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COST ESTIMATING

PM&C COST ESTIMATING
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LOCATION MAP


GOOGLE MAPS
Town of Wilmington Public Works Department
Water Department
Winchester Hospital Urgent Care
Premier Plumbing, Heating & Air
Sargent Water Treatment Plant
Aaves Wilmington and Wilmington West Apartments
Elmwood Village
Ella Ave
Dorothy Ave
Cathcart Ave
Salem St
Middlesex Ave
Main St
Maple St
Church St
Glen Rd
Eames St
Cedar Rd
Pleasant St
High St
Park St
Fire Station
Fire Station
Fire Station

Project Summary & Applicable Codes

The Wilmington Elementary School (the Project) includes construction of a new elementary school serving grades Pre-Kindergarten through grade 5. This summary is intended to convey compliance of the completed school building project with the 10th Edition of the Massachusetts State Building Code (CMR 780) which is anticipated to be effective when the project is eligible for construction permitting.

Applicable Codes:

1. Massachusetts State Building Code (780 CMR), 10th Edition (2021 IBC with amendments)
2. Uniform Sate Plumbing Code (248 CMR 10.00)
3. Massachusetts Architectural Access Board (MAAB) Regulations (521 CMR)
4. 2010 Americans with Disabilities Act Standards for Accessible Design (where more stringent than MAAB)
5. Massachusetts Base Energy Code (780 CMR, Chapter 13), 10th Edition (2021 IECC with amendments)*
6. Massachusetts Fire Code (537 CMR 1.00) 2021 NFPA 1 with MA Amendments
7. Massachusetts Electrical Code (527 CMR 12.00) 2023 NFPA 70 with MA Amendments
8. Massachusetts Board of Elevator Regulations (524 CMR)

*The Base Energy Code is listed here as the required minimum energy code applicable in Wilmington. The project has been designed to comply with the Massachusetts Specialized Opt-In Code, CMR 225 c.23 (2021 IECC including Appendix CC as amended for Opt-In Code.)

Occupancy Characteristics

The completed project will contain classrooms for grades Pre-K through 5, administrative offices, a cafeteria (including a performance platform) and associated kitchen, a gymnasium, and associated support spaces (mechanical, electrical, and storage spaces).

The occupancy of the complex will be generally classified as Use Group E (Educational) as defined in Section 305 with specific functions and occupancies defined as follows:

Level	Function	Use Group
1	Classrooms	E
	Offices	B (2)
	Gymnasium	E (1)
	Media Center (Library)	E (1)
	Cafeteria & Kitchen	E (1)
	Storage	S-2 (2)
	Utility & Miscellaneous	U (2)(3)
2	Classrooms	E
	Offices	B(2)
	Storage	S-2 (2)
	Utility & Miscellaneous	U (2)
3	Classrooms	E
	Offices	B(2)
	Storage	S-2 (2)
	Utility & Miscellaneous	U (2)

Note 1: Assembly areas that are accessory to Group E occupancies are not considered separate occupancies (§303.1.3).
Note 2: Accessory occupancies are not required to be separated from the main occupancy (§508.2.4).
Note 3: Incidental Accessory Occupancies shall be separated from the main occupancy as described in Table 509.

Physical Characteristics

The project is organized into a three-story classroom wing to the west and a one and two-story public spaces building to the east. The classroom wing contains primarily educational spaces while the public wing incorporates large volume assembly spaces, additional educational spaces, and administrative areas.

The total facility area of the project identified in the Code Plan Diagrams is described as follows:

Level	Building Area (SF)
1	76,227
2	64,165
3	42,206
Total:	**160,731**

The building heights from the average grade plane to highest portion of the flat roof can be characterized as follows:

Stories	Building Height (Area)
Three-Story	44 feet (Classrooms)
Two-Story	29 feet (Media Center, Gymnasium

Construction Type, Allowable Height, Allowable Area

Occupancy Separations & Mixed Use

The building is classified as **Type IIA** construction.

Allowable Height

The allowable tabular building height in feet as described in table 504.3 for Type II A, Group E in a building equipped with an automatic sprinkler system is **85 feet.** The maximum roof height, above the average grade is **44 feet,** at the three-story classroom wing. The building complies.

The allowable tabular building height in stories as described in table 504.4 for Type II A, Group E in a building equipped with an automatic sprinkler system is **4 stories.** The maximum number of stories at the classroom wings is **3 stories.** The building complies.

Allowable Area

The allowable tabular area in square feet as described in Table 506.2 for Type II A, Group E in a multistory building equipped with an automatic sprinkler system is **79,500 square feet**.

The project includes a fire access road providing 30-plus foot wide access to 100% of the perimeter of the building. The amount of Area Increase determined in accordance with Table 506.3.3 is **0.75.**

The Project is considered Mixed-Occupancy, Multistory building, and the allowable area for each story is determined in accordance with Section 506.2.2. Because the building is less than four stories, each story will comply individually with Section 508.1 for Mixed Use and Occupancy.

Allowable Area (Aa) = [A_t + (NS x I_f)]
Aa = [79,500 + (26,500 x 0.75)] = **99,375 SF**

Each Story includes unseparated accessory occupancies that do not occupy more than 10 percent of the floor area of the story and complies with Section 508.2 for Accessory Occupancies.

The following Incidental Uses will be provided with the required separation and/or protection in accordance with Table 509:

Incidental Use per Table 509	Separation and/or Protection
Electrical rooms containing transformers over 112 1/2 Kva	1 hour separation [1]
Emergency Electrical rooms & closets	2 hour separation [1]

Note 1: Separation based on NEC requirement, included for convenience

Fire Resistance Rating of Building Elements:

Fire resistance rating of building elements for **Type IIA** construction are based on the requirements of Table 601 or by other code provisions as described below. Refer to Means of Egress section of this Summary for rating of egress components.

Primary Structural Elements

1 hour fire-resistance rating

The Project will utilize Heavy Timber framing in accordance with section 2304.11. Heavy Timber portions will support the roof construction over the Cafeteria and portions of the Media Center.

In accordance with Table 601-note c. Heavy Timber complying with section 2304.11 shall be allowed for roof construction, including primary structural frame members, where a 1-hour or less fire-resistance rating is required.

Bearing Walls

Exterior: **1-hour** fire-resistance rating
Interior: **1-hour** fire-resistance rating

Other Exterior Walls

The building is significantly separated from any other building and therefore exterior walls are not subject to the fire resistive rating requirements based on separation distance in Table 602.

Exterior walls may be required to be rated in close proximity to exit enclosures in accordance with Section 1023.7.

Portions of exterior walls within 4 feet of the intersection with the fire wall between Code Buildings AB and C will be rated for 1-hour in accordance with section 706.5.1.2.

Interior Walls & Partitions

No requirement based on construction type per Table 601. Interior walls and partitions shall be rated based on the specific conditions outlined in the Occupancy Separations and Mixed Use, Building Separations, or Special Use & Occupancy Considerations sections of this Code Summary. Additional interior wall & partition ratings may also be required by other sections of the code and are described elsewhere in this Summary.

Floor Construction and Secondary Members:

1-hour fire-resistance rating

No requirement based on construction type per Table 601. Horizontal assemblies in compliance with Section 711.2 will be required to separate occupancies as outlined in the Occupancy Separations and Mixed Use, Building Separations, or Special Use & Occupancy Considerations sections of this Code Summary.

Roof Construction and Secondary Members:

1 hour fire-resistance rating

The Project will utilize Heavy Timber framing in accordance with section 2304.11. Heavy Timber portions will support the roof construction over the Cafeteria and portions of the Media Center.

In accordance with Table 601-note c. Heavy Timber complying with section 2304.11 shall be allowed for roof construction, including primary structural frame members, where a 1-hour or less fire-resistance rating is required.

Means of Egress

Occupant Loads will be calculated based on Table 1004.1.2 for Assembly Spaces without fixed seating, by actual seat count for spaces with fixed seating (1004.4), or by the design occupant load where this value exceeds the tabular values in accordance with Section 1004.2.

Exception: The gymnasium will have a reduced maximum occupancy of **950 occupants** in lieu of the calculation for assembly spaces without fixed seating in accordance with the Section 1004.5 Exception. Such maximum occupancy will be posted at each door of the gymnasium.

For the sake of these calculations, General Classrooms and other instructional spaces intended to contain only loose furniture are calculated as "Classroom area" (20 net square feet per occupant). Art Studios, Music Classrooms, and other vocational or specialty instruction spaces intended to contain large amounts of fixed casework and/or equipment are calculated as "Shops and other vocational areas" (50 net square feet per occupant).

Exception: Kindergarten and Pre-K classrooms will have a reduced maximum occupancy of **49 occupants** in lieu of the calculation at 20 SF / occupant in accordance with the Section 1004.5 Exception. Such maximum occupancy will be posted at the door to the classrooms. As such, theses spaces are not required to have two means of egress, exit signs, or doors with exit devices.

Occupancy loads for individual spaces are indicated on the Code Plan Diagrams.

The number of required exits per story (per section 1006.3) and the total egress capacity required and provided are summarized on the Code Plan Diagrams.

At least two exits or exit access doorways shall be provided from all spaces with a maximum occupant load larger than 49 per Table 1006.2.1; this requirement is applicable to all general classrooms with a net square footage over 1000 SF except for the alternative occupant loads reviewed and accepted by the Authority Having Jurisdiction noted above.

At least three exits shall be provided from spaces with an occupant load of 501 to 1,000 occupants, and at least four exits shall be provided from spaces with an occupant load greater than 1,000 occupants (1006.2.1.1). Exits shall be arranged in accordance with section 1007.1.1.

The Common Path of Egress Travel shall be limited in accordance with Table 1006.2.1 as follows:

75 feet in Educational and Assembly Occupancies
100 feet in Business Occupancies

Unoccupied mechanical rooms and penthouses are not required to comply with Common Path of Egress Travel requirements in accordance with Section 1006.2.1 Exception 3.

The maximum length of exit access travel distance shall not exceed 250 feet in accordance with Table 1017.2.

Corridors are not required to be rated per Table 1020.1.

Corridors with a required Educational occupancy of 100 or more shall not be less than 72" wide in accordance with Table 1020.2, or not less than 44" for all other portions of the building.

Dead end corridors shall not be greater than 50' in length (1020.4 Ex. 2)

Interior exit stairways, which provide a protected path of egress travel to the exit discharge, shall be enclosed with fire barriers and / or horizontal assemblies with a rating of not less than 1 hour (1023.2).

Exit access stairways, which serve only two stories, are not required to be enclosed with a rated shaft enclosure (1019.3.1).

Special Occupancy & Use Considerations

Cafeteria with Performance Platform

Different occupant loads for the Cafeteria were calculated for Multiple Function Occupant Load in accordance with Section 1004.3. The means of egress assume the highest occupant load scenario. The total occupant load for the Cafeteria is greater than 50 and less than 500, requiring two means of egress per Section 1006.2.

The area identified on the plans as the Platform meets the code definition of a Platform defined in section 202. Portions of section 410 related to stages, proscenium ratings, roof vents, egress from stairs, and rated separations are not applicable to the platform. The construction of the platform will comply with section 410.4.

Gymnasium

A maximum occupant load for the Gymnasium of 950 has been mandated by the Town. As such, the maximum occupant load is reduced as noted above.

Media Center

The occupant load for the Media Center has assumed portions of the space containing shelving will be classified as Stacks and the other portions will be classified as Reading Areas in accordance with table 1004.1.2.

Special Egress Considerations:

Stairways:

Exit access stairways connecting only two stories and which are not open to other stories are not required to be enclosed (1019.3, Ex. 1). The exit access stairway from the upper level adjacent to the Media Center that descends to the Cafeteria will not be enclosed.

Where the exterior stair enclosure walls are not rated, the exterior walls that are less than 180 degrees from the unrated exterior wall of a stairway enclosure shall have a fire resistance rating of not less than 1 hour for a distance of 10 feet from the stair enclosure per section 1023.7. Openings within these walls will have a fire protection rating of ¾ hour.

Fire Protection Systems

Sprinkler systems will be provided in accordance with 903.3.2(1)(a). Such systems will be NFPA 13 systems as required by Section 903.3.1.1

Sprinklers will not be provided in the elevator machine room per Section 903.2 Exception 2. Specific areas exempted from fire protection under section 903.3.1.1.1 require the approval of the fire code official.

Alternative fire-extinguishing systems shall be provided for all Type I hoods in commercial kitchens per section 904.2.2.

Because no floor level is more than 30 feet above the lowest level of fire department vehicle access, no Class III standpipes are required due to building height per section 905.3.1. However, a standpipe will be provided in the enclosed stair as directed by the local Fire Department.

Per section 905.4, Class I standpipe hose connections will be provided to improve the firefighting operations in the following locations:

- At floor level landings of enclosed egress stairs.

The new school will be provided with portable fire extinguishers in accordance with Section 906.1. In addition to general portable fire distribution, additional portable fire extinguishers will be provided in the following locations:

- Within 30 feet of commercial cooking equipment.
- In the elevator machine room.
- On each floor of structure *while under construction* (to be provided by the General Contractor).
- Where required by the International Fire Code sections on Table 906.1. (No such areas have been identified in the project).
- Special hazard areas such as Science Classrooms, Tech classrooms, or other locations required by the fire code official. (No such areas have been identified in the project).

Fire alarm and detection systems will be installed in accordance with Section 907. Refer to Fire Alarm drawings for additional information and requirements.

Emergency Power & Lighting

Emergency Power shall be provided by an on-site generator and in accordance with Chapter 27 to provide the illumination levels set forth in Section 1008. Refer to Electrical drawings for additional information related to generator and egress lighting.

Plumbing Fixtures

The required plumbing fixture types and counts have been calculated based on 248 CMR 10.00: Uniform State Plumbing Code, Table 1.

Pre-Kindergarten
Classrooms with Unisex / Gender-neutral toilet rooms pet 10.10 (15)(c)12.d

	Students Only	Toilets	Lavs				Jan. Sink	DF
Required Student Fixtures[3]:	**90**	**5**	**9**				**1 per Flr**	
Provided:							YES	
Gen Neut Allocation[9]	1 TR Rm per Classroom	5	5					
Lavs Provide in Classrooms[10]	2 per Classroom		10					
Total Fixtures Provided:		**5**	**15**				**0**	**0**

Kindergarten
Classrooms with Unisex / Gender-neutral toilet rooms pet 10.10 (15)(c)12.d

	Students Only	Toilets	Lavs				Jan. Sink	DF
Required Student Fixtures[3]:	**144**	**6**	**6**				**1 per Flr**	
Provided:							YES	
Gen Neut Allocation[9]	1 TR Rm per Classroom	8	8					
Lavs Provide in Classrooms[10]	2 per Classroom		16					
Total Fixtures Provided:		**8**	**24**				**0**	**0**

Educational Occupancy Scenario - Whole Building (Excluding Pre-Kindergarten & Kindergarten)

	Total Occupants	F Toilets	F Lavs	M Toilet	M Lav	M Urinal	Jan. Sink	DF
Required Student Fixtures[1]:	**890**	**11**	**18**	**11**	**18**	**up to 50%**	**1 per Flr**	**7**
Provided:							4	7
Group Toilet Rooms		28	22	27	23	7		
Gen Neut Allocation[4]	0 GN	3	5	6	6			
Total Fixtures Provided:		**31**	**27**	**33**	**29**	**7**	**4**	**7**

Required Faculty Fixtures:

	Total Occupants	F Toilets	F Lavs	M Toilet	M Lav
Required Faculty Fixtures[2]:	**140**	**4**	**4**	**3**	**4**
Provided:					
Gen Neut Allocation[4]	13 GN = 7F / 6M	7	7	6	6
Total Fixtures Provided:		**7**	**7**	**6**	**6**

Assembly Occupancy Scenario - Code Building B

	Total Occupants	F Toilets	F Lavs	M Toilet	M Lav	M Urinal
Required Fixtures[3]:	**1240**	**17**	**13**	**9**	**13**	**up to 67%**
Provided[5]:						
Group Toilet Rooms		20	14	15	14	6
Gen Neut Allocation[4]	5 GN = 2F / 3M	2	2	2	2	0
Total Fixtures Provided:		**22**	**16**	**17**	**16**	**6**

1. Student Fixture Counts based on 248 CMR 10.10(15) Table 1 for "Public & Private Schools, Kindergarten, Middle & High School"
2. Faculty Fixture Counts based on 248 CMR 10.10(15) Table 1 for "Public & Private Schools, Kindergarten, Middle & High School Staff"
3. Student Fixture Counts based on 248 CMR 10.10(15) Table 1 for "Assembly - Indoor Recreational Facilities, Rinks, Swimming Pools, Gymnasiums and Other with Spectator Seating (Patrons & Staff)"
4. Gender Neutral Allocation accounts for how designated single user gender neutral toilet rooms have been allocated to male or female fixture requirements to satisfy minimum fixture requirements of Table1.
5. Only "open to public" gang and single user toilet rooms on Level 1 have been included in the provided fixtures for Assembly use tabulation.
6. Gender Neutral toilet rooms are used to satisfy the minimum fixture requirements using one of the two options provided in 10.10(15)(g) for each occupancy group.
7. Where option (r) 2. is utilized, the balance of requried fixutres are provided in gender-designated gang toilet rooms
8. Where option (r) 1. is utilized, all required plumbing fixtures are provided in gender neutural single user toilet rooms
9. Fixture Counts based on 248 CMR 10.10(15) Table 1 for "Public & Private Pre-Schools and Daycare": one single user rest room is allowed for up to 20 children and staff combined. The district has committed to a Pre-Kindergarten target class size of 15 students per classroom.
10. Per 248 CMR 10.10(15)(c)(12)(d)(ii) for Students younger than six years old, lavatories may be installed in classroom areas.
11. Per 248 CMR 10.10(15)(c)(12)(d)(ii) for Students younger than six years old, unisex/gender neutral toilet facilities may be installed.

The minimum fixture counts for students in Special Education classrooms and in Kindergarten through 2nd grade classrooms are provided as unisex/gender-neutral toilet rooms as permitted in section 10:10(15)(g)(2) of 248 CMR. Gang toilet rooms are provided to meet the required fixture counts for students in grades 3 through 5.

Energy Efficiency

The Town of Wilmington is not a Strech Code or Opt-In Code community. However, new school building will be designed in accordance with the Massachusetts Municipal Opt-In Specialized Code (225 CMR 23.00: 2021 International Energy Code with Massachusetts Amendments, including Appendix CC.)

The Project will seek compliance through the Targeted Performance Compliance requirements of Section C401.2.1(2).

The building envelope will demonstrate compliance with the Component Performance Alternative method for Low Glazed Wall System Buildings described in section C402.1.5.1.

A solar ready zone will be indicated on the drawings in accordance with the requirements of section C402.3 and Appendix CB. The required reserved electrical requirements stipulated in Appendix CB will be provided.

Section C402.5 - Air Leakage Thermal Envelope

A continuous air barrier complying with Section C402.5.1 will be provided for the building envelope.

The air leakage of all fenestrations will be specified in accordance with the limitations described in Table C402.5.3.

Building entrances shall be designed with Vestibules in accordance with Section C402.5.5. Exterior doors exempt from this requirement include:

- The Shipping / Receiving door and Mechanical Room door. (Section 402.5.8, Ex. 2).

Accessibility

The Project will comply with the Massachusetts Architectural Access Board (MAAB) 521 CMR, or the 2010 Americans with Disability Act Standards for Accessible Design where it is more stringent than MAAB. Spaces accessed only by ladder, crawlspaces, catwalks, or non-passenger elevators are exempt (Section 3.12).

In educational facilities, only administrative areas, instructional spaces, and areas open to students or the general population are required to comply with 521 CMR (Section 12.1.1). Areas with restricted access intended for use only by staff (such as instructor toilets, toilets for kitchen staff, mechanical and other support spaces) are not required to comply with 521 CMR. Such staff-only toilet rooms or spaces will comply with ADA Standards.

Accessible Routes, General Site and Building Elements

An Accessible Route shall be provided from accessible parking, passenger loading sizes, and public streets or sidewalks to the accessible building entrance they serve and shall coincide with the route for the general public (Section 20.2). At least one accessible route shall connect the building with all facilities, elements, and spaces on the site and within the building (Section 20.2.1). The accessible route will comply with the provisions of Section 20.

All spaces required to be accessible will be provided with at least one accessible means of egress in accordance with Section 20.11.1.

Curb cuts complying with Section 21 shall be provided wherever an accessible route crosses a curb (Section 21.2).

Accessible parking spaces shall be provided in accordance with Table 23.2.1. One in every six, but not less than 1 accessible space shall be van accessible in accordance with ADA 208.2.4 (note this requirement is more stringent than MAAB Section 23.2.2). Accessible spaces will be located on the shortest accessible route from the parking to an accessible entrance (Section 23.3.1). Where an accessible space cannot be located within 200 feet of an accessible entrance, an accessible passenger drop-off shall be provided within 100 feet of the accessible entrance (23.3.3). Accessible Parking Spaces, Accessible Van Spaces, and the associated access to the site Accessible Route will comply with Section 23.4

Plumbing Elements and Facilities

Single User Toilet Rooms intended for use by the students or general public or located in the Administrative Suite shall be accessible in accordance with 521 CMR. Toilet rooms with restricted access only by staff members shall be accessible in accordance with the 2010 ADA Standards.

Toilet rooms intended for use only by pre-kindergarten (Pre-K) and elementary school aged children (as defined Section 30.1-b) shall be designed in accordance with Sections 30.14 through 30.20. This includes single user toilet rooms in Special Education classrooms, single user toilet rooms in Pre-Kindergarten through 2nd grade classrooms, and gang toilet rooms serving assembly spaces and the grades 3 through 5 classroom wing.

Drinking fountains shall be located on each floor along the accessible route and installed in accordance with 521 CMR Section 36.

Special Occupancy Rooms and Features

The spaces or portions of the building described below require unique description and consideration with respect to accessibility.

Stairways and Elevators.

All stairs connecting public and educational or administrative staff areas will be designed as accessible stairways in accordance with Section 27. Stairways intended only for use by service staff, including the roof access stairs or ladders, are not required to be accessible (Section 12.1.1).

The elevator will be designed in accordance with Section 28 and to accommodate the required gurney size described in 524 CRM (Massachusetts Elevator Regulations) Section 17.40-(1). As such, it will accommodate the dimensional requirements described in 521 CMR Section 28.

Assembly Spaces in Educational Facilities - Generally

Amphitheaters, lecture halls, and classrooms will comply with Chapter 14 for Places of assembly in accordance with section 12.1.3. The gymnasium and cafeteria will also comply with the requirements of Chapter 14.

Assistive Listening Systems shall be provided for all assembly spaces in accordance with 14.5.

Gymnasium

Fixed operable bleacher seating will be provided in the Gymnasium, and the requirements for Number of Accessible Seats (Section 14.2) will be provided for each section of operable bleachers.

Cafeteria

No fixed seating will be provided in the Cafeteria, and the requirements for Number of Accessible Seats (Section 14.2) are not applicable to this space.

Cafeteria tables will be a combination of fixed (attached) and loose seating and will accommodate wheelchairs.

The raised platform (Stage) has an accessible route consisting of a ramp designed in accordance with Section 24 (per Section 14.6.1-a.).

Media Center

The Media Center will be designed to accommodate the requirements for Libraries described in Section 12.2.

At least 5% of all reading and study areas, stacks, reference rooms, computer work stations, shall be accessible and designed to accommodate the requirements of Section 12.2.2.

At least one lane of the check-out area will have a counter a maximum of 36" in height (Section 12.2.3).

Security devices and Card Catalogs will not be provided for the facility.

Aisles between stacks will have a minimum clear width of 42" as the preferred dimension described in Section 12.2.6.

Built In Furnishings and Equipment

Per Section 12.4, a minimum of 1 type of each element in each classroom will comply with the following:

- Countertops and sinks will comply with Section 12.2.2-b, c, and d and consist of a Clear Floor Space with Knee Clearance and a countertop height of 28" to 34".
- At least 50% of shelf space in cabinets with comply with Sections 6.5 Forward Reach and 6.6 Side Reach.
- Controls and operating mechanisms shall comply with Section 39 Controls.

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:
CODE SUMMARY

SHEET NUMBER:
GC1.00

CODE LEGEND

- 1 HOUR SEPARATION WALL
- 1 HOUR RATED BEARING WALL - OPENING PROTECTIVES NOT REQ'D
- 2 HOUR SEPARATION WALL
- SMOKE RESISTANT PARTITION
- TOTAL OCCUPANT LOAD WITHIN SPACE
- TOTAL OCCUPANT LOAD PER FLOOR OR REGION
- MAX. EXIT ACCESS TRAVEL DISTANCE
- COMMON PATH OF EGRESS TRAVEL (CPET)
- FIRE EXTINGUISHER LOCATION
- AED — AUTOMATIC EXTERNAL DEFIBRILLATOR BOX LOCATION
- FIRE DEPARTMENT DOOR NUMBER (SEE ELEVATION BELOW)

TYPICAL DETAIL OF FIRE DEPARTMENT DOOR NUMBER

PROVIDE 3" HIGH VINYL NUMBERS MOUNTED AT EACH EXTERIOR DOOR (EXTERIOR AND INTERIOR FACE). WHERE THERE ARE DOUBLE DOORS OR A BANK OF DOORS ONLY ONE DOOR NUMBER IS REQUIRED. ELECTRICAL TRADE CONTRACTOR SHALL SHOW THESE NUMBERS ON THE FIRE ALARM SYSTEM GRAPHIC AT THE MAIN ENTRANCE.

EGRESS SUMMARY - LEVEL 2	
TOTAL OCCUPANT LOAD:	1147 OCCUPANTS
MIN. EXITS REQUIRED:	4
EXITS PROVIDED:	5
EGRESS CAPACITY PROVIDED:	1380 OCCUPANTS
MAX. EXIT ACCESS TRAVEL DISTANCE:	203' - 0"

STAIR EGRESS DATA:	
STAIR WIDTH:	60"
CAPACITY: (.2"/OCC)	300

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

STAIR EGRESS DATA:	
STAIR WIDTH:	60"
CAPACITY: (.2"/OCC)	300

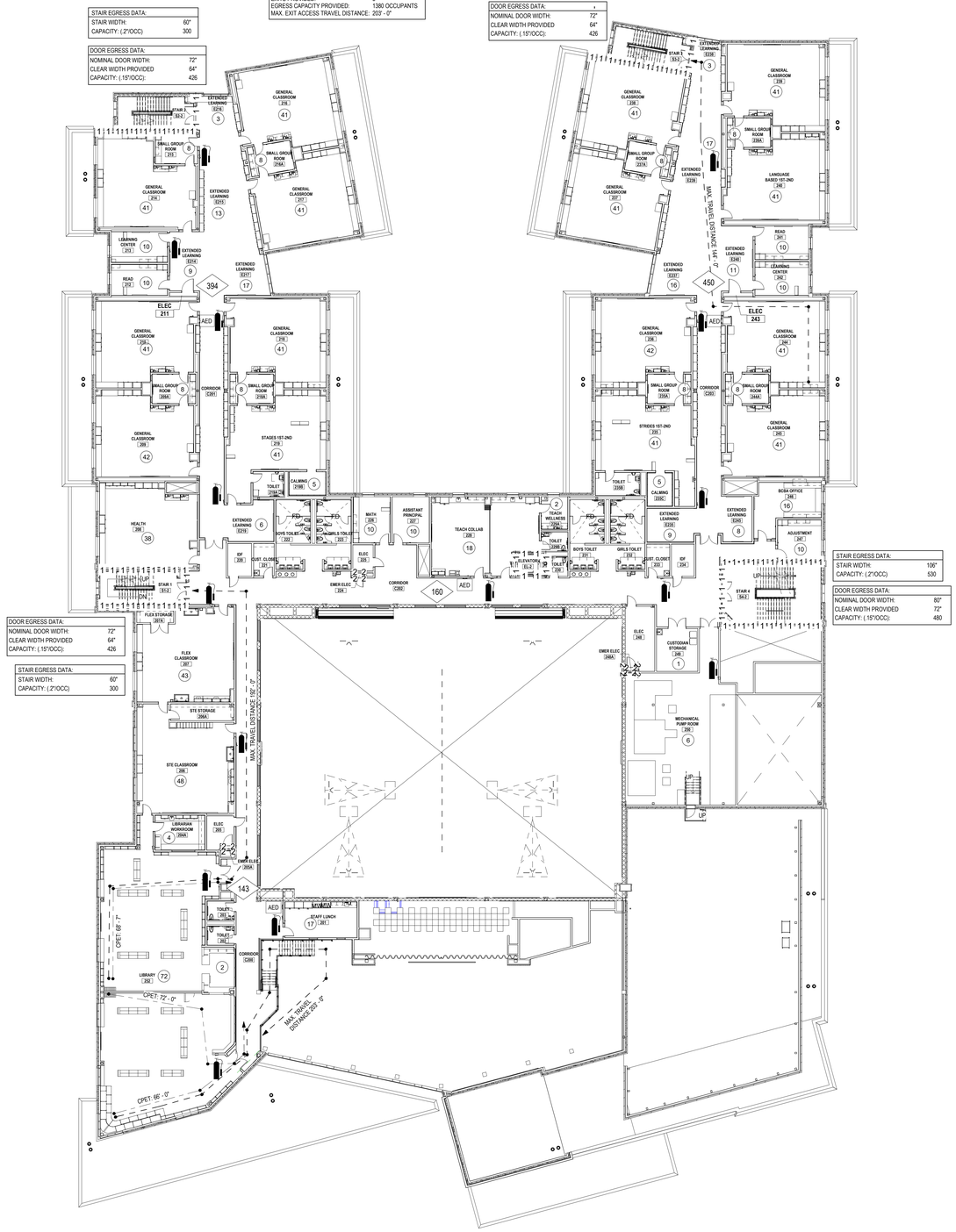
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NOMINAL DOOR WIDTH:	*
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

STAIR EGRESS DATA:	
STAIR WIDTH:	106"
CAPACITY: (.2"/OCC)	530

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	80"
CLEAR WIDTH PROVIDED	72"
CAPACITY: (.15"/OCC):	480

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

STAIR EGRESS DATA:	
STAIR WIDTH:	60"
CAPACITY: (.2"/OCC)	300



A27 LEVEL 2 CODE PLAN
1/16" = 1'-0"

EGRESS SUMMARY - LEVEL 1	
TOTAL OCCUPANT LOAD:	2506 OCCUPANTS
MIN. EXITS REQUIRED:	4
EXITS PROVIDED:	8
EGRESS CAPACITY PROVIDED:	3676 OCCUPANTS
MAX. EXIT ACCESS TRAVEL DISTANCE:	146' - 0"

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	36"
CLEAR WIDTH PROVIDED	32"
CAPACITY: (.15"/OCC):	213

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	36"
CLEAR WIDTH PROVIDED	32"
CAPACITY: (.15"/OCC):	213

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

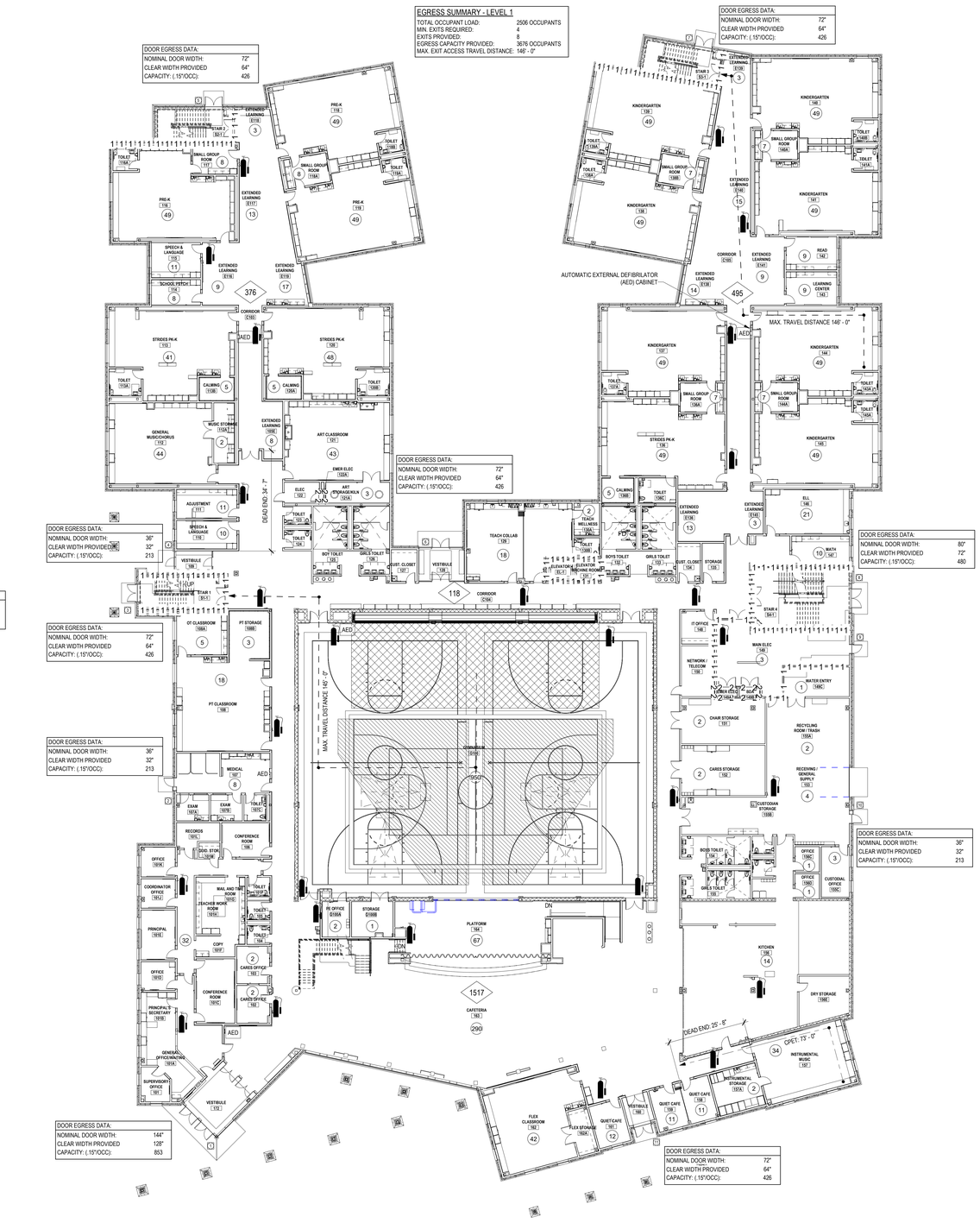
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NOMINAL DOOR WIDTH:	144"
CLEAR WIDTH PROVIDED	128"
CAPACITY: (.15"/OCC):	853

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	80"
CLEAR WIDTH PROVIDED	72"
CAPACITY: (.15"/OCC):	480

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	36"
CLEAR WIDTH PROVIDED	32"
CAPACITY: (.15"/OCC):	213

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426



A13 LEVEL 1 CODE PLAN
1/16" = 1'-0"

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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

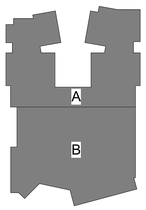
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:
CODE PLANS

SH

CODE LEGEND

- 1 HOUR SEPARATION WALL
- 1 HOUR RATED BEARING WALL - OPENING PROTECTIVES NOT REQ'D
- 2 HOUR SEPARATION WALL
- SMOKE RESISTANT PARTITION
- TOTAL OCCUPANT LOAD WITHIN SPACE
- TOTAL OCCUPANT LOAD PER FLOOR OR REGION
- MAX. EXIT ACCESS TRAVEL DISTANCE
- COMMON PATH OF EGRESS TRAVEL (CPET)
- FIRE EXTINGUISHER LOCATION
- AUTOMATIC EXTERNAL DEFIBRILLATOR BOX LOCATION
- FIRE DEPARTMENT DOOR NUMBER (SEE ELEVATION BELOW)

TYPICAL DETAIL OF FIRE DEPARTMENT DOOR NUMBER



PROVIDE 3" HIGH VINYL NUMBERS MOUNTED AT EACH EXTERIOR DOOR (EXTERIOR AND INTERIOR FACE). WHERE THERE ARE DOUBLE DOORS OR A BANK OF DOORS ONLY ONE DOOR NUMBER IS REQUIRED. ELECTRICAL TRADE CONTRACTOR SHALL SHOW THESE NUMBERS ON THE FIRE ALARM SYSTEM GRAPHIC AT THE MAIN ENTRANCE.

EGRESS SUMMARY - LEVEL 3

TOTAL OCCUPANT LOAD:	1354 OCCUPANTS
MIN. EXITS REQUIRED:	4
EXITS PROVIDED:	4
EGRESS CAPACITY PROVIDED:	1380 OCCUPANTS
MAX. EXIT ACCESS TRAVEL DISTANCE:	144' - 0"

STAIR EGRESS DATA:	
STAIR WIDTH:	60"
CAPACITY: (.2"/OCC)	300

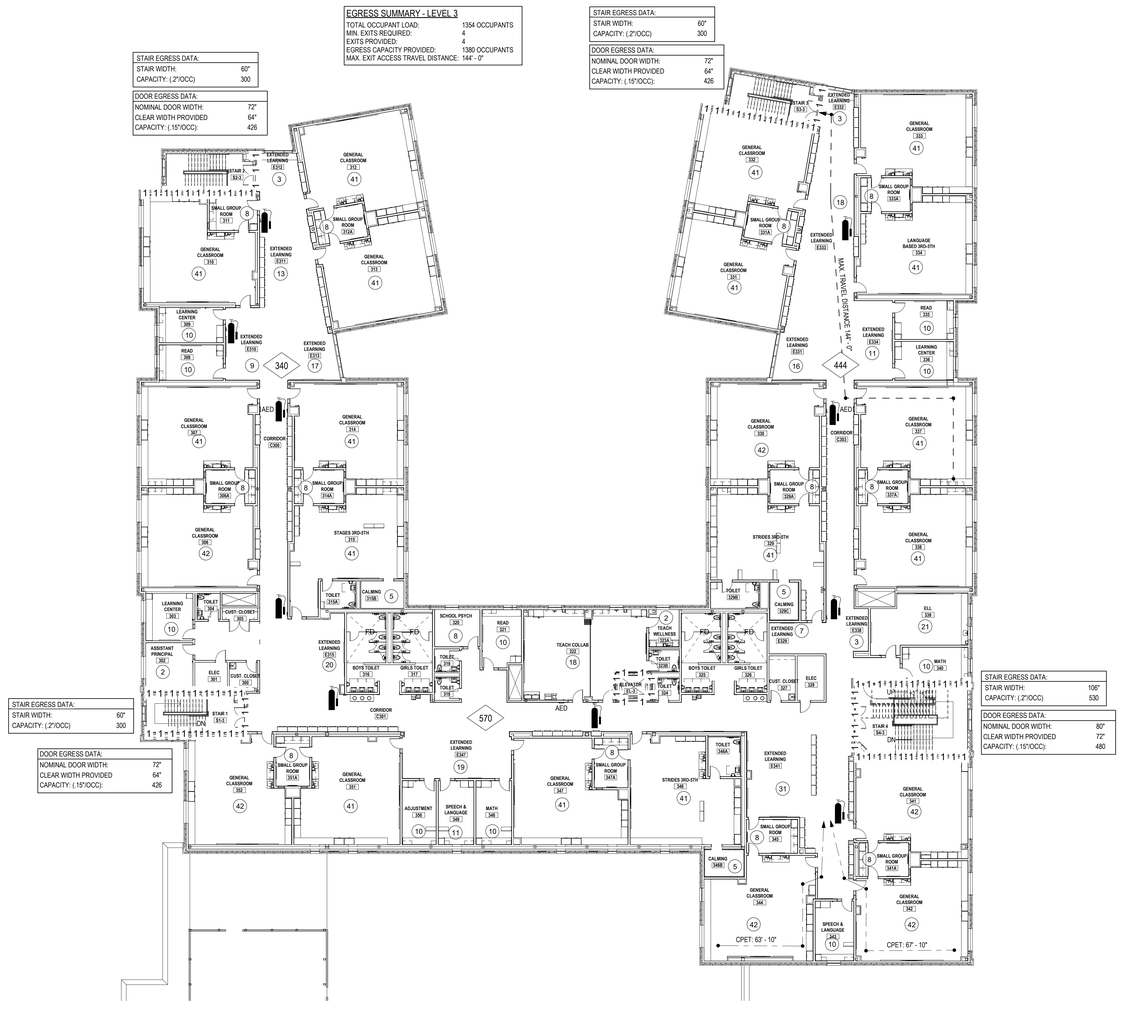
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NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

STAIR EGRESS DATA:	
STAIR WIDTH:	60"
CAPACITY: (.2"/OCC)	300

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	72"
CLEAR WIDTH PROVIDED	64"
CAPACITY: (.15"/OCC):	426

STAIR EGRESS DATA:	
STAIR WIDTH:	106"
CAPACITY: (.2"/OCC)	530

DOOR EGRESS DATA:	
NOMINAL DOOR WIDTH:	80"
CLEAR WIDTH PROVIDED	72"
CAPACITY: (.15"/OCC):	480



D21 LEVEL 3 CODE PLAN
1/16" = 1'-0"

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SEAL AND SIGNATURE:

REVISIONS:

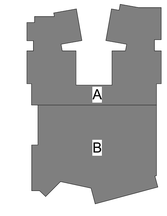
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KEY PLAN



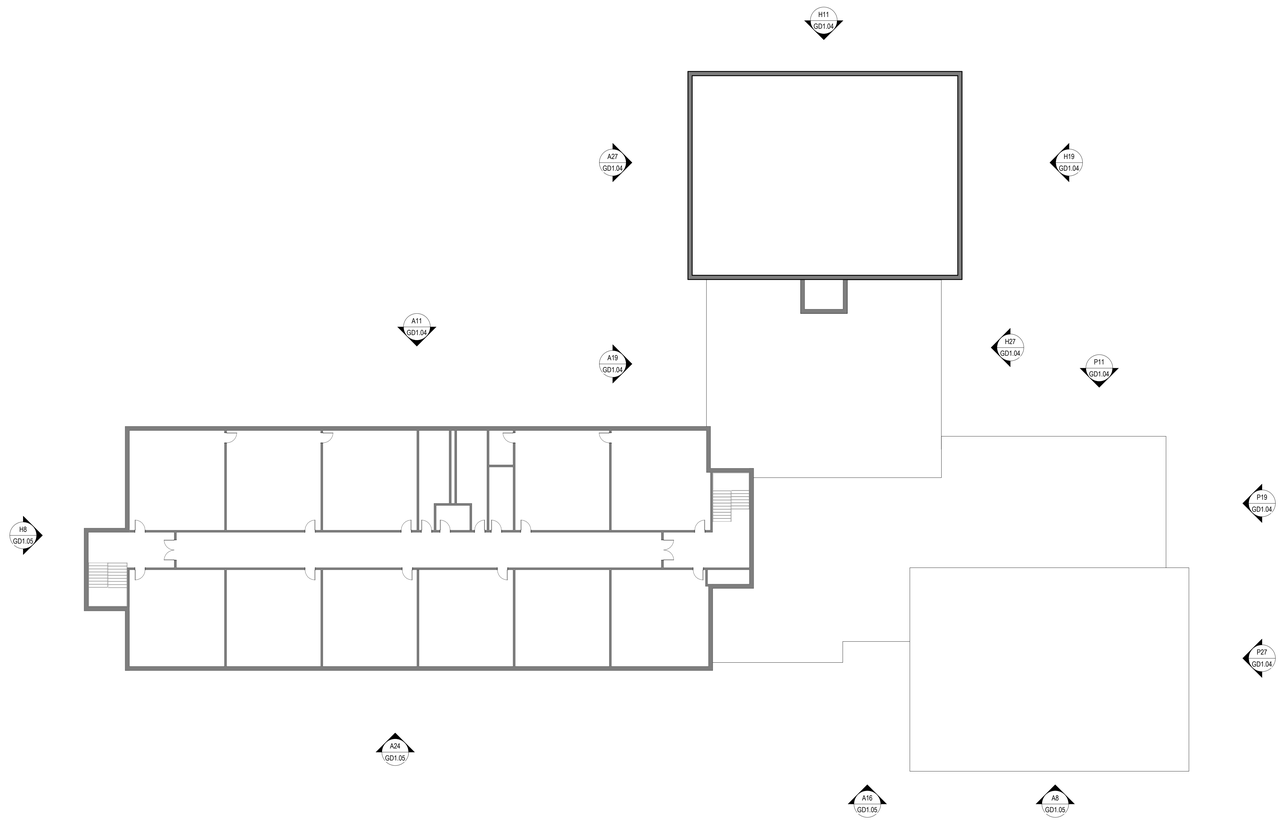
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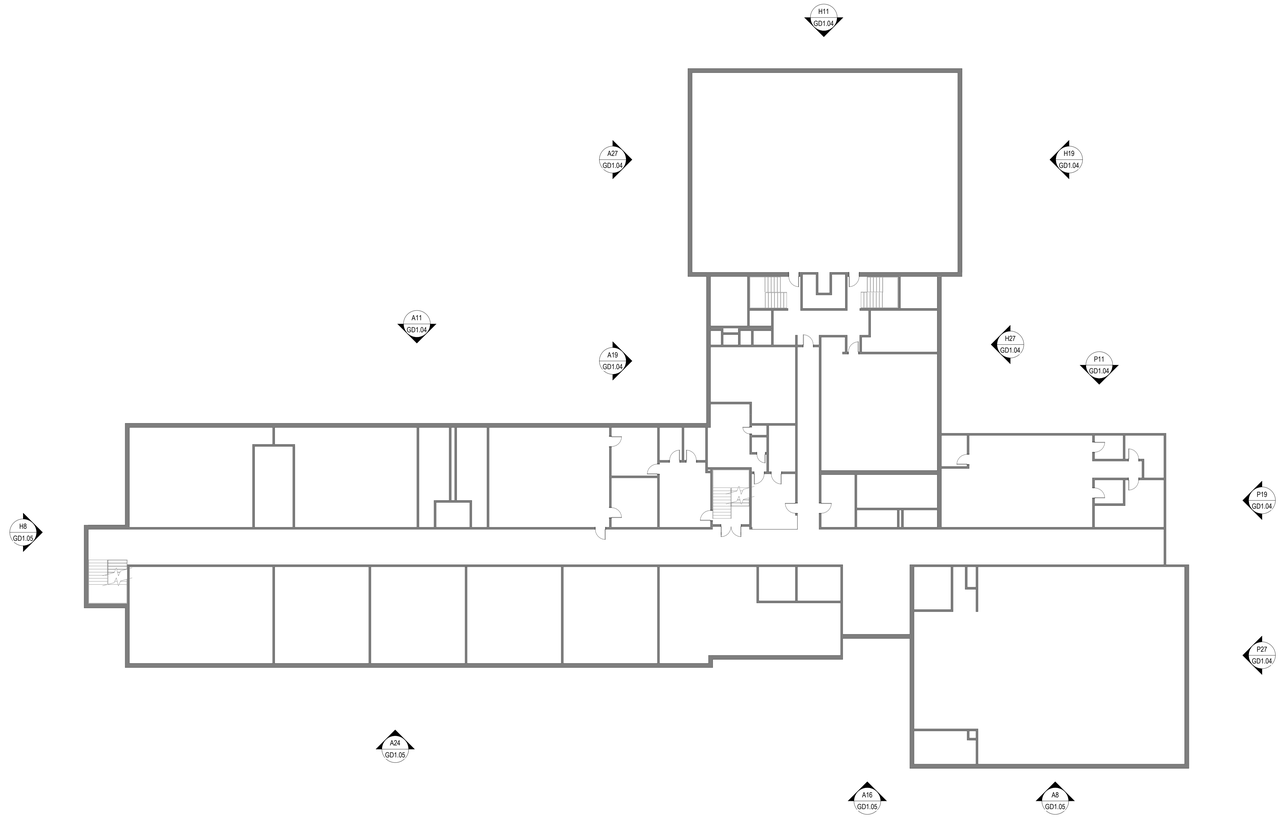
PROJECT NORTH

SHEET TITLE:
CODE PLANS

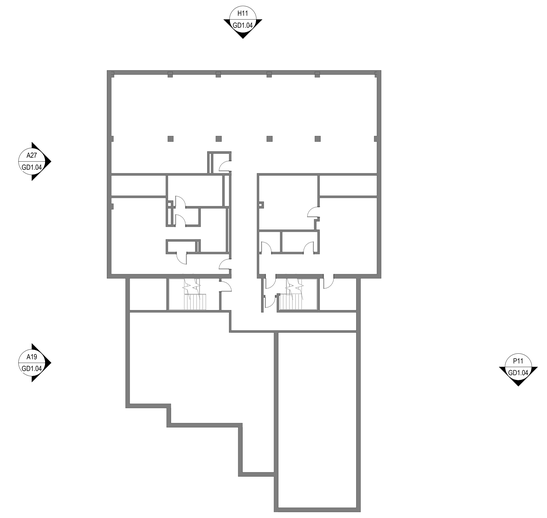
SHEET NUMBER:
GC1.11



M26 LEVEL 2 EXISTING - DEMO
1/16" = 1'-0"



A26 LEVEL 1 EXISTING - DEMO
1/16" = 1'-0"



A9 BASEMENT EXISTING - DEMO
1/16" = 1'-0"

GENERAL DEMOLITION NOTES

1. GENERAL DEMOLITION DRAWINGS HAVE BEEN RE-CREATED FROM THE AVAILABLE ORIGINAL CONSTRUCTION DOCUMENTS ISSUED IN 1961. THEY ARE INCLUDED ONLY TO CONVEY THE GENERAL SCOPE OF DEMOLITION REQUIRED. THE PLANS HAVE BEEN SCALED, BASED ON DIMENSIONS AND INFORMATION CONTAINED IN THE REFERENCED CONSTRUCTION DOCUMENTS AND THE DIMENSIONS, CONFIGURATIONS, ELEMENTS, OR ACTUAL CONDITIONS CONTAINED THEREIN HAVE NOT BEEN FIELD VERIFIED. EXISTING BUILDING PHOTOGRAPHS INCLUDED ON THE DEMOLITION DRAWINGS ARE PROVIDED TO CONVEY THE GENERAL SIZE, SHAPE, AND CONFIGURATION OF THE BUILDING. NO VERTICAL DIMENSIONS ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINATION OF THE EXISTING BUILDING TO VERIFY THAT ALL WORK REQUIRED FOR THE GENERAL DEMOLITION OF THE EXISTING BUILDING IS INCLUDED IN THE BID.
2. THE EXISTING NORTH INTERMEDIATE SCHOOL SHALL BE DEMOLISHED IN ITS ENTIRETY AND DISPOSED OF OFFSITE. THE DEMOLITION AND REMOVAL SCOPE SHALL INCLUDE ALL BUILDING COMPONENTS FROM ROOF TO FOUNDATIONS AND FOOTINGS AS WELL AS ALL SITE UTILITIES ABOVE AND BELOW GRADE TO THE EXTENT INDICATED IN THE CIVIL AND LANDSCAPE DRAWINGS.
3. COORDINATE ABATEMENT AND REMOVAL OF HAZARDOUS MATERIALS PRIOR TO THE BEGINNING OF GENERAL DEMOLITION. REFER TO DIVISION 2 OF THE PROJECT MANUAL FOR HAZARDOUS MATERIALS REPORTS, WORK PLAN, AND REQUIREMENTS.
4. REFER TO PROJECT PHASING PLANS SCHEDULE RELATED TO DEMOLITION OF THE EXISTING BUILDING, SITE MOBILIZATION, AND NEW CONSTRUCTION.
5. REFER TO "FOR REFERENCE ONLY" SHEETS ISSUED WITH THIS DEMOLITION PACKAGE FOR RELATED WORK REQUIRING COORDINATION WITH THE SCOPE OF THIS PHASE OF WORK.
6. THROUGHOUT THE PROJECT, COORDINATE WITH, AND ALLOW FOR OWNER REMOVAL OF LOOSE FURNITURE, EQUIPMENT, AND OTHER SALVAGE ITEMS PRIOR TO THE START OF ABATEMENT OR DEMOLITION.

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320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

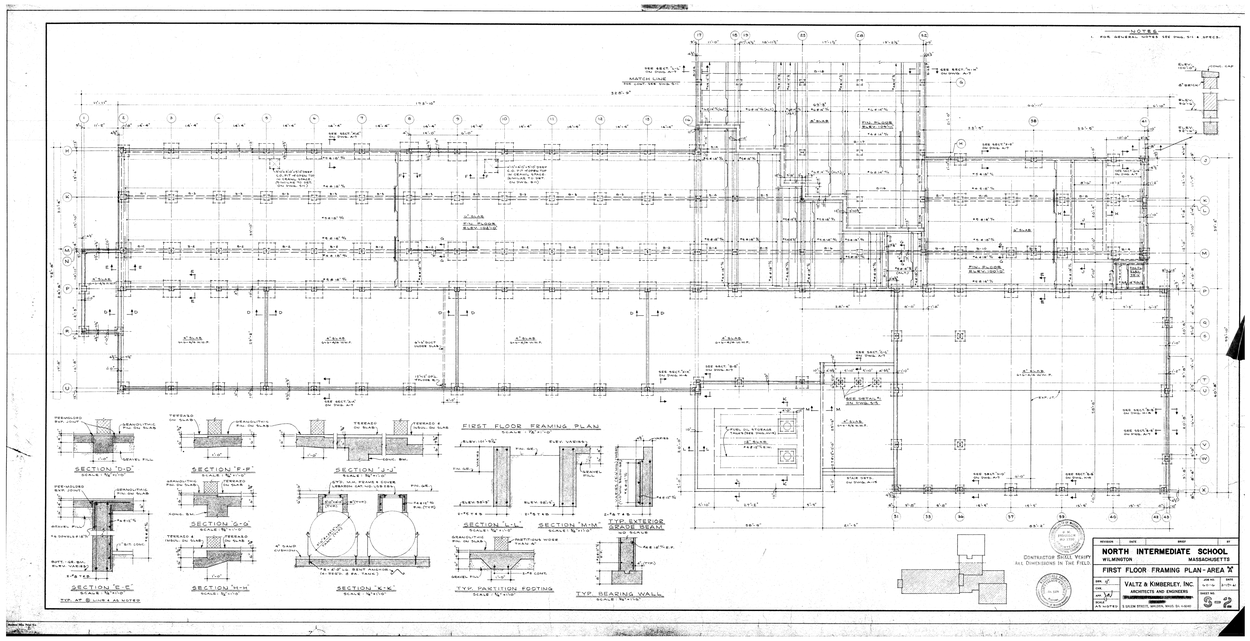
0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE

SHEET TITLE:
DEMOLITION - OVERALL PLANS

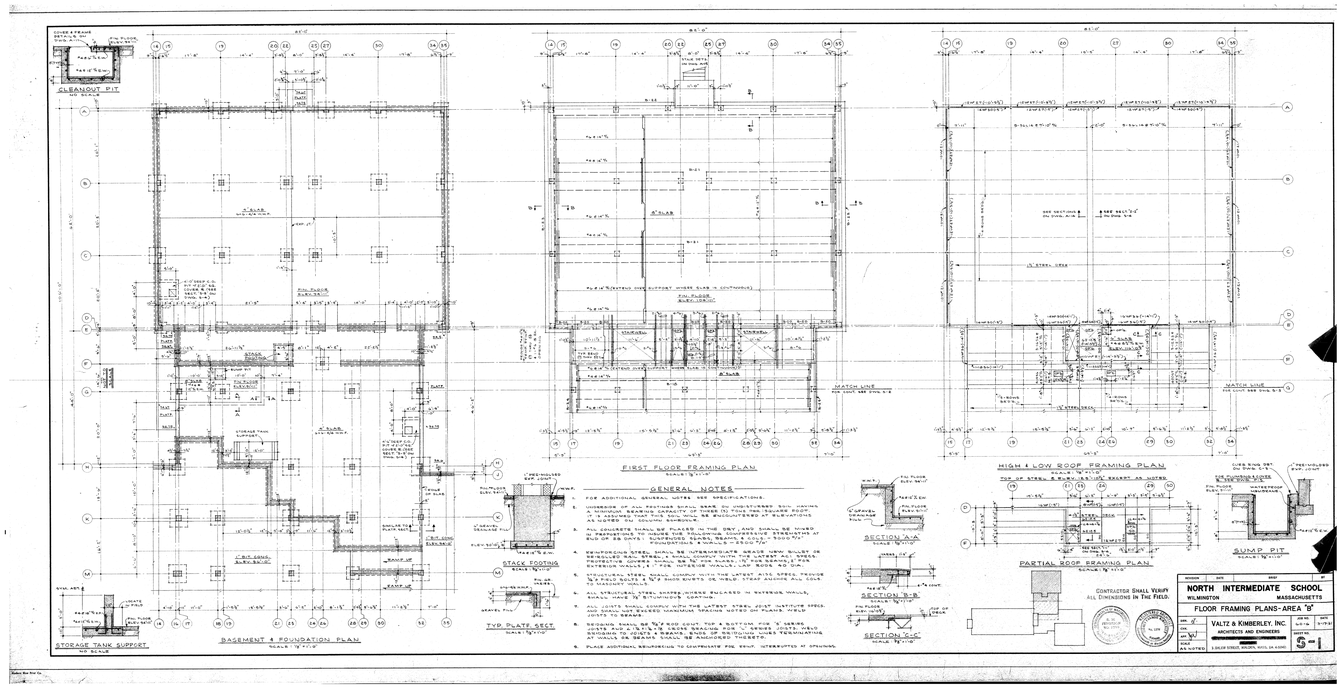
SHEET NUMBER:
GD1.01

GENERAL DEMOLITION NOTES

1. GENERAL DEMOLITION DRAWINGS HAVE BEEN RE-CREATED FROM THE AVAILABLE ORIGINAL CONSTRUCTION DOCUMENTS ISSUED IN 1961. THEY ARE INCLUDED ONLY TO CONVEY THE GENERAL SCOPE OF DEMOLITION REQUIRED. THE PLANS HAVE BEEN SCALED, BASED ON DIMENSIONS AND INFORMATION CONTAINED IN THE REFERENCED CONSTRUCTION DOCUMENTS AND THE DIMENSIONS, CONFIGURATIONS, ELEMENTS, OR ACTUAL CONDITIONS CONTAINED THEREIN HAVE NOT BEEN FIELD VERIFIED. EXISTING BUILDING PHOTOGRAPHS INCLUDED ON THE DEMOLITION DRAWINGS ARE PROVIDED TO CONVEY THE GENERAL SIZE, SHAPE, AND CONFIGURATION OF THE BUILDING. NO VERTICAL DIMENSIONS ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINATION OF THE EXISTING BUILDING TO VERIFY THAT ALL WORK REQUIRED FOR THE GENERAL DEMOLITION OF THE EXISTING BUILDING IS INCLUDED IN THE BID.
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L22 LEVEL 1 EXISTING - FRAMING PLAN (FOR REFERENCE ONLY)
1/16" = 1'-0"



A22 BASEMENT EXISTING - FRAMING PLAN (FOR REFERENCE ONLY)
1/16" = 1'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

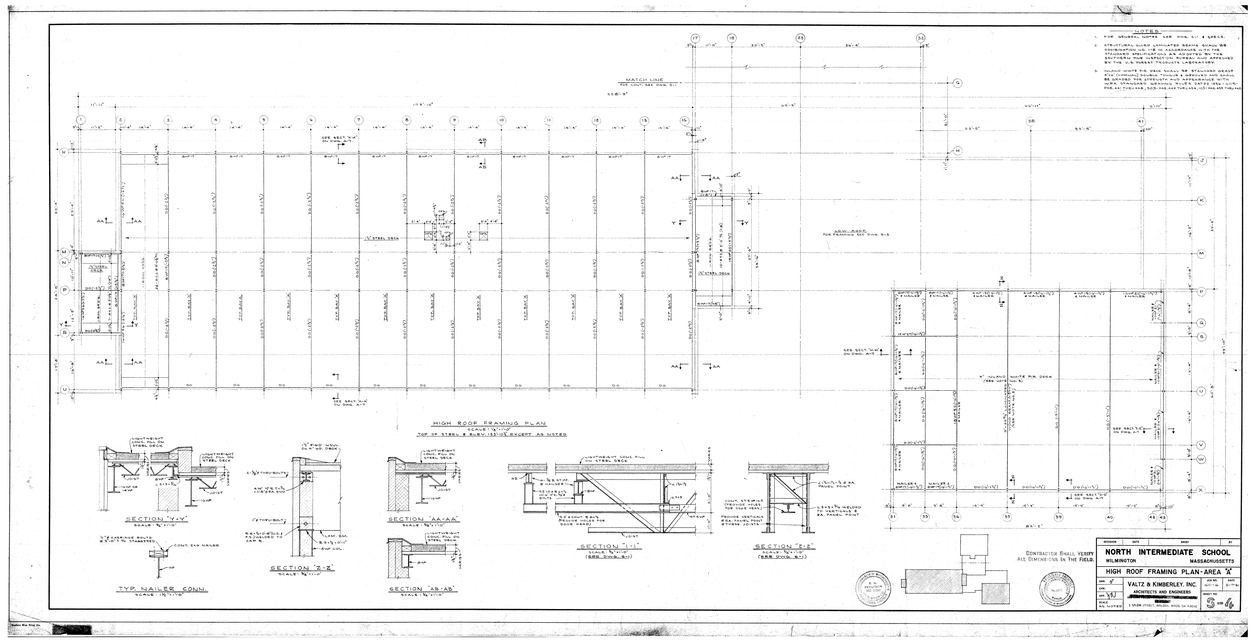
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SCALE: 1/16"=1'-0" GRAPHIC SCALE

SHEET TITLE:
DEMOLITION - OVERALL PLANS

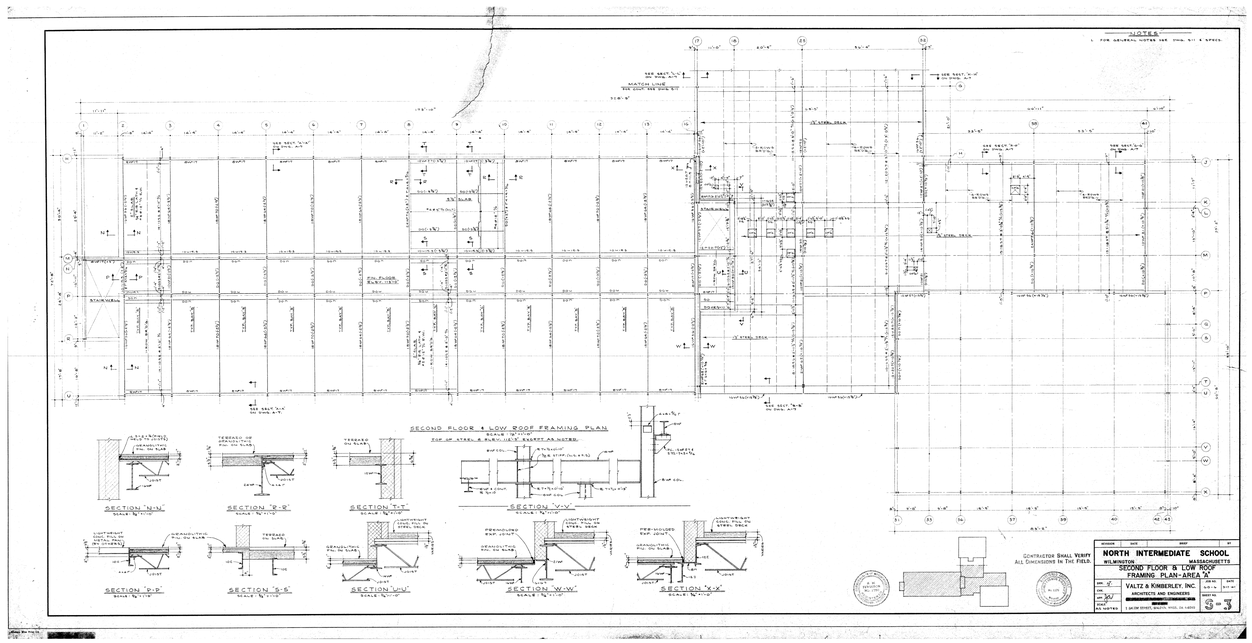
SHEET NUMBER:
GD1.02

GENERAL DEMOLITION NOTES

1. GENERAL DEMOLITION DRAWINGS HAVE BEEN RE-CREATED FROM THE AVAILABLE ORIGINAL CONSTRUCTION DOCUMENTS ISSUED IN 1961. THEY ARE INCLUDED ONLY TO CONVEY THE GENERAL SCOPE OF DEMOLITION REQUIRED. THE PLANS HAVE BEEN SCALED, BASED ON DIMENSIONS AND INFORMATION CONTAINED IN THE REFERENCED CONSTRUCTION DOCUMENTS AND THE DIMENSIONS, CONFIGURATIONS, ELEMENTS, OR ACTUAL CONDITIONS CONTAINED THEREIN HAVE NOT BEEN FIELD VERIFIED. EXISTING BUILDING PHOTOGRAPHS INCLUDED ON THE DEMOLITION DRAWINGS ARE PROVIDED TO CONVEY THE GENERAL SIZE, SHAPE, AND CONFIGURATION OF THE BUILDING. NO VERTICAL DIMENSIONS ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINATION OF THE EXISTING BUILDING TO VERIFY THAT ALL WORK REQUIRED FOR THE GENERAL DEMOLITION OF THE EXISTING BUILDING IS INCLUDED IN THE BID.
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L22 ROOF EXISTING - FRAMING PLAN (FOR REFERENCE ONLY)
1/16" = 1'-0"



A22 LEVEL 2 EXISTING - FRAMING PLAN (FOR REFERENCE ONLY)
1/16" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE

SHEET TITLE:
DEMOLITION - OVERALL PLANS

SHEET NUMBER:
GD1.03

GENERAL DEMOLITION NOTES

1. GENERAL DEMOLITION DRAWINGS HAVE BEEN RE-CREATED FROM THE AVAILABLE ORIGINAL CONSTRUCTION DOCUMENTS ISSUED IN 1961. THEY ARE INCLUDED ONLY TO CONVEY THE GENERAL SCOPE OF DEMOLITION REQUIRED. THE PLANS HAVE BEEN SCALED. BASED ON DIMENSIONS AND INFORMATION CONTAINED IN THE REFERENCED CONSTRUCTION DOCUMENTS AND THE DIMENSIONS, CONFIGURATIONS, ELEMENTS, OR ACTUAL CONDITIONS CONTAINED THEREIN HAVE NOT BEEN FIELD VERIFIED. EXISTING BUILDING PHOTOGRAPHS INCLUDED ON THE DEMOLITION DRAWINGS ARE PROVIDED TO CONVEY THE GENERAL SIZE, SHAPE, AND CONFIGURATION OF THE BUILDING. NO VERTICAL DIMENSIONS ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINATION OF THE EXISTING BUILDING TO VERIFY THAT ALL WORK REQUIRED FOR THE GENERAL DEMOLITION OF THE EXISTING BUILDING IS INCLUDED IN THE BID.
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5. REFER TO "FOR REFERENCE ONLY" SHEETS ISSUED WITH THIS DEMOLITION PACKAGE FOR RELATED WORK REQUIRING COORDINATION WITH THE SCOPE OF THIS PHASE OF WORK.
6. THROUGHOUT THE PROJECT, COORDINATE WITH, AND ALLOW FOR OWNER REMOVAL OF LOOSE FURNITURE, EQUIPMENT, AND OTHER SALVAGE ITEMS PRIOR TO THE START OF ABATEMENT OR DEMOLITION.



P27 EAST ELEVATION 4 - DEMO



P19 EAST ELEVATION 3 - DEMO



P11 NORTH ELEVATION 3 - DEMO



H27 EAST ELEVATION 2 - DEMO



H19 EAST ELEVATION 1 - DEMO



H11 NORTH ELEVATION 1 - DEMO



A27 WEST ELEVATION 3 - DEMO



A19 WEST ELEVATION 2 - DEMO



A11 NORTH ELEVATION 2 - DEMO

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:
DEMOLITION - BUILDING IMAGES

SHEET NUMBER:
GD1.04

GENERAL DEMOLITION NOTES

1. GENERAL DEMOLITION DRAWINGS HAVE BEEN RE-CREATED FROM THE AVAILABLE ORIGINAL CONSTRUCTION DOCUMENTS ISSUED IN 1961. THEY ARE INCLUDED ONLY TO CONVEY THE GENERAL SCOPE OF DEMOLITION REQUIRED. THE PLANS HAVE BEEN SCALED. BASED ON DIMENSIONS AND INFORMATION CONTAINED IN THE REFERENCED CONSTRUCTION DOCUMENTS AND THE DIMENSIONS, CONFIGURATIONS, ELEMENTS, OR ACTUAL CONDITIONS CONTAINED THEREIN HAVE NOT BEEN FIELD VERIFIED. EXISTING BUILDING PHOTOGRAPHS INCLUDED ON THE DEMOLITION DRAWINGS ARE PROVIDED TO CONVEY THE GENERAL SIZE, SHAPE, AND CONFIGURATION OF THE BUILDING. NO VERTICAL DIMENSIONS ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINATION OF THE EXISTING BUILDING TO VERIFY THAT ALL WORK REQUIRED FOR THE GENERAL DEMOLITION OF THE EXISTING BUILDING IS INCLUDED IN THE BID.
2. THE EXISTING NORTH INTERMEDIATE SCHOOL SHALL BE DEMOLISHED IN ITS ENTIRETY AND DISPOSED OF OFFSITE. THE DEMOLITION AND REMOVAL SCOPE SHALL INCLUDE ALL BUILDING COMPONENTS FROM ROOF TO FOUNDATIONS AND FOOTINGS AS WELL AS ALL SITE UTILITIES ABOVE AND BELOW GRADE TO THE EXTENT INDICATED IN THE CIVIL AND LANDSCAPE DRAWINGS.
3. COORDINATE ABATEMENT AND REMOVAL OF HAZARDOUS MATERIALS PRIOR TO THE BEGINNING OF GENERAL DEMOLITION. REFER TO DIVISION 2 OF THE PROJECT MANUAL FOR HAZARDOUS MATERIALS REPORTS, WORK PLAN, AND REQUIREMENTS.
4. REFER TO PROJECT PHASING PLANS SCHEDULE RELATED TO DEMOLITION OF THE EXISTING BUILDING, SITE MOBILIZATION, AND NEW CONSTRUCTION.
5. REFER TO "FOR REFERENCE ONLY" SHEETS ISSUED WITH THIS DEMOLITION PACKAGE FOR RELATED WORK REQUIRING COORDINATION WITH THE SCOPE OF THIS PHASE OF WORK.
6. THROUGHOUT THE PROJECT, COORDINATE WITH, AND ALLOW FOR OWNER REMOVAL OF LOOSE FURNITURE, EQUIPMENT, AND OTHER SALVAGE ITEMS PRIOR TO THE START OF ABATEMENT OR DEMOLITION.



H8 WEST ELEVATION 1 - DEMO



A24 SOUTH ELEVATION 1 - DEMO



A16 SOUTH ELEVATION 2 - DEMO



A8 SOUTH ELEVATION 3 - DEMO

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

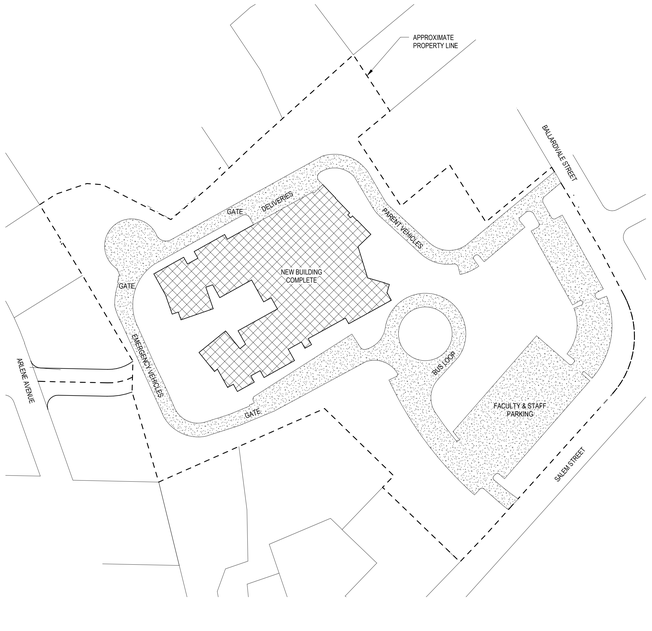
SHEET TITLE:
DEMOLITION - BUILDING IMAGES

SHEET NUMBER:
GD1.05

PHASE 3 LEGEND & NOTES

PHASE 3: SITE COMPLETION AND DEMOBILIZATION

1. REMOVE CONSTRUCTION FENCE AND DEMOBILIZE



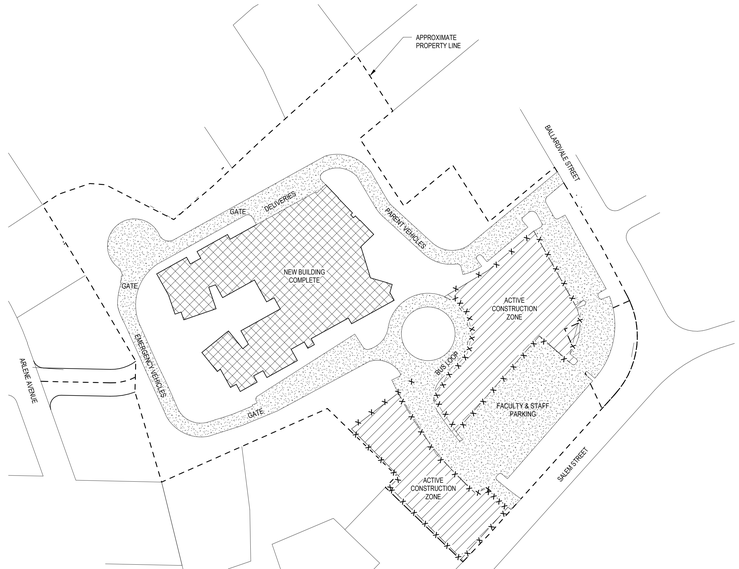
L27 PHASING PLAN - COMPLETED PROJECT
1" = 100'-0"

PHASE 2.2 LEGEND & NOTES

PHASE 2.1: COMPLETE SITE WORK, PAVING AND PLANTINGS. COMPLETE TRAFFIC SIGNAGE AND SIGNALS AT BALLARDVALE STREET ENTRY AND ASSOCIATED CROSSWALKS.

PHASE DURATION: AUGUST 2028 - NOVEMBER 2028

1. RELOCATE CONSTRUCTION FENCE AND EROSION CONTROL.
2. CONSTRUCT GRADE 3-5 PLAYGROUND AND SPORT FIELD.
3. COMPLETE LANDSCAPE AND SITE FURNISHING.
4. COMPLETE SIDEWALK AND CURBING WORK ALONG BALLARDVALE STREET. MINIMIZE WORK IN PUBLIC RIGHT OF WAY. COORDINATE WORK IN ROADWAY WITH OWNER AND CITY.
5. COMPLETE PAVING TOP COAT AT ALL NEW PAVED AREAS. COORDINATE FINAL PAVING WITH OWNER / SCHOOL VACATIONS.
6. PROVIDE AND INSTALL CONSTRUCTION FENCE AS SHOWN, REFER TO CIVIL DRAWINGS FOR DETAILS.
7. ABATE AND DEMOLISH EXISTING SCHOOL. REFER TO DEMOLITION AND HAZARDOUS MATERIALS SPECIFICATIONS AND DEMOLITIONS DRAWINGS.
8. COMPLETE SITE UTILITIES, FINAL GRADING, PLANTINGS, SITE FURNISHINGS, AND SEEDING.



L19 PHASING PLAN - PHASE 2.2
1" = 100'-0"

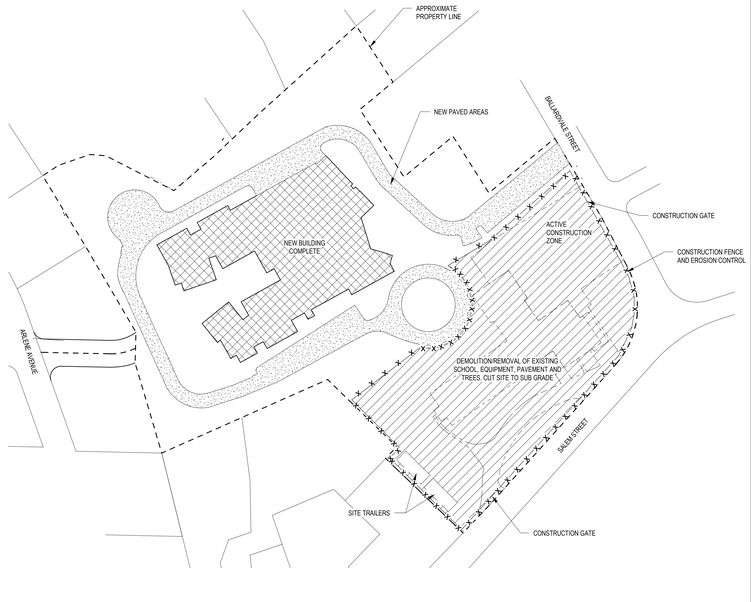
PHASE 2.1 LEGEND & NOTES

PHASE 2.1: TURN OVER NEW SITE ENTRY FOR OWNER USE. ABATEMENT AND DEMOLITION OF EXISTING NORTH INTERMEDIATE SCHOOL. COMPLETE SITE WORK, PAVING AND PLANTINGS. COMPLETE TRAFFIC SIGNAGE AND SIGNALS AT BALLARDVALE STREET ENTRY AND ASSOCIATED CROSSWALKS.

PHASE DURATION: JUNE 2028 - AUGUST 2028

SITE PREP:
RELOCATE PERIMETER CONSTRUCTION FENCING AND EROSION CONTROLS. MAINTAIN PERIMETER EROSION CONTROLS AND/OR PLANTING PROTECTION REQUIRED TO REMAIN DURING THIS PHASE. REFER TO CIVIL AND LANDSCAPE DRAWINGS. RELOCATE CONSTRUCTION ENTRANCE FROM BALLARDVALE STREET AND ADD FROM SALEM STREET. DEMOBILIZE OR RELOCATE LAYDOWN AREAS, FIELD OFFICES AND CONTRACTOR PARKING.

1. REMOVE STOCKADE FENCE AT NORTH, EAST AND WEST PROPERTY LINE. ABUTTER'S FENCE TO REMAIN
2. RELOCATE CONSTRUCTION ENTRANCE. FIELD COORDINATE LOCATION WITH OWNER AND CITY. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION. REMOVAL OF EXISTING CURBING AND PAVING MAY BE NECESSARY TO ESTABLISH CONTRACTOR ENTRY.
3. COMPLETE SIDEWALK AND CURBING WORK ALONG BALLARDVALE STREET. MINIMIZE WORK IN PUBLIC RIGHT OF WAY. COORDINATE WORK IN ROADWAY WITH OWNER AND CITY.
4. COMPLETE PAVING TOP COAT AT ALL NEW PAVED AREAS. COORDINATE FINAL PAVING WITH OWNER / SCHOOL VACATIONS.
5. PROVIDE AND INSTALL CONSTRUCTION FENCE AS SHOWN, REFER TO CIVIL DRAWINGS FOR DETAILS.
6. ABATE AND DEMOLISH EXISTING SCHOOL. REFER TO DEMOLITION AND HAZARDOUS MATERIALS SPECIFICATIONS AND DEMOLITIONS DRAWINGS.
7. COMPLETE SITE UTILITIES, FINAL GRADING, PLANTINGS, SITE FURNISHINGS, AND SEEDING.



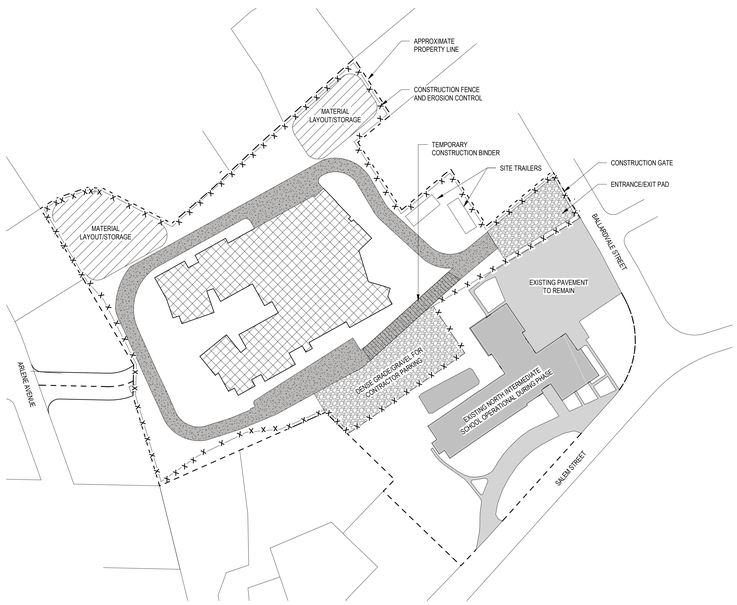
L9 PHASING PLAN - PHASE 2.1
1" = 100'-0"

PHASE 1.2 LEGEND & NOTES

PHASE 1.2: NEW SCHOOL AND SITE CONSTRUCTION

PHASE DURATION: SEPTEMBER 2026 - JUNE 2028

1. BUILDING AND UTILITY CONSTRUCTION ONGOING.
2. PROTECT EXISTING ABUTTER'S FENCE TO REMAIN.
3. EXISTING PARKING AREA TO REMAIN DURING PHASE 2.
4. CONSTRUCT DRAINAGE CHAMBERS, STRUCTURES AND PIPING
5. PROTECT AND MAINTAIN EXISTING UTILITY CONNECTIONS TO EXISTING NORTH INTERMEDIATE SCHOOL (WATER, SEWER, DRAINAGE, ELECTRICAL, GAS, AND TELEPHONE/FIRE ALARM).
6. COORDINATE CONNECTION OF NEW UTILITIES THROUGH SITE ENTRY WITH OWNER AND APPROPRIATE UTILITY COMPANIES. REFER TO CIVIL & MEPFP DRAWINGS. ALL NEW BUILDING UTILITIES WILL BE REQUIRED TO BE CONNECTED AND OPERATIONAL TO ACHIEVE SUBSTANTIAL COMPLETION OF THE PHASE.
7. PROVIDE TEMPORARY CONNECTIONS OF SITE UTILITIES THAT REQUIRE EXTENSION / COMPLETION DURING SUBSEQUENT PHASES. REFER TO CIVIL & MEPFP DRAWINGS.



A27 PHASING PLAN - PHASE 1.2
1" = 100'-0"

PHASE 1.1 LEGEND & NOTES

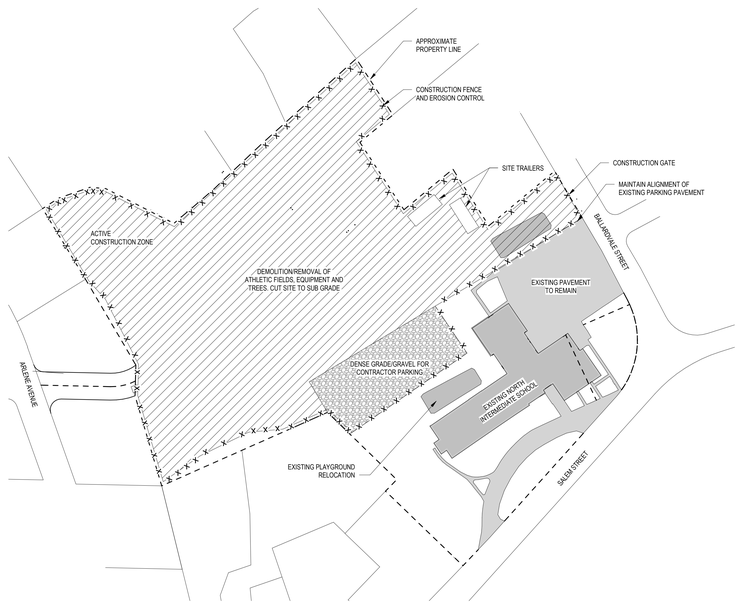
PHASE 1.1: EARLY ENABLING, SITE WORK

PHASE DURATION: JUNE 2026 - AUGUST 2026

SITE PREP:
INSTALL TEMPORARY FENCING AND TEMPORARY PAVED PEDESTRIAN PATHS TO ISOLATE CONSTRUCTION ACTIVITIES FROM OCCUPIED PORTIONS OF THE SITE PRIOR TO MOBILIZING ON SITE OR BEGINNING ANY WORK ON TEMPORARY CONSTRUCTION OR STAGING. SITE FENCE AT NORTH SIDE OF EXISTING SCHOOL SHALL PROVIDE A MIN. 6'-0" CLEARANCE FROM EXISTING BUILDING OR STRUCTURES UNLESS NOTED AS OTHERWISE. FENCING SHALL BE ADJUSTED AS NECESSARY FOR EACH PHASE.

ESTABLISH EROSION CONTROLS AND SITE OR PLANT PROTECTION FOR PHASE 1, REFER TO CIVIL AND LANDSCAPE DRAWINGS. REFER TO ENLARGED PLANS AND SECTIONS FOR ADDITIONAL FENCING OR PROTECTION MEASURERS. INSTALL CONSTRUCTION ENTRANCE FROM BALLARDVALE STREET. ESTABLISHING TEMPORARY PAVING AND/OR LAYDOWN AREAS, FIELD OFFICES, AND CONTRACTOR PARKING.

1. INSTALL TEMPORARY STOCKADE FENCE DIRECTLY ADJACENT TO ABUTTING PROPERTY PRIOR TO MOBILIZING ON SITE OR PERFORMING ANY WORK ON TEMPORARY CONSTRUCTION ENTRANCE OR STAGING. STOCKADE FENCE TO BE MINIMUM 6'-0" HIGH WITH WOOD PANELS OR SHEETS TO OBSTRUCT VIEW FROM NEIGHBORING PROPERTY.
2. PROTECT EXISTING ABUTTER'S FENCE TO REMAIN.
3. PROVIDE AND INSTALL CONSTRUCTION ENTRANCE AND GRAVEL ROADWAY. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION. REMOVAL OF EXISTING CURBING AND PAVING MAY BE NECESSARY TO ESTABLISH CONTRACTOR ENTRY. PROTECT EXISTING UTILITIES AND MAINTAIN OR PROVIDE TEMPORARY PUBLIC SIDEWALK.
4. MINIMIZE WORK IN PUBLIC RIGHT OF WAY OR STREET. COORDINATE ANY WORK IN PUBLIC RIGHT OF WAY WITH OWNER AND/OR CITY. IF AND WHEN WORK IS REQUIRED, COORDINATE SCHEDULING WITH THE OWNER.
5. PROVIDE CONCRETE TRAFFIC BARRIERS FOR PROTECTED PEDESTRIAN WALK.
6. MODIFY OR REMOVE EXISTING CURBING AND PROVIDE TEMPORARY BITUMINOUS PEDESTRIAN PAVING TO ACCOMMODATE CONTRACTOR, PEDESTRIAN, AND OWNER VEHICULAR TRAFFIC.
7. EXISTING PARKING AREA TO REMAIN DURING PHASE 1.
8. DO NOT OBSTRUCT OR ALTER OWNER / NORTH INTERMEDIATE SCHOOL ENTRANCE. NO CONSTRUCTION TRAFFIC WILL BE PERMITTED TO USE THIS SITE ACCESS POINT.
9. PROVIDE AND INSTALL CONSTRUCTION FENCE AS SHOWN, REFER TO CIVIL DRAWINGS.
10. EXISTING PLAYGROUND EQUIPMENT TO BE REMOVED AND RELOCATED. PROVIDE PLAY SURFACING TO ACCOMMODATE PLAYGROUND EQUIPMENT.
11. PROTECT AND MAINTAIN EXISTING UTILITY CONNECTIONS TO EXISTING NORTH INTERMEDIATE SCHOOL (WATER, SEWER, DRAINAGE, ELECTRICAL, GAS, AND TELEPHONE/FIRE ALARM).
12. COORDINATE CONNECTION OF NEW UTILITIES THROUGH SITE ENTRY WITH OWNER AND APPROPRIATE UTILITY COMPANIES. REFER TO CIVIL & MEPFP DRAWINGS. ALL NEW BUILDING UTILITIES WILL BE REQUIRED TO BE CONNECTED AND OPERATIONAL TO ACHIEVE SUBSTANTIAL COMPLETION OF THE PHASE.
13. PROVIDE TEMPORARY CONNECTIONS OF SITE UTILITIES THAT REQUIRE EXTENSION / COMPLETION DURING SUBSEQUENT PHASES. REFER TO CIVIL & MEPFP DRAWINGS.
14. PROTECT AND MAINTAIN PEDESTRIAN PATHWAYS, STAIRWAYS, AND OWNER ACCESS TO DUMPSTER AND TRANSFORMER ENCLOSURE DURING CONSTRUCTION.
15. REMOVE AND DISPOSE OF EXISTING TREES AND STUMPS, EXISTING BENCHES, FENCE, BACKSTOP, GATE AND POSTS, METAL SOCCER GOALS. REFER TO LANDSCAPE SPECIFICATIONS AND DRAWINGS.



A13 PHASING PLAN - PHASE 1.1
1" = 100'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

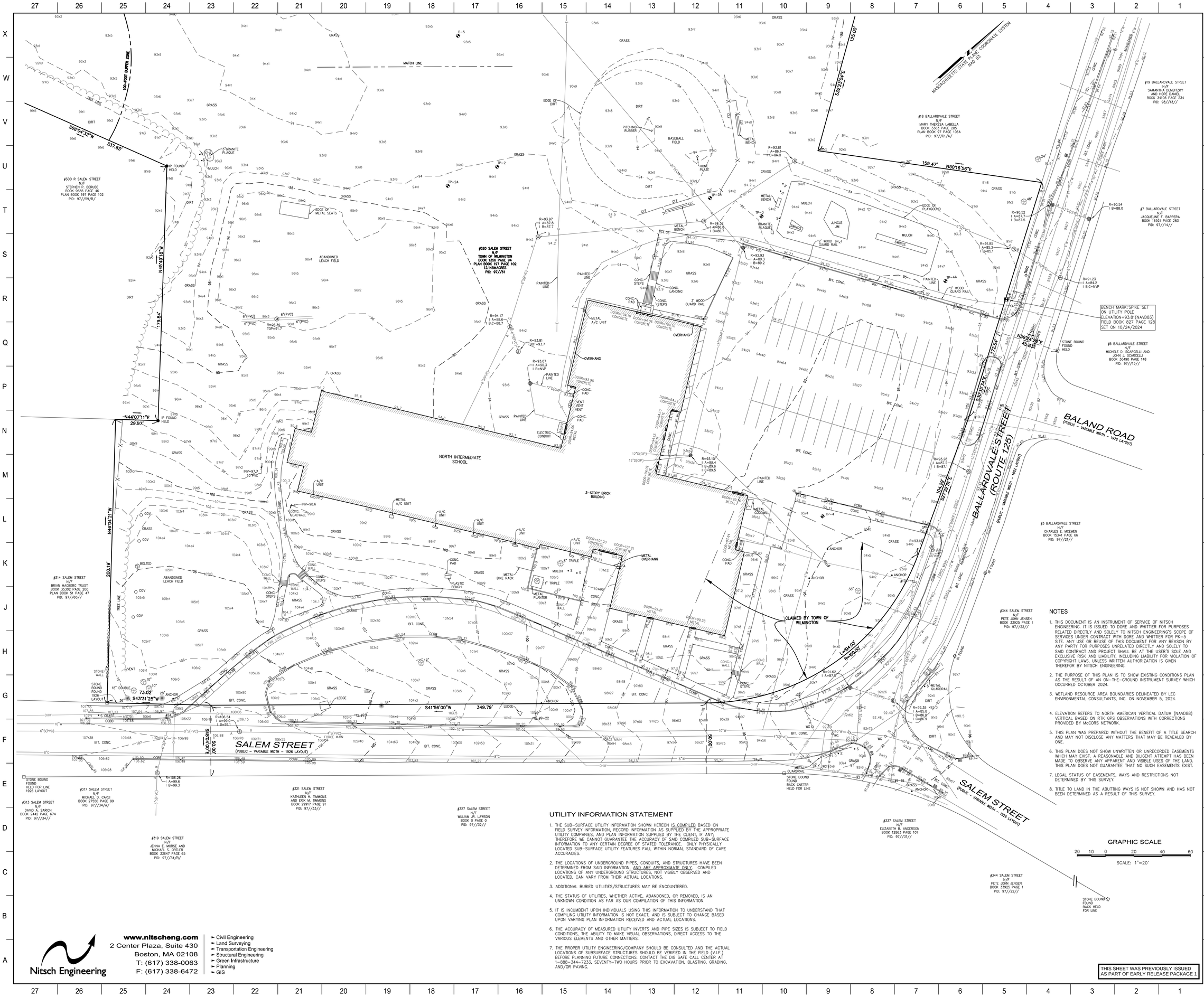
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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:
PHASING PLANS

SHEET NUMBER:
GP1.10



UTILITY INFORMATION STATEMENT

1. THE SUB-SURFACE UTILITY INFORMATION SHOWN HEREON IS COMPILED BASED ON FIELD SURVEY INFORMATION, RECORD INFORMATION AS SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES, AND PLAN INFORMATION SUPPLIED BY THE CLIENT, IF ANY. THEREFORE WE CANNOT GUARANTEE THE ACCURACY OF SAID COMPILED SUB-SURFACE INFORMATION TO ANY CERTAIN DEGREE OF STATED TOLERANCE. ONLY PHYSICALLY LOCATED SUB-SURFACE UTILITY FEATURES FALL WITHIN NORMAL STANDARD OF CARE ACCURACIES.
2. THE LOCATIONS OF UNDERGROUND PIPES, CONDUITS, AND STRUCTURES HAVE BEEN DETERMINED FROM SAID INFORMATION, AND ARE APPROXIMATE ONLY. COMPILED LOCATIONS OF ANY UNDERGROUND STRUCTURES, NOT VISIBLY OBSERVED AND LOCATED, CAN VARY FROM THEIR ACTUAL LOCATIONS.
3. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED.
4. THE STATUS OF UTILITIES, WHETHER ACTIVE, ABANDONED, OR REMOVED, IS AN UNKNOWN CONDITION AS FAR AS OUR COMPILATION OF THIS INFORMATION.
5. IT IS INCUMBENT UPON INDIVIDUALS USING THIS INFORMATION TO UNDERSTAND THAT COMPILING UTILITY INFORMATION IS NOT EXACT, AND IS SUBJECT TO CHANGE BASED UPON VARYING PLAN INFORMATION RECEIVED AND ACTUAL LOCATIONS.
6. THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES IS SUBJECT TO FIELD CONDITIONS, THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT ACCESS TO THE VARIOUS ELEMENTS AND OTHER MATTERS.
7. THE PROPER UTILITY ENGINEERING/COMPANY SHOULD BE CONSULTED AND THE ACTUAL LOCATIONS OF SUBSURFACE STRUCTURES SHOULD BE VERIFIED IN THE FIELD (V.I.F.) BEFORE PLANNING FUTURE CONNECTIONS. CONTACT THE DIG SAFE CALL CENTER AT 1-888-344-7233, SEVENTY-TWO HOURS PRIOR TO EXCAVATION, BLASTING, GRADING, AND/OR PAVING.

NOTES

1. THIS DOCUMENT IS AN INSTRUMENT OF SERVICE OF NITSCH ENGINEERING. IT IS ISSUED TO DORE AND WHITTIER FOR PURPOSES RELATED DIRECTLY AND SOLELY TO NITSCH ENGINEERING'S SCOPE OF SERVICES UNDER CONTRACT WITH DORE AND WHITTIER FOR PK-5 SITE. ANY USE OR REUSE OF THIS DOCUMENT FOR ANY REASON BY ANY PARTY FOR PURPOSES UNRELATED DIRECTLY AND SOLELY TO SAID CONTRACT AND PROJECT SHALL BE AT THE USER'S SOLE AND EXCLUSIVE RISK AND LIABILITY, INCLUDING LIABILITY FOR VIOLATION OF COPYRIGHT LAWS, UNLESS WRITTEN AUTHORIZATION IS GIVEN THEREFOR BY NITSCH ENGINEERING.
2. THE PURPOSE OF THIS PLAN IS TO SHOW EXISTING CONDITIONS PLAN AS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY WHICH OCCURRED OCTOBER 2024.
3. WETLAND RESOURCE AREA BOUNDARIES DELINEATED BY LEC ENVIRONMENTAL CONSULTANTS, INC. ON NOVEMBER 5, 2024.
4. ELEVATION REFERS TO NORTH AMERICAN VERTICAL DATUM (NAVD88) VERTICAL BASED ON RTK GPS OBSERVATIONS WITH CORRECTIONS PROVIDED BY MaCORS NETWORK.
5. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH AND MAY NOT DISCLOSE ANY MATTERS THAT MAY BE REVEALED BY ONE.
6. THIS PLAN DOES NOT SHOW UNWRITTEN OR UNRECORDED EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT AND VISIBLE USES OF THE LAND. THIS PLAN DOES NOT GUARANTEE THAT NO SUCH EASEMENTS EXIST.
7. LEGAL STATUS OF EASEMENTS, WAYS AND RESTRICTIONS NOT DETERMINED BY THIS SURVEY.
8. TITLE TO LAND IN THE ABUTTING WAYS IS NOT SHOWN AND HAS NOT BEEN DETERMINED AS A RESULT OF THIS SURVEY.

GRAPHIC SCALE

20 10 0 20 40 60

SCALE: 1"=20'

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

COMMONWEALTH OF MASSACHUSETTS
MARK E. VIOLETTE
#40768
REGISTERED PROFESSIONAL ENGINEER
Mark Violette
02.13.26

REVISIONS:

NO.	DATE	TITLE
1	02-13-26	REV. WETLAND DESIGNATION

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLAN

SHEET TITLE:

EXISTING CONDITIONS PLAN

SHEET NUMBER:

EX-1.0

LEGEND

	CATCH BASIN
CATV	CABLE TELEVISION MANHOLE
D	DRAIN MANHOLE
E	ELECTRIC MANHOLE
M	MISCELLANEOUS MANHOLE
S	SEWER MANHOLE
T	TELEPHONE MANHOLE
W	WATER MANHOLE
GSO	GAS SHUT-OFF
WSO	WATER SHUT-OFF
GG	GAS GATE
WG	WATER GATE
ICV	IRRIGATION CONTROL VALVE
CLEANOUT	CLEANOUT
BWW	BOSTON WATER WORKS
	FIRE HYDRANT
DS	DOWN SPOUT
UP	UTILITY POLE
UP W/ UE	UTILITY POLE WITH CONDUIT LINE TO GROUND
	LIGHT POLE
LB	LIGHT BOLLARD
LL	LANDSCAPE LIGHT
HH	HAND HOLE
TC	TRASH CAN
FACB	FIRE ALARM CALL BOX
MP	METAL POST
CP	CONC. POST
PM	PARKING METER
S	SIGN POST
TMA	TRAFFIC MAST ARM
TRSG	TRAFFIC SIGNAL
PED	PEDESTRIAN SIGNAL
12"	DECIDUOUS TREE WITH TRUNK DIAMETER
12"	CONIFEROUS TREE WITH TRUNK DIAMETER

	HANDICAP PARKING
60in43	SPOT ELEVATION
CLF	CHAIN LINK FENCE
BB	BIT. CONC. BERM
SGC	SLOPED GRANITE CURB
VGC	VERTICAL GRANITE CURB
VCC	VERTICAL CONC. CURB
WCR	WHEELCHAIR RAMP
LST	LANDSCAPE TIMBER
R=	RIM ELEVATION EQUALS
I=	INVERT ELEVATION EQUALS
TH=	TOP OF HOOD ELEVATION EQUALS
NPV	NO PIPES VISIBLE
TOW=	TOP OF WATER
TCB	TRAFFIC CONTROL BOX
ULD	UNDERGROUND LOOP DETECTOR
DWP	DETECTABLE WARNING PANEL
60in43TW	TOP OF WALL ELEVATION
CATV	UNDERGROUND CABLE TELEVISION LINE
D	UNDERGROUND DRAIN LINE
E	UNDERGROUND ELECTRIC LINE
G	UNDERGROUND GAS LINE
S	UNDERGROUND SEWER LINE
T	UNDERGROUND TELEPHONE LINE
W	UNDERGROUND WATER LINE
OHW	OVERHEAD WIRES
	MONITORING WELL
	BENCH MARK
IR	REBAR
IP	IRON PIPE
SB	STONE BOUND
CB	CONC. BOUND
DH	DRILL HOLE

MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NAD 83

BENCH MARK:SPIKE SET ON UTILITY POLE ELEVATION=93.67(NAVD 83) FIELD BOOK 827 PAGE 128 SET ON 10/24/2024

#11 ARLENE AVENUE N/F LAURA TOWNSEND AND SAMUEL DEMMAS BOOK 29097 PAGE 143 PID: A-90/54//

#9 ARLENE AVENUE N/F JOHN F. CARROLL & KATHLEEN CARROLL BOOK 2027 PAGE 447 PLAN BOOK 87 PAGE 151 PID: 97//43//

#7 ARLENE AVENUE N/F KAREN M. LEE & KAREN M. DORAN BOOK 25691 PAGE 59 PLAN BOOK 87 PAGE 151 PID: 97//44//

#5 ARLENE AVENUE N/F DEREK W. FEENEY & MICHELLE C. FEENEY BOOK 24086 PAGE 207 PLAN BOOK 87 PAGE 151 PID: 97//55//

#3 ARLENE AVENUE N/F GARY M. AND JENNIFER MORETTO BOOK 17677 PAGE 195 PLAN BOOK 96 PAGE 1 PID: 97//56//

#298 R SALEM STREET N/F ERIN M. PIERRI AND VINCENT G. PIERRI BOOK 33582 PAGE 168 PLAN BOOK 197 PAGE 102 PID: 97//59/C/

#300 R SALEM STREET N/F STEPHEN P. BERUBE BOOK 9685 PAGE 46 PLAN BOOK 197 PAGE 102 PID: 97//59/B/

#320 SALEM STREET N/F TOWN OF WILMINGTON BOOK 1356 PAGE 94 PLAN BOOK 197 PAGE 102 12.1455-ACRES PID: 97//61

#40 BALLARDVALE STREET N/F AVALON PROPERTIES INC BOOK 9153 PAGE 53 PLAN BOOK 101 PAGE 66 PID: 98//4//

#36 BALLARDVALE STREET N/F MERE MEDEIROS PINTO BOOK 19488 PAGE 193 PLAN BOOK 200 PAGE 23 PID: 98//1/B/

#34 BALLARDVALE STREET N/F ANTONIO A. FARIAS BOOK 36731 PAGE 176 PLAN BOOK 200 PAGE 23 PID: 98//1/A/

#24 BALLARDVALE STREET N/F SEAN KENNEY AND KAREN KENNEY BOOK 32640 PAGE 13 PLAN BOOK 78 PAGE 458 PID: 97//67//

ARLENE AVENUE

100-FOOT BUFFER ZONE

BORDERING VEGETATED WETLAND

MATCH LINE

POSSIBLE ENCROACHMENT OF PATIO, CHICKEN COOP, AND LAWN

GRAPHIC SCALE
40 20 0 40 80 120
SCALE: 1"=40'

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Mark Violette
02.13.26

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KEY PLAN

ORIENTATION AND SCALE:

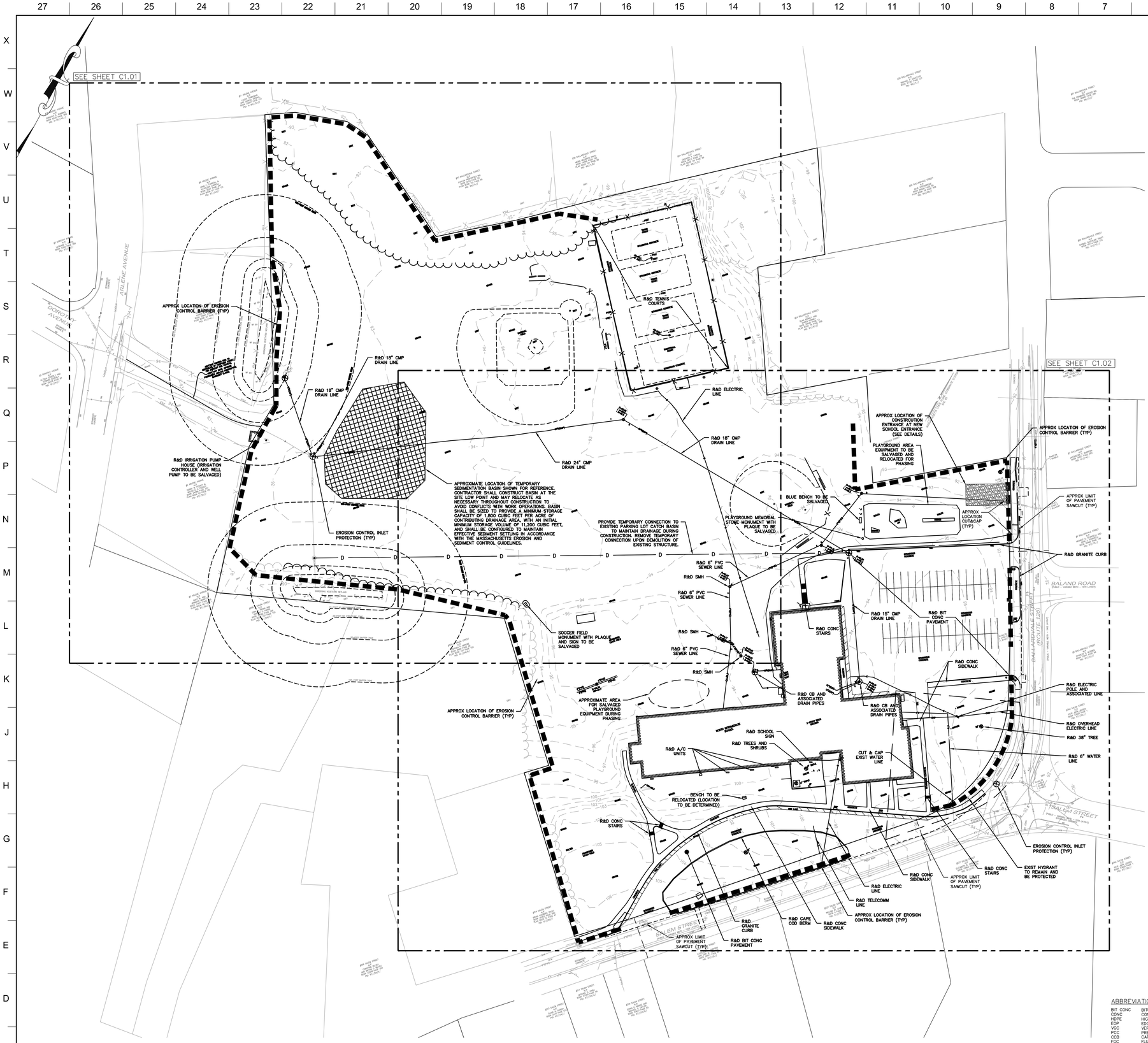
SEE PLAN

SHEET TITLE:

EXISTING CONDITIONS PLAN

SHEET NUMBER:

EX-1.1



GENERAL CONSTRUCTION AND DEMOLITION NOTES:

1. PRIOR TO THE START OF CONSTRUCTION, NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION. THE CONTRACTOR IS ADVISED THAT THE LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND THAT ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES NOT SCHEDULED FOR DEMOLITION.
2. EXCEPT AS REQUIRED TO PERFORM SPECIFIC WORK ACTIVITIES RELATED TO UTILITY CONNECTIONS, CONTRACTOR SHALL CONFINE HIS OPERATIONS INCLUDING ALL STOCKPILES, STORAGE, AND STAGING, TO WITHIN THE LIMIT OF WORK. STOCKPILE DEMOLITION MATERIAL AND/OR EXCAVATED MATERIAL IN ACCORDANCE WITH SPECIFICATION SECTION 017419-DEMOLITION WASTE MANAGEMENT AND DISPOSAL.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE-RELATED DUST CONTROL. CONTRACTOR TO PREPARE AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT, INCLUDING A NPDES DEWATERING PERMIT.
4. THE CONTRACTOR MAY ELECT TO USE ONE OF THE FIRE HYDRANTS INDICATED ON THE DRAWINGS AS A WATER SERVICE FOR DEMOLITION/CONSTRUCTION ACTIVITIES. PRIOR TO THE USE OF THIS SERVICE, THE CONTRACTOR SHALL COORDINATE WITH THE WILMINGTON WATER DEPARTMENT TO OBTAIN WATER SERVICE. IF USED, THE CONTRACTOR SHALL INSTALL A TEMPORARY METERED WATER LINE WITH BACKFLOW PREVENTER AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER, AND SHALL PROVIDE PROTECTION FOR THE HYDRANT.
5. THE CONTRACTOR SHALL MAKE ALL NECESSARY APPLICATIONS AND ARRANGEMENTS WITH UTILITY PROVIDERS FOR TEMPORARY ELECTRICAL SERVICE FOR DEMOLITION/CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL PROVIDE AND PAY FOR ALL TEMPORARY WIRING, SWITCHES, CONNECTIONS, METERS AND SERVICE. CONTRACTOR SHALL REMOVE ALL TEMPORARY EQUIPMENT NOTED ABOVE AFTER COMPLETION OF WORK. THE CONTRACTOR MAY, AT HIS OWN EXPENSE, UTILIZE TEMPORARY GENERATORS TO PROVIDE POWER FOR DEMOLITION/CONSTRUCTION ACTIVITIES. SEE SPECIFICATION SECTION 015000-TEMPORARY FACILITIES AND CONTROLS.
6. THE CONTRACTOR SHALL PROVIDE TEMPORARY CHAIN LINK CONSTRUCTION FENCE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A PLAN CONFIRMING THE LOCATION OF THE CONSTRUCTION FENCE, ACCESS GATES AND CONSTRUCTION ENTRANCES, AND ANY APPLICABLE PHASES, FOR APPROVAL BY THE OWNER. FENCE SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION 015000-TEMPORARY FACILITIES AND CONTROLS.
7. CONTRACTOR'S SHALL PREPARE A CONSTRUCTION MANAGEMENT PLAN (CMP) SHOWING PHASES, AND ASSUMED LOCATIONS OF STAGING, STOCKPILE AREAS, CONSTRUCTION ENTRANCES, AND EROSION CONTROL BETWEEN PHASES. FINAL STAGING AND STOCKPILE AREAS TO BE FINALIZED UPON APPROVAL OF THE PLANS AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ALSO PREPARED BY THE CONTRACTOR..
8. CONTRACTOR SHALL BE RESPONSIBLE FOR WHEEL CLEANING OF ALL CONSTRUCTION VEHICLES BEFORE EXITING THE SITE. ANY TRACKED DIRT FROM CONTRACTOR OR SUBCONTRACTOR VEHICLES ONTO THE ACCESS ROAD OR PUBLIC RIGHTS OF WAY SHALL BE SWEPT UP AT THE CONTRACTORS EXPENSE.
9. CONTRACTOR SHALL DEMOLISH AND REMOVE ALL BITUMINOUS CONCRETE PAVING, INCLUDING AREAS OF PARTIAL PAVING WITHIN THE LIMIT OF WORK, AS INDICATED ON THE PLANS.
10. THE CONTRACTOR IS ADVISED THAT THE LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND THAT ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO THE START OF CONSTRUCTION AND DEMOLITION ACTIVITIES THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES NOT SCHEDULED FOR DEMOLITION. CONTRACTOR SHALL COORDINATE DEMOLITION OF ALL UTILITIES.
11. REMOVAL OF ANY WORK OR ITEM SHALL INCLUDE OFFSITE LEGAL DISPOSAL OF SAME. ALL REMOVAL AND DISPOSAL WORK SHALL BE PERFORMED IN A SAFE AND LEGAL MANNER. THE CONTRACTOR'S DISPOSAL PRACTICE OF ANY EXCESS MATERIAL SHALL COMPLY WITH ALL FEDERAL, STATE, AND MUNICIPAL WASTE MANAGEMENT LAWS AND REGULATION.
12. THE CONTRACTOR SHALL RELOCATE ALL ITEMS SCHEDULED TO REMAIN AWAY FROM THE CONSTRUCTION AREA, AND PROTECT AGAINST DUST AND MOISTURE AS NEEDED. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL RETURN THESE ITEMS UNDAMAGED TO THEIR ORIGINAL LOCATIONS. ANY ITEM DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND, AT NO COST TO THE OWNER.
13. ALL LOCATIONS OF INDIVIDUAL EXISTING TREES MAY NOT BE SHOWN, TREES 12" AND LARGER AND SHRUBS ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL REMOVE TREES, BUSHES, AND OTHER VEGETATION IN THE WORK AREA ONLY AS REQUIRED TO COMPLETE THE NEW WORK AND SHALL MAKE EVERY EFFORT TO MINIMIZE THE AMOUNT OF VEGETATION DISTURBED. THE CONTRACTOR SHALL REPLACE ALL DAMAGED VEGETATION TO REMAIN IN KIND FOLLOWING THE COMPLETION OF THE WORK. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL TREES AND SHRUBS.
14. ALL EXISTING STRUCTURES, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITIES, WALKWAYS, RETAINING WALLS, PLANTING BEDS, TREES, FENCES, BENCHES, AND PLANTING GRATES NOT SUBJECTED TO THE SCOPE OF WORK SHALL BE PROTECTED DURING THE WORK.
15. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING AND HARDSCAPING AFFECTED BY THE DEMOLITION AND CONSTRUCTION ACTIVITIES IN KIND. THE CONTRACTOR SHALL PROVIDE TREE PROTECTION AS SPECIFIED IN THE DETAILS FOR ALL TREES TO BE PRESERVED IN THE WORK AREA.
16. THE CONTRACTOR IS ADVISED TO DISTURB VEGETATION AND PAVEMENT AS LITTLE AS POSSIBLE.
17. ANY ITEM OR STRUCTURE DAMAGED BEYOND THE LIMITS OF WORK SHALL BE REPLACED IN KIND BY THE CONTRACTOR, AT HIS OWN EXPENSE.
18. PROVIDE SHORING OR UNDERPINNING AS NECESSARY TO PROTECT EXISTING STRUCTURES.
18. EXISTING STRUCTURES, LANDSCAPING, AND HARDSCAPING ARE PRESENT IN AND BEYOND THE LIMITS OF WORK BUT NOT NECESSARILY SHOWN HEREON. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES IN PLACE DURING THE ENTIRE DURATION OF THE PROJECT. OR IF ACCEPTABLE TO THE OWNER, HARDSCAPE ITEMS SUCH AS FENCES AND GUARDRAILS MAY BE REMOVED AND RESET, WITHOUT DAMAGE. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES.
19. CONTRACTOR TO PROTECT EXISTING SIGNS TO REMAIN, OR IF ACCEPTABLE TO THE OWNER, SIGNS MAY BE REMOVED AND RESET, WITHOUT DAMAGE, AFTER CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES. ADDITIONALLY, ALL EXISTING LIGHT POLES AND FLAG POLES SHALL BE PROTECTED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
20. ALL MATERIALS STOCKPILED DURING THE WORK SHALL BE PLACED IN A LOCATION THAT PREVENTS EROSION AND SEDIMENTATION, AND SHALL BE SURROUNDED BY ADDITIONAL EROSION CONTROL BARRIERS. THE CONTRACTOR SHALL STOCKPILE MATERIALS IN AN AREA ON-SITE.
21. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE TOWN OF WILMINGTON, THE COMMONWEALTH OF MASSACHUSETTS, AND ANY OTHER AGENCIES HAVING JURISDICTION.
22. EXISTING PAVEMENT MARKINGS ARE PRESENT THROUGHOUT THE PROJECT AREA, THOUGH THEY ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL RESTORE ALL PAVEMENT MARKINGS TO THEIR PRE-CONSTRUCTION CONDITION, AND REPAIR ANY MARKINGS DAMAGED BY THE WORK. ALL EXISTING COLORS, THICKNESSES AND SYMBOLS SHALL BE MATCHED.
23. ALL EXISTING UTILITIES SHALL REMAIN IN SERVICE DURING DEMOLITION AND CONSTRUCTION AT ALL TIMES, UNLESS PRIOR APPROVAL IS GIVEN BY THE TOWN AND/OR THE OWNER, INCLUDING ALL EXISTING UTILITIES/SERVICES ASSOCIATED WITH THE EXISTING BUILDINGS. IF A UTILITY IS DAMAGED, TEMPORARY SERVICE MAY BE REQUIRED BY THE CONTRACTOR, AT HIS OWN EXPENSE.
24. CONTRACTOR SHALL PROTECT ALL CATCH BASINS WITHIN THE LIMIT OF WORK AND AS INDICATED ON THE PLANS, IN ACCORDANCE WITH SPECIFICATIONS SECTION 312500 EROSION AND SEDIMENTATION CONTROLS, AND THE DETAILS.
25. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE LIMITS OF THE DEVELOPMENT AS INDICATED ON THE PLANS PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS. CONTRACTOR MAY USE EROSION CONTROL BARRIERS AS SHOWN ON SHEET C5.00, OR APPROVED EQUALS. CONTRACTOR SHALL INSTALL SILT SACKS ON ALL DOWNSTREAM CATCH BASINS AND AS INDICATED ON THE PLANS. PRIOR TO INSTALLING SILT SACKS THE CONTRACTOR SHALL CLEAN OUT THE SUMPS OF THE CATCH BASINS. THE EROSION CONTROL AS SHOWN IS A MINIMUM REQUIREMENT, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED ON A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (PREPARED BY THE CONTRACTOR OR BY OTHERS FOR THIS PROJECT), OR AS CONDITIONS WARRANT, SEE ADDITIONAL EROSION CONTROL NOTES ON SHEET C-5.00.
26. UTILITY CUT AND CAP LOCATIONS ARE APPROXIMATE, NOT ALL UTILITIES MAY BE SHOWN.
27. SCHOOL SIGNS AND STREET LIGHTS WITHIN AREAS TO BE DEMOLISHED SHALL BE REMOVED AND RESET, OR SET ASIDE FOR REUSE BY THE TOWN. NOT ALL SCHOOLS SIGNS AND STREETS LIGHTS MAY BE SHOWN. SEE LIGHTING AND TRAFFIC SIGN LOCATIONS PLANS BY OTHERS FOR NEW LOCATIONS.
28. EROSION CONTROL MEASURES ARE TO BE INSTALLED AS NEEDED DURING CONSTRUCTION. CONTRACTOR SHALL ENSURE EROSION CONTROL IS KEPT INTACT AND REPLACED WHEN NECESSARY.
29. ALL ITEMS IN BOLD OR AS CALLED OUT ON DEMOLITION PLAN TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. LOCATIONS OF ALL SAWCUT LINES ARE APPROXIMATE AND ARE NOT MEANT TO CIRCUMVENT LOGICAL DECISIONS REQUIRED BY A VARIETY OF FIELD CONDITIONS INCLUDING ADJACENT CRACKED/DAMAGED PAVEMENT, IRREGULAR SURFACES, OR CONSTRUCTABILITY.
30. THE SITE CONTRACTOR SHALL SAW CUT AND MATCH ALL EXISTING ROAD PAVEMENT AS REQUIRED TO SET NEW CURBING, BLEND PAVEMENTS, AND CONSTRUCT NEW UTILITIES IN THE STREET. EXISTING GRADES ARE TO BE MATCHED ALONG ALL SAW CUT LINES.

LEGEND

EXISTING		PROPOSED
□	GRANITE BOUND FOUND	
	UTILITY POLE	
GUY	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
T	UNDERGROUND TELECOMM LINE	T
S	SEWER MANHOLE (SMH)	S
	SEWER CLEANOUT (CO)	
E	ELECTRIC MANHOLE	E
T	TELECOMM MANHOLE	T
D	DRAIN MANHOLE (DMH)	D
	CATCH BASIN (CB)	
GAS WV	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	MAJOR CONTOUR LINE	255
	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	
	CAPE COD BERM	
	HANDICAP SPACE	
	ELECTRIC VEHICLE CHARGING SPACE	
MBX	MAILBOX	
M/W	MONITORING WELL	
MH	MANHOLE	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
CCB	CAPE COD BERM
FGC	FLUSH GRANITE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE
CB	CATCH BASIN
OCS	OUTLET CONTROL STRUCTURE
CLDIP	CEMENT-LINED DUCTILE IRON PIPE
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND REPLACE
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
TOS	TOP OF STAIRS
BOS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN
UGI	UNDERGROUND INFILTRATION
VIF	VERIFY IN FIELD
OC	ON CENTER
TELECOMM	TELECOMMUNICATION

EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS, INCLUDING SITE ACREAGE, ARE BASED ON A SURVEY PREPARED BY NITSCH ENGINEERING, 2 CENTER PLAZA, SUITE 430, BOSTON, MA 02108, ENTITLED "EXISTING CONDITIONS PLAN 320 SALEM STREET, WILMINGTON, MASSACHUSETTS", SHEET EX-1 AND EX-2, REVISED 12-27-2024 (DRAFT).
2. SITE IMPROVEMENTS AND TOPOGRAPHY SHOWN HEREON ARE BASED ON AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY NITSCH ENGINEERING ON OCTOBER 2024.
3. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM AND WERE GENERATED VIA RTK GPS OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM - MAINLAND ZONE 2001 AS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE COORDINATES WERE GENERATED VIA RTK GPS SURVEY OBSERVATIONS.
4. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAPS, NUMBER 25017C0283F AND 25017C0284E, EFFECTIVE DATE JULY 6, 2016 AND JUNE 4, 2010, RESPECTIVELY.

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 1

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

DORE + WHITTIER
MASSACHUSETTS
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CDW CONSULTANTS
Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

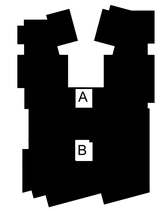
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
DEMOLITION AND EROSION CONTROL PLAN

SHEET NUMBER:
C1.00

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

R&D 18" CMP DRAIN LINE

R&D 18" CMP DRAIN LINE

R&D IRRIGATION PUMP HOUSE (IRRIGATION CONTROLLER AND WELL PUMP TO BE SALVAGED)

R&D 24" CMP DRAIN LINE

APPROXIMATE LOCATION OF TEMPORARY SEDIMENTATION BASIN SHOWN FOR REFERENCE. CONTRACTOR SHALL CONSTRUCT BASIN AT THE SITE LOW POINT AND MAY RELOCATE AS NECESSARY THROUGHOUT CONSTRUCTION TO AVOID CONFLICTS WITH WORK OPERATIONS. BASIN SHALL BE SIZED TO PROVIDE A MINIMUM STORAGE CAPACITY OF 1,800 CUBIC FEET PER ACRE OF CONTRIBUTING DRAINAGE AREA, WITH AN INITIAL MINIMUM STORAGE VOLUME OF 11,200 CUBIC FEET, AND SHALL BE CONFIGURED TO MAINTAIN EFFECTIVE SEDIMENT SETTLING IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.

EROSION CONTROL INLET PROTECTION (TYP)

PROVIDE TEMPORARY CONNECTION TO EXISTING PARKING LOT CATCH BASIN TO MAINTAIN DRAINAGE DURING CONSTRUCTION. REMOVE TEMPORARY CONNECTION UPON DEMOLITION OF EXISTING STRUCTURE.

PLAYGROUND MEMORIAL STONE MONUMENT WITH PLAQUE TO BE SALVAGED

R&D 6" PVC SEWER LINE

R&D SMH

R&D 6" PVC SEWER LINE

SOCCER FIELD MONUMENT WITH PLAQUE AND SIGN TO BE SALVAGED

R&D ELECTRIC LINE

R&D TENNIS COURTS

ABUTTING OWNERS OWN TO CENTERLINE OF PROPOSED STREET. THEY MAY CONSTRUCT TO STREET. TOWN MAY HAVE ADVERSE POSSESSION AND/OR PRESCRIPTIVE EASEMENT CLAIMS.

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 1

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER
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CDW CONSULTANTS
Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

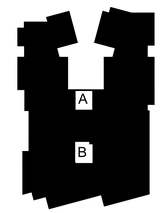
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KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
DEMOLITION AND EROSION CONTROL PLAN

SHEET NUMBER:
C1.01

APPROXIMATE LOCATION OF TEMPORARY SEDIMENTATION BASIN SHOWN FOR REFERENCE. CONTRACTOR SHALL CONSTRUCT BASIN AT THE SITE LOW POINT AND MAY RELOCATE AS NECESSARY THROUGHOUT CONSTRUCTION TO AVOID CONFLICTS WITH WORK OPERATIONS. BASIN SHALL BE SIZED TO PROVIDE A MINIMUM STORAGE CAPACITY OF 1,800 CUBIC FEET PER ACRE OF CONTRIBUTING DRAINAGE AREA, WITH AN INITIAL MINIMUM STORAGE VOLUME OF 11,200 CUBIC FEET, AND SHALL BE CONFIGURED TO MAINTAIN EFFECTIVE SEDIMENT SETTLING IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.

R&D 24" CMP DRAIN LINE

R&D 18" CMP DRAIN LINE

PROVIDE TEMPORARY CONNECTION TO EXISTING PARKING LOT CATCH BASIN TO MAINTAIN DRAINAGE DURING CONSTRUCTION. REMOVE TEMPORARY CONNECTION UPON DEMOLITION OF EXISTING STRUCTURE.

SOCCER FIELD MONUMENT WITH PLAQUE AND SIGN TO BE SALVAGED

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROXIMATE AREA FOR SALVAGED PLAYGROUND EQUIPMENT DURING PHASING

BLUE BENCH TO BE SALVAGED

PLAYGROUND MEMORIAL STONE MONUMENT WITH PLAQUE TO BE SALVAGED

BENCH TO BE RELOCATED (LOCATION TO BE DETERMINED)

APPROX LOCATION OF CONSTRCUTION ENTRANCE AT NEW SCHOOL ENTRANCE (SEE DETAILS)

PLAYGROUND AREA EQUIPMENT TO BE SALVAGED AND RELOCATED FOR PHASING

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

APPROX LIMIT OF PAVEMENT SAWCUT (TYP)

R&D GRANITE CURB

R&D 6" PVC SEWER LINE

R&D SMH

R&D 6" PVC SEWER LINE

R&D SMH

R&D 6" PVC SEWER LINE

R&D SMH

R&D CB AND ASSOCIATED DRAIN PIPES

R&D 15" CMP DRAIN LINE

R&D BIT CONC PAVEMENT

R&D CONC STAIRS

R&D CONC SIDEWALK

R&D CB AND ASSOCIATED DRAIN PIPES

R&D ELECTRIC POLE AND ASSOCIATED LINE

R&D OVERHEAD ELECTRIC LINE

R&D 38" TREE

R&D 6" WATER LINE

CUT & CAP EXIST WATER LINE

R&D SCHOOL SIGN

R&D TREES AND SHRUBS

R&D A/C UNITS

R&D CONC STAIRS

EROSION CONTROL INLET PROTECTION (TYP)

EXIST HYDRANT TO REMAIN AND BE PROTECTED

R&D CONC SIDEWALK

R&D CONC STAIRS

APPROX LIMIT OF PAVEMENT SAWCUT (TYP)

R&D ELECTRIC LINE

R&D TELECOMM LINE

APPROX LOCATION OF EROSION CONTROL BARRIER (TYP)

R&D CAPE COD BERM

R&D CONC SIDEWALK

R&D GRANITE CURB

R&D BIT CONC PAVEMENT

APPROX LIMIT OF PAVEMENT SAWCUT (TYP)

BALLARDVALE STREET (ROUTE 125)

BALAND ROAD

SALEM STREET

NORTH INTERMEDIATE SCHOOL

3-STORY BRICK BUILDING

ABANDONED LEACH FIELD

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 1

GRAPHIC SCALE

(IN FEET)
1 INCH = 20 FT.

DORE + WHITTIER

MASSACHUSETTS
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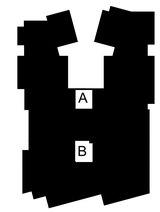
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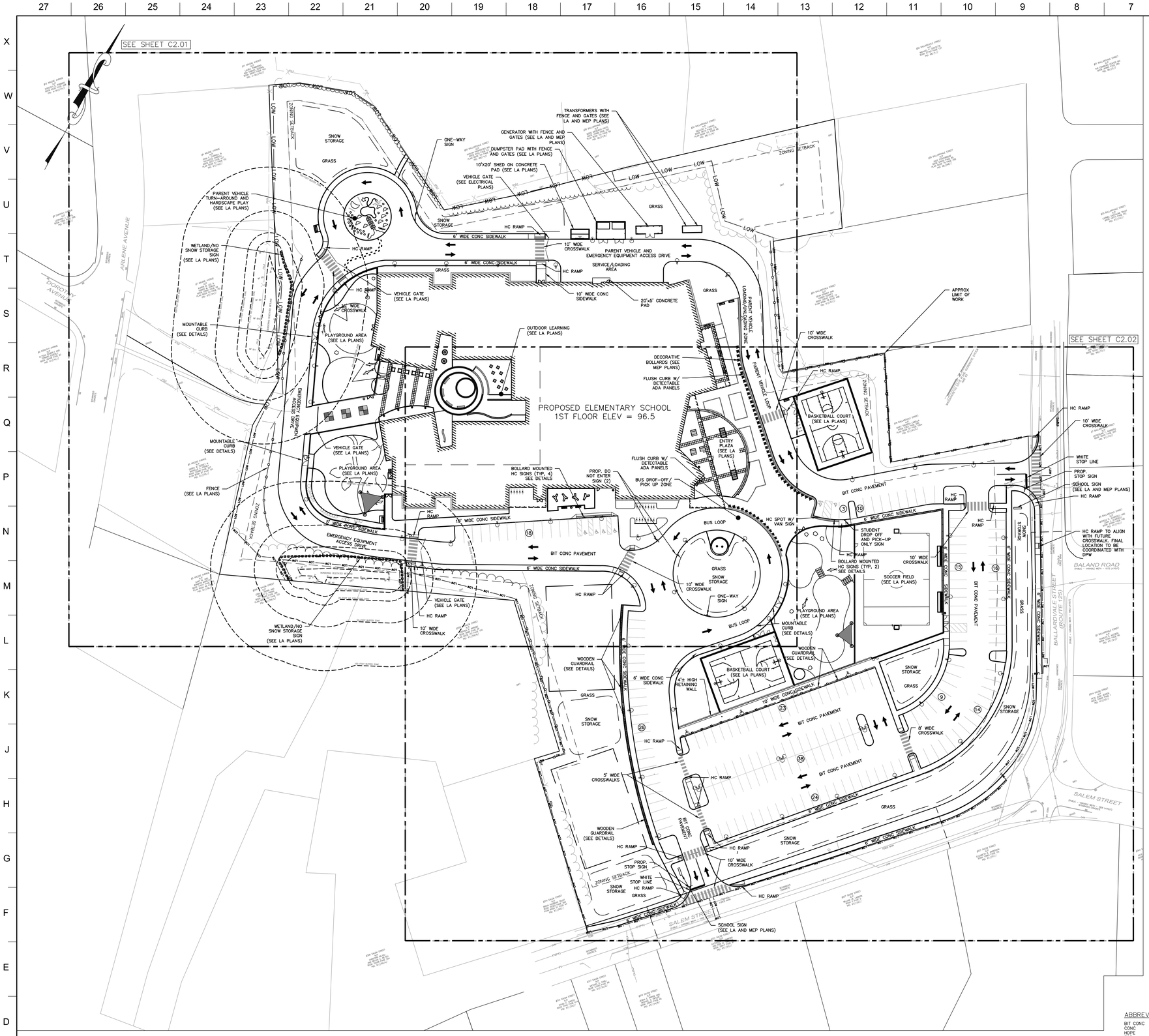
KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
DEMOLITION AND EROSION CONTROL PLAN

SHEET NUMBER:
C1.02



EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS, INCLUDING SITE ACREAGE, ARE BASED ON A SURVEY PREPARED BY NITSCH ENGINEERING, 2 CENTER PLAZA, SUITE 430, BOSTON, MA 02108, ENTITLED "EXISTING CONDITIONS PLAN 320 SALEM STREET, WILMINGTON, MASSACHUSETTS", SHEET EX-1 AND EX-2, REVISED 12-27-2024 (DRAFT).
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3. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM AND WERE GENERATED VIA RTK GPS OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM - MAINLAND ZONE 2001 AS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE COORDINATES WERE GENERATED VIA RTK GPS SURVEY OBSERVATIONS.
4. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAPS, NUMBER 25017C0283F AND 25017C0284E, EFFECTIVE DATE JULY 6, 2016 AND JUNE 4, 2010, RESPECTIVELY.

LAYOUT AND MATERIALS NOTES

1. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. REFER TO MEP PLANS FOR SITE LIGHTING LOCATIONS AND DETAILS.
3. CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.
4. DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. PARKING SPACES ARE 10'x20', UNLESS NOTED OTHERWISE.
5. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACTOR SHALL STAKE OUT BUILDING FROM THE LATEST ARCHITECTURAL DRAWINGS.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.
7. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE BUILDING, LIGHTING, ENTRANCES, DOORWAY PADS, LOADING DOCK DETAILS, ETC.
8. ACCESSIBLE RAMPS WITH DETECTABLE WARNING PANELS WILL BE PROVIDED AT ALL CROSSWALKS, AND SHALL BE PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT).
9. EACH HANDICAP PARKING SPACE SHALL BE PROVIDED WITH A SIGN SIX (6) FEET IN HEIGHT LOCATED AT THE BACK OF THE THE CURB. THE SIGN SHALL CONTAIN THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT.
10. PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.
11. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF WILMINGTON PUBLIC WORKS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL REMOVAL AND DISPOSAL OF ALL DEBRIS FROM THE SITE AND AS MAY BE DIRECTED BY THE A/E.
13. ALL FENCING AND GATES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS DIRECTION, SEE LA PLANS FOR DETAILS.
14. THE SITE CONTRACTOR SHALL SAW CUT AND MATCH ALL EXISTING ROAD PAVEMENT AS REQUIRED TO SET NEW CURBING AND CONSTRUCT NEW UTILITIES IN THE STREET.
15. THE USE OF FILL CONTAINING HAZARDOUS MATERIALS OR WASTE IS FORBIDDEN.
16. SEE LANDSCAPE PLANS FOR ALL PLANTING INFORMATION AS WELL AS ADDITIONAL LAYOUT AND MATERIAL INFORMATION.
17. THE MARKING OF THE LIMITS OF WORK IN THE FIELD PRIOR TO THE START OF CONSTRUCTION OR SITE CLEARING IS REQUIRED.
18. SEE DEMOLITION SHEET C1.00 AND DETAIL SHEET C5.00 FOR EROSION CONTROL NOTES.
19. WHERE CURBING ABRUPTLY ENDS, PROVIDE A TRANSITION CURB TO A FLUSH CONDITION WITH THE PROPOSED SURFACE/GRADES, SEE DETAIL 6/C5.02.
20. SIGNIFICANT TREES, INCLUDING THEIR BRANCHES AND THEIR ROOT SYSTEMS, SHALL BE PROTECTED WITH SHIELDS, FENCES OR BARRIERS.
21. THE CLEANING OF CATCH BASIN SUMPS AND STORMWATER BASINS IS REQUIRED FOLLOWING CONSTRUCTION AND ACCORDING TO ANY OPERATIONS AND MAINTENANCE PLAN THEREAFTER.

ZONING TABLE

ZONING REGULATIONS REQUIREMENTS	REQUIRED	PROVIDED
MINIMUM LOT SIZE	20,000 SF	12.145± ACRES
MINIMUM LOT FRONTAGE	125 FT	530± FT
MINIMUM LOT WIDTH	125 FT	530± FT
BUILDING SETBACK		
FRONT YARD	40 FT	385± FT
SIDE YARD	20 FT	62± FT
REAR YARD	20 FT	52± FT
MAXIMUM BUILDING HEIGHT	35 FT/2½ STORIES	46 FT/3 STORIES
MAX BUILDING COVERAGE %	N/A	15.0±%

TOTAL PROPOSED IMPERVIOUS AREA: 340,720 SF (7.82 ACRES), 64.4% OF TOTAL SITE AREA
ZONING DISTRICT: RESIDENCE 20 (R20)

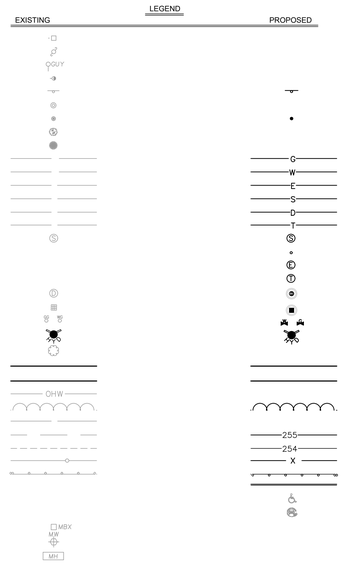
PARKING REQUIREMENTS

DESCRIPTION	REQUIRED	PROVIDED
EDUCATION: 1 SPACE FOR EACH STAFF POSITION, PLUS 1 SPACE FOR EACH FIVE PERSONS OF RATED CAPACITY OF THE LARGEST AUDITORIUM, AND 1 SPACE FOR EACH STUDENT VEHICLE WHICH CAN BE EXPECTED AT ONLY ONE TIME ON THE PREMISES.	190 SPACES	1 VAN ACCESSIBLE SPACE 5 HC SPACES 190 STANDARD SPACES TOTAL: 196 SPACES

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
CCB	CAPE COD BERM
FGC	FLUSH GRANITE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE
CB	CATCH BASIN
OCS	OUTLET CONTROL STRUCTURE
CLDIP	CEMENT-LINED DUCTILE IRON PIPE
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND REPLACE
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
TOS	TOP OF STAIRS
BOS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN
UGI	UNDERGROUND INFILTRATION
VIF	VERIFY IN FIELD
OC	ON CENTER
TELECOMM	TELECOMMUNICATION

LEGEND



GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT.

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CDW CONSULTANTS
Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

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REVISIONS:

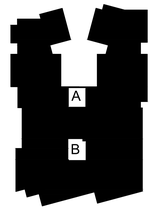
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KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH

SHEET TITLE:
LAYOUT AND MATERIALS PLAN

SHEET NUMBER:
C2.00

WILMINGTON ELEMENTARY

PROPOSED ELEMENTARY SCHOOL
1ST FLOOR ELEV = 96.5

ARLENE AVENUE

ZONING SETBACK

SNOW STORAGE

GRASS

ONE-WAY SIGN

TRANSFORMERS WITH FENCE AND GATES (SEE LA AND MEP PLANS)

GENERATOR WITH FENCE AND GATES (SEE LA AND MEP PLANS)

DUMPSTER PAD WITH FENCE AND GATES (SEE LA PLANS)

10'X20' SHED ON CONCRETE PAD (SEE LA PLANS)

VEHICLE GATE (SEE ELECTRICAL PLANS)

ZONING

PARENT VEHICLE TURN-AROUND AND HARDSCAPE PLAY (SEE LA PLANS)

VGC

HC RAMP

6' WIDE CONC SIDEWALK

10' WIDE CROSSWALK

PARENT VEHICLE AND EMERGENCY EQUIPMENT ACCESS DRIVE

SERVICE/LOADING AREA

117'

WETLAND/NO SNOW STORAGE SIGN (SEE LA PLANS)

VEHICLE GATE (SEE LA PLANS)

10' WIDE CONC SIDEWALK

20'x5' CONCRETE PAD

MOUNTABLE CURB (SEE DETAILS)

PLAYGROUND AREA (SEE LA PLANS)

OUTDOOR LEARNING (SEE LA PLANS)

PARENT VEHICLE LOADING/UNLOADING ZONE

DECORATIVE BOLLARDS (SEE MEP PLANS)

FLUSH CURB W/ DETECTABLE ADA PANELS

EMERGENCY EQUIPMENT ACCESS DRIVE

ENTRY PLAZA (SEE LA PLANS)

FENCE (SEE LA PLANS)

BOLLARD MOUNTED HC SIGNS (TYP, 4) SEE DETAILS

PROP. DO NOT ENTER SIGN (2)

BUS DROF-OFF/ PICK UP ZONE

5' WIDE CONC SIDEWALK

10' WIDE CONC SIDEWALK

BIT CONC PAVEMENT

BUS LOOP

HC SPOT W/ VAN SIGN

TRANSITION FROM VGC TO PCC

GRAPHIC SCALE

(IN FEET)
1 INCH = 20 FT.

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Environmental and Civil Engineering

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PROJECT NUMBER: 23-0847

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KEY PLAN

A
B

ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH

SHEET TITLE:
LAYOUT AND MATERIALS PLAN

SHEET NUMBER:
C2.01

WILMINGTON ELEMENTARY

PROPOSED ELEMENTARY SCHOOL
1ST FLOOR ELEV = 96.5

DECORATIVE BOLLARDS (SEE MEP PLANS)
FLUSH CURB W/ DETECTABLE ADA PANELS
PARENT VEHICLE LOOP
HC RAMP
BASKETBALL COURT (SEE LA PLANS)
ZONING SETBACK
ENTRY PLAZA (SEE LA PLANS)
FLUSH CURB W/ DETECTABLE ADA PANELS
BOLLARD MOUNTED HC SIGNS (TYP, 4) SEE DETAILS
PROP. DO NOT ENTER SIGN (2)
BUS DROF-OFF/ PICK UP ZONE
10' WIDE CONC SIDEWALK
BIT CONC PAVEMENT
6' WIDE CONC SIDEWALK
BUS LOOP
HC SPOT W/ VAN SIGN
10' WIDE CROSSWALK
GRASS
SNOW STORAGE
ONE-WAY SIGN
STUDENT DROP OFF AND PICK-UP ONLY SIGN
TRANSITION FROM VGC TO PCC
BOLLARD MOUNTED HC SIGNS (TYP, 2) SEE DETAILS
SOCCER FIELD (SEE LA PLANS)
PLAYGROUND AREA (SEE LA PLANS)
MOUNTABLE CURB (SEE DETAILS)
WOODEN GUARDRAIL (SEE DETAILS)
BASKETBALL COURT (SEE LA PLANS)
4'± HIGH RETAINING WALL
VEHICLE GATE (SEE LA PLANS)
RAMP
SNOW STORAGE
GRASS
5' WIDE CROSSWALKS
8' WIDE CROSSWALK
PROP. STOP SIGN
WHITE STOP LINE
SCHOOL SIGN (SEE LA AND MEP PLANS)
HC RAMP TRANSITION FROM VGC TO PCC
HC RAMP TO ALIGN WITH FUTURE CROSSWALK. FINAL LOCATION TO BE COORDINATED WITH DPW
BALAND ROAD
(PUBLIC – VARIABLE WIDTH – 1972 LAYOUT)
BALLARDVALE STREET (ROUTE 125)
SALEM STREET
(PUBLIC – VARIABLE WIDTH – 1928 LAYOUT)
#8 BALLARDVALE STREET N/F MARY THERESA LABELLA BOOK 1345 PAGE 295 PLAN BOOK 97 PAGE 158A PID: 97//61/6//
#7 BALLARDVALE STREET N/F JACQUELINE F. BARRERA BOOK 18161 PAGE 283 PID: 97//41//
#8 BALLARDVALE STREET N/F MICHELE P. SCARCELLI AND JOHN J. SCARCELLI BOOK 17643 PAGE 148 PID: 97//15//
#3 BALLARDVALE STREET N/F CHARLES T. MCEWEN BOOK 15345 PAGE 86 PID: 97//31//
#320 SALEM STREET N/F STEPHEN F. BERUBE BOOK 36855 PAGE 102 PLAN BOOK 97 PAGE 98 PID: 97//59//
#314 SALEM STREET N/F BRIAN HASBROUCQ TRUST BOOK 35304 PAGE 345 PLAN BOOK 97 PAGE 67 PID: 97//60//
#321 SALEM STREET N/F KEVIN H. SIMMONS BOOK 35304 PAGE 345 PLAN BOOK 97 PAGE 67 PID: 97//60//
#327 SALEM STREET N/F WILLIAM JR & JOYCE D BOOK 0 PAGE 0 PID: 97//52//
#337 SALEM STREET N/F ELIZABETH N. ANDERSON BOOK 15963 PAGE 101 PID: 97//51//
#344 SALEM STREET N/F PETE JOHN JENSEN BOOK 33925 PAGE 1 PID: 97//72//
#344 SALEM STREET N/F PETE JOHN JENSEN BOOK 33925 PAGE 1 PID: 97//32//

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GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT.

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PROJECT NUMBER: 23-0847

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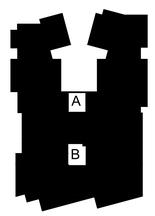
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KEY PLAN

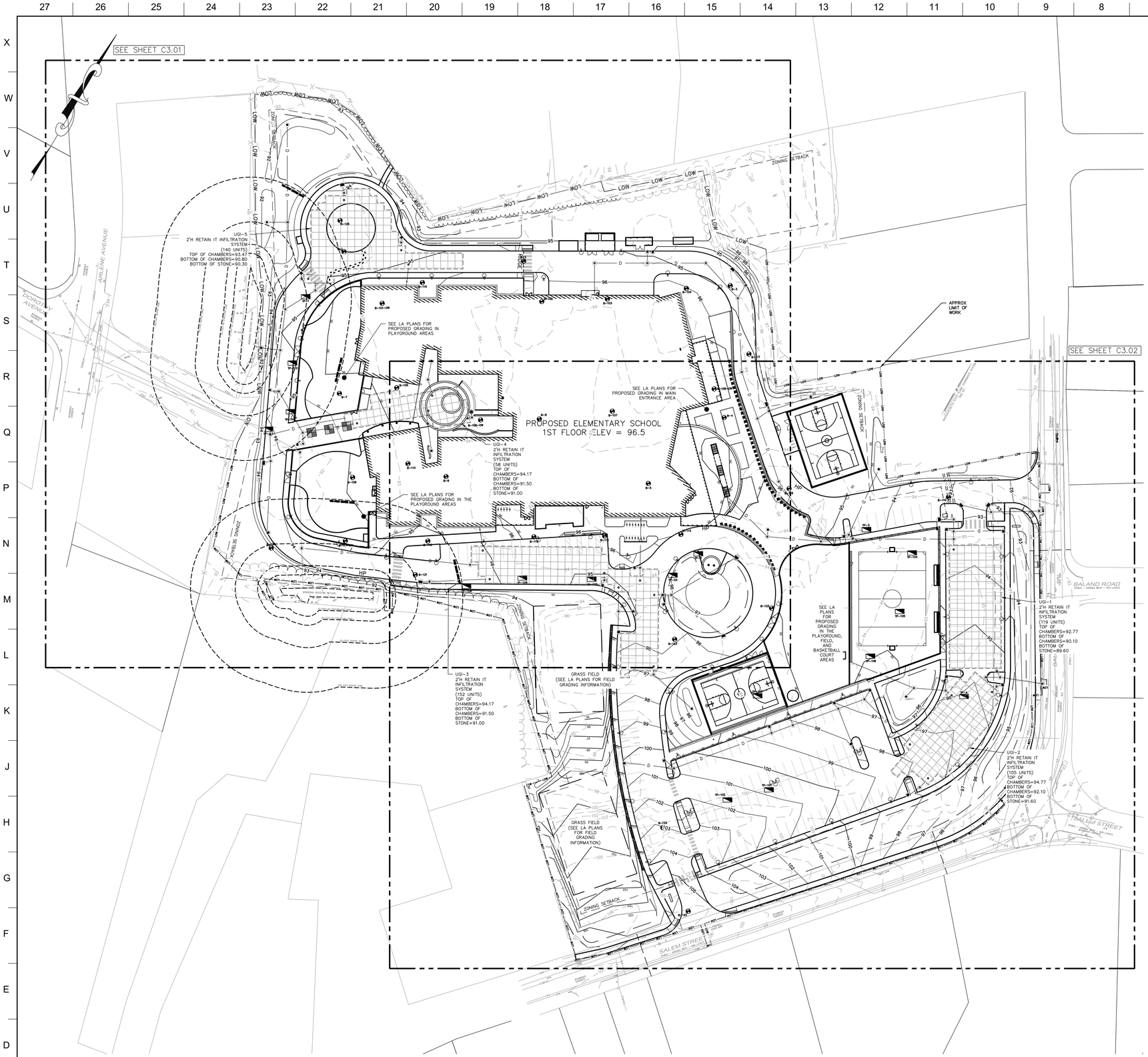


ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH

SHEET TITLE:
LAYOUT AND MATERIALS PLAN

SHEET NUMBER:
C2.02



EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS, INCLUDING SITE ACREAGE, ARE BASED ON A SURVEY PREPARED BY NITSCH ENGINEERING, 2 CENTER PLAZA, SUITE 430, BOSTON, MA 02108, ENTITLED "EXISTING CONDITIONS PLAN 320 SALEM STREET, WILMINGTON, MASSACHUSETTS", SHEET EX-1 AND EX-2, REVISED 12-27-2024 (DRAFT).
2. SITE IMPROVEMENTS AND TOPOGRAPHY SHOWN HEREON ARE BASED ON AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY NITSCH ENGINEERING ON OCTOBER 2024.
3. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM AND WERE GENERATED VIA RTK GPS OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM – MAINLAND ZONE 2001 AS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE COORDINATES WERE GENERATED VIA RTK GPS SURVEY OBSERVATIONS.
4. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAPS, NUMBER 25017C0283F AND 25017C0284E, EFFECTIVE DATE JULY 6, 2016 AND JUNE 4, 2010, RESPECTIVELY.

GRADING AND DRAINAGE NOTES

1. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
2. EXCEPT WHERE NOTED OTHERWISE, ALL DRAINAGE PIPES WITHIN THE SITE SHALL BE HDPE.
3. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF WILMINGTON PUBLIC WORKS.
5. CONTRACTOR SHALL GRADE AND CONSTRUCT ALL ACCESSIBLE HANDICAP RAMPS IN ACCORDANCE WITH THE MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT). SEE CONSTRUCTION DETAILS FOR SLOPE AND DIMENSIONAL REQUIREMENTS.
6. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
7. CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
8. ALL NEW CATCH BASINS TO BE PROVIDED WITH SILT SACKS FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
9. THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGNER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
10. CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
11. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
12. ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS FOR STRUCTURES AND MANHOLES ARE APPROXIMATE.
13. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
14. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.
15. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.
16. EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.
17. THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE DESIGNER AND OWNER. SEE ADDITIONAL EROSION CONTROL NOTES ON DEMOLITION SHEET C1.00 AND DETAIL SHEET C5.00.
18. SEE EXISTING CONDITIONS SURVEY, BY NITSCH ENGINEERING FOR RIMS, INVERTS, PIPE SIZES, PIPE MATERIALS, SERVICES, AND STRUCTURES NOT LABELED HEREON.
19. NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE OR DAMAGED.
20. PIPE LENGTHS AND SLOPES IN THE DRAINAGE STRUCTURE TABLES ARE BASED ON CENTER TO CENTER LENGTHS AND SLOPES.

LEGEND

EXISTING		PROPOSED
	GRANITE BOUND FOUND	
	UTILITY POLE	
GUY	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
T	UNDERGROUND TELECOMM LINE	T
	SEWER MANHOLE (SMH)	
	SEWER CLEANOUT (CO)	
	ELECTRIC MANHOLE	
	TELECOMM MANHOLE	
	DRAIN MANHOLE (DMH)	
	CATCH BASIN (CB)	
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
	MAJOR CONTOUR LINE	255
	MINOR CONTOUR LINE	254
	FENCE	X
	GUARD RAIL	
	CAPE COD BERM	
	HANDICAP SPACE	
	ELECTRIC VEHICLE CHARGING SPACE	
MBX	MAILBOX	
MW	MONITORING WELL	
MH	MANHOLE	

ZONING TABLE

ZONING REGULATIONS REQUIREMENTS	REQUIRED	PROVIDED
MINIMUM LOT SIZE	20,000 SF	12.145± ACRES
MINIMUM LOT FRONTAGE	125 FT	530± FT
MINIMUM LOT WIDTH	125 FT	530± FT
BUILDING SETBACK		
FRONT YARD	40 FT	385 FT
SIDE YARD	20 FT	62 FT
REAR YARD	20 FT	52 FT
MAXIMUM BUILDING HEIGHT	35 FT/2½ STORIES	46 FT/3 STORIES
MAX BUILDING COVERAGE %	N/A	15.0%

ZONING DISTRICT: RESIDENCE 20 (R20)

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

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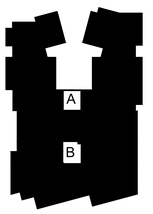
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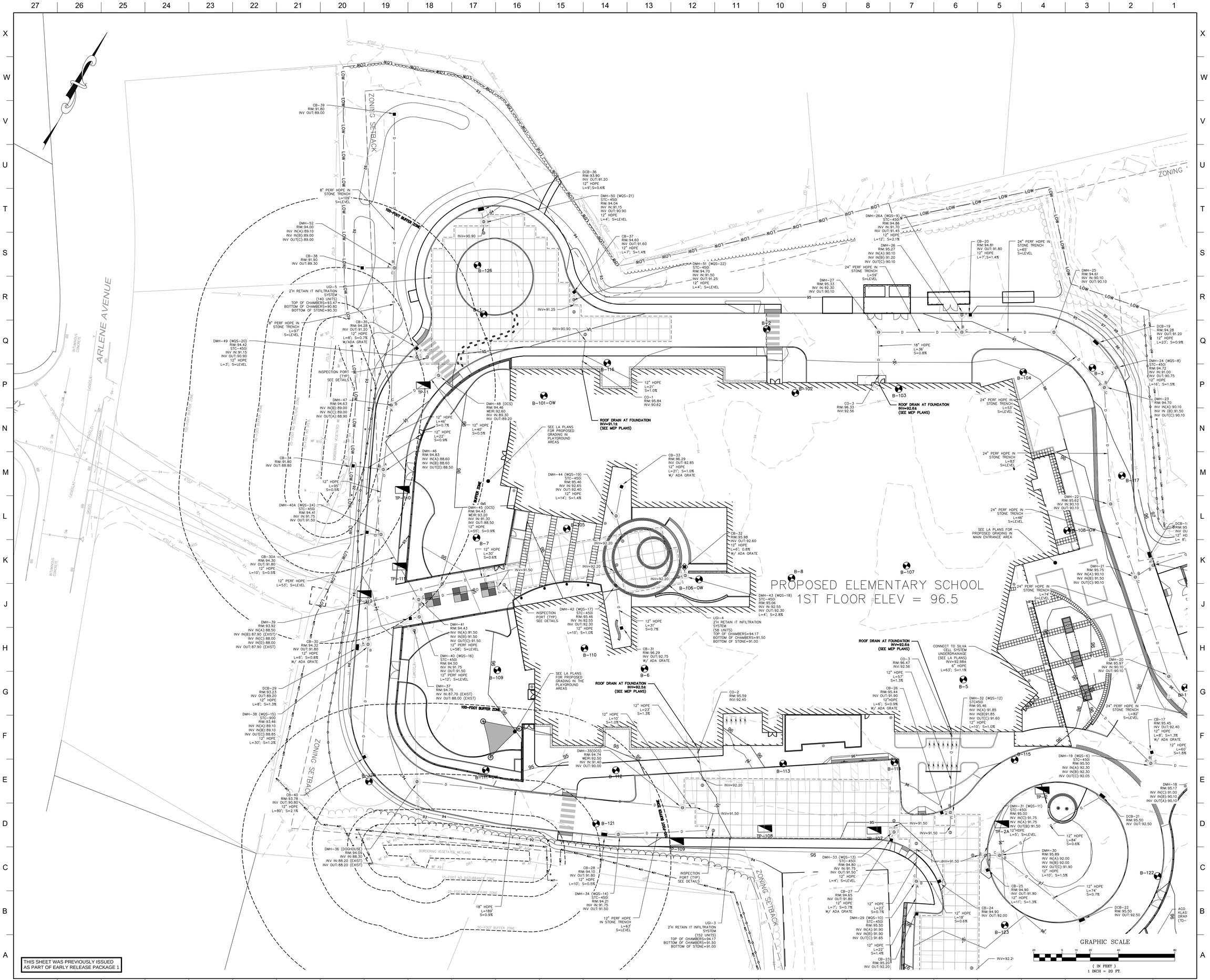
KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C3.00



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CDW CONSULTANTS
Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

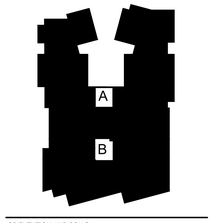
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KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C3.01

PROPOSED ELEMENTARY SCHOOL
1ST FLOOR ELEV = 96.5

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GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT.

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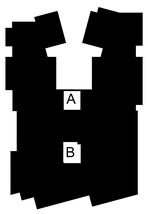
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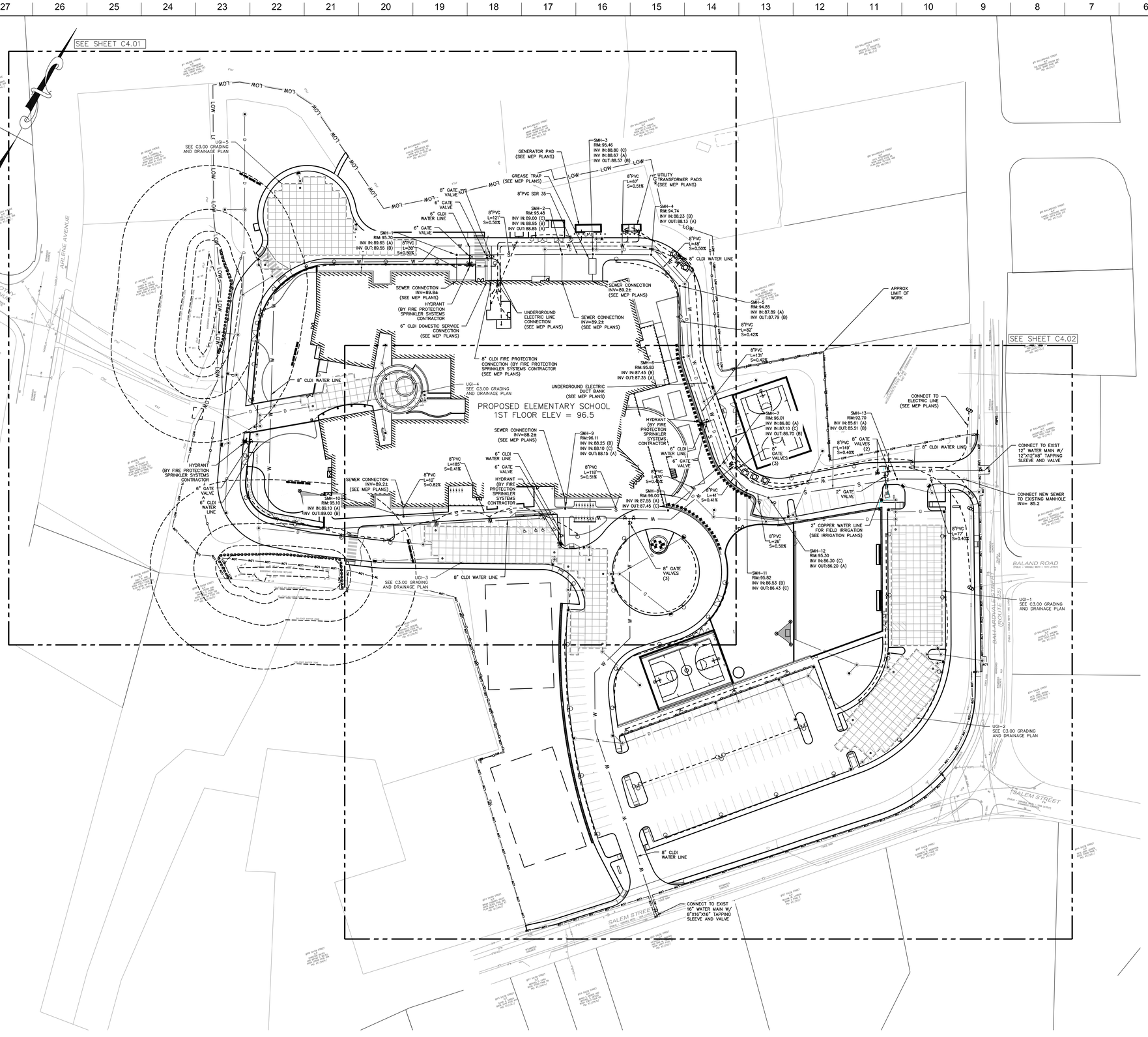
KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
GRADING AND
DRAINAGE PLAN

SHEET NUMBER:
C3.02



EXISTING CONDITIONS/SURVEY NOTES:

1. EXISTING CONDITIONS, INCLUDING SITE ACREAGE, ARE BASED ON A SURVEY PREPARED BY NITSCH ENGINEERING, 2 CENTER PLAZA, SUITE 430, BOSTON, MA 02108, ENTITLED "EXISTING CONDITIONS PLAN 320 SALEM STREET, WILMINGTON, MASSACHUSETTS", SHEET EX-1 AND EX-2, REVISED 12-27-2024 (DRAFT).
2. SITE IMPROVEMENTS AND TOPOGRAPHY SHOWN HEREON ARE BASED ON AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY NITSCH ENGINEERING ON OCTOBER 2024.
3. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM AND WERE GENERATED VIA RTK GPS OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM – MAINLAND ZONE 2001 AS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE COORDINATES WERE GENERATED VIA RTK GPS SURVEY OBSERVATIONS.
4. THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAPS, NUMBER 25017C0283F AND 25017C0284E, EFFECTIVE DATE JULY 6, 2016 AND JUNE 4, 2010, RESPECTIVELY.

UTILITY NOTES

1. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
2. ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (DPW) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF WILMINGTON PUBLIC WORKS.
3. CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
4. CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
5. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
6. ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS STRUCTURES AND MANHOLES ARE APPROXIMATE.
7. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
8. UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.
9. REFER TO ELECTRICAL DRAWINGS FOR ALL SITE ELECTRICAL WORK, AND TO PLUMBING AND MECHANICAL DRAWINGS FOR ALL PLUMBING AND MECHANICAL WORK.
10. INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS.
11. ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF WILMINGTON DPW.
12. WATER LINE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON.
13. WATER PIPES WITH JOINTS OR FITTINGS AS REQUIRED TO PROVIDE A MINIMUM OF 6" CLEARANCE FOR UTILITY CROSSINGS OR AS NOTED IN THE SPECIFICATIONS.
14. ALL VALVES AND HYDRANTS SHALL CONFORM TO THE TOWN STANDARDS.
15. WATER LINES AND SEWER LINES SHALL BE SEPARATED BY 10' HORIZONTALLY. WHERE THIS IS NOT POSSIBLE, AN 18" SEPARATION BETWEEN THE BOTTOM OF THE WATER LINE AND THE TOP OF THE SEWER LINE IS ALSO ACCEPTABLE BUT ONLY WHERE THE WATER LINE IS ABOVE THE SEWER LINE. BOTH PIPES SHALL BE ENCASED IN CONCRETE IN ANY AREA WHERE NEITHER OF THE TWO SEPARATIONS NOTED ABOVE CAN BE MAINTAINED. IN SUCH AN INSTANCE, BOTH THE WATER LINE AND SEWER LINE (IN THE AREA OF ENCASEMENT) MUST BE PRESSURE TESTED TO 150 PSI TO ENSURE BOTH ARE WATERTIGHT.
16. ALL SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED.
17. SANITARY PIPES WHERE INVERT DEPTH IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE, SHALL BE EXTRA HEAVY DUCTILE IRON PIPE (ASTM746) AND INSULATED.
18. NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE OR DAMAGED.
19. CDW CONSULTANTS, INC. DOES NOT DETERMINE OR ASSIGN SCOPE OF WORK BY TRADE, SUBCONTRACTOR, OR INSTALLER. ANY REFERENCES OR APPARENT DESIGNATIONS ON THESE DRAWINGS REGARDING WHO IS TO PERFORM THE WORK ARE PROVIDED SOLELY FOR REFERENCE AND COORDINATION WHERE DIRECTED BY OTHERS AND ARE NOT TO BE RELIED UPON AS ESTABLISHING CONTRACTUAL RESPONSIBILITY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING AND COORDINATING THE DIVISION OF WORK AMONG ALL TRADES AND SUBCONTRACTORS.

LEGEND

EXISTING		PROPOSED
	GRANITE BOUND FOUND	
	UTILITY POLE	
GUY	GUY WIRE	
	GUY POLE	
	SIGN	
	POST	
	BOLLARD	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
G	UNDERGROUND GAS LINE	G
W	UNDERGROUND WATER LINE	W
E	UNDERGROUND ELECTRIC LINE	E
S	UNDERGROUND SEWER LINE	S
D	UNDERGROUND DRAIN LINE	D
T	UNDERGROUND TELECOMM LINE	T
S	SEWER MANHOLE (SMH)	S
	SEWER CLEANOUT (CO)	
E	ELECTRIC MANHOLE	E
T	TELECOMM MANHOLE	T
D	DRAIN MANHOLE (DMH)	D
	CATCH BASIN (CB)	
	GAS/WATER GATE	
	HYDRANT	
	BUSH	
	LOCUS PROPERTY LINE (±)	
	ADJOINERS PROPERTY LINE (±)	
OHW	OVERHEAD WIRE	
	TREELINE	
#	HISTORIC UTILITY LINE (G/W/E/S/D)	
255	MAJOR CONTOUR LINE	255
254	MINOR CONTOUR LINE	254
O	FENCE	X
	GUARD RAIL	
	CAPE COD BERM	
	HANDICAP SPACE	
	ELECTRIC VEHICLE CHARGING SPACE	
MBX	MAILBOX	
MW	MONITORING WELL	
MH	MANHOLE	

ABBREVIATIONS

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
PCC	PRECAST CONCRETE CURB
CCB	CAPE COD BERM
FGC	FLUSH GRANITE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
TYP	TYPICAL
CO	CLEAN OUT
SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE
CB	CATCH BASIN
OCS	OUTLET CONTROL STRUCTURE
CLDIP	CEMENT-LINED DUCTILE IRON PIPE
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND REPLACE
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TC/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
TOS	TOP OF STAIRS
BOS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN
UGI	UNDERGROUND INFILTRATION
VIF	VERIFY IN FIELD
OC	ON CENTER
TELECOMM	TELECOMMUNICATION

ZONING TABLE

ZONING REGULATIONS REQUIREMENTS	REQUIRED	PROVIDED
MINIMUM LOT SIZE	20,000 SF	12.145± ACRES
MINIMUM LOT FRONTAGE	125 FT	530± FT
MINIMUM LOT WIDTH	125 FT	530± FT
BUILDING SETBACK		
FRONT YARD	40 FT	385 FT
SIDE YARD	20 FT	62 FT
REAR YARD	20 FT	52 FT
MAXIMUM BUILDING HEIGHT	35 FT/2½ STORIES	46 FT/3 STORIES
MAX BUILDING COVERAGE %	N/A	15.0%

ZONING DISTRICT: RESIDENCE 20 (R20)

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT.

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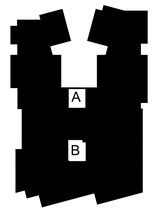
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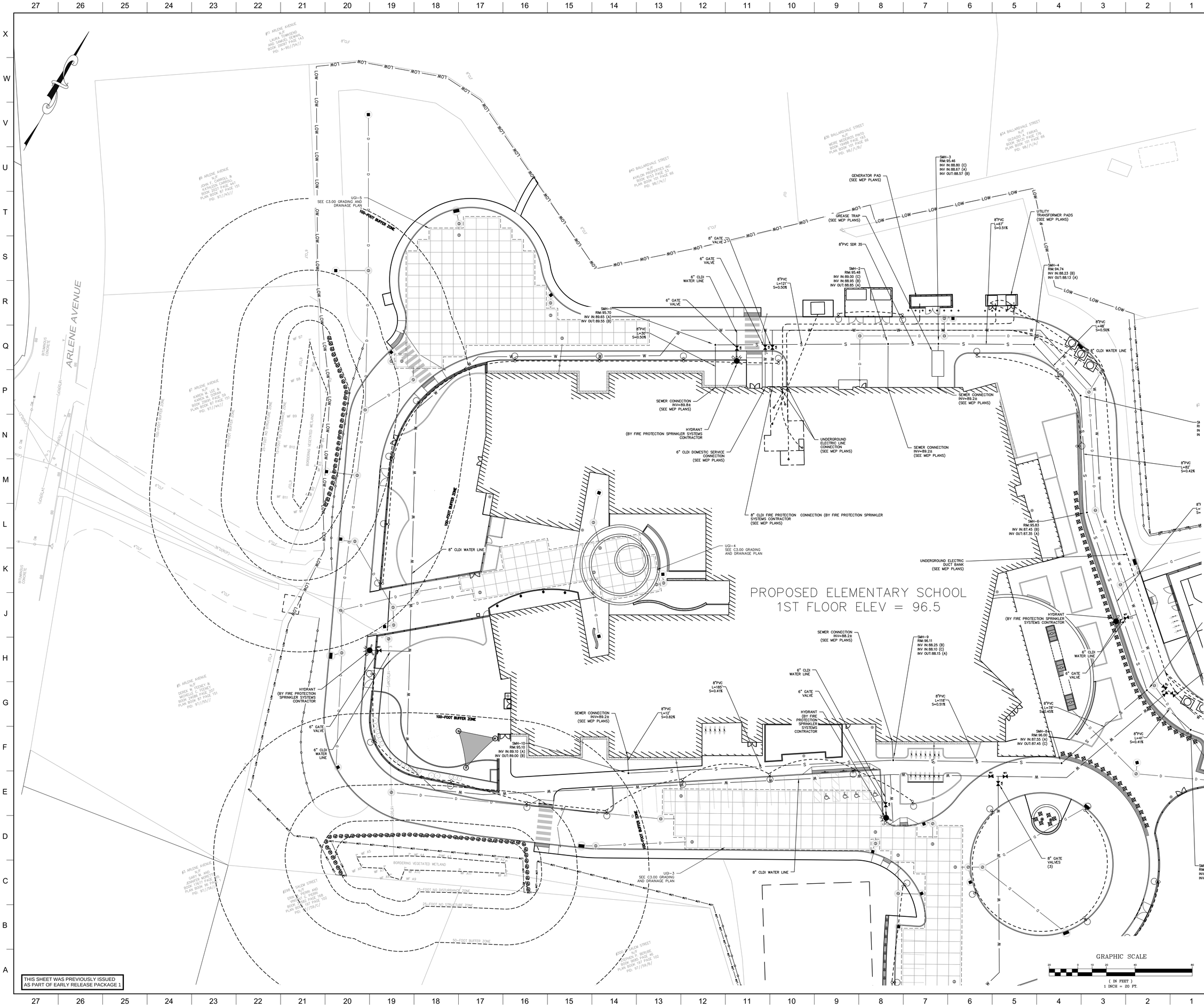
KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
UTILITIES PLAN

SHEET NUMBER:
C4.00



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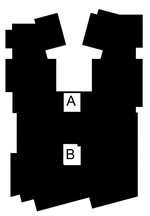
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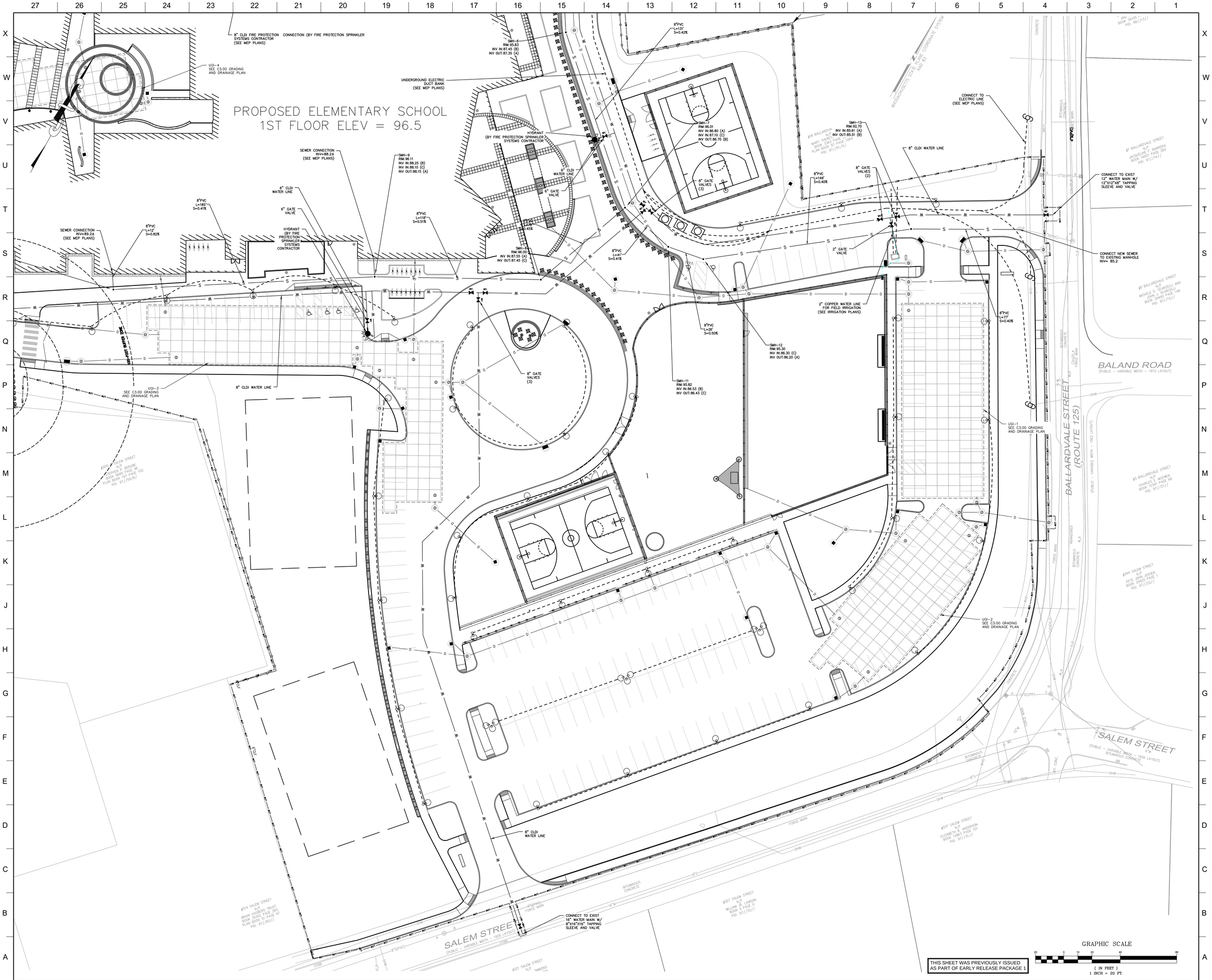
KEY PLAN



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UTILITIES PLAN

SHEET NUMBER:
C4.01



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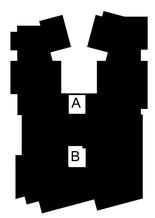
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UTILITIES PLAN

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C4.02

EROSION & SEDIMENTATION CONTROL NOTES:

GENERAL

1. THE PURPOSE OF THESE NOTES IS TO PRESENT A CONSTRUCTION SYSTEM THAT SHOULD MINIMIZE IMPACTS OF EROSION AND SEDIMENTATION RUNOFF DUE TO CONSTRUCTION. THE INFORMATION CONTAINED HEREIN IS TO SUPPLEMENT THE DEVELOPER OR CONTRACTOR'S EXPERTISE AND IS NOT MEANT TO CIRCUMVENT LOGICAL DECISIONS REQUIRED BY A VARIETY OF FIELD CONDITIONS INCLUDING WEATHER AND THE TYPE OF EQUIPMENT AVAILABLE TO THE CONTRACTOR.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, SEDIMENT CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN THE BARRIERS UNTIL ALL WORK IS COMPLETE AND ALL AREAS HAVE BEEN STABILIZED. THE REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE ONLY UPON THE APPROVAL OF THE DESIGNER AND OWNER.
3. SEDIMENTATION AND EROSION CONTROL DEVICES ARE TO BE INSTALLED AS SHOWN ON THE DRAWING AND SPECIFICATIONS, OR AS REQUIRED BY VARYING FIELD CONDITIONS INCLUDING WEATHER AND SPECIFIC CONSTRUCTION REQUIREMENTS. THE EROSION CONTROL AS SHOWN IS A MINIMUM REQUIREMENT. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED ON A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY THE CONTRACTOR FOR THIS PROJECT, OR AS CHANGING SITE CONDITIONS WARRANT.
4. THE FUNCTIONING OF TEMPORARY MITIGATIVE MEASURES OR CONSTRUCTION OPERATIONS SHALL NOT CAUSE NOTICEABLE SEDIMENTATION PLUMES. THE CONTRACTOR SHALL STOP WORK AND INSTALL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.
5. NO MATERIAL SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF ANY WETLAND AREAS.
6. ACCUMULATED SEDIMENT SHALL BE PERIODICALLY REMOVED FROM THE EROSION CONTROL DEVICES AND DISPOSED OF BY THE CONTRACTOR AS REQUIRED OR WHEN DIRECTED BY THE DESIGNER OR OWNER.
7. SOIL AND SLOPE STABILIZATION SHALL PRESUMED TO BE ATTAINED WHEN THE VEGETATION HAS ACHIEVED AT LEAST 75% GROUND COVER BY A HEALTHY STAND OF GRASS FOR THE SPECIFIED MIX OF SPECIES.
8. THE CONTRACTOR WILL DESIGNATE A PERSON TO BE THE EROSION CONTROL OFFICER FOR THE PROJECT TO INSURE PROPER MAINTENANCE OF MITIGATING MEASURES. THE NAME OF THIS PERSON WILL BE PROVIDED TO THE DESIGNER AND OWNER.

DEMARCATION OF AREAS

1. BARRIERS SHALL BE PLACED ON THE SITE TO CONTROL THE LIMITS OF DISTURBANCE. AS AN EXAMPLE, STRAW BALE BARRIERS PROVIDE DEMARCATION AND OTHER METHODS SUCH AS LOG BARRIERS, ROPE AND FLAGGING, ETC... MAY BE UTILIZED.
2. CARE SHOULD BE TAKEN IN THE OPERATION OF EQUIPMENT SUCH THAT ONLY THE MINIMUM AREA NEEDED TO BE ALTERED IS DISTURBED.

EROSION AND SEDIMENT CONTROL METHODS

1. EROSION CONTROL BARRIERS SUCH AS STRAW BALE, SILT FENCES AND MULCH SHALL BE BROUGHT TO THE SITE AND STOCKPILED PRIOR TO INITIATING CONSTRUCTION. A RESERVE STOCKPILE SHALL BE ON SITE AT ALL TIMES FOR USE DURING EMERGENCY SITUATIONS.
2. THE PRIMARY EROSION CONTROL METHOD TO BE UTILIZED IS TO LIMIT THE AREA OF DISTURBANCE AND PROMPT STABILIZATION OF DISTURBED AREAS.
3. EROSION AND SEDIMENT CONTROL DEVICES SUCH AS STRAW BALES, SILT FENCES, DIVERSION BERMS, ETC... SHALL BE UTILIZED FOR THE PROTECTION OF THE AREAS BEYOND THE LIMITS OF CONSTRUCTION.
4. ALL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND GOOD CONSTRUCTION PRACTICE.
5. THE CONCENTRATION OF UNCONTROLLED RUNOFF SHALL BE AVOIDED IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
6. CONTRACTORS SHALL MAKE EVERY REASONABLE EFFORT TO RETAIN SEDIMENT ON SITE AND PREVENT SEDIMENT MIGRATION TO OUTSIDE THE WORK AREA.
7. OFF-SITE MIGRATION OF SEDIMENT THROUGH VEHICLE TRAFFIC IN AND OUT OF SITE SHALL BE ADDRESSED WITH CONSTRUCTION SWEEPING AS DIRECTED BY THE LOCAL HIGHWAY SUPERINTENDENT, TOWN ENGINEER, OR OWNER.
8. SEDIMENT SHALL BE REMOVED FROM ANY SEDIMENT TRAPS OR PONDS WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%
9. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER RUNOFF.
10. OFF-SITE MATERIAL STORAGE AREAS, INCLUDING SOIL STOCKPILES AND BORROW PITS, USED SOLELY BY THE PERMITTED PROJECT, ARE CONSIDERED PART OF THE PROJECT UNDER THIS PERMIT AND ARE THEREFORE SUBJECT TO THE SAME RESTRICTIONS AND CONDITIONS OF A NPDES PERMIT APPLICABLE TO THIS PROJECT(IF ANY).
11. CONCRETE WASHOUT LOCATIONS SHALL BE LOCATED OUTSIDE OF RESOURCE AREAS AND THEIR ASSOCIATED BUFFER ZONE SETBAKS.
12. SNOW DUMPING AREAS SHALL BE LOCATED MORE THAN 100 FEET FROM WETLAND RESOURCE AREAS.

STABILIZATION PRACTICES

1. ALL SOIL SLOPES OF 2:1 OR GREATER SHALL BE STABILIZED WITH CURLEX BIODEGRADEABLE ENVIRONMENTAL MATTING OR EQUAL UNLESS OTHERWISE SPECIFIED. ALL OTHER SLOPES AND STORMWATER BASINS (TEMPORARY OR PERMANENT) SHALL BE STABILIZED WITH THE APPLICATION OF ECOAEGIS SPRAY MIX OR EQUAL. REMAINING AREAS SHALL BE LOAMED AND SEEDED WITH THE SPECIFIED SEED MIX.
2. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: ESTABLISHMENT OF TEMPORARY VEGETATION, ESTABLISHMENT OF PERMANENT VEGETATION, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES AND EXISTING VEGETATION, AND OTHER APPROPRIATE MEASURES.
3. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
4. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE, INCLUDING THE TIMELY REMOVAL OF SNOW COVER TO ALLOW STABILIZATION MEASURES TO BE PUT DIRECTLY IN CONTACT WITH THE SOIL SURFACE.
5. WHERE CONSTRUCTION ACTIVITY ON A SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

STRUCTURAL PRACTICES

1. STRUCTURAL PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: SILT FENCES, STRAW BALES, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY AND PERMANENT SEDIMENT BASINS.
2. PRIOR TO BEGINNING WORK, CONTRACTOR SHALL INSTALL EROSION CONTROL BARRIERS AS SHOWN ON PLANS IN AREAS WHERE WORK IS PLANNED. PERMANENT STORM WATER MANAGEMENT BASINS SHOWN ON PLANS MAY BE USED AS TEMPORARY SEDIMENTATION BASINS DURING CONSTRUCTION. CONTRACTOR SHALL CONSTRUCT BERMS, SWALES OR OTHER MEASURES TO DIRECT STORM WATER TO TEMPORARY BASINS DURING CONSTRUCTION. WHERE STORM WATER CANNOT BE DIRECTED TO PERMANENT BASIN AREAS, TEMPORARY BASINS SHALL BE CONSTRUCTED WITH A VOLUME OF 3,600 CUBIC FEET PER ACRE OF AREA DIRECTED TO BASIN.

GENERAL SITE MAINTENANCE

1. UNDER NO CONDITIONS SHALL SOLID MATERIALS, INCLUDING BUILDING MATERIALS, BE DISCHARGED TO WATERS OF THE UNITED STATES EXCEPT AS MAY BE AUTHORIZED BY PERMIT UNDER SECTION 404 OF THE CLEAN WATERS ACT.
2. DUST SHALL BE CONTROLLED BY WATERING AS SITE CONDITIONS DEMAND.
3. STABILIZED STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO BEGINNING EARTHWORK. IF STONE VOIDS IN STONE IN CONSTRUCTION ENTRANCE BECOME COMPLETELY FILLED WITH SEDIMENT, STONE SHALL BE REMOVED AND REPLACED WITH CLEAN STONE.
4. ALL EROSION CONTROL MEASURES AND OTHER PROTECTIVE MEASURES USED ON THE SITE MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. IF SITE INSPECTIONS IDENTIFY BMPS THAT ARE NOT FUNCTIONING, MAINTENANCE SHALL BE PERFORMED BEFORE THE NEXT ANTICIPATED STORM EVENT, OR AS NECESSARY TO MAINTAIN THE CONTINUED EFFECTIVENESS OF STORM WATER CONTROLS. IF MAINTENANCE PRIOR TO THE NEXT ANTICIPATED STORM EVENT IS IMPRACTICABLE, MAINTENANCE MUST BE SCHEDULED AND ACCOMPLISHED AS SOON AS PRACTICABLE.

INSPECTIONS

1. INSPECTIONS MUST BE CONDUCTED AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
2. INSPECTIONS MAY BE REDUCED TO ONCE A MONTH IF THE ENTIRE SITE IS TEMPORARILY STABILIZED OR IF THE GROUND SURFACE IS STABILIZED BY SNOW, ICE OR FROZEN GROUND.
3. INSPECTIONS MUST BE CONDUCTED BY A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICE OF EROSION AND SEDIMENT CONTROLS WHO POSSESSES THE SKILLS TO ASSESS CONDITION AT THE CONSTRUCTION SITE THAT COULD IMPACT STORM WATER QUALITY AND TO ASSESS THE EFFECTIVENESS OF ANY SEDIMENT AND EROSION CONTROL MEASURES SELECTED TO CONTROL THE QUALITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITY.
4. FOR EACH INSPECTION PERFORMED, AN INSPECTION REPORT MUST BE COMPLETED AND RETAINED AS PART OF THE SWPPP FOR AT LEAST THREE YEARS FROM THE DATE THAT PERMIT COVERAGE EXPIRES OR IS TERMINATED.

SEQUENCE OF CONSTRUCTION

1. THE CONTRACTOR SHALL PERFORM MAJOR SITE CONSTRUCTION ACTIVITIES IN A MANNER WHICH WILL INSURE THE STABILIZATION OF AREAS AS SOON AS POSSIBLE AS OUTLINED BELOW.

- INSTALL EROSION CONTROL BARRIER ALONG AREAS TO BE DISTURBED
- INSTALL CONSTRUCTION ENTRANCE(S)
- SOIL STABILIZATION
- CLEAR AND GRUB SITE
- EXCAVATE AND CONSTRUCT STORM WATER MANAGEMENT BASINS
- INSTALL UTILITIES
- EXCAVATION AND GRADING FOR BUILDING SITE
- INSTALL PAVEMENT BASE
- FINAL GRADING AND SOIL TREATMENT WITH LOAM AND SEED

ACCESS

1. ACCESS TO THE SITE SHALL BE MADE IN THE AREA OF A PERMANENT DRIVEWAY OR ROADWAY UNLESS DOING SO WOULD RESULT IN A TRAFFIC HAZARD.
2. PRIOR TO CONSTRUCTION AN AREA OF CRUSHED STONE SHALL BE PLACED AT THE DRIVEWAY ENTRANCE TO INSURE THAT MUD IS NOT TRACKED ONTO THE EXISTING ROAD (SEE CONSTRUCTION ENTRANCE). IF MUD IS INADVERTENTLY TRACKED ONTO THE ROAD IT SHOULD BE REMOVED BEFORE THE END OF THE WORK DAY.
3. LABORERS VEHICLES SHALL BE PARKED IN A DESIGNATED AREA AS TO MINIMIZE DISTURBED SURFACES AND TO INSURE THAT RUTS ARE NOT CREATED AND WHICH COULD CARRY WATER TO A WETLAND OR SENSITIVE AREA.
4. SUITABLE MEASURES SHALL BE TAKEN TO INSURE THAT LARGE DELIVERY TRUCKS SERVICING THE SITE DO NOT DAMAGE AREAS OF EXISTING VEGETATION OR CAUSE DISTURBANCE TO STABILIZED AREAS.

CLEARING

1. LAND CLEARING SHALL BE PERFORMED IN PHASES CONSISTENT WITH ACTUAL CONSTRUCTION REQUIREMENTS. FINAL LAND CLEARING SHALL BE LIMITED TO RETURN TO GRADE SLOPES.
2. TREES SHALL BE CUT AND STUMPS GROUND IN PLACE TO EXISTING GRADE TO MAINTAIN SOIL STABILIZATION.
3. BRUSH AND BRANCHES SHOULD BE CHIPPED AND UTILIZED FOR WOOD MULCH IF PRACTICAL.

GRUBBING AND STRIPPING

1. TOP SOIL SHALL BE RETAINED FOR LANDSCAPING PURPOSES.
2. GRUBBING AND STRIPPING OF STEEP SLOPES SHOULD NOT BE UNDERTAKEN DURING PERIODS OF INTENSE RAINFALL.
3. TOP SOIL SATURATED WITH WATER SHALL BE REMOVED AND CONTAINED PRIOR TO BEING USED.
4. DURING PERIODS OF INTENSE RAINFALL, OR IF THE PROJECT IS TO BE LEFT FOR A PERIOD OF TIME, CONSIDERATION SHOULD BE GIVEN TO SUPPLEMENT EXISTING EROSION CONTROL DEVICES WITH CRUSHED STONE OR ARMORED BARRIERS. CONSIDERATION SHOULD ALSO BE GIVEN TO DIVERTING RUNOFF INTO TEMPORARY SEDIMENTATION CONTROL AREAS.
5. WHENEVER PRACTICAL, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENTED.

ROUGH GRADING

1. THE ROUGH GRADING OF THE PAVEMENT AREAS SHALL FOLLOW STANDARD FILL AND EXCAVATION SEQUENCES, RESULTING IN SLOPES BEING MAINTAINED AS MUCH AS IS PRACTICAL.
2. DURING THIS PROCESS THE EROSION POTENTIAL IS HIGH AND SUFFICIENT EROSION CONTROL BARRIERS SHOULD BE KEPT ON SITE TO INSURE THAT NO SEDIMENT IS DISCHARGED FROM THE SITE.
3. IN EXTENSIVE AREAS OF CUT, OR WHEN TOES OF FILL COULD DIVERT WATER, METHODS SHOULD BE TAKEN TO DIVERT WATER AWAY FROM EXCAVATED OR FILLED AREAS.
4. STEEP SIDE SLOPES IN EXCAVATION OR FILL SHOULD BE AVOIDED AS MUCH AS IS PRACTICAL.
5. DISTURBED AREAS SHALL BE STABILIZED BY LOAMING AND SEEDING OR RIP RAPPED IMMEDIATELY AFTER THE FINISHED GRADE HAS BEEN MET. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED BY STRAW SECURED BY WEIGHTED SNOW FENCE, CHICKEN WIRE MESH OR JUTE MATTING WITH APPROPRIATE SECURING DEVICES.
6. A GROUND COVER SUFFICIENT TO RETAIN EROSION MUST BE PLANTED OR OTHERWISE PROVIDED WITHIN 30 WORKING DAYS, SEASON PERMITTING, ON ANY PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION IS NOT BEING UNDERTAKEN.

DRAINAGE

1. DRAINAGE PIPES AND SWALES ARE TO BE CONSTRUCTED FROM THE DOWNSTREAM END UP AND CONSTRUCTION SHALL INCLUDE THE PLACEMENT OF OUTFALL RIP RAP AND OTHER MITIGATION MEASURES SHOWN ON THE PLAN.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION STRAW BALES OR OTHER SUITABLE METHODS TO ENTRAP SEDIMENT SHALL BE PLACED DOWNSTREAM.
3. THE TOE OF EMBANKMENTS SHALL BE STABILIZED IMMEDIATELY, MULCHED AND TACKED DOWN BY SUITABLE MEANS.
4. IF THE PROPOSED PAVED AREAS ARE NOT PAVED IMMEDIATELY AFTER THE INSTALLATION OF DRAINAGE STRUCTURES, STRAW BALE BARRIERS SHALL BE PLACED TO PROTECT THE INTEGRITY OF THE STRUCTURES.

LANDSCAPING

1. LANDSCAPING OF AREAS SHOULD OCCUR AS SOON AS POSSIBLE.
2. IF THE SEASON OR ADVERSE WEATHER CONDITIONS DO NOT PERMIT THE ESTABLISHMENT OF VEGETATION, TEMPORARY STRAW MULCH, OR OTHER MEANS OF STABILIZATION, SHALL BE PERFORMED.
3. THE USE OF HERBICIDES MAY BE SUBJECT TO LOCAL OR STATE REGULATIONS.
4. CARE SHOULD BE TAKEN WITH FERTILIZERS SUCH THAT THEY ARE NOT CARRIED TO A WETLAND OR SENSITIVE AREA.
5. TRUNKS OF TREES SHOULD NOT BE COVERED WITH MORE THAN TWO (2) INCHES OF SOIL.
6. STUMPS MAY BE GROUND DOWN INTO A WOOD MULCH AND UTILIZED OR REMOVED FROM THE SITE.

BUILDING CONSTRUCTION

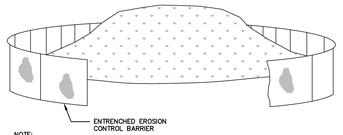
1. DURING BUILDING CONSTRUCTION MATERIALS SHALL BE STOCKPILED IN A MANNER AS TO NOT DIVERT OR CONCENTRATE RUNOFF IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
2. THE LOT SHOULD BE KEPT LITTER FREE.
3. NO FUELS, SOLVENTS, PAINTS, ETC. SHALL BE STORED ON SITE. THESE PRODUCTS SHALL BE REMOVED FROM THE SITE EACH EVENING AND RETURNED THE FOLLOWING DAY.
4. BURIAL OF CONSTRUCTION DEBRIS AND RELATED MATERIALS IS PROHIBITED.
5. PLASTERERS AND PAINTERS SHALL BE INFORMED THAT THE DISCHARGE OF LIQUIDS INTO THE DRAINAGE SYSTEM OR WETLAND OR OTHER RESOURCE AREA IS PROHIBITED.

TEMPORARY STORMWATER/SEDIMENTATION BASINS

1. THE PRIMARY EROSION CONTROL METHOD FOR BASIN CONSTRUCTION, AS WELL AS THE SITE, IS THE RAPID STABILIZATION OF ALL SURFACES. SECONDARY IN IMPORTANCE IS TO AVOID CONCENTRATION OF RUNOFF IN ORDER TO PREVENT THE TRANSPORTATION OF SEDIMENT.
2. DURING CONSTRUCTION THE FILL AND EXCAVATION SEQUENCES SHOWN ON THIS PLAN SHOULD BE UTILIZED. THESE SEQUENCES REQUIRE THAT SLOPED AREAS LEFT FOR ANY PERIOD OF TIME SHALL NOT NOT BE SLOPED TOWARDS THE WETLAND OR SENSITIVE AREA, BUT RATHER BACK INTO THE FILL MATERIAL.
3. THE BASIN BERMS ARE TO BE CONSTRUCTED BY EQUIPMENT WORKING ON STABLE MATERIAL ONLY. EROSION CONTROL BARRIERS SHALL BE PLACED AT THE TOE OF SLOPE UNTIL SURFACES ARE STABILIZED.
4. NO EXCAVATION WITHIN THE BASIN SHALL COMMENCE UNTIL THE BERM IS IN PLACE.
5. CARE SHOULD BE TAKEN TO INSURE THAT ORGANIC MATERIAL REMOVED FROM THE BASIN AREA IS RESERVED FOR FINISH GRADING AND THE STABILIZATION OF DISTURBED AREAS.
7. IF DEWATERING IS NECESSARY, PUMPING TO A SETTLING BASIN SHALL BE PERMITTED IF THE BASIN IS CONSTRUCTED, MAINTAINED AND OPERATED EFFECTIVELY.
8. DURING THE CONSTRUCTION PHASE OF THIS PROJECT, TEMPORARY SEDIMENTATION BASINS MAY BE USED. DURING CONSTRUCTION THE FOLLOWING MEASURES SHALL BE USED IN THE CREATION OF ANY TEMPORARY BASINS:
   - A TEMPORARY SILT FENCE BAFFLE SHALL BE INSTALLED AROUND THE LOCATION INCOMING FLOW, OR APPLICABLE LOCATION, TO PROMOTE THE SEDIMENTATION OF FINE PARTICULATE MATTER.
   - SLT ELEVATION POLES SHALL BE DRIVEN VERTICALLY INTO THE BASIN BOTTOM SO THAT THE ELEVATION OF THE BASIN BOTTOM AND MAXIMUM SILT LEVEL CAN BE MARKED ON IT AND READ FROM THE BASIN PERIMETER.
   - UPON FINAL STABILIZATION OF AREAS DRAINING TO THE BASIN, TEMPORARY FILTER FABRIC SHALL BE REMOVED, ALL SILT SHALL BE REMOVED, AND THE BASIN INTERIOR AND EXTERIOR SIDE SLOPES SHALL BE RE-GRADED AS NECESSARY TO CONFORM TO PROPOSED GRADES, AND ALL AREAS RE-STABILIZED AS REQUIRED.

CATCH BASINS AND DRAIN INLETS

1. ALL CATCH BASINS AND DRAINAGE INLETS SHALL BE PROTECTED BY STRAWBALE SILT DAMS UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED IN ALL AREAS TRIBUTARY TO THE STRUCTURE.
2. SILT SACKS SHALL BE INSTALLED IN ALL CATCH BASINS AND MAINTAINED UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED IN ALL AREAS TRIBUTARY TO THE STRUCTURE.
3. SEDIMENT SHALL BE ALLOWED TO ACCUMULATE IN THE SUMPS OF CATCH BASINS TO A DEPTH NO GREATER THAN SIX (6) INCHES.



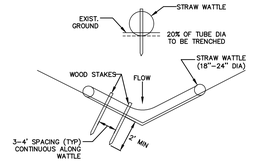
NOTE:

STABILIZE STOCKPILE WITH ANNUAL RYEGRASS, MULCH OR EROSION CONTROL BLANKETS.

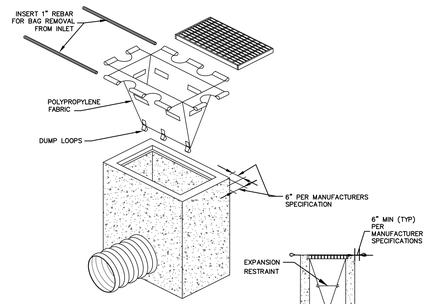
1 SOIL STOCKPILE - EROSION CONTROL
(NOT TO SCALE)

NOTES:
1. STRAW WATTLES MUST MEET THE CRITERIA OUTLINED IN THE SPECIFICATIONS BEFORE BEING UTILIZED AND BE FREE FROM DEFECTS OR TRANSPORTATION DAMAGE.
2. PROPER SITE PREPARATION IS ESSENTIAL TO ENSURE WATTLES ARE IN COMPLETE CONTACT WITH UNDERLYING SOIL. SEDIMENT TUBES ARE TO BE 18"–24" IN DIAMETER AND ARE TO BE TRENCHED 3 TO 5 INCHES.
3. WATTLES ARE TO BE INSTALLED PERPENDICULAR TO WATER FLOW.
5. THE WATTLES SHALL BE STAKED DOWN WITH 1 INCH BY 1 INCH WOOD STAKES OR 1.25 LBS/LINEAR FOOT STEEL POSTS EVERY 3 TO 4 FEET ALONG ITS LENGTH. THE STAKES SHALL BE A MINIMUM OF 2 FEET INTO THE GROUND LEAVING LESS THAN 6 INCHES OF THE STAKE ABOVE THE EXPOSED WATTLE. REFER TO THE MANUFACTURERS RECOMMENDATIONS FOR OTHER STAKING DETAILS.
6. SELECT PROPER LENGTH OF WATTLES TO MINIMIZE THE NUMBER NEEDED TO SPAN THE WIDTH OF AREA. IF NECESSARY, WATTLES CAN BE LAPPED A MINIMUM OF 6 INCHES TO PREVENT PASSAGE OF FLOW AND SEDIMENT THROUGH FIELD JOINT.
7. INSTALL WATTLES FOR DITCH CHECKS OVER BARE SOIL, MULCHED AREAS, OR EROSION CONTROL BLANKETS. KEEP WATTLES FOR DITCH CHECKS IN PLACE UNTIL FULLY ESTABLISHED VEGETATION AND ROOT SYSTEMS HAVE COMPLETELY DEVELOPED AND CAN SURVIVE ON THEIR OWN.
8. REMOVE AND/OR REPLACE INSTALLED WATTLES AS REQUIRED TO ADAPT TO CHANGING CONSTRUCTION SITE CONDITIONS. REMOVE WHEN THE FUNCTIONAL LONGEVITY IS EXCEEDED AS DETERMINED BY THE ENGINEER, INSPECTOR, OR MANUFACTURERS REPRESENTATIVE. GATHER WATTLES AND DISPOSE OF THEM IN REGULAR MEANS AS NON-HAZARDOUS INERT MATERIAL.
10. PRIOR TO FINAL STABILIZATION, BACKFILL ALL TRENCHES, DEPRESSIONS, AND OTHER GROUND DISTURBANCES CAUSED BY THE REMOVAL OF THE WATTLES.

SLOPE	ON SLOPE SPACING (FT)	MIN DIAMETER (INCH)
<6:1	50	12
6:1 – 4:1	25	20
4:1 – 2:1	20	20
2:1 – 1:1	10	20
>1:1	5	20



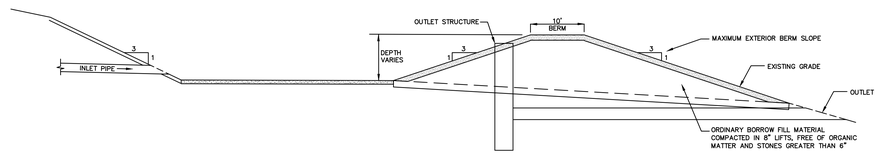
2 EROSION CONTROL BARRIER, STRAW WATTLES (TYP)
(NOT TO SCALE)



SIDE VIEW INSTALLED

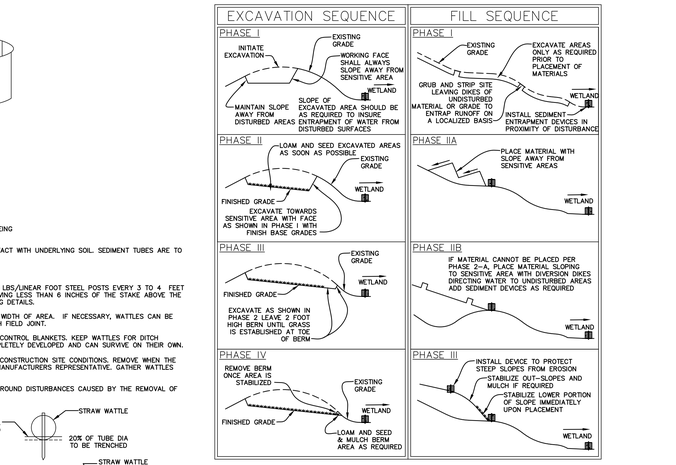
NOTES:
1. INSTALL SILT SACK IN EXISTING CATCH BASINS, BEFORE COMMENCING WORK, AND IN NEW CATCH BASINS IMMEDIATELY AFTER INSTALLATION OF STRUCTURE. MAINTAIN UNTIL BINDER COURSE PAVING IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE, GRATE TO BE PLACED OVER SILT SACK.
3. INSTALL CATCH BASIN INLET PROTECTION PER MANUFACTURER'S SPECIFICATIONS,
4. LENGTH AND WIDTH WILL BE MANUFACTURED TO FIT THE OPENING OF THE CATCH BASIN OR DROP INLET.
5. SILT SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE CATCH BASIN INLET PROTECTION SACK AS NEEDED.

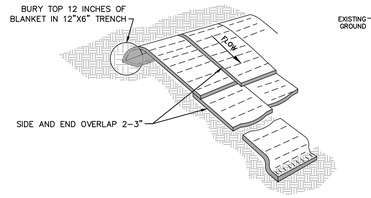
3 CATCH BASIN INLET PROTECTION
(NOT TO SCALE)



NOTE:
1. CONTRACTOR SHALL SIZE THE BASIN TO PROVIDE A MINIMUM STORAGE CAPACITY OF 1,800 CUBIC FEET PER ACRE OF CONTRIBUTING DRAINAGE AREA, AND SHALL CONFIGURED IT TO MAINTAIN EFFECTIVE SEDIMENT SETTLING IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.

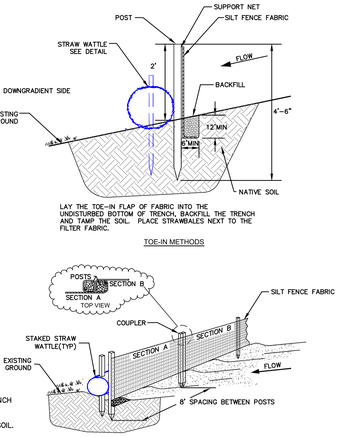
6 TEMPORARY SEDIMENTATION BASIN
(NOT TO SCALE)

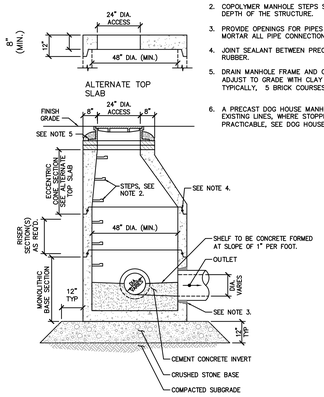




1. GRADE AND COMPACT AREA OF INSTALLATION AND REMOVE ALL ROCK, CLODS, VEGETATION OR OTHER OBSTRUCTION SO THAT THE INSTALLED BLANKET/MAT WILL HAVE DIRECT CONTACT WITH THE SOIL.
2. PREPARE SEEDBED BY LOOSENING 2–3IN OF TOPSOIL ABOVE FINAL GRADE.
3. INCORPORATE AMENDMENTS SUCH AS LIME AND FERTILIZER INTO THE SOIL IF NEEDED. DO NOT MULCH AREAS WHERE MAT IS TO BE PLACED.
4. APPLY SEED TO THE SOIL SURFACE BEFORE INSTALLING BLANK/MAT, OR AFTER INSTALLATION FOR TURF REINFORCEMENT MATS FOR ENHANCED PERFORMANCE.
5. EXTEND BLANKET/MAT 2–3 FEET OVER CREST OF SLOPE AND EXCAVATE A 12x6 INCH TERMINAL ANCHOR TRENCH
6. ANCHOR BLANKET/MAT IN A TRENCH ON 1 FT SPACING, BACKFILL AND COMPACT SOIL.
7. ROLL THE BLANKETS THE SLOPE WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE
8. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP AND STAPLE. MAKE SURE THAT EDGE OVERLAPS ARE SHINGLED AWAY
9. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
10. LAY BLANKETS/MAT LOOSE TO MAINTAIN DIRECT CONTACT WITH SOIL.
11. TO BE INSTALLED ON ALL SLOPES 2:1 OR STEEPER UNLESS OTHERWISE NOTED.

4 STABILIZED SLOPE DETAIL
(NOT TO SCALE)


SUP

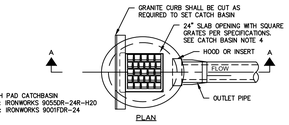


ALTERNATE TOP SLAB

1 DRAIN MANHOLE (DMH)
(NOT TO SCALE)

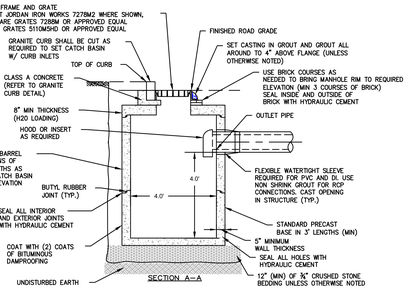
NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)
6. A PRECAST DOG HOUSE MANHOLE MAY BE USED FOR NEW MANHOLES OVER EXISTING LINES, WHERE STOPPING OR DIVERTING THE EXISTING FLOW IS NOT PRACTICABLE, SEE DOG HOUSE MANHOLE DETAIL 8/C-5.1 (THIS SHEET).



NOTE:
SPLASH PAD CATCHBASIN GRATE: IRONWORKS 9055DR-24R-H20 FRAME: IRONWORKS 9001DR-24

PLAN



2 PRECAST CONCRETE CATCH BASIN W/TRAP
(NOT TO SCALE)

TABLE 1				
MANHOLE DIAMETER	SIDE WALL MIN. THICKNESS	BOTTOM SLAB MIN. THICKNESS	MAX. PIPE DIAMETER * RCP	DI/PVC
4'	5"	6"	24"	30"
5'	6"	8"	36"	42"
6'	6"	8"	48"	54"
8'	8"	8"	66"	72"
10'	10"	10"	72"	84"

* MAY VARY DEPENDING ON SIZE AND LOCATION OF ADDITIONAL PENETRATIONS OR RELATIONSHIP OF PENETRATIONS IN MANHOLE

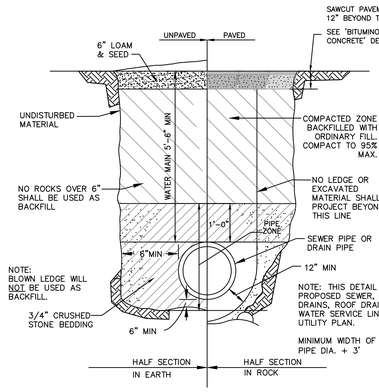
GENERAL CATCH BASIN NOTES:

1. FACE OF PIPE SHALL NOT PROJECT MORE THAN 3-INCHES FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
2. DESIGN PRECAST SECTIONS WITH FRAME AND GRATE FOR AASHTO H20 LOADING UNLESS OTHERWISE NOTED.
3. PRECAST TOP SLAB OPENING CAN BE CENTERED OR OFFSET AS NECESSARY.
4. GRATE VANES SHALL BE INSTALLED IN DIRECTION TO RECEIVE FLOWS.
5. CATCH BASIN BASE SHALL BE SOLID.

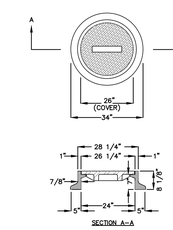
MANHOLE GENERAL NOTES:

1. DRAIN MANHOLE DIAMETER SHALL BE 4', 5', 6', 8' OR 10' AS REQUIRED FOR PIPE CONFIGURATIONS.
2. DESIGN PRECAST SECTIONS WITH FRAME AND COVER FOR AASHTO H20 LOADINGS UNLESS OTHERWISE NOTED.
3. MANHOLES LARGER THAN 4' IN DIAMETER AT THE BASE SHALL BE REDUCED IN DIAMETER TO 4' AT THE NEXT RISER SECTION UNLESS NOTED OTHERWISE ON PLANS.

3 MANHOLE AND CATCH BASIN NOTES
(NOT TO SCALE)

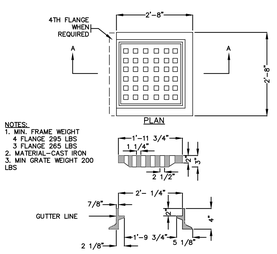


4 TYPICAL PIPE IN TRENCH
(NOT TO SCALE)



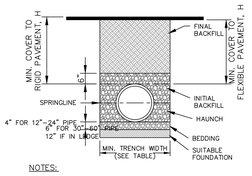
NOTES:
1. STANDARD COVER MIN. WEIGHT 200 LBS.
2. TYPE-A FRAME MIN. WEIGHT 265 LBS. MATERIAL-CAST IRON
3. STAMPED TO READ 'DRAIN' FOR DRAIN MANHOLE INSTALLATION

5 STANDARD DRAIN MANHOLE FRAME AND COVER
(NOT TO SCALE)



NOTES:
1. MIN. FRAME WEIGHT 4 FLANGE 295 LBS 3 FLANGE 265 LBS
2. MATERIAL-CAST IRON
3. MIN GRATE WEIGHT 200 LBS

6 STANDARD CATCH BASIN FRAME AND GRATE
(NOT TO SCALE)

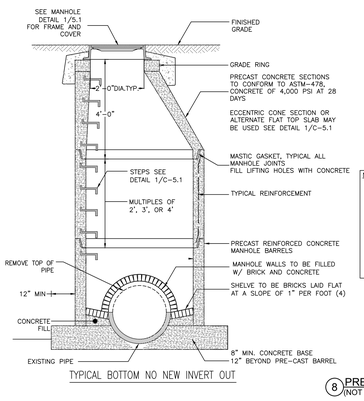


NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 12"-24", 6" FOR 30"-60".
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 36" MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. MATERIAL PLACED SHALL BE COMPACTED IN LIFTS WITH A MAXIMUM THICKNESS OF 12".

MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

7 HDPE PIPE TRENCH INSTALLATION
(NOT TO SCALE)

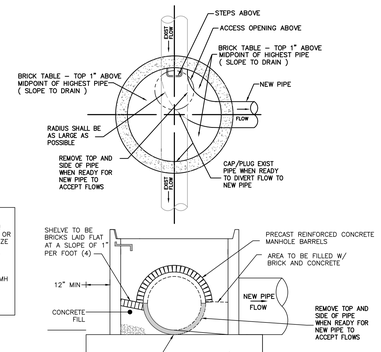


TYPICAL BOTTOM NO NEW INVERT OUT

NOTES:

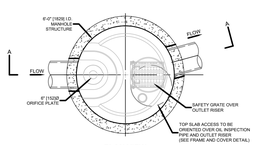
1. 5'-0" OR 6'-0" DIAMETER WHEN DEPTHS GREATER THAN 20 FEET OR WHEN REQUIRED BY THE PIPE SIZE
2. 6" MIN. WALL THICKNESS, 5'-0" DIAMETER MANHOLES
3. SEE DMH DETAIL 1/C-5.1 OR SMH DETAIL 7/C-5.4 FOR ADDITIONAL NOTES AND INFORMATION AS APPLICABLE.

8 PRECAST DOG HOUSE MANHOLE
(NOT TO SCALE)



ALT BOTTOM TO ACCOMMODATE NEW PIPE OUT

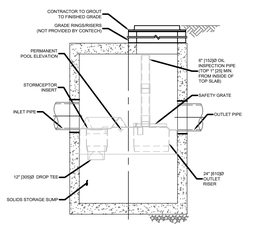
NOTE:
A TYPICAL STORMCEPTOR 900 IS SHOWN
SEE MANUFACTURER FOR ADDITIONAL DETAILS



PLAN VIEW
TOP SLAB NOT SHOWN

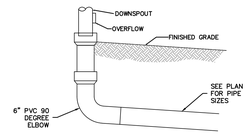


FRAME AND COVER
(MAY VARY)
NOT TO SCALE

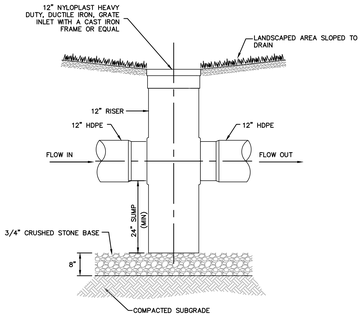


SECTION A-A

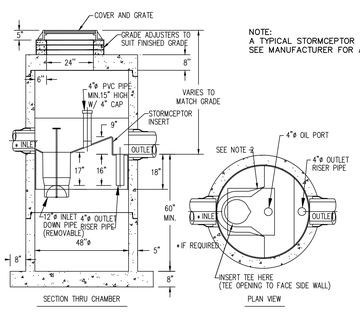
9 STORMCEPTOR STC900 STANDARD DETAIL
(NOT TO SCALE)



10 DOWNSPOUT CONNECTION TO DRAINAGE
(NOT TO SCALE)

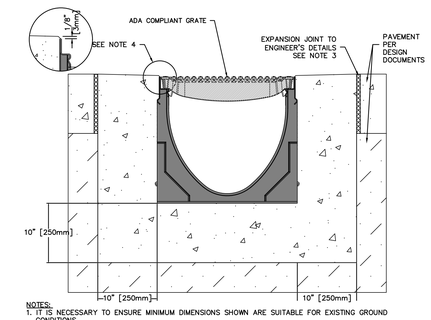


11 AREA DRAIN
(NOT TO SCALE)



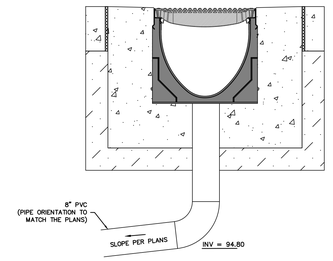
NOTE:
A TYPICAL STORMCEPTOR 450i IS SHOWN
SEE MANUFACTURER FOR ADDITIONAL DETAILS

12 WATER QUAILITY STRUCTURES (WQS) STC-450i
(NOT TO SCALE)

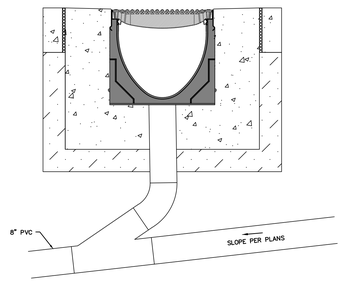


NOTES:
1. IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS.
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND..
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" [3mm] ABOVE THE TOP OF THE CHANNEL EDGE.
5. CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS. ENGINEERING ADVICE MAY BE REQUIRED TO DETERMINE PROPER LOAD CLASS.
6. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

16 ACO TRENCH DRAIN K300 KLASSIKDRAIN DRAINLOK
(NOT TO SCALE)

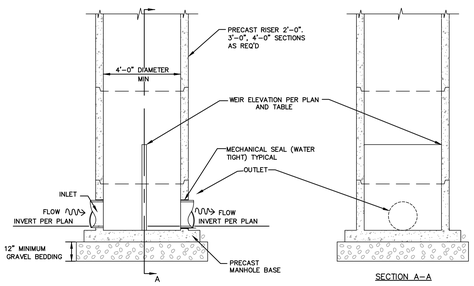


TD-1 AND TD-3 CONNECTION



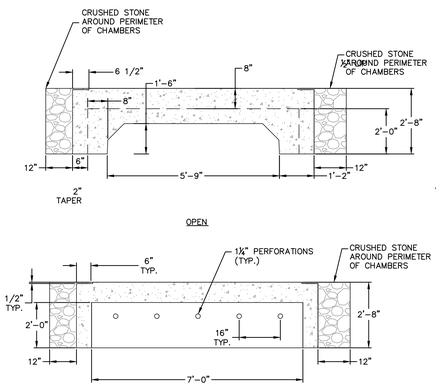
TD-2 CONNECTION

STRUCTURE ID	RIM ELEVATION	WEIR ELEVATION	OUTLET INVERT
DMH-11	95.39	91.00	89.60
DMH-10	95.55	93.80	90.00
DMH-35	94.74	92.50	90.00
DMH-45	94.71	93.20	90.00
DMH-48	94.46	92.60	89.20

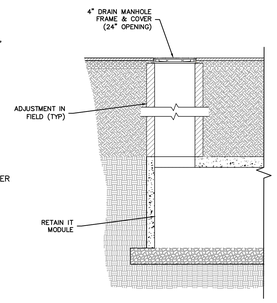


*NOTES:
1. SEE GRADING AND DRAINAGE SHEETS C3.01 AND C3.02 FOR OCS STRUCTURE INVERT ELEVATIONS.

13 MANHOLE W/OUTLET CONTROL STRUCTURE
(NOT TO SCALE)



14 TYPICAL 2.0' UNIT RETAIN-IT SMS INFILTRATION SYSTEM
(NOT TO SCALE)



15 INSPECTION PORT FOR UNDERGROUND SYSTEMS
(NOT TO SCALE)

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 1

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CDW CONSULTANTS
Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

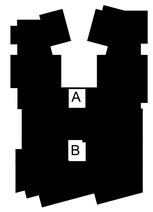
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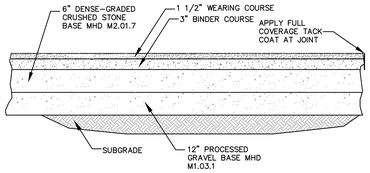
KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
CONSTRUCTION DETAILS

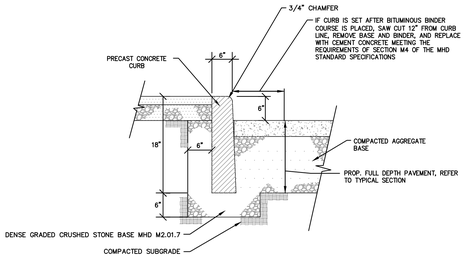
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C5.01



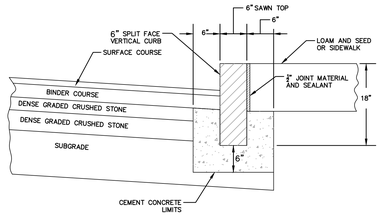
NOTE:

1. PAVEMENT CROSS SECTION PER DPW REQUIREMENTS.
2. TEMPORARY PAVEMENT AREAS MAY BE PAVED WITH A 2" BASE COURSE

1 BITUMINOUS CONCRETE PAVEMENT
(NOT TO SCALE)



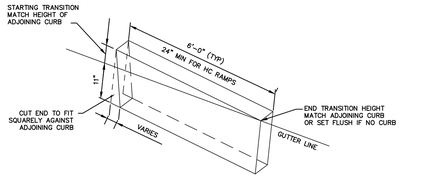
2 PRECAST CONCRETE CURB
(NOT TO SCALE)



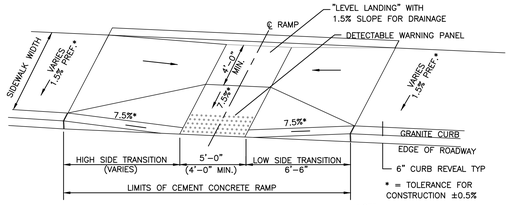
NOTES:

1. CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND SUBGRADE, REPLACE WITH CEMENT CONCRETE. COVER WITH BINDER AND TOP COURSE TO CURB.
2. 3,000 PS CEMENT CONCRETE MAY BE USED. BITUMINOUS CONCRETE SHALL NOT BE USED AS A SUBSTITUTE.

3 VERTICAL GRANITE CURB
(NOT TO SCALE)



4 TRANSITION CURB DETAIL
(NOT TO SCALE)

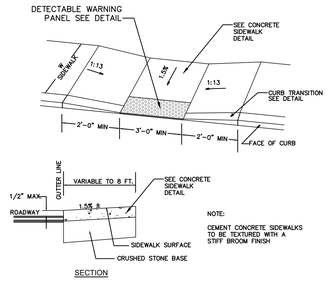


NOTES:

1. CEMENT CONCRETE SIDEWALKS TO BE TEXTURED WITH A STIFF BROOM FINISH
2. SIDEWALK ORIENTATION MAY VARY, SEE PLANS.
3. PROVIDE RETURNED CURBS WHERE SHOWN ON PLANS.

NOTE:
FOR DETECTABLE WARNING PANEL DETAIL SEE

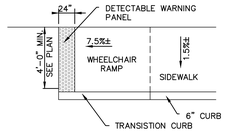
5 HANDICAP ACCESSIBLE RAMP (TYPE B)
(NOT TO SCALE)



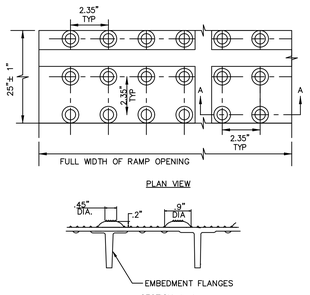
SECTION

NOTE:
CEMENT CONCRETE SIDEWALKS TO BE TEXTURED WITH A STIFF BROOM FINISH

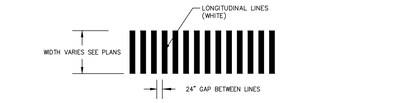
6 HANDICAP ACCESSIBLE RAMP (TYPE A)
(NOT TO SCALE)



7 HANDICAP ACCESSIBLE RAMP (TYPE C)
(NOT TO SCALE)



8 DETECTABLE WARNING PANEL
(NOT TO SCALE)

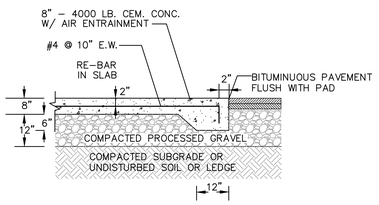


PAVEMENT MARKING – FAST DRYING WATER-BORNE OR OTHER TRAFFIC PAINT

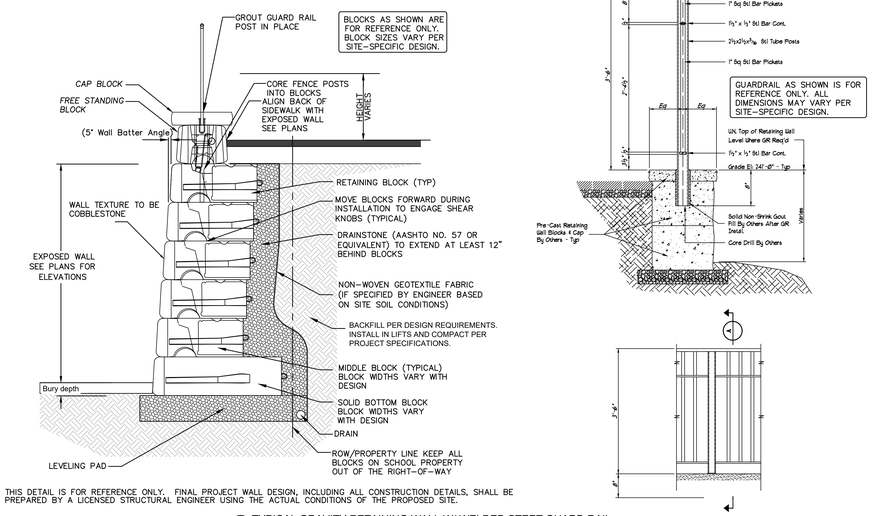
NOTES:

1. CROSSWALK MARKINGS SHALL CONSIST OF SOLID WHITE (AS INDICATED) LINES (BOTH TRANSVERSE AND LONGITUDINAL) 12 INCHES IN WIDTH.
2. SEE PLANS FOR CROSSWALK WIDTH.
3. LONGITUDINAL LINES SHALL BE SPACED 24" APART FOR ALL NEW CROSSWALKS. EXISTING CROSSWALK REPAIRS SHALL MATCH EXISTING SPACING.
4. CROSSWALK LINES SHALL EXTEND ACROSS THE FULL WIDTH OF PAVEMENT OR TO THE EDGE OF THE INTERSECTING CROSSWALK.
5. CROSSWALKS SHALL BE MARKED AT ALL INTERSECTIONS WHERE THERE IS SUBSTANTIAL CONFLICT BETWEEN VEHICULAR AND PEDESTRIAN MOVEMENT.

9 CROSSWALK DETAIL
(NOT TO SCALE)

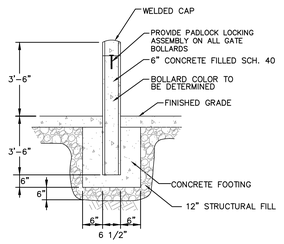


10 CONCRETE DUMPSTER PAD
(NOT TO SCALE)



THIS DETAIL IS FOR REFERENCE ONLY. FINAL PROJECT WALL DESIGN, INCLUDING ALL CONSTRUCTION DETAILS, SHALL BE PREPARED BY A LICENSED STRUCTURAL ENGINEER USING THE ACTUAL CONDITIONS OF THE PROPOSED SITE.

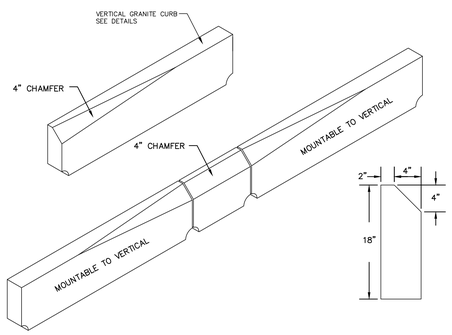
11 TYPICAL GRAVITY RETAINING WALL W/ WELDED STEET GUARD RAIL
(NOT TO SCALE)



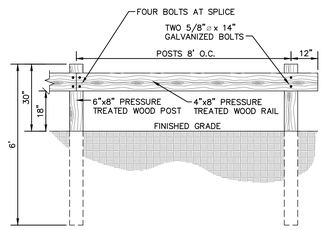
NOTES:

1. FOR DECORATIVE BOLLARDS SEE LA PLANS.

12 TYPICAL BOLLARD DETAIL
(NOT TO SCALE)



13 MOUNTABLE GRANITE CURB
(NOT TO SCALE)



14 WOODEN GUARD RAIL
(NOT TO SCALE)

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320 SALEM ST.
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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

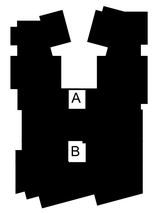
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KEY PLAN

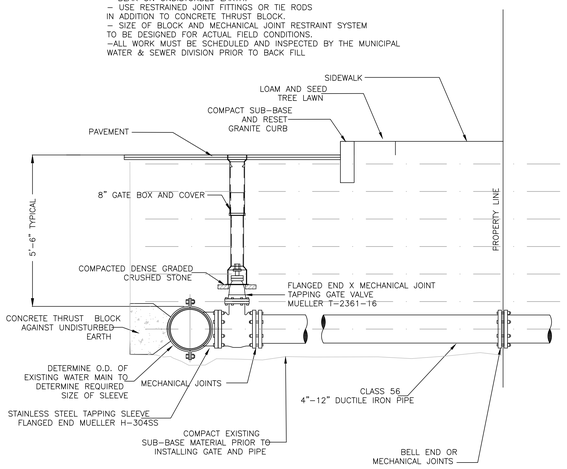


ORIENTATION AND SCALE:

SHEET TITLE:
CONSTRUCTION DETAILS

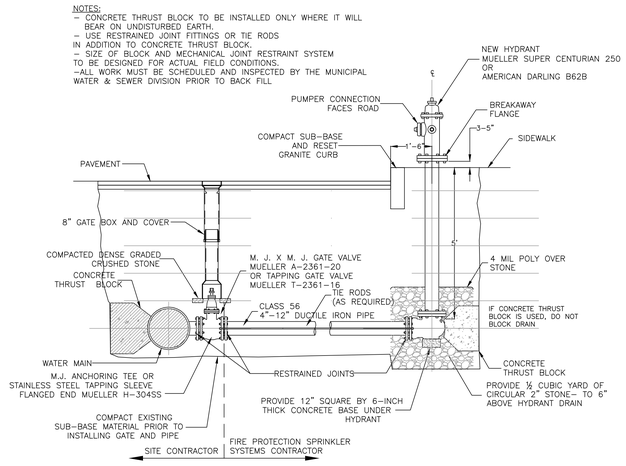
SHEET NUMBER:
C5.02

NOTES:
– CONCRETE THRUST BLOCK TO BE INSTALLED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH.
– USE RESTRAINED JOINT FITTINGS OR TIE RODS IN ADDITION TO CONCRETE THRUST BLOCK.
– SIZE OF BLOCK AND MECHANICAL JOINT RESTRAINT SYSTEM TO BE DESIGNED FOR ACTUAL FIELD CONDITIONS.
–ALL WORK MUST BE SCHEDULED AND INSPECTED BY THE MUNICIPAL WATER & SEWER DIVISION PRIOR TO BACK FILL

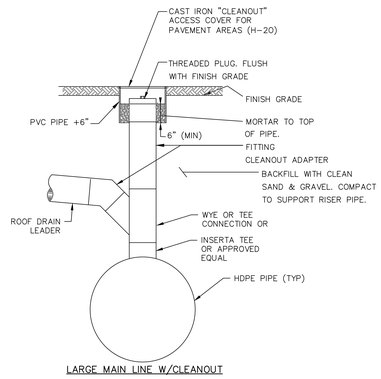


1 TAPPING SLEEVE AND GATE VALVE WATER PIPE CONNECTION
(NOT TO SCALE)

NOTES:
– CONCRETE THRUST BLOCK TO BE INSTALLED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH.
– USE RESTRAINED JOINT FITTINGS OR TIE RODS IN ADDITION TO CONCRETE THRUST BLOCK.
– SIZE OF BLOCK AND MECHANICAL JOINT RESTRAINT SYSTEM TO BE DESIGNED FOR ACTUAL FIELD CONDITIONS.
–ALL WORK MUST BE SCHEDULED AND INSPECTED BY THE MUNICIPAL WATER & SEWER DIVISION PRIOR TO BACK FILL

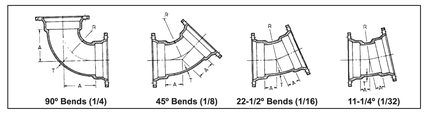


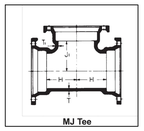
2 NEW HYDRANT DETAIL
(NOT TO SCALE)



LARGE MAIN LINE W/CLEANOUT

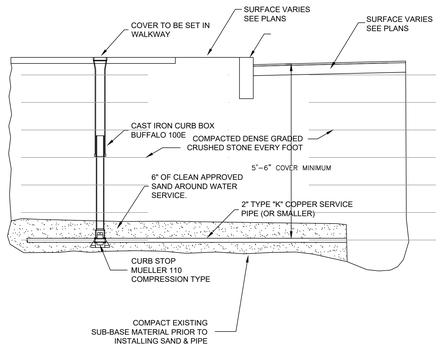
3 TYPICAL DRAIN CLEANOUTS
(NOT TO SCALE)



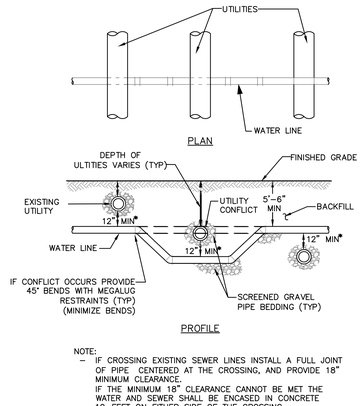


NOTE:
FITTINGS SHOWN ARE GENERIC AND FOR REFERENCE ONLY. EXACT GEOMETRY, DIMENSIONS, TYPE, AND CONFIGURATION PER MANUFACTURER'S APPROVED SUBMITTAL, APPLICABLE AWWA STANDARDS, AND PROJECT SPECIFICATIONS.

7 TYPICAL WATER MAIN PIPE JOINTS
(NOT TO SCALE)

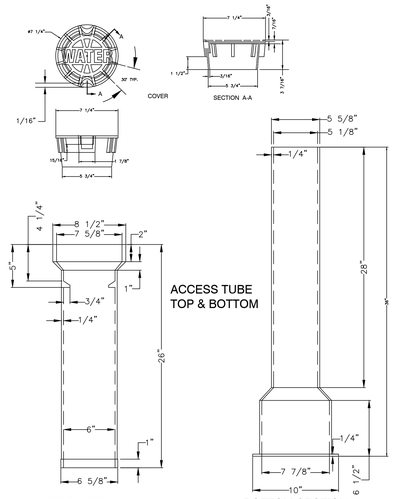


4 TYPICAL 2" WATER SERVICE (OR SMALLER)
(NOT TO SCALE)



NOTE:
– IF CROSSING EXISTING SEWER LINES INSTALL A FULL JOINT OF PIPE CENTERED AT THE CROSSING, AND PROVIDE 18" MINIMUM CLEARANCE.
IF THE MINIMUM 18" CLEARANCE CANNOT BE MET THE WATER AND SEWER SHALL BE ENCASED IN CONCRETE 10–FEET ON EITHER SIDE OF THE CROSSING.

5 UTILITY CROSSING DETAIL
(NOT TO SCALE)

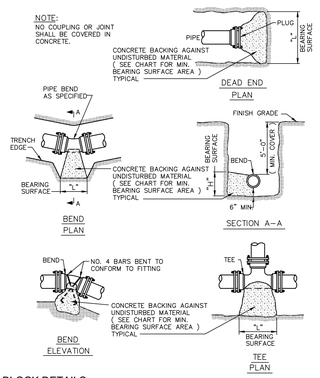


6 CAST IRON 6" GATE BOX FOR 6" GATE VALVES
(NOT TO SCALE)

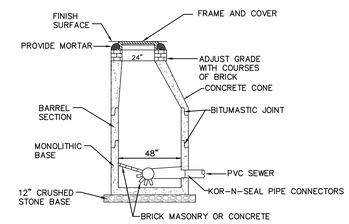
MINIMUM AREA OF BEARING FACE
CONCRETE THRUST BLOCKS IN SQUARE FEET

PIPE SIZE (IN.)	SAND/SOFT CLAY 1,000 LBS./SQ. FT.	SAND/GRAVEL 3,000 LBS./SQ. FT.	HARDPAN/SOFT ROCK 5,000 LBS./SQ. FT.
SOIL BEARING			
DEAD END, TEE OR HYDRANT			
6	6.5	2.0	1.5
8	10.0	3.5	2.0
10	17.0	6.0	3.5
12	23.0	8.0	5.0
1/4 BEND – 90°			
6	9.5	3.0	2.0
8	14.0	5.0	3.0
10	24.0	8.0	5.0
12	32.5	11.0	6.5
1/8 BEND – 45°			
6	5.0	2.0	1.0
8	8.0	2.5	1.5
10	13.0	4.5	2.5
12	18.0	6.0	3.5
1/16 BEND – 22 1/2° OR LESS			
6	2.5	1.0	1.0
8	4.0	2.0	1.0
10	7.0	2.5	1.5
12	9.0	3.0	2.0

NOTES: THRUST BLOCKS
1. FIGURES BASED ON A TOTAL PRESSURE OF 175 PSI (OPERATING PLUS SURGE PRESSURE).
2. WHEN MORE THAN ONE SOIL TYPE IS ENCOUNTERED, THE ONE WITH LEAST BEARING CAPACITY SHALL BE USED.
3. RETAINING RODS OR RESTRAINED JOINT PIPE AS APPROVED BY THE ENGINEER SHALL BE USED IN PLACE OF THRUST BLOCKS WHEN SOIL OF LOW BEARING IS ENCOUNTERED.
4. PLACE 15 LB. ROOF FELT BETWEEN PIPE AND CONCRETE.
5. CONCRETE SHALL NOT COVER PIPE JOINTS, BOLTS, NUTS, THREADS OR DRAIN HOLE(S).
6. ALL BENDS, TEES, HYDRANTS AND DEAD ENDS SHALL BE BRACED WITH CONCRETE THRUST BLOCKS.
7. BEARING AREA IS AREA OF CONCRETE IN CONTACT WITH WALL OF TRENCH = H X L.
8. HEIGHT (H) AND LENGTH (L) AS REQUIRED TO OBTAIN BEARING AREA IN TABLE.
9. ESTIMATED BEARING LOADS AND CORRESPONDING SOIL TYPES:
1,000 LBS. SOFT CLAY, SAND
3,000 LBS. SAND AND GRAVEL, SAND AND GRAVEL WITH CLAY
5,000 LBS. SAND AND GRAVEL CEMENTED WITH CLAY, HARD PAN AND ROCK



8 TYPICAL THRUST BLOCK DETAILS
(NOT TO SCALE)



NOTES:
1. MANHOLE DESIGN SHALL CONFORM TO LATEST ASTM C478.
2. REINFORCING STEEL SHALL CONFORM TO LATEST ASTM A 185.
3. CONCRETE COMPRESSIVE STRENGTH–4,000 PSI @ 28 DAYS.
4. ONE POUR MONOLITHIC BASE.
5. STEPS–STEEL REINFORCED COPOLYMER POLYPROPELENE PLASTIC (PS2–PFSL M.A. INDUSTRIES, INC.) CONFORMING TO LATEST ASTM C478 PARA–12.
6. KOR–N–SEAL FLEXIBLE PIPE CONNECTORS SHALL CONFORM TO LATEST ASTM C923, A167.
7. A PRECAST DOG HOUSE MANHOLE MAY BE USED FOR NEW MANHOLES OVER EXISTING LINES, WHERE STOPPING OR DIVERTING THE EXISTING FLOW IS NOT PRACTICABLE, SEE DOG HOUSE MANHOLE DETAIL 11/C–5.1

9 SEWER MANHOLE (SMH)
(NOT TO SCALE)

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Environmental and Civil Engineering

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23–0847

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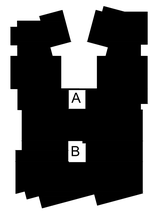
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KEY PLAN



ORIENTATION AND SCALE:

SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C5.03

PROPOSED SIGN SUMMARY

DESCRIPTION	MUTCD NUMBER	SIZE OF SIGN (IN.) WIDTH	SIZE OF SIGN (IN.) HEIGHT	TEXT	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER
STOP SIGN	R1-1	30	30		2	SEE MUTCD		
HANDICAP SIGN	R7-8-MA	12	18		6	SEE MUTCD		
HANDICAP VAN	R7-8P	12	6		1	WHITE	GREEN	GREEN
DO NOT ENTER	RS1-1	30	30		2	SEE MUTCD		
ONE WAY ARROW LEFT	R6-2R	12	18		2	SEE MUTCD		
PROTECTED WETLAND AREA	N/A	12	18		15	SEE LA PLANS		
STUDENT DROP-OFF AND PICK-UP ONLY	N/A	12	18		1	WHITE	GREEN	GREEN

1 TRAFFIC SIGN SCHEDULE
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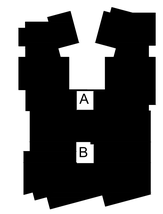
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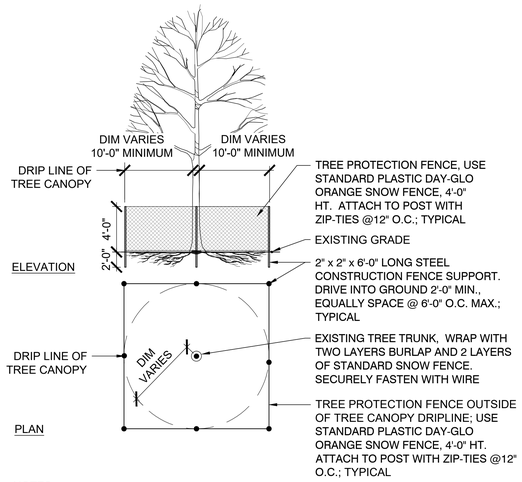


ORIENTATION AND SCALE:

SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C5.04





NOTES:
1. PROTECTIVE BARRICADE TO BE PLACED A MINIMUM OF 10'-0" FROM BASE OF TREE PLUS AN ADDITIONAL 1'-0" FOR EACH ADDITIONAL DBH FOR TREES GREATER THAN 10" DBH. ALL WORK PERFORMED WITHIN PROTECTIVE BARRICADES SHALL BE COMPLETED BY HAND AND WITH LIGHT EQUIPMENT.
2. FOR TREES THAT OCCUR IN GROUPS, PROVIDE TREE PROTECTION FENCE AROUND THE ENTIRE AREA. SEE PLAN FOR LOCATIONS.
3. DO NOT STORE ANY MACHINERY OR MATERIALS WITHIN AREA OF THE TREE PROTECTION FENCE.
4. CONTACT APPROVED ARBORIST TO PERFORM RECOMMENDED FERTILIZATION, ROOT PRUNING, AND LIMB PRUNING TREATMENTS ON SPECIMEN TREES BEFORE BEGINNING SITE PREPARATION WORK.
5. HAND EXCAVATE ONLY WITHIN THE AREA OF TREE PROTECTION FENCE.
6. REMOVAL OF FENCE ONLY UPON APPROVAL OF THE CLIENT'S REPRESENTATIVE.

1 TREE PROTECTIVE BARRICADE FENCE DETAIL
SCALE: N.T.S. ELEVATION | PLAN

LEGEND

- PROPERTY LINE / LIMIT OF WORK
- TREE PROTECTION FENCE
- VEGETATION CLEARING LINE (APPROXIMATE)
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED
- 100-FOOT BUFFER ZONE

VEGETATION REMOVAL NOTES:

1. THE CONTRACTOR SHALL SECURE ALL PERMITS AND APPROVALS THAT MAY BE REQUIRED FROM ALL JURISDICTIONS REGULATING THIS PROJECT AND SITE.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO COST TO THE OWNER. THE CONTRACTOR SHALL MEET LINE AND GRADE OF EXISTING CONDITIONS AT LIMIT OF WORK.
3. BEFORE ANY VEGETATION REMOVAL BEGINS, THE CONTRACTOR SHALL ARRANGE A CONFERENCE ON SITE WITH THE SITE TEAM TO IDENTIFY WHICH VEGETATION IS TO BE REMOVED, AS WELL AS THAT WHICH IS TO BE PROTECTED. DO NOT BEGIN REMOVAL WITHOUT A CLEAR UNDERSTANDING OF EXISTING VEGETATION TO BE PRESERVED.
4. NO MACHINE DIGGING AND DEMOLITION BELOW DRIP-LINE OF EXISTING TREES TO REMAIN.
5. ALL TREE STUMPS SHALL BE REMOVED COMPLETE INCLUDING THE USE OF A STUMP GRINDER TO A 2'-0" MINIMUM DEPTH BELOW PROPOSED FINISHED GRADE.
6. STORAGE AREAS FOR THE CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE LOCATED WITHIN THE LIMIT OF WORK AND/OR STAGING AREA AND SHALL BE APPROVED BY THE SITE TEAM. NO EQUIPMENT OR VEHICLES SHALL BE LOCATED BELOW THE DRIP-LINE OF EXISTING VEGETATION TO BE PRESERVED.

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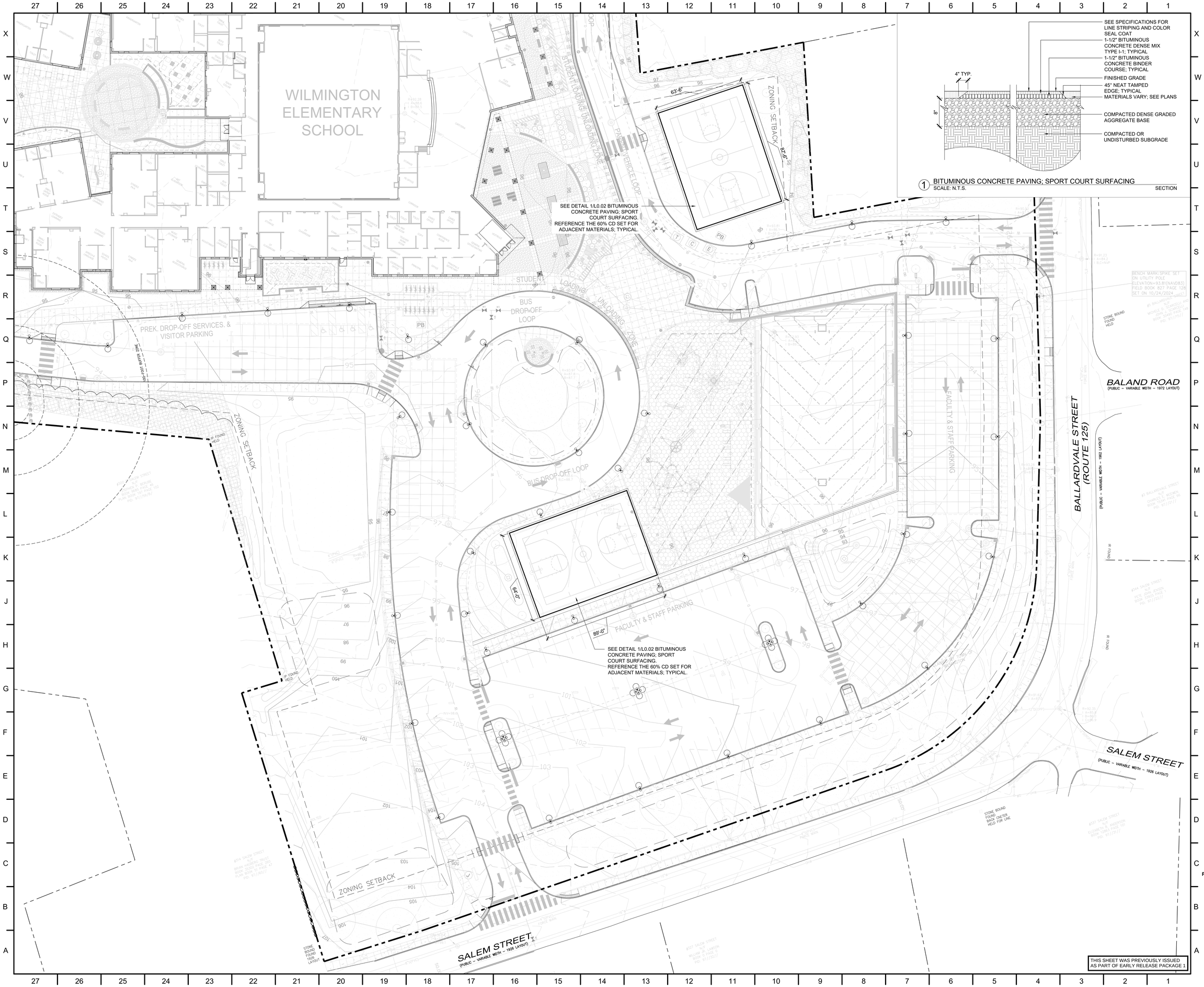
KEY PLAN

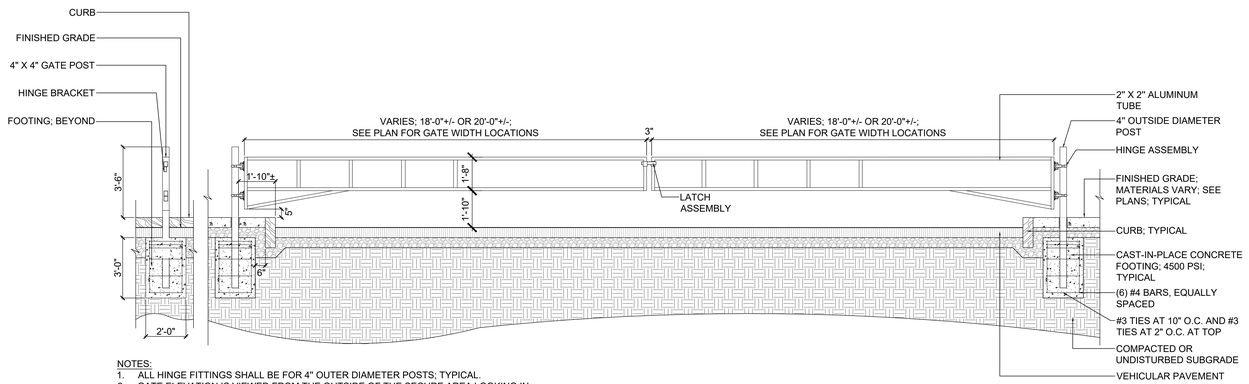
ORIENTATION AND SCALE:

N TRUE NORTH
PROJECT NORTH
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SCALE: 1" = 40'-0"

SHEET TITLE:
ERP 1: TREE PROTECTION AND REMOVAL PLAN

SHEET NUMBER:
L0.01

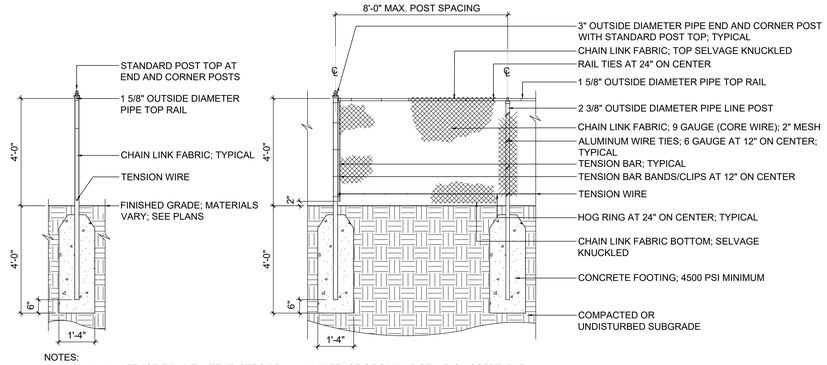

WILMINGTON ELEMENTARY SCHOOL
STUDENT LOADING/ UNLOADING ZONE
PARENT VEHICLE LOOP
ZONING SETBACK
63'-6"
87'-6"
SEE DETAIL 1/L0.02 BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING. REFERENCE THE 60% CD SET FOR ADJACENT MATERIALS; TYPICAL.
PREK. DROP-OFF SERVICES. & VISITOR PARKING
NO FOOD BUS ZONE
BUS DROP-OFF LOOP
BUS DROP-OFF LOOP
FACULTY & STAFF PARKING
64'-0"
89'-0"
SEE DETAIL 1/L0.02 BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING. REFERENCE THE 60% CD SET FOR ADJACENT MATERIALS; TYPICAL.
ZONING SETBACK
BALAND ROAD
(PUBLIC – VARIABLE WIDTH – 1972 LAYOUT)
BALLARDVALE STREET (ROUTE 125)
(PUBLIC – VARIABLE WIDTH – 1962 LAYOUT)
SALEM STREET
(PUBLIC – VARIABLE WIDTH – 1926 LAYOUT)
SALEM STREET
(PUBLIC – VARIABLE WIDTH – 1926 LAYOUT)
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#155 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#157 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#159 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#161 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#163 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#165 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#167 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#169 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#171 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#173 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#175 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#177 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#179 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#181 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#183 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#185 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#187 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#189 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#191 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#193 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#195 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#197 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#199 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#201 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#203 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#205 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#207 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#209 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#211 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#213 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#215 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#217 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#219 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#221 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#223 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#225 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#227 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#229 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#231 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#233 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#235 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#237 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#239 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#241 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#243 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#245 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#247 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#249 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#251 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#253 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#255 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#257 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#259 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#261 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#263 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#265 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#267 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#269 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#271 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#273 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#275 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#277 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#279 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#281 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#283 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#285 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#287 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#289 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#291 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#293 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#295 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#297 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#299 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#301 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#303 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#305 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#307 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#309 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#311 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#313 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#315 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#317 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#319 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#321 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#323 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#325 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#327 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#329 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#331 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#333 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#335 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#337 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#339 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#341 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#343 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#345 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#347 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#349 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#351 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#353 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#355 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#357 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#359 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#361 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#363 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#365 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#367 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#369 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#371 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#373 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#375 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#377 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#379 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#381 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#383 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#385 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#387 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#389 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#391 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#393 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#395 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#397 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#399 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#401 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#403 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#405 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#407 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#409 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#411 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#413 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#415 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#417 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#419 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#421 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#423 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#425 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#427 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#429 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#431 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#433 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#435 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#437 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#439 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#441 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#443 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#445 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#447 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#449 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#451 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#453 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#455 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#457 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#459 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#461 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#463 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#465 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#467 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#469 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#471 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#473 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#475 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#477 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#479 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#481 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#483 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#485 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#487 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#489 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#491 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#493 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#495 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#497 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#499 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#501 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#503 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#505 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#507 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#509 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#511 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#513 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#515 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#517 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#519 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#521 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#523 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#525 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#527 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#529 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#531 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#533 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#535 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#537 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#539 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#541 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#543 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#545 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#547 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#549 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#551 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#553 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#555 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#557 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#559 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#561 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#563 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#565 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#567 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#569 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#571 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#573 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#575 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#577 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#579 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#581 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#583 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#585 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#587 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#589 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#591 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#593 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#595 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#597 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#599 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#601 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#603 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#605 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#607 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#609 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#611 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#613 BALLARDVALE STREET N/F MORIN & MORIN BOOK 31749 PAGE 1 PCL 97/367
#615 BALLARDVALE STREET N/F MORIN



NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES.

2 VEHICULAR BARRIER SWING GATE; 40'-0" WIDE
SCALE: N.T.S.

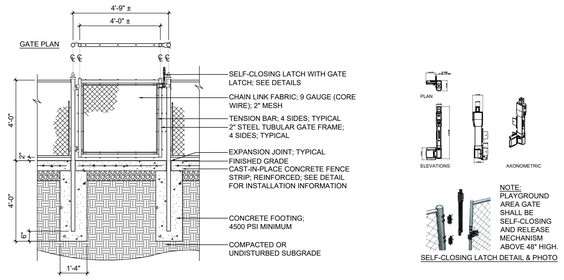
SECTION



NOTES:
1. CHAIN LINK FENCE EXHIBIT INTENT; STOCK CHAIN LINK FENCE OF SIMILAR STYLE IS ACCEPTABLE.
2. FABRICATOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PRODUCING SHOP DRAWINGS.
3. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
4. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
5. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
6. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.

1 CHAIN LINK FENCE; 4'-0" HIGH
SCALE: N.T.S.

SECTION



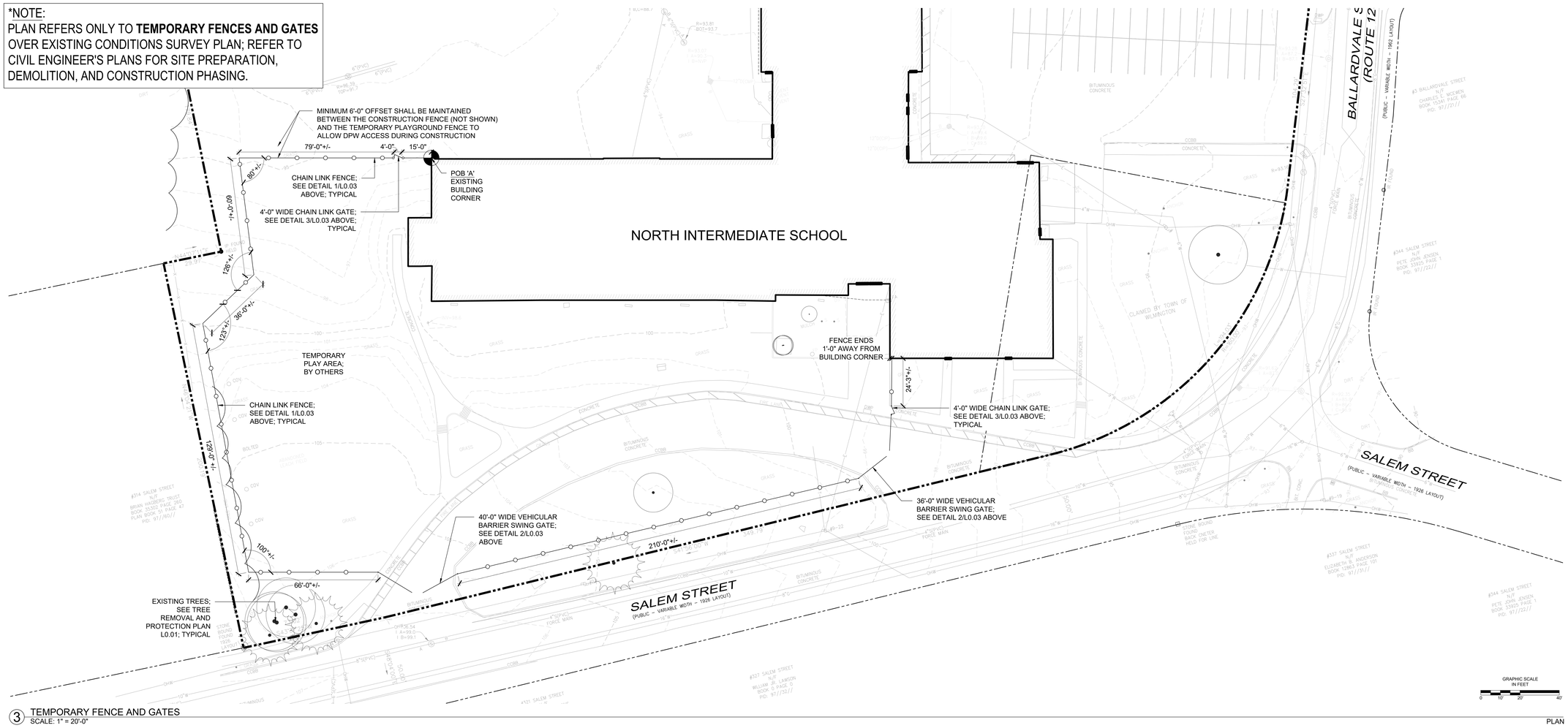
3 CHAIN LINK GATE; 4'-0" HIGH; 4'-0" WIDE SINGLE SWING; STANDARD LATCH
SCALE: N.T.S.

SECTION

LAYOUT & MATERIALS NOTES:
1. ALL LINE AND GRADE WORK PER THE DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR ENGAGED BY THE CONTRACTOR.
2. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
3. ALL DIMENSIONS ARE FROM FACE OF BUILDING FOUNDATION, WALL OR CURB UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR FOUNDATION WALLS.
4. THE DIMENSIONS SHOWN ON THE DRAWINGS INDICATE DESIGN INTENT AND MUST BE FIELD VERIFIED PRIOR TO THE PREPARATION OF SHOP DRAWINGS. SHOP DRAWINGS FOR ALL PAVING LAYOUT SHALL BE BASED UPON ACTUAL LAYOUT AND FIELD MEASUREMENTS BY THE CONTRACTOR.
5. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON AND DEFINITIONS OF MATERIALS AND SITE IMPROVEMENTS SHOWN OR NOTED ON THIS PLAN.

LEGEND
- PROPERTY LINE
- CHAIN LINK FENCE
- VEHICULAR BARRIER SWING GATE

*NOTE:
PLAN REFERS ONLY TO **TEMPORARY FENCES AND GATES** OVER EXISTING CONDITIONS SURVEY PLAN; REFER TO CIVIL ENGINEER'S PLANS FOR SITE PREPARATION, DEMOLITION, AND CONSTRUCTION PHASING.



3 TEMPORARY FENCE AND GATES
SCALE: 1" = 20'-0"

PLAN

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH SCALE: AS INDICATED

SHEET TITLE:
TEMPORARY FENCE AND GATES

SHEET NUMBER:
L0.03

KEY	DETAIL	DESCRIPTION
E12	DETAIL 1/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E13	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING**
E14	DETAIL 3/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E15	DETAIL 4/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E16	DETAIL 5/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E17	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL**
E18	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING**
E19	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; CONCRETE FOOTING**
H1	DETAIL 1/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS**
H3	DETAIL 3/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE**

KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD**
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM**
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING**
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL**
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC**
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)*
E6	DETAIL 6/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E7	DETAIL 7/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E8	DETAIL 8/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E9	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING**
E10	DETAIL 10/L4.05	PAVERS OVER CONCRETE SLAB; SLAB BY OTHERS**
E11	DETAIL 11/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FROST SLAB; SLAB BY OTHERS**

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET**
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT**
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING**
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD**
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD**
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING**
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT**
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT** *SIM. BACKLESS**
D13	DETAIL 11/L4.04	INTENTIONALLY OMITTED FROM ERP 2
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT**
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT**

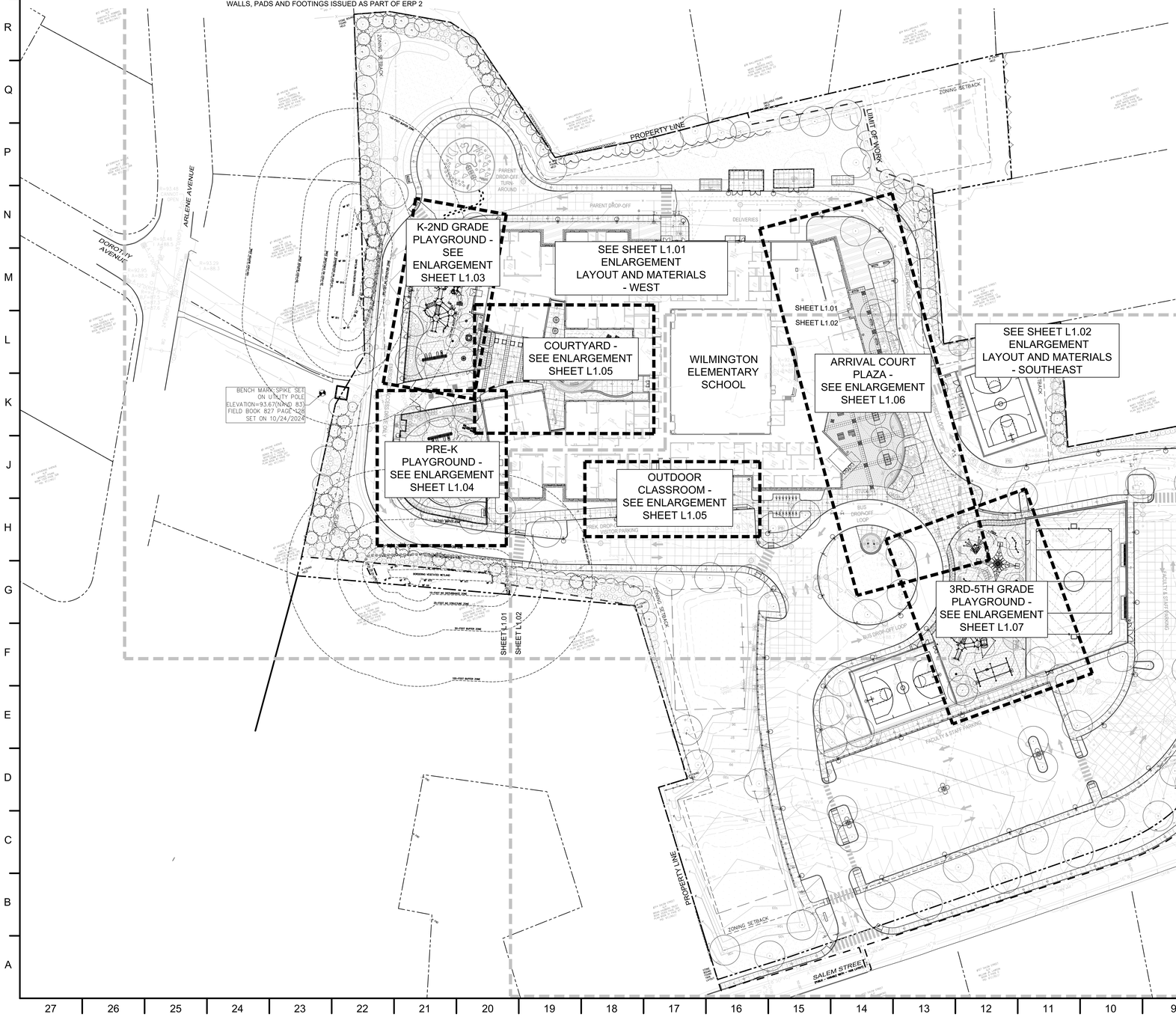
KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH**
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING**
E15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL**
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING**
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP**
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT**
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET**

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED**
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH**
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH**
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH**
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE**
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH**
C8	DETAIL 12/L4.02	INTENTIONALLY OMITTED FROM ERP 2
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP**
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH**
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING**
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR**
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR**
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS**
A4	DETAIL 4/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE**
A6	DETAIL 6/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE**
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE**
A9	DETAIL 9/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE**
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD**
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER**
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING**
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT**
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE**
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE**

* SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 1

** SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 2



LAYOUT & MATERIALS NOTES:

1. ALL LINE AND GRADE WORK PER THE DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR ENGAGED BY THE CONTRACTOR.
2. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
3. ALL DIMENSIONS ARE FROM FACE OF BUILDING FOUNDATION, WALL OR CURB UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR FOUNDATION WALLS.
4. THE DIMENSIONS SHOWN ON THE DRAWINGS INDICATE DESIGN INTENT AND MUST BE FIELD VERIFIED PRIOR TO THE PREPARATION OF SHOP DRAWINGS.
5. SHOP DRAWINGS FOR ALL PAVING LAYOUT SHALL BE BASED UPON ACTUAL LAYOUT AND FIELD MEASUREMENTS BY THE CONTRACTOR.
6. IN AREAS OUTSIDE OF THE LIMIT OF WORK, WHERE WORK INCIDENTAL TO THE PROJECT IS REQUIRED TO SATISFY THE DESIGN INTENT, RESTORE EXISTING SITE CONDITIONS AND FEATURES TO MATCH ADJACENT EXISTING SITE CONDITIONS AND FINISHES.

LEGEND

- PROPERTY LINE
- ZONING SETBACK
- CAST-IN-PLACE CONCRETE PAVEMENT; PEDESTRIAN
- POURED-IN-PLACE RUBBER PLAY SURFACING
- SYNTHETIC LAWN
- SYNTHETIC LAWN WITH CONCRETE PAD UNDERNEATH
- GENERAL LAWN; SEED
- GRANITE SLAB MONOLITHIC BENCH
- SEATWALL (STONE WITH CAP)
- CAST-IN-PLACE CONCRETE LOW RETAINING WALL
- WALL DRAIN
- BICYCLE RACK
- BENCH; BACKLESS WITH ARMS
- BENCH; BACKED WITH ARMS
- CURVED BENCH; BACKED WITH ARMS
- CURVED BENCH; BACKLESS
- FREE-FORM BENCH
- SCULPTURAL BENCH
- CIRCULAR BENCH
- MOVABLE SQUARE SEATS
- TABLE WITH INTEGRAL SEATS
- TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT
- RAISED GARDEN BED
- LITTER/RECYCLE RECEPTACLE
- FLAGPOLE
- TREE GRATE
- PLAYERS BENCH
- BASKETBALL HOOP
- SOCCER GOAL
- PREFABRICATED SHED
- LEAF SHAPE SHADE STRUCTURE
- PROPOSED DECIDUOUS TREE | SHRUB
- PROPOSED EVERGREEN TREE | SHRUB
- STEEL FENCE; CRASH TEST-RATED; 4'-0" HIGH
- WOOD PRIVACY BOARD FENCE; 6'-0" HIGH
- SPORT COURT/FIELD FENCE; CHAIN LINK; 10'-0" HIGH
- SPORT COURT/FIELD FENCE; CHAIN LINK; 8'-0" HIGH
- PLAY EQUIPMENT WITH SAFETY ZONE OUTLINE
- UNDERDRAINS

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

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WILMINGTON ELEMENTARY SCHOOL

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N PROJECT NORTH

0 20' 40' 60' GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 40'-0"

SHEET TITLE:

ERP 2: LAYOUT AND MATERIALS - KEY PLAN, NOTES, AND LEGENDS

SHEET NUMBER:

L0.04

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND

UN-PROGRAMMED OPEN SPACE; NATURAL LAWN

ZONING SETBACK

PROTECT EXISTING STONEWALL AT PROPERTY LINE TO REMAIN; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL UTILITY INFORMATION; TYPICAL

PROPERTY LINE

LIMIT OF WORK

EXISTING VEGETATION AT THIS LOCATION TO BE PROTECTED TO REMAIN

ARLENE AVENUE

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

PROPOSED SCREEN PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.02

PARENT DROP-OFF TURN-AROUND

PARENT DROP-OFF

DELIVERIES

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 - IR-101; TYPICAL

K-2ND GRADE PLAYGROUND SEE ENLARGEMENT SHEET L1.03

COURTYARD - SEE ENLARGEMENT SHEET L1.05

WILMINGTON ELEMENTARY SCHOOL

PRE-K PLAYGROUND - SEE ENLARGEMENT SHEET L1.04

OUTDOOR CLASSROM - SEE ENLARGEMENT SHEET L1.05

ARRIVAL COURT PLAZA - SEE ENLARGEMENT SHEET L1.06

3RD-5TH GRADE PLAYGROUND - SEE ENLARGEMENT SHEET L1.07

SEE SHEET L1.01

SEE SHEET L1.02

15'-0" WETLAND NO DISTURB ZONE BOULDER DEMARCATION AND SIGNAGE; PER TOWN OF WILMINGTON CONSERVATION COMMISSION; SEE DETAILS 15 ON SHEET L0.18

EMERGENCY CALL TOWER BOX; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

PROTECT EXISTING PEDESTRIAN PATH TO REMAIN

BENCH MARK: SPIKE SET ON UTILITY POLE ELEVATION=93.67(NAVD 83) FIELD BOOK 827-PAGE 128 SET ON 10/24/2024

PROTECT EXISTING PUMP HOUSE TO REMAIN

EMERGENCY ACCESS DRIVE ONLY

PROPOSED SCREEN PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.02

15'-0" WETLAND NO DISTURB ZONE BOULDER DEMARCATION AND SIGNAGE;PER TOWN OF WILMINGTON CONSERVATION COMMISSION; SEE DETAILS 15 ON SHEET L0.18

BORDERING VEGETATED WETLAND

50-FOOT BUFFER ZONE

25-FOOT NO STRUCTURE ZONE

15-FOOT NO DISTURBANCE ZONE

STUDENT LOADING / UNLOADING ZONE

PARENT VEHICLE LOOP

BUS DROP-OFF LOOP

PREK. DROP-OFF SERVICES. & VISITOR PARKING

ZONING SETBACK

SHEET L1.01

SHEET L1.02

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:
ERP 2: LAYOUT AND MATERIALS - WEST

SHEET NUMBER:
L0.05

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND

COURTYARD - SEE ENLARGEMENT SHEET L1.05

WILMINGTON ELEMENTARY SCHOOL

SHEET L1.01

SHEET L1.02

SEE SHEET L1.01

SHEET L1.01

SHEET L1.02

ARRIVAL COURT PLAZA - SEE ENLARGEMENT SHEET L1.06

OUTDOOR CLASSROOM - SEE ENLARGEMENT SHEET L1.05

3RD - 5TH GRADE PLAYGROUND - SEE ENLARGEMENT SHEET L1.07

STUDENT LOADING/ UNLOADING ZONE

PARENT VEHICLE LOOP

BUS DROP-OFF LOOP

PREK. DROP-OFF SERVICES. & VISITOR PARKING

FACULTY & STAFF PARKING

ZONING SETBACK

PROPERTY LINE

BALLARDVALE STREET (ROUTE 125)
(PUBLIC – VARIABLE WIDTH – 1962 LAYOUT)

BALAND ROAD
(PUBLIC – VARIABLE WIDTH – 1972 LAYOUT)

SALEM STREET
(PUBLIC – VARIABLE WIDTH – 1926 LAYOUT)

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 AND IR-102; TYPICAL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

C20 CONTINUES

C2 C12 TYPICAL

C20 BEGINS

END C20

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.02; TYPICAL

A1 A2 A3 TYPICAL

A4 TYPICAL

A5 A6

A8 TYPICAL

B2 B3

B4 C12 END

B4 C9 START

B4 C9 END

C2 C9 START

C2 C12 TYPICAL

C2 C12 CONTINUES

C2 C9 END

C2 C12 END

C11

C13

C14

C15

C18

C20 ENDS

D6 TYPICAL

D7 SEE ELECTRICAL PLANS AND DETAILS FOR UPLIGHTS

D15

D16

D5 TYPICAL

E5 E6

E9 TYPICAL

E12

E13

E14 E15

E16 INFORMAL SOCCER FIELD; NATURAL LAWN

E17 START

E17 END

ENTRY SIGN; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

PROTECT EXISTING UTILITY POLE TO REMAIN

BENCH MARK:SPIKE SET ON UTILITY POLE ELEVATION=93.81(NAVD83) FIELD BOOK 827 PAGE 128 SET ON 10/24/2024

DRAINAGE STRUCTURE UNDER PARKING LOT; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

SEE FIELD UNDERDRAINS AND IRRIGATION PLANS AND DETAILS ON SHEETS IR-100 - IR-400; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS;TYPICAL

EV CHARGING PROVISIONS SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

RETAINING WALL; SEE CIVIL ENGINEER'S PLANS AND DETAILS

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 - IR-103; TYPICAL

LAWN SEED; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

STONE BOUND FOUND HELD

STONE BOUND FOUND BACK CNETER HELD FOR LINE

#1 BALLARDVALE STREET N/F JACQUELINE N.T. BARRERA BOOK 16961 PAGE 283 PID: 97/14/1

#3 BALLARDVALE STREET N/F CHARLES N. MCMEN BOOK 16961 PAGE 46 PID: 97/21/1

#344 SALEM STREET N/F PETE JONES STREET BOOK 33955 PAGE 1 PID: 97/22/1

#314 SALEM STREET N/F BRIAN HASSBERG, TRUST BOOK 38559 PAGE 261 PLAN BOOK 977 PID: 97/65/1

#327 SALEM STREET N/F ELIZABETH A. ANDERSON BOOK 13965 PAGE 101 PID: 97/9/1

#327 SALEM STREET N/F WILLIAM C. LAWSON BOOK 5 PAGE 0 PID: 97/32/1

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 10' 20' 40' GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:

ERP 2: LAYOUT AND MATERIALS - SOUTHEAST

SHEET NUMBER:

L0.06

KEY	DETAIL	DESCRIPTION
E12	DETAIL 1/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E13	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING**
E14	DETAIL 3/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E15	DETAIL 4/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E16	DETAIL 5/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E17	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL**
E18	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING**
E19	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; CONCRETE FOOTING**
H1	DETAIL 1/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS**
H3	DETAIL 3/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE**

* SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 1

** SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 2

KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD**
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM**
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING**
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL**
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC**
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)*
E6	DETAIL 6/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E7	DETAIL 7/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E8	DETAIL 8/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E9	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING**
E10	DETAIL 10/L4.05	PAVERS OVER CONCRETE SLAB; SLAB BY OTHERS**
E11	DETAIL 11/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FROST SLAB; SLAB BY OTHERS**

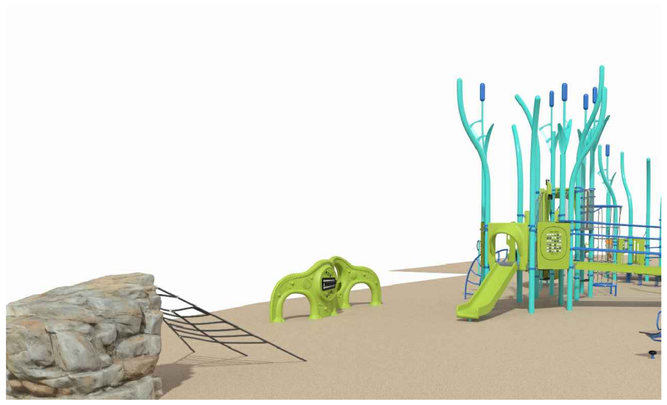
KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET**
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT**
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING**
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD**
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD**
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING**
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT**
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT** *SIM. BACKLESS**
D13	DETAIL 11/L4.04	INTENTIONALLY OMITTED FROM ERP 2
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT**
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT**

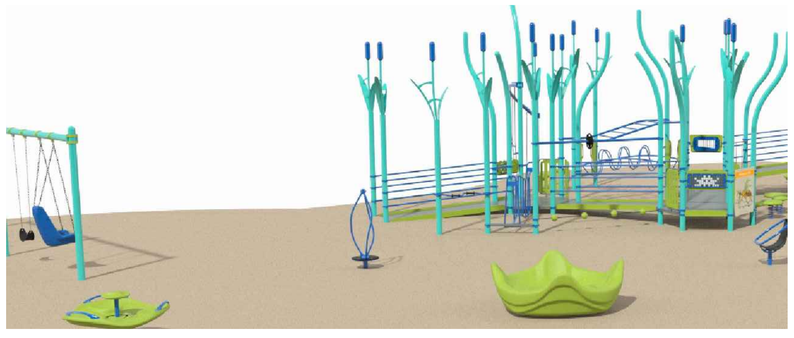
KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH**
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING**
E15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL**
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING**
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP**
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT**
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET**

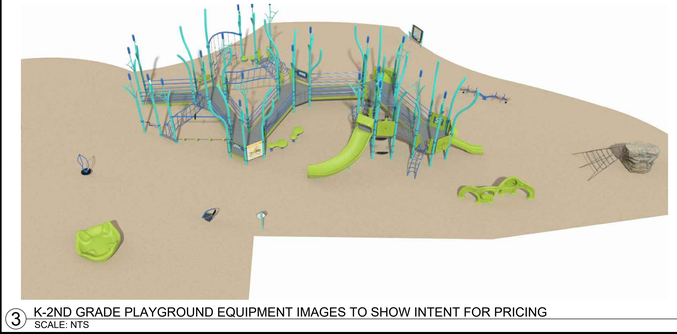
KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED**
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH**
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH**
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH**
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE**
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH**
C8	DETAIL 12/L4.02	INTENTIONALLY OMITTED FROM ERP 2
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP**
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH**
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING**
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR**
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR**
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS**
A4	DETAIL 4/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE**
A6	DETAIL 6/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE**
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE**
A9	DETAIL 9/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE**
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD**
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER**
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING**
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT**
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE**
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE**

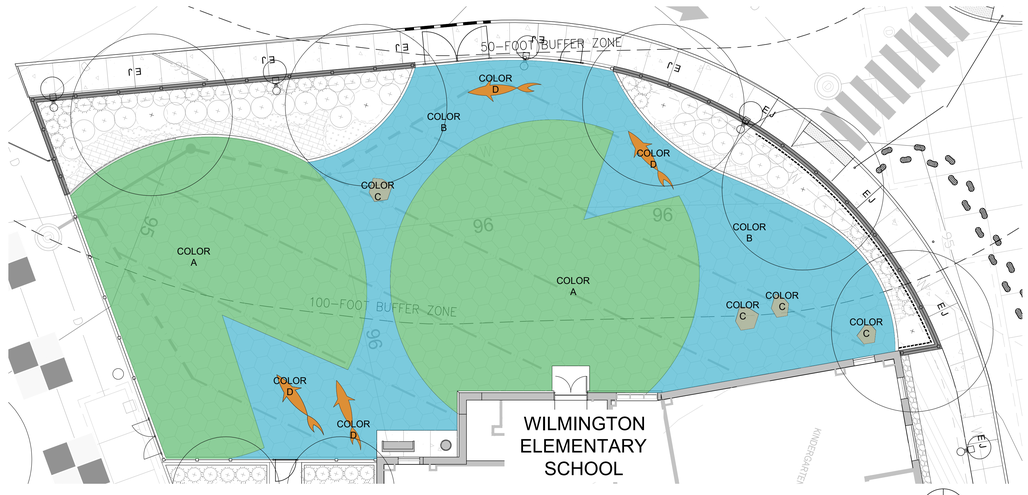
SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND



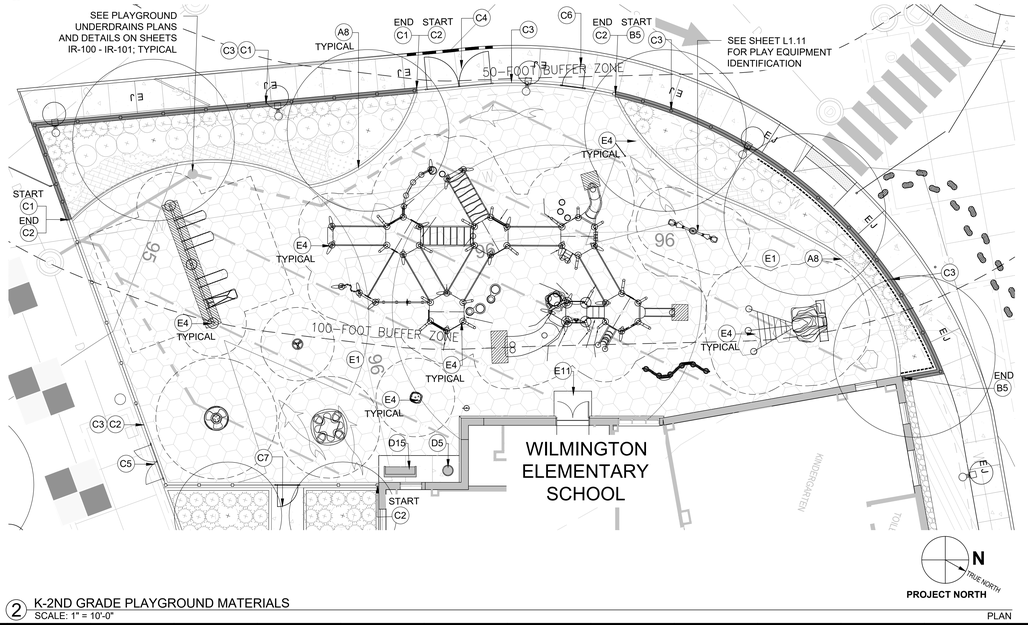




3 K-2ND GRADE PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING
SCALE: NTS
IMAGES



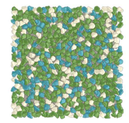
1 K-2ND GRADE PLAYGROUND PLAY SURFACING COLOR
SCALE: 1" = 10'-0"
PLAN



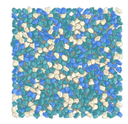
2 K-2ND GRADE PLAYGROUND MATERIALS
SCALE: 1" = 10'-0"
PLAN

PLAY SURFACING (PIP) COLOR LEGEND

% = PERCENT OF COLOR



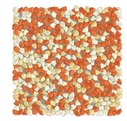
COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN



COLOR B
25% PEARL
25% SKY BLUE
50% TEAL



COLOR C
25% PEARL
25% BEIGE
50% BROWN



COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW
0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ERP 2: ENLARGEMENT - K-2ND GRADE PLAYGROUND

SHEET NUMBER:
L0.07

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

KEY	DETAIL	DESCRIPTION
E12	DETAIL 1/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E13	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING**
E14	DETAIL 3/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E15	DETAIL 4/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E16	DETAIL 5/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E17	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL**
E18	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING**
E19	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; CONCRETE FOOTING**
H1	DETAIL 1/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS**
H3	DETAIL 3/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE**

KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD**
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM**
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING**
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL**
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC**
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)*
E6	DETAIL 6/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E7	DETAIL 7/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E8	DETAIL 8/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E9	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING**
E10	DETAIL 10/L4.05	PAVERS OVER CONCRETE SLAB; SLAB BY OTHERS**
E11	DETAIL 11/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FROST SLAB; SLAB BY OTHERS**

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET**
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT**
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING**
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD**
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD**
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING**
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT**
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT** *SIM. BACKLESS**
D13	DETAIL 11/L4.04	INTENTIONALLY OMITTED FROM ERP 2
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT**
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT**

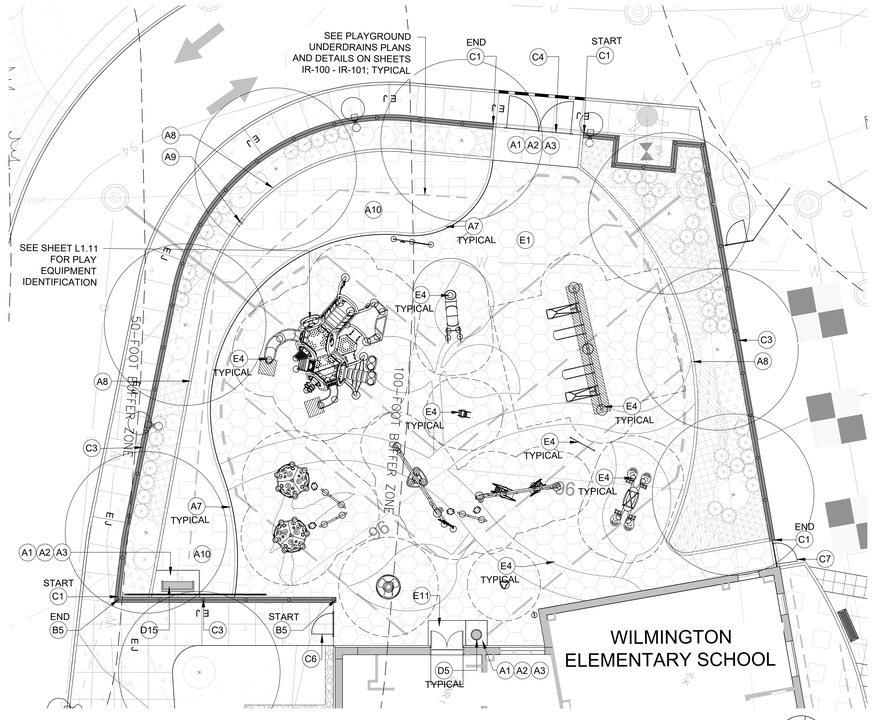
KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH**
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING**
E15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL**
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING**
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP**
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT**
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET**

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED**
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH**
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH**
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH**
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE**
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH**
C8	DETAIL 12/L4.02	INTENTIONALLY OMITTED FROM ERP 2
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP**
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH**
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING**
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**

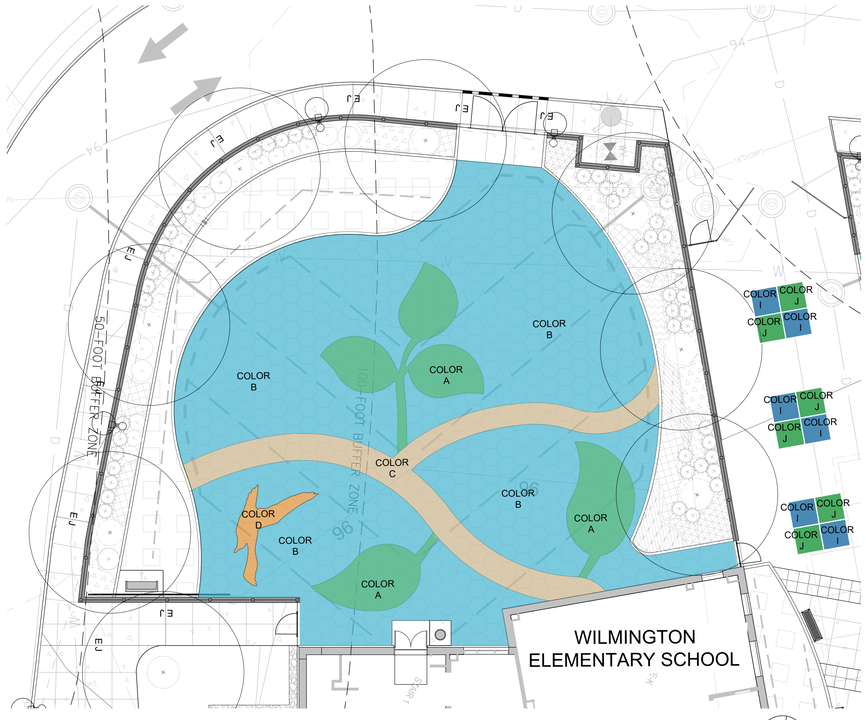
KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR**
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR**
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS**
A4	DETAIL 4/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE**
A6	DETAIL 6/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE**
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE**
A9	DETAIL 9/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE**
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD**
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER**
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING**
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT**
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE**
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE**

* SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 1

** SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 2

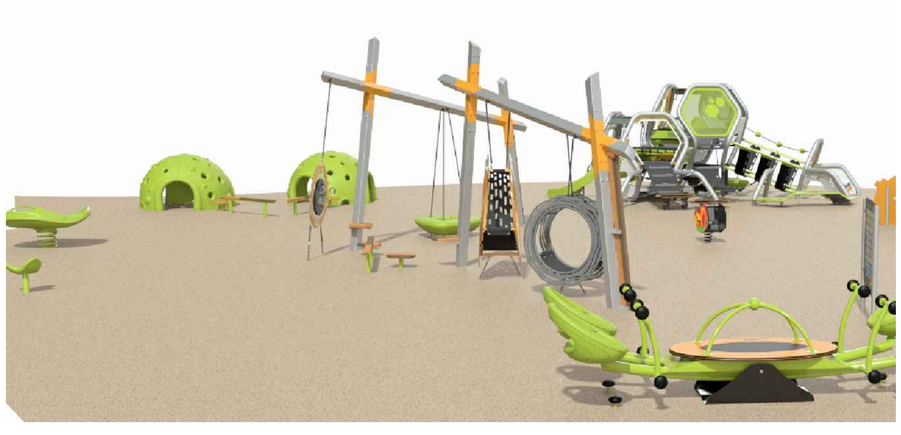


2 PRE-K PLAYGROUND MATERIALS
SCALE: 1" = 10'-0"
PLAN



1 PRE-K PLAYGROUND PLAY SURFACING COLOR
SCALE: 1" = 10'-0"
PLAN





3 PRE-K PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING
SCALE: NTS
IMAGES

SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND

HARDSCAPE PAINTED GAMES COLOR LEGEND

COLOR I: LIGHT BLUE

COLOR J: BIKE LANE GREEN

PLAY SURFACING (PIP) COLOR LEGEND

% = PERCENT OF COLOR

COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN

COLOR B
25% PEARL
25% SKY BLUE
50% TEAL

COLOR C
25% PEARL
25% BEIGE
50% BROWN

COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

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WILMINGTON ELEMENTARY SCHOOL
320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
90% CONSTRUCTION DOCUMENTS
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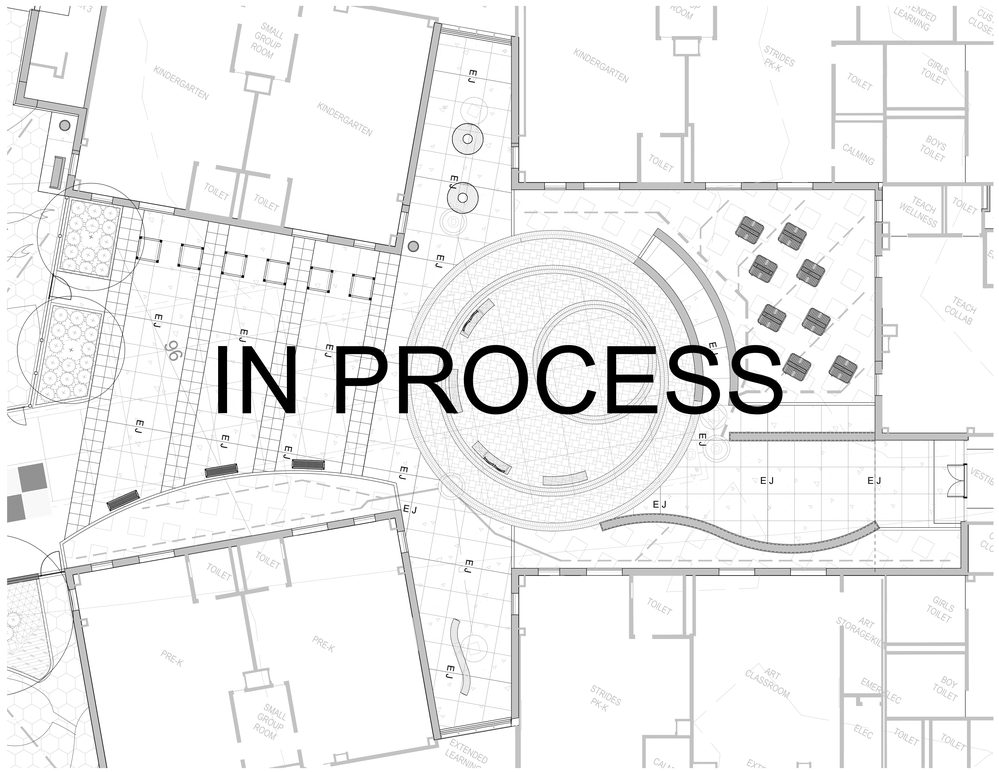
KEY PLAN

ORIENTATION AND SCALE:
SEE PLANS FOR NORTH ARROW
0 5' 10' 20'
GRAPHIC SCALE
SCALE: 1" = 10'-0"

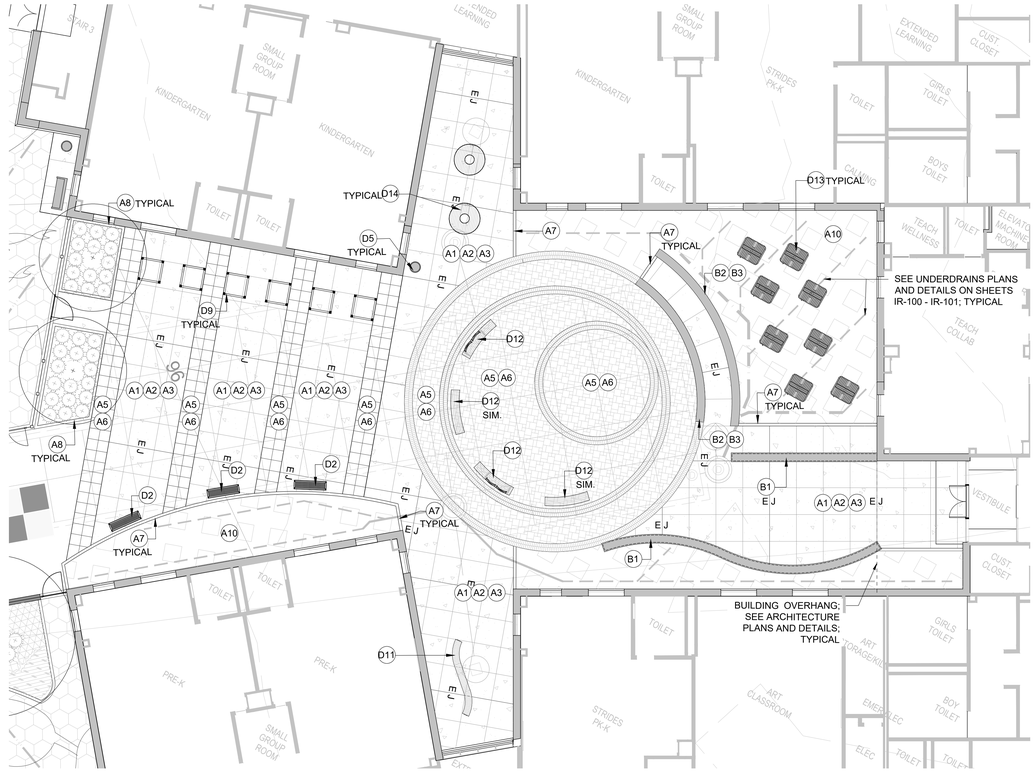
SHEET TITLE:
ERP 2: ENLARGEMENT - PRE-K PLAYGROUND

SHEET NUMBER:
L0.08

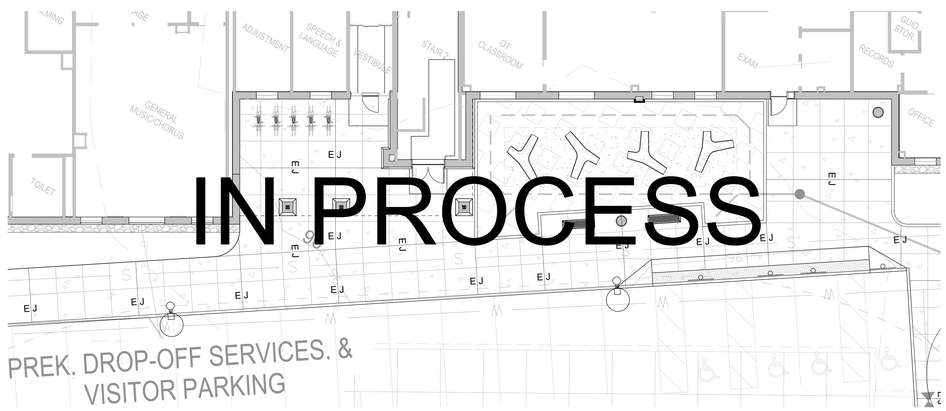
SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND



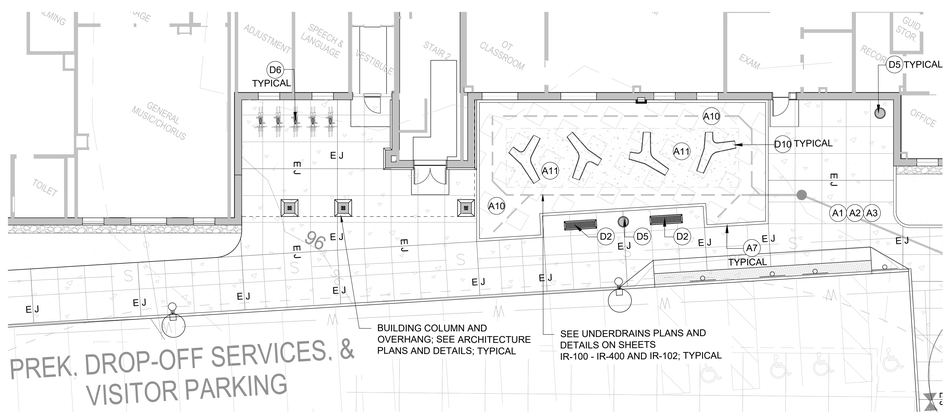
2 COURTYARD LAYOUT
SCALE: 1" = 10'-0"
PLAN



1 COURTYARD MATERIALS
SCALE: 1" = 10'-0"
PLAN



4 OUTDOOR CLASSROOM LAYOUT
SCALE: 1" = 10'-0"
PLAN



3 OUTDOOR CLASSROOM MATERIALS
SCALE: 1" = 10'-0"
PLAN

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ORIENTATION AND SCALE:

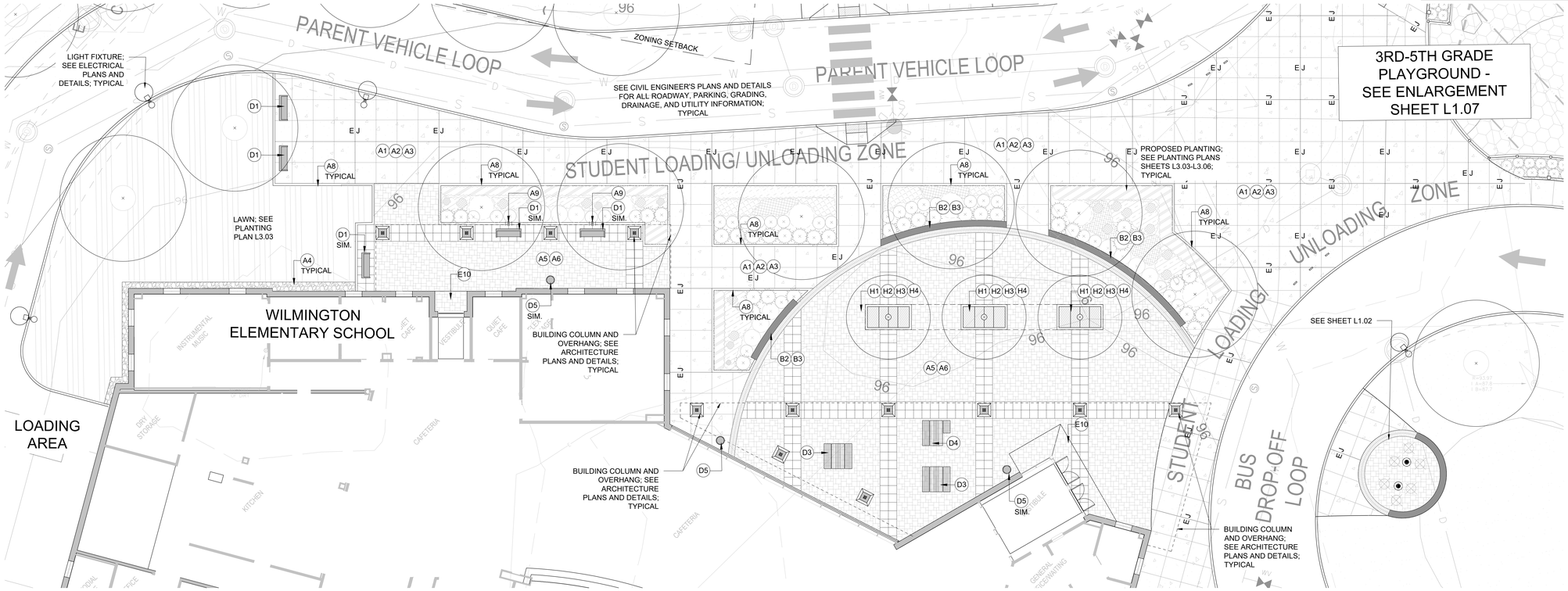
N TRUE NORTH
0 5' 10' 20'
GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 10'-0"

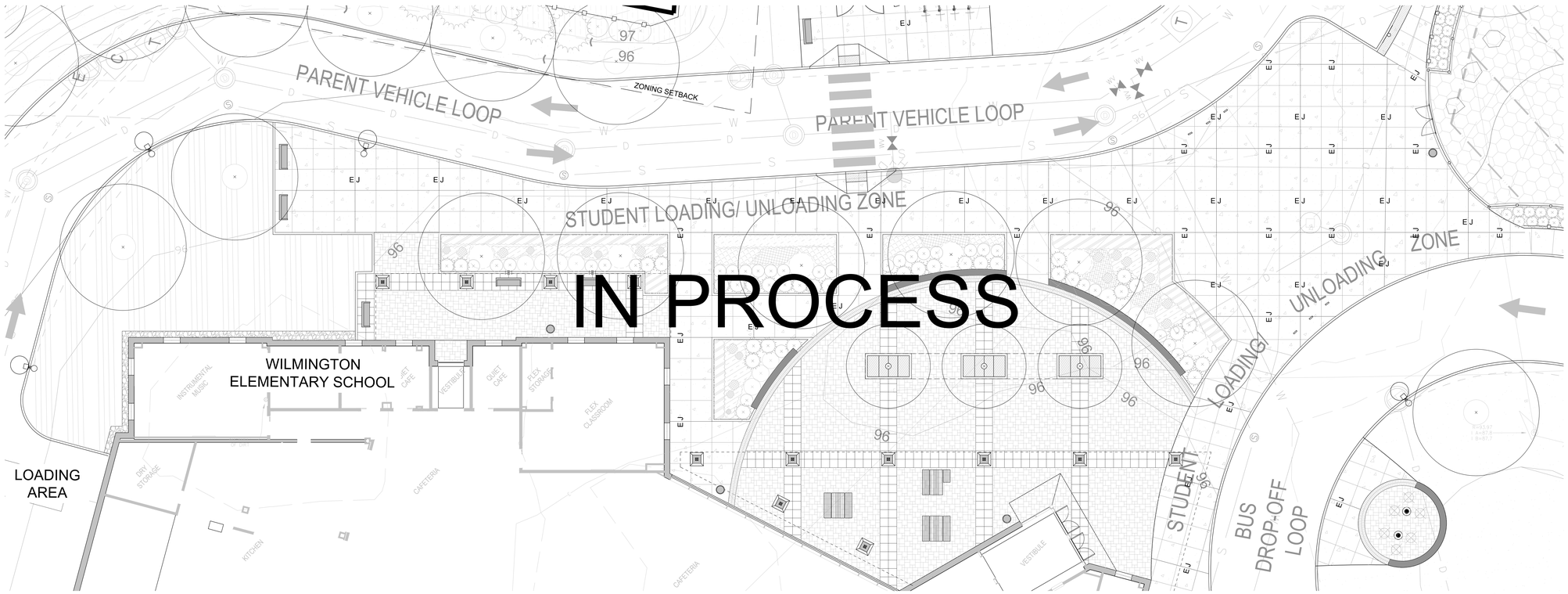
SHEET TITLE:
ERP 2: ENLARGEMENT - COURTYARD AND OUTDOOR CLASSROOM

SHEET NUMBER:
L0.09

SEE SHEET L1.00 FOR MATERIALS KEY LIST, NOTES AND LEGENDS



1 ARRIVAL COURT PLAZA MATERIALS PLAN
SCALE: 1" = 10'-0"



2 ARRIVAL COURT PLAZA LAYOUT PLAN
SCALE: 1" = 10'-0"

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ERP 2: ENLARGEMENT - ARRIVAL COURT PLAZA

SHEET NUMBER:
L0.10

KEY	DETAIL	DESCRIPTION
E12	DETAIL 1/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E13	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING**
E14	DETAIL 3/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E15	DETAIL 4/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E16	DETAIL 5/L4.06	INTENTIONALLY OMITTED FROM ERP 2
E17	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL**
E18	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING**
E19	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; CONCRETE FOOTING**
H1	DETAIL 1/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS**
H3	DETAIL 3/L4.07	INTENTIONALLY OMITTED FROM ERP 2
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE**

KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD**
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM**
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING**
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL**
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC**
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)*
E6	DETAIL 6/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E7	DETAIL 7/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E8	DETAIL 8/L4.05	INTENTIONALLY OMITTED FROM ERP 2
E9	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING**
E10	DETAIL 10/L4.05	PAVERS OVER CONCRETE SLAB; SLAB BY OTHERS**
E11	DETAIL 11/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FROST SLAB; SLAB BY OTHERS**

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET**
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT**
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING**
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD**
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD**
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING**
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT**
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT** *SIM. BACKLESS**
D13	DETAIL 11/L4.04	INTENTIONALLY OMITTED FROM ERP 2
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT**
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT**

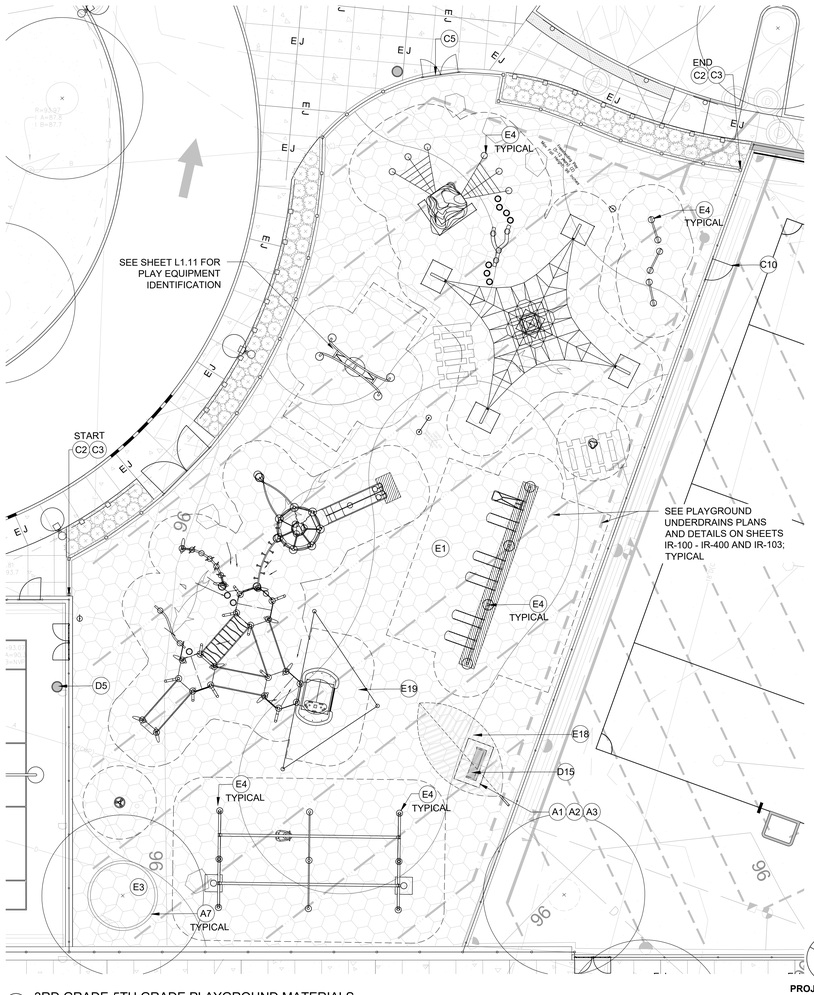
KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH**
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING**
E15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL**
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING**
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING**
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP**
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT** *SIM. WITH PAVER MOUNT BRACKET**
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT**
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET**

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED**
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH**
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH**
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH**
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE**
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH**
C8	DETAIL 12/L4.02	INTENTIONALLY OMITTED FROM ERP 2
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP**
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH**
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING**
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP**

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR**
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR**
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS**
A4	DETAIL 4/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE**
A6	DETAIL 6/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE**
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE**
A9	DETAIL 9/L4.01	INTENTIONALLY OMITTED FROM ERP 2
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE**
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD**
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER**
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING**
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT**
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE**
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE**

* SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 1

** SITE CONCRETE INCLUDING PAVEMENT, CURBS, MOW STRIPS, WALLS, PADS AND FOOTINGS ISSUED AS PART OF ERP 2



2 3RD GRADE-5TH GRADE PLAYGROUND MATERIALS PLAN
SCALE: 1" = 10'-0"



1 3RD GRADE-5TH GRADE PLAYGROUND PLAY SURFACING COLOR PLAN
SCALE: 1" = 10'-0"



3 3RD GRADE-5TH GRADE PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING IMAGES
SCALE: NTS

SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND

PLAY SURFACING (PIP) COLOR LEGEND
% = PERCENT OF COLOR

COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN

COLOR B
25% PEARL
25% SKY BLUE
50% TEAL

COLOR C
25% PEARL
25% BEIGE
50% BROWN

COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

COLOR E - FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
100% MID BROWN

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ERP 2:
ENLARGEMENT - 3RD AND 5TH GRADE PLAYGROUND

SHEET NUMBER:
L0.11

INTENTIONALLY
OMITTED FOR ERP 2

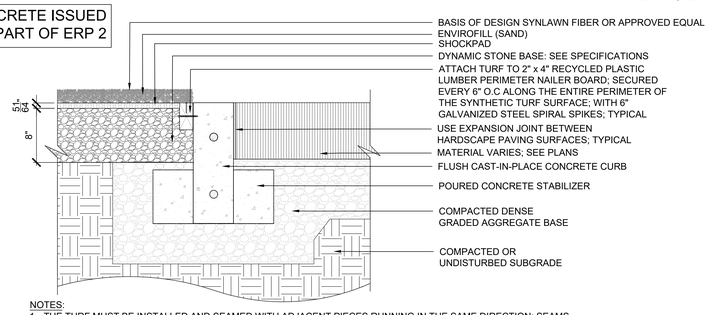
INTENTIONALLY
OMITTED

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

9 GRANITE CURB; SLUICE WAY CURB CUT
SCALE: N.T.S. — SECTION | PLAN

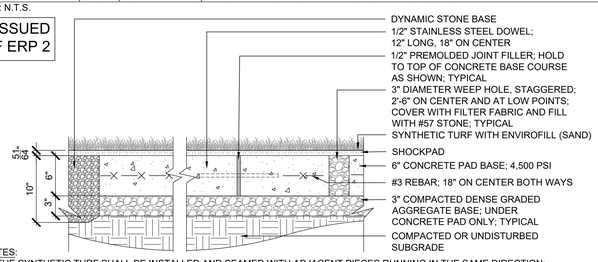
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. THE TURF MUST BE INSTALLED AND SEAMED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION; SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH, NOT ADHESIVE TAPE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS BY FACTORY AUTHORIZED INSTALLER.

10 SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE
SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

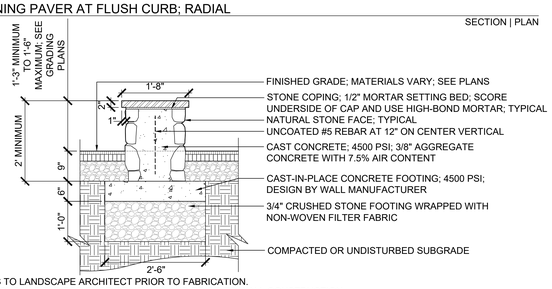


NOTES:
1. THE SYNTHETIC TURF SHALL BE INSTALLED AND SEAMED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION; SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH, NOT ADHESIVE TAPE.
2. EXPANSION JOINTS 10'-0" ± ON CENTER UNLESS OTHERWISE NOTED.

11 SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD
SCALE: N.T.S. — SECTION

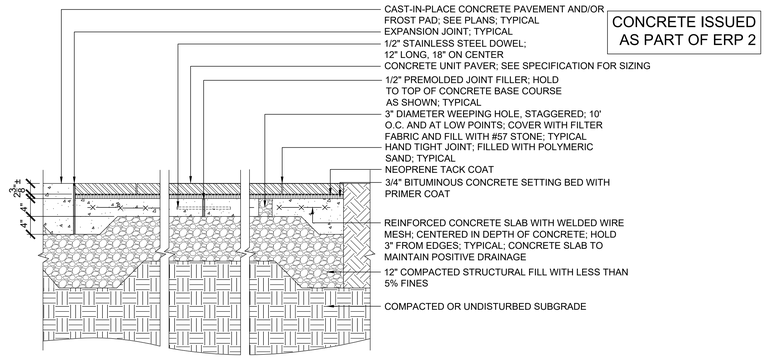
12 ADA DETECTABLE WARNING PAVER AT FLUSH CURB; RADIAL
SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. VERIFY ALL WALL DIMENSIONS IN FIELD FOR SHOP DRAWINGS AND PRIOR TO WALL CONSTRUCTION.
3. FOOTING DESIGN BY WALL MANUFACTURER AND SHALL BE INSTALLED PER THEIR APPROVED SHOP DRAWINGS.
4. ALL FOOTINGS TO BE ON NATURALLY OCCURRING SAND AND GRAVEL OR APPROVED STRUCTURAL BACKFILL PLACED OVER NATURALLY OCCURRING SAND AND GRAVEL PER MANUFACTURER'S RECOMMENDATIONS.
5. PRESUMED MINIMUM BEARING PRESSURE OF 2,000 PSF.
6. EXCAVATE ALL DELETERIOUS MATERIALS WITH BLOW COUNTS OF LESS THAN 10 AND REPLACE WITH STRUCTURAL FILL.

13 MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER
SCALE: N.T.S. — SECTION

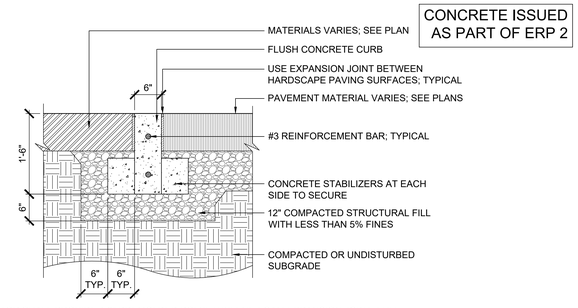


CONCRETE ISSUED AS PART OF ERP 2

5 CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE
SCALE: N.T.S. — SECTION

6 CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN
SCALE: N.T.S. — PLAN

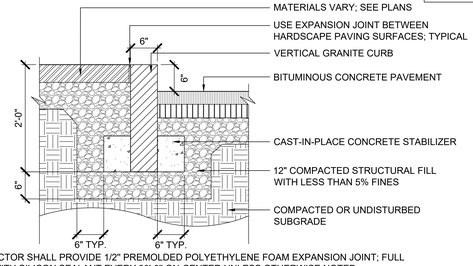
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 30'-0" ON CENTER UNLESS OTHERWISE NOTED.

7 CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE
SCALE: N.T.S. — SECTION

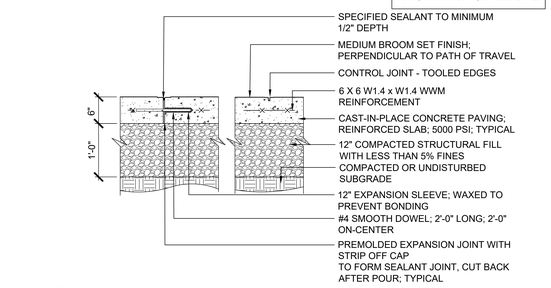
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICON SEALANT EVERY 30'-0" ON-CENTER UNLESS OTHERWISE NOTED.

8 VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE
SCALE: N.T.S. — SECTION

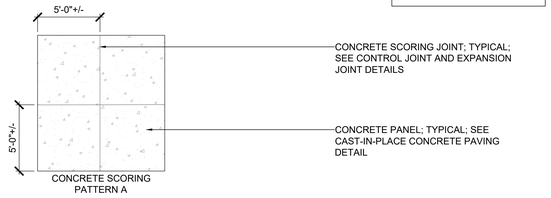
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. EXPANSION JOINTS 20'-0"± ON CENTER UNLESS OTHERWISE NOTED.
2. CONTROL JOINTS 5'-0"± ON CENTER UNLESS OTHERWISE NOTED.

1 CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR
SCALE: N.T.S. — SECTION

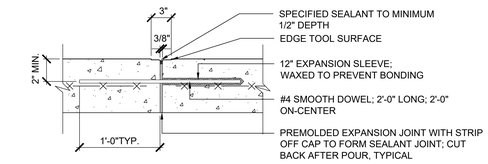
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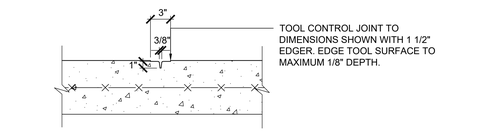
NOTES:
1. CONTROL JOINTS 5'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED.
2. EXPANSION JOINTS 20'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED ON PLANS.
3. WHERE NEW CONCRETE PAVING MEETS BUILDING FOUNDATIONS OR SITE ELEMENT SLABS, INSTALL EXPANSION JOINTS.
4. TOOLED EDGES AND JOINTS; ALL PANELS.

2 CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR
SCALE: N.T.S. — PLAN

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. EXPANSION JOINTS 20'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED ON PLANS.
2. DOWEL IS TYPICAL AT ALL EXPANSION JOINTS BETWEEN EXISTING AND NEW CONCRETE EXCEPT AGAINST VERTICAL JOINTS WITH WALLS, CURBS OR SITE IMPROVEMENTS.
3. WHERE EXISTING AND NEW CONCRETE SIDEWALKS MEET, SAWCUT EXISTING WALK AND INSTALL EXPANSION JOINT AND DOWELS AS SHOWN. DRILL EXISTING CONCRETE WALK EDGE TO RECEIVE STEEL DOWELS AT EXPANSION JOINT.
4. TOOLED EDGES AND JOINTS; ALL PANELS.



NOTES:
1. CONTROL JOINTS 5'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED.
2. TOOLED EDGES AND JOINTS; ALL PANELS.

3 CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS
SCALE: N.T.S. — SECTION

4 STONE DRIP EDGE; ALUMINUM EDGING
SCALE: N.T.S.

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

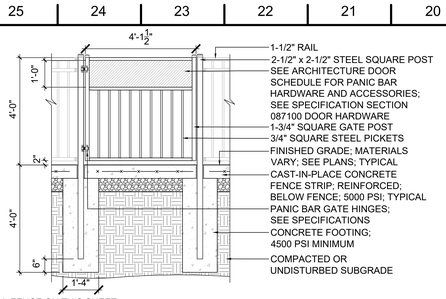
ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.12

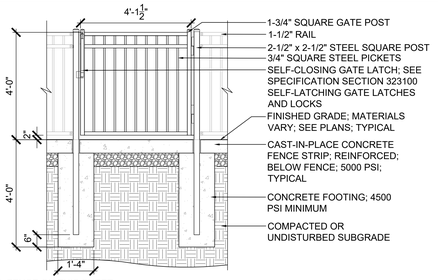
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ON THIS SHEET.

10 DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2

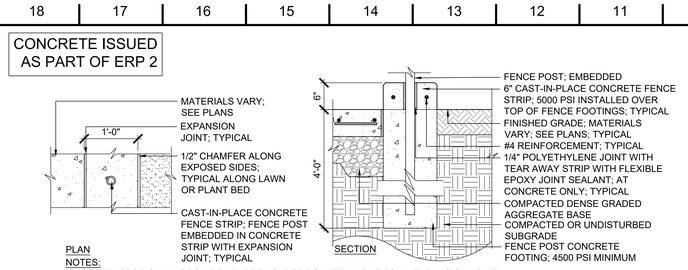


NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ON THIS SHEET.

11 DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH
SCALE: N.T.S. SECTION

INTENTIONALLY OMITTED FOR ERP 2

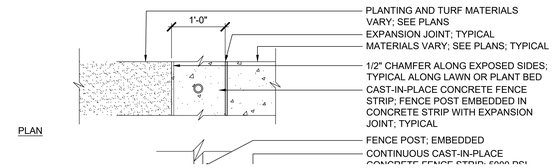
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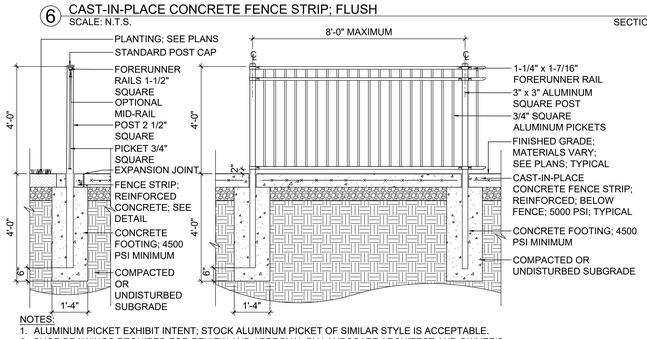
NOTES:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT, CURB DEPTH WITH SILICONE SEALANT EVERY 30' O.C. UNLESS OTHERWISE NOTED.
2. MOW STRIP CORNER ADJACENT TO LAWN, PIP, OR PLANT BEDS SHALL HAVE 1/2" CHAMFER.

5 CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED
SCALE: N.T.S. SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2



6 CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH
SCALE: N.T.S. SECTION | PLAN

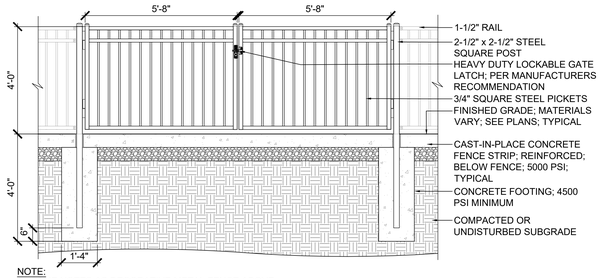


NOTES:
1. ALUMINUM PICKET EXHIBIT INTENT; STOCK ALUMINUM PICKET OF SIMILAR STYLE IS ACCEPTABLE.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
3. ALL ALUMINUM PICKET COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
5. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.

CONCRETE ISSUED AS PART OF ERP 2

7 DECORATIVE METAL FENCE; 4'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
SCALE: N.T.S. SECTION

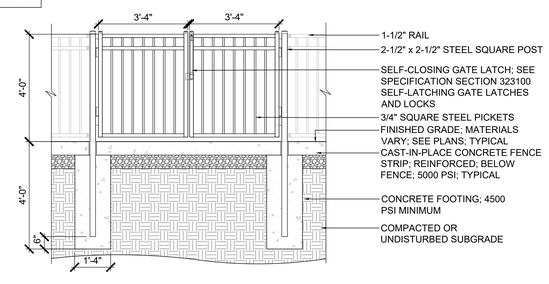
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ABOVE.

8 DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH
SCALE: N.T.S. SECTION

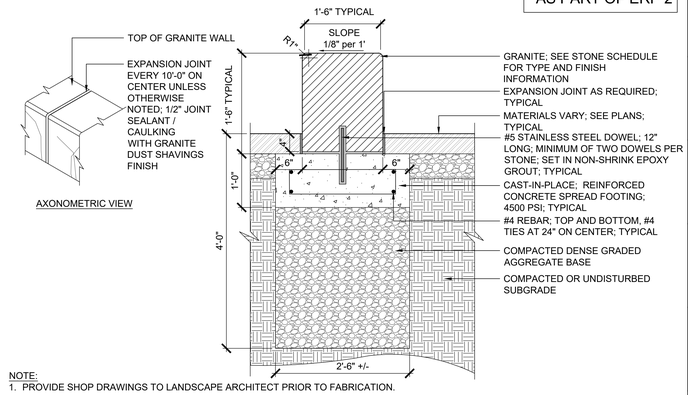
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ABOVE.

9 DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



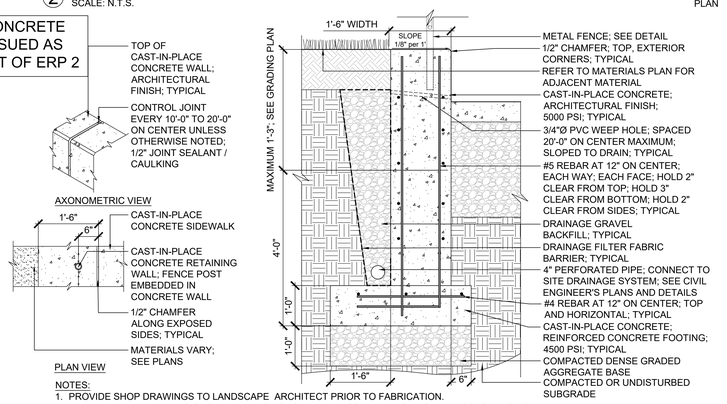
NOTE:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.

1 GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING
SCALE: N.T.S. SECTION | AXONOMETRIC

INTENTIONALLY OMITTED FOR ERP 2

2 GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT
SCALE: N.T.S. PLAN

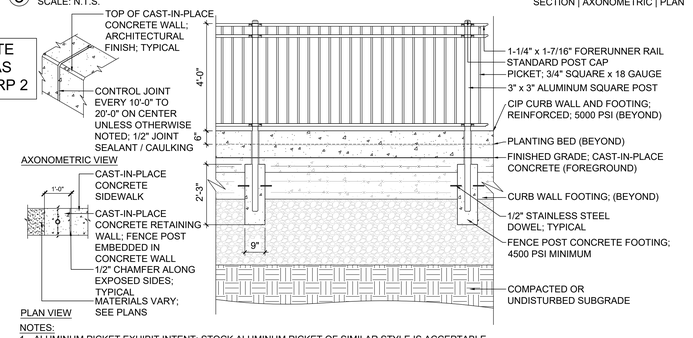
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. VERIFY ALL WALL DIMENSIONS IN FIELD FOR SHOP DRAWINGS AND PRIOR TO WALL CONSTRUCTION.
3. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 50'-0" ON CENTER UNLESS OTHERWISE NOTED.

3 CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE
SCALE: N.T.S. SECTION | AXONOMETRIC | PLAN

CONCRETE ISSUED AS PART OF ERP 2

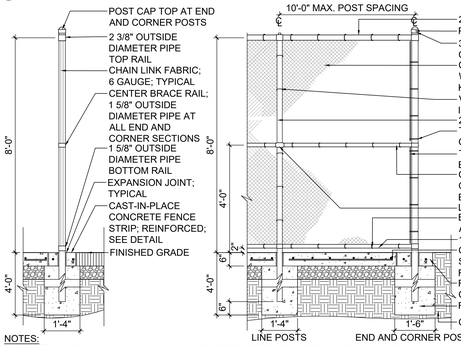


NOTES:
1. ALUMINUM PICKET EXHIBIT INTENT; STOCK ALUMINUM PICKET OF SIMILAR STYLE IS ACCEPTABLE.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICAT
3. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 50'-(CENTER UNLESS OTHERWISE NOTED.
4. ALL ALUMINUM PICKET COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
5. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
6. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.

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4 CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE
SCALE: N.T.S. SECTION | AXONOMETRIC | PLAN

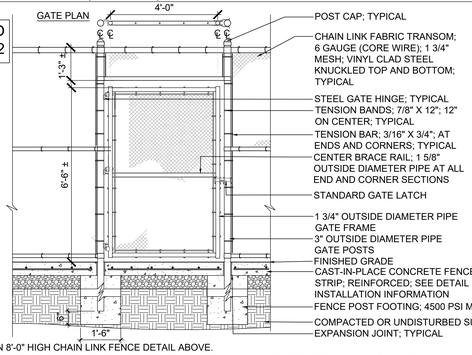
12 SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH
SCALE: N.T.S. SECTION | IMAGE



NOTES:
1. ALL FENCE PIPE SHALL BE COLD ROLLED STEEL; REFER TO SPECIFICATIONS; TYPICAL.
2. ALL LINE POSTS SHALL BE INSTALLED EQUALLY SPACED BETWEEN END AND CORNER POSTS.
3. ALL CLAMPS, TIES, POST TOPS, BANDS, POSTS, ETC., SHALL BE VINYL CLAD TO MATCH FABRIC; TYPICAL.
4. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
5. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
7. FOR FENCES AT OR OVER 6'-0" HIGH CONCRETE FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

CONCRETE ISSUED AS PART OF ERP 2

13 CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP
SCALE: N.T.S. SECTION



NOTE:
1. SAME NOTES AS SHOWN IN 8'-0" HIGH CHAIN LINK FENCE DETAIL ABOVE.

14 CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH
SCALE: N.T.S. SECTION | PLAN

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KEY PLAN

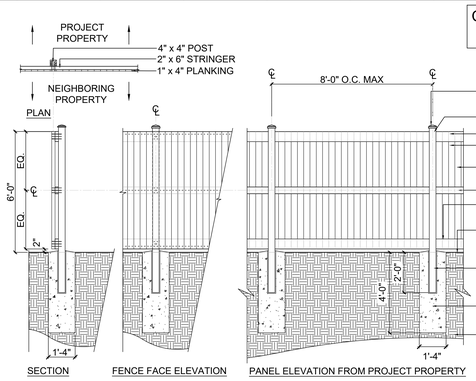
ORIENTATION AND SCALE:

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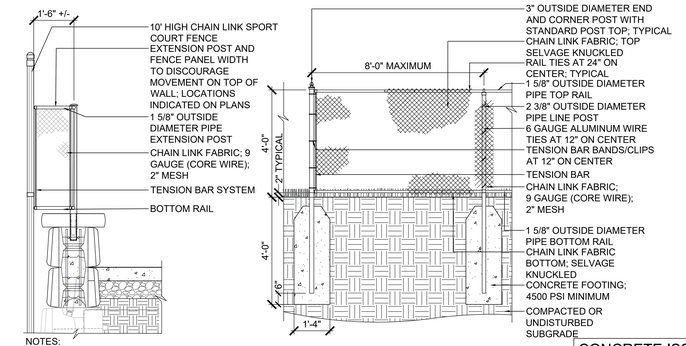
SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.13

CONCRETE ISSUED AS PART OF ERP 2



10 WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION | PLAN

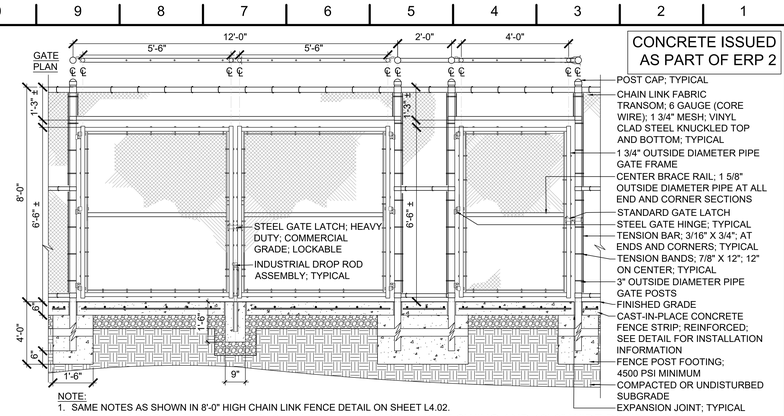


NOTES:
1. FABRICATOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PRODUCING SHOP DRAWINGS.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
3. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.

CONCRETE ISSUED AS PART OF ERP 2

5 CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
SCALE: N.T.S. SECTION

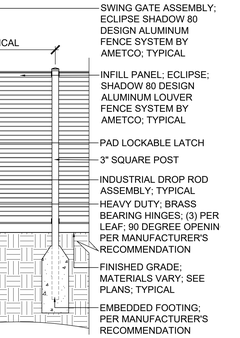
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS SHOWN IN 8'-0" HIGH CHAIN LINK FENCE DETAIL ON SHEET L4.02.

1 CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE SWING AND 12'-0" WIDE DOUBLE SWING
SCALE: N.T.S. SECTION

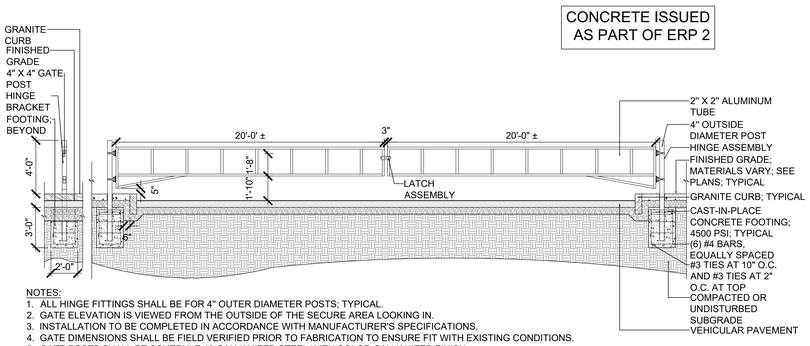
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
3. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.
4. FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

11 UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
SCALE: N.T.S. SECTION

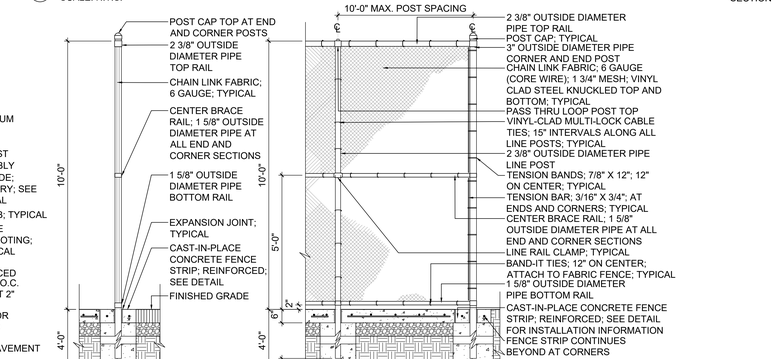
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

6 VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2

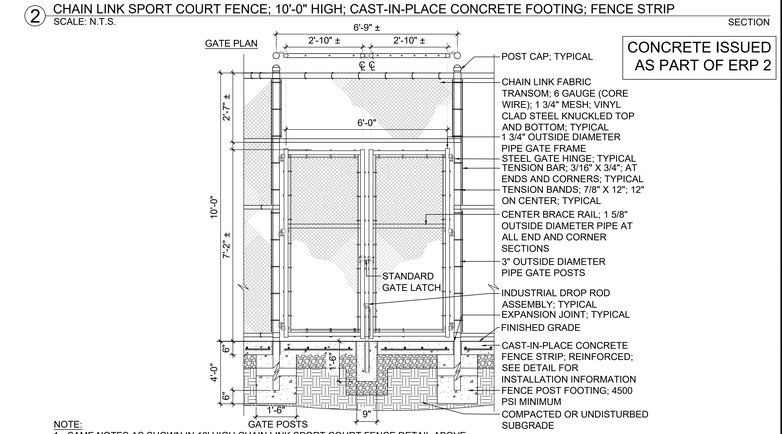


NOTES:
1. ALL FENCE PIPE SHALL BE COLD ROLLED STEEL; REFER TO SPECIFICATIONS; TYPICAL.
2. ALL LINE POSTS SHALL BE INSTALLED EQUALLY SPACED BETWEEN END AND CORNER POSTS.
3. ALL CLAMPS, TIES, POST TOPS, BANDS, POSTS, ETC., SHALL BE VINYL CLAD TO MATCH FABRIC; TYPICAL.
4. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
5. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
7. FOR FENCES AT OR OVER 6'-0" HIGH CONCRETE FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

CONCRETE ISSUED AS PART OF ERP 2

2 CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
SCALE: N.T.S. SECTION

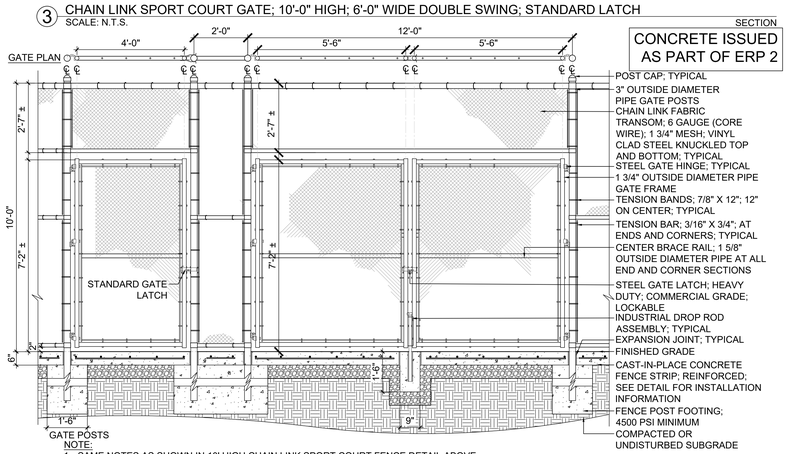
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS SHOWN IN 10' HIGH CHAIN LINK SPORT COURT FENCE DETAIL ABOVE.

3 CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
SCALE: N.T.S. SECTION

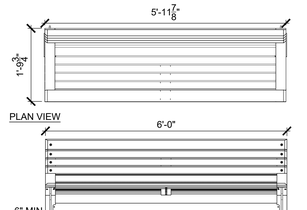
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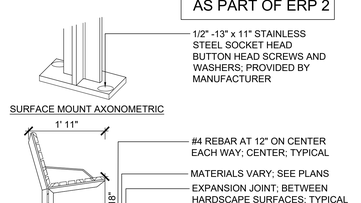


NOTE:
1. SAME NOTES AS SHOWN IN 10' HIGH CHAIN LINK SPORT COURT FENCE DETAIL ABOVE.

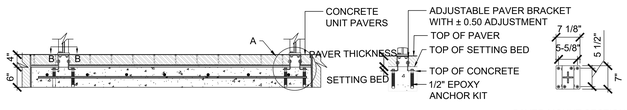
4 CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



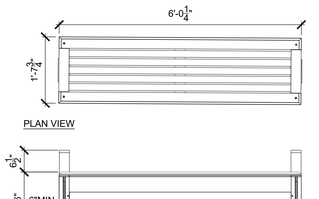


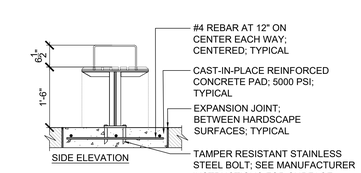
NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.



12 BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT; *SIM. WITH PAVER MOUNT BRACKET
SCALE: N.T.S. SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

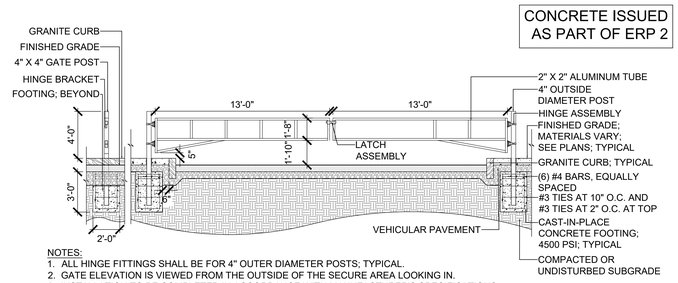




NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

13 BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
SCALE: N.T.S. SECTION | AXONOMETRIC

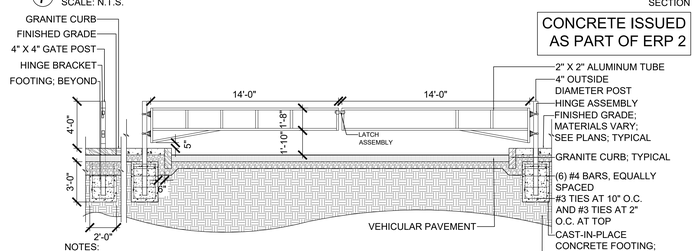
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

7 VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

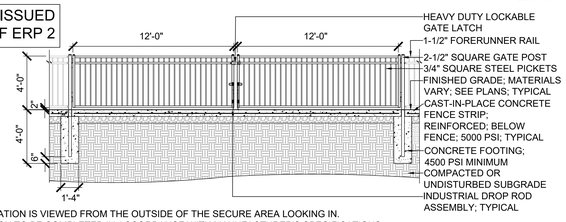
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

8 VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.

9 STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

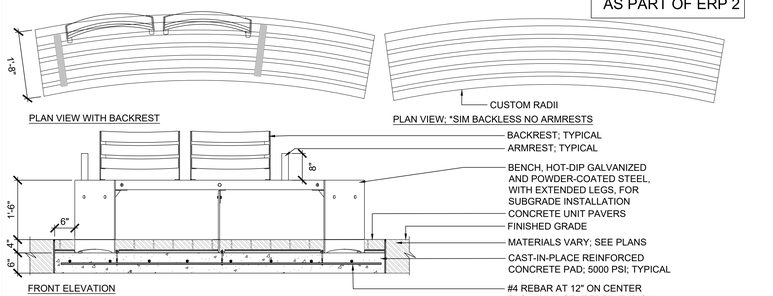
ORIENTATION AND SCALE:
AS NOTED

SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.14

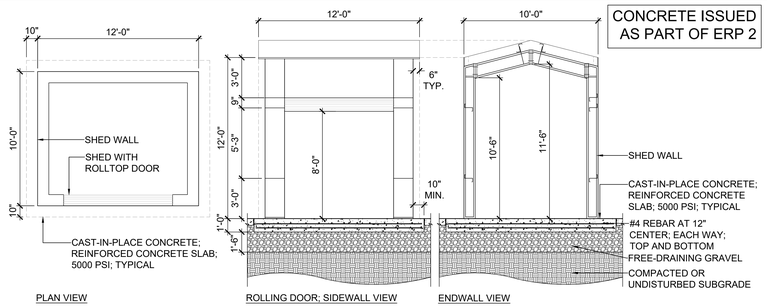
CONCRETE ISSUED AS PART OF ERP 2

INTENTIONALLY OMITTED FOR ERP 2



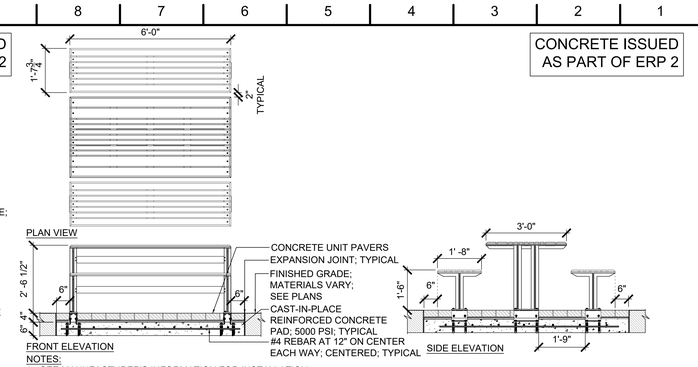
NOTES:
1. EACH BENCH SHALL HAVE CUSTOM INSIDE AND OUTSIDE RADIUS; PER PLAN. CONTRACTOR SHALL WORK WITH MANUFACTURER TO PRODUCE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
2. BENCH SHALL BE MOUNTED TO SUBSLAB.

10 CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT; *SIM BACKLESS
SCALE: N.T.S. — SECTION | PLAN



NOTES:
1. 10'-0" W x 12'-0" L x 12'-0" H; PRE-MANUFACTURED METAL STEEL STORAGE SHED BUILDING WITH STANDING SEEM ROOF AND EXTERIOR ROLL-UP DOOR AS SHOWN.
2. MANUFACTURER PAINTED FOR LONGEVITY AND WARRANTY.

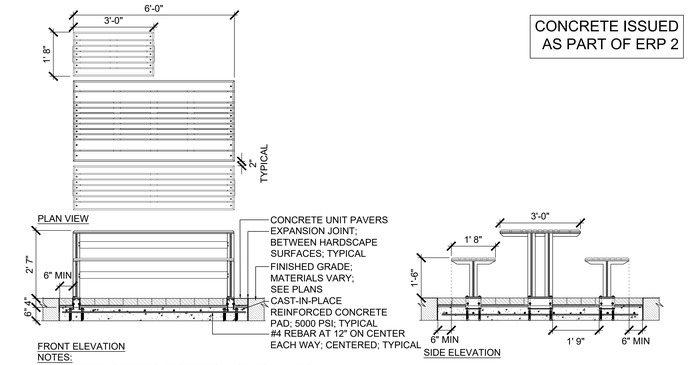
6 PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD
SCALE: N.T.S. — SECTION



NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

1 TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET
SCALE: N.T.S. — SECTION | PLAN

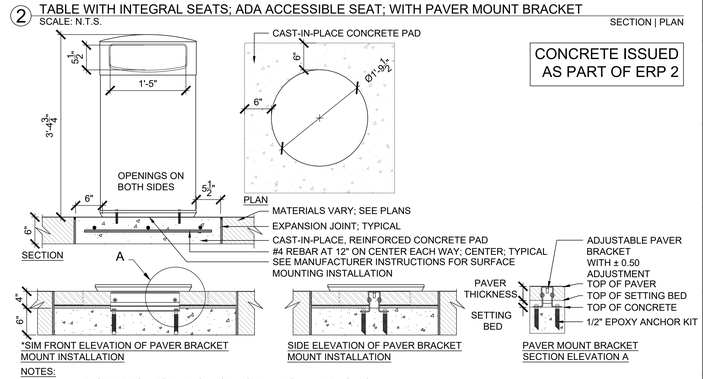
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

2 TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET
SCALE: N.T.S. — SECTION | PLAN

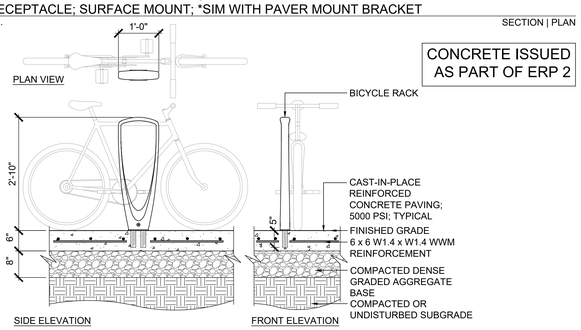
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION AND FINISHES.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.

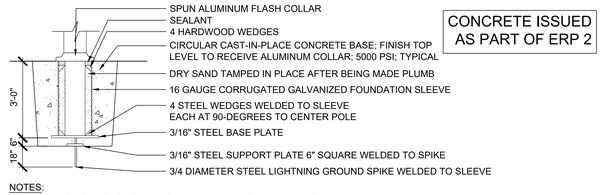
3 LITTER RECEPTACLE; SURFACE MOUNT; *SIM WITH PAVER MOUNT BRACKET
SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2



4 BICYCLE RACK; SURFACE MOUNT
SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

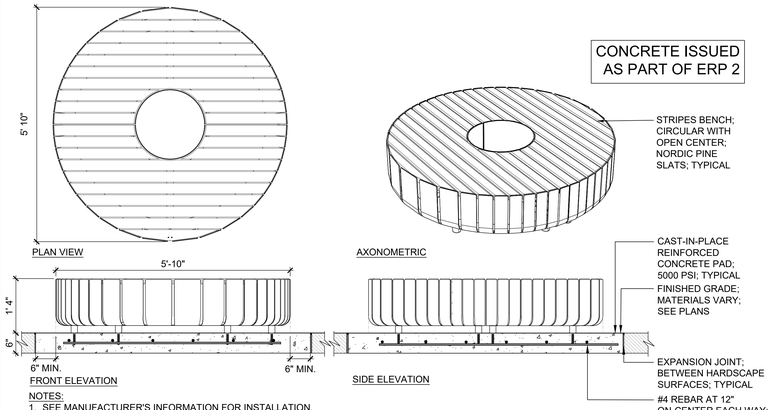


NOTES:
1. SEE SPECIFICATIONS FOR FLAGPOLE MATERIALS AND DETAILS.
2. DELEGATED DESIGN OF FLAGPOLE FOOTING. FOUNDATION DESIGN TO BE PROVIDED BY CONTRACTOR. FOUNDATION DIMENSIONS SHALL BE DETERMINED BY A QUALIFIED ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS, REGISTERED IN THE STATE OF MASSACHUSETTS.
3. FULL EXCAVATION DEPTH EQUALS LENGTH OF FOUNDATION TUBE PLUS 1'-0".

5 FLAGPOLE; ALUMINUM; INTERNAL HALYARD; ENGINEERED FOOTING
SCALE: N.T.S. — SECTION

11 MOVABLE SQUARE SEATS; ON CASTERS
SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

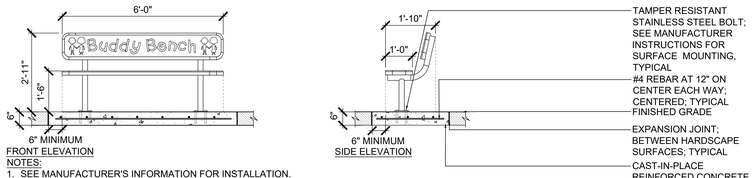
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. FINISH: HOT-DIP GALVANIZED AND POWDER COATED STEEL.

12 CIRCULAR BENCH; SURFACE MOUNT
SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

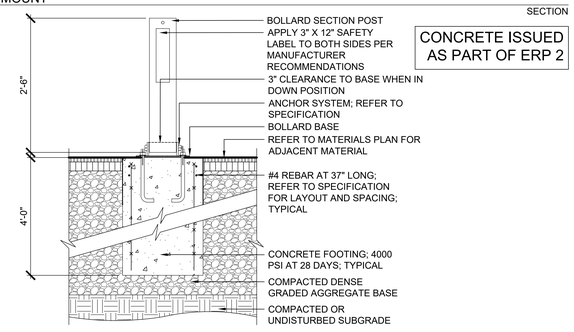
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NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

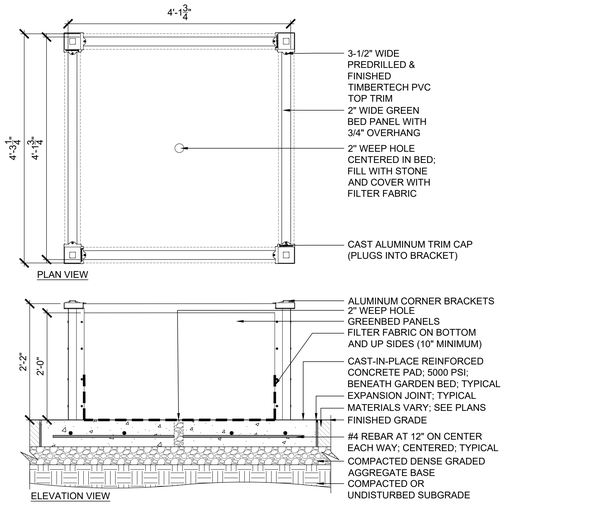
13 BUDDY BENCH; SURFACE MOUNT
SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2



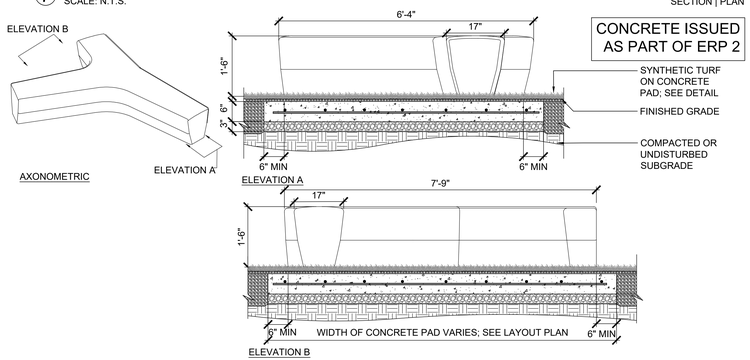
14 COLLAPSIBLE BOLLARD
SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2



7 RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD
SCALE: N.T.S. — SECTION | PLAN

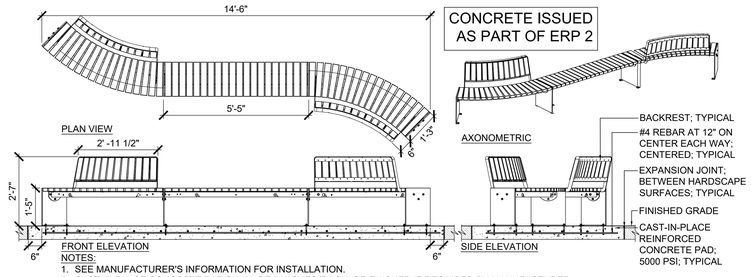
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. BENCH IS 3850 POUNDS AND IS FREESTANDING ON CAST-IN-PLACE CONCRETE PAD.

8 FREE-FORM BENCH; FREE-STANDING
SCALE: N.T.S. — SECTION | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

9 SCULPTURAL BENCH; SURFACE MOUNT
SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

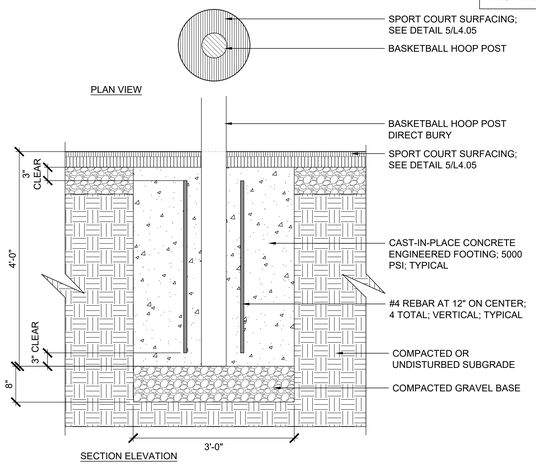
ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.15

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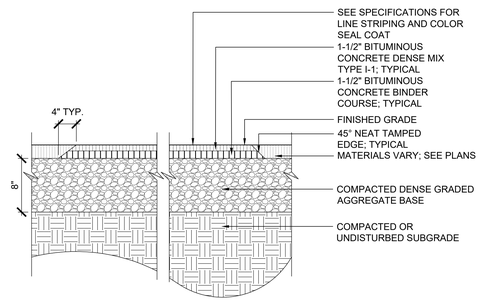


SECTION ELEVATION

NOTES:
1. REFER TO BASKETBALL HOOP MANUFACTURER FOR SIZE OF FOOTING AND ATTACHMENTS.
2. BASKETBALL HOOP CAST-IN-PLACE CONCRETE FOOTING AND DIRECT BURY TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
3. IF LEDGE PREVENTS CONCRETE FOOTING FROM REACHING SPECIFIED DEPTH; PIN FOOTING TO LEDGE WITH DRILLED AND GROUTED DOWELS PER STRUCTURAL ENGINEERING RECOMMENDATION.

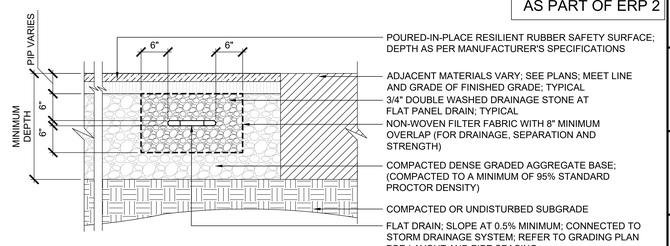
9 BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
SCALE: N.T.S. PLAN | SECTION

ISSUED AS PART OF ERP 1



5 BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP 1)
SCALE: N.T.S. SECTION

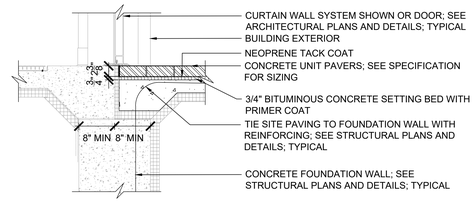
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PITCH RESILIENT RUBBER SAFETY SURFACE 0.5% MINIMUM.
2. FOR ALL RESILIENT RUBBER SAFETY SURFACING AREAS, THE LICENSED (CPSI) CONTRACTOR MUST DETERMINE THE APPROPRIATE THICKNESS OF SAFETY SURFACING (BASED ON MANUFACTURER'S SPECS & SAFETY REQUIREMENTS) AND CALCULATE THE SUBSURFACE GRADES OF THE 95% MINIMUM COMPACTED DENSE GRADED AGGREGATE.
3. THE GRAVEL AGGREGATE MUST PITCH TO DRAIN.
4. ALL AREA DRAINS, CATCH BASINS & CLEAN OUTS FALLING WITHIN THE PLAY EQUIPMENT ZONES SHALL BE EMBEDDED UNDER THE SAFETY SURFACE LAYER.
5. SEE IRRIGATION DRAWINGS AND SPECIFICATIONS FOR FLAT DRAIN LAYOUT AND DETAILS.

1 POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB WILL ACCEPT THE LINE AND GRADE OF THE CONCRETE UNIT PAVERS, INCLUDING THE TACK COAT AND SETTING BED LAYER. THE LINE AND GRADE BETWEEN PAVERS ON CAST-IN-PLACE SLAB AND CONCRETE FRONT SLAB SHALL BE FLUSH.
2. ALL STRUCTURAL CONCRETE FROST SLAB AND CONCRETE UNIT PAVER SLAB DEPTHS ARE DETAILED TO ACCEPT A 2 3/8" THICK CONCRETE UNIT PAVER AND 3/4" TACK COAT AND SETTING BED LAYER. PAVERS NOT CONFORMING TO SPECIFIED THICKNESS SHALL NOT BE GROUNDS FOR ADJUSTMENT OF CONCRETE PAD ELEVATIONS.

10 PAVERS OVER CONCRETE FROST SLAB; FROST SLAB BY OTHERS
SCALE: N.T.S. SECTION

INTENTIONALLY OMITTED FOR ERP 2

6 LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
SCALE: N.T.S. PLAN

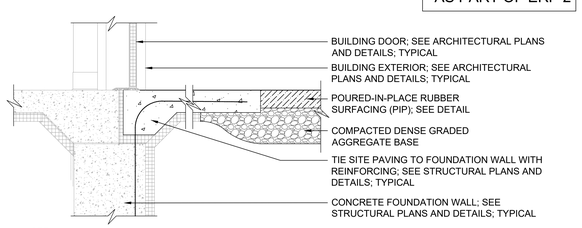
INTENTIONALLY OMITTED FOR ERP 2

7 LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
SCALE: N.T.S. PLAN

INTENTIONALLY OMITTED FOR ERP 2

8 LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
SCALE: N.T.S. PLAN

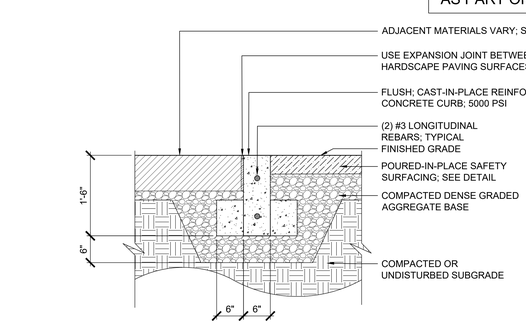
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB MEETING THE GRADE OF THE POURED-IN-PLACE (PIP) TO BE FLUSH.

11 POURED-IN-PLACE (PIP) ADJACENT TO FROST SLAB; FROST SLAB BY OTHERS
SCALE: N.T.S. SECTION

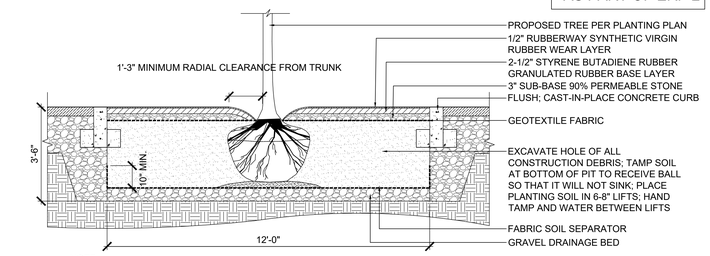
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. FLUSH CURB CORNERS ADJACENT TO RESILIENT SURFACING SHALL BE SQUARE TO ENSURE SMOOTH INTERFACE BETWEEN MATERIALS.
2. CONTRACTORS SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT, FULL DEPTH WITH SILICONE SEALANT EVERY 30' O.C. UNLESS OTHERWISE NOTED.
3. FLUSH CURB CORNER ADJACENT TO LAWN OR PLANT BEDS SHALL HAVE 1/2" CHAMFER.

2 POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
SCALE: N.T.S. SECTION

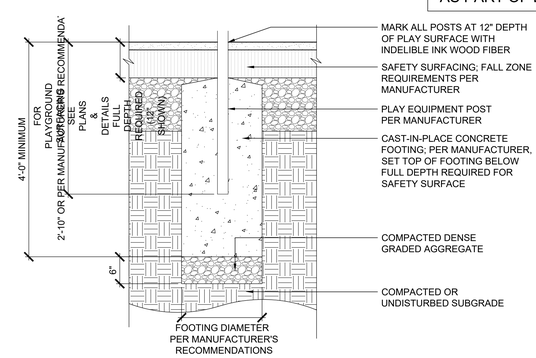
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. LEAVE A 15" GAP FROM THE TRUNK OF THE TREE; USE A TEMPORARY SONO TUBE FORM AND REMOVE ONCE THE RUBBER HAS CURED.

3 FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL FOOTINGS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATION.
2. SEE MANUFACTURER'S X AND Y FOOTING LAYOUT PLAN FOR SPECIFIC POST LOCATIONS.

4 PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
SCALE: N.T.S. SECTION

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

AS NOTED

SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.16

INTENTIONALLY
OMITTED FOR ERP 2

4 TURFGRASS ATHLETIC FIELD; IRRIGATED AND UNDER DRAINAGE
SCALE: N.T.S. SECTION

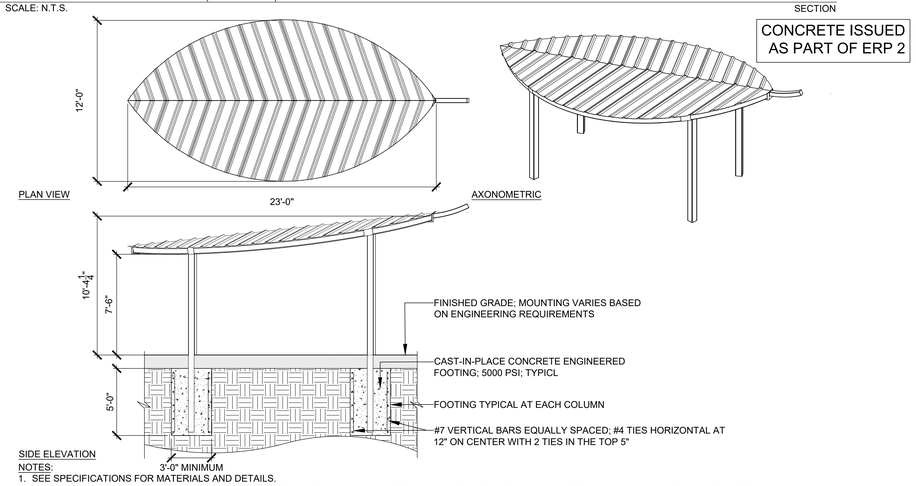
INTENTIONALLY
OMITTED FOR ERP 2

5 TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

6 DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE DRILLED INTO MODULAR BLOCK RETAINING WALL
SCALE: N.T.S. SECTION

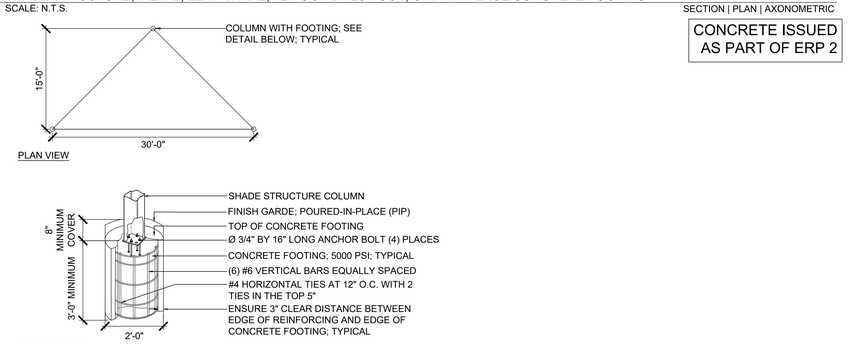
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE SPECIFICATIONS FOR MATERIALS AND DETAILS.
2. FOUNDATION DESIGN SHALL BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS.

7 SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2



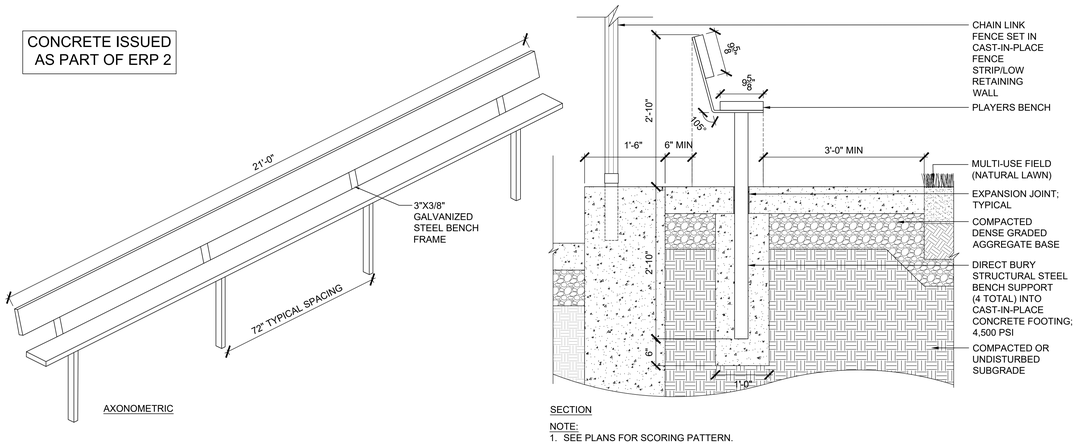
NOTES:
1. SEE SPECIFICATIONS FOR MATERIALS AND DETAILS.
2. ALL CONNECTION COMPONENTS TO BE FACTORY WELDED.
3. FOUNDATION DESIGN SHALL BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS. SUBMIT SHOP DRAWINGS STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

8 SHADE STRUCTURE; METAL; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. PLAN | AXONOMETRIC

INTENTIONALLY
OMITTED FOR ERP 2

1 SOCCER GOAL; FREE-STANDING
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SEE PLANS FOR SCORING PATTERN.

2 PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING
SCALE: N.T.S. SECTION | AXONOMETRIC

INTENTIONALLY
OMITTED FOR ERP 2

3 SOCCER FIELD LAYOUT; U8
SCALE: N.T.S. PLAN

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KEY PLAN

AS NOTED

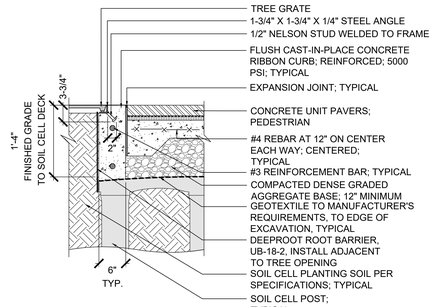
SHEET TITLE:
ERP 2: DETAILS

SHEET NUMBER:
L0.17

INTENTIONALLY
OMITTED FOR ERP 2

③ TREE GRATE; 5'-0" BY 10'-0" ; 16" TREE OPENING; CAST-IRON
SCALE: N.T.S. SECTION | PLAN

CONCRETE ISSUED
AS PART OF ERP 2



NOTES:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 30'-0" ON CENTER UNLESS OTHERWISE NOTED.
2. SEE MANUFACTURERS' RECOMMENDATIONS FOR TREE GRATE AND SOIL CELL INSTALLATION.

④ CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

① SOIL CELLS LAYOUT
SCALE: N.T.S. PLAN

INTENTIONALLY
OMITTED FOR ERP 2

② SOIL CELLS SECTIONS
SCALE: N.T.S. SECTION

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KEY PLAN

ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
ERP 2: DETAILS - SOIL CELLS

SHEET NUMBER:
L0.18

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

12 SHRUB PLANTING ON SLOPE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

1 SEED LAWN
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

2 PERENNIAL PLANTING
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

7 EVERGREEN TREE PLANTING
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

3 HERBACEOUS SPACING CHART
SCALE: N.T.S. PLAN | SECTION

13 DECIDUOUS TREE PLANTING ON SLOPE
SCALE: N.T.S. SECTION

8 SHOVEL CUT PLANTING BED EDGE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

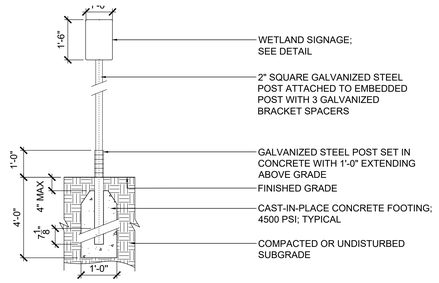
INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

4 SHRUB PLANTING
SCALE: N.T.S. SECTION

14 WETLAND NO DISTURB ZONE BOULDER DEMARCATION
SCALE: N.T.S. SECTION

CONCRETE ISSUED
AS PART OF ERP 2



NOTES:
1. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
3. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.
4. SIGNAGE TO BE INSTALLED AT 15'-0" WETLAND NO DISTURB ZONE DEMARCATION. SEE PLANS FOR LOCATIONS.

15 SITE SIGNAGE AND POST; CONCRETE FOOTER
SCALE: N.T.S. SECTION

9 LAWN PLANTING ON SLOPE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

5 HEDGE PLANTING
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

10 PERENNIAL PLANTING ON SLOPE
SCALE: N.T.S. SECTION

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

INTENTIONALLY
OMITTED FOR ERP 2

16 WETLAND SIGNAGE; TO BE MOUNTED ONTO POST
SCALE: N.T.S. SECTION

11 BULB PLANTING
SCALE: N.T.S. SECTION

6 DECIDUOUS TREE PLANTING
SCALE: N.T.S. SECTION

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KEY PLAN

ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
ERP 2: DETAILS - PLANTING

SHEET NUMBER:
L0.19

KEY	DETAIL	DESCRIPTION
E12	DETAIL 3/L4.06	SOCCER FIELD LAYOUT
E13	DETAIL 4/L4.06	TURFGRASS ATHLETIC FIELD; SOD LAWN; IRRIGATED AND UNDER DRAINAGE
E14	DETAIL 5/L4.06	TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
E15	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL
E16	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING
E17	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; TRIANGLE SHAPE; 15-FOOT BY 30-FOOT; CONCRETE FOOTING
E18	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
H1	DETAIL 1/L4.07	SOIL CELLS LAYOUT
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS
H3	DETAIL 3/L4.07	TREE GRATE; 5'-0" BY 10'-0"; 16" TREE OPENING; CAST IRON
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE

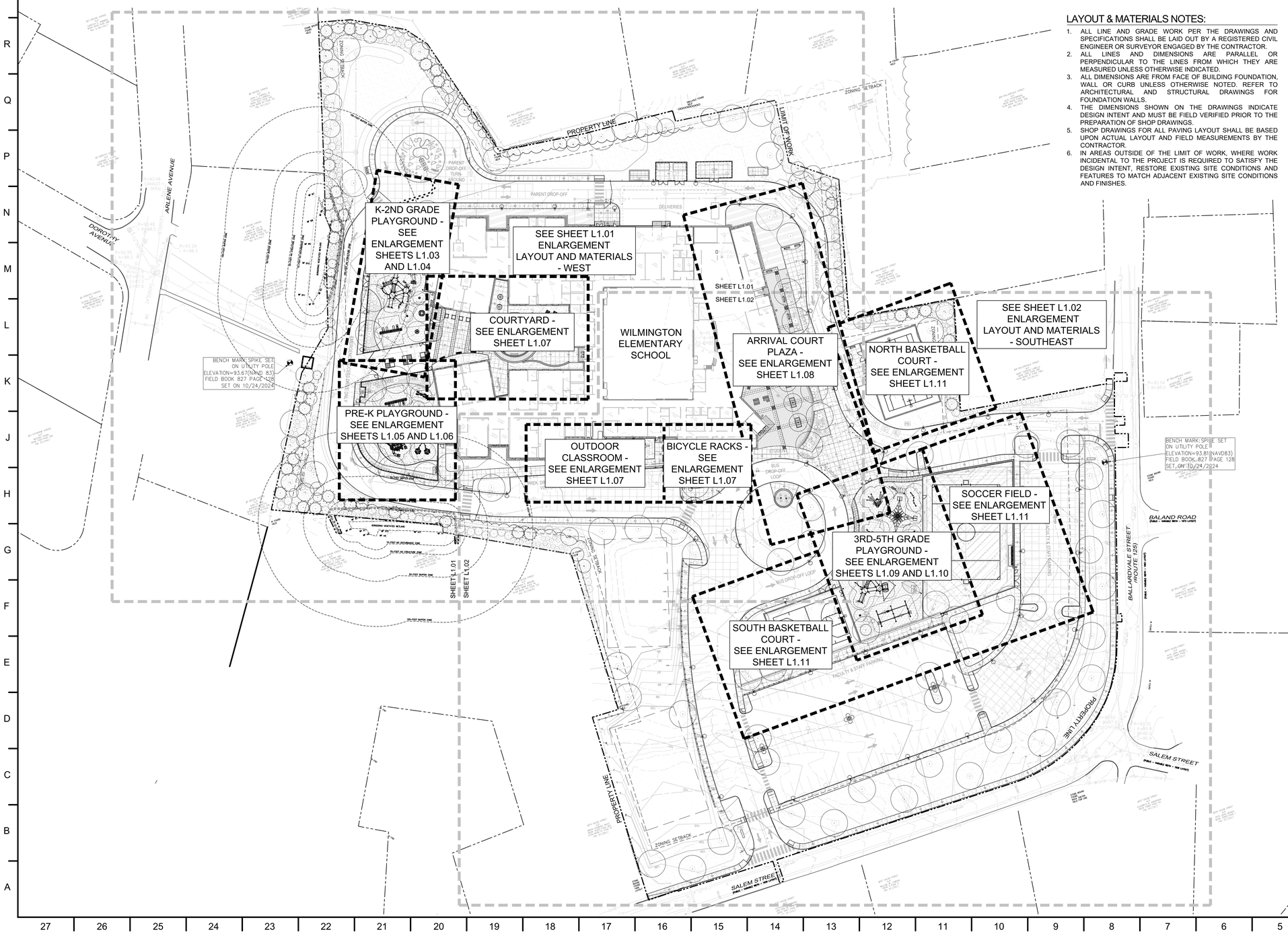
KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)
E6	DETAIL 6/L4.05	LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
E7	DETAIL 7/L4.05	LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
E8	DETAIL 8/L4.05	LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
E9	DETAIL 9/L4.05	ARCHITECTURAL FROST PAD OR BUILDING PILLAR ADJACENT TO VARIOUS MATERIALS
E10	DETAIL 1/L4.06	SOCCER GOAL; FREE-STANDING
E11	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT *SIM. BACKLESS
D13	DETAIL 11/L4.04	MOVABLE SQUARE SEATS; ON CASTERS
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT

KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
E19	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH
C8	DETAIL 12/L4.02	SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS
A4	DETAIL 4/L4.01	STONE DRIP EDGE; ALUMINUM EDGING
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE
A6	DETAIL 6/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE
A9	DETAIL 9/L4.01	GRANITE CURB; SLUICEWAY CURB CUT
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE



LAYOUT & MATERIALS NOTES:

1. ALL LINE AND GRADE WORK PER THE DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR ENGAGED BY THE CONTRACTOR.
2. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
3. ALL DIMENSIONS ARE FROM FACE OF BUILDING FOUNDATION, WALL OR CURB UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR FOUNDATION WALLS.
4. THE DIMENSIONS SHOWN ON THE DRAWINGS INDICATE DESIGN INTENT AND MUST BE FIELD VERIFIED PRIOR TO THE PREPARATION OF SHOP DRAWINGS.
5. SHOP DRAWINGS FOR ALL PAVING LAYOUT SHALL BE BASED UPON ACTUAL LAYOUT AND FIELD MEASUREMENTS BY THE CONTRACTOR.
6. IN AREAS OUTSIDE OF THE LIMIT OF WORK, WHERE WORK INCIDENTAL TO THE PROJECT IS REQUIRED TO SATISFY THE DESIGN INTENT, RESTORE EXISTING SITE CONDITIONS AND FEATURES TO MATCH ADJACENT EXISTING SITE CONDITIONS AND FINISHES.

LEGEND

- PROPERTY LINE
- ZONING SETBACK
- CAST-IN-PLACE CONCRETE PAVEMENT; PEDESTRIAN
- POURED-IN-PLACE RUBBER PLAY SURFACING
- SYNTHETIC LAWN
- SYNTHETIC LAWN WITH CONCRETE PAD UNDERNEATH
- IRRIGATED SOD
- GENERAL LAWN; SEED
- GRANITE SLAB MONOLITHIC BENCH
- SEATWALL (STONE WITH CAP)
- CAST-IN-PLACE CONCRETE LOW RETAINING WALL
- WALL DRAIN
- BICYCLE RACK
- BENCH; BACKLESS WITH ARMS
- BENCH; BACKED WITH ARMS
- CURVED BENCH; BACKED WITH ARMS
- CURVED BENCH; BACKLESS
- FREE-FORM BENCH
- SCULPTURAL BENCH
- CIRCULAR BENCH
- MOVABLE SQUARE SEATS
- TABLE WITH INTEGRAL SEATS
- TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT
- RAISED GARDEN BED
- LITTER/RECYCLE RECEPTACLE
- FLAGPOLE
- TREE GRATE
- PLAYERS BENCH
- BASKETBALL HOOP
- SOCCER GOAL
- PREFABRICATED SHED
- LEAF SHAPE SHADE STRUCTURE
- PROPOSED DECIDUOUS TREE | SHRUB
- PROPOSED EVERGREEN TREE | SHRUB
- STEEL FENCE; CRASH TEST-RATED; 4'-0" HIGH
- WOOD PRIVACY BOARD FENCE; 6'-0" HIGH
- SPORT COURT/FIELD FENCE; CHAIN LINK; 10'-0" HIGH
- SPORT COURT/FIELD FENCE; CHAIN LINK; 8'-0" HIGH
- PLAY EQUIPMENT WITH SAFETY ZONE OUTLINE
- UNDERDRAINS

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 20' 40' 60'
GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 40'-0"

SHEET TITLE:
LAYOUT AND MATERIALS - KEY PLAN, NOTES, AND LEGENDS

SHEET NUMBER:
L1.00

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND

ARLENE AVENUE

ZONING SETBACK

UN-PROGRAMMED OPEN SPACE; NATURAL LAWN

100-FOOT BUFFER ZONE

PROPERTY LINE

PROTECT EXISTING STONEWALL AT PROPERTY LINE TO REMAIN; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL UTILITY INFORMATION; TYPICAL

LIMIT OF WORK

EXISTING VEGETATION AT THIS LOCATION TO BE PROTECTED TO REMAIN

PARENT DROP-OFF TURN-AROUND

PARENT DROP-OFF

DELIVERIES

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

PROPOSED SCREEN PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.02

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 - IR-101; TYPICAL

FROST SLAB AT ENTRY SILL; SEE ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS; TYPICAL

15'-0" WETLAND NO DISTURB ZONE BOULDER DEMARCATION AND SIGNAGE; PER TOWN OF WILMINGTON CONSERVATION COMMISSION; SEE DETAILS 14, 15, AND 16 ON SHEET L4.08

EMERGENCY CALL TOWER BOX; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

PROTECT EXISTING PEDESTRIAN PATH TO REMAIN

BENCH MARK: SPIKE SET ON UTILITY POLE ELEVATION=23.67(NAVD 83) FIELD BOOK 827-PAGE 128 SET ON 10/24/2024

PROTECT EXISTING PUMP HOUSE TO REMAIN

EMERGENCY ACCESS DRIVE ONLY

K-2ND GRADE PLAYGROUND SEE ENLARGEMENT SHEETS L1.03 AND L1.04

COURTYARD - SEE ENLARGEMENT SHEET L1.07

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PRE-K PLAYGROUND - SEE ENLARGEMENT SHEETS L1.05 AND L1.06

OUTDOOR CLASSROOM - SEE ENLARGEMENT SHEET L1.07

BICYCLE RACKS - SEE ENLARGEMENT SHEET L1.07

ARRIVAL COURT PLAZA - SEE ENLARGEMENT SHEET L1.08

NORTH BASKETBALL COURT - SEE ENLARGEMENT SHEET L1.11

3RD-5TH GRADE PLAYGROUND - SEE ENLARGEMENT SHEETS L1.09 AND L1.10

SOUTH BASKETBALL COURT AND SOCCER FIELD - SEE ENLARGEMENT SHEET L1.11

PREK. DROP-OFF SERVICE/ VISITOR PARKING

STUDENT LOADING UNLOADING ZONE

BUS DROP-OFF LOOP

PARENT VEHICLE LOOP

SEE SHEET L1.02

SHEET L1.01

SHEET L1.02

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 10' 20' 40' GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:
LAYOUT AND MATERIALS - WEST

SHEET NUMBER:
L1.01

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND

COURTYARD - SEE ENLARGEMENT SHEET L1.07

WILMINGTON ELEMENTARY SCHOOL

SHEET L1.01

SHEET L1.02

ARRIVAL COURT PLAZA - SEE ENLARGEMENT SHEET L1.08

NORTH BASKETBALL COURT - SEE ENLARGEMENT SHEET L1.11

OUTDOOR CLASSROOM - SEE ENLARGEMENT SHEET L1.07

BICYCLE RACKS - SEE ENLARGEMENT SHEET L1.07

3RD - 5TH GRADE PLAYGROUND - SEE ENLARGEMENT SHEETS L1.09 AND L1.10

SOUTH BASKETBALL COURT AND SOCCER FIELD - SEE ENLARGEMENT SHEET L1.11

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

FROST SLAB AT ENTRY SILL; SEE ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS; TYPICAL

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 AND IR-102; TYPICAL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

ENTRY SIGN; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

PROTECT EXISTING UTILITY POLE TO REMAIN

BENCH MARK:SPIKE SET ON UTILITY POLE ELEVATION=93.81(NAVD83) FIELD BOOK 827 PAGE 128 SET ON 10/24/2024

DRAINAGE STRUCTURE UNDER PARKING LOT; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

BALAND ROAD (PUBLIC – VARIABLE WIDTH – 1972 LAYOUT)

BALLARDVALE STREET (ROUTE 125) (PUBLIC – VARIABLE WIDTH – 1962 LAYOUT)

SEE FIELD UNDERDRAINS AND IRRIGATION PLANS AND DETAILS ON SHEETS IR-100 - IR-400; TYPICAL

SEE PLAYGROUND UNDERDRAINS PLANS AND DETAILS ON SHEETS IR-100 - IR-103; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS;TYPICAL

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS;TYPICAL

EV CHARGING PROVISIONS SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

SEE ELECTRICAL PLANS AND DETAILS FOR UPLIGHTS

LAWN SEED; TYPICAL

SOD LAWN; TYPICAL

INFORMAL SOCCER FIELD; NATURAL LAWN

RETAINING WALL; SEE CIVIL ENGINEER'S PLANS AND DETAILS

SEE CIVIL ENGINEER'S PLANS AND DETAILS FOR ALL ROADWAY, PARKING, GRADING, DRAINAGE, AND UTILITY INFORMATION; TYPICAL

PROPERTY LINE

SALEM STREET (PUBLIC – VARIABLE WIDTH – 1926 LAYOUT)

ZONING SETBACK

STUDENT LOADING/ UNLOADING ZONE

BUS DROP-OFF LOOP

PRIVATE VEHICLE LOOP

PREK. DROP-OFF SERVICES. & VISITOR PARKING

FACULTY & STAFF PARKING

A/F PARKING

PROPOSED PLANTING; SEE PLANTING PLANS SHEETS L3.01-L3.06; TYPICAL

C20 BEGINS

C20 CONTINUES

C20 ENDS

C2 C12 TYPICAL

C2 C12 CONTINUES

C2 C12 END

C2 C12 TYPICAL

START C2 C12

START C2 C9

START B4 C12

B4 C9 START

B4 C12 END

B4 C9 END

END C2 C9

END C2 C12

END C20

END E15

A1 A2 A3 TYPICAL

A4 TYPICAL

A5 A6

B2 B3

D6 TYPICAL

D7

D5 TYPICAL

E5 E6

E10

E11

E12E13

E14

E15

E18

E18 TYPICAL

C13

C14

C15

C18

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 10' 20' 40' GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:

LAYOUT AND MATERIALS - SOUTHEAST

SHEET NUMBER:

L1.02

KEY	DETAIL	DESCRIPTION
E12	DETAIL 3/L4.06	SOCCER FIELD LAYOUT
E13	DETAIL 4/L4.06	TURFGRASS ATHLETIC FIELD; SOD LAWN; IRRIGATED AND UNDER DRAINAGE
E14	DETAIL 5/L4.06	TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
E15	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL
E16	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING
E17	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; TRIANGLE SHAPE; 15-FOOT BY 30-FOOT; CONCRETE FOOTING
E18	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
H1	DETAIL 1/L4.07	SOIL CELLS LAYOUT
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS
H3	DETAIL 3/L4.07	TREE GRATE; 5'-0" BY 10'-0"; 16" TREE OPENING; CAST IRON
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE

KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)
E6	DETAIL 6/L4.05	LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
E7	DETAIL 7/L4.05	LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
E8	DETAIL 8/L4.05	LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
E9	DETAIL 9/L4.05	ARCHITECTURAL FROST PAD OR BUILDING PILLAR ADJACENT TO VARIOUS MATERIALS
E10	DETAIL 1/L4.06	SOCCER GOAL; FREE-STANDING
E11	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING

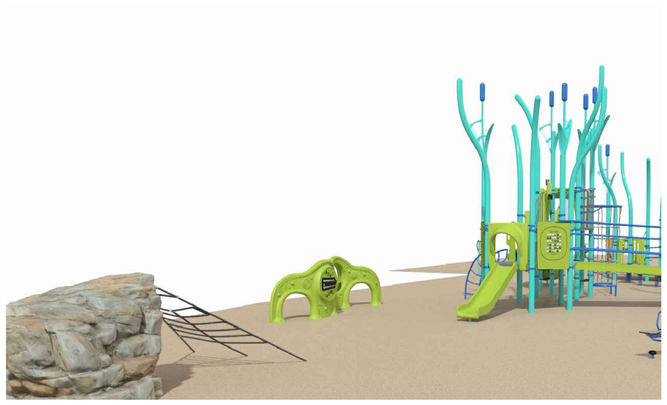
KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT *SIM. BACKLESS
D13	DETAIL 11/L4.04	MOVABLE SQUARE SEATS; ON CASTERS
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT

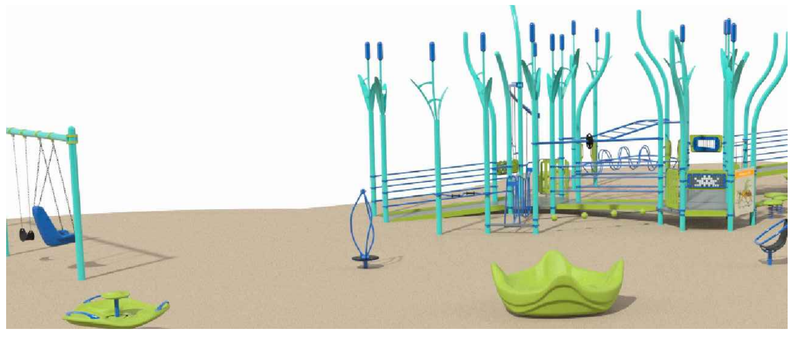
KEY	DETAIL	DESCRIPTION
E13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
E14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
E15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
E16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
E20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
E21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET

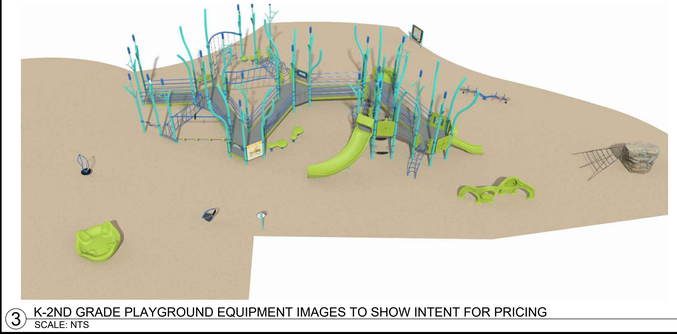
KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH
C8	DETAIL 12/L4.02	SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS
A4	DETAIL 4/L4.01	STONE DRIP EDGE; ALUMINUM EDGING
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE
A6	DETAIL 6/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE
A9	DETAIL 9/L4.01	GRANITE CURB; SLUICEWAY CURB CUT
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE

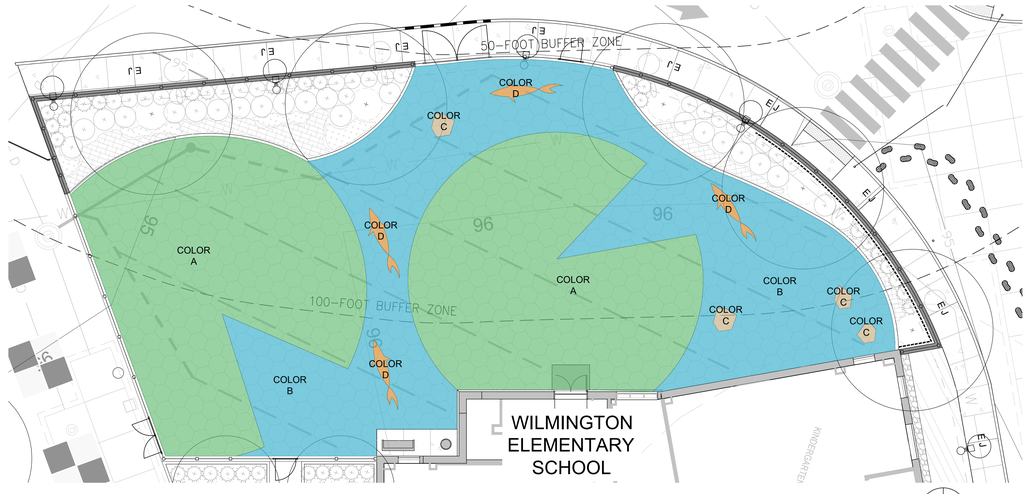
SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND



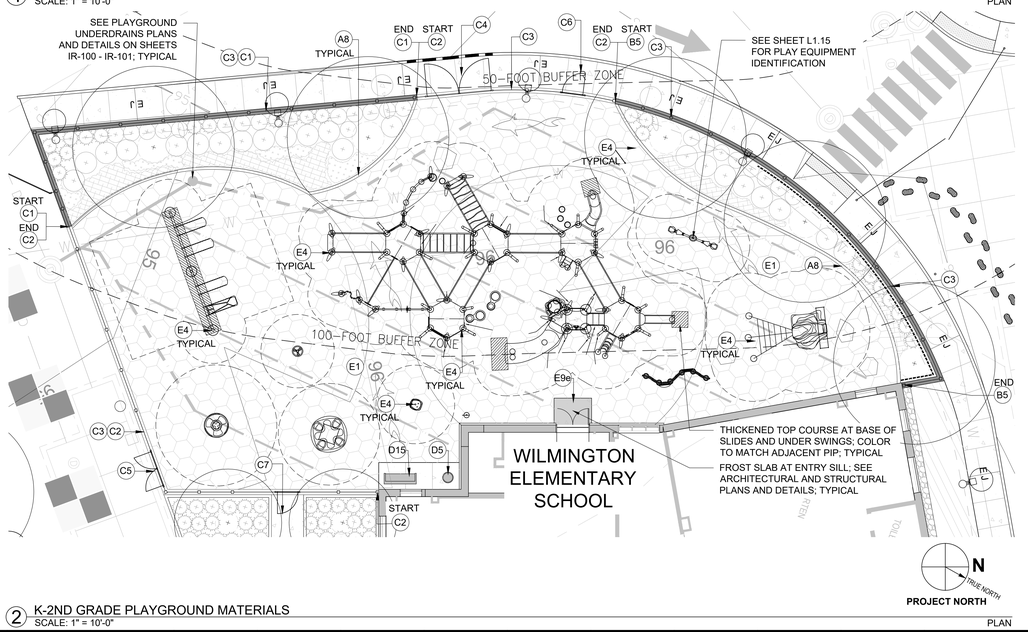




3 K-2ND GRADE PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING
SCALE: NTS
IMAGES



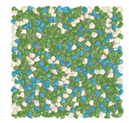
1 K-2ND GRADE PLAYGROUND PLAY SURFACING COLOR
SCALE: 1" = 10'-0"
PLAN



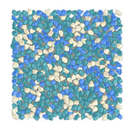
2 K-2ND GRADE PLAYGROUND MATERIALS
SCALE: 1" = 10'-0"
PLAN

PLAY SURFACING (PIP) COLOR LEGEND

% = PERCENT OF COLOR



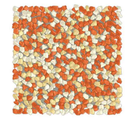
COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN



COLOR B
25% PEARL
25% SKY BLUE
50% TEAL



COLOR C
25% PEARL
25% BEIGE
50% BROWN



COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

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320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

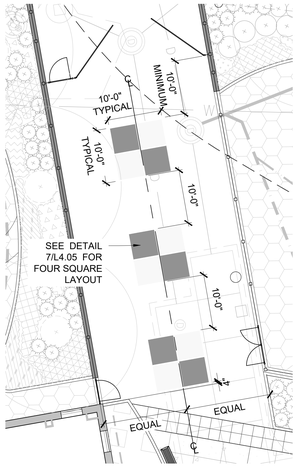
ORIENTATION AND SCALE:
SEE PLANS FOR NORTH ARROW
0 5' 10' 20'
GRAPHIC SCALE
SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - K-2ND GRADE PLAYGROUND

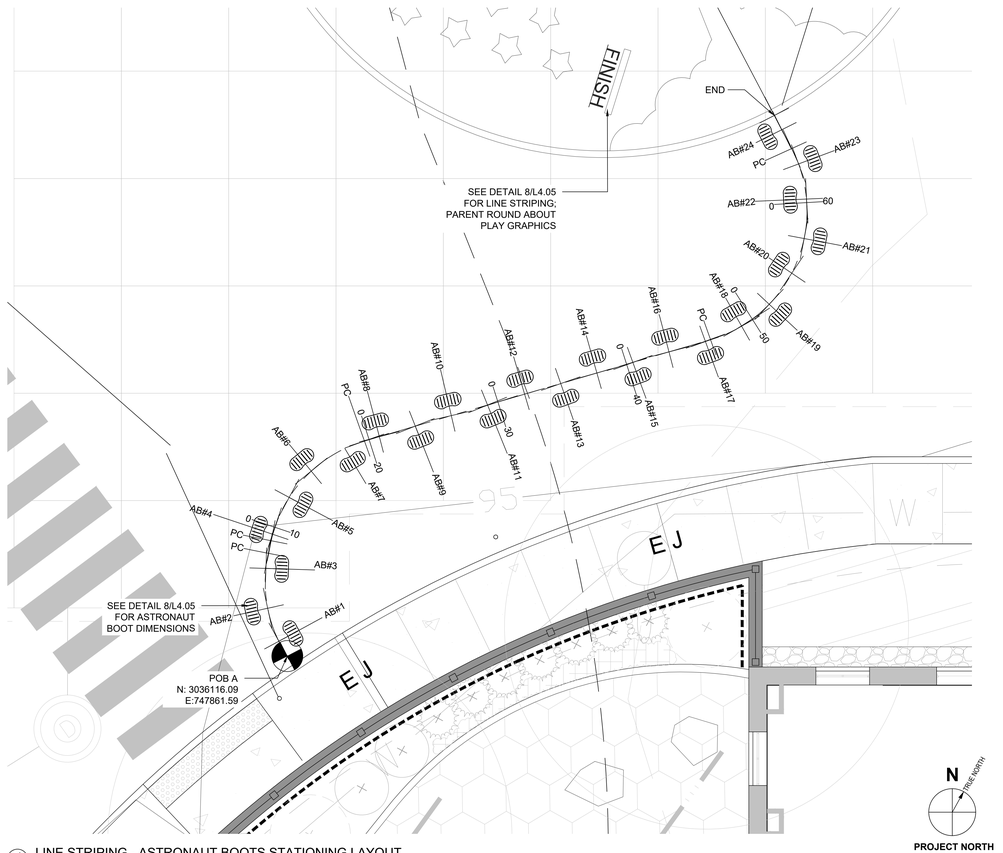
SHEET NUMBER:
L1.03

STATIONING LAYOUT CHART - ASTRONAUT BOOTS POB A

STATION #	DESCRIPTION	NORTHING	EASTING	ARCH RADIUS	LENGTH
0+0	POB A	3036116.09	747861.59	10'-0"	8'-0"
0+1.28	AB #1	3036116.75	747860.51		
0+3.88	AB #2	3036118.50	747858.59		
0+6.86	AB #3	3036121.03	747857.03		
0+8	PC	3036122.10	747856.65		
0+8.96	PC	3036123.03	747856.38	10'-0"	10'-8"
0+9.47	AB #4	3036123.50	747856.25		
0+10		3036124.04	747856.13		
0+12.48	AB #5	3036126.50	747855.99		
0+15.04	AB #6	3036129.01	747856.47		
0+18.07	AB #7	3036131.70	747857.85		
0+19.46	PC	3036132.89	747858.86		
0+20		3036133.15	747859.11		
0+20.79	AB #8	3036133.72	747859.67		
0+23.59	AB #9	3036135.70	747861.63		
0+26.39	AB #10	3036137.69	747863.60		
0+29.20	AB #11	3036139.69	747865.58		
0+30		3036140.26	747866.14		
0+32.08	AB #12	3036141.74	747867.60		
0+34.88	AB #13	3036143.73	747869.57		
0+37.69	AB #14	3036145.73	747871.55		
0+40		3036147.37	747873.17		
0+40.49	AB #15	3036147.72	747873.52		
0+43.29	AB #16	3036149.71	747875.49		
0+46.11	AB #17	3036151.72	747877.47		
0+46.52	PC	3036152.00	747877.76	10'-0"	17'-8"
0+49.05	AB #18	3036154.01	747879.29		
0+50		3036154.85	747879.73		
0+51.68	AB #19	3036156.43	747880.30		
0+54.56	AB #20	3036159.28	747880.64		
0+57.30	AB #21	3036161.98	747880.20		
0+60		3036164.42	747879.07		
0+60.26	AB #22	3036164.64	747878.93		
0+62.95	AB #23	3036166.64	747877.14		
0+64.21	PC	3036167.39	747876.14		
0+65.79	AB #24	3036168.26	747874.81		
0+67	END	3036168.93	747873.81		



3 FOUR-SQUARE LAYOUT
SCALE: 1" = 10'-0"
PLAN



4 LINE STRIPING - ASTRONAUT BOOTS STATIONING LAYOUT
SCALE: 3" = 1'-0"

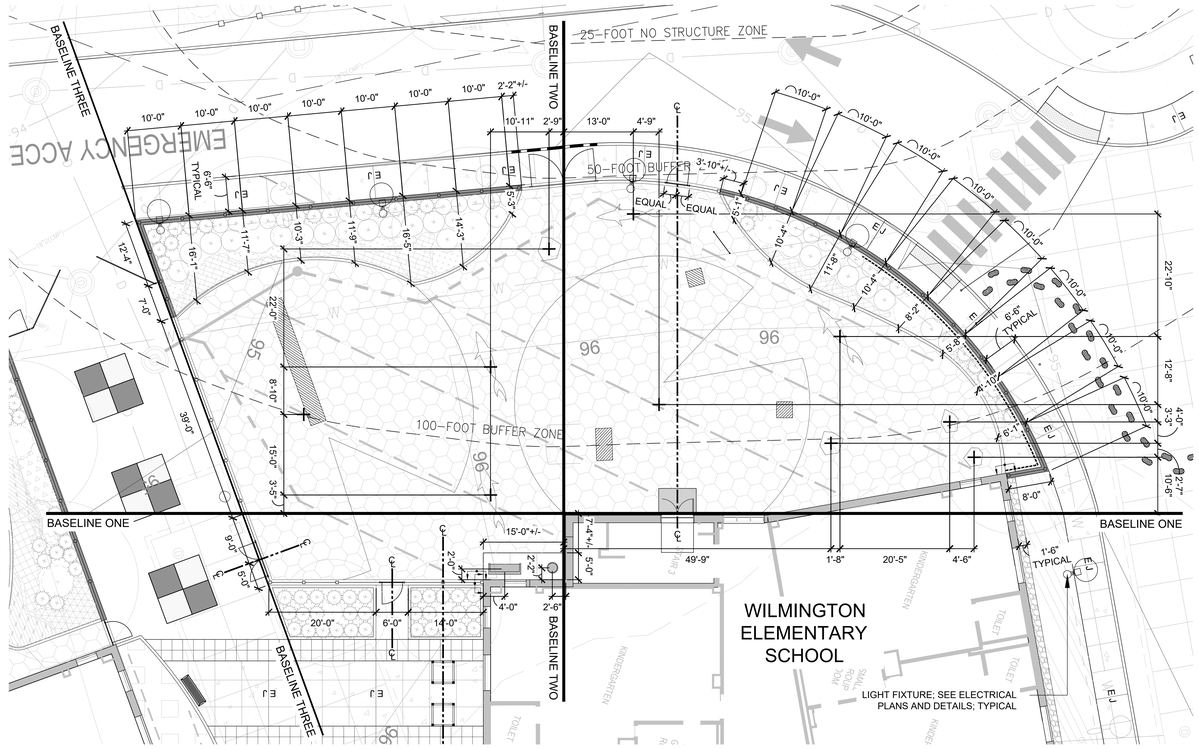
BASELINE DESCRIPTION - SHEET L1.04

BASELINE ONE
ALIGN WITH WESTERN FACE OF BUILDING WITH ACCESS DOOR TO THE K TO 2ND GRADE PLAYGROUND AREA; EXTEND NORTH TOWARDS THE NORTHERN DRIVEWAY AND SOUTH TOWARDS THE PRE-K PLAYGROUND.

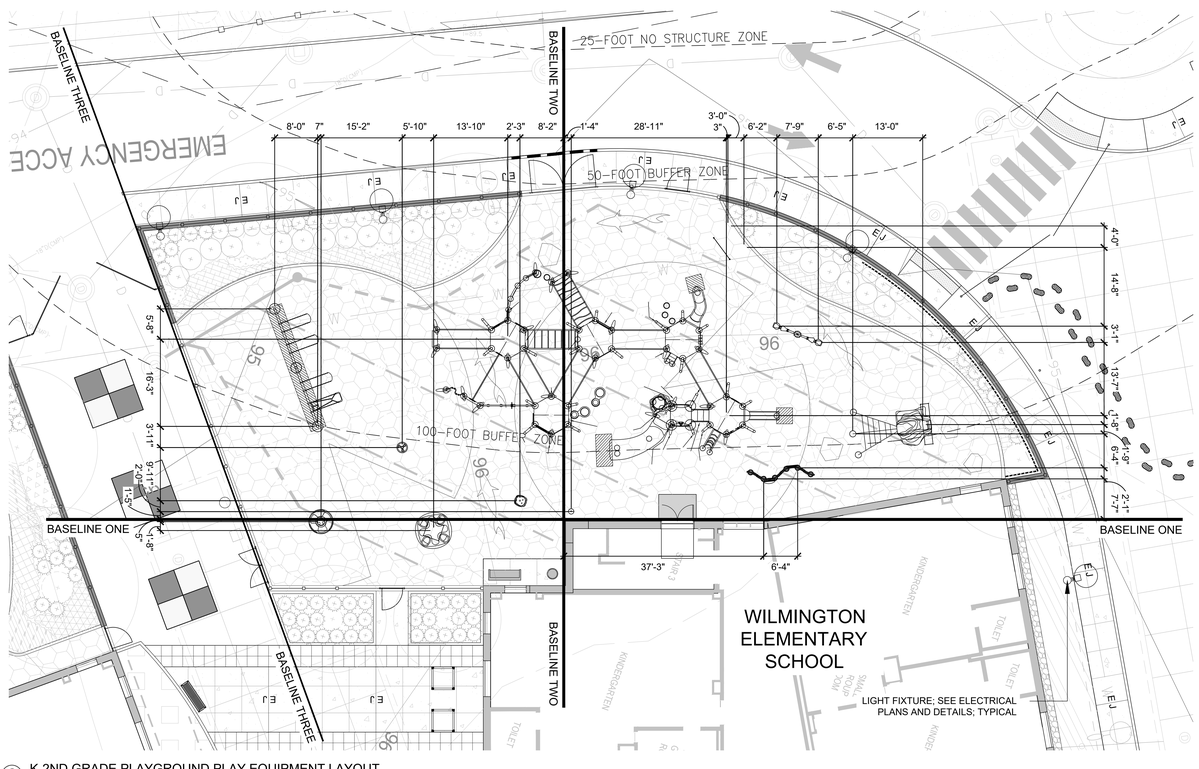
BASELINE TWO
PERPENDICULAR TO BASELINE ONE; ALIGN WITH SOUTHERN FACE OF BUILDING AT THE K TO 2ND GRADE PLAYGROUND AREA; EXTEND WEST TOWARDS THE WESTERN DRIVEWAY AND EAST TOWARDS THE SCHOOL BUILDING.

BASELINE THREE
PERPENDICULAR TO THE NORTHWESTERN FACE OF THE BUILDING LEADING TO THE INTERNAL COURTYARD; OFFSET BASELINE THREE 30'-6" FROM THE NORTHWESTERN FACE OF THE BUILDING; EXTEND SOUTHWEST TOWARDS THE WEST DRIVEWAY AND NORTHEAST TOWRDS THE INTNERTEAL COUNTRYARD AREA.

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND



1 K-2ND GRADE PLAYGROUND SITE FURNISHINGS AND HARDSCAPE LAYOUT
SCALE: 1" = 10'-0"
PLAN



2 K-2ND GRADE PLAYGROUND PLAY EQUIPMENT LAYOUT
SCALE: 1" = 10'-0"
PLAN

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KEY PLAN:

ORIENTATION AND SCALE:

NORTH
0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - K-2ND GRADE PLAYGROUND

SHEET NUMBER:
L1.04

KEY	DETAIL	DESCRIPTION
E12	DETAIL 3/L4.06	SOCCER FIELD LAYOUT
E13	DETAIL 4/L4.06	TURFGRASS ATHLETIC FIELD; SOD LAWN; IRRIGATED AND UNDER DRAINAGE
E14	DETAIL 5/L4.06	TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
E15	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL
E16	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING
E17	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; TRIANGLE SHAPE; 15-FOOT BY 30-FOOT; CONCRETE FOOTING
E18	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
H1	DETAIL 1/L4.07	SOIL CELLS LAYOUT
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS
H3	DETAIL 3/L4.07	TREE GRATE; 5'-0" BY 10'-0"; 16" TREE OPENING; CAST IRON
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE

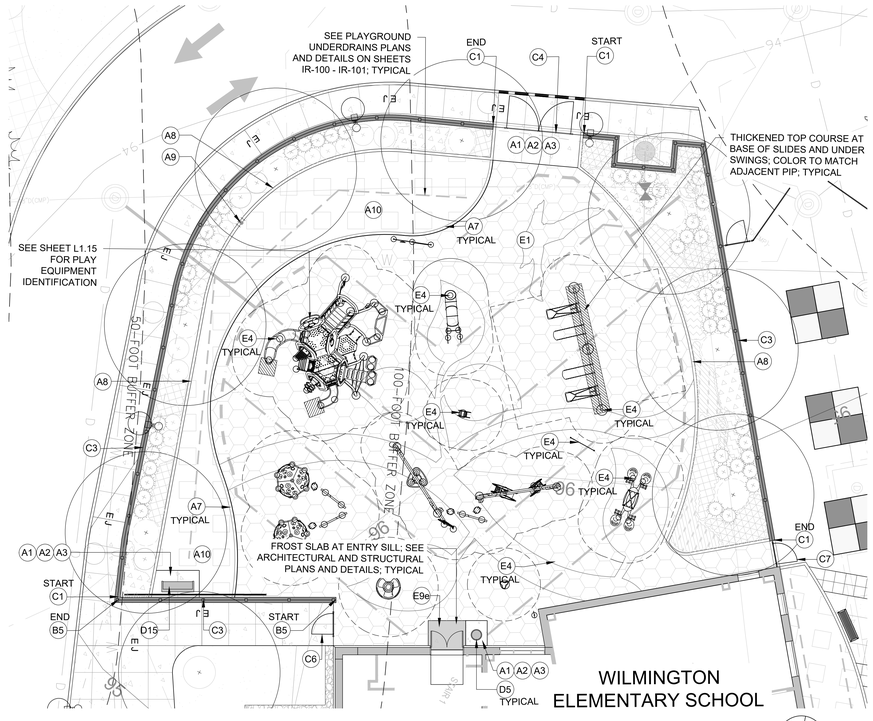
KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)
E6	DETAIL 6/L4.05	LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
E7	DETAIL 7/L4.05	LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
E8	DETAIL 8/L4.05	LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
E9	DETAIL 9/L4.05	ARCHITECTURAL FROST PAD OR BUILDING PILLAR ADJACENT TO VARIOUS MATERIALS
E10	DETAIL 1/L4.06	SOCCER GOAL; FREE-STANDING
E11	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT *SIM. BACKLESS
D13	DETAIL 11/L4.04	MOVABLE SQUARE SEATS; ON CASTERS
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT

KEY	DETAIL	DESCRIPTION
C13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
C14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
C15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
C16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
C21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH
C8	DETAIL 12/L4.02	SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS
A4	DETAIL 4/L4.01	STONE DRIP EDGE; ALUMINUM EDGING
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE
A6	DETAIL 6/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE
A9	DETAIL 9/L4.01	GRANITE CURB; SLUICEWAY CURB CUT
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE



2 PRE-K PLAYGROUND MATERIALS
SCALE: 1" = 10'-0"
PLAN



1 PRE-K PLAYGROUND PLAY SURFACING COLOR
SCALE: 1" = 10'-0"
PLAN





3 PRE-K PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING
SCALE: NTS
IMAGES

SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND

HARDSCAPE PAINTED GAMES COLOR LEGEND

COLOR I: LIGHT BLUE

COLOR J: BIKE LANE GREEN

PLAY SURFACING (PIP) COLOR LEGEND
% = PERCENT OF COLOR

COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN

COLOR B
25% PEARL
25% SKY BLUE
50% TEAL

COLOR C
25% PEARL
25% BEIGE
50% BROWN

COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

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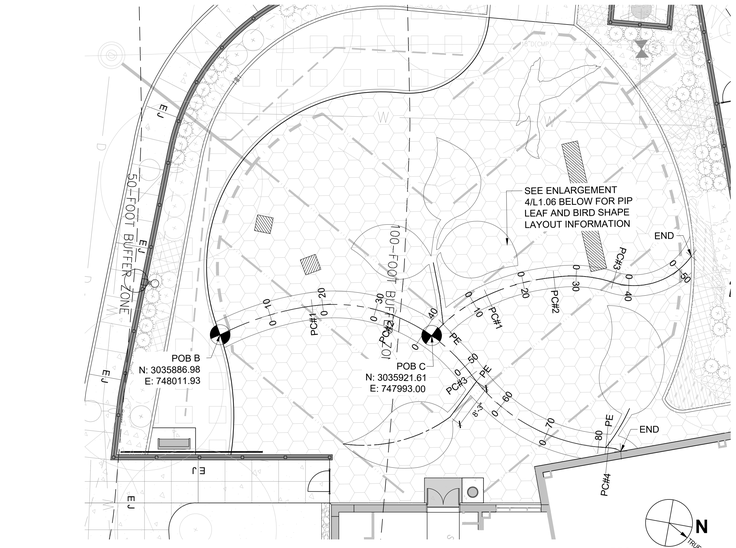
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KEY PLAN

ORIENTATION AND SCALE:
SEE PLANS FOR NORTH ARROW
0 5' 10' 20'
GRAPHIC SCALE
SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - PRE-K PLAYGROUND

SHEET NUMBER:
L1.05



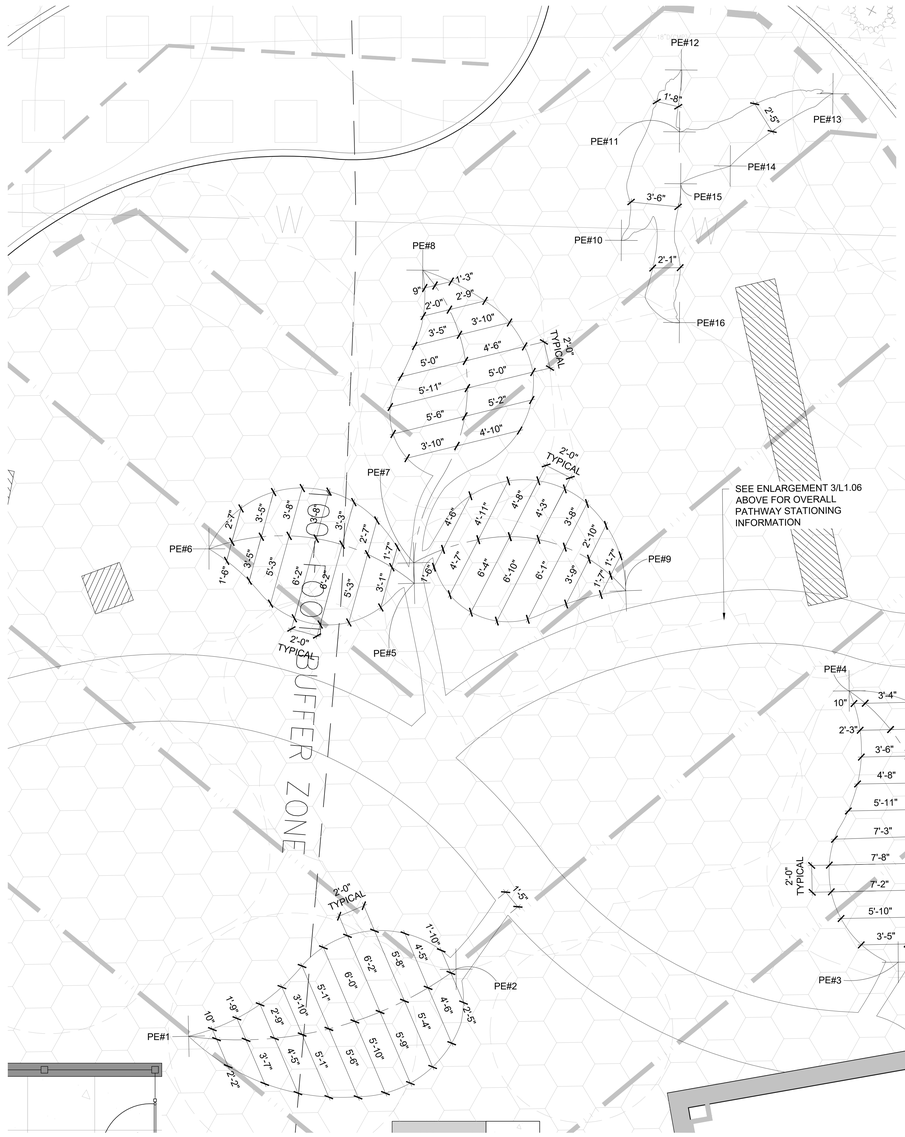
3 PRE-K PLAYGROUND PLAY SURFACING PATTERN STATIONING - OVERALL PATHWAY
SCALE: 1" = 10'-0" PLAN

STATIONING LAYOUT CHART - PIP OVERALL PATHWAY POB B

STATION #	DESCRIPTION	NORTHING	EASTING	ARCH RADIUS	LENGTH
0+0	POB B	3035886.98	748011.93	53'-10"	
0+10		3035893.30	748004.20		
0+18	PC #1	3035899.36	747998.92	30'-7"	15'-7"
0+20		3035900.96	747997.80		
0+30		3035910.07	747993.78		
0+33.64	PC #2	3035913.64	747993.08	32'-8"	18'-4"
0+40		3035919.98	747992.86		
0+00	PI - POB #2	3035921.61	747993.00		
0+50		3035929.71	747994.98		
0+52.04	PC #3	3035931.60	747995.78	33'-3"	29'-10"
0+53.54	PE - LEAF	3035932.97	747996.37		
0+60		3035939.15	747998.21		
0+70		3035949.11	747998.62		
0+80		3035958.73	747996.06		
0+81.38	PE - LEAF	3035960.01	747995.47		
0+81.88	PC #4	3035960.44	747995.26	4'-11"	2'-5"
0+84.32	END	3035962.79	747994.73		

STATIONING LAYOUT CHART - PIP OVERALL PATHWAY POB C

STATION #	DESCRIPTION	NORTHING	EASTING	ARCH RADIUS	LENGTH
0+0	PI - POB C	3035921.61	747993.00	27'-3"	12'-10"
0+3.03	PE - LEAF	3035922.36	747990.06		
0+10		3035925.27	747983.75		
0+12.84	PC #1	3035926.90	747981.42	38'-5"	13'-0"
0+20		3035931.64	747976.07		
0+25.84	PC #2	3035936.19	747972.42	23'-5"	11'-2"
0+30		3035939.68	747970.18		
0+37.02	PC #3	3035946.30	747967.90	13'-2"	16'-5"
0+40		3035949.12	747966.97		
0+50		3035955.83	747959.88		
0+53.41	END	3035956.67	747956.58		

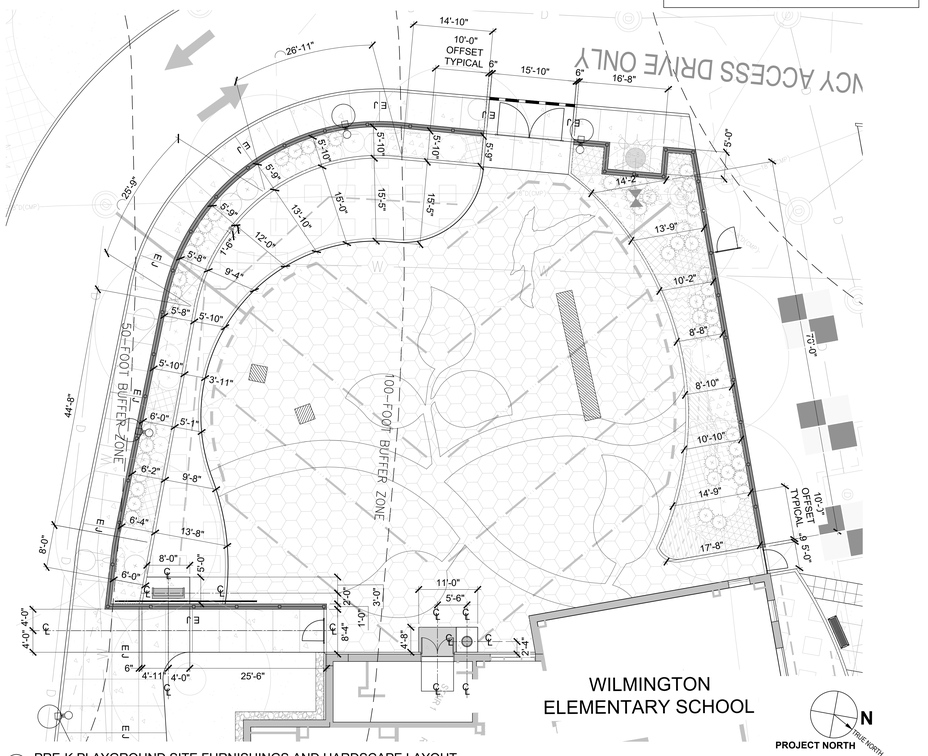


4 PRE-K PLAYGROUND PLAY SURFACING PATTERN LAYOUT - LEAF AND BIRD SHAPES
SCALE: 3" = 1'-0" PLAN

STATIONING LAYOUT CHART - PIP LEAF AND BIRD END POINTS

STATION #	DESCRIPTION	NORTHING	EASTING
N/A	PE#1	3035916.85	748018.61
N/A	PE#2	3035931.86	748004.57
N/A	PE#3	3035960.44	747988.13
N/A	PE#4	3035947.43	747972.23
N/A	PE#5	3035915.20	747980.93
N/A	PE#6	3035900.57	747986.10
N/A	PE#7	3035914.42	747979.60
N/A	PE#8	3035904.43	747960.21
N/A	PE#9	3035929.25	747973.77
N/A	PE#10	3035916.30	747951.09
N/A	PE#11	3035916.17	747941.92
N/A	PE#12	3035914.05	747937.82
N/A	PE#13	3035924.80	747933.89
N/A	PE#14	3035920.71	747942.30
N/A	PE#15	3035918.12	747945.25
N/A	PE#16	3035923.06	747954.35

SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND



1 PRE-K PLAYGROUND SITE FURNISHINGS AND HARDSCAPE LAYOUT
SCALE: 1" = 10'-0" PLAN

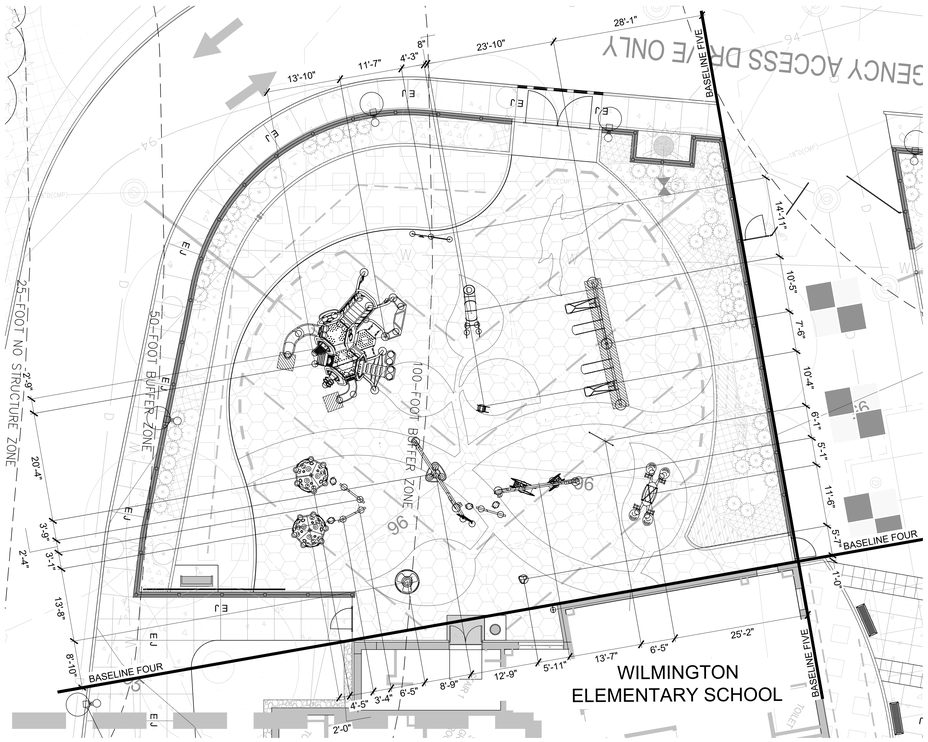
BASELINE DESCRIPTION

BASELINE FOUR

ALIGN WITH THE SOUTHWEST FACING FACADE; EXTENDING NORTHWEST AND SOUTHEAST.

BASELINE FIVE

ALIGN WITH THE NORTHWEST FACING INNER FAÇADE AT COURTYARD; EXTENDING NORTHEAST AND SOUTHWEST TOWARD THE EMERGENCY DRIVE AISLE AND COURTYARD.



2 PRE-K PLAYGROUND PLAY EQUIPMENT LAYOUT
SCALE: 1" = 10'-0" PLAN

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - PRE-K PLAYGROUND

SHEET NUMBER:
L1.06

POINT OF BEGINNING DESCRIPTION - SHEET L1.07

POINT OF BEGINNING (POB) D
N: 3036087.79 / E: 748111.17 BUILDING CORNER NORTH OF ACCESS DOOR INTO COURTYARD AREA.

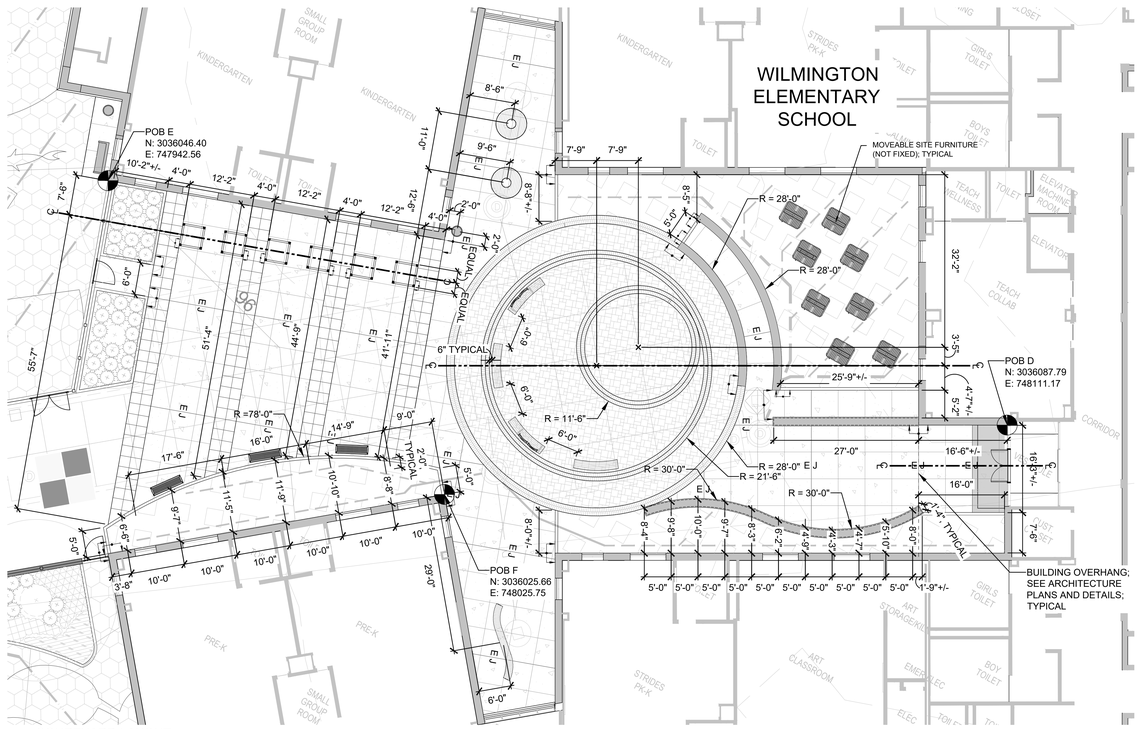
POINT OF BEGINNING (POB) E
N: 3036046.40 / E: 747942.56 BUILDING CORNER WITHIN THE COURTYARD NORTHWEST OF THE CIRCULAR PAVER PLAZA.

POINT OF BEGINNING (POB) F
N: 3036025.66 / E: 748025.75 BUILDING CORNER WITHIN THE COURTYARD SOUTHWEST OF THE CIRCULAR PAVER PLAZA.

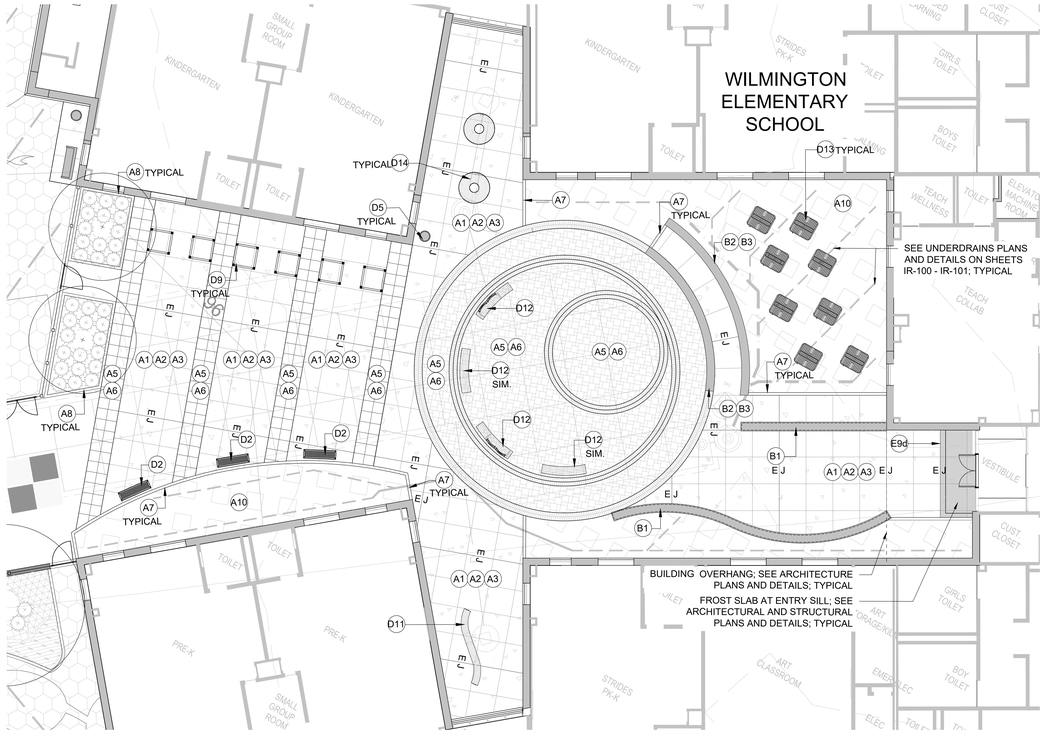
POINT OF BEGINNING (POB) G
N: 3036038.97 / E: 748255.07 BUILDING CORNER AT THE SOUTH SIDE OF THE SOUTH FACING ENTRY.

POINT OF BEGINNING (POB) H
N: 3036012.11 / E: 748181.16 BUILDING CORNER AT THE NORTHEAST CORNER OF THE PRE-K MAIN ENTRANCE DOOR.

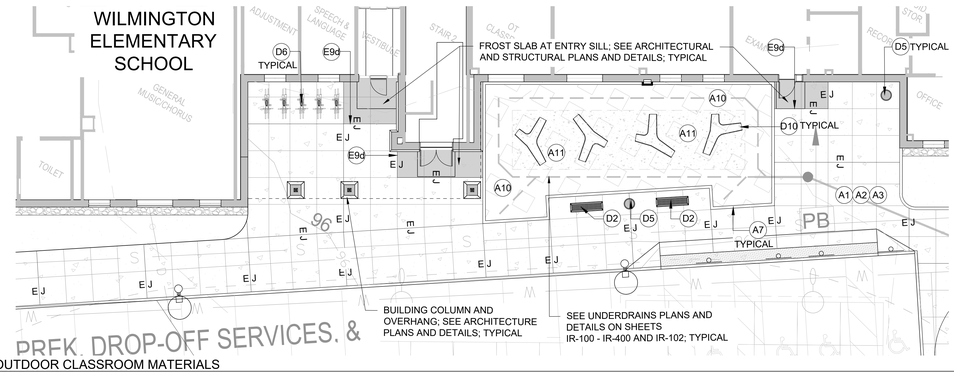
SEE SHEET L1.00 FOR MATERIAL KEYS, NOTES, AND LEGEND



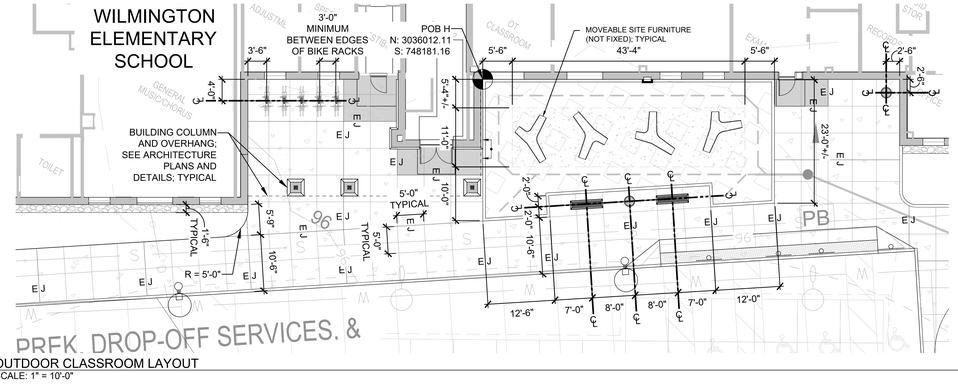
4 COURTYARD LAYOUT
SCALE: 1" = 10'-0"
PLAN



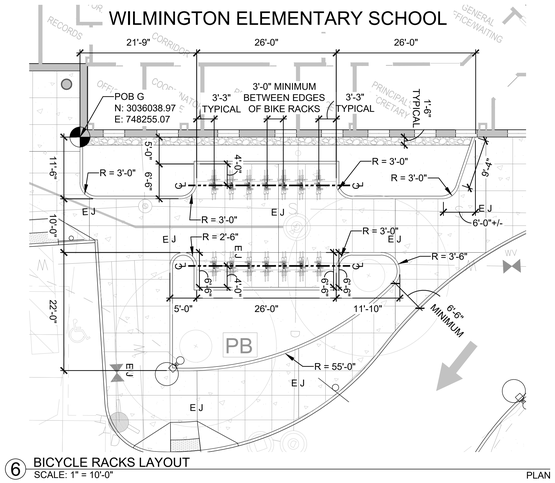
1 COURTYARD MATERIALS
SCALE: 1" = 10'-0"
PLAN



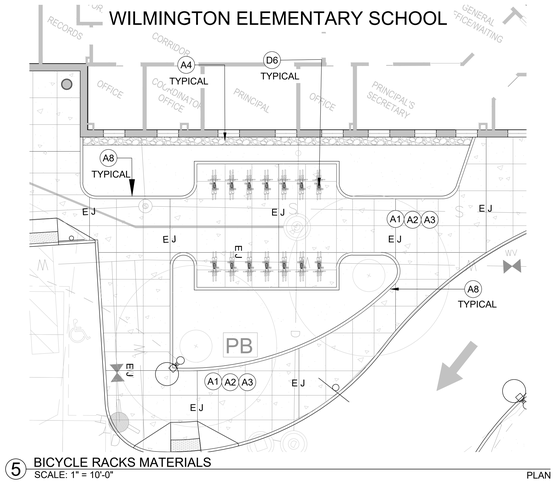
2 OUTDOOR CLASSROOM MATERIALS
SCALE: 1" = 10'-0"
PLAN



3 OUTDOOR CLASSROOM LAYOUT
SCALE: 1" = 10'-0"
PLAN



6 BICYCLE RACKS LAYOUT
SCALE: 1" = 10'-0"
PLAN



5 BICYCLE RACKS MATERIALS
SCALE: 1" = 10'-0"
PLAN

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - COURTYARD AND OUTDOOR CLASSROOM

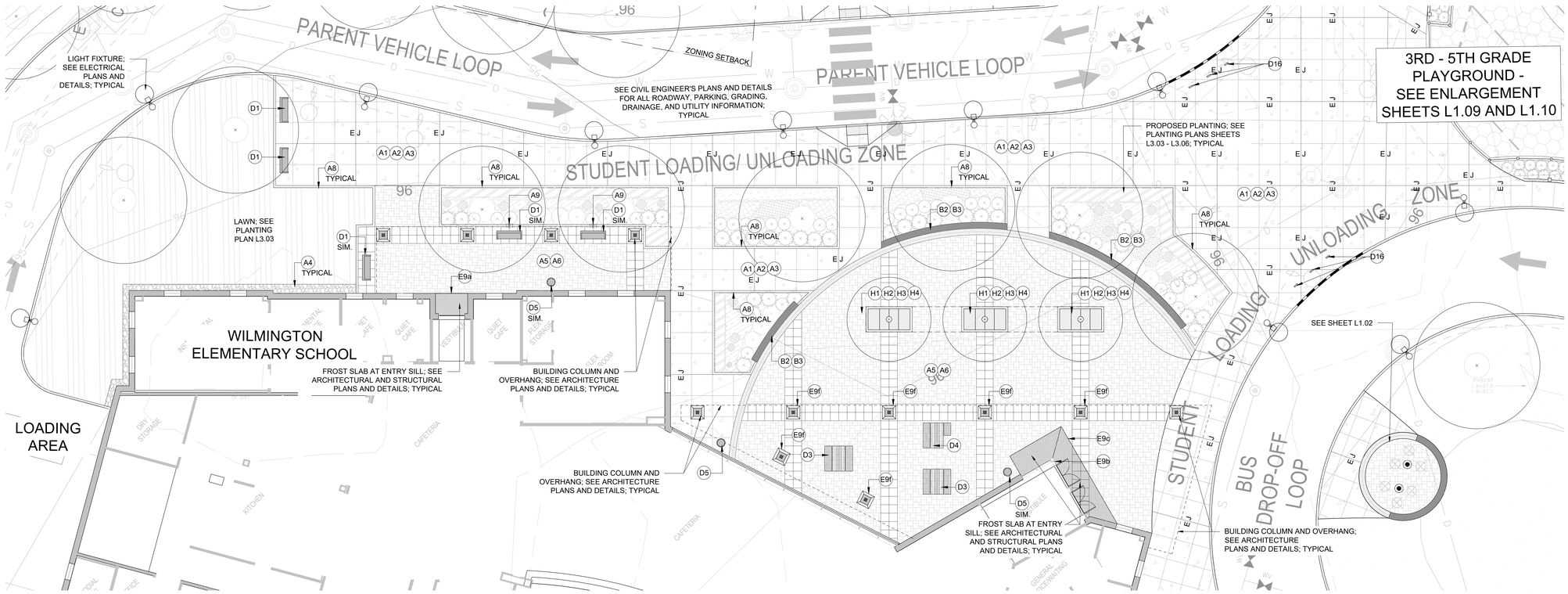
SHEET NUMBER:
L1.07

BASELINE DESCRIPTION - SHEET L1.08

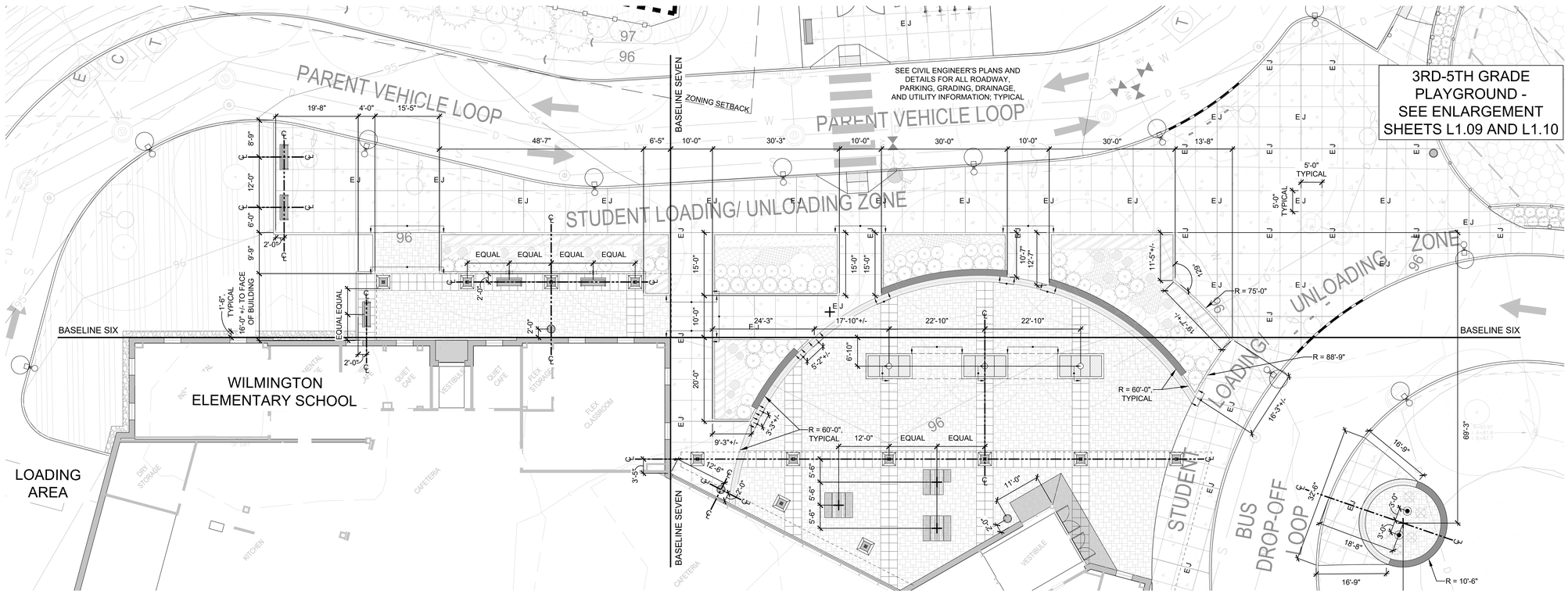
BASELINE SIX
ALIGN WITH NORTHEAST FACING BUILDING FAÇADE, EXTEND NORTHWEST TO SOUTHEAST.

BASELINE SEVEN
PERPENDICULAR TO BASELINE SIX; EXTEND NORTHEAST TOWARDS NORTH BASKETBALL COURTS AND SOUTHWEST TOWARDS THE SCHOOL BUILDING.

SEE SHEET L1.00 FOR MATERIALS KEY LIST, NOTES AND LEGENDS



1 ARRIVAL COURT PLAZA MATERIALS
SCALE: 1" = 10'-0"



2 ARRIVAL COURT PLAZA LAYOUT
SCALE: 1" = 10'-0"

PROJECT NORTH
PLAN

DORE + WHITTIER

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

GRAPHIC SCALE 0 5' 10' 20'

SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - ARRIVAL COURT PLAZA

SHEET NUMBER:
L1.08

KEY	DETAIL	DESCRIPTION
E12	DETAIL 3/L4.06	SOCCER FIELD LAYOUT
E13	DETAIL 4/L4.06	TURFGRASS ATHLETIC FIELD; SOD LAWN; IRRIGATED AND UNDER DRAINAGE
E14	DETAIL 5/L4.06	TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
E15	DETAIL 6/L4.06	DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE-DRILLED INTO MODULAR BLOCK RETAINING WALL
E16	DETAIL 7/L4.06	SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CONCRETE FOOTING
E17	DETAIL 8/L4.06	SHADE STRUCTURE; METAL; TRIANGLE SHAPE; 15-FOOT BY 30-FOOT; CONCRETE FOOTING
E18	DETAIL 9/L4.05	BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
H1	DETAIL 1/L4.07	SOIL CELLS LAYOUT
H2	DETAIL 2/L4.07	SOIL CELLS SECTIONS
H3	DETAIL 3/L4.07	TREE GRATE; 5'-0" BY 10'-0"; 16" TREE OPENING; CAST IRON
H4	DETAIL 4/L4.07	CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE

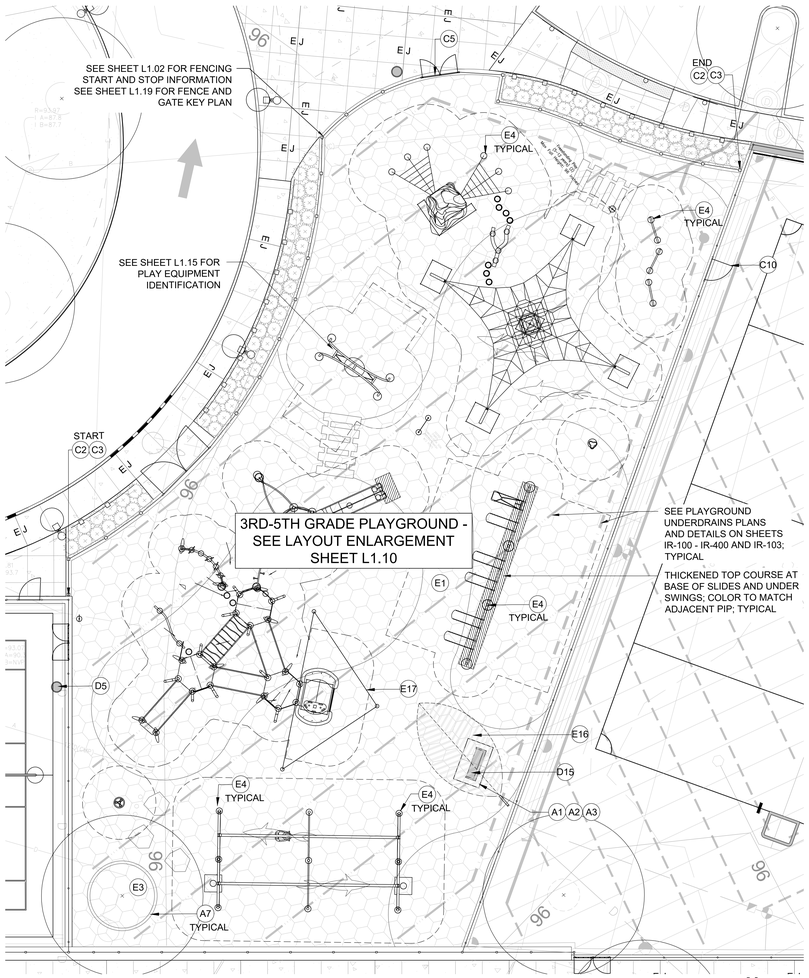
KEY	DETAIL	DESCRIPTION
D16	DETAIL 14/L4.04	COLLAPSIBLE BOLLARD
E1	DETAIL 1/L4.05	POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
E2	DETAIL 2/L4.05	POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
E3	DETAIL 3/L4.05	FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
E4	DETAIL 4/L4.05	PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
E5	DETAIL 5/L4.05	BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP1)
E6	DETAIL 6/L4.05	LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
E7	DETAIL 7/L4.05	LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
E8	DETAIL 8/L4.05	LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
E9	DETAIL 9/L4.05	ARCHITECTURAL FROST PAD OR BUILDING PILLAR ADJACENT TO VARIOUS MATERIALS
E10	DETAIL 1/L4.06	SOCCER GOAL; FREE-STANDING
E11	DETAIL 2/L4.06	PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING

KEY	DETAIL	DESCRIPTION
D4	DETAIL 2/L4.04	TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET
D5	DETAIL 3/L4.04	LITTER RECEPTACLE; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D6	DETAIL 4/L4.04	BICYCLE RACK; SURFACE MOUNT
D7	DETAIL 5/L4.04	FLAGPOLE; ALUMINUM, INTERNAL HALYARD, ENGINEERED FOOTING
D8	DETAIL 6/L4.04	PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD
D9	DETAIL 7/L4.04	RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD
D10	DETAIL 8/L4.04	FREE-FORM BENCH; FREE-STANDING
D11	DETAIL 9/L4.04	SCULPTURAL BENCH; SURFACE MOUNT
D12	DETAIL 10/L4.04	CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT *SIM. BACKLESS
D13	DETAIL 11/L4.04	MOVABLE SQUARE SEATS; ON CASTERS
D14	DETAIL 12/L4.04	CIRCULAR BENCH; SURFACE MOUNT
D15	DETAIL 13/L4.04	BUDDY BENCH; SURFACE MOUNT

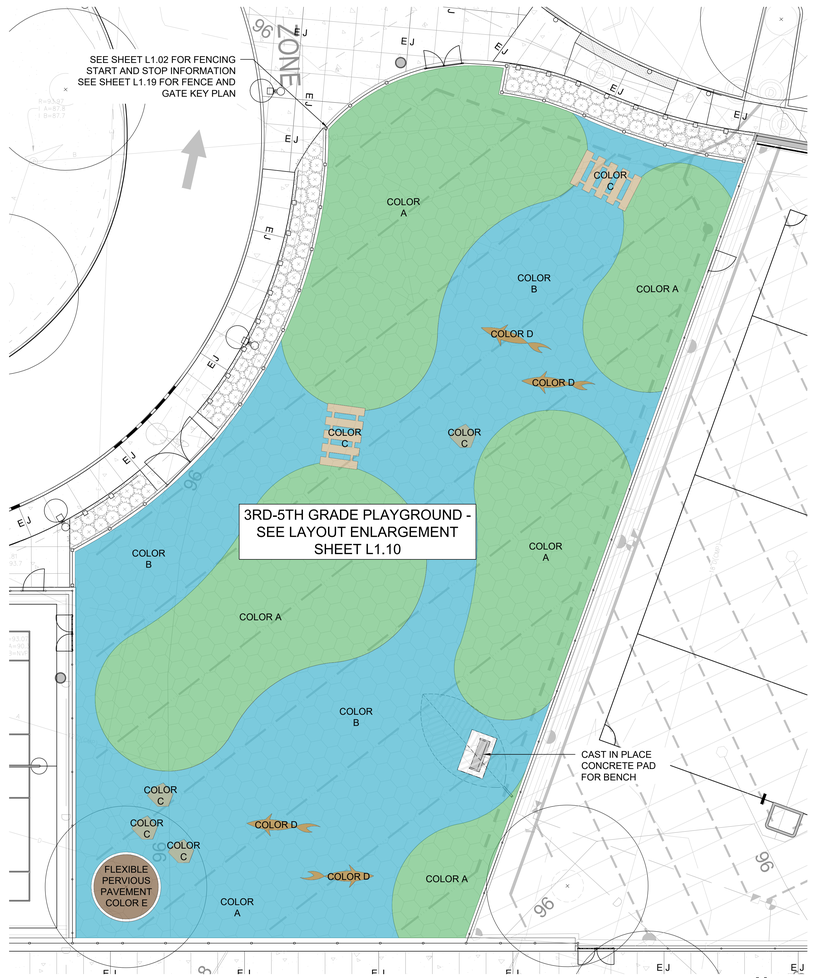
KEY	DETAIL	DESCRIPTION
C13	DETAIL 3/L4.03	CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
C14	DETAIL 4/L4.03	CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
C15	DETAIL 5/L4.03	CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
C16	DETAIL 6/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C17	DETAIL 7/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C18	DETAIL 8/L4.03	VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C19	DETAIL 9/L4.03	STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
C20	DETAIL 10/L4.03	WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
C21	DETAIL 11/L4.03	UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
D1	DETAIL 12/L4.03	BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT *SIM. WITH PAVER MOUNT BRACKET
D2	DETAIL 13/L4.03	BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
D3	DETAIL 1/L4.04	TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET

KEY	DETAIL	DESCRIPTION
C1	DETAIL 5/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED
C2	DETAIL 6/L4.02	CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH
C3	DETAIL 7/L4.02	DECORATIVE METAL FENCE; 4'-0" HIGH.; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
C4	DETAIL 8/L4.02	DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH
C5	DETAIL 9/L4.02	DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH
C6	DETAIL 10/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE
C7	DETAIL 11/L4.02	DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH
C8	DETAIL 12/L4.02	SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH
C9	DETAIL 13/L4.02	CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP
C10	DETAIL 14/L4.02	CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH
C11	DETAIL 1/L4.03	CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE-SWING AND 12' WIDE DOUBLE SWING
C12	DETAIL 2/L4.03	CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP

KEY	DETAIL	DESCRIPTION
A1	DETAIL 1/L4.01	CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR
A2	DETAIL 2/L4.01	CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR
A3	DETAIL 3/L4.01	CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS
A4	DETAIL 4/L4.01	STONE DRIP EDGE; ALUMINUM EDGING
A5	DETAIL 5/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE
A6	DETAIL 6/L4.01	CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN
A7	DETAIL 7/L4.01	CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE
A8	DETAIL 8/L4.01	VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE
A9	DETAIL 9/L4.01	GRANITE CURB; SLUICEWAY CURB CUT
A10	DETAIL 10/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE
A11	DETAIL 11/L4.01	SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD
A12	DETAIL 12/L4.01	INTENTIONALLY OMITTED
B1	DETAIL 13/L4.01	MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER
B2	DETAIL 1/L4.02	GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING
B3	DETAIL 2/L4.02	GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT
B4	DETAIL 3/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE
B5	DETAIL 4/L4.02	CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE



2 3RD GRADE-5TH GRADE PLAYGROUND MATERIALS
SCALE: 1" = 10'-0"
PLAN



1 3RD GRADE-5TH GRADE PLAYGROUND PLAY SURFACING COLOR
SCALE: 1" = 10'-0"
PLAN



3 3RD GRADE-5TH GRADE PLAYGROUND EQUIPMENT IMAGES TO SHOW INTENT FOR PRICING
SCALE: NTS
IMAGES

SEE SHEET L1.00 FOR MATERIAL NOTES AND LEGEND

PLAY SURFACING (PIP) COLOR LEGEND
% = PERCENT OF COLOR

COLOR A
25% PEARL
25% TEAL
50% BRIGHT GREEN

COLOR B
25% PEARL
25% SKY BLUE
50% TEAL

COLOR C
25% PEARL
25% BEIGE
50% BROWN

COLOR D
25% PEARL
25% EGGSHELL
50% ORANGE

COLOR E - FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
100% MID BROWN

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KEY PLAN

ORIENTATION AND SCALE:
SEE PLANS FOR NORTH ARROW
0 5' 10' 20'
GRAPHIC SCALE
SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - 3RD AND 5TH GRADE PLAYGROUND

SHEET NUMBER:
L1.09

BASELINE DESCRIPTION - SHEET L1.10

BASELINE EIGHT
ALIGN WITH THE SOUTHWEST EDGE OF THE CONCRETE MOW STRIP LOCATED BETWEEN THE SOCCER FIELD AND PLAYGROUND AREA, EXTEND NORTHWEST TO SOUTHEAST.

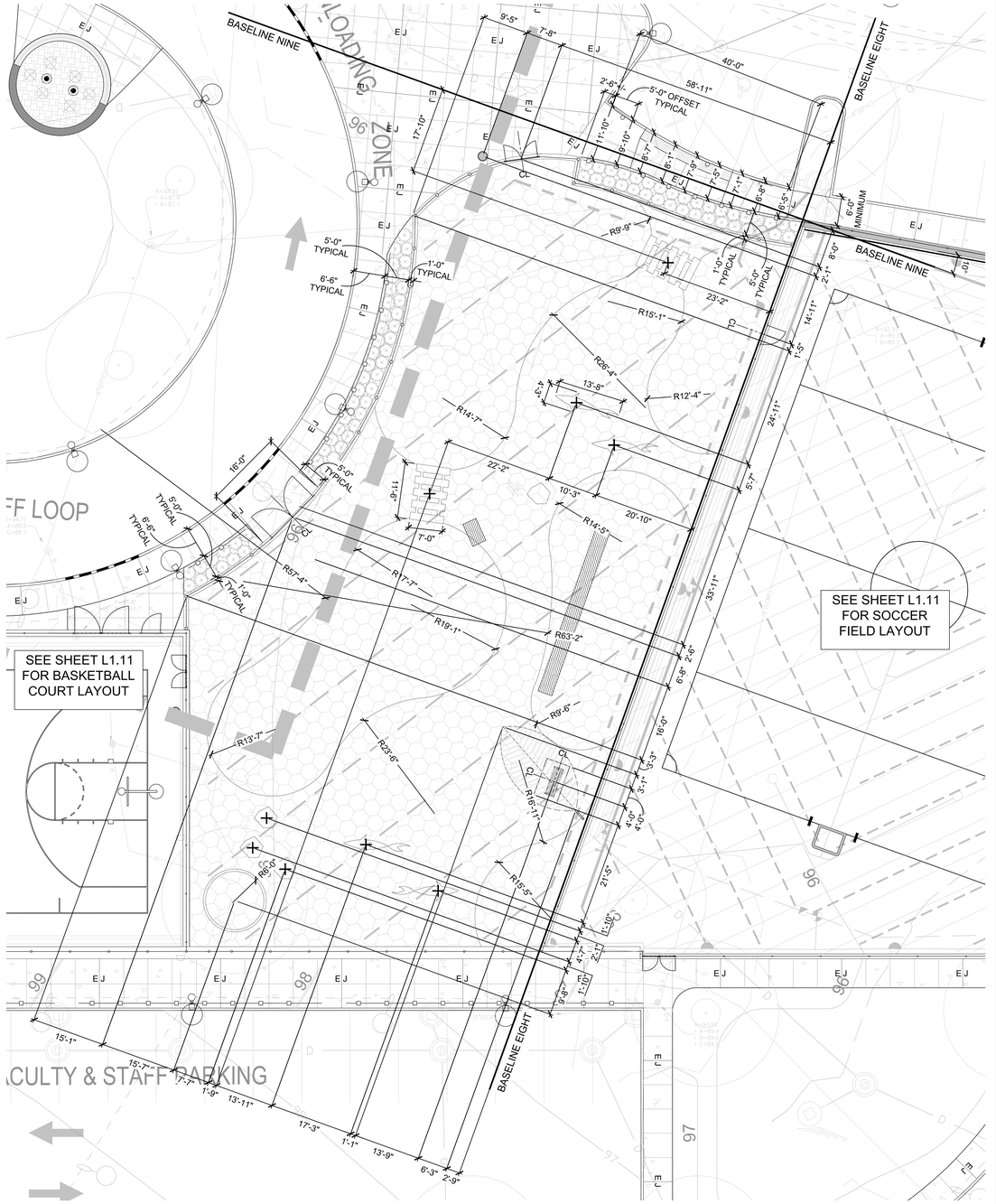
BASELINE NINE
PERPENDICULAR TO BASELINE EIGHT; EXTEND SOUTHWEST TOWARDS THE BUS DROP-OFF LOOP.

SEE SHEET L1.00 FOR MATERIALS KEY LIST, NOTES AND LEGENDS



2 3RD GRADE-5TH GRADE PLAYGROUND PLAY EQUIPMENT LAYOUT
SCALE: 1" = 10'-0"

PLAN



1 3RD GRADE-5TH GRADE PLAYGROUND SITE FURNISHINGS AND HARDSCAPE LAYOUT
SCALE: 1" = 10'-0"

PLAN

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

NORTH

0 5' 10' 20'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - 3RD AND 5TH GRADE PLAYGROUND

SHEET NUMBER:
L1.10

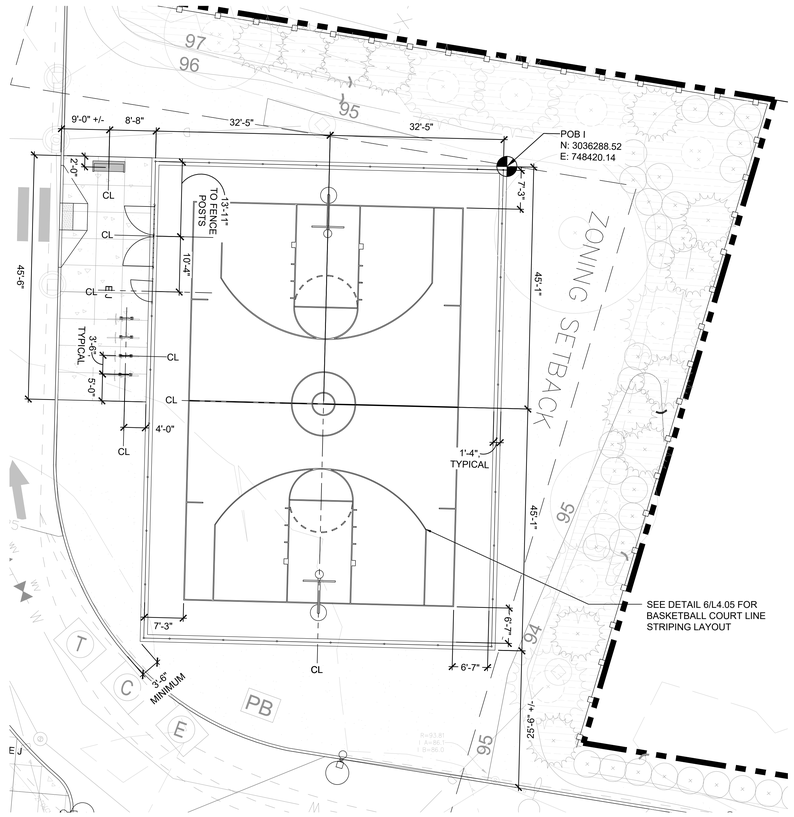
BASELINE DESCRIPTION - SHEET L1.11

BASELINE TEN
ALIGN WITH THE SOUTHERN PARKING LOT'S NORTHERN VEHICULAR CURB, EXTEND NORTHEAST TO SOUTHWEST.

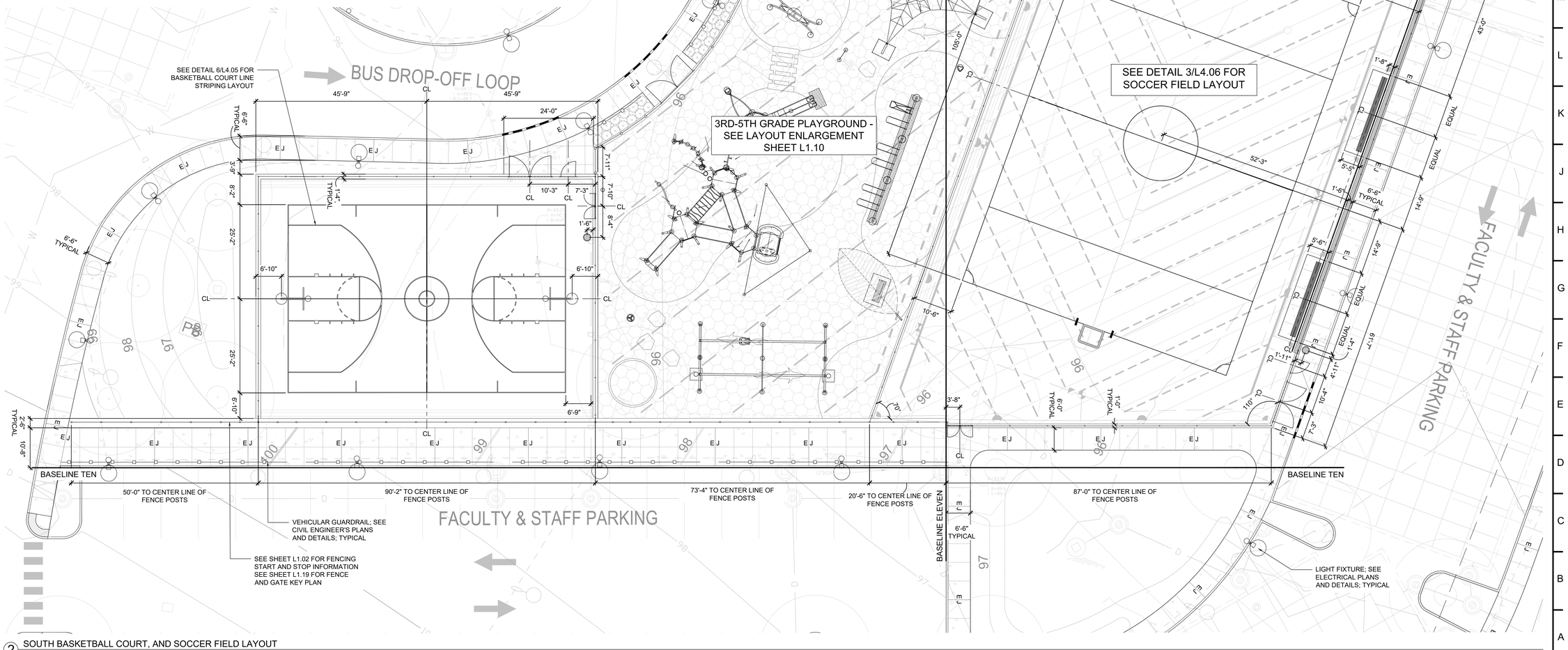
BASELINE ELEVEN
PERPENDICULAR TO BASELINE TEN; ALIGN WITH THE SOUTHERN PARKING LOT'S EASTERN VEHICULAR CURB, EXTEND NORTHWEST TOWARDS THE MAIN ENTRY PLAZA.

POINT OF BEGINNING (POB) I.
N: 3036288.52 / E: 748420.14 NORTHERN CORNER OF NORTHERN BASKETBALL COURT.

SEE SHEET L1.00 FOR MATERIALS KEY LIST, NOTES AND LEGENDS



1 NORTH BASKETBALL COURT LAYOUT
SCALE: 1" = 10'-0" PLAN



2 SOUTH BASKETBALL COURT, AND SOCCER FIELD LAYOUT
SCALE: 1" = 10'-0" PLAN

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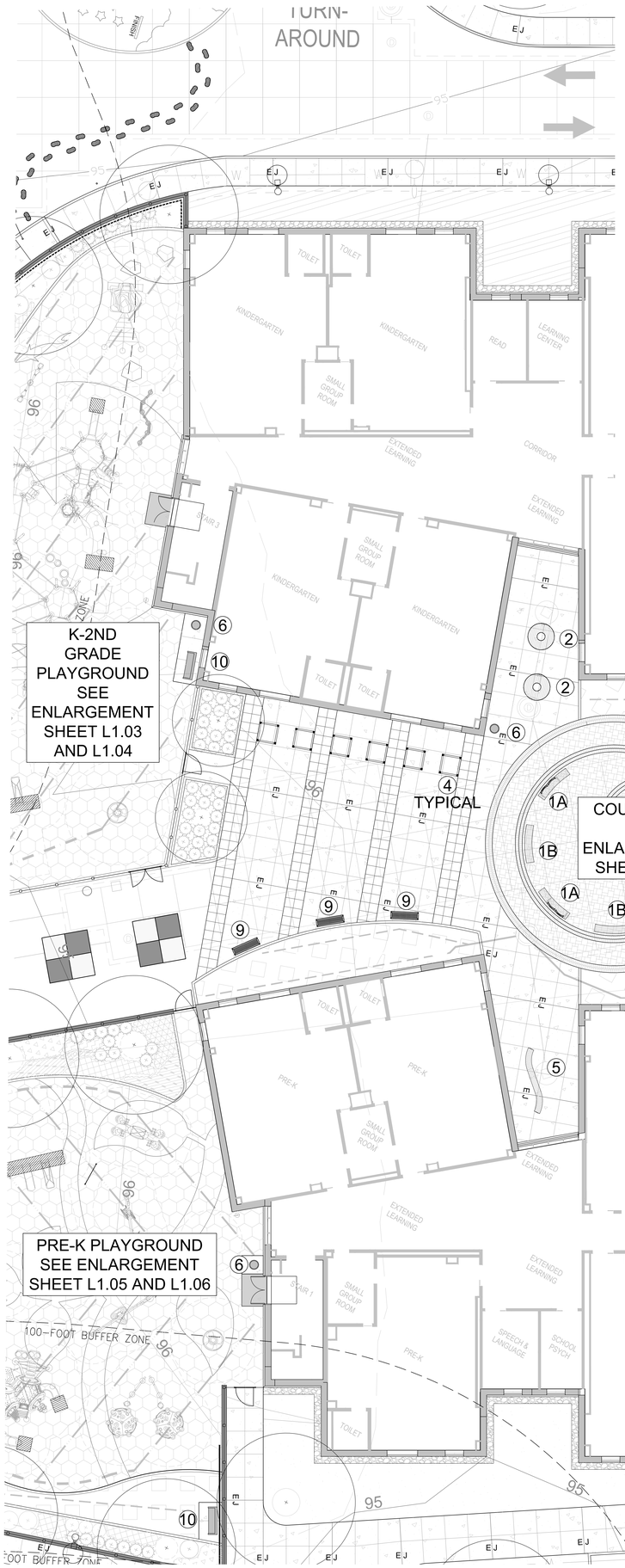
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KEY PLAN

ORIENTATION AND SCALE:
NORTH
0 5' 10' 20'
GRAPHIC SCALE
SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - SOUTHERN AND NORTHERN BASKETBALL COURTS AND SOCCER FIELD

SHEET NUMBER:
L1.11



WILMINGTON ELEMENTARY SCHOOL



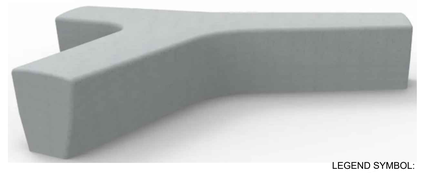
11 GRANITE SLAB MONOLITHIC BENCH
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



12 MASONRY PANEL SYSTEM SEATWALL
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE

SITE FURNISHING NOTES:

1. REFER TO DETAIL SHEETS AND SPECIFICATIONS FOR PRODUCT DATA AND INSTALLATION INFORMATION.
2. IMAGES SHOWN TO ASSIST IN IDENTIFYING TYPE OF FURNISHING, COLOR/FINISH INTENT ONLY.
3. CHARACTER SHEET DOES NOT SHOW ALL SITE FURNISHINGS. REFER TO MATERIALS PLANS FOR FINAL SITE FURNISHING QUANTITIES.



8 FREE-FORM BENCH; FREE STANDING
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



9 BACKLESS BENCH; WITH ARMS; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



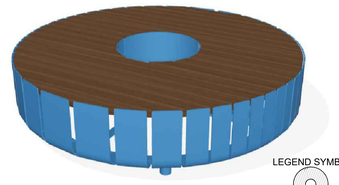
10 BUDDY BENCH; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



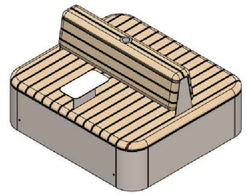
1A CURVED BENCH WITH BACK; PAVER MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



1B CURVED BENCH BACKLESS; PAVER MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



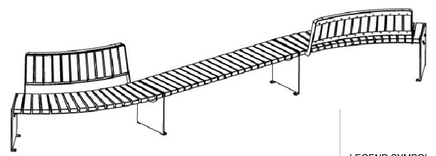
2 CIRCULAR BENCH; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



3 MOVEABLE SQUARE SEATS; ON CASTERS
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



4 RAISED GARDEN BED; ADA COMPLIANT; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



5 SCULPTURAL BENCH; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



6 LITTER RECEPTACLE; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE



7 BICYCLE RACK; SURFACE MOUNT
SCALE: N.T.S.
LEGEND SYMBOL: SYMBOL/IMAGE

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: 1" = 10'-0"

SHEET TITLE:
SITE FURNISHINGS - WEST

SHEET NUMBER:
L1.12

WILMINGTON ELEMENTARY SCHOOL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

BUILDING COLUMN AND OVERHANG; SEE ARCHITECTURE PLANS AND DETAILS; TYPICAL

PARENT VEHICLE LOOP

STUDENT LOADING/ UNLOADING ZONE

PARENT VEHICLE LOOP

PROPERTY LINE

#24 BALLARDVALE STREET
N/F
SEAN KENNEY AND
KAREN KENNEY
BOOK 32640 PAGE 13
PLAN BOOK 78 PAGE 458
PID: 97//67//

ZONING SETBACK

NORTH BASKETBALL COURT
SEE ENLARGEMENT
SHEET L1.11

5 TYPICAL

ARRIVAL COURT PLAZA
SEE ENLARGEMENT
SHEET L1.08

BICYCLE RACKS
SEE ENLARGEMENT
SHEET L1.07

5 TYPICAL

STUDENT LOADING/ UNLOADING ZONE

BUS DROP-OFF LOOP

PB

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

3RD-5TH GRADE PLAYGROUND
SEE ENLARGEMENT
SHEET L1.10

SOCCER FIELD
SEE ENLARGEMENT
SHEET L1.11

SITE FURNISHING NOTES:

1. REFER TO DETAIL SHEETS AND SPECIFICATIONS FOR PRODUCT DATA AND INSTALLATION INFORMATION.
2. IMAGES SHOWN TO ASSIST IN IDENTIFYING TYPE OF FURNISHING, COLOR/FINISH INTENT ONLY.
3. CHARACTER SHEET DOES NOT SHOW ALL SITE FURNISHINGS. REFER TO MATERIALS PLANS FOR FINAL SITE FURNISHING QUANTITIES.



LEGEND SYMBOL:

1 BACKED BENCH; WITH ARMS SURFACE MOUNT (1A) AND PAVER MOUNT (1B)
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

2 TABLE WITH INTEGRAL SEATS; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

3 TABLE WITH INTEGRAL SEATS; ADA; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

4 BUDDY BENCH; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

5 BICYCLE RACK; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

6 LITTER RECEPTACLE; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

7 BASKETBALL HOOP AND POST; CONCRETE FOOTING
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

8 GRANITE SLAB MONOLITHIC BENCH
SCALE: N.T.S. SYMBOL/IMAGE

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: 1" = 10'-0"

SHEET TITLE:
SITE FURNISHINGS - NORTHEAST

SHEET NUMBER:
L1.13

DROP-OFF LOOP

LOADING ZONE

BUS DROP-OFF LOOP

3RD-5TH GRADE PLAYGROUND SEE ENLARGEMENT SHEET L1.09 AND L1.10

SOCCER FIELD

SOCCER FIELD - SEE ENLARGEMENT SHEET L1.07

LIGHT FIXTURE; SEE ELECTRICAL PLANS AND DETAILS; TYPICAL

SOUTH BASKETBALL COURT - SEE ENLARGEMENT SHEET L1.07

PB

FACULTY & STAFF PARKING

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

SITE FURNISHING NOTES:

1. REFER TO DETAIL SHEETS AND SPECIFICATIONS FOR PRODUCT DATA AND INSTALLATION INFORMATION.
2. IMAGES SHOWN TO ASSIST IN IDENTIFYING TYPE OF FURNISHING, COLOR/FINISH INTENT ONLY.
3. CHARACTER SHEET DOES NOT SHOW ALL SITE FURNISHINGS. REFER TO MATERIALS PLANS FOR FINAL SITE FURNISHING QUANTITIES.



LEGEND SYMBOL:

① PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

② LITTER RECEPTACLE; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

③ BASKETBALL HOOP AND POST; CONCRETE FOOTING
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

④ SOCCER GOAL; FREE-STANDING
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

⑤ SHADE STRUCTURE; CONCRETE FOOTINGS
SCALE: N.T.S. SYMBOL/IMAGE



LEGEND SYMBOL:

⑥ BUDDY BENCH; SURFACE MOUNT
SCALE: N.T.S. SYMBOL/IMAGE

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 5' 10' 20' GRAPHIC SCALE

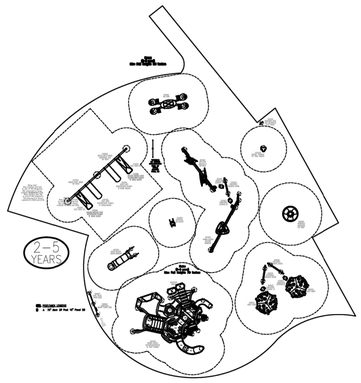
PROJECT NORTH SCALE: 1" = 10'-0"

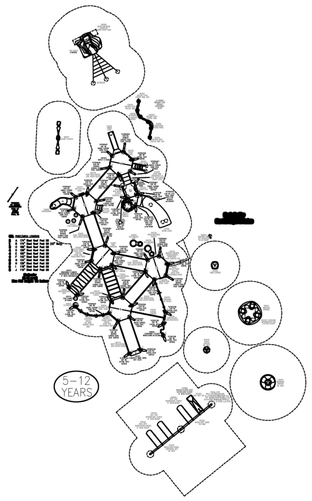
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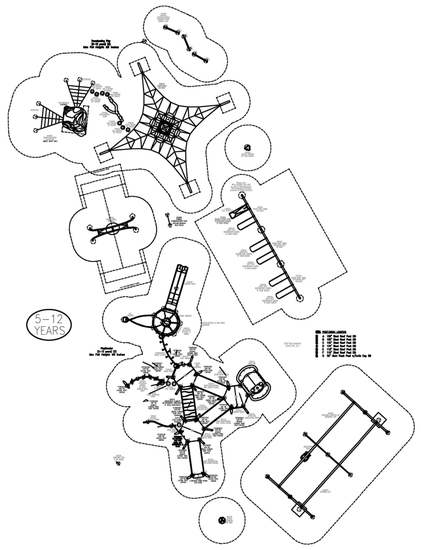
SITE FURNISHINGS - SOUTHEAST

SHEET NUMBER:

L1.14







2-5 YEARS

TOTAL ELEVATED PLAY COMPONENTS 12
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP 0 REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER 7 REQUIRED 6
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN 26 REQUIRED 4
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS 15 REQUIRED 15

5-12 YEARS

TOTAL ELEVATED PLAY COMPONENTS 21
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP 18 REQUIRED 11
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER 0 REQUIRED 0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN 18 REQUIRED 7
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS 10 REQUIRED 10

5-12 YEARS

TOTAL ELEVATED PLAY COMPONENTS 11
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP 8 REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER 0 REQUIRED 0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN 28 REQUIRED 4
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS 10 REQUIRED 10

SCALE IN FEET: 0 5 10' 20' 40'

Willmington Elementary School

Willmington, MA

M.E. O'Brien & Sons, Inc.

Joe Amore

SYSTEM TYPE:
PB, PS, HD, FA, IND

DRAWING #:
1207505-01-03

ISO 14001:2015 CERTIFIED

ISO 9001:2015 Certified

landscape structures

IT IS THE MANUFACTURERS OPINION AND INTENT THAT THE USE AND LAYOUT OF THESE COMPONENTS CONFORM TO THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD ASTM F2373

THIS LAYOUT INCLUDES FITNESS EQUIPMENT FOR USERS OVER 1400MM. IT IS THE MANUFACTURERS OPINION AND INTENT THAT THE USE AND LAYOUT OF THESE COMPONENTS CONFORM WITH THE EUROPEAN STANDARD, EN 16630

THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES 5-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 8 CURRENT REVISION). THE SUBSURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A "FRENCH DRAIN".

ACCESSIBLE/PROTECTIVE SURFACING TO BE A COMBINATION OF UNITARY AND LOOSE FILL MATERIALS.

IT IS THE MANUFACTURER'S OPINION AND INTENT THAT THE LAYOUT OF THESE COMPONENTS CONFORM WITH THE U.S. CONSUMER PRODUCT SAFETY COMMISSION'S (CPSC) "HANDBOOK FOR PUBLIC PLAYGROUND SAFETY"

DESIGNED BY:
DJP

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LANDSCAPE STRUCTURES, INC.
601 7th STREET SOUTH - P.O. BOX 198
DELANO, MINNESOTA 55328
PH: 1-800-328-0035 FAX: 1-763-972-6091

Date	Previous Drawing #	Initials
5/4/26	1207505-01-01	DJP
5/19/26	1207505-01-02	DJP

1 PLAYGROUND EQUIPMENT
SCALE: NTS
PLAN



PRE-K PLAYGROUND

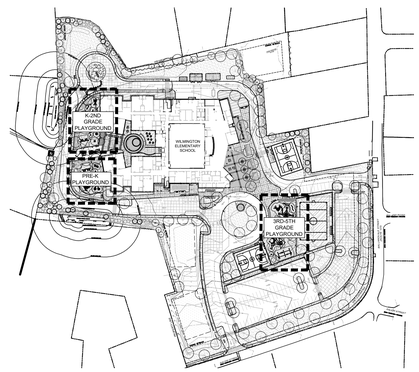


K-2ND GRADE PLAYGROUND



3RD-5TH GRADE PLAYGROUND

2 PLAYGROUND EQUIPMENT RENDERINGS
SCALE: NTS
IMAGES



LOCUS PLAN
SCALE: 1" = 150'-0"
PLAN

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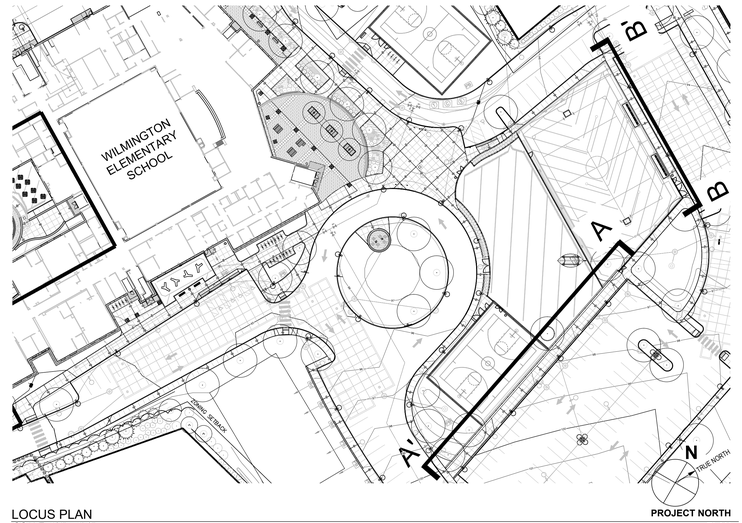
KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: AS SHOWN

SHEET TITLE:
PLAYGROUND EQUIPMENT

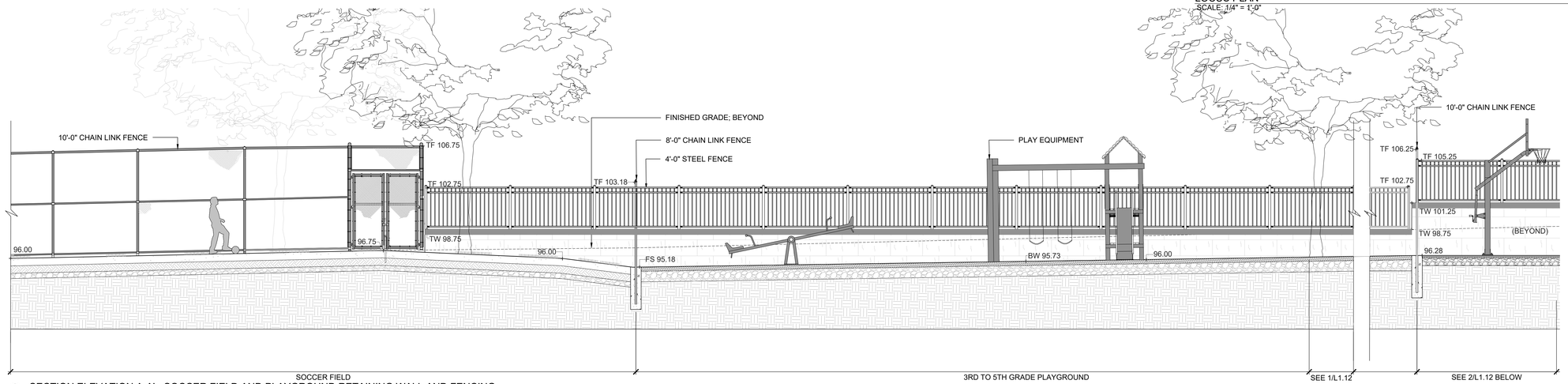
SHEET NUMBER:
L1.15



LOCUS PLAN
SCALE: 1/4" = 1'-0"

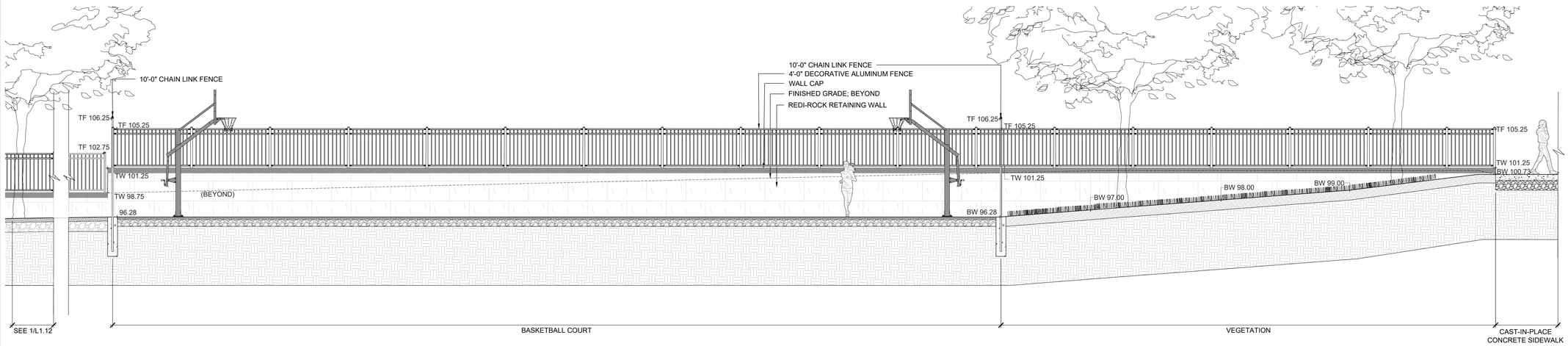
PROJECT NORTH

PLAN



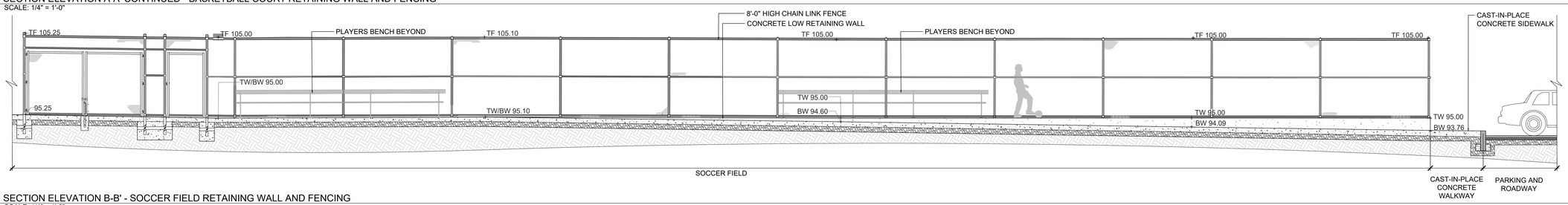
1 SECTION ELEVATION A-A' - SOCCER FIELD AND PLAYGROUND RETAINING WALL AND FENCING
SCALE: 1/4" = 1'-0"

SECTION



2 SECTION ELEVATION A-A' CONTINUED - BASKETBALL COURT RETAINING WALL AND FENCING
SCALE: 1/4" = 1'-0"

SECTION



3 SECTION ELEVATION B-B' - SOCCER FIELD RETAINING WALL AND FENCING
SCALE: 1/4" = 1'-0"

SECTION

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

PROJECT NORTH AS INDICATED

SHEET TITLE:

SECTION ELEVATIONS - SOUTHERN BASKETBALL COURT AND EASTERN SOCCER FIELD EDGES

SHEET NUMBER:

L1.16

PAVER STONE SCHEDULE - BAND A - CENTRAL COURTYARD

KEY	DIMENSIONS	QTY.	NOTES
BA-1	2-3/8" THICK 	101 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FOSSIL SOLDIER COURSE EDGE; ROUNDED
BA-2	2-3/8" THICK 	197 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FOSSIL SOLDIER COURSE EDGE; ROUNDED
BA-3	2-3/8" THICK 	211 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: DARK CHARCOAL SOLDIER COURSE EDGE; ROUNDED

PAVER STONE SCHEDULE - BAND A - FLAG POLE

KEY	DIMENSIONS	QTY.	NOTES
BA-4	2-3/8" THICK 	46 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: DARK CHARCOAL SOLDIER COURSE EDGE; ROUNDED

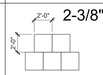
PAVER STONE SCHEDULE - BAND A - ARRIVAL COURT

KEY	DIMENSIONS	QTY.	NOTES
BA-5	2-3/8" THICK 	224 SF	CONCRETE UNIT PAVER (ONE PIECE) COLOR: DARK CHARCOAL SOLDIER COURSE EDGE; ROUNDED

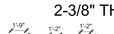
PAVER STONE SCHEDULE - BAND B - CENTRAL COURTYARD

KEY	DIMENSIONS	QTY.	NOTES
BA-6	2-3/8" THICK 	168 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-7	2-3/8" THICK 	177 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-8	2-3/8" THICK 	202 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-9	2-3/8" THICK 	246 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED

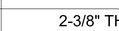
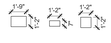
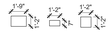
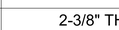
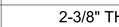
PAVER STONE SCHEDULE - BAND B - ARRIVAL COURT

KEY	DIMENSIONS	QTY.	NOTES
BA-10	2-3/8" THICK 	362 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-11	2-3/8" THICK 	1011 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-12	2-3/8" THICK 	52 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-13	2-3/8" THICK 	68 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED
BA-14	2-3/8" THICK 	48 SF	CONCRETE UNIT PAVER (ONE PIECE); TWO ROWS COLOR: FRENCH GREY SOLDIER COURSE EDGE; ROUNDED

PAVER STONE SCHEDULE - CENTRAL COURTYARD FIELD A

KEY	DIMENSIONS	QTY.	NOTES
PA-1	2-3/8" THICK 	315 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-2	2-3/8" THICK 	841 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-3	2-3/8" THICK 	754 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED

PAVER STONE SCHEDULE - ARRIVAL COURT FIELD A

KEY	DIMENSIONS	QTY.	NOTES
PA-4	2-3/8" THICK 	151 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-5	2-3/8" THICK 	732 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-6	2-3/8" THICK 	64 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-7	2-3/8" THICK 	90 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-8	2-3/8" THICK 	536 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-9	2-3/8" THICK 	694 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-10	2-3/8" THICK 	685 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-11	2-3/8" THICK 	562 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-12	2-3/8" THICK 	131 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-13	2-3/8" THICK 	616 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-14	2-3/8" THICK 	456 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-15	2-3/8" THICK 	230 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED
PA-16	2-3/8" THICK 	400 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED

PAVER STONE SCHEDULE - FLAG POLE FIELD A

KEY	DIMENSIONS	QTY.	NOTES
PA-17	2-3/8" THICK 	254 SF	CONCRETE UNIT PAVER RANDOM BUNDLE (3 PIECES) COLOR: SUMMER WHEAT EDGE: ROUNDED

STONE MASONRY PANEL WALL SYSTEM

KEY	DIMENSIONS	QTY.	NOTES
NSW-1	LINEAR LENGTH: 27'-4"	1	NEW ENGLAND FIELDSTONE (ROUND) WALL WITH GRANITE CAP
NSW-2	LINEAR LENGTH: 51'-4" RADIUS: 30'-2" RADIUS: 29'-10"	1	NEW ENGLAND FIELDSTONE (ROUND) WALL WITH GRANITE CAP

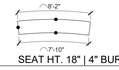
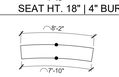
SIZES ARE NOMINAL - ASSUME 3/8" JOINT
• INDICATES EXPOSED FACE
* CUT IN FIELD

NOTE:
1. ALL SHOP TICKETS FOR STONE FABRICATION TO BE SUBMITTED TO THE CLIENT'S REPRESENTATIVE FOR APPROVAL PRIOR TO ANY FABRICATION AT THE QUARRY.
2. TERRAINK LEGEND IS FOR CONTRACTOR REFERENCE. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL STONE DIMENSIONAL SIZES AND QUANTITIES.

WALL CAP STONE SCHEDULE

KEY	DIMENSIONS	QTY.	NOTES
WC-1	 2" THICK	2	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-2	 2" THICK	10	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-3	 2" THICK	1	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-4	 2" THICK	1	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-5	 2" THICK	3	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-6	 2" THICK	2	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS
WC-7	 2" THICK	1	GRANITE; CHELMSFORD WHITE BRUSHED TOP; ROCK FACE AND EXPOSED EDGES SAWN JOINTS AND BOTTOMS

GRANITE MONOLITH SLAB SEATWALL SCHEDULE

KEY	DIMENSIONS	QTY.	NOTES
SW-1	 SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-2	 SEAT HT. 18" | 4" BURIED	2	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-3	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-4	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-5	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-6	SEAT HT. 18" | 4" BURIED	2	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-7	SEAT HT. 18" | 4" BURIED	2	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-8	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-9	SEAT HT. 18" | 4" BURIED	2	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-10	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-11	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-12	SEAT HT. 18" | 4" BURIED	3	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-13	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-14	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-15	SEAT HT. 18" | 4" BURIED	2	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-16	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES
SW-17	SEAT HT. 18" | 4" BURIED	1	GRANITE; CHELMSFORD WHITE 1" BULLNOSE; THERMAL-BRUSHED TOP THERMAL FACES SAWN BOTTOM AND SIDES

SIZES ARE NOMINAL - ASSUME 3/8" JOINT
• INDICATES EXPOSED FACE
* CUT IN FIELD

NOTES:
1. ALL SHOP TICKETS FOR STONE FABRICATION TO BE SUBMITTED TO THE CLIENT'S REPRESENTATIVE FOR APPROVAL PRIOR TO ANY FABRICATION AT THE QUARRY.
2. TERRAINK LEGEND IS FOR CONTRACTOR REFERENCE. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL STONE DIMENSIONAL SIZES AND QUANTITIES.
3. SEATWALL HEIGHTS VARY; SEE GRADING PLANS; STONE TO HAVE 4" MINIMUM COVER.
4. ALL JOINTS SHALL BE FINISHED WITH GRANITE DUST SHAVINGS AS SUPPLIED BY GRANITE USED FOR SEATWALLS.

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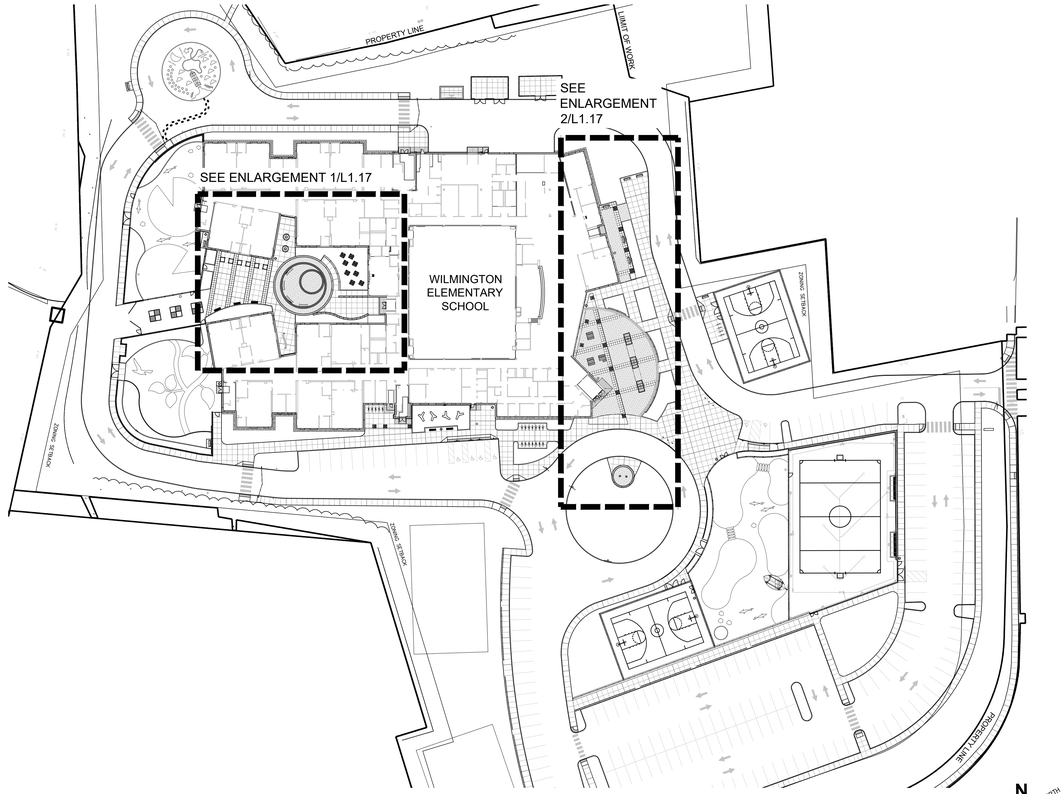
KEY PLAN

ORIENTATION AND SCALE:

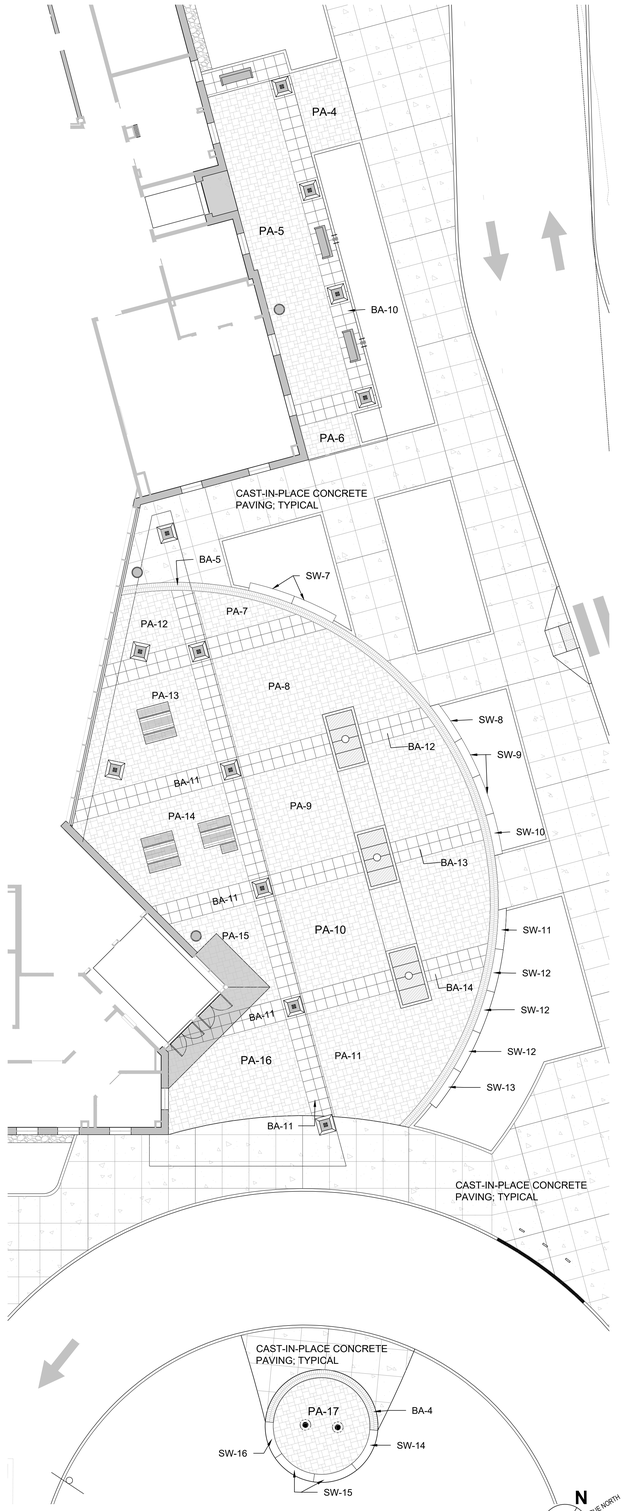
AS INDICATED

SHEET TITLE:
STONE SCHEDULE

SHEET NUMBER:
L1.17

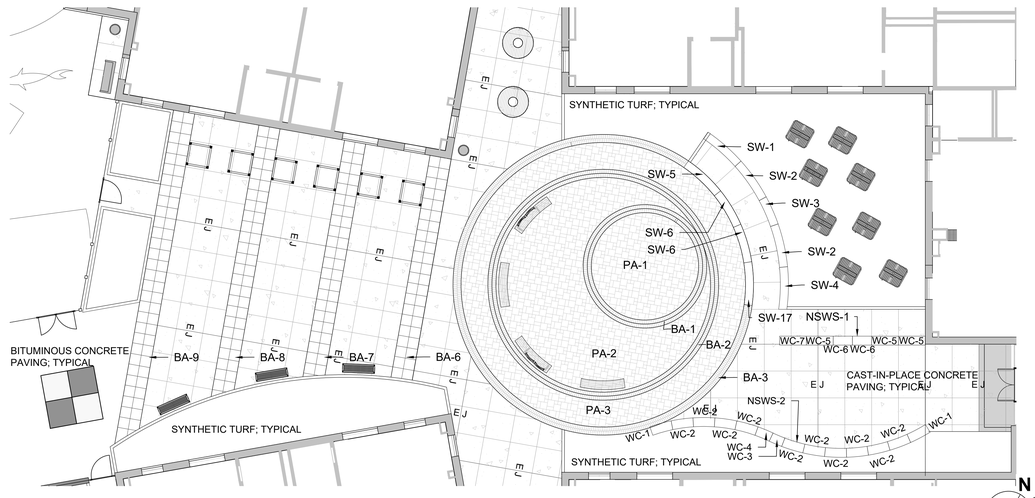


STONE SCHEDULE LOCUS PLAN
SCALE: 1"= 50'



2 ARRIVAL COURT PLAZA STONE SCHEDULE PLAN
SCALE: 1"=10'

PROJECT NORTH PLAN



1 CENTRAL COURTYARD STONE SCHEDULE PLAN
SCALE: 1"=10'

PROJECT NORTH PLAN

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

AS INDICATED

SHEET TITLE:
STONE SCHEDULE PLAN

SHEET NUMBER:
L1.18

LEGEND

- CHAIN LINK SPORT COURT FENCE -10'-0" HIGH
- CHAIN LINK SPORT FIELD FENCE - 8'-0" HIGH
- DECORATIVE METAL FENCE - 4'-0" HIGH
- WOOD PRIVACY FENCE - 6'-0" HIGH
- UTILITY SCREEN FENCE - 6'-0" HIGH

+/- 161'-0" WOOD PRIVACY FENCE; 6'-0" HIGH

VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE

VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE

+/- 80'-0" UTILITY SCREEN FENCE; 6'-0" HIGH

+/- 105'-0" UTILITY SCREEN FENCE; 6'-0" HIGH

5 FOOT WIDE DOUBLE GATES

5 FOOT WIDE DOUBLE GATES

5 FOOT WIDE DOUBLE GATES

+/- 396'-0" WOOD PRIVACY FENCE; 6'-0" HIGH

+/- 282'-0" DECORATIVE METAL FENCE; 4'-0" HIGH

K-2ND GRADE PLAYGROUND

DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE

DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH

DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH

STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; LOCKABLE GATE LATCH

DECORATIVE METAL DOUBLE GATE; 6'-0" WIDE; SELF-CLOSING LATCH

+/- 131'-0" WOOD PRIVACY FENCE; 6'-0" HIGH

DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH

DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH

+/- 277'-0" DECORATIVE METAL FENCE; 4'-0" HIGH

DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH

PRE-K PLAYGROUND

DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE

VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE

+/- 209'-0" WOOD PRIVACY FENCE; 6'-0" HIGH

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

+/- 289'-0" CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH

CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 12' WIDE DOUBLE-SWING

CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 4' WIDE SINGLE-SWING

+/- 102-0" CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH

DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING LATCH

+/- 122'-0" CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH

+/- 174-0" DECORATIVE METAL FENCE; 4'-0" HIGH

CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4' WIDE SINGLE-SWING; STANDARD LATCH

+/- 155'-0" CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH

DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 4' WIDE SINGLE-SWING; STANDARD LATCH

CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 12' WIDE DOUBLE-SWING; LOCKABLE GATE LATCH

3RD-5TH GRADE PLAYGROUND

SOCCER FIELD

CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4' WIDE SINGLE-SWING; STANDARD LATCH

CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 12' WIDE DOUBLE-SWING; LOCKABLE GATE LATCH

+/- 202'-0" CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH

CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6' WIDE DOUBLE-SWING; STANDARD LATCH

+/- 80-0" CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH

CHAIN LINK SPORT FIELD GATE; 10'-0" HIGH; 6' WIDE DOUBLE-SWING; STANDARD LATCH

+/- 235'-0" DECORATIVE METAL FENCE; 4'-0" HIGH

VEHICULAR GUARDRAIL; SEE CIVIL ENGINEER'S PLANS AND DETAILS; TYPICAL

WILMINGTON ELEMENTARY SCHOOL

PARENT DROP-OFF TURN-AROUND

PARENT DROP-OFF

DELIVERIES

PARENT VEHICLE LOOP

STUDENT LOADING/UNLOADING ZONE

BUS DROP-OFF LOOP

PRE-K DROP-OFF SERVICES & VISITOR PARKING

FACULTY & STAFF PARKING

BASKETBALL COURT

BASKETBALL COURT

ZONING SETBACK

EMERGENCY ACCESS DRIVE ONLY

100-FOOT BUFFER ZONE

50-FOOT BUFFER ZONE

25-FOOT NO STRUCTURE ZONE

15-FOOT NO DISTURBANCE ZONE

BORDERING VEGETATED WETLAND

WORK

DORE + WHITTIER

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 10' 20' 40'
GRAPHIC SCALE

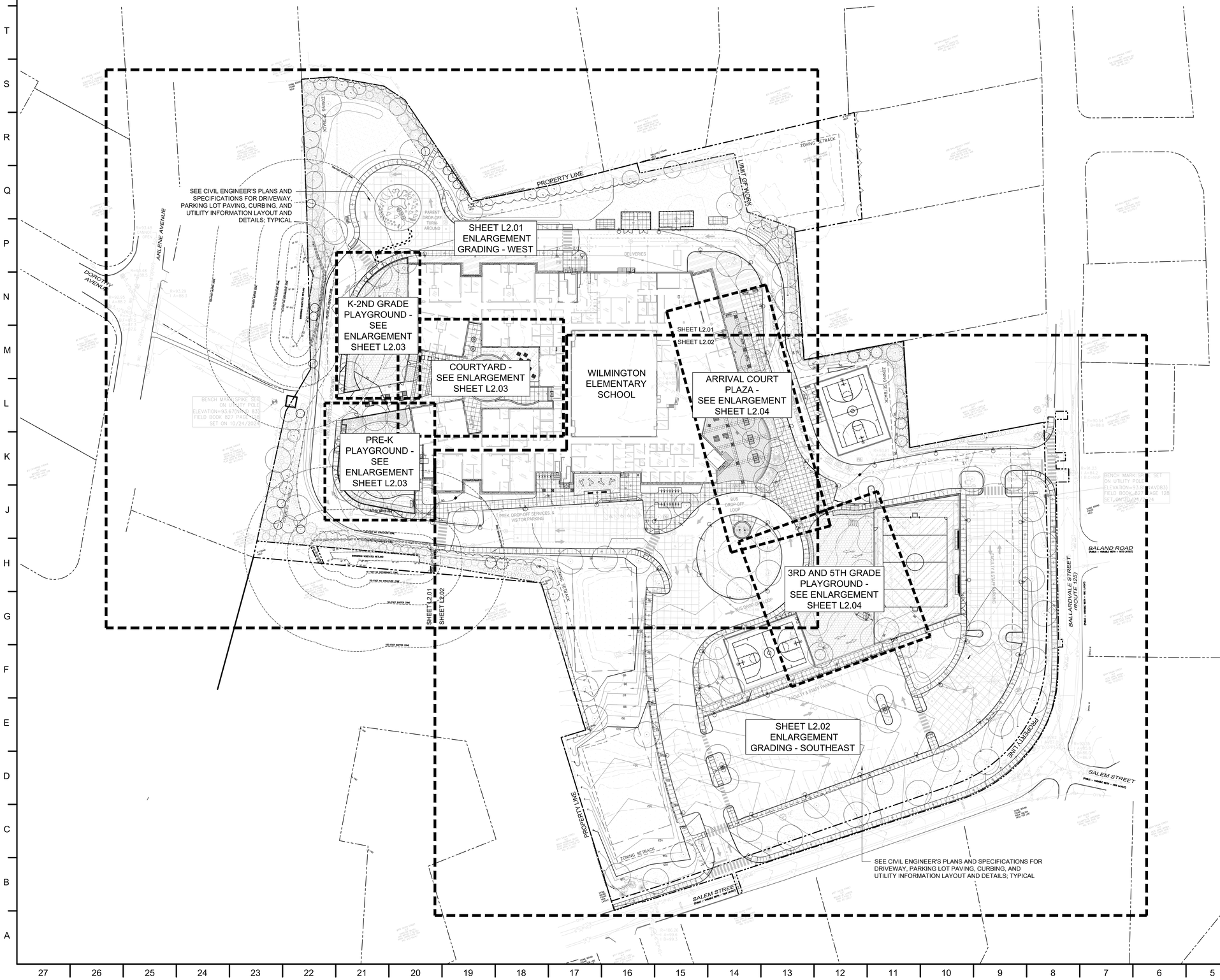
PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:

FENCES AND GATES LAYOUT KEY PLAN

SHEET NUMBER:

L1.19



GRADING NOTES:

1. EXISTING UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM DRAWINGS AND SHALL BE DEEMED APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO EXCAVATION. BEFORE CONSTRUCTION STARTS ALL UTILITY COMPANIES (PUBLIC AND PRIVATE) MUST BE CONTACTED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. CONTACT "DIG SAFE" AND REPORT ANY DISCREPANCIES IN WRITING TO THE LANDSCAPE ARCHITECT AND RECEIVE WRITTEN INSTRUCTIONS BEFORE PROCEEDING.
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12. REFER TO CIVIL ENGINEER'S GRADING PLAN FOR ALL ROADWAY, PARKING, AND UTILITY/STORMWATER INFORMATION.

LEGEND

	PROPERTY LINE
	ZONING SETBACK
(50)	EXISTING CONTOUR
50	PROPOSED CONTOUR
	MONOLITHIC GRANITE SEATWALL
	SEATWALL (STONE WITH CAP)
+ (16.00)	EXISTING SPOT ELEVATION
+ 16.00	PROPOSED SPOT ELEVATION
FFE	FINISHED FLOOR ELEVATION
TW	TOP OF WALL
BW	BOTTOM OF WALL
TCW	TOP OF CURB WALL
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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH

0 20' 40' 80'
GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 40'-0"

SHEET TITLE:
GRADING - KEY PLAN, NOTES, AND LEGENDS

SHEET NUMBER:
L2.00

SEE SHEET L2.00 FOR NOTES AND LEGEND

PROPERTY LINE

LIMIT OF WORK

ZONING SETBACK

100-FOOT BUFFER ZONE

ARLENE AVENUE

K-2ND GRADE PLAYGROUND - SEE ENLARGEMENT SHEET L2.03

COURTYARD - SEE ENLARGEMENT SHEET L2.03

PRE-K PLAYGROUND - SEE ENLARGEMENT SHEET L2.03

WILMINGTON ELEMENTARY SCHOOL

SOUTHEAST - SEE ENLARGEMENT SHEET L2.02

ARRIVAL COURT PLAZA - SEE ENLARGEMENT SHEET L2.04

SHEET L2.01

SHEET L2.02

SILL 96.50

FLUSH WITH CURB

BORDERING VEGETATED WETLAND

25-FOOT NO STRUCTURE ZONE

15-FOOT NO DISTURBANCE ZONE

50-FOOT BUFFER ZONE

BOUND MARK/SPIKE SET IN UTILITY POLE
ELEVATION=? (NAVD 83)
FIELD BOOK ??? PAGE 128
SET ON 10/?/2024

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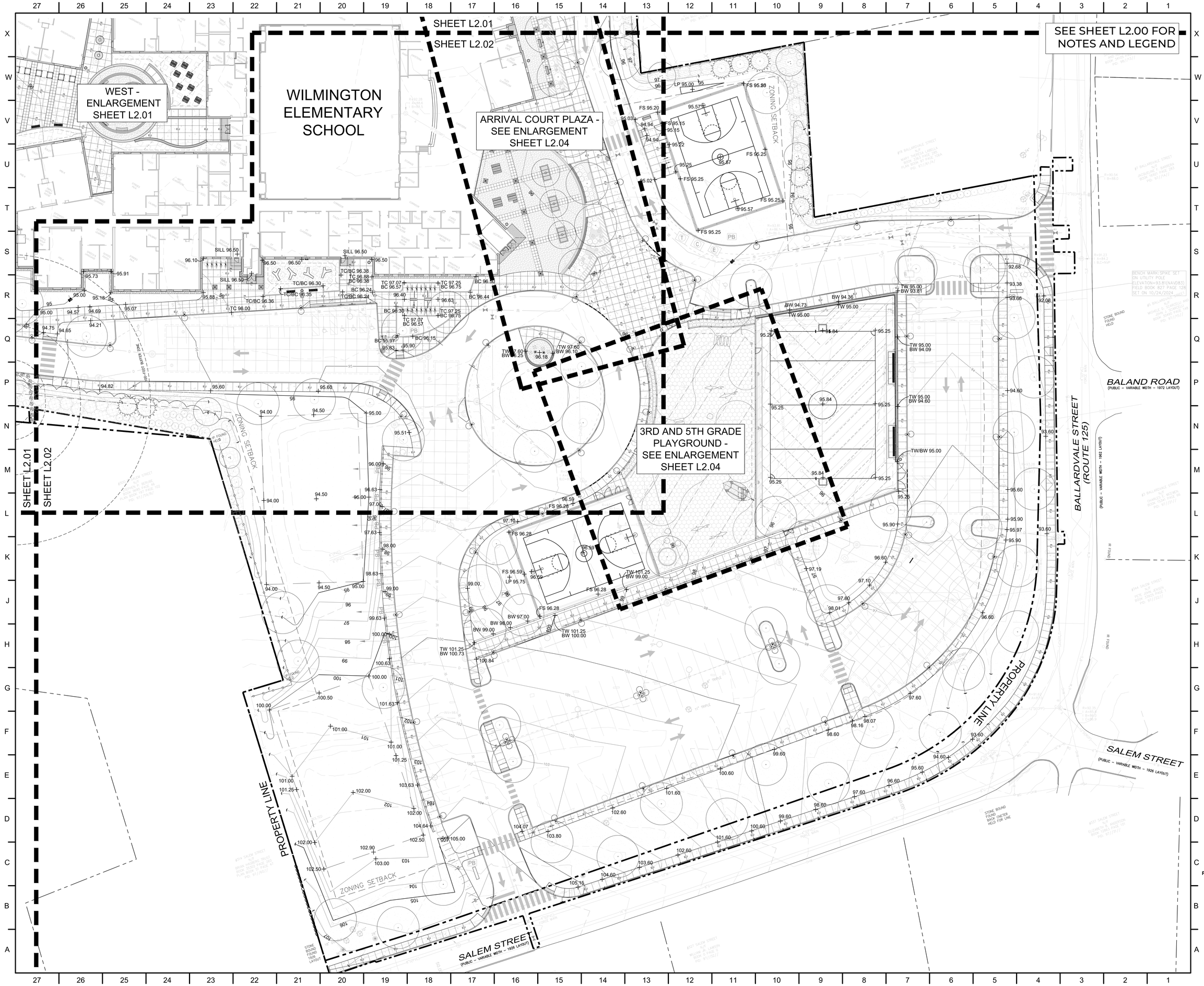
N TRUE NORTH

0 10' 20' 40' GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:
GRADING - WEST

SHEET NUMBER:
L2.01



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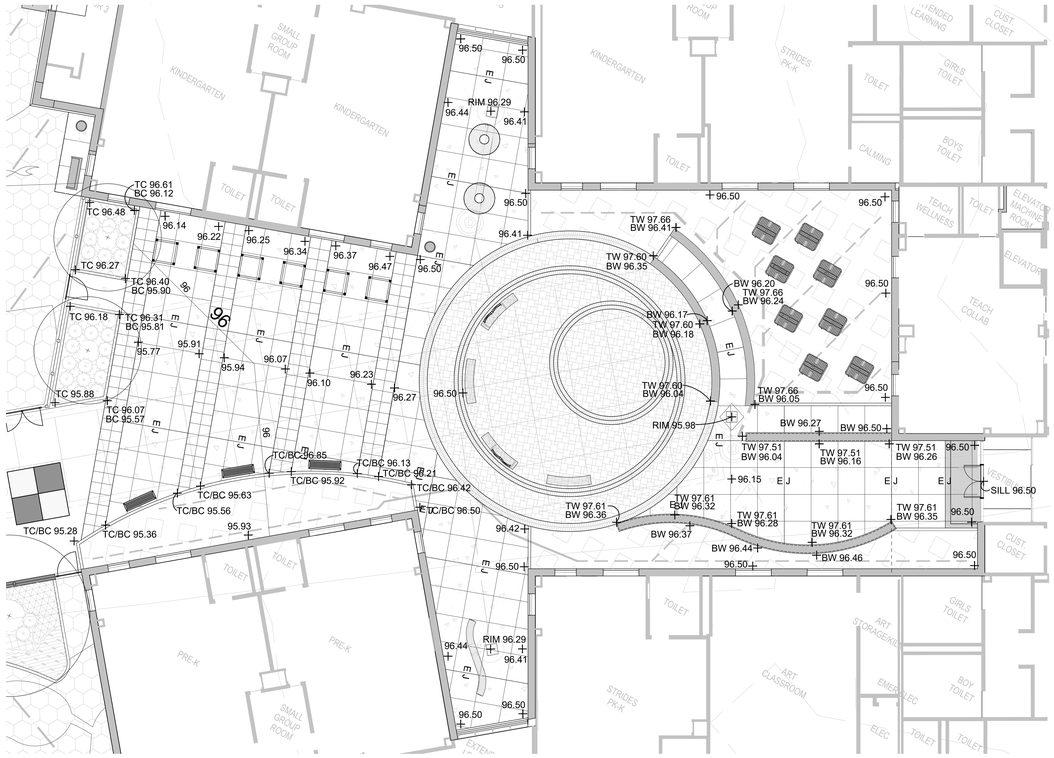
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GRAPHIC SCALE

PROJECT NORTH SCALE: 1" = 20'-0"

SHEET TITLE:
GRADING - SOUTHEAST

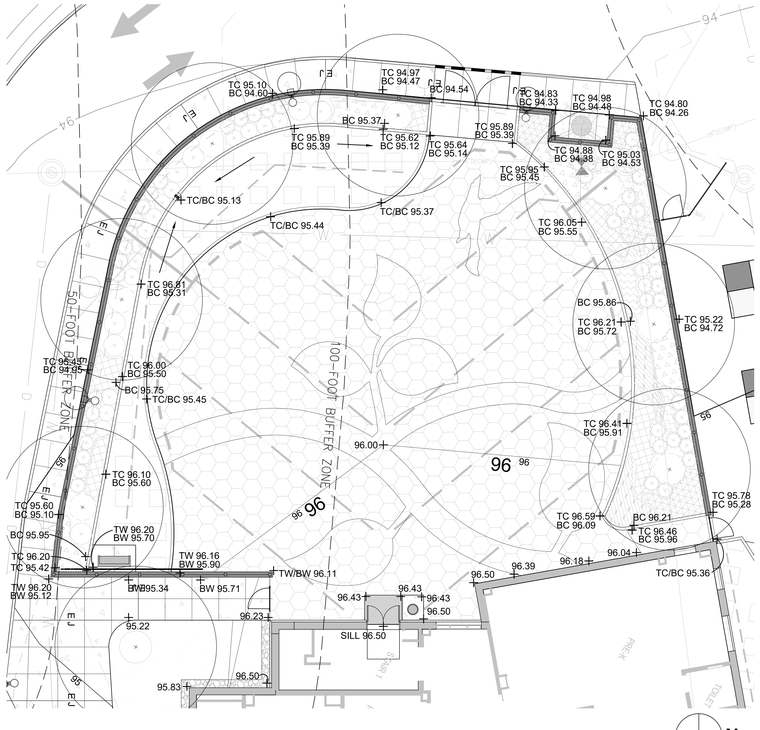
SHEET NUMBER:
L2.02



1 COURTYARD GRADING
SCALE: 1" = 10'-0"

PLAN

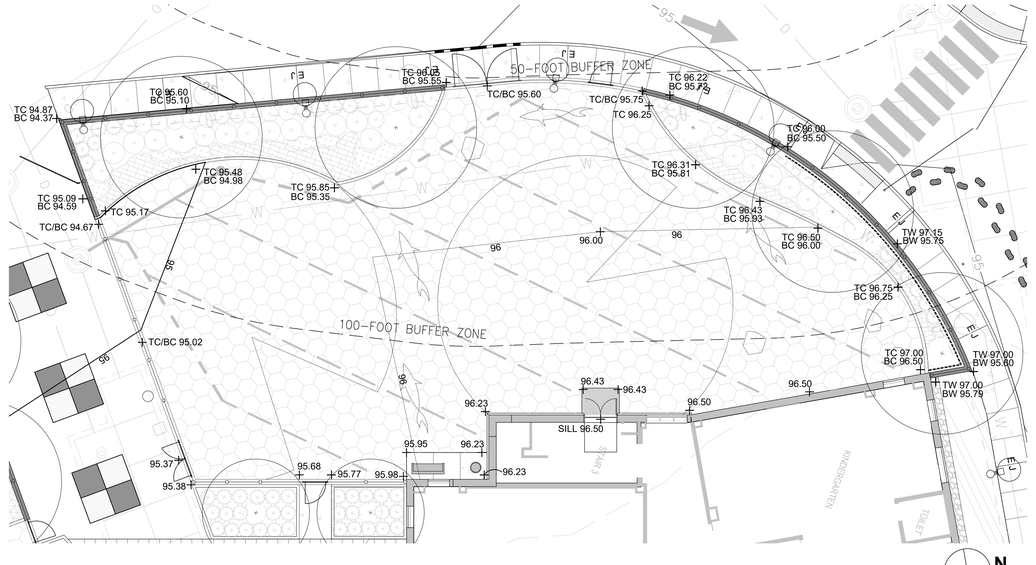
N TRUE NORTH
PROJECT NORTH



3 PRE-K PLAYGROUND GRADING
SCALE: 1" = 10'-0"

PLAN

N TRUE NORTH
PROJECT NORTH



2 K-2ND GRADE PLAYGROUND GRADING
SCALE: 1" = 10'-0"

PLAN

N TRUE NORTH
PROJECT NORTH

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PROJECT NUMBER: 23-0847

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

0 5' 10' 40'
GRAPHIC SCALE

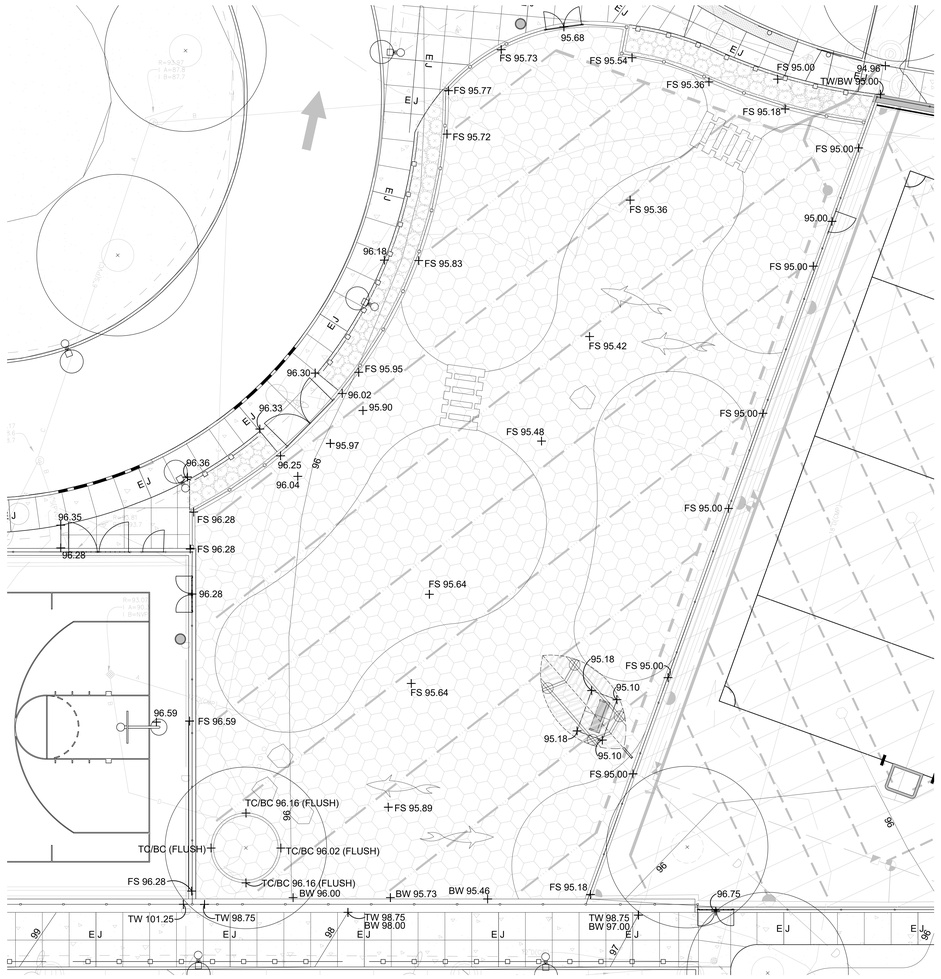
SCALE: 1" = 10'-0"

SHEET TITLE:

ENLARGEMENTS - WESTERN PLAYGROUNDS, AND COURTYARD

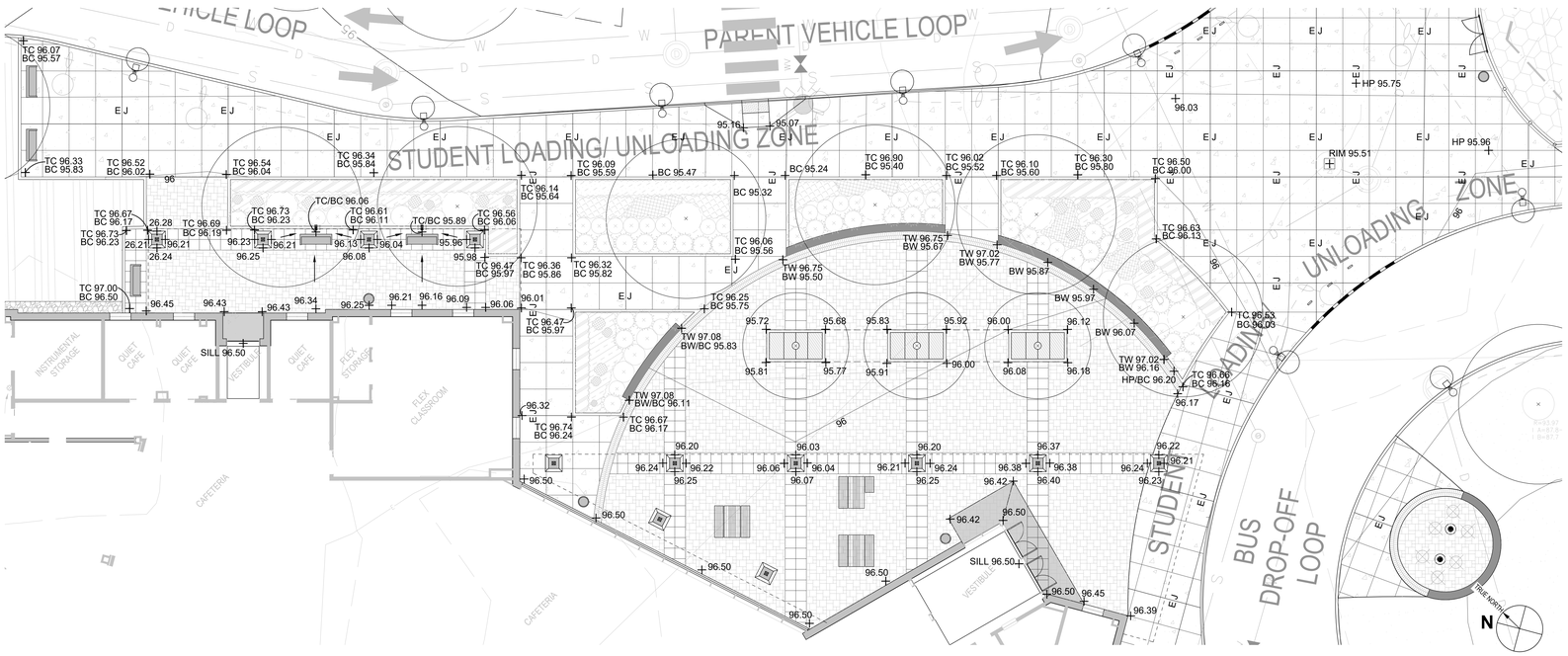
SHEET NUMBER:

L2.03



1 3RD AND 5TH GRADE PLAYGROUND GRADING
SCALE: 1" = 10'-0"

PROJECT NORTH
PLAN



2 ARRIVAL COURT PLAZA GRADING
SCALE: 1" = 10'-0"

PROJECT NORTH
PLAN

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KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW

0 5' 10' 40'
GRAPHIC SCALE

SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENTS - 3RD AND 5TH GRADE PLAYGROUND, AND ARRIVAL COURT PLAZA

SHEET NUMBER:
L2.04

PLANT SCHEDULE - SHEET L3.00

DECIDUOUS STREET AND LAWN TREES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
13	AF	ACER FREEMAN 'FREEMAN MAPLE'	AUTUMN BLAZE FREEMAN MAPLE	2"- 2.5" CAL.	BALL & BURLAP	30' O.C. (N)
22	AR	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	3"- 3.5" CAL.	B&B	30' O.C. (N)
4	AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2.5"- 3" CAL.	B&B	30' O.C. (N)
11	GT	GLEDITSIA TRIA. INERMIS 'HALKA'	HALKA HONEYLOCUST	2.5"- 3" CAL.	B&B	30' O.C. (N) (S)
8	LS	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2.5"- 3" CAL.	B&B	30' O.C. (N)
2	LT	LIRIODENDRON TULIPIFERA	TULIPTREE	3"- 3.5" CAL.	B&B	30' O.C. (N)
2	MA	MALUS 'SPRING SNOW'	'SPRING SNOW' FLOWERING CRABAPPLE	2"- 2.5" CAL.	B&B	20' O.C. (S)
13	NS	NYSSA SYLVATICA	BLACK TUPELO	2.5"- 3" CAL.	B&B	30' O.C. (N)(S)
7	PA	PLATANUS X ACERIFOLIA 'EXCLAMATION'	EXCLAMATION PLANETREE	2"- 2.5" CAL.	B&B	30' O.C. (S)
3	PS	PRUNUS SUBHIRTELA 'AUTUMNALIS'	AUTUMN FLOWERING CHERRY	2.5"- 3" CAL.	B&B	20' O.C.
2	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	2.5"- 3" CAL.	B&B	30' O.C. (N)

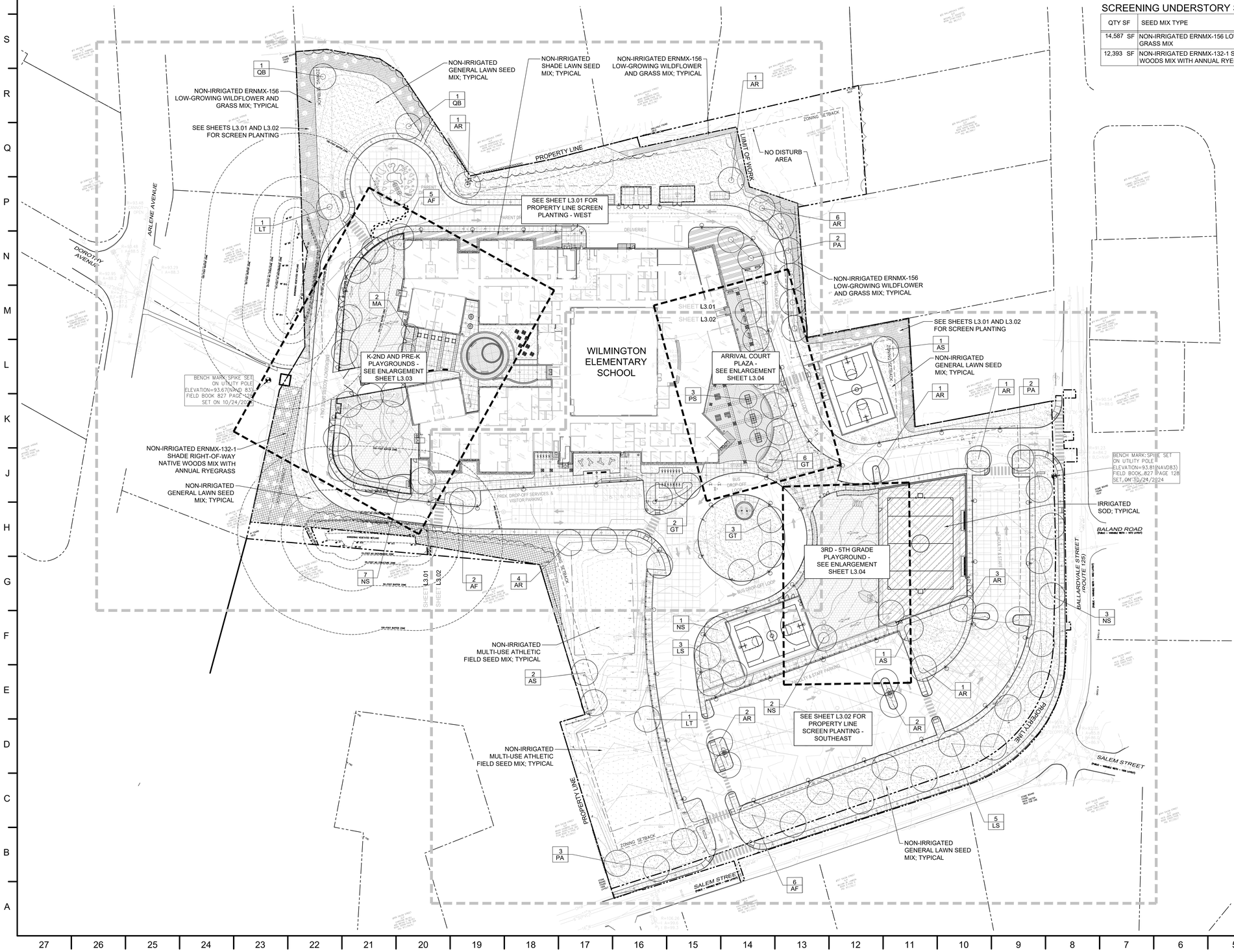
TURFGRASS

QTY SF	SEED MIX TYPE	NOTES
92,389 SF	NON-IRRIGATED GENERAL LAWN SEED MIX	NORTHEAST NURSERY, PEABODY, MA; 978.239.6449
35,235 SF	NON-IRRIGATED MULTI-USE ATHLETIC FIELD SEED MIX	NORTHEAST NURSERY, PEABODY, MA; 978.239.6449
14,681 SF	IRRIGATED SOD SODCO TURF TYPE TALL FESCUE; BLACK BEAUTY SOD	SODCO; SLOCUM RI; 800.341.6900
5,165 SF	NON-IRRIGATED SHADE LAWN SEED MIX	NORTHEAST NURSERY, PEABODY, MA; 978.239.6449

SCREENING UNDERSTORY SEED MIXES

QTY SF	SEED MIX TYPE	NOTES
14,587 SF	NON-IRRIGATED ERNMX-156 LOW-GROWING WILDFLOWER AND GRASS MIX	ERNST SEED, MEADVILLE, PA; 800.873.3321 (N)
12,393 SF	NON-IRRIGATED ERNMX-132-1 SHADE RIGHT-OF-WAY NATIVE WOODS MIX WITH ANNUAL RYEGRASS	ERNST SEED, MEADVILLE, PA; 800.873.3321 (N)

O.C. = ON-CENTER SPACING
(S) = SALT TOLERANT SPECIES
(N) = NATIVE SPECIES



PLANTING PLAN NOTES:

1. ALL PLANTING SOILS SHALL BE ONE PART TOPSOIL, ONE PART COMPOSTED ORGANIC MATTER, ONE PART NATIVE SOIL MIXED PRIOR TO PLANTING INSTALLATION.
2. THE CONTRACTOR SHALL CONFIRM THE ACTUAL DEPTH OF ALL PLANTING AREAS PRIOR TO ANY PLANT MATERIAL BEING SECURED. REPORT ANY LEDGE OR SUBSTANDARD SOIL/SUBSURFACE CONDITIONS TO THE LANDSCAPE ARCHITECT.
3. THE CONTRACTOR SHALL CONSIDER THE DISPLACEMENT OF PLANTING SOIL FOR THE PLANT MATERIAL ROOT BALLS IN THE OVERALL PLANTING BED FINISHED GRADE. ALLOW ENOUGH ROOM IN THE PLANTING BED ELEVATION TO SPREAD DISPLACED SOIL AND STILL MEET THE INDICATED FINISHED GRADE INCLUDING THE 2" OF HARDWOOD MULCH.
4. ANY MATERIALS ACCUMULATED OVER THE ROOT FLARE OF A TREE OR SHRUB MUST BE REMOVED COMPLETELY UNTIL THE ROOT FLARE IS EXPOSED AND ALL GIRDLING ROOTS REMOVED PRIOR TO PLANTING.
5. THE CONTRACTOR SHALL LOCATE AND VERIFY WITH THE LANDSCAPE ARCHITECT ALL EXISTING TREES, SHRUBS, PERENNIALS, AND/OR GROUNDCOVER TO REMAIN, TO BE REMOVED, OR TO BE TRANSPLANTED. PROTECT IN PLACE ALL EXISTING TREES, SHRUBS, AND GROUNDCOVER TO REMAIN.
6. ALL NEW PLANTING MATERIAL SHALL CONFORM TO MINIMUM GUIDELINES ESTABLISHED BY THE MOST CURRENT AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1). IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY AND THE PLANT HEIGHT SHALL BE MEASURED FROM THE ROOT FLARE, NOT THE BOTTOM OF POT OR BURLAP BALL.
7. STAKE THE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
8. IN THE EVENT THAT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR BETWEEN THE PLANT MATERIALS LIST AND THE PLANT KEYS ON THE DRAWINGS, THE HIGHER NUMBER OF PLANTS SHALL GOVERN. THE CONTRACTOR SHALL REPORT DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
9. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, FRUIT, COLOR, AND CULTURE MUST BE APPROVED.
10. ALL LAWN AREAS DISTURBED BY CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK SHALL RECEIVE TURF RENOVATION FOR DAMAGED AREA PER SPECIFICATIONS.

LEGEND

- PROPERTY LINE
- ZONING SETBACK
- EXISTING TREE LINE
- PROPOSED DECIDUOUS TREE | SHRUB
- PROPOSED EVERGREEN TREE | SHRUB
- TREE TAG
- SHRUB TAG
- PERENNIAL TAG
- SHRUB AND PERENNIAL HATCHES
- NON-IRRIGATED GENERAL LAWN SEED MIX
- NON-IRRIGATED SHADE LAWN SEED MIX
- IRRIGATED MULTI-USE ATHLETIC SEED MIX
- IRRIGATED SOD
- NON-IRRIGATED ERNMX-156 LOW-GROWING WILDFLOWER AND GRASS MIX
- NON-IRRIGATED ERNMX-132-1 SHADE RIGHT-OF-WAY NATIVE WOOD MIX WITH ANNUAL RYEGRASS

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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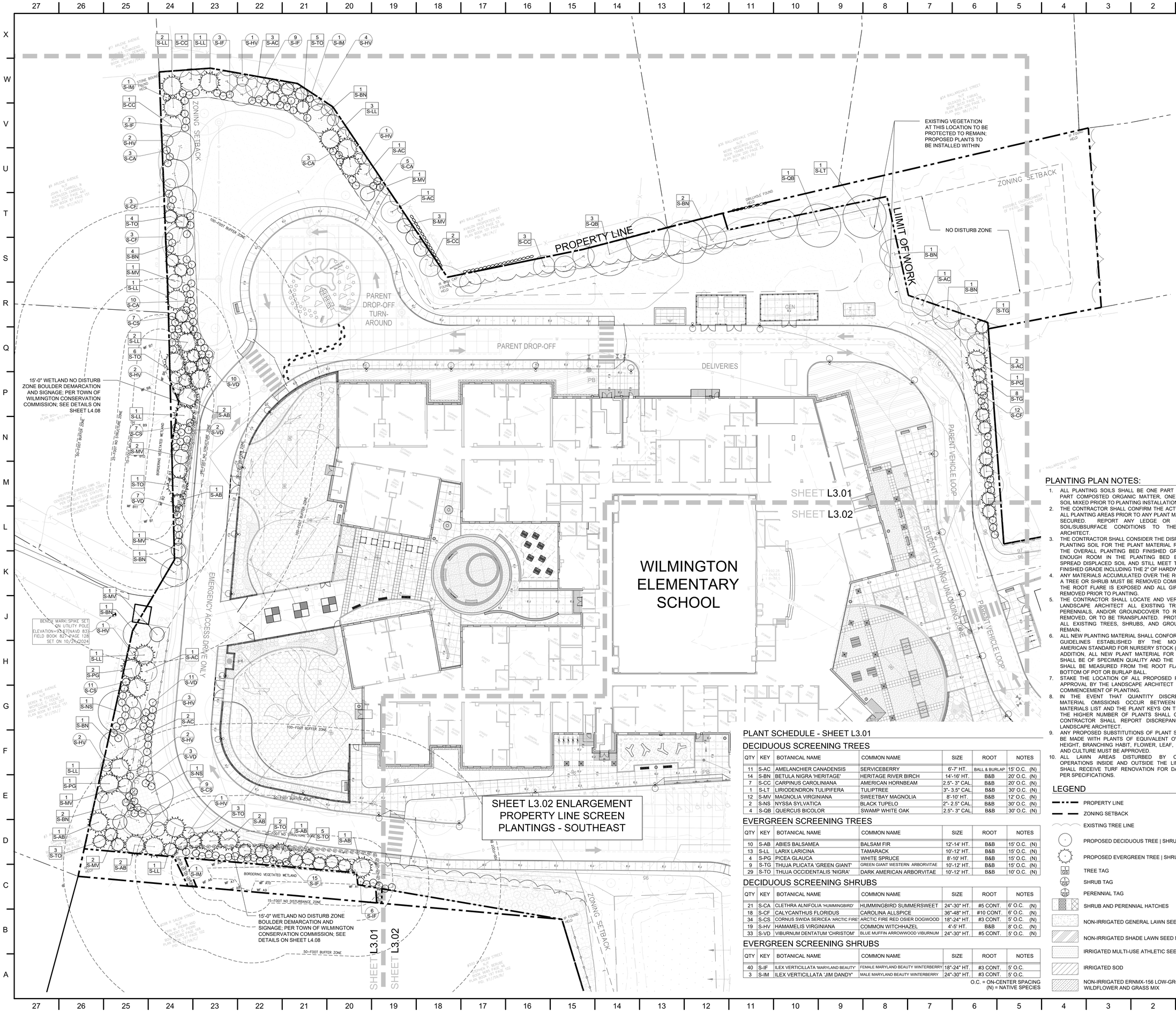
KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH SCALE: 1" = 40'-0"

SHEET TITLE:
PLANTING - TREES AND TURF

SHEET NUMBER:
L3.00



PLANTING PLAN NOTES:

1. ALL PLANTING SOILS SHALL BE ONE PART TOPSOIL, ONE PART COMPOSTED ORGANIC MATTER, ONE PART NATIVE SOIL MIXED PRIOR TO PLANTING INSTALLATION.
2. THE CONTRACTOR SHALL CONFIRM THE ACTUAL DEPTH OF ALL PLANTING AREAS PRIOR TO ANY PLANT MATERIAL BEING SECURED. REPORT ANY LEDGE OR SUBSTANDARD SOIL/SUBSURFACE CONDITIONS TO THE LANDSCAPE ARCHITECT.
3. THE CONTRACTOR SHALL CONSIDER THE DISPLACEMENT OF PLANTING SOIL FOR THE PLANT MATERIAL ROOT BALLS IN THE OVERALL PLANTING BED FINISHED GRADE. ALLOW ENOUGH ROOM IN THE PLANTING BED ELEVATION TO SPREAD DISPLACED SOIL AND STILL MEET THE INDICATED FINISHED GRADE INCLUDING THE 2" OF HARDWOOD MULCH.
4. ANY MATERIALS ACCUMULATED OVER THE ROOT FLARE OF A TREE OR SHRUB MUST BE REMOVED COMPLETELY UNTIL THE ROOT FLARE IS EXPOSED AND ALL GIRDLING ROOTS REMOVED PRIOR TO PLANTING.
5. THE CONTRACTOR SHALL LOCATE AND VERIFY WITH THE LANDSCAPE ARCHITECT ALL EXISTING TREES, SHRUBS, PERENNIALS, AND/OR GROUNDCOVER TO REMAIN, TO BE REMOVED, OR TO BE TRANSPLANTED. PROTECT IN PLACE ALL EXISTING TREES, SHRUBS, AND GROUNDCOVER TO REMAIN.
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7. STAKE THE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
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10. ALL LAWN AREAS DISTURBED BY CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK SHALL RECEIVE TURF RENOVATION FOR DAMAGED AREA PER SPECIFICATIONS.

PLANT SCHEDULE - SHEET L3.01

DECIDUOUS SCREENING TREES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
11	S-AC	AMELANCHIER CANADENSIS	SERVICEBERRY	6'-7' HT.	BALL & BURLAP	15' O.C. (N)
14	S-BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	14'-16' HT.	B&B	20' O.C. (N)
7	S-CC	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2.5"- 3" CAL.	B&B	20' O.C. (N)
1	S-LT	LIRIODENDRON TULIPIFERA	TULIPTREE	3"- 3.5" CAL.	B&B	30' O.C. (N)
12	S-MV	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	8'-10' HT.	B&B	12' O.C. (N)
2	S-NS	NYSSA SYLVATICA	BLACK TUPELO	2"- 2.5" CAL.	B&B	30' O.C. (N)
4	S-QB	QUERCUS BICOLOR	SWAMP WHITE OAK	2.5"- 3" CAL.	B&B	30' O.C. (N)

EVERGREEN SCREENING TREES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
10	S-AB	ABIES BALSAMEA	BALSAM FIR	12'-14' HT.	B&B	15' O.C. (N)
13	S-LL	LARIX LARICINA	TAMARACK	10'-12' HT.	B&B	15' O.C. (N)
4	S-PG	PICEA GLAUCA	WHITE SPRUCE	8'-10' HT.	B&B	15' O.C. (N)
9	S-TG	THUJA PLICATA 'GREEN GIANT'	GREEN GIANT WESTERN ARBORVITAE	10'-12' HT.	B&B	15' O.C. (N)
29	S-TO	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	10'-12' HT.	B&B	10' O.C. (N)

DECIDUOUS SCREENING SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
21	S-CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	24"-30" HT.	#5 CONT.	6' O.C. (N)
18	S-CF	CALYCANTHUS FLORIDUS	CAROLINA ALLSPICE	36"-48" HT.	#10 CONT.	6' O.C. (N)
34	S-CS	CORNUS SWIDA SERICEA 'ARCTIC FIRE'	ARCTIC FIRE RED OSIER DOGWOOD	18"-24" HT.	#3 CONT.	5' O.C. (N)
19	S-HV	HAMAMELIS VIRGINIANA	COMMON WITCHHAZEL	4'-5' HT.	B&B	8' O.C. (N)
33	S-VD	VIBURNUM DENTATUM 'CHRISTOM'	BLUE MUFFIN ARROWWOOD VIBURNUM	24"-30" HT.	#5 CONT.	5' O.C. (N)

EVERGREEN SCREENING SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
40	S-IF	ILEX VERTICILLATA 'MARYLAND BEAUTY'	FEMALE MARYLAND BEAUTY WINTERBERRY	18"-24" HT.	#3 CONT.	5' O.C.
3	S-IM	ILEX VERTICILLATA 'JIM DANDY'	MALE MARYLAND BEAUTY WINTERBERRY	24"-30" HT.	#3 CONT.	5' O.C.

O.C. = ON-CENTER SPACING
(N) = NATIVE SPECIES

LEGEND

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ISSUE TITLE AND DATE:

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KEY PLAN

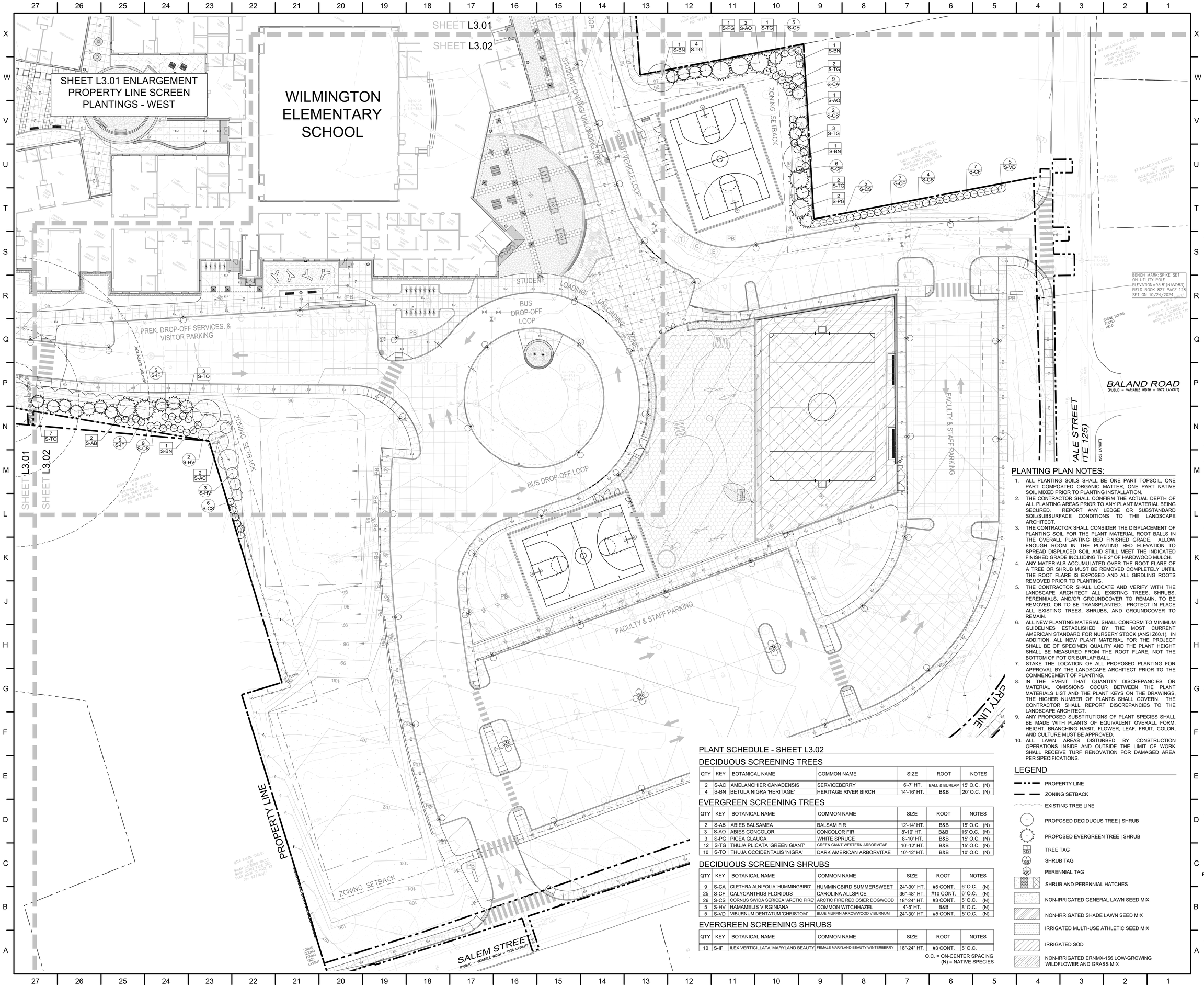
ORIENTATION AND SCALE:

PROJECT NORTH

SCALE: 1" = 20'-0"

SHEET TITLE:
PROPERTY LINE SCREEN PLANTING - WEST

SHEET NUMBER:
L3.01



PLANTING PLAN NOTES:

1. ALL PLANTING SOILS SHALL BE ONE PART TOPSOIL, ONE PART COMPOSTED ORGANIC MATTER, ONE PART NATIVE SOIL MIXED PRIOR TO PLANTING INSTALLATION.
2. THE CONTRACTOR SHALL CONFIRM THE ACTUAL DEPTH OF ALL PLANTING AREAS PRIOR TO ANY PLANT MATERIAL BEING SECURED. REPORT ANY LEDGE OR SUBSTANDARD SOILS/SUBSURFACE CONDITIONS TO THE LANDSCAPE ARCHITECT.
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10. ALL LAWN AREAS DISTURBED BY CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK SHALL RECEIVE TURF RENOVATION FOR DAMAGED AREA PER SPECIFICATIONS.

PLANT SCHEDULE - SHEET L3.02

DECIDUOUS SCREENING TREES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
2	S-AC	AMELANCHIER CANADENSIS	SERVICEBERRY	6'-7' HT.	BALL & BURLAP	15' O.C. (N)
4	S-BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	14'-16' HT.	B&B	20' O.C. (N)

EVERGREEN SCREENING TREES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
2	S-AB	ABIES BALSAMEA	BALSAM FIR	12'-14' HT.	B&B	15' O.C. (N)
3	S-AO	ABIES CONCOLOR	CONCOLOR FIR	8'-10' HT.	B&B	15' O.C. (N)
3	S-PG	PICEA GLAUCA	WHITE SPRUCE	8'-10' HT.	B&B	15' O.C. (N)
12	S-TG	THUJA PLICATA 'GREEN GIANT'	GREEN GIANT WESTERN ARBORVITAE	10'-12' HT.	B&B	15' O.C. (N)
10	S-TO	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	10'-12' HT.	B&B	10' O.C. (N)

DECIDUOUS SCREENING SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
9	S-CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	24"-30" HT.	#5 CONT.	6' O.C. (N)
25	S-CF	CALYCANTHUS FLORIDUS	CAROLINA ALLSPICE	36"-48" HT.	#10 CONT.	6' O.C. (N)
26	S-CS	CORNUS SWIDA SERICEA 'ARCTIC FIRE'	ARCTIC FIRE RED OSIER DOGWOOD	18"-24" HT.	#3 CONT.	5' O.C. (N)
5	S-HV	HAMAMELIS VIRGINIANA	COMMON WITCHHAZEL	4'-5' HT.	B&B	8' O.C. (N)
5	S-VD	VIBURNUM DENTATUM 'CHRISTOM'	BLUE MUFFIN ARROWWOOD VIBURNUM	24"-30" HT.	#5 CONT.	5' O.C. (N)

EVERGREEN SCREENING SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
10	S-IF	ILEX VERTICILLATA 'MARYLAND BEAUTY'	FEMALE MARYLAND BEAUTY WINTERBERRY	18"-24" HT.	#3 CONT.	5' O.C.

O.C. = ON-CENTER SPACING
(N) = NATIVE SPECIES

LEGEND

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REVISIONS:

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ISSUE TITLE AND DATE:

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KEY PLAN

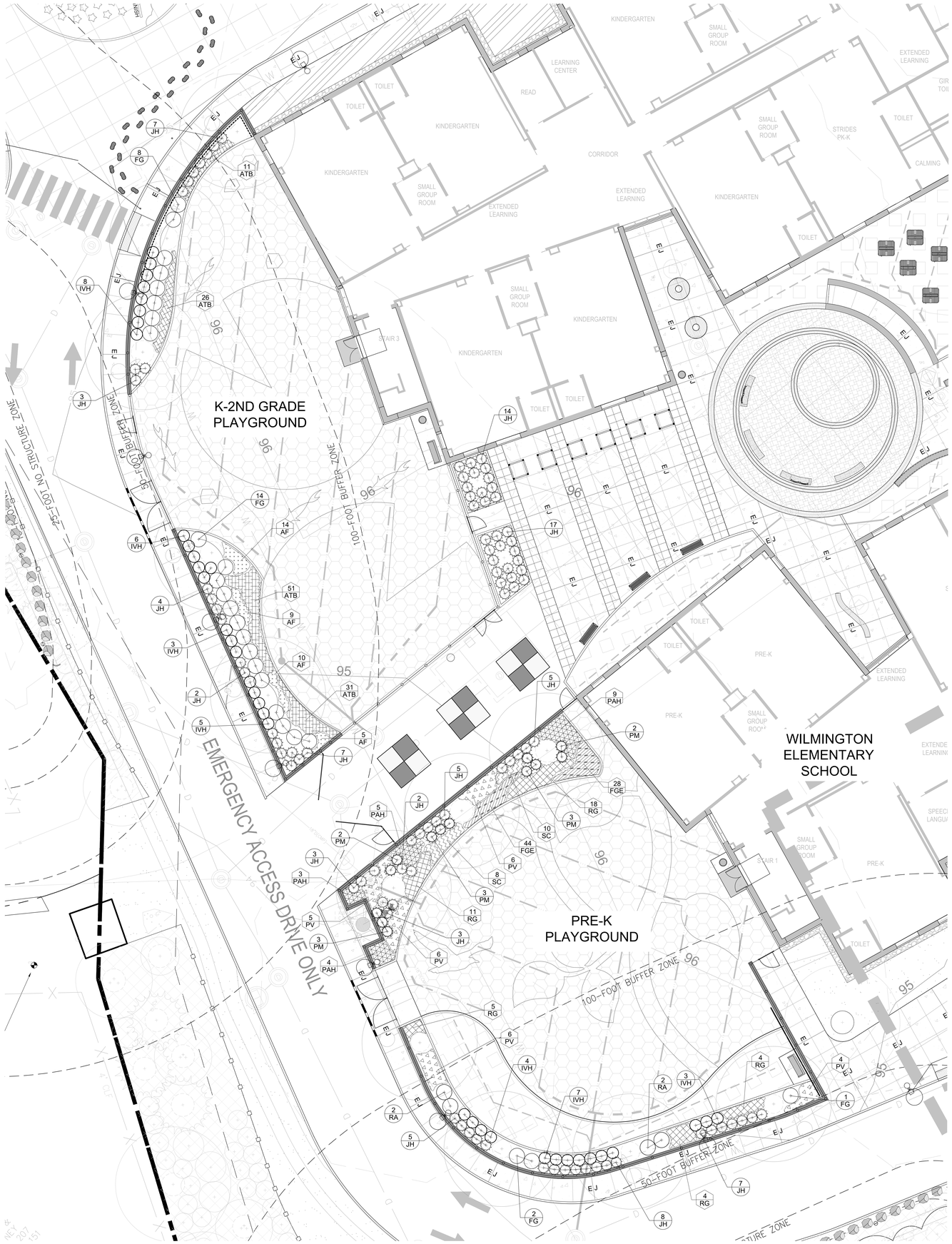
ORIENTATION AND SCALE:

PROJECT NORTH

SCALE: 1" = 20'-0"

SHEET TITLE:
PROPERTY LINE SCREEN PLANTING - SOUTHEAST

SHEET NUMBER:
L3.02



PLANT SCHEDULE - SHEET L3.05

DECIDUOUS SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
25	FG	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	18"-24" HT.	#3 CONT.	3' O.C. (N)
36	IVH	ITEA VIRGINICA 'HENRY'S GARNET'	HENRY'S GARNET SWEETSPIRE	24"-30" HT.	#5 CONT.	3' O.C. (N)
4	RA	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	18"-24" HT.	#3 CONT.	4' O.C. (N)

EVERGREEN SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
92	JH	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR JUNIPER	18"-24" SP.	#3 CONT.	3' O.C. (N)
13	PM	PINUS MUGO 'PUMILIO'	DWARF MUGO PINE	18"- 24 ' HT.	#3 CONT.	3' O.C.

PERENNIALS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
119	ATB	ASTILBE BITERNATA	APPALACHIAN FALSE GOAT'S BEARD	NA	#1 GAL.	18" O.C. (N)
38	AF	ATHRIUM FILIX-FEMINA	LADY FERN	NA	2 QT. CONT.	18" O.C. (N)
42	RG	RUDBECKIA 'AMERICAN GOLD RUSH'	GOLD RUSH BLACKEYED SUSAN	NA	#1 GAL.	24" O.C. (N)
18	SC	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SAGE	NA	#1 GAL.	12" O.C.

GRASSES

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
72	FGE	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	10-18 HT.	#1 GAL.	18" O.C.
27	PV	PANICUM VIRGATUM	SWITCH GRASS	NA	#2 GAL.	36" O.C. (N)
21	PAH	PENNISETUM ALOP. 'HAMLEN'	DWARF FOUNTAIN GRASS	NA	#2 GAL.	36" O.C.

O.C. = ON-CENTER SPACING
(N) = NATIVE SPECIES

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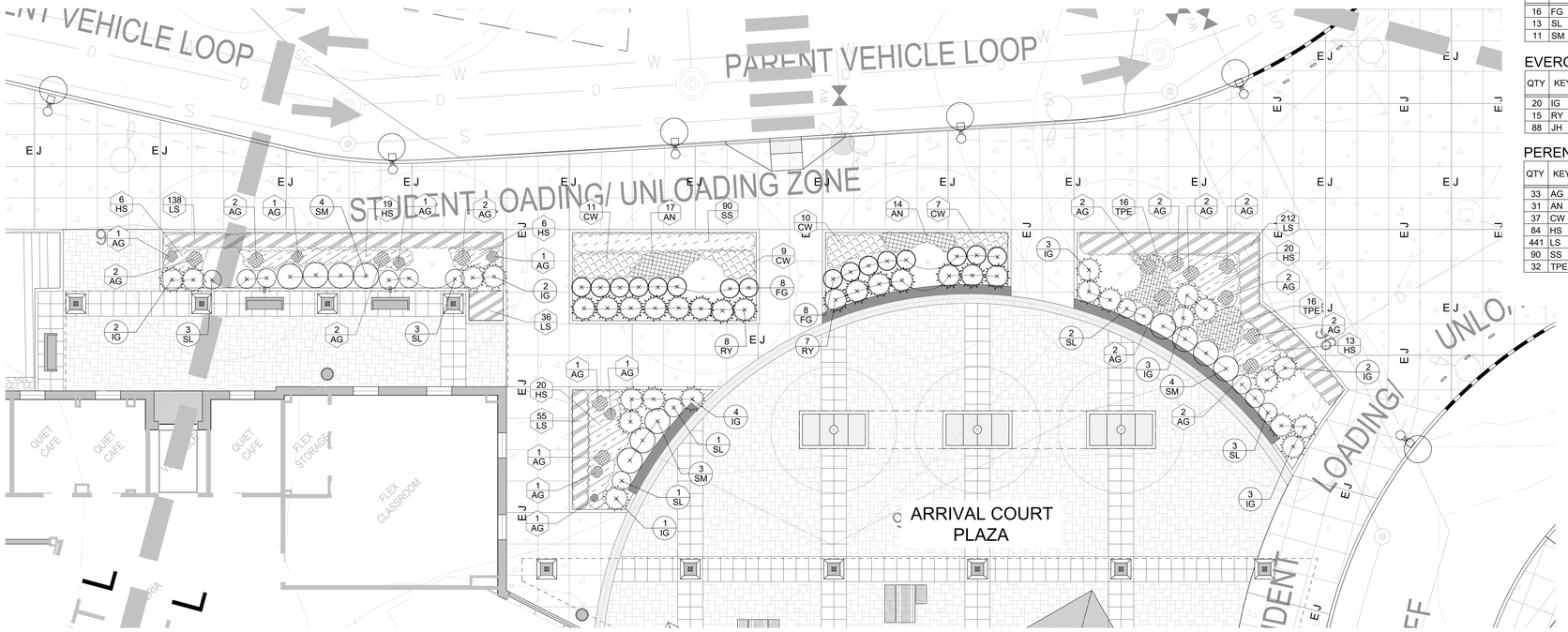
KEY PLAN

ORIENTATION AND SCALE:

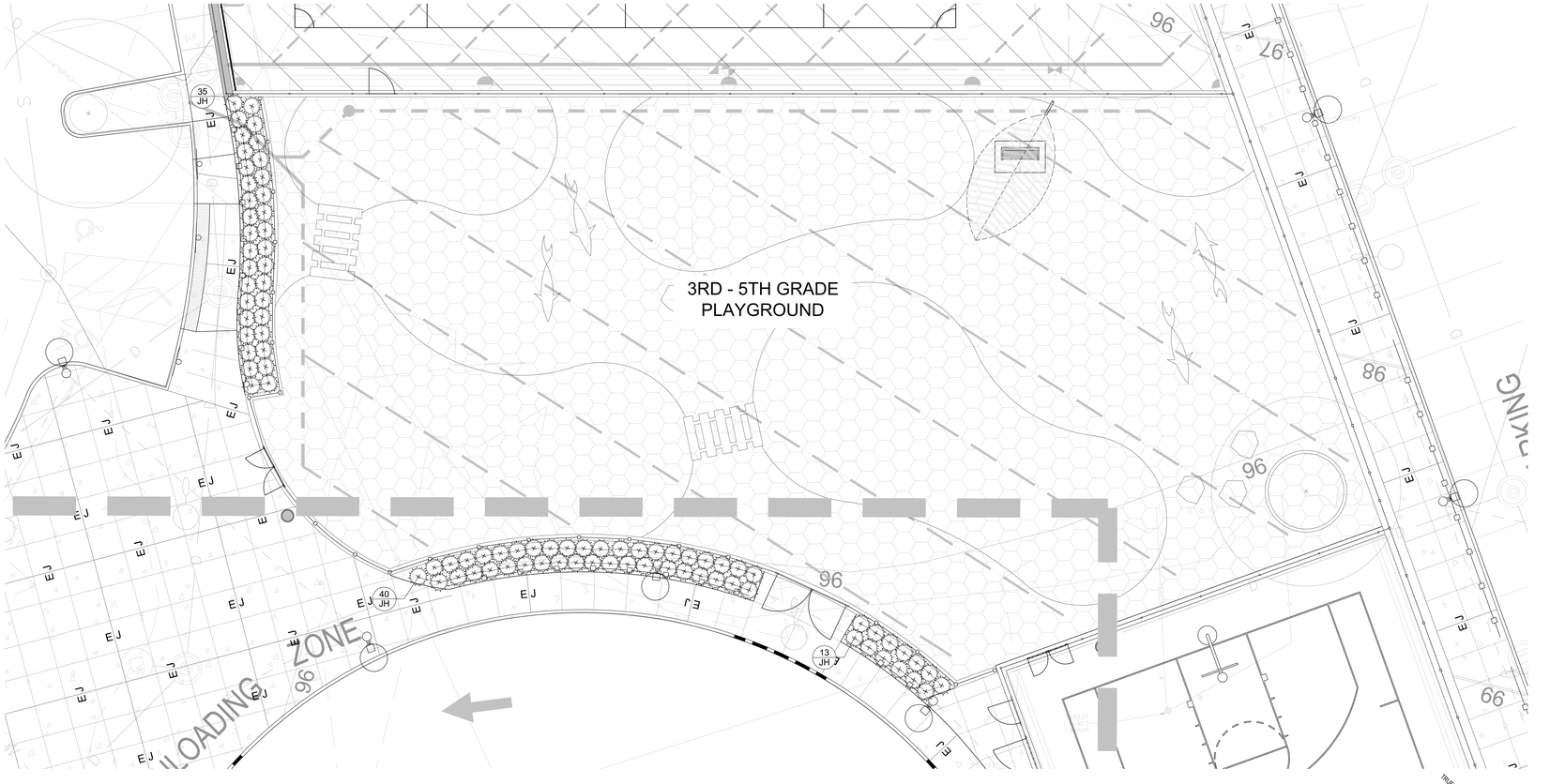
PROJECT NORTH
SCALE: 1" = 10'-0"

SHEET TITLE:
ENLARGEMENT - K-2ND AND PRE-K PLAYGROUNDS

SHEET NUMBER:
L3.03



1 ARRIVAL COURT PLAZA PLANTING
SCALE: 1/8" = 1'-0"
PLAN



2 3RD GRADE - 5TH GRADE PLAYGROUND PLANTING
SCALE: 1/8" = 1'-0"
PLAN

PLANT SCHEDULE - SHEET L3.06

DECIDUOUS SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
16	FG	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	18"-24" HT.	#3 CONT.	3' O.C. (N)
13	SL	SPIRAEA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS JAPANESE SPIREA	18"-24" HT.	#3 CONT.	3' O.C.
11	SM	SYRINGA PATULA 'MISS KIM'	MISS KIM DWARF LILAC	30"-36" HT.	#7 CONT.	4' O.C.

EVERGREEN SHRUBS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
20	IG	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	24"-30" HT.	#7 CONT.	4' O.C. (N)
15	RY	RHODODENDRON YAKUSHIMANUM	RHODODENDRON 'YAKU PRINCESS'	24"-30" HT.	#7 CONT.	4' O.C.
88	JH	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR JUNIPER	18"-24" SP.	#3 CONT.	3' O.C. (N)

PERENNIALS

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
33	AG	ALLIUM 'GLOBEMASTER'	GLOBEMASTER ALLIUM	NA	#1 GAL.	18" O.C.
31	AN	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	PURPLE DOME ASTER	NA	#1 GAL.	18" O.C. (N)
37	CW	CHRYSANTHEMUM WEYRICHII 'WHITE BOMB'	WHITE BOMB CHRYSANTHEMUM	NA	#1 GAL.	24" O.C.
84	HS	HEMEROCALLIS X 'JOAN SENIOR'	JOAN SENIOR DAYLILY	NA	#1 GAL.	24" O.C.
441	LS	LIRIOPE SPICATA	LILYTURF	NA	#1 QT.	12" O.C.
90	SS	SEDUM RUPESTRE 'SILVER'	SILVER STONECROP	NA	#1 QT.	12" O.C.
32	TPE	THYMUS PRAECOX 'ELFIN'	ELFIN CREEPING THYME	NA	2 QT. CONT.	18" O.C.

O.C. = ON-CENTER SPACING
(N) = NATIVE SPECIES

PLANTING PLAN NOTES:

1. ALL PLANTING SOILS SHALL BE ONE PART TOPSOIL, ONE PART COMPOSTED ORGANIC MATTER, ONE PART NATIVE SOIL MIXED PRIOR TO PLANTING INSTALLATION.
2. THE CONTRACTOR SHALL CONFIRM THE ACTUAL DEPTH OF ALL PLANTING AREAS PRIOR TO ANY PLANT MATERIAL BEING SECURED. REPORT ANY LEDGE OR SUBSTANDARD SOIL/SUBSURFACE CONDITIONS TO THE LANDSCAPE ARCHITECT.
3. THE CONTRACTOR SHALL CONSIDER THE DISPLACEMENT OF PLANTING SOIL FOR THE PLANT MATERIAL ROOT BALLS IN THE OVERALL PLANTING BED FINISHED GRADE. ALLOW ENOUGH ROOM IN THE PLANTING BED ELEVATION TO SPREAD DISPLACED SOIL AND STILL MEET THE INDICATED FINISHED GRADE INCLUDING THE 2" OF HARDWOOD MULCH.
4. ANY MATERIALS ACCUMULATED OVER THE ROOT FLARE OF A TREE OR SHRUB MUST BE REMOVED COMPLETELY UNTIL THE ROOT FLARE IS EXPOSED AND ALL GIRDLING ROOTS REMOVED PRIOR TO PLANTING.
5. THE CONTRACTOR SHALL LOCATE AND VERIFY WITH THE LANDSCAPE ARCHITECT ALL EXISTING TREES, SHRUBS, PERENNIALS, AND/OR GROUNDCOVER TO REMAIN, TO BE REMOVED, OR TO BE TRANSPLANTED. PROTECT IN PLACE ALL EXISTING TREES, SHRUBS, AND GROUNDCOVER TO REMAIN.
6. ALL NEW PLANTING MATERIAL SHALL CONFORM TO MINIMUM GUIDELINES ESTABLISHED BY THE MOST CURRENT AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1). IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY AND THE PLANT HEIGHT SHALL BE MEASURED FROM THE ROOT FLARE, NOT THE BOTTOM OF POT OR BURLAP BALL.
7. STAKE THE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
8. IN THE EVENT THAT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR BETWEEN THE PLANT MATERIALS LIST AND THE PLANT KEYS ON THE DRAWINGS, THE HIGHER NUMBER OF PLANTS SHALL GOVERN. THE CONTRACTOR SHALL REPORT DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
9. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, FRUIT, COLOR, AND CULTURE MUST BE APPROVED.
10. ALL LAWN AREAS DISTURBED BY CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK SHALL RECEIVE TURF RENOVATION FOR DAMAGED AREA PER SPECIFICATIONS.

LEGEND

- PROPERTY LINE
- ZONING SETBACK
- EXISTING TREE LINE
- PROPOSED DECIDUOUS TREE | SHRUB
- PROPOSED EVERGREEN TREE | SHRUB
- TREE TAG
- SHRUB TAG
- PERENNIAL TAG
- SHRUB AND PERENNIAL HATCHES
- NON-IRRIGATED GENERAL LAWN SEED MIX

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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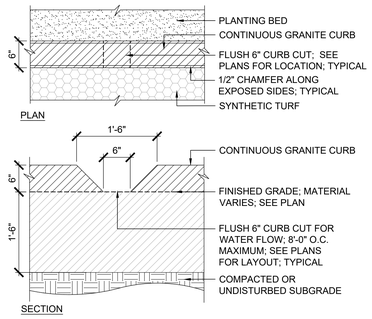
KEY PLAN

ORIENTATION AND SCALE:

SEE PLANS FOR NORTH ARROW
GRAPHIC SCALE 0 4' 8' 16'
PROJECT NORTH SCALE: 1/8" = 1'-0"

SHEET TITLE:
ENLARGEMENT - ARRIVAL COURT PLAZA AND 3RD - 5TH GRADE PLAYGROUND

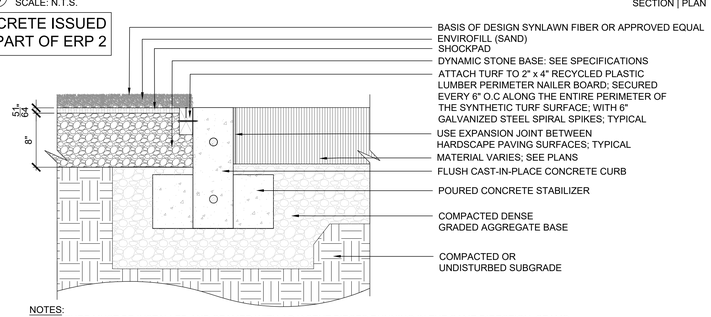
SHEET NUMBER:
L3.04



9 GRANITE CURB; SLUICE WAY CURB CUT

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

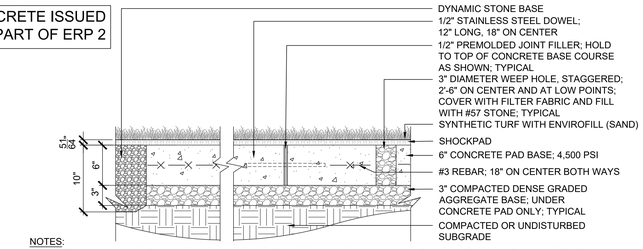


NOTES:
1. THE TURF MUST BE INSTALLED AND SEAMED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION; SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH, NOT ADHESIVE TAPE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS BY FACTORY AUTHORIZED INSTALLER.

10 SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE CURB EDGE

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. VERIFY ALL WALL DIMENSIONS IN FIELD FOR SHOP DRAWINGS AND PRIOR TO WALL CONSTRUCTION.
3. FOOTING DESIGN BY WALL MANUFACTURER AND SHALL BE INSTALLED PER THEIR APPROVED SHOP DRAWINGS.
4. ALL FOOTINGS TO BE ON NATURALLY OCCURRING SAND AND GRAVEL OR APPROVED STRUCTURAL BACKFILL PLACED OVER NATURALLY OCCURRING SAND AND GRAVEL PER MANUFACTURER'S RECOMMENDATIONS.
5. PRESUMED MINIMUM BEARING PRESSURE OF 2,000 PSF.
6. EXCAVATE ALL DELETERIOUS MATERIALS WITH BLOW COUNTS OF LESS THAN 10 AND REPLACE WITH STRUCTURAL FILL.

11 SYNTHETIC TURF; PLAY; SHOCK PAD; CAST-IN-PLACE CONCRETE PAD

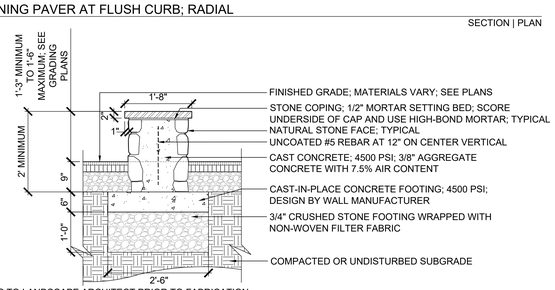
SCALE: N.T.S. — SECTION

INTENTIONALLY OMITTED

12 ADA DETECTABLE WARNING PAVER AT FLUSH CURB; RADIAL

SCALE: N.T.S. — SECTION | PLAN

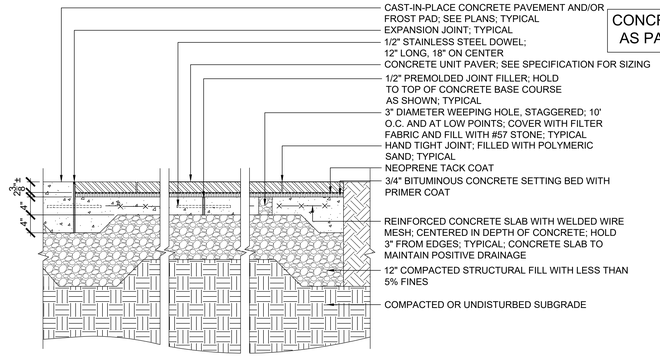
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. VERIFY ALL WALL DIMENSIONS IN FIELD FOR SHOP DRAWINGS AND PRIOR TO WALL CONSTRUCTION.
3. FOOTING DESIGN BY WALL MANUFACTURER AND SHALL BE INSTALLED PER THEIR APPROVED SHOP DRAWINGS.
4. ALL FOOTINGS TO BE ON NATURALLY OCCURRING SAND AND GRAVEL OR APPROVED STRUCTURAL BACKFILL PLACED OVER NATURALLY OCCURRING SAND AND GRAVEL PER MANUFACTURER'S RECOMMENDATIONS.
5. PRESUMED MINIMUM BEARING PRESSURE OF 2,000 PSF.
6. EXCAVATE ALL DELETERIOUS MATERIALS WITH BLOW COUNTS OF LESS THAN 10 AND REPLACE WITH STRUCTURAL FILL.

13 MASONRY PANEL SYSTEM SEATWALL; GRANITE CAP; NEW ENGLAND ROUND FIELDSTONE; FROST FOOTER

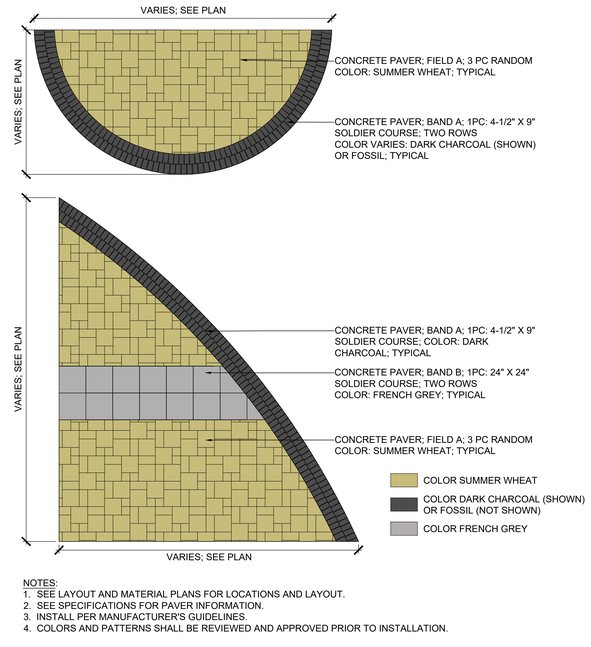
SCALE: N.T.S. — SECTION



CONCRETE ISSUED AS PART OF ERP 2

5 CONCRETE UNIT PAVERS; PEDESTRIAN; BITUMINOUS CONCRETE; 4" CONCRETE BASE

SCALE: N.T.S. — SECTION

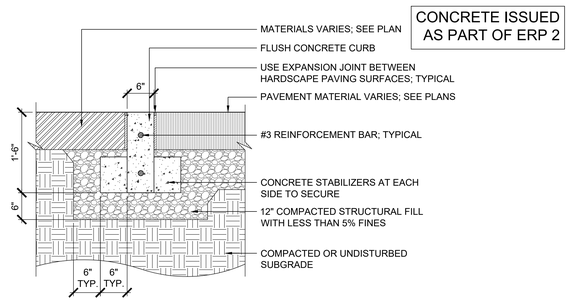


NOTES:
1. SEE LAYOUT AND MATERIAL PLANS FOR LOCATIONS AND LAYOUT.
2. SEE SPECIFICATIONS FOR PAVER INFORMATION.
3. INSTALL PER MANUFACTURER'S GUIDELINES.
4. COLORS AND PATTERNS SHALL BE REVIEWED AND APPROVED PRIOR TO INSTALLATION.

6 CONCRETE UNIT PAVERS; PEDESTRIAN; PATTERN

SCALE: N.T.S. — PLAN

CONCRETE ISSUED AS PART OF ERP 2

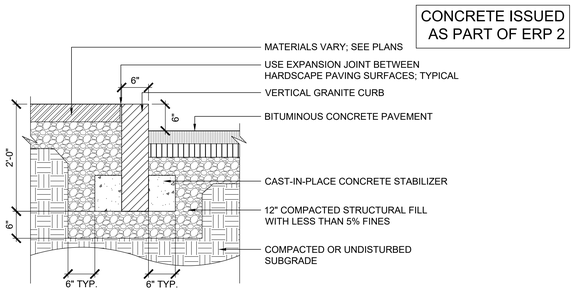


NOTE:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 30'-0" ON CENTER UNLESS OTHERWISE NOTED.

7 CAST-IN-PLACE CONCRETE CURB; FLUSH; CONCRETE CRADLE

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

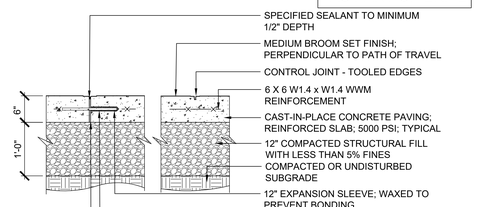


NOTE:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICON SEALANT EVERY 30'-0" ON-CENTER UNLESS OTHERWISE NOTED.

8 VERTICAL GRANITE CURB; 6" REVEAL; CONCRETE CRADLE

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

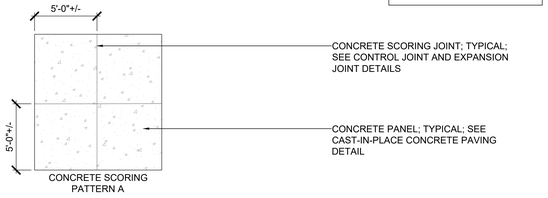


NOTES:
1. EXPANSION JOINTS 20'-0"± ON CENTER UNLESS OTHERWISE NOTED.
2. CONTROL JOINTS 5'-0"± ON CENTER UNLESS OTHERWISE NOTED.

1 CAST-IN-PLACE CONCRETE PAVING; PEDESTRIAN/VEHICULAR

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

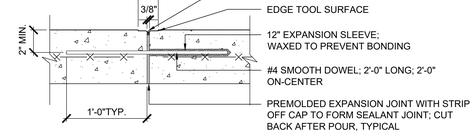


NOTES:
1. CONTROL JOINTS 5'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED.
2. EXPANSION JOINTS 20'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED ON PLANS.
3. WHERE NEW CONCRETE PAVING MEETS BUILDING FOUNDATIONS OR SITE ELEMENT SLABS, INSTALL EXPANSION JOINTS.
4. TOOLED EDGES AND JOINTS; ALL PANELS.

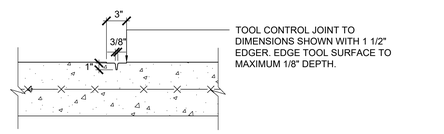
2 CAST-IN-PLACE CONCRETE PAVING; SCORE PATTERN; PEDESTRIAN/VEHICULAR

SCALE: N.T.S. — PLAN

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. EXPANSION JOINTS 20'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED ON PLANS.
2. DOWEL IS TYPICAL AT ALL EXPANSION JOINTS BETWEEN EXISTING AND NEW CONCRETE EXCEPT AGAINST VERTICAL JOINTS WITH WALLS, CURBS OR SITE IMPROVEMENTS.
3. WHERE EXISTING AND NEW CONCRETE SIDEWALKS MEET, SAWCUT EXISTING WALK AND INSTALL EXPANSION JOINT AND DOWELS AS SHOWN. DRILL EXISTING CONCRETE WALK EDGE TO RECEIVE STEEL DOWELS AT EXPANSION JOINT.
4. TOOLED EDGES AND JOINTS; ALL PANELS.

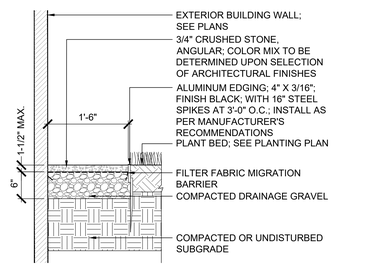


NOTES:
1. CONTROL JOINTS 5'-0" +/- ON-CENTER UNLESS OTHERWISE NOTED.
2. TOOLED EDGES AND JOINTS; ALL PANELS.

3 CAST-IN-PLACE CONCRETE PAVING; TYPICAL EXPANSION AND CONTROL JOINTS

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2



4 STONE DRIP EDGE; ALUMINUM EDGING

SCALE: N.T.S. — SECTION

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KEY PLAN

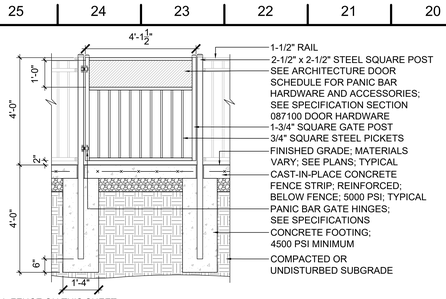
ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
DETAILS

SHEET NUMBER:
L4.01

CONCRETE ISSUED AS PART OF ERP 2

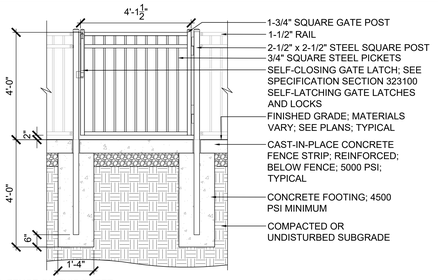


NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ON THIS SHEET.

10 DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; WITH PANIC BAR HARDWARE

SCALE: N.T.S. — SECTION

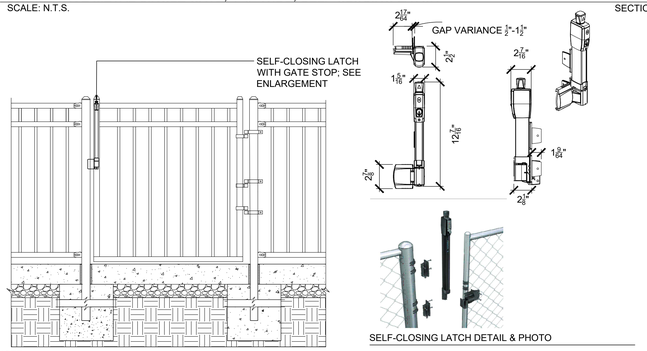
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ON THIS SHEET.

11 DECORATIVE METAL SINGLE GATE; 4'-0" WIDE; SELF-CLOSING LATCH

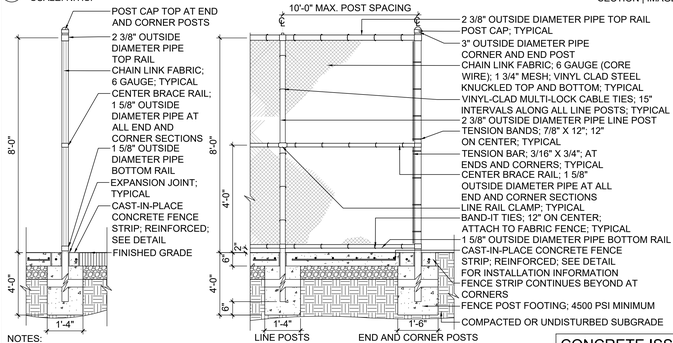
SCALE: N.T.S. — SECTION



NOTE:
1. PLAYGROUND AREA GATE SHALL BE SELF-CLOSING AND RELEASE MECHANISM ABOVE 48" HIGH.

12 SELF-CLOSING MAGNETIC CHILDPROOF GATE LATCH

SCALE: N.T.S. — SECTION | IMAGE

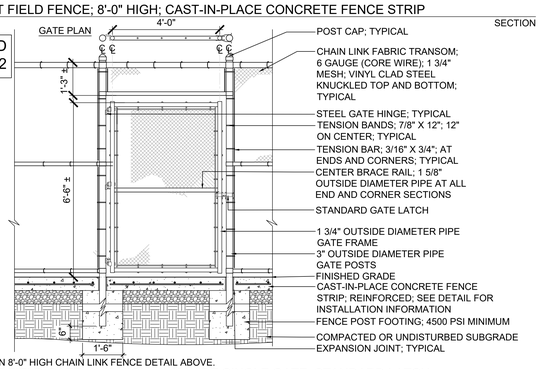


NOTES:
1. ALL FENCE PIPE SHALL BE COLD ROLLED STEEL; REFER TO SPECIFICATIONS; TYPICAL.
2. ALL LINE POSTS SHALL BE INSTALLED EQUALLY SPACED BETWEEN END AND CORNER POSTS.
3. ALL CLAMPS, TIES, POST TOPS, BANDS, POSTS, ETC., SHALL BE VINYL CLAD TO MATCH FABRIC; TYPICAL.
4. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
5. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
7. FOR FENCES AT OR OVER 6'-0" HIGH CONCRETE FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

CONCRETE ISSUED AS PART OF ERP 2

13 CHAIN LINK SPORT FIELD FENCE; 8'-0" HIGH; CAST-IN-PLACE CONCRETE FENCE STRIP

SCALE: N.T.S. — SECTION

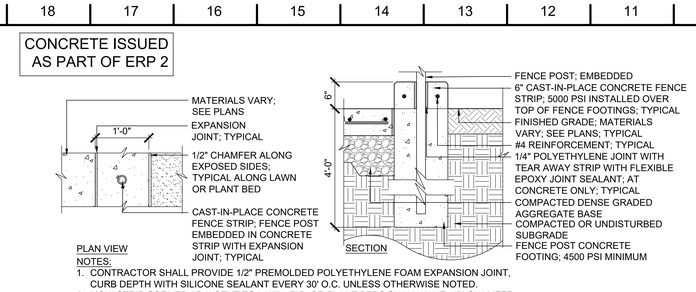


NOTE:
1. SAME NOTES AS SHOWN IN 8'-0" HIGH CHAIN LINK FENCE DETAIL ABOVE.

14 CHAIN LINK SPORT FIELD GATE; 8'-0" HIGH; 4'-0" WIDE SINGLE GATE; STANDARD LATCH

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

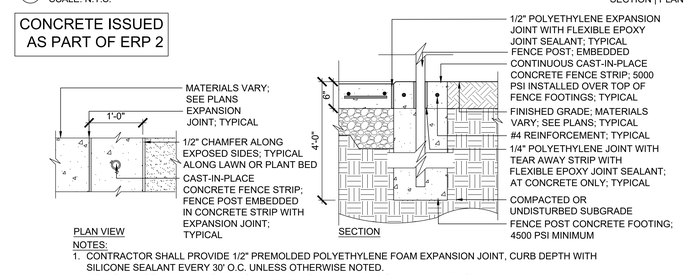


NOTES:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT, CURB DEPTH WITH SILICONE SEALANT EVERY 30' O.C. UNLESS OTHERWISE NOTED.
2. MOW STRIP CORNER ADJACENT TO LAWN, PIP, OR PLANT BEDS SHALL HAVE 1/2" CHAMFER.

5 CAST-IN-PLACE CONCRETE FENCE STRIP; RAISED

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

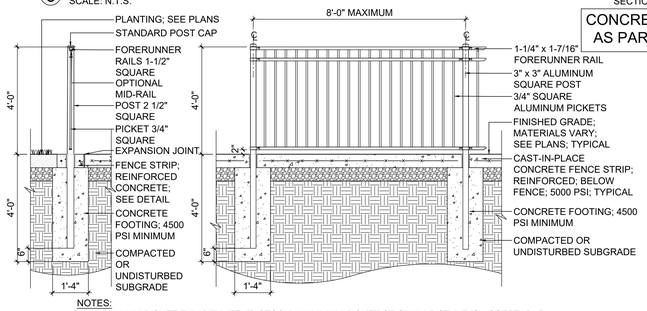


NOTES:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT, CURB DEPTH WITH SILICONE SEALANT EVERY 30' O.C. UNLESS OTHERWISE NOTED.
2. MOW STRIP CORNER ADJACENT TO LAWN, PIP, OR PLANT BEDS SHALL HAVE 1/2" CHAMFER.

6 CAST-IN-PLACE CONCRETE FENCE STRIP; FLUSH

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

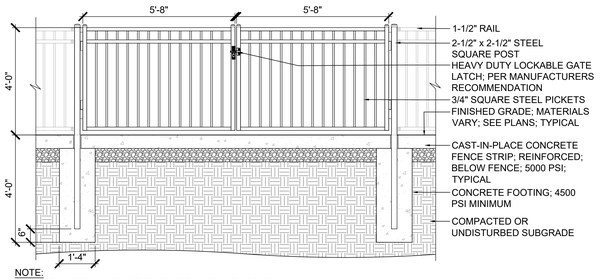


NOTES:
1. ALUMINUM PICKET EXHIBIT INTENT; STOCK ALUMINUM PICKET OF SIMILAR STYLE IS ACCEPTABLE.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
3. ALL ALUMINUM PICKET COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
5. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.

7 DECORATIVE METAL FENCE; 4'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

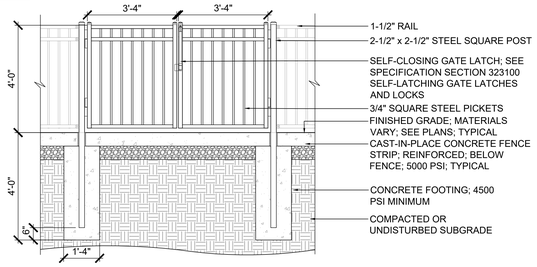


NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ABOVE.

8 DECORATIVE METAL DOUBLE GATE; 12'-0" WIDE; LOCKABLE GATE LATCH

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

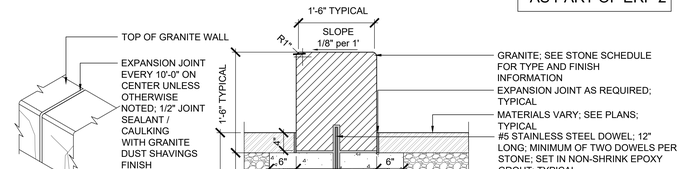


NOTE:
1. SAME NOTES AS DECORATIVE METAL FENCE ABOVE.

9 DECORATIVE METAL DOUBLE GATE; 7'-0" WIDE; SELF-CLOSING

SCALE: N.T.S. — SECTION

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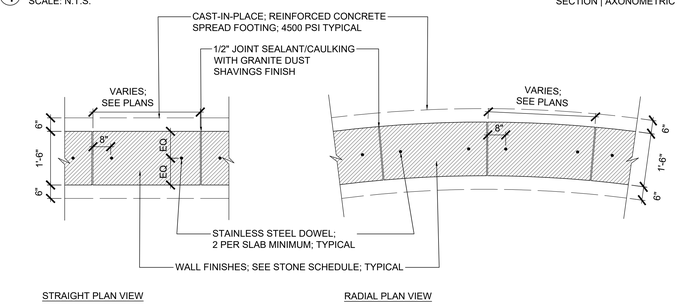


CONCRETE ISSUED AS PART OF ERP 2

NOTE:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.

1 GRANITE SLAB MONOLITHIC BENCH; STRAIGHT AND RADIAL CUT; SLAB FOOTING

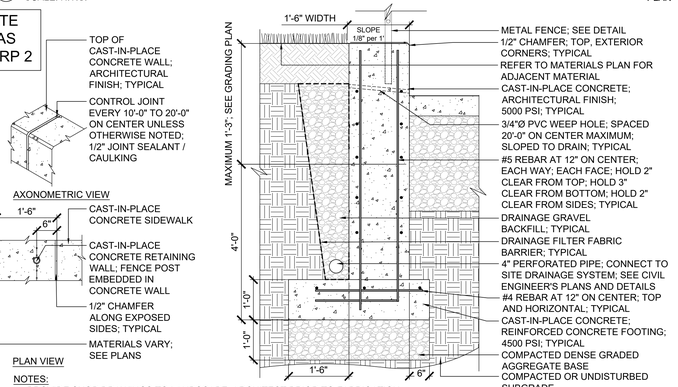
SCALE: N.T.S. — SECTION | AXONOMETRIC



2 GRANITE SLAB MONOLITHIC BENCH LAYOUT; STRAIGHT AND RADIAL CUT

SCALE: N.T.S. — PLAN

CONCRETE ISSUED AS PART OF ERP 2

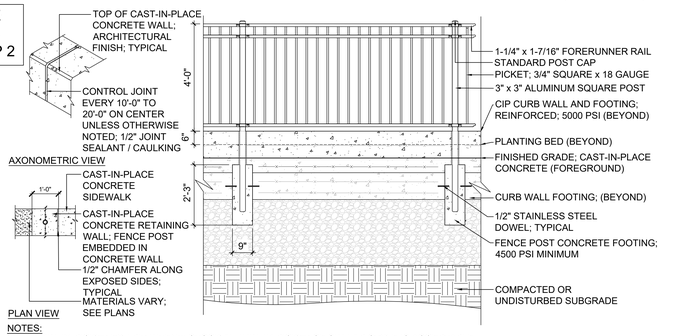


NOTES:
1. PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. VERIFY ALL WALL DIMENSIONS IN FIELD FOR SHOP DRAWINGS AND PRIOR TO WALL CONSTRUCTION.
3. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 50'-0" ON CENTER UNLESS OTHERWISE NOTED.

3 CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-6" WIDE

SCALE: N.T.S. — SECTION | AXONOMETRIC | PLAN

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALUMINUM PICKET EXHIBIT INTENT; STOCK ALUMINUM PICKET OF SIMILAR STYLE IS ACCEPTABLE.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
3. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 50'-0" ON CENTER UNLESS OTHERWISE NOTED.
4. ALL ALUMINUM PICKET COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
5. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

4 CAST-IN-PLACE CONCRETE LOW RETAINING WALL WITH EMBEDDED FENCE; 1'-0" WIDE

SCALE: N.T.S. — SECTION | AXONOMETRIC | PLAN

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

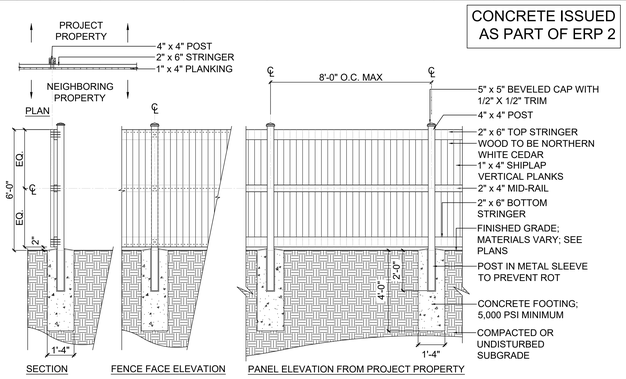
ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
DETAILS

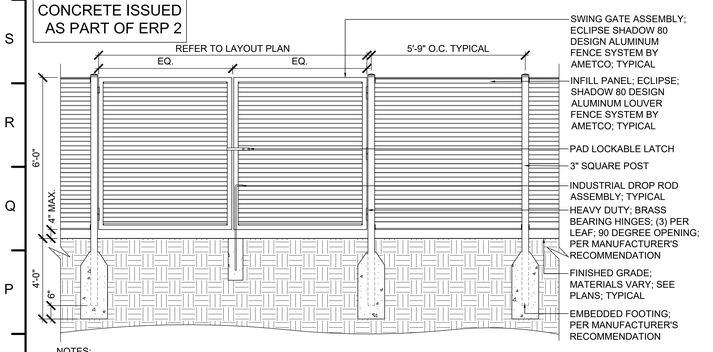
SHEET NUMBER:
L4.02

CONCRETE ISSUED AS PART OF ERP 2



10 WOOD PRIVACY FENCE; 6'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION | PLAN

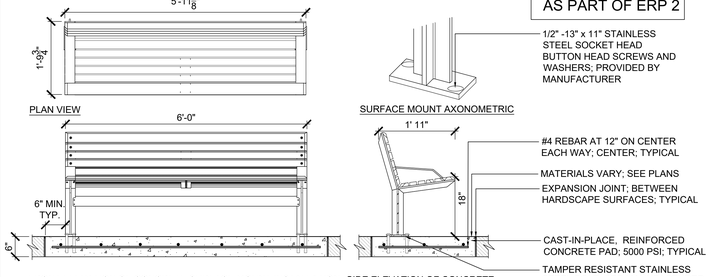
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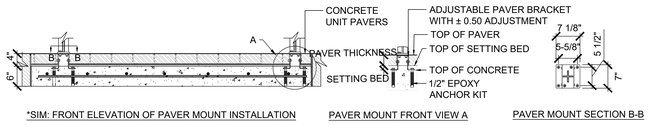
NOTES:
1. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
3. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.
4. FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

11 UTILITY SCREEN FENCE WITH 5'-0" WIDE DOUBLE GATES; 6'-0" HIGH; FENCE STRIP
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2

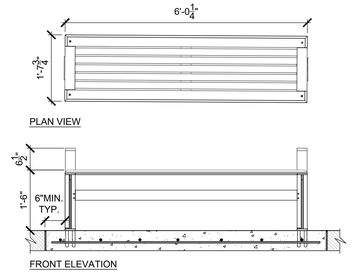


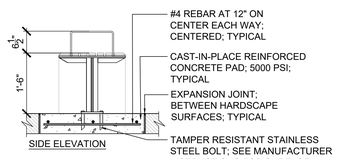
NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.



12 BENCH; 6'-0" LONG; BACKED WITH ARMS; SURFACE MOUNT; *SIM. WITH PAVER MOUNT BRACKET
SCALE: N.T.S. SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

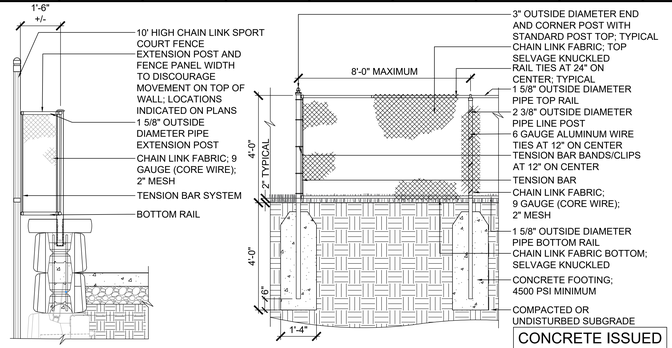




NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

13 BACKLESS BENCH; 6'-0" LONG; WITH ARMS; SURFACE MOUNT
SCALE: N.T.S. SECTION | AXONOMETRIC

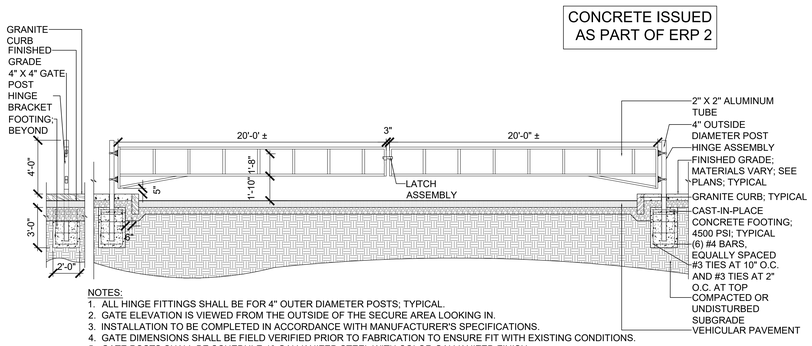
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. FABRICATOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PRODUCING SHOP DRAWINGS.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
3. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.

5 CHAIN LINK FENCE PANEL TO MEET ADJACENT FENCES; 4'-0" HIGH MESH; IN FRONT OF WALL
SCALE: N.T.S. SECTION

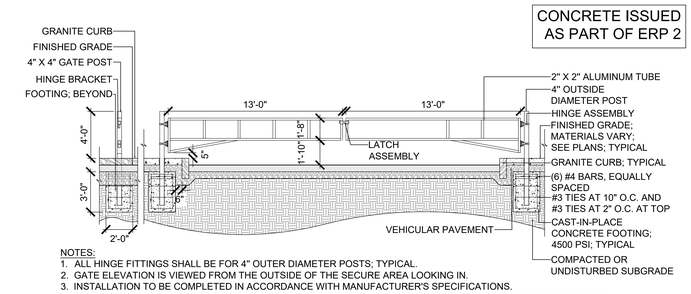
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

6 VEHICULAR BARRIER GATE; DOUBLE SWING; 40'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

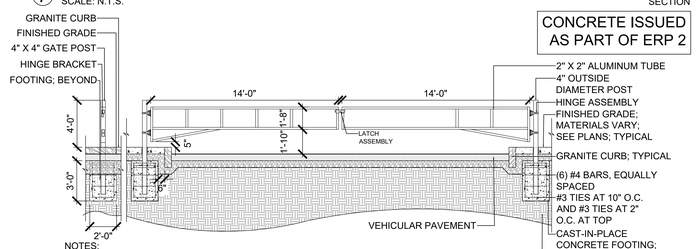
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NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

7 VEHICULAR BARRIER GATE; DOUBLE SWING; 26'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

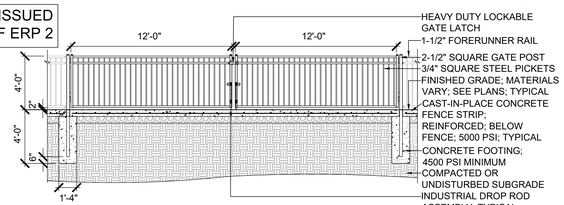
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NOTES:
1. ALL HINGE FITTINGS SHALL BE FOR 4" OUTER DIAMETER POSTS; TYPICAL.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.
5. GATE POSTS SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH COLOR GALVANIZED FINISH.
6. TWO ADDITIONAL GATE POSTS SHALL BE INSTALLED TO HOLD OPEN SWING GATES; SEE PLANS FOR LOCATION.

8 VEHICULAR BARRIER GATE; DOUBLE SWING; 28'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

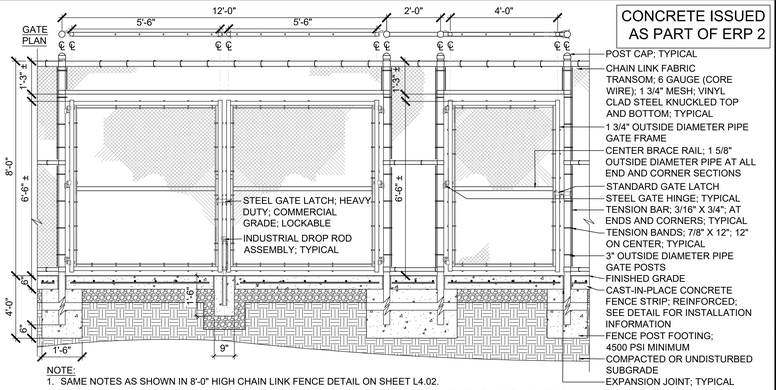
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NOTES:
1. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. GATE DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE FIT WITH EXISTING CONDITIONS.

9 STEEL BARRIER GATE; DOUBLE SWING; 24'-0" WIDE; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION

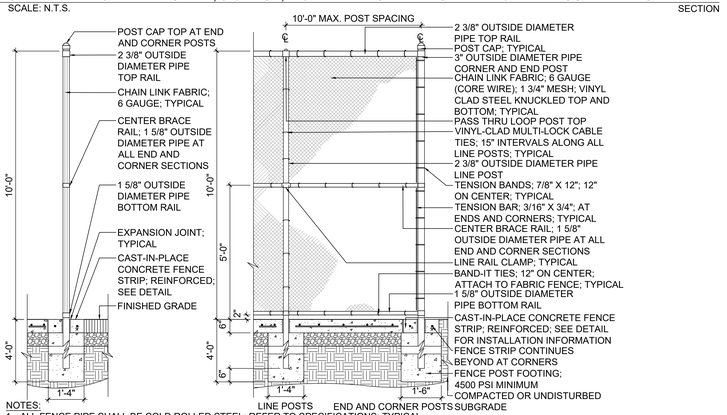
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NOTE:
1. SAME NOTES AS SHOWN IN 8'-0" HIGH CHAIN LINK FENCE DETAIL ON SHEET L4.02.

1 CHAIN LINK SPORT FIELD GATES; 8'-0" HIGH; 4'-0" WIDE SINGLE SWING AND 12'-0" WIDE DOUBLE SWING
SCALE: N.T.S. SECTION

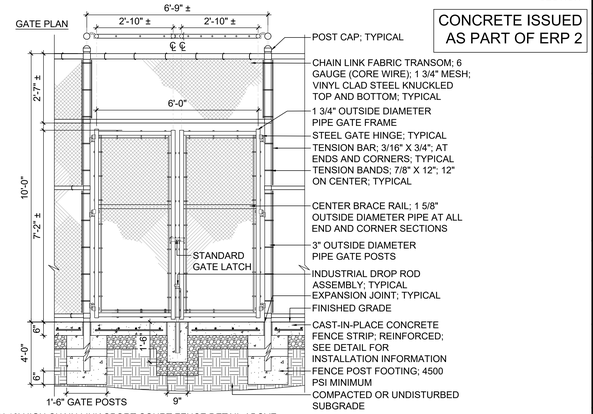
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL FENCE PIPE SHALL BE COLD ROLLED STEEL; REFER TO SPECIFICATIONS; TYPICAL.
2. ALL LINE POSTS SHALL BE INSTALLED EQUALLY SPACED BETWEEN END AND CORNER POSTS.
3. ALL CLAMPS, TIES, POST TOPS, BANDS, POSTS, ETC., SHALL BE VINYL CLAD TO MATCH FABRIC; TYPICAL.
4. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
5. ALL CHAIN LINK FENCE COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
7. FOR FENCES AT OR OVER 6'-0" HIGH CONCRETE FOOTINGS AND ATTACHMENTS TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

2 CHAIN LINK SPORT COURT FENCE; 10'-0" HIGH; CAST-IN-PLACE CONCRETE FOOTING; FENCE STRIP
SCALE: N.T.S. SECTION

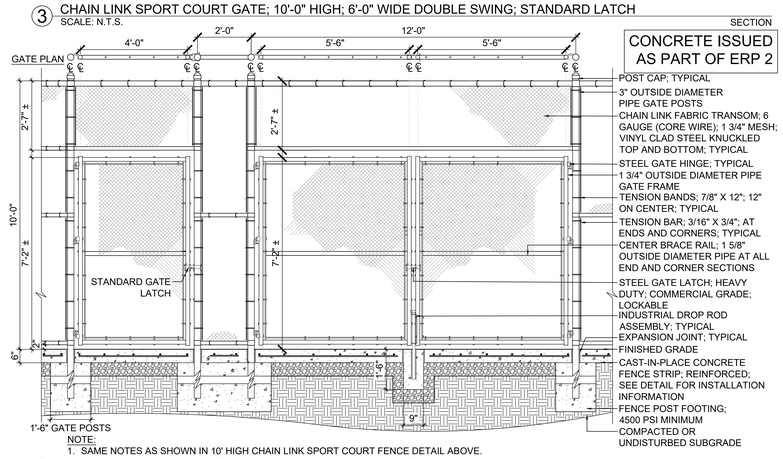
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS SHOWN IN 10' HIGH CHAIN LINK SPORT COURT FENCE DETAIL ABOVE.

3 CHAIN LINK SPORT COURT GATE; 10'-0" HIGH; 6'-0" WIDE DOUBLE SWING; STANDARD LATCH
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SAME NOTES AS SHOWN IN 10' HIGH CHAIN LINK SPORT COURT FENCE DETAIL ABOVE.

4 CHAIN LINK SPORT COURT GATES; 10'-0" HIGH; 4' WIDE SINGLE SWING AND 12' WIDE DOUBLE SWING
SCALE: N.T.S. SECTION

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:
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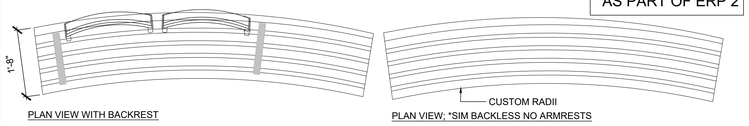
KEY PLAN

ORIENTATION AND SCALE:
AS NOTED

SHEET TITLE:
DETAILS

SHEET NUMBER:
L4.03

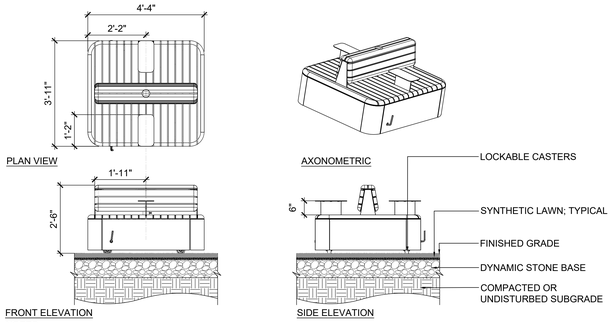
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. EACH BENCH SHALL HAVE CUSTOM INSIDE AND OUTSIDE RADIUS; PER PLAN. CONTRACTOR SHALL WORK WITH MANUFACTURER TO PRODUCE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
2. BENCH SHALL BE MOUNTED TO SUBSLAB.

10 CURVED BENCH; BACKED WITH ARMRESTS; PAVER MOUNT; *SIM BACKLESS

SCALE: N.T.S. — SECTION | PLAN

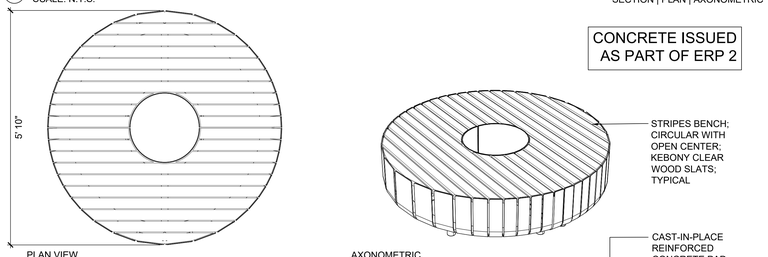


NOTES:
1. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

11 MOVABLE SQUARE SEATS; ON CASTERS

SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

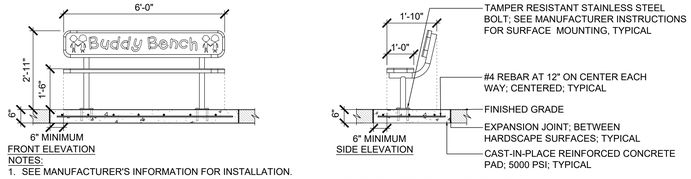


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. FINISH: HOT-DIP GALVANIZED AND POWDER COATED STEEL.

12 CIRCULAR BENCH; SURFACE MOUNT

SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

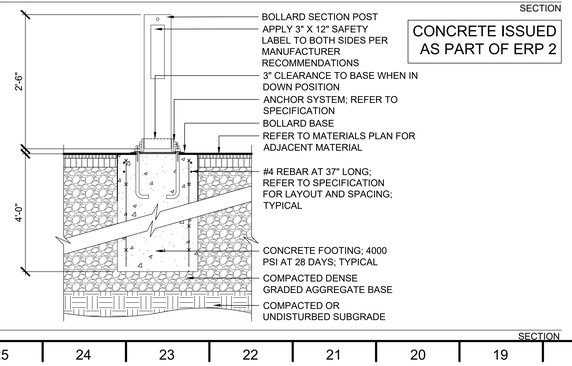


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

13 BUDDY BENCH; SURFACE MOUNT

SCALE: N.T.S. — SECTION

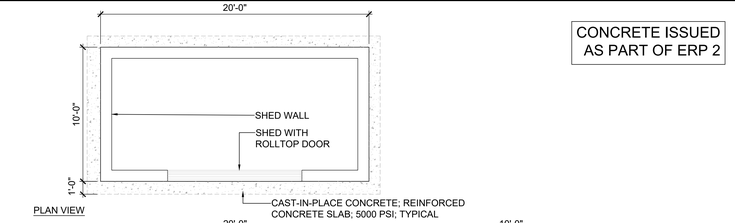
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14 COLLAPSIBLE BOLLARD

SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2

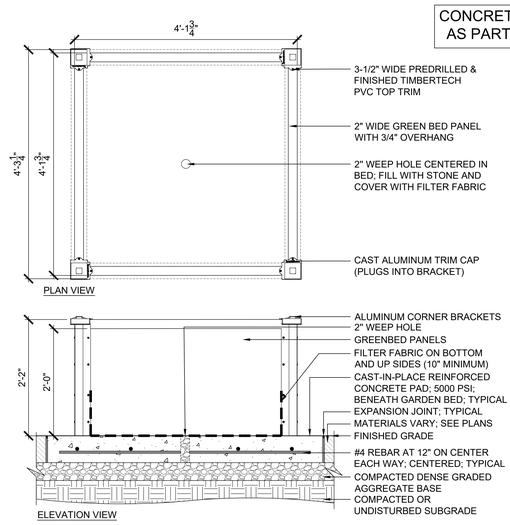


NOTES:
1. 10'-0" W x 12'-0" L x 12'-0" H; PRE-MANUFACTURED METAL STEEL STORAGE SHED BUILDING WITH STANDING SEEM ROOF AND EXTERIOR ROLL-UP DOOR AS SHOWN.
2. MANUFACTURER PAINTED FOR LONGEVITY AND WARRANTY.

6 PREFABRICATED SHED; 10'-0" BY 20'-0"; SET ON CAST-IN-PLACE CONCRETE PAD

SCALE: N.T.S. — SECTION

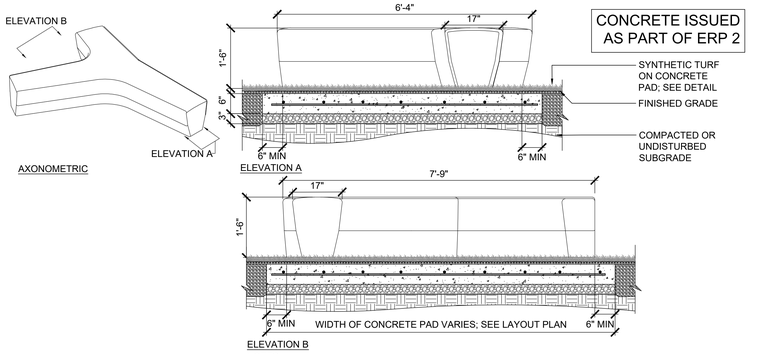
CONCRETE ISSUED AS PART OF ERP 2



7 RAISED GARDEN BED; ADA COMPLIANT; CAST-IN-PLACE CONCRETE PAD

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

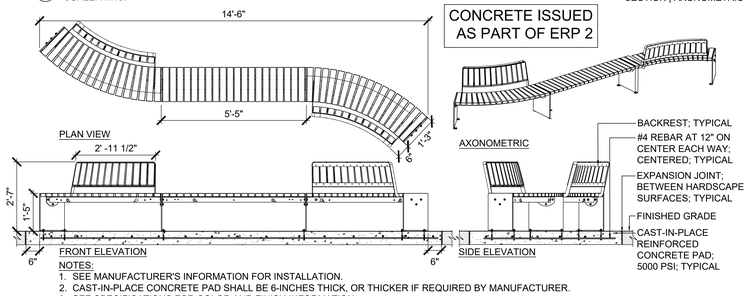


NOTES:
1. BENCH IS 3850 POUNDS AND IS FREESTANDING ON CAST-IN-PLACE CONCRETE PAD.

8 FREE-FORM BENCH; FREE-STANDING

SCALE: N.T.S. — SECTION | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

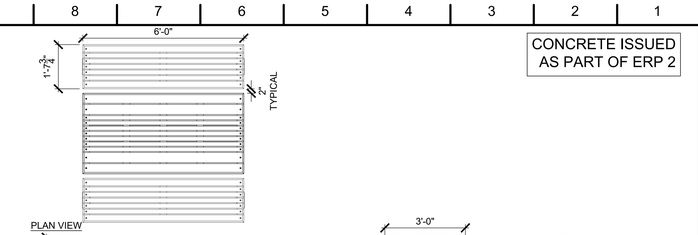


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

9 SCULPTURAL BENCH; SURFACE MOUNT

SCALE: N.T.S. — SECTION | PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2

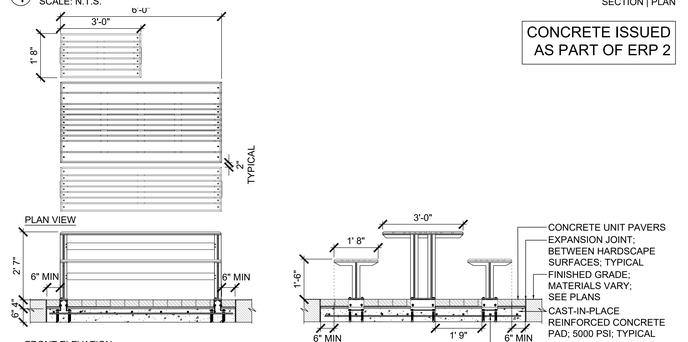


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

1 TABLE WITH INTEGRAL SEATS; WITH PAVER MOUNT BRACKET

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

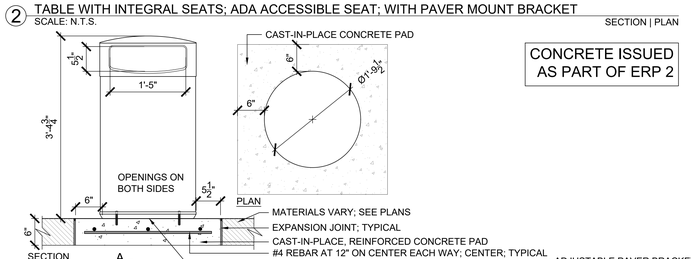


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.
3. SEE SPECIFICATIONS FOR COLOR AND FINISH INFORMATION.

2 TABLE WITH INTEGRAL SEATS; ADA ACCESSIBLE SEAT; WITH PAVER MOUNT BRACKET

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2

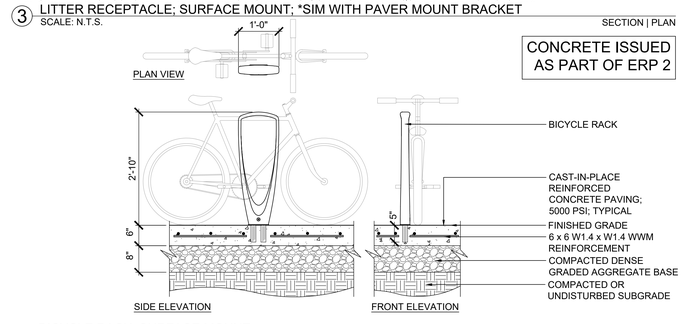


NOTES:
1. SEE MANUFACTURER'S INFORMATION FOR INSTALLATION AND FINISHES.
2. CAST-IN-PLACE CONCRETE PAD SHALL BE 6-INCHES THICK, OR THICKER IF REQUIRED BY MANUFACTURER.

3 LITTER RECEPTACLE; SURFACE MOUNT; *SIM WITH PAVER MOUNT BRACKET

SCALE: N.T.S. — SECTION | PLAN

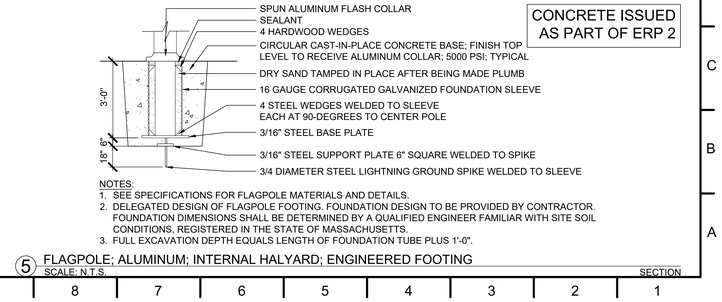
CONCRETE ISSUED AS PART OF ERP 2



4 BICYCLE RACK; SURFACE MOUNT

SCALE: N.T.S. — SECTION | PLAN

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE SPECIFICATIONS FOR FLAGPOLE MATERIALS AND DETAILS.
2. DELEGATED DESIGN OF FLAGPOLE FOOTING. FOUNDATION DESIGN TO BE PROVIDED BY CONTRACTOR. FOUNDATION DIMENSIONS SHALL BE DETERMINED BY A QUALIFIED ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS, REGISTERED IN THE STATE OF MASSACHUSETTS.
3. FULL EXCAVATION DEPTH EQUALS LENGTH OF FOUNDATION TUBE PLUS 1'-0".

5 FLAGPOLE; ALUMINUM; INTERNAL HALYARD; ENGINEERED FOOTING

SCALE: N.T.S. — SECTION

DORE + WHITTIER

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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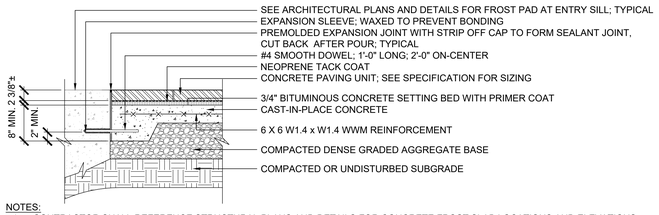
KEY PLAN

ORIENTATION AND SCALE:

AS NOTED

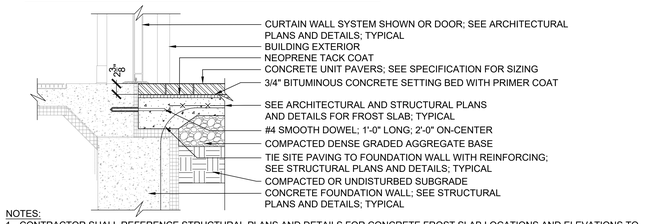
SHEET TITLE:
DETAILS

SHEET NUMBER:
L4.04



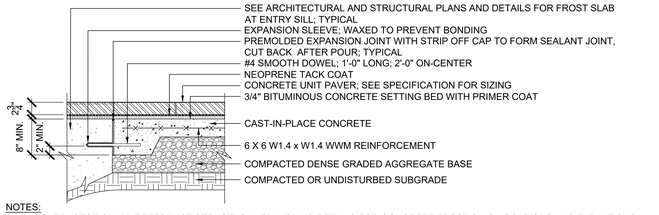
NOTES:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB WILL ACCEPT THE LINE AND GRADE OF THE CONCRETE UNIT PAVERS, INCLUDING THE TACK COAT AND SETTING BED LAYER. THE LINE AND GRADE BETWEEN PAVERS ON CAST-IN-PLACE SLAB AND CONCRETE FRONT SLAB SHALL BE FLUSH.
2. ALL STRUCTURAL CONCRETE FROST SLAB AND CONCRETE UNIT PAVER SLAB DEPTHS ARE DETAILED TO ACCEPT A 2 3/4" THICK CONCRETE UNIT PAVER AND 3/4" TACK COAT AND SETTING BED LAYER. PAVERS NOT CONFORMING TO SPECIFIED THICKNESS SHALL NOT BE GROUNDS FOR ADJUSTMENT OF CONCRETE PAD ELEVATIONS.

9a) ARCHITECTURAL FROST PAD MEETING UNIT PAVERS



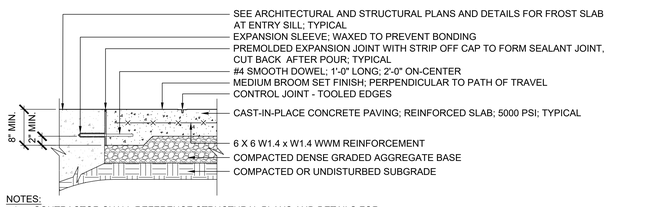
NOTES:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB WILL ACCEPT THE LINE AND GRADE OF THE CONCRETE UNIT PAVERS, INCLUDING THE TACK COAT AND SETTING BED LAYER. THE LINE AND GRADE BETWEEN PAVERS ON CAST-IN-PLACE SLAB AND CONCRETE FRONT SLAB SHALL BE FLUSH.
2. ALL STRUCTURAL CONCRETE FROST SLAB AND CONCRETE UNIT PAVER SLAB DEPTHS ARE DETAILED TO ACCEPT A 2 3/8" THICK CONCRETE UNIT PAVER AND 3/4" TACK COAT AND SETTING BED LAYER. PAVERS NOT CONFORMING TO SPECIFIED THICKNESS SHALL NOT BE GROUNDS FOR ADJUSTMENT OF CONCRETE PAD ELEVATIONS.

9b) ARCHITECTURAL FROST PAD UNDER CONCRETE UNIT PAVERS AT BUILDING



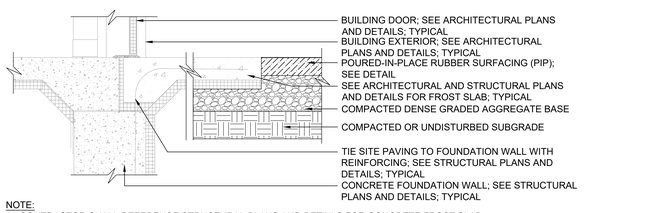
NOTES:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB WILL ACCEPT THE LINE AND GRADE OF THE CONCRETE UNIT PAVERS, INCLUDING THE TACK COAT AND SETTING BED LAYER. THE LINE AND GRADE BETWEEN PAVERS ON CAST-IN-PLACE SLAB AND CONCRETE FRONT SLAB SHALL BE FLUSH.
2. ALL STRUCTURAL CONCRETE FROST SLAB AND CONCRETE UNIT PAVER SLAB DEPTHS ARE DETAILED TO ACCEPT A 2 3/8" THICK CONCRETE UNIT PAVER AND 3/4" TACK COAT AND SETTING BED LAYER. PAVERS NOT CONFORMING TO SPECIFIED THICKNESS SHALL NOT BE GROUNDS FOR ADJUSTMENT OF CONCRETE PAD ELEVATIONS.

9c) ARCHITECTURAL FROST PAD UNDER CONCRETE UNIT PAVERS MEETING UNIT PAVERS



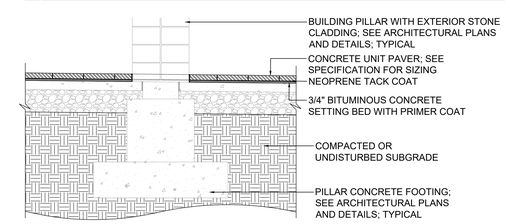
NOTES:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB MEETING THE GRADE OF THE CONCRETE PAVING SHALL BE FLUSH.

9d) ARCHITECTURAL FROST PAD MEETING CONCRETE PAVING



NOTE:
1. CONTRACTOR SHALL REFERENCE STRUCTURAL PLANS AND DETAILS FOR CONCRETE FROST SLAB LOCATIONS AND ELEVATIONS TO CONFIRM THE FROST SLAB MEETING THE GRADE OF THE POURED-IN-PLACE (PIP) TO BE FLUSH.

9e) ARCHITECTURAL FROST PAD MEETING PIP RESILIENT RUBBER SURFACING



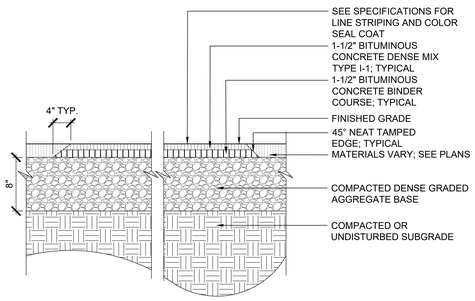
NOTES:
1. ALL CONCRETE UNIT PAVER SLAB DEPTHS ARE DETAILED TO ACCEPT A 2 3/4" THICK CONCRETE UNIT PAVER AND 3/4" TACK COAT AND SETTING BED LAYER. PAVERS NOT CONFORMING TO SPECIFIED THICKNESS SHALL NOT BE GROUNDS FOR ADJUSTMENT OF CONCRETE PAD ELEVATIONS.

CONCRETE ISSUED AS PART OF ERP 2

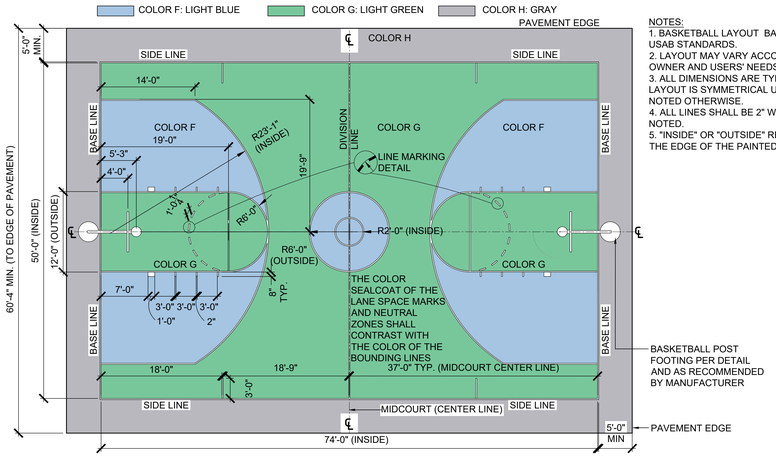
9f) ARCHITECTURAL BUILDING PILLAR MEETING UNIT PAVERS

9 ARCHITECTURAL FROST PAD OR BUILDING PILLAR ADJACENT TO VARIOUS MATERIALS
SCALE: N.T.S. — SECTION

ISSUED AS PART OF ERP 1

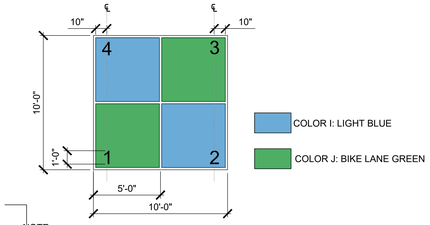


5 BITUMINOUS CONCRETE PAVING; SPORT COURT SURFACING (ISSUED AS PART OF ERP 1)
SCALE: N.T.S. — SECTION



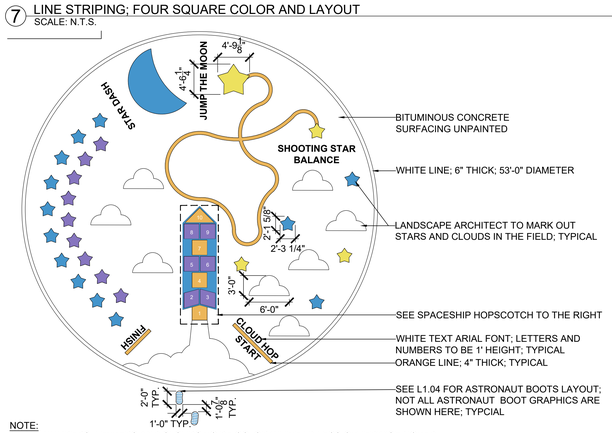
NOTES:
1. BASKETBALL LAYOUT BASED ON USAB STANDARDS.
2. LAYOUT MAY VARY ACCORDING TO OWNER AND USERS' NEEDS.
3. ALL DIMENSIONS ARE TYPICAL AND LAYOUT IS SYMMETRICAL UNLESS NOTED OTHERWISE.
4. ALL LINES SHALL BE 2" WIDE OR AS NOTED.
5. "INSIDE" OR "OUTSIDE" REFERS TO THE EDGE OF THE PAINTED LINES.

6 LINE STRIPING; BASKETBALL COURT COLOR AND LAYOUT
SCALE: N.T.S. — PLAN



NOTE:
1. ALL LINE PAINT AND NUMBERS 2" WIDE; COLOR WHITE UNLESS OTHERWISE NOTED.
2. SEE L1.04 FOR FOUR-SQUARE LAYOUT.

7 LINE STRIPING; FOUR SQUARE COLOR AND LAYOUT
SCALE: N.T.S. — PLAN

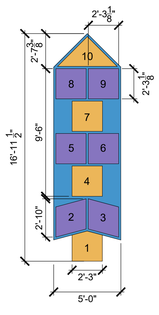


NOTE:
1. ALL NUMBERS, LETTERS AND CLOUDS TO BE COLOR WHITE UNLESS OTHERWISE NOTED.

COLOR I: LIGHT BLUE — COLOR L: ORANGE — COLOR K: TOLL LANE PURPLE
COLOR J: BIKE LANE GREEN — COLOR M: AIRFIELD YELLOW

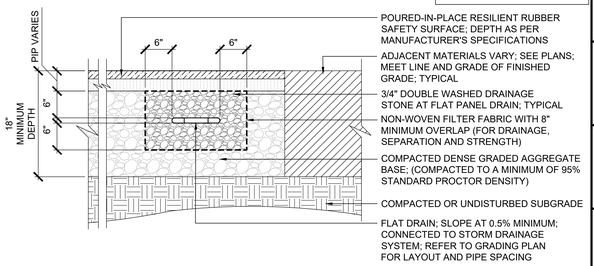
NOTES:
1. MARK COURTS & GRAPHICS AS SHOWN. SPORTS SEAL COATING TO BE APPLIED TO AREAS WITHIN MARKED BOUNDARIES ONLY.
2. POWER-WASH AREA WHERE SYSTEM IS TO BE APPLIED. FIRST APPLY 2 COATS OF MANUFACTURERS RESURFACER, THEN APPLY COLOR SEAL COATING CUSHION COAT AND FINISH COAT PER MANUFACTURERS INSTRUCTIONS.
3. ALL LINES TO BE APPLIED BY PAINTING BETWEEN MASKING TAPE WITH A PAINT BRUSH OR ROLLER. PRIME MASKED LINES WITH SEAL-A-LINE (OR APPROVED EQUAL) AND ALLOW TO DRY. PAINT LINES WITH NOVATEX (OR APPROVED EQUAL) TEXTURED LINE PAINT. REMOVE MASKING TAPE IMMEDIATE AFTER LINES ARE DRY. ALL LINES SHALL BE REGULATION WIDTH AND PLACEMENT PER APPLICABLE STANDARDS.
4. SEE SPECIFICATIONS OF SEALCOAT, STRIPING, AND PAINT PRODUCT INFORMATION.
5. TERRAINK TO PROVIDE CAD FILE TO CONTRACTOR UPON REQUEST.

8 LINE STRIPING; PARENT ROUND ABOUT PLAY GRAPHICS
SCALE: N.T.S. — PLAN



SPACESHIP HOPSCOTCH ENLARGEMENT

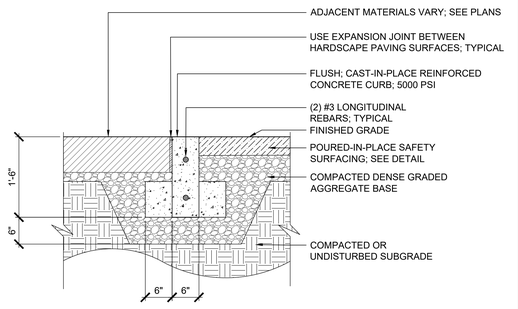
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. PITCH RESILIENT RUBBER SAFETY SURFACE 0.5% MINIMUM.
2. FOR ALL RESILIENT RUBBER SAFETY SURFACING AREAS, THE LICENSED (CPSI) CONTRACTOR MUST DETERMINE THE APPROPRIATE THICKNESS OF SAFETY SURFACING (BASED ON MANUFACTURER'S SPECS & SAFETY REQUIREMENTS) AND CALCULATE THE SUBSURFACE GRADES OF THE 95% MINIMUM COMPACTED DENSE GRADED AGGREGATE.
3. THE GRAVEL AGGREGATE MUST PITCH TO DRAIN.
4. ALL AREA DRAINS, CATCH BASINS & CLEAN OUTS FALLING WITHIN THE PLAY EQUIPMENT ZONES SHALL BE EMBEDDED UNDER THE SAFETY SURFACE LAYER.
5. SEE IRRIGATION DRAWINGS AND SPECIFICATIONS FOR FLAT DRAIN LAYOUT AND DETAILS.

1 POURED-IN-PLACE (PIP) RESILIENT RUBBER SURFACING; FLAT UNDER DRAINAGE SYSTEM
SCALE: N.T.S. — SECTION

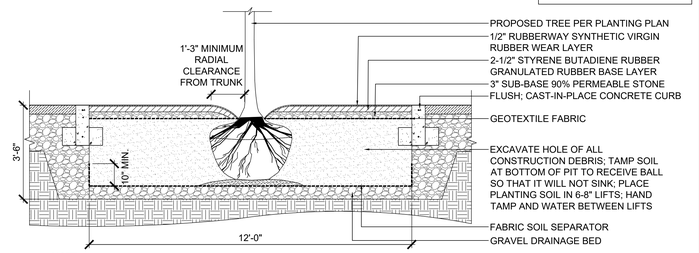
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. FLUSH CURB CORNERS ADJACENT TO RESILIENT SURFACING SHALL BE SQUARE TO ENSURE SMOOTH INTERFACE BETWEEN MATERIALS.
2. CONTRACTORS SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT, FULL DEPTH WITH SILICONE SEALANT EVERY 30' O.C. UNLESS OTHERWISE NOTED.
3. FLUSH CURB CORNER ADJACENT TO LAWN OR PLANT BEDS SHALL HAVE 1/2" CHAMFER.

2 POURED-IN-PLACE (PIP) ADJACENT TO FLUSH CAST-IN-PLACE CONCRETE CURB EDGING
SCALE: N.T.S. — SECTION

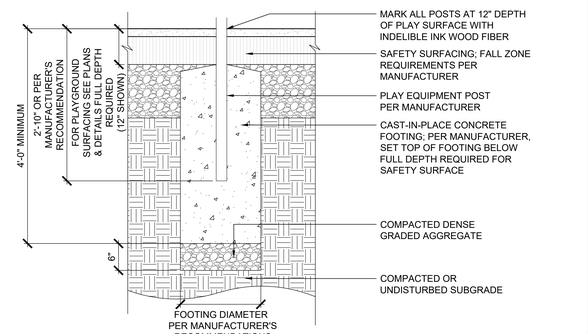
CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. LEAVE A 15" GAP FROM THE TRUNK OF THE TREE; USE A TEMPORARY SONO TUBE FORM AND REMOVE ONCE THE RUBBER HAS CURED.

3 FLEXIBLE PERVIOUS PAVEMENT AT TREE WELL
SCALE: N.T.S. — SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. ALL FOOTINGS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATION.
2. SEE MANUFACTURER'S X AND Y FOOTING LAYOUT PLAN FOR SPECIFIC POST LOCATIONS.

4 PLAY STRUCTURE POST; CAST-IN-PLACE CONCRETE FOOTING; GENERIC
SCALE: N.T.S. — SECTION

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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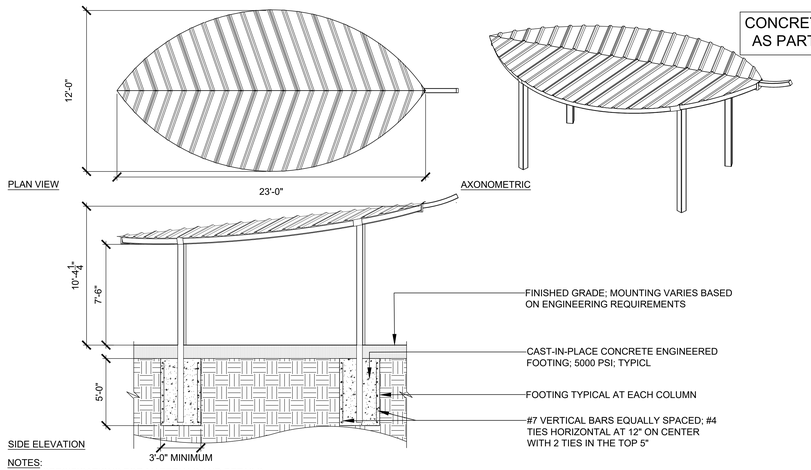
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KEY PLAN

AS NOTED

SHEET TITLE:
DETAILS

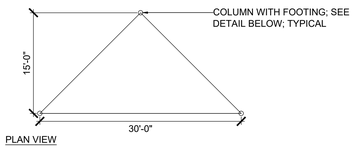
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L4.05



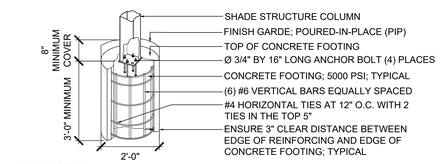
CONCRETE ISSUED AS PART OF ERP 2

NOTES:
1. SEE SPECIFICATIONS FOR MATERIALS AND DETAILS.
2. FOUNDATION DESIGN SHALL BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS.

⑦ SHADE STRUCTURE; METAL; LEAF SHAPE; 12-FOOT BY 23-FOOT; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. SECTION | PLAN | AXONOMETRIC



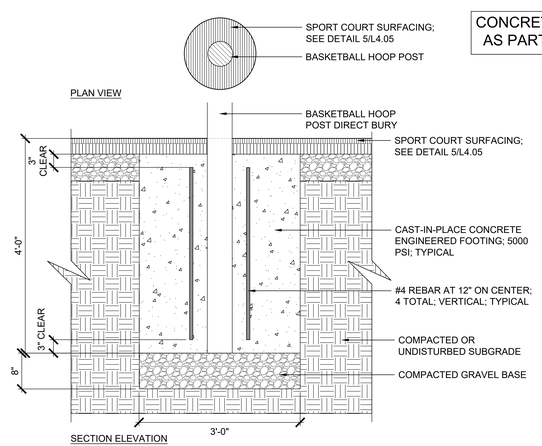
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SEE SPECIFICATIONS FOR MATERIALS AND DETAILS.
2. ALL CONNECTION COMPONENTS TO BE FACTORY WELDED.
3. FOUNDATION DESIGN SHALL BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER FAMILIAR WITH SITE SOIL CONDITIONS. SUBMIT SHOP DRAWINGS STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

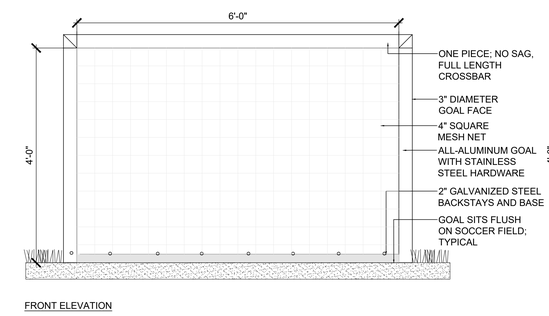
⑧ SHADE STRUCTURE; METAL; CAST-IN-PLACE CONCRETE FOOTING
SCALE: N.T.S. PLAN | AXONOMETRIC

CONCRETE ISSUED AS PART OF ERP 2



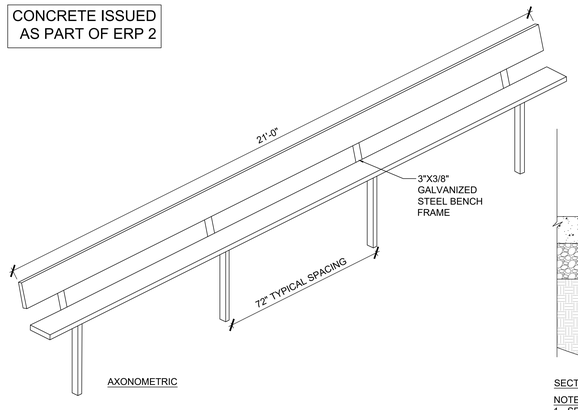
NOTES:
1. REFER TO BASKETBALL HOOP MANUFACTURER FOR SIZE OF FOOTING AND ATTACHMENTS.
2. BASKETBALL HOOP CAST-IN-PLACE CONCRETE FOOTING AND DIRECT BURY TO BE REVIEWED AND APPROVED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
3. IF LEDGE PREVENTS CONCRETE FOOTING FROM REACHING SPECIFIED DEPTH; PIN FOOTING TO LEDGE WITH DRILLED AND GROUTED DOWELS PER STRUCTURAL ENGINEERING RECOMMENDATION.

⑨ BASKETBALL HOOP AND POST; 10'-0" HIGH; CONCRETE FOOTING
SCALE: N.T.S. PLAN | SECTION



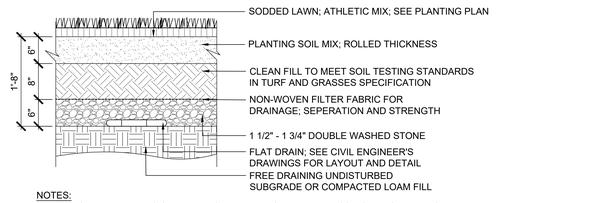
① SOCCER GOAL; FREE-STANDING
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTE:
1. SEE PLANS FOR SCORING PATTERN.

② PLAYERS BENCH ON CONCRETE PAD; CONCRETE FOOTING
SCALE: N.T.S. SECTION | AXONOMETRIC



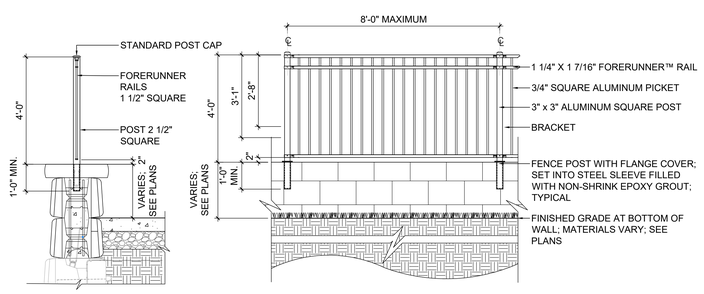
NOTES:
1. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED UNLESS NOTED OTHERWISE.
2. THE GRAVEL AGGREGATE MUST PITCH TO DRAIN; PER CIVIL ENGINEER'S DRAWINGS.
3. SEE CIVIL ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR FLAT DRAIN LAYOUT AND DETAIL.

④ TURFGRASS ATHLETIC FIELD; SOD LAWN; IRRIGATED AND UNDER DRAINAGE
SCALE: N.T.S. SECTION



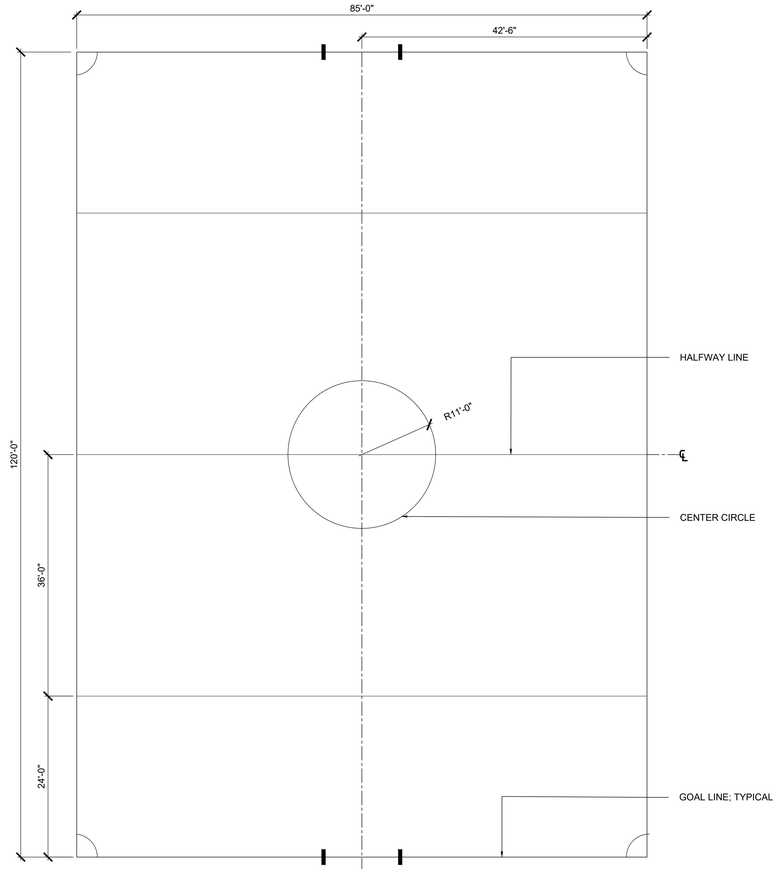
NOTES:
1. REFER TO CIVIL ENGINEER'S PLANS AND DETAILS FOR SPORTS FIELD DRAINAGE SYSTEM.
2. REFER TO GEOTECH AND EARTHWORK SPECIFICATIONS.

⑤ TURFGRASS INFORMAL ATHLETIC FIELD; NON-IRRIGATED AND NO UNDER DRAINAGE
SCALE: N.T.S. SECTION



NOTES:
1. ALUMINUM PICKET EXHIBIT INTENT; STOCK ALUMINUM PICKET OF SIMILAR STYLE IS ACCEPTABLE.
2. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.
3. ALL ALUMINUM PICKET COMPONENT FINISHES TO BE VINYL COATED; COLOR BLACK.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
5. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.

⑥ DECORATIVE ALUMINUM FENCE; 4'-0" HIGH; CORE DRILLED INTO MODULAR BLOCK RETAINING WALL
SCALE: N.T.S. SECTION



NOTES:
1. LAYOUT MAY VARY ACCORDING TO OWNER AND USERS' NEEDS.
2. ALL DIMENSIONS SHOWN ARE TO THE INSIDE OF THE LINES.
3. ALL FIELD MARKING LINES SHOULD BE NO MORE THAN 5 INCHES WIDE AND NO LESS THAN 4 INCHES WIDE.

③ SOCCER FIELD LAYOUT; U8
SCALE: N.T.S. PLAN

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

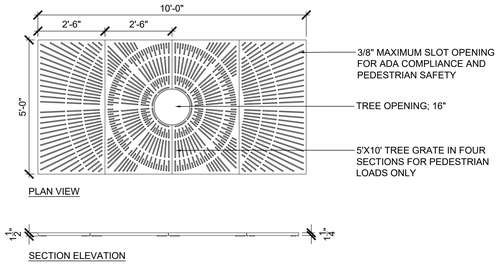
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KEY PLAN

AS NOTED

SHEET TITLE:
DETAILS

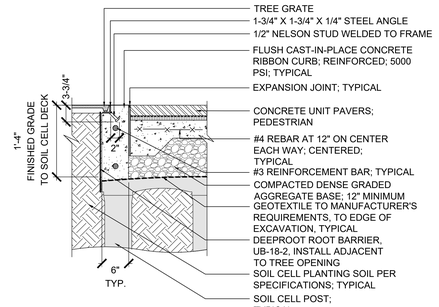
SHEET NUMBER:
L4.06



3 TREE GRATE; 5'-0" BY 10'-0" ; 16" TREE OPENING; CAST-IRON
SCALE: N.T.S.

SECTION | PLAN

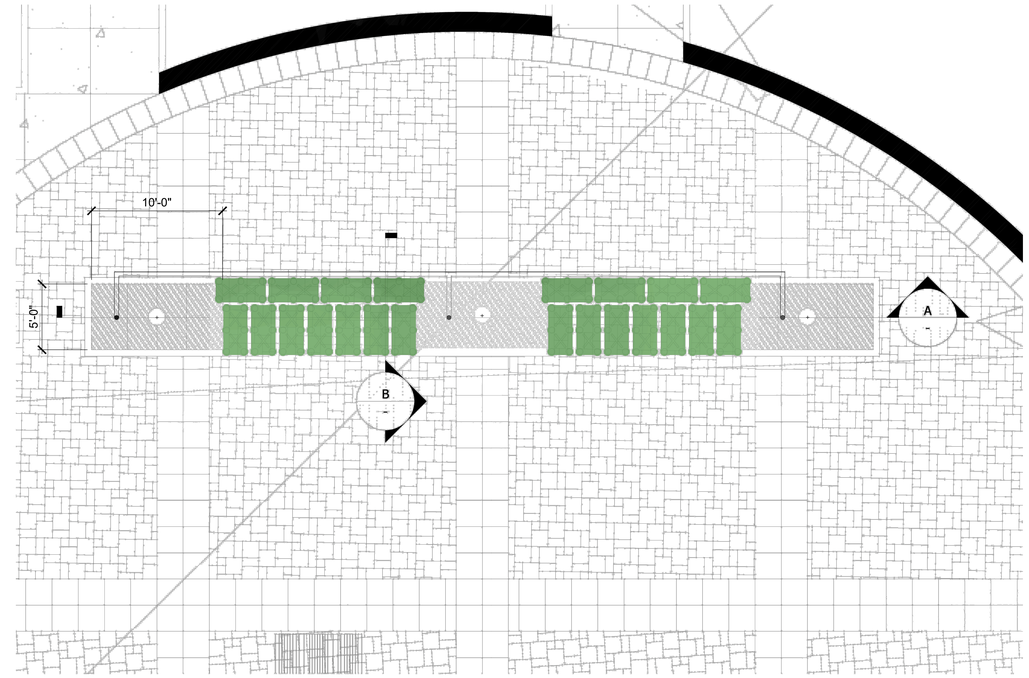
CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. CONTRACTOR SHALL PROVIDE 1/2" PREMOLDED POLYETHYLENE FOAM EXPANSION JOINT; FULL DEPTH WITH SILICONE SEALANT EVERY 30'-0" ON CENTER UNLESS OTHERWISE NOTED.
2. SEE MANUFACTURERS' RECOMMENDATIONS FOR TREE GRATE AND SOIL CELL INSTALLATION.

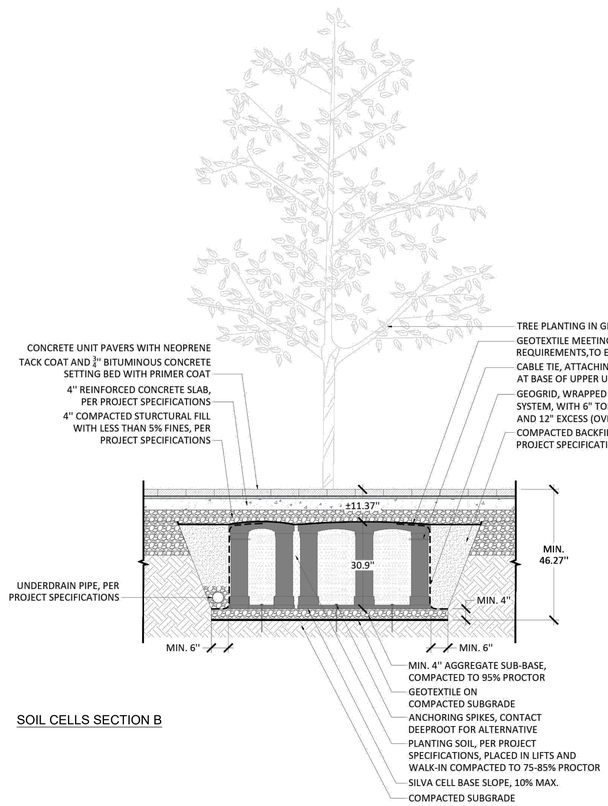
4 CAST-IN-PLACE CONCRETE RIBBON CURB; FLUSH AT TREE GRATE
SCALE: N.T.S.

SECTION

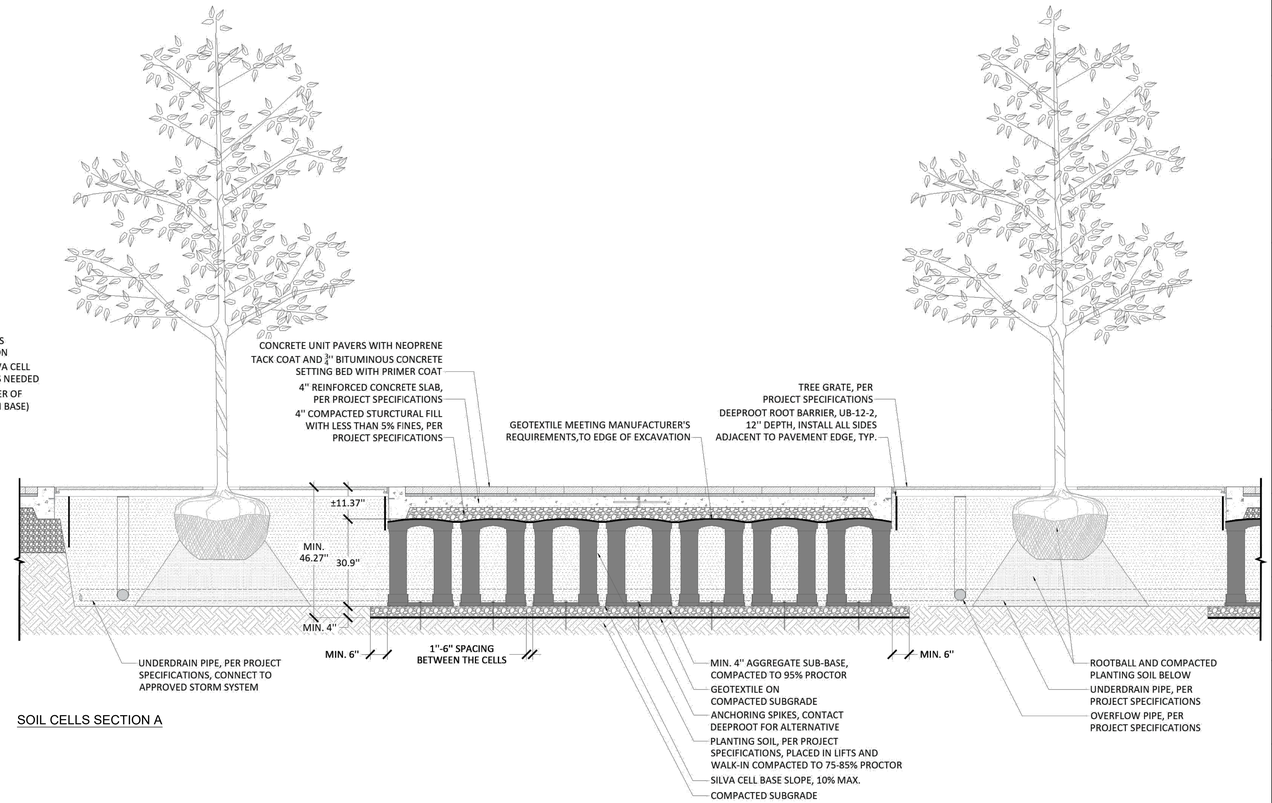


1 SOIL CELLS LAYOUT
SCALE: N.T.S.

PLAN



SOIL CELLS SECTION B



SOIL CELLS SECTION A

2 SOIL CELLS SECTIONS
SCALE: N.T.S.

SECTION

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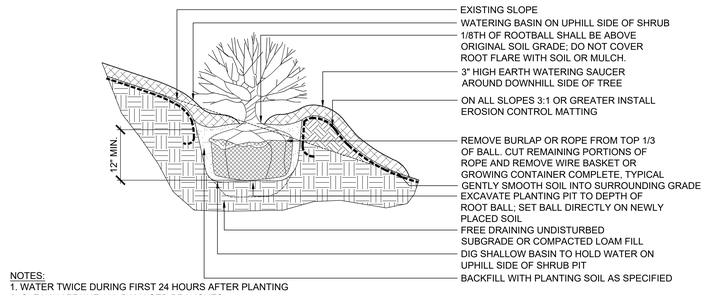
KEY PLAN

ORIENTATION AND SCALE:

AS NOTED

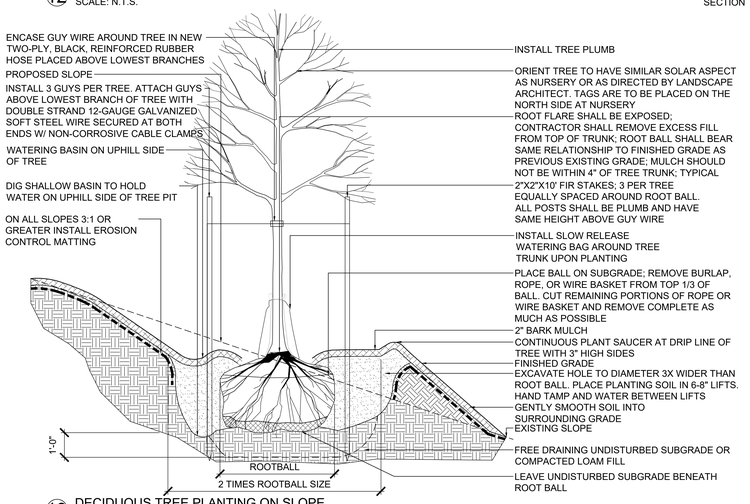
SHEET TITLE:
DETAILS - SOIL CELLS

SHEET NUMBER:
L4.07

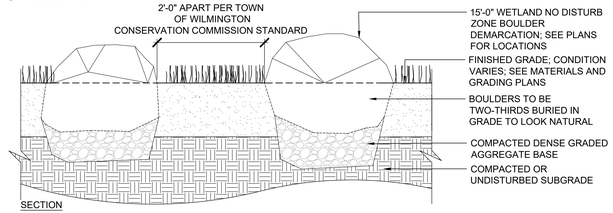


NOTES:
1. WATER TWICE DURING FIRST 24 HOURS AFTER PLANTING
2. CLEANLY PRUNE ALL DAMAGED BRANCHES.
3. SHRUB SHALL BE PLUMB AFTER SETTLEMENT.

12 SHRUB PLANTING ON SLOPE
SCALE: N.T.S. SECTION



13 DECIDUOUS TREE PLANTING ON SLOPE
SCALE: N.T.S. SECTION

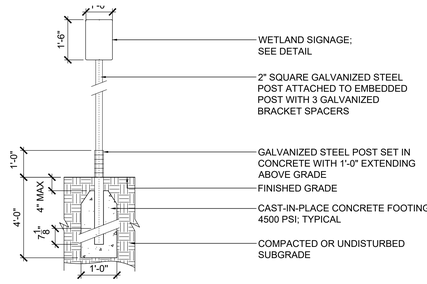


SECTION

NOTES:
1. NATURAL FIELDSTONE BOULDERS TO BE IRREGULAR IN SIZE AND SHAPE.
2. ALL SHARP EDGES TO BE GROUND SMOOTH TO PREVENT FALL INJURY.
3. STONE SIZES SHOULD VARY BETWEEN 2'-6" T0 3'-0".

14 WETLAND NO DISTURB ZONE BOULDER DEMARCATION
SCALE: N.T.S. SECTION

CONCRETE ISSUED AS PART OF ERP 2



NOTES:
1. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
3. REFER TO MANUFACTURER'S SPECIFICATION FOR SIZE OF FOOTINGS AND ATTACHMENTS.
4. SIGNAGE TO BE INSTALLED AT 15'-0" WETLAND NO DISTURB ZONE DEMARCATION. SEE PLANS FOR LOCATIONS.

15 SITE SIGNAGE AND POST; CONCRETE FOOTER
SCALE: N.T.S. SECTION



CON COM SNOW STORAGE SIGN

DESCRIPTION:
.080" ALUMINUM PANEL WITH DIGITAL PRINTING

COLORS:
BLUE - BACKGROUND
WHITE - TEXT

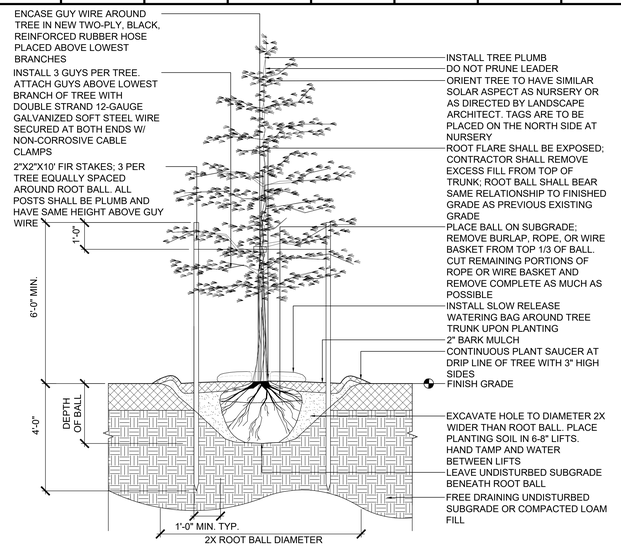
SIZE:
18"H X 12"W

TYPE FACE:
FOOTLIGHT MT

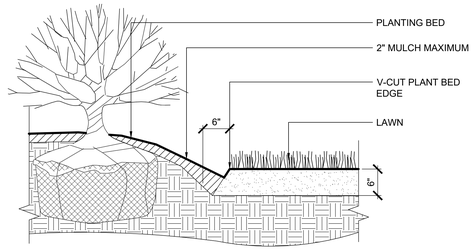
SIDES:
1-SIDED

NOTES:
1. WHERE INDICATED ON PLAN, MOUNT TO 2" SQUARE GALVANIZED STEEL POST; SEE DETAIL.
2. SHOP DRAWINGS REQUIRED, SHOWING FULL SIZE DIMENSIONS, COLOR, FONT TYPE AND GRAPHICS, FOR REVIEW AND APPROVAL BY OWNER.
3. USE WEATHER RESISTANT HARDWARE FOR ATTACHMENT TO STEEL POST, AS INDICATED IN DRAWINGS AND CONFIRMED BY OWNER. FURNISHED AND INSTALLED BY CONTRACTOR.

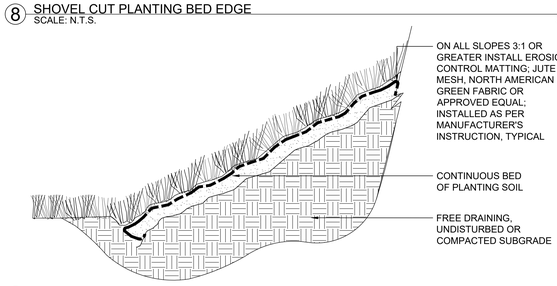
16 WETLAND SIGNAGE; TO BE MOUNTED ONTO POST
SCALE: N.T.S. SECTION



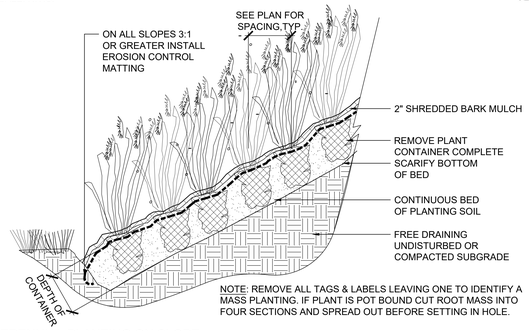
7 EVERGREEN TREE PLANTING
SCALE: N.T.S. SECTION



8 SHOVEL CUT PLANTING BED EDGE
SCALE: N.T.S. SECTION

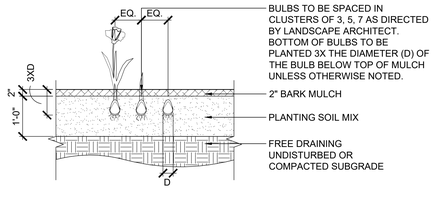


9 LAWN PLANTING ON SLOPE
SCALE: N.T.S. SECTION

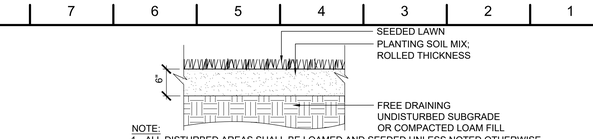


NOTE: REMOVE ALL TAGS & LABELS LEAVING ONE TO IDENTIFY A MASS PLANTING. IF PLANT IS POT BOUND CUT ROOT MASS INTO FOUR SECTIONS AND SPREAD OUT BEFORE SETTING IN HOLE.

10 PERENNIAL PLANTING ON SLOPE
SCALE: N.T.S. SECTION

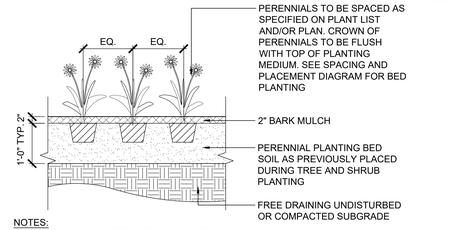


11 BULB PLANTING
SCALE: N.T.S. SECTION



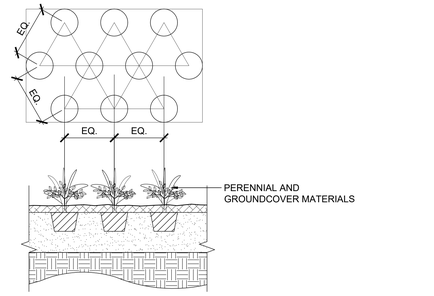
NOTE:
1. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED UNLESS NOTED OTHERWISE.

1 SEED LAWN
SCALE: N.T.S. SECTION

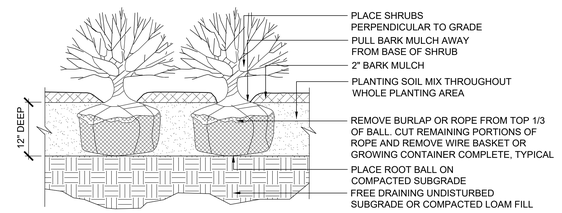


NOTES:
1. LOOSEN ROOT SYSTEM BEFORE PLANTING.
2. IF PLANT IS POT BOUND, CUT ROOT MASS INTO FOUR SECTIONS AND SPREAD OUT IN HOLE.

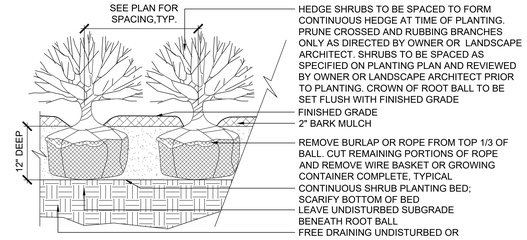
2 PERENNIAL PLANTING
SCALE: N.T.S. SECTION



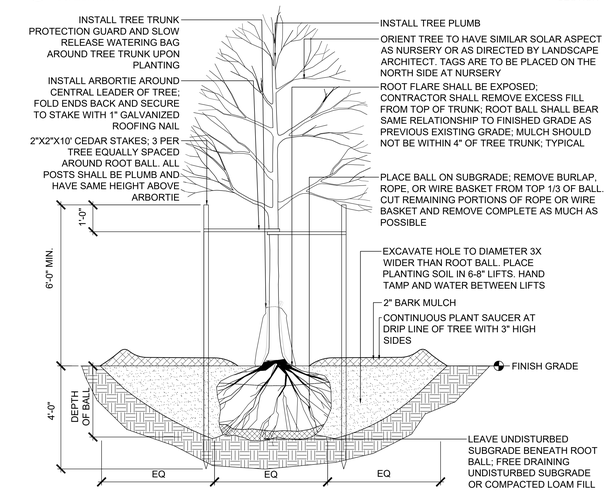
3 HERBACEOUS SPACING CHART
SCALE: N.T.S. PLAN | SECTION



4 SHRUB PLANTING
SCALE: N.T.S. SECTION



5 HEDGE PLANTING
SCALE: N.T.S. SECTION



6 DECIDUOUS TREE PLANTING
SCALE: N.T.S. SECTION

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KEY PLAN

ORIENTATION AND SCALE:

AS NOTED

SHEET TITLE:
DETAILS - PLANTING

SHEET NUMBER:
L4.08

UNDERDRAIN SYSTEM LEGEND		
SYMBOL	NAME	DETAIL #
	RIGID COLLECTOR UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	1, 3, 4
	RIGID PERFORATED UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	2, 4
	6" FLEXIBLE PERFORATED COLLECTOR UNDERDRAIN MUCK PIPE	3
	4" FLEXIBLE PERFORATED UNDERDRAIN MUCK PIPE	3
	INSPECTION PORT	5
	DRAIN CLEANOUT	6

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PLAN
Scale 1" = 30'
0 15 30 60 90

IR-103, IR-301 & IR-302

IR-101

IR-102

MATCHLINE IR-101
MATCHLINE IR-102
MATCHLINE IR-102
MATCHLINE IR-103

WILMINGTON ELEMENTARY SCHOOL
PROPOSED FIRST FLOOR ELEV. = 96.5

L2.01
L2.02

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*NOTE: LANDSCAPE DRAWINGS HAVE BEEN COMPILED USING THE FOLLOWING PLANS TO CREATE THE OVERALL SITE BASE:

- DORE + WHITTIER BUILDING FOOTPRINT DATED 10 APRIL 2026
- NITSCH ENGINEERING EXISTING CONDITIONS SURVEY DATED 13 FEBRUARY 2026
- CDW CONSULTANTS INC. LAYOUT PLAN, UTILITIES AND GRADING PLANS; DATED 21 APRIL 2026

REVISIONS:

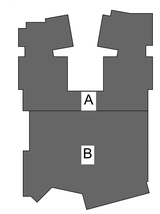
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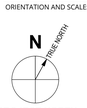
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

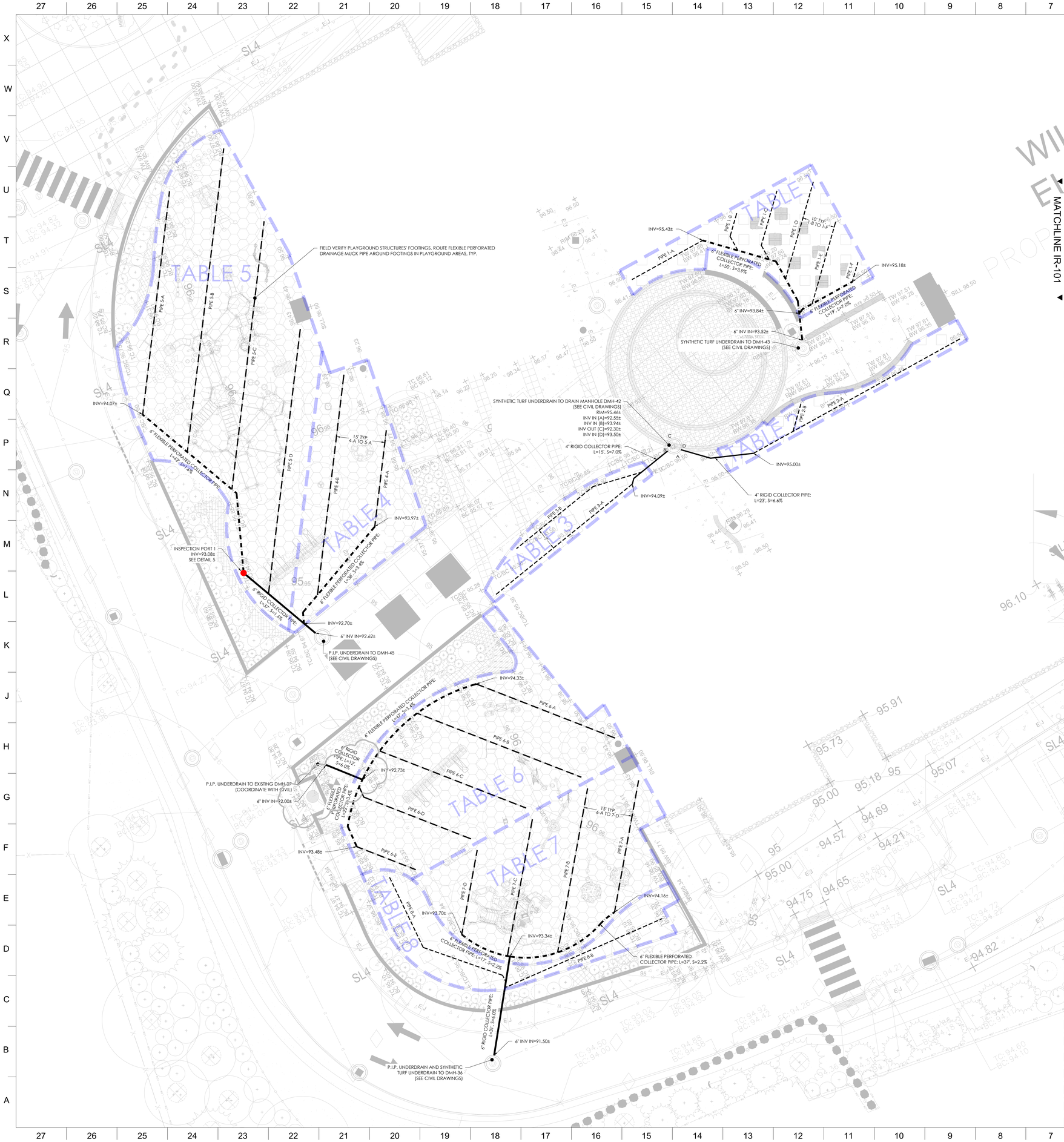
SCALE: AS INDICATED

SHEET TITLE:

OVERALL UNDERDRAIN LAYOUT PLAN

SHEET NUMBER:

IR-100



UNDERDRAIN SYSTEM LEGEND

SYMBOL	NAME	DETAIL #
	RIGID COLLECTOR UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	1, 3, 4
	RIGID PERFORATED UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	2, 4
	6" FLEXIBLE PERFORATED COLLECTOR UNDERDRAIN MUCK PIPE	3
	4" FLEXIBLE PERFORATED UNDERDRAIN MUCK PIPE	3
	INSPECTION PORT	5
	DRAIN CLEANOUT	6

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AQUEOUS CONSULTANTS, LLC
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Andover, MA 01810
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PLAN
Scale 1" = 10'
0 5 10 20 30

TABLE 1

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 1-A	3" RIGID PERFORATED	95.68	25	1.00%	95.43
PIPE 1-B		95.71	12	6.01%	94.98
PIPE 1-C		95.71	22	5.05%	94.59
PIPE 1-D		95.68	31	4.53%	94.27
PIPE 1-E		95.50	26	5.01%	94.19
PIPE 1-F		95.33	6	2.42%	95.18

TABLE 2

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 2-A	3" RIGID PERFORATED	95.73	73	1.00%	95.00

TABLE 3

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 3-A	3" RIGID PERFORATED	94.63	54	1.00%	94.09
PIPE 3-B		94.89	46	2.47%	93.75

TABLE 4

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 4-A	4" FLEXIBLE PERFORATED	94.50	30	1.77%	93.97
PIPE 4-B		94.86	68	2.69%	93.04

TABLE 5

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 5-A	4" FLEXIBLE PERFORATED	94.76	69	1.00%	94.07
PIPE 5-B		95.14	94	1.44%	93.79
PIPE 5-C		95.09	83	1.92%	93.50
PIPE 5-D		95.08	82	2.64%	92.91

TABLE 6

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 6-A	4" FLEXIBLE PERFORATED	95.11	46	1.70%	94.33
PIPE 6-B		94.87	54	2.29%	93.64
PIPE 6-C		94.58	48	3.13%	93.08
PIPE 6-D		94.29	39	3.79%	92.81
PIPE 6-E		94.00	19	2.75%	93.48

TABLE 7

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 7-A	4" FLEXIBLE PERFORATED	95.11	41	2.32%	94.16
PIPE 7-B		94.85	51	2.29%	93.68
PIPE 7-C		94.56	43	2.81%	93.35
PIPE 7-D		94.27	26	2.20%	93.70

TABLE 8

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 8-A	3" RIGID PERFORATED	94.63	53	3.33%	92.86
PIPE 8-B	3" RIGID PERFORATED	95.39	53	4.95%	92.76

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PROJECT NUMBER: 23-0847

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- NITSCH ENGINEERING EXISTING CONDITIONS SURVEY DATED 13 FEBRUARY 2026
- CDW CONSULTANTS INC. LAYOUT PLAN, UTILITIES AND GRADING PLANS; DATED 21 APRIL 2026

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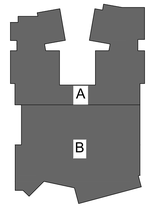
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH

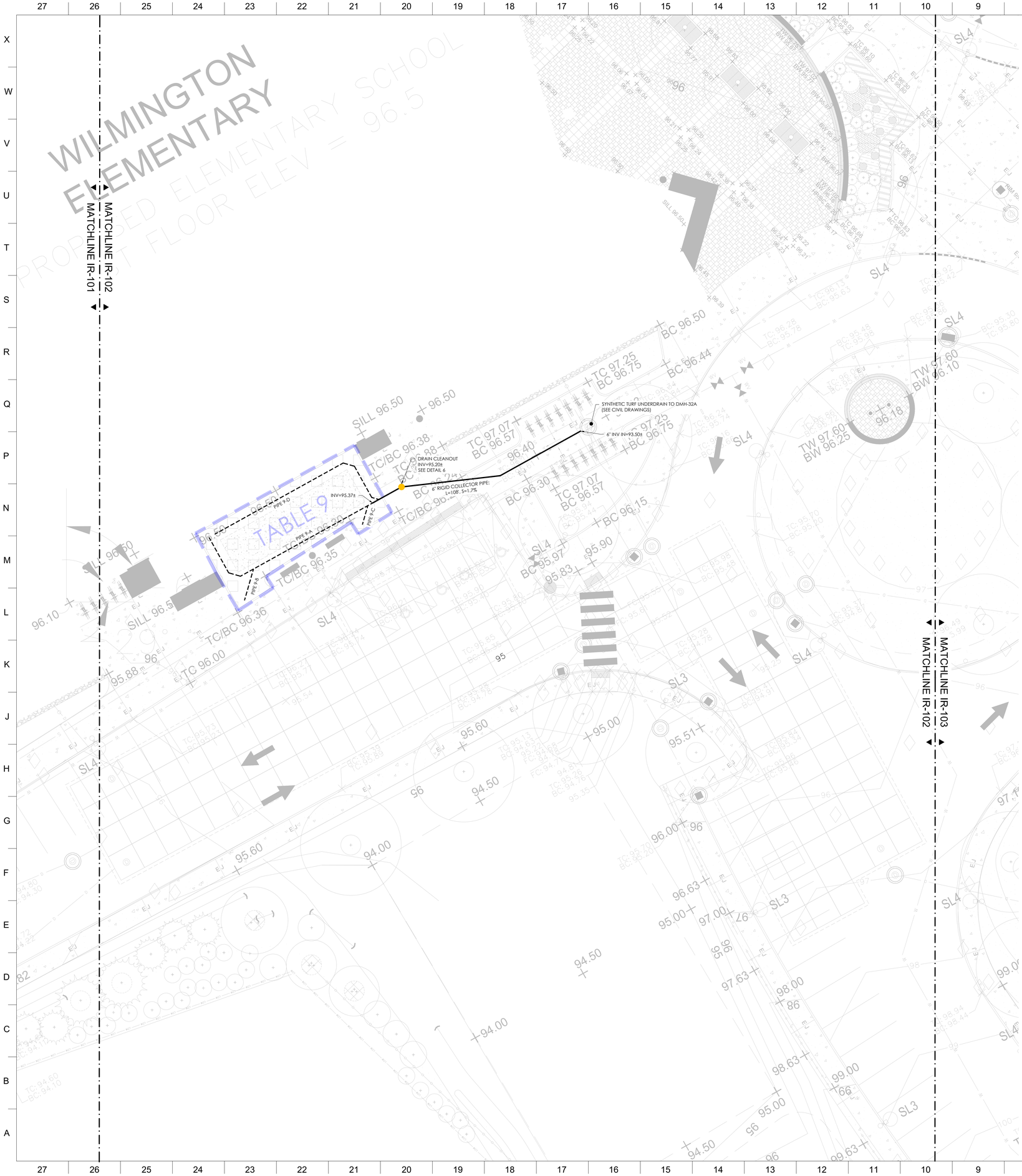
PROJECT NORTH SCALE: AS INDICATED

SHEET TITLE:

WEST UNDERDRAIN LAYOUT PLAN

SHEET NUMBER:

IR-101



UNDERDRAIN SYSTEM LEGEND

SYMBOL	NAME	DETAIL #
	RIGID COLLECTOR UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	1, 3, 4
	RIGID PERFORATED UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	2, 4
	6" FLEXIBLE PERFORATED COLLECTOR UNDERDRAIN MUCK PIPE	3
	4" FLEXIBLE PERFORATED UNDERDRAIN MUCK PIPE	3
	INSPECTION PORT	5
	DRAIN CLEANOUT	6

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PLAN
Scale 1" = 10'
0 5 10 20 30

TABLE 9

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 9-A	3" RIGID PERFORATED	95.69	61	0.52%	95.37
PIPE 9-B		95.37	10	1.00%	95.26
PIPE 9-C		95.41	6	5.72%	95.06
PIPE 9-D		95.69	60	0.59%	95.33

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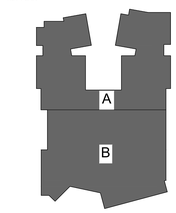
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
PROJECT NORTH
SCALE: AS INDICATED

SHEET TITLE:

CENTRAL UNDERDRAIN LAYOUT PLAN

SHEET NUMBER:

IR-102



UNDERDRAIN SYSTEM LEGEND

SYMBOL	NAME	DETAIL #
	RIGID COLLECTOR UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	1, 3, 4
	RIGID PERFORATED UNDERDRAIN PIPE (SIZE NOTED ON PLAN)	2, 4
	6" FLEXIBLE PERFORATED COLLECTOR UNDERDRAIN MUCK PIPE	3
	4" FLEXIBLE PERFORATED UNDERDRAIN MUCK PIPE	3
	INSPECTION PORT	5
	DRAIN CLEANOUT	6

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PLAN
Scale 1" = 10'
0 5 10 20 30

TABLE 10

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 10-A	4" FLEXIBLE PERFORATED	94.33	24	0.72%	94.16
PIPE 10-B		94.53	50	2.20%	93.43
PIPE 10-C		94.88	122	1.79%	92.70

TABLE 11

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 11-A	4" FLEXIBLE PERFORATED	94.00	18	2.79%	93.50
PIPE 11-B		94.38	61	1.90%	93.22
PIPE 11-C		94.76	104	1.75%	92.94
PIPE 11-D		94.94	125	1.83%	92.66
PIPE 11-E		95.19	137	2.05%	92.38
PIPE 11-F		94.90	140	1.96%	92.16

TABLE 12

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 12-A	4" RIGID PERFORATED	93.79	7	6.00%	93.37
PIPE 12-B		93.51	7	6.00%	93.09
PIPE 12-C		94.61	38	4.75%	92.81
PIPE 12-D		94.59	53	3.90%	92.52
PIPE 12-E		94.28	59	3.46%	92.24
PIPE 12-F		94.07	59	3.58%	91.96
PIPE 12-G		93.95	59	3.85%	91.68
PIPE 12-H		93.95	59	4.33%	91.40
PIPE 12-I		93.95	59	4.81%	91.11
PIPE 12-J		93.95	59	5.29%	90.83
PIPE 12-K		93.95	59	5.77%	90.55

TABLE 13

PIPE SEGEMENT	DIAMETER & MATERIAL	UPSTREAM INVERT	LENGTH (FT)	SLOPE	DOWNSTREAM INVERT
PIPE 13-A	4" RIGID PERFORATED	93.53	14	3.08%	93.10
PIPE 13-B		94.02	46	2.46%	92.89
PIPE 13-C		94.22	61	2.53%	92.68
PIPE 13-D		94.04	61	2.58%	92.47
PIPE 13-E		93.95	61	2.78%	92.25
PIPE 13-F		93.95	61	3.13%	92.04
PIPE 13-G		93.95	61	3.48%	91.83
PIPE 13-H		93.95	61	3.82%	91.62
PIPE 13-I		93.95	61	4.17%	91.41
PIPE 13-J		93.95	48	1.96%	93.01
PIPE 13-K		93.95	28	4.47%	92.70
PIPE 13-L		92.87	8	6.00%	92.39
PIPE 13-M		93.08	21	6.00%	91.82
PIPE 13-N		93.97	41	6.00%	91.51
PIPE 13-O		94.86	61	6.00%	91.20

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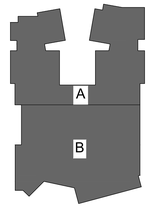
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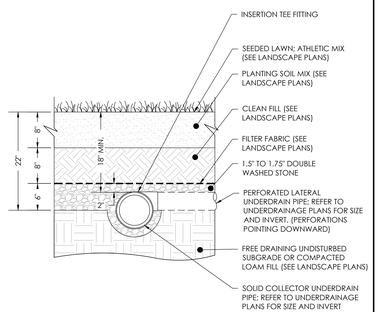


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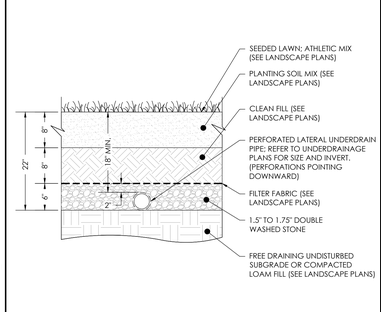
N TRUE NORTH
PROJECT NORTH
SCALE: AS INDICATED

SHEET TITLE:
EAST UNDERDRAIN LAYOUT PLAN

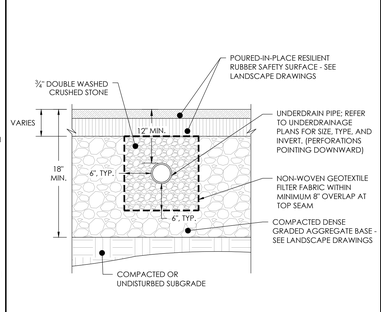
SHEET NUMBER:
IR-103



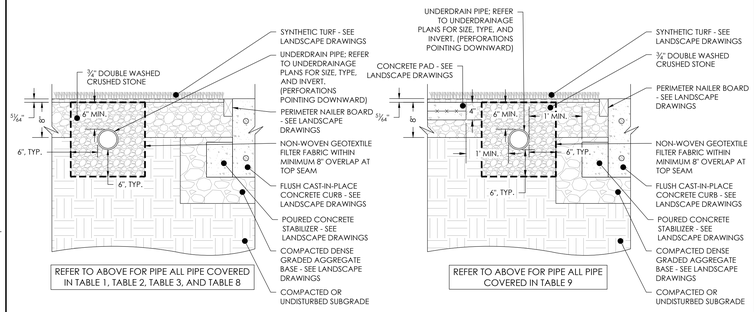
1 SOLID COLLECTOR UNDERDRAIN PIPE IN ATHLETIC FIELD
NOT TO SCALE



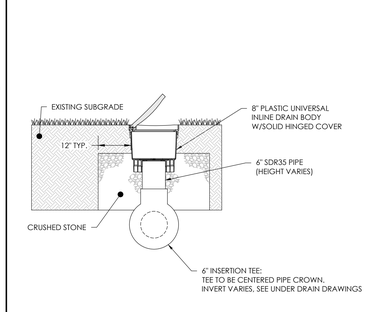
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NOT TO SCALE



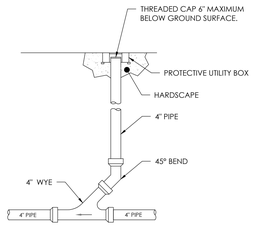
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NOT TO SCALE



4 UNDERDRAIN PIPE IN SYNTHETIC TURF AREA
NOT TO SCALE



5 INSPECTION PORT DETAIL
NOT TO SCALE



6 DRAIN CLEANOUT
NOT TO SCALE

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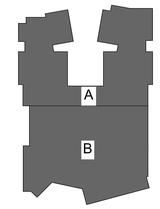
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KEY PLAN



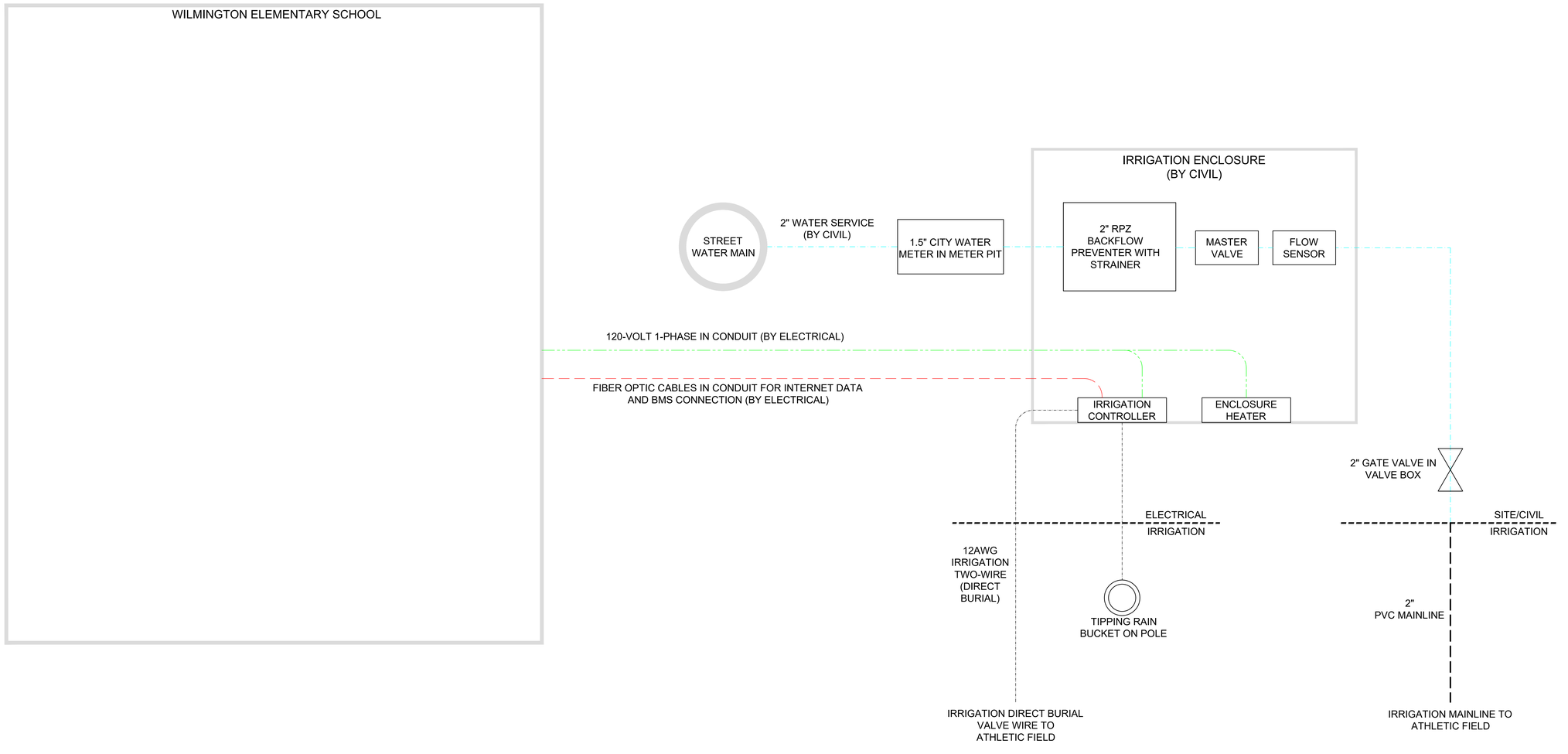
ORIENTATION AND SCALE:



PROJECT NORTH SCALE: AS INDICATED

SHEET TITLE:
UNDERDRAIN DETAILS

SHEET NUMBER:
IR-200



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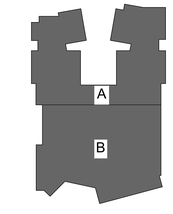
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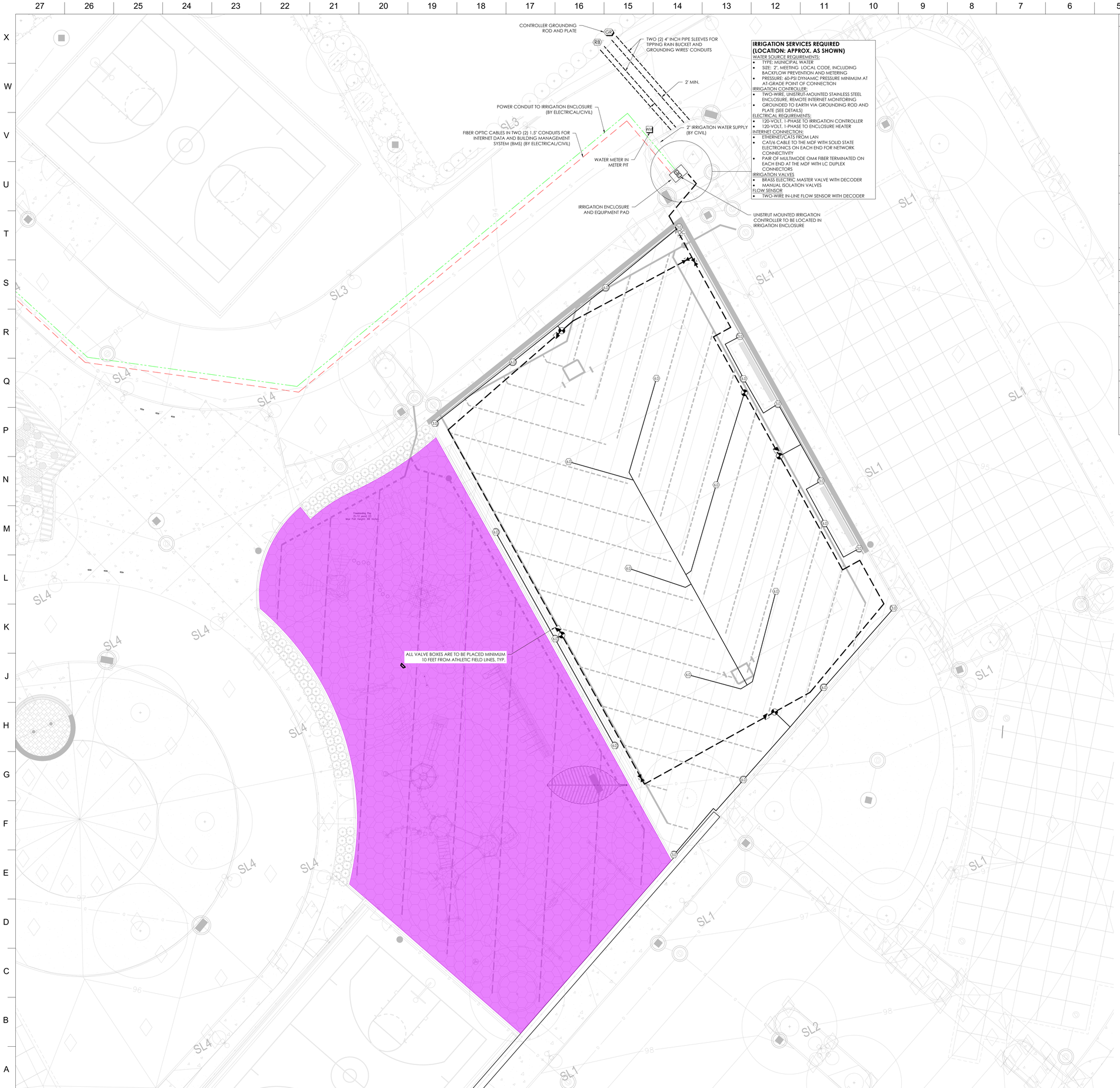
PROJECT NORTH SCALE: AS INDICATED

SHEET TITLE:

IRRIGATION
LAYOUT PLAN

SHEET NUMBER:

IR-300



IRRIGATION SERVICES REQUIRED (LOCATION: APPROX. AS SHOWN)

WATER SOURCE REQUIREMENTS:
- TYPE: MUNICIPAL WATER
- SIZE: 2", MEETING LOCAL CODE, INCLUDING BACKFLOW PREVENTION AND METERING
- PRESSURE: 60-PSI DYNAMIC PRESSURE MINIMUM AT AT-GRADE POINT OF CONNECTION

IRRIGATION CONTROLLER:
- TWO-WIRE, UNISTRUT-MOUNTED STAINLESS STEEL ENCLOSURE, REMOTE INTERNET MONITORING
- GROUNDED TO EARTH VIA GROUNDING ROD AND PLATE (SEE DETAILS)

ELECTRICAL REQUIREMENTS:
- 120-VOLT, 1-PHASE TO IRRIGATION CONTROLLER
- 120-VOLT, 1-PHASE TO ENCLOSURE HEATER

INTERNET CONNECTION:
- ETHERNET/CAT5 FROM LAN
- CAT6 CABLE TO THE MDF WITH SOLID STATE ELECTRONICS ON EACH END FOR NETWORK CONNECTIVITY
- PAIR OF MULTIMODE OM4 FIBER TERMINATED ON EACH END AT THE MDF WITH LC DUPLEX CONNECTORS

IRRIGATION VALVES
- BRASS ELECTRIC MASTER VALVE WITH DECODER
- MANUAL ISOLATION VALVES

FLOW SENSOR
- TWO-WIRE IN-LINE FLOW SENSOR WITH DECODER

IRRIGATION NOTES

1. SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 328400 FOR ADDITIONAL REQUIRED INFORMATION. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
2. COORDINATE FINAL LOCATION OF IRRIGATION AND VALVE BOXES WITH FINAL APPROVED LANDSCAPE. IN GENERAL, PLACE ALL VALVE BOXES WITHIN PLANTER BEDS TO MAXIMUM EXTENT PRACTICABLE FOR AT-GRADE LANDSCAPE.
3. ALL PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC FOR CLARITY: CONTRACTOR SHALL FIELD VERIFY.
4. SPECIFIED VALVE BOX LOCATIONS AND COLORS SHALL BE APPROVED BY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
5. ALL CONTROL WIRE SHALL BE 14/2 AWG TWO-WIRE, DIRECT BURIAL, INSTALLED PARALLEL TO MAINLINE WITH DBY/R-6 WIRE SPLICE KITS.
6. IRRIGATION SYSTEM IS DESIGNED FOR DOMESTIC SUPPLY AT 50 GPM MAXIMUM. SYSTEM TO PRODUCE 60-PSI DYNAMIC PRESSURE MINIMUM AT AT-GRADE IRRIGATION POINT OF CONNECTION. CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK AND REPORT ANY DEVIATION TO THE OWNER'S REPRESENTATIVE BEFORE CONTINUING.
7. INSTALL CONTROLLER AS LOCATED APPROXIMATELY ON DRAWINGS, AS DIRECTED BY OWNER'S REPRESENTATIVE. HARD WIRE TO 120 VOLT, DEDICATED 20-AMP CIRCUIT. POWER SUPPLY USING LICENSED ELECTRICIAN. SITE COMMUNICATIONS TO PROVIDE INTERNET SERVICE TO IRRIGATION CONTROLLER.
8. COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE. CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.

IRRIGATION MATERIAL LIST

SYMBOL	NAME	DETAIL #
	PIP UNDERDRAINAGE AREA (UNDER ERP 1 PACKAGE)	-
IC	TWO-WIRE, INTERNET BASED IRRIGATION CONTROLLER	1
IE	OUTDOOR IRRIGATION ENCLOSURE: BF 2" BACKFLOW PREVENTER MV 2" MASTER VALVE FS 1.5" FLOW SENSOR	1
WM	1.5" DEDUCT WATER METER IN METER PIT	16
POC 2"	2" IRRIGATION POINT OF CONNECTION IN LANDSCAPE	-
	SPRINKLER ZONE VALVE WITH DECODER (VALVE BOX NOT SHOWN)	3
	2" ISOLATION VALVE (VALVE BOX NOT SHOWN)	5
	QUICK COUPLING VALVE (VALVE BOX NOT SHOWN)	6
GR	GROUNDING ROD WITH LIGHTNING ARRESTOR	7, 8
MF	SOIL MOISTURE SENSORS	10
RB	TIPPING RAIN BUCKET	11
	AT GRADE IRRIGATION TRENCH: IRRIGATION MAINLINE 2" PVC CLASS 200 IRRIGATION LATERAL 1.5" PVC CLASS 200	12
	PIPE SLEEVE: PVC SCHEDULE 40 SOLVENT WELD (6" OR AS NOTED)	13
1.3 2.3 4.0 6.0 7.3 9.0 9.0	6" POP-UP GEAR-DRIVEN ROTOR WITH 3/4" INLET (STAINLESS STEEL RISER)	14

FLOW (GPM) / VALVE NUMBER / VALVE SIZE (INCHES) — A27 1" — VALVE LABEL: 11.7 TURF M9 — IRRIGATION TYPE / MOISTURE SENSOR NUMBER

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AQUEOUS CONSULTANTS, LLC
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Andover, MA 01810
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PLAN
Scale 1" = 10'
0 5 10 20 30

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MASSACHUSETTS
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320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

*NOTE: LANDSCAPE DRAWINGS HAVE BEEN COMPILED USING THE FOLLOWING PLANS TO CREATE THE OVERALL SITE BASE:

- DORE + WHITTIER BUILDING FOOTPRINT DATED 10 APRIL 2026
- NITSCH ENGINEERING EXISTING CONDITIONS SURVEY DATED 13 FEBRUARY 2026
- CDW CONSULTANTS INC. LAYOUT PLAN, UTILITIES AND GRADING PLANS; DATED 21 APRIL 2026

REVISIONS:

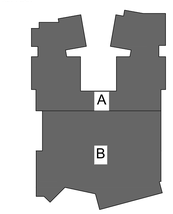
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ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

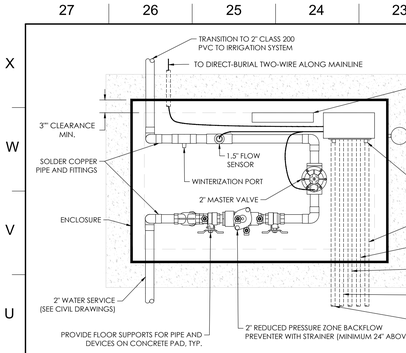


ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH
SCALE: AS INDICATED

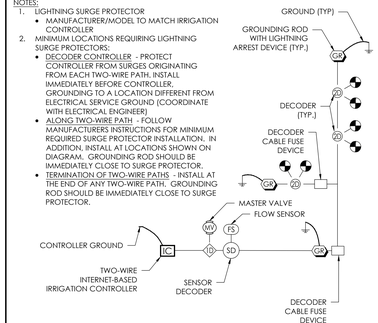
SHEET TITLE:
IRRIGATION LAYOUT PLAN

SHEET NUMBER:
IR-301



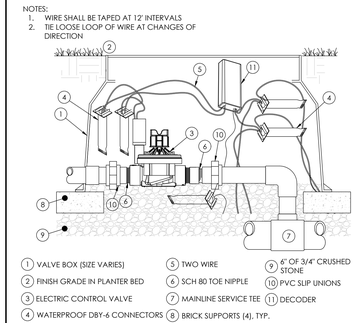
NOTES
1. ENCLOSURE MODEL: HOTBOX, HB6000AN
2. ENCLOSURE DIMENSIONS: 62" LONG x 39" WIDE x 46" TALL
3. CONCRETE PAD DIMENSIONS: 74" LONG x 51" WIDE x 6" TALL, WITH 1" CHAMFER
4. ENCLOSURE SHALL BE CONSTRUCTED OF A VANDAL AND WEATHER RESISTANT MATERIAL.
5. MOUNTING BASE SHALL BE MANUFACTURED ENTIRELY OF STAINLESS STEEL.
6. ALTERNATIVES AND APPROVED EQUALS FOR IRRIGATION ENCLOSURE SHALL ALSO SUBMIT SHOP DRAWINGS TO DEMONSTRATE ADEQUATE SPACE FOR BACKFLOW PREVENTER AND VAVLES/SENSORS.

1 IRRIGATION ENCLOSURE
NOT TO SCALE



NOTES:
1. LIGHTNING SURGE PROTECTOR
   - MANUFACTURER/MODEL TO MATCH IRRIGATION CONTROLLER
2. MINIMUM LOCATIONS REQUIRING LIGHTNING SURGE PROTECTORS:
   - DECODER CONTROLLER - PROTECT CONTROLLER FROM SURGES ORIGINATING FROM EACH TWO-WIRE PATH, INSTALL IMMEDIATELY BEFORE CONTROLLER. GROUNDING TO A LOCATION DIFFERENT FROM ELECTRICAL SERVICE GROUND (COORDINATE WITH ELECTRICAL ENGINEER)
   - ALONG TWO-WIRE PATH - FOLLOW MANUFACTURERS INSTRUCTIONS FOR MINIMUM REQUIRED SURGE PROTECTOR INSTALLATION. IN ADDITION, INSTALL AT LOCATIONS SHOWN ON DIAGRAM. GROUNDING ROD SHOULD BE IMMEDIATELY CLOSE TO SURGE PROTECTOR.
   - TERMINATION OF TWO-WIRE PATHS - INSTALL AT THE END OF ANY TWO-WIRE PATH. GROUNDING ROD SHOULD BE IMMEDIATELY CLOSE TO SURGE PROTECTOR.

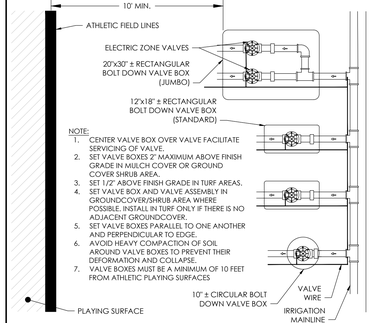
2 TWO-WIRE SCHEMATIC DIAGRAM
NOT TO SCALE



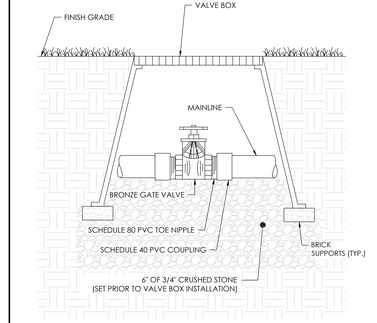
NOTES:
1. WIRE SHALL BE TAPED AT 12' INTERVALS
2. TIE LOOSE LOOP OF WIRE AT CHANGES OF DIRECTION

1. VALVE BOX (SIZE VARIES)
2. FINISH GRADE IN PLANTER BED
3. ELECTRIC CONTROL VALVE
4. WATERPROOF DBY-6 CONNECTORS
5. TWO WIRE
6. SCH 80 TOE NIPPLE
7. MAINLINE SERVICE TEE
8. BRICK SUPPORTS (4), TYP.
9. 6" OF 3/4" CRUSHED STONE
10. PVC SLIP UNIONS
11. DECODER

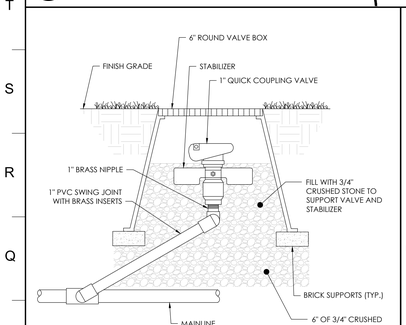
3 SPRINKLER ZONE VALVE WITH DECODER
NOT TO SCALE



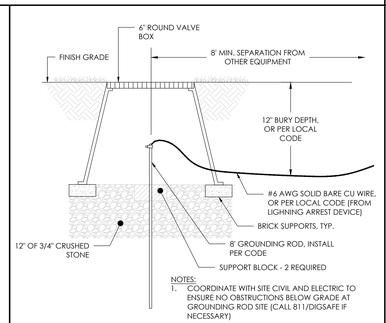
4 VALVE BOX SPACING DETAIL
NOT TO SCALE



5 ISOLATION VALVE
NOT TO SCALE

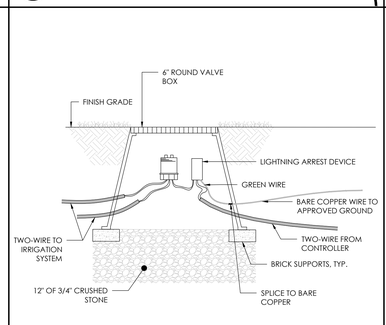


6 QUICK COUPLING VALVE
NOT TO SCALE

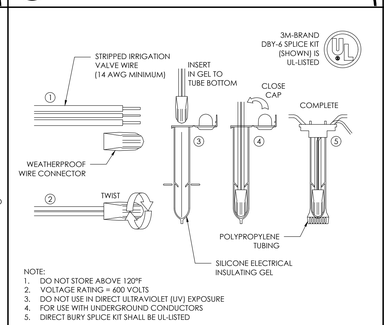


NOTES:
1. COORDINATE WITH SITE CIVIL AND ELECTRIC TO ENSURE NO OBSTRUCTIONS BELOW GRADE AT GROUNDING ROD SITE (CALL 811/DIGSAFE IF NECESSARY)

7 DECODER GROUNDING
NOT TO SCALE

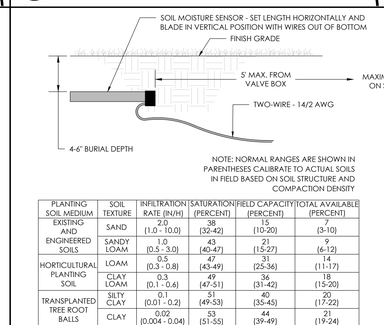


8 LIGHTNING ARREST AND DECODER FUSE DEVICE
NOT TO SCALE



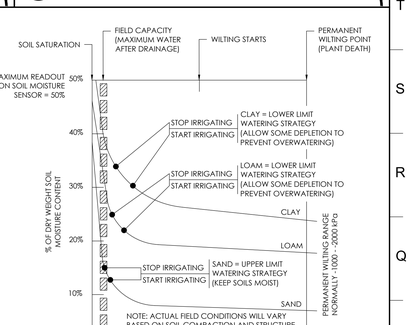
NOTE:
1. DO NOT STORE ABOVE 120°F
2. VOLTAGE RATING = 600 VOLTS
3. DO NOT USE IN DIRECT ULTRAVIOLET (UV) EXPOSURE
4. FOR USE WITH UNDERGROUND CONDUCTORS
5. DIRECT BURY SPLICE KIT SHALL BE UL-LISTED

9 WIRE SPLICE KIT
NOT TO SCALE

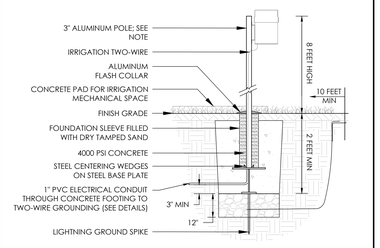


NOTE: NORMAL RANGES ARE SHOWN IN PARENTHESES CALIBRATE TO ACTUAL SOILS IN FIELD BASED ON SOIL STRUCTURE AND COMPACTION DENSITY

PLANTING SOIL MEDIUM	SOIL TEXTURE	INFILTRATION RATE (IN/H)	SATURATION (PERCENT)	FIELD CAPACITY (PERCENT)	TOTAL AVAILABLE (PERCENT)
EXISTING AND ENGINEERED SOILS	SAND	2.0 (1.0 - 10.0)	38 (32-42)	15 (10-20)	7 (3-10)
	SANDY LOAM	1.0 (0.5 - 3.0)	43 (40-47)	21 (15-27)	9 (6-12)
HORTICULTURAL PLANTING SOIL	LOAM	0.5 (0.3 - 0.8)	47 (43-49)	31 (25-36)	14 (11-17)
	CLAY LOAM	0.3 (0.1 - 0.6)	49 (47-51)	36 (31-42)	18 (15-20)
TRANSPLANTED TREE ROOT BALLS	SILTY CLAY	0.1 (0.01 - 0.2)	51 (49-53)	40 (35-45)	20 (17-22)
	CLAY	0.02 (0.004 - 0.04)	53 (51-55)	44 (39-49)	21 (19-24)



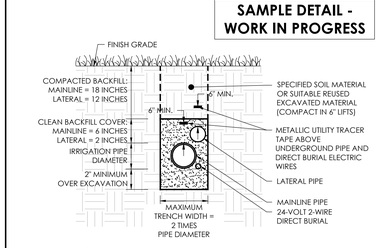
10 SOIL MOISTURE SENSORS
NOT TO SCALE



NOTES:
1. ALL ALUMINUM MATERIAL GRADE OF ALLOY 6063-T6
2. GROUND METAL POLE AND TIPPING RAIN BUCKET BOTH TWO-WIRE TO EARTH, 10' FROM ANY ADJACENT IRRIGATION EQUIPMENT
3. FINAL LOCATION IN FIELD TO BE COORDINATED WITH LANDSCAPE ARCHITECT

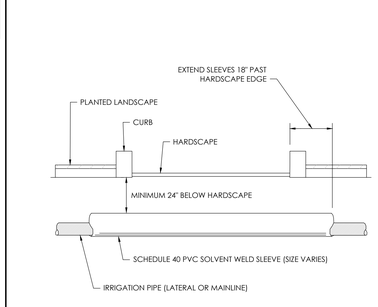
11 TIPPING RAIN BUCKET - BASE
NOT TO SCALE

SAMPLE DETAIL - WORK IN PROGRESS

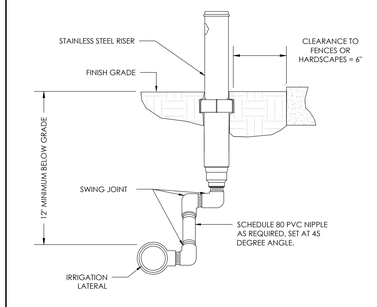


NOTES:
1. WIRE SHALL BE TAPED AT 10' INTERVALS
2. TIE LOOSE LOOP OF WIRE AT CHANGES OF DIRECTION
3. HAND DIG FOR ALL IRRIGATION PIPE IN PLANTER BEDS.

12 AT-GRADE IRRIGATION TRENCH
NOT TO SCALE

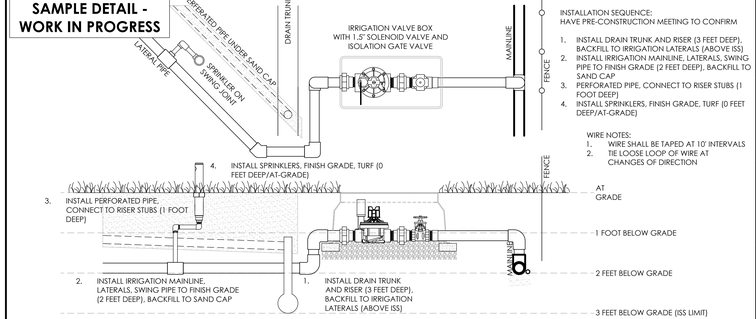


13 SLEEVE UNDER HARDSCAPE
NOT TO SCALE



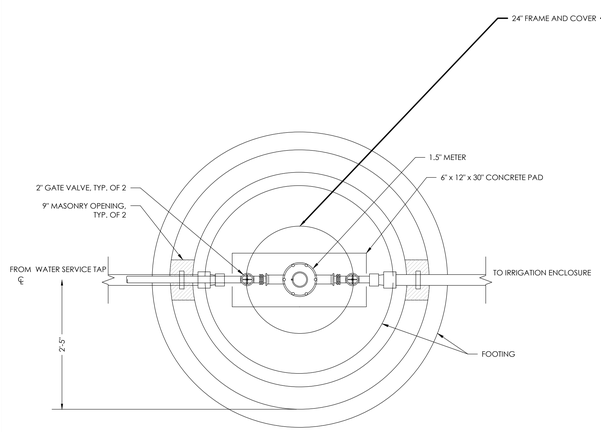
14 6" POP-UP GEAR-DRIVEN ROTOR SPRINKLER
NOT TO SCALE

SAMPLE DETAIL - WORK IN PROGRESS



15 ATHLETIC FIELD IRRIGATION TRENCHING AND DRAINAGE COORDINATION
NOT TO SCALE

NOTE: TO BE APPROVED BY WILMINGTON WATER DEPARTMENT



NOTES:
1. MAKE FLANGE TO PLAIN END ADAPTER PIECES SLIGHTLY SHORTER THAN REQUIRED TO ALLOW FOR SOME SLIDING OF ADAPTER PIECES INTO MECHANICAL JOINT WALL PIPE WHEN FLANGES AT METER ARE DISCONNECTED FOR REMOVAL OF INSTALLATION OF METER.
2. AFTER INSTALLING MECHANICAL JOINT WALL PIPES WITH CENTER RING FLANGE IN THE MIDDLE OF MASONRY OPENING, AND AFTER ALL PIPE HAS BEEN ALIGNED AND CONNECTED, CAULK THE SPACE BETWEEN WALL AND MASONRY WITH OAKUM AND A CEMENT MORTAR GROUT.
3. ALL CONCRETE USED IN CONSTRUCTION OF THESE METER PITS TO BE OF 3000 P.S.I. WITH A MAXIMUM AGGREGATE SIZE OF 3/4".
4. REINFORCING STEEL BARS ARE TO BE DEFORMED BARS OF NEW BILLET STEEL - GRADE 6.

16 METER PIT
NOT TO SCALE

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320 SALEM ST.
WILMINGTON, MA 01887

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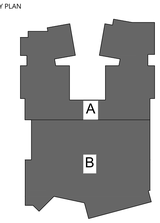
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH SCALE: AS INDICATED

SHEET TITLE:
IRRIGATION DETAILS

SHEET NUMBER:
IR-400

GENERAL NOTES

G1. THE INTENT OF THE STRUCTURAL DRAWINGS IS TO SHOW THE MAIN STRUCTURAL FEATURES AND DESIGN FOR THE COMPLETED PROJECT. ARCHITECTURAL DETAILS AND OTHER COMPONENTS THAT MAY BE NECESSARY TO CONSTRUCT THE PROJECT ARE SHOWN INCIDENTALLY ONLY AND NOT COMPLETELY. THEREFORE, ALL CONTRACT DRAWINGS AND SPECIFICATIONS MUST BE USED IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS DURING ALL PHASES OF CONSTRUCTION. DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS, IF NOT CLARIFIED IN THE ADDENDA AT THE REQUEST OF THE CONTRACTOR, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING CONSTRUCTION FOR CLARIFICATIONS. THE CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION IN HIS BID.

G2. THE CONTRACTOR SHALL INFORM THE ARCHITECT OF ALL DISCREPANCIES BETWEEN DRAWINGS OF DIFFERENT TRADES PRIOR TO INITIATION OF ANY WORK.

G3. THE DESIGN IS IN ACCORDANCE WITH THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE.

G4. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE SAFETY OF ADJACENT STRUCTURES, PROPERTY, AND THE PUBLIC.

G5 REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF ALL CHASES, SLOTS, INSERTS, CURBS, OPENINGS, SLEEVES, ANCHOR BOLTS, FLOOR PITCHES, ANGLE FRAMES, AND ALL OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING LOCATIONS SHALL BE INCLUDED.

G6. DETAILS SHOWN AS TYPICAL ARE APPLICABLE TO ALL SIMILAR CONDITIONS.

G7. ALL CONTRACTORS ARE REQUIRED TO EXAMINE THE DRAWINGS AND SPECIFICATIONS CAREFULLY, VISIT THE SITE, AND FULLY INFORM THEMSELVES AS TO ALL EXISTING CONDITIONS AND LIMITATIONS, PRIOR TO SUBMITTING THE PROPOSAL. FAILURE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND LIMITATIONS WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER FROM FURNISHING ANY MATERIALS OR PERFORMING ANY WORK IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS WITHOUT ADDITIONAL COST TO THE OWNER.

G8. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS INCLUDING BUT NOT LIMITED TO TEMPORARY SHORING AND BRACING OF NEW CONSTRUCTION TO MAINTAIN STRUCTURAL STABILITY FOR ALL CONDITIONS OF STATIC, DYNAMIC, GRAVITY, AND WIND LOADS DURING DEMOLITION PROCEDURES, REPAIR PROCEDURES, AND NEW CONSTRUCTION PROCEDURES THROUGHOUT THE DURATION OF THE CONSTRUCTION CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF TEMPORARY SHORING INCLUDING ENGINEERING BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION RELATED SAFETY MEASURES.

G9. ANY ILLUSTRATION OR DESCRIPTION OF CONSTRUCTION SEQUENCING, TEMPORARY SHORING SEQUENCE, OR TEMPORARY SHORING SYSTEM, AS SHOWN ANYWHERE IN THE CONTRACT DOCUMENTS (DRAWINGS AND/OR SPECIFICATIONS) IS PROVIDED TO THE CONTRACTOR ONLY FOR ILLUSTRATION OF A POSSIBLE METHOD OR SEQUENCE OF ACCOMPLISHING THE WORK, TO DEMONSTRATE FEASIBILITY IN PRINCIPLE ONLY, UNLESS OTHERWISE NOTED. SUCH ILLUSTRATIONS OR DESCRIPTIONS OF CONSTRUCTION SEQUENCING OR TEMPORARY SHORING IN THE CONTRACT DOCUMENTS ARE DEEMED SUGGESTIONS FOR CONSIDERATION ONLY BY THE CONTRACTOR AND ARE NOT ENDORSED BY THE ARCHITECT OR ENGINEER AND ARE NOT INTENDED TO DICTATE TO THE CONTRACTOR CONSTRUCTION MEANS AND METHODS OR SEQUENCING FOR THE WORK, UNLESS OTHERWISE NOTED. THE SELECTION, DETAILS AND EXECUTION OF ALL CONSTRUCTION MEANS, METHODS AND/OR SEQUENCING OF THE CONSTRUCTION WORK ARE SOLELY THE CHOICE AND RESPONSIBILITY OF THE CONTRACTOR. SUCH ILLUSTRATIONS OR DESCRIPTIONS OF CONSTRUCTION SEQUENCING OR TEMPORARY SHORING IN THE CONTRACT DOCUMENTS ARE SHOWN ONLY FOR THOSE ASPECTS OF THE WORK WHERE COMPLEXITY, UNIQUE CONDITIONS, OR GLOBAL STABILITY (AS RELATED TO THE PROJECT) WARRANT NOTICE OF VERY SPECIAL ATTENTION REQUIRED BY THE CONTRACTOR. SUCH ILLUSTRATIONS OR DESCRIPTIONS OF CONSTRUCTION SEQUENCING OR TEMPORARY SHORING IN THE CONTRACT DOCUMENTS ARE NOT TO BE INTERPRETED IN ANY WAY AS LIMITING THE WORK REQUIRING SEQUENCING OR TEMPORARY SHORING TO ONLY THOSE ASPECTS ILLUSTRATED OR DESCRIBED. AS PART OF THE BASE CONTRACT WORK, THE CONTRACTOR SHALL IDENTIFY, PLAN FOR, ENGINEER AND DETAIL, AND PROVIDE ALL CONSTRUCTION SEQUENCING AND TEMPORARY SHORING AS NECESSARY TO SAFELY AND SUCCESSFULLY EXECUTE ALL THE WORK ENCOUNTERED FOR THIS PROJECT.

FOUNDATION NOTES

F1. THE FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY LAHLAF GEOTECHNICAL CONSULTING, INC., DATED JANUARY 14, 2026. REFER TO BORING LOGS AND TEST PIT DATA IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

F2. FOOTINGS SHALL BEAR TYPICALLY ON A MINIMUM OF 12 INCHES OF STRUCTURAL FILL PLACED DIRECTLY ON COMPACTED NATURAL SOIL HAVING A MINIMUM BEARING CAPACITY OF 4000 POUNDS PER SQUARE FOOT. REFER TO EARTHWORK AND GROUND IMPROVEMENT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

F3. ALL BACKFILL UNDER STRUCTURAL SLABS, MATS, AND FOOTINGS WILL BE ENGINEERED STRUCTURAL FILL COMPACTED IN SPECIFIED LIFTS TO 95 PERCENT OF MAXIMUM DRY DENSITY, UNLESS OTHERWISE INDICATED OR SPECIFIED. REFER TO EARTHWORK AND GROUND IMPROVEMENT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

F4. PROVIDE SHEETING, BRACING, AND UNDERPINNING AS REQUIRED TO PRESERVE ADJACENT STRUCTURES.

F5. FOUNDATIONS AND SLABS SHALL NOT BE POURED IN WATER OR ON FROZEN GROUND.

F6. VERIFY LOCATIONS AND REQUIREMENTS FOR INSERTS, SLEEVES, CONDUITS, EMBEDMENTS, AND PENETRATIONS WITH RESPECTIVE TRADES BEFORE PLACING CONCRETE.

F7. BLASTING, IF REQUIRED, SHALL BE COMPLETED BEFORE ANY CONCRETE IS PLACED.

F8. DOWELS FROM FOUNDATIONS INTO PIERS, PILE CAPS, COLUMNS, BUTTRESSES, OR WALLS SHALL BE THE SAME SIZE AND NUMBER AS REINFORCEMENT IN PIERS, COLUMNS, BUTTRESSES, OR WALLS ABOVE, EXCEPT AS OTHERWISE SHOWN.

F9. CONTRACTOR SHALL PROVIDE CONTINUOUS DRAINAGE BY MECHANICAL METHODS TO CONTROL SURFACE AND UNDERGROUND WATER, AS REQUIRED DURING CONSTRUCTION. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

F10. CONTRACTOR SHALL ENSURE THAT GROUND WATER LEVELS UNDER ADJACENT STRUCTURES AND PROPERTIES ARE NOT ALTERED. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

F11. ALL FOUNDATIONS UNITS (PIERS AND FOOTINGS) SHALL BE CENTERED UNDER SUPPORT MEMBERS, UNLESS NOTED OTHERWISE ON PLANS.

F12. COORDINATE UNDER FLOOR AND PERIMETER DRAIN REQUIREMENTS WITH ARCHITECTURAL, CIVIL, AND PLUMBING DRAWINGS.

F13. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS. SPECIFICATIONS, BORING LOGS, OR TEST PITS. THIS DATA IS INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION AND REPRESENT CONDITIONS ONLY OF THOSE SPECIFIED LOCATIONS AT THE PARTICULAR TIME THEY WERE MADE.

F14. CONTRACTOR SHALL INFORM THE ARCHITECT AND RELOCATE ANY EXISTING UTILITY LINES AS REQUIRED THAT MAY INTERFERE WITH NEW FOUNDATIONS. CONTRACTOR SHALL REMOVE ANY EXISTING UTILITY LINES THAT ARE BEING ABANDONED IN THE VICINITY OF THE NEW FOUNDATION AND BACKFILL THE AREA WITH COMPACTED STRUCTURAL FILL.

F15. SEE THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION AND OTHER SPECIFIC FOUNDATION CONSTRUCTION REQUIREMENTS.

REINFORCED CONCRETE NOTES

R1. ALL CONCRETE WORK SHALL CONFORM TO ACI-318-14 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND TO THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

R2. ALL CONCRETE SHALL BE CONTROLLED, MIXED, AND PLACED UNDER THE SUPERVISION OF AN APPROVED CONCRETE TESTING AGENCY, PROVIDED BY OWNER.

R3. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM 5,000 PSI 28 DAY COMPRESSION STRENGTH AND CONTAIN AN AIR ENTRAINMENT ADMIXTURE.

R4. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 POUNDS PER SQUARE INCH AT THE END OF 28 DAYS. CONCRETE SLABS ON GRADE AND SUPPORTED CONCRETE SLABS SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 POUNDS PER SQUARE INCH AT THE END OF 28 DAYS. CONCRETE SLABS ON STEEL DECK SHALL BE LIGHT WEIGHT OR NORMAL WEIGHT CONCRETE AS INDICATED ON PLANS WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT THE END OF 28 DAYS.

R5. CONCRETE QUALITY IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS IS ESSENTIAL TO THE STRUCTURAL PERFORMANCE OF THIS BUILDING. CONCRETE THAT IS NOT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS WILL NOT BE ACCEPTED.

R6. CONCRETE SHALL REACH THE 40 PERCENT OF ITS 28 DAY COMPRESSIVE STRENGTH (fc) BEFORE FORMS OR SHORES FOR WALLS MAY BE REMOVED. NO FORMS CAN BE REMOVED UNLESS CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO SUPPORT ITS OWN WEIGHT.

R7. CONSTRUCTION JOINT LOCATIONS, OTHER THAN SHOWN ON THE DRAWINGS, ARE PERMITTED SUBJECT TO PRIOR APPROVAL OF THE ENGINEER. EXPANSION JOINT AND CONTROL JOINT LOCATIONS ARE MANDATORY,AS SHOWN.

R8. REINFORCING BARS SHALL CONFORM TO ASTM A615 WITH 60,000 POUNDS PER SQUARE INCH YIELD STRENGTH, AS INDICATED AND SHALL HAVE THE FOLLOWING MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

A. SURFACES PLACED IN CONTACT WITH THE GROUND - 3"
B. FORMED SURFACE EXPOSED TO GROUND - 2"
C. INSIDE FACE OF FORMED WALL - 1 1/2"
D. WALL PIER TIES - 1 1/2"
E. SLAB REINFORCING (SOG) - 2" TOP & 3/4" BOTTOM
F. SLAB REINFORCING (SOD) - 3/4" TOP & 3/4" BOTTOM

R9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185; LAP TWO SQUARES AT ALL SPLICES AND TIE AT 3 FOOT CENTERS.

R10. ALL LAP REINFORCING TO DEVELOP FULL TENSION CAPACITY OF THE SMALLER BAR REINFORCEMENT UNLESS OTHERWISE NOTED ON THE DRAWINGS.

R11. PROVIDE BAR SUPPORTS, SPACES, AND ACCESSORIES RECOMMENDED IN THE LATEST ADDITION OF THE ACI DETAILING MANUAL, PUBLICATION SP-66. ALL REINFORCEMENT DETAILING, LAP SPLICES, AND EMBEDMENTS SHALL CONFORM TO THIS MANUAL. ALL ACCESSORIES, SUCH AS SLAB BOLSTERS AND BEAM AND SLAB CHAIRS IN CONTACT WITH EXPOSED SURFACES, SHALL BE ZINC COATED OR PLASTIC TYPE.

R12. PIPES OR CONDUITS SHALL NOT BE PLACED IN SLABS ON GRADE OR ELEVATED SLABS.

R13. CONCRETE WALLS SHALL BE CAST IN PANELS NOT EXCEEDING 60 FEET IN LENGTH.

REINFORCED CONCRETE NOTES (CONT)

R14. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO THE LATEST EDITION OF ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

R15. SET SECURELY AND TIE ALL REINFORCEMENT BEFORE PLACING CONCRETE. SETTING DOWELS AND REINFORCEMENT INTO WET CONCRETE IS PROHIBITED.

R16. ALL REINFORCING WILL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.

R17. FOR CONCRETE FILL AND TOPPINGS, PLACE CONSTRUCTION AND EXPANSION JOINTS AT THE SAME LOCATION AS THE CONSTRUCTION AND EXPANSION JOINTS IN THE SUPPORTING CONCRETE.

R18. BUILD ALL CONCRETE MAT FOUNDATIONS, BASE SLABS, WALLS, AND FLOORS TO MINIMIZE THE EFFECTS OF SHRINKAGE BY CASTING ALTERNATE SECTIONS. ADJACENT SECTIONS MAY BE CAST WHEN PREVIOUSLY PLACED SECTION HAS CURED FOR 48 HOURS AFTER ITS INITIAL SET. CURING REQUIREMENTS ARE SPECIFIED IN SECTION 03300, CAST-IN-PLACE CONCRETE OF THE SPECIFICATIONS.

R19. EXPOSED EDGES OF CONCRETE ELEMENTS, SUCH AS PILASTERS, CURBS, AND EQUIPMENT PADS, WILL HAVE 1 INCH CHAMFER.

R20. ALL KEYS SHALL BE 2"x4" (NOMINAL) UNLESS SHOWN OTHERWISE ON DRAWINGS.

R21. NOT ALL OPENINGS THROUGH CONCRETE SLABS AND WALLS ARE SHOWN ON STRUCTURAL DRAWINGS. OPENINGS INDICATED, OR ANY ADDITIONAL OPENINGS OR INSERTS REQUIRED, SHALL BE VERIFIED WITH RESPECTIVE TRADES BEFORE POURING OF CONCRETE.

R22. USE NON-SHRINK, NON-METALLIC GROUT WHERE INDICATED. SEE SECTION 03300, CAST-IN-PLACE CONCRETE OF THE SPECIFICATIONS FOR ALL THE REQUIREMENTS.

R23. SEE ARCHITECTURAL DRAWINGS FOR FINISHES, DEPRESSIONS, REGLETS, NOTCHES, AND OTHER ARCHITECTURAL FEATURES.

R24. PROVIDE SEALANT JOINTS FOR ALL EXPOSED TO VIEW CONSTRUCTION JOINTS, CONTROL JOINTS, AND SHEAR KEYS.

R25. SET ANCHOR BOLTS AND EMBEDDED PLATES REQUIRED FOR CONNECTION OF WORK FURNISHED BY OTHER TRADES FOR INSTALLATION AS PART OF THEIR SCOPE OF WORK.

R26. PROVIDE A MINIMUM OF #4 AT 12 EACH WAY, EACH FACE FOR ALL WALLS, FOOTINGS, PITS, OR PADS, UNLESS NOTED OTHERWISE.

R27. PROVIDE CONCRETE PADS FOR MECHANICAL EQUIPMENT ACCORDING TO THE REQUIREMENTS OF THE MANUFACTURER AND IN ACCORDANCE WITH THE TYPICAL DETAILS. ALWAYS PROVIDE A MINIMUM REINFORCEMENT FOR PADS, UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH MECHANICAL WORK.

R28. PROVIDE CONDENSATE PITS AND OTHER DEPRESSIONS OR CURBS AS REQUIRED FOR COMPLETION OF THE MECHANICAL WORK.

R29. NO CONCRETE SHALL BE PLACED BEFORE REVIEW AND APPROVAL OF THE REINFORCING AND EMBEDDED ITEMS HAVE BEEN OBTAINED FROM THE ARCHITECT / ENGINEER.

R30. WHEN REINFORCEMENT IS PLACED IN TWO OR MORE LAYERS, BARS IN THE UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE THOSE IN THE BOTTOM LAYER WITH A CLEAR DISTANCE BETWEEN THE LAYERS NOT LESS THAN ONE INCH.

R31. FLOOR SLOPES WILL BE AN INTEGRAL PART OF STRUCTURAL SLABS. SEPARATE CONCRETE FILL IS NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS. CONCRETE CAST ON SLOPED SURFACES, SHALL BEGIN AT THE LOWEST ELEVATION AND CONTINUE MONOLITHICALLY TOWARD THE HIGHER ELEVATIONS UNTIL THE INTENDED POUR IS COMPLETED.

R32. ELEVATED SLABS ON DECK SHALL BE FINISHED LEVEL USING LASER MEASUREMENT AND SHALL MEET THE TOLERANCES FOR FLATNESS. SLAB THICKNESS INDICATED ON THE PLANS ARE A MINIMUM THICKNESS. FOR QUANTITY OF CONCRETE, THE CONTRACTOR SHALL TAKE INTO ACCOUNT DEFLECTIONS OF SUPPORTING STRUCTURAL MEMBERS. FORMS AND DECK FOR AN AVERAGE ADDITIONAL 3/4" OF CONCRETE FOR THE ENTIRE AREA OF THE SLAB.

REINFORCED CONCRETE MASONRY

M1. ALL REINFORCED CONCRETE MASONRY SHALL CONFORM TO ACI 530 -13 " BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND ACI-530.1-13 "SPECIFICATION FOR MASONRY STRUCTURES" FOR THE DESIGN AND CONSTRUCTION OF LOAD-BEARING CONCRETE MASONRY AND TO THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

M2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE I, NORMAL WEIGHT WITH AN AVERAGE MINIMUM COMPRESSIVE STRENGTH OF 2,000 POUNDS PER SQUARE INCH ON THE NET AREA.

M3. MORTAR SHALL CONFORM TO ASTM C270, TYPE S, AND SHALL DEVELOP A COMPRESSIVE STRENGTH OF 1,800 POUNDS PER SQUARE INCH AT 28 DAYS.

M4. GROUT SHALL CONFORM TO ASTM C476, FINE TYPE, AND SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 POUNDS PER SQUARE INCH.

M5. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 TYPICALLY, REINFORCING BARS BEING WELDED SHALL CONFORM TO A706, GRADE 60. DEFORMED HORIZONTAL TRUSS REINFORCING MATERIAL SHALL CONFORM TO ASTM A82 AND SHALL HAVE MINIMUM CROSS-SECTIONAL AREAS INDICATED ON PLANS OR IN SECTIONS.

M6. PROVIDE HORIZONTAL AND VERTICAL REINFORCING AS NOTED ON THE DRAWINGS AND FILL ALL REINFORCED BLOCK CELLS SOLID WITH GROUT.

M7. WALLS SHALL BE GROUTED USING LOW LIFT GROUT METHOD AND LIMITING THE GROUT LIFT HEIGHT TO 4' - 0" AT LOCATION OF THE BOND BEAM.

M8. REINFORCE CMU AT ALL ELEVATORS, STAIRS, AND MEANS OF EGRESS AND EXTERIOR WALLS WITH A MINIMUM #7 @ 48" ON CENTER VERTICALLY.

M9. PROVIDE 48 DIAMETER LAPS FOR ALL REINFORCING UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL NOTES

S1. ALL STEEL WORK SHALL CONFORM TO THE AISC 360-10 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND TO THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

S2. THE STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:

A. ALL STRUCTURAL WIDE FLANGE SHAPES: ASTM A992 FY = 50KSI. HAVING A MINIMUM YIELD STRENGTH OF 50 KSI, UNLESS OTHERWISE NOTED.
B. BARS, PLATES, CHANNELS, AND CONNECTION ANGLES: ASTM A36, UNLESS NOTED OTHERWISE.
C. STRUCTURAL TUBES: ASTM A500, GRADE C ,FY = 50KSI.
D. STRUCTURAL PIPES: ASTM A53, GRADE B OR ASTM A501, FY = 35 KSI.
E. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, FY = 55 KSI.

S3. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1 STRUCTURAL WELDING CODE.

S4. BOTTOM OF DECK ELEVATIONS REFER TO TOP ELEVATION OF SUPPORTING ELEMENT INCLUDING JOISTS,BEAMS, PLATES, TEES, ANGLES, ETC.

S5. TOP-OF-STEEL ELEVATIONS INDICATED ON THE DRAWINGS REFER TO TOP OF TOP-BEAM FLANGE UNLESS NOTED OTHERWISE ON PLANS.

S6. DESIGN AND DETAIL OF ALL CONNECTIONS SHALL BE ACCORDING TO AISC.

S7. THE BEAM CONNECTION DESIGN SHOULD ACCOUNT FOR REACTIONS OF MEMBERS SUPPORTED BY THE BEAM NEAR SUPPORTS CONCENTRATED LOADS WITHIN ONE THIRD THE SPAN OF THE BEAM CLOSER TO THE SUPPORT AND/OR VERTICAL COMPONENTS OF FORCE IN DIAGONAL BRACING MEMBERS FRAMING INTO THE MEMBERS.

S8. ALL CONNECTIONS SHALL BE BOLTED WITH ASTM A325 HIGH-STRENGTH BOLTS OR WELDED IN ACCORDANCE TO AWS AND WITH THE AISC MANUAL REQUIREMENTS UNLESS NOTED OTHERWISE.

S9. UNLESS OTHERWISE NOTED IN PLAN, DETAIL FLOOR MEMBER CONNECTIONS FOR THE FOLLOWING FACTORED (LRFD) VERTICAL REACTIONS:

SHAPE	MINIMUM REACTIONS (KIPS) TO GIRDERS	TO COLUMNS	MINIMUM NUMBER OF ROWS
W12	30	38	3
W14	38	45	3
W16	45	57	4
W18	54	69	4
W21	69	83	4
W24	86	108	5
W27	105	128	6
W30	128	150	7
W33	150	180	8
W36/W40	180	220	9

S10. SHOP CONNECTIONS MAY BE BOLTED OR WELDED, UNLESS THE CONNECTION METHOD IS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.

S11. THE CONTRACTOR SHALL SUPPLY ALL PLATES, CLIPS, SET ANGLES, CONNECTIONS, ETC. AS REQUIRED FOR COMPLETION OF THE STRUCTURE, EVEN IF SUCH ITEMS ARE NOT EXPLICITLY CALLED FOR ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS.

S12. THE CONTRACTOR SHALL PROVIDE ALL EMBEDDED PLATES, SLEEVES, BOX-OUTS, CONDUITS, ETCETERAS, AS REQUIRED BY OTHER TRADES IN THE CONCRETE STRUCTURE.

S13. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD NEW STRUCTURE FOR WIND AND CONSTRUCTION LOADS. THE STEEL FRAME IS A NON-SUPPORTING STEEL FRAME IN ACCORDANCE WITH SECTION 7.9.3 OF THE AISC CODE OF STANDARD PRACTICE IT RELIES ON THE INTERACTION BETWEEN THE METAL ROOF DECK, THE CONCRETE COMPOSITE FLOOR, BRACED FRAMES, AND MASONRY SHEAR WALLS FOR STABILITY. THE CONTRACTOR IS TO PROVIDE TEMPORARY SUPPORTS UNTIL ALL ELEMENTS REQUIRED FOR STABILITY OF THE STEEL FRAME ARE COMPLETED.

S14. PROVIDE ANCHOR BOLTS, SETTING PLATES, AND EMBEDDED PLATES TO BE SET BY OTHERS.

S15. PROVIDE 1/4" THICK LEVELING PLATES FOR USE IN ALIGNING AND SETTING ANCHOR BOLTS AND BASE PLATES.

S16. MOMENT CONNECTIONS BETWEEN BEAMS AND COLUMNS INDICATED ON THE DRAWINGS SHALL BE DESIGNED AND DETAILED FOR THE FULL MOMENT CAPACITY OF THE CONNECTING MEMBERS, UNLESS NOTED OTHERWISE.

S17. ALL TUBE STEEL COLUMN CAP PLATES ARE TO BE 1/2" THICK MINIMUM EXCEPT MOMENT FRAMED COLUMNS ARE TO BE 3/4" THICK MINIMUM OR MATCH BEAM FLANGE, WHICH EVER IS GREATER, UNLESS OTHERWISE NOTED.

S18. PROVIDE 1/4" THICK CLOSURE PLATES AT ALL OPEN ENDED TUBE STEEL MEMBERS.

S19. STEEL FRAMING SHALL NOT BE CANTED UNLESS SPECIFICALLY NOTED AS "CANTED" ON THE STRUCTURAL DRAWINGS. WHERE THE DECK SLOPE ACROSS THE BEARING SURFACE IS GREATER THAN 1:24, PROVIDE STEEL SHIMS FOR ADEQUATE BEARING OF STEEL DECK.

STEEL DECK

SD1. ALL STEEL DECK WORK SHALL CONFORM TO THE REQUIREMENTS OF

NC1.0 - 10 STANDARD FOR NONCOMPOSITE STEEL FLOOR DECK.
RD1.0 - 10 STANDARD FOR STEEL FLOOR DECK.
SD1-C - 2011 STANDARD FOR COMPOSITE STEEL FLOOR DECK SLABS.
SD1 - QA/QC - 2011 STANDARD FOR QUALITY CONTROL AND QUALITY ASSURANCE FOR INSTALLATION OF STEEL DECK,

OF THE STEEL DECK INSTITUTE AND THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

SD2. STEEL DECK UNITS SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A611, OR A653. WHERE GALVANIZED DECK IS INDICATED, SHEETS SHALL BE COATED WITH A ZINC COATING CONFORMING TO ASTM A653, G-60 COATING FOR FLOOR DECK AND FORM DECK AND G-90 COATING FOR ROOF DECK.

SD3. STEEL DECKING SHALL BE FASTENED TO ALL SUPPORTING STEEL MEMBERS AS FOLLOWS AND AS SHOWN ON THE STRUCTURAL DRAWINGS:

1-1/2" DEEP DECK:
FIELD: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT EACH RIB, 6" ON CENTER;
PERIMETER: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 6" ON CENTER
OPENINGS: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 6" ON CENTER
CORNERS: ONE 3/4" DIAMETER ROUND SPOT WELD TO STEEL SUPPORTS
SIDELAPS: NO. 10 TEK SCREWS AT 1'-0" ON CENTER AT SIDELAPS BETWEEN SUPPORTS

3" DEEP DECK:
FIELD: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT EACH RIB, 8" ON CENTER;
PERIMETER: 3/4" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 8" ON CENTER
OPENINGS: 3/4" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 8" ON CENTER
CORNERS: TWO EACH 3/4" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS
SIDELAPS: NO. 10 TEK SCREWS AT 1'-0" ON CENTER AT SIDELAPS BETWEEN SUPPORTS.

2" AND 3" DEEP COMPOSITE DECK:
FIELD: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT EACH RIB, 12" ON CENTER;
PERIMETER: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 12" ON CENTER
OPENINGS: 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS AT 12" ON CENTER
CORNERS: ONE EACH 5/8" DIAMETER ROUND SPOT WELDS TO STEEL SUPPORTS
SIDELAPS: NO. 10 TEK SCREWS AT 2'-0" MAXIMUM ON CENTER OR CLOSER TO SUPPORT WET CONCRETE AND CONSTRUCTION LOADS AT SIDELAPS BETWEEN SUPPORTS.

SPOT WELDS SHALL BE FULLY JOINED ALL AROUND TO THE DECK . AFTER WELDING, ALL ROOF DECK WELDS SHALL BE PAINTED WITH ZRC COLD GALVANIZING COMPOUND.

SD4. STEEL DECK SIZES, GAGES, AND MINIMUM PROPERTIES SHALL BE AS INDICATED ON DRAWINGS OR IN SPECIFICATIONS.

SD5. PROVIDE MINIMUM 16 GAGE SCREED ANGLE OR GREATER WHERE REQUIRED AT PERIMETER OF BUILDING AND ALL OPENINGS IN CONCRETE SLAB ON STEEL DECK, UNLESS OTHERWISE NOTED.

SD6. HANGING FROM OR ATTACHING TO METAL DECK IS PROHIBITED. ALL DUCTS, PIPES, AND CONDUITS SHALL BE SUPPORTED FROM STEEL FRAMING OR SUPPLEMENTAL STEEL FRAMING PROVIDED BY THE CONTRACTOR OR SUBCONTRACTOR.

DOWEL LAMINATED TIMBER NOTES:

DT1. ALL DOWEL LAMINATED TIMBER WORK SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS 2018), THE TIMBER CONSTRUCTION MANUAL, PART II: DESIGN (AITC, 6TH EDITION), INTERNATIONAL BUILDING CODE (IBC 2021), AND THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

DT2. ALL SAWN LUMBER MEMBERS USED IN DOWEL LAMINATED TIMBER PANELS SHALL BE SPRUCE-PINE-FIR (SPF) OR DOUGLAS FIR-LARCH (DF) AS NOTED ON THE PLANS WITH THE FOLLOWING MINIMUM GRADES:

SPRUCE-PINE-FIR (SPF): NO. 2 (OR BETTER)

E = 1.4 x 10⁶ PSI
Fb = 875 PSI
Fc (PARALLEL) = 1150 PSI
Fv = 135 PSI
Ft = 450 PSI

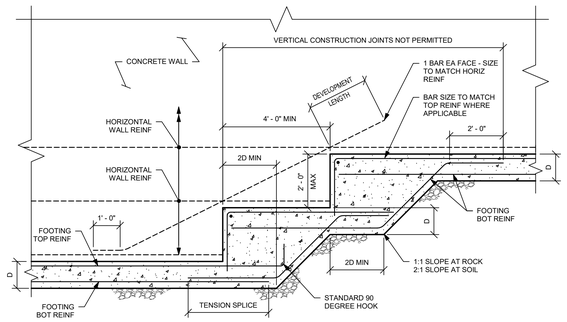
DT3. BOTTOM OF DECK ELEVATIONS INDICATE THE BOTTOM OF THE DOWEL LAMINATED TIMBER PANEL.

DT4. DOWEL LAMINATED TIMBER PANEL DEPTH, SPECIES, PROFILE, FIRE-RESISTANCE RATING, AND MINIMUM PROPERTIES SHALL BE AS INDICATED ON THE DRAWINGS OR IN SPECIFICATIONS.

GLUED LAMINATED TIMBER NOTES:

GT1. ALL GLUED LAMINATED TIMBER WORK SHALL CONFORM TO AMERICAN NATIONAL STANDARD ANSI/AITC A190.1 LATEST EDITION: "STRUCTURAL GLUED-LAMINATED TIMBER" OR DIN EN 14080 FOR EUROPEAN SPRUCE GLULAM. NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS, AITC STANDARD 108 "STANDARD FOR HEAVY TIMBER CONSTRUCTION", INTERNATIONAL BUILDING CODE (IBC 2021), AND THE TENTH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE. IN CASE OF CONFLICT, THE MASSACHUSETTS STATE BUILDING CODE SHALL GOVERN.

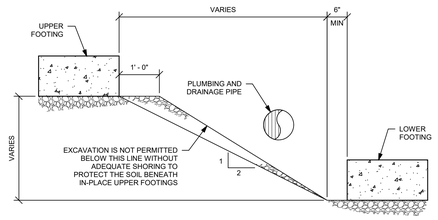
GT2. ALL GLUED LAMIN



TYPICAL ELEVATION OF STEPPED WALL FOOTING DETAIL

1

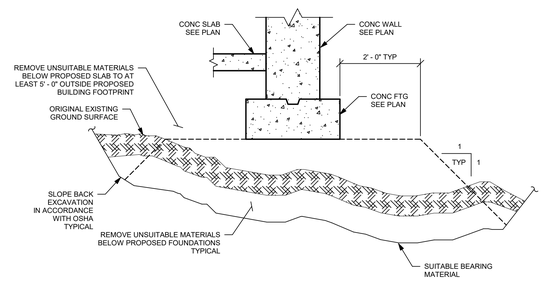
NO SCALE



TYPICAL SLOPE BETWEEN FOOTINGS DETAIL

2

NO SCALE

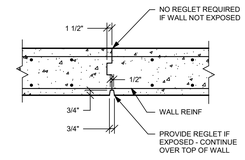


TYPICAL REMOVAL OF UNSUITABLE MATERIALS DETAIL

NOTE:
REFER TO GEOTECHNICAL REPORT AND EARTHWORK SPECIFICATIONS FOR DESCRIPTION OF UNSUITABLE MATERIALS AND SUITABLE BEARING MATERIAL

3

NO SCALE

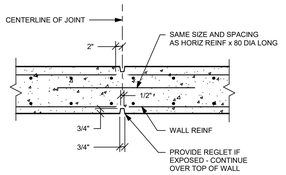


TYPICAL CONCRETE WALL CONSTRUCTION JOINT DETAIL

NOTE:
SPACE AT 60' - 0" CENTER TO CENTER MAX.

4

NO SCALE

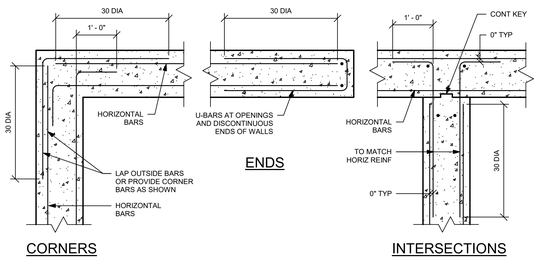


TYPICAL CONCRETE WALL CONTROL JOINT DETAIL

NOTES:
1.) SPACE AT 30' - 0" CENTER TO CENTER MAX.
2.) A CONSTRUCTION JOINT MAY BE SUBSTITUTED FOR A CONTROL JOINT, SEE CONSTRUCTION JOINT DETAIL.

5

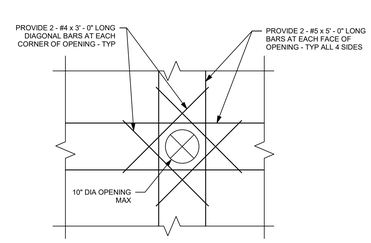
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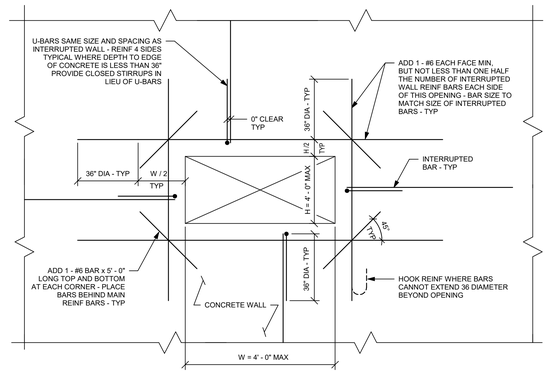
TYPICAL PLAN OF HORIZONTAL REINFORCING OF CONCRETE WALLS DETAIL

6

NO SCALE



NOTE:
THE SLEEVE SHALL NOT INTERRUPT OR CUT THROUGH THE VERTICAL REINFORCING STEEL AND SHALL NOT BE PLACED IN COLUMN PIERS OR PILASTERS.

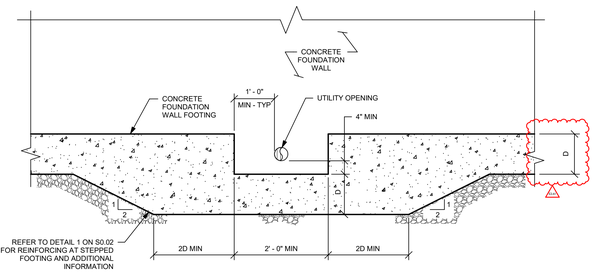


TYPICAL REINFORCEMENT AT OPENINGS IN REINFORCED CONCRETE WALLS DETAIL

NOTE:
FOR QUANTITY, LOCATION, AND SIZES REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.

7

NO SCALE



TYPICAL ELEVATION OF STEPPED WALL FOOTING AT UTILITY OPENING DETAIL

NOTES:
1.) REFER TO APPLICABLE SECTIONS FOR FOUNDATION WALL AND FOOTING REINFORCING.
2.) REFER TO DETAIL 2 ON S0-0-3 FOR REINFORCING AT OPENING IN FOUNDATION WALL.
3.) STEP FOOTING AS REQUIRED BELOW UTILITY OPENING.
4.) COORDINATE WITH ALL CONTRACT DESIGN DISCIPLINES FOR UTILITY OPENING SIZES, PLAN LOCATIONS, AND INVERT ELEVATIONS.

8

NO SCALE

BAR SIZE	ℓ_d PER SPACING AND COVER CASE			
	CASE 1		CASE 2	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	22	17	32	25
#4	20	22	43	33
#5	36	28	54	41
#6	43	33	64	50
#7	63	48	94	72
#8	72	55	107	82
#9	81	62	121	93
#10	91	70	136	105
#11	101	78	151	116
#14	121	93	181	139
#18	161	124	241	186

TENSION DEVELOPMENT LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 3000 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE			
		CASE 1		CASE 2	
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	B	28	22	42	32
#4	B	37	29	56	43
#5	B	47	36	70	54
#6	B	56	43	84	64
#7	B	81	63	122	94
#8	B	93	72	139	107
#9	B	105	81	157	121
#10	B	118	91	177	136
#11	B	131	101	196	151

TENSION LAP SPLICE LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 3000 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

3,000 PSI NORMAL-WEIGHT CONCRETE

BAR SIZE	ℓ_d PER SPACING AND COVER CASE			
	CASE 1		CASE 2	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	19	15	28	22
#4	25	19	37	29
#5	31	24	47	36
#6	37	29	56	43
#7	54	42	81	63
#8	62	48	93	71
#9	70	54	105	81
#10	79	61	118	91
#11	87	67	131	101
#14	105	81	157	121
#18	139	107	209	161

TENSION DEVELOPMENT LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 4500 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE			
		CASE 1		CASE 2	
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	B	24	19	36	28
#4	B	32	25	48	37
#5	B	40	31	60	47
#6	B	48	37	72	56
#7	B	70	54	106	81
#8	B	80	62	121	93
#9	B	91	70	136	105
#10	B	102	79	153	118
#11	B	113	87	170	131

TENSION LAP SPLICE LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 4500 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

4,500 PSI NORMAL-WEIGHT CONCRETE

BAR SIZE	ℓ_d PER SPACING AND COVER CASE			
	CASE 1		CASE 2	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	17	13	25	19
#4	22	17	33	26
#5	28	22	42	32
#6	33	26	50	38
#7	49	37	73	56
#8	72	55	107	82
#9	63	48	94	72
#10	70	54	105	81
#11	78	60	117	90
#14	94	72	140	108
#18	125	96	87	144

TENSION DEVELOPMENT LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 5000 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE			
		CASE 1		CASE 2	
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	B	22	17	33	25
#4	B	29	22	43	33
#5	B	36	28	54	42
#6	B	43	33	65	50
#7	B	63	49	94	73
#8	B	72	55	108	83
#9	B	81	63	122	94
#10	B	91	70	137	105
#11	B	101	78	152	117

TENSION LAP SPLICE LENGTHS, ℓ_d (INCHES) FOR GRADE 60 UNCOATED BARS
f'_c = 5000 psi; NORMAL-WEIGHT CONCRETE BASED ON ACI 12.2.2

5,000 PSI NORMAL-WEIGHT CONCRETE

MINIMUM SPLICE AND EMBEDMENT LENGTH SCHEDULE

(UNLESS SHOWN OTHERWISE ON DRAWINGS)

ABBREVIATIONS:
d_b DENOTES NOMINAL BAR DIAMETER
$>$ DENOTES GREATER THAN
$\geq$ DENOTES EQUAL TO OR GREATER THAN
$<$ DENOTES LESS THAN
$\leq$ DENOTES EQUAL TO OR LESS THAN

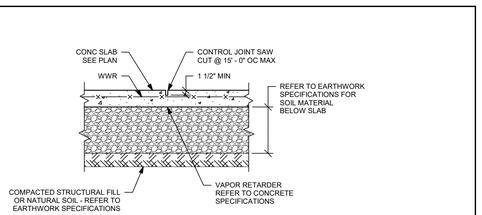
NOTES:
1.) TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST IN THE MEMBER BELOW THE REINFORCEMENT. WALL REINFORCEMENT IS CLASSIFIED AS OTHER BARS.
2.) FOR LIGHTWEIGHT AGGREGATE CONCRETE MULTIPLY THE VALUES ABOVE BY 1.3.

CASE 1 BEAMS AND COLUMNS: CONCRETE COVER $\geq d_b$, C.-C. BAR SPACING $\geq 2\,d_b$ AND WITH STIRRUPS OR TIES THROUGHOUT ℓ_d NOT LESS THAN THE CODE MINIMUM
OTHER MEMBERS: CONCRETE COVER $\geq d_b$ AND C.-C BAR SPACING $\geq 3\,d_b$

CASE 2 BEAMS AND COLUMNS: CONCRETE COVER $< d_b$ AND C.-C. BAR SPACING $< 2\,d_b$
OTHER MEMBERS: CONCRETE COVER $< d_b$ OR C.-C BAR SPACING $< 3\,d_b$

9

NO SCALE

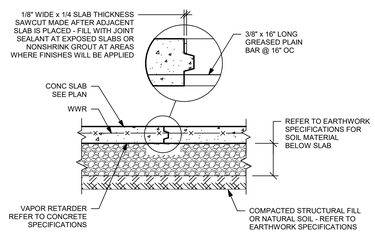


TYPICAL SLAB ON GRADE AND CONTROL JOINT DETAIL

NOTES:
1.) SUBMIT A PLAN SHOWING PROPOSED LOCATIONS OF ALL THE CONTROL JOINTS AND CONSTRUCTION JOINTS FOR REVIEW BY THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE FOR THE SLAB. CONTROL JOINTS SHALL TERMINATE AT SLAB EDGE OR CONSTRUCTION JOINT.
2. PROVIDE SUPPORT FOR WWR AT 3' - 0" ON CENTER MAXIMUM, EACH WAY.

10

NO SCALE

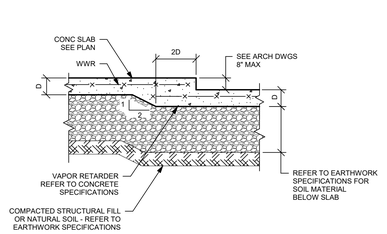


TYPICAL SLAB ON GRADE CONSTRUCTION JOINT DETAIL

NOTE:
SUBMIT A PLAN SHOWING PROPOSED LOCATIONS OF ALL THE CONTROL JOINTS AND CONSTRUCTION JOINTS FOR REVIEW BY THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE FOR THE SLAB.

11

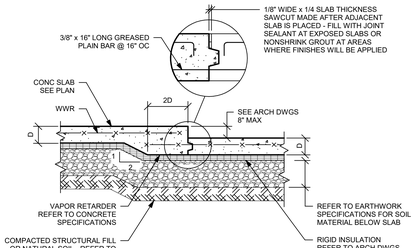
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TYPICAL DEPRESSED SLAB ON GRADE DETAIL

12

NO SCALE



TYPICAL DEPRESSED SLAB ON GRADE CONSTRUCTION JOINT DETAIL

NOTE:
SUBMIT A PLAN SHOWING PROPOSED LOCATIONS OF ALL THE CONTROL JOINTS AND CONSTRUCTION JOINTS FOR REVIEW BY THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE FOR THE SLAB.

13

NO SCALE

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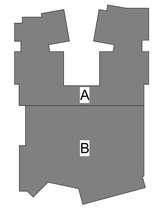
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ISSUE TITLE AND DATE:

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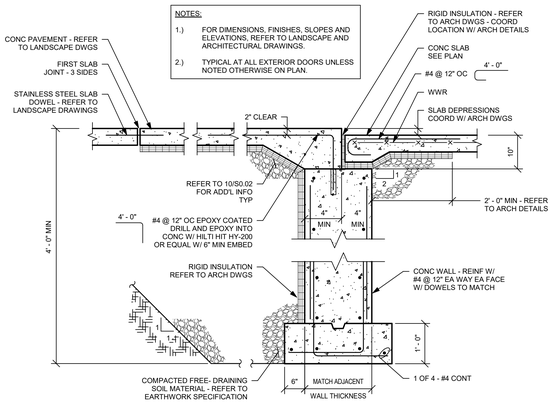
PROJECT NORTH

SHEET TITLE:
TYPICAL DETAILS

SHEET NUMBER:
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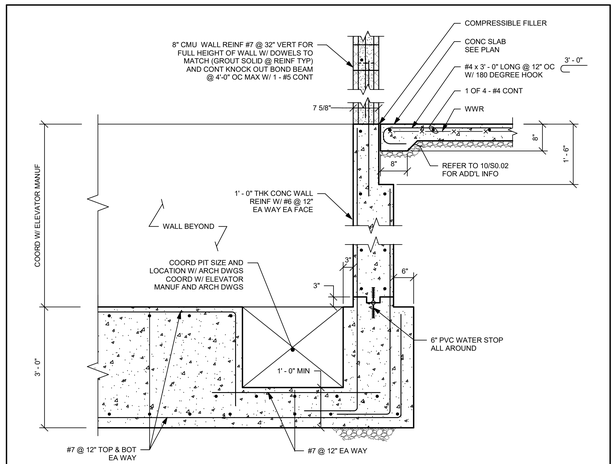
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SECTION AT EXTERIOR DOOR THRESHOLD

1

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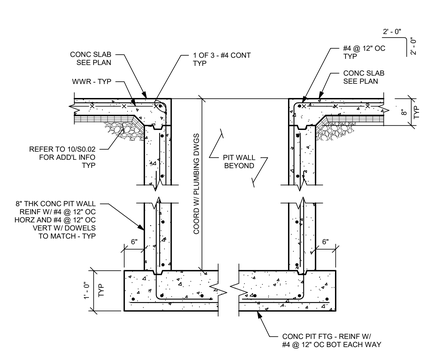


ELEVATOR PIT DETAIL

NOTE:
COORDINATE ELEVATOR PIT DIMENSIONS WITH ELEVATOR MANUFACTURER AND ARCHITECTURAL DRAWINGS.

2

NO SCALE

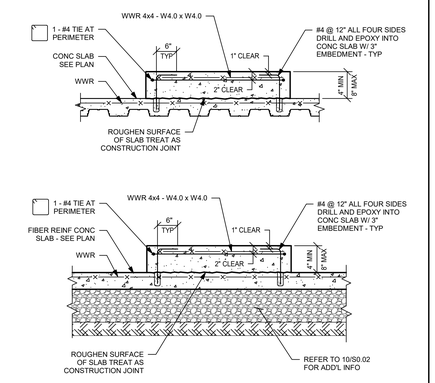


CONCRETE PIT TYPICAL DETAIL

NOTES:
1.) REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS FOR LOCATION AND ADDITIONAL INFORMATION.
2.) REFER TO PLUMBING DRAWINGS FOR PIT DIMENSIONS.
3.) COORDINATE COVER GRATING WITH METAL FABRICATIONS AND ARCHITECTURAL DRAWINGS.

3

NO SCALE

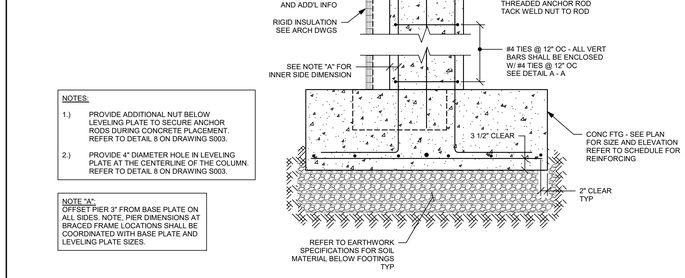


TYPICAL EQUIPMENT PAD DETAILS

NOTE:
FOR SIZE OF PADS AND LOCATIONS SEE MECHANICAL AND ELECTRICAL DRAWINGS.

4

NO SCALE



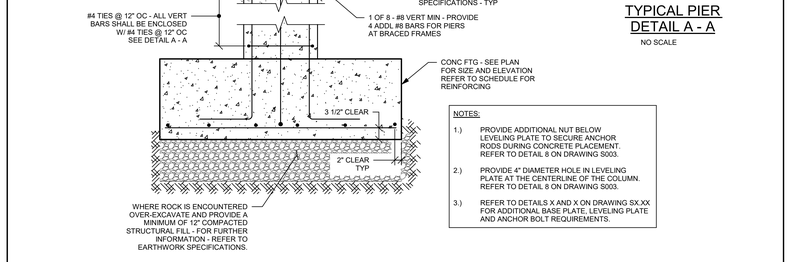
NOTES:
1.) PROVIDE ADDITIONAL NUT BELOW LEVELING PLATE TO SECURE ANCHOR RODS DURING CONCRETE PLACEMENT. REFER TO DETAIL 8 ON DRAWING S003.
2.) PROVIDE 4" DIAMETER HOLE IN LEVELING PLATE AT THE CENTERLINE OF THE COLUMN. REFER TO DETAIL 8 ON DRAWING S003.

NOTE "A":
OFFSET PIER 3" FROM BASE PLATE ON ALL SIDES. NOTE, PIER DIMENSIONS AT BRACED FRAME LOCATIONS SHALL BE COORDINATED WITH BASE PLATE AND LEVELING PLATE SIZES.

TYPICAL CONCRETE FOOTING WITH EXTERIOR PIER DETAIL

5

NO SCALE



TYPICAL CONCRETE FOOTING WITH PIER OR PILASTER DETAIL

NOTES:
1.) PROVIDE ADDITIONAL NUT BELOW LEVELING PLATE TO SECURE ANCHOR RODS DURING CONCRETE PLACEMENT. REFER TO DETAIL 8 ON DRAWING S003.
2.) PROVIDE 4" DIAMETER HOLE IN LEVELING PLATE AT THE CENTERLINE OF THE COLUMN. REFER TO DETAIL 8 ON DRAWING S003.
3.) REFER TO DETAILS X AND X ON DRAWING SX.XX FOR ADDITIONAL BASE PLATE, LEVELING PLATE AND ANCHOR BOLT REQUIREMENTS.

6

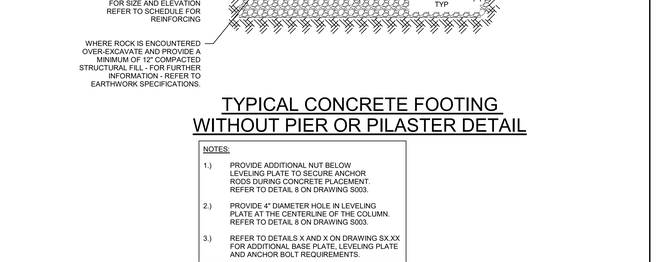
NO SCALE

WASHER PLATE DETAIL

NO SCALE

TYPICAL PIER DETAIL A - A

NO SCALE

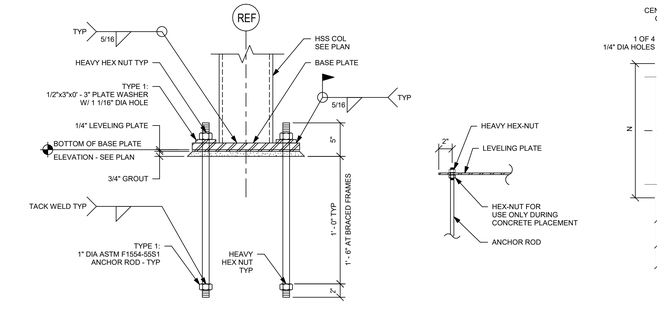


TYPICAL CONCRETE FOOTING WITHOUT PIER OR PILASTER DETAIL

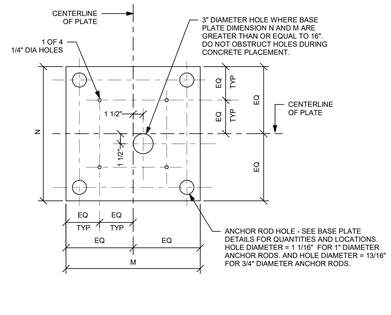
NOTES:
1.) PROVIDE ADDITIONAL NUT BELOW LEVELING PLATE TO SECURE ANCHOR RODS DURING CONCRETE PLACEMENT. REFER TO DETAIL 8 ON DRAWING S003.
2.) PROVIDE 4" DIAMETER HOLE IN LEVELING PLATE AT THE CENTERLINE OF THE COLUMN. REFER TO DETAIL 8 ON DRAWING S003.
3.) REFER TO DETAILS X AND X ON DRAWING SX.XX FOR ADDITIONAL BASE PLATE, LEVELING PLATE AND ANCHOR BOLT REQUIREMENTS.

7

NO SCALE



ANCHOR DETAIL

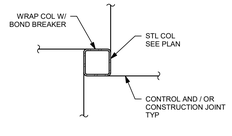


TYPICAL LEVELING PLATE DETAIL

NOTE:
SIMILAR AT RECTANGULAR BASE PLATES AT BRACE FRAMES.

8

NO SCALE

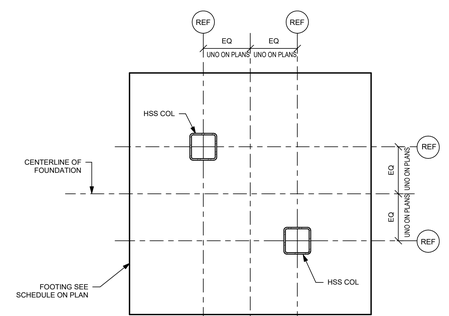


TYPICAL PLAN OF INTERIOR COLUMNS AT SLAB ON GRADE DETAIL

NOTE:
SIMILAR AT EXTERIOR COLUMNS.

9

NO SCALE



10

NO SCALE

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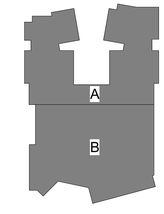
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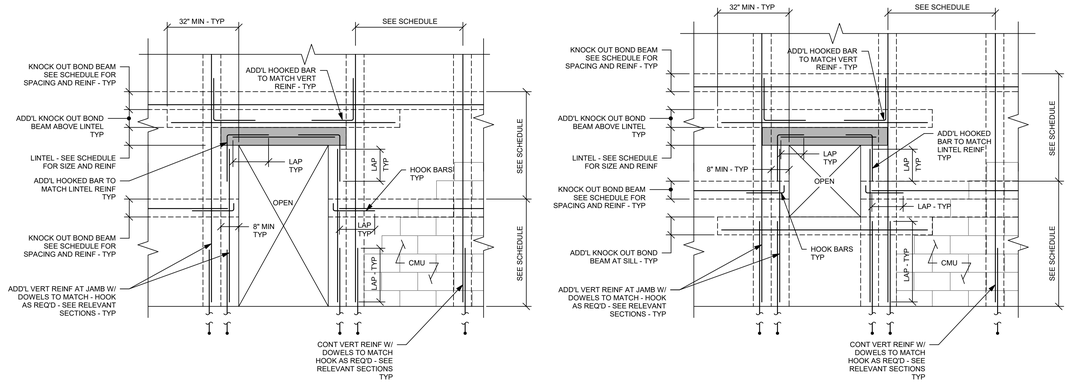


PROJECT NORTH

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TYPICAL DETAILS

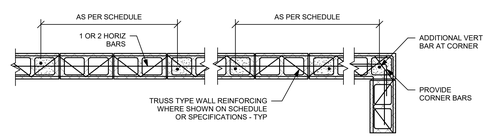
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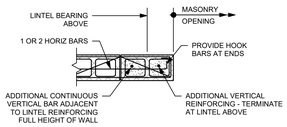
TYPICAL REINFORCING AT CMU WALLS WITH OPENINGS ELEVATION

1



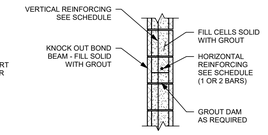
TYPICAL DETAIL

CORNER DETAIL



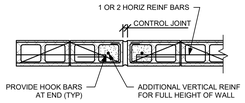
END DETAIL

NOTES:
1.) PROVIDE 1 - CONTINUOUS BAR AT MASONRY OPENING 4' - 0" OR LESS IN WIDTH. AT STEEL LINTEL CONTINUE BARS AT MASONRY LINTEL.
2.) PROVIDE 2 - CONTINUOUS BARS AT MASONRY OPENING 4' - 0" TO 8' - 0" IN WIDTH.



BOND BEAM DETAIL

NOTES:
1.) SEE SCHEDULE FOR SPACING.
2.) PROVIDE REINFORCED BOND BEAM WITHIN 16" OF TOP OF WALL.
3.) PROVIDE REINFORCED BOND BEAM AT TOP AND BOTTOM OF ALL OPENINGS.



VERTICAL CONTROL JOINT DETAIL

MINIMUM CONCRETE MASONRY WALL REINFORCING SCHEDULE

WALL LOCATION	WALL THICKNESS	VERTICAL REINFORCING	HORIZONTAL REINFORCING
SHEAR WALLS AND LOADING BEARING SHEAR WALLS SHOWN ON PLAN	8"	#7 @ 48"	1 - #5 IN BOND BEAM AT 48" ON CENTER
	12"	#8 @ 48"	2 - #5 IN BOND BEAM AT 48" ON CENTER
CLASS 'A' WALLS	6"	#6 @ 48"	1 - #5 IN BOND BEAM AT 48" ON CENTER
ALL EXTERIOR WALLS, STAIR WALLS, AND ELEVATOR SHAFT WALLS	8"	#7 @ 48"	1 - #5 IN BOND BEAM AT 48" ON CENTER
	12"	#8 @ 48"	2 - #5 IN BOND BEAM AT 48" ON CENTER
CLASS 'B' WALLS ALL INTERIOR CMU WALLS GREATER THAN 16' - 0" IN HEIGHT	ALL SIZES	#4 @ 48"	1 - #4 IN BOND BEAM AT 48" ON CENTER
CLASS 'C' WALLS ALL INTERIOR CMU WALLS 16' - 0" IN HEIGHT OR LESS	ALL SIZES	#4 @ 48"	1 - #4 IN BOND BEAM AT 48" ON CENTER

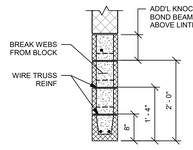
NOTES:
1) REFER TO PLANS, SECTIONS, AND SPECIFICATIONS FOR REINFORCING REQUIREMENTS MORE STRINGENT THAN IN THE SCHEDULE.
2) PROVIDE REINFORCED BOND BEAM WITHIN 16" OF TOP OF WALL
3) ALL VERTICAL REINFORCING TO BE IN SOLIDLY GROUTED CELLS, AND PROVIDE 48 DIAMETER LAP AT ALL BAR SPLICES TYPICAL.
4) PROVIDE 9 GA HORIZONTAL JOINT REINFORCING AT 16" OC FOR ALL WALLS.

NOTE:
ALL REINFORCING WITHIN THE MASONRY WALL SHALL BE FURNISHED BY THE MASONRY SUB CONTRACTOR(SPECIFICATION 04200) EXCEPT DOWELS EMBEDDED IN CONCRETE FOUNDATION ARE THE RESPONSIBILITY TO THE GENERAL CONTRACTOR AND THE CONCRETE SUB-CONTRACTOR

NO SCALE

MASONRY LINTEL SCHEDULE

OPENING DIMS	8" x 12" WIDE BEAM	REINFORCEMENT
0' - 0" - 4' - 0"	8" x 8" DEEP	2 - #5 CONT
4 - 0" - 8' - 0"	8" x 16" DEEP	2 - #5 CONT
8' - 0" - 12' - 0"	8" x 24" DEEP	2 - #6 CONT AND WIRE TRUSS TYPE - REINF AT JOINTS
0' - 0" - 4' - 0"	12" x 8" DEEP	2 - #5 CONT
4 - 0" - 8' - 0"	12" x 16" DEEP	2 - #5 CONT AND WIRE TRUSS TYPE - REINF AT JOINTS
8' - 0" - 12' - 0"	12" x 24" DEEP	2 - #6 TOP & BOT CONT AND WIRE TRUSS TYPE REINF AT JOINTS

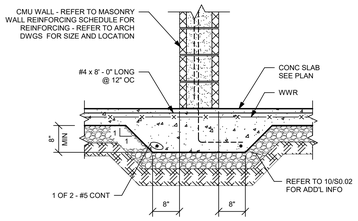


MASONRY LINTEL DETAIL AND SCHEDULE

NOTE:
NO CONSTRUCTION JOINTS OR CONTROL JOINTS ARE PERMITTED WITHIN 3' - 0" OF EDGE OF OPENING.

2

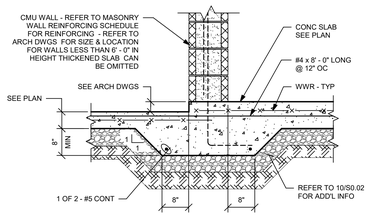
NO SCALE



TYPICAL THICKENED SLAB AT CMU WALL DETAIL

3

NO SCALE



TYPICAL THICKENED SLAB AT CMU WALL AND SLAB DEPRESSION DETAIL

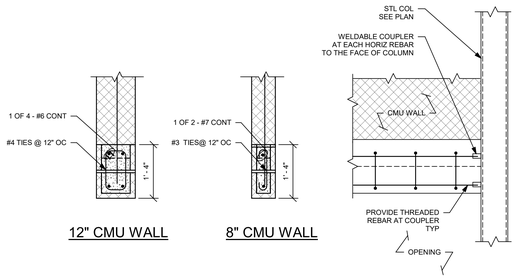
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NO SCALE

MASONRY LINTEL SCHEDULE

OPENING DIMS	8" WIDE CMU	REINFORCEMENT
0' - 0" - 4' - 0"	8" x 8" DEEP	2 - #5 CONT
4 - 0" - 8' - 0"	8" x 16" DEEP	2 - #5 CONT
8' - 0" - 12' - 0"	8" x 24" DEEP	2 - #6 CONT AND WIRE TRUSS TYPE - REINF AT JOINTS
OPENING DIMS	12" WIDE CMU	REINFORCEMENT
0' - 0" - 4' - 0"	12" x 8" DEEP	2 - #5 CONT
4 - 0" - 8' - 0"	12" x 16" DEEP	2 - #5 CONT AND WIRE TRUSS TYPE - REINF AT JOINTS
8' - 0" - 12' - 0"	12" x 24" DEEP	2 - #6 TOP & BOT CONT AND WIRE TRUSS TYPE REINF AT JOINTS

NOTE:
ALL REINFORCING WITHIN THE MASONRY WALL SHALL BE FURNISHED BY THE MASONRY SUB CONTRACTOR(SPECIFICATION 04200) EXCEPT DOWELS EMBEDDED IN CONCRETE FOUNDATION ARE THE RESPONSIBILITY TO THE GENERAL CONTRACTOR AND THE CONCRETE SUB-CONTRACTOR



12" CMU WALL

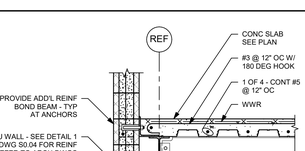
8" CMU WALL

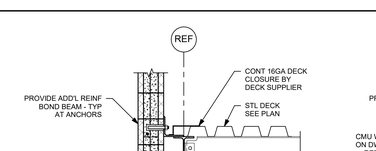
TYPICAL MASONRY LINTEL AT COLUMN

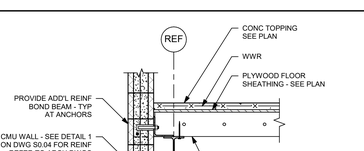
NOTES:
1) DETAIL APPLIES WHERE THE OPENING IS LESS THAN 16" FROM THE FACE OF THE COLUMN.
2) DETAIL TO APPLY TO OPENINGS 5' - 0" OR LESS. FOR OPENINGS 5' - 0" TO 10' - 0" PROVIDE 24" DEEP BEAM WITH 6 HORIZ BARS.
3) COORD COUPLER INSTALLATION WITH THE MANUFACTURER.
4) REFER TO DETAIL 1 ON DRAWING S005 FOR ADDITIONAL INFORMATION.

5

NO SCALE





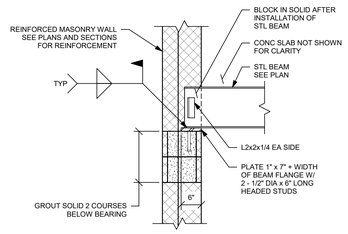


TYPICAL STEEL TO MASONRY CONNECTION DETAIL

NOTE:
DETAIL OCCURS AT ALL SHEAR + CLASS A WALLS AND WHERE SHOWN ON STRUCTURAL PLANS.

6

NO SCALE

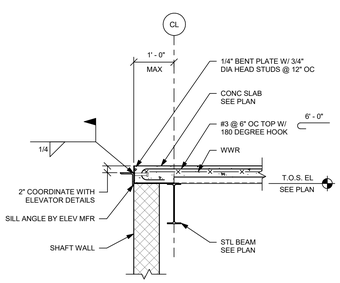


TYPICAL STEEL BEAM ON CMU DETAIL

NOTES:
1.) STRUCTURAL STEEL SHAPES ARE FURNISHED AND INSTALLED UNDER SPECIFICATION SECTION 051200.
2.) STRUCTURAL STEEL PLATES AND ANCHORS ARE FURNISHED UNDER SPECIFICATION SECTION 051200 AND INSTALLED UNDER SPECIFICATION SECTION 042000.
3.) CONSTRUCTION OF BEAM POCKETS AND INFILL OF BEAM POCKETS ARE UNDER SPECIFICATION 042000.

7

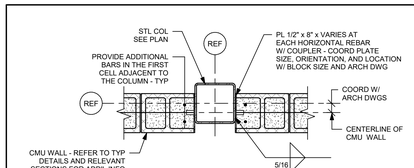
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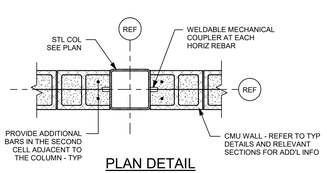
TYPICAL ELEVATOR SLAB DETAIL

8

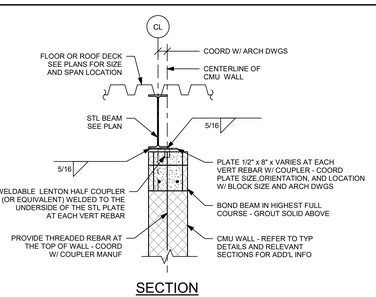
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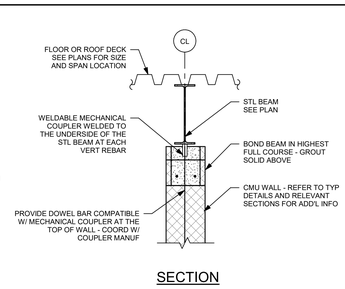
PLAN DETAIL



PLAN DETAIL



SECTION



SECTION

NOTES:
1.) WELDABLE MECHANICAL COUPLER (ZAP SCREWLOK SL STRUCTURAL CONNECTOR BY BAR SPLICE PRODUCTS INC OR EQUAL) TO BE FURNISHED AND WELDED TO THE UNDERSIDE OF THE STEEL BEAM OR STEEL COLUMN UNDER (SPECIFICATION 042000) UNLESS NOTED OTHERWISE IN RELEVANT SECTIONS.
2.) REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY SIZE AND LOCATION WITH RESPECT TO THE STEEL COLUMN.
3.) COORDINATE WELDING REQUIREMENTS OF THE COUPLER WITH THE MANUFACTURER.

DOWEL BAR SCHEDULE

WALL THICKNESS	BAR SIZE	SPACING
8"	#7 x 6' - 0"	MATCH WALL REINF SPACING
12"	#9 x 7' - 0"	MATCH WALL REINF SPACING

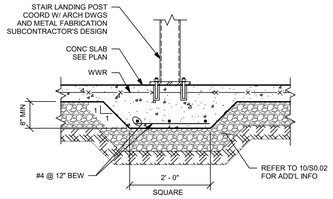
TYPICAL STEEL TO REINFORCED MASONRY SHEAR WALL ANCHORAGE DETAILS

(UNLESS NOTED OTHERWISE)

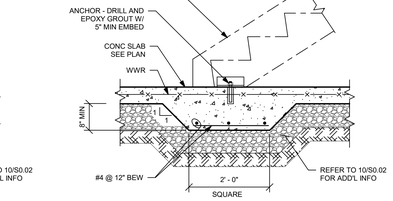
9

NO SCALE

NOTE:
ALL ANCHORAGE OF STAIR COMPONENTS BY 05 50 00 METAL FABRICATIONS



TYPICAL DETAIL AT MISCELLANEOUS AND STAIR LANDING POSTS



TYPICAL SECTION AT STAIR STRINGER SUPPORT

10

NO SCALE

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320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

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REVISIONS:

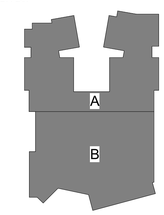
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KEY PLAN



ORIENTATION AND SCALE:

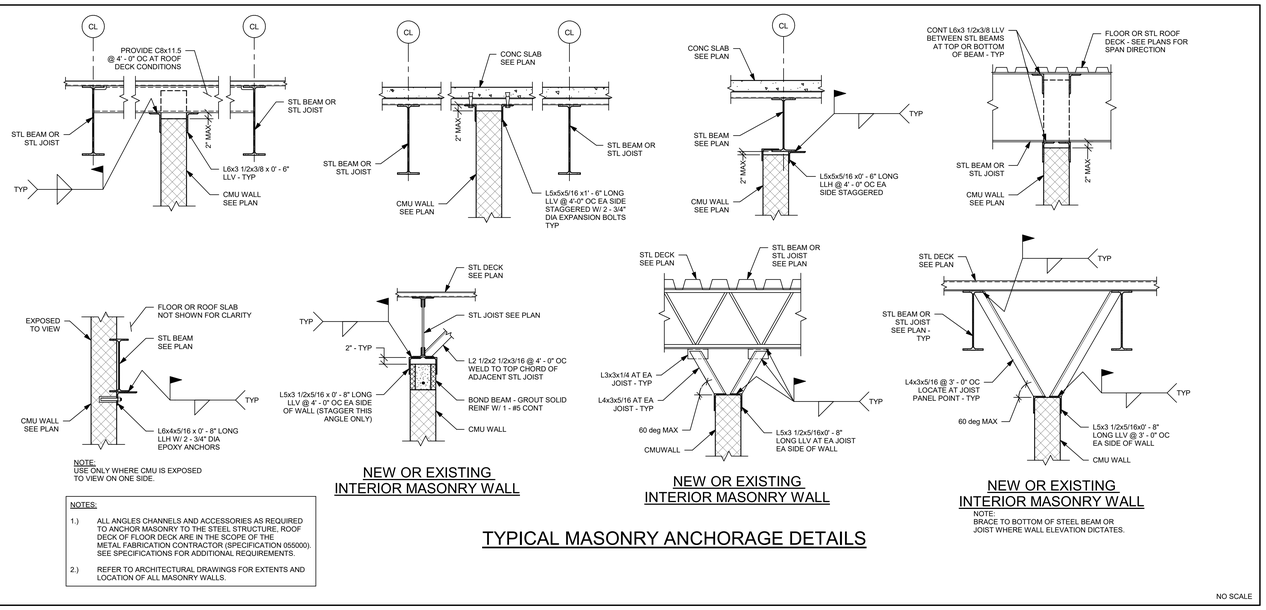


PROJECT NORTH

SHEET TITLE:
TYPICAL DETAILS

SHEET NUMBER:
S0.04

Autodesk Docs://Wilmington Elementary School/STRUC - 947 - Wilmington ES.rvt
9/22/2026 9:37:09 AM



NOTES:

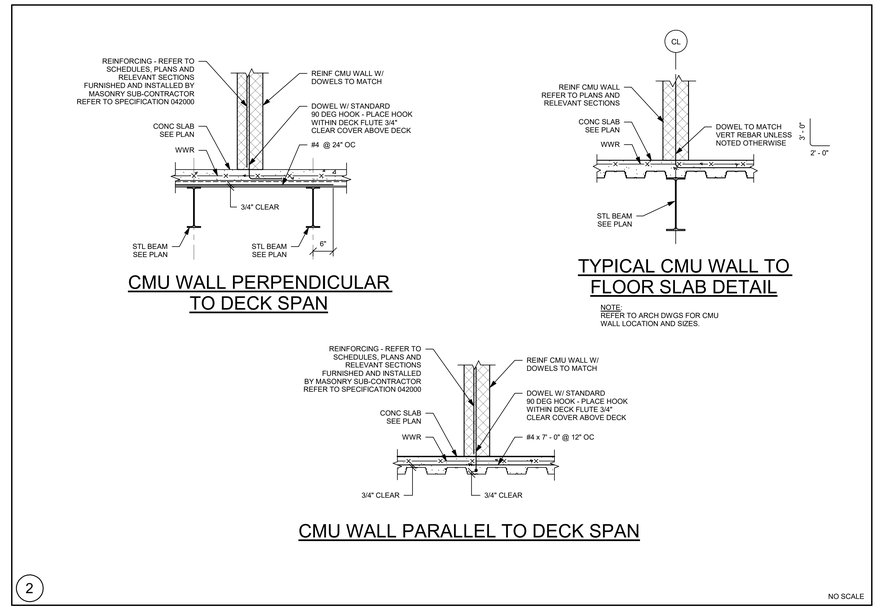
1.) ALL ANGLES CHANNELS AND ACCESSORIES AS REQUIRED TO ANCHOR MASONRY TO THE STEEL STRUCTURE. ROOF DECK OF FLOOR DECK ARE IN THE SCOPE OF THE METAL FABRICATION CONTRACTOR (SPECIFICATION 055000). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2.) REFER TO ARCHITECTURAL DRAWINGS FOR EXTENTS AND LOCATION OF ALL MASONRY WALLS.

TYPICAL MASONRY ANCHORAGE DETAILS

1

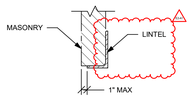
NO SCALE



2

NO SCALE

LINTEL SCHEDULE	
MASONRY OPENING	STEEL ANGLE, LINTEL SIZE
UP TO 4' - 6"	L 4 x 3-1/2 x 5/16 (4" LEG VERTICAL)
4' - 7" TO 6' - 0"	L 5 x 3-1/2 x 5/16 (5" LEG VERTICAL)
6' - 1" TO 8' - 0"	L 6 x 3-1/2 x 3/8 (6" LEG VERTICAL)
8' - 1" TO 10' - 0"	L7x4x3/8 (7" LEG VERTICAL, TRIM HORIZONTAL LEG TO 3 - 1/2" GRIND SMOOTH)



TYPICAL SECTION SINGLE WYTHE MASONRY

NOTES:

1.) PROVIDE LINTELS OVER ALL MASONRY OPENINGS UNLESS OTHERWISE NOTED OR DETAILED.

2.) PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS. FOR 6" WALLS PROVIDE TEE, DOUBLE ANGLE OR BUILT-UP SECTION WITH PROPERTIES EQUAL TO OR GREATER THAN 1-1/2" TIMES ANGLE PROPERTIES FOR 4" WALL.

3.) PROVIDE 8" OF BEARING EACH END OF ALL LINTELS.

4.) SPAN LENGTH = CENTERLINE TO CENTERLINE OF BEARING.

5.) ALL EXTERIOR LINTELS SHALL BE GALVANIZED. PROVIDE 1/4" THICK CLOSURE PLATE OVER AIR SPACE AT OPENINGS UNLESS NOTED OR DETAILED OTHERWISE ON ARCHITECTURAL DRAWINGS.

6.) FOR CURVED/BENT LINTELS USE CHORD LENGTH IN CONJUNCTION WITH SCHEDULE ABOVE. PROVIDE HORIZONTAL ANGLES AT EACH END OF LINTEL FOR 8" OF BEARING. HORIZONTAL ANGLES SHALL MATCH LINTEL SIZE AND SHALL BE WELDED TO CURVED ANGLE WITH FULL PENETRATION WELD.

7.) LOOSE LINTELS SHALL BE FURNISHED BY METAL FABRICATIONS (SPECIFICATION 055000) AND INSTALLED BY UNIT MASONRY ASSEMBLIES (SPECIFICATION 042000).

8.) LOOSE LINTELS ARE REQUIRED FOR ALL OPENINGS INCLUDING DOORS, WINDOWS, MECHANICAL DUCTS, PIPES ETC...

9.) ALL THE LINTELS NOT ATTACHED TO STRUCTURAL STEEL ARE IN THE SCOPE OF THE METAL FABRICATION CONTRACTOR (SPECIFICATION 055000). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. ALL THE LINTELS WELDED TO STRUCTURAL STEEL ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE STRUCTURAL STEEL FABRICATOR.

TYPICAL STEEL LINTEL SCHEDULE

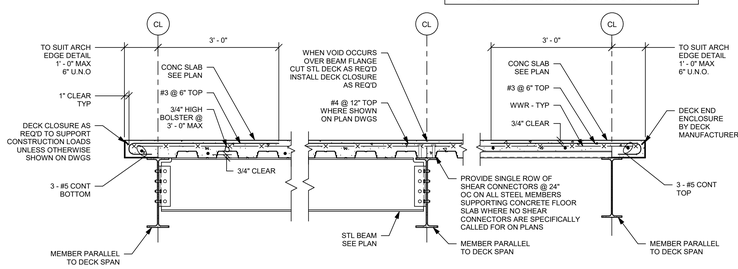
3

NO SCALE

NOTES:

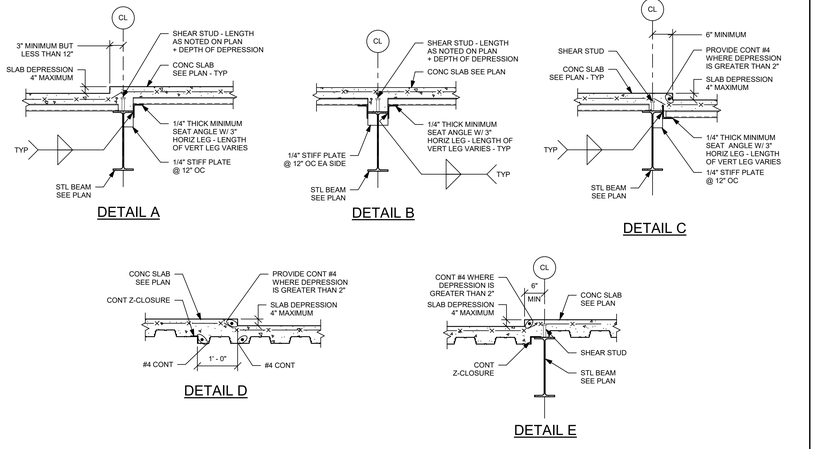
1.) CENTER SHEAR STUDS DIRECTLY OVER BEAM WEB FOR ALL BEAMS WITH FLANGE THICKNESS LESS THAN 5/16".

2.) LOCATE LAP SPLICES IN WWR A MINIMUM OF 5 FEET FROM SLAB EDGES WHERE THE LAP IS PARALLEL TO THE SLAB EDGE. TOLERANCE FOR CLEAR COVER PER ACI IS MINUS 1/4".



4

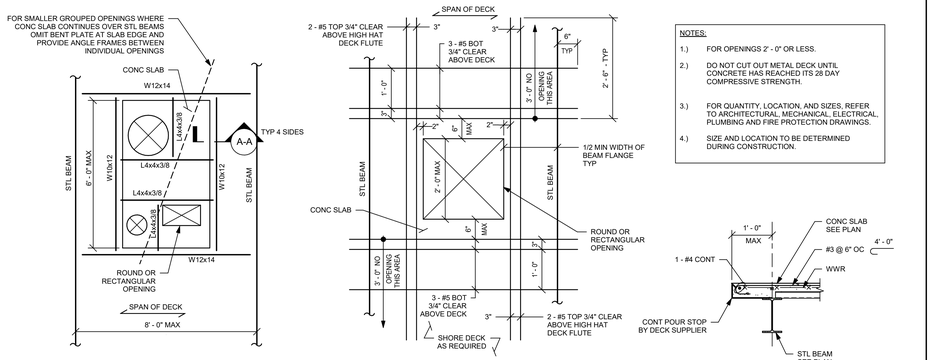
NO SCALE



TYPICAL STEEL DECK AT CHANGES IN SLAB ELEVATIONS OR SLAB THICKNESS DETAIL

5

NO SCALE



NOTES:

1.) FOR OPENINGS 2' - 0" OR LESS.

2.) DO NOT CUT OUT METAL DECK UNTIL CONCRETE HAS REACHED ITS 28 DAY COMPRESSIVE STRENGTH.

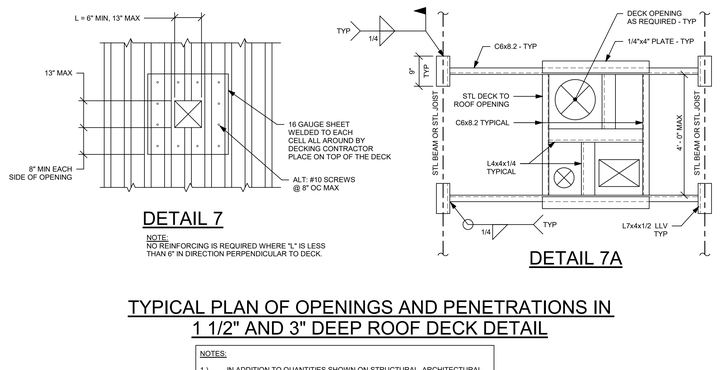
3.) FOR QUANTITY, LOCATION, AND SIZES, REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS.

4.) SIZE AND LOCATION TO BE DETERMINED DURING CONSTRUCTION.

TYPICAL REINFORCEMENT AT OPENINGS IN CONCRETE SLAB ON STEEL DECK DETAIL

6

NO SCALE



TYPICAL PLAN OF OPENINGS AND PENETRATIONS IN 1 1/2" AND 3" DEEP ROOF DECK DETAIL

NOTES:

1.) IN ADDITION TO QUANTITIES SHOWN ON STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS ALLOW FOR 10 ADDITIONAL LOCATIONS EACH FOR DETAIL 7 AND 7A.

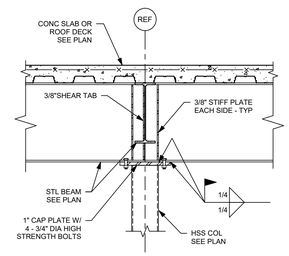
2.) SIZE AND LOCATION TO BE DETERMINED DURING CONSTRUCTION.

3.) INSTALL FRAME BEFORE INSTALLATION OF STEEL ROOF DECK. WELD DECK TO FRAME PER SPECIFICATIONS.

4.) FOR OPENINGS LARGER THAN 4' - 0" NOTIFY ENGINEER.

7

NO SCALE



8

NO SCALE

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PROJECT NUMBER: 23-0847

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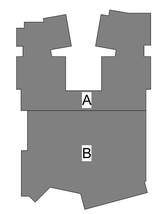
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E2-A1	09/04/2026	ERP 2 - ADDENDUM 1

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KEY PLAN



ORIENTATION AND SCALE:



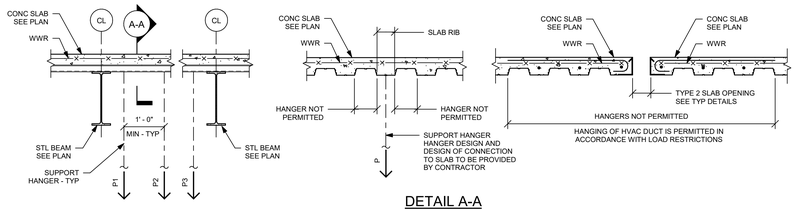
PROJECT NORTH

SHEET TITLE: TYPICAL DETAILS

SHEET NUMBER: S0.05

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DETAIL A-A

TYPICAL DETAIL - CONCRETE SLAB ON COMPOSITE STEEL DECK SUPPORT HANGER LOAD RESTRICTIONS

NOTES:

1.) P = SINGLE SUPPORT HANGER LOAD - MAXIMUM LOAD OF SINGLE HANGER = 150 lb.

2.) P1 + P2 + P3 = 300 lb - SUM OF ALL SUPPORT LOADS HUNG ALONG A SINGLE RIB SHALL NOT EXCEED 300 lbs.

3.) 3 SUPPORT HANGERS SHOWN ACTUAL NUMBER OF HANGERS VARIES.

4.) DO NOT HANG FROM STEEL DECK TABS.

5.) DESIGN OF HANGERS AND HANGER CONNECTIONS TO THE SLAB IS BY THE CONTRACTOR.

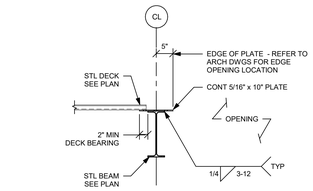
6.) WHERE POSSIBLE ALL HANGERS SHALL BE SUSPENDED FROM THE STRUCTURAL STEEL BEAMS.

7.) DO NOT INSTALL HANGER UNTIL CONCRETE HAS REACHED ITS 28 DAY COMPRESSIVE STRENGTH.

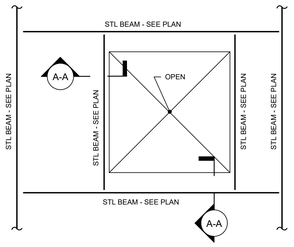
8.) THIS DETAIL SHOULD BE LIMITED TO MAXIMUM 6" DIAMETER PIPES PIPES LARGER THAT 6" DIAMETER SHOULD BE SUPPORTED FROM THE STRUCTURAL STEEL BEAMS ONLY USING CONCENTRIC HANGERS FROM BEAM FLANGES OR SOME OTHER SUPPORTS SUCH THAT THE LOAD IS NOT ECCENTRIC TO THE BEAM CENTERLINE.

1

NO SCALE



DETAIL A-A

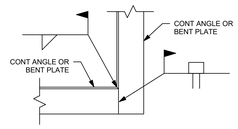


PLAN DETAIL

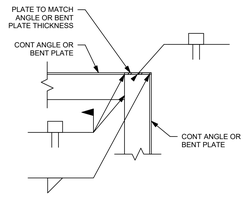
TYPICAL ROOF HATCH OPENING DETAIL

2

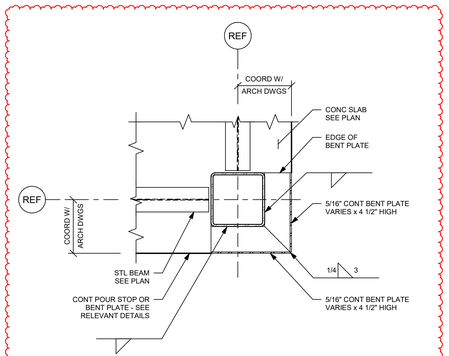
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TYPICAL CONTINUOUS EDGE ANGLE PLAN DETAIL AT CORNER



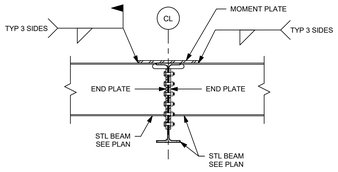
TYPICAL CONTINUOUS EDGE ANGLE PLAN DETAIL AT RE-ENTRANT CORNER



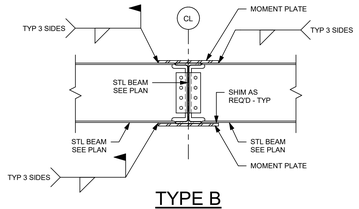
TYPICAL PLAN DETAIL AT CORNERS

3

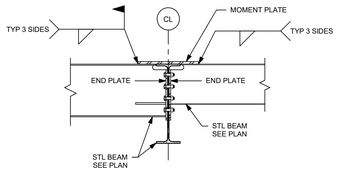
NO SCALE



TYPE A



TYPE B



TYPE C

NOTES:

1.) SHEAR CONNECTION SHALL BE DESIGNED FOR THE BEAM END REACTIONS GIVEN ON THE DRAWINGS.

2.) DESIGN MOMENT PLATES FOR THE FULL MOMENT CAPACITY OF THE SMALLER BEAM.

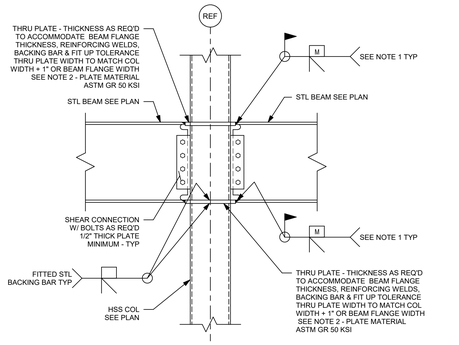
3.) DO NOT WELD MOMENT PLATE TO THE SUPPORTING GIRDER.

4.) PROVIDE PLATE ON EACH SIDE OF TOP FLANGE AT MOMENT PLATE FOR DECK SUPPORT. PLATE THICKNESS TO MATCH BEAM FLANGE THICKNESS x 2" x LENGTH OF MOMENT PLATE + 2" CUT OUT DECK AT MOMENT PLATE.

BEAM TO BEAM MOMENT CONNECTION DETAILS

4

NO SCALE



TYPICAL FULLY RESTRAINED MOMENT CONNECTION BEAM TO HSS COLUMN DETAIL

NOTES:

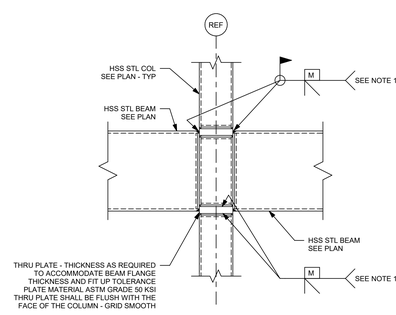
1.) REMOVE STEEL BACKING BAR AT BOTTOM FLANGE. THE ROOT PASS SHALL BE BACK GOUGED TO SOUND WELD METAL AND RE-WELDED. ADD A 5/16" REINFORCING FILLET WELD AT THE TOP AND BOTTOM OF THE BOTTOM FLANGE. ADD A 5/16" REINFORCING FILLET WELD TO THE TOP OF THE TOP FLANGE. ADD A 5/16" MIN REINFORCING FILLET WELD TO THE BOTTOM OF STEEL BACKING BAR AT THE TOP FLANGE.

2.) PROVIDE ADDITIONAL THRU PLATES WHERE BEAM DEPTHS VARY.

3.) SEE AISC SEISMIC DESIGN MANUAL FOR ADDITIONAL REQUIREMENTS.

5

NO SCALE



TYPICAL FULLY RESTRAINED MOMENT CONNECTION HSS BEAM TO HSS COLUMN DETAIL

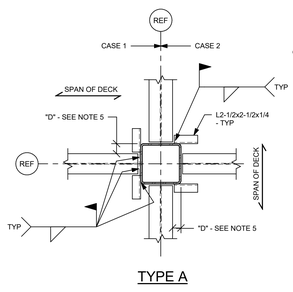
NOTES:

1.) PROVIDE FITTED STEEL BACKING PLATE GRIND WELD SMOOTH

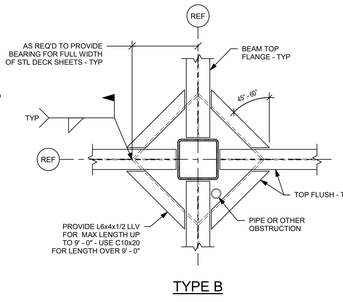
2.) REMOVE ALL ERECTION CLIPS AND BOLTS AFTER FINAL WELDING AND GRIND SMOOTH

6

NO SCALE



TYPE A



TYPE B

TYPICAL PLAN OF STEEL DECK SUPPORT DETAIL

NOTES: USE SIMILAR DETAIL:

1.) AT BEAM TO BEAM MOMENT CONNECTION.

2.) WHERE PIPE SELVES OCCUR NEXT TO COLUMN.

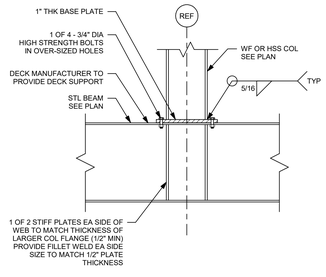
3.) WHERE COLUMN BASE PLATE OCCURS ON TOP FLANGE OF STEEL BEAM.

4.) AT ALL OTHER CONDITIONS WHERE DECK SUPPORT IS INTERRUPTED FOR A DISTANCE GREATER THAN 6".

5.) WHERE "D" IS 6" OR LESS DECK SUPPORT ANGLES ARE NOT REQUIRED.

7

NO SCALE

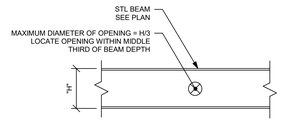


TYPICAL STEEL COLUMN SUPPORTED BY STEEL BEAM DETAIL

NOTE: SIMILAR AT BEAM OVER COLUMN CONDITION

8

NO SCALE



TYPICAL UNREINFORCED BEAM WEB OPENING DETAIL

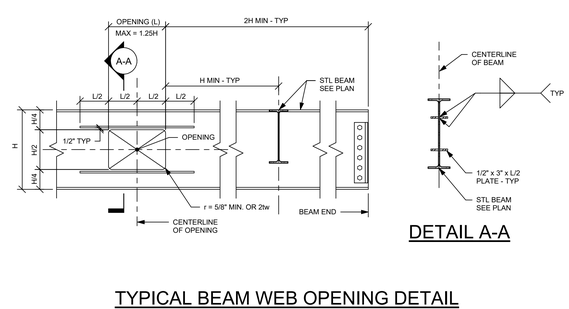
NOTES:

1.) FOR QUANTITY, LOCATION, AND SIZES, COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

2.) SUBMIT ALL BEAM PENETRATIONS ON SHOP DRAWINGS FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

9

NO SCALE



DETAIL A-A

TYPICAL BEAM WEB OPENING DETAIL

NOTES:

1.) FOR QUANTITY, LOCATION, AND SIZES, COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

2.) SUBMIT ALL BEAM PENETRATIONS ON SHOP DRAWINGS FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

3.) MULTIPLE OPENINGS: THE CLEAR DISTANCE BETWEEN THE EDGES OF THE OPENINGS SHALL BE TWO TIMES THE DEPTH OF THE BEAM. SMALLER OPENINGS CAN BE COMBINED INTO A SINGLE, LARGER OPENING PROVIDED THE PARAMETERS OF THE LARGER OPENING MEET THE REQUIREMENTS ABOVE.

10

NO SCALE

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Engineers Design Group Inc.
Structural Engineers
389 Main Street, Suite 401
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(781)396-9007
EDG@EDGINC.COM

WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

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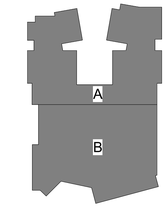
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ISSUE TITLE AND DATE:

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KEY PLAN



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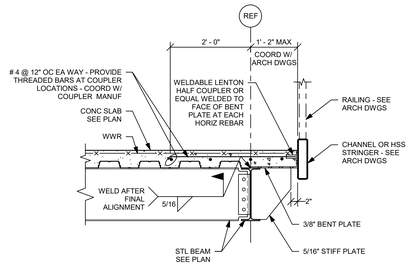
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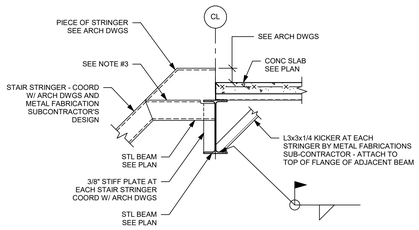
TYPICAL DETAILS

SHEET NUMBER:

S0.06

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TYPICAL STAIR STRINGER SUPPORT DETAILS

NOTES:

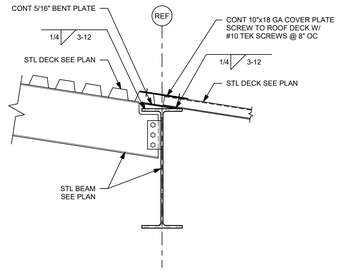
1.) CONTRACTOR TO COORDINATE CONCRETE BOXOUTS WITH STAIR DESIGNER.

2.) ECCENTRIC STRINGER CONNECTIONS TO THE FLOOR FRAMING ARE PROHIBITED.

3.) FRAME STAIR STINGERS INTO WEB OF WIDE FLANGE BEAMS SHOWN ON PLAN OR BEAR ON THE CENTERLINE OF THE BEAM.

1

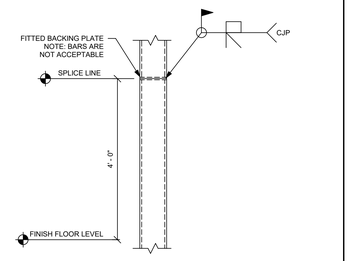
NO SCALE



TYPICAL SLOPED DECK SUPPORT AT STEEL BEAM DETAIL

2

NO SCALE



TYPICAL COLUMN SPLICE DETAIL

NOTES:

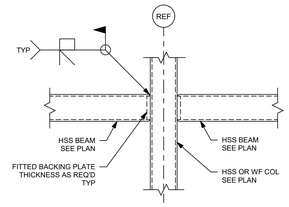
1.) SEE AISC STRUCTURAL STEEL MANUAL CASE X FOR INFORMATION NOT SHOWN.

2.) LIFTING AND ALIGNMENT CONNECTIONS TO BE DETAILED BY THE STEEL FABRICATOR.

3.) ALL LIFTING AND ALIGNMENT CONNECTIONS ARE TO BE REMOVED AND WELDS GROUND SMOOTH AFTER PERMANENT WELDING IS COMPLETE AND INSPECTED.

3

NO SCALE

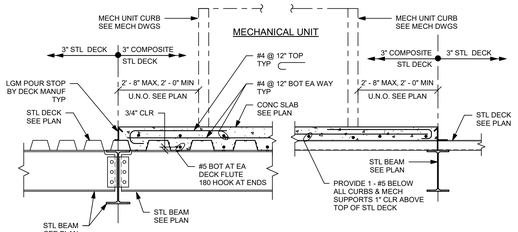


TYPICAL HSS BEAM TO COLUMN CONNECTION DETAIL

NOTE:
GRIND ALL WELDS SMOOTH AT EXPOSED LOCATIONS PRIOR TO SPECIAL FINISH.

4

NO SCALE



TYPICAL MECHANICAL UNIT ROOF SLAB

NOTES:

1.) 7" CONCRETE SLAB WITH 3" DEEP x 16 GAGE, GALVANIZED COMPOSITE METAL DECK.

2.) TOP OF SLAB ELEVATION VARIES WITH SLOPE OF DECK. MAINTAIN UNIFORM 6" SLAB THICKNESS

3.) REFER TO PLANS FOR SLAB LOCATIONS.

4.) REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MECHANICAL UNIT TO STRUCTURE CONNECTION AND ADDITIONAL DETAILS.

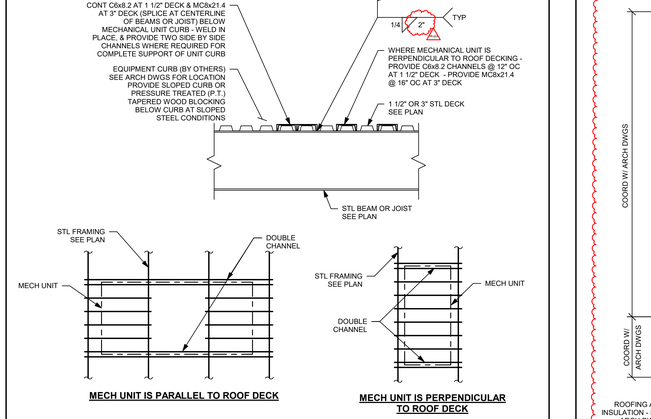
5.) COORDINATE SLAB OPENINGS WITH MECHANICAL DRAWINGS AND TYPICAL DETAILS.

6.) PROVIDE 3/4" DIA x 5" LONG HEADED SHEAR STUDS AT 2' - 0" OC MIN UNLESS NOTED OTHERWISE. STUDS ARE NOT REQUIRED ON OPEN WEB STEEL JOISTS.

7.) HOOK BARS AT RTU OPENINGS AND PROVIDE ADDITIONAL BARS AROUND OPENINGS PER TYPICAL DETAILS. OPENINGS GREATER THAN 2' - 0" REQUIRE STEEL BEAMS PER TYPE 2 ON DETAIL 1 ON DRAWING S0-0-8.

5

NO SCALE



MECH UNIT IS PARALLEL TO ROOF DECK

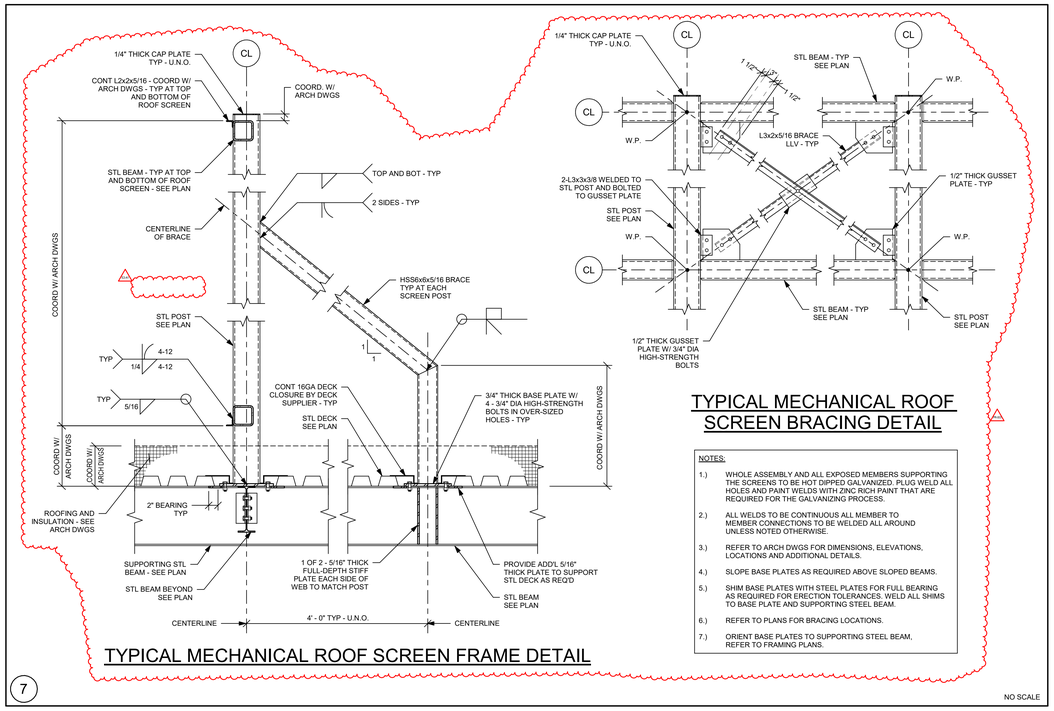
MECH UNIT IS PERPENDICULAR TO ROOF DECK

TYPICAL MECH EQUIPMENT SUPPORT DETAIL

NOTE:
DETAIL APPLIES ONLY TO MECHANICAL EQUIPMENT THAT IS NOT SUPPORTED ON CONCRETE SLABS. REFER TO PLANS FOR SLAB LOCATIONS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR QUANTITY, SIZE, AND LOCATIONS OF ALL MECHANICAL EQUIPMENT.

6

NO SCALE



TYPICAL MECHANICAL ROOF SCREEN FRAME DETAIL

TYPICAL MECHANICAL ROOF SCREEN BRACING DETAIL

NOTES:

1.) WHOLE ASSEMBLY AND ALL EXPOSED MEMBERS SUPPORTING THE SCREENS TO BE HOT DIPPED GALVANIZED. PLUG WELD ALL HOLES AND PAINT WELDS WITH ZINC RICH PAINT THAT ARE REQUIRED FOR THE GALVANIZING PROCESS.

2.) ALL WELDS TO BE CONTINUOUS ALL MEMBER TO MEMBER CONNECTIONS TO BE WELDED ALL AROUND UNLESS NOTED OTHERWISE.

3.) REFER TO ARCH DWGS FOR DIMENSIONS, ELEVATIONS, LOCATIONS AND ADDITIONAL DETAILS.

4.) SLOPE BASE PLATES AS REQUIRED ABOVE SLOPED BEAMS.

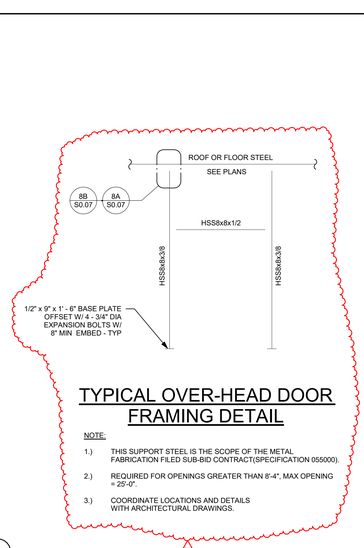
5.) SHIM BASE PLATES WITH STEEL PLATES FOR FULL BEARING AS REQUIRED FOR ERECTION TOLERANCES. WELD ALL SHIMS TO BASE PLATE AND SUPPORTING STEEL BEAM.

6.) REFER TO PLANS FOR BRACING LOCATIONS.

7.) ORIENT BASE PLATES TO SUPPORTING STEEL BEAM, REFER TO FRAMING PLANS.

7

NO SCALE



TYPICAL OVER-HEAD DOOR FRAMING DETAIL

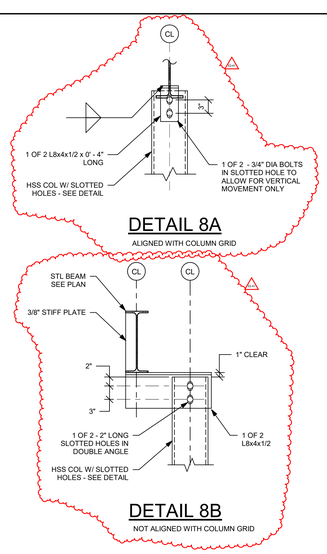
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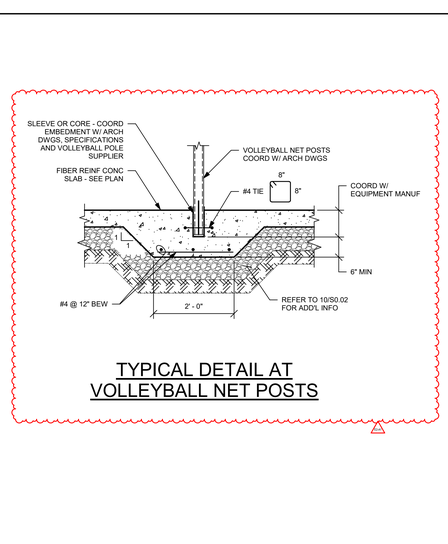
1.) THIS SUPPORT STEEL IS THE SCOPE OF THE METAL FABRICATION FILED SUB-BID CONTRACT(SPECIFICATION 055000).

2.) REQUIRED FOR OPENINGS GREATER THAN 8'-4", MAX OPENING = 25'-0".

3.) COORDINATE LOCATIONS AND DETAILS WITH ARCHITECTURAL DRAWINGS.

8

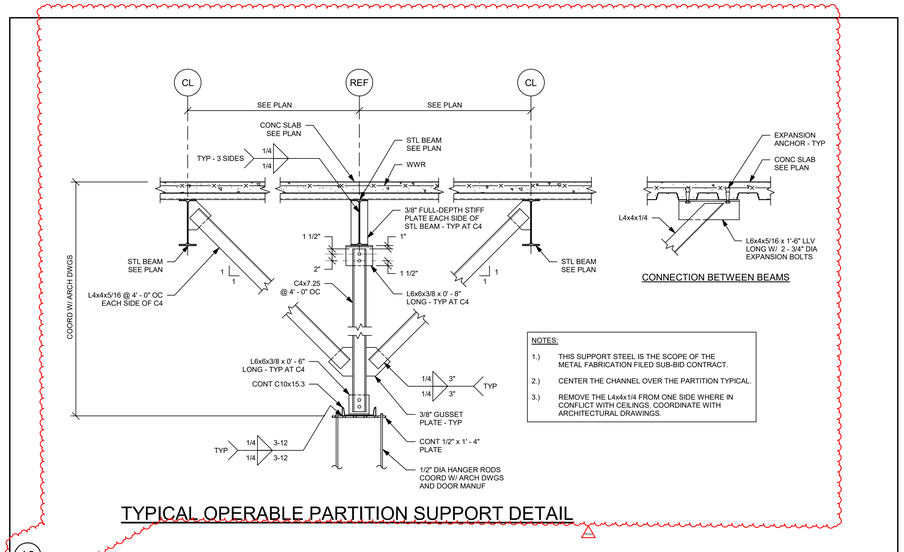




TYPICAL DETAIL AT VOLLEYBALL NET POSTS

9

NO SCALE



TYPICAL OPERABLE PARTITION SUPPORT DETAIL

NOTES:

1.) THIS SUPPORT STEEL IS THE SCOPE OF THE METAL FABRICATION FILED SUB-BID CONTRACT.

2.) CENTER THE CHANNEL OVER THE PARTITION TYPICAL.

3.) REMOVE THE L4x4x1/4 FROM ONE SIDE WHERE IN CONFLICT WITH CEILINGS. COORDINATE WITH ARCHITECTURAL DRAWINGS.

10

NO SCALE

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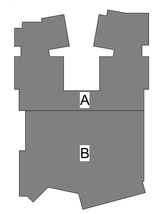
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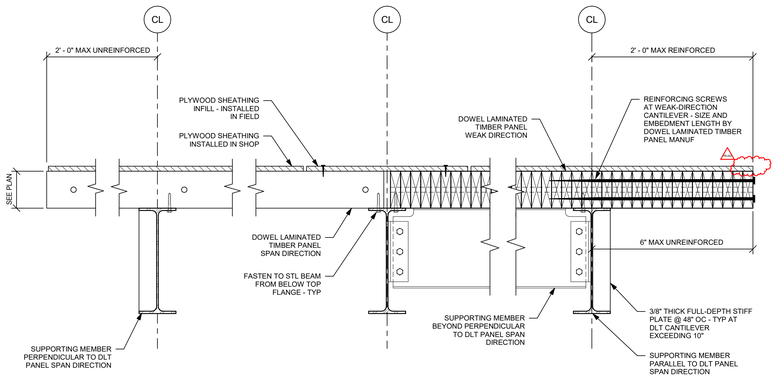
TYPICAL DETAILS

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S0.07

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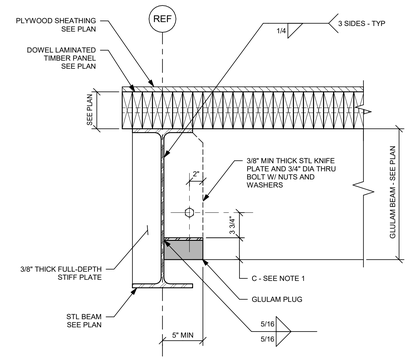
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TYPICAL DOWEL-LAMINATED-TIMBER PANEL SUPPORT DETAIL

1

NO SCALE



TYPICAL GLULAM BEAM TO STEEL BEAM CONNECTION DETAIL

NOTES:

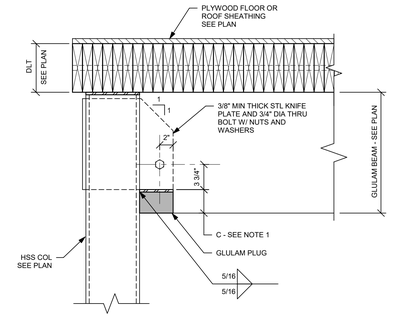
1.) CHAR DEPTH, INDICATED AS DIMENSION 'C' IS EQUAL TO 1 1/2" AT ROOF FRAMING AND 3" AT FLOOR FRAMING.

2.) STEEL PLATES AND CONNECTORS AS PART OF THE GLULAM BEAM - TO - STEEL CONNECTION ASSEMBLIES SHALL BE FURNISHED UNDER SPECIFICATION SECTION 061850 AND INSTALLED UNDER SPECIFICATION SECTION 051200.

3.) BEVEL CUT BEAM ENDS WHERE BEAMS SLOPE. SEE PLAN.

2

NO SCALE



TYPICAL GLULAM BEAM TO STEEL COLUMN CONNECTION DETAIL

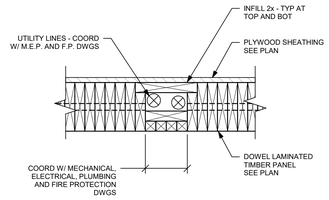
NOTES:

1.) CHAR DEPTH, INDICATED AS DIMENSION 'C' IS EQUAL TO 1 1/2" AT ROOF FRAMING AND 3" AT FLOOR FRAMING.

2.) STEEL PLATES AND CONNECTORS AS PART OF THE GLULAM BEAM - TO - STEEL CONNECTION ASSEMBLIES SHALL BE FURNISHED UNDER SPECIFICATION SECTION 061850 AND INSTALLED UNDER SPECIFICATION SECTION 051200.

3

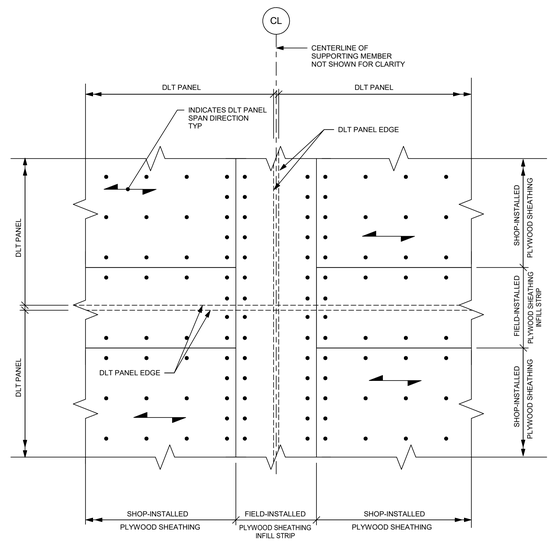
NO SCALE



TYPICAL DOWEL-LAMINATED TIMBER PANELING WITH SERVICE CHANNEL FOR UTILITIES DETAIL

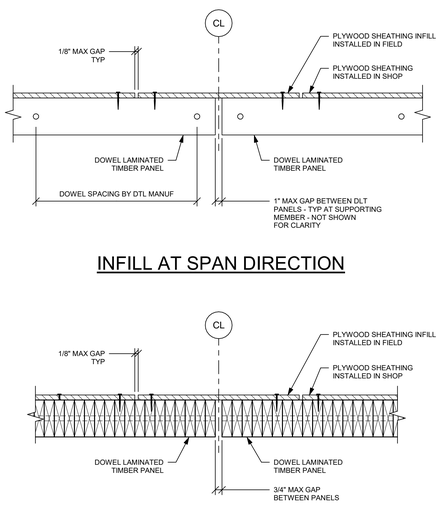
4

NO SCALE



TYPICAL PLYWOOD SHEATHING INFILL AT DOWEL-LAMINATED TIMBER PANEL

NOTE:
FIELD-INSTALLED PLYWOOD SHEATHING INFILL STRIP SHALL BE 2'-0" WIDE MAX.

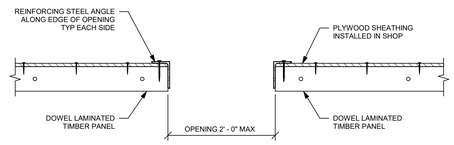


INFILL AT SPAN DIRECTION

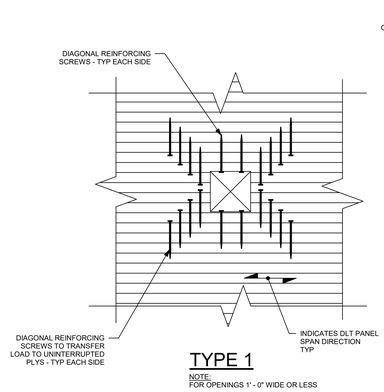
INFILL AT WEAK DIRECTION

5

NO SCALE

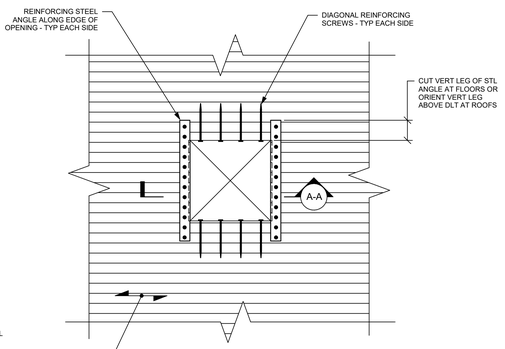


DETAIL A-A



TYPE 1

NOTE:
FOR OPENINGS 1' - 0" WIDE OR LESS



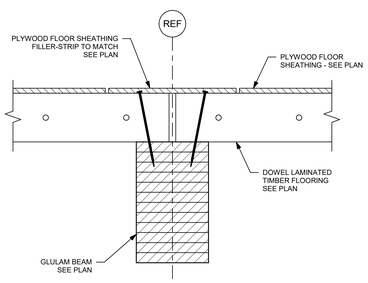
TYPE 2

NOTE:
FOR OPENINGS 2' - 0" WIDE OR LESS

TYPICAL DOWEL LAMINATED TIMBER PANEL OPENING DETAIL

6

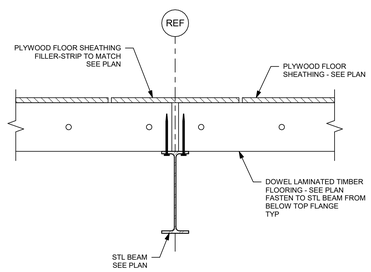
NO SCALE



TYPICAL DOWEL-LAMINATED-TIMBER SUPPORTED BY GLULAM BEAM DETAIL

7

NO SCALE



TYPICAL DOWEL-LAMINATED-TIMBER SUPPORTED BY STEEL BEAM DETAIL

8

NO SCALE

9

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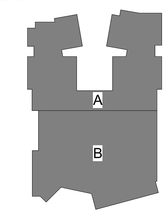
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CA	09/22/2026	PR-003

ISSUE TITLE AND DATE:

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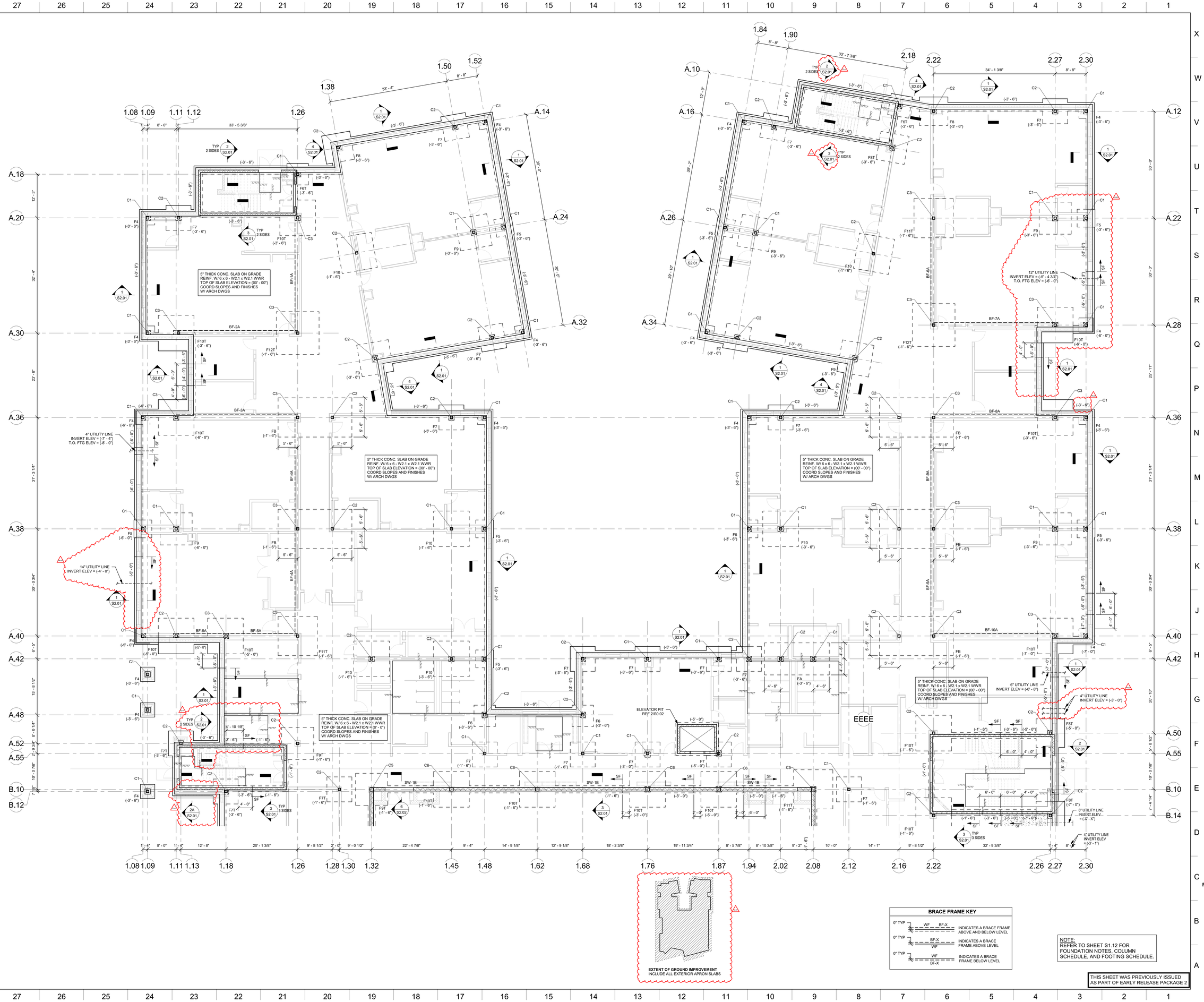


PROJECT NORTH

SHEET TITLE:
TYPICAL DETAILS

SHEET NUMBER:
S0.08

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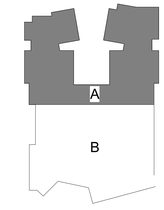
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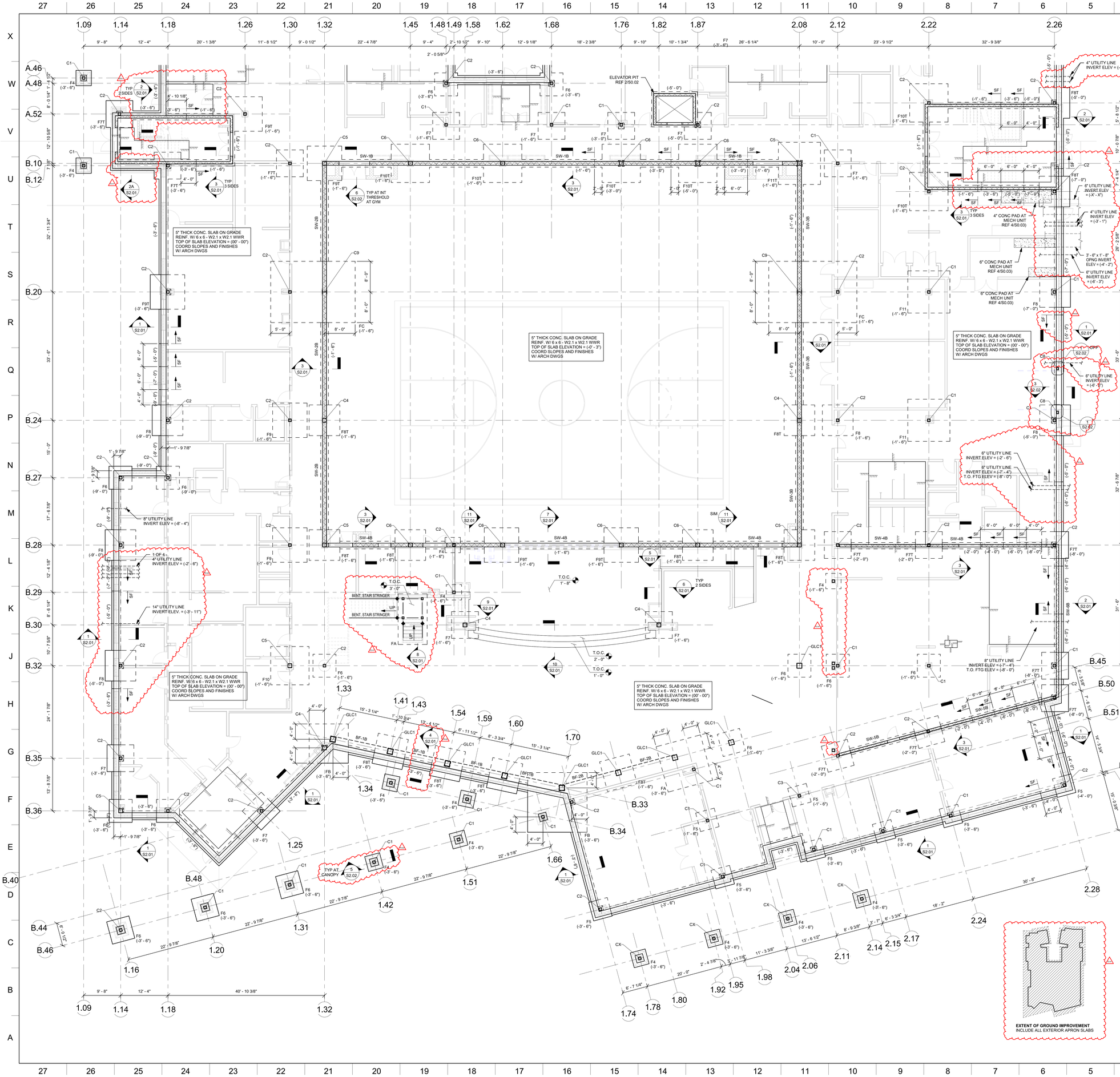
SHEET TITLE:

FOUNDATION PLAN - AREA A

SHEET NUMBER:

S1.11

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FOUNDATION NOTES:

1.) REFER SO.01 THROUGH S0.08 FOR GENERAL NOTES AND TYPICAL DETAILS.

2.) REFER TO CIVIL DRAWINGS FOR FINISHED GRADE ELEVATIONS. STRUCTURAL DRAWINGS USE A DATUM ELEVATION OF (0' - 0") AT THE FIRST FLOOR LEVEL, EQUAL TO (96' - 6") ON THE SITE GRADING PLANS.

3.) F4, F5, F6, ETC... INDICATES A CONCRETE FOOTING TYPE. REFER TO FOOTING SCHEDULE FOR FOOTING SIZE AND REINFORCING. REFER TO DETAILS 5, 6, AND 7 ON S0.03 FOR ADDITIONAL INFORMATION.

4.) TOP OF FOOTING ELEVATION TO BE MINIMUM 3' - 6" BELOW LOWEST ADJACENT FINISHED GRADE ELEVATION AT EXTERIOR CONDITIONS AND MINIMUM 1' - 6" BELOW TOP OF CONCRETE SLAB ELEVATION AT INTERIOR CONDITIONS. ALL OTHER TOP OF FOOTING ELEVATIONS ARE DENOTED AS (X'-X"), COMPUTED FROM A DATUM ELEVATION OF (0' - 0"); SEE FOUNDATION NOTE 2.

5.) ALL FOOTING ELEVATIONS NOTED ON PLANS ARE SHOWN ONLY TO ASSIST IN COORDINATION. ALL FOOTING ELEVATIONS TO BE COORDINATED WITH GENERAL NOTES, TYPICAL DETAILS, ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.

6.) ALL FOOTINGS TO BE CENTERED BELOW COLUMNS, UNLESS NOTED OTHERWISE.

7.) SF INDICATES A STEPPED FOOTING. REFER TO DETAILS 1 AND 8 ON S0.02 FOR ADDITIONAL INFORMATION.

8.) INDICATES AN UNDERSLAB UTILITY LINE THROUGH A CONCRETE FOUNDATION WALL. COORDINATE FOOTING ELEVATIONS WITH INVERT ELEVATIONS. REFER TO DETAILS 7 AND 8 ON S0.02 FOR ADDITIONAL REINFORCING REQUIREMENTS.

9.) FOR UNDERSLAB DRAINAGE AND WALL DRAINS REFER TO ARCHITECTURAL, CIVIL, AND PLUMBING DRAWINGS.

10.) INDICATES A CONCRETE PIER OR PILASTER. REFER TO DETAILS 5 AND 6 ON S0.03 FOR REINFORCING AND GENERAL REQUIREMENTS. REFER TO DETAILS ON S4.04 FOR ADDITIONAL REQUIREMENTS AT PIERS SUPPORTING COLUMNS AT BRACED FRAMES AND SHEAR WALLS.

11.) C1, C2, C3, ETC... INDICATES A COLUMN TYPE. REFER TO COLUMN SCHEDULE FOR COLUMN SIZE AND MINIMUM BASE PLATE SIZE.

12.) BOTTOM OF BASE PLATE ELEVATION TO BE MINIMUM 0' - 11" BELOW TOP OF CONCRETE SLAB ELEVATION AT EXTERIOR CONDITIONS AND MINIMUM 1' - 5" BELOW TOP OF CONCRETE SLAB ELEVATION AT INTERIOR CONDITIONS. ALL OTHER BOTTOM OF BASE PLATE ELEVATIONS ARE DENOTED AS [X' - X"], COMPUTED FROM A DATUM ELEVATION OF (0' - 0"); SEE FOUNDATION NOTE 2. REFER TO ARCHITECTURAL DRAWINGS FOR BRICK SHELF ELEVATIONS AT EXTERIOR CONDITIONS.

13.) BF-1A, BF-2B, ETC... INDICATES A BRACED FRAME. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

14.) SW-1A, SW-2B, ETC... INDICATES A REINFORCED CONCRETE MASONRY SHEAR WALL. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

15.) INDICATES A CONCRETE MASONRY WALL. REFER TO DETAIL 1 ON S0.04 FOR REINFORCING REQUIREMENTS. REFER TO DETAILS 6 AND 9 ON S0.04 FOR CONNECTION OF STEEL BEAMS AND COLUMNS TO SHEAR WALLS.

16.) INDICATES A CHANGE IN ELEVATION AT CONCRETE SLAB. REFER TO DETAILS 12 AND 13 ON S0.02 FOR ADDITIONAL INFORMATION. COORDINATE ALL TOP OF SLAB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

17.) REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS, EXTENTS, AND ELEVATIONS OF CONCRETE SLABS AT RAMPS, DEPRESSIONS, ETC.

18.) CONTRACTOR TO SUBMIT CONCRETE SLAB CONTROL JOINT LAYOUT. REFER TO DETAIL 10 ON S0.02 FOR ADDITIONAL INFORMATION. REFER TO DETAIL 9 ON S0.03 FOR CONTROL JOINTS AT INTERIOR STEEL COLUMNS.

19.) REFER TO DETAIL 1 ON S0.03 FOR TYPICAL FOUNDATION WALL AT EXTERIOR DOOR THRESHOLD, UNLESS NOTED OTHERWISE.

20.) REFER TO DETAIL 10 ON S0.04 FOR STAIR CONSTRUCTION SUPPORTED ON CONCRETE SLAB. COORDINATE WITH ARCHITECTURAL DRAWINGS.

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
F4	4' - 0" x 4' - 0" x 2' - 0"	5 - #5 BOT EA WAY
F5	5' - 0" x 5' - 0" x 2' - 0"	6 - #5 BOT EA WAY
F6	6' - 0" x 6' - 0" x 2' - 0"	7 - #6 BOT EA WAY
F7	7' - 0" x 7' - 0" x 2' - 0"	8 - #6 BOT EA WAY
F8	8' - 0" x 8' - 0" x 2' - 6"	9 - #7 BOT EA WAY
F9	9' - 0" x 9' - 0" x 2' - 6"	10 - #7 BOT EA WAY
F10	10' - 0" x 10' - 0" x 2' - 6"	11 - #8 BOT EA WAY
F11	11' - 0" x 11' - 0" x 2' - 6"	12 - #8 BOT EA WAY
F12	12' - 0" x 12' - 0" x 3' - 0"	13 - #9 BOT EA WAY
F16	16' - 0" x 16' - 0" x 3' - 6"	17 - #9 BOT EA WAY
FA	SEE PLAN x 2' - 6"	#7 @ 12" OC TOP & BOT EA WAY
FB	SEE PLAN x 3' - 0"	#8 @ 12" OC TOP & BOT EA WAY
FC	SEE PLAN x 3' - 6"	#9 @ 12" OC TOP & BOT EA WAY

BRACE FRAME KEY

0" TYP	WF / BF-X	INDICATES A BRACE FRAME ABOVE AND BELOW LEVEL
0" TYP	BF-X / WF	INDICATES A BRACE FRAME ABOVE LEVEL
0" TYP	WF / BF-X	INDICATES A BRACE FRAME BELOW LEVEL

COLUMN SCHEDULE

MARK	SIZE	BASE PLATE SIZE	REMARKS
C1	HSS8x8x3/8	1" x 16" x 1' - 4"	BP-1 SEE 9/S2.02
C2	HSS8x8x1/2	1" x 16" x 1' - 4"	BP-1 SEE 9/S2.02
C3	HSS8x8x5/8	1" x 16" x 1' - 4"	BP-1 SEE 9/S2.02
C4	HSS12x12x3/8	1" x 20" x 1' - 8"	BP-2 SEE 9/S2.02
C5	HSS12x12x1/2	1" x 20" x 1' - 8"	BP-2 SEE 9/S2.02
C6	HSS12x12x3/4	1" x 20" x 1' - 8"	BP-2 SEE 9/S2.02
C7	HSS12.75x0.500	1" x 20" x 1' - 8"	BP-3 SEE 9/S2.02
C8	HSS8x6x3/8	1" x 14" x 1' - 4"	BP-4 SEE 9/S2.02
C9	W12x120	1 1/2" x 14" x 1' - 3"	BP-5 SEE 9/S2.02
GLC1	16 1/2"x16 1/2" GLULAM, 20F-V2 DF/DF	1 1/2" x 20" x 1' - 8"	BP-2 SEE 9/S2.02

NOTES:

1.) REFER TO DETAIL 8 ON S0.03 FOR ADDITIONAL REQUIREMENTS AT BASE PLATES AND ANCHORS.

2.) BASE PLATE SIZES LISTED IN THE SCHEDULE ARE THE MINIMUM SIZE FOR A COLUMN THAT IS PART OF A BRACED FRAME.

3.) REFER TO DETAILS ON S4.04 FOR ADDITIONAL REQUIREMENTS AT BASE PLATES AND ANCHORS FOR COLUMNS TYP.

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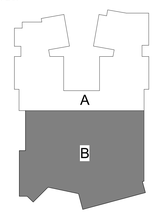
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KEY PLAN



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FOUNDATION PLAN - AREA B

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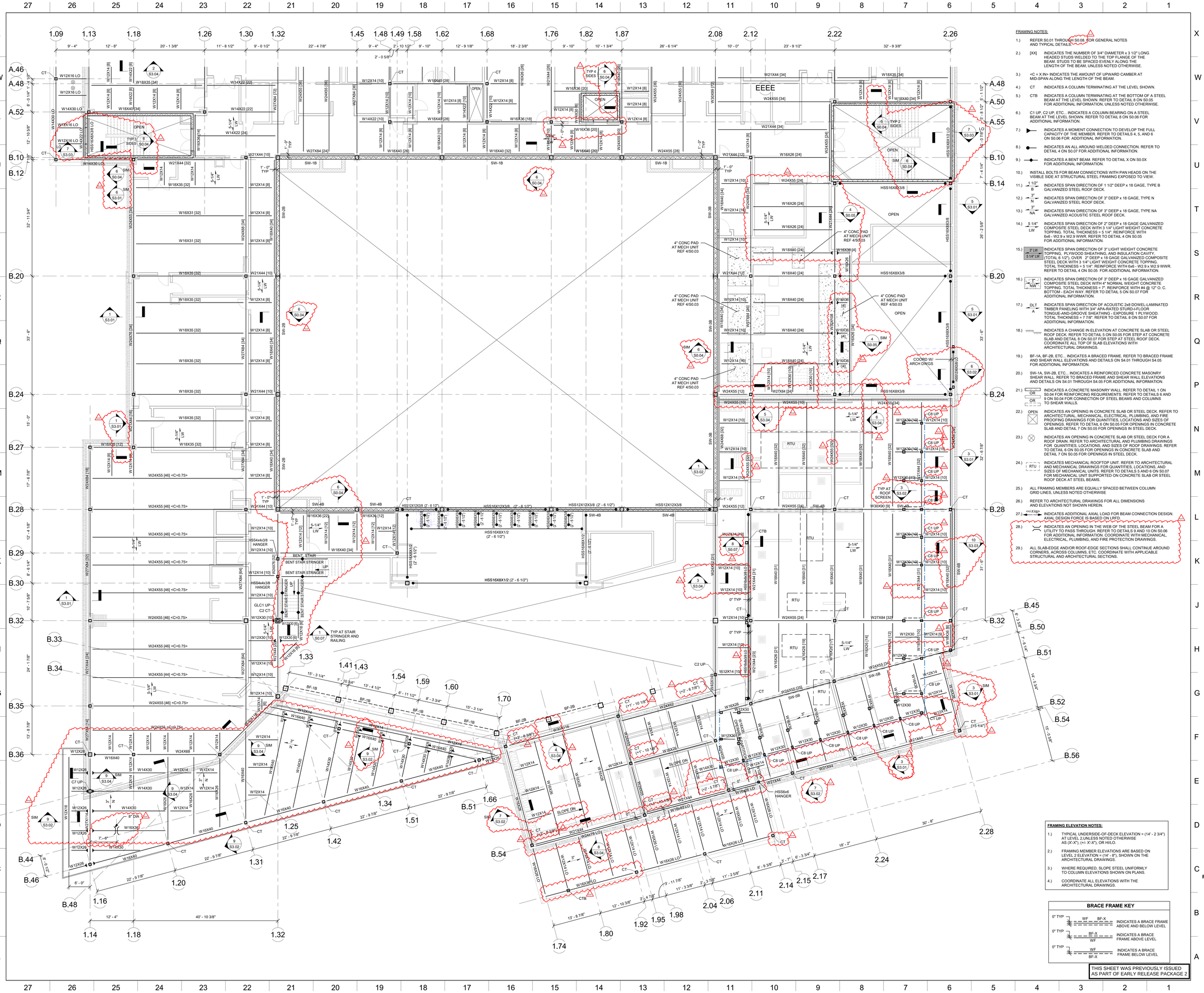
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LEVEL 2 FRAMING PLAN - AREA A

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S1.21

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FRAMING NOTES:

1.) REFER S0.01 THROUGH S0.08 FOR GENERAL NOTES AND TYPICAL DETAILS.

2.) [XX] INDICATES THE NUMBER OF 3/4" DIAMETER x 3 1/2" LONG HEADED STUDS WELDED TO THE TOP FLANGE OF THE BEAM. STUDS TO BE SPACED EVENLY ALONG THE LENGTH OF THE BEAM, UNLESS NOTED OTHERWISE.

3.) <C = X IN> INDICATES THE AMOUNT OF UPWARD CAMBER AT MID-SPAN ALONG THE LENGTH OF THE BEAM.

4.) CT INDICATES A COLUMN TERMINATING AT THE LEVEL SHOWN.

5.) CTB INDICATES A COLUMN TERMINATING AT THE BOTTOM OF A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.05 FOR ADDITIONAL INFORMATION, UNLESS NOTED OTHERWISE.

6.) C1 UP, C2 UP, ETC... INDICATES A COLUMN BEARING ON A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.06 FOR ADDITIONAL INFORMATION.

7.) INDICATES A MOMENT CONNECTION TO DEVELOP THE FULL CAPACITY OF THE MEMBER. REFER TO DETAILS 4, 5, AND 6 ON S0.06 FOR ADDITIONAL INFORMATION.

8.) INDICATES AN ALL AROUND WELDED CONNECTION. REFER TO DETAIL 4 ON S0.07 FOR ADDITIONAL INFORMATION.

9.) INDICATES A BENT BEAM. REFER TO DETAIL X ON S0.0X FOR ADDITIONAL INFORMATION.

10.) INSTALL BOLTS FOR BEAM CONNECTIONS WITH PAN HEADS ON THE VISIBLE SIDE AT STRUCTURAL STEEL FRAMING EXPOSED TO VIEW.

11.) 1 1/2" B — INDICATES SPAN DIRECTION OF 1 1/2" DEEP x 18 GAGE, TYPE B GALVANIZED STEEL ROOF DECK.

12.) 3" N — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE N GALVANIZED STEEL ROOF DECK.

13.) 3" NA — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE NA GALVANIZED ACOUSTIC STEEL ROOF DECK.

14.) 5 1/4" LW — INDICATES SPAN DIRECTION OF 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING, TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

15.) 3" LW / 5 1/4" LW — INDICATES SPAN DIRECTION OF 3" LIGHT WEIGHT CONCRETE TOPPING, PLYWOOD SHEATHING, AND INSULATION CAVITY. (TOTAL 6 1/2"), OVER 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

16.) 7" NW — INDICATES SPAN DIRECTION OF 3" DEEP x 16 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 4" NORMAL WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 7". REINFORCE WITH #4 @ 12" O. C. BOTTOM - EACH WAY. REFER TO DETAIL 5 ON S0.07 FOR ADDITIONAL INFORMATION.

17.) DLT A — INDICATES SPAN DIRECTION OF ACOUSTIC 2x8 DOWEL-LAMINATED TIMBER PANELING WITH 3/4" APA-RATED STURD-I-FLOOR TONGUE-AND-GROOVE SHEATHING - EXPOSURE 1 PLYWOOD. TOTAL THICKNESS = 7 7/8". REFER TO DETAIL 8 ON S0.07 FOR ADDITIONAL INFORMATION.

18.) INDICATES A CHANGE IN ELEVATION AT CONCRETE SLAB OR STEEL ROOF DECK. REFER TO DETAIL 5 ON S0.05 FOR STEP AT CONCRETE SLAB AND DETAIL 8 ON S0.07 FOR STEP AT STEEL ROOF DECK. COORDINATE ALL TOP OF SLAB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

19.) BF-1A, BF-2B, ETC... INDICATES A BRACED FRAME. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

20.) SW-1A, SW-2B, ETC... INDICATES A REINFORCED CONCRETE MASONRY SHEAR WALL. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

21.) OR / OR — INDICATES A CONCRETE MASONRY WALL. REFER TO DETAIL 1 ON S0.04 FOR REINFORCING REQUIREMENTS. REFER TO DETAILS 6 AND 9 ON S0.04 FOR CONNECTION OF STEEL BEAMS AND COLUMNS TO SHEAR WALLS.

22.) OPEN — INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROOFING DRAWINGS FOR QUANTITIES, LOCATIONS AND SIZES OF OPENINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

23.) INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK FOR A ROOF DRAIN. REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF ROOF DRAWINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

24.) RTU — INDICATES MECHANICAL ROOFTOP UNIT. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF MECHANICAL UNITS. REFER TO DETAILS 5 AND 6 ON S0.07 FOR MECHANICAL UNIT SUPPORTED ON CONCRETE SLAB OR STEEL ROOF DECK AT STEEL BEAMS.

25.) ALL FRAMING MEMBERS ARE EQUALLY SPACED BETWEEN COLUMN GRID LINES, UNLESS NOTED OTHERWISE

26.) REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS NOT SHOWN HEREIN.

27.) <=X.XX> — INDICATES ADDITIONAL AXIAL LOAD FOR BEAM CONNECTION DESIGN. AXIAL DESIGN FORCE IS BASED ON LRFD.

28.) INDICATES AN OPENING IN THE WEB OF THE STEEL BEAM FOR A UTILITY TO PASS THROUGH. REFER TO DETAILS 9 AND 10 ON S0.06 FOR ADDITIONAL INFORMATION. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.

29.) ALL SLAB-EDGE AND/OR ROOF-EDGE SECTIONS SHALL CONTINUE AROUND CORNERS, ACROSS COLUMNS, ETC. COORDINATE WITH APPLICABLE STRUCTURAL AND ARCHITECTURAL SECTIONS.

FRAMING ELEVATION NOTES:

1.) TYPICAL UNDERSIDE-OF-DECK ELEVATION = (14' - 2 3/4") AT LEVEL 2,UNLESS NOTED OTHERWISE AS (X'-X"), (+/- X'-X"), OR HI/LO.

2.) FRAMING MEMBER ELEVATIONS ARE BASED ON LEVEL 2 ELEVATION = (14' - 8"), SHOWN ON THE ARCHITECTURAL DRAWINGS.

3.) WHERE REQUIRED, SLOPE STEEL UNIFORMLY TO COLUMN ELEVATIONS SHOWN ON PLANS.

4.) COORDINATE ALL ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

BRACE FRAME KEY

0" TYP — WF / BF-X — INDICATES A BRACE FRAME ABOVE AND BELOW LEVEL

0" TYP — BF-X / WF — INDICATES A BRACE FRAME ABOVE LEVEL

0" TYP — WF / BF-X — INDICATES A BRACE FRAME BELOW LEVEL

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

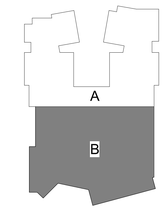
NO.	DATE	TITLE
E2-A1	09/04/2026	ERP 2 - ADDENDUM 1
E2-A2	09/11/2026	ERP 2 - ADDENDUM 2
CA	09/22/2026	PR-003

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:

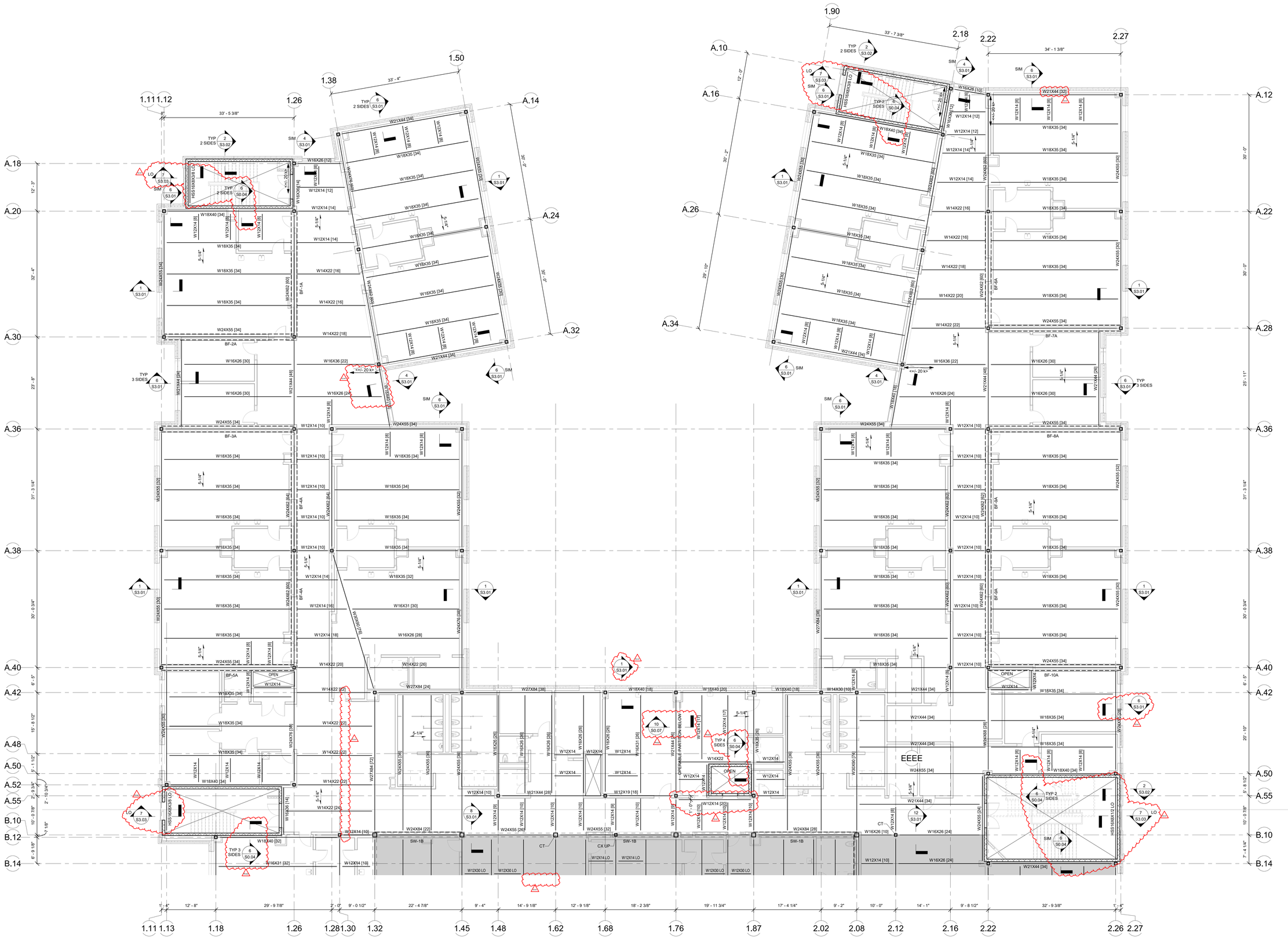
LEVEL 2 FRAMING PLAN - AREA B

SHEET NUMBER:

S1.22

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM ST.
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE
E2-A1	09/04/2026	ERP 2 - ADDENDUM 1
E2-A2	09/11/2026	ERP 2 - ADDENDUM 2

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH

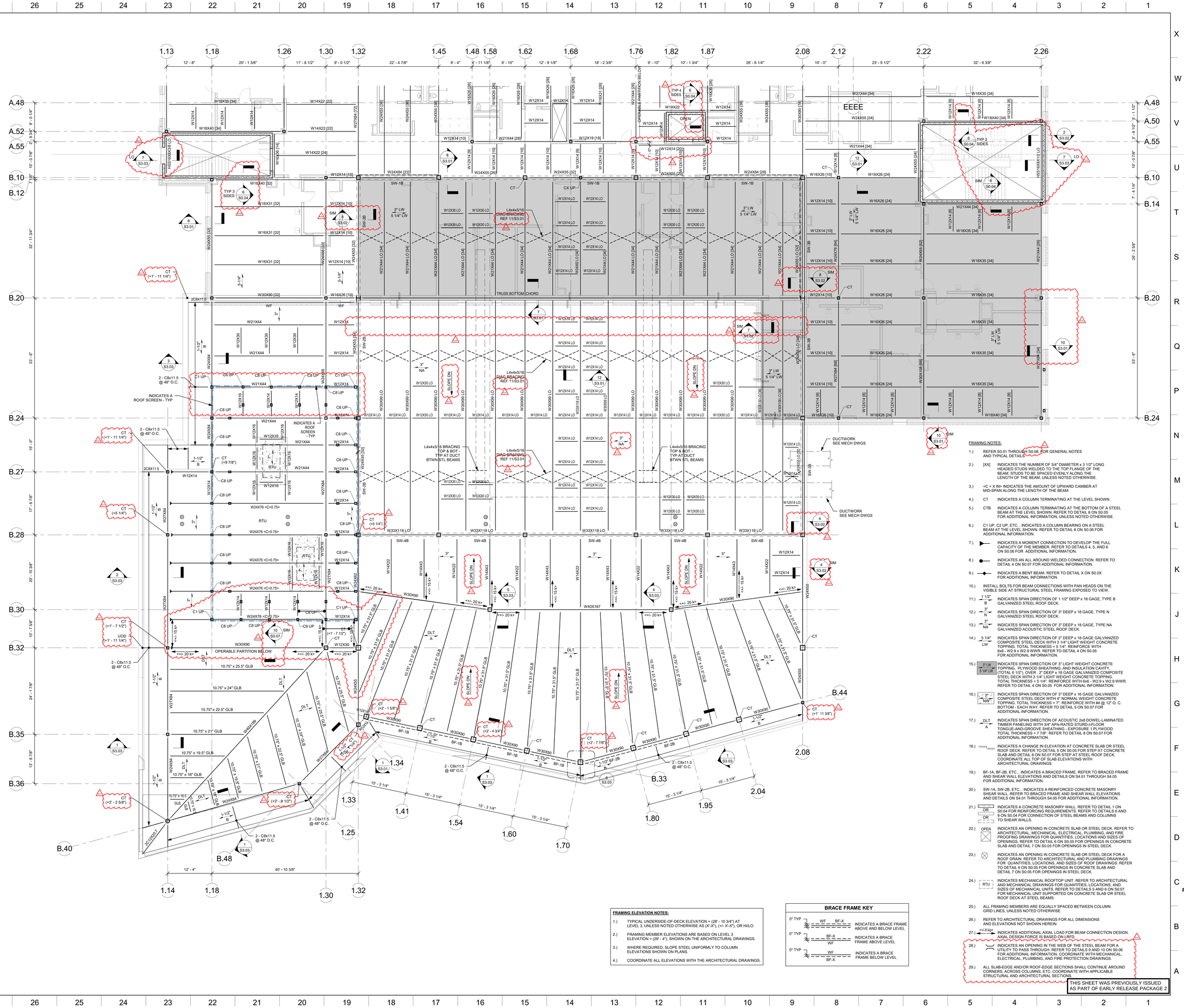
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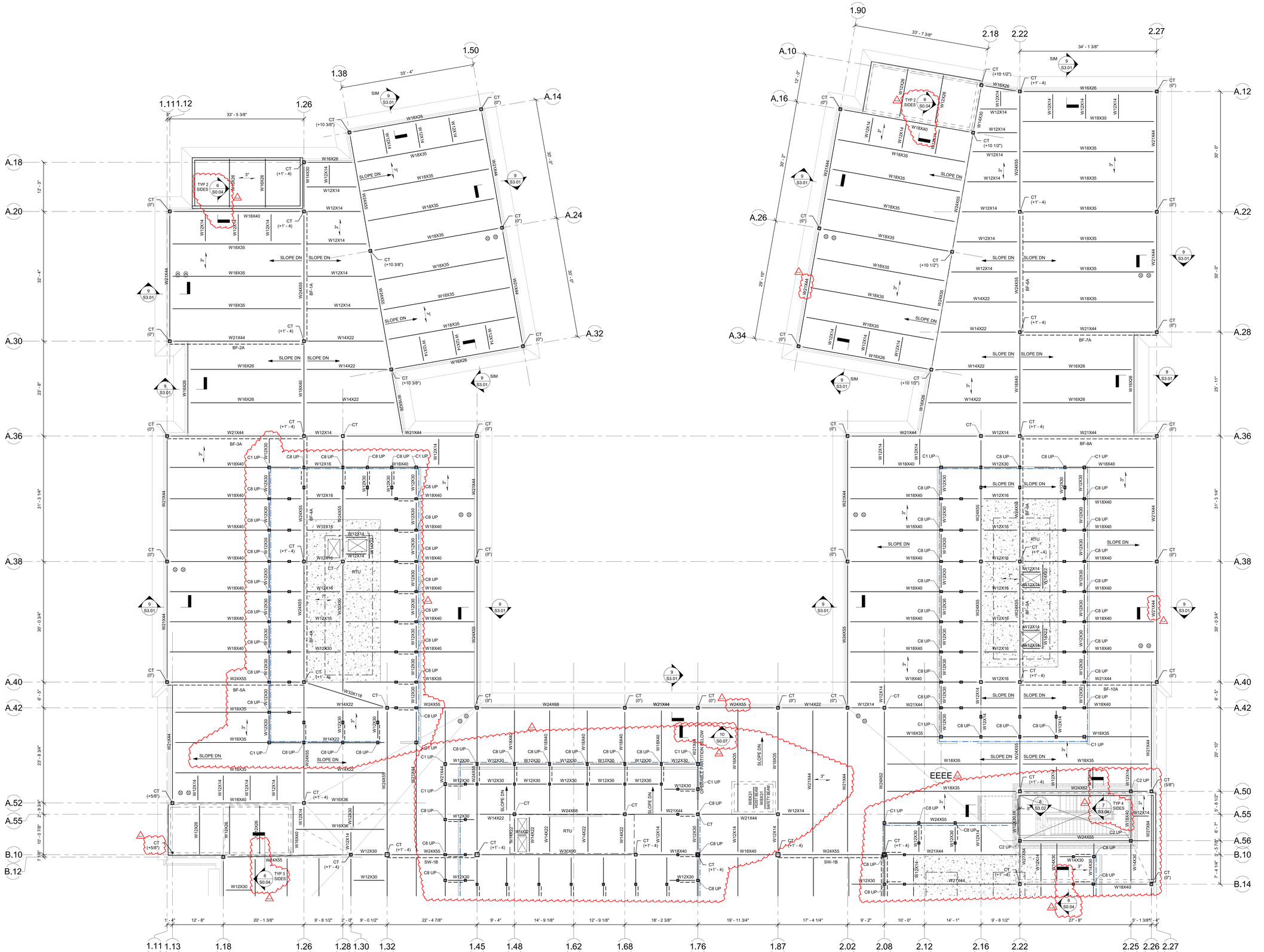
LEVEL 3 FRAMING PLAN - AREA A

SHEET NUMBER:

S1.31

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1.62
1.68
1.76
1.82
1.87
2.08
2.12
2.22
2.26
A.48
A.52
A.55
B.10
B.12
B.20
B.24
B.27
B.28
B.30
B.32
B.35
B.36
B.40
B.48
B.44
B.33
2.04
1.95
1.80
1.70
1.60
1.54
1.41
1.33
1.25
1.34
A.50
B.14
EEEE
OPERABLE PARTITION BELOW
TRUSS BOTTOM CHORD
RTU
DUCTWORK SEE MECH DWGS
L4x4x5/16 DIAG BRACING REF 11/S3.01
L4x4x5/16 BRACING TOP & BOT - TYP AT DUCT BTWN STL BEAMS
INDICATES A ROOF SCREEN - TYP
SLOPE DN
OPEN
SIM
LO
UOD
W30X90
W40X167
W33X118 LO
W30X90 LO
W21X44 LO
W12X14 LO
W12X30 LO
W16X26 [10]
W18X35 [34]
W21X44 [34]
W24X55 [34]
W12X14 [10]
W24X84 [22]
W24X55 [32]
W24X55 [38]
W24X55 [26]
W14X22 [22]
W14X22 [24]
W27X94 [72]
W18X40 [34]
W18X35 [26]
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W24X76 [64]
W24X55 [32]
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W27X84 [55]
W27X94 [68]
W30X108 [68]
W18X40 [32]
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W12X19 [18]
W21X44 [28]
W14X22
W14X43
W12X14
W12X14 [9]
W12X14 [10]
W12X14 [20]
W24X55 [28]
W30X90 [28]
W18X35 [34]
W18X40 [34]
W18X61/12 LO
W16X26 [24]
W21X44 [8]
W12X14 [8]
W12X26 [8]
W12X14 [6]
W12X26 [6]
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W12X26 [4]
W12X14 [12]
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W12X26 [14]
W12X16
W12X14
W12X30
W12X16
W24X84
W24X76 <C=0.75>
W27X84
W30X108
W30X90
W30X108
W33X118
W14X43
W14X22
W12X14
W12X30
W12X26
W18X35
W21X44
W24X55
W24X76
W27X94
W30X108
W18X40
W12X14
W12X26
W18X61/12 LO
W18X40 [34


1.90
2.18
2.22
2.27
A.10
A.12
A.16
A.22
A.26
A.28
A.34
A.36
A.38
A.40
A.42
A.50
A.55
A.56
B.10
B.14
33' - 7 3/8"
34' - 1 3/8"
SIM
CT (+10 1/2")
CT (+1' - 4)
CT (0")
TYP 2 SIDES
TYP 4 SIDES
SLOPE DN
W16X26
W18X35
W18X40
W21X44
W24X55
W12X14
W12X30
W14X22
BF-6A
BF-7A
BF-8A
BF-9A
BF-10A
RTU
W12X14
W18X35
W21X44
W24X55
W12X14
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W24X55
W12X14
W18X35
W21X44
W24X55

FRAMING ELEVATION NOTES:

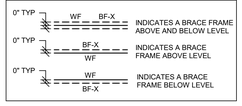
1.) TYPICAL UNDERSIDE-OF-DECK ELEVATION = (44' - 0") AT THE ROOF LEVEL, UNLESS NOTED OTHERWISE AS (X'-X"), (+/- X'-X"), OR HI/LO.

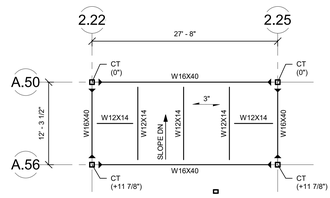
2.) FRAMING MEMBER ELEVATIONS ARE BASED ON ROOF LEVEL ELEVATION = (44' - 0"), SHOWN ON THE ARCHITECTURAL DRAWINGS.

3.) WHERE REQUIRED, SLOPE STEEL UNIFORMLY TO COLUMN ELEVATIONS SHOWN ON PLANS.

4.) COORDINATE ALL ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

BRACE FRAME KEY





T.O. STL ELEVATION = 56' - 8" U.N.O.

STAIR 4 PENTHOUSE ROOF FRAMING PART PLAN

FRAMING NOTES:

1.) REFER S0.01 THROUGH S0.08. FOR GENERAL NOTES AND TYPICAL DETAILS.

2.) [XX] INDICATES THE NUMBER OF 3/4" DIAMETER x 3 1/2" LONG HEADED STUDS WELDED TO THE TOP FLANGE OF THE BEAM. STUDS TO BE SPACED EVENLY ALONG THE LENGTH OF THE BEAM, UNLESS NOTED OTHERWISE.

3.) <C = X.IN> INDICATES THE AMOUNT OF UPWARD CAMBER AT MID-SPAN ALONG THE LENGTH OF THE BEAM.

4.) CT INDICATES A COLUMN TERMINATING AT THE LEVEL SHOWN.

5.) CTB INDICATES A COLUMN TERMINATING AT THE BOTTOM OF A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.05 FOR ADDITIONAL INFORMATION, UNLESS NOTED OTHERWISE.

6.) C1 UP, C2 UP, ETC... INDICATES A COLUMN BEARING ON A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.06 FOR ADDITIONAL INFORMATION.

7.) INDICATES A MOMENT CONNECTION TO DEVELOP THE FULL CAPACITY OF THE MEMBER. REFER TO DETAILS 4, 5, AND 6 ON S0.06 FOR ADDITIONAL INFORMATION.

8.) INDICATES AN ALL AROUND WELDED CONNECTION. REFER TO DETAIL 4 ON S0.07 FOR ADDITIONAL INFORMATION.

9.) INDICATES A BENT BEAM. REFER TO DETAIL X ON S0.0X FOR ADDITIONAL INFORMATION.

10.) INSTALL BOLTS FOR BEAM CONNECTIONS WITH PAN HEADS ON THE VISIBLE SIDE AT STRUCTURAL STEEL FRAMING EXPOSED TO VIEW.

11.) 1 1/2" B — INDICATES SPAN DIRECTION OF 1 1/2" DEEP x 18 GAGE, TYPE B GALVANIZED STEEL ROOF DECK.

12.) 3" N — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE N GALVANIZED STEEL ROOF DECK.

13.) 3" NA — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE NA GALVANIZED ACOUSTIC STEEL ROOF DECK.

14.) 5 1/4" LW — INDICATES SPAN DIRECTION OF 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

15.) 3" LW / 5 1/4" LW — INDICATES SPAN DIRECTION OF 3" LIGHT WEIGHT CONCRETE TOPPING, PLYWOOD SHEATHING, AND INSULATION CAVITY. (TOTAL 6 1/2"), OVER 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05. FOR ADDITIONAL INFORMATION.

16.) 7" NW — INDICATES SPAN DIRECTION OF 3" DEEP x 16 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 4" NORMAL WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 7". REINFORCE WITH #4 @ 12" O. C. BOTTOM - EACH WAY. REFER TO DETAIL 5 ON S0.07 FOR ADDITIONAL INFORMATION.

17.) DLT A — INDICATES SPAN DIRECTION OF ACOUSTIC 2x8 DOWEL-LAMINATED TIMBER PANELING WITH 3/4" APA-RATED STURD-I-FLOOR TONGUE-AND-GROOVE SHEATHING - EXPOSURE 1 PLYWOOD. TOTAL THICKNESS = 7 7/8". REFER TO DETAIL 8 ON S0.07 FOR ADDITIONAL INFORMATION.

18.) INDICATES A CHANGE IN ELEVATION AT CONCRETE SLAB OR STEEL ROOF DECK. REFER TO DETAIL 5 ON S0.05 FOR STEP AT CONCRETE SLAB AND DETAIL 8 ON S0.07 FOR STEP AT STEEL ROOF DECK. COORDINATE ALL TOP OF SLAB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

19.) BF-1A, BF-2B, ETC... INDICATES A BRACED FRAME. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

20.) SW-1A, SW-2B, ETC... INDICATES A REINFORCED CONCRETE MASONRY SHEAR WALL. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

21.) OR / OR — INDICATES A CONCRETE MASONRY WALL. REFER TO DETAIL 1 ON S0.04 FOR REINFORCING REQUIREMENTS. REFER TO DETAILS 6 AND 9 ON S0.04 FOR CONNECTION OF STEEL BEAMS AND COLUMNS TO SHEAR WALLS.

22.) OPEN — INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROOFING DRAWINGS FOR QUANTITIES, LOCATIONS AND SIZES OF OPENINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

23.) INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK FOR A ROOF DRAIN. REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF ROOF DRAWINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

24.) RTU — INDICATES MECHANICAL ROOFTOP UNIT. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF MECHANICAL UNITS. REFER TO DETAILS 5 AND 6 ON S0.07 FOR MECHANICAL UNIT SUPPORTED ON CONCRETE SLAB OR STEEL ROOF DECK AT STEEL BEAMS.

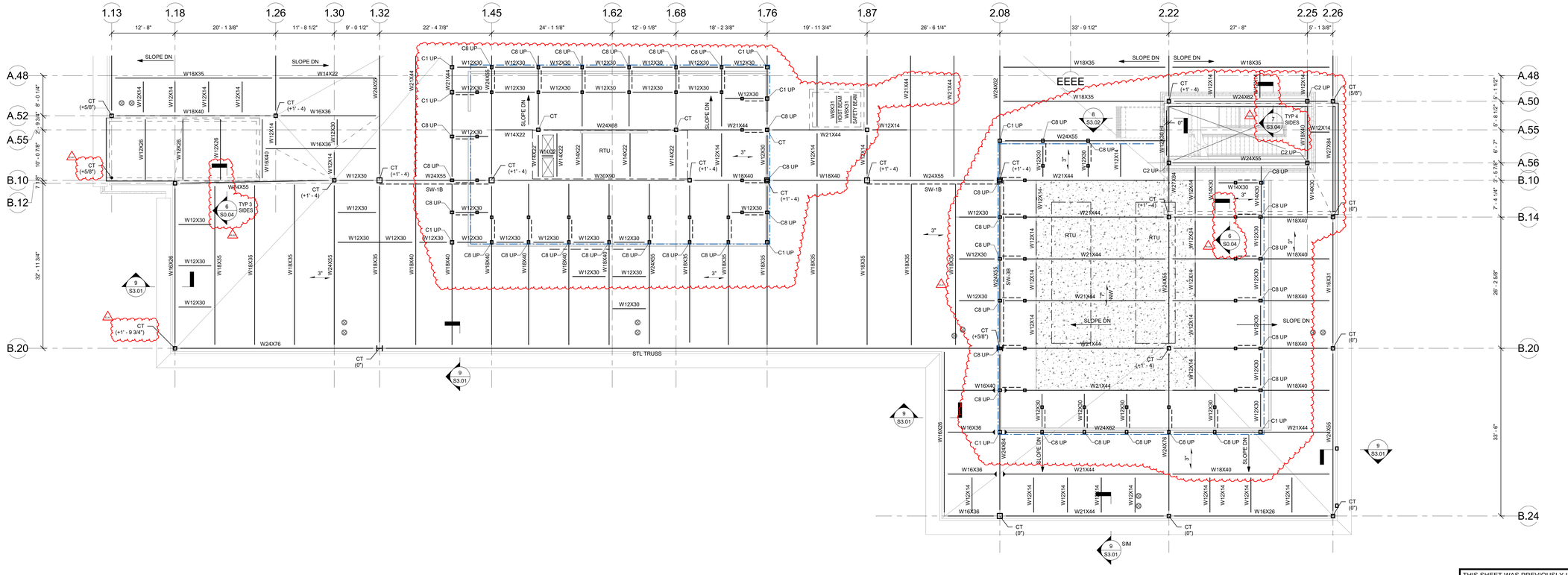
25.) ALL FRAMING MEMBERS ARE EQUALLY SPACED BETWEEN COLUMN GRID LINES, UNLESS NOTED OTHERWISE

26.) REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS NOT SHOWN HEREIN.

27.) <=X kip> INDICATES ADDITIONAL AXIAL LOAD FOR BEAM CONNECTION DESIGN. AXIAL DESIGN FORCE IS BASED ON LRFD.

28.) INDICATES AN OPENING IN THE WEB OF THE STEEL BEAM FOR A UTILITY TO PASS THROUGH. REFER TO DETAILS 9 AND 10 ON S0.06 FOR ADDITIONAL INFORMATION. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.

29.) ALL SLAB-EDGE AND/OR ROOF-EDGE SECTIONS SHALL CONTINUE AROUND CORNERS, ACROSS COLUMNS, ETC. COORDINATE WITH APPLICABLE STRUCTURAL AND ARCHITECTURAL SECTIONS.



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PROJECT NUMBER: 23-0847

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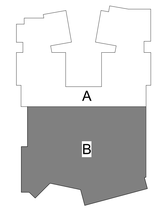
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KEY PLAN



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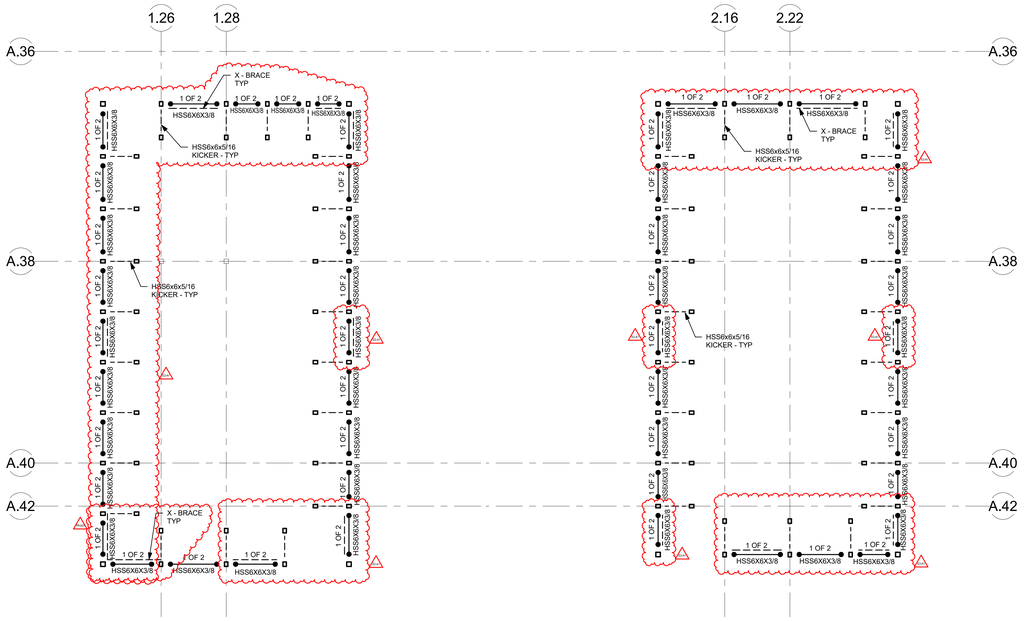
SHEET TITLE:

ROOF FRAMING PLAN - AREA B

SHEET NUMBER:

S1.42

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9/22/2026 9:38:44 AM



FRAMING NOTES:

1.) REFER S0.01 THROUGH S0.08 FOR GENERAL NOTES AND TYPICAL DETAILS.

2.) [XX] INDICATES THE NUMBER OF 3/4" DIAMETER x 3 1/2" LONG HEADED STUDS WELDED TO THE TOP FLANGE OF THE BEAM. STUDS TO BE SPACED EVENLY ALONG THE LENGTH OF THE BEAM, UNLESS NOTED OTHERWISE.

3.) <C = X IN> INDICATES THE AMOUNT OF UPWARD CAMBER AT MID-SPAN ALONG THE LENGTH OF THE BEAM.

4.) CT INDICATES A COLUMN TERMINATING AT THE LEVEL SHOWN.

5.) CTB INDICATES A COLUMN TERMINATING AT THE BOTTOM OF A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.05 FOR ADDITIONAL INFORMATION, UNLESS NOTED OTHERWISE.

6.) C1 UP, C2 UP, ETC... INDICATES A COLUMN BEARING ON A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.06 FOR ADDITIONAL INFORMATION.

7.) INDICATES A MOMENT CONNECTION TO DEVELOP THE FULL CAPACITY OF THE MEMBER. REFER TO DETAILS 4, 5, AND 6 ON S0.06 FOR ADDITIONAL INFORMATION.

8.) INDICATES AN ALL AROUND WELDED CONNECTION. REFER TO DETAIL 4 ON S0.07 FOR ADDITIONAL INFORMATION.

9.) INDICATES A BENT BEAM. REFER TO DETAIL X ON S0.0X FOR ADDITIONAL INFORMATION.

10.) INSTALL BOLTS FOR BEAM CONNECTIONS WITH PAN HEADS ON THE VISIBLE SIDE AT STRUCTURAL STEEL FRAMING EXPOSED TO VIEW.

11.) 1 1/2" B — INDICATES SPAN DIRECTION OF 1 1/2" DEEP x 18 GAGE, TYPE B GALVANIZED STEEL ROOF DECK.

12.) 3" N — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE N GALVANIZED STEEL ROOF DECK.

13.) 3" NA — INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE NA GALVANIZED ACOUSTIC STEEL ROOF DECK.

14.) 5 1/4" LW — INDICATES SPAN DIRECTION OF 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

15.) 3" LW / 5 1/4" LW — INDICATES SPAN DIRECTION OF 3" LIGHT WEIGHT CONCRETE TOPPING, PLYWOOD SHEATHING, AND INSULATION CAVITY, (TOTAL 6 1/2"), OVER 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

16.) 7" NW — INDICATES SPAN DIRECTION OF 3" DEEP x 16 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 4" NORMAL WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 7". REINFORCE WITH #4 @ 12" O. C. BOTTOM - EACH WAY. REFER TO DETAIL 5 ON S0.07 FOR ADDITIONAL INFORMATION.

17.) DLT A — INDICATES SPAN DIRECTION OF ACOUSTIC 2x8 DOWEL-LAMINATED TIMBER PANELING WITH 3/4" APA-RATED STURD-I-FLOOR TONGUE-AND-GROOVE SHEATHING - EXPOSURE 1 PLYWOOD. TOTAL THICKNESS = 7 7/8". REFER TO DETAIL 8 ON S0.07 FOR ADDITIONAL INFORMATION.

18.) INDICATES A CHANGE IN ELEVATION AT CONCRETE SLAB OR STEEL ROOF DECK. REFER TO DETAIL 5 ON S0.05 FOR STEP AT CONCRETE SLAB AND DETAIL 8 ON S0.07 FOR STEP AT STEEL ROOF DECK. COORDINATE ALL TOP OF SLAB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

19.) BF-1A, BF-2B, ETC... INDICATES A BRACED FRAME. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

20.) SW-1A, SW-2B, ETC... INDICATES A REINFORCED CONCRETE MASONRY SHEAR WALL. REFER TO BRACED FRAME AND SHEAR WALL ELEVATIONS AND DETAILS ON S4.01 THROUGH S4.05 FOR ADDITIONAL INFORMATION.

21.) OR / OR — INDICATES A CONCRETE MASONRY WALL. REFER TO DETAIL 1 ON S0.04 FOR REINFORCING REQUIREMENTS. REFER TO DETAILS 6 AND 9 ON S0.04 FOR CONNECTION OF STEEL BEAMS AND COLUMNS TO SHEAR WALLS.

22.) OPEN — INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROOFING DRAWINGS FOR QUANTITIES, LOCATIONS AND SIZES OF OPENINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

23.) INDICATES AN OPENING IN CONCRETE SLAB OR STEEL DECK FOR A ROOF DRAIN. REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF ROOF DRAWINGS. REFER TO DETAIL 6 ON S0.05 FOR OPENINGS IN CONCRETE SLAB AND DETAIL 7 ON S0.05 FOR OPENINGS IN STEEL DECK.

24.) RTU — INDICATES MECHANICAL ROOFTOP UNIT. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR QUANTITIES, LOCATIONS, AND SIZES OF MECHANICAL UNITS. REFER TO DETAILS 5 AND 6 ON S0.07 FOR MECHANICAL UNIT SUPPORTED ON CONCRETE SLAB OR STEEL ROOF DECK AT STEEL BEAMS.

25.) ALL FRAMING MEMBERS ARE EQUALLY SPACED BETWEEN COLUMN GRID LINES, UNLESS NOTED OTHERWISE

26.) REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS NOT SHOWN HEREIN.

27.) <<=X KIP>> — INDICATES ADDITIONAL AXIAL LOAD FOR BEAM CONNECTION DESIGN. AXIAL DESIGN FORCE IS BASED ON LRFD.

28.) INDICATES AN OPENING IN THE WEB OF THE STEEL BEAM FOR A UTILITY TO PASS THROUGH. REFER TO DETAILS 9 AND 10 ON S0.06 FOR ADDITIONAL INFORMATION. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.

29.) ALL SLAB-EDGE AND/OR ROOF-EDGE SECTIONS SHALL CONTINUE AROUND CORNERS, ACROSS COLUMNS, ETC. COORDINATE WITH APPLICABLE STRUCTURAL AND ARCHITECTURAL SECTIONS.

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320 SALEM ST.
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PROJECT NUMBER: 23-0847

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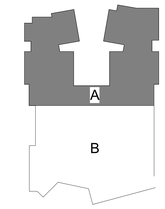
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E2-A2	09/11/2026	ERP 2 - ADDENDUM 2

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KEY PLAN



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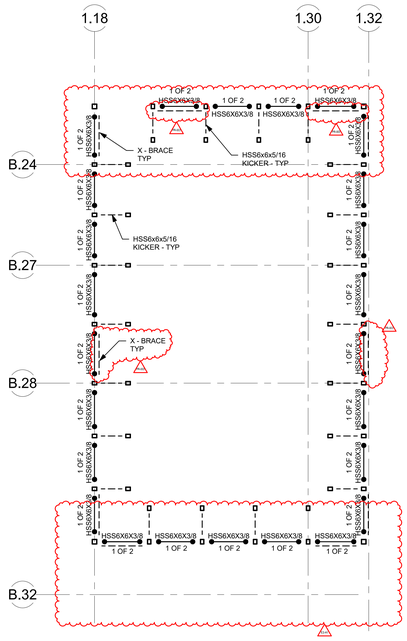
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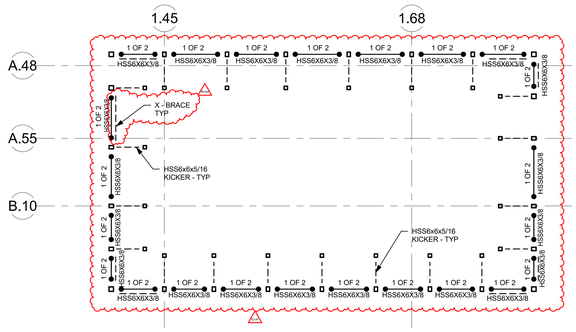
ROOF SCREEN FRAMING PLAN - AREA A

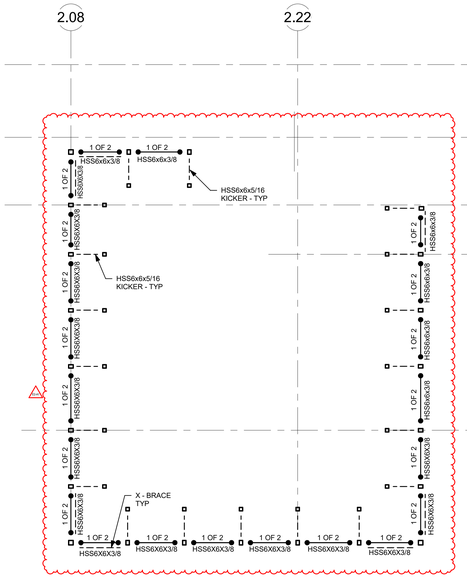
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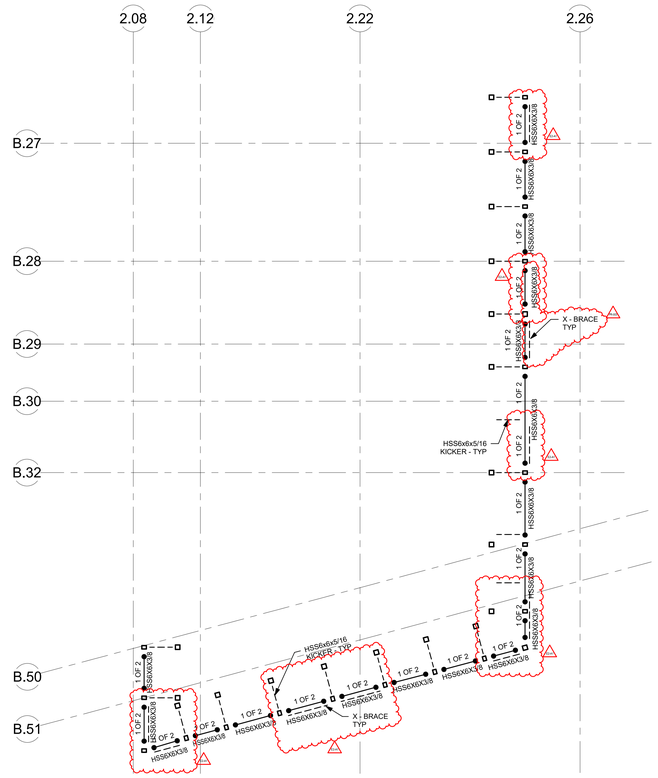
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FRAMING NOTES:

1.) REFER S0.01 THROUGH S0.09 FOR GENERAL NOTES AND TYPICAL DETAILS.

2.) [XX] INDICATES THE NUMBER OF 3/4" DIAMETER x 3 1/2" LONG HEADED STUDS WELDED TO THE TOP FLANGE OF THE BEAM. STUDS TO BE SPACED EVENLY ALONG THE LENGTH OF THE BEAM, UNLESS NOTED OTHERWISE.

3.) <C = X IN> INDICATES THE AMOUNT OF UPWARD CAMBER AT MID-SPAN ALONG THE LENGTH OF THE BEAM.

4.) CT INDICATES A COLUMN TERMINATING AT THE LEVEL SHOWN.

5.) CTB INDICATES A COLUMN TERMINATING AT THE BOTTOM OF A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.05 FOR ADDITIONAL INFORMATION, UNLESS NOTED OTHERWISE.

6.) C1 UP, C2 UP, ETC... INDICATES A COLUMN BEARING ON A STEEL BEAM AT THE LEVEL SHOWN. REFER TO DETAIL 8 ON S0.06 FOR ADDITIONAL INFORMATION.

7.) INDICATES A MOMENT CONNECTION TO DEVELOP THE FULL CAPACITY OF THE MEMBER. REFER TO DETAILS 4, 5, AND 6 ON S0.06 FOR ADDITIONAL INFORMATION.

8.) INDICATES AN ALL AROUND WELDED CONNECTION. REFER TO DETAIL 4 ON S0.07 FOR ADDITIONAL INFORMATION.

9.) INDICATES A BENT BEAM. REFER TO DETAIL X ON S0.0X FOR ADDITIONAL INFORMATION.

10.) INSTALL BOLTS FOR BEAM CONNECTIONS WITH PAN HEADS ON THE VISIBLE SIDE AT STRUCTURAL STEEL FRAMING EXPOSED TO VIEW.

11.) 1 1/2" B INDICATES SPAN DIRECTION OF 1 1/2" DEEP x 18 GAGE, TYPE B GALVANIZED STEEL ROOF DECK.

12.) 3" N INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE N GALVANIZED STEEL ROOF DECK.

13.) 3" NA INDICATES SPAN DIRECTION OF 3" DEEP x 18 GAGE, TYPE NA GALVANIZED ACOUSTIC STEEL ROOF DECK.

14.) 5 1/4" LW INDICATES SPAN DIRECTION OF 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05 FOR ADDITIONAL INFORMATION.

15.) 3" LW 5 1/4" LW INDICATES SPAN DIRECTION OF 3" LIGHT WEIGHT CONCRETE TOPPING, PLYWOOD SHEATHING, AND INSULATION CAVITY. (TOTAL 6 1/2"). OVER 2" DEEP x 18 GAGE GALVANIZED COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING. TOTAL THICKNESS = 5 1/4". REINFORCE WITH 6x6 - W2.9 x W2.9 WWR. REFER TO DETAIL 4 ON S0.05. FOR ADDITIONAL INFORMATION

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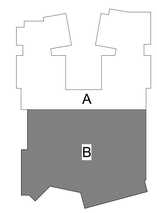
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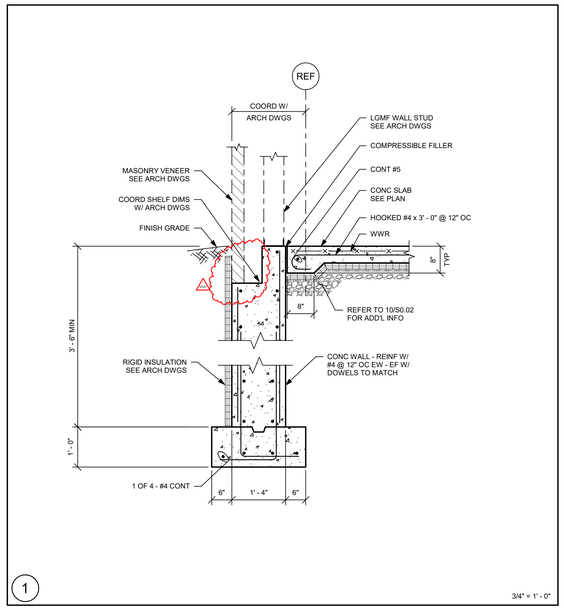
ROOF SCREEN FRAMING PLAN - AREA B

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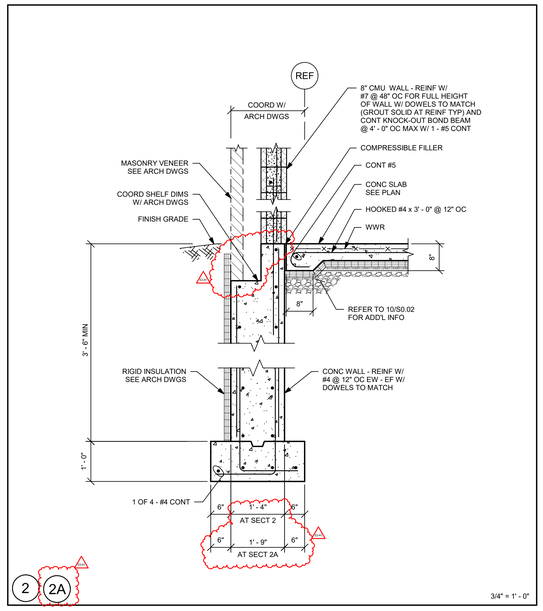
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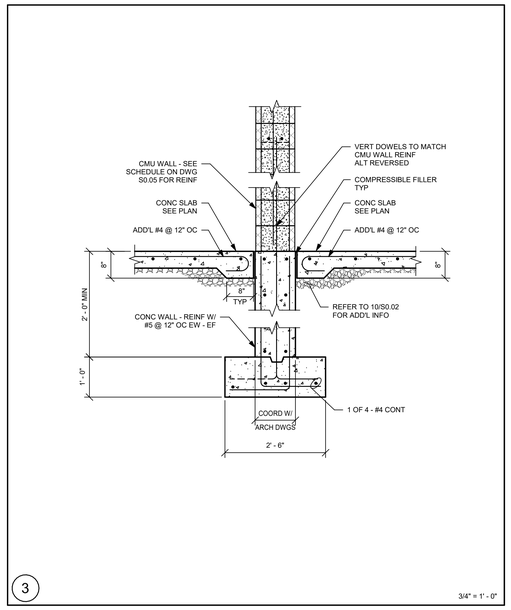
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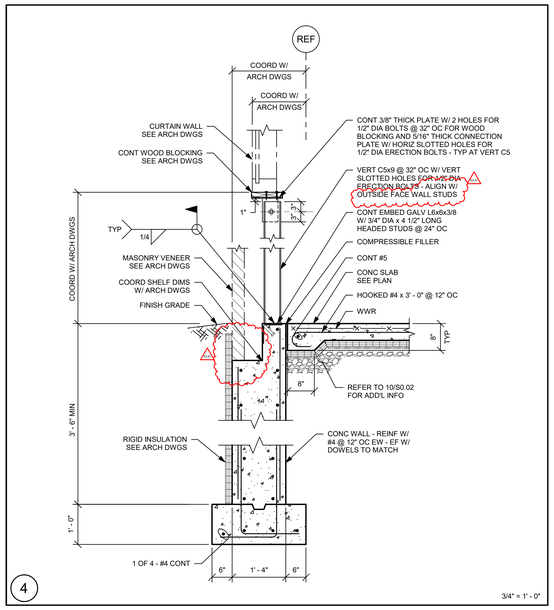
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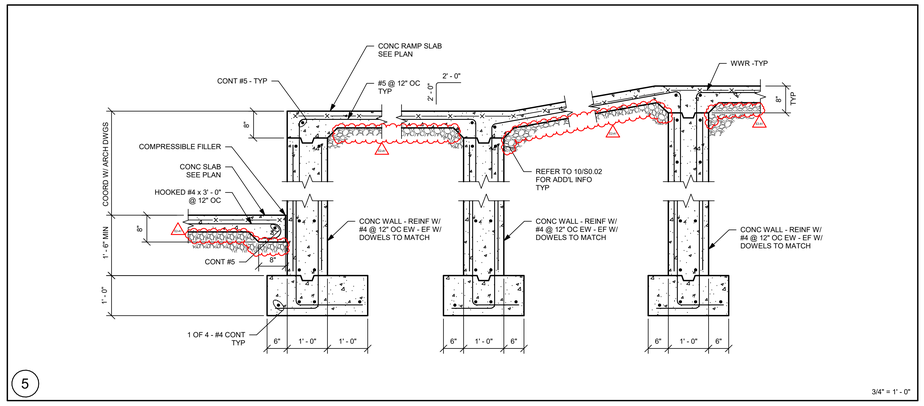
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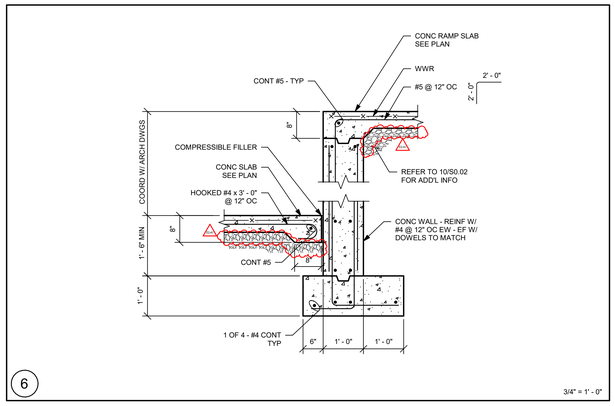
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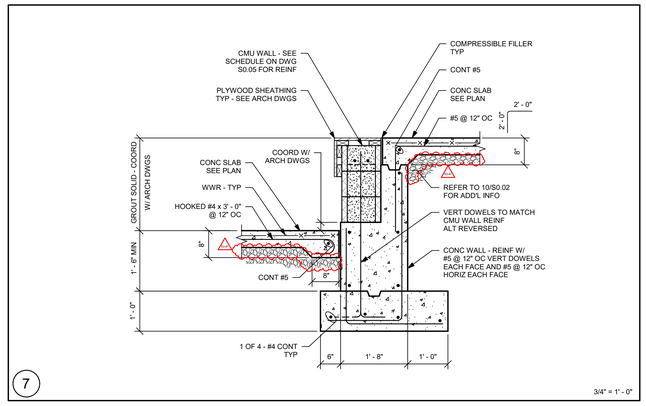
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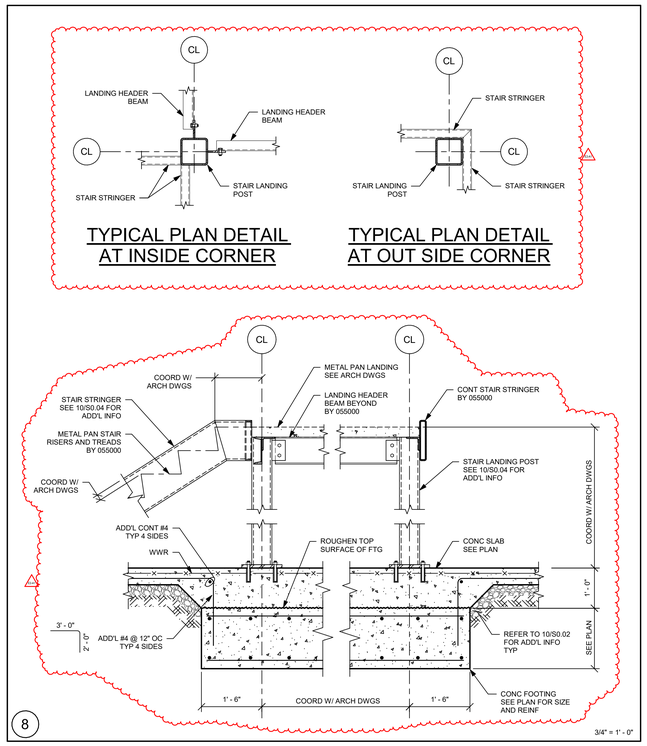
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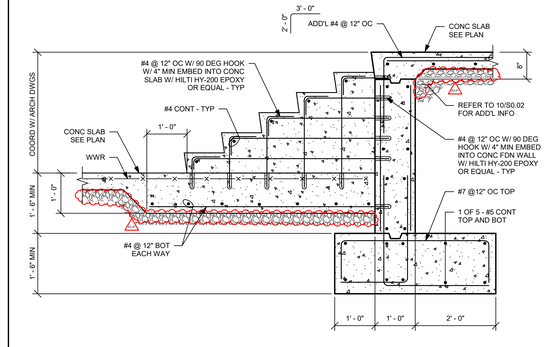
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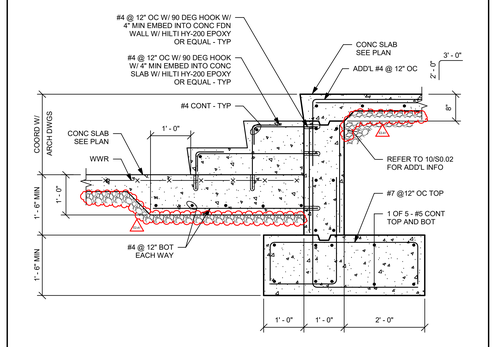
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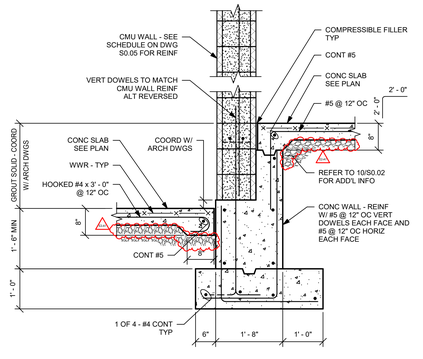
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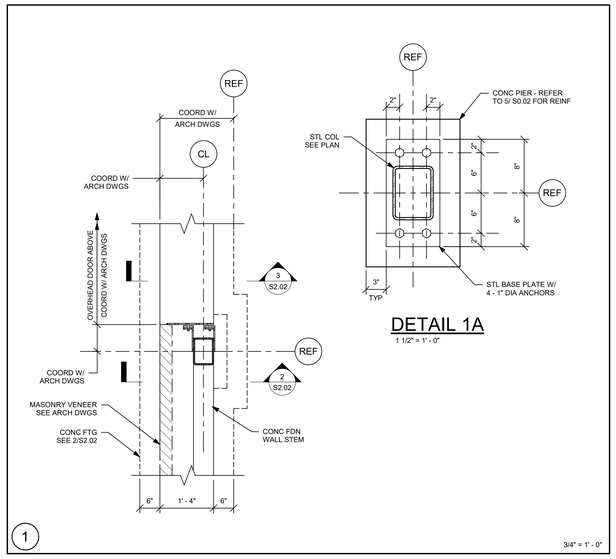
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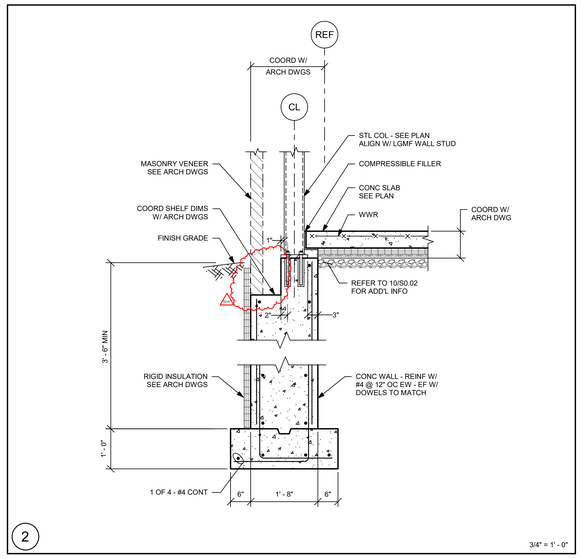
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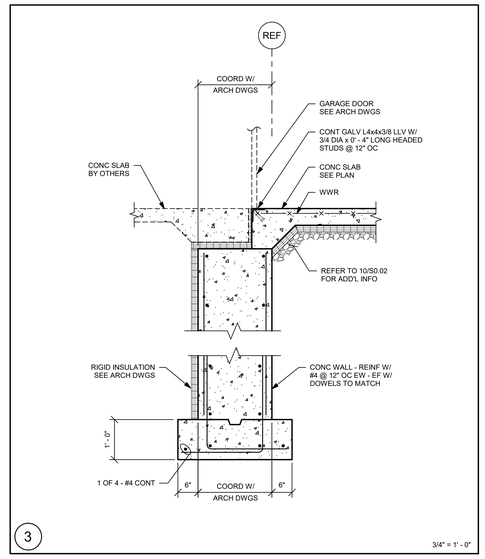


DETAIL 1A
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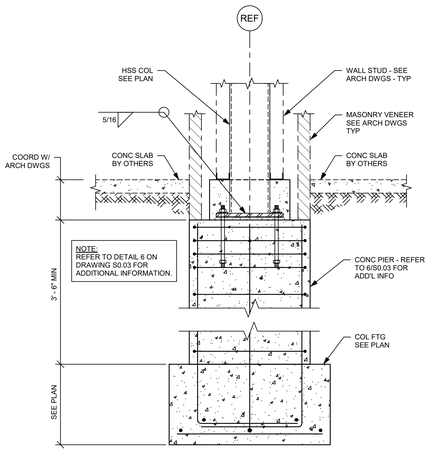


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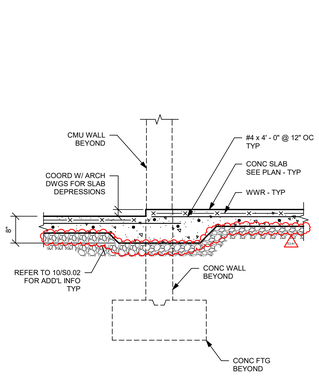


3 3/4" = 1' - 0"

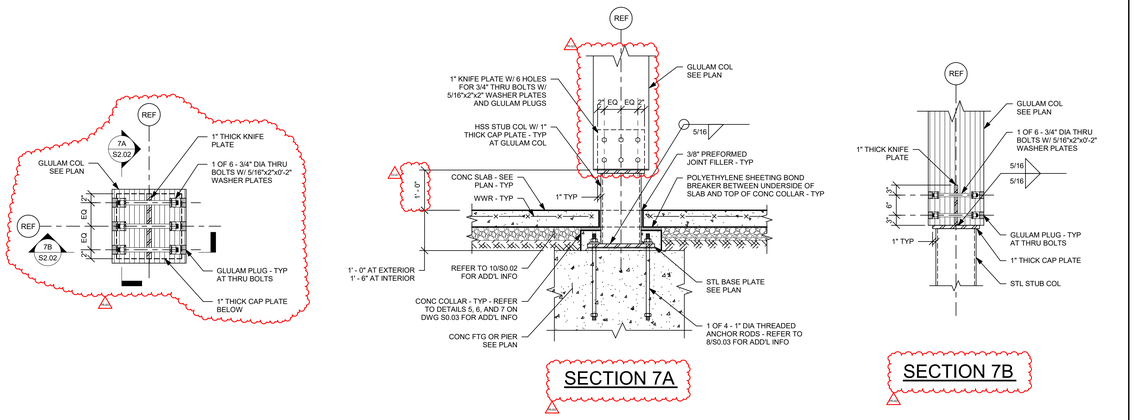
4 3/4" = 1' - 0"



5 3/4" = 1' - 0"

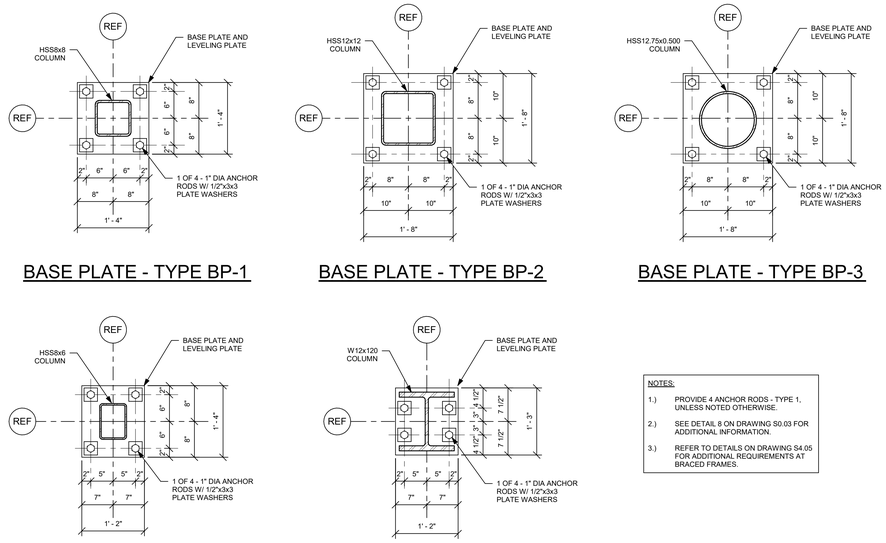


6 3/4" = 1' - 0"



7 7A 7B 1" = 1' - 0"

8 3/4" = 1' - 0"



BASE PLATE - TYPE BP-1

BASE PLATE - TYPE BP-2

BASE PLATE - TYPE BP-3

BASE PLATE - TYPE BP-4

BASE PLATE - TYPE BP-5

NOTES:

1.) PROVIDE 4 ANCHOR RODS - TYPE 1, UNLESS NOTED OTHERWISE.

2.) SEE DETAIL 8 ON DRAWING S0.03 FOR ADDITIONAL INFORMATION.

3.) REFER TO DETAILS ON DRAWING S4.05 FOR ADDITIONAL REQUIREMENTS AT BRACED FRAMES.

9 1" = 1' - 0"

10 3/4" = 1' - 0"

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PROJECT NUMBER: 23-0847

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ISSUE TITLE AND DATE:

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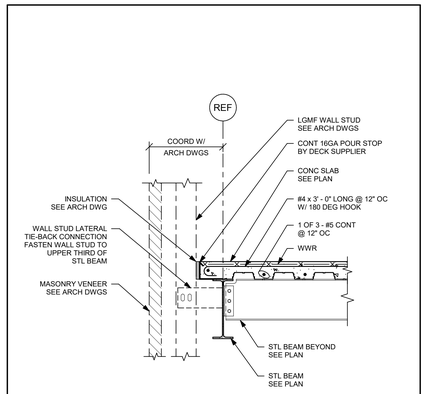
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0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

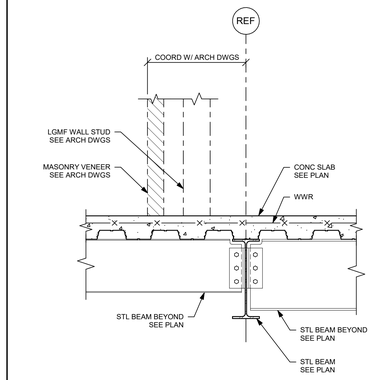
SHEET TITLE:
DETAILS

SHEET NUMBER:
S2.02

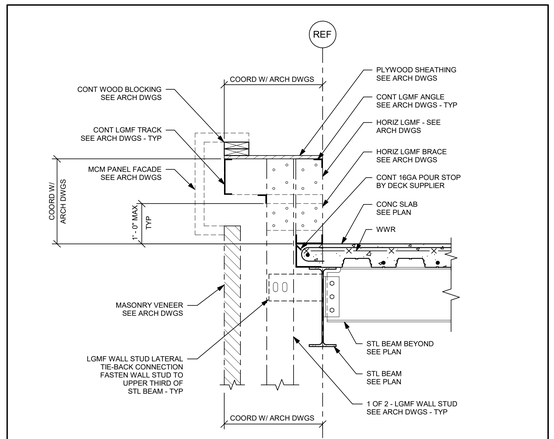
Autodesk Docs://Wilmington Elementary School/STRUC - 947 - Wilmington ES.rvt
9/22/2026 9:40:03 AM



1 3/4" = 1' - 0"



2 1" = 1' - 0"

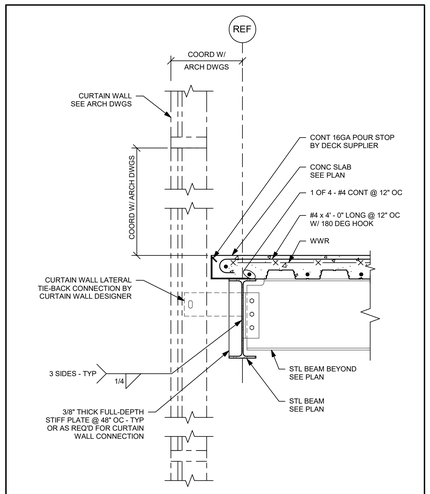


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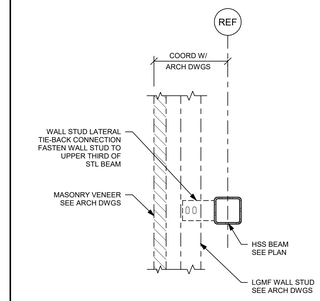
1.) REFER TO DETAIL 4 ON DRAWING S0.05 FOR SLAB-EDGE REINFORCING AND ADDITIONAL REQUIREMENTS.

2.) REFER TO ARCHITECTURAL DRAWINGS FOR PARAPET AND FACADE DIMENSIONS.

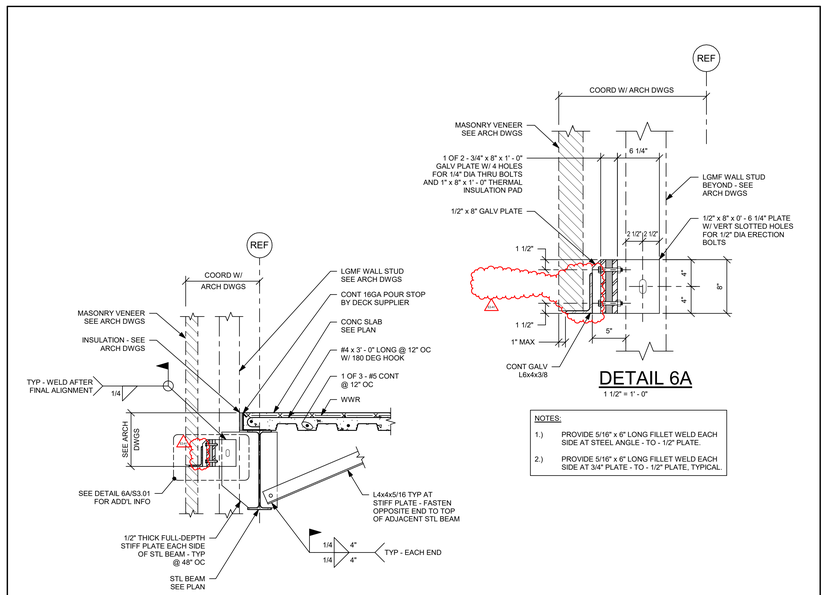
3 1" = 1' - 0"



4 1" = 1' - 0"



5 3/4" = 1' - 0"



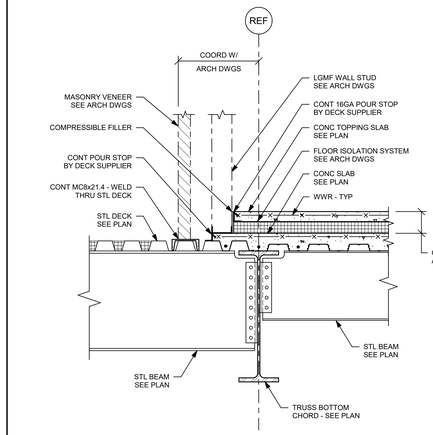
DETAIL 6A
1 1/2" = 1' - 0"

NOTES:

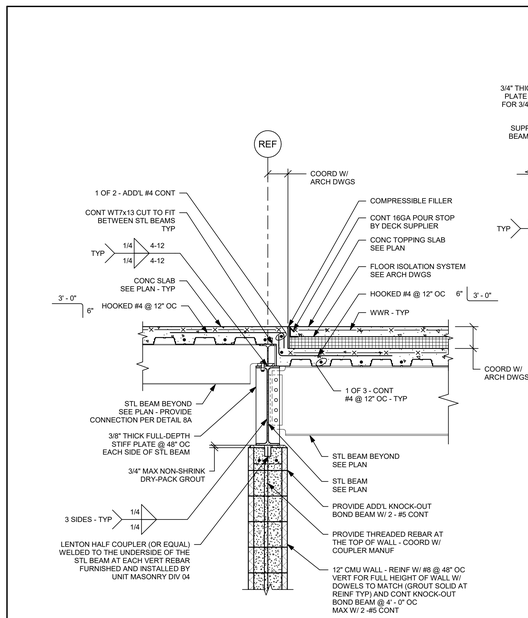
1.) PROVIDE 5/16" x 6" LONG FILLET WELD EACH SIDE AT STEEL ANGLE - TO - 1/2" PLATE.

2.) PROVIDE 5/16" x 6" LONG FILLET WELD EACH SIDE AT 3/4" PLATE - TO - 1/2" PLATE. TYPICAL.

6 3/4" = 1' - 0"

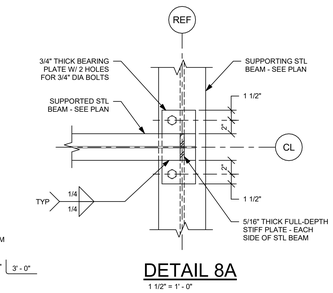


7 3/4" = 1' - 0"

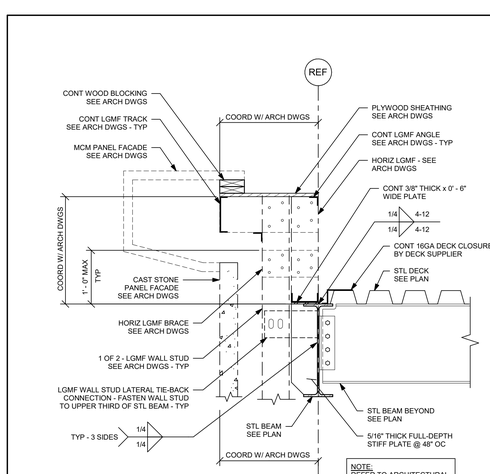


NOTE:
PROVIDE HORIZONTAL BRACE, TOP AND BOTTOM, WHERE DIAGONAL ARRANGEMENT INTERFERES WITH DUCTWORK.

8 3/4" = 1' - 0"

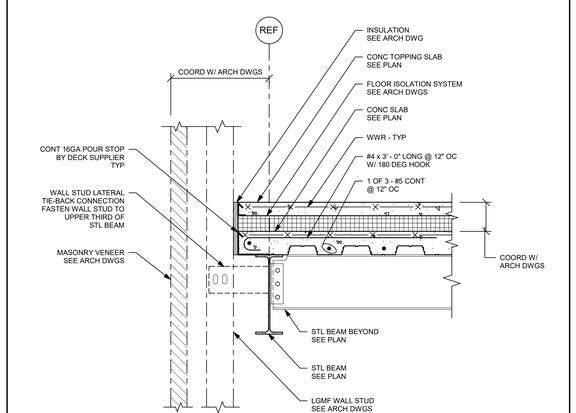


DETAIL 8A
1 1/2" = 1' - 0"

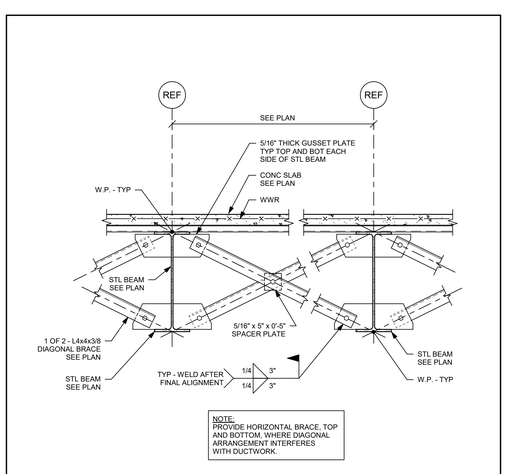


NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR PARAPET AND FACADE DIMENSIONS.

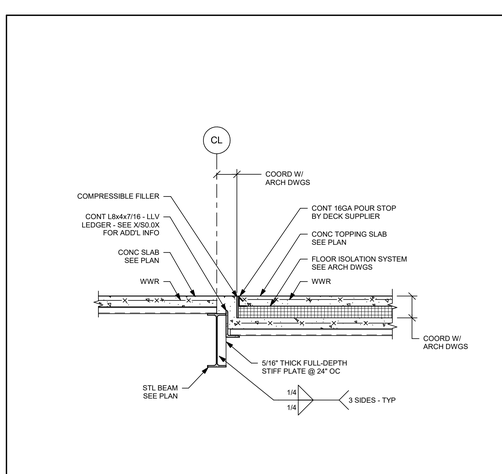
9 1" = 1' - 0"



10 1" = 1' - 0"



11 3/4" = 1' - 0"



12 3/4" = 1' - 0"

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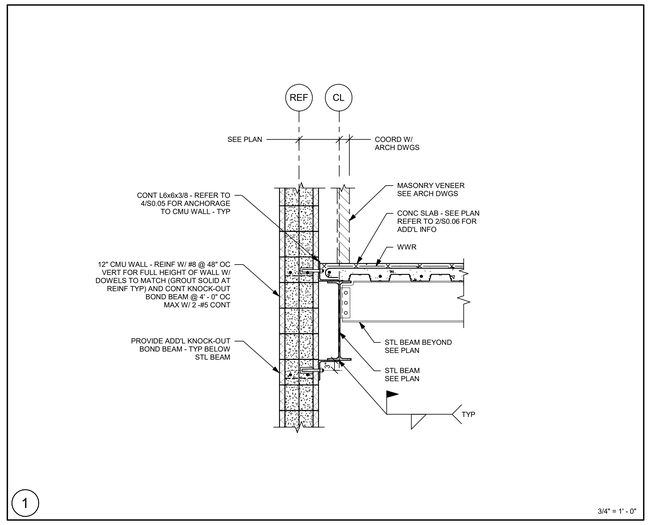
N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

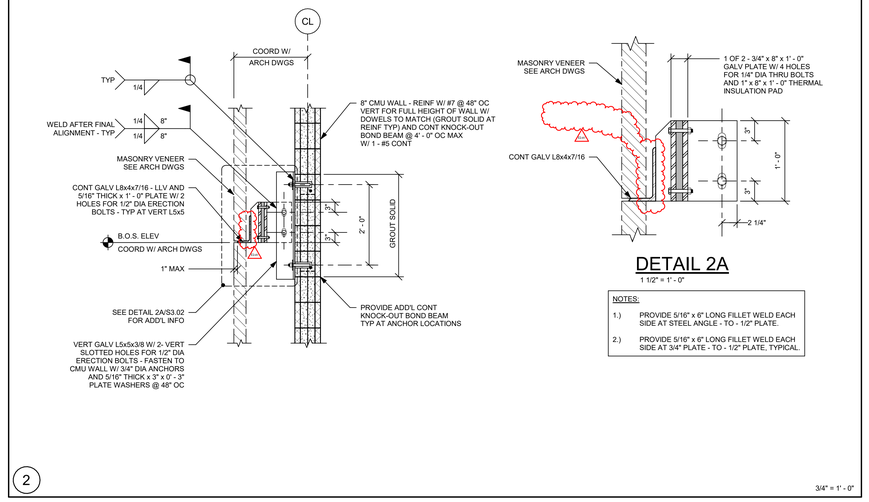
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SHEET TITLE:
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SHEET NUMBER:
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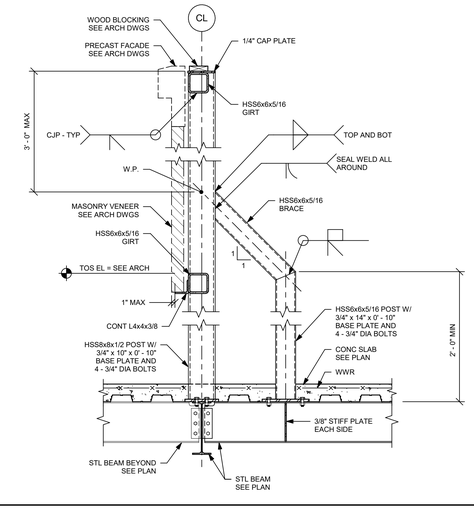
DETAIL 2A

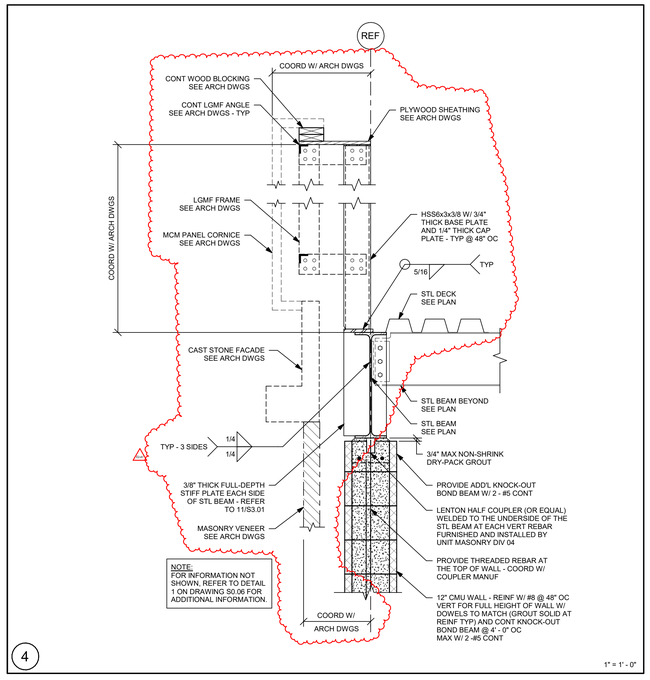
1 1/2" = 1' - 0"

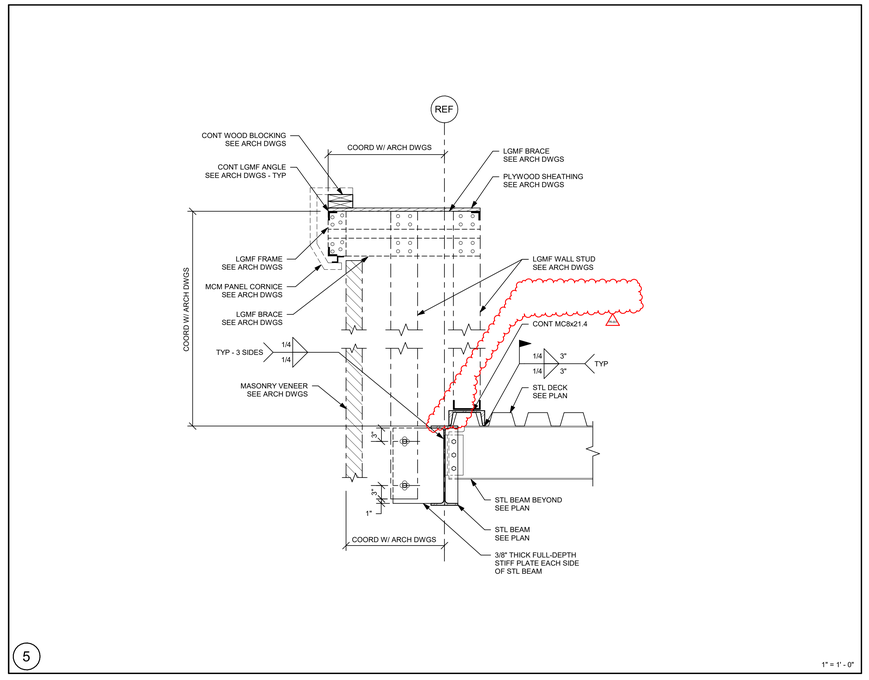
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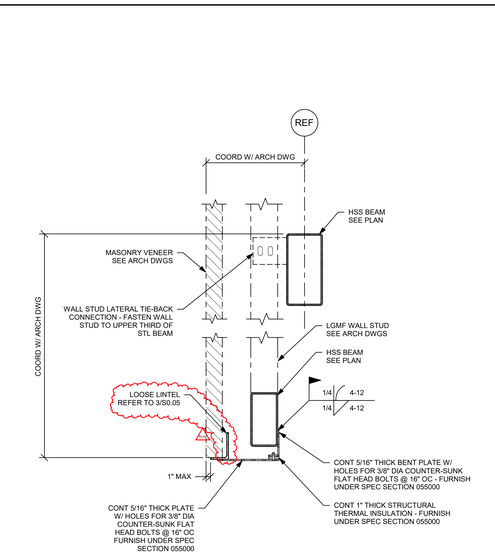
1.) PROVIDE 5/16" x 6" LONG FILLET WELD EACH SIDE AT STEEL ANGLE - TO - 1/2" PLATE.

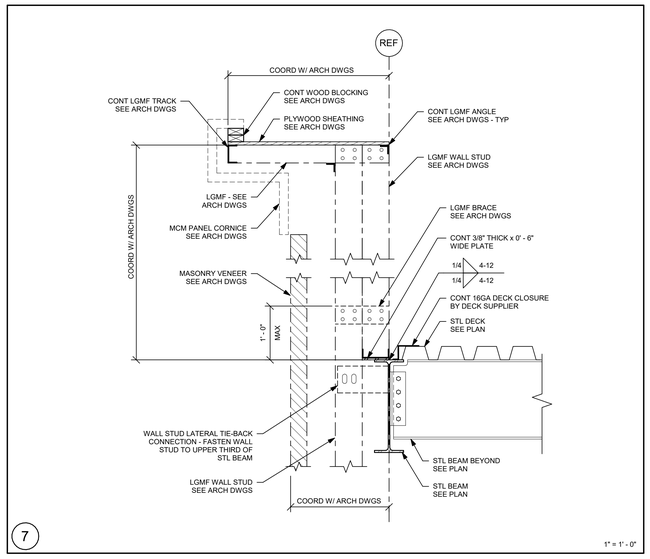
2.) PROVIDE 5/16" x 6" LONG FILLET WELD EACH SIDE AT 3/4" PLATE - TO - 1/2" PLATE, TYPICAL.

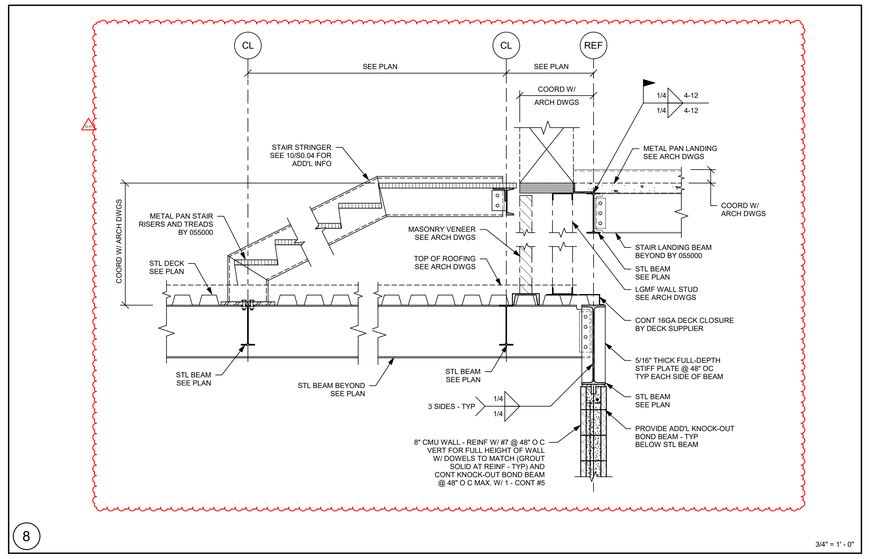


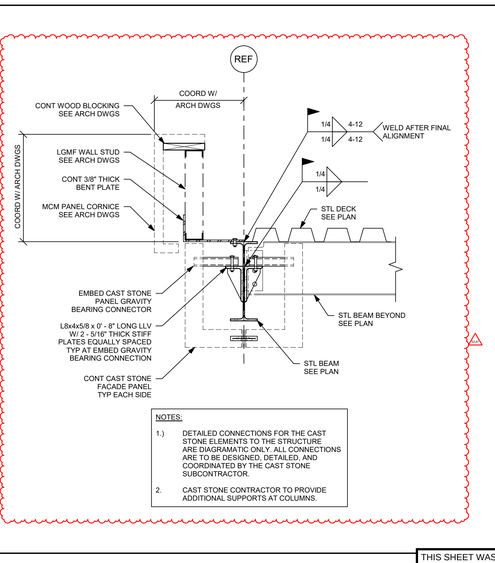












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CA	09/22/2026	PR-003

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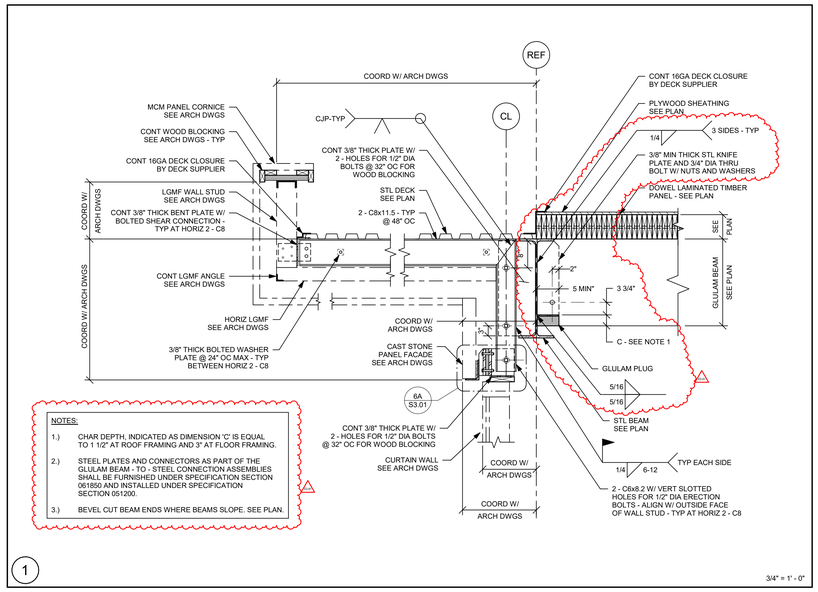
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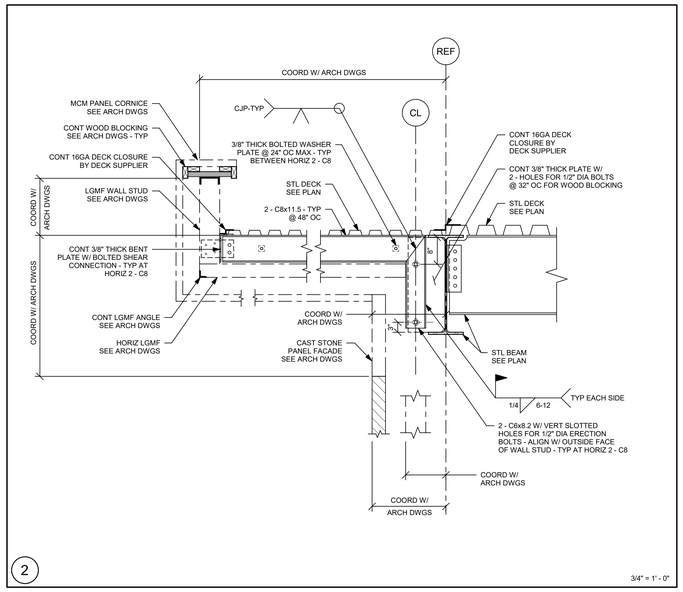
N
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

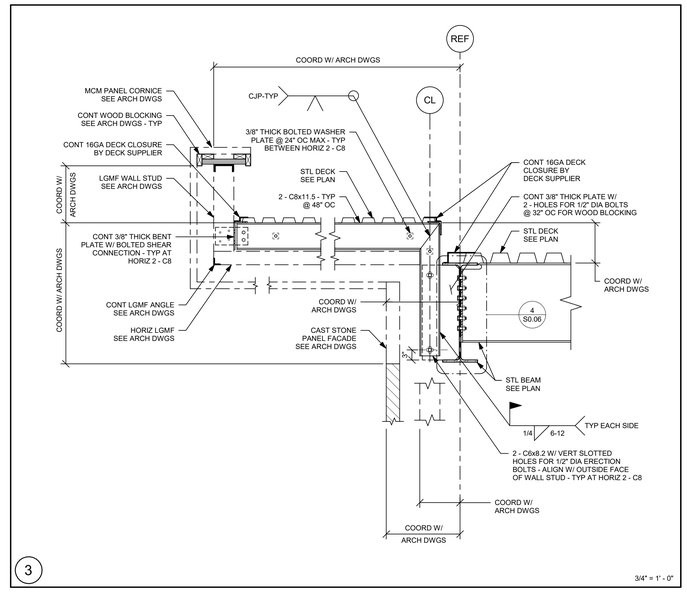
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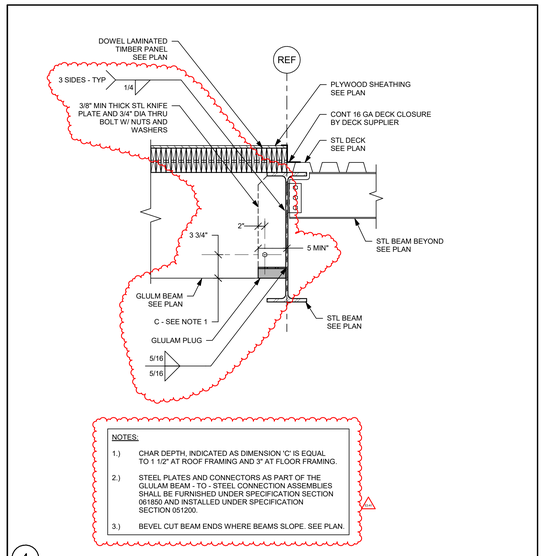
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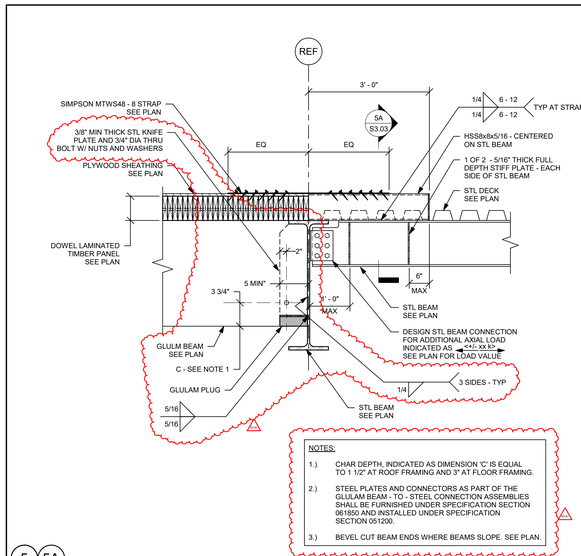
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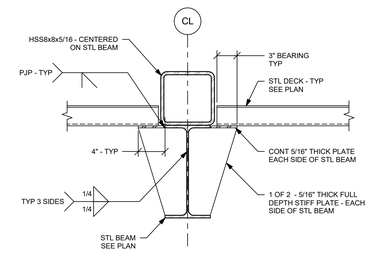




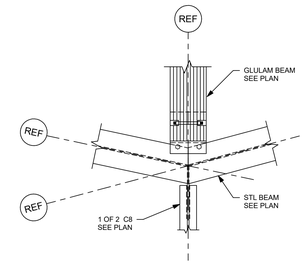


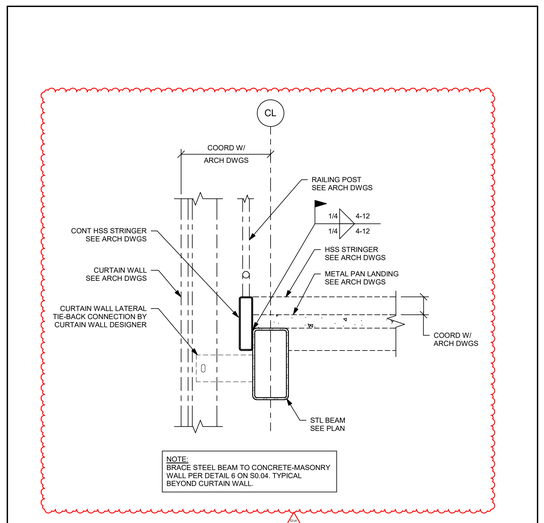


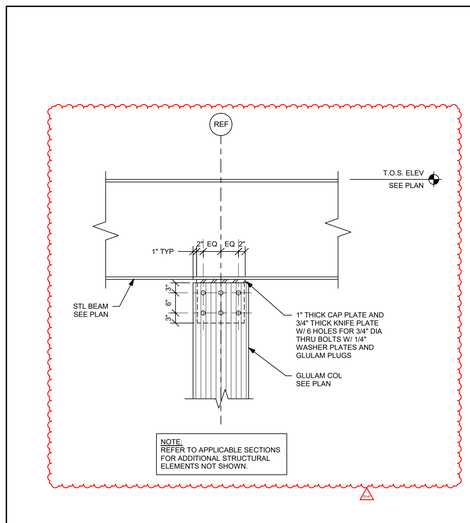


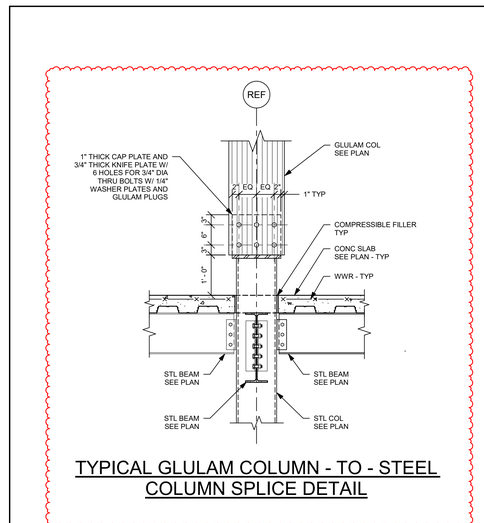


SECTION 5A

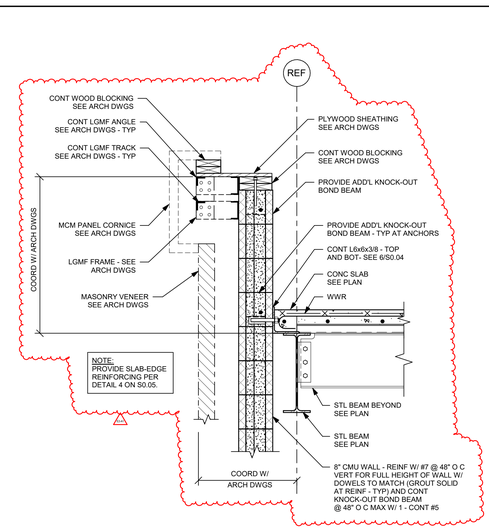








TYPICAL GLULAM COLUMN - TO - STEEL COLUMN SPLICE DETAIL



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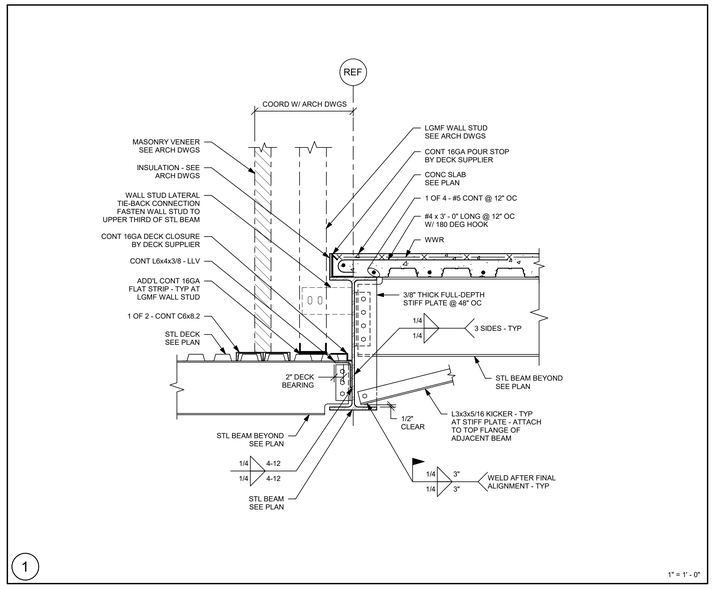
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0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

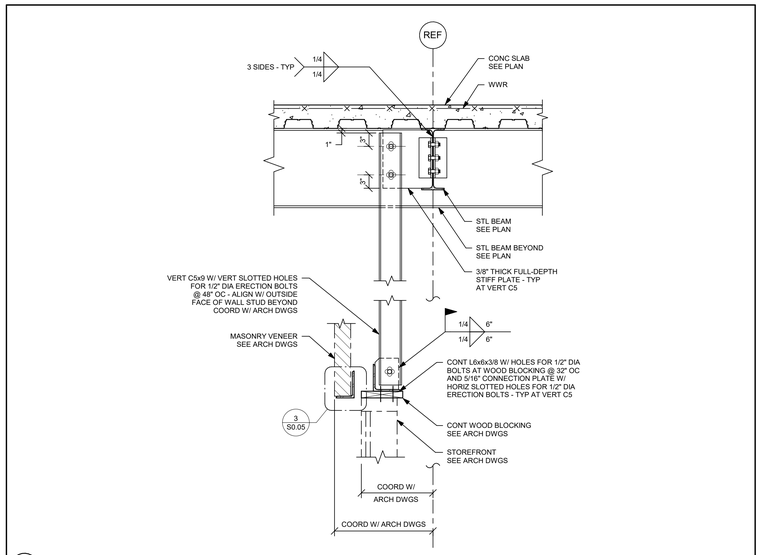
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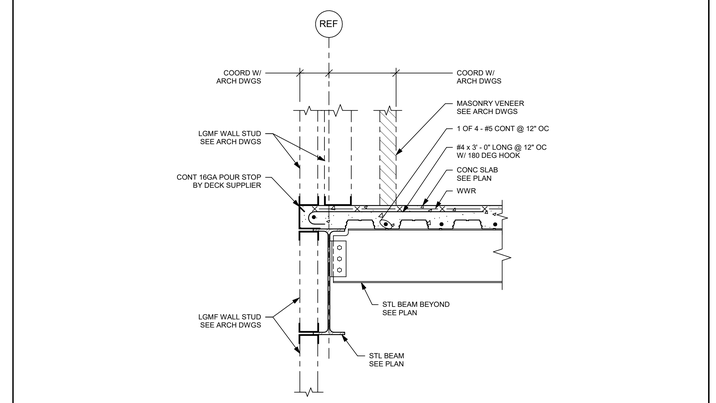
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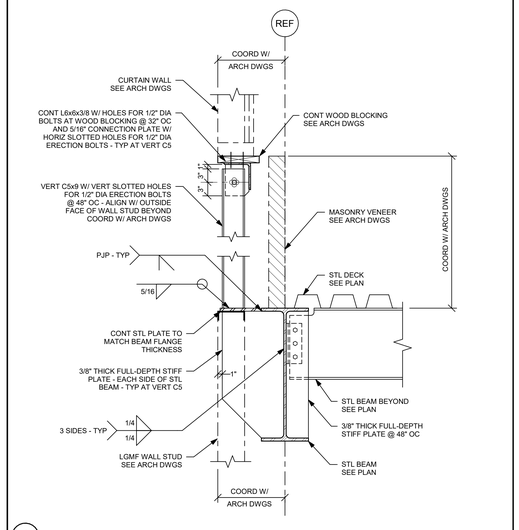
1 — 1" = 1' - 0"



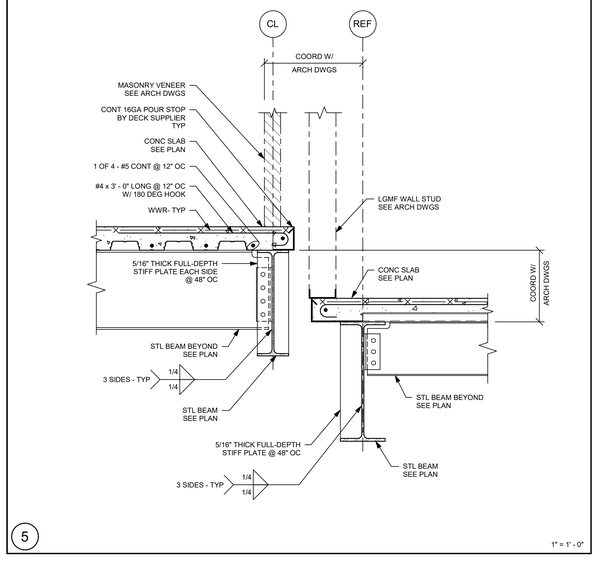
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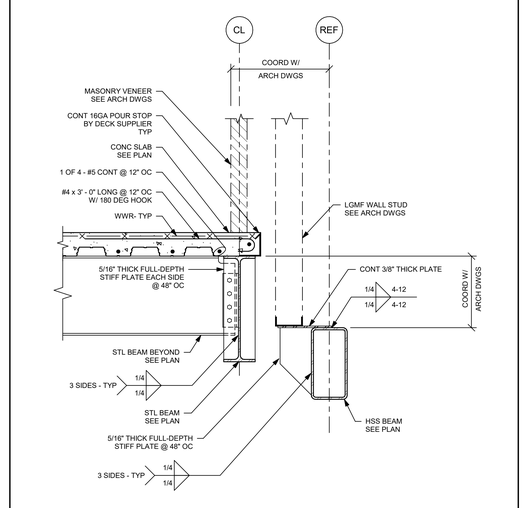
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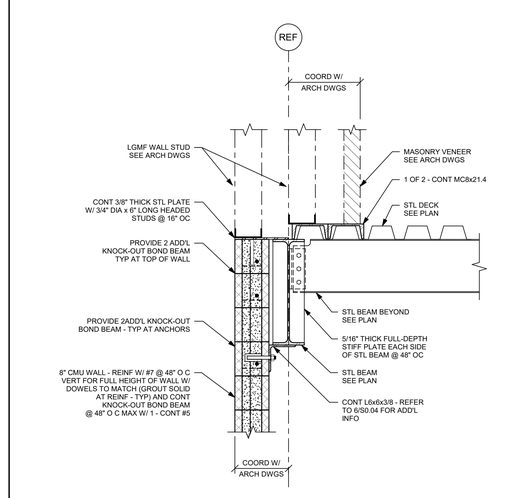
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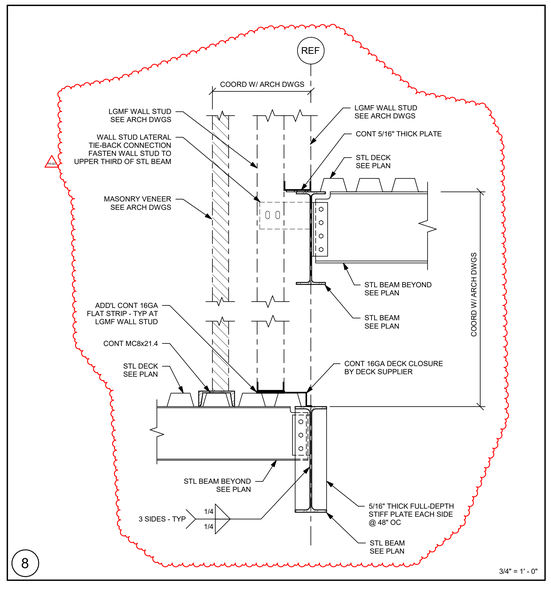
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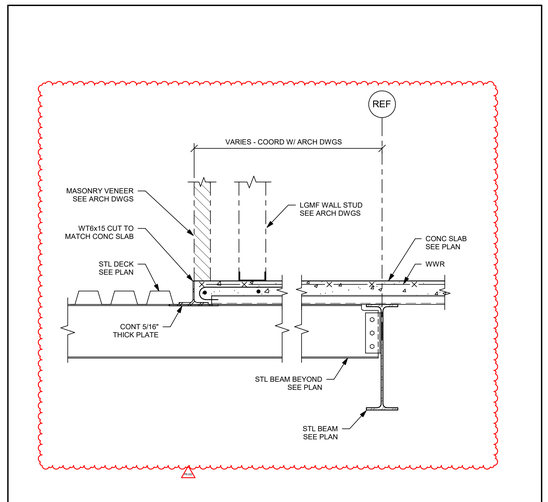
6 — 1" = 1' - 0"



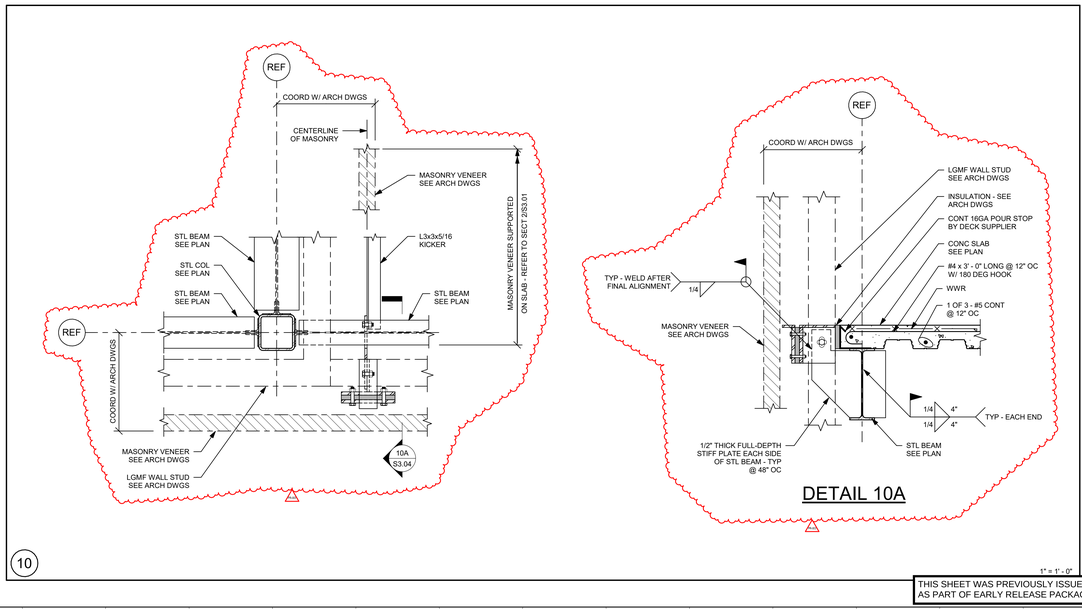
7 — 1" = 1' - 0"



8 — 3/4" = 1' - 0"



9 — 1" = 1' - 0"



10 — 1" = 1' - 0"

DETAIL 10A

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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NO.	DATE	TITLE
E2-A2	09/11/2026	ERP 2 - ADDENDUM 2
CA	09/22/2026	PR-003

ISSUE TITLE AND DATE:

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KEY PLAN

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SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

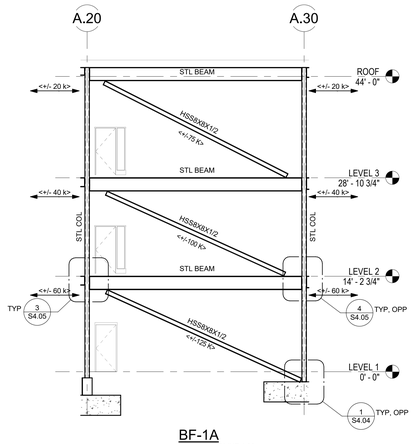
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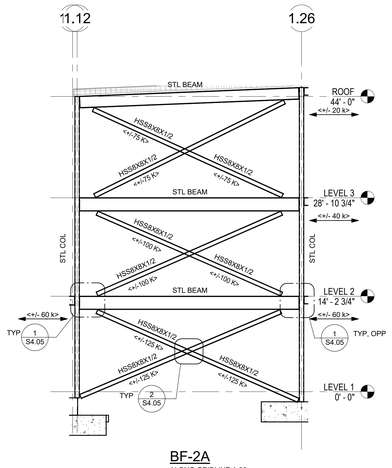
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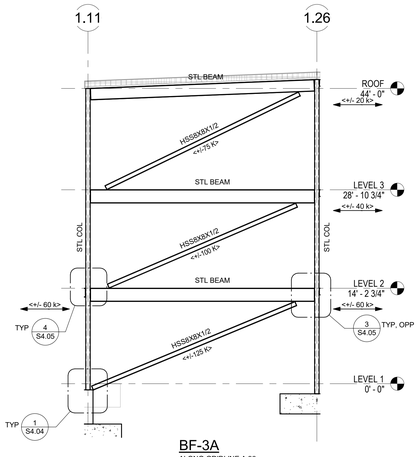
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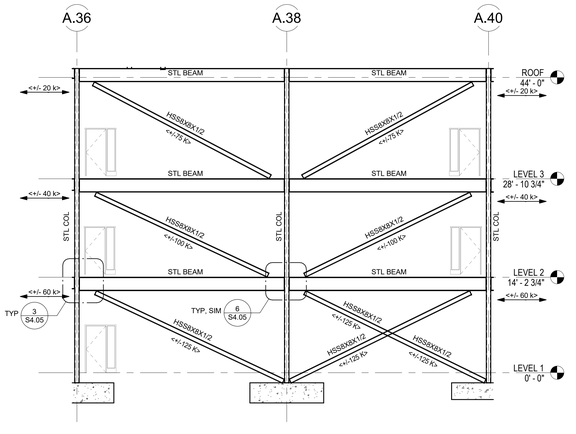
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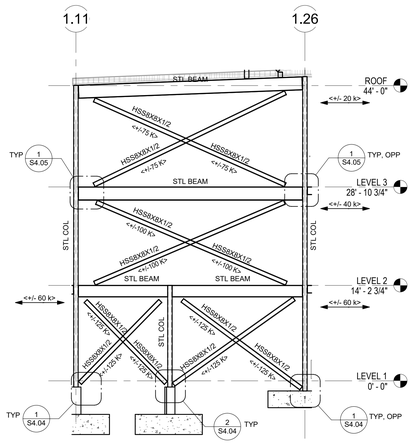
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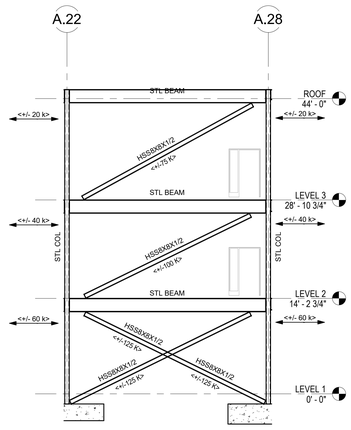
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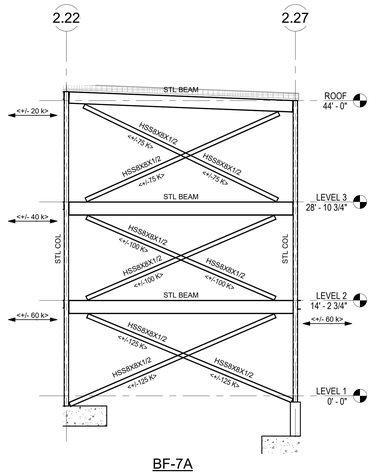
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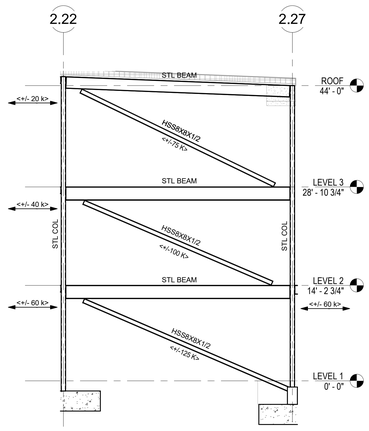
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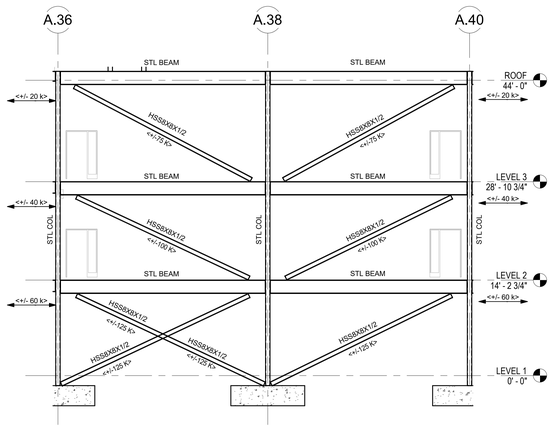
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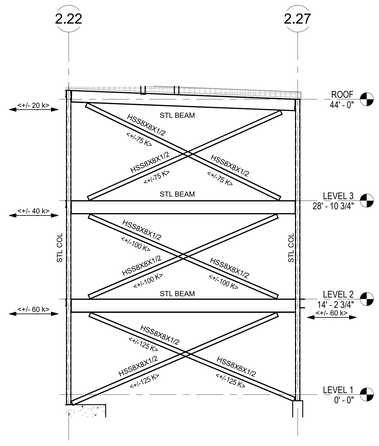
BF-7A
ALONG GRIDLINE A.28



BF-8A
ALONG GRIDLINE A.36



BF-9A
ALONG GRIDLINE 2.22



BF-10A
ALONG GRIDLINE A.40

BRACE FRAME NOTES:

1.) FABRICATOR IS RESPONSIBLE FOR BRACE CONNECTION DESIGN.

2.) ELEVATIONS ARE SCHEMATIC ONLY AND INTENDED TO SHOW CONFIGURATION OF BRACED FRAMES AND BRACE FORCES.

3.) DESIGN DIAGONAL MEMBER CONNECTIONS FOR TWICE THE AXIAL DESIGN FORCE SHOWN BELOW EACH MEMBER. DENOTED AS <+/- K KIPS>> (TENSION OR COMPRESSION). AXIAL DESIGN FORCE IS BASED ON LRFD. USE GENERAL UNIFORM FORCE METHOD FOR CONNECTION DESIGN.

4.) DO NOT WELD TOP END OF DIAGONAL BRACE MEMBERS IN PLACE UNTIL FLOOR SLABS AND ROOFING ARE IN PLACE. WELDS MUST BE FULLY INSPECTED AND APPROVED PRIOR TO PLACING ANY CONCRETE OR INSTALLING OTHER MATERIALS THAT WOULD COVER THE CONNECTIONS.

5.) BOLTED CONNECTIONS IN BRACED FRAMES SHALL BE DESIGNED AS SLIP CRITICAL CONNECTIONS.

6.) SEE PLANS FOR COLUMN AND BEAM SIZES.

7.) CENTERLINE OF BRACE MEMBER SHALL BE OFFSET FROM WORKPOINT LINE AS NOTED AS SHOWN ON ELEVATION.

8.) DESIGN ADJACENT BEAM - TO - COLUMN CONNECTION ON THE OPPOSITE SIDE OF THE BRACED FRAME FORCE ADDITIONAL AXIAL LOAD, INDICATED AS <+/- XX KIPS> AXIAL DESIGN FORCE IS BASED ON LRFD.

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ELEMENTARY SCHOOL

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PROJECT NUMBER: 23-0847

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REVISIONS:

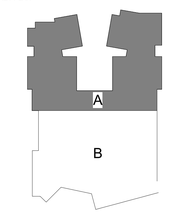
NO.	DATE	TITLE

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KEY PLAN



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PROJECT NORTH

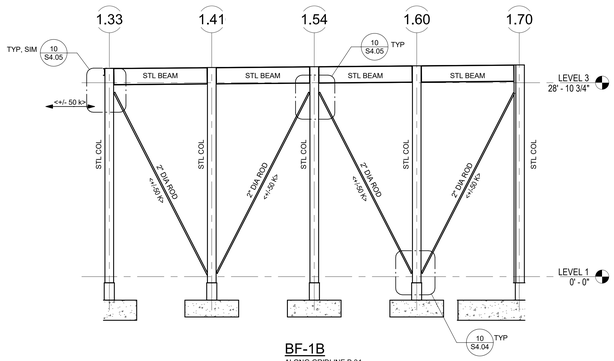
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BRACED FRAME ELEVATIONS - AREA A

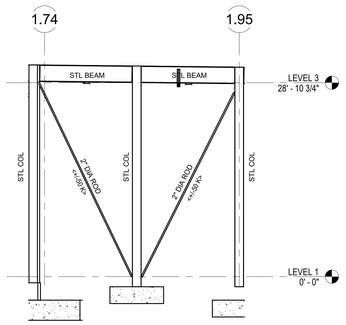
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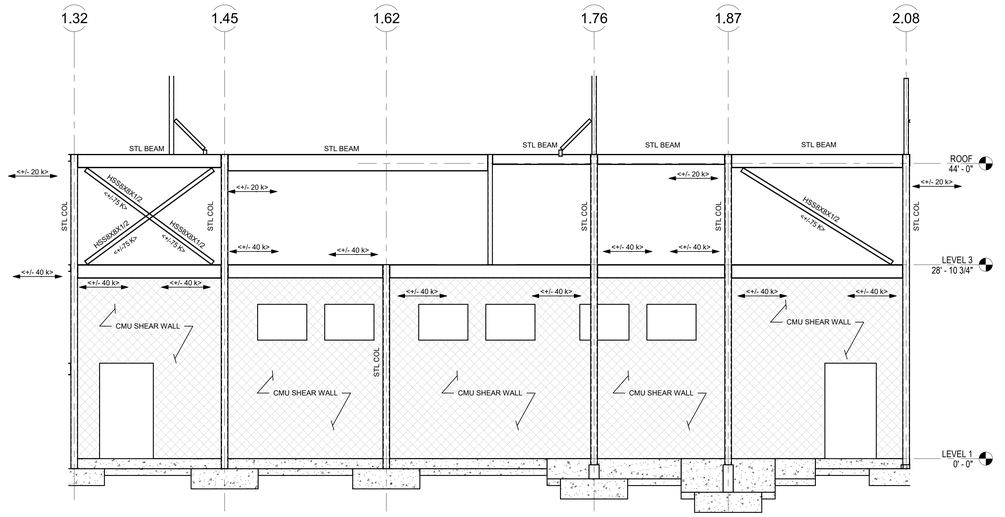
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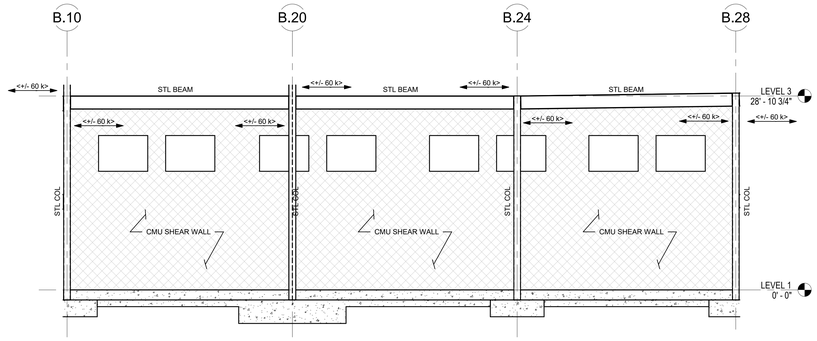
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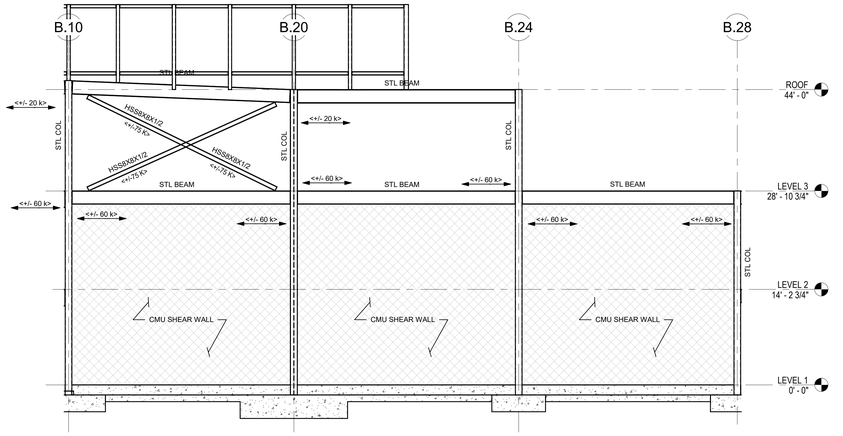
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ALONG GRIDLINE B.44



SW-1B
ALONG GRIDLINE B.10



SW-2B
ALONG GRIDLINE A.32



SW-3B
ALONG GRIDLINE 2.08

SHEAR WALL NOTES:

1.) ELEVATIONS ARE SCHEMATIC ONLY AND INTENDED TO SHOW CONFIGURATION OF SHEAR WALLS.

2.) SEE PLANS FOR COLUMN AND BEAM SIZES.

3.) COORDINATE LOCATIONS OF OPENINGS WITHIN WALLS WITH ARCHITECTURAL DRAWINGS.

4.) SEE SCHEDULE ON S0.04 FOR REINFORCING REQUIREMENTS AT SHEAR WALLS.

5.) SEE DETAILS S0.04 FOR ADDITIONAL REINFORCING REQUIRED AT OPENINGS IN WALLS, CONTROL JOINT ARRANGEMENTS, ETC.

6.) SEE MASONRY LINTEL DETAIL AND SCHEDULE ON S0.04 FOR REINFORCING REQUIREMENTS.

7.) SEE DETAIL 9 ON S0.04 FOR REQUIREMENTS OF WELDABLE COUPLERS ALONG STRUCTURAL STEEL COLUMNS AND BEAMS AT CMU SHEAR WALLS.

8.) COORDINATE ADDITIONAL BOND-BEAMS AND REINFORCING REQUIRED WITHIN SHEAR WALLS WITH VARIOUS SECTIONS ON THE STRUCTURAL CONTRACT DRAWINGS.

9.) DESIGN BEAM - TO - COLUMN CONNECTION AT INTERMEDIATE LEVEL WITHIN SHEAR WALL AND ADJACENT BEAM - TO- COLUMN CONNECTION ON THE OPPOSITE SIDE FOR ADDITIONAL AXIAL LOAD INDICATED AS <+/- XX KIPS> AXIAL DESIGN FORCE IS BASED ON LRFD.

BRACE FRAME NOTES:

1.) FABRICATOR IS RESPONSIBLE FOR BRACE CONNECTION DESIGN.

2.) ELEVATIONS ARE SCHEMATIC ONLY AND INTENDED TO SHOW CONFIGURATION OF BRACED FRAMES AND BRACE FORCES.

3.) DESIGN DIAGONAL MEMBER CONNECTIONS FOR TWICE THE AXIAL DESIGN FORCE SHOWN BELOW EACH MEMBER, DENOTED AS <+/- K KIPS>> (TENSION OR COMPRESSION). AXIAL DESIGN FORCE IS BASED ON LRFD. USE GENERAL UNIFORM FORCE METHOD FOR CONNECTION DESIGN.

4.) DO NOT WELD TOP END OF DIAGONAL BRACE MEMBERS IN PLACE UNTIL FLOOR SLABS AND ROOFING ARE IN PLACE. WELDS MUST BE FULLY INSPECTED AND APPROVED PRIOR TO PLACING ANY CONCRETE OR INSTALLING OTHER MATERIALS THAT WOULD COVER THE CONNECTIONS.

5.) BOLTED CONNECTIONS IN BRACED FRAMES SHALL BE DESIGNED AS SLIP CRITICAL CONNECTIONS.

6.) SEE PLANS FOR COLUMN AND BEAM SIZES.

7.) CENTERLINE OF BRACE MEMBER SHALL BE OFFSET FROM WORKPOINT LINE AS NOTED AS SHOWN ON ELEVATION.

8.) DESIGN ADJACENT BEAM - TO - COLUMN CONNECTION ON THE OPPOSITE SIDE OF THE BRACED FRAME FORCE ADDITIONAL AXIAL LOAD, INDICATED AS <+/- XX KIPS> AXIAL DESIGN FORCE IS BASED ON LRFD.

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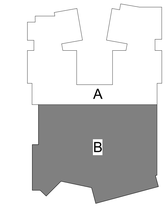
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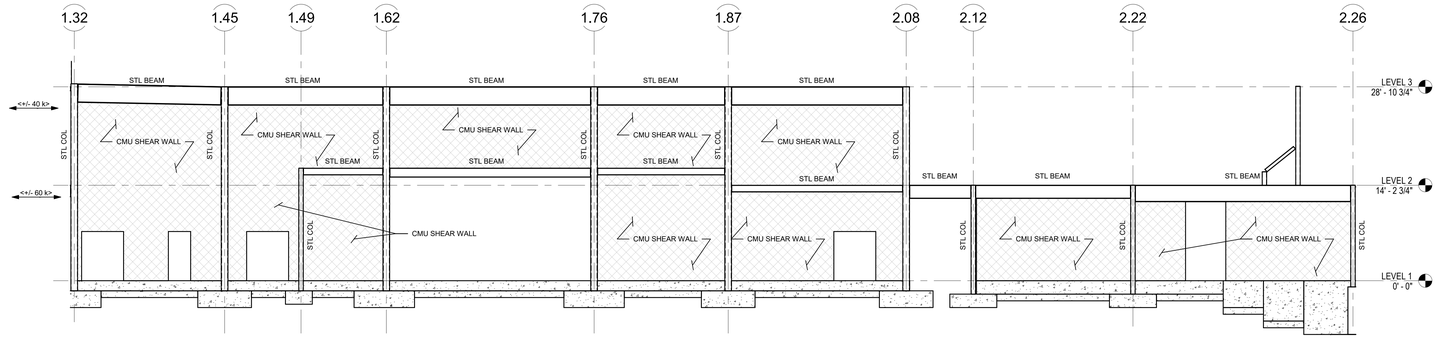


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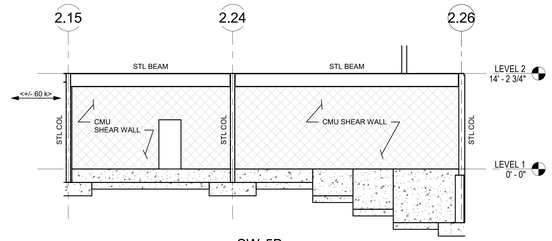
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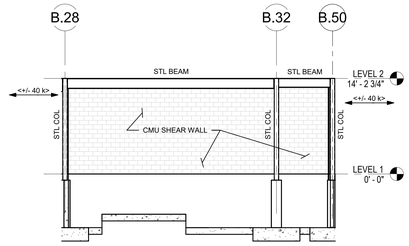
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SW-4B
ALONG GRIDLINE B.28



SW-5B
ALONG GRIDLINE B.50



SW-6B
ALONG GRIDLINE 2.26

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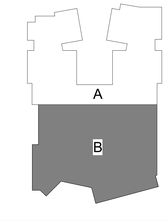
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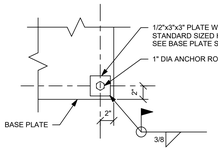
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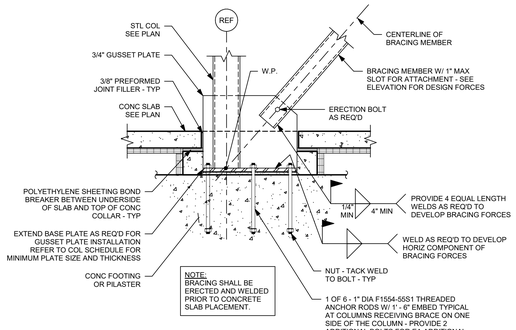
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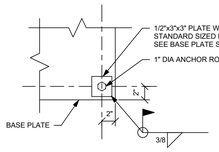
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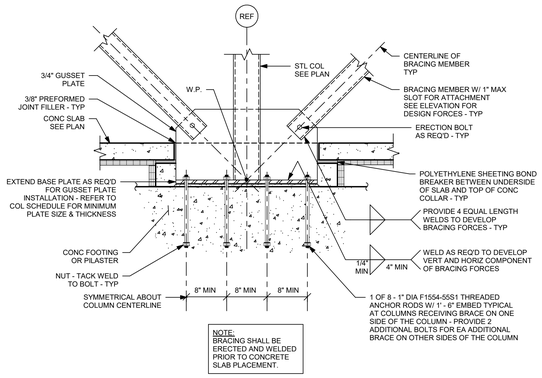
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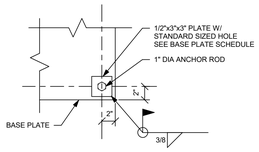
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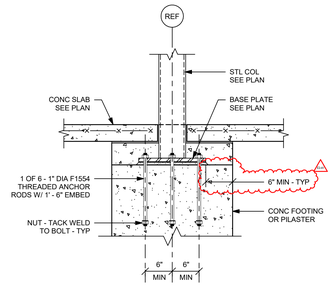
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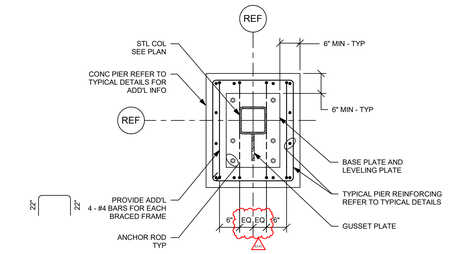
2 NO SCALE



BASE PLATE DETAIL



3 NO SCALE



BRACE IN ONE DIRECTION AT PIER

NOTE:
THIS DETAIL APPLIES TO BRACE FRAMED
COLUMNS BEARING DIRECTLY ON PIERS.

4 NO SCALE

BRACE IN TWO DIRECTIONS AT PIER

NOTE:
THIS DETAIL APPLIES TO BRACE FRAMED
COLUMNS BEARING DIRECTLY ON PIERS.

5 NO SCALE

BRACE IN ONE DIRECTION AT PIER WITHOUT BRACES AT FOOTING

6 NO SCALE

COLUMN AT BRACED FRAME WITHOUT BRACES AT FOOTING

NOTE:
THIS DETAIL APPLIES TO BRACE FRAMED
COLUMNS BEARING DIRECTLY ON FOOTING.

7 NO SCALE

BRACED FRAME IN ONE DIRECTION AT FOOTING

NOTE:
THIS DETAIL APPLIES TO BRACE FRAMED
COLUMNS BEARING DIRECTLY ON FOOTING.

8 NO SCALE

BRACED FRAME IN TWO DIRECTIONS AT FOOTING

NOTE:
THIS DETAIL APPLIES TO BRACE FRAMED
COLUMNS BEARING DIRECTLY ON FOOTING.

9 NO SCALE

10 NO SCALE

BASE PLATE DETAIL

11 NO SCALE

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE
E2-A1	09/04/2026	ERP 2 - ADDENDUM 1

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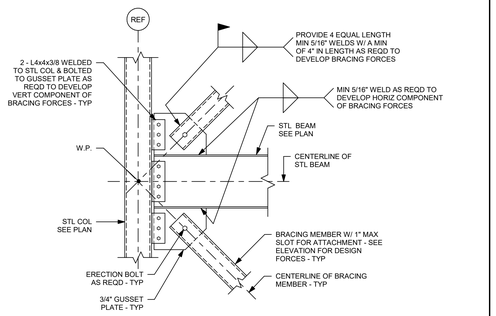
ORIENTATION AND SCALE:

PROJECT NORTH

SHEET TITLE:
BRACED FRAME
DETAILS

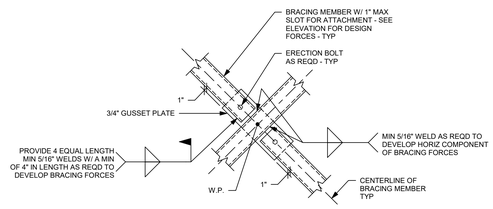
SHEET NUMBER:
S4.04

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NOTE:
WORK-POINT "W.P." SHALL BE AT TOP-OF-STEEL BEAM ELEVATION - TYPICAL AT SECTION 1A.

1 1A NO SCALE



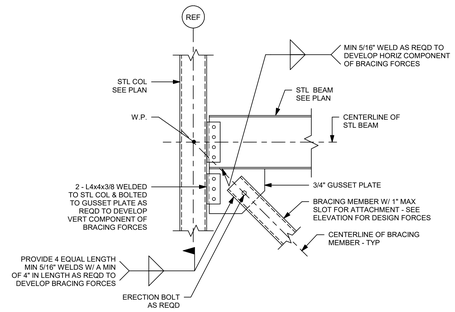
NOTES:

1.) REFER TO ARCHITECTURAL DRAWINGS. DETAILS, FINISH AND ADDITIONAL INFORMATION.

2.) ALL EXPOSED STEEL TO RECEIVE A SPECIAL FINISH, REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

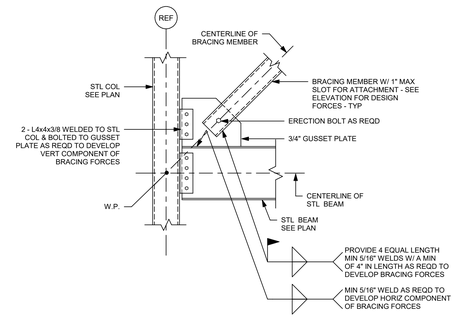
3.) PROVIDE CONTINUOUS WELD WITH NO GAPS. SHOP SLOTS PROVIDED IN THE BRACE TO BE FULLY WELDED IN THE FIELD WITH NO GAPS AND GROUND SMOOTH.

2 NO SCALE

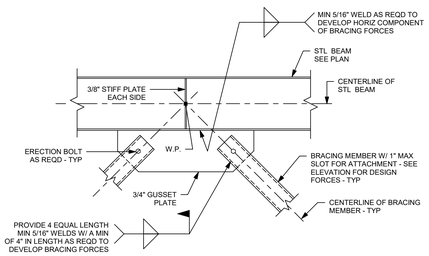


NOTE:
WORK-POINT "W.P." SHALL BE AT TOP-OF-STEEL BEAM ELEVATION - TYPICAL AT SECTION 3A.

3 3A NO SCALE

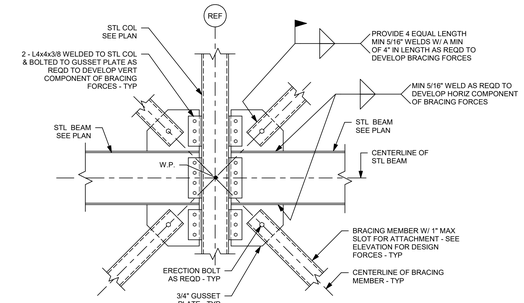


4 NO SCALE



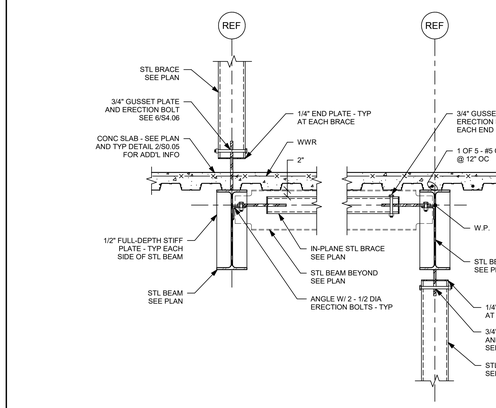
NOTE:
WORK-POINT "W.P." SHALL BE AT TOP-OF-STEEL BEAM ELEVATION - TYPICAL AT SECTION 5A.

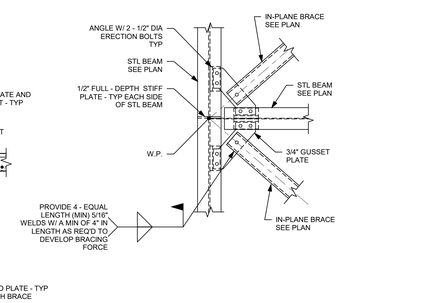
5 5A NO SCALE



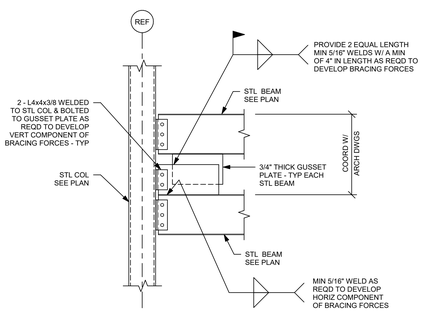
NOTE:
WORK-POINT "W.P." SHALL BE AT TOP-OF-STEEL BEAM ELEVATION - TYPICAL AT SECTION 6A.

6 6A NO SCALE



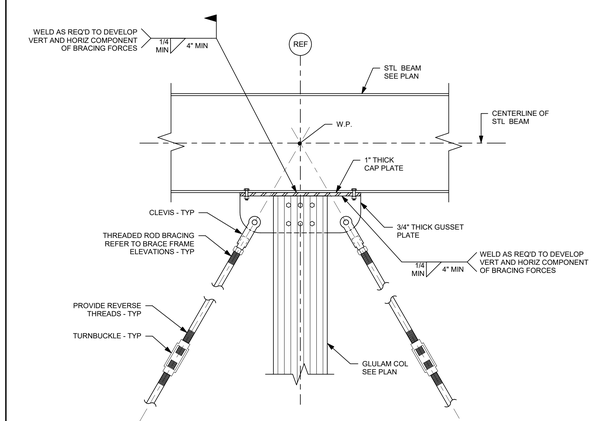


7 NO SCALE



8 NO SCALE

9 NO SCALE



10 NO SCALE

11 NO SCALE

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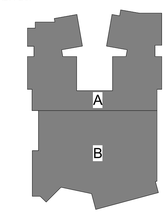
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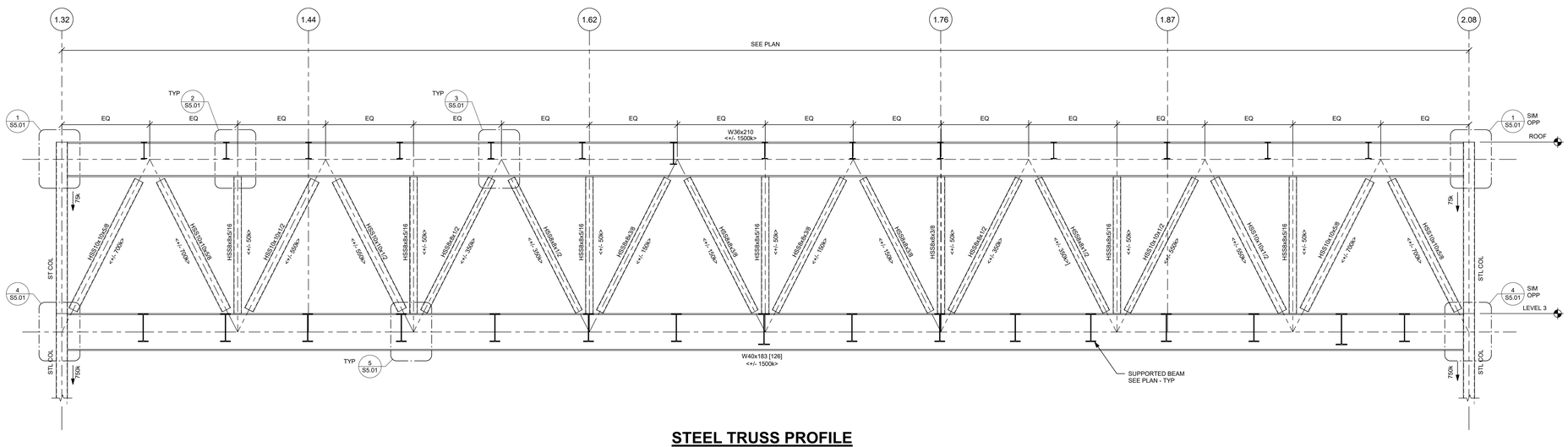


PROJECT NORTH

SHEET TITLE:
BRACED FRAME DETAILS

SHEET NUMBER:
S4.05

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STEEL TRUSS PROFILE

STEEL TRUSS NOTES:

1.) FABRICATOR IS RESPONSIBLE FOR STEEL TRUSS CONNECTION DESIGN.

2.) ELEVATIONS ARE SCHEMATIC ONLY AND ARE INTENDED TO SHOW CONFIGURATION OF TRUSS MEMBERS AND FORCES.

3.) DESIGN INTERNAL WEB MEMBER CONNECTIONS FOR THE AXIAL DESIGN FORCE SHOWN AT EACH MEMBER, INDICATED AS <X.k> (TENSION OR COMPRESSION). AXIAL DESIGN FORCE IS BASED ON LRFD. USE GENERAL UNIFORM FORCE METHOD FOR CONNECTION DESIGN.

4.) DO NOT WELD TOP END OF INTERNAL TRUSS MEMBERS ON SITE UNTIL FLOOR SLABS AND ROOFING ARE IN PLACE. WELDS MUST BE FULLY INSPECTED AND APPROVED PRIOR TO PLACING ANY CONCRETE OR INSTALLING OTHER MATERIALS THAT WOULD COVER THE CONNECTIONS.

5.) BOLTED CONNECTIONS IN TRUSSES ARE TO BE DESIGNED AS SLIP-CRITICAL CONNECTIONS.

6.) FABRICATOR IS RESPONSIBLE FOR THE LOCATION OF ANYJALL ERECTION SPLICE CONNECTIONS - SUBJECT TO APPROVAL FROM THE ARCHITECT. ALL SPLICES SHALL DEVELOP THE FULL ALLOWABLE CAPACITY OF THE WEB AND FLANGES OF THE SPLICED MEMBERS. REFER TO DETAIL 6 ON S5.02 FOR ADDITIONAL INFORMATION.

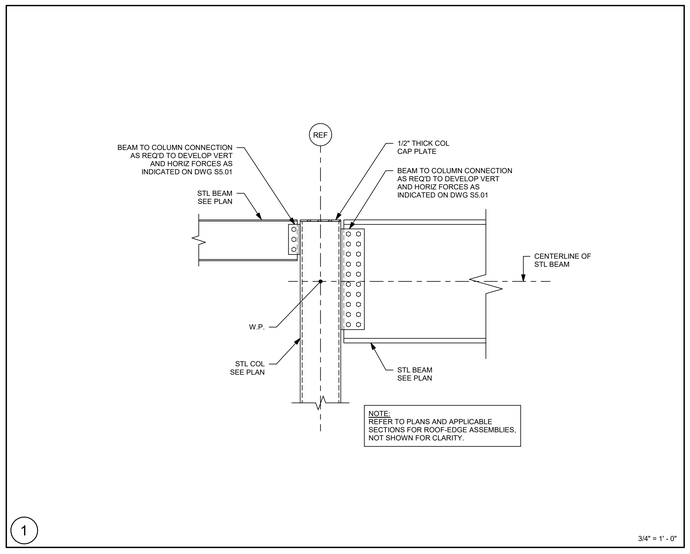
7.) ALL CONNECTIONS FOR THE TRUSS MEMBERS ARE TO CONFORM TO THE REQUIREMENTS FOR EXPOSED STEEL ON S0.01.

8.) ALL TRUSS MEMBERS ARE TO RECEIVE INTUMESCENT PAINT. MEMBERS ARE TO BE PREPPED AND HAVE PRIMER APPLIED.

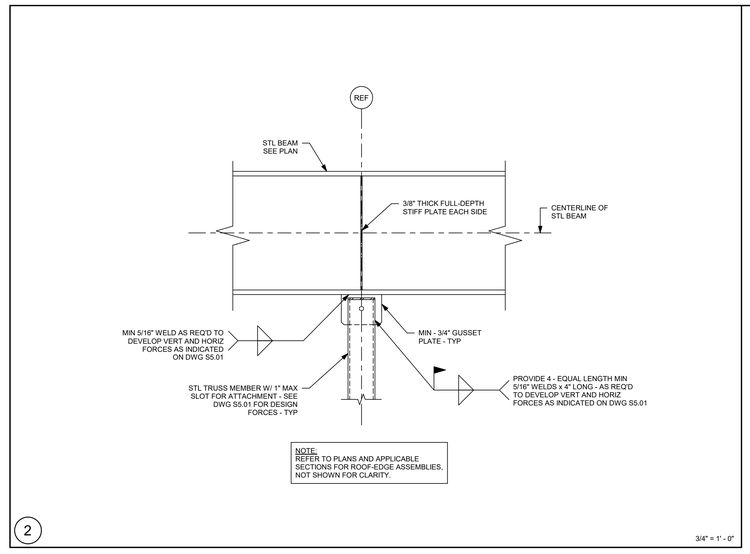
9.) REFER TO PLANS FOR BEAM AND COLUMN SIZES NOT SHOWN.

10.) REFER TO PLANS FOR APPLICABLE SECTIONS AT SLAB-EDGE AND/OR ROOF-EDGE CONDITIONS.

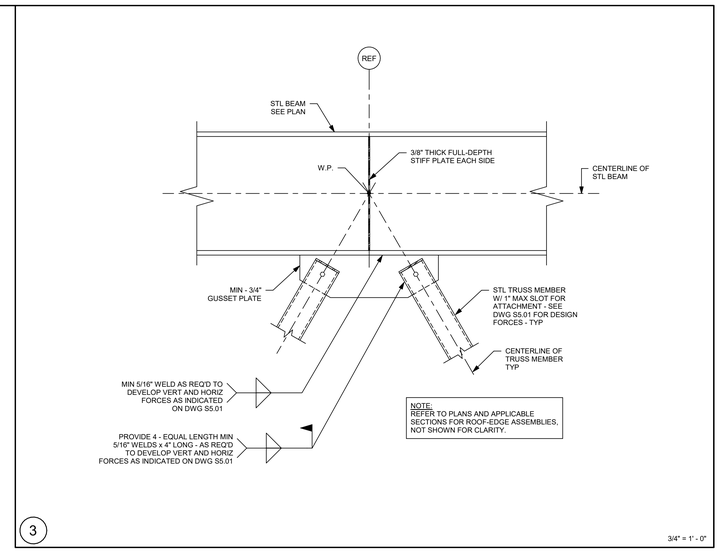
11.) REFER TO ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONS AND ELEVATIONS NOT SHOWN.



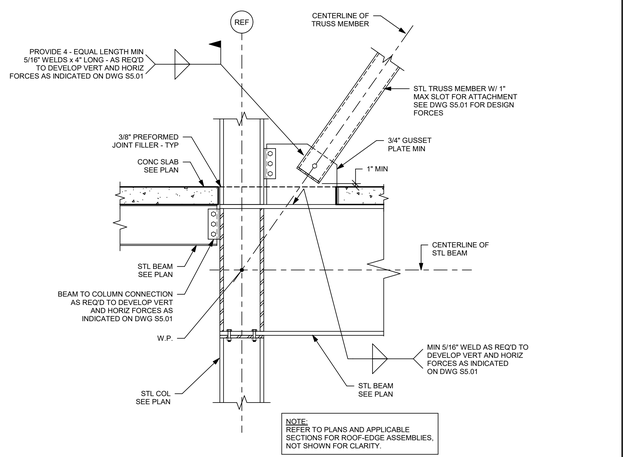
1 — 3/4" = 1' - 0"



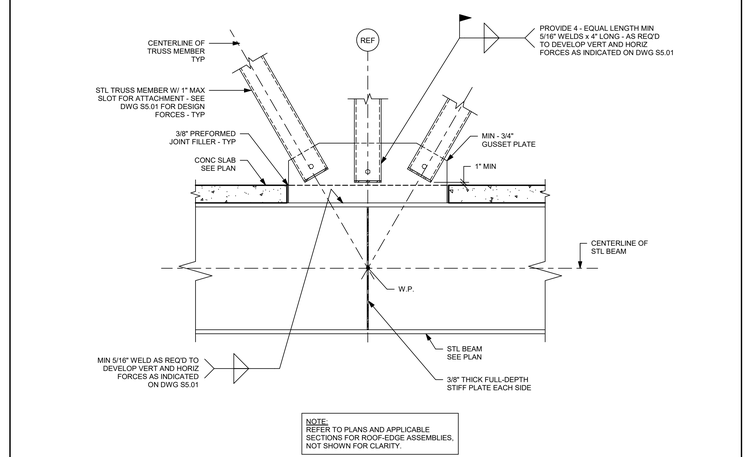
2 — 3/4" = 1' - 0"



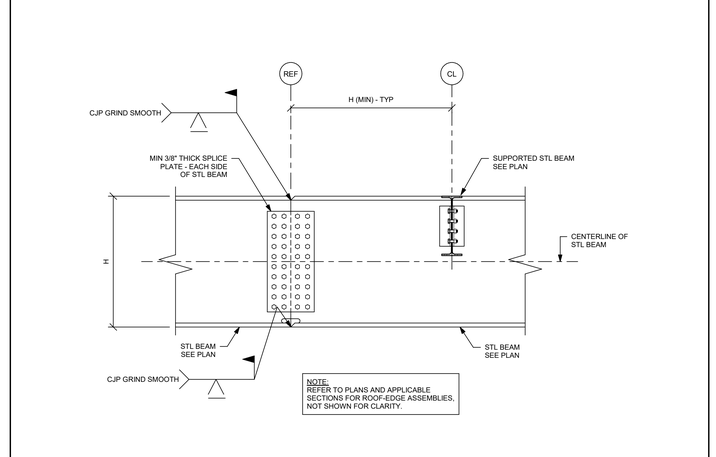
3 — 3/4" = 1' - 0"



4 — 3/4" = 1' - 0"



5 — 3/4" = 1' - 0"



6 — 3/4" = 1' - 0"

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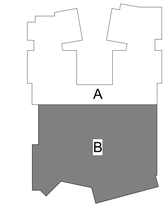
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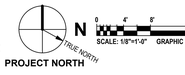
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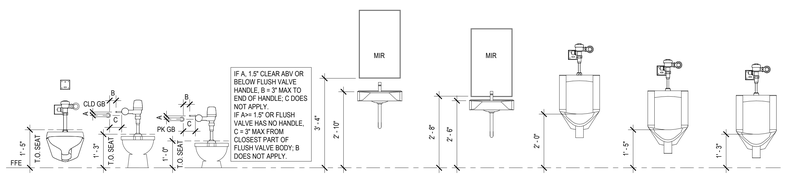
TRUSS ELEVATIONS AND DETAILS

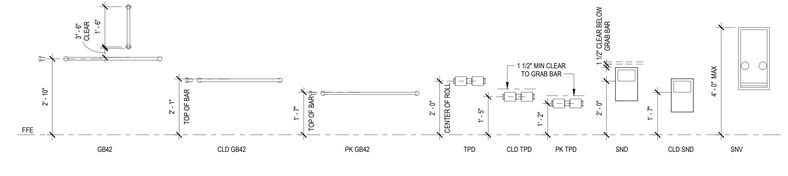
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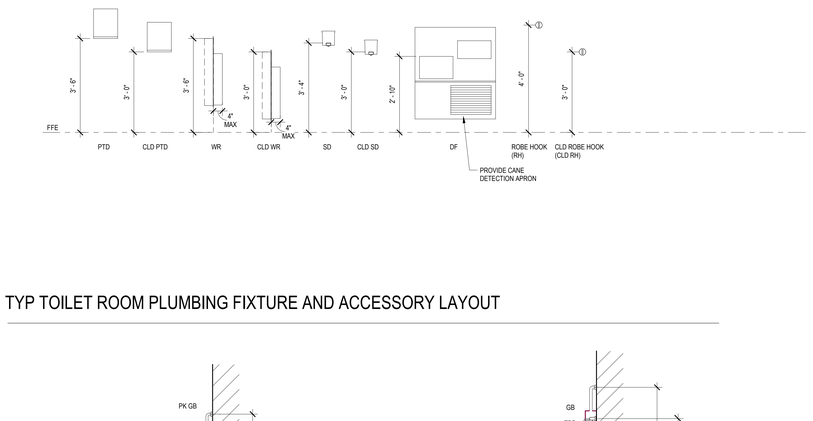
S5.01

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TYPICAL FIXTURE & ACCESSORY MOUNTING HEIGHTS







TYP TOILET ROOM PLUMBING FIXTURE AND ACCESSORY LAYOUT

TYP PK

TYPICAL PK WC & GB LOCATIONS
1/2" = 1'-0"

TYP TLT

TYPICAL WC & GB LOCATIONS
1/2" = 1'-0"

TYP CLD

TYPICAL CLD WC & GB LOCATIONS
1/2" = 1'-0"

2 TYPICAL TOILET PARTITION ELEVATION
1/2" = 1'-0"

ABBREVIATIONS

A
ABV ABOVE
AFF ABOVE FINISH FLOOR
AFG ABOVE FINISHED GRADE
AFS ABOVE FINISHED SLAB
ASC ABOVE SUSPENDED CEILING
ACS ACCESS(ORY)
ACS FLR ACCESSIBLE FLOOR
ACS PNL ACCESS PANEL
ACST ACOUSTICAL
ACP ACOUSTICAL CEILING PANEL
ACPL ACOUSTICAL PLASTER
ACT ACOUSTIC CEILING TILE
AWD ACOUSTIC CEMENTITIOUS WOOD FIBER PANELS
ACMU ACOUSTICAL CONCRETE MASONRY UNIT
AWP ACOUSTIC WALL PANEL
ADDM ADDENDUM
ADDN ADDITION
ADH ADHESIVE
ADJ ADJACENT
ADJT ADJUSTABLE
AGGR AGGRATE
AIB AIR INFILTRATION BARRIER
A/C AIR CONDITIONING
ALT ALTERNATE
ALUM ALUMINUM
ADA AMERICANS WITH DISABILITIES ACT
AB ANCHOR BOLT
AHR ANCHOR; ANCHORAGE
ANOD ANODIZED
APPROX APPROXIMATE
ARCH ARCHITECT(URAL)
AD AREA DRAIN
ASB ASBESTOS
ASPH ASPHALT
ACCMP ASPHALT COATED CORRUGATED METAL PIPE
AV AUDIOVISUAL
AUTO AUTOMATIC
AED AUTOMATIC EXTERNAL DEFIBRILATOR

B
BR BACKER ROD
BAR BARRIER
BB BASEBOARD
BSMT BASEMENT
BRG BEARING
BRG PL BEARING PLATE
BJT BED JOINT
BM BENCHMARK
BTWN BETWEEN
BEV BEVELED
BITUM BITUMINOUS
BLK BLOCK
BLKG BLOCKING
BLU BLUE STONE
BD BOARD
BLT BORROWED LITE
BS BOTH SIDES
BW BOTH WAYS
BOT BOTTOM
B/O BOTTOM OF
BOD BOTTOM OF DECK
BORA BOTTOM OF RELIEVING ANGLE
BOS BOTTOM OF STEEL
BRK BRICK
BRKS BRICK SHELF
BRZ BRONZE
BLDG BUILDING
BN BULLNOSE
BB BUTCHER BLOCK

C
CAB CABINET
CUH CABINET UNIT HEATER
CPT CARPET (ED)
CSMT CASEMENT
C CONC CAST CONCRETE
CIP CAST IN PLACE
CI CAST IRON
CS CAST STONE
CSMU CAST STONE MASONRY UNIT
CB CATCH BASIN
CLG CEILING
CLG HT CEILING HEIGHT
CEM CEMENT
C TO C CENTER TO CENTER
CL CENTER LINE
cm CENTIMETER (S)
CER CERAMIC
CT CERAMIC TILE
CH BD CHALKBOARD
CHFR CHAMFER
CHGTB CHANGING TABLE
CH CHEMICAL HARDENER
CLD CHILD
CIR CIRCLE
CRCMF CIRCUMFERENCE
CLRM CLASSROOM

C (CONT.)
CLR CLEAR (ANCE)
CLO CLOSET
CLOS CLOSURE
CFMF COLD FORMED METAL FRAMING
COL COLUMN
COMB COMBINATION
PTDWR COMBINATION PAPER TOWEL DISPENSER / WASTE RECEPTACLE
MBH COMBINATION UTILITY SHELF / MOP AND BROOM HOLDER
COMBST COMBUSTIBLE (COMBUSTION)
COMPT COMPARTMENT
CMPST COMPOSITION (COMPOSITE)
CRS COMPRESS (ED), (ION), (IBLE)
CMPTR COMPUTER
CONC CONCRETE
CUVM CONCRETE UNIT VENEER MASONRY
CMU CONCRETE MASONRY UNIT
CONF CONFERENCE
CONN CONNECTION
CONSTR CONSTRUCTION
CM CONSTRUCTION MANAGER
CONT CONTINUOUS OR CONTINUE
CONTR CONTRACT (OR)
CF CONTRACTOR FURNISHED
CF/CI CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
CF/OI CONTRACTOR FURNISHED / OWNER INSTALLED
CLL CONTRACT LIMIT LINE
CJ CONTROL JOINT
CVTR CONVECTOR
CU COPPER
CG CORNER GUARD
CORR CORRIDOR
CRG CORRUGATED
CMP CORRUGATED METAL PIPE
CNTR COUNTER
CFLG COUNTERFLASHING
CTSK COUNTERSUNK SCREW
CSK COUNTERSINK
CRS COURSE (S)
COV COVER
CRG CROSS GRAIN
CU FT CUBIC FOOT
CW CURTAINWALL

D
DMPR DAMPER
DMPF DAMPROOFING
DL DEAD LOAD
DFLCT DEFLECTION
DEMO DEMOLISH, DEMOLITION
DMT DEMOUNTABLE
DEP DEPRESSED
D DEPTH
DET DETAIL
DIAG DIAGONAL
DIA DIAMETER
DIM DIMENSION
DW DISHWASHER
DISP DISPENSER
DIV DIVISION
DR DOOR
DR OPNG DOOR OPENING
DH DOUBLE HUNG
DBL ACT DOUBLE ACTING
DTS DOVETAIL ANCHOR SLOT
DN DOWN
DS DOWNSPOUT
DT DRAIN TILE
DRB DRAINBOARD
DWR DRAWER
DWG DRAWING (S)
DF DRINKING FOUNTAIN
DWTR DUMBWAITER
DPW DIGITAL GRAPHIC WALL COVERING

E
EA EACH
EF EACH FACE
E EAST
EOD EDGE OF DECK
EOS EDGE OF SLAB
EOP EDGE OF PLATE
ED EDUCATION
ELEC ELECTRIC (AL)
EWC ELECTRIC WATER COOLER
EP ELECTRICAL PANEL
EL ELEVATION
ELEV ELEVATOR
EMER EMERGENCY
ESB ENCLOSED STEEL BEAM
ENCL ENCLOSURE
ENTR ENTRANCE
EPX EPOXY FLOORING

E (CONT.)
CNTR-EPEPOXY RESIN COUNTERTOP
EQ EQUAL
EQUIP EQUIPMENT
ESCAL ESCALATOR
EST ESTIMATE
ETC ET CETERA (AND SO FORTH)
EXC EXCAVATE
EXH EXHAUST
EXIST EXISTING
EXMP EXPANDED METAL PLATE
EXPN EXPANSION
EXP BT EXPANSION BOLT
EJ EXPANSION JOINT
EXP EXPOSED
EXT EXTERIOR
EFS EXTERIOR FINISH SYSTEM
EIFS EXTERIOR INSULATION FINISH SYSTEM
EXS EXTRA STRONG

F
FWC FABRIC WALL COVERING
FAB FABRICATE (ION)
FC BRK FACE BRICK
F/O FACE OF
FOC FACE OF CONCRETE
FOF FACE OF FINISH
FOM FACE OF MASONRY
FOW FACE OF WALL
F/F FACE TO FACE
FM FACTORY MUTUAL
FCU FAN COIL UNIT
FSTN FASTEN
FSTNR FASTENER
FN FENCE
FC FIBER CEMENT
FRP FIBER REINFORCED PLASTIC
FBD FIBERBOARD
FGL FIBERGLASS
FRP FIBERGLASS REINFORCED PLASTIC, FIBER REINFORCED POLYESTER
FIN FINISH (ED)
FF EL FINISHED FLOOR ELEVATION
FFL FINISH FLOOR LINE
FTR FINNED TUBE RADIATION
FA FIRE ALARM, FRESH AIR
FAP FIRE ANNUNCIATOR PANEL
F BRK FIRE BRICK
FE FIRE EXTINGUISHER
FE-K FIRE EXTINGUISHER, CLASS K WET CHEMICAL
FE&C FIRE EXTINGUISHER AND CABINET
FE&RC FIRE EXTINGUISHER AND RATED CABINET
FHC FIRE HOSE CABINET
FHS FIRE HOSE STATION
FPL FIREPLACE
FP FIRE PROOF (ING)
FPC FIRE PROTECTION SYSTEM CONTRACTOR
FR FIRE RATED (ING), FRAME (D), (ING)
FRC FIRE RESISTANT COATING
FR&S FIRE RESISTIVE JOINT SEALANT
FRT FIRE RETARDANT TREATED
FRTW FIRE RETARDANT TREATED WOOD
FVC FIRE VALVE CABINET
FIXT FIXTURE
FLMB FLAMMABLE
FLASH FLASHING
FHMS FLATHEAD MACHINE SCREW
FHWS FLATHEAD WOOD SCREW
FLEX FLEXIBLE
FKFL FLOCKED FLOORING
FLR FLOOR (ING)
FCO FLOOR CLEANOUT
FD FLOOR DRAIN
FLOUR FLUORESCENT
FSS FOLDING SHOWER SEAT
FT FOOT, FEET
FTG FOOTING
FRG FORGED
FDTN FOUNDATION
FR FRAME (D), (ING), FIRE RATED (ING)
FA FRESH AIR, FIRE ALARM
FS FULL SIZE
FURN FURNISHED, FURNITURE
FURN FURRED (ING)
FUT FUTURE

G
GA GAGE, GAUGE
GALV GALVANIZED
GI GALVANIZED IRON
GIP GALVANIZED IRON PIPE
GKT GASKET (ED)
GC GENERAL CONTRACT (OR)
GL BLK GLASS BLOCK
GLF GLASS FIBER

G (CONT.)
GFRP GLASS FIBER REINFORCED PLASTIC
GL GLASS GLAZING
GLT GLASS WALL TILE
GLZ CMU GLAZED CONCRETE MASONRY UNITS
GST GLAZED STRUCTURAL TILE
GB GRAB BAR
GRADE GRADE, GRADING
GRAN GRANITE
GCB GROUND FACE CONCRETE BLOCK
GT GROUT
GUT GUTTER
GYM GYMNASIUM
GYP GYPSUM
GPL GYPSUM LATH
GYP PLASGYPSUM PLASTER
GPT GYPSUM TILE
GYP BD GYPSUM BOARD

H
HD HAND DRYER (HAIR DRYER)
HC HOLLOW CORE
HDBD HARDBOARD
H&S HARDENER AND SEALER
HDW HARDWARE
HDWD HARDWOOD
HD JT HEAD JOINT
HDR HEADER
HGLR HEAT, GLARE, LIGHT REDUCING GLASS
HTG HEATING
HVAC HEATING/VENTILATION/AIR CONDITIONING
HT HEIGHT
HEX HEXAGONAL
H HIGH
HES HIGH EARLY-STRENGTH CEMENT
HS HIGH SCHOOL
HDC HOLD DOWN CLIPS
HLD HOLDERS
HC HOLLOW CORE, HANDICAPPED
HM HOLLOW METAL
HORIZ HORIZONTAL
HLB HORIZONTAL LOUVER BLINDS
HOSE BIBB
HR HOUR

I
IMPG IMPREGNATED
INCIN INCINERATOR
INCL INCLUDE (D), (ING)
ID INSIDE DIAMETER / INSIDE DIMENSION
ICS INSULATED COMPOSITE SIDING
INSF INSULATED FILL
IG INSULATED GLASS
INSUL INSULATE (D), (ION)
INT INTERIOR
INTM INTERMEDIATE
ISFP INTUMESCENT SPRAY-ON FIREPROOFING

INV INVERT
INV EL INVERT ELEVATION
IPS IRON PIPE SIZE

J
JAN JANITOR
JAN CLO JANITOR'S CLOSET
JNT JOINT
JNT BK JOINT BACKER
J JOIST

K
KPL KICKPLATE
KIT KITCHEN
KO KNOCKOUT

L
LBL LABEL
LAB LABORATORY
LAD LADDER
LB LAG BOLT
LAM LAMINATE (D)
LAV LAVATORY
LH LEFT HAND
L LENGTH
LT LIGHT
LT CTRL LIGHT CONTROL
LTG LIGHTING
LP LIGHTPROOF
LT WT LIGHT WEIGHT
LWC LIGHTWEIGHT CONCRETE
LMST LIMESTONE
LF LINEAR FEET
LIN LINOLEUM
LIN TILE LINOLEUM TILE
LINTEL
LL LIVE LOAD
LKR LOCKER
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LVR LOUVER
LPT LOW POINT

M
MACH MACHINE
MAG MAGNETIC
MDH MAGNETIC DOOR HOLDER
MH MANHOLE
MFR MANUFACTURE (R)
MRB MARBLE BASE
MRT MARBLE THRESHOLD
MRF MARBLE FLOOR
MB MARKER BOARD
MAS MASONRY
MO MASONRY OPENING
MATL MATERIAL (S)
MAX MAXIMUM
MECH MECHANICAL
MC MEDICINE CABINET
MED MEDIUM
MDF MEDIUM DENSITY FIBERBOARD
MDO MEDIUM DENSITY OVERLAY
MBR MEMBER
MEMB MEMBRANE
MTL METAL
MD METAL DECK
MTFR METAL FURRING
MTL PNL METAL PANEL
MRD METAL ROOF DECK
MT METAL THRESHOLD
MWS METAL WINDOW SYSTEM
m METER (S)
MEZZ MEZZANINE
MS MIDDLE SCHOOL
mm MILLIMETER (S)
MLWK MILLWORK
MIN MINIMUM
MIRR MIRROR
MISC MISCELLANEOUS
MOD MODULE
MRG MOISTURE RESISTANT GYPSUM WALLBOARD
MR MOISTURE RETARDANT
MLDG MOLDING, MOULDING
MOPB MOP HOLDER
MTD MOUNTED
MTG MOUNTING
MVBL MOVABLE
MULL MULLION
MCMF MULTI COLOR WALL FINISH

N
NL NAILABLE
NAT NATURAL
NR NOISE REDUCTION
NRC NOISE REDUCTION COEFFICIENT
NOM NOMINAL
NMT NONMETALLIC
N NORTH
NE NORTHEAST
NW NORTHWEST
NA NOT APPLICABLE
NIC NOT IN CONTRACT
NTS NOT TO SCALE
NO NUMBER

O
OBS OBSCURE
OFF OFFICE
OC ON CENTER (S)
OP OPAQUE
OPNG OPENING
OPP OPPOSITE
OPH OPPOSITE HAND
OSB ORIENTED STRAND BOARD
OZ OUNCE
OD OUTSIDE DIAMETER / OUTSIDE DIMENSIO
OA OVERALL
OVH OVERHEAD
OH DR OVERHEAD DOOR
OF/CI OWNER FURNISHED, CONTRACTOR INSTALLED
OF/OI OWNER FURNISHED, OWNER INSTALLED

P
PT PAINT (ED), POINT
PMTL PAINTED METAL
PT STL PAINTED STEEL
PR PAIR
PNL PANEL
PB PANIC BAR
PTD PAPER TOWEL DISPENSER
PTDWR (COMBINATION) PAPER TOWEL DISPENSER / WASTE RECEPTACLE
PAR PARALLEL
PRKG PARKING
PBD PARTICLE BOARD
PTN PARTITION
P&M PATCH AND MATCH
PV PAVE(D), (ING)

P (CONT.)
PERF PERFORATE (D)
PERIM PERIMETER
PERM PERMANENT
PERP PERPENDICULAR
PE PHYSICAL EDUCATION
PLAS PLASTER
PLAM PLASTIC LAMINATE
CNTR-PL PLASTIC LAMINATE COUNTER TOP
PL PLATE
PL GL PLATE GLASS
PLBG PLUMBING
PLYWD PLYWOOD
PT POINT, PAINT (ED)
PCMU POLISHED CONCRETE MASONRY UNIT
PISO POLYISOCYANURATE
PVC POLYVINYL CHLORIDE
PCF POUNDS PER CUBIC FOOT
PLF POUNDS PER LINEAR FOOT
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PAF POWDER ACTUATED FASTENER
PCC PRECAST CONCRETE
PREFAB PREFABRICATED
PREFIN PREFINISHED
PMF PREFINISHED METAL FASCIA
PREFMD PREFORMED
PMS PREFORMED METAL SIDING
PRE-K PRE-KINDERGARTEN
PPT PRESSURE PRESERVATIVE TREATED
PSC PRESTRESSED CONCRETE
PROJ PROJECT, PROJECTION
PL PROPERTY LINE

Q
QTY QUANTITY
QT QUARRY TILE

R
RAB RABBET(ED)
RAD RADIATOR
R RADIUS
RLG RAILING
RWL RAIN WATER LEADER
RBT REBATE
RECD RECEIVED
RECT RECTANGULAR
REF REFERENCE
RFL REFLECT (ED), (IVE), (OR)
RCP REFLECTED CEILING PLAN
REFG REFRIGERATOR
REG REGISTER
RENOV RENOVATION
REQD REQUIRED
RESIL RESILIENT
RB RESILIENT BASE
RAF RESILIENT athletic FLOORING
RF RESILIENT FLOORING
RET RETURN
RA RETURN AIR
RVS REVERSE (SIDE)
REV REVISION (S), REVISED
RH RIGHT HAND
ROW RIGHT OF WAY
R RISER
RVT RIVET
RB HK ROBE HOOK
RD ROOF DRAIN
RTU ROOF TOP UNIT
RF ROOFING
RM ROOM
RO ROUGH OPENING
RBR RUBBER
RFL RUBBER FLOORING
RST RUBBER STAIR TREAD, RISER & LANDING
RBL RUBBLE STONE

S
SFGL SAFETY GLASS
SND SANITARY NAPKIN DISPOSAL
SNV SANITARY NAPKIN VENDOR
SCHED SCHEDULE
STEM SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH
STEAM SCIENCE, TECHNOLOGY, ENGINEERING, ARTS, AND MATH
SCRN SCREEN
SLNT SEALANT
S&BR SEALANT AND BACKER ROD
SLR SEALER
SJT SEISMIC JOINT
SJC SEISMIC JOINT COVER
SHTHG SHEATHING
SHT GL SHEET GLASS
SHT LIN SHEET LINOLEUM
SV SHEET VINYL
SH SHELF, SHELVING
SHO SHORE, (D), (ING)

S (CONT.)
SC SHOWER CURTAIN ROD & CURTAIN
SGB SHOWER GRAB BAR
SIM SIMILAR
SIM OH SIMILAR / OPPOSITE HAND
SPMR SINGLE PLY MEMBRANE ROOF
SKLT SKYLIGHT
SLV SLEEVE
SD STORM DRAIN, SOAP DISPENSOR
SC SOLID CORE
SSM SOLID SURFACE MATERIAL
STC SOUND TRANSMISSION COEFFICIENT
S SOUTH
SE SOUTHEAST
SW SOUTHWEST
SPKR SPEAKER
SPCL SPECIAL
SPEC SPECIFICATION (S)
SPRAY SPRAY-APPLIED FIRE-RESISTIVE MATERIAL
SPNLR SPRINKLER
SQ SQUARE
SF SQUARE FEET
SS STAINLESS STEEL
CNTR-SS STAINLESS STEEL COUNTER TOP
STD STANDARD
SSR STANDING SEAM ROOFING
SDF STATIC DISSIPATIVE FLOORING
SDT STATIC DISSIPATIVE TILE
STA STATION
STL STEEL
STOR STORAGE
SD STORM DRAIN, SOAP DISH
SCT STRUCTURAL CLAY TILE
STRUCT STRUCTURE (AL)
SC-ACP SUBCONTRACTOR - ACOUSTIC CEILINGS
SC-ELECT SUBCONTRACTOR - ELECTRICAL
SC-ELEV SUBCONTRACTOR - ELEVATORS
SC-FPROT SUBCONTRACTOR - FIRE PROTECTION
SC-GLASS SUBCONTRACTOR - GLASS AND GLAZING
SC-HVAC SUBCONTRACTOR - HEATING, VENTILATING, AND AIR CONDITIONING
SC-PLAST SUBCONTRACTOR - LATH AND PLASTER
SC-STONE SUBCONTRACTOR - MARBLE AND STONE
SC-MASN SUBCONTRACTOR - MASONRY
SC-WIND SUBCONTRACTOR - METAL WINDOWS
SC-MTLS SUBCONTRACTOR - MISCELLANEOUS METALS
SC-PAINT SUBCONTRACTOR - PAINTING
SC-PLUMB SUBCONTRACTOR - PLUMBING
SC-RESFL SUBCONTRACTOR - RESILIENT FLOORING
SC-ROOF SUBCONTRACTOR - ROOFING, FLASHING, AND SHEET METAL
SC-TZZO SUBCONTRACTOR - TERRAZZO
SC-TILE SUBCONTRACTOR - TILE
SC-WDMC SUBCONTRACTOR - WATERPROOFING, DAMP-PROOFING, AND CAULKING
SUSP SUSPENDED
SYMM SYMMETRY (ICAL)
SYNTH SYNTHETIC
SYS SYSTEM

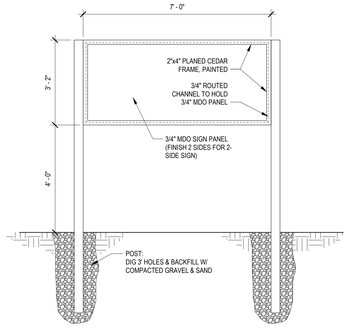
T
TB TACKBOARD
TKS TACK STRIP
TEL TELEPHONE
TV TELEVISION
TMPD TEMPERED
TEMP HDBD TEMPERED HARDBOARD
TERM TERMINAL
TC TERRA COTTA
TER TERRAZZO
TERB TERRAZZO PRECAST BASE
THK THICKNESS
THRES THRESHOLD
TRS TILE REDUCER STRIP
TPD TOILET PAPER DISPENSER
TPTN TOILET PARTITION
TOL TOLERANCE
T&G TONGUE AND GROOVE
TOB TOP OF BEAM
TO BRK TOP OF BRICK
TO BRKS TOP OF BRICK SHELF
TOW TOP OF CONCRETE WALL
TOD TOP OF DECK
TO FL TOP OF FLOOR
TOF TOP OF FOOTING
TO FDN TOP OF FOUNDATION
TO SLAB TOP OF SLAB
TO STL TOP OF STEEL
TOW TOP OF WALL
TWB TOWEL BAR
XFMR TRANSFORMER
TGS TRANSLUCENT GLAZING SYSTEM
T TREAD
TS TUBE STEEL
TYP TYPICAL

U
UC UNDERCUT
UNDLMT UNDERLAYMENT
UOD UNDERSIDE OF DECK
UOWD UNDERSIDE OF WOOD DECK
UL UNDERWRITERS LABORATORIES
UNFIN UNFINISHED
UV UNIT VENTILATOR
UNO UNLESS NOTED OTHERWISE
UR URINAL

V
VR VAPOR RETARDER
VR/AIB VAPOR RETARDER/ AIR INFILTRATION BARRIER
VNR VENEER
VIF VERIFY IN FIELD
VRM VERMICULITE
VERT VERTICAL
VEST VESTIBULE
VAT VINYL ASBESTOS TILE
VB VINYL BASE
VCT VINYL COMPOSITION TILE
VWC VINYL WALL COVERING
VIS PNL VISION PANEL
VJ V-JOINT

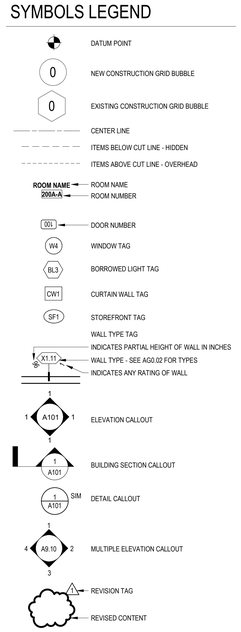
W
WSCT WAINSCOT
WC WALK OFF CARPET
WOM WALK OFF MAT
WOG WALK-OFF GRILLE (ALUMINUM)
WH WALL HUNG
WH WALL HYDRANT
WW WALL TO WALL
WR WASTE RECEPTACLE, WATER REPELLENT
WC WATER CLOSET
WP WATERPROOFING, WORKING POINT
WR WATER REPELLENT, WASTE RECEPTACLE
WS WEATHERSTRIP, (ING)
WWF WELDED WIRE FABRIC
W WEST, WIDE, WIDTH
WHB WHEEL BUMPER
W WIDE, WIDTH, WEST
WDW WINDOW
WS WINDOW SHADE
WGL WIRE GLASS
WM WIRE MESH
W/ WITH
WO WITHOUT
WD WOOD
WB WOOD BASE
X/P WORKING POINT, WATER PROOFING
XFMR TRANSFORMERI

PROJECT SIGN



NOTES
1. ALL FRAME POSTS SHALL BE 4" x 4" PLANED CEDAR , PAINTED.
2. THE MDO PANEL SHALL BE PRIMED AND PAINTED, BOTH SIDES.
3. SIGN SHALL BE CONSTRUCTED SO THAT THE PANEL FITS INTO THE ROUTED CHANNEL AND ALL FASTENERS ARE NOT VISIBLE.
4. FASTENERS SHALL NOT PENETRATE MDO PANEL.

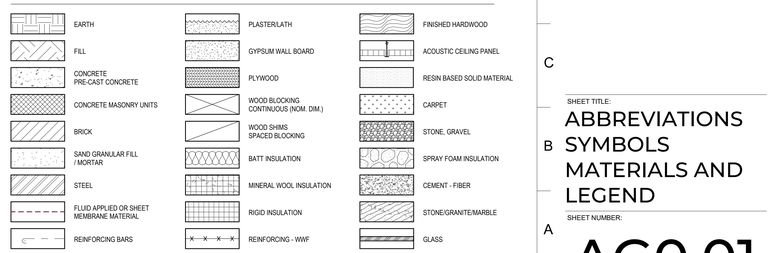
SYMBOLS LEGEND



GENERAL NOTES

1. ABBREVIATIONS ON THIS SHEET APPLY TO ARCHITECTURAL DRAWINGS ONLY. THE LIST OF ABBREVIATIONS IS COMPREHENSIVE AND NOT RESTRICTED TO THOSE USED FOR THIS PROJECT – NOT ALL ABBREVIATIONS WILL BE FOUND WITHIN THE DRAWINGS.
2. LEGEND SYMBOLS ON THIS SHEET APPLY TO ARCHITECTURAL DRAWINGS ONLY. THE SYMBOLS LEGEND IS COMPREHENSIVE AND NOT RESTRICTED TO THOSE USED FOR THIS PROJECT – NOT ALL SYMBOLS WILL BE FOUND WITHIN THE DRAWINGS.
3. REPRESENTATION OF MATERIALS PATTERNS IN DRAWINGS AND DETAILS MAY BE AT A DIFFERENT APPARENT SCALE THAN THE THOSE SHOWN ON THE MATERIALS LEGEND ON THIS SHEET.
4. CONTRACTORS REQUIRING SLEEVES, BOX-OUTS, CORED HOLES, ETC. IN FLOORS AND WALLS TO FACILITATE THE INSTALLATION OF THEIR WORK SHALL FULLY COORDINATE THE LOCATION AND REQUIREMENTS WITH THE CM/GC AND ALL PERTINENT AND RELATED TRADES.
5. THE CONTRACTOR REQUIRING SLEEVES OR BOX-OUTS SHALL PROVIDE THOSE DEVICES TO THE APPROPRIATE TRADE FOR INSTALLATION.
6. MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, TECHNOLOGY, SECURITY, AND OTHER SIMILAR CONTRACTORS SHALL FULLY COORDINATE THE LOCATION AND INSTALLATION OF EQUIPMENT, PIPING, SUPPORTS, HOUSEKEEPING CURBS, DRAINS, DUCTWORK, ETC. TO PROVIDE A COMPLETE AND OPERATIONAL BUILDING. THE DRAWINGS DO NOT DEPICT THE INSTALLATION OF SUCH ITEMS WITH EXACT LOCATION; THEREFORE THE CONTRACTORS SHALL PERFORM THIS COORDINATION, AND THE OWNER WILL NOT CONSIDER ANY ADDITIONAL COSTS RELATED TO THE FIELD CONFLICTS RESULTING FROM FAILURE OF THE CONTRACTORS TO COORDINATE THEIR WORK.
7. CONTRACTORS REQUIRING ACCESS DOORS AND CLEANOUTS IN THE FINISHED SPACES SHALL PROVIDE DEVICES AND COORDINATE THE LOCATION WITH ALL AFFECTED TRADES. ACCESS DOORS IN FINISHED CEILINGS AND WALLS SHALL BE DOCUMENTED IN DETAIL ON COORDINATION DRAWINGS AND SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO PLACEMENT.
8. ALL CONTRACTORS PROVIDING "BUILT-IN" ITEMS,(INCLUDING BUT NOT LIMITED TO EQUIPMENT, CASEWORK, MILLWORK, WINDOWS, STOREFRONT AND CURTAIN WALL ASSEMBLIES, DOORS, FIELD INSTALLED GLAZING) SHALL FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE THERMAL AND ACOUSTICAL REQUIREMENTS OF THE FLOOR AND ROOF CONSTRUCTION, WALLS AND PARTITIONS BY INSTALLING PROPER SEALS AND CLOSURES AT THE PERIMETER OF ALL OPENINGS.
10. LOCATION OF ALL FLOOR DRAINS AND TRENCH DRAINS MUST BE COORDINATED WITH EQUIPMENT LAYOUTS AND RELATED TRADES.
11. AT ALL EXPOSED CONCRETE WALLS PROVIDE 3/4" x 3/4" CHAMFER AT OUTSIDE CORNERS (HORIZONTAL AND VERTICAL), UNLESS NOTED OTHERWISE.
12. WALL VR/AIB SHALL BE CONTINUOUS AND SHALL BE SEALED AT ALL EDGES OF WALL AND PENETRATIONS. REFER TO SPECIFIC DETAILS FOR TERMINATIONS AT WINDOWS, DOORS, CURTAIN WALL, TOP AND BOTTOM OF WALL, ETC. REFER TO SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS FOR ITEMS NOT SPECIFICALLY DETAILED.
13. ALL CMU DIMENSIONS ARE TO THE FACE OF CMU. ALL METAL STUD PARTITION DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.

MATERIALS LEGEND



DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

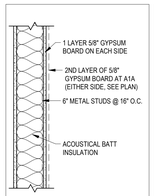
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KEY PLAN

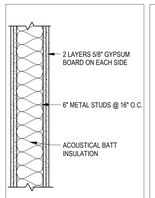
ORIENTATION AND SCALE:

SHEET TITLE:
ABBREVIATIONS SYMBOLS MATERIALS AND LEGEND

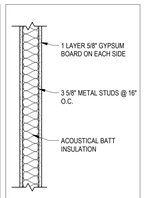
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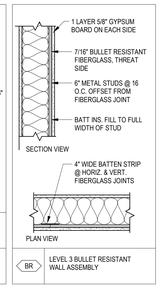
A	NON RATED
A1	1 HR RATED SEPARATION (UL U419, OR EQUAL)
A1A	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS W/ ACOUSTIC SEALANT. ADDITIONAL LAYER OF GYPSUM ON ONE SIDE



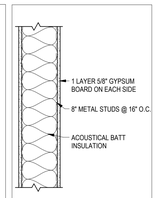
A2	2 HR RATED SEPARATION (UL U419, OR EQUAL)
A2A	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS W/ ACOUSTIC SEALANT



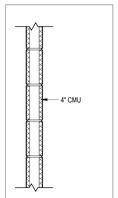
B	NON RATED
B1	1 HR RATED SEPARATION (UL U419, OR EQUAL)



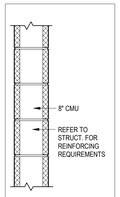
BR	LEVEL 3 BULLET RESISTANT WALL ASSEMBLY



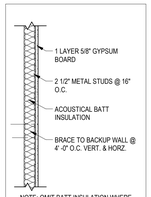
C	NON RATED
C1	1 HR RATED SEPARATION (UL U419, OR EQUAL)



D	NON RATED

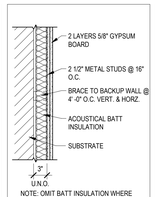


E	NON RATED
E1	1 HR RATED SEPARATION (NCMA 7-1A, ASTM E119)
E2	2 HR RATED SEPARATION (NCMA 7-1A, ASTM E119)
EA	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS W/ ACOUSTIC SEALANT



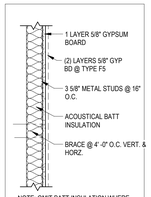
NOTE: OMIT BATT INSULATION WHERE FURRING IS ADJACENT AND PARALLEL TO EXTERIOR WALL THERMAL ENVELOPE UNLESS SPECIFICALLY INDICATED IN DETAILS

F	NON RATED FURRING PARTITION



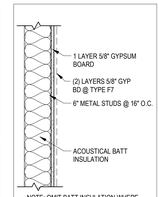
NOTE: OMIT BATT INSULATION WHERE FURRING IS ADJACENT AND PARALLEL TO EXTERIOR WALL THERMAL ENVELOPE UNLESS SPECIFICALLY INDICATED IN DETAILS

F2	FURRING PARTITION



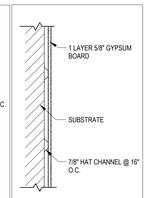
NOTE: OMIT BATT INSULATION WHERE FURRING IS ADJACENT AND PARALLEL TO EXTERIOR WALL THERMAL ENVELOPE UNLESS SPECIFICALLY INDICATED IN DETAILS

F4	(1) LAYER 5/8" GYP BD ONE SIDE
F4A	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS THROUGH GYP BD W/ ACOUSTIC SEALANT
F5	(2) LAYERS 5/8" GYP BD
F5A	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS THROUGH GYP BD W/ ACOUSTIC SEALANT

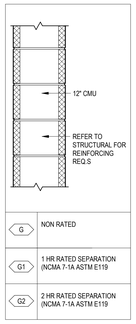


NOTE: OMIT BATT INSULATION WHERE FURRING IS ADJACENT AND PARALLEL TO EXTERIOR WALL THERMAL ENVELOPE UNLESS SPECIFICALLY INDICATED IN DETAILS

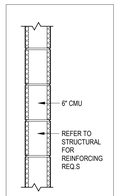
F6	NON RATED FURRING PARTITION
F6a	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS THROUGH GYP BD W/ ACOUSTIC SEALANT
F7	(2) LAYERS 5/8" GYP BD
F7a	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS THROUGH GYP BD W/ ACOUSTIC SEALANT



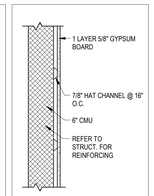
F8	



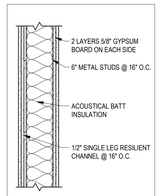
G	NON RATED
G1	1 HR RATED SEPARATION (NCMA 7-1A ASTM E119
G2	2 HR RATED SEPARATION (NCMA 7-1A ASTM E119



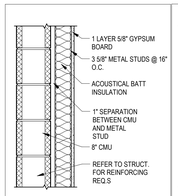
H	NON RATED
H1	1 HR RATED SEPARATION (NCMA 7-1A ASTM E119
H2	2 HR RATED SEPARATION (NCMA 7-1A ASTM E119
HA	NON-RATED ACOUSTIC BARRIER, SEAL TERMINATIONS & PENETRATIONS W/ ACOUSTIC SEALANT



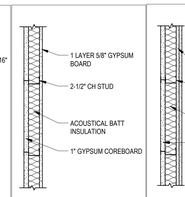
HF8	NON RATED



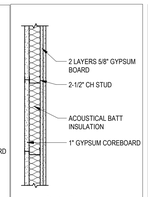
M	(2) LAYERS GYP BD, EACH SIDE
M1	1 HR RATED (UL U495)



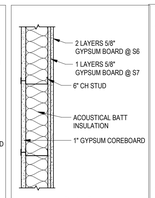
N	(1) LAYER GYP BD, ONE SIDE OVER 8" CMU
N1	(1) LAYER GYP BD, ONE SIDE OVER 8" CMU (1 HR RATED)



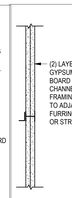
S1	2 1/2" SHAFTWALL STUD 1 HR RATED W/ (1) LAYER 5/8" GYP BD (UL U415 SYSTEM A)



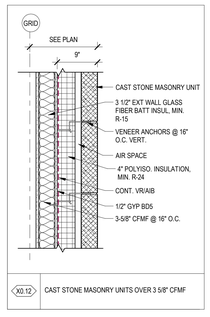
S2	2 1/2" SHAFTWALL STUD 2 HR RATED W/ (1) LAYER 5/8" GYP BD (UL U415 SYSTEM B)



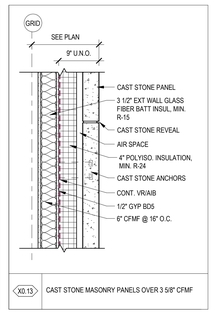
S6	2 HR RATED (UL U415 W/ 6" DEEP "C-H" STUD)
S7	1 HR RATED (UL U415 W/ 6" DEEP "C-H" STUD)



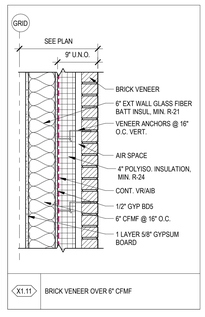
S10	2 HOUR RATED (UL U336)



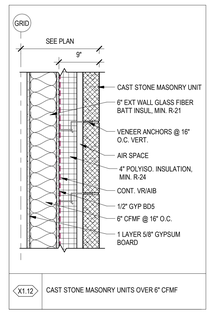
X0.12	CAST STONE MASONRY UNITS OVER 3 5/8" CFMF



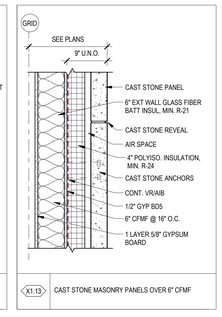
X0.13	CAST STONE MASONRY PANELS OVER 3 5/8" CFMF



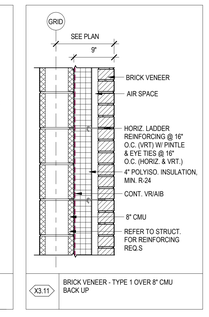
X1.11	BRICK VENEER OVER 6" CFMF



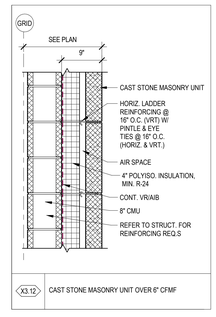
X1.12	CAST STONE MASONRY UNITS OVER 6" CFMF



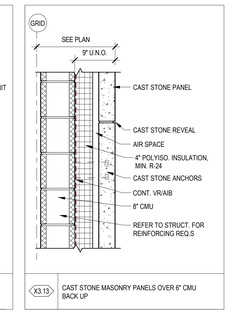
X1.13	CAST STONE MASONRY PANELS OVER 6" CFMF



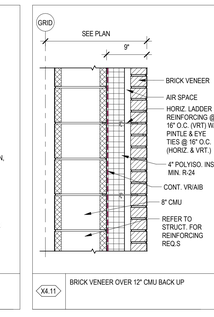
X3.11	BRICK VENEER - TYPE 1 OVER 8" CMU BACK UP



X3.12	CAST STONE MASONRY UNIT OVER 6" CFMF



X3.13	CAST STONE MASONRY PANELS OVER 8" CMU BACK UP



X4.11	BRICK VENEER OVER 12" CMU BACK UP

TYPICAL PARTITION GENERAL NOTES

1. ALL PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF THE METAL ROOF DECK OR FLOOR DECK ABOVE, UNLESS SPECIFICALLY INDICATED AS OTHERWISE ON DRAWINGS. REFER TO PARTITION TERMINATION DETAILS AT SHEET AG0.02.
2. ACOUSTIC INSULATION SHALL BE PROVIDED IN ALL NON-FIRE RATED PARTITIONS AS INDICATED BY PARTITION TYPES. INSULATION SHALL EXTEND MINIMUM 6 INCHES ABOVE THE HIGHEST ADJACENT CEILING. INSULATION IN FIRE RATED PARTITIONS SHALL BE PROVIDED PER THE U.L. ASSEMBLY DETAILS INDICATED.
3. PROVIDE CONTROL JOINTS IN GYPSUM WALL BOARD PARTITIONS AT 30 FEET MAXIMUM SPACING, WHETHER OR NOT THE DRAWINGS DEPICT CONTROL JOINTS. LOCATE JOINTS AT TOP CORNERS OF DOOR AND BORROWED LIGHT FRAMES TO THE GREATEST EXTENT POSSIBLE.
4. WHERE GYP BD CONTROL JOINTS OCCUR AWAY FROM DOOR OR BORROWED LIGHT FRAMES, JOINTS SHALL EXTEND THE FULL HEIGHT OF THE FRAMED WALL, WHETHER OR NOT CONCEALED BY SURFACE INSTALLED EQUIPMENT OR APPLIED TREATMENTS, OR CEILINGS.
5. PROVIDE FIRE RATED CONTROL JOINTS MATCHING THE REQUIRED RATING OF THE WALL ASSEMBLY AT FIRE RATED WALLS. REFER TO CONTROL JOINT DETAILS AT SHEET AG0.02.
6. PROVIDE MASONRY CONTROL JOINTS AT MAXIMUM 24 FOOT SPACING, AND WHERE INDICATED ON DRAWINGS. PROVIDE BRICK CONTROL JOINTS WITHIN 24 INCHES OF EACH OUTWARD CORNER OF EXTERIOR WALLS. AT INWARD CORNERS, PROVIDE CONTROL JOINTS AT THE CHANGE IN SURFACE PLANE ON THE "LEAST VISIBLE" SIDE OF THE CORNER.
7. THE INTEGRITY OF GYP BD FIRE RATED PARTITIONS SHALL BE MAINTAINED WHEREVER RECESSED EQUIPMENT, DEVICES, SPECIALTIES, OR OTHER COMPONENTS OF MORE THAN 20 SQUARE INCHES IN FACE AREA OF RECESS OR PENETRATION OCCURS. WHERE SUCH RECESSED EQUIPMENT DOES NOT FEATURE A FIRE RATED CABINET OR ENCLOSURE MATCHING THE FIRE RATING OF THE WALL BEING PENETRATED, THE RECESS SHALL BE LINED WITH LAYER(S) OF GYPSUM WALL BOARD TO PROVIDE AN EQUIVALENT FIRE RATING, THROUGHOUT THE RECESS, OR FIRESTOPPED WITH AN APPROVED ASSEMBLY SUITABLE TO THE PENETRATION SIZE, PENETRATING ITEM, AND REQUIRED RATING. THE CONTRACTOR RESPONSIBLE FOR THE RECESSED EQUIPMENT SHALL COORDINATE THE RECESS REQUIREMENTS, DEPTH, AND DETAILING OF THE OPENING WITH THE CM/GC TO CONFIRM THAT ADEQUATE WALL DEPTH EXISTS. FIRESTOPPING MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR REQUIRING THE PENETRATION PER THE REQUIREMENTS OF SECTION 07 84 00. IF A RATED CABINET IS NOT PROVIDED THE COST OF LINING THE RECESS WITH GYPSUM WALL BOARD OR PROVISION OF FIRESTOPPING SHALL BE PAID BY THE CONTRACTOR RESPONSIBLE FOR THE RECESSED EQUIPMENT.
8. LINTELS SHALL BE PROVIDED AT OPENINGS IN MASONRY PARTITIONS FOR DOORS, WINDOWS, LOUVERS, RECESSED EQUIPMENT INCLUDING, BUT NOT LIMITED TO UNIT HEATERS, CONVECTORS, FIRE HOSE CABINETS, TOILET ACCESSORIES, AND DUCTWORK PENETRATIONS THAT ARE OVER 8 INCHES WIDE. PROVIDE LOOSE STEEL LINTELS (FURNISHED BY SECTION 05 00 01 TO SECTION 04 00 01 FOR INSTALLATION) AT PENETRATIONS NOT EXPOSED TO VIEW OR IN CONCEALED SPACES. AT LOCATIONS WHERE MASONRY IS EXPOSED TO VIEW, PROVIDE UNIT MASONRY LINTELS UNLESS SPANS REQUIRE OTHERWISE. REFER TO STRUCTURAL DRAWINGS FOR MASONRY LINTEL AND LOOSE STEEL LINTEL SCHEDULES AND TYPICAL DETAIL REQUIREMENTS.
9. ALL EXPOSED VERTICAL CORNERS OF CONCRETE MASONRY UNITS SHALL FEATURE RADIUS CORNER BLOCK, UNLESS SPECIFICALLY INDICATED AS SQUARE OR OTHERWISE IN DETAILS.
10. FIRE RESISTANCE RATING FOR MASONRY WALLS SHALL BE ACHIEVED BY ONE OF THE FOLLOWING METHODS, WHICH SHALL BE AT THE CONTRACTOR'S OPTION. THE CONTRACTOR SHALL DOCUMENT WHICH COMPLIANCE METHOD IS PROPOSED AS PART OF THE PRODUCT SUBMITTALS:
    a. USE OF MASONRY UNITS IN THICKNESS INDICATED, BEARING U.L. TESTING APPROVAL (AS A STAND-ALONE SYSTEM WITHOUT APPLIED FINISHES) FOR THE RATINGS INDICATED.
    b. USE OF MASONRY UNITS IN THICKNESS INDICATED, OF COMPOSITION, DENSITY, AND FACE THICKNESS TO MEET THE REQUIREMENTS OF TABLE 721.3.2 "MINIMUM EQUIVALENT THICKNESS OF BEARING OR NONBEARING CONCRETE MASONRY WALLS" OF THE MA STATE BUILDING CODE (IBC), BASED ON THE EQUIVALENT THICKNESS OF THE HOLLOW, NON-GROUT FILLED UNITS DETERMINED IN ACCORDANCE WITH ASTM C140.
    c. USE OF MASONRY UNITS IN SIZES INDICATED, WITH AIR SPACES AND CELLS WITHIN BLOCK FILLED SOLID WITH SAND, PEA-STONE, CRUSHED STONE, SLAG, OR OTHER MATERIALS AS DESCRIBED IN SECTION 721.3.1.4, MEETING THE ASTM TESTS DESCRIBED THEREIN, SUCH THAT THE TOTAL THICKNESS OF THE MASONRY UNITS MEETS THE EQUIVALENT THICKNESS REQUIREMENTS LISTED IN TABLE 721.3.2 OF THE MA STATE BUILDING CODE (IBC) FOR THE BLOCK COMPOSITION AND AGGREGATES PROPOSED FOR USE BY THE CONTRACTOR.
    d. USE OF MASONRY UNITS IN THICKNESS INDICATED, WITH ALL AIR SPACES AND CORES GROUTED SOLID, SUCH THAT THE TOTAL THICKNESS OF THE MASONRY UNITS MEETS THE EQUIVALENT THICKNESS REQUIREMENTS LISTED IN TABLE 721.3.2 OF THE MA STATE BUILDING CODE (IBC) FOR THE BLOCK COMPOSITION AND AGGREGATES PROPOSED FOR USE BY THE CONTRACTOR.
11. ALL FIRE RATED PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE, WITH ALL GAPS AND DECK FLUTES AT TOPS OF WALLS FILLED WITH FIRE RESISTANT JOINT SEALANTS (FRJS).
    a. FRJS1 – PACKING MATERIAL: MINIMUM 4.0 PCF MINERAL WOOL INSULATION, IN THICKNESS 1 INCH LESS THAN OVERALL WALL THICKNESS OR AS REQUIRED BY THE SELECTED U.L. ASSEMBLY SUITABLE TO THE WALL TYPE AND REQUIRED RATING (WHICHEVER IS GREATER). TIGHTLY PACK MINERAL WOOL INTO FLUTES OF STEEL DECKING AND GAP AT TOP OF WALL TO FILL GAPS COMPLETELY AND FORM A PERMANENT FORM TO SERVE AS BACKING FOR FRJS2.
    b. FRJS2: FIRESTOPPING SEALANT: MINIMUM 1/2" THICK MATERIAL INSTALLED ON EACH SIDE OF JOINT TO COVER FRJS1 COMPLETELY AND SPAN BUILDING JOINT, WITH SURFACE OF SEALANT FLUSH WITH SURFACE OF WALL. WHERE EXPOSED TO VIEW FIRESTOPPING SEALANT SHALL BE PAINTABLE AND INSTALLATION SHALL BE SUITABLE FOR EXPOSURE TO VIEW IN FINISHED SPACES.
    c. SELECTION OF PROPRIETARY MATERIALS AND U.L. APPROVED ASSEMBLIES APPROPRIATE TO REQUIRED RATINGS AND CONSTRUCTION IS AT THE CONTRACTOR'S OPTION, HOWEVER **ALL FIRESTOPPING MATERIALS FOR THE PROJECT SHALL BE PROVIDED FROM THE SAME MANUFACTURER REGARDLESS OF WHICH TRADE OWNS THE FIRESTOPPING WORK**. THE CM/GC SHALL BE RESPONSIBLE FOR COORDINATING THIS REQUIREMENT WITH ALL TRADES.
12. ALL GAPS AT BUILDING JOINTS AND THROUGH PENETRATIONS AT WALLS THAT ARE INDICATED AS "SMOKE RATED" SHALL BE FILLED WITH FRJS #1 AND SEALED ON ONE SIDE WITH FRJS #2 AS DEFINED ABOVE, SUCH THAT GAPS ARE SEALED TO PREVENT THE PASSAGE OF SMOKE.
13. ALL GAPS AT BUILDING JOINTS AND THROUGH-PENETRATIONS OF NON-FIRE RATED WALLS SHALL BE SEALED TO REDUCE NOISE TRANSFER. AT CONTRACTOR'S OPTION, PROVIDE ACOUSTIC FOAM INSULATION PER SECTION 07 21 19, OR PACK CONTINUOUS MINERAL WOOL INSULATION TO FILL GAPS TO FULL THICKNESS OF WALL.

TYPICAL PARTITION NOTES

1/8" = 1'-0"

BACK-UP WALL CONSTRUCTION
- X0 3 5/8" CFMF
- X1 6" CFMF
- X2 8" CFMF
- X3 8" CMU
- X4 12" CMU
- X5 10" CFMF

X2.11

CLADDING GROUP
1. MASONRY VENEER
2. METAL PANEL VENEER / CLADDING
3. CEMENT-FIBER SYSTEMS
4. METAL SIDING

CLADDING TYPE
SEE WALL TYPES FOR CLADDING
SEE ELEVATIONS FOR COLOR & PATTERN

EXTERIOR WALL TYPE NUMBERING SYSTEM

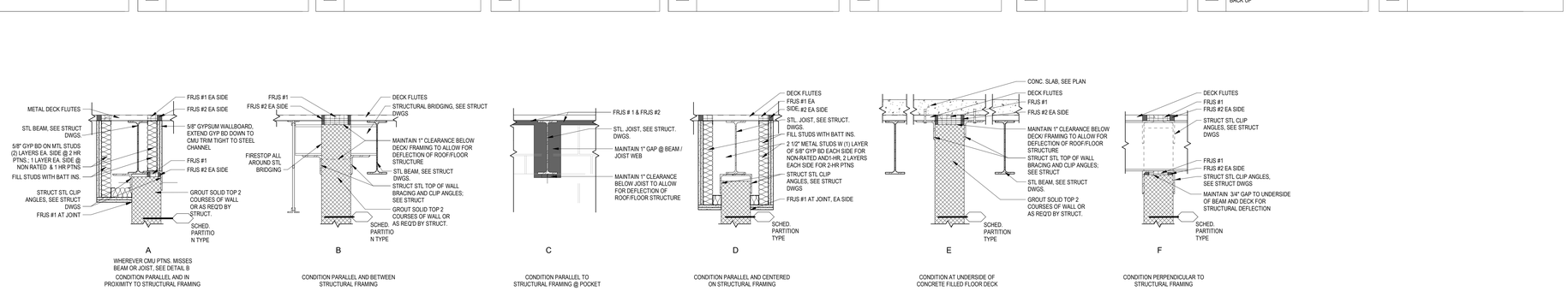
1/8" = 1'-0"

GYPSUM WALL BOARD SCHEDULE

1. WHERE METAL STUD AND GYPSUM WALL BOARD PARTITIONS ARE INDICATED ON THE DRAWINGS USE THE FOLLOWING TABLE IN CONJUNCTION WITH THE ROOM FINISH SCHEDULE TO DETERMINE THE TYPE OF GYPSUM WALL BOARD REQUIRED

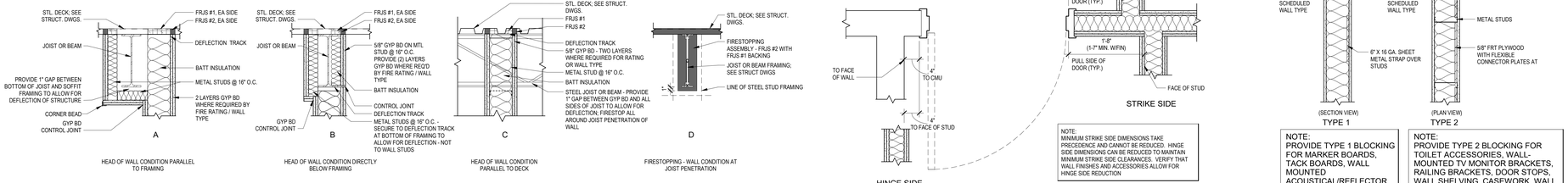
GYP BD1	ABUSE RESISTANCE	USE ON VERTICAL SURFACES BELOW 10 FEET UNLESS NOTED OTHERWISE
GYP BD2	NON REINFORCED	USE ON VERTICAL SURFACES ABOVE 10 FEET TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE
GYP BD3	MOLD AND ABUSE RESISTANT	USE IN ALL TOILET ROOMS, LOCKER ROOMS, KITCHENS AND OTHER AREAS WHICH ARE SUBJECT TO MOISTURE* (VERTICAL AND HORIZONTAL)
GYP BD4	IMPACT RESISTANT	USE ON VERTICAL SURFACES UP TO 10 FEET ABOVE FLOOR IN CIRCULATION AND COMMON USE AREAS (INCLUDING BUT NOT LIMITED TO CORRIDORS, AUDITORIUMS CAFETERIAS, GYMNASIUMS)
GYP BD5	EXTERIOR GYPSUM SHEATHING	USE ON ALL EXTERIOR WALLS WITH COLD FORMED METAL FRAMING BACK-UP
GYP BD6	INTERIOR CEILING BOARD	USE ON ALL INTERIOR GYP-BD CEILINGS, UNLESS THE LOCATION REQUIRES GYP BD3 DUE TO MOISTURE
GYP BD7	(NOT USED)	-
GYP BD8	CEMENTITIOUS BOARD	USE ON ALL SURFACES TO RECEIVE TILE (WET OR DRY)
GYP BD9	FLEXIBLE	USE IN AREAS THAT REQUIRE CURVED WALLS OR SOFFITS, ETC.
?	SHAFTWALL AND COREBOARD	?

*MODERATE AND HIGH MOISTURE AREAS SHALL BE AS DEFINED BY THE GYP BD MANUFACTURER FOR EACH TYPE OF BOARD. COORDINATE WITH MANUFACTURERS RECOMMENDED USES AND/OR MOISTURE LIMITATIONS.



4 TYPICAL TOP OF RATED CMU PARTITION DETAILS

1" = 1'-0"



1 TYPICAL TOP OF RATED STUD PARTITION DETAILS

1" = 1'-0"

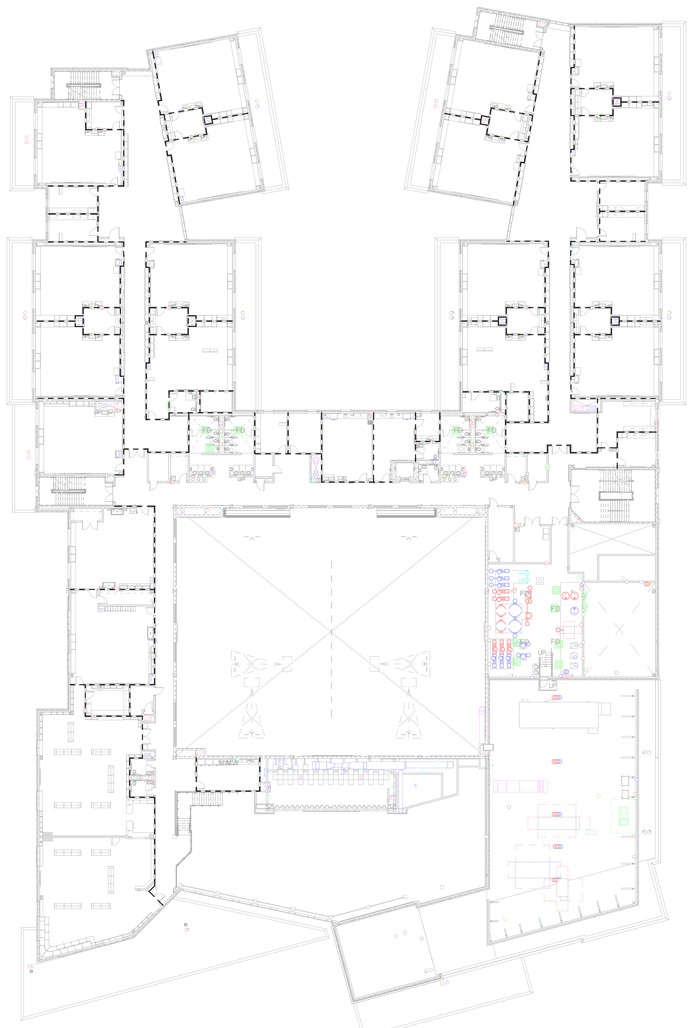
TO FACE OF WALL
6" TO CMU
4" TO FACE OF STUD
HINGE SIDE
1'-2"

ACOUSTICAL SEPARATION NOTES

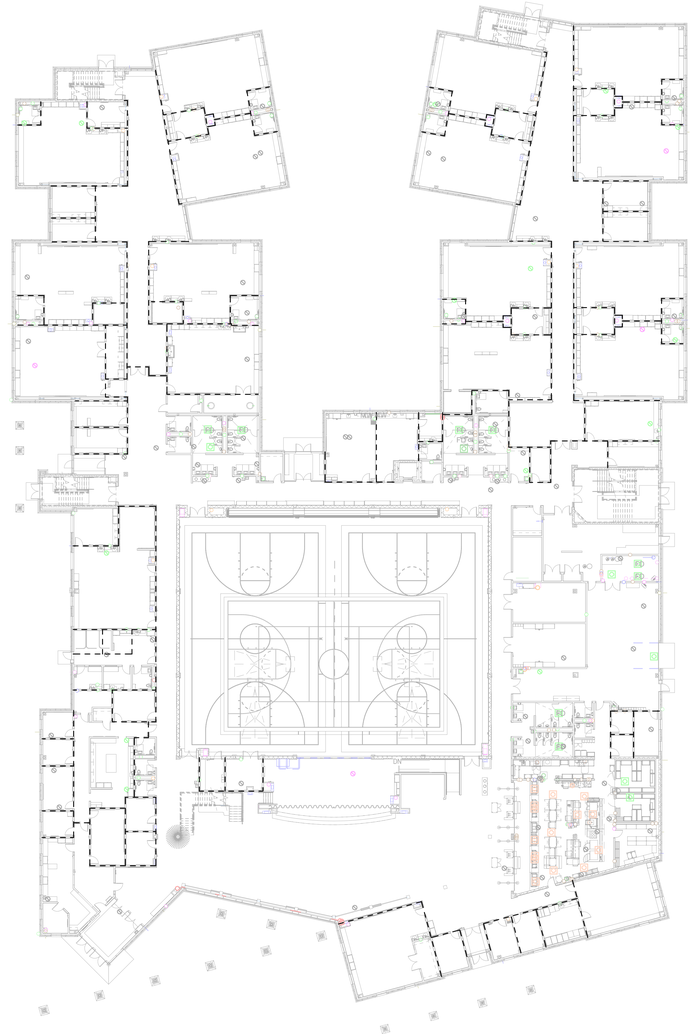
1. DASHED LINE IN PLAN REPRESENTS ACOUSTICAL SEPARATION FOR ACOUSTICAL PARTITION LOCATIONS.
2. AT ALL ACOUSTIC SEPARATION WALLS, ALL JOINTS IN CONSTRUCTION AND ALL PENETRATIONS SHALL BE SEALED AT EACH SIDE OF WALL WITH ACOUSTIC SEALANT.
3. PROVIDE BACKING MATERIAL TO SUPPORT SEALANT WHERE REQUIRED.
4. FIRE-STOPPING SHALL BE PROVIDED IN LIEU OF ACOUSTICAL SEALANT WHERE REQ. BY THE CODE PLAN.



P20 LEVEL 3 ACOUSTICAL SEPARATION DIAGRAMS
3/64" = 1'-0"



A20 LEVEL 2 ACOUSTICAL SEPARATION DIAGRAMS
3/64" = 1'-0"



A10 LEVEL 1 ACOUSTICAL SEPARATION DIAGRAM
3/64" = 1'-0"

DORE + WHITTIER

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260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

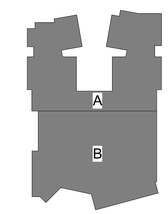
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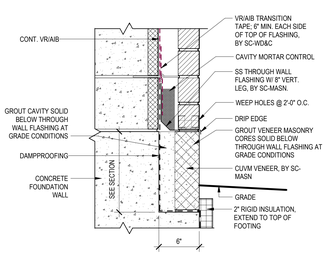
N TRUE NORTH
PROJECT NORTH

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SCALE: 3/64"=1'-0" GRAPHIC SCALE

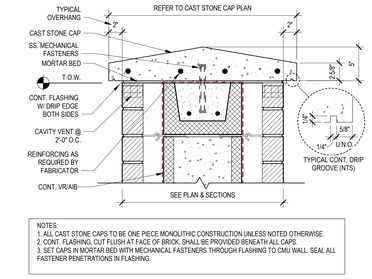
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LEVEL 1, 2 AND 3 ACOUSTICAL SEPARATION DIAGRAMS

SHEET NUMBER:
AG0.03

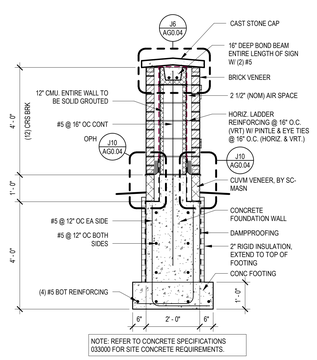
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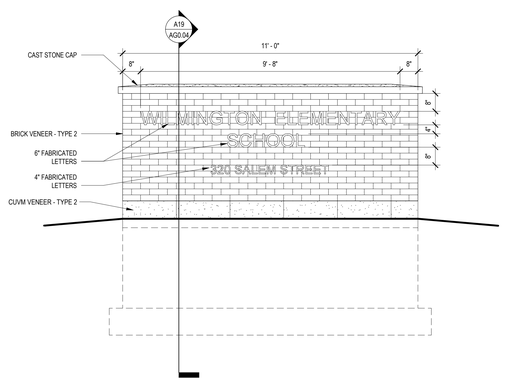
J10 SITE IDENTIFICATION SIGN - BASE OF WALL DETAIL
1 1/2" = 1'-0"



J6 SITE IDENTIFICATION SIGN - CAST STONE CAP
1 1/2" = 1'-0"

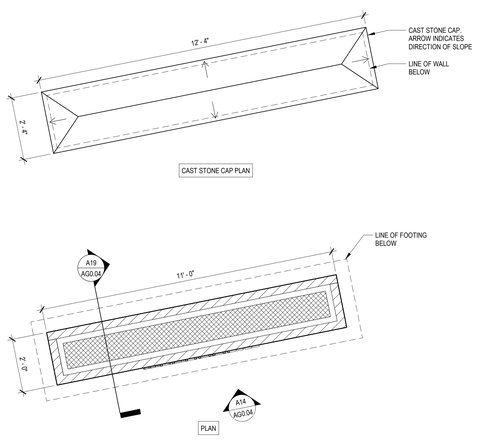


A19 SITE IDENTIFICATION SIGN - SECTION
1/2" = 1'-0"



TWO SIDED SITE ENTRY SIGN WITH TEXT ON EACH SIDE.
REFER TO LANDSCAPE DRAWINGS FOR LOCATIONS.

A14 SITE IDENTIFICATION SIGN - ELEVATION
1/2" = 1'-0"



A7 SITE IDENTIFICATION SIGN - PLAN
1/2" = 1'-0"

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VERMONT
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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

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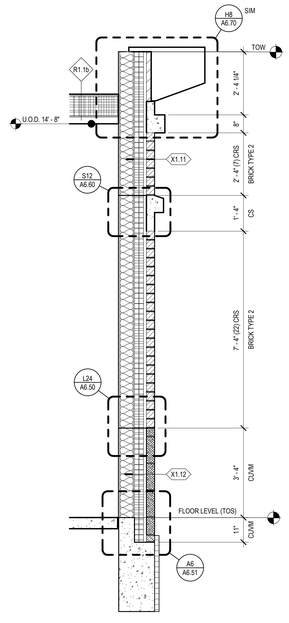
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KEY PLAN

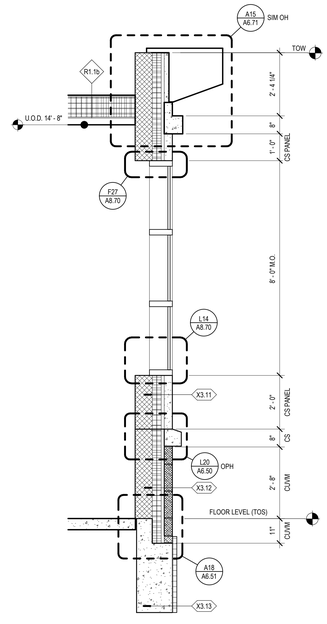
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SHEET TITLE:
ENTRY SIGN PLAN, ELEVATIONS, SECTIONS, DETAILS

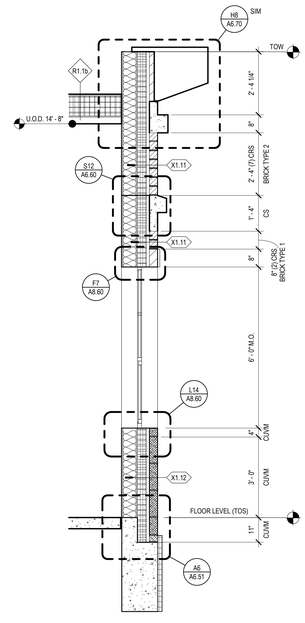
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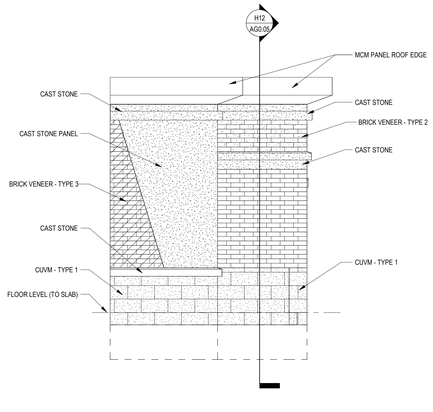
H12 CONSTRUCTION MOCKUP - SECTION
1/2" = 1'-0"



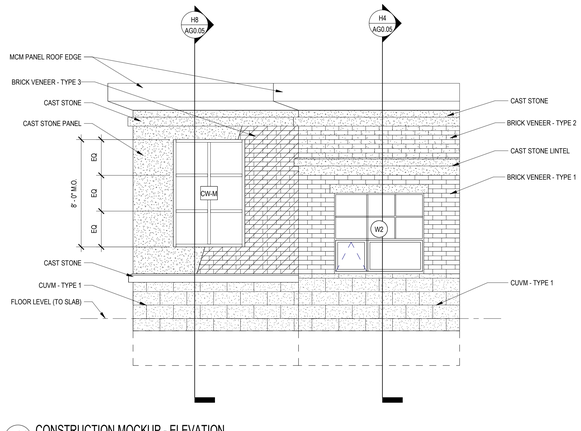
H8 CONSTRUCTION MOCKUP - SECTION
1/2" = 1'-0"



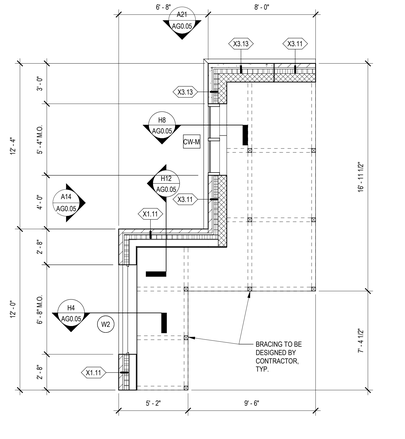
H4 CONSTRUCTION MOCKUP - SECTION
1/2" = 1'-0"



A21 CONSTRUCTION MOCKUP - ELEVATION
1/4" = 1'-0"



A14 CONSTRUCTION MOCKUP - ELEVATION
1/4" = 1'-0"



A6 CONSTRUCTION MOCKUP - PLAN
1/4" = 1'-0"

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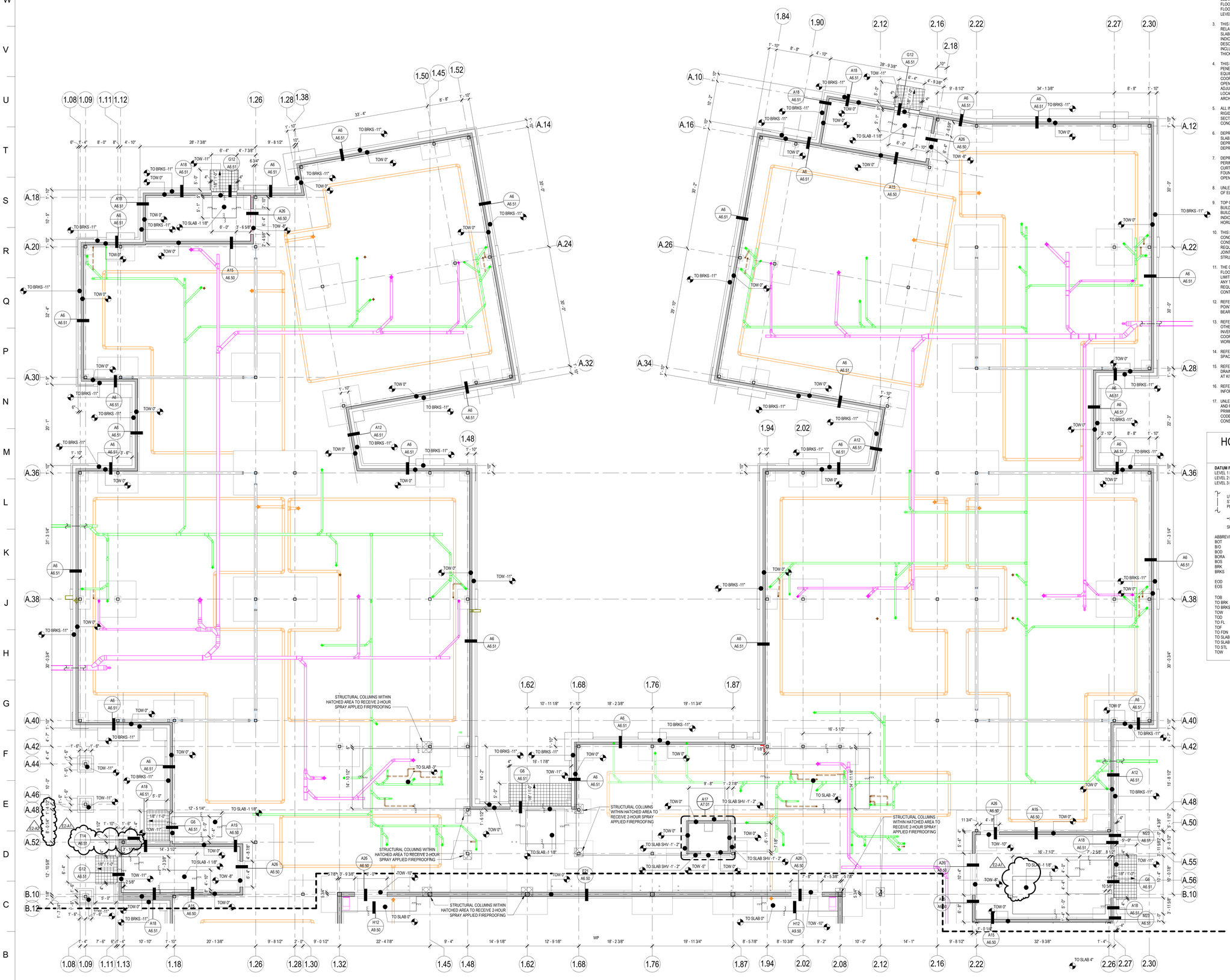
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KEY PLAN

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CONSTRUCTION MOCKUP

SHEET NUMBER:
AG0.05



HORIZONTAL CONTROL GENERAL NOTES

1. THE MAIN FLOOR DATUM ELEVATION OF 0'-0" EQUATES TO THE ELEVATION OF 96.5 FEET AS REFERENCED ON THE CIVIL / SURVEY DRAWINGS. ALL OTHER DATUM ELEVATIONS PROVIDED ARE RELATIVE THE 0'-0" DATUM OF LEVEL 1.
2. ELEVATION 0'-0" AT LEVEL 1 IS INTENDED TO MATCH THE FINISHED FLOOR ELEVATION AT THE EXISTING BUILDING. THE CONTRACTOR SHALL VERIFY ALL FLOOR ELEVATION TRANSITIONS FROM NEW TO EXISTING FLOOR SLABS SO THAT FLOOR TRANSITIONS ARE FLUSH AND LEVEL. ANY DISCREPANCIES IN FLOOR LEVEL DATUM ELEVATION SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT.
3. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL COORDINATION INFORMATION RELATED TO CONCRETE FOUNDATION WALLS, SLABS ON GRADE, ELEVATED SLABS, SPECIAL SLAB EDGE CONDITIONS, AND OTHER INFORMATION AS INDICATED IN THE DRAWING. REFER TO STRUCTURAL DRAWINGS FOR DESCRIPTION OF CONSTRUCTION OF CONCRETE WORK AND STRUCTURAL STEEL, INCLUDING REINFORCING REQUIREMENTS, FOOTING DESIGN, FOUNDATION WALL THICKNESS, COLUMN BASE PLATE AND PIER SIZES, ETC.
4. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL DATA FOR MAJOR FLOOR SLAB PENETRATIONS FOR DUCTWORK AND SHAFTS BASED ON THE BASIS OF DESIGN EQUIPMENT AND PIPING AND DUCT ARRANGEMENTS. THE CONTRACTOR SHALL COORDINATE SUCH OPENINGS WITH ALL RELEVANT TRADES AND ADJUST OPENING DIMENSIONS AND LOCATIONS IF REQUIRED BY TRADES FOR FIT. ANY ADJUSTMENTS TO OPENINGS THAT AFFECT ARCHITECTURAL ENCLOSING WALL LOCATIONS SHALL BE SUBMITTED WITH COORDINATION DRAWINGS TO THE ARCHITECT FOR REVIEW.
5. ALL INTERIOR FLOOR SLAB-ON-GRADE ASSEMBLIES SHALL FEATURE 2 INCHES OF RIGID INSULATION AND SHEET VAPOR RETARDER THROUGHOUT, AS INDICATED IN SECTION DETAILS. VAPOR RETARDER TO BE PROVIDED AND INSTALLED BY CONCRETE SUBCONTRACTOR.
6. DEPRESSED SLAB ELEVATIONS ARE INDICATED TO THE TOP OF STRUCTURAL SLAB. REFER TO STRUCTURAL DRAWINGS FOR DETAILS ASSOCIATED WITH DEPRESSED SLAB THICKNESS, REINFORCING, AND TRANSITIONS TO NON-DEPRESSED SLAB AREAS.
7. DEPRESS TOP OF FOUNDATION WALL 8 INCHES AT ALL OPENINGS AT BUILDING PERIMETER FOUNDATION WALLS, INCLUDING DOOR AND SIDELIGHT OPENINGS OF CURTAIN-WALL, STOREFRONT, OR HOLLOW METAL CONSTRUCTION. DEPRESSED FOUNDATION WALL SHALL MATCH WIDTH OF MASONRY OPENING OR WIDTH OF OPENING ASSEMBLY (INCLUDING SIDELIGHTS).
8. UNLESS INDICATED OTHERWISE, THE OFFSET FROM COLUMN GRID LINE TO EDGE OF ELEVATED SLAB ON METAL DECK AT THE BUILDING PERIMETER SHALL BE 0'-8".
9. TOP OF CONCRETE AT FROST PADS AT EXTERIOR DOOR OPENINGS SHALL MATCH BUILDING FLOOR SLAB ELEVATION AND PADS SHALL BE SLOPED AWAY FROM THE BUILDING FOUNDATION WALLS FOR POSITIVE DRAINAGE. SLOPE SHALL BE AS INDICATED, OR IF NO SLOPE IS INDICATED SHALL BE 1 UNIT VERTICAL IN 50 UNITS HORIZONTAL.
10. THIS PLAN DOES NOT NECESSARILY INDICATE LOCATION OF CONTROL JOINTS IN CONCRETE SLABS FOR CRACK CONTROL OR COLD JOINTS BETWEEN POURS. CONSULT STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONTROL JOINT REQUIREMENTS AND SLAB CUTTING LOCATIONS FOR CRACK CONTROL. COLD JOINT LOCATIONS BETWEEN POURS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER.
11. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF CORED OR SLEEVED FLOOR PENETRATIONS NOT SHOWN HEREIN FOR ITEMS INCLUDING, BUT NOT LIMITED TO: ROOF DRAINS, ELECTRICAL CONDUIT, PIPE RISERS OR DROPS FOR ANY TRADE. SUCH CORED OPENINGS SHALL BE LOCATED BY THE TRADE REQUIRING THE PENETRATION AND SHALL BE COORDINATED BY THE CONTRACTOR TO FIT WITHIN ENCLOSING WALLS AS INDICATED IN DRAWINGS.
12. REFER TO STRUCTURAL DRAWINGS FOR THICKENED SLAB REQUIREMENTS FOR POINT-LOAD BEARING OF ELEMENTS ON FLOOR SLABS, SUCH AS UNDER LOAD BEARING MASONRY WALLS, MASONRY SHEAR WALLS, AND STAIR STRINGERS.
13. REFER TO PLUMBING, ELECTRICAL, AND CIVIL DRAWINGS FOR UTILITY PIPING AND OTHER ITEMS TO BE INSTALLED UNDER SLAB-ON-GRADE CONSTRUCTION AND INVERT ELEVATIONS OF PIPING PENETRATING FOUNDATION WALLS FOR COORDINATION OF PIPING SLEEVES. COORDINATE PLACEMENT OF CONCRETE WORK WITH SLEEVE PENETRATIONS PROVIDED BY PLUMBING SUBCONTRACTOR.
14. REFER TO ENLARGED FLOOR PLANS FOR FLOOR DRAIN ELEVATIONS AT FINISHED SPACES SUCH AS LOCKER ROOMS AND TOILET ROOMS.
15. REFER TO FOODSERVICE AND PLUMBING DRAWINGS FOR FLOOR SINK, FLOOR DRAIN, INTERIOR GREASE TRAPS, AND OTHER EQUIPMENT RECESSED IN FLOORS AT KITCHENS.
16. REFER TO STAIR AND ELEVATOR ENLARGED PLANS FOR ADDITIONAL INFORMATION RELATED TO SLAB OPENINGS AT THOSE LOCATIONS.
17. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL STRUCTURAL STEEL COLUMNS AND FRAMING IN TYPE II-A CONSTRUCTION SHALL BE DELIVERED TO THE SITE UN-PRIMED TO RECEIVE CEMENTITIOUS SPRAY-APPLIED FIREPROOFING. REFER TO CODE PLANS AND SUMMARY FOR DELINEATION OF EXTENT OF TYPE II-A CONSTRUCTION AREA.

HORIZONTAL CONTROL PLAN LEGEND

DATUM FLOOR ELEVATIONS - TYPICAL U.N.O.:

LEVEL 1 FINISHED FLOOR ELEVATION:	0'-0"
LEVEL 2 FINISHED FLOOR ELEVATION:	14'-8"
LEVEL 3 FINISHED FLOOR ELEVATION:	29'-4"

DEPRESSED SLAB

UTILITY CROSSING, COORDINATE STEPPED FOOTING AND INVERTS W/ PLUMBING & STRUCTURAL DRAWINGS

FROST PAD

-SSV—SSV—SSV-

SUB-SLAB VENTILATION PIPING

ABBREVIATIONS:

BOT	BOTTOM
B/O	BOTTOM OF
BOD	BOTTOM OF DECK
BORA	BOTTOM OF RELIEVING ANGLE
BOS	BOTTOM OF STEEL
BRK	BRICK(S)
BRKS	BRICK SHELF
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
TOB	TOP OF BEAM
TO BRK	TOP OF BRICK
TO BRKS	TOP OF BRICK SHELF
TOW	TOP OF CONCRETE WALL
TOD	TOP OF DECK
TO FL	TOP OF FLOOR
TOF	TOP OF FOOTING
TO FDN	TOP OF FOUNDATION
TO SLAB	TOP OF SLAB
TO SLAB SHV	TOP OF SLAB SHELF
TO STL	TOP OF STL
TOW	TOP OF WALL

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PROJECT NUMBER: 23-0847

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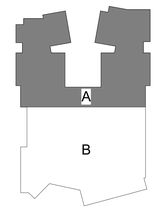
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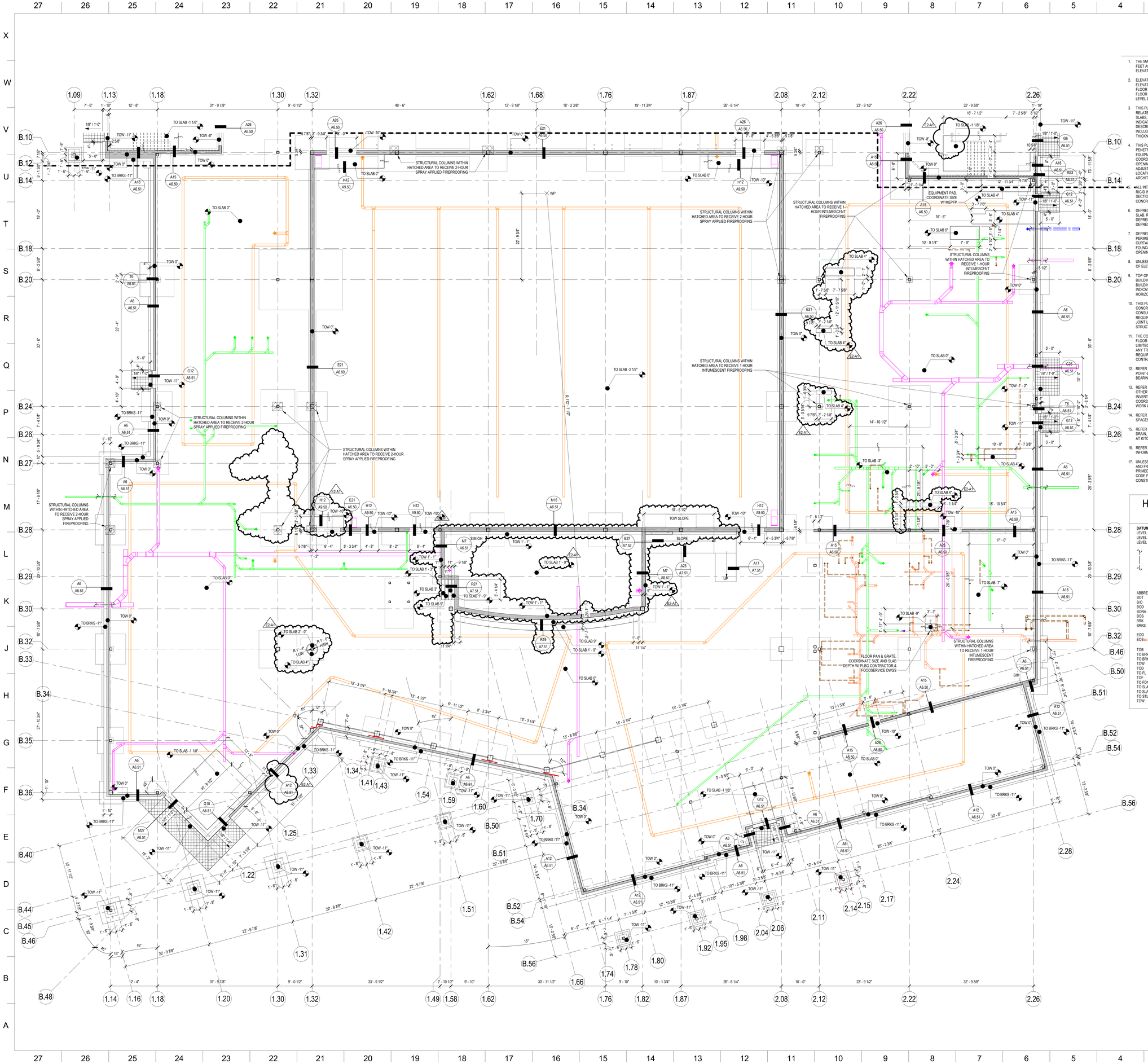
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SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 1 - AREA A

SHEET NUMBER:

A0.11



HORIZONTAL CONTROL GENERAL NOTES

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8. UNLESS INDICATED OTHERWISE, THE OFFSET FROM COLUMN GRID LINE TO EDGE OF ELEVATED SLAB ON METAL DECK AT THE BUILDING PERIMETER SHALL BE 0'-6".
9. TOP OF CONCRETE AT FROST PADS AT EXTERIOR DOOR OPENINGS SHALL MATCH BUILDING FLOOR SLAB ELEVATION AND PADS SHALL BE SLOPED AWAY FROM THE BUILDING FOUNDATION WALLS FOR POSITIVE DRAINAGE. SLOPE SHALL BE AS INDICATED, OR IF NO SLOPE IS INDICATED SHALL BE 1 UNIT VERTICAL IN 50 UNITS HORIZONTAL.
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HORIZONTAL CONTROL PLAN LEGEND

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UTILITY CROSSING, COORDINATE STEPPED FOOTING AND INVERTS W/ PLUMBING & STRUCTURAL DRAWINGS

~SSV~SSV~SSV~ SUB-SLAB VENTILATION PIPING

DEPRESSED SLAB

FROST PAD

ABBREVIATIONS:

BOT	BOTTOM
BO	BOTTOM OF
BOD	BOTTOM OF DECK
BORA	BOTTOM OF RELIEVING ANGLE
BOS	BOTTOM OF STEEL
BRK	BRICK(S)
BRKS	BRICK SHELF
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
TOB	TOP OF BEAM
TO BRK	TOP OF BRICK
TO BRKS	TOP OF BRICK SHELF
TOW	TOP OF CONCRETE WALL
TOD	TOP OF DECK
TO FL	TOP OF FLOOR
TOF	TOP OF FOOTING
TO FDN	TOP OF FOUNDATION
TO SLAB	TOP OF SLAB
TO SLAB SHV	TOP OF SLAB SHELF
TO STL	TOP OF STL
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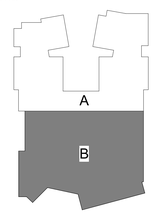
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KEY PLAN



ORIENTATION AND SCALE:



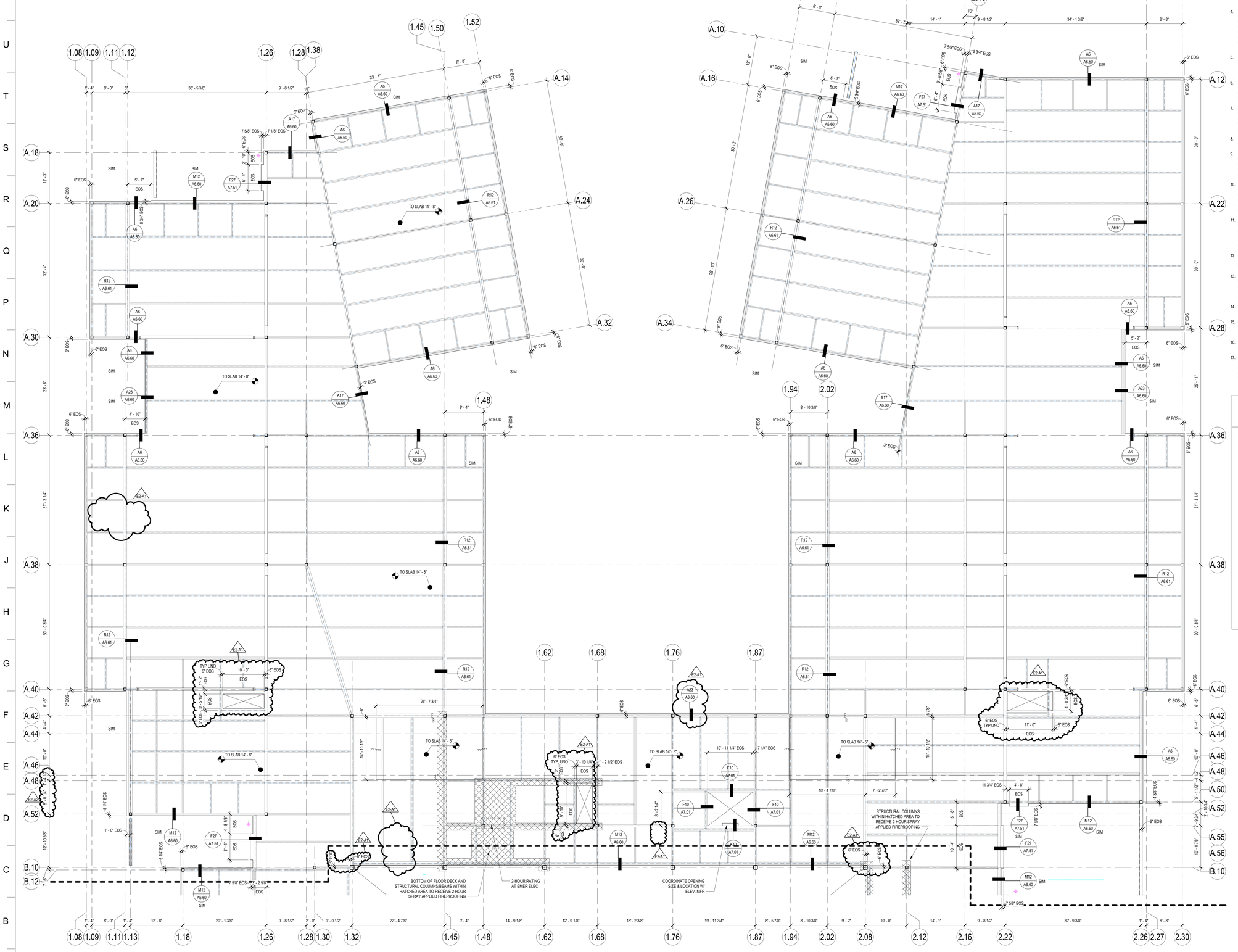
PROJECT NORTH

SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 1 - AREA B

SHEET NUMBER:

A0.12



HORIZONTAL CONTROL GENERAL NOTES

1. THE MAIN FLOOR DATUM ELEVATION OF 0'-0" EQUATES TO THE ELEVATION OF 96.5 FEET AS REFERENCED ON THE CIVIL / SURVEY DRAWINGS. ALL OTHER DATUM ELEVATIONS PROVIDED ARE RELATIVE THE 0'-0" DATUM OF LEVEL 1.
2. ELEVATION 0'-0" AT LEVEL 1 IS INTENDED TO MATCH THE FINISHED FLOOR ELEVATION AT THE EXISTING BUILDING. THE CONTRACTOR SHALL VERIFY ALL FLOOR ELEVATION TRANSITIONS FROM NEW TO EXISTING FLOOR SLABS SO THAT FLOOR TRANSITIONS ARE FLUSH AND LEVEL. ANY DISCREPANCIES IN FLOOR LEVEL DATUM ELEVATION SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT.
3. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL COORDINATION INFORMATION RELATED TO CONCRETE FOUNDATION WALLS, SLABS ON GRADE, ELEVATED SLABS, SPECIAL SLAB EDGE CONDITIONS, AND OTHER INFORMATION AS INDICATED IN THE DRAWING. REFER TO STRUCTURAL DRAWINGS FOR DESCRIPTION OF CONSTRUCTION OF CONCRETE WORK AND STRUCTURAL STEEL, INCLUDING REINFORCING REQUIREMENTS, FOOTING DESIGN, FOUNDATION WALL THICKNESS, COLUMN BASE PLATE AND PIER SIZES, ETC.
4. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL DATA FOR MAJOR FLOOR SLAB PENETRATIONS FOR DUCTWORK AND SHAFTS BASED ON THE BASIS OF DESIGN EQUIPMENT AND PIPING AND DUCT ARRANGEMENTS. THE CONTRACTOR SHALL COORDINATE SUCH OPENINGS WITH ALL RELEVANT TRADES AND ADJUST OPENING DIMENSIONS AND LOCATIONS IF REQUIRED BY TRADES FOR FIT. ANY ADJUSTMENTS TO OPENINGS THAT AFFECT ARCHITECTURAL ENCLOSING WALL LOCATIONS SHALL BE SUBMITTED WITH COORDINATION DRAWINGS TO THE ARCHITECT FOR REVIEW.
5. ALL INTERIOR FLOOR SLAB-ON-GRADE ASSEMBLIES SHALL FEATURE 2 INCHES OF RIGID INSULATION AND SHEET VAPOR RETARDER THROUGHOUT, AS INDICATED IN SECTION DETAILS. VAPOR RETARDER TO BE PROVIDED AND INSTALLED BY CONCRETE SUBCONTRACTOR.
6. DEPRESSED SLAB ELEVATIONS ARE INDICATED TO THE TOP OF STRUCTURAL SLAB. REFER TO STRUCTURAL DRAWINGS FOR DETAILS ASSOCIATED WITH DEPRESSED SLAB THICKNESS, REINFORCING, AND TRANSITIONS TO NON-DEPRESSED SLAB AREAS.
7. DEPRESS TOP OF FOUNDATION WALL 8 INCHES AT ALL OPENINGS AT BUILDING PERIMETER FOUNDATION WALLS, INCLUDING DOOR AND SIDELIGHT OPENINGS OF CURTAIN-WALL, STOREFRONT, OR HOLLOW METAL CONSTRUCTION. DEPRESSED FOUNDATION WALL SHALL MATCH WIDTH OF MASONRY OPENING OR WIDTH OF OPENING ASSEMBLY (INCLUDING SIDELIGHTS).
8. UNLESS INDICATED OTHERWISE, THE OFFSET FROM COLUMN GRID LINE TO EDGE OF ELEVATED SLAB ON METAL DECK AT THE BUILDING PERIMETER SHALL BE 0'-6".
9. TOP OF CONCRETE AT FROST PADS AT EXTERIOR DOOR OPENINGS SHALL MATCH BUILDING FLOOR SLAB ELEVATION AND PADS SHALL BE SLOPED AWAY FROM THE BUILDING FOUNDATION WALLS FOR POSITIVE DRAINAGE. SLOPE SHALL BE AS INDICATED, OR IF NO SLOPE IS INDICATED SHALL BE 1 UNIT VERTICAL IN 50 UNITS HORIZONTAL.
10. THIS PLAN DOES NOT NECESSARILY INDICATE LOCATION OF CONTROL JOINTS IN CONCRETE SLABS FOR CRACK CONTROL OR COLD JOINTS BETWEEN POURS. CONSULT STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONTROL JOINT REQUIREMENTS AND SLAB CUTTING LOCATIONS FOR CRACK CONTROL. COLD JOINT LOCATIONS BETWEEN POURS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER.
11. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF CORED OR SLEEVED FLOOR PENETRATIONS NOT SHOWN HEREIN FOR ITEMS INCLUDING, BUT NOT LIMITED TO: ROOF DRAINS, ELECTRICAL CONDUIT, PIPE RISERS OR DROPS FOR ANY TRADE. SUCH CORED OPENINGS SHALL BE LOCATED BY THE TRADE REQUIRING THE PENETRATION AND SHALL BE COORDINATED BY THE CONTRACTOR TO FIT WITHIN ENCLOSING WALLS AS INDICATED IN DRAWINGS.
12. REFER TO STRUCTURAL DRAWINGS FOR THICKENED SLAB REQUIREMENTS FOR POINT-LOAD BEARING OF ELEMENTS ON FLOOR SLABS, SUCH AS UNDER LOAD BEARING MASONRY WALLS, MASONRY SHEAR WALLS, AND STAIR STRINGERS.
13. REFER TO PLUMBING, ELECTRICAL, AND CIVIL DRAWINGS FOR UTILITY PIPING AND OTHER ITEMS TO BE INSTALLED UNDER SLAB-ON-GRADE CONSTRUCTION AND INVERT ELEVATIONS OF PIPING PENETRATING FOUNDATION WALLS FOR COORDINATION OF PIPING SLEEVES. COORDINATE PLACEMENT OF CONCRETE WORK WITH SLEEVE PENETRATIONS PROVIDED BY PLUMBING SUBCONTRACTOR.
14. REFER TO ENLARGED FLOOR PLANS FOR FLOOR DRAIN ELEVATIONS AT FINISHED SPACES SUCH AS LOCKER ROOMS AND TOILET ROOMS.
15. REFER TO FOODSERVICE AND PLUMBING DRAWINGS FOR FLOOR SINK, FLOOR DRAIN, INTERIOR GREASE TRAPS, AND OTHER EQUIPMENT RECESSED IN FLOORS AT KITCHENS.
16. REFER TO STAIR AND ELEVATOR ENLARGED PLANS FOR ADDITIONAL INFORMATION RELATED TO SLAB OPENINGS AT THOSE LOCATIONS.
17. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL STRUCTURAL STEEL COLUMNS AND FRAMING IN TYPE II-A CONSTRUCTION SHALL BE DELIVERED TO THE SITE UN-PRIMED TO RECEIVE CEMENTITIOUS SPRAY-APPLIED FIREPROOFING. REFER TO CODE PLANS AND SUMMARY FOR DELINEATION OF EXTENT OF TYPE II-A CONSTRUCTION AREA.

HORIZONTAL CONTROL PLAN LEGEND

DATUM FLOOR ELEVATIONS - TYPICAL U.N.O.:
LEVEL 1 FINISHED FLOOR ELEVATION: 0'-0"
LEVEL 2 FINISHED FLOOR ELEVATION: 14'-8"
LEVEL 3 FINISHED FLOOR ELEVATION: 29'-4"

DEPRESSED SLAB

UTILITY CROSSING, COORDINATE STEPPED FOOTING AND INVERTS W/ PLUMBING & STRUCTURAL DRAWINGS

FROST PAD

-SSV—SSV—SSV-
SUB-SLAB VENTILATION PIPING

ABBREVIATIONS:

BOT	BOTTOM
B/O	BOTTOM OF
BOD	BOTTOM OF DECK
BORA	BOTTOM OF RELIEVING ANGLE
BOS	BOTTOM OF STEEL
BRK	BRICK(S)
BRKS	BRICK SHELF
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
TOB	TOP OF BEAM
TO BRK	TOP OF BRICK
TO BRKS	TOP OF BRICK SHELF
TOW	TOP OF CONCRETE WALL
TOD	TOP OF DECK
TO FL	TOP OF FLOOR
TOF	TOP OF FOOTING
TO FDN	TOP OF FOUNDATION
TO SLAB	TOP OF SLAB
TO SLAB SHV	TOP OF SLAB SHELF
TO STL	TOP OF STL
TOW	TOP OF WALL

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

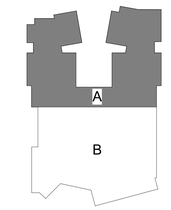
NO.	DATE	TITLE
E2-A1	09/04/2026	ERP 2 - ADDENDUM 1
E2-A2	09/11/2026	ERP 2 - ADDENDUM 2

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 2 - AREA A

SHEET NUMBER:

A0.21

HORIZONTAL CONTROL GENERAL NOTES

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HORIZONTAL CONTROL PLAN LEGEND

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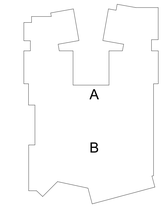
NO.	DATE	TITLE
E2-A1	09/04/2026	ERP 2 - ADDENDUM 1

ISSUE TITLE AND DATE:

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KEY PLAN



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PROJECT NORTH

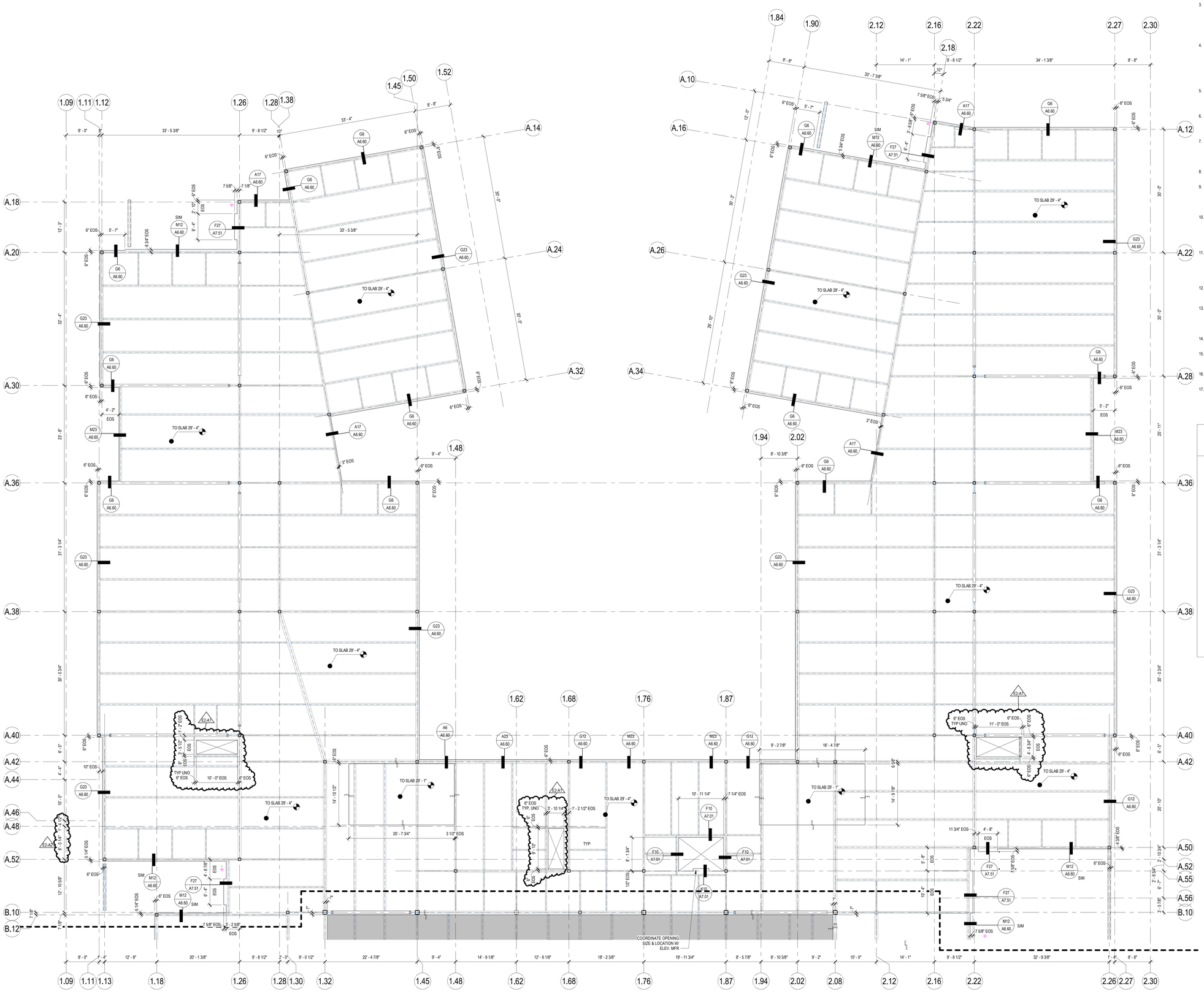
SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 2 - AREA B

SHEET NUMBER:

A0.22

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2



HORIZONTAL CONTROL GENERAL NOTES

1. THE MAIN FLOOR DATUM ELEVATION OF 0'-0" EQUATES TO THE ELEVATION OF 96.5 FEET AS REFERENCED ON THE CIVIL / SURVEY DRAWINGS. ALL OTHER DATUM ELEVATIONS PROVIDED ARE RELATIVE THE 0'-0" DATUM OF LEVEL 1.
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HORIZONTAL CONTROL PLAN LEGEND

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LEVEL 1 FINISHED FLOOR ELEVATION: 0'-0"
LEVEL 2 FINISHED FLOOR ELEVATION: 14'-8"
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DEPRESSED SLAB

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FROST PAD

-SSV—SSV—SSV-
SUB-SLAB VENTILATION PIPING

ABBREVIATIONS:

BOT	BOTTOM
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DORE + WHITTIER

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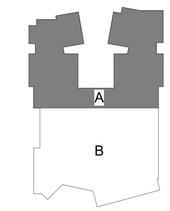
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E2-A1	09/04/2026	ERP 2 - ADDENDUM 1
E2-A2	09/11/2026	ERP 2 - ADDENDUM 2

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KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 3 - AREA A

SHEET NUMBER:

A0.31

HORIZONTAL CONTROL PLAN LEGEND

DATUM FLOOR ELEVATIONS - TYPICAL U.N.O.:

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UTILITY CROSSING, COORDINATE STEPPED FOOTING AND INVERTS W/ PLUMBING & STRUCTURAL DRAWINGS

-SSV—SSV—SSV-
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DEPRESSED SLAB

FROST PAD

ABBREVIATIONS:

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BORA	BOTTOM OF RELIEVING ANGLE
BOS	BOTTOM OF STEEL
BRK	BRICK(S)
BRKS	BRICK SHELF
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
TOB	TOP OF BEAM
TO BRK	TOP OF BRICK
TO BRKS	TOP OF BRICK SHELF
TOW	TOP OF CONCRETE WALL
TOD	TOP OF DECK
TO FL	TOP OF FLOOR
TOF	TOP OF FOOTING
TO FDN	TOP OF FOUNDATION
TO SLAB	TOP OF SLAB
TO SLAB SHV	TOP OF SLAB SHELF
TO STL	TOP OF STL
TOW	TOP OF WALL

HORIZONTAL CONTROL GENERAL NOTES

1. THE MAIN FLOOR DATUM ELEVATION OF 0'-0" EQUATES TO THE ELEVATION OF 96.5 FEET AS REFERENCED ON THE CIVIL / SURVEY DRAWINGS. ALL OTHER DATUM ELEVATIONS PROVIDED ARE RELATIVE THE 0'-0" DATUM OF LEVEL 1.
2. ELEVATION 0'-0" AT LEVEL 1 IS INTENDED TO MATCH THE FINISHED FLOOR ELEVATION AT THE EXISTING BUILDING. THE CONTRACTOR SHALL VERIFY ALL FLOOR ELEVATION TRANSITIONS FROM NEW TO EXISTING FLOOR SLABS SO THAT FLOOR TRANSITIONS ARE FLUSH AND LEVEL. ANY DISCREPANCIES IN FLOOR LEVEL DATUM ELEVATION SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT.
3. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL COORDINATION INFORMATION RELATED TO CONCRETE FOUNDATION WALLS, SLABS ON GRADE, ELEVATED SLABS, SPECIAL SLAB EDGE CONDITIONS, AND OTHER INFORMATION AS INDICATED IN THE DRAWING. REFER TO STRUCTURAL DRAWINGS FOR DESCRIPTION OF CONCRETE WORK AND STRUCTURAL STEEL, INCLUDING REINFORCING REQUIREMENTS, FOOTING DESIGN, FOUNDATION WALL THICKNESS, COLUMN BASE PLATE AND PIER SIZES, ETC.
4. THIS PLAN IS INTENDED TO PROVIDE DIMENSIONAL DATA FOR MAJOR FLOOR SLAB PENETRATIONS FOR DUCTWORK AND SHAFTS BASED ON THE BASIS OF DESIGN EQUIPMENT AND PIPING AND DUCT ARRANGEMENTS. THE CONTRACTOR SHALL COORDINATE SUCH OPENINGS WITH ALL RELEVANT TRADES AND ADJUST OPENING DIMENSIONS AND LOCATIONS IF REQUIRED BY TRADES FOR FIT. ANY ADJUSTMENTS TO OPENINGS THAT AFFECT ARCHITECTURAL ENCLOSING WALL LOCATIONS SHALL BE SUBMITTED WITH COORDINATION DRAWINGS TO THE ARCHITECT FOR REVIEW.
5. ALL INTERIOR FLOOR SLAB-ON-GRADE ASSEMBLIES SHALL FEATURE 2 INCHES OF RIGID INSULATION AND SHEET VAPOR RETARDER THROUGHOUT, AS INDICATED IN SECTION DETAILS. VAPOR RETARDER TO BE PROVIDED AND INSTALLED BY CONCRETE SUBCONTRACTOR.
6. DEPRESSED SLAB ELEVATIONS ARE INDICATED TO THE TOP OF STRUCTURAL SLAB. REFER TO STRUCTURAL DRAWINGS FOR DETAILS ASSOCIATED WITH DEPRESSED SLAB THICKNESS, REINFORCING, AND TRANSITIONS TO NON-DEPRESSED SLAB AREAS.
7. DEPRESS TOP OF FOUNDATION WALL 8 INCHES AT ALL OPENINGS AT BUILDING PERIMETER FOUNDATION WALLS, INCLUDING DOOR AND SIDELIGHT OPENINGS OF CURTAIN-WALL, STOREFRONT, OR HOLLOW METAL CONSTRUCTION. DEPRESSED FOUNDATION WALL SHALL MATCH WIDTH OF MASONRY OPENING OR WIDTH OF OPENING ASSEMBLY (INCLUDING SIDELIGHTS).
8. UNLESS INDICATED OTHERWISE, THE OFFSET FROM COLUMN GRID LINE TO EDGE OF ELEVATED SLAB ON METAL DECK AT THE BUILDING PERIMETER SHALL BE 0'-6".
9. TOP OF CONCRETE AT FROST PADS AT EXTERIOR DOOR OPENINGS SHALL MATCH BUILDING FLOOR SLAB ELEVATION AND PADS SHALL BE SLOPED AWAY FROM THE BUILDING FOUNDATION WALLS FOR POSITIVE DRAINAGE. SLOPE SHALL BE AS INDICATED, OR IF NO SLOPE IS INDICATED SHALL BE 1 UNIT VERTICAL IN 50 UNITS HORIZONTAL.
10. THIS PLAN DOES NOT NECESSARILY INDICATE LOCATION OF CONTROL JOINTS IN CONCRETE SLABS FOR CRACK CONTROL OR COLD JOINTS BETWEEN POURS. CONSULT STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONTROL JOINT REQUIREMENTS AND SLAB CUTTING LOCATIONS FOR CRACK CONTROL. COLD JOINT LOCATIONS BETWEEN POURS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER.
11. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF CORED OR SLEEVED FLOOR PENETRATIONS NOT SHOWN HEREIN FOR ITEMS INCLUDING, BUT NOT LIMITED TO: ROOF DRAINS, ELECTRICAL CONDUIT, PIPE RISERS OR DROPS FOR ANY TRADE. SUCH CORED OPENINGS SHALL BE LOCATED BY THE TRADE REQUIRING THE PENETRATION AND SHALL BE COORDINATED BY THE CONTRACTOR TO FIT WITHIN ENCLOSING WALLS AS INDICATED IN DRAWINGS.
12. REFER TO STRUCTURAL DRAWINGS FOR THICKENED SLAB REQUIREMENTS FOR POINT-LOAD BEARING OF ELEMENTS ON FLOOR SLABS, SUCH AS UNDER LOAD BEARING MASONRY WALLS, MASONRY SHEAR WALLS, AND STAIR STRINGERS.
13. REFER TO PLUMBING, ELECTRICAL, AND CIVIL DRAWINGS FOR UTILITY PIPING AND OTHER ITEMS TO BE INSTALLED UNDER SLAB-ON-GRADE CONSTRUCTION AND INVERT ELEVATIONS OF PIPING PENETRATING FOUNDATION WALLS FOR COORDINATION OF PIPING SLEEVES. COORDINATE PLACEMENT OF CONCRETE WORK WITH SLEEVE PENETRATIONS PROVIDED BY PLUMBING SUBCONTRACTOR.
14. REFER TO ENLARGED FLOOR PLANS FOR FLOOR DRAIN ELEVATIONS AT FINISHED SPACES SUCH AS LOCKER ROOMS AND TOILET ROOMS.
15. REFER TO FOODSERVICE AND PLUMBING DRAWINGS FOR FLOOR SINK, FLOOR DRAIN, INTERIOR GREASE TRAPS, AND OTHER EQUIPMENT RECESSED IN FLOORS AT KITCHENS.
16. REFER TO STAIR AND ELEVATOR ENLARGED PLANS FOR ADDITIONAL INFORMATION RELATED TO SLAB OPENINGS AT THOSE LOCATIONS.
17. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL STRUCTURAL STEEL COLUMNS AND FRAMING IN TYPE II-A CONSTRUCTION SHALL BE DELIVERED TO THE SITE UN-PRIMED TO RECEIVE CEMENTITIOUS SPRAY-APPLIED FIREPROOFING. REFER TO CODE PLANS AND SUMMARY FOR DELINEATION OF EXTENT OF TYPE II-A CONSTRUCTION AREA.

ACOUSTIC SEPARATION B/ CLASSROOM AREA & GYM SPACES BELOW:"KINETICS NOISE CONTROL" RIM ISOLATED SLAB SYSTEM OR EQUAL ON 6 1/2" DEPRESSED SLAB AS SHOWN IN GRAY.

ACOUSTIC SEPARATION B/ CLASSROOM AREA & MECHANICAL SPACES BELOW:"KINETICS NOISE CONTROL" RIM ISOLATED SLAB SYSTEM OR EQUAL ON 6 1/2" DEPRESSED SLAB AS SHOWN IN GRAY.

TO SLAB 28' - 9 1/2"

TO SLAB 29' - 4"

TO SLAB 28' - 9 1/2"

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

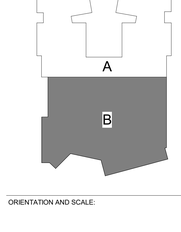
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E2-A1	09/04/2026	ERP 2 - ADDENDUM 1

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:

HORIZONTAL CONTROL PLAN - LEVEL 3 - AREA B

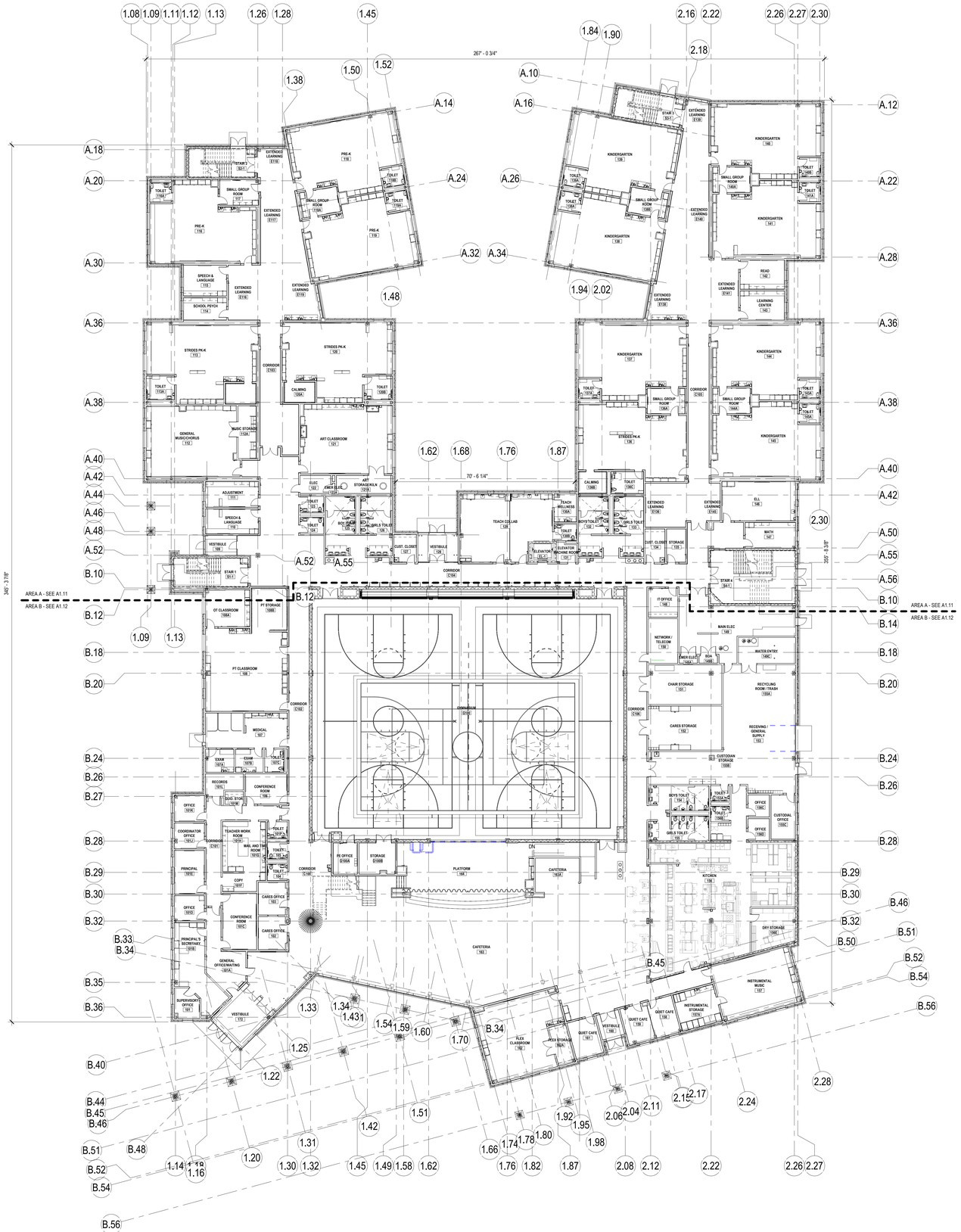
SHEET NUMBER:

A0.32

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "E", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "A", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "A1.11", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
3. WHERE COLUMN LINES ARE SHOWN INSIDE WALLS AND PARALLEL TO THE WALL, IT SHALL BE ASSUMED THAT THE WALL IS CENTERED ON THE COLUMN LINE UNLESS DIMENSIONED OTHERWISE.
4. WHERE ENLARGED PLANS ARE INDICATED, REFER TO ENLARGED PLAN SHEET FOR DIMENSIONS, WALL TYPES, AND DETAIL REFERENCES.
5. REFER TO HORIZONTAL CONTROL PLANS AND STRUCTURAL DRAWINGS FOR SLAB INFORMATION (INCLUDING DEPRESSIONS, EDGE DIMENSIONS, AND SHAFT OPENINGS).
6. AT INSTANCES WHERE CASEWORK ABUTS COLUMN ENCLOSURE, PARTITION FINISH SHALL BE 1" PROUD OF END FACE OF CASEWORK (SIM TO DETAIL H18/A1.51), UNO.
7. REFER TO SHEETS A10.11-A10.32 FOR INTERIOR RELATED INFORMATION, INCLUDING, BUT NOT LIMITED TO, INTERIOR ELEVATION TAGS, ENLARGED CASEWORK PLAN CALLOUTS, AND EQUIPMENT TAGS.



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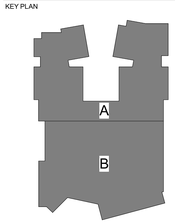
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:

LEVEL 1 OVERALL PLAN

SHEET NUMBER:

A1.10

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**E**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**E1.11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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PROJECT NUMBER: 23-0847

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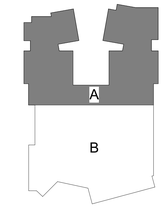
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KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 1 - AREA A

SHEET NUMBER:

A1.11

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**E**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**X1.11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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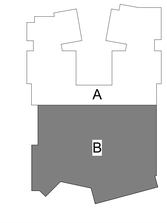
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

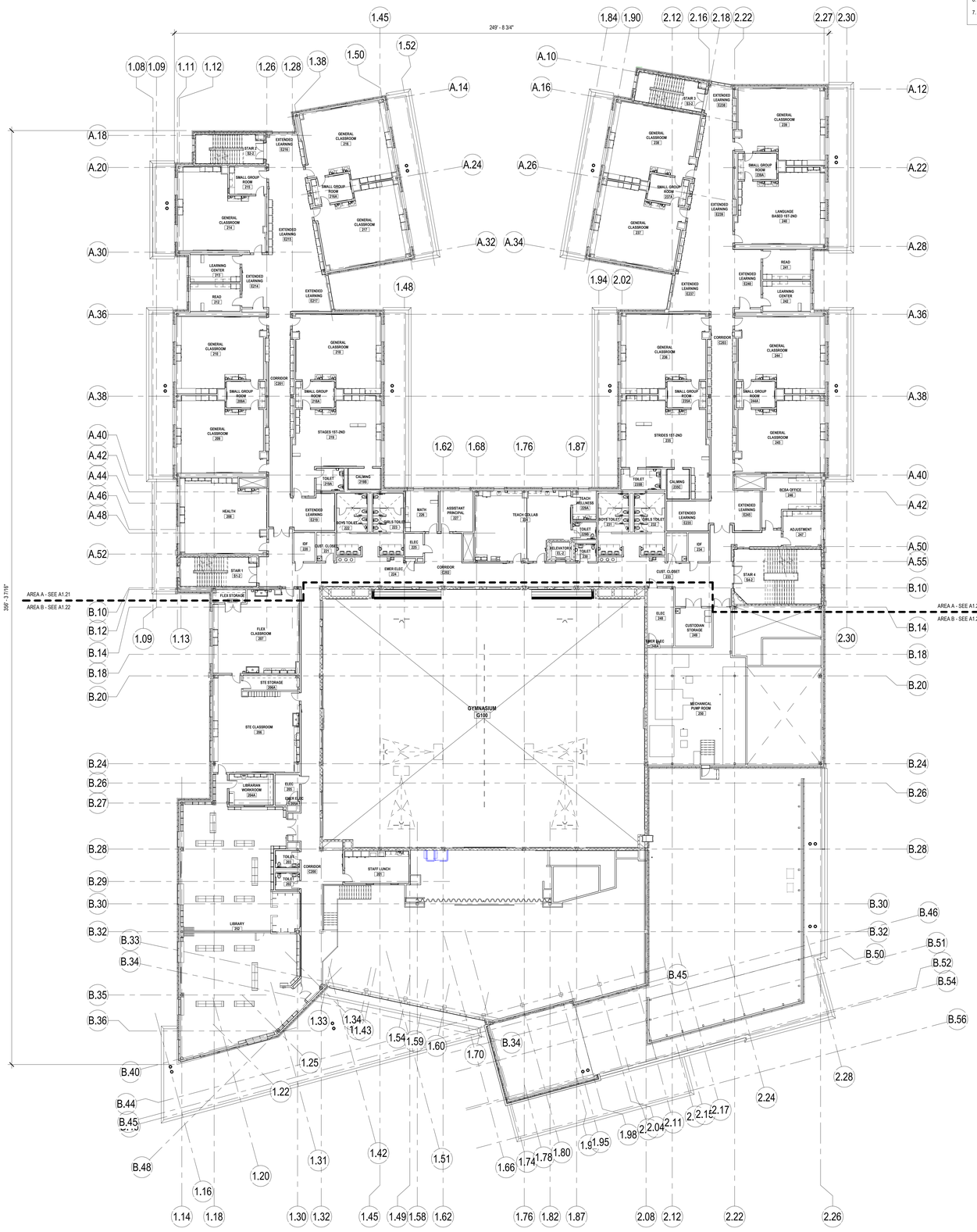
LEVEL 1 - AREA B

SHEET NUMBER:

A1.12

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**C**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**X1.11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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5. REFER TO HORIZONTAL CONTROL PLANS AND STRUCTURAL DRAWINGS FOR SLAB INFORMATION (INCLUDING DEPRESSIONS, EDGE DIMENSIONS, AND SHAFT OPENINGS).
6. AT INSTANCES WHERE CASEWORK ABUTS COLUMN ENCLOSURE, PARTITION FINISH SHALL BE 1" PROUD OF END FACE OF CASEWORK (SIM TO DETAIL H18/A1.51), UNO.
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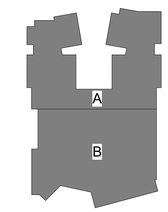
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

LEVEL 2 OVERALL PLAN

SHEET NUMBER:

A1.20

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE **'E'**, UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE **'A'**, UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE **'X1.11'**, UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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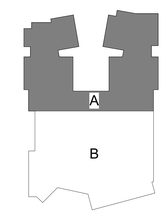
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KEY PLAN



ORIENTATION AND SCALE:

PROJECT NORTH

SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 2 - AREA A

SHEET NUMBER:

A1.21

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**E**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**EL11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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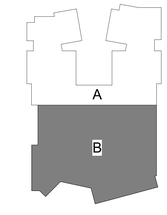
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KEY PLAN



ORIENTATION AND SCALE:

N
PROJECT NORTH
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

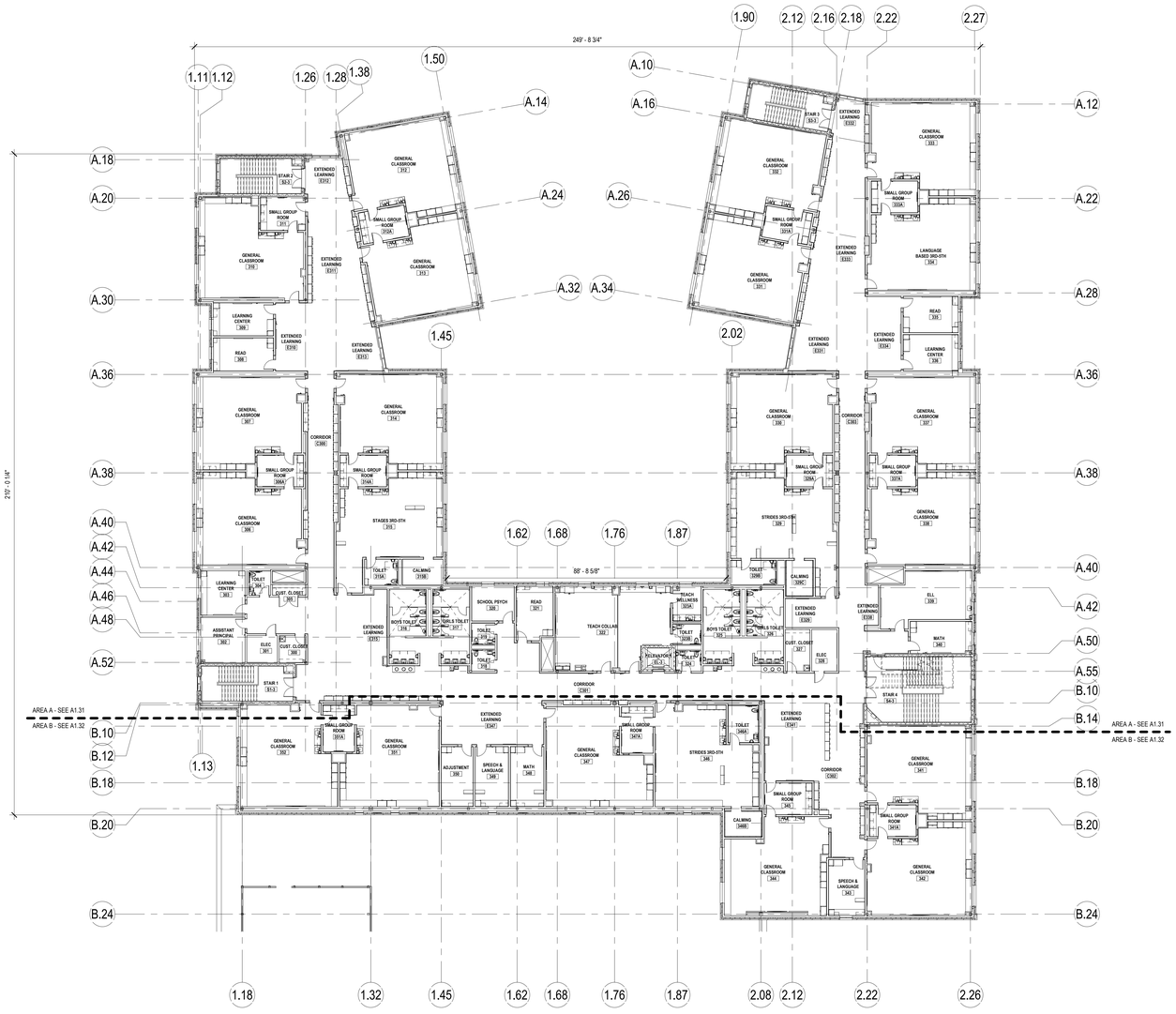
LEVEL 2 - AREA B

SHEET NUMBER:

A1.22

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**C**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**X1.11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
3. WHERE COLUMN LINES ARE SHOWN INSIDE WALLS AND PARALLEL TO THE WALL, IT SHALL BE ASSUMED THAT THE WALL IS CENTERED ON THE COLUMN LINE UNLESS DIMENSIONED OTHERWISE.
4. WHERE ENLARGED PLANS ARE INDICATED, REFER TO ENLARGED PLAN SHEET FOR DIMENSIONS, WALL TYPES, AND DETAIL REFERENCES.
5. REFER TO HORIZONTAL CONTROL PLANS AND STRUCTURAL DRAWINGS FOR SLAB INFORMATION (INCLUDING DEPRESSIONS, EDGE DIMENSIONS, AND SHAFT OPENINGS).
6. AT INSTANCES WHERE CASEWORK ABUTS COLUMN ENCLOSURE, PARTITION FINISH SHALL BE 1" PROUD OF END FACE OF CASEWORK (SIM TO DETAIL H18/A1.51), UNO.
7. REFER TO SHEETS A10.11-A10.32 FOR INTERIOR RELATED INFORMATION, INCLUDING, BUT NOT LIMITED TO, INTERIOR ELEVATION TAGS, ENLARGED CASEWORK PLAN CALLOUTS, AND EQUIPMENT TAGS.



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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

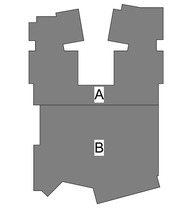
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:

PROJECT NORTH (TRUE NORTH)
N
0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 3 OVERALL PLAN

SHEET NUMBER:

A1.30

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "E", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "A", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "X1.11", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
3. WHERE COLUMN LINES ARE SHOWN INSIDE WALLS AND PARALLEL TO THE WALL, IT SHALL BE ASSUMED THAT THE WALL IS CENTERED ON THE COLUMN LINE UNLESS DIMENSIONED OTHERWISE.
4. WHERE ENLARGED PLANS ARE INDICATED, REFER TO ENLARGED PLAN SHEET FOR DIMENSIONS, WALL TYPES, AND DETAIL REFERENCES.
5. REFER TO HORIZONTAL CONTROL PLANS AND STRUCTURAL DRAWINGS FOR SLAB INFORMATION (INCLUDING DEPRESSIONS, EDGE DIMENSIONS, AND SHAFT OPENINGS).
6. AT INSTANCES WHERE CASEWORK ABUTS COLUMN ENCLOSURE, PARTITION FINISH SHALL BE 1" PROUD OF END FACE OF CASEWORK (SIM TO DETAIL H18/A1.51), UNO.
7. REFER TO SHEETS A10.11-A10.32 FOR INTERIOR RELATED INFORMATION, INCLUDING, BUT NOT LIMITED TO, INTERIOR ELEVATION TAGS, ENLARGED CASEWORK PLAN CALLOUTS, AND EQUIPMENT TAGS.

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

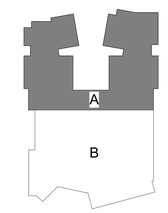
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:



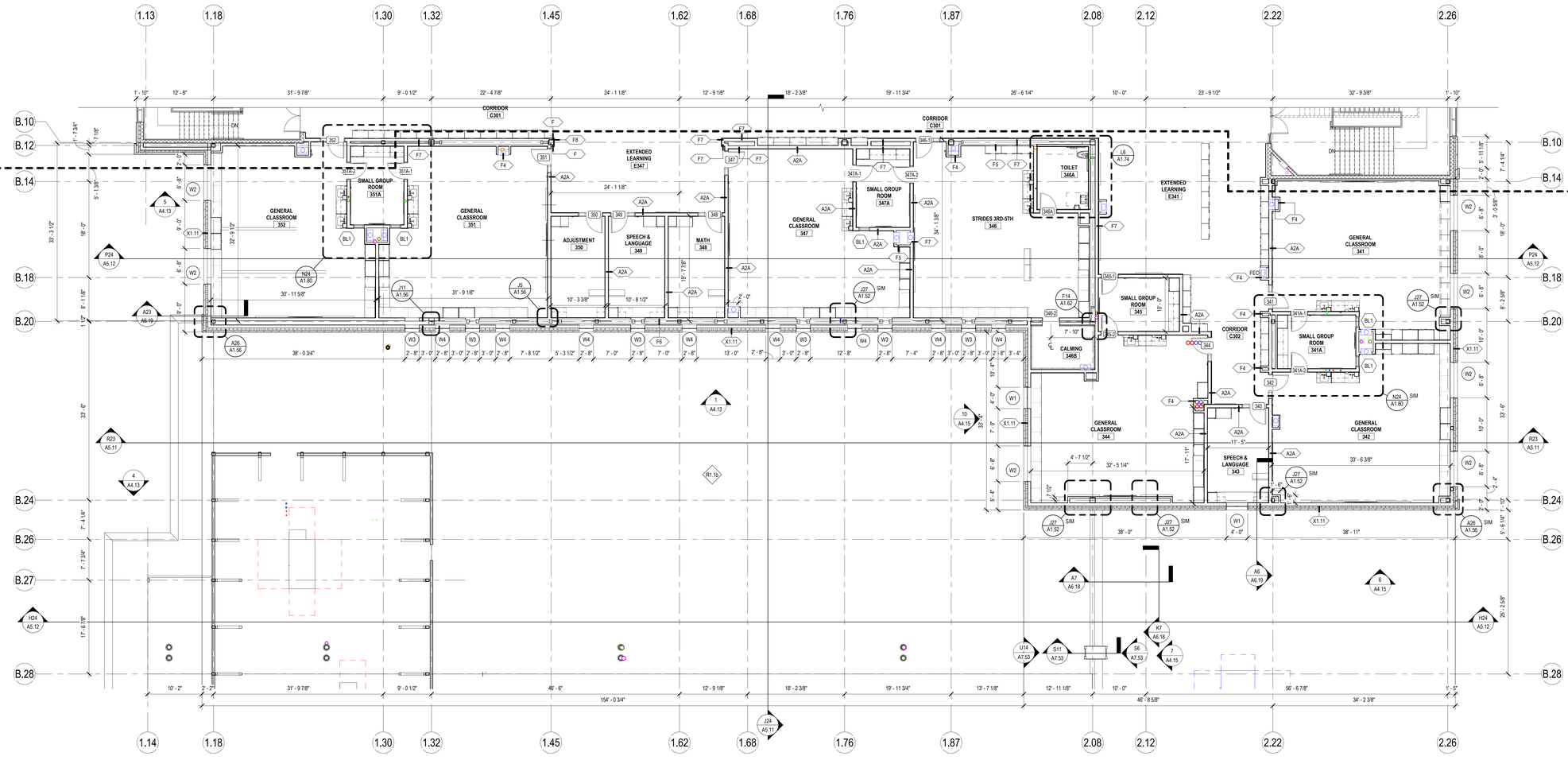
PROJECT NORTH

SHEET TITLE:
LEVEL 3 - AREA A

SHEET NUMBER:
A1.31

PLAN GENERAL NOTES

1. ALL INTERIOR CMU PARTITIONS ARE TYPE "**E**", UNLESS NOTED OTHERWISE. ALL INTERIOR STUD PARTITIONS ARE TYPE "**A**", UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS NOT TAGGED IN 1/8"=1'-0" PLANS ARE TYPE "**A1.11**", UNLESS NOTED OTHERWISE.
2. WHERE DOORS, WINDOWS, BORROWED LITES, GRILLES, OR OPENINGS OCCUR IT SHALL BE ASSUMED THAT THE WALL CONSTRUCTION IS THE SAME ABOVE AS ADJACENT, UNLESS NOTED OTHERWISE.
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6. AT INSTANCES WHERE CASEWORK ABUTS COLUMN ENCLOSURE, PARTITION FINISH SHALL BE 1" PROUD OF END FACE OF CASEWORK (SIM TO DETAIL H18/A1.51), UNO.
7. REFER TO SHEETS A10.11-A10.32 FOR INTERIOR RELATED INFORMATION, INCLUDING, BUT NOT LIMITED TO, INTERIOR ELEVATION TAGS, ENLARGED CASEWORK PLAN CALLOUTS, AND EQUIPMENT TAGS.



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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

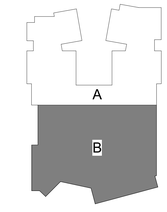
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

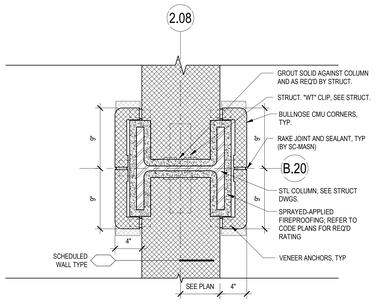
LEVEL 3 - AREA B

SHEET NUMBER:

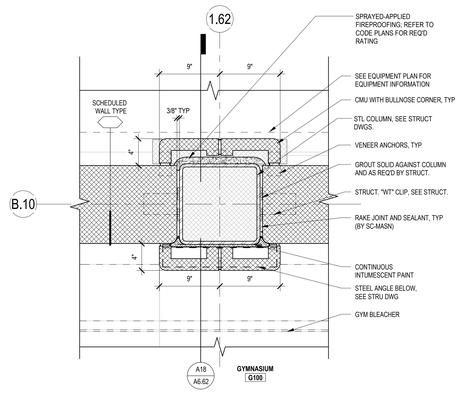
A1.32

PLAN DETAIL GENERAL NOTES

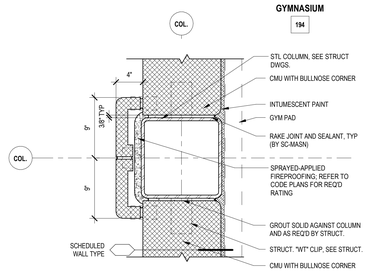
1. WALL TAG IN EACH PLAN DETAIL INDICATES TYPICAL CONDITION ONLY. IN THE CASE IT DIFFERS FROM TAG IN 1/8"=1'-0" PLAN, REFER TO 1/8"=1'-0" PLAN FOR ACCURATE TAG.
2. SEE AG0.02 FOR WALL TYPES.



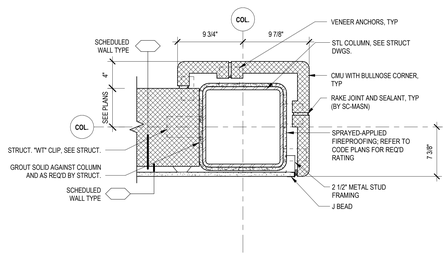
J10 COLUMN COVER DETAIL - CMU AT W COLUMN
1 1/2" = 1'-0"



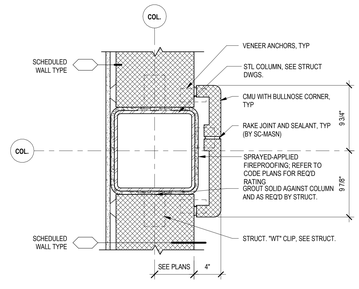
J6 COLUMN COVER DETAIL - ONE-SIDED CMU AT BLEACHER
1 1/2" = 1'-0"



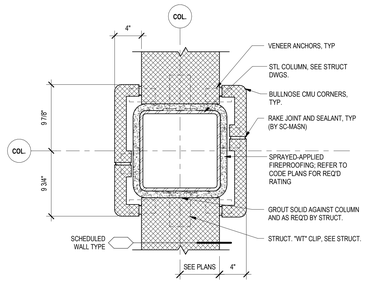
E25 COLUMN COVER DETAIL - CMU W/ INTUMESCENT PAINT @ GYM
1 1/2" = 1'-0"



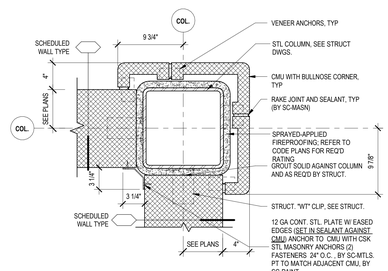
E20 COLUMN COVER DETAIL - CMU / GYP BD END CONDITION
1 1/2" = 1'-0"



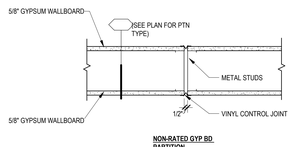
E15 COLUMN COVER DETAIL - CMU / GYP BD
1 1/2" = 1'-0"

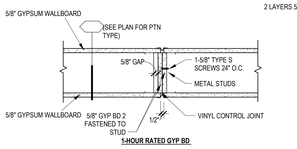


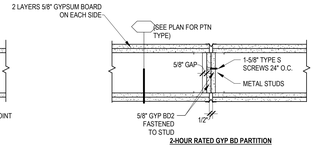
E10 COLUMN COVER DETAIL - CMU
1 1/2" = 1'-0"

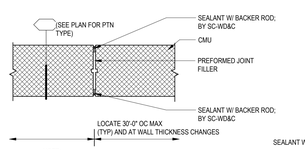


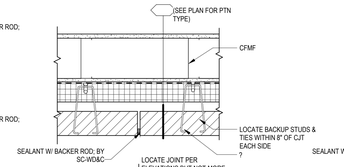
E5 COLUMN COVER DETAIL - CMU OUTSIDE CORNER
1 1/2" = 1'-0"

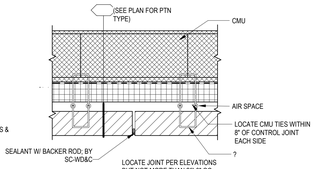












A25 TYPICAL CONTROL JOINTS
1 1/2" = 1'-0"

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KEY PLAN

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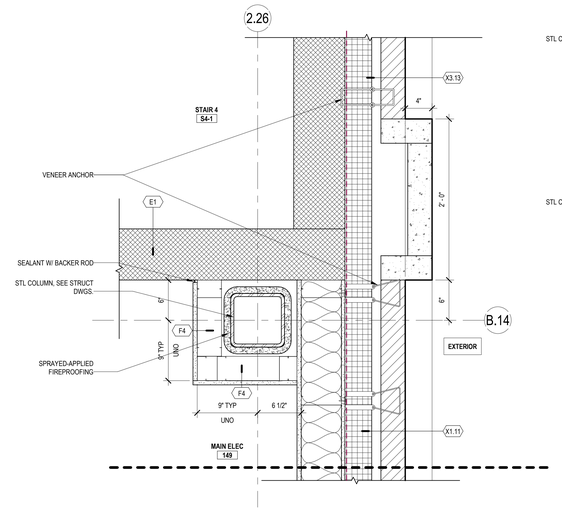
SCALE: AS INDICATED

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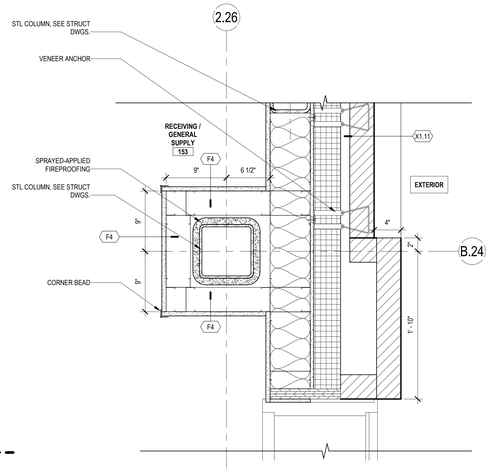
TYPICAL PLAN DETAILS

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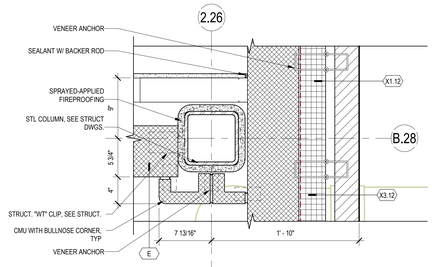
A1.50



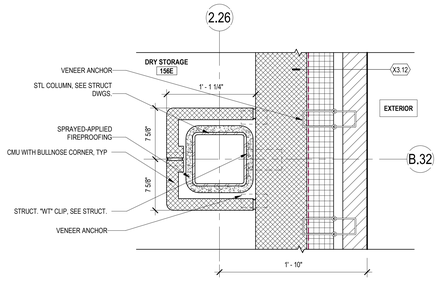
R26 PLAN DETAIL - AREA B LEVEL 1 - B.14/2.26
1 1/2" = 1'-0"



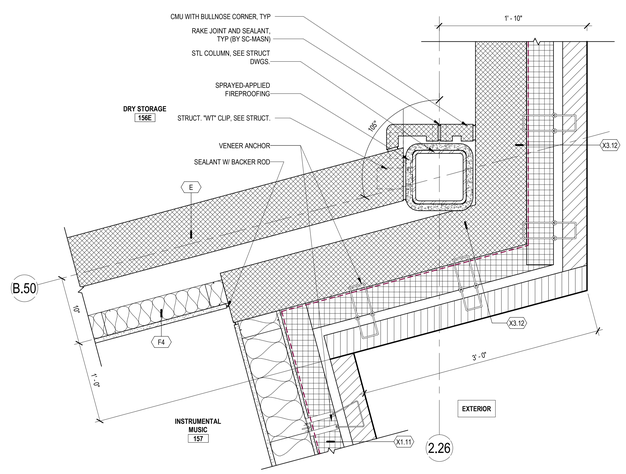
R20 PLAN DETAIL - AREA B LEVEL 1 - B.24/2.26
1 1/2" = 1'-0"



T14 PLAN DETAIL - AREA B LEVEL 1 - B.28/2.26
1 1/2" = 1'-0"



P14 PLAN DETAIL - AREA B LEVEL 1 - B.32/2.26
1 1/2" = 1'-0"

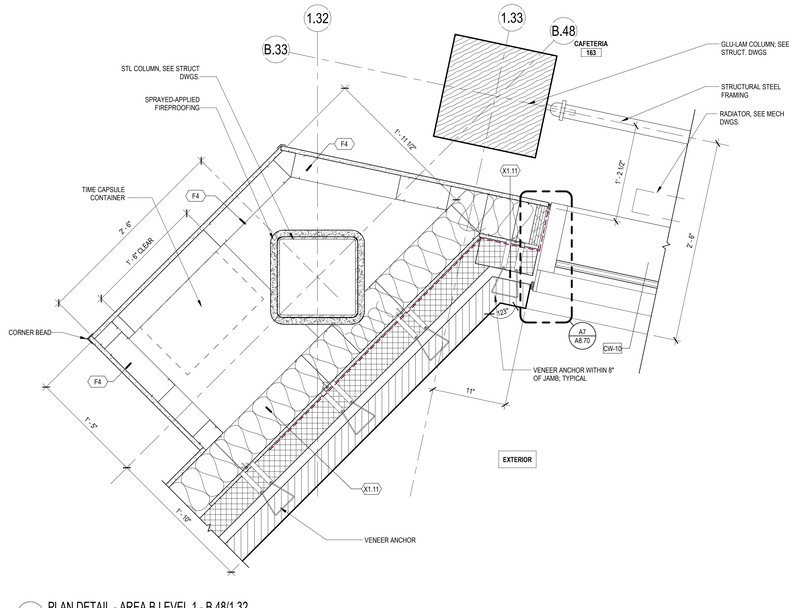


R9 PLAN DETAIL - AREA B LEVEL 1 - B.50/2.26
1 1/2" = 1'-0"

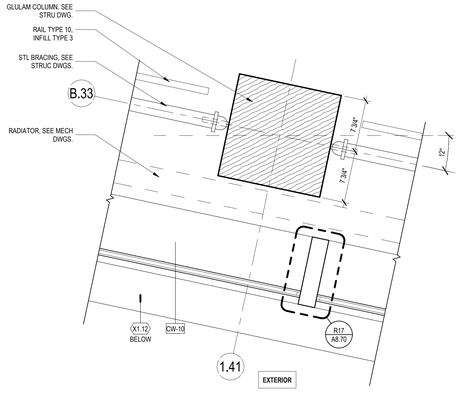
H26 PLAN DETAIL - AREA B LEVEL 1 - B.54/1.98
1 1/2" = 1'-0"

H20 PLAN DETAIL - AREA B LEVEL 1 - B.54/1.74 - TYP EXTERIOR CORNER
1 1/2" = 1'-0"

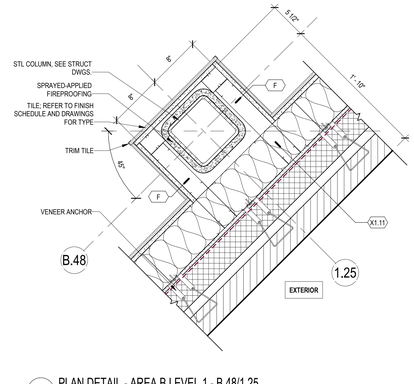
H11 PLAN DETAIL - AREA B LEVEL 1 - B.45/1.74
1 1/2" = 1'-0"



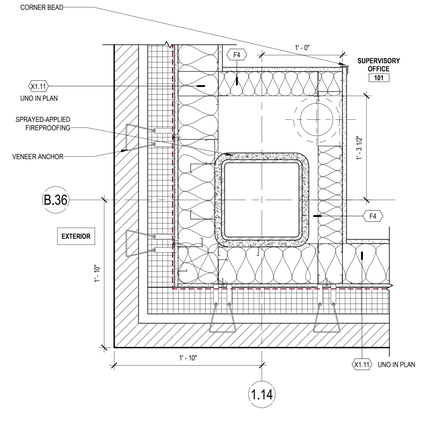
A27 PLAN DETAIL - AREA B LEVEL 1 - B.48/1.32
1 1/2" = 1'-0"



A17 PLAN DETAIL - AREA B LEVEL 1 - B.33/1.41
1 1/2" = 1'-0"



A11 PLAN DETAIL - AREA B LEVEL 1 - B.48/1.25
1 1/2" = 1'-0"



A6 PLAN DETAIL - AREA B LEVEL 1 - B.36/1.14
1 1/2" = 1'-0"

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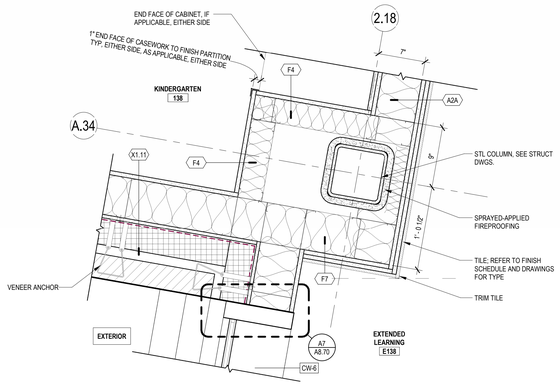
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KEY PLAN

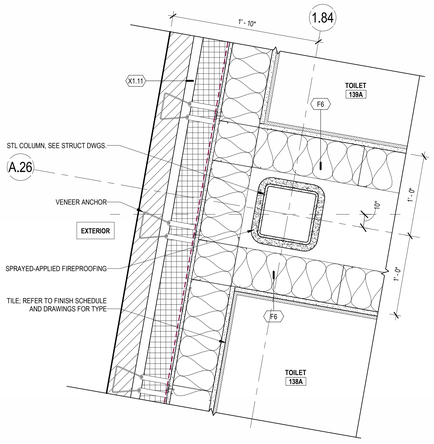
ORIENTATION AND SCALE:
SCALE: AS INDICATED

SHEET TITLE:
PLAN DETAILS

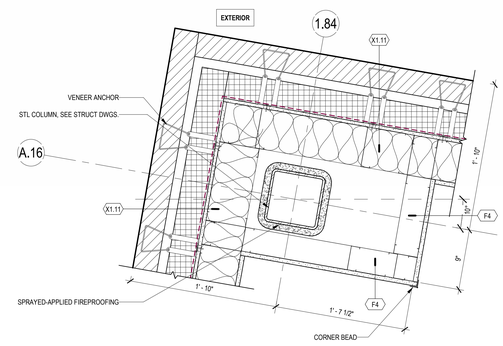
SHEET NUMBER:
A1.51



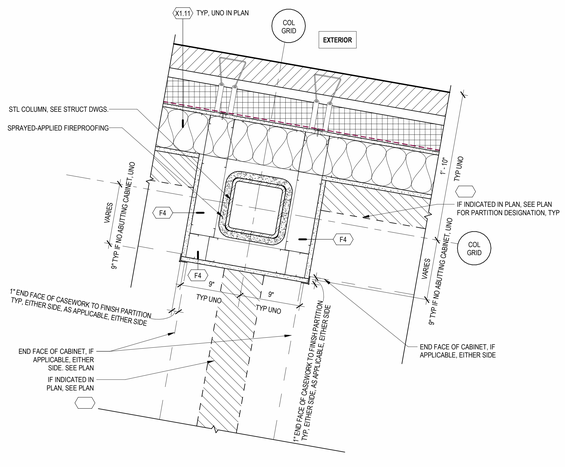
R20 PLAN DETAIL - AREA A LEVEL 1 - A.34/2.18
1 1/2" = 1'-0"



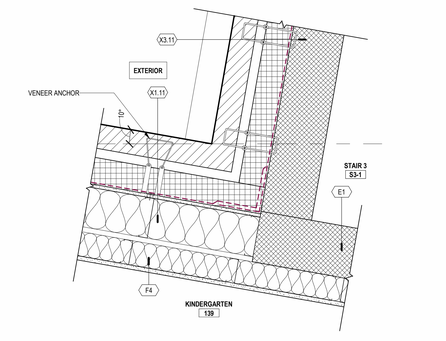
R13 PLAN DETAIL - AREA A LEVEL 1 - A.26/1.84
1 1/2" = 1'-0"



S7 PLAN DETAIL - AREA A LEVEL 1 - A.16/1.84
1 1/2" = 1'-0"



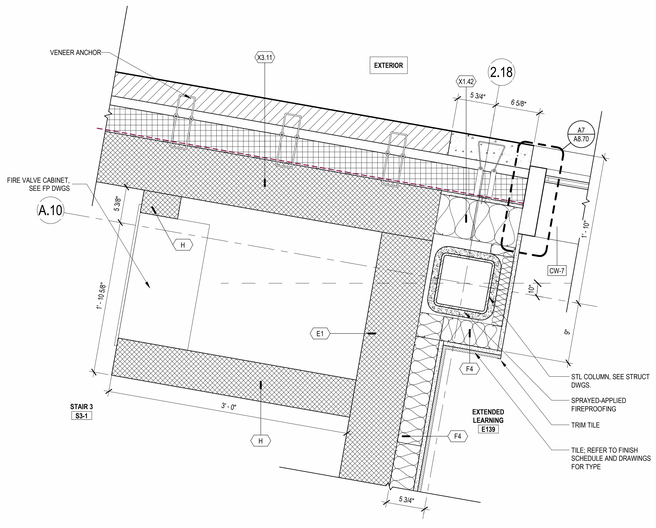
J27 PLAN DETAIL - AREA A LEVEL 1 - A.16/ 1.90
1 1/2" = 1'-0"



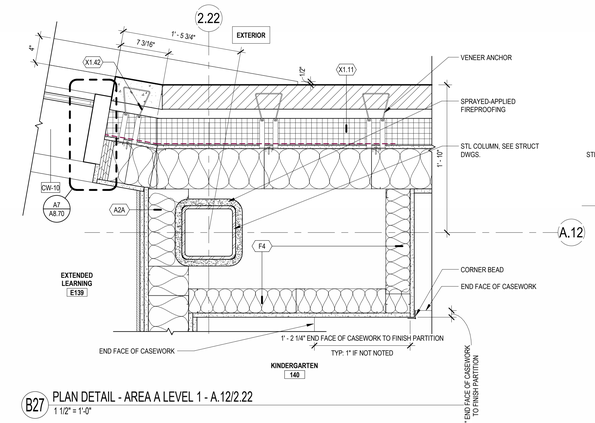
J20 PLAN DETAIL - AREA A LEVEL 1 - A.16/1.90
1 1/2" = 1'-0"



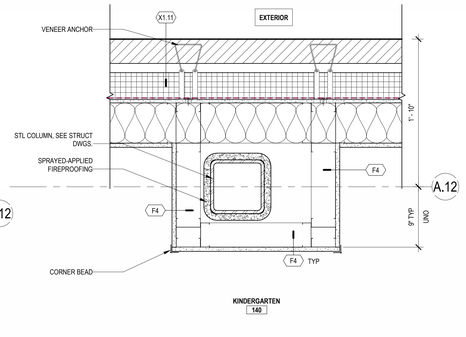
J13 PLAN DETAIL - AREA A LEVEL 1 - A.10/1.90
1 1/2" = 1'-0"



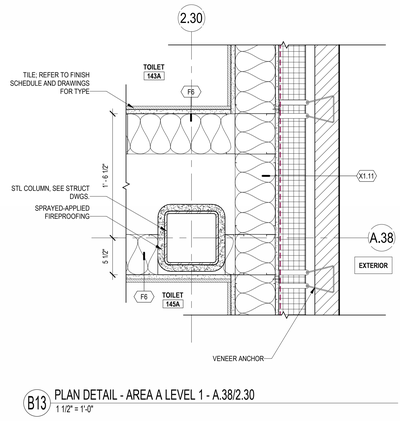
H8 PLAN DETAIL - AREA A LEVEL 1 - A.10/2.18
1 1/2" = 1'-0"



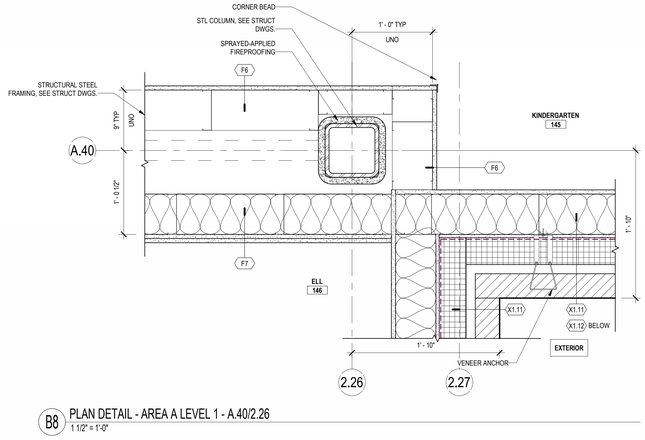
B27 PLAN DETAIL - AREA A LEVEL 1 - A.12/2.22
1 1/2" = 1'-0"



B20 PLAN DETAIL - AREA A LEVEL 1 - A.12/2.26
1 1/2" = 1'-0"



B13 PLAN DETAIL - AREA A LEVEL 1 - A.38/2.30
1 1/2" = 1'-0"



B8 PLAN DETAIL - AREA A LEVEL 1 - A.40/2.26
1 1/2" = 1'-0"

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PROJECT NUMBER: 23-0847

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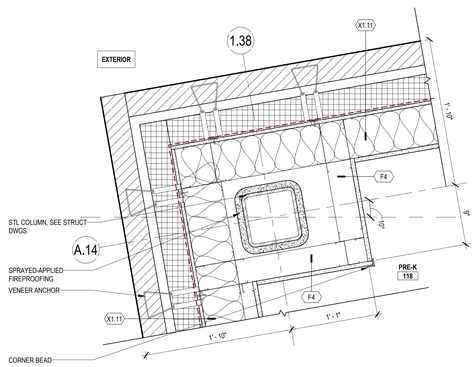
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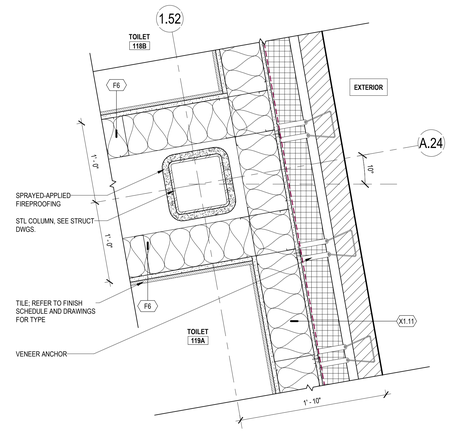
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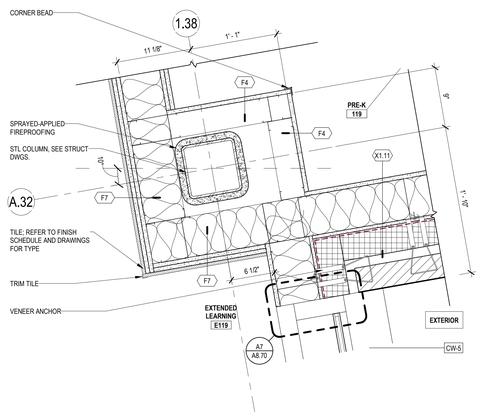
A1.52



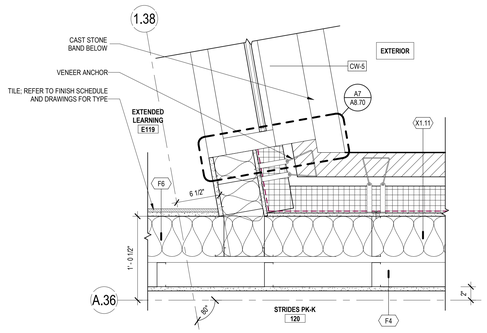
R20 PLAN DETAIL - AREA A LEVEL 1 - A.14/ 1.38
1 1/2" = 1'-0"



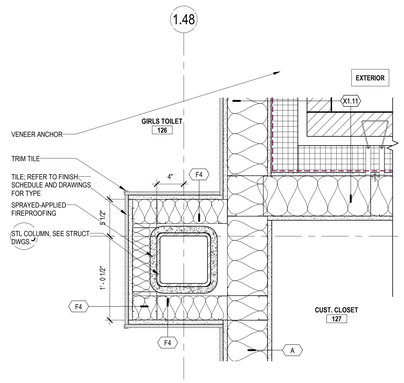
R14 PLAN DETAIL - AREA A LEVEL 1 - A.24/1.52
1 1/2" = 1'-0"



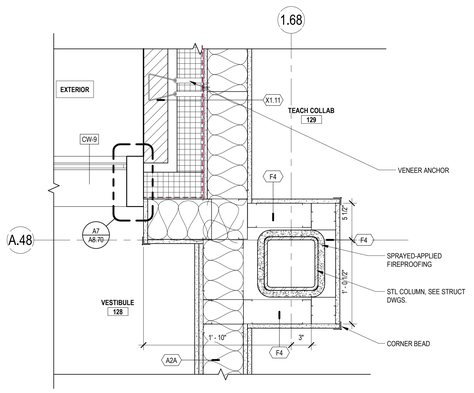
R7 PLAN DETAIL - AREA A LEVEL 1 - A.32/ 1.38
1 1/2" = 1'-0"



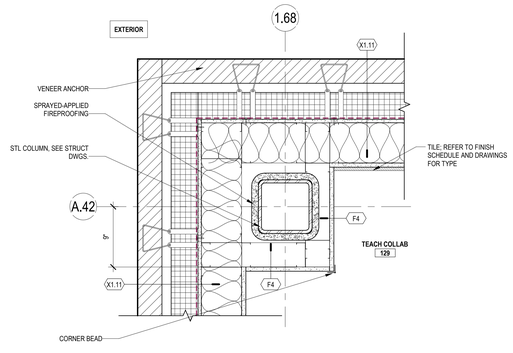
J27 PLAN DETAIL - AREA A LEVEL 1 - A.36/ 1.38
1 1/2" = 1'-0"



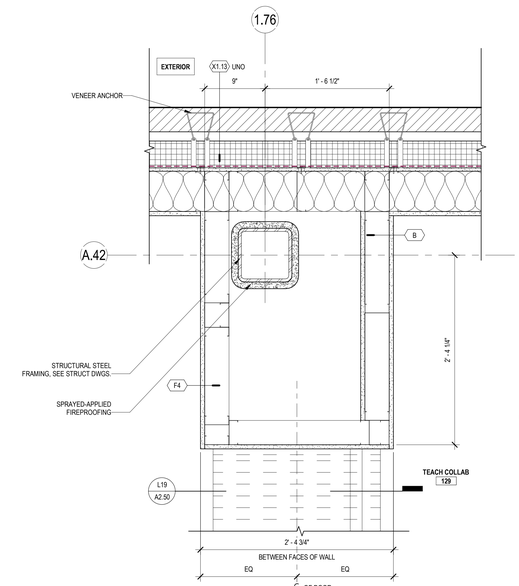
J20 PLAN DETAIL - AREA A LEVEL 1 - A.48/ 1.48
1 1/2" = 1'-0"



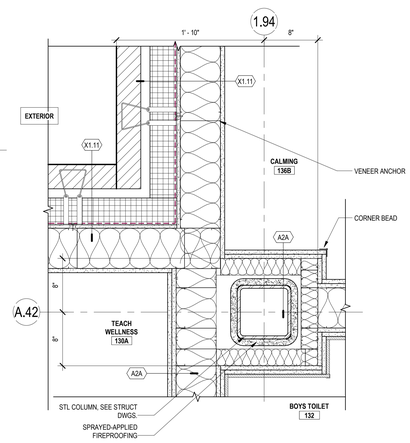
J13 PLAN DETAIL - AREA A LEVEL 1 - A.48/ 1.68
1 1/2" = 1'-0"



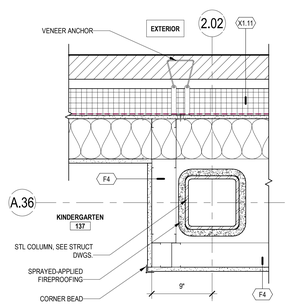
J7 PLAN DETAIL - AREA A LEVEL 1 - A.42/ 1.68
1 1/2" = 1'-0"



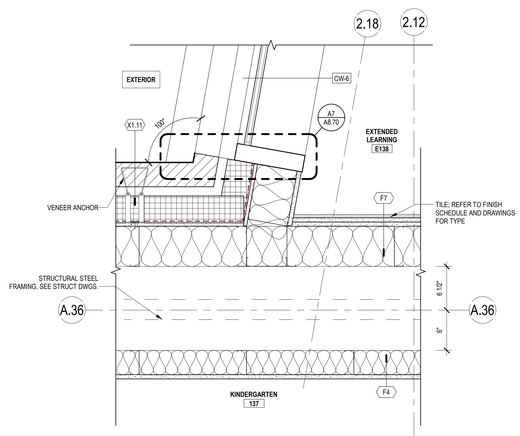
A26 PLAN DETAIL - AREA A LEVEL 1 - A.42/ 1.76
1 1/2" = 1'-0"



A18 PLAN DETAIL - AREA A LEVEL 1 - A.42/1.94
1 1/2" = 1'-0"



B12 PLAN DETAIL - AREA A LEVEL 1 - A.36/ 2.02
1 1/2" = 1'-0"



B7 PLAN DETAIL - AREA A LEVEL 1 - A.36/ 2.18
1 1/2" = 1'-0"

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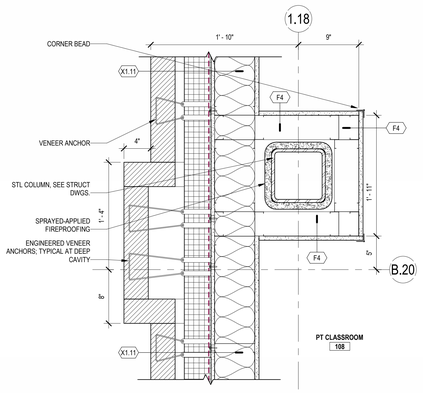
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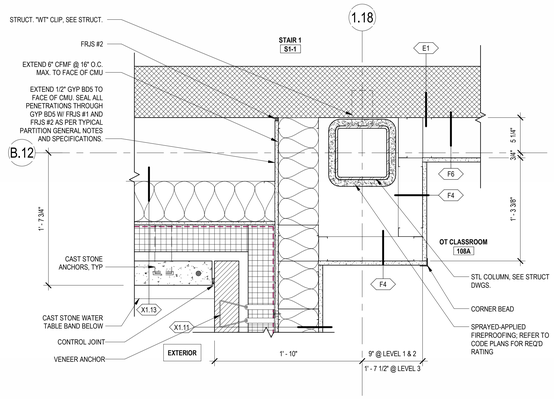
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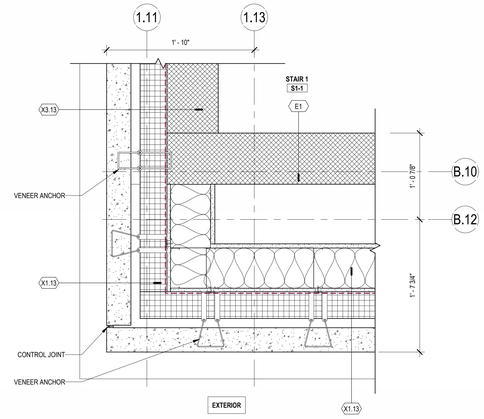
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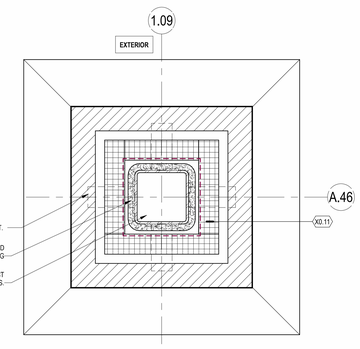
R20 PLAN DETAIL - AREA B LEVEL 1 - B.20/ 1.18
1 1/2" = 1'-0"



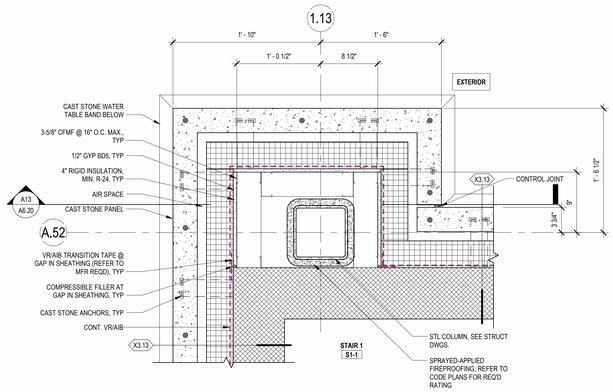
R14 PLAN DETAIL AREA A LEVEL 1 - @ B.12 / 1.18 - LEVEL 1
1 1/2" = 1'-0"



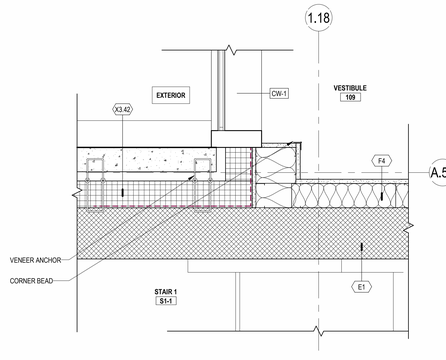
R7 PLAN DETAIL - AREA A LEVEL 1@ B.10 / 1.11 - LEVEL 1
1 1/2" = 1'-0"



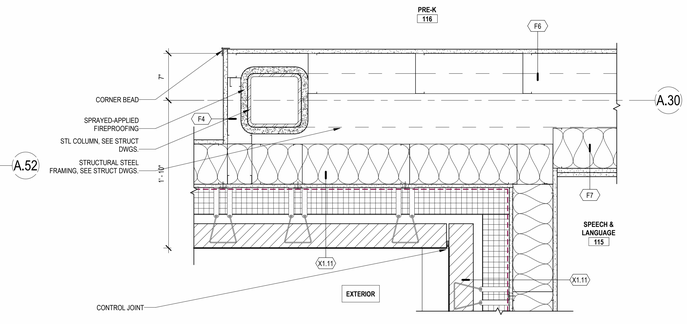
J26 PLAN DETAIL - AREA B LEVEL 1 - A.46/ 1.10
1 1/2" = 1'-0"



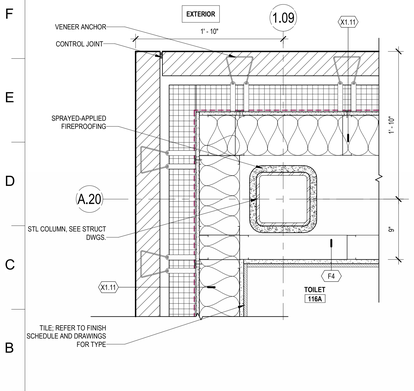
J21 PLAN DETAIL - AREA A LEVEL 1@ A.52 / 1.13 - LEVEL 1
1 1/2" = 1'-0"



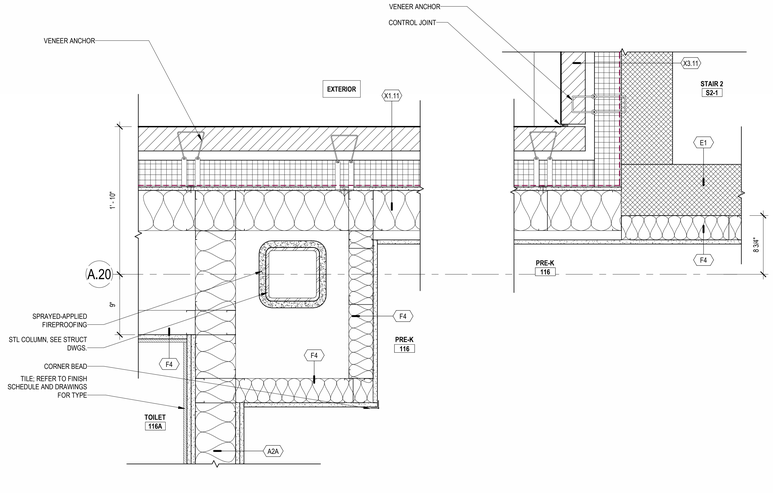
J14 PLAN DETAIL - AREA A LEVEL 1@ A.520 / 1.18
1 1/2" = 1'-0"



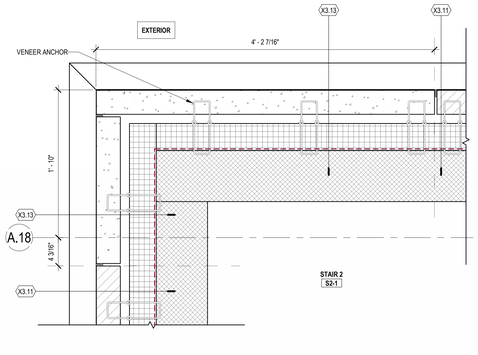
J8 PLAN DETAIL - AREA A LEVEL 1 - A.30/ 1.13
1 1/2" = 1'-0"



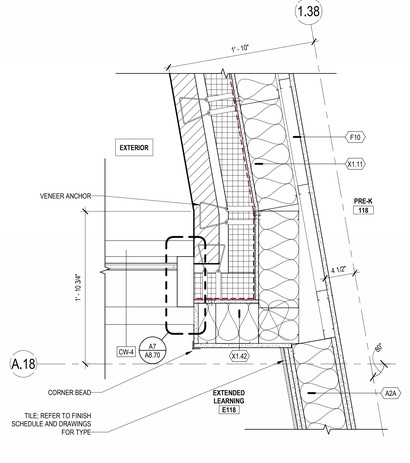
A27 PLAN DETAIL - AREA A LEVEL 1 - A.20/ 1.10
1 1/2" = 1'-0"



A22 PLAN DETAIL - AREA A LEVEL 1 - A.20/ 1.12
1 1/2" = 1'-0"



A13 PLAN DETAIL - AREA A LEVEL 1 - A.18/1.12
1 1/2" = 1'-0"



A6 PLAN DETAIL - AREA A LEVEL 1 - A.18/ 1.38
1 1/2" = 1'-0"

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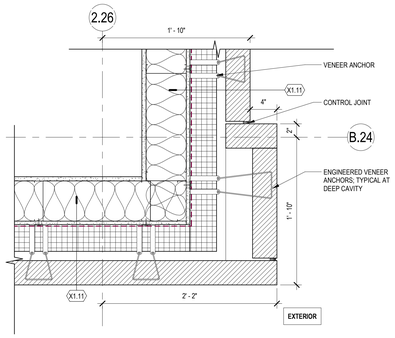
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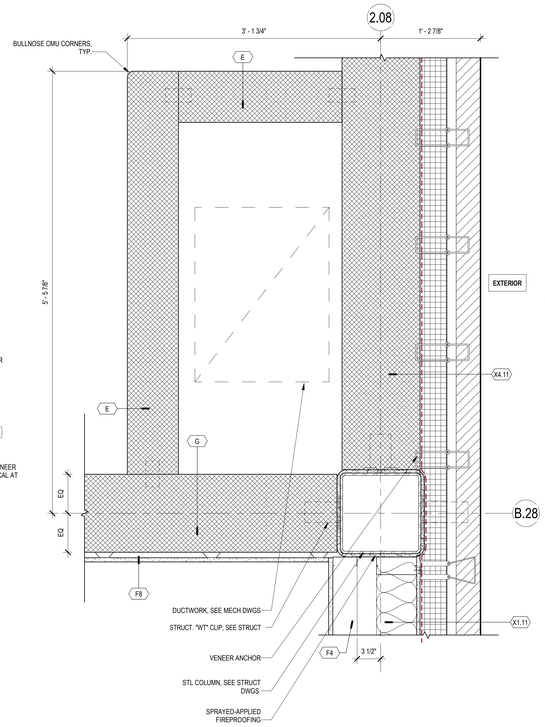
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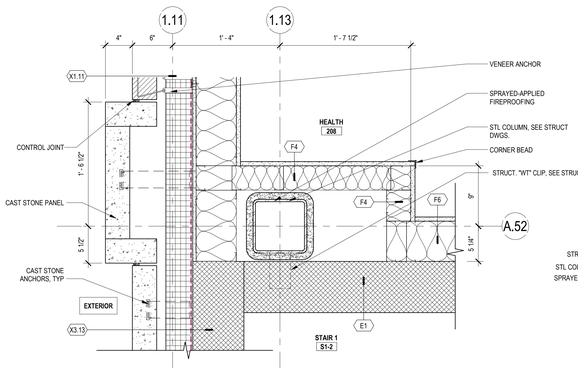
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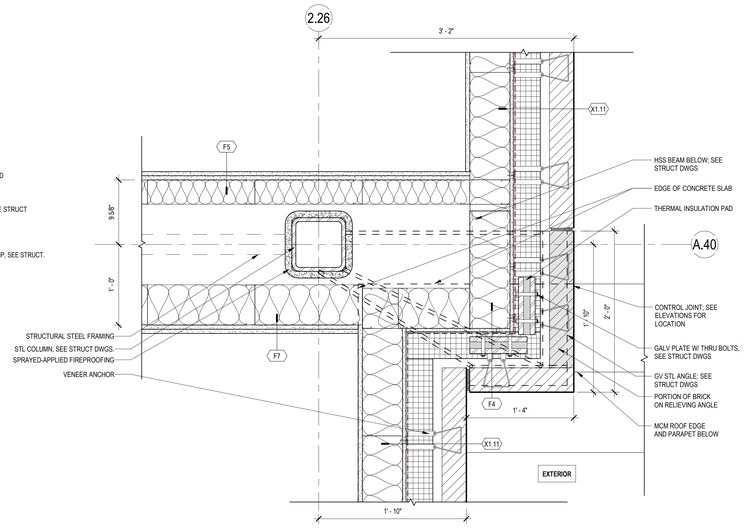
P26 PLAN DETAIL - AREA B LEVEL 2 - B.24/2.26
1 1/2" = 1'-0"



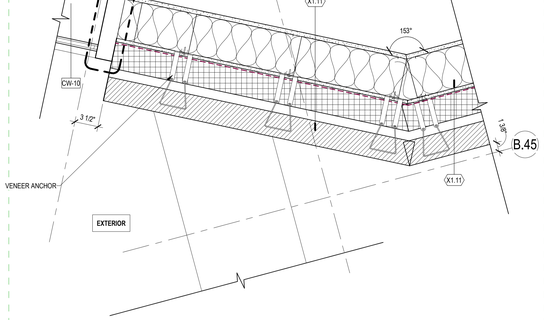
P20 PLAN DETAIL - AREA B LEVEL 2 - B.28/2.08
1 1/2" = 1'-0"



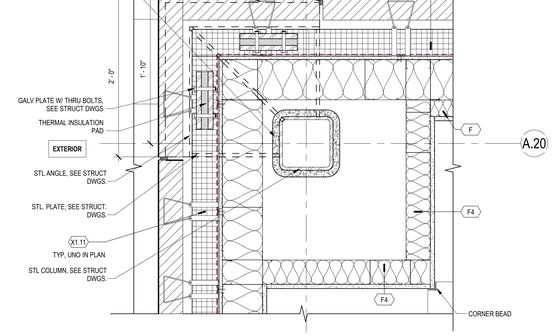
R13 PLAN DETAIL - AREA A LEVEL 2 - A.52/1.11
1 1/2" = 1'-0"



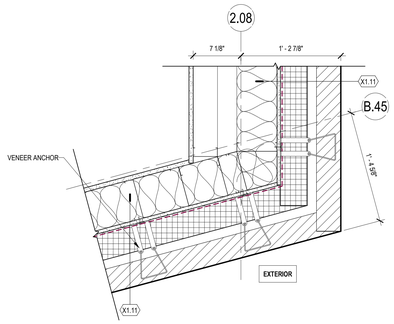
R7 PLAN DETAIL - AREA A LEVEL 2 - A.40/2.26
1 1/2" = 1'-0"



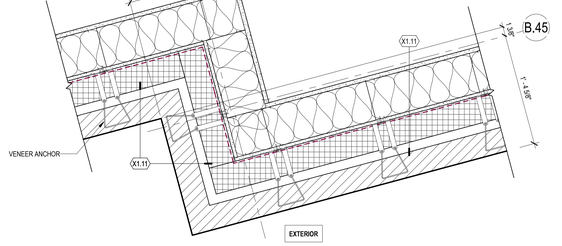
H27 PLAN DETAIL - AREA B LEVEL 2 - B.45/ 1.74 HIGH
1 1/2" = 1'-0"



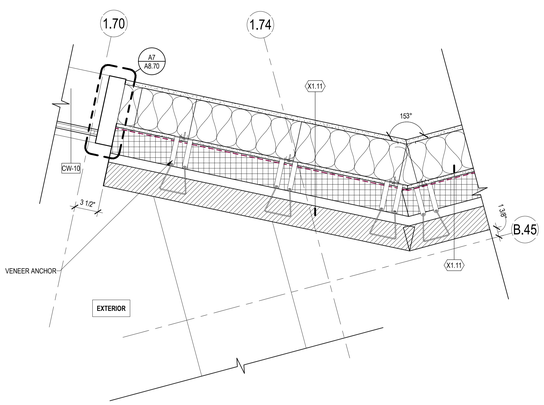
H19 PLAN DETAIL - AREA B LEVEL 2 - A.20/1.12
1 1/2" = 1'-0"



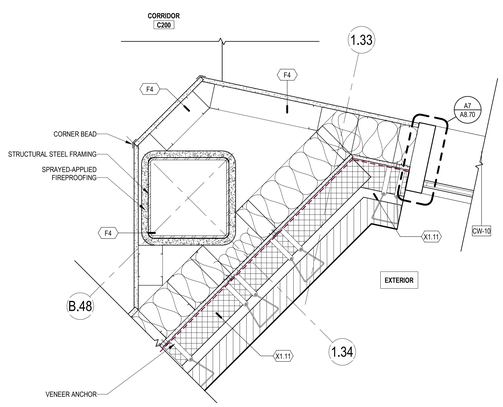
H15 PLAN DETAIL - AREA B LEVEL 2 - B.45/ 2.08
1 1/2" = 1'-0"



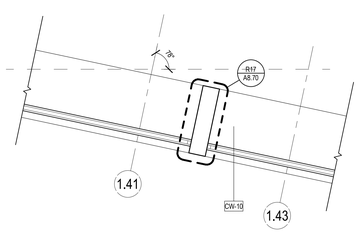
J6 PLAN DETAIL - AREA B LEVEL 2 - B.45/ 1.98
1 1/2" = 1'-0"



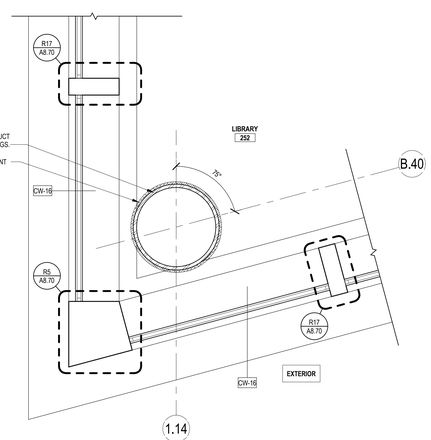
A27 PLAN DETAIL - AREA B LEVEL 2 - B.45/ 1.74
1 1/2" = 1'-0"



A20 PLAN DETAIL - AREA B LEVEL 2 - B.48/ 1.34
1 1/2" = 1'-0"



A12 PLAN DETAIL - AREA B LEVEL 2 - B.34/ 1.42
1 1/2" = 1'-0"



A7 PLAN DETAIL - AREA B LEVEL 2 - B.40/ 1.14
1 1/2" = 1'-0"

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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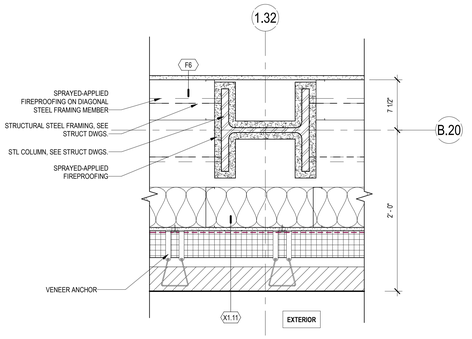
KEY PLAN

ORIENTATION AND SCALE:

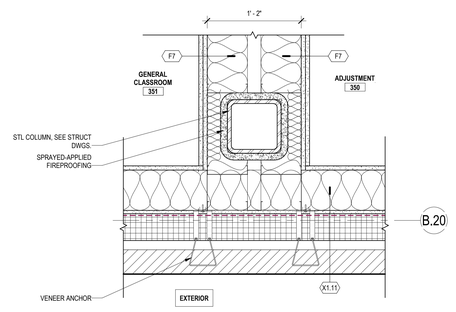
SCALE: AS INDICATED

SHEET TITLE:
PLAN DETAILS

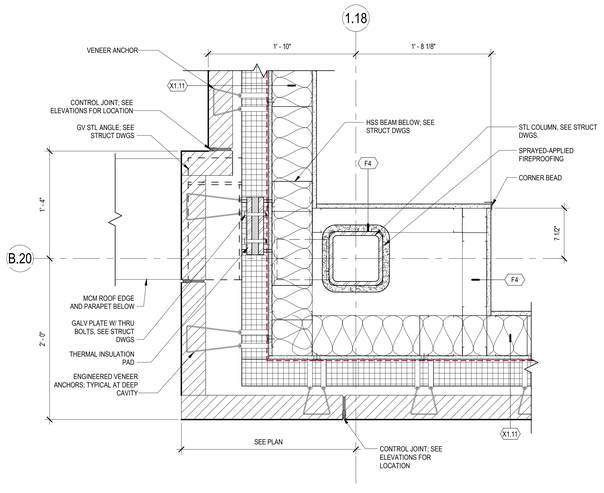
SHEET NUMBER:
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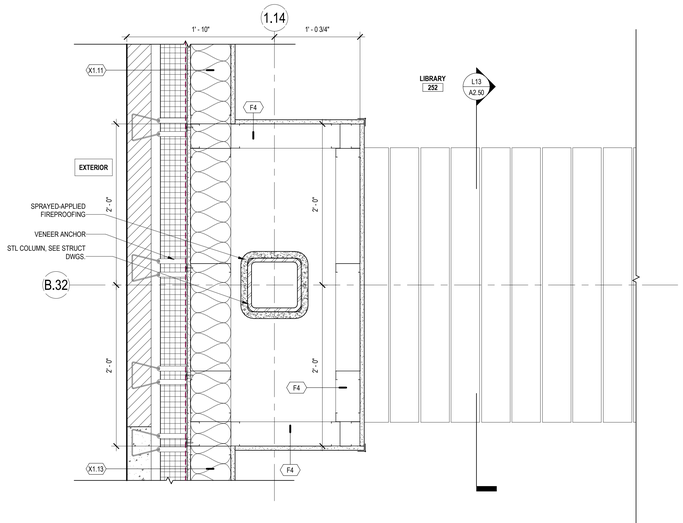
J11 PLAN DETAIL - AREA B LEVEL 3 - B.20/1.32
1 1/2" = 1'-0"



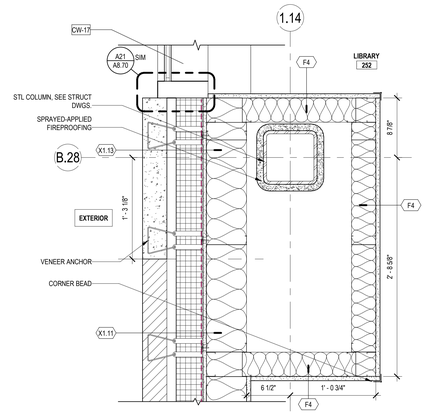
J5 PLAN DETAIL - AREA B LEVEL 3 - B.24/2.26
1 1/2" = 1'-0"



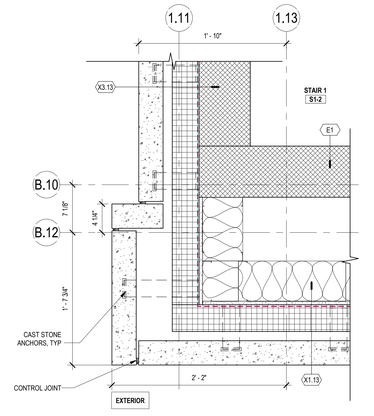
A26 PLAN DETAIL - AREA B LEVEL 3 - B.20/1.18
1 1/2" = 1'-0"



19 PLAN DETAIL - AREA B LEVEL 2 - B.32/1.14
1 1/2" = 1'-0"



A11 PLAN DETAIL - AREA B LEVEL 2 - B.28/1.14
1 1/2" = 1'-0"



A5 PLAN DETAIL - AREA B LEVEL 2 - B.12/1.11
1 1/2" = 1'-0"

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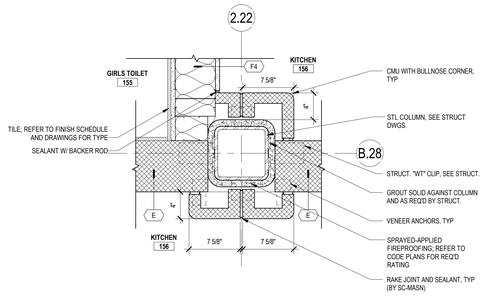
KEY PLAN

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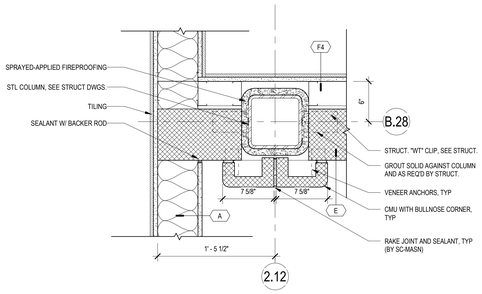
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SHEET TITLE:
PLAN DETAILS

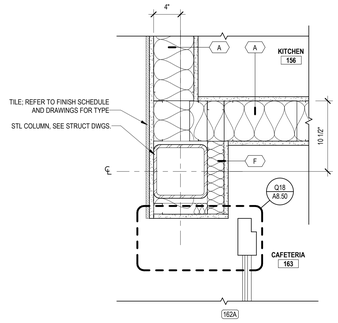
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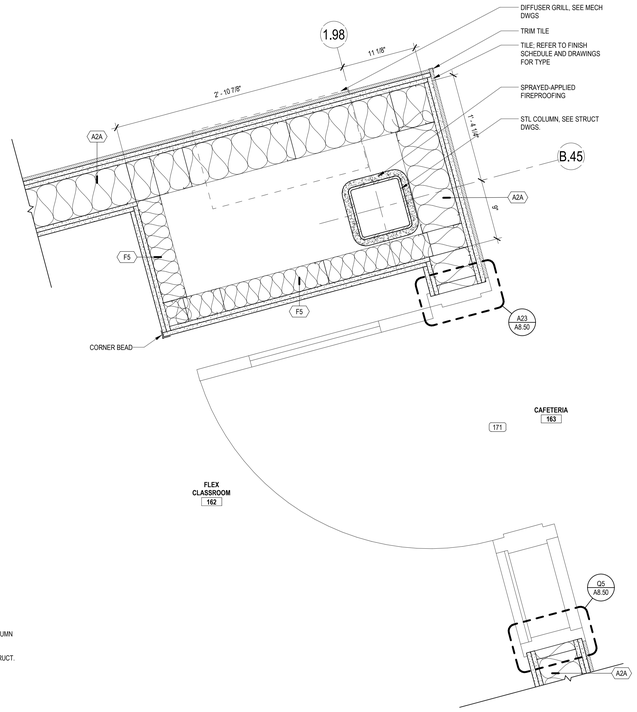
T25 PLAN DETAIL - AREA B LEVEL 1 - B.28/2.22
1 1/2" = 1'-0"

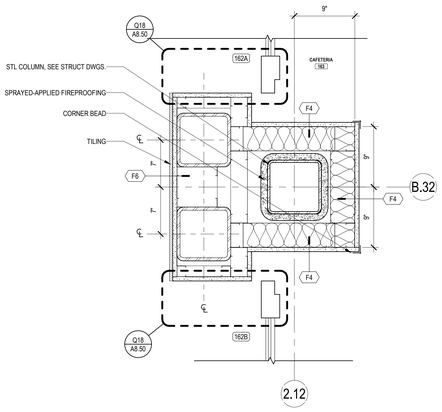


T20 PLAN DETAIL - AREA B LEVEL 1 - B.28/2.12
1 1/2" = 1'-0"

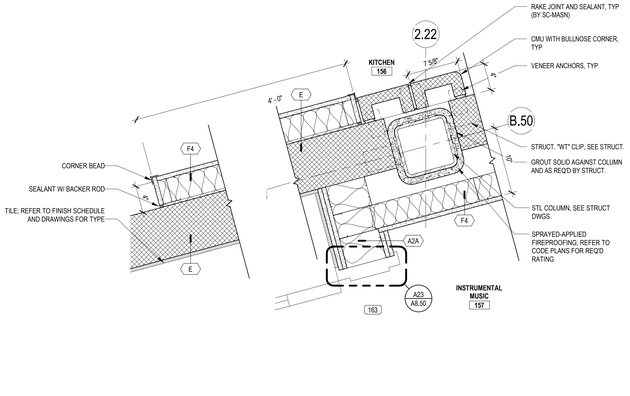


T13 PLAN DETAIL - AREA B LEVEL 1 - 2.12
1 1/2" = 1'-0"

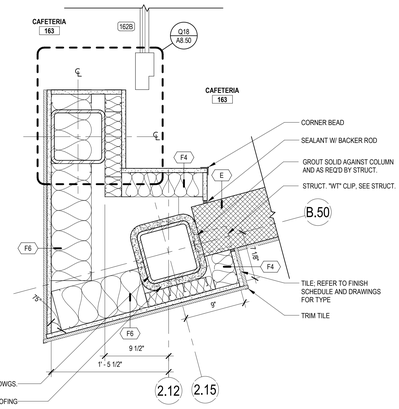




M25 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - B.32/2.12
1 1/2" = 1'-0"

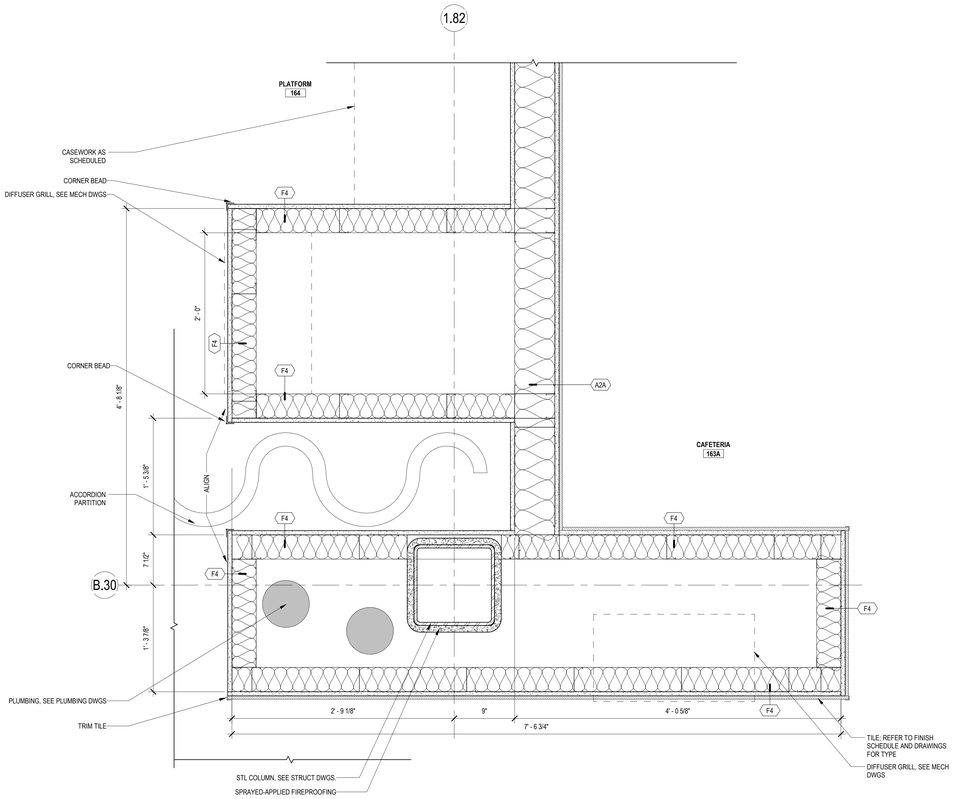


T20 PLAN DETAIL - AREA B LEVEL 1 - B.50/ 2.24
1 1/2" = 1'-0"

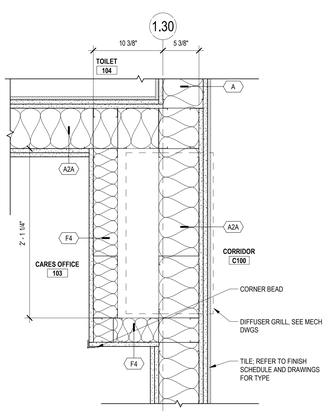


H13 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - B.50/2.15
1 1/2" = 1'-0"

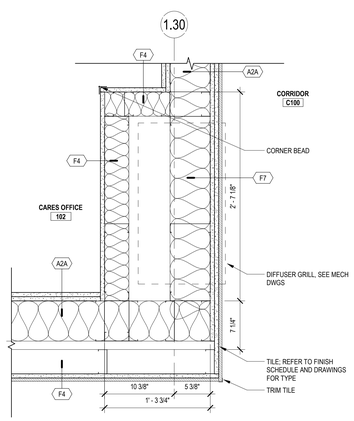
K8 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - B.45/ 1.98
1 1/2" = 1'-0"



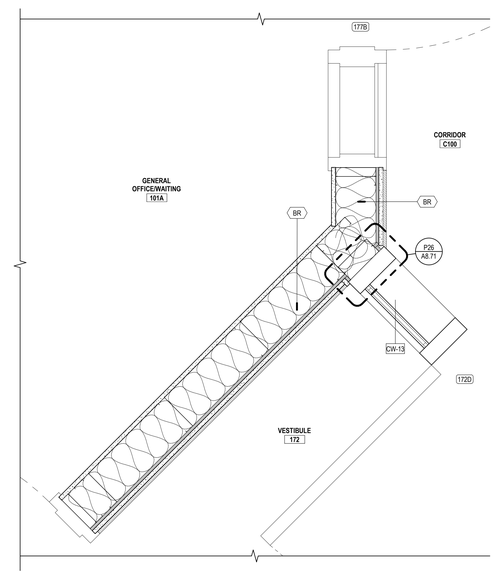
A25 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - B.30/1.82
1 1/2" = 1'-0"



A16 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - 1.30 2
1 1/2" = 1'-0"



A12 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - 1.30
1 1/2" = 1'-0"



A7 INTERIOR PLAN DETAIL - LEVEL 1 AREA B - B.35
1 1/2" = 1'-0"

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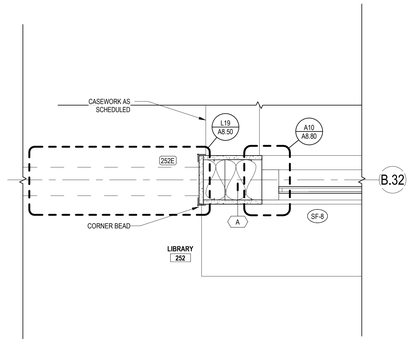
KEY PLAN

ORIENTATION AND SCALE:

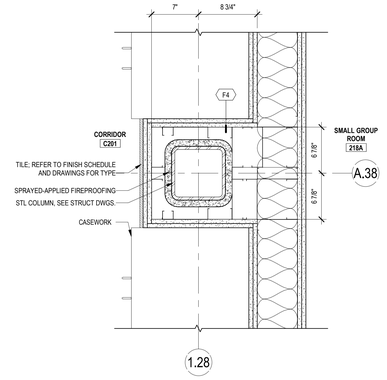
SCALE: AS INDICATED

SHEET TITLE:
PLAN DETAILS - INTERIOR

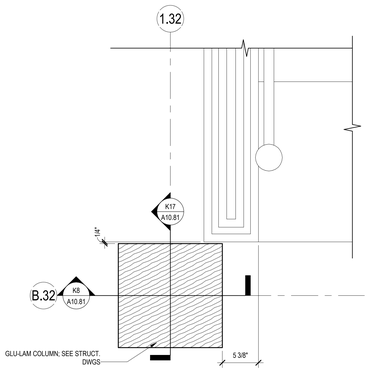
SHEET NUMBER:
A1.60



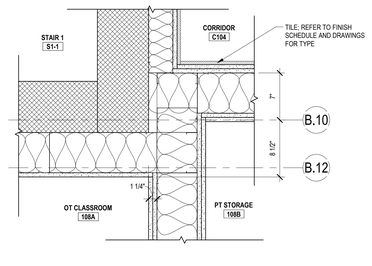
R20 PLAN DETAIL - AREA B LEVEL 2 - B.32
1 1/2" = 1'-0"



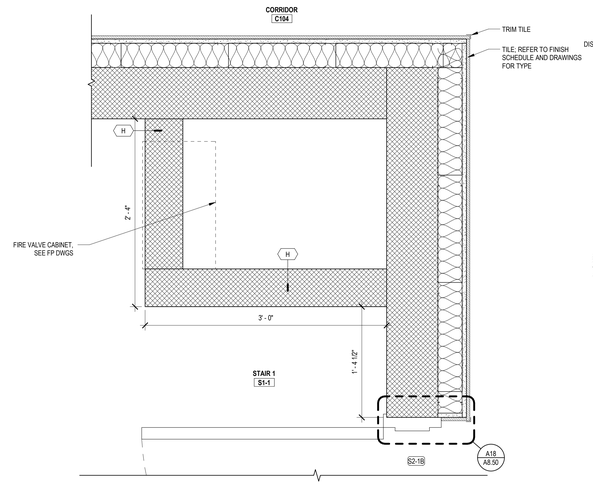
R13 INTERIOR PLAN DETAIL - LEVEL 2 AREA A - A.38/ 1.28
1 1/2" = 1'-0"



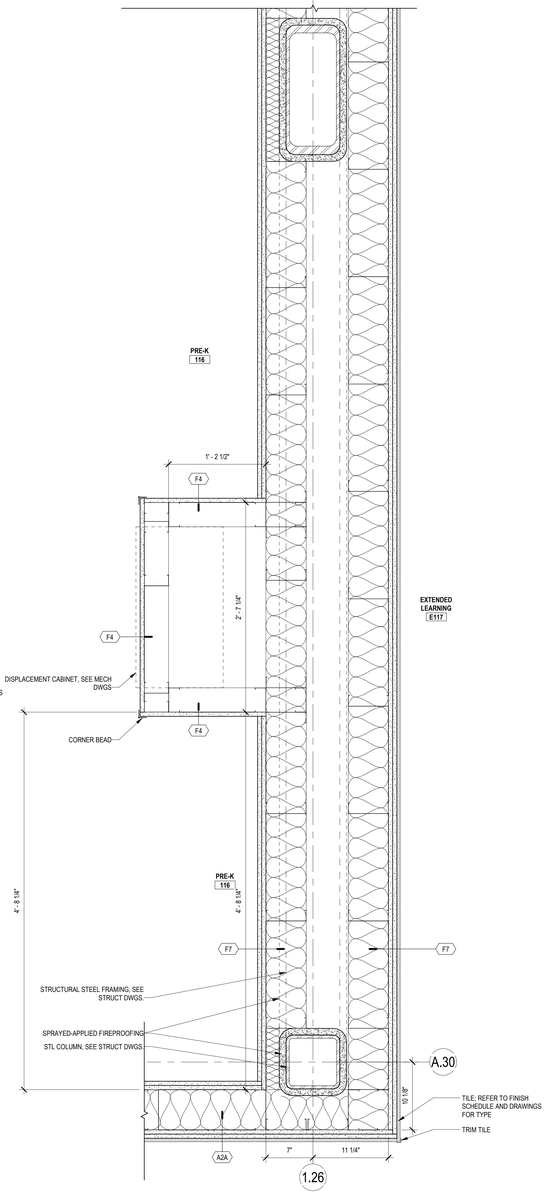
J26 PLAN DETAIL - AREA B LEVEL 2 - B.32/ 1.32
1 1/2" = 1'-0"



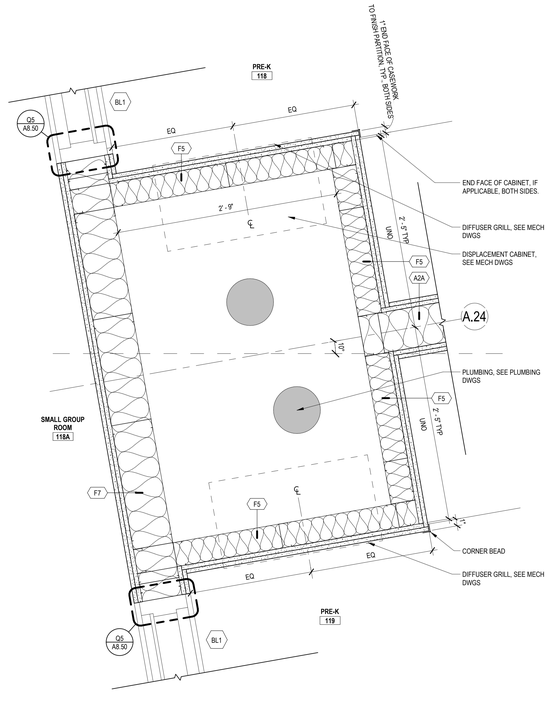
L19 PLAN DETAIL - AREA A LEVEL 1 - B.12
1 1/2" = 1'-0"



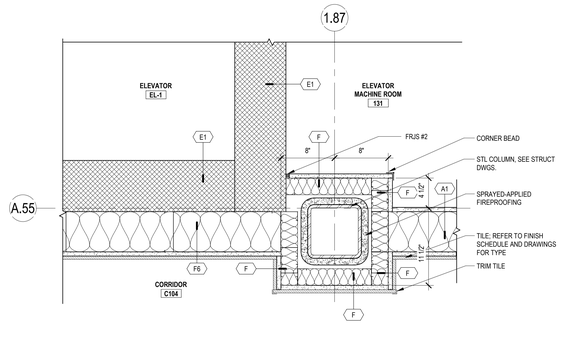
H13 PLAN DETAIL - AREA A LEVEL 1 - A.52
1 1/2" = 1'-0"



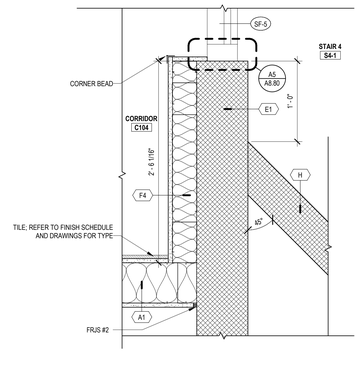
H6 INTERIOR PLAN DETAIL - AREA A LEVEL 1 - A.30/ 1.26
1 1/2" = 1'-0"



A20 INTERIOR PLAN DETAIL - AREA A LEVEL 1 - A.24
1 1/2" = 1'-0"



B13 PLAN DETAIL - AREA A LEVEL 1 - A.55/1.87
1 1/2" = 1'-0"



A5 PLAN DETAIL - AREA B LEVEL 1 - B.10/2.22
1 1/2" = 1'-0"

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KEY PLAN

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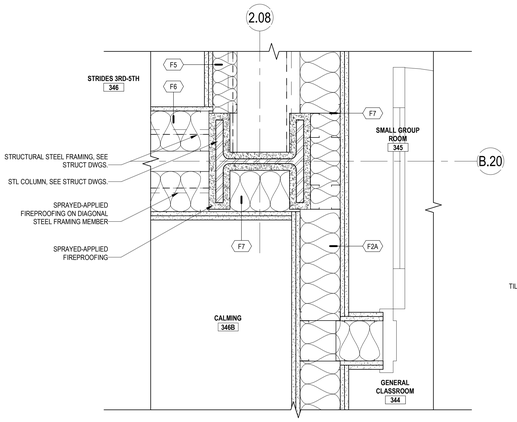
SCALE: AS INDICATED

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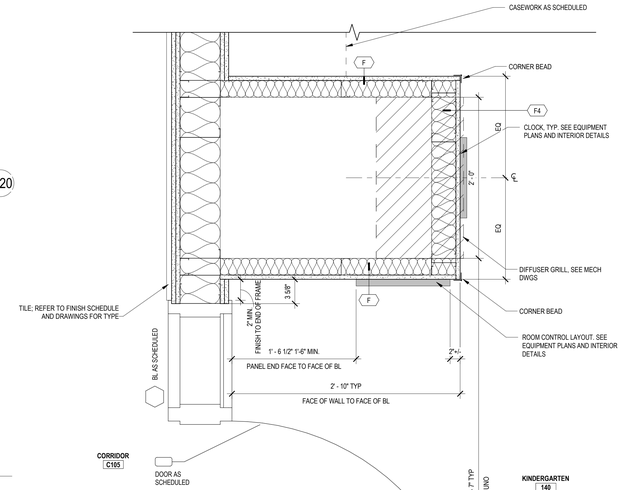
PLAN DETAILS - INTERIOR

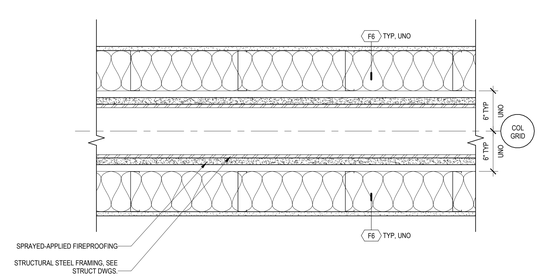
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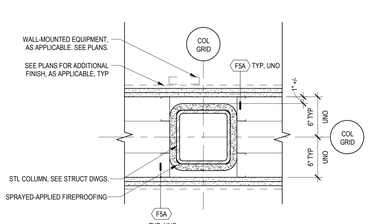


F14 Detail 107
1 1/2" = 1'-0"

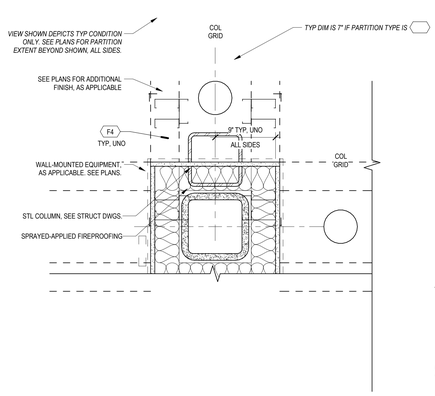




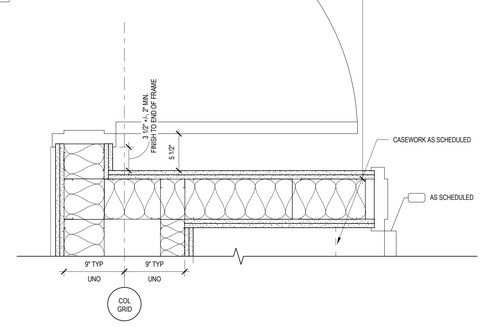
A24 TYP BRACING ENCLOSURE DETAIL
1 1/2" = 1'-0"



A17 TYP COLUMN ENCLOSURE AT TOILET
1 1/2" = 1'-0"



A12 TYP COLUMN ENCLOSURE
1 1/2" = 1'-0"



NOTE:
- SEE 1/8"=1'-0" PLANS FOR ADDITIONAL INFORMATION DIFFER FROM TYP CONDITION.

A7 TYP PLAN DETAIL
1 1/2" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

SCALE: AS INDICATED

SHEET TITLE:
PLAN DETAILS - INTERIOR

SHEET NUMBER:
A1.62

ACCESSORY SCHEDULE:

TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PRE-K GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)

ENLARGED TOILET ROOM GENERAL NOTES

1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT A0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO A0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR".
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET A0.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS :TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
    A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
    B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.

V27 TOILET ELEVATION - 110A EAST 1/4" = 1'-0"
V24 TOILET ELEVATION - 110A NORTH 1/4" = 1'-0"
T27 TOILET ELEVATION - 110A WEST 1/4" = 1'-0"
T24 TOILET ELEVATION - 110A SOUTH 1/4" = 1'-0"
T21 ENLARGED PLAN - TOILET 110A 1/4" = 1'-0"
T17 TOILET ELEVATION - 140A NORTH 1/4" = 1'-0"
T14 TOILET ELEVATION - 138A SOUTH 1/4" = 1'-0"
R27 TOILET ELEVATION - 190C EAST 1/4" = 1'-0"
R24 TOILET ELEVATION - 190C NORTH 1/4" = 1'-0"
P27 TOILET ELEVATION - 190C SOUTH 1/4" = 1'-0"
P24 TOILET ELEVATION - 190C WEST 1/4" = 1'-0"
P21 ENLARGED PLAN - TOILET 190C 1/4" = 1'-0"
R17 TOILET ELEVATION - 138A EAST 1/4" = 1'-0"
R14 TOILET ELEVATION - 138A NORTH 1/4" = 1'-0"
P17 TOILET ELEVATION - 138A WEST 1/4" = 1'-0"
P14 TOILET ELEVATION - 140A EAST 1/4" = 1'-0"
M17 TOILET ELEVATION - 140A SOUTH 1/4" = 1'-0"
M14 TOILET ELEVATION - 140A WEST 1/4" = 1'-0"
M11 ENLARGED PLAN - TOILET 138A & 140A 1/4" = 1'-0"
L27 TOILET ELEVATION - 107B WEST 1/4" = 1'-0"
L24 TOILET ELEVATION - 107B SOUTH 1/4" = 1'-0"
J27 TOILET ELEVATION - 107B EAST 1/4" = 1'-0"
J24 TOILET ELEVATION - 107B NORTH 1/4" = 1'-0"
J21 ENLARGED PLAN - TOILET 107B 1/4" = 1'-0"
J17 TOILET ELEVATION - 112A WEST 1/4" = 1'-0"
J14 TOILET ELEVATION - 112A SOUTH 1/4" = 1'-0"
J11 TOILET ELEVATION - 112A EAST 1/4" = 1'-0"
J9 TOILET ELEVATION - 112A NORTH 1/4" = 1'-0"
G6 ENLARGED PLAN - TOILET 112A & 114A 1/4" = 1'-0"
G27 TOILET ELEVATION - 134A WEST 1/4" = 1'-0"
G24 TOILET ELEVATION - 134A SOUTH 1/4" = 1'-0"
E27 TOILET ELEVATION - 134A - EAST 1/4" = 1'-0"
E24 TOILET ELEVATION - 134A NORTH 1/4" = 1'-0"
E21 ENLARGED PLAN - TOILET 134A 1/4" = 1'-0"
G17 TOILET ELEVATION - 114A WEST 1/4" = 1'-0"
G14 TOILET ELEVATION - 114A SOUTH 1/4" = 1'-0"
G11 TOILET ELEVATION - 114A EAST 1/4" = 1'-0"
G9 TOILET ELEVATION - 114A NORTH 1/4" = 1'-0"
C27 TOILET ELEVATION - 115B WEST 1/4" = 1'-0"
C24 TOILET ELEVATION - 115B SOUTH 1/4" = 1'-0"
A27 TOILET ELEVATION - 115B EAST 1/4" = 1'-0"
A24 TOILET ELEVATION - 115B NORTH 1/4" = 1'-0"
A21 ENLARGED PLAN - TOILET 115B 1/4" = 1'-0"
C17 TOILET ELEVATION - 135A WEST 1/4" = 1'-0"
C14 TOILET ELEVATION - 135A SOUTH 1/4" = 1'-0"
C11 TOILET ELEVATION - 137A WEST 1/4" = 1'-0"
C9 TOILET ELEVATION - 137A SOUTH 1/4" = 1'-0"
A17 TOILET ELEVATION - 135A EAST 1/4" = 1'-0"
A14 TOILET ELEVATION - 135A NORTH 1/4" = 1'-0"
A11 TOILET ELEVATION - 137A EAST 1/4" = 1'-0"
A9 TOILET ELEVATION - 137A NORTH 1/4" = 1'-0"
A6 ENLARGED PLAN - TOILET 135A & 137A 1/4" = 1'-0"

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

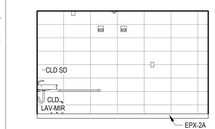
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A1.70

ENLARGED TOILET ROOM GENERAL NOTES

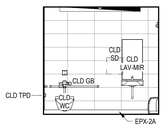
1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT AG0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO AG0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR".
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET A9.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS. TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
   A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
   B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.

ACCESSORY SCHEDULE:

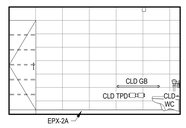
TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PREˆK GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)



V19 TOILET ELEVATION - 132B WEST
1/4" = 1'-0"



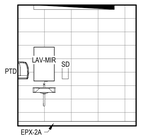
V16 TOILET ELEVATION - 132B SOUTH
1/4" = 1'-0"



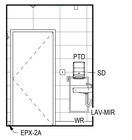
V14 TOILET ELEVATION - 132B EAST
1/4" = 1'-0"



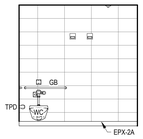
V11 TOILET ELEVATION - 132B NORTH
1/4" = 1'-0"



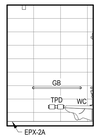
S19 TOILET ELEVATION - 125B WEST
1/4" = 1'-0"



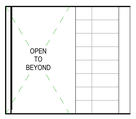
S16 TOILET ELEVATION - 125B SOUTH
1/4" = 1'-0"



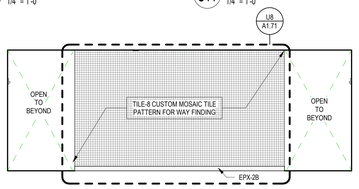
S14 TOILET ELEVATION - 125B EAST
1/4" = 1'-0"



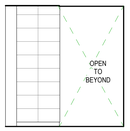
S11 TOILET ELEVATION - 125B NORTH
1/4" = 1'-0"



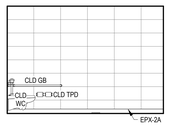
N16 TOILET ELEVATION - 128 NORTH 2
1/4" = 1'-0"



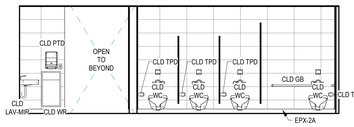
N14 TOILET ELEVATION - 128 WEST 2
1/4" = 1'-0"



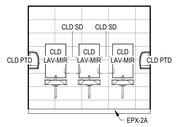
L27 TOILET ELEVATION - 128 SOUTH 2
1/4" = 1'-0"



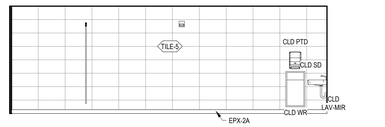
L24 TOILET ELEVATION - 128 WEST
1/4" = 1'-0"



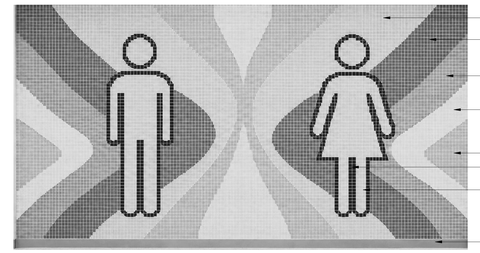
L21 TOILET ELEVATION - 128 SOUTH
1/4" = 1'-0"



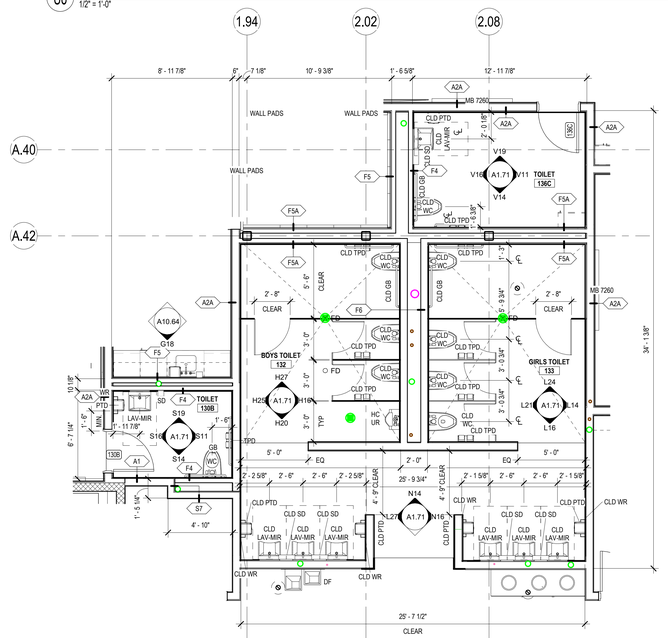
L16 TOILET ELEVATION - 128 EAST
1/4" = 1'-0"



L14 TOILET ELEVATION - 128 NORTH
1/4" = 1'-0"



U8 WAYFINDING MOSAIC AT TOILET ROOMS
1/2" = 1'-0"

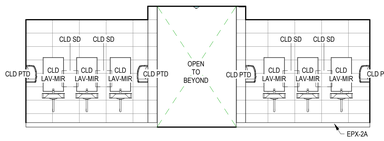


L9 ENLARGED PLAN - TOILET 125B, 126, 127,128 & 132B
1/4" = 1'-0"

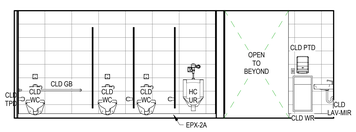


H27 TOILET ELEVATION - 127 WEST
1/4" = 1'-0"

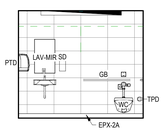
H25 TOILET ELEVATION - 127 SOUTH
1/4" = 1'-0"



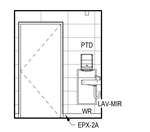
H20 TOILET ELEVATION - 127 EAST
1/4" = 1'-0"



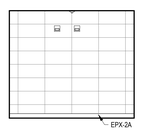
H16 TOILET ELEVATION - 127 NORTH
1/4" = 1'-0"



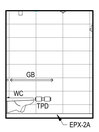
H11 TOILET ELEVATION - 119 WEST
1/4" = 1'-0"



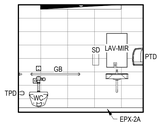
H8 TOILET ELEVATION - 119 SOUTH
1/4" = 1'-0"



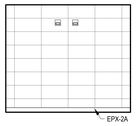
H5 TOILET ELEVATION - 119 EAST
1/4" = 1'-0"



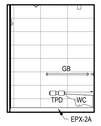
H3 TOILET ELEVATION - 119 NORTH
1/4" = 1'-0"



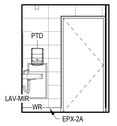
F26 TOILET ELEVATION - 118 EAST
1/4" = 1'-0"



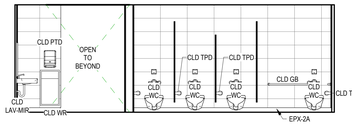
F23 TOILET ELEVATION - 118 WEST
1/4" = 1'-0"



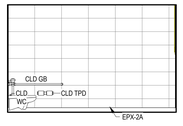
F21 TOILET ELEVATION - 118 NORTH
1/4" = 1'-0"



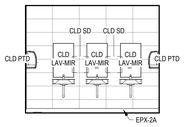
F19 TOILET ELEVATION - 118 SOUTH
1/4" = 1'-0"



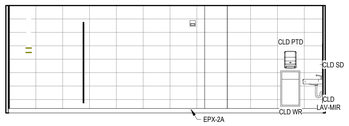
F16 TOILET ELEVATION - 121 SOUTH
1/4" = 1'-0"



F12 TOILET ELEVATION - 121 WEST
1/4" = 1'-0"



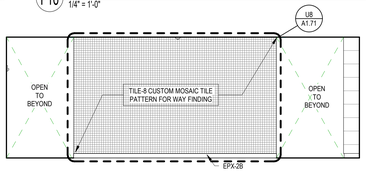
C26 TOILET ELEVATION - 121 EAST
1/4" = 1'-0"



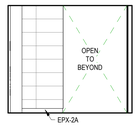
C23 TOILET ELEVATION - 121 NORTH
1/4" = 1'-0"



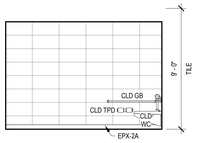
C19 TOILET ELEVATION - 120 NORTH 2
1/4" = 1'-0"



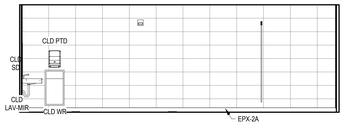
C16 TOILET ELEVATION - 120 WEST 2
1/4" = 1'-0"



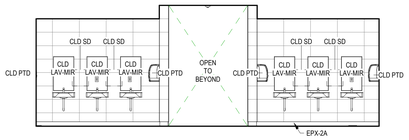
C12 TOILET ELEVATION - 120 SOUTH 2
1/4" = 1'-0"



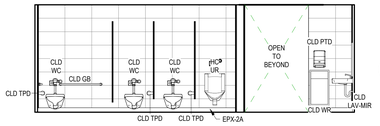
A26 TOILET ELEVATION - 120 WEST
1/4" = 1'-0"



A23 TOILET ELEVATION - 120 SOUTH
1/4" = 1'-0"



A19 TOILET ELEVATION - 120 EAST
1/4" = 1'-0"



A13 TOILET ELEVATION - 120 NORTH
1/4" = 1'-0"

A9 ENLARGED PLAN - TOILET 118, 119, 120 & 121
1/4" = 1'-0"

DORE + WHITTIER

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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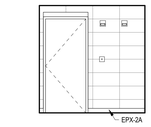
KEY PLAN

ORIENTATION AND SCALE:

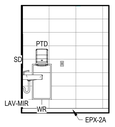
N
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

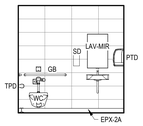
SHEET NUMBER:
A1.71



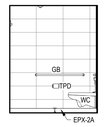
R14 TOILET ELEVATION - 189B WEST
1/4" = 1'-0"



R12 TOILET ELEVATION - 189B SOUTH
1/4" = 1'-0"



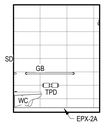
R9 TOILET ELEVATION - 189B EAST
1/4" = 1'-0"



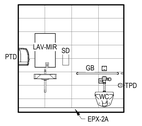
R7 TOILET ELEVATION - 189B NORTH
1/4" = 1'-0"



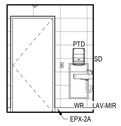
P14 TOILET ELEVATION - 173 WEST
1/4" = 1'-0"



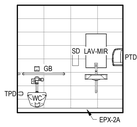
P12 TOILET ELEVATION - 173 SOUTH
1/4" = 1'-0"



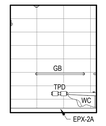
P9 TOILET ELEVATION - 173 EAST
1/4" = 1'-0"



P7 TOILET ELEVATION - 173 NORTH
1/4" = 1'-0"



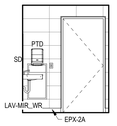
M14 TOILET ELEVATION - 174 WEST
1/4" = 1'-0"



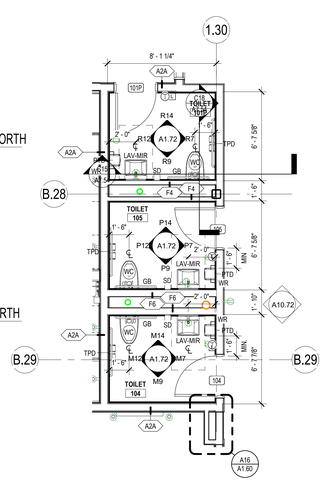
M12 TOILET ELEVATION - 174 SOUTH
1/4" = 1'-0"



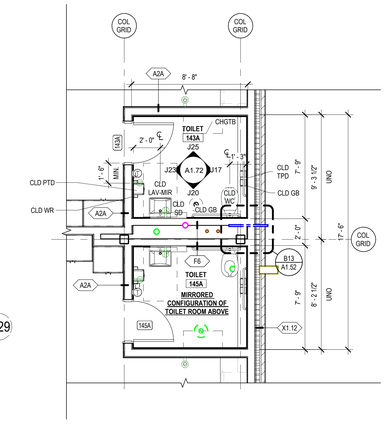
M9 TOILET ELEVATION - 174 EAST
1/4" = 1'-0"



M7 TOILET ELEVATION - 174 NORTH
1/4" = 1'-0"



M4 ENLARGED PLAN - TOILET 173, 174, 189B
1/4" = 1'-0"



F14 ENLARGED PLAN - TOILET 143A & 145A
1/4" = 1'-0"

ENLARGED TOILET ROOM GENERAL NOTES

1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT AG0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO AG0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR".
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET A9.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS :TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
    A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
    B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.

ACCESSORY SCHEDULE:

TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PRE-K GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)



N27 TOILET ELEVATION - 253 WEST
1/4" = 1'-0"



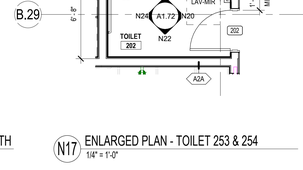
N24 TOILET ELEVATION - 253 SOUTH
1/4" = 1'-0"



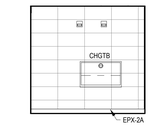
N22 TOILET ELEVATION - 253 EAST
1/4" = 1'-0"



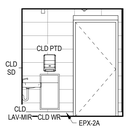
N20 TOILET ELEVATION - 253 NORTH
1/4" = 1'-0"



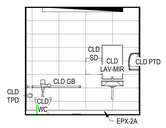
N17 ENLARGED PLAN - TOILET 253 & 254
1/4" = 1'-0"



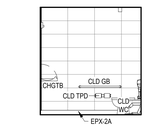
J25 TOILET ELEVATION - 143A WEST
1/4" = 1'-0"



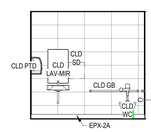
J23 TOILET ELEVATION - 143A SOUTH
1/4" = 1'-0"



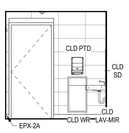
J20 TOILET ELEVATION - 143A EAST
1/4" = 1'-0"



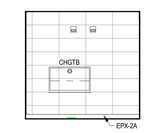
J17 TOILET ELEVATION - 143A NORTH
1/4" = 1'-0"



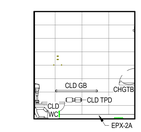
F25 TOILET ELEVATION - 145A WEST
1/4" = 1'-0"



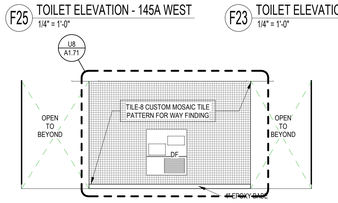
F23 TOILET ELEVATION - 145A SOUTH
1/4" = 1'-0"



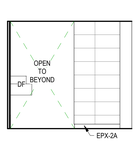
F20 TOILET ELEVATION - 145A EAST
1/4" = 1'-0"



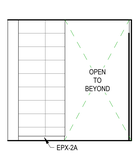
F17 TOILET ELEVATION - 145A NORTH
1/4" = 1'-0"



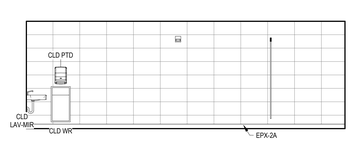
D27 TOILET ELEVATION - 157 NORTH 2
1/4" = 1'-0"



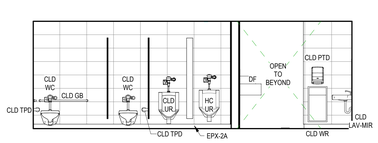
D23 TOILET ELEVATION - 157 EAST 2
1/4" = 1'-0"



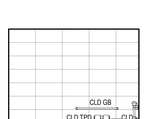
D20 TOILET ELEVATION - 157 WEST 2
1/4" = 1'-0"



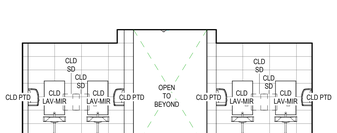
D17 TOILET ELEVATION - 157 WEST
1/4" = 1'-0"



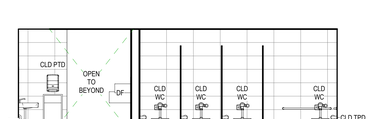
D12 TOILET ELEVATION - 157 EAST
1/4" = 1'-0"



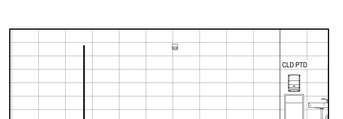
A27 TOILET ELEVATION - 157 NORTH
1/4" = 1'-0"



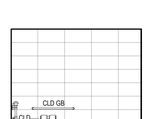
A24 TOILET ELEVATION - 157 SOUTH
1/4" = 1'-0"



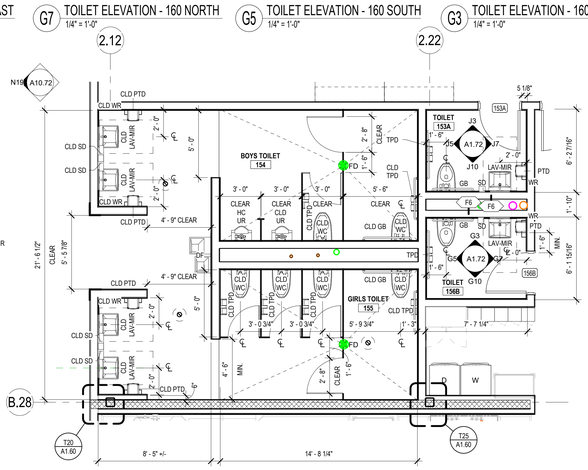
A20 TOILET ELEVATION - 158 WEST
1/4" = 1'-0"



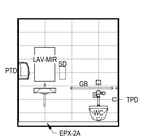
A15 TOILET ELEVATION - 158 EAST
1/4" = 1'-0"



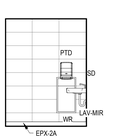
A10 TOILET ELEVATION - 158 NORTH
1/4" = 1'-0"



A7 ENLARGED PLAN - TOILET 157, 158, 159 & 160
1/4" = 1'-0"



J10 TOILET ELEVATION - 159 EAST
1/4" = 1'-0"



J7 TOILET ELEVATION - 159 NORTH
1/4" = 1'-0"

J5 TOILET ELEVATION - 159 SOUTH
1/4" = 1'-0"

J3 TOILET ELEVATION - 159 WEST
1/4" = 1'-0"

G10 TOILET ELEVATION - 160 EAST
1/4" = 1'-0"

G7 TOILET ELEVATION - 160 NORTH
1/4" = 1'-0"

G5 TOILET ELEVATION - 160 SOUTH
1/4" = 1'-0"

G3 TOILET ELEVATION - 160 WEST
1/4" = 1'-0"

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

PROJECT NORTH
TRUE NORTH
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

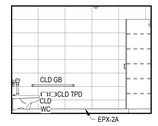
SHEET NUMBER:
A1.72

ENLARGED TOILET ROOM GENERAL NOTES

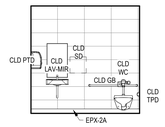
1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT AG0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO AG0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR".
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET A9.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS :TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
   A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
   B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.

ACCESSORY SCHEDULE:

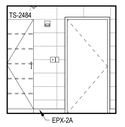
TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PRE-K GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)



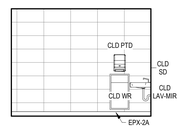
T16 TOILET ELEVATION - 218B EAST
1/4" = 1'-0"



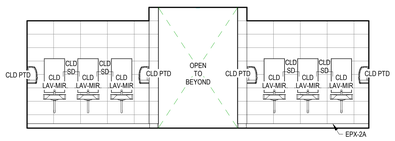
T14 TOILET ELEVATION - 218B NORTH
1/4" = 1'-0"



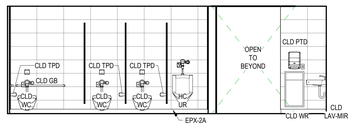
T11 TOILET ELEVATION - 218B SOUTH
1/4" = 1'-0"



R16 TOILET ELEVATION - 218B WEST
1/4" = 1'-0"



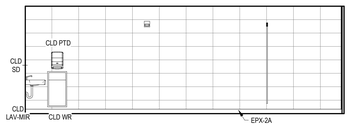
R14 TOILET ELEVATION - 219 EAST
1/4" = 1'-0"



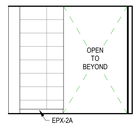
P27 TOILET ELEVATION - 219 NORTH
1/4" = 1'-0"



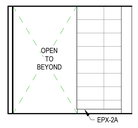
P22 TOILET ELEVATION - 219 WEST
1/4" = 1'-0"



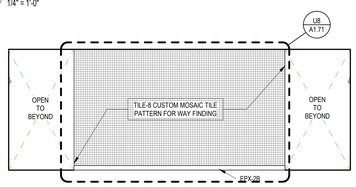
P19 TOILET ELEVATION - 219 SOUTH
1/4" = 1'-0"



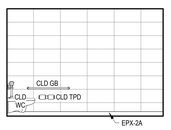
P14 TOILET ELEVATION - 219 SOUTH 2
1/4" = 1'-0"



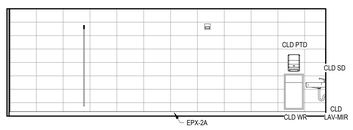
P11 TOILET ELEVATION - 219 NORTH 2
1/4" = 1'-0"



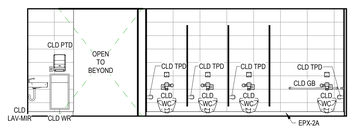
L27 TOILET ELEVATION - 219 WEST 2
1/4" = 1'-0"



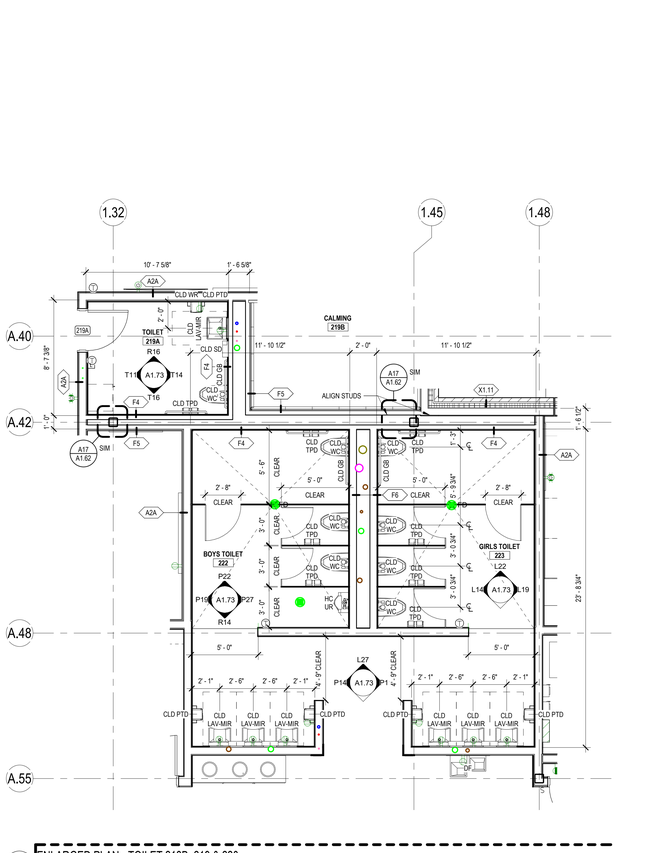
L22 TOILET ELEVATION - 220 WEST
1/4" = 1'-0"



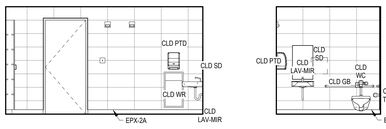
L19 TOILET ELEVATION - 220 NORTH
1/4" = 1'-0"



L14 TOILET ELEVATION - 220 SOUTH
1/4" = 1'-0"

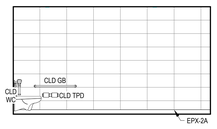


L9 ENLARGED PLAN - TOILET 218B, 219 & 220
1/4" = 1'-0"

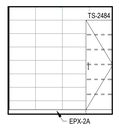


J27 TOILET ELEVATION 231B WEST
1/4" = 1'-0"

J24 TOILET ELEVATION 231B NORTH
1/4" = 1'-0"



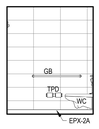
J22 TOILET ELEVATION 231B EAST
1/4" = 1'-0"



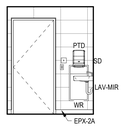
J19 TOILET ELEVATION 231B SOUTH
1/4" = 1'-0"



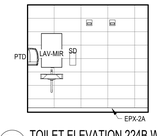
J17 TOILET ELEVATION 224B EAST
1/4" = 1'-0"



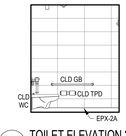
J14 TOILET ELEVATION 224B NORTH
1/4" = 1'-0"



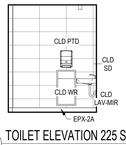
J11 TOILET ELEVATION 224B SOUTH
1/4" = 1'-0"



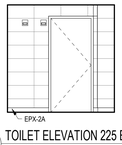
F27 TOILET ELEVATION 224B WEST
1/4" = 1'-0"



F24 TOILET ELEVATION 225 NORTH
1/4" = 1'-0"



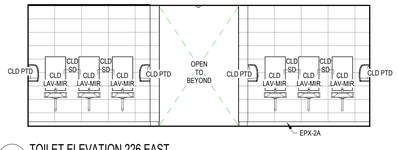
F21 TOILET ELEVATION 225 SOUTH
1/4" = 1'-0"



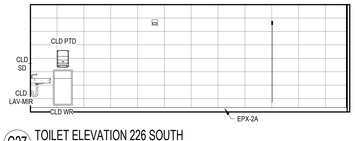
F19 TOILET ELEVATION 225 EAST
1/4" = 1'-0"



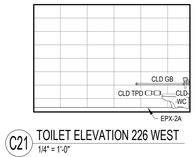
F17 TOILET ELEVATION 225 WEST
1/4" = 1'-0"



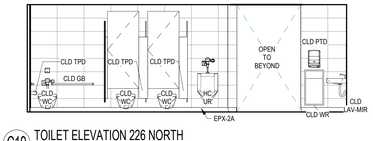
F14 TOILET ELEVATION 226 EAST
1/4" = 1'-0"



C27 TOILET ELEVATION 226 SOUTH
1/4" = 1'-0"



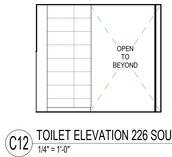
C21 TOILET ELEVATION 226 WEST
1/4" = 1'-0"



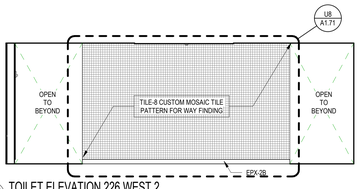
C19 TOILET ELEVATION 226 NORTH
1/4" = 1'-0"



C14 TOILET ELEVATION 226 NORTH 2
1/4" = 1'-0"



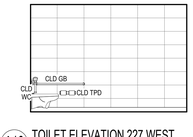
C12 TOILET ELEVATION 226 SOUTH 2
1/4" = 1'-0"



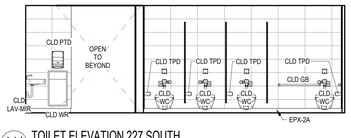
A27 TOILET ELEVATION 226 WEST 2
1/4" = 1'-0"



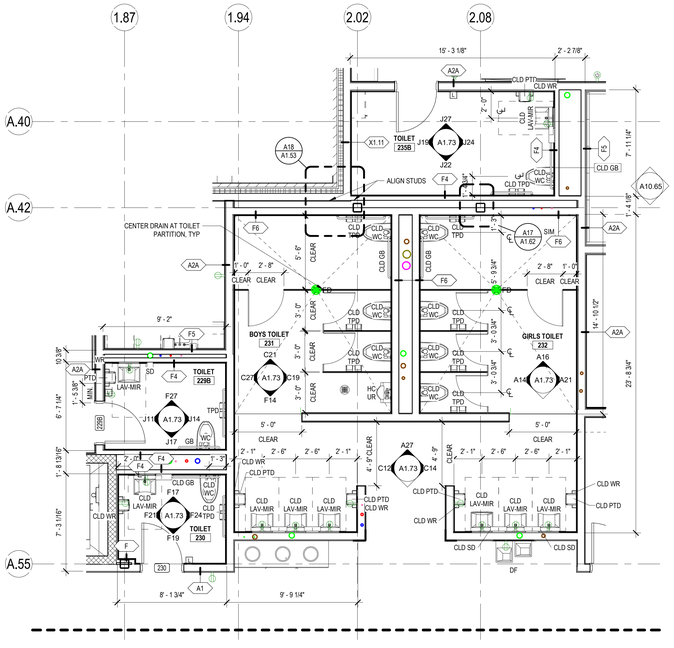
A21 TOILET ELEVATION 227 NORTH
1/4" = 1'-0"



A16 TOILET ELEVATION 227 WEST
1/4" = 1'-0"



A14 TOILET ELEVATION 227 SOUTH
1/4" = 1'-0"



A9 ENLARGED PLAN - TOILET 224B, 225, 226, 227 & 231B
1/4" = 1'-0"

DORE + WHITTIER

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH
0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

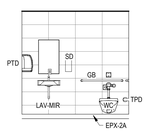
SHEET NUMBER:
A1.73

ACCESSORY SCHEDULE:

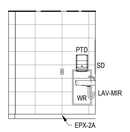
TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PRE-K GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)

ENLARGED TOILET ROOM GENERAL NOTES

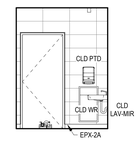
1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT AG0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO AG0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR"
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET A9.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS :TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
   A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
   B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.



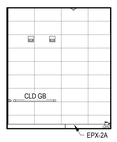
L26 TOILET ELEVATION - 328 WEST
1/4" = 1'-0"



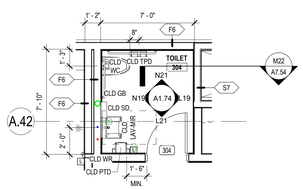
L24 TOILET ELEVATION - 328 SOUTH
1/4" = 1'-0"



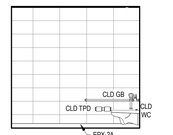
L21 TOILET ELEVATION - 307 EAST
1/4" = 1'-0"



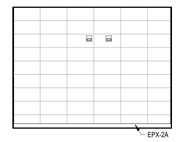
L19 TOILET ELEVATION - 307 NORTH
1/4" = 1'-0"



L16 ENLARGED PLAN - TOILET 307
1/4" = 1'-0"



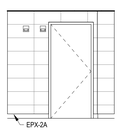
L12 TOILET ELEVATION - 357B EAST
1/4" = 1'-0"



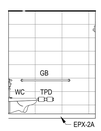
L9 TOILET ELEVATION - 357B NORTH
1/4" = 1'-0"



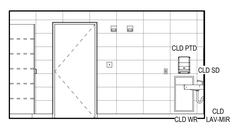
L6 ENLARGED PLAN - TOILET 357B
1/4" = 1'-0"



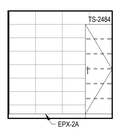
H26 TOILET ELEVATION - 328 EAST
1/4" = 1'-0"



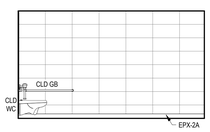
H24 TOILET ELEVATION - 328 NORTH
1/4" = 1'-0"



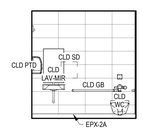
H21 TOILET ELEVATION - 334B WEST
1/4" = 1'-0"



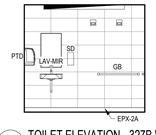
H18 TOILET ELEVATION - 334B SOUTH
1/4" = 1'-0"



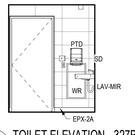
H15 TOILET ELEVATION - 334B EAST
1/4" = 1'-0"



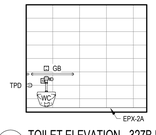
H12 TOILET ELEVATION - 334B NORTH
1/4" = 1'-0"



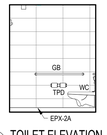
F26 TOILET ELEVATION - 327B WEST
1/4" = 1'-0"



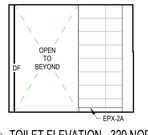
F23 TOILET ELEVATION - 327B SOUTH
1/4" = 1'-0"



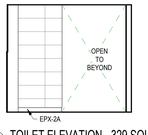
F21 TOILET ELEVATION - 327B EAST
1/4" = 1'-0"



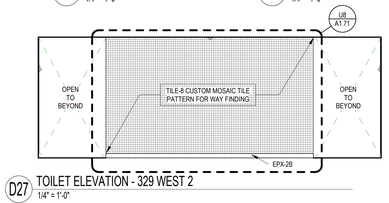
F18 TOILET ELEVATION - 327B NORTH
1/4" = 1'-0"



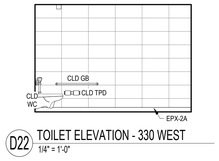
F15 TOILET ELEVATION - 329 NORTH 2
1/4" = 1'-0"



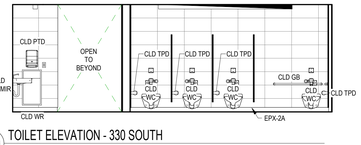
F12 TOILET ELEVATION - 329 SOUTH 2
1/4" = 1'-0"



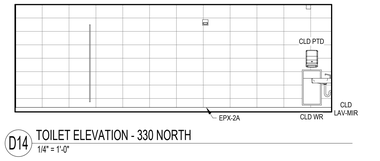
D27 TOILET ELEVATION - 329 WEST 2
1/4" = 1'-0"



D22 TOILET ELEVATION - 330 WEST
1/4" = 1'-0"



D19 TOILET ELEVATION - 330 SOUTH
1/4" = 1'-0"



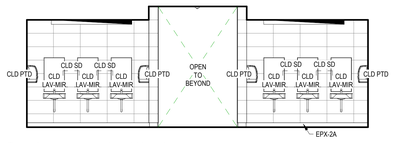
D14 TOILET ELEVATION - 330 NORTH
1/4" = 1'-0"



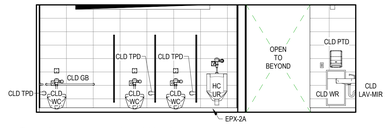
A27 TOILET ELEVATION - 329 WEST
1/4" = 1'-0"



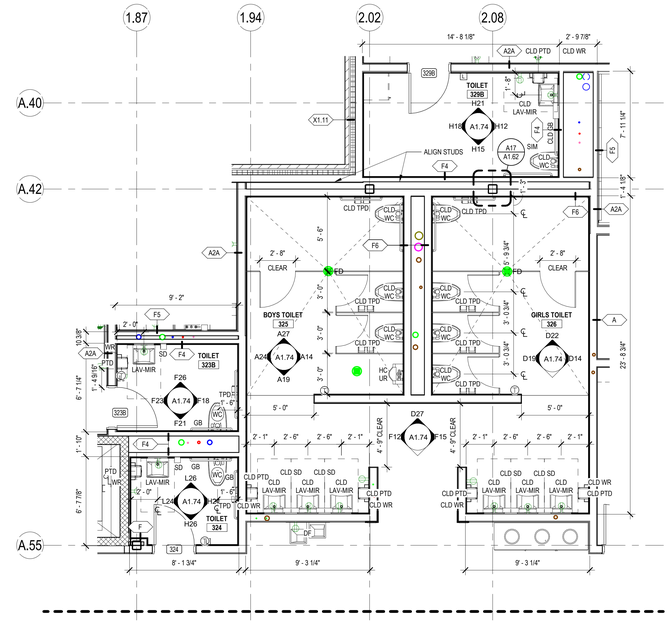
A24 TOILET ELEVATION - 329 SOUTH
1/4" = 1'-0"



A19 TOILET ELEVATION - 329 EAST
1/4" = 1'-0"



A14 TOILET ELEVATION - 329 NORTH
1/4" = 1'-0"



A9 ENLARGED PLAN - TOILET 327B, 329, 330 & 334B
1/4" = 1'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

N
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

SHEET NUMBER:
A1.74

ACCESSORY SCHEDULE:

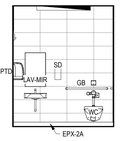
TPD	TOILET PAPER DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PTD	PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD PTD	CHILD PAPER TOWEL DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SD	SOAP DISPENSER	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
HSD	HAND SANITIZER DISPENSER	OWNER FURNISHED / OWNER INSTALLED (OF/OI) (CONTRACTOR TO PROVIDE BLOCKING)
GB	GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD GB	CHILD GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
PK GB	PRE-K GRAB BAR - WATER CLOSET	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
SND	SANITARY NAPKIN DISPOSAL	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CLD WR	CHILD WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
WR	WASTE RECEPTACLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)
CHGTB	CHANGING TABLE	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED (CF/CI)

ENLARGED TOILET ROOM GENERAL NOTES

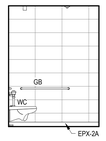
1. ALL EXTERIOR WALLS SHALL BE TYPE "X1" UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL INTERIOR STUD-FRAMED PARTITIONS SHALL BE TYPE "A" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL INTERIOR CONCRETE MASONRY PARTITIONS SHALL BE TYPE "E" UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO MATERIALS LEGEND AT AG0.01 FOR CONCRETE MASONRY HATCH PATTERN.
4. ALL DIMENSIONS LOCATING PARTITION WALLS ARE PROVIDED TO FACE OF STUD OR FACE OF MASONRY.
5. REFER TO AG0.01 FOR TYPICAL DOOR OFFSET FROM ADJACENT WALLS. DOORS SHALL BE LOCATED ACCORDINGLY IF NO SPECIFIC DIMENSIONS ARE PROVIDED.
6. ALL DIMENSIONS LOCATING TOILET AND SHOWER PARTITIONS ARE INDICATED BASED ON THE FOLLOWING CRITERIA:
   A. FROM FACE OF WALL FINISH TO CENTERLINE OF FIXED PARTITION PANEL, UNLESS SPECIFICALLY NOTED AS "CLR".
   B. FROM FACE OF DOOR OR PARTITION PILASTER AT FRONT OF PARTITIONS TO FACE OF WALL FINISH AT OPPOSITE WALL.
   C. FROM CENTERLINE OF FIXED PARTITION PANEL TO CENTERLINE OF FIXED PARTITION PANEL.
   D. FOR PARTITION DOOR OPENINGS, FROM EDGE OF PILASTER TO EDGE OF PILASTER.
   E. "CLR" DIMENSIONS WHERE NOTED INDICATE CLEAR DIMENSION TO FACE OF WALL FINISH, OR TOILET PARTITION PANEL, DOOR, OR PILASTER.
7. ALL DIMENSIONS LOCATING TOILET ACCESSORIES ARE PROVIDED FROM FACE OF WALL FINISH TO CENTER OF ACCESSORY OR FASTENER, IN THE CASE OF GRAB BARS. UNLESS SPECIFICALLY NOTED OTHERWISE.
8. REFER TO FIXTURE & ACCESSORY MOUNTING HEIGHT LEGEND AT SHEET A1.70 AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
9. WHERE OWNER-PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONFIRM ACCESSORY SIZES, AND INSTALL ALL SUCH ACCESSORIES IN ACCORDANCE WITH MASSACHUSETTS M.A.A.B. (521 CMR) AND A.D.A. 2010 (36 CFR 1191) REQUIREMENTS, REGARDLESS OF THE LOCATIONS SHOWN IN THE DRAWINGS.
10. WHERE OWNER PROVIDED TOILET ACCESSORIES ARE INDICATED FOR INSTALLATION UNDER THE CONSTRUCTION CONTRACT, THE EXTENT OF TYPE 1 BLOCKING WITHIN THE WALL INDICATED IS APPROXIMATE, AND THE CONTRACTOR SHALL COORDINATE THE ACTUAL REQUIREMENTS WITH THE OWNER AND THE ACTUAL ACCESSORY SIZES. BLOCKING SHALL BE PROVIDED BASED ON THESE REQUIREMENTS AND TO FACILITATE PROPER INSTALLATION OF ACCESSORIES AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE BABY CHANGING TABLES (CHGTB) ARE INDICATED, PROVIDE TYPE 2 BLOCKING WITHIN WALLS. COORDINATE MOUNTING HEIGHT AND EXTENT OF BLOCKING WITH ACCESSORY MOUNTING INFORMATION.
12. REFER TO SHEET AS.01 FOR INDEX OF INTERIOR FINISHES INDICATED ON THIS DRAWING.
13. REFER TO SHEET AG0.02 FOR GYPSUM WALL BOARD SCHEDULE FOR TYPE REQUIRED AT TOILET ROOMS, SHOWERS, AS TILE BACKER, AND OTHER CONDITIONS.
14. REFER TO HORIZONTAL CONTROL PLANS FOR FLOOR DRAIN LOCATIONS.
15. FLOORS SHOWN SLOPING TO DRAIN AT GANG TOILET ROOMS SHALL INCLUDE A 3 INCH SLAB DEPRESSION WITH PEASTONE CONCRETE FILL SLOPED TO DRAIN. REFER TO HORIZONTAL CONTROL PLANS FOR SLAB DEPRESSIONS.
16. WHERE PLANS INDICATE FLOORS SLOPING TO FLOOR DRAINS, THE MAXIMUM SLOPE OR CROSS SLOPE IN ANY DIRECTION SHALL BE 1:50. THE FLOOR FINISH LEVEL AT THE PERIMETER OF THE SLOPED AREA SHALL REMAIN CONSTANT AT THE MAIN FLOOR LEVEL DATUM.
17. PROVIDE WATERPROOF MEMBRANE THROUGHOUT ALL TOILET ROOMS AT ELEVATED SLAB ON DECK. TURN MEMBRANE UP WALLS A MINIMUM OF 4 INCHES.
18. THE CONTRACTOR SHALL PROVIDE FRAMED OR MASONRY OPENINGS IN WALLS FOR RECESSED ACCESSORIES. OPENING DIMENSIONS SHALL BE COORDINATED WITH THE SUBMITTED AND REVIEWED TOILET ACCESSORY DIMENSIONS AND INSTALLATION REQUIREMENTS. PROVIDE LINTELS AT MASONRY OPENINGS AS SCHEDULED BY STRUCTURAL DRAWINGS.
19. PROVIDE TYPE 2 BLOCKING WITHIN FRAMED WALLS AS REQUIRED BY THE SUBMITTED AND REVIEWED TOILET AND SHOWER PARTITION SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. PROVIDE THE FOLLOWING TILE TRIM ACCESSORY ITEMS, WHETHER OR NOT INDICATED ON DRAWINGS :TRIM ACCESSORY TILE WITH FINISHED ROUNDED EDGES.
   A. SQUARE EDGE TRIM AT ALL TILE TOP, BOTTOM & CORNER EDGE LOCATIONS
   B. 4" BASE TO FLOOR, TILE ABOVE
21. PROVIDE WALL BOARD TYPES AS SCHEDULED FOR WALL FINISH MATERIALS INDICATED AT DRY AND WET AREAS.
22. ELECTRICAL OUTLETS AND DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS. ELECTRICAL DRAWINGS LOCATED DEVICES GENERICALLY – WHEN DIMENSIONS ARE PROVIDED HEREIN, INSTALL DEVICES TO DIMENSIONS SHOWN.



L27 TOILET ELEVATION - 324A NORTH
1/4" = 1'-0"



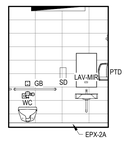
L24 TOILET ELEVATION - 324A EAST
1/4" = 1'-0"



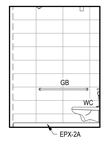
L21 TOILET ELEVATION - 324A SOUTH
1/4" = 1'-0"



L18 TOILET ELEVATION - 324A WEST
1/4" = 1'-0"



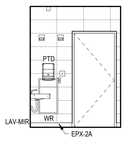
J21 TOILET ELEVATION - 324 WEST
1/4" = 1'-0"



J18 TOILET ELEVATION - 324 SOUTH
1/4" = 1'-0"



J15 TOILET ELEVATION - 324 EAST
1/4" = 1'-0"



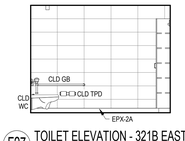
J13 TOILET ELEVATION - 324 NORTH
1/4" = 1'-0"



J27 TOILET ELEVATION - 321B WEST
1/4" = 1'-0"



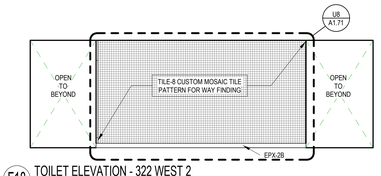
J24 TOILET ELEVATION - 321B SOUTH
1/4" = 1'-0"



F27 TOILET ELEVATION - 321B EAST
1/4" = 1'-0"



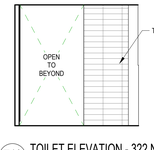
F24 TOILET ELEVATION - 321B NORTH
1/4" = 1'-0"



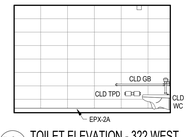
F18 TOILET ELEVATION - 322 WEST 2
1/4" = 1'-0"



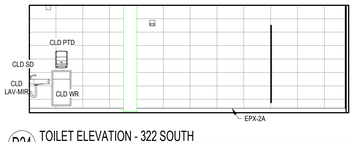
F21 TOILET ELEVATION - 322 SOUTH 2
1/4" = 1'-0"



F13 TOILET ELEVATION - 322 NORTH 2
1/4" = 1'-0"



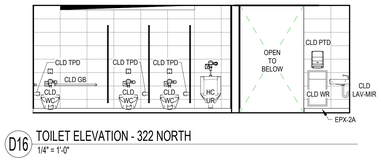
D27 TOILET ELEVATION - 322 WEST
1/4" = 1'-0"



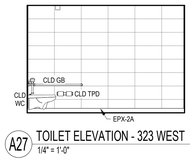
D24 TOILET ELEVATION - 322 SOUTH
1/4" = 1'-0"



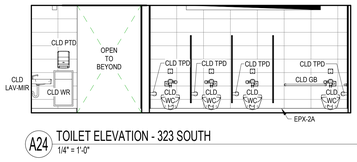
D19 TOILET ELEVATION - 322 EAST
1/4" = 1'-0"



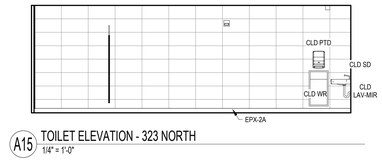
D16 TOILET ELEVATION - 322 NORTH
1/4" = 1'-0"



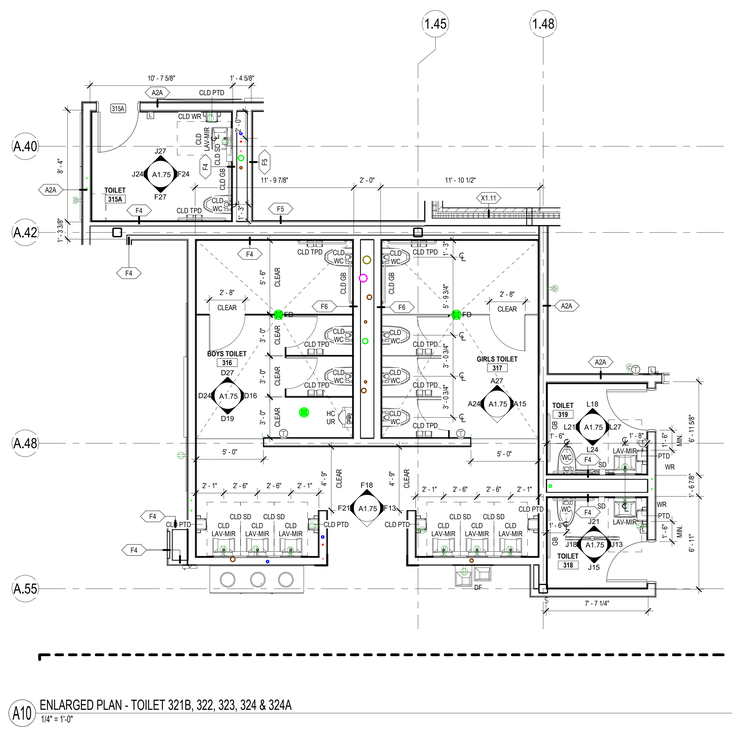
A27 TOILET ELEVATION - 323 WEST
1/4" = 1'-0"



A24 TOILET ELEVATION - 323 SOUTH
1/4" = 1'-0"



A15 TOILET ELEVATION - 323 NORTH
1/4" = 1'-0"



A10 ENLARGED PLAN - TOILET 321B, 322, 323, 324 & 324A
1/4" = 1'-0"

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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

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SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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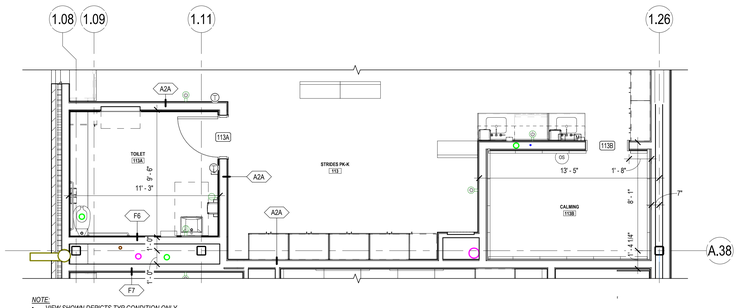
KEY PLAN

ORIENTATION AND SCALE:

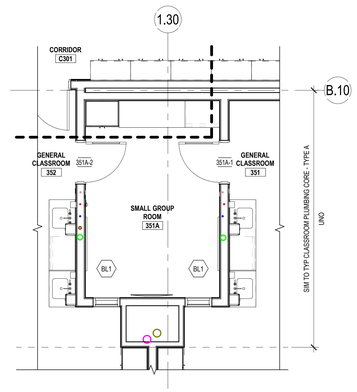
N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:
ENLARGED TOILET ROOM PLANS

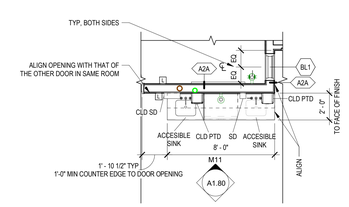
SHEET NUMBER:
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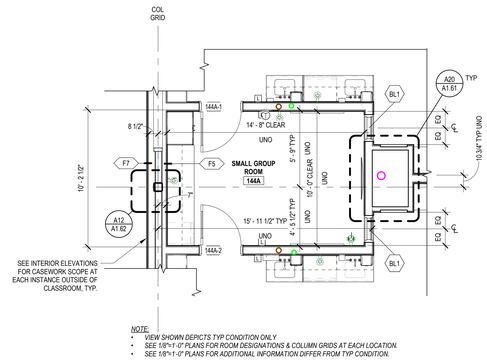
T23 TYP CLASSROOM PLUMBING CORE - TYPE C
1/4" = 1'-0"



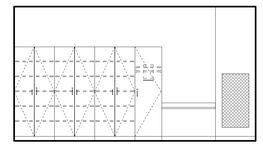
N24 TYP CLASSROOM PLUMBING CORE - TYPE D
1/4" = 1'-0"



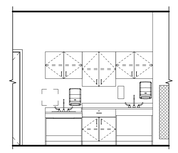
K11 TYPE A PLUMBING CORE COUNTER DETAIL
1/4" = 1'-0"



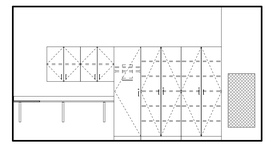
T11 TYP CLASSROOM PLUMBING CORE - TYPE A
1/4" = 1'-0"



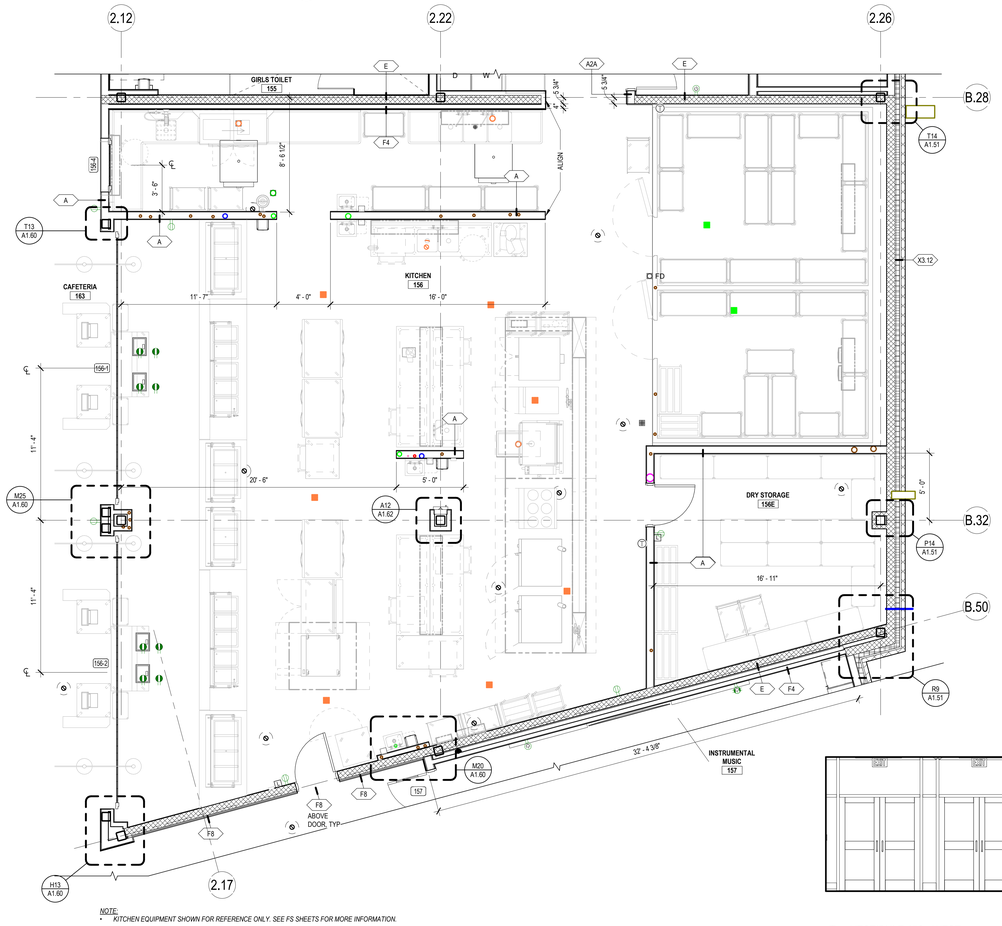
P5 TYPE A PLUMBING CORE COUNTER ELEVATION - 2
1/4" = 1'-0"



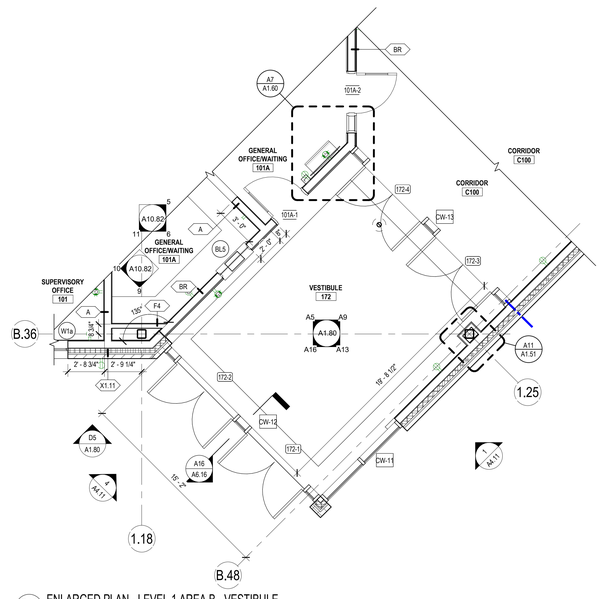
M11 TYPE A PLUMBING CORE COUNTER ELEVATION
1/4" = 1'-0"



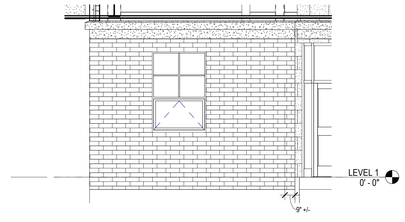
M5 TYPE B PLUMBING CORE COUNTER ELEVATION
1/4" = 1'-0"



A24 ENLARGED KITCHEN PLAN - LEVEL 1 - AREA B
1/4" = 1'-0"

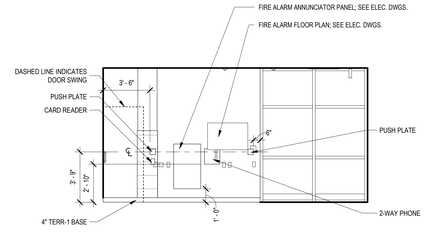


E12 ENLARGED PLAN - LEVEL 1 AREA B - VESTIBULE
1/4" = 1'-0"

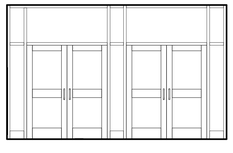


D5 PARTIAL EAST ELEVATION - VESTIBULE 172
1/4" = 1'-0"

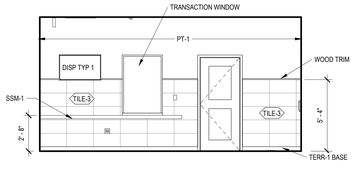
A16 VESTIBULE 172 - WEST
1/4" = 1'-0"



A13 VESTIBULE 172 - SOUTH
1/4" = 1'-0"



A9 VESTIBULE 172 - EAST
1/4" = 1'-0"



A5 VESTIBULE 172 - NORTH
1/4" = 1'-0"

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WILMINGTON ELEMENTARY SCHOOL

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PROJECT NUMBER: 23-0847

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REVISIONS:

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ISSUE TITLE AND DATE:

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KEY PLAN

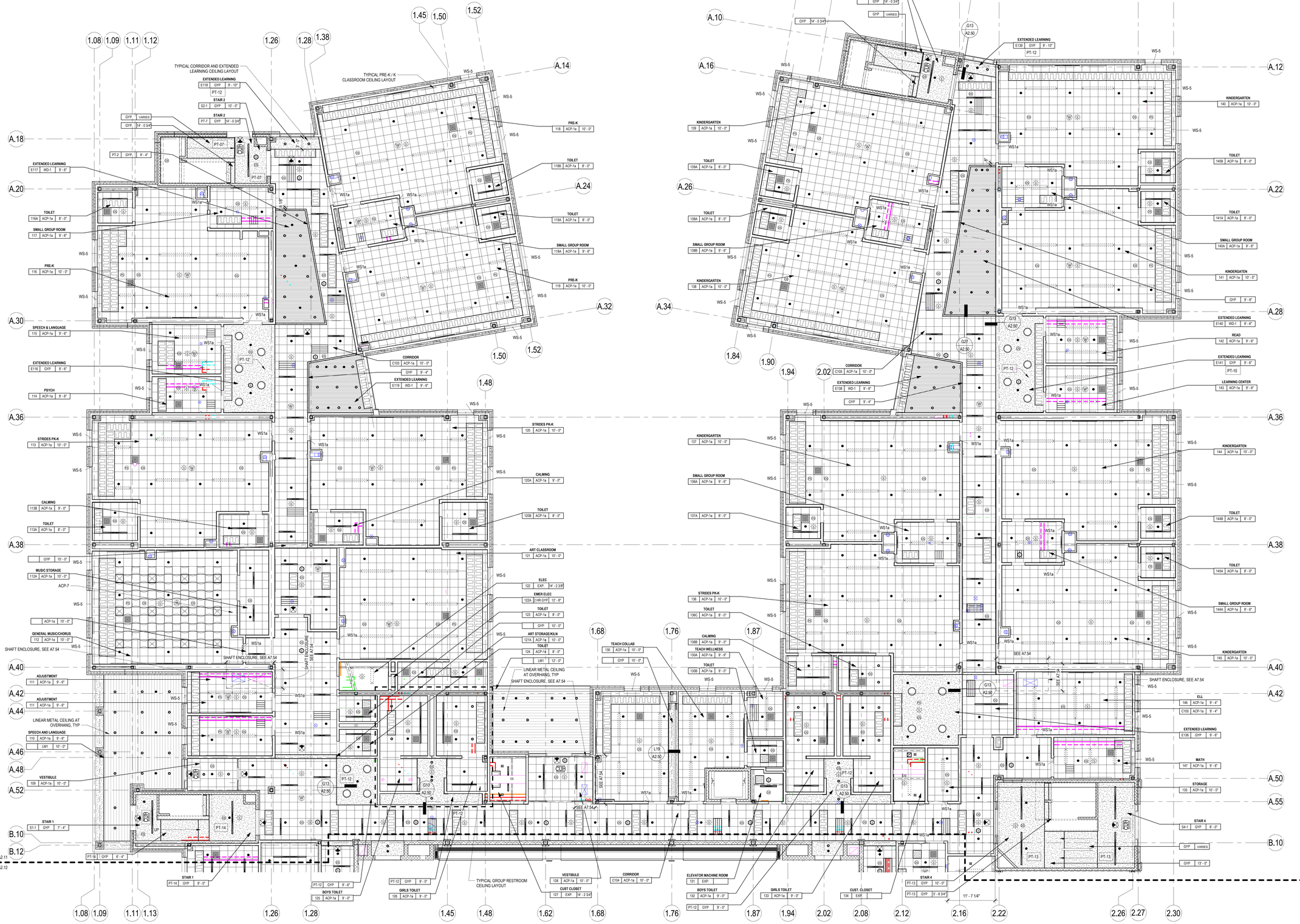
ORIENTATION AND SCALE:

PROJECT NORTH
TRUE NORTH
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:
ENLARGED PLANS

SHEET NUMBER:
A1.80

FOR CEILING GENERAL NOTES AND LEGENDS SEE SHEET A2.50



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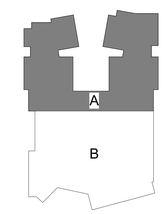
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KEY PLAN



ORIENTATION AND SCALE:

N
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

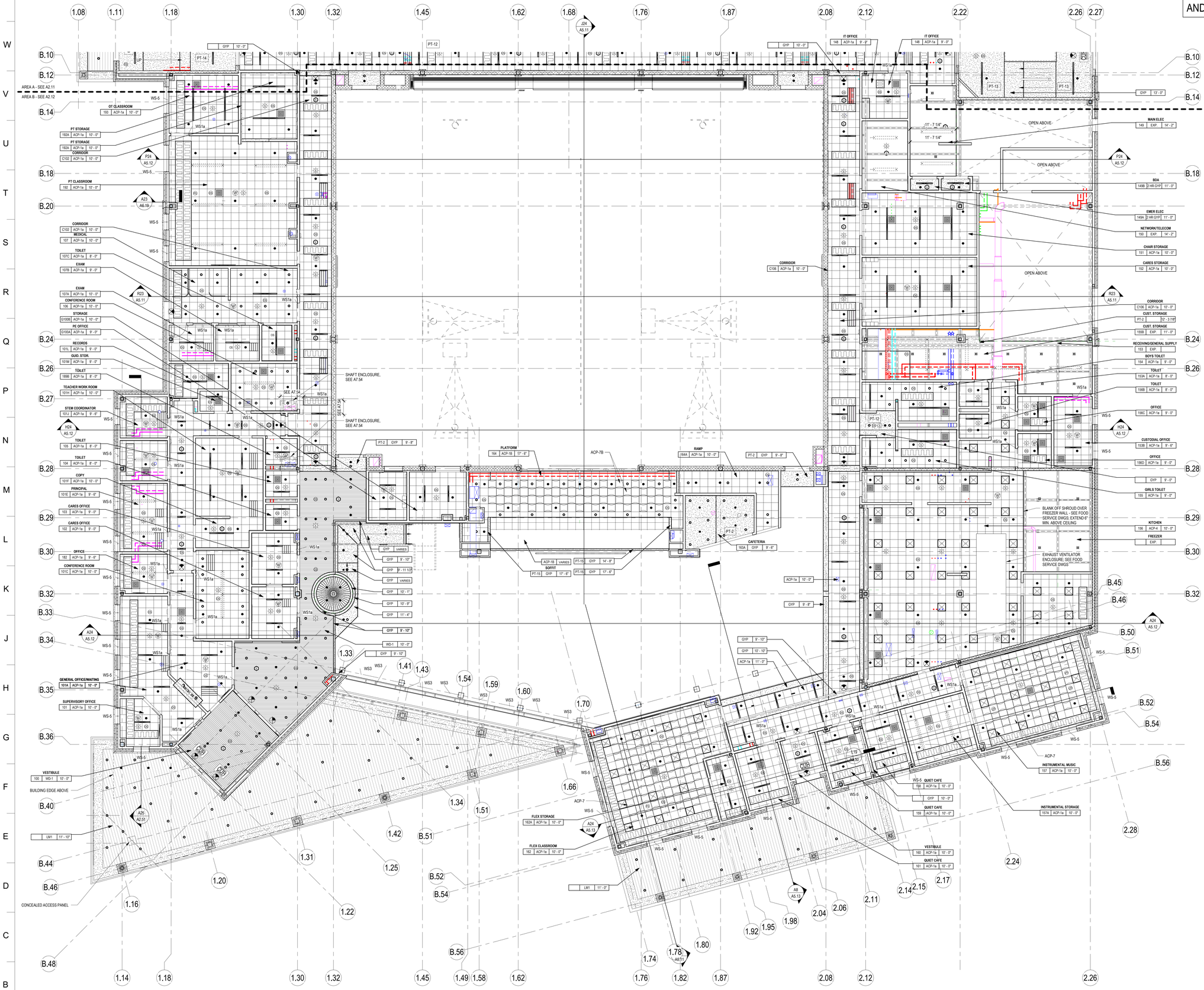
SHEET TITLE:

LEVEL 1 REFLECTED CEILING PLAN - AREA A

SHEET NUMBER:

A2.11

FOR CEILING GENERAL NOTES AND LEGENDS SEE SHEET A2.50



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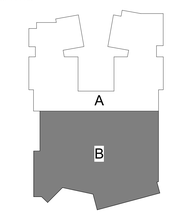
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KEY PLAN



ORIENTATION AND SCALE:

N
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

SHEET TITLE:

LEVEL 1 REFLECTED CEILING PLAN - AREA B

SHEET NUMBER:

A2.12

FOR CEILING GENERAL NOTES AND LEGENDS SEE SHEET A2.50



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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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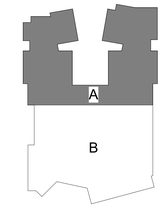
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:

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TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
PROJECT NORTH

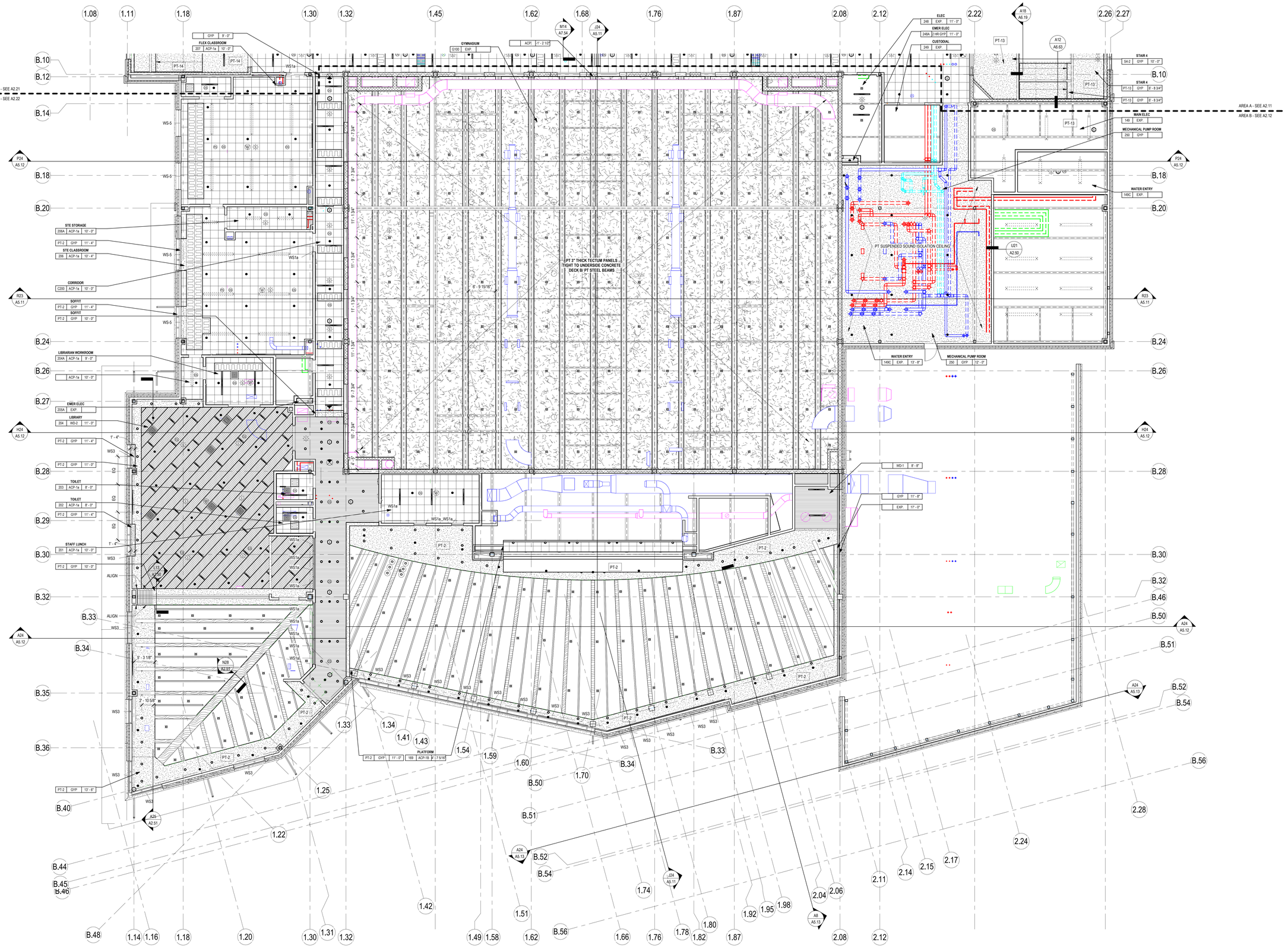
SHEET TITLE:

LEVEL 2 REFLECTED CEILING PLAN - AREA A

SHEET NUMBER:

A2.21

FOR CEILING GENERAL NOTES AND LEGENDS SEE SHEET A2.50



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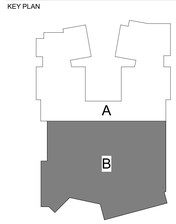
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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 2 REFLECTED CEILING PLAN - AREA B

SHEET NUMBER:

A2.22

FOR CEILING GENERAL NOTES AND LEGENDS SEE SHEET A2.50



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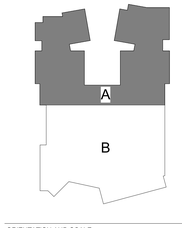
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0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:

LEVEL 3 REFLECTED CEILING PLAN - AREA A

SHEET NUMBER:

A2.31

REFLECTED CEILING PLAN LEGEND

ACP 1A | X'-XX" — CEILING HT / CEILING TYPE

ROOM NAME — 100A | ACP 1A | X'-XX" — ROOM NAME / CEILING HT / CEILING TYPE / ROOM NUMBER

- INDIRECT SURFACE MOUNT LIGHT FIXTURE
- PENDANT LIGHT GYM FIXTURE
- WALL MOUNTED FIXTURE
- RECESSED LIGHT FIXTURE
- SD — SMOKE DETECTOR
- SPRINKLER HEAD (RECESSED OR SEMI-RECESSED)(SEE FP FOR TYPE)
- (BOTH) EXIT SIGN
- SPEAKER
- W — WIRELESS ROUTER
- PHOTOSENSOR
- OCCUPANCY SENSOR
- SECURITY CAMERA
- WS1a — WINDOW SHADE: MANUAL 1% OPENNESS
- WS3 — WINDOW SHADE: MOTORIZED; 1% OPENNESS & BLACKOUT DUAL ROLLER
- WS5 — WINDOW SHADE: MANUAL; 1% OPENNESS & BLACKOUT DUAL ROLLER
- DIRECT PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- SURFACE FIXTURE
- LAY-IN / RECESSED FIXTURE
- SURFACE-MOUNTED TRACK LIGHT FIXTURE
- RECESSED LED FIXTURE
- DISPLACEMENT AIR GRILLE
- SUPPLY OR RETURN AIR GRILLE
- RADIANT PANEL
- FCU — FAN COIL UNIT
- CUH — CEILING MOUNTED CABINET UNIT HEATER
- ACCESS PANEL HATCH
- BARREL ACOUSTIC DIFFUSER
- EXPOSED STRUCTURE
- GYPSUM WALL BOARD (GYP BD5 TYPICAL, OR AS NOTED)
- GYPSUM WALL BOARD (2 HOUR)
- SUSPENDED LINEAR METAL SOFFIT (LMS)
- ACOUSTIC PANEL
- ACOUSTIC CEILING PANEL (ACP 1, 2, 3, 4, 6)
- ACOUSTIC CEILING PANEL (ACP 1A, 2A, 3A)
- WOOD SLATS CEILING (WD-1)
- WD-2 - LIBRARY
- TECTUM PANELS (PT-2)

CEILING GENERAL NOTES

1. UNLESS SPECIFICALLY INDICATED OTHERWISE, ACOUSTIC CEILING PANELS AT ENCLOSED SPACES SHALL BE ACP-1 (SHOWN 2' X 4') OR ACP-1A (SHOWN 2' X 2')
2. UNLESS SPECIFICALLY INDICATED AS OTHERWISE, ALL ACOUSTIC CEILING PANELS AT CORRIDORS AND CIRCULATION AREAS SHALL BE ACP-2 (SHOWN 2' X 4') OR ACP-2A (SHOWN2' X 2').
3. ALL GYP BD CEILING AND SOFFIT CONSTRUCTION SHALL BE GYP BD2 MATERIAL. SEE AG0.02 FOR SCHEDULE OF GYP BD TYPES.
4. ALL GYP BD SOFFIT AREAS SHALL BE PAINTED. UNLESS SPECIFICALLY INDICATED, COLOR SHALL BE PT-1.
5. ALL CEILINGS SHALL BE INSTALLED 10'-0" AFF UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. CENTER CEILING GRID ON ROOM, UNO.
7. CENTER LIGHT FIXTURE(S) ON ROOM, UNO.
8. CENTER CEILING HOSTED DEVICE/FIXTURE/EQUIPMENT ON CEILING PANEL, UNO.
9. CEILING HEIGHTS INDICATED ON THESE PLANS ARE EXPRESSED ABOVE MAIN FINISHED FLOOR LEVEL DATUM TO UNDERSIDE OF GYP BD FINISH OR GRID TEE. WHERE ROOMS INCLUDE RAISED FLOOR AREAS OR RAMPS, THE CEILING HEIGHT EXPRESSED IS FROM MAIN FINISHED FLOOR LEVEL DATUM.
10. DIMENSIONS ON CEILING PLANS LOCATING SOFFIT EDGES IN PLAN ARE INDICATED TO FACE OF GYP BD FINISH.
11. TYPICAL SOFFIT FRAMING AND CEILING DETAILS APPLICABLE TO THE PROJECT ARE LOCATED AT SHEET A2.50. TYPICAL DETAIL CONDITIONS COMMON THROUGHOUT THE PROJECT ARE NOT SPECIFICALLY IDENTIFIED AT EVERY LOCATION, BUT SHALL BE APPLICABLE AS READILY INTERPRETED FROM THE CONFIGURATIONS INDICATED.
12. WHERE SOFFITS ARE SHOWN TO ALIGN WITH ADJACENT PARTITIONS, THE FACES OF FINISH SHALL BE IN ALIGNMENT. COORDINATE FRAMING POSITION WITH LAYERS AND THICKNESS OF FINISHES.
13. AT AREAS OF EXPOSED STRUCTURE IN FINISHED SPACES SUCH AS GYMNASIUMS, AUDITORIUMS, AND ABOVE "FLOATING" OR "CLOUD" CEILINGS, ALL EXPOSED DECK AND STRUCTURAL FRAMING (INCLUDING FIREPROOFING WHERE APPLICABLE), DUCTWORK, PIPING, CONDUITS, JUNCTION BOXES, MECHANICAL EQUIPMENT, AND OTHER BUILDING UTILITY EQUIPMENT SHALL BE PAINTED UNLESS INDICATED AS OTHERWISE. PAINT ITEMS PRIOR TO APPLICATION OF IDENTIFICATION REQUIRED BY FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL SECTIONS. UNLESS SPECIFICALLY INDICATED AS OTHERWISE, COLOR SHALL BE AS INDICATED ON CEILING PLANS.
14. AT AREAS OF EXPOSED STRUCTURE IN UTILITY-TYPE SPACES INCLUDING (BUT NOT LIMITED TO) ELECTRICAL CLOSETS, JANITOR CLOSETS, MECHANICAL ROOMS, BOILER ROOMS, AND RECEIVING AREAS, ALL EXPOSED DECK AND STRUCTURAL FRAMING (INCLUDING FIREPROOFING WHERE APPLICABLE), SHALL BE PAINTED UNLESS INDICATED AS OTHERWISE. . UNLESS SPECIFICALLY INDICATED AS OTHERWISE, COLOR SHALL BE PT-1.
15. LOCATIONS OF SPRINKLERS ON THIS CEILING PLAN ARE SHOWN FOR COORDINATION AND ARCHITECTURAL DESIGN INTENT PURPOSES, AND MAY INDICATE ADDITIONAL SPRINKLERS THAT ARE NOT INDICATED ON THE FIRE PROTECTION DRAWINGS OR ARE NOT REQUIRED BY CODE. IN SUCH CASES THE ADDITIONAL SPRINKLER HEADS ARE REQUIRED FOR AESTHETIC PURPOSES, AND THE CONTRACTOR SHALL PROVIDE THE SPRINKLERS SHOWN UNLESS CODE-RELATED REQUIREMENTS PROHIBIT THE LOCATIONS INDICATED. THE CONTRACTOR SHALL PROVIDE THE GREATER QUANTITY OF SPRINKLERS SHOWN ON EITHER THE FIRE PROTECTION OR ARCHITECTURAL CEILING PLANS.
16. LOCATIONS OF DEVICES SUCH AS DIFFUSERS, REGISTERS, SPEAKERS, LIGHTS, ETC. ARE SHOWN FOR COORDINATION AND ARCHITECTURAL DESIGN INTENT PURPOSES. REFER TO MECHANICAL, ELECTRICAL, AND COMMUNICATIONS DRAWINGS FOR TYPE DESIGNATIONS OF DEVICES. IN CASE OF DISCREPANCY, THE GREATER QUANTITY OF FIXTURE SHALL PREVAIL.
17. ALL SPRINKLER HEADS, DIFFUSERS, SPEAKERS DETECTORS, AND OTHER DEVICES LOCATED IN ACOUSTIC PANEL CEILINGS THAT DO NOT OCCUPY A FULL ACOUSTIC PANEL SHALL BE LOCATED IN THE CENTER OR QUARTER-POINT OF CEILING TILE. SEE TYPICAL CEILING DETAILS.
18. ALL CEILING-MOUNTED DEVICES AND ACCESS DOORS IN GYP BD CEILINGS SHALL BE INSTALLED TO CENTERLINE OF ITEM PER DIMENSIONS INDICATED. IF DIMENSIONS ARE NOT PROVIDED, THE CONTRACTOR SHALL INSTALL DEVICES AT THE APPROXIMATE LOCATIONS SHOWN, AND ARRANGE MULTIPLE DEVICES ON COMMON CENTERLINES THAT ARE RECTILINEAR WITH CEILING EDGES. RANDOMLY LOCATED DEVICES AND ACCESS DOORS WILL BE REJECTED AND SHALL BE REINSTALLED UNTIL ACCEPTED BY THE ARCHITECT.
19. EXPOSED DUCTWORK IN FINISHED PUBLIC SPACES SHALL BE LOCATED AT THE APPROXIMATE LOCATIONS INDICATED ON THE CEILING PLANS. COORDINATE LOCATIONS WITH ALL OTHER EQUIPMENT AT THE CEILING, INCLUDING SPRINKLERS AND FIRE PROTECTION PIPING, LIGHTING AND ELECTRICAL CONDUITS, RAIN WATER LEADERS, SURFACE MOUNTED OR SUSPENDED EQUIPMENT OR OTHER UTILITIES.
20. THIS DRAWING DOES NOT DOCUMENT ALL SPRINKLERS THAT MAY BE REQUIRED ABOVE "FLOATING" OR "CLOUD" CEILING PANEL ASSEMBLIES OR OTHER OBSTRUCTIONS, OR IN EXPOSED CEILING AREAS. THE CONTRACTOR SHALL REFER TO THE FIRE PROTECTION DRAWINGS, AND PROVIDE ALL NECESSARY SPRINKLERS TO PROVIDE A FIRE PROTECTION SYSTEM THAT MEETS THE REQUIREMENTS OF NFPA-13 FOR THE GIVEN CONSTRUCTION TYPE.
21. "FLOATING" OR "CLOUD" CEILINGS NOT CONNECTED TO WALLS SHALL BE SEISMICALLY BRACED TO STRUCTURE PER BUILDING CODE REQUIREMENTS. REFER TO TYPICAL DETAILS FOR BRACING DETAIL.



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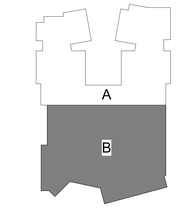
NO.	DATE	TITLE

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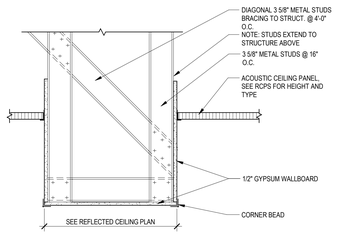
N — TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

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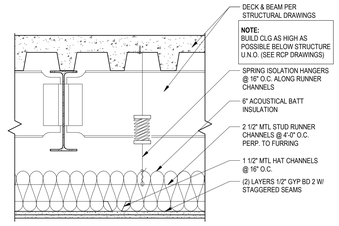
LEVEL 3 REFLECTED CEILING PLAN - AREA B

SHEET NUMBER:

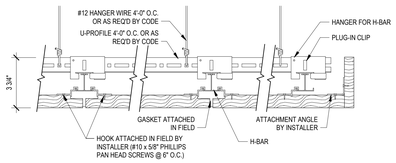
A2.32



U27 TYPICAL WIDE SOFFIT FRAMING DETAIL
1 1/2" = 1'-0"

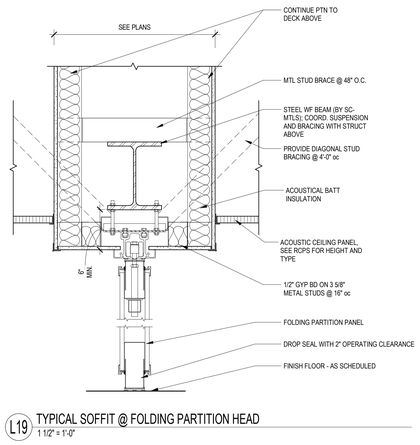


U21 TYPICAL SOUND ISOLATION CEILING - TYPE A
1 1/2" = 1'-0"

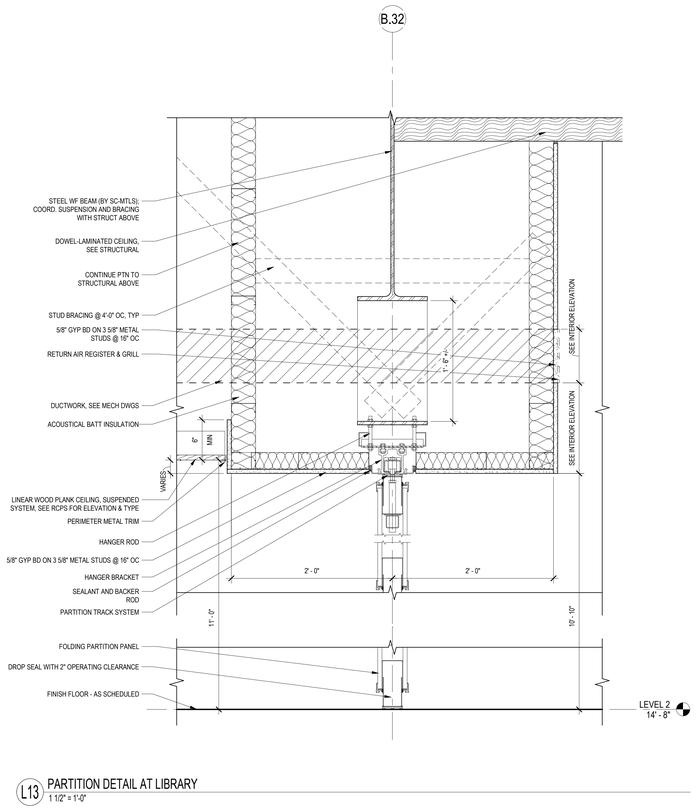


02 TYPICAL SUSPENDED WOOD CEILING DETAIL
3" = 1'-0" SCALE

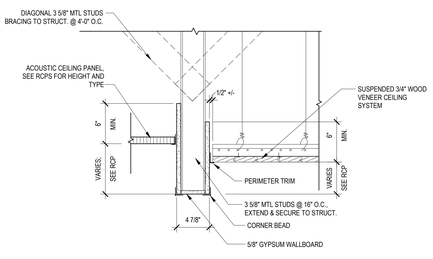
Q27 TYPICAL SUSPENDED WOOD CEILING DETAIL
3" = 1'-0"



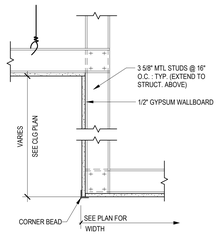
L19 TYPICAL SOFFIT @ FOLDING PARTITION HEAD
1 1/2" = 1'-0"



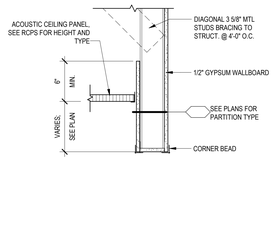
L13 PARTITION DETAIL AT LIBRARY
1 1/2" = 1'-0"



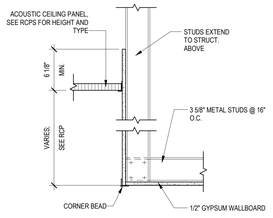
G27 TYPICAL SOFFIT FRAMING DETAIL - TYPE B
1 1/2" = 1'-0"



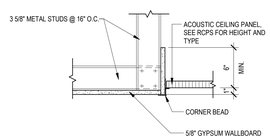
G22 TYPICAL SOFFIT FRAMING DETAIL-GWB TO GWB
1 1/2" = 1'-0"



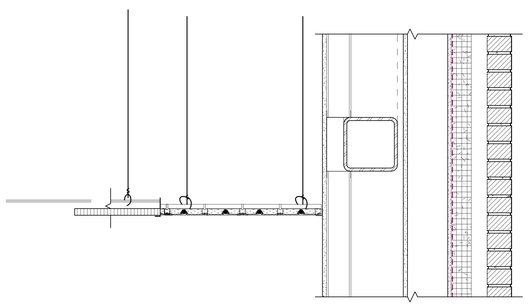
G18 TYPICAL SOFFIT FRAMING DETAIL-ACP TO OPEN
1 1/2" = 1'-0"



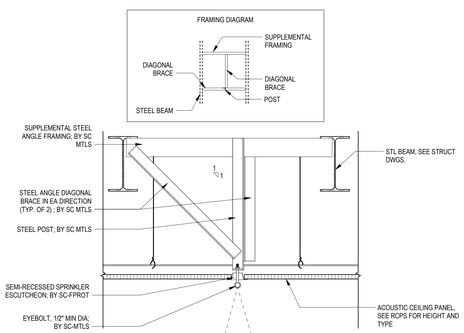
G13 TYPICAL SOFFIT FRAMING DETAIL-ACP TO GWB
1 1/2" = 1'-0"



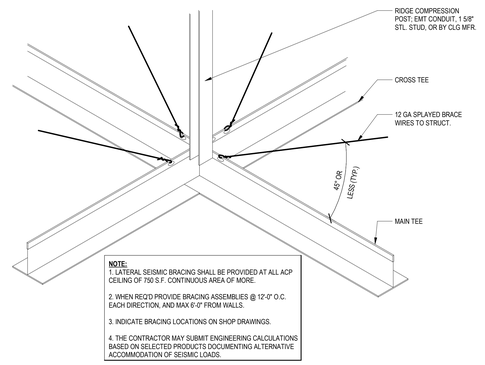
G9 TYPICAL GWB TO ACP CEILING TRANSITION
1 1/2" = 1'-0"



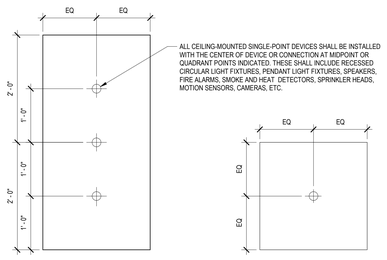
A26 TYPICAL CEILING DETAIL - ACP TO RADIANT PANEL
1 1/2" = 1'-0"



A18 SUPPLEMENTAL FRAMING @ OT/PT & ADAPTIVE PE SWING
1" = 1'-0"



A12 TYPICAL SUSPENDED GRID SEISMIC BRACING
1 1/2" = 1'-0"



A5 TYPICAL CEILING DEVICE LAYOUT
1" = 1'-0"

CEILING GENERAL NOTES

1. UNLESS SPECIFICALLY INDICATED OTHERWISE, ACOUSTIC CEILING PANELS AT ENCLOSED SPACES SHALL BE ACP-1 (SHOWN 2' X 4') OR ACP-1A (SHOWN 2' X 2')
2. UNLESS SPECIFICALLY INDICATED AS OTHERWISE, ALL ACOUSTIC CEILING PANELS AT CORRIDORS AND CIRCULATION AREAS SHALL BE ACP-2 (SHOWN 2' X 4') OR ACP-2A (SHOWN2' X 2').
3. ALL GYP BD CEILING AND SOFFIT CONSTRUCTION SHALL BE GYP BD2 MATERIAL. SEE AG0.02 FOR SCHEDULE OF GYP BD TYPES.
4. ALL GYP BD SOFFIT AREAS SHALL BE PAINTED. UNLESS SPECIFICALLY INDICATED, COLOR SHALL BE PT-1.
5. ALL CEILINGS SHALL BE INSTALLED 10'-0" AFF UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. CENTER CEILING GRID ON ROOM, UNO.
7. CENTER LIGHT FIXTURE(S) ON ROOM, UNO.
8. CENTER CEILING HOSTED DEVICE/FIXTURE/EQUIPMENT ON CEILING PANEL, UNO.
9. CEILING HEIGHTS INDICATED ON THESE PLANS ARE EXPRESSED ABOVE MAIN FINISHED FLOOR LEVEL DATUM TO UNDERSIDE OF GYP BD FINISH OR GRID TEE. WHERE ROOMS INCLUDE RAISED FLOOR AREAS OR RAMPS, THE CEILING HEIGHT EXPRESSED IS FROM MAIN FINISHED FLOOR LEVEL DATUM.
10. DIMENSIONS ON CEILING PLANS LOCATING SOFFIT EDGES IN PLAN ARE INDICATED TO FACE OF GYP BD FINISH.
11. TYPICAL SOFFIT FRAMING AND CEILING DETAILS APPLICABLE TO THE PROJECT ARE LOCATED AT SHEET A2.50. TYPICAL DETAIL CONDITIONS COMMON THROUGHOUT THE PROJECT ARE NOT SPECIFICALLY IDENTIFIED AT EVERY LOCATION, BUT SHALL BE APPLICABLE AS READILY INTERPRETED FROM THE CONFIGURATIONS INDICATED.
12. WHERE SOFFITS ARE SHOWN TO ALIGN WITH ADJACENT PARTITIONS, THE FACES OF FINISH SHALL BE IN ALIGNMENT. COORDINATE FRAMING POSITION WITH LAYERS AND THICKNESS OF FINISHES.
13. AT AREAS OF EXPOSED STRUCTURE IN FINISHED SPACES SUCH AS GYMNASIUMS, AUDITORIUMS, AND ABOVE "FLOATING" OR "CLOUD" CEILINGS, ALL EXPOSED DECK AND STRUCTURAL FRAMING (INCLUDING FIREPROOFING WHERE APPLICABLE), DUCTWORK, PIPING, CONDUITS, JUNCTION BOXES, MECHANICAL EQUIPMENT, AND OTHER BUILDING UTILITY EQUIPMENT SHALL BE PAINTED UNLESS INDICATED AS OTHERWISE. PAINT ITEMS PRIOR TO APPLICATION OF IDENTIFICATION REQUIRED BY FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL SECTIONS. UNLESS SPECIFICALLY INDICATED AS OTHERWISE, COLOR SHALL BE AS INDICATED ON CEILING PLANS.
14. AT AREAS OF EXPOSED STRUCTURE IN UTILITY-TYPE SPACES INCLUDING (BUT NOT LIMITED TO) ELECTRICAL CLOSETS, JANITOR CLOSETS, MECHANICAL ROOMS, BOILER ROOMS, AND RECEIVING AREAS, ALL EXPOSED DECK AND STRUCTURAL FRAMING (INCLUDING FIREPROOFING WHERE APPLICABLE), SHALL BE PAINTED UNLESS INDICATED AS OTHERWISE. . UNLESS SPECIFICALLY INDICATED AS OTHERWISE, COLOR SHALL BE PT-1.
15. LOCATIONS OF SPRINKLERS ON THIS CEILING PLAN ARE SHOWN FOR COORDINATION AND ARCHITECTURAL DESIGN INTENT PURPOSES, AND MAY INDICATE ADDITIONAL SPRINKLERS THAT ARE NOT INDICATED ON THE FIRE PROTECTION DRAWINGS OR ARE NOT REQUIRED BY CODE. IN SUCH CASES THE ADDITIONAL SPRINKLER HEADS ARE REQUIRED FOR AESTHETIC PURPOSES, AND THE CONTRACTOR SHALL PROVIDE THE SPRINKLERS SHOWN UNLESS CODE-RELATED REQUIREMENTS PROHIBIT THE LOCATIONS INDICATED. THE CONTRACTOR SHALL PROVIDE THE GREATER QUANTITY OF SPRINKLERS SHOWN ON EITHER THE FIRE PROTECTION OR ARCHITECTURAL CEILING PLANS.
16. LOCATIONS OF DEVICES SUCH AS DIFFUSERS, REGISTERS, SPEAKERS, LIGHTS, ETC. ARE SHOWN FOR COORDINATION AND ARCHITECTURAL DESIGN INTENT PURPOSES. REFER TO MECHANICAL, ELECTRICAL, AND COMMUNICATIONS DRAWINGS FOR TYPE DESIGNATIONS OF DEVICES. IN CASE OF DISCREPANCY, THE GREATER QUANTITY OF FIXTURE SHALL PREVAIL.
17. ALL SPRINKLER HEADS, DIFFUSERS, SPEAKERS DETECTORS, AND OTHER DEVICES LOCATED IN ACOUSTIC PANEL CEILINGS THAT DO NOT OCCUPY A FULL ACOUSTIC PANEL SHALL BE LOCATED IN THE CENTER OR QUARTER-POINT OF CEILING TILE. SEE TYPICAL CEILING DETAILS.
18. ALL CEILING-MOUNTED DEVICES AND ACCESS DOORS IN GYP BD CEILINGS SHALL BE INSTALLED TO CENTERLINE OF ITEM PER DIMENSIONS INDICATED. IF DIMENSIONS ARE NOT PROVIDED, THE CONTRACTOR SHALL INSTALL DEVICES AT THE APPROXIMATE LOCATIONS SHOWN, AND ARRANGE MULTIPLE DEVICES ON COMMON CENTERLINES THAT ARE RECTILINEAR WITH CEILING EDGES. RANDOMLY LOCATED DEVICES AND ACCESS DOORS WILL BE REJECTED AND SHALL BE REINSTALLED UNTIL ACCEPTED BY THE ARCHITECT.
19. EXPOSED DUCTWORK IN FINISHED PUBLIC SPACES SHALL BE LOCATED AT THE APPROXIMATE LOCATIONS INDICATED ON THE CEILING PLANS. COORDINATE LOCATIONS WITH ALL OTHER EQUIPMENT AT THE CEILING, INCLUDING SPRINKLERS AND FIRE PROTECTION PIPING, LIGHTING AND ELECTRICAL CONDUITS, RAIN WATER LEADERS, SURFACE MOUNTED OR SUSPENDED EQUIPMENT OR OTHER UTILITIES.
20. THIS DRAWING DOES NOT DOCUMENT ALL SPRINKLERS THAT MAY BE REQUIRED ABOVE "FLOATING" OR "CLOUD" CEILING PANEL ASSEMBLIES OR OTHER OBSTRUCTIONS, OR IN EXPOSED CEILING AREAS. THE CONTRACTOR SHALL REFER TO THE FIRE PROTECTION DRAWINGS, AND PROVIDE ALL NECESSARY SPRINKLERS TO PROVIDE A FIRE PROTECTION SYSTEM THAT MEETS THE REQUIREMENTS OF NFPA-13 FOR THE GIVEN CONSTRUCTION TYPE.
21. "FLOATING" OR "CLOUD" CEILINGS NOT CONNECTED TO WALLS SHALL BE SEISMICALLY BRACED TO STRUCTURE PER BUILDING CODE REQUIREMENTS. REFER TO TYPICAL DETAILS FOR BRACING DETAIL.

REFLECTED CEILING PLAN LEGEND

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VERMONT
212 BATTERY STREET
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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL
320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847
SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

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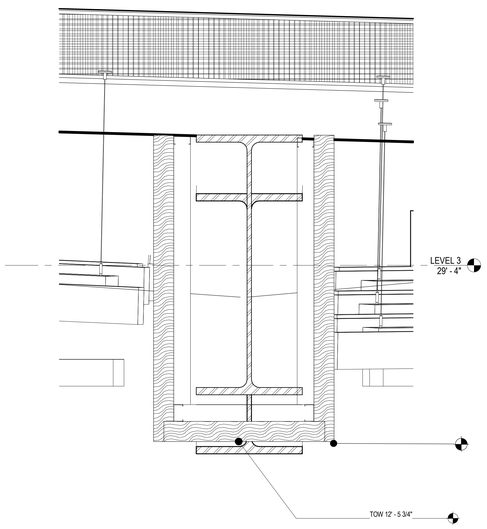
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KEY PLAN

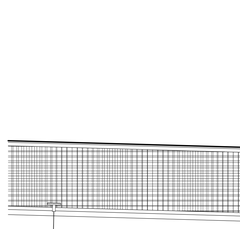
ORIENTATION AND SCALE:
SCALE: AS INDICATED

SHEET TITLE:
CEILING DETAILS

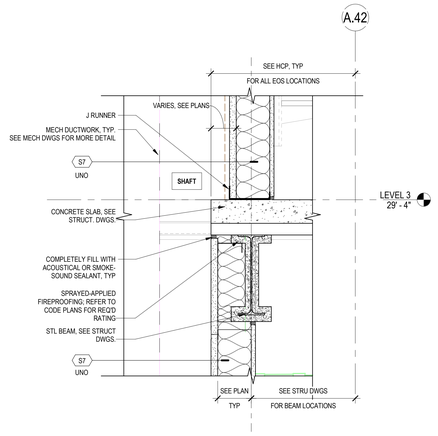
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A2.50



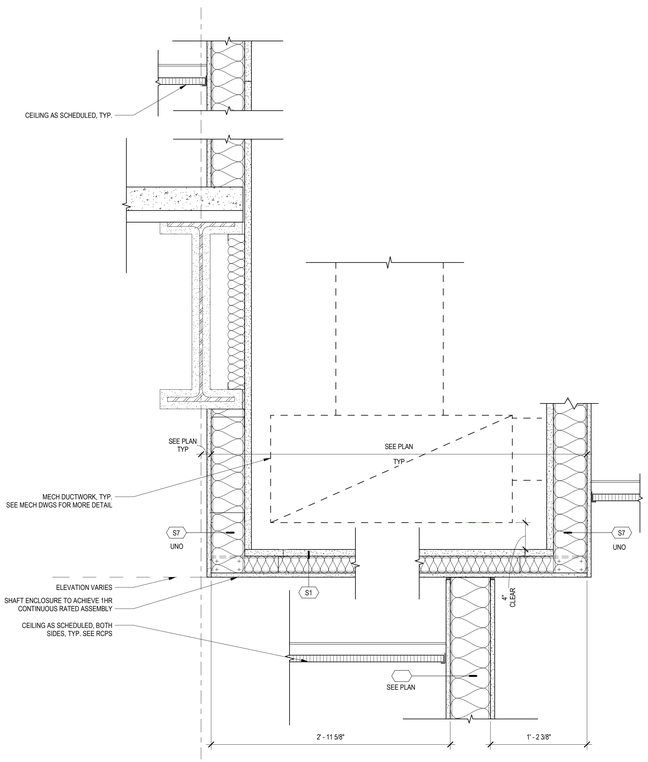
N28 Section 12
1 1/2" = 1'-0"



H24 TYP CEILING SOFFIT AT SMOKE BARRIER
1 1/2" = 1'-0"



H19 TYP HEAD OF SHAFT WALL DETAIL
1 1/2" = 1'-0"

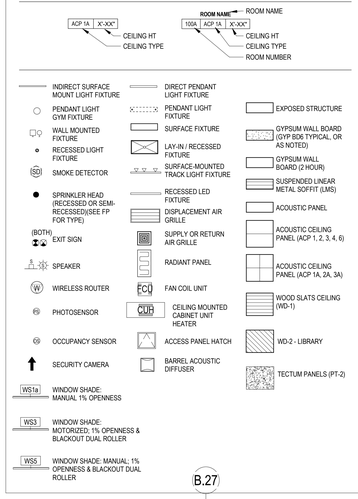


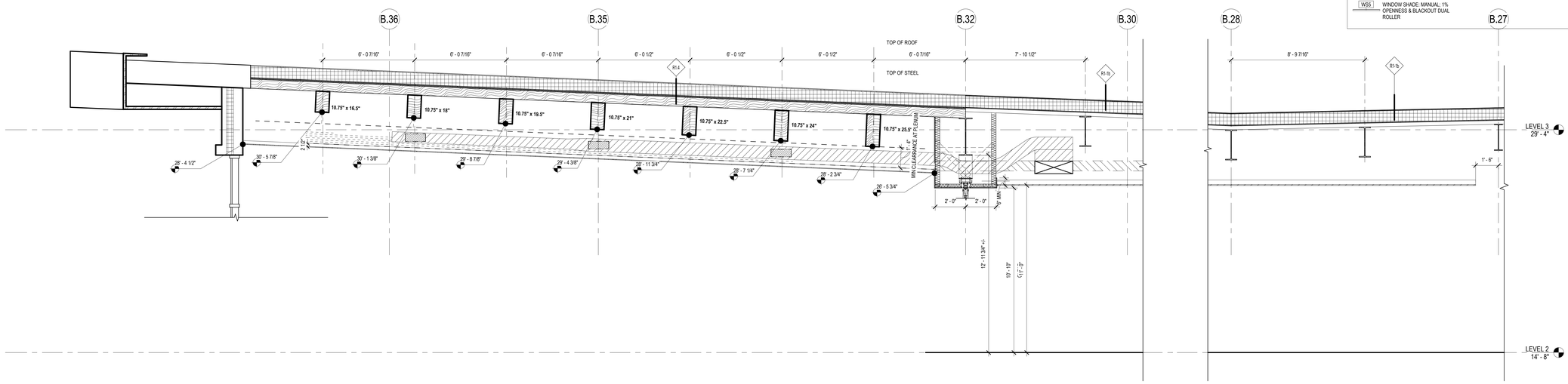
H11 TYP 1-HR FIRE-RATED BOTTOM OF SHAFT ASSEMBLY
1 1/2" = 1'-0"

CEILING GENERAL NOTES

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7. CENTER LIGHT FIXTURE(S) ON ROOM, UNO.
8. CENTER CEILING HOSTED DEVICE/FIXTURE/EQUIPMENT ON CEILING PANEL, UNO.
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16. LOCATIONS OF DEVICES SUCH AS DIFFUSERS, REGISTERS, SPEAKERS, LIGHTS, ETC. ARE SHOWN FOR COORDINATION AND ARCHITECTURAL DESIGN INTENT PURPOSES. REFER TO MECHANICAL, ELECTRICAL, AND COMMUNICATIONS DRAWINGS FOR TYPE DESIGNATIONS OF DEVICES. IN CASE OF DISCREPANCY, THE GREATER QUANTITY OF FIXTURE SHALL PREVAIL.
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18. ALL CEILING-MOUNTED DEVICES AND ACCESS DOORS IN GYP BD CEILINGS SHALL BE INSTALLED TO CENTERLINE OF ITEM PER DIMENSIONS INDICATED. IF DIMENSIONS ARE NOT PROVIDED, THE CONTRACTOR SHALL INSTALL DEVICES AT THE APPROXIMATE LOCATIONS SHOWN, AND ARRANGE MULTIPLE DEVICES ON COMMON CENTERLINES THAT ARE RECTILINEAR WITH CEILING EDGES. RANDOMLY LOCATED DEVICES AND ACCESS DOORS WILL BE REJECTED AND SHALL BE REINSTALLED UNTIL ACCEPTED BY THE ARCHITECT.
19. EXPOSED DUCTWORK IN FINISHED PUBLIC SPACES SHALL BE LOCATED AT THE APPROXIMATE LOCATIONS INDICATED ON THE CEILING PLANS. COORDINATE LOCATIONS WITH ALL OTHER EQUIPMENT AT THE CEILING, INCLUDING SPRINKLERS AND FIRE PROTECTION PIPING, LIGHTING AND ELECTRICAL CONDUITS, RAIN WATER LEADERS, SURFACE MOUNTED OR SUSPENDED EQUIPMENT OR OTHER UTILITIES.
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21. "FLOATING" OR "CLOUD" CEILINGS NOT CONNECTED TO WALLS SHALL BE SEISMICALLY BRACED TO STRUCTURE PER BUILDING CODE REQUIREMENTS. REFER TO TYPICAL DETAILS FOR BRACING DETAIL.

REFLECTED CEILING PLAN LEGEND





A25 LONGITUDINAL SECTION AT LIBRARY
3/8" = 1'-0"

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260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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BURLINGTON, VT 05401
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WILMINGTON ELEMENTARY SCHOOL

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PROJECT NUMBER: 23-0847

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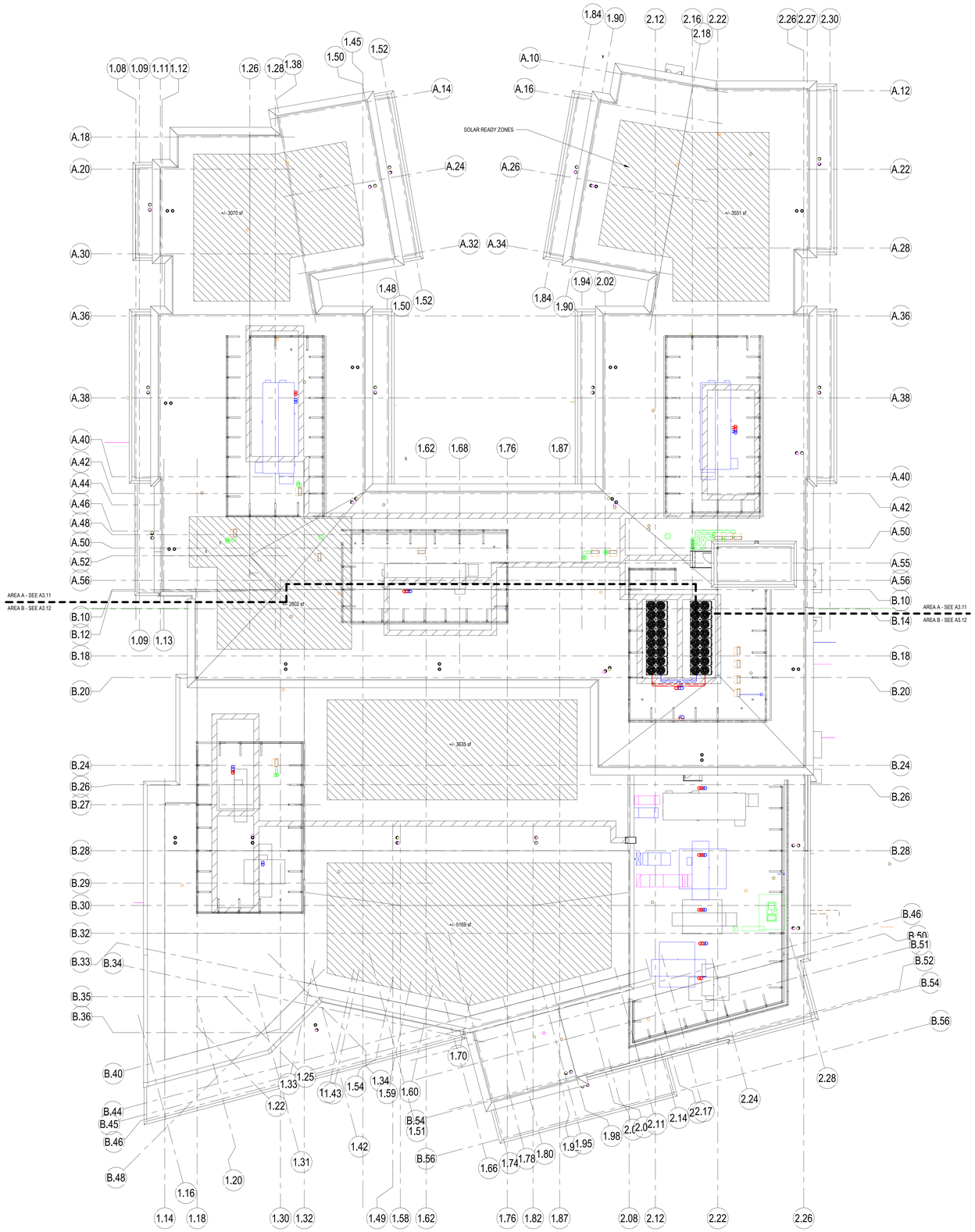
KEY PLAN

ORIENTATION AND SCALE:

SCALE: AS INDICATED

SHEET TITLE:
CEILING DETAILS

SHEET NUMBER:
A2.51



ROOF PLAN GENERAL NOTES

1. ALL ROOF AREAS SHALL BE ROOFING SYSTEM TYPE R1.1 UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
2. REFER TO SHEET A3.50 FOR DETAILED DESCRIPTIONS OF ROOF SYSTEM TYPES AND TYPICAL DETAILS.
3. ROOF TYPES INDICATED ARE INTENDED TO DESCRIBE ROOFING SYSTEMS IN GENERAL. REFER TO STRUCTURAL DRAWINGS FOR COORDINATION OF STRUCTURAL DECK OR SUBSTRATE. COORDINATE WITH STRUCTURAL AND MEPFP DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT SUPPORTED ON CONCRETE SLABS. COORDINATE TRANSITIONS BETWEEN STRUCTURAL DECK SYSTEMS AND MAINTAIN MINIMUM INSULATION THICKNESSES AT EQUIPMENT SLABS TO ENSURE SYSTEM PERFORMANCE AND WARRANTY REQUIREMENTS.
4. REFER TO MEPFP DRAWINGS FOR COORDINATION OF MECHANICAL EQUIPMENT, DEVICES, COMPONENTS, AND ASSOCIATED SUPPORT SYSTEMS. REFER TO PROJECT DETAILS INDICATED IN ARCHITECTURAL, STRUCTURAL, AND MEPFP DRAWINGS AND INCORPORATE ROOFING COMPONENTS REQUIRED TO ENSURE A WEATHER-TIGHT AND WARRANTIED SYSTEM AS DESCRIBED IN THE SPECIFICATIONS.
5. UNDERSIDE OF DECK (UOD) ELEVATIONS INDICATED ARE THEORETICAL ELEVATIONS PROVIDED AT STRUCTURAL COLUMN GRID INTERSECTIONS AND ARE RELATIVE TO THE LOWEST LEVEL OF THE PROJECT, UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. THE ROOFING AREAS SHALL FEATURE PLANAR SLOPE TOWARD DRAINS OF A MINIMUM ¼ INCH VERTICAL IN 12 INCHES HORIZONTAL DISTANCE. PROVIDE TAPERED INSULATION OR SHIMS TO MAINTAIN MINIMUM SLOPE AND AVOID PONDING.
7. PROVIDE TAPERED INSULATION AND/OR CRICKETS AT THE UPSLOPE SIDE OF ALL CURBS AND OTHER OBSTRUCTIONS TO DRAINAGE SLOPES, INCLUDING BUT NOT LIMITED TO CURBS FOR MECHANICAL EQUIPMENT, SKYLIGHTS, ACCESS HATCHES, AND SMOKE HATCHES.
8. PROVIDE ROOF WALK PADS AT EACH ROOF ACCESS POINT (ADJACENT TO ROOF HATCHES AND BOTTOM AND TOP OF ALL LADDERS OR STAIRS), AND AROUND ALL ROOFTOP EQUIPMENT WHETHER SHOWN IN DRAWINGS OR NOT.
9. DETAIL REFERENCES MAY NOT BE INDICATED FOR EACH OCCURRENCE OF ROOF PENETRATIONS OR ROOF MOUNTED EQUIPMENT. REFER TO THE ROOF LEGEND FOR ITEMS SHOWN ON THE ROOF PLAN, AND TO TYPICAL ROOF DETAILS AT SHEET A3.50 THAT ARE APPLICABLE TO THE WORK OF THIS PROJECT.
10. ROOFING SYSTEMS SHALL COMPLY WITH WIND LOAD AND PERFORMANCE REQUIREMENTS FOR ROOF COVERINGS. FASTENINGS, JOINT SEAM TREATMENTS, AND OTHER INSTALLATION DETAILS SHALL MEET MANUFACTURER'S REQUIREMENTS TO SATISFY CODE AND MEET WARRANTY REQUIREMENTS.
11. PROVIDE TAPERED INSULATION EDGE STRIPS, SHIMS, ADDITIONAL WOOD BLOCKING AND INSULATION FILLERS AS REQUIRED TO PROVIDE ½:12 MIN SLOPE AND FLUSH CONTINUOUS TRANSITIONS BETWEEN ROOF DECK TYPES.
12. MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ITEMS SHOWN ARE APPROXIMATE SIZE AND LOCATION FOR COORDINATION PURPOSES. REFER TO MEPFP PLANS AND SCHEDULES FOR ACTUAL ITEM DESIGNATIONS AND COORDINATE REQUIRED PENETRATIONS AND CLEARANCES, INCLUDING MANUFACTURER'S REQUIRED MAINTENECE CLEARANCES.
13. DETAIL REFERENCES ARE NOT INDICATED FOR EACH ROOF CONDITION OR PENETRATION. THE CONTRACTOR SHALL REFER TO PROJECT DETAILS FOR INFORMATION APPLICABLE TO MISCELLANEOUS ITEMS WHICH INCLUDE, BUT ARE NOT LIMITED TO, CONDUIT PENETRATIONS, GUY-WIRE TIE-DOWN POINTS, PROTECTED WOOD SLEEPERS, CONDENSATE LINES AND OTHER MISCELLANEOUS PIPING, AND SMALL DIAMETER EXHAUST DUCTS. REFER TO KITCHEN EQUIPMENT, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION OF REQUIRED ROOF PENETRATIONS AND DETAILS WHERE APPLICABLE.
14. PROVIDE 3' x 3' SUMP AT DRAINS, MAX SLOPE 1:12.

ROOFING SYSTEM
- R1 SINGLE PLY ROOFING SYSTEM
- R2 FIBERGLASS ROOF SHINGLES
- R3 STANDING SEAM METAL ROOFING
- R4 PROJECT SPECIFIC

STRUCTURAL DECKING MATERIAL
- 1 STEEL METAL DECKING
- 2 CONCRETE SLAB OR PLANK
- 3 STRUCTURAL WOOD SHEATHING
- 4 WOOD PLANK (HEAVY TIMBER)
- 5 CEMENTITIOUS WOOD FIBER COMPOSITE DECK (TECTUM)
- 6 PROJECT SPECIFIC

R2.1 2

FOR ALL STRUCTURAL DECKING MATERIAL, SEE STRUCTURAL DRAWINGS FOR TYPE

FINISH - PROJECT SPECIFIC
- a COLOR OR DECORATIVE GRAVEL
- b COLOR OR NO DECORATIVE GRAVEL

ROOF LEGEND

R2.1a	ROOF TYPE TAG, REFER TO A3.50 AND A3.51 FOR TYPES
	ROOF DRAIN / OVERFLOW DRAIN W/ INSUL SUMP: SEE PLUMBING DWG's
	DIRECTION OF SLOPING STRUCTURE (FLAT INSULATION AREA)
	DIRECTION OF SLOPE AT TAPERED INSULATION (MIN. 1/4"=1'-0")
	ROOF ACCESS HATCH
	TAPERED INSULATION (MIN. SLOPE = 1/4":1'-0")
	WALKWAY PADS
	EXPANSION JOINT
ROOF HYDRANT	ROOF HYDRANT; SEE FIRE PROTECTION DRAWINGS
EQUIPMENT SCREEN SEGMENT NUMBER. REFER TO A8/A3.51 FOR SEGMENT HEIGHTS. ROOF TOP EQUIPMENT SCREEN 6	
VTR	VENT THROUGH ROOF: COORDINATE LOCATION W/ PLUMBING DRAWINGS. SEE TYPICAL FLASHING DETAILS @ SHEET A3.51
EF	EXHAUST FAN WITH CURB: COORDINATE LOCATION WITH HVAC DRAWINGS. SEE TYPICAL FLASHING DETAILS @ SHEET A3.51
	ROOF HOOD/ GRAVITY VENT WITH CURB: COORDINATE LOCATION WITH HVAC DRAWINGS. SEE TYPICAL FLASHING DETAILS @ SHEET A3.51
COND	CONDENSING UNIT ON PROTECTED WOOD SLEEPERS; COORD PITCH POCKET PIPE PENETRATION. COORDINATE LOCATION WITH HVAC DRAWINGS. SEE PROTECTED WOOD SLEEPER AND PITCH POCKET DETAILS @ SHEET A3.51
	AIR HANDLING UNIT ON CURBS: COORDINATE LOCATION WITH HVAC DRAWINGS. SEE TYPICAL FLASHING DETAILS @ SHEET A3.51
	HVAC PIPING PENETRATION @ ROOF. COORDINATE LOCATION, SIZE, AND TYPE WITH HVAC DRAWINGS. SEE TYPICAL FLASHING DETAILS @ SHEET A3.50
	SOLAR READY ZONE
	ROOFTOP DISCONNECT, POWER, AND DUAL DATA OUTLET ON UNISTRUT RACK ON PROTECTED WOOD SLEEPERS. COORDINATE LOCATION WITH HVAC CONTRACTOR. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS. SEE PROTECTED WOOD SLEEPER AND PITCH POCKET DETAILS @ SHEET A3.50. SEE DETAIL 3/E3.05

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PROJECT NUMBER: 23-0847

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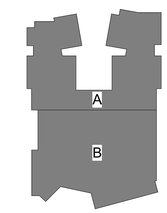
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE

PROJECT NORTH

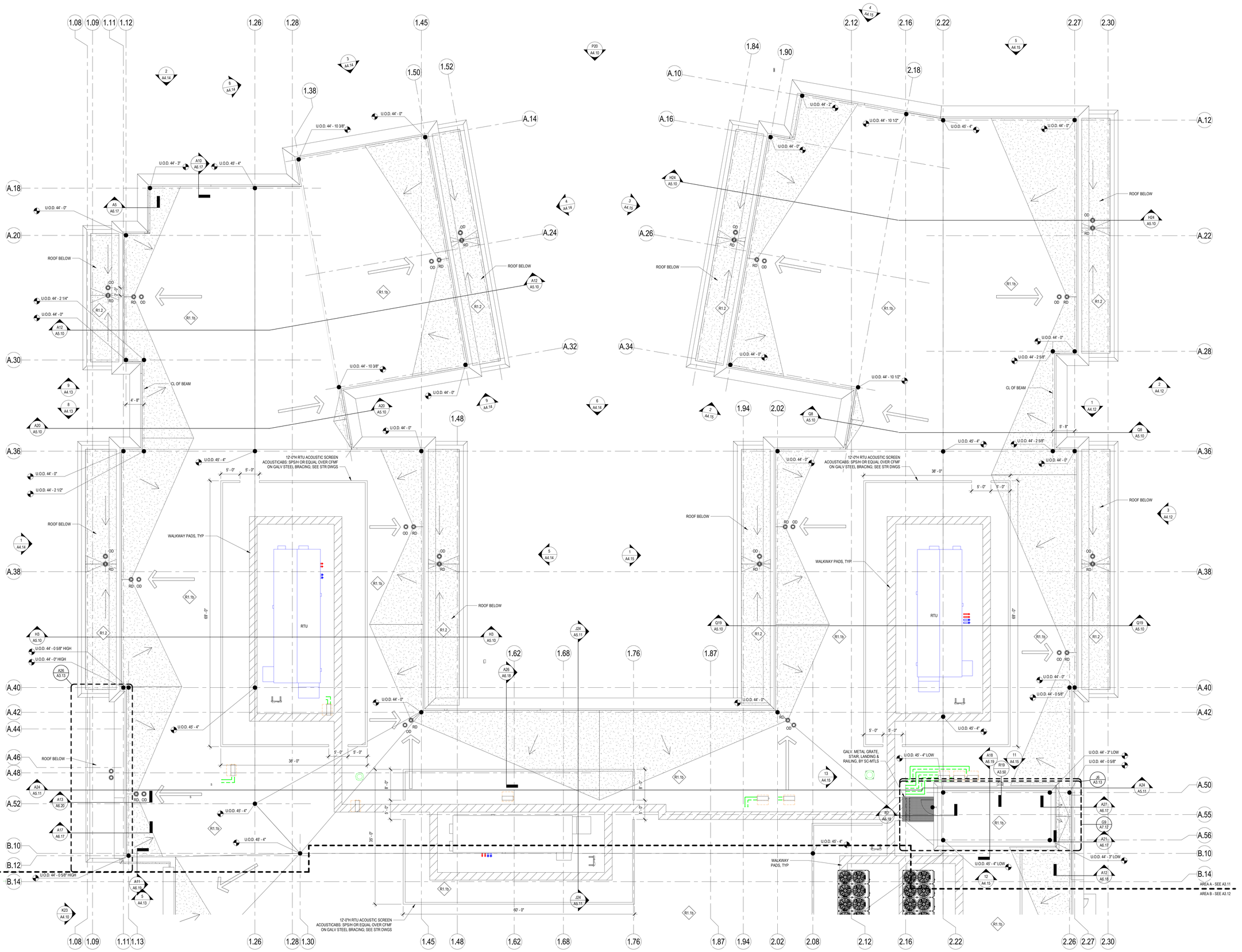
SHEET TITLE:

OVERALL ROOF PLAN

SHEET NUMBER:

A3.10

FOR ROOF GENERAL NOTES AND LEGENDS SEE SHEET A3.10



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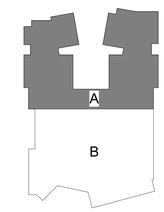
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N
TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

ROOF PLAN - AREA A

SHEET NUMBER:

A3.11

FOR ROOF GENERAL NOTES AND LEGENDS SEE SHEET A3.10

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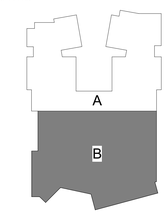
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ORIENTATION AND SCALE:

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TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE
PROJECT NORTH

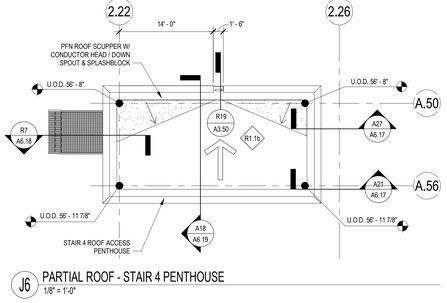
SHEET TITLE:

ROOF PLAN - AREA B

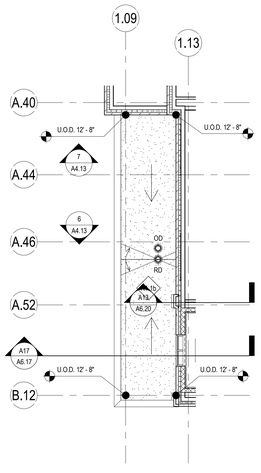
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A3.12

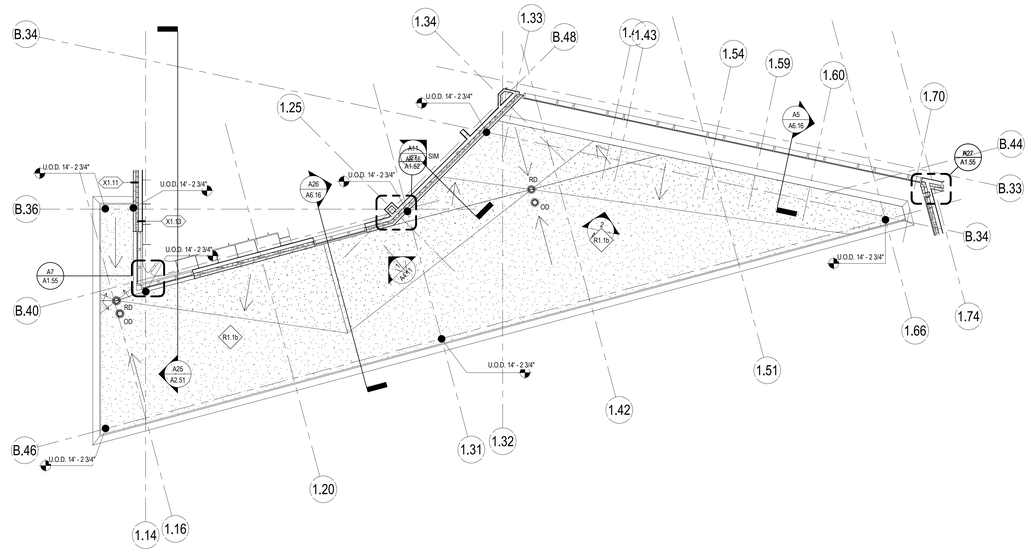
FOR ROOF GENERAL NOTES AND LEGENDS SEE SHEET A3.10



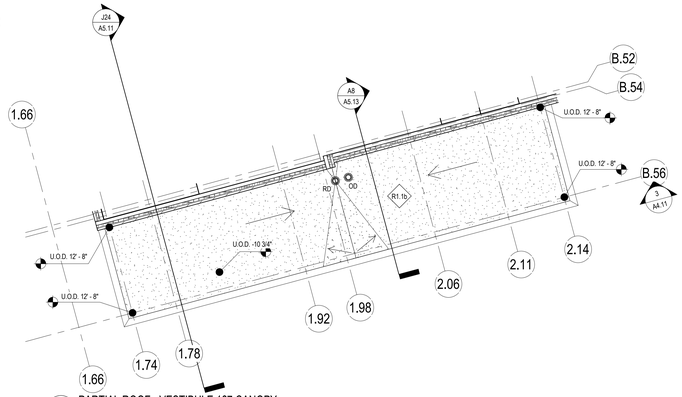
J6 PARTIAL ROOF - STAIR 4 PENTHOUSE
1/8" = 1'-0"



A26 PARTIAL ROOF - VESTIBULE 101 / STAIR 2 CANOPY
1/8" = 1'-0"



A21 PARTIAL ROOF - VESTIBULE 172 MAIN ENTRY CANOPY
1/8" = 1'-0"



A8 PARTIAL ROOF - VESTIBULE 167 CANOPY
1/8" = 1'-0"

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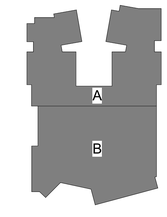
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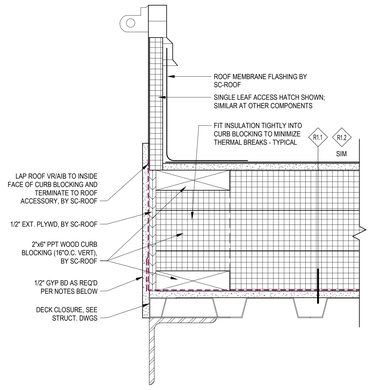
ORIENTATION AND SCALE:



PROJECT NORTH

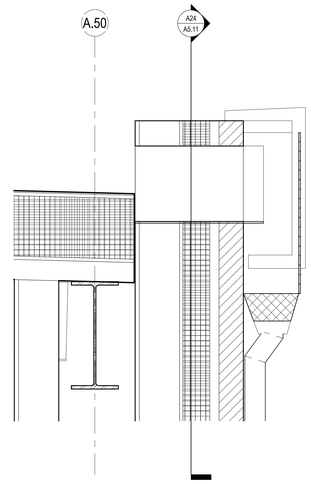
SHEET TITLE:
PARTIAL ROOF PLANS

SHEET NUMBER:
A3.13

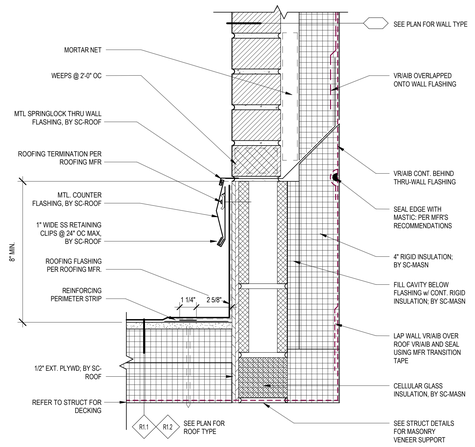


NOTES:
1. IT SHALL BE ASSUMED THAT ROOF DECK IS SLOPED TO DRAIN AND, THEREFORE, THE HEIGHT OF THE CURB BLOCKING WILL VARY ON EACH SIDE OF THE COMPONENT. TOP OF CURB BLOCKING SHALL BE LEVEL.
2. WHERE TOP OF BLOCKING CURB IS ABOVE COVER BOARD PROVIDE CANT TRANSITION.
3. WHERE INSIDE OF CURB IS EXPOSED TO VIEW (ACCESS HATCH, SMOKE VENT, SKYLIGHT, OR OTHER SIMILAR COMPONENT) PROVIDE 1/2" GYP BD FINISH OVER VR/AIB UNLESS SPECIFICALLY DETAILED OTHERWISE.

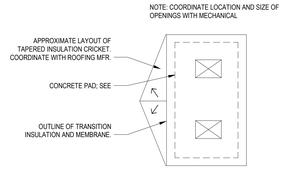
R25 TYPICAL TYPE R1.1 / R1.2 ROOF CURB BLOCKING
3" = 1'-0"



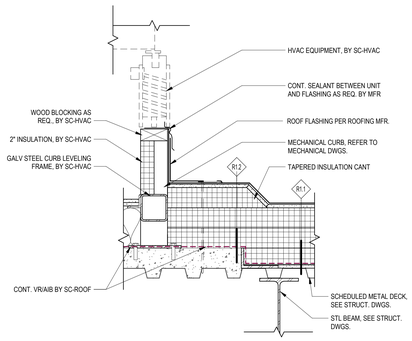
R19 SCUPPER / COLLECTION BOX DETAIL
1 1/2" = 1'-0"



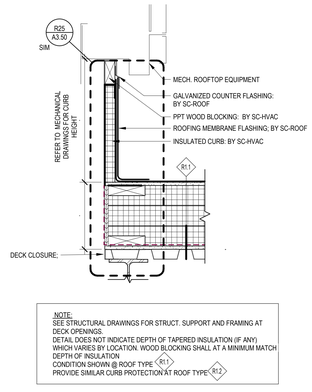
R13 TYPICAL TYPE R1.1 / R1.2 ROOF TO BRICK VENEER TRANSITION
3" = 1'-0"



K27 TYPICAL ENLARGED ROOF PLAN @ CONCRETE PAD
N.T.S.

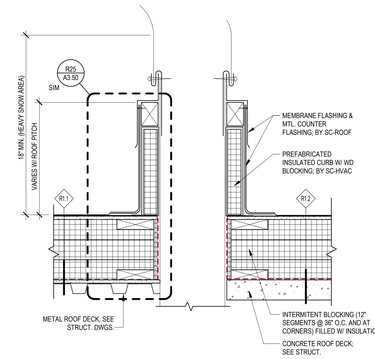


K23 TYPE R1.1 / R1.2 ROOF TERMINATION AT MECHANICAL VIBRATION CURB
1 1/2" = 1'-0"

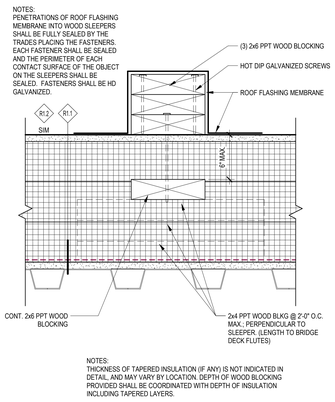


NOTE:
SEE STRUCTURAL DRAWINGS FOR STRUCT. SUPPORT AND FRAMING AT DECK OPENINGS.
DETAIL DOES NOT INDICATE DEPTH OF TAPERED INSULATION (IF ANY) WHICH VARIES BY LOCATION. WOOD BLOCKING SHALL AT A MINIMUM MATCH DEPTH OF INSULATION
CONDITION SHOWN @ ROOF TYPE R1.1
PROVIDE SIMILAR CURB PROTECTION AT ROOF TYPE R1.2

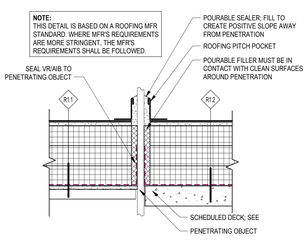
K17 TYPICAL TYPE R1.1 / R1.2 ROOF TERMINATION AT MECHANICAL CURB
1 1/2" = 1'-0"



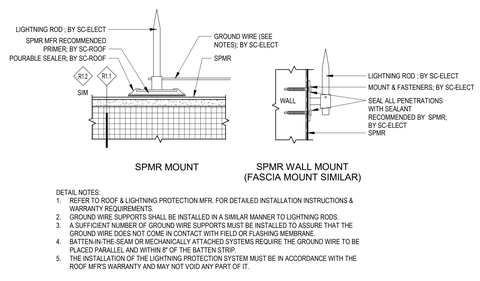
K12 TYPICAL TYPE R1.1 / R1.2 DUCT PENETRATION
1 1/2" = 1'-0"



K7 TYPICAL TYPE R1.1 / R1.2 PROTECTED WOOD SLEEPER
3" = 1'-0"

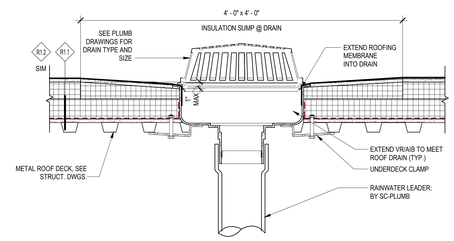


E27 TYPICAL TYPE R1.1 / R1.2 PITCH POCKET DETAIL
1 1/2" = 1'-0"

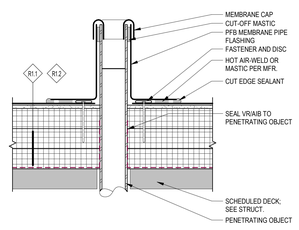


DETAIL NOTES:
1. REFER TO ROOF & LIGHTNING PROTECTION MFR. FOR DETAILED INSTALLATION INSTRUCTIONS & WARRANTY REQUIREMENTS.
2. GROUND WIRE SUPPORTS SHALL BE INSTALLED IN A SIMILAR MANNER TO LIGHTNING RODS.
3. A SUFFICIENT NUMBER OF GROUND WIRE SUPPORTS MUST BE INSTALLED TO ASSURE THAT THE GROUND WIRE DOES NOT COME IN CONTACT WITH FIELD OR FLASHING MEMBRANE.
4. BATTEN-IN-THE-SEAM OR MECHANICALLY ATTACHED SYSTEMS REQUIRE THE GROUND WIRE TO BE PLACED PARALLEL AND WITHIN 8" OF THE BATTEN STRIP.
5. THE INSTALLATION OF THE LIGHTNING PROTECTION SYSTEM MUST BE IN ACCORDANCE WITH THE ROOF MFR'S WARRANTY AND MAY NOT VOID ANY PART OF IT.

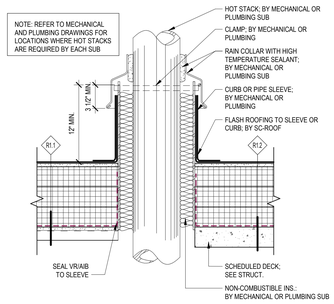
E23 TYPICAL R1.1 / R1.2 LIGHTNING ROD MOUNTING DETAILS
3" = 1'-0"



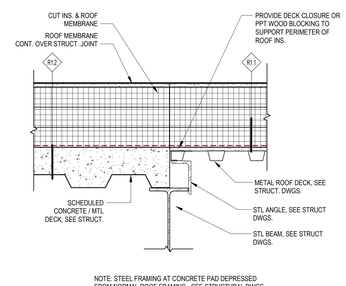
E17 TYPICAL TYPE R1.1 / R1.2 ROOF DRAIN
1 1/2" = 1'-0"



E11 TYPICAL TYPE R1.1 / R1.2 VENT STACK DETAIL
1 1/2" = 1'-0"

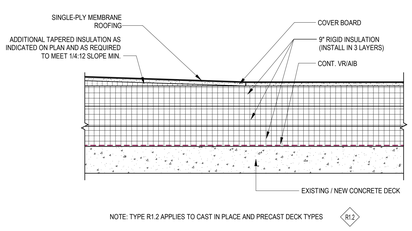


E6 TYPICAL TYPE R1.1 / R1.2 HOT STACK DETAIL
1 1/2" = 1'-0"



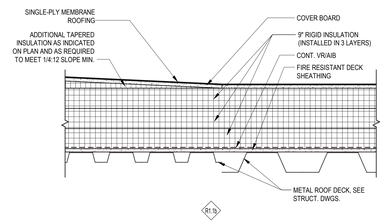
NOTE: STEEL FRAMING AT CONCRETE PAD DEPRESSED FROM NORMAL ROOF FRAMING - SEE STRUCTURAL DWGS

A27 TYPICAL TYPE R1.1 TO TYPE R1.2 ROOF TRANSITION
1 1/2" = 1'-0"

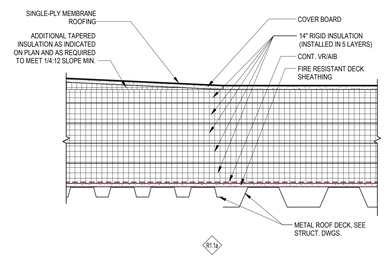


NOTE: TYPE R1.2 APPLIES TO CAST IN PLACE AND PRECAST DECK TYPES

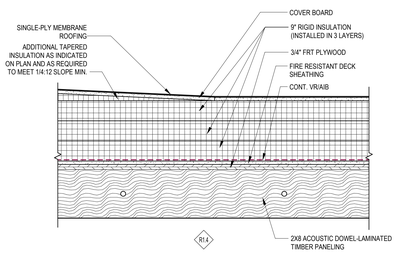
A22 TYPE R1.2 ROOF ASSEMBLY
1 1/2" = 1'-0"



A16 TYPE R1.1b ROOF ASSEMBLY
1 1/2" = 1'-0"



A11 TYPE R1.1a ROOF ASSEMBLY
1 1/2" = 1'-0"



A6 TYPE R1.4 ROOF ASSEMBLY
1 1/2" = 1'-0"

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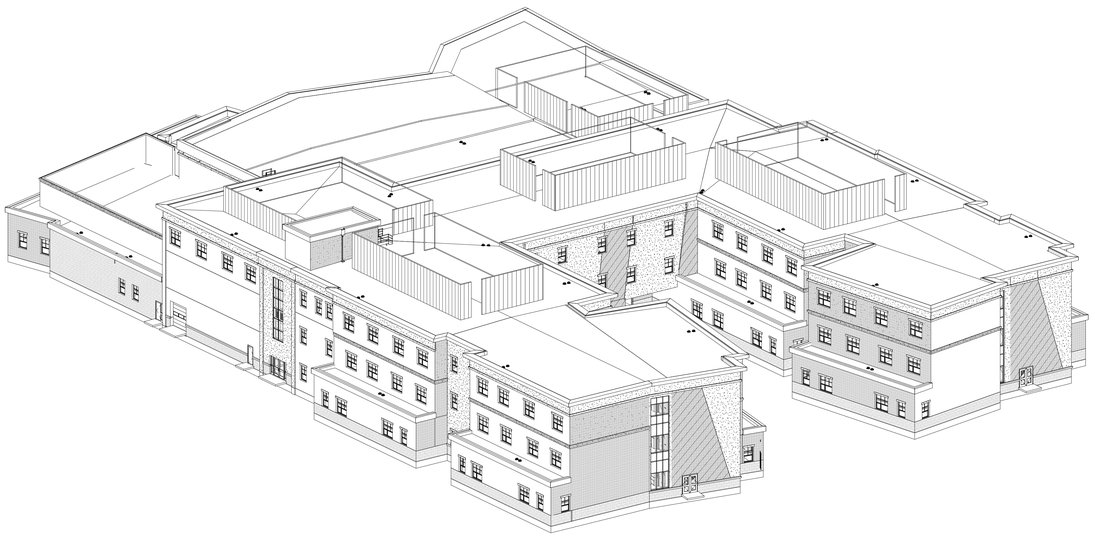
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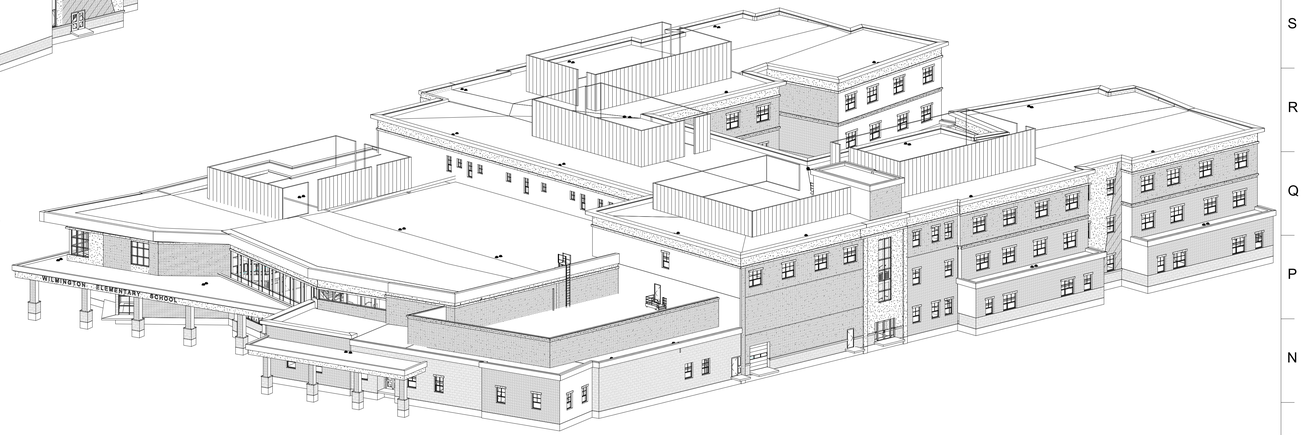
ORIENTATION AND SCALE:

SHEET TITLE:
ROOF DETAILS

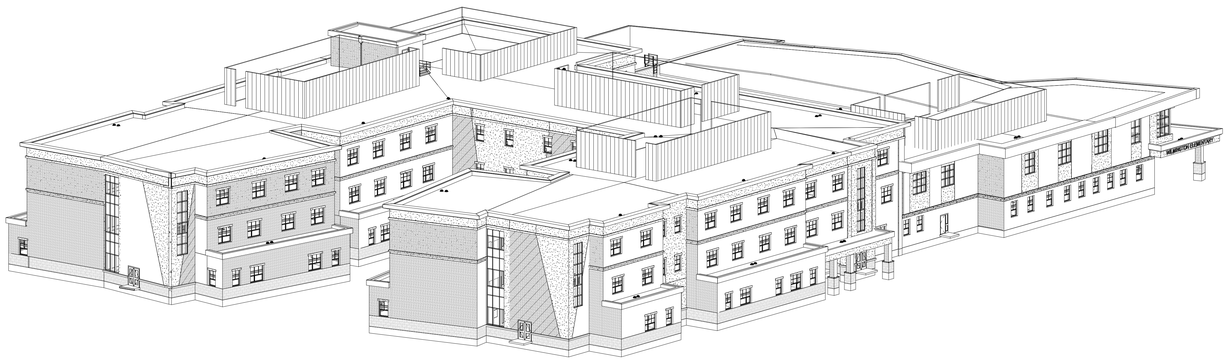
SHEET NUMBER:
A3.50



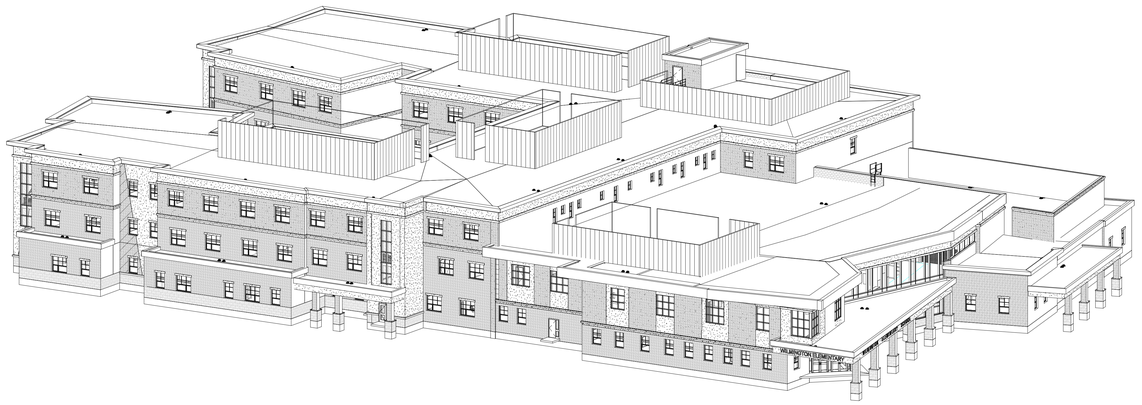
Q27 EXTERIOR AXON - NORTHWEST



M15 EXTERIOR AXON - NORTHEAST



E27 EXTERIOR AXON - SOUTHWEST



A15 EXTERIOR AXON - SOUTHEAST

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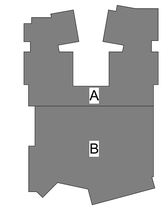
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ORIENTATION AND SCALE:

SHEET TITLE:
EXTERIOR AXONS

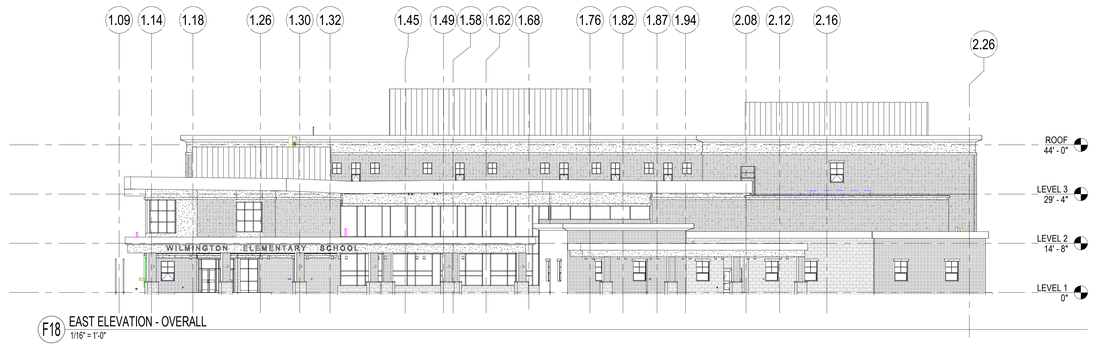
SHEET NUMBER:
A4.00



P20 WEST ELEVATION - OVERALL
1/16" = 1'-0"



K23 SOUTH ELEVATION - OVERALL
1/16" = 1'-0"



F18 EAST ELEVATION - OVERALL
1/16" = 1'-0"



A23 NORTH ELEVATION - OVERALL
1/16" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

1. EXTERIOR ELEVATIONS ARE PROVIDED TO SHOW THE GENERAL ARRANGEMENT OF EXTERIOR WALL FINISH MATERIALS. REFER TO WALL SECTIONS AND DETAILS FOR DETAILED DESCRIPTION OF CONSTRUCTION.
2. LINE OF GRADE INDICATED IS APPROXIMATE – REFER TO CIVIL / LANDSCAPE GRADING PLANS FOR GRADING INFORMATION.
3. WHERE PORTIONS OF ELEVATIONS ARE OBSCURED FROM VIEW BY FREESTANDING COLUMNS, FASCIA, ROOF EDGES, OR OTHER PROJECTING CONSTRUCTION, THE CONTRACTOR SHALL ASSUME THAT THE ADJACENT WALL FINISHES EXTEND INTO THE AREAS OBSCURED FROM VIEW, UNLESS SPECIFICALLY INDICATED AS OTHERWISE IN BUILDING AND WALL SECTIONS.
4. DIMENSIONAL INFORMATION PROVIDED RELATIVE TO MASONRY VENEER IS BASED ON NOMINAL FULL INCH MASONRY COURSING.
5. REFER TO ROOF PLAN FOR DESCRIPTION OF ROOFING SYSTEMS AND MATERIALS.
6. REFER TO CURTAIN-WALL TYPES AND DETAILS FOR INFORMATION RELATED TO CURTAIN-WALL, GLAZING TYPES, INSTALLATION, AND TRIM AT OPENINGS.
7. REFER TO WINDOW TYPES AND DETAILS FOR INFORMATION RELATED TO WINDOWS, OPERABLE SASH, GLAZING TYPES, INSTALLATION, AND TRIM AT OPENINGS.
8. REFER TO LOUVER TYPES AND DETAILS FOR INFORMATION RELATED TO LOUVER OPENINGS, SIZES, INSTALLATION, AND TRIM AT OPENINGS.
9. REFER TO BUILDING AND WALL SECTIONS FOR HEIGHT OF MASONRY COURSING AND TOP OF MASONRY ELEVATIONS.
10. PROVIDE MASONRY VENEER CONTROL JOINTS WHERE INDICATED IN ELEVATIONS. IN ADDITION, PROVIDE CONTROL JOINTS AT THE FOLLOWING LOCATIONS:
    a. ON ONE SIDE OF AN OUTWARD BUILDING CORNER WITHIN 2'-0" OF THE CORNER.
    b. AT EACH INWARD BUILDING CORNER.
    c. WHERE THE HEIGHT OF THE FACADE MASONRY VENEER CHANGES.
    d. WHERE THE METHOD OF SUPPORT FOR MASONRY VENEER CHANGES, SUCH AS AT ENDS OF RELIEVING ANGLES OR STRUCTURAL LINTELS SUPPORTED FROM ROOF STRUCTURE.
    e. ON UNINTERRUPTED SPANS OF MASONRY VENEER AT MAXIMUM 20'-0" SPACING.
11. SEALANT AND BACKER ROD AT MASONRY VENEER CONTROL JOINTS SHALL BE PROVIDED AND INSTALLED BY THE WATERPROOFING / JOINT SEALANT SUB-CONTRACTOR.
12. WHERE LOOSE LINTELS CROSS CONTROL JOINTS, PROVIDE BOND-BREAK FABRIC WRAP OF LINTEL END AT PORTION OF LINTEL EXTENDING PAST CONTROL JOINT.
13. WHERE MASONRY VENEER MATERIAL CHANGES OCCUR, INCLUDING FROM BRICK TO CMU OR PRECAST CONCRETE, PROVIDE A BOND BREAK SEPARATOR BETWEEN COURSES.
14. ELEVATIONS MAY NOT SHOW ALL BUILDING FEATURES WITH CLARITY, SUCH AS REGLET COUNTER-FLASHINGS AND TERMINATION BARS WHERE ROOF MEMBRANE FLASHINGS TERMINATE ON SIDE WALLS. REFER TO WALL SECTION AND ROOF EDGE DETAILS FOR DETAILS AND INFORMATION RELATED TO THESE CONDITIONS.
15. PAINT ALL EXPOSED LINTELS TO MATCH ADJACENT WALL.

EXTERIOR MATERIALS LEGEND

- BRICK VENEER TYPE 1
- BRICK VENEER TYPE 2
- BRICK VENEER TYPE 3
- METAL PANEL / MCM PANEL
- EV-CMU
- VERTICAL STANDING SEAM METAL PANEL SIDING
- CONCRETE / CAST STONE PRE-CAST CONCRETE
- CORRUGATED METAL PANEL (SIDING AND EQUIPMENT
- LOUVER
- VISION PANEL - OPERABLE

EXTERIOR ELEVATION SYMBOLS LEGEND

- CA — CAMERA; SEE SECURITY DWGS
- SP — SPEAKER; SEE COMMUNICATION DWGS
- CR — CARD READER; SEE TECHNOLOGY DWGS
- A1 — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- D — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- HW — FIRE ALARM HORN/ STROBE; SEE FIRE ALARM DWGS
- FA — RED FIRE ALARM BEACON; SEE FIRE ALARM DWGS
- SE — AMBER SECURITY BEACON; SEE FIRE ALARM AND TECHNOLOGY DRAWINGS
- SP — SPRINKLER ALARM BEACON AND BELL; SEE FIRE ALARM DWGS
- H — HOSE BIB; SEE PLUMBING DWGS
- PENDANT MOUNT LIGHT FIXTURE, SEE ELEC. DWGS. LOCATE SL4 AT 8'-0" ABOVE LEVEL 1 TO B.O. FIXTURE. LOCATE SL5 AT 14'-0" ABOVE LEVEL 1 TO B.O. FIXTURE.
- WALL SCONCE LIGHT FIXTURE, SEE ELEC. DWGS. LOCATE LEVEL 1 SC1 AT 7'-8" ABOVE LEVEL 1 TO B.O. FIXTURE. LOCATE LEVEL 2 SC-1 AT 4'-0" ABOVE LEVEL 2 TO B.O. FIXTURE
- 3/4" — EXTENT OF BRICK VENEER PROJECTING BEYOND THE DATUM FACE OF BRICK VENEER PLANE. SEE PROJECT DETAILS AND SPECIAL BRICK SHAPES FOR ASSEMBLIES

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

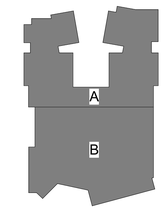
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

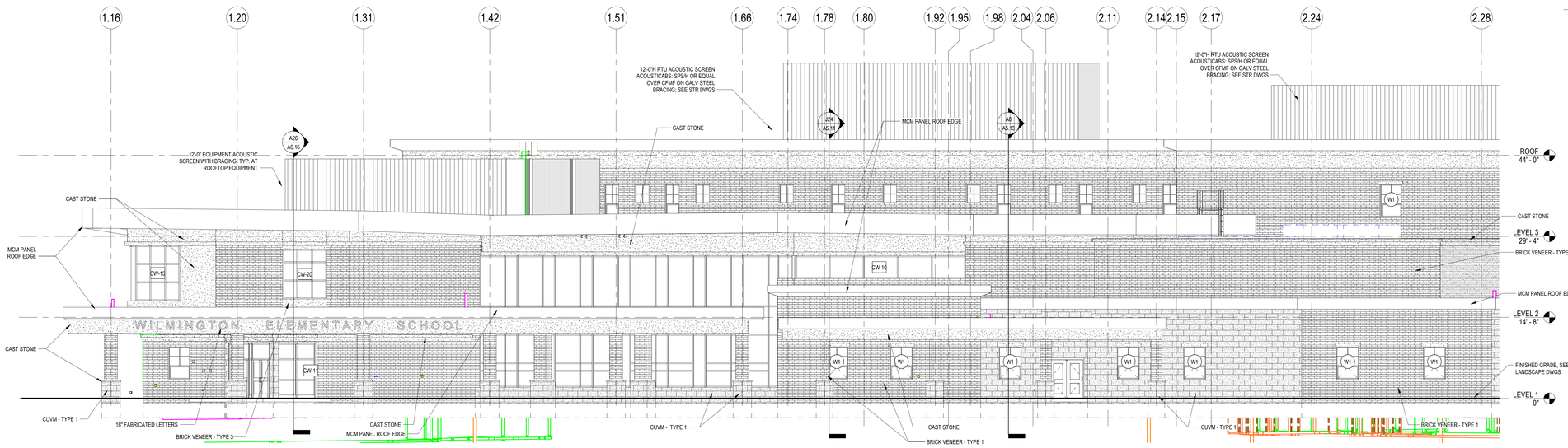


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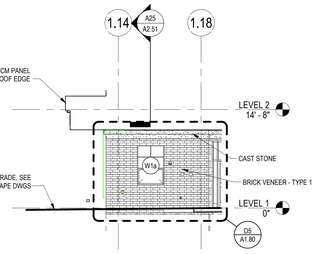
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0 8' 16' 32'
SCALE: 1/16"=1'-0" GRAPHIC SCALE
PROJECT NORTH

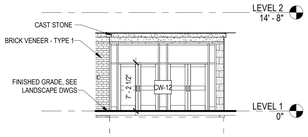
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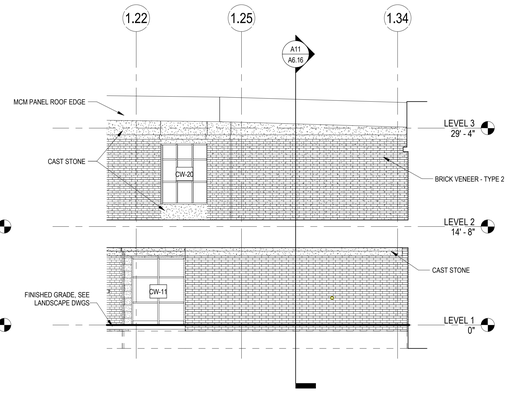
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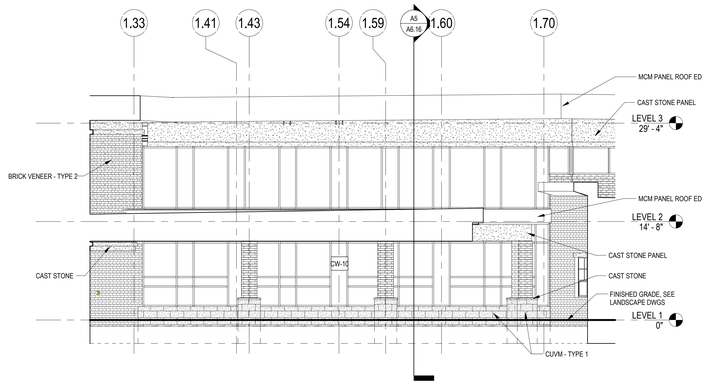


3 PARTIAL EAST ELEVATION 1
1/8" = 1'-0"







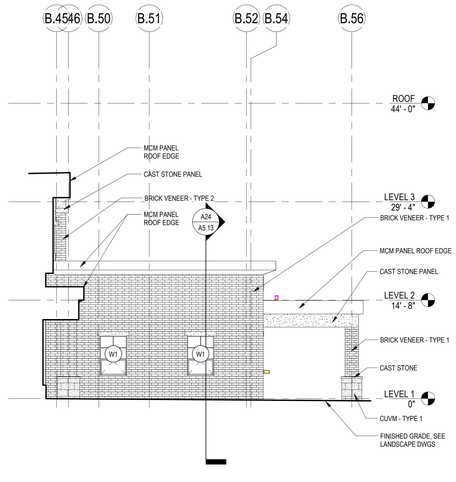


6 PARTIAL EAST ELEVATION 12
1/8" = 1'-0"

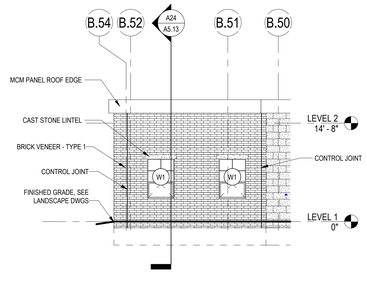
4 PARTIAL EAST ELEVATION 13
1/8" = 1'-0"

1 PARTIAL EAST ELEVATION 11
1/8" = 1'-0"

2 PARTIAL EAST ELEVATION 10
1/8" = 1'-0"



7 PARTIAL SOUTH ELEVATION 3
1/8" = 1'-0"



5 PARTIAL EAST ELEVATION 15
1/8" = 1'-0"

EXTERIOR ELEVATION SYMBOLS LEGEND

- CA — CAMERA; SEE SECURITY DWGS
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- CR — CARD READER; SEE TECHNOLOGY DWGS
- A1 — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- D — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- HI — FIRE ALARM HORN/ STROBE; SEE FIRE ALARM DWGS
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- +3/4" — EXTENT OF BRICK VENEER PROJECTING BEYOND THE DATUM FACE OF BRICK VENEER PLANE. SEE PROJECT DETAILS AND SPECIAL BRICK SHAPES FOR ASSEMBLIES

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PROJECT NUMBER: 23-0847

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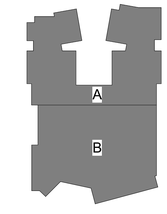
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KEY PLAN



ORIENTATION AND SCALE:

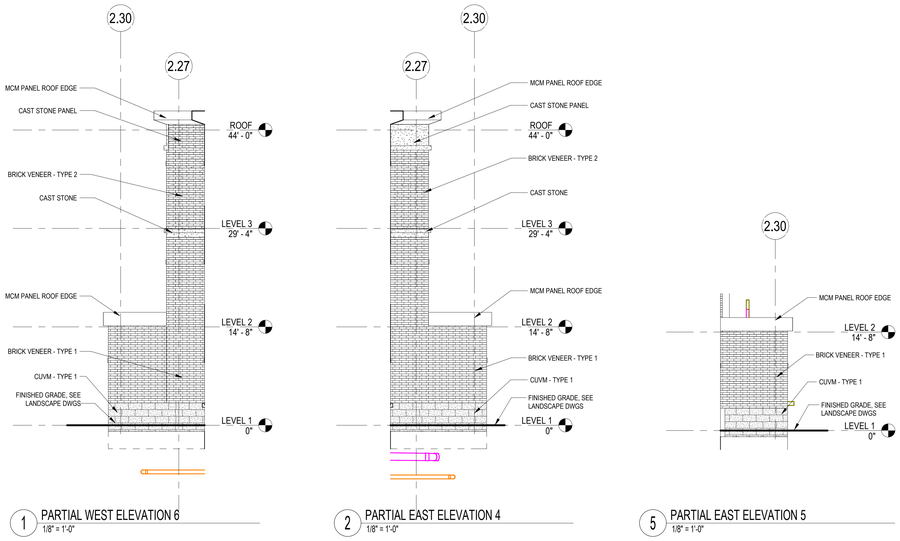
N
TRUE NORTH
PROJECT NORTH
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SCALE: 1/8"=1'-0" GRAPHIC SCALE

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EXTERIOR ELEVATIONS

SHEET NUMBER:

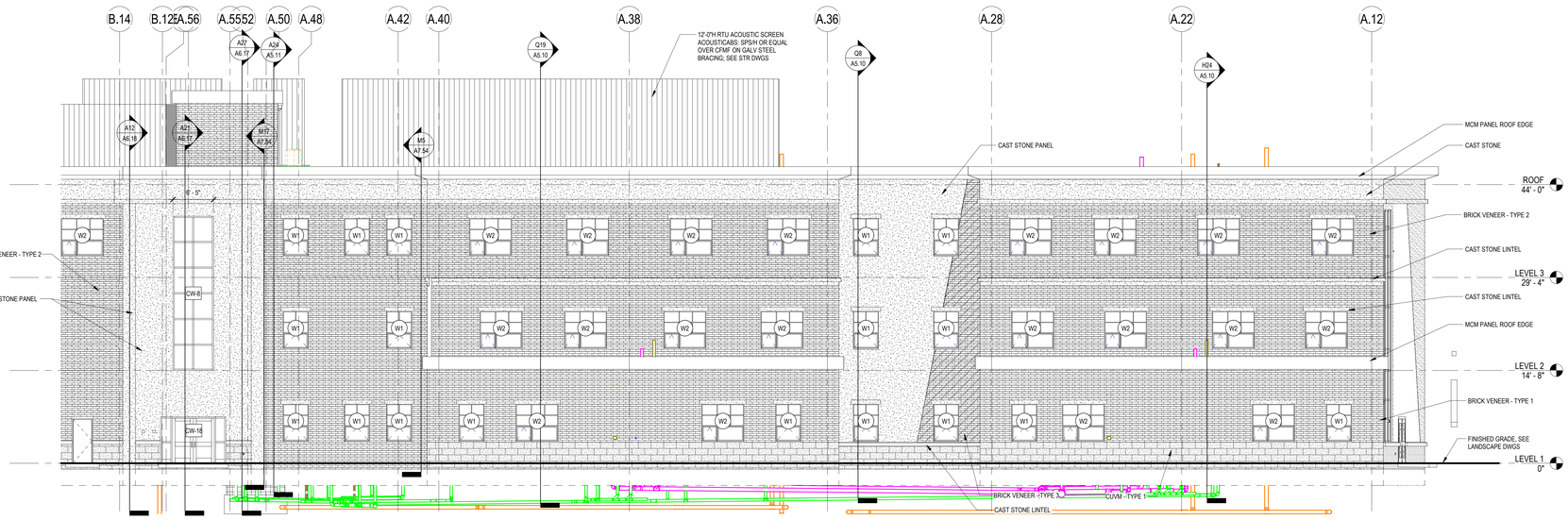
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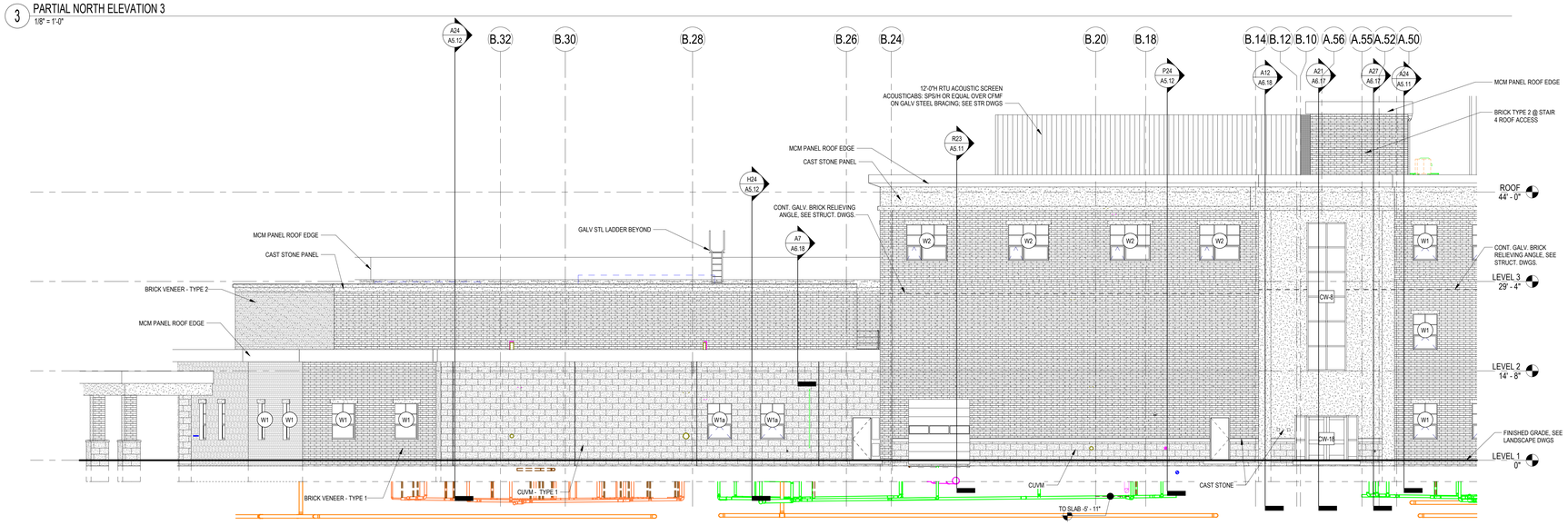
1 PARTIAL WEST ELEVATION 6
1/8" = 1'-0"

2 PARTIAL EAST ELEVATION 4
1/8" = 1'-0"

5 PARTIAL EAST ELEVATION 5
1/8" = 1'-0"



3 PARTIAL NORTH ELEVATION 3
1/8" = 1'-0"



4 PARTIAL NORTH ELEVATION
1/8" = 1'-0"

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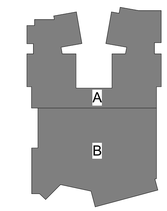
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

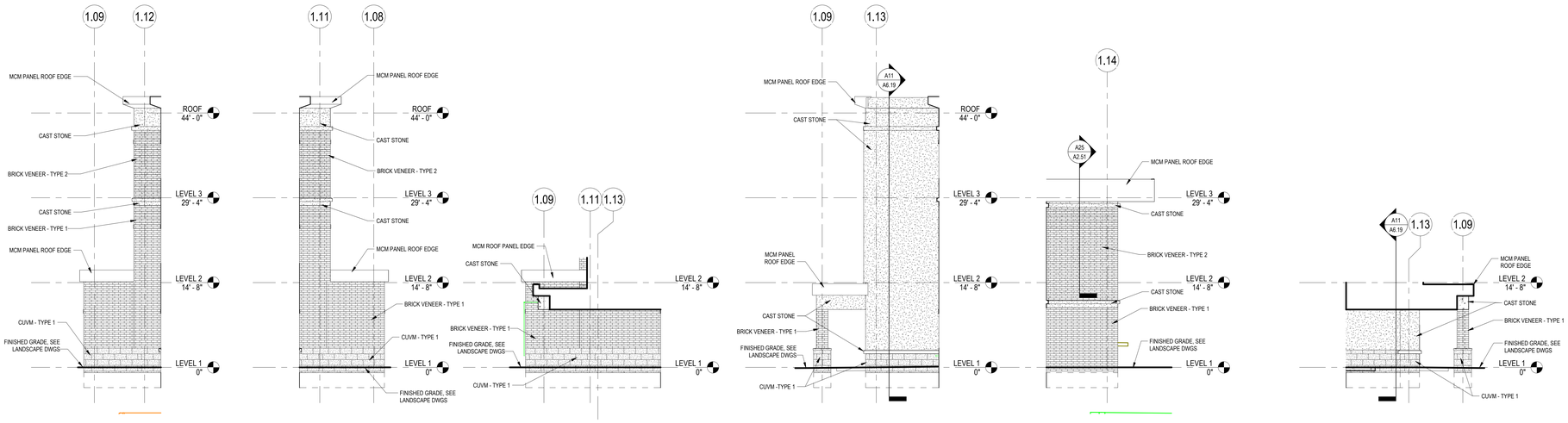
SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NUMBER:

A4.12

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9 PARTIAL EAST ELEVATION 8
1/8" = 1'-0"

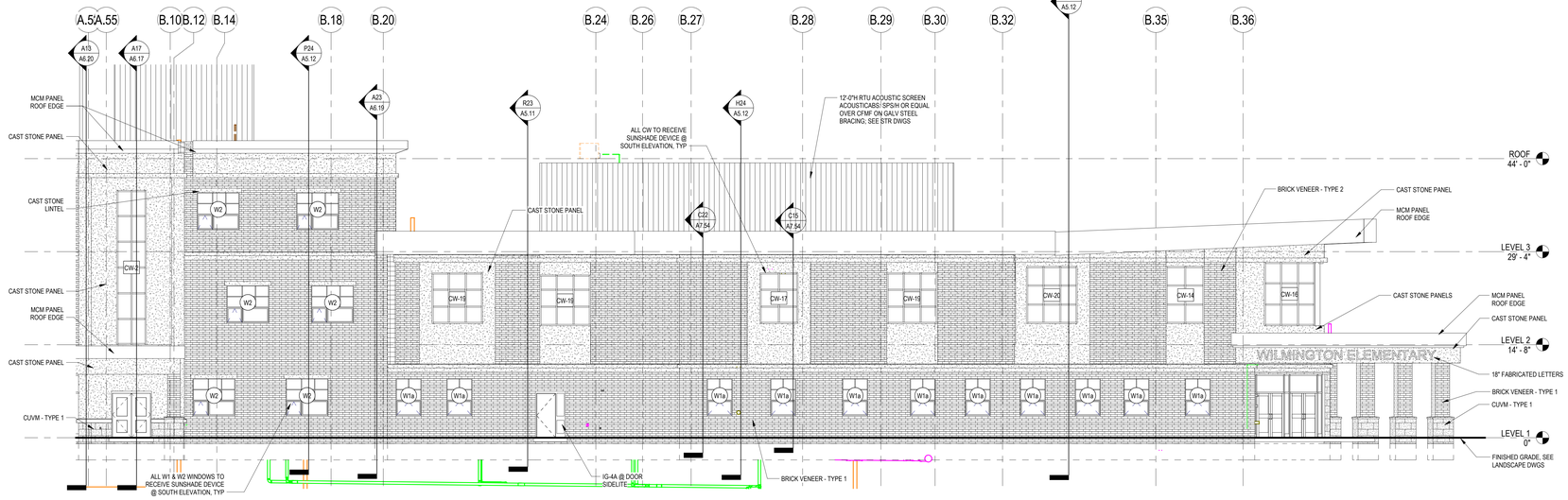
8 PARTIAL WEST ELEVATION 9
1/8" = 1'-0"

7 PARTIAL EAST ELEVATION 7
1/8" = 1'-0"

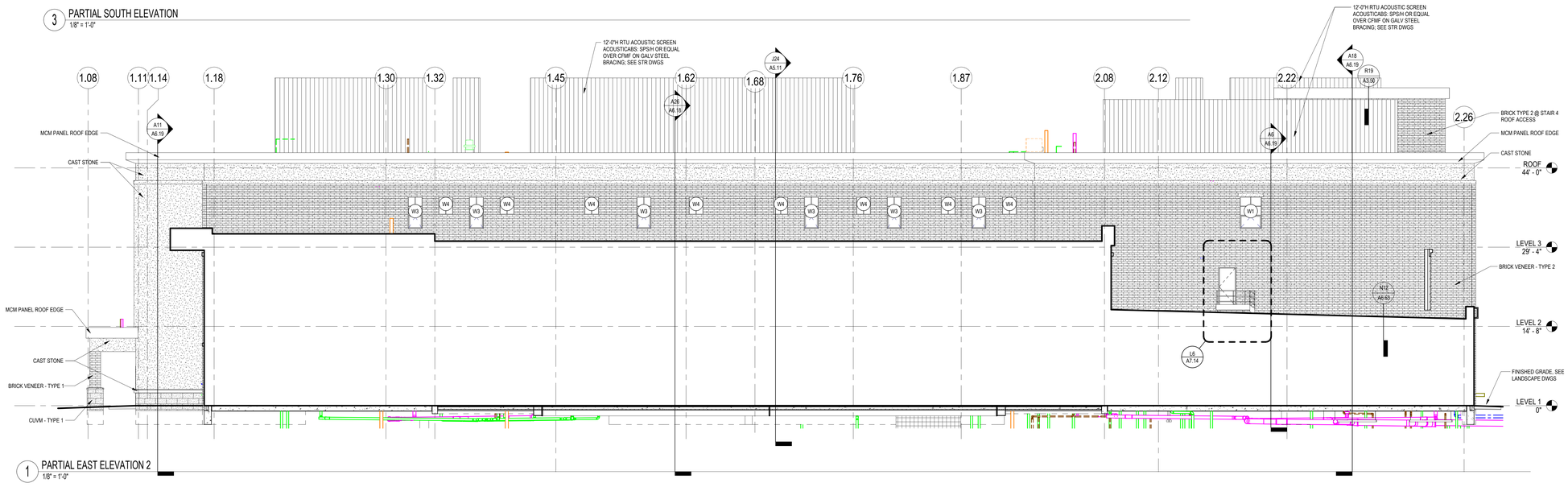
5 PARTIAL EAST ELEVATION 6
1/8" = 1'-0"

4 PARTIAL WEST ELEVATION 7
1/8" = 1'-0"

6 PARTIAL WEST ELEVATION 8
1/8" = 1'-0"



3 PARTIAL SOUTH ELEVATION
1/8" = 1'-0"



1 PARTIAL EAST ELEVATION 2
1/8" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

1. EXTERIOR ELEVATIONS ARE PROVIDED TO SHOW THE GENERAL ARRANGEMENT OF EXTERIOR WALL FINISH MATERIALS. REFER TO WALL SECTIONS AND DETAILS FOR DETAILED DESCRIPTION OF CONSTRUCTION.
2. LINE OF GRADE INDICATED IS APPROXIMATE – REFER TO CIVIL / LANDSCAPE GRADING PLANS FOR GRADING INFORMATION.
3. WHERE PORTIONS OF ELEVATIONS ARE OBSCURED FROM VIEW BY FREESTANDING COLUMNS, FASCIA, ROOF EDGES, OR OTHER PROJECTING CONSTRUCTION, THE CONTRACTOR SHALL ASSUME THAT THE ADJACENT WALL FINISHES EXTEND INTO THE AREAS OBSCURED FROM VIEW, UNLESS SPECIFICALLY INDICATED AS OTHERWISE IN BUILDING AND WALL SECTIONS.
4. DIMENSIONAL INFORMATION PROVIDED RELATIVE TO MASONRY VENEER IS BASED ON NOMINAL FULL INCH MASONRY COURSING.
5. REFER TO ROOF PLAN FOR DESCRIPTION OF ROOFING SYSTEMS AND MATERIALS.
6. REFER TO CURTAIN-WALL TYPES AND DETAILS FOR INFORMATION RELATED TO CURTAIN-WALL, GLAZING TYPES, INSTALLATION, AND TRIM AT OPENINGS.
7. REFER TO WINDOW TYPES AND DETAILS FOR INFORMATION RELATED TO WINDOWS, OPERABLE SASH, GLAZING TYPES, INSTALLATION, AND TRIM AT OPENINGS.
8. REFER TO LOUVER TYPES AND DETAILS FOR INFORMATION RELATED TO LOUVER OPENINGS, SIZES, INSTALLATION, AND TRIM AT OPENINGS.
9. REFER TO BUILDING AND WALL SECTIONS FOR HEIGHT OF MASONRY COURSING AND TOP OF MASONRY ELEVATIONS.
10. PROVIDE MASONRY VENEER CONTROL JOINTS WHERE INDICATED IN ELEVATIONS. IN ADDITION, PROVIDE CONTROL JOINTS AT THE FOLLOWING LOCATIONS:
    a. ON ONE SIDE OF AN OUTWARD BUILDING CORNER WITHIN 2'-0" OF THE CORNER.
    b. AT EACH INWARD BUILDING CORNER.
    c. WHERE THE HEIGHT OF THE FACADE MASONRY VENEER CHANGES.
    d. WHERE THE METHOD OF SUPPORT FOR MASONRY VENEER CHANGES, SUCH AS AT ENDS OF RELIEVING ANGLES OR STRUCTURAL LINTELS SUPPORTED FROM ROOF STRUCTURE.
    e. ON UNINTERRUPTED SPANS OF MASONRY VENEER AT MAXIMUM 20'-0" SPACING.
11. SEALANT AND BACKER ROD AT MASONRY VENEER CONTROL JOINTS SHALL BE PROVIDED AND INSTALLED BY THE WATERPROOFING / JOINT SEALANT SUB-CONTRACTOR.
12. WHERE LOOSE LINTELS CROSS CONTROL JOINTS, PROVIDE BOND-BREAK FABRIC WRAP OF LINTEL END AT PORTION OF LINTEL EXTENDING PAST CONTROL JOINT.
13. WHERE MASONRY VENEER MATERIAL CHANGES OCCUR, INCLUDING FROM BRICK TO CMU OR PRECAST CONCRETE, PROVIDE A BOND BREAK SEPARATOR BETWEEN COURSES.
14. ELEVATIONS MAY NOT SHOW ALL BUILDING FEATURES WITH CLARITY, SUCH AS REGLET COUNTER-FLASHINGS AND TERMINATION BARS WHERE ROOF MEMBRANE FLASHINGS TERMINATE ON SIDE WALLS. REFER TO WALL SECTION AND ROOF EDGE DETAILS FOR DETAILS AND INFORMATION RELATED TO THESE CONDITIONS.
15. PAINT ALL EXPOSED LINTELS TO MATCH ADJACENT WALL.

EXTERIOR MATERIALS LEGEND

- BRICK VENEER TYPE 1
- BRICK VENEER TYPE 2
- BRICK VENEER TYPE 3
- METAL PANEL / MCM PANEL
- EV-CMU
- CONCRETE / CAST STONE PRE-CAST CONCRETE
- CORRUGATED METAL PANEL (SIDING AND EQUIPMENT
- LOUVER
- VISION PANEL - OPERABLE

EXTERIOR ELEVATION SYMBOLS LEGEND

- CA — CAMERA; SEE SECURITY DWGS
- SP — SPEAKER; SEE COMMUNICATION DWGS
- CR — CARD READER; SEE TECHNOLOGY DWGS
- A1 — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- D — VIDEO INTERCOM; SEE TECHNOLOGY DWGS
- FIRE ALARM HORN/ STROBE; SEE FIRE ALARM DWGS
- FA — RED FIRE ALARM BEACON; SEE FIRE ALARM DWGS
- SE — AMBER SECURITY BEACON; SEE FIRE ALARM AND TECHNOLOGY DRAWINGS
- SP — SPRINKLER ALARM BEACON AND BELL; SEE FIRE ALARM DWGS
- H — HOSE BIB; SEE PLUMBING DWGS
- PENDANT MOUNT LIGHT FIXTURE, SEE ELEC. DWGS. LOCATE SL4 AT 8'-0" ABOVE LEVEL 1 TO B.O. FIXTURE. LOCATE SL5 AT 14'-0" ABOVE LEVEL 1 TO B.O. FIXTURE.
- WALL SCONCE LIGHT FIXTURE, SEE ELEC. DWGS. LOCATE LEVEL 1 SC1 AT 7'-8" ABOVE LEVEL 1 TO B.O. FIXTURE. LOCATE LEVEL 2 SC-1 AT 4'-0" ABOVE LEVEL 2 TO B.O. FIXTURE
- 5x 3x — EXTENT OF BRICK VENEER PROJECTING BEYOND THE DATUM FACE OF BRICK VENEER PLANE. SEE PROJECT DETAILS AND SPECIAL BRICK SHAPES FOR ASSEMBLIES

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

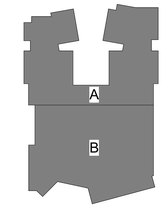
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:

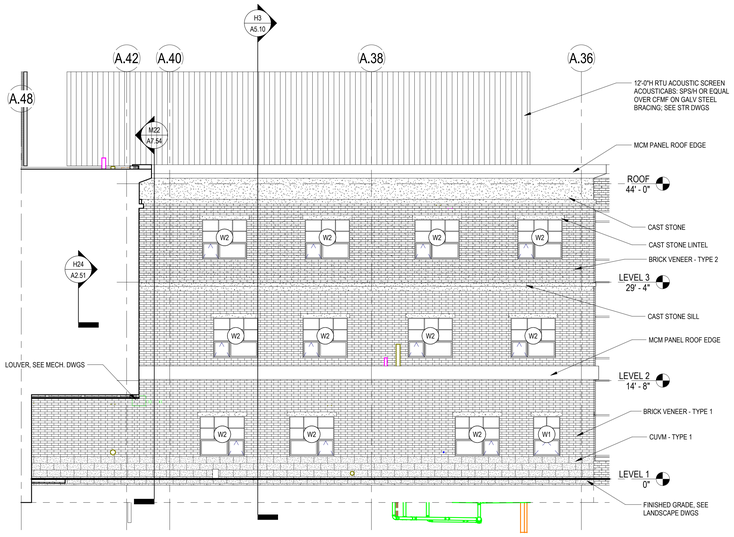
PROJECT NORTH
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

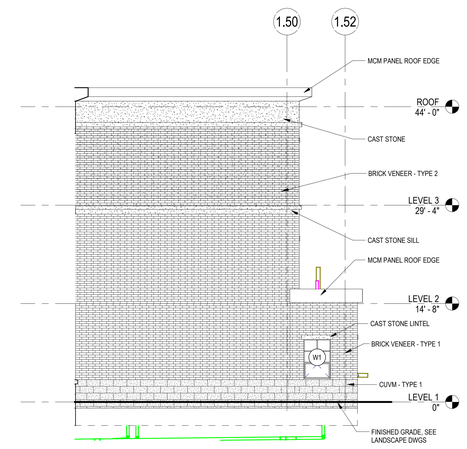
EXTERIOR ELEVATIONS

SHEET NUMBER:

A4.13



5 PARTIAL NORTH ELEVATION 2
1/8" = 1'-0"



9 PARTIAL EAST ELEVATION 3
1/8" = 1'-0"

EXTERIOR MATERIALS LEGEND

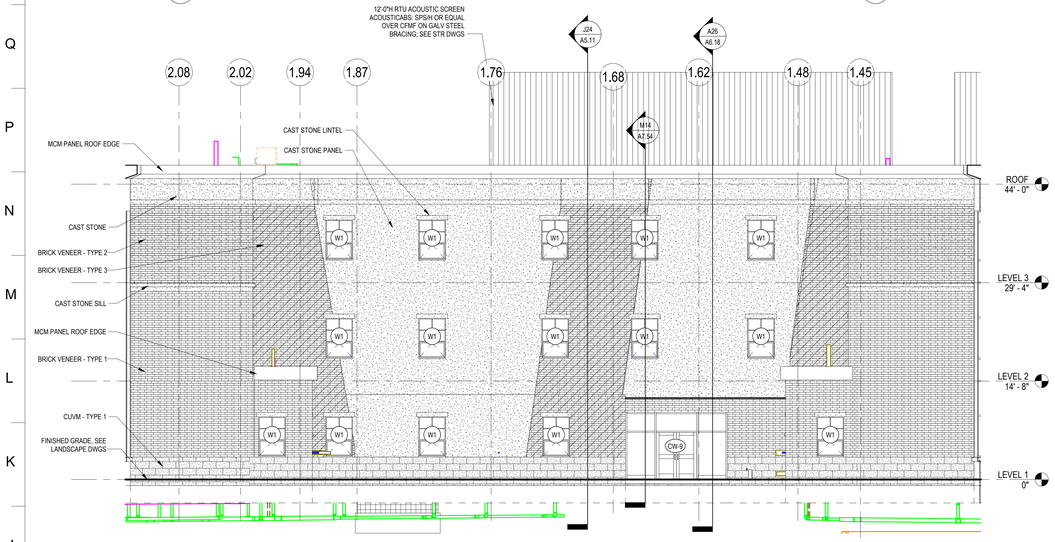
- BRICK VENEER TYPE 1
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- METAL PANEL / MCM PANEL
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- VERTICAL STANDING SEAM METAL PANEL SIDING
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- 3/4" — EXTENT OF BRICK VENEER PROJECTING BEYOND THE DATUM FACE OF BRICK VENEER PLANE. SEE PROJECT DETAILS AND SPECIAL BRICK SHAPES FOR ASSEMBLIES
- HI — FIRE ALARM HORN/ STROBE; SEE FIRE ALARM DWGS
- FA — RED FIRE ALARM BEACON; SEE FIRE ALARM DWGS
- SE — AMBER SECURITY BEACON; SEE FIRE ALARM AND TECHNOLOGY DRAWINGS
- SP — SPRINKLER ALARM BEACON AND BELL; SEE FIRE ALARM DWGS
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EXTERIOR ELEVATION GENERAL NOTES

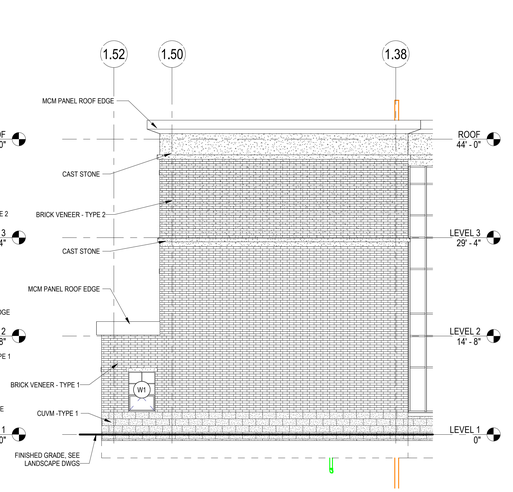
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15. PAINT ALL EXPOSED LINTELS TO MATCH ADJACENT WALL.



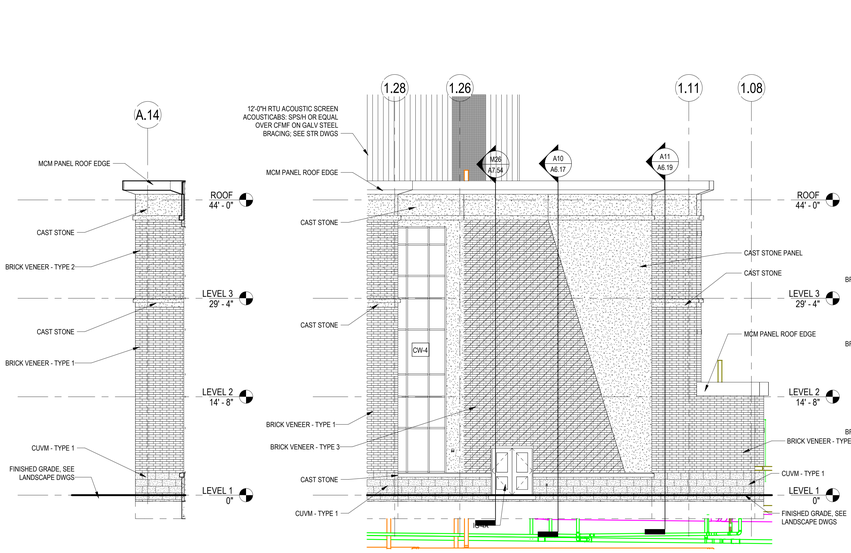
6 PARTIAL WEST ELEVATION 5
1/8" = 1'-0"



4 PARTIAL NORTH ELEVATION 4
1/8" = 1'-0"



3 PARTIAL WEST ELEVATION 2
1/8" = 1'-0"



8 PARTIAL SOUTH ELEVATION 4
1/8" = 1'-0"

2 PARTIAL WEST ELEVATION 1
1/8" = 1'-0"



1 PARTIAL SOUTH ELEVATION 1
1/8" = 1'-0"

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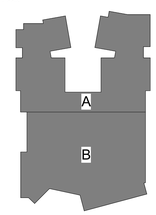
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KEY PLAN



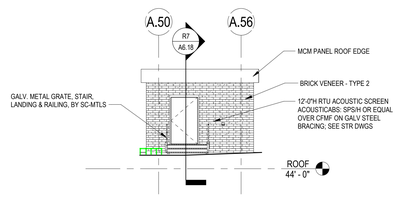
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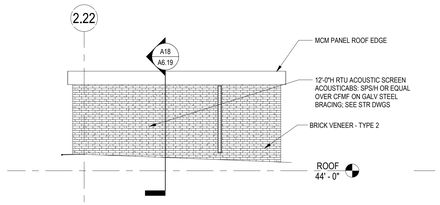
PROJECT NORTH

SHEET TITLE:
EXTERIOR ELEVATIONS

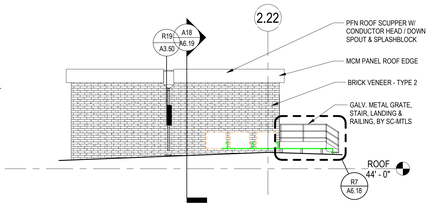
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A4.14



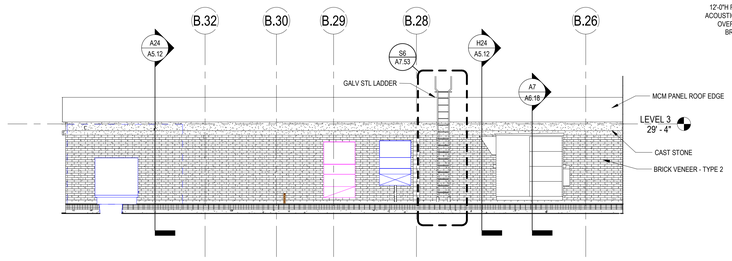
13 PARTIAL SOUTH ELEVATION STAIR 4 ROOF ACCESS
1/8" = 1'-0"



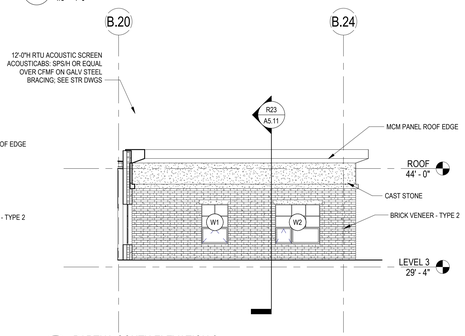
12 PARTIAL EAST ELEVATION STAIR 4 ROOF ACCESS
1/8" = 1'-0"



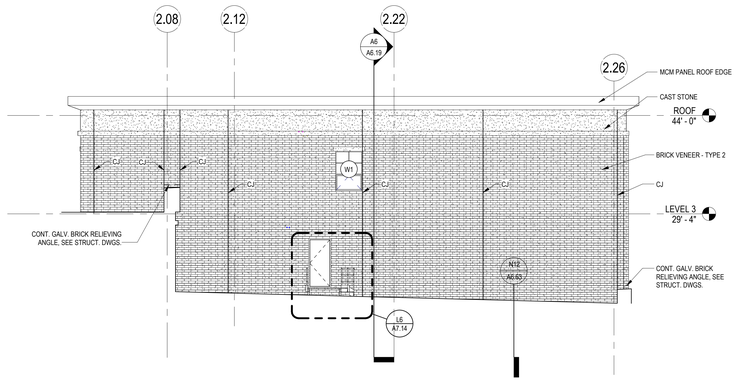
11 PARTIAL WEST ELEVATION STAIR 4 ROOF ACCESS
1/8" = 1'-0"



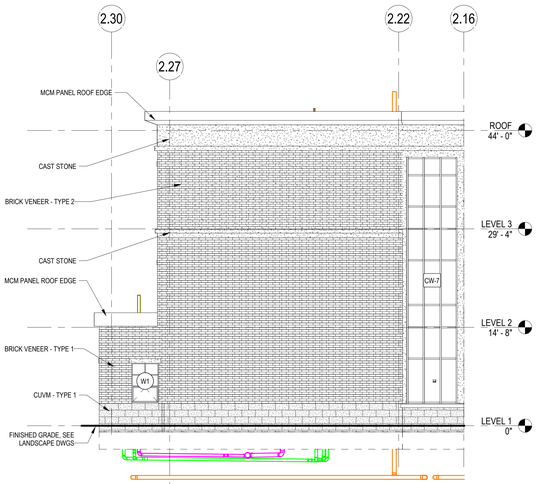
7 PARTIAL SOUTH ELEVATION OVER KITCHEN
1/8" = 1'-0"



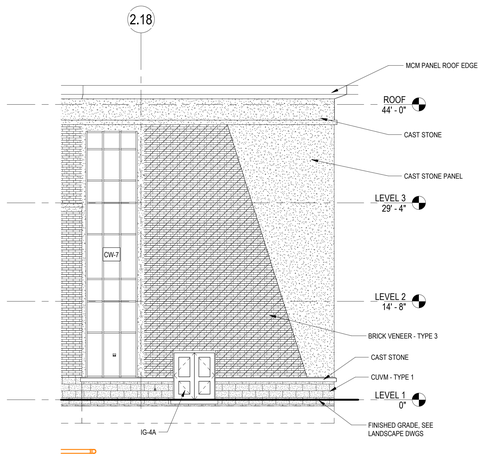
10 PARTIAL SOUTH ELEVATION 6
1/8" = 1'-0"



6 PARTIAL EAST ELEVATION OVER KITCHEN
1/8" = 1'-0"



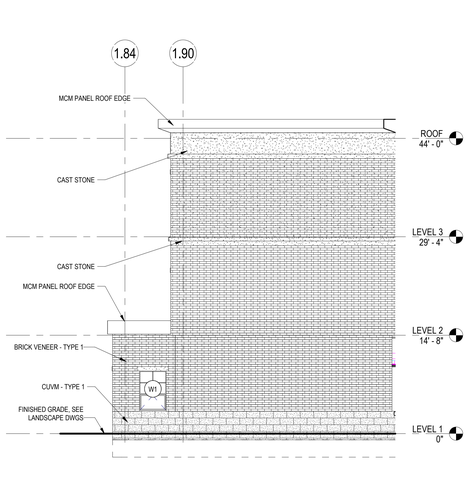
5 PARTIAL WEST ELEVATION 4
1/8" = 1'-0"



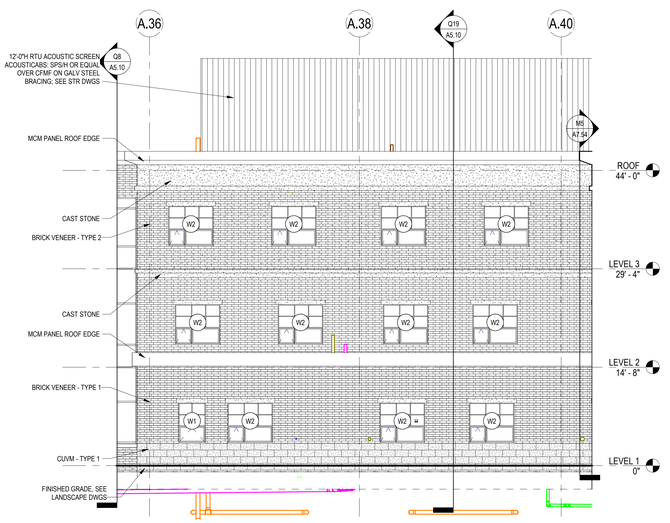
4 PARTIAL WEST ELEVATION 3
1/8" = 1'-0"



3 PARTIAL SOUTH ELEVATION 5
1/8" = 1'-0"



2 PARTIAL EAST ELEVATION 9
1/8" = 1'-0"



1 PARTIAL SOUTH ELEVATION 2
1/8" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

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11. SEALANT AND BACKER ROD AT MASONRY VENEER CONTROL JOINTS SHALL BE PROVIDED AND INSTALLED BY THE WATERPROOFING / JOINT SEALANT SUB-CONTRACTOR.
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- BRICK VENEER TYPE 2
- BRICK VENEER TYPE 3
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- EV-CMU
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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

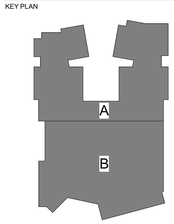
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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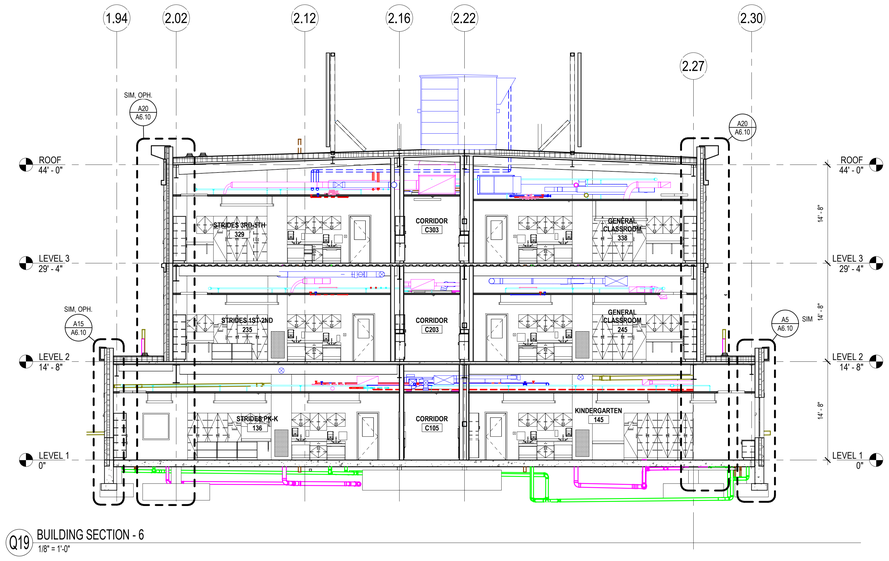


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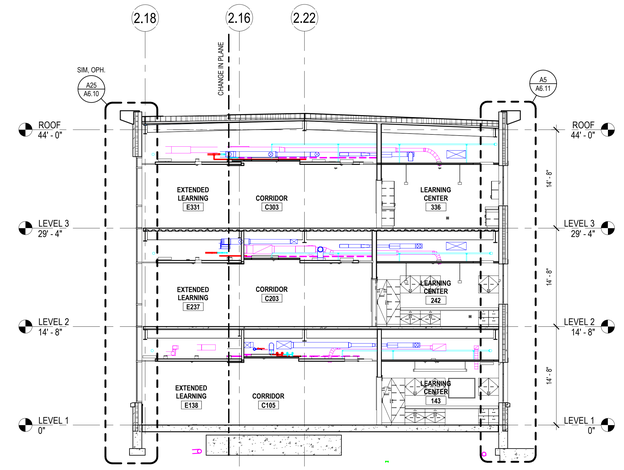
N
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0"
GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:
EXTERIOR ELEVATIONS

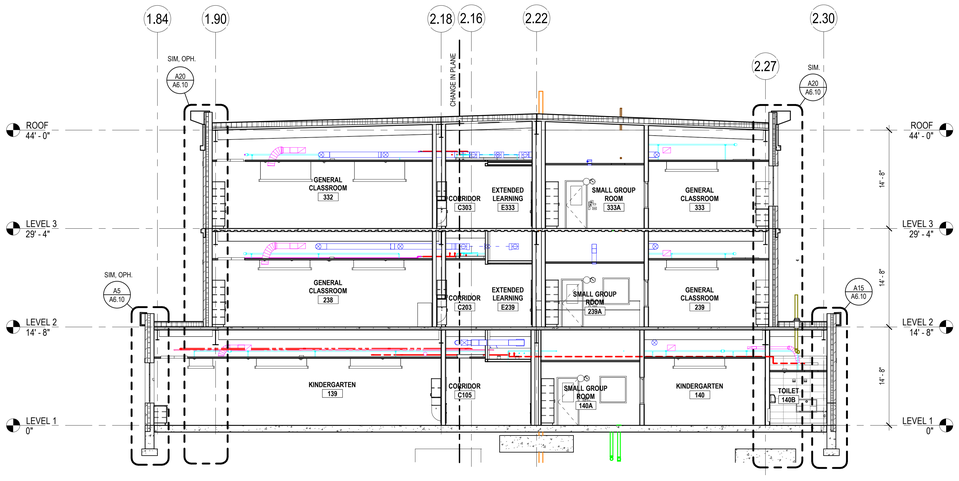
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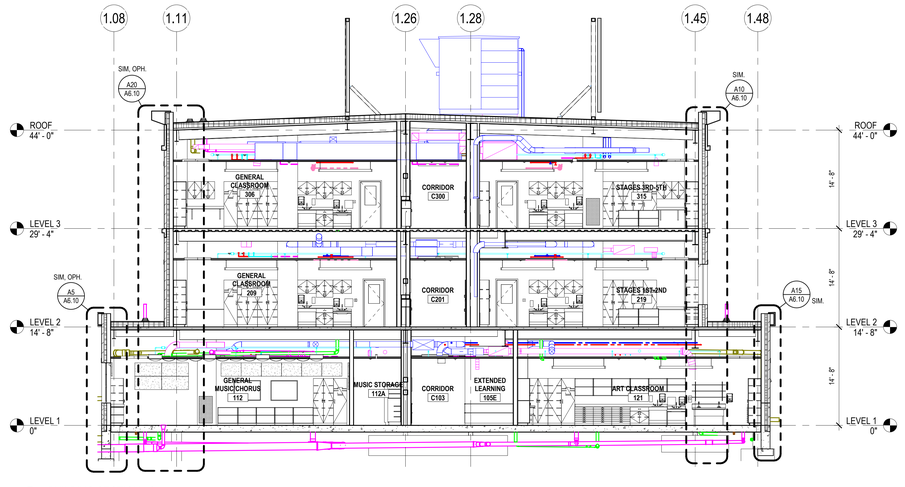
Q19 BUILDING SECTION - 6
1/8" = 1'-0"



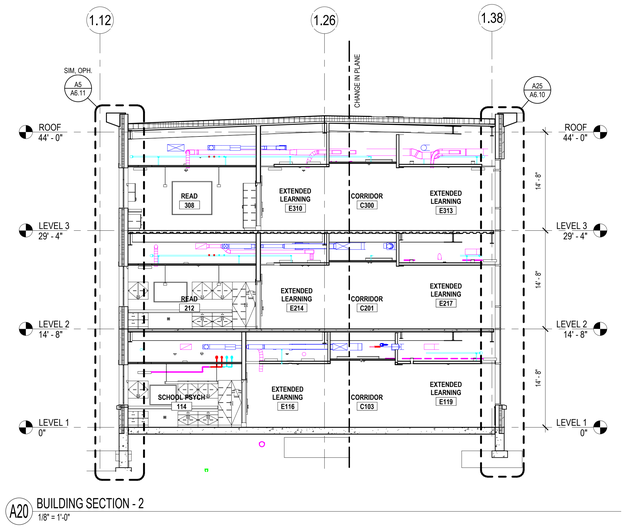
Q8 BUILDING SECTION - 5
1/8" = 1'-0"



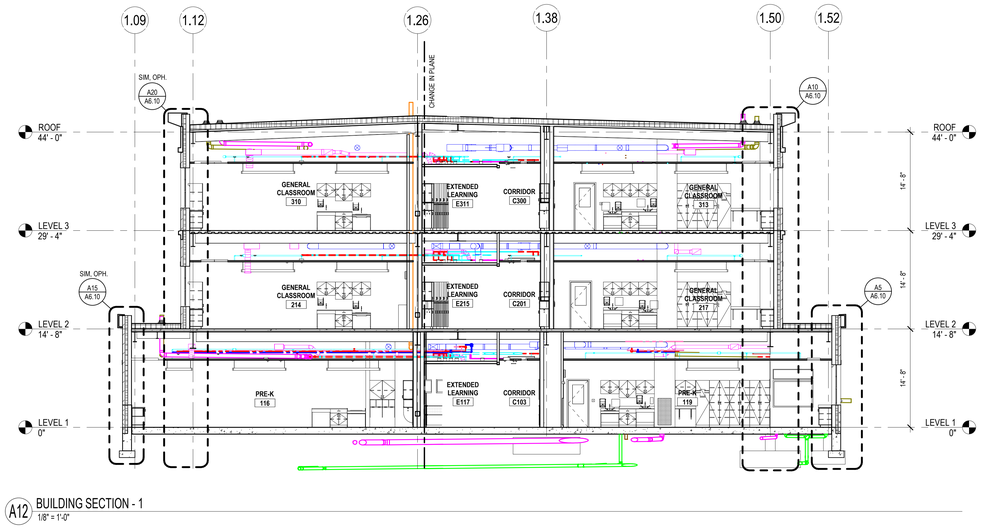
H24 BUILDING SECTION - 4
1/8" = 1'-0"



H3 BUILDING SECTION - 3
1/8" = 1'-0"



A20 BUILDING SECTION - 2
1/8" = 1'-0"



A12 BUILDING SECTION - 1
1/8" = 1'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

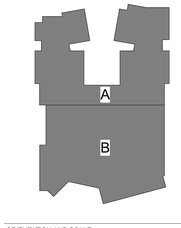
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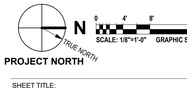
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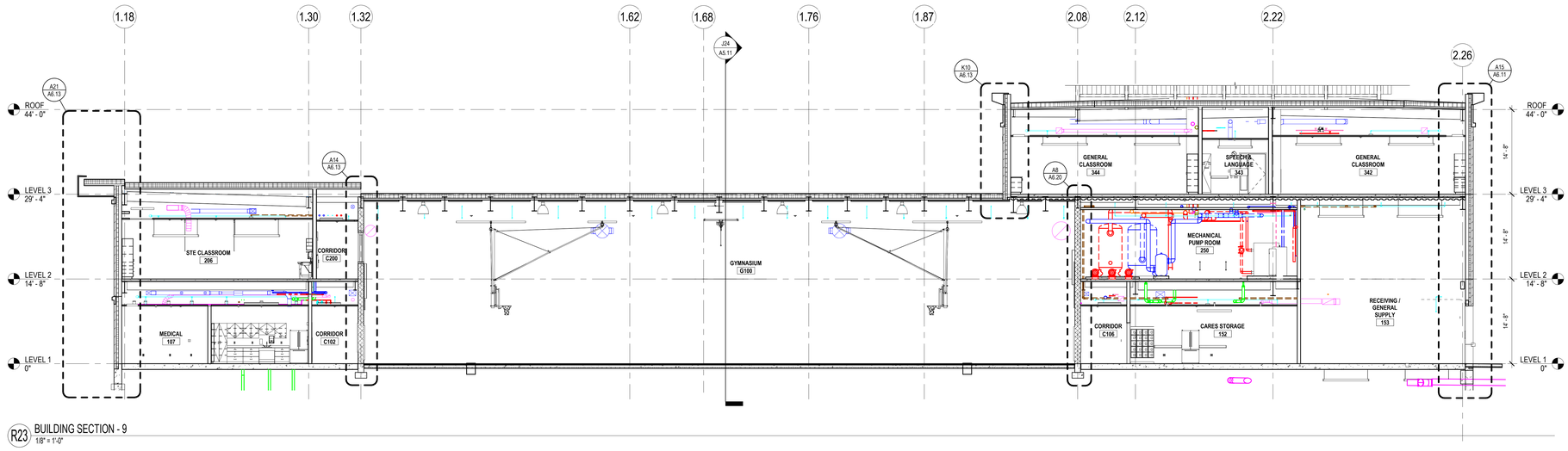
PROJECT NORTH

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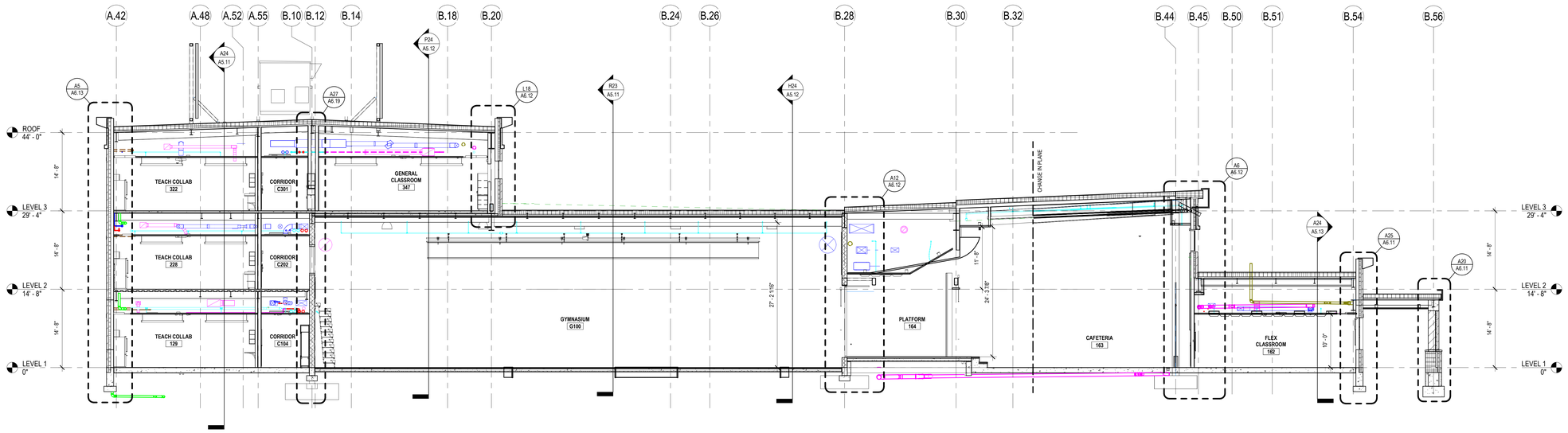
BUILDING SECTIONS

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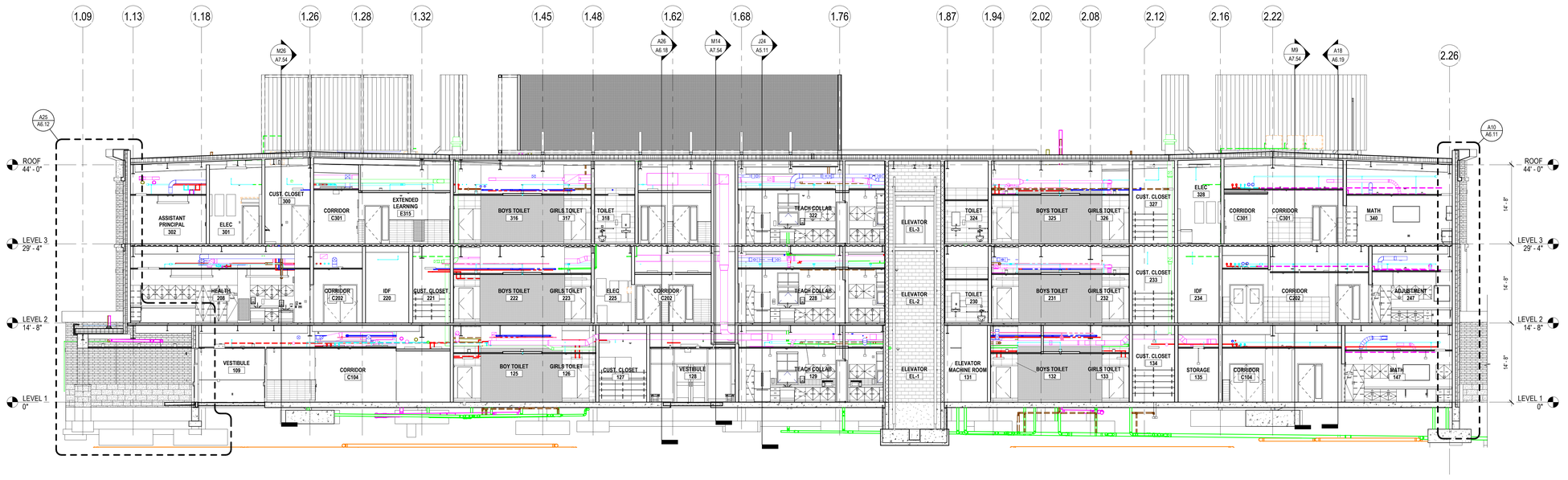
A5.10



R23 BUILDING SECTION - 9
1/8" = 1'-0"



J24 BUILDING SECTION - 8
1/8" = 1'-0"



A24 BUILDING SECTION - 7
1/8" = 1'-0"

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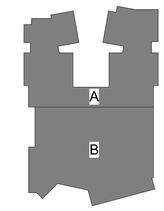
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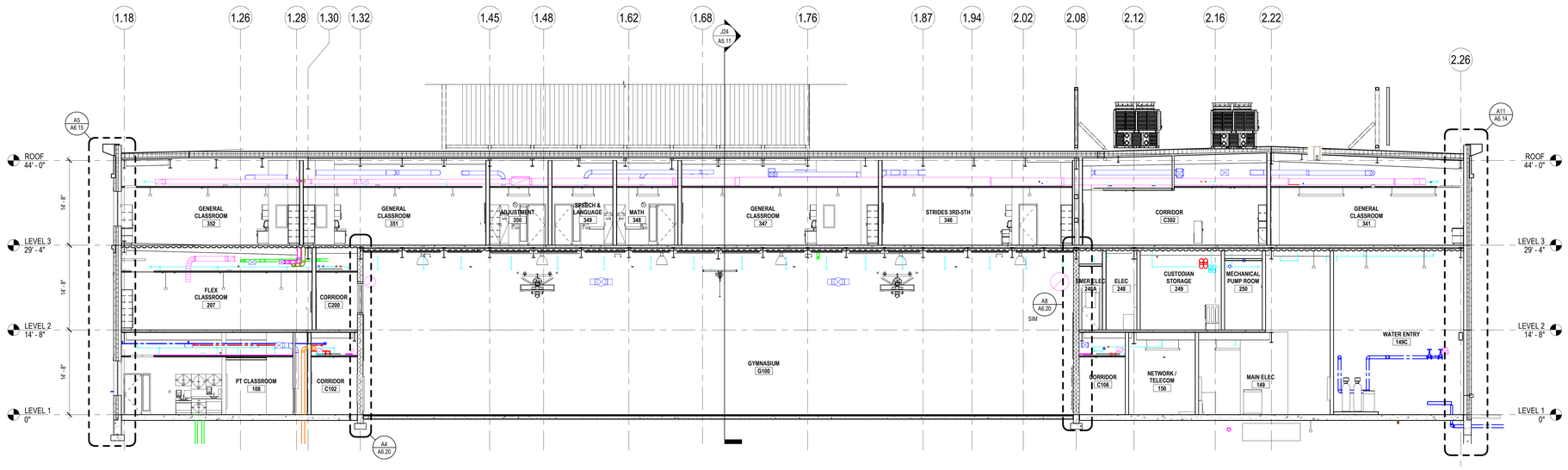
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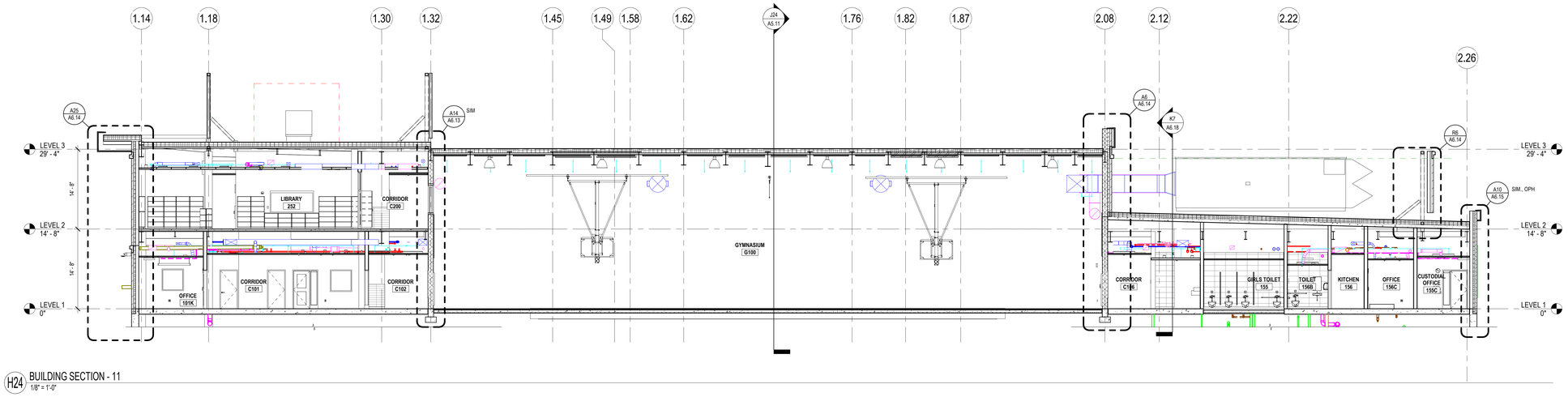
PROJECT NORTH

SHEET TITLE:
BUILDING SECTIONS

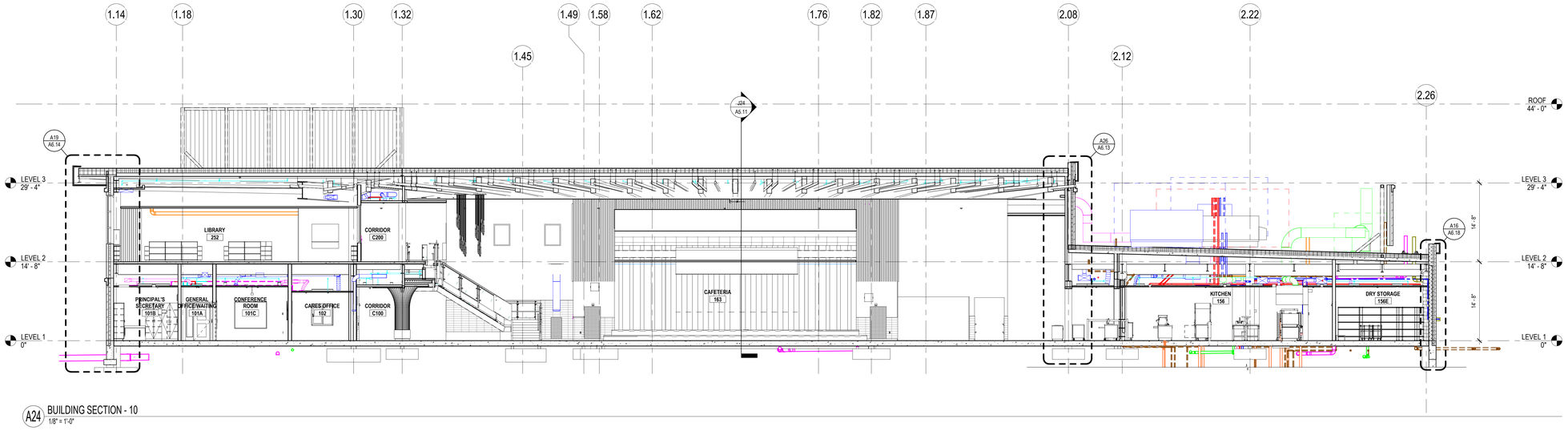
SHEET NUMBER:
A5.11



P24 BUILDING SECTION - 12
1/8" = 1'-0"



H24 BUILDING SECTION - 11
1/8" = 1'-0"



A24 BUILDING SECTION - 10
1/8" = 1'-0"

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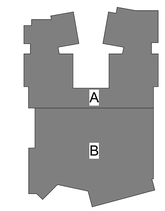
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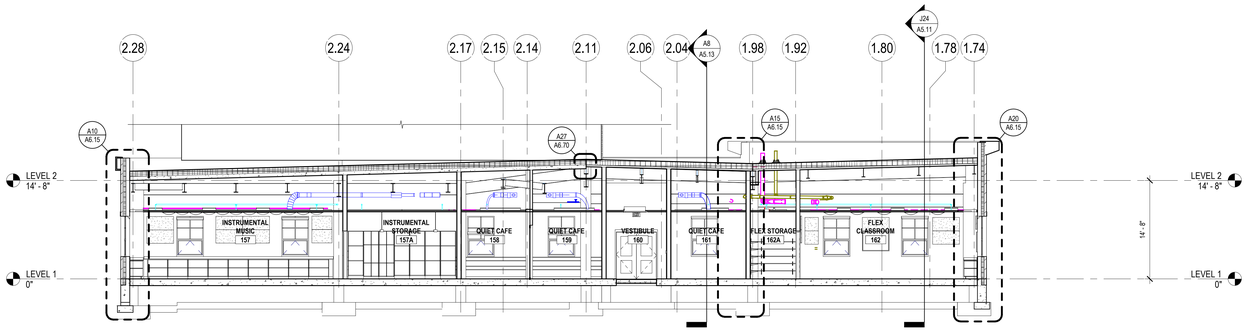
ORIENTATION AND SCALE:

N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

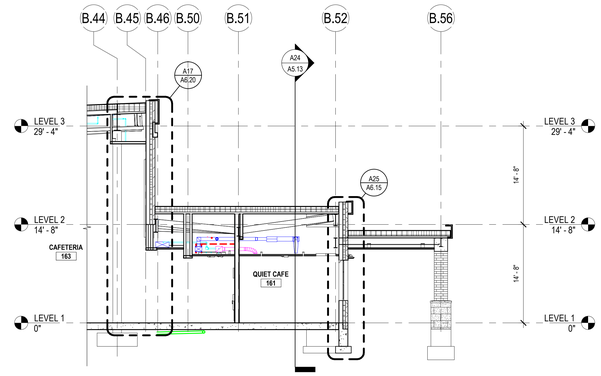
PROJECT NORTH

SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:
A5.12



A24 BUILDING SECTION - 14
1/8" = 1'-0"



A8 BUILDING SECTION - 13
1/8" = 1'-0"

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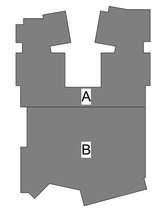
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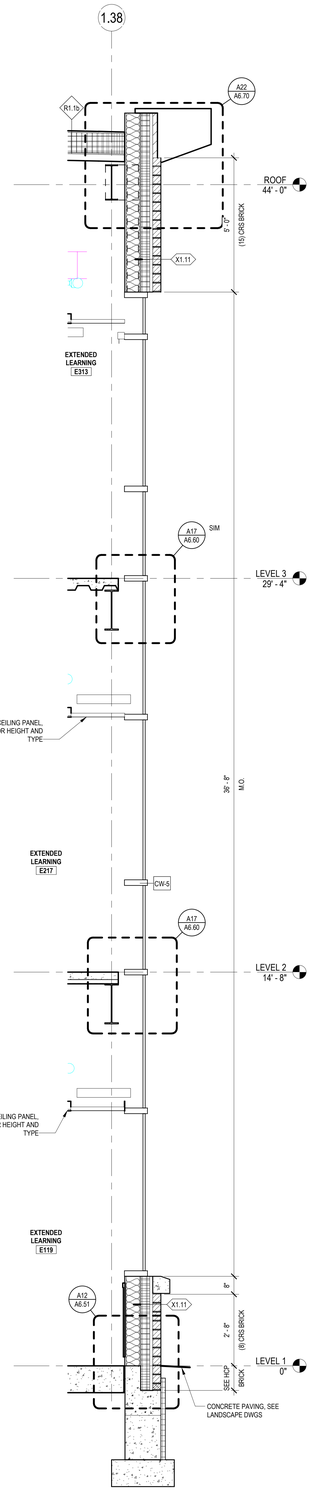
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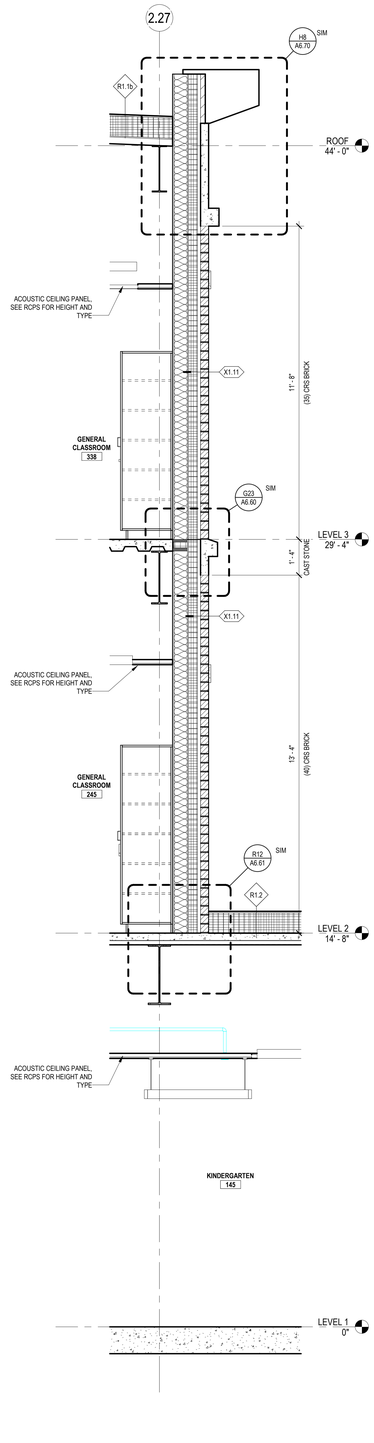
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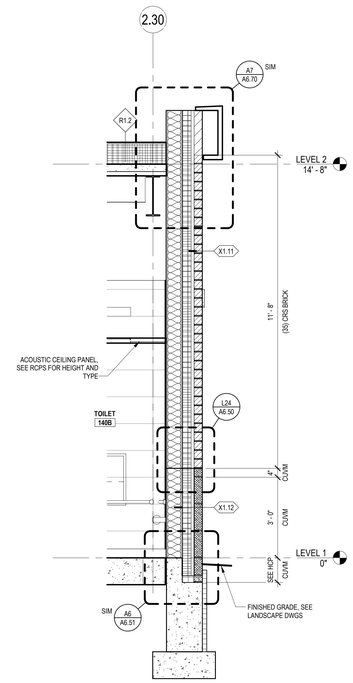
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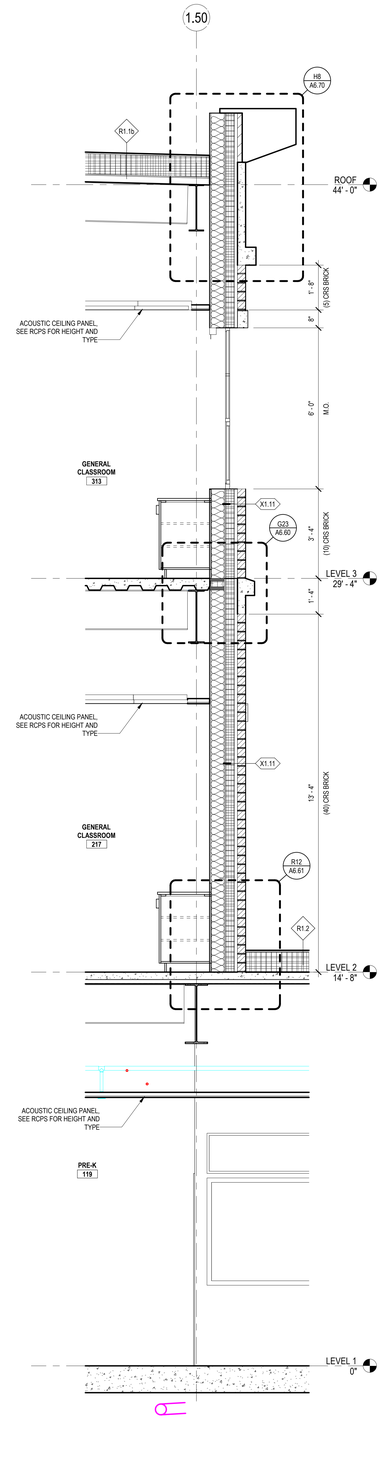
A25 WALL SECTION - 5
1/2" = 1'-0"



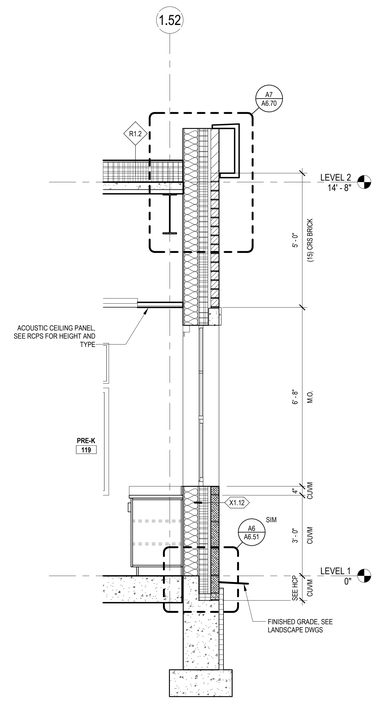
A20 WALL SECTION - 4
1/2" = 1'-0"



A15 WALL SECTION - 3
1/2" = 1'-0"



A10 WALL SECTION - 2
1/2" = 1'-0"



A5 WALL SECTION - 1
1/2" = 1'-0"

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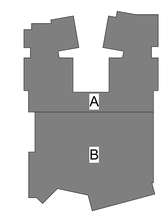
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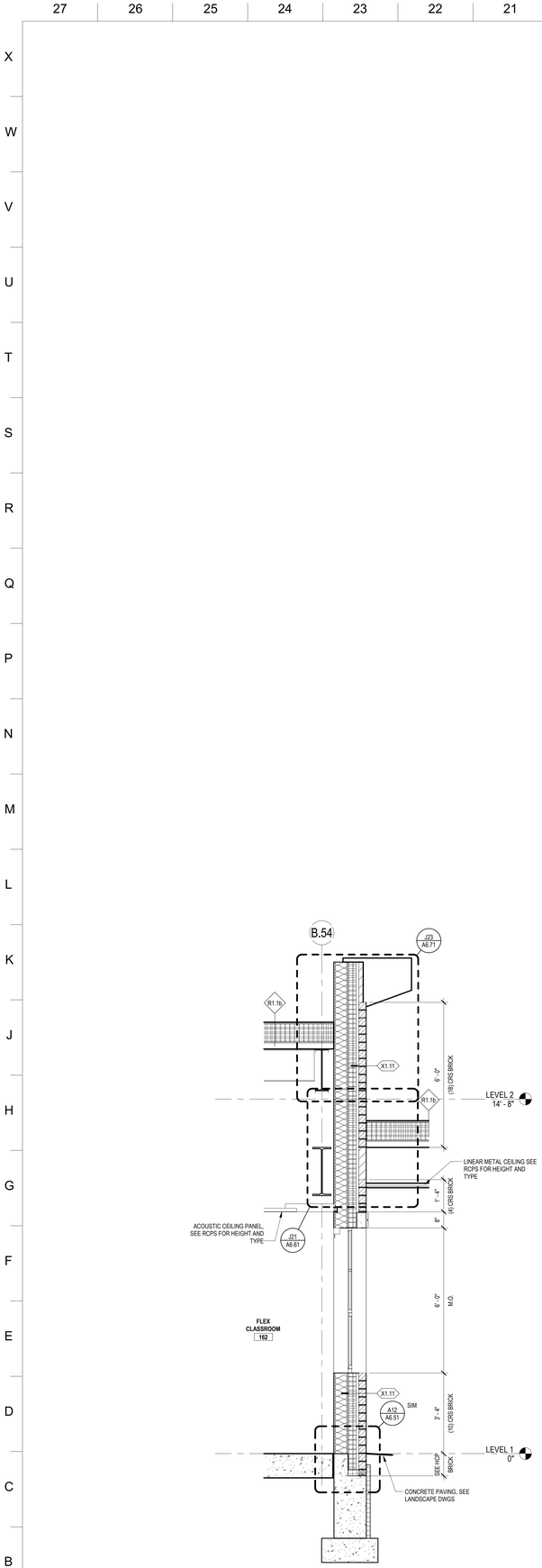
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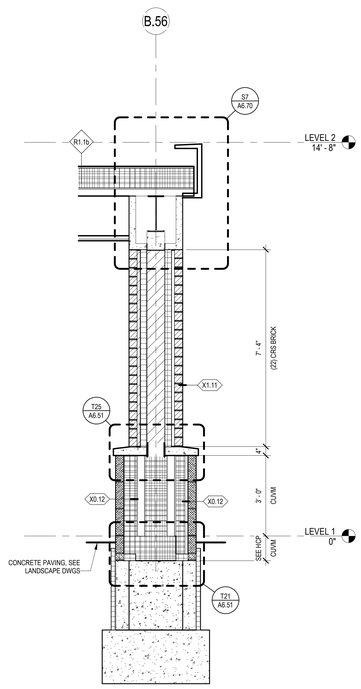
PROJECT NORTH

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WALL SECTIONS

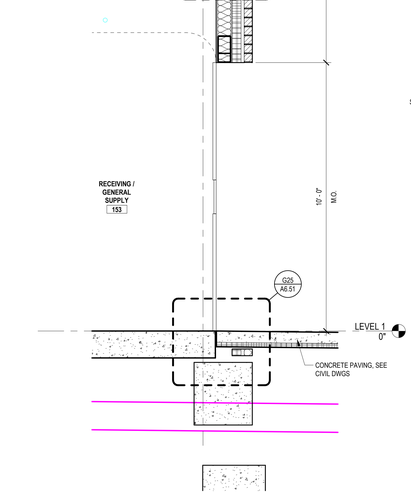
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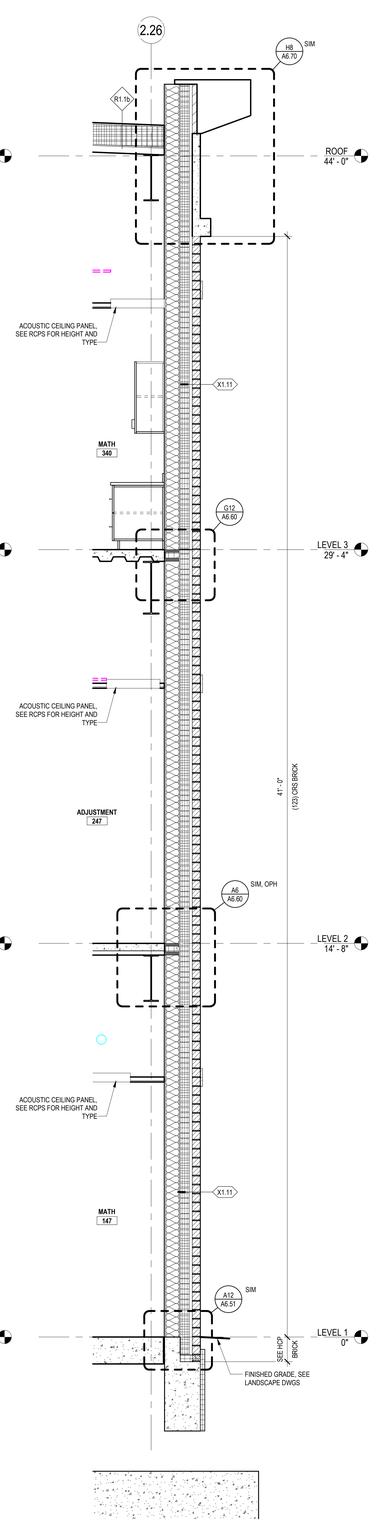
A25 WALL SECTION - 10
1/2" = 1'-0"



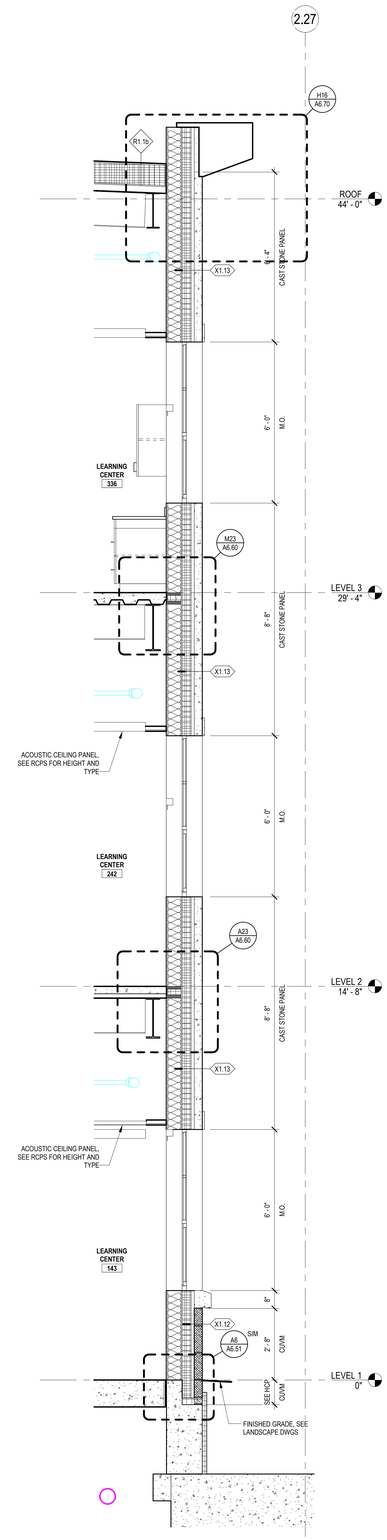
A20 WALL SECTION - 9
1/2" = 1'-0"



A15 WALL SECTION - 8
1/2" = 1'-0"



A10 WALL SECTION - 7
1/2" = 1'-0"



A5 WALL SECTION - 6
1/2" = 1'-0"

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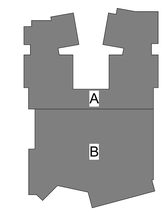
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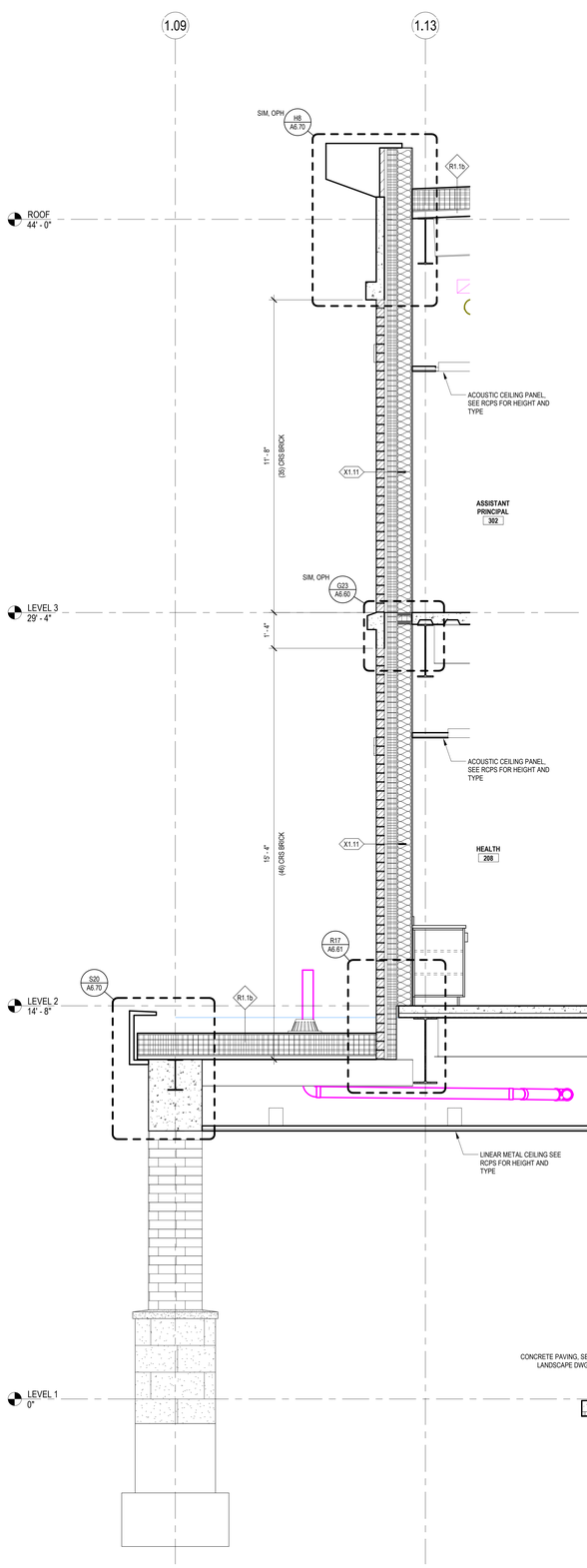
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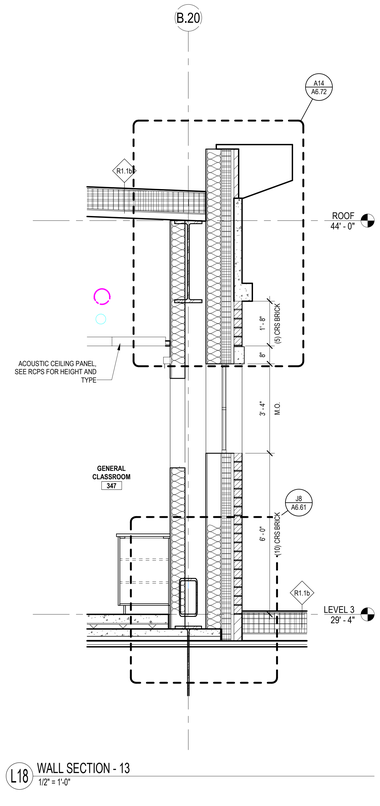
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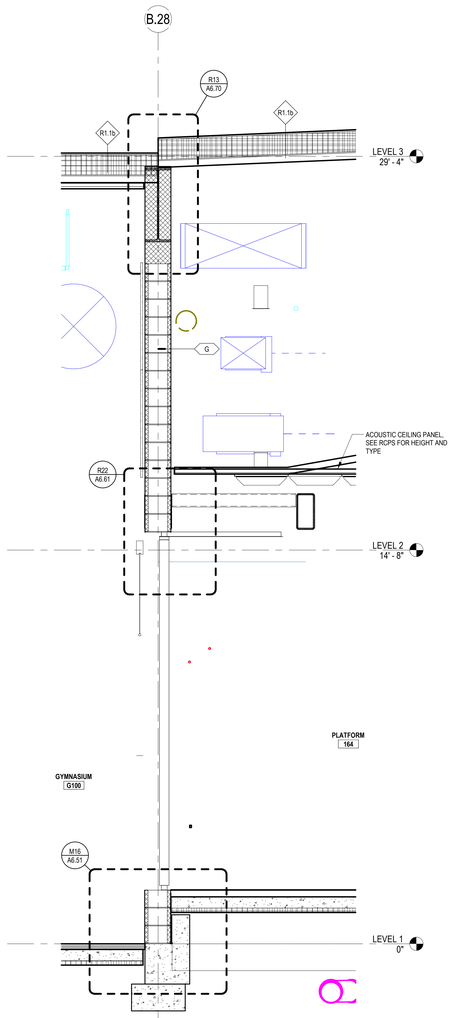
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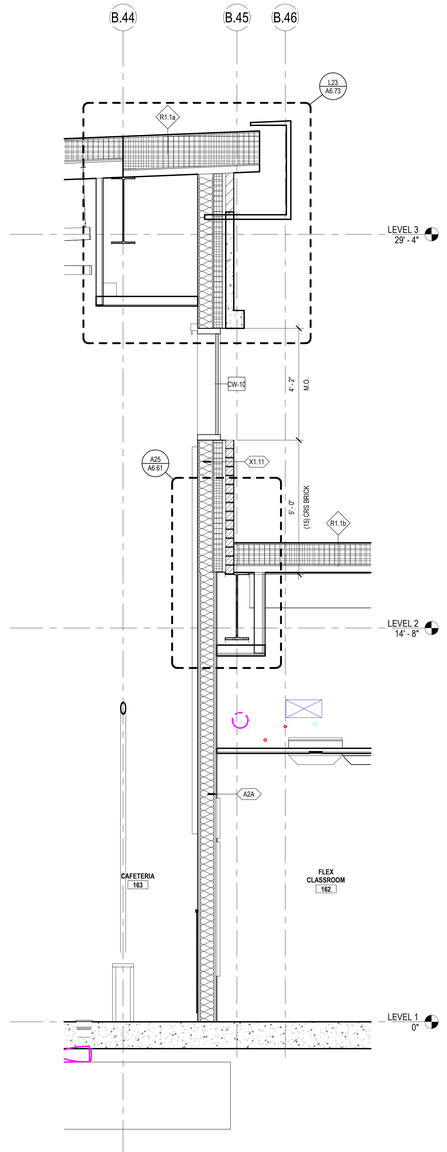
A25 WALL SECTION - 14
1/2" = 1'-0"



L18 WALL SECTION - 13
1/2" = 1'-0"



A12 WALL SECTION - 12
1/2" = 1'-0"



A6 WALL SECTION - 11
1/2" = 1'-0"

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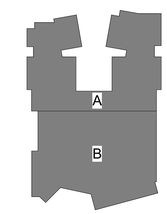
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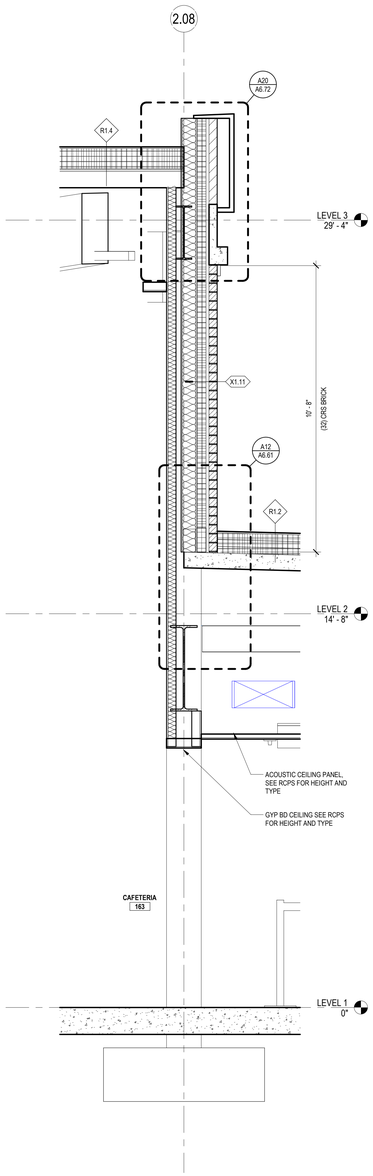
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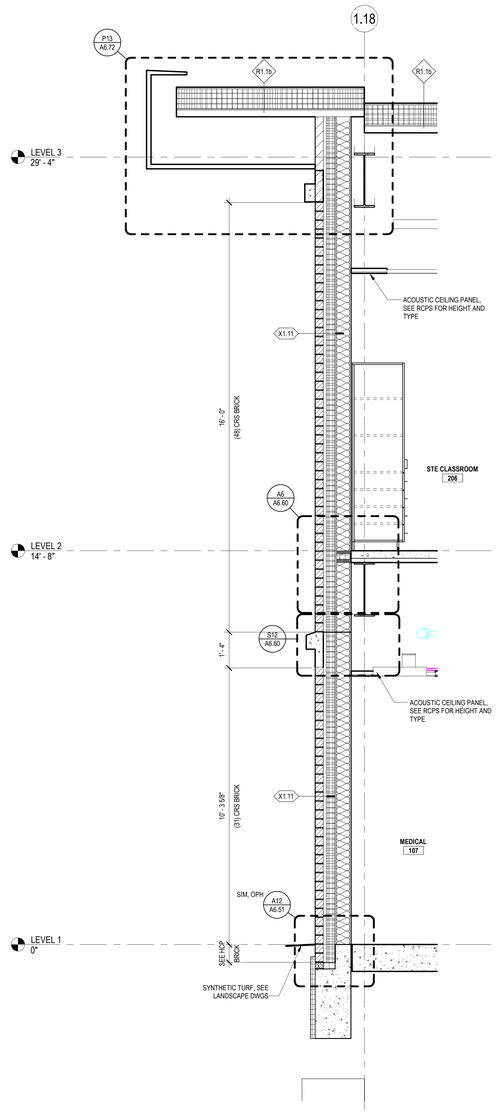
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SHEET TITLE:
WALL SECTIONS

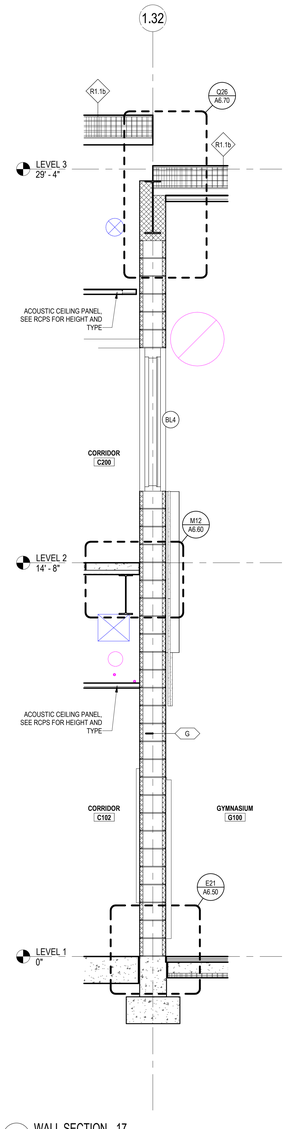
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A6.12



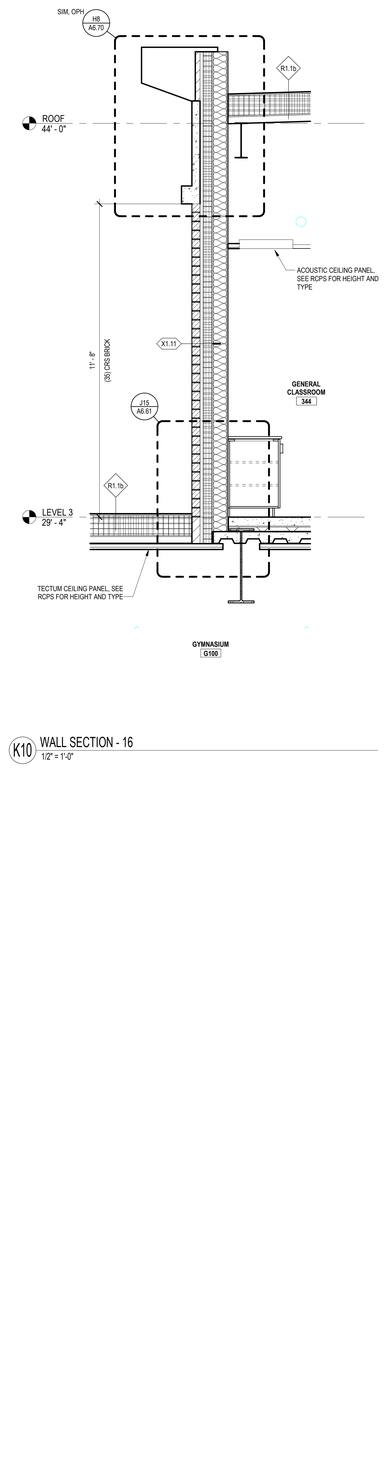
A26 WALL SECTION - 19
1/2" = 1'-0"



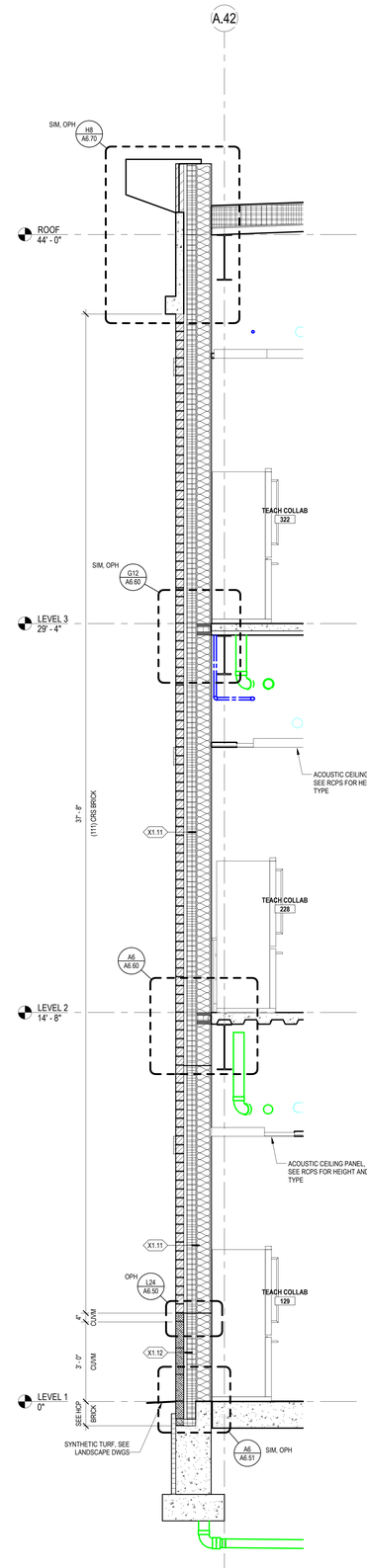
A21 WALL SECTION - 18
1/2" = 1'-0"



A14 WALL SECTION - 17
1/2" = 1'-0"



K10 WALL SECTION - 16
1/2" = 1'-0"



A5 WALL SECTION - 15
1/2" = 1'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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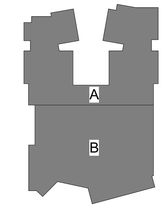
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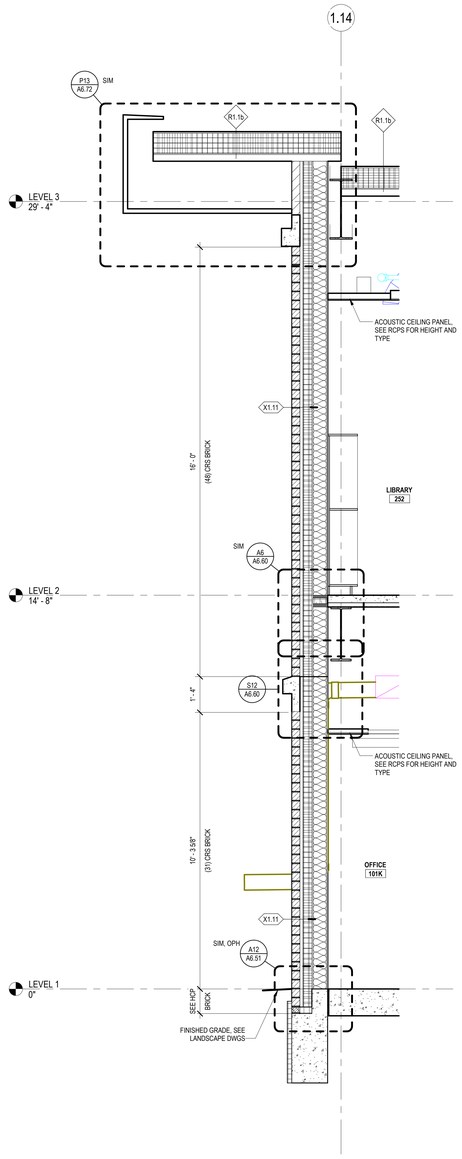
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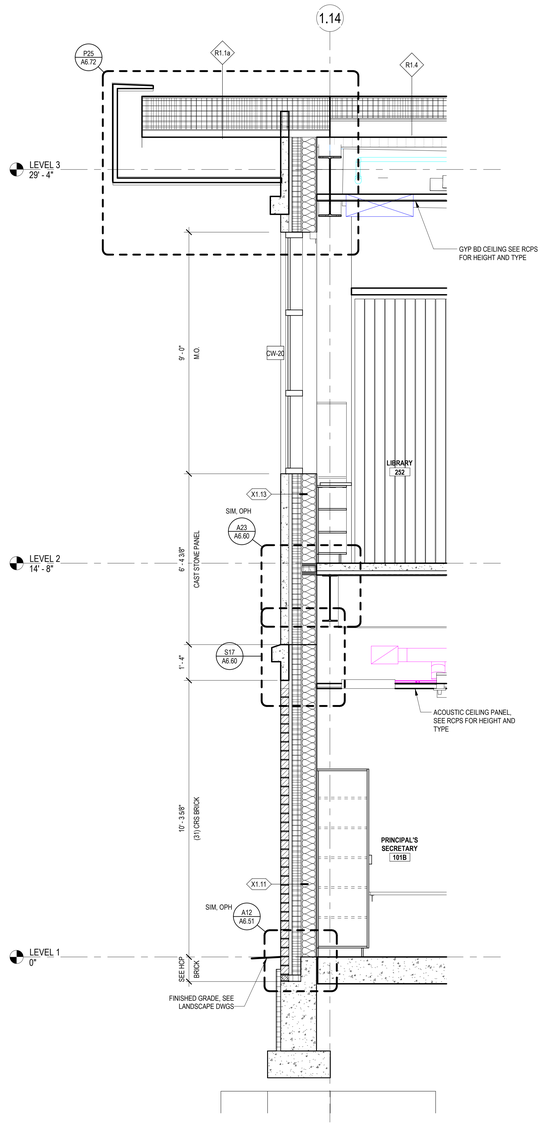
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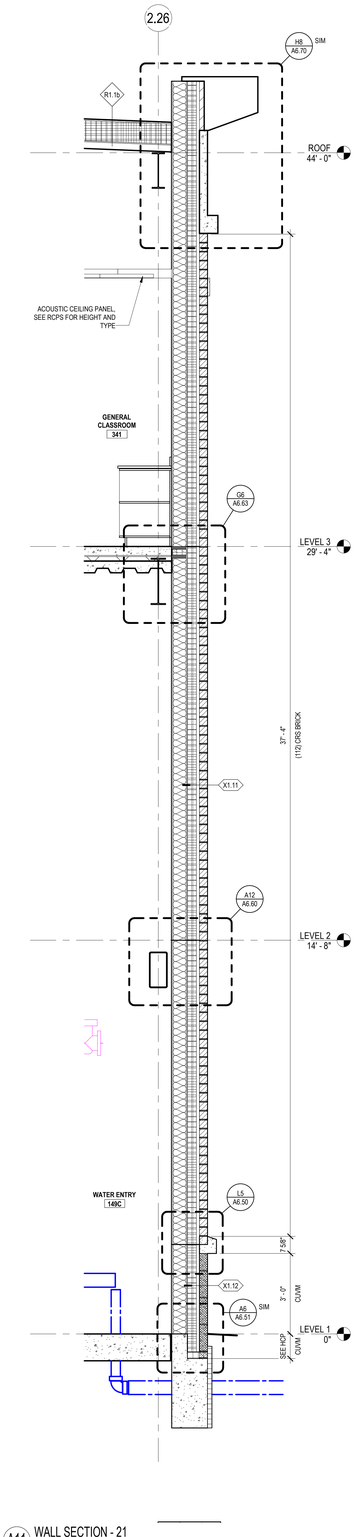
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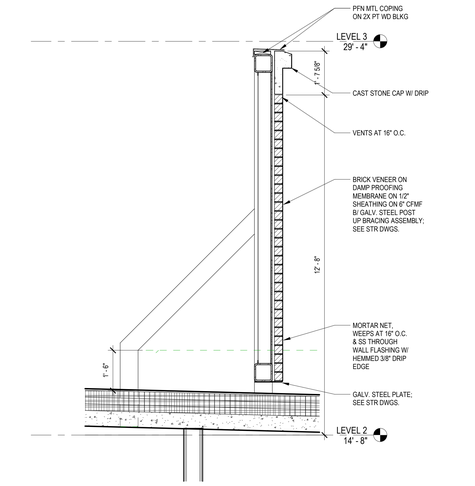
A25 WALL SECTION - 23
1/2" = 1'-0"



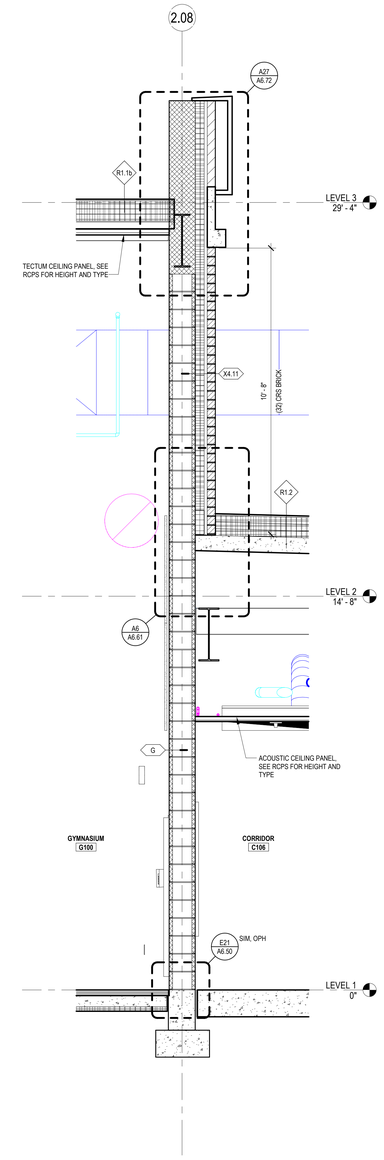
A19 WALL SECTION - 22
1/2" = 1'-0"



A11 WALL SECTION - 21
1/2" = 1'-0"



R6 WALL SECTION - BRICK ROOF SCREEN
1/2" = 1'-0"



A6 WALL SECTION - 20
1/2" = 1'-0"

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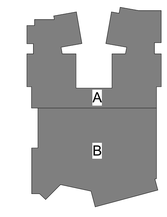
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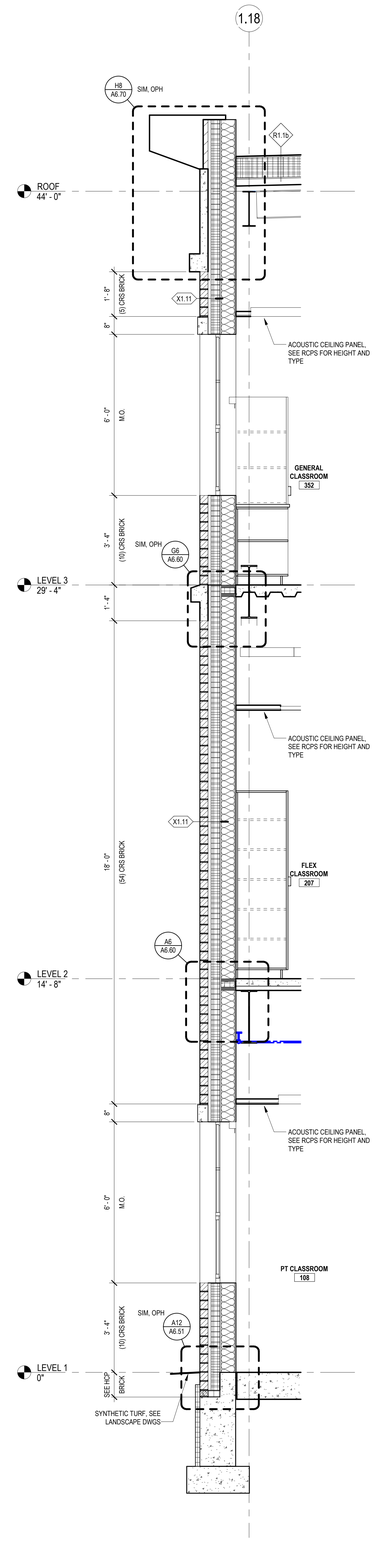
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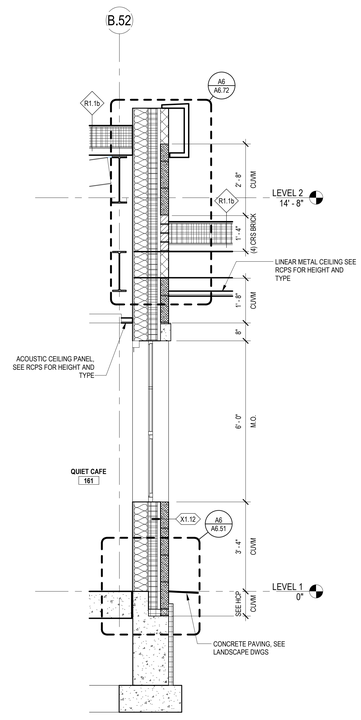


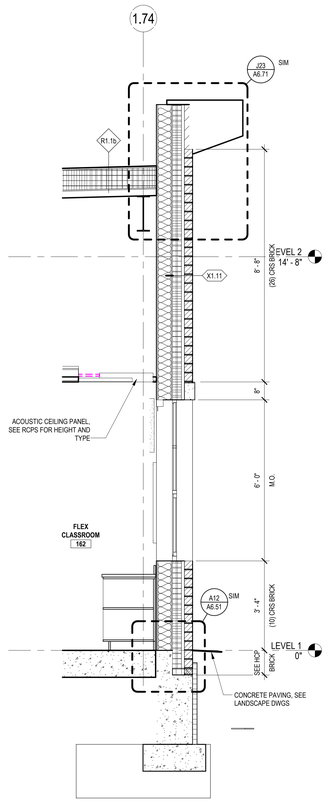
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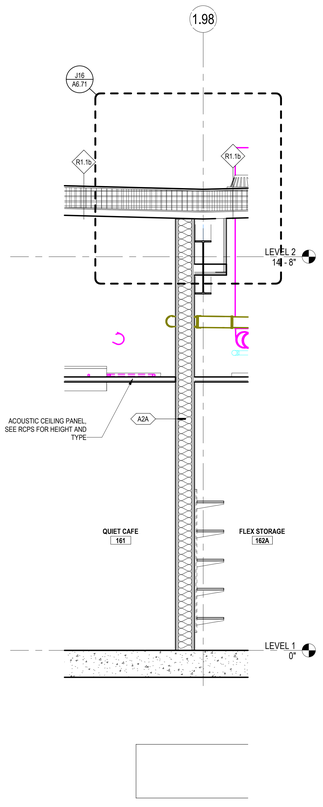
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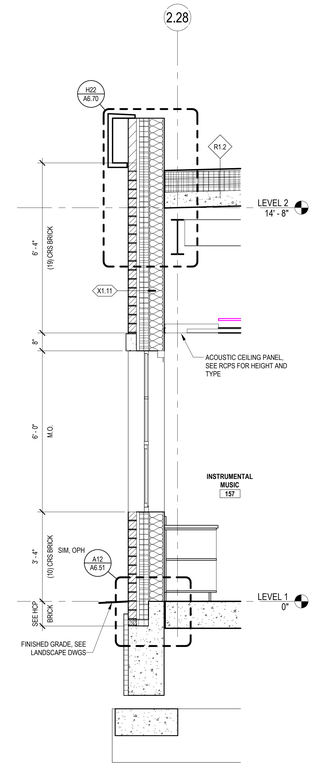
SHEET NUMBER:
A6.14











A25 WALL SECTION - 28
1/2" = 1'-0"

A20 WALL SECTION - 27
1/2" = 1'-0"

A15 WALL SECTION - 26
1/2" = 1'-0"

A10 WALL SECTION - 25
1/2" = 1'-0"

A5 WALL SECTION - 24
1/2" = 1'-0"

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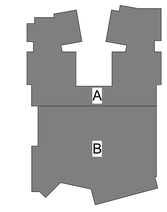
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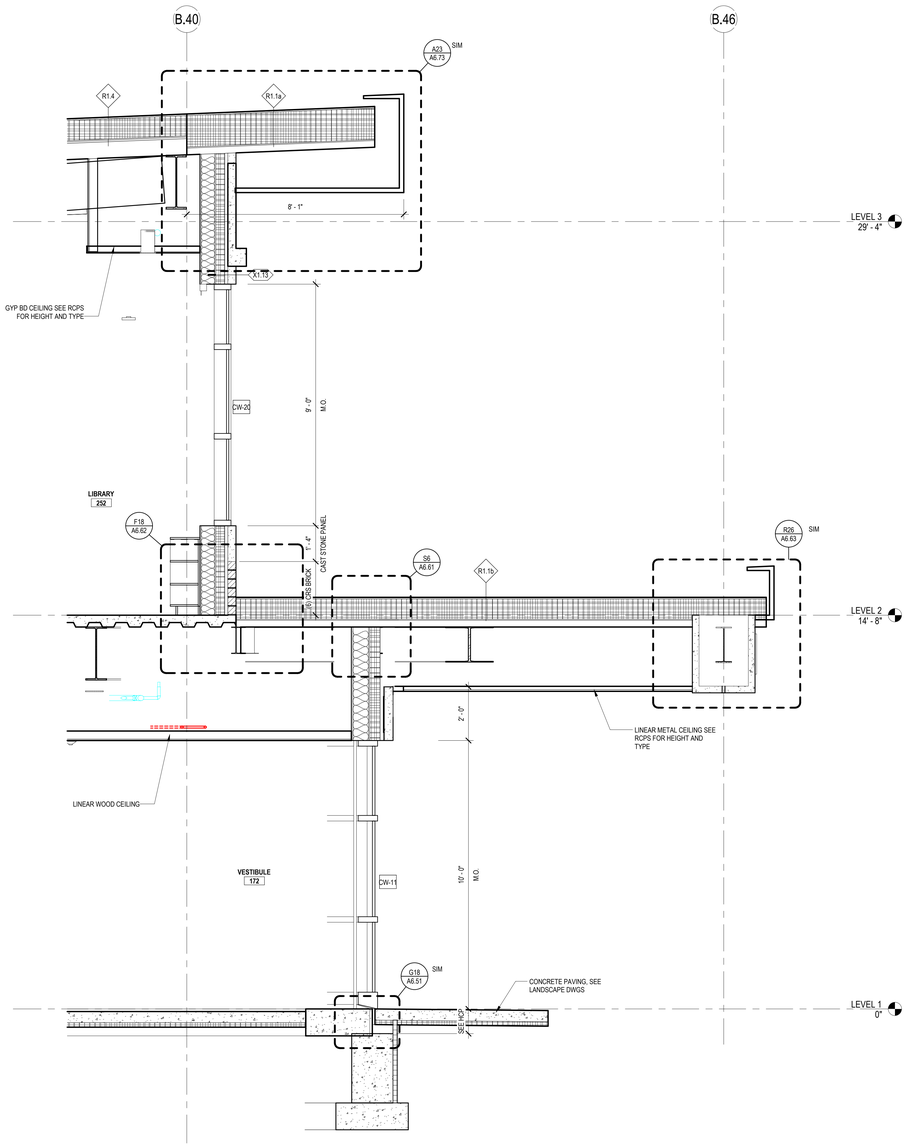
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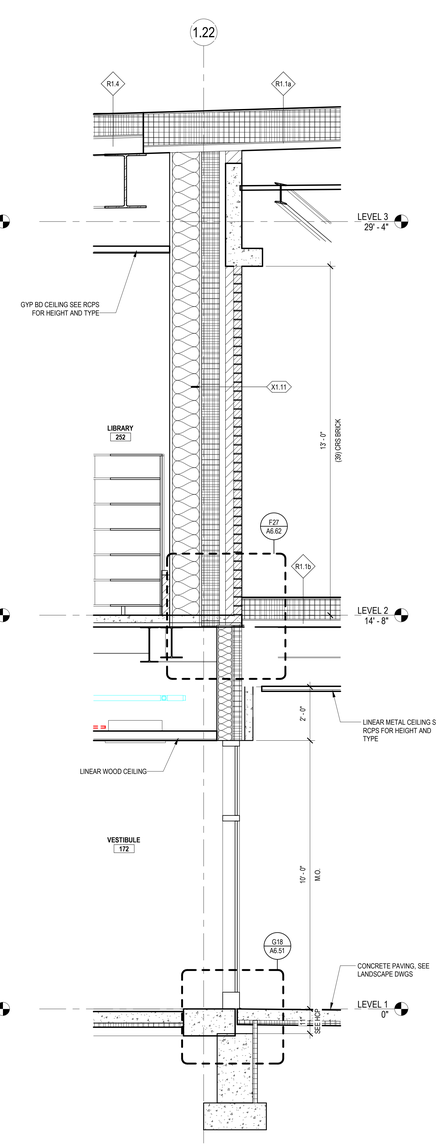


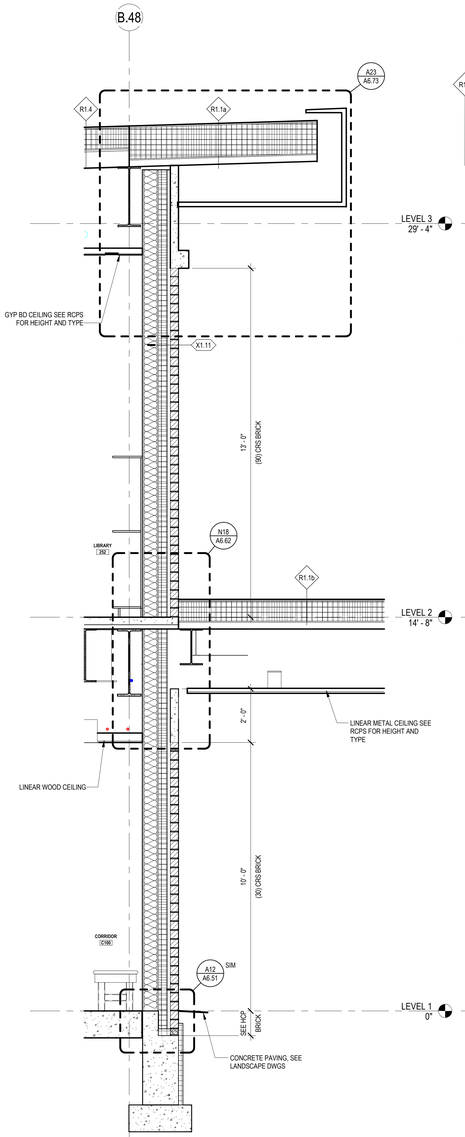
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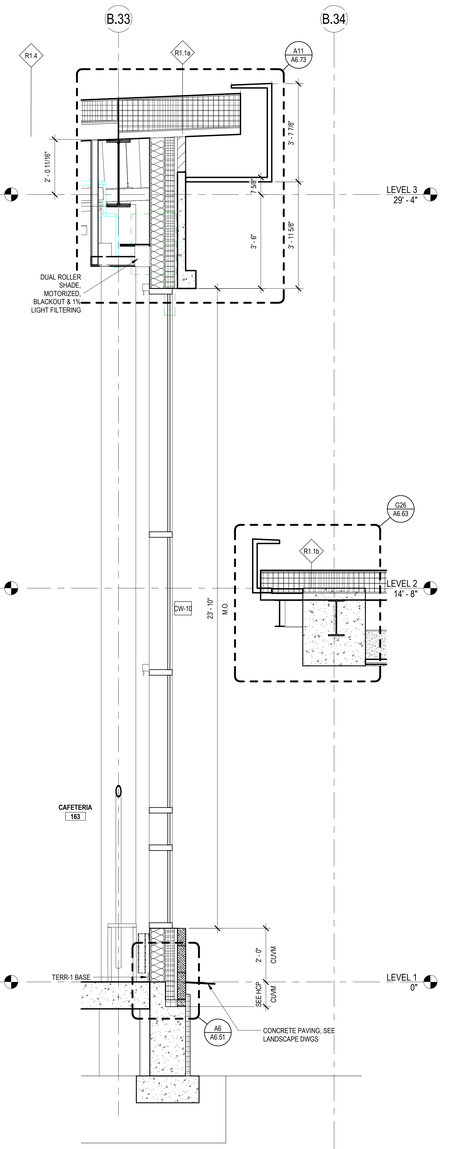
SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:
A6.15









A26 WALL SECTION - 32
1/2" = 1'-0"

A16 WALL SECTION - 31
1/2" = 1'-0"

A11 WALL SECTION - 30
1/2" = 1'-0"

A5 WALL SECTION - 29
1/2" = 1'-0"

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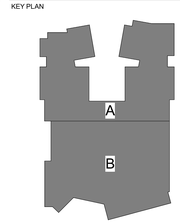
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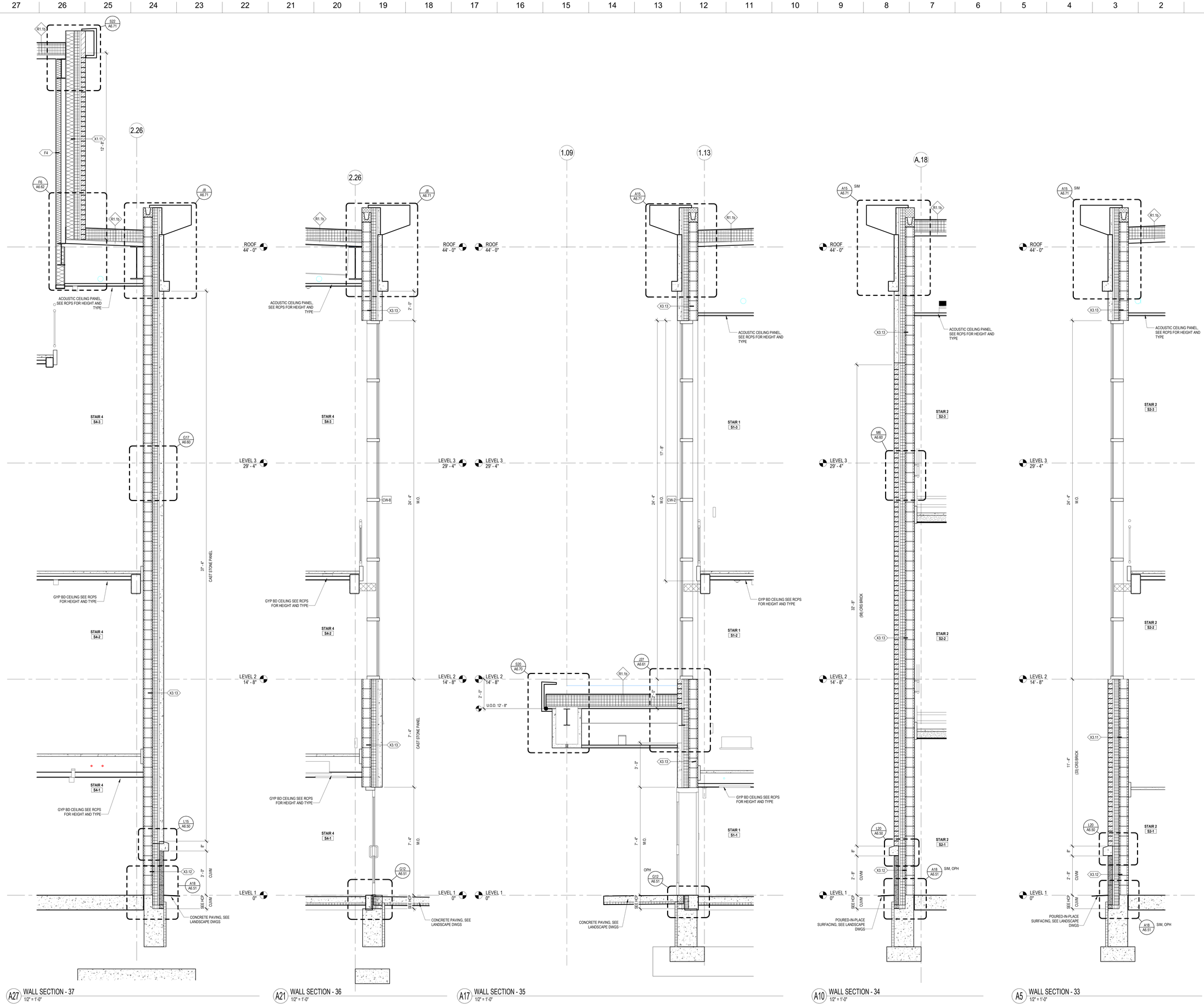


ORIENTATION AND SCALE:

N TRUE NORTH
PROJECT NORTH
0 1' 2' 4'
SCALE: 1/2"=1'-0" GRAPHIC SCALE

SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:
A6.16



A27 WALL SECTION - 37
1/2" = 1'-0"

A21 WALL SECTION - 36
1/2" = 1'-0"

A17 WALL SECTION - 35
1/2" = 1'-0"

A10 WALL SECTION - 34
1/2" = 1'-0"

A5 WALL SECTION - 33
1/2" = 1'-0"

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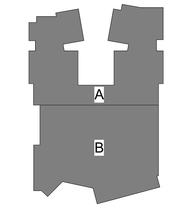
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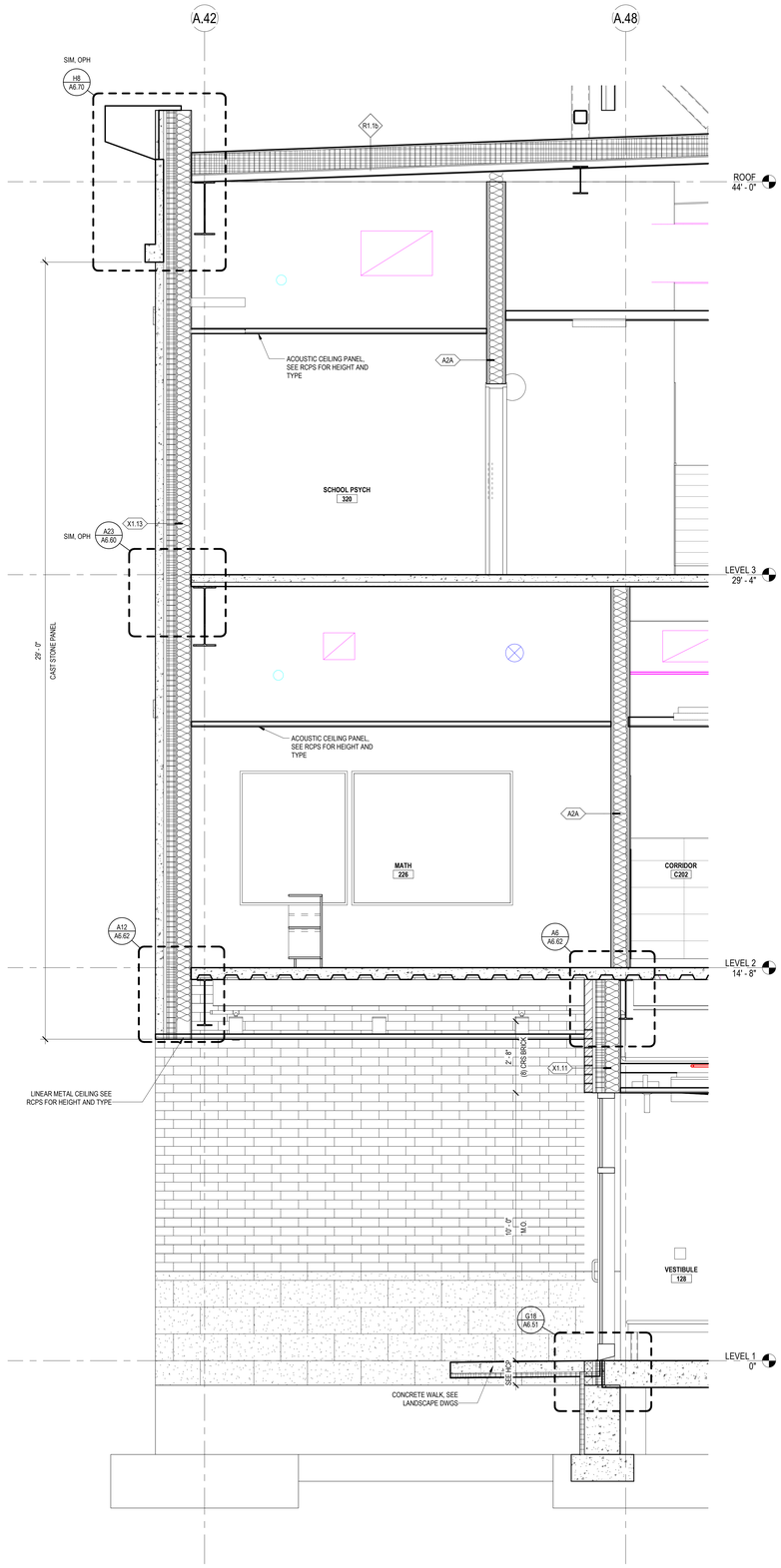
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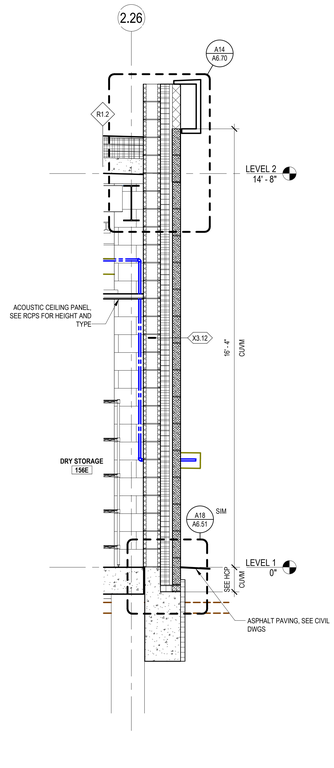
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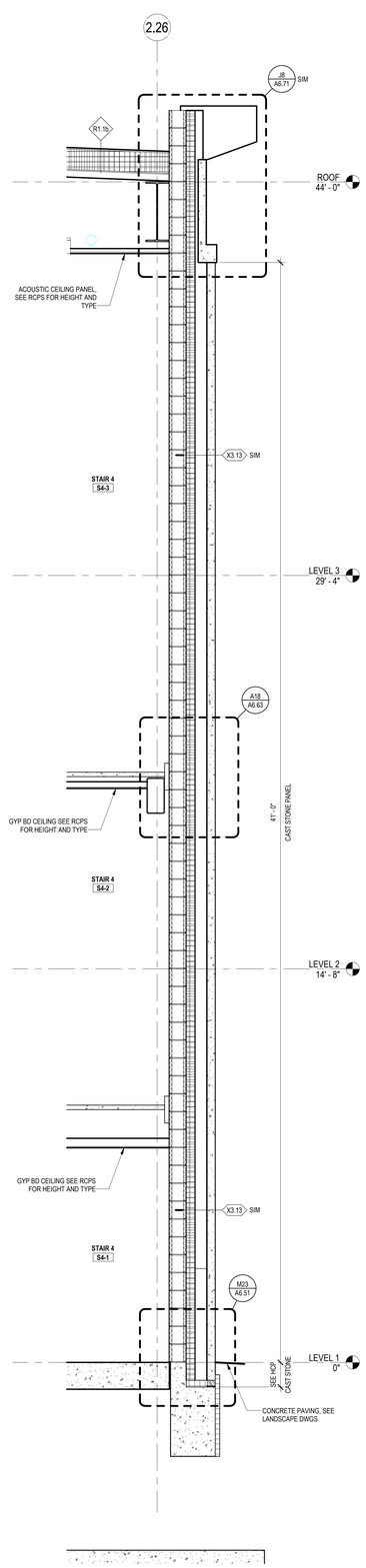
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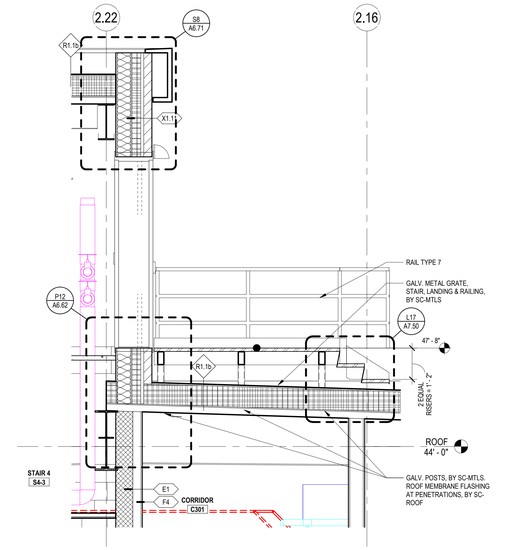
A26 WALL SECTION - 41
1/2" = 1'-0"



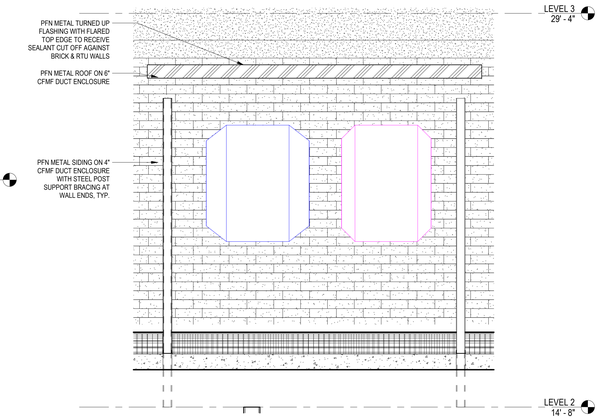
A16 WALL SECTION - 40
1/2" = 1'-0"



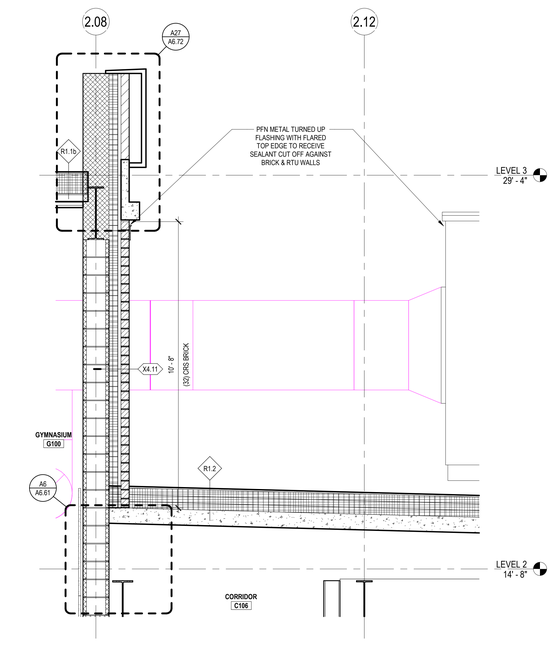
A12 WALL SECTION - 39
1/2" = 1'-0"



R7 WALL SECTION - 38
1/2" = 1'-0"



K7 WALL SECTION AT DUCT ENCLOSURE EAST WEST
1/2" = 1'-0"



A7 WALL SECTION AT DUCT ENCLOSURE NORTH SOUTH
1/2" = 1'-0"

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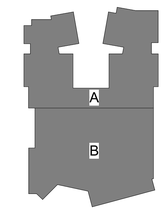
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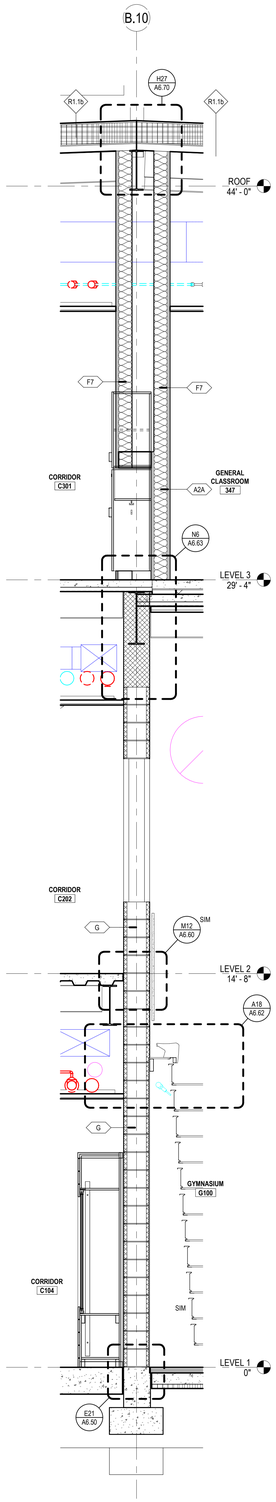
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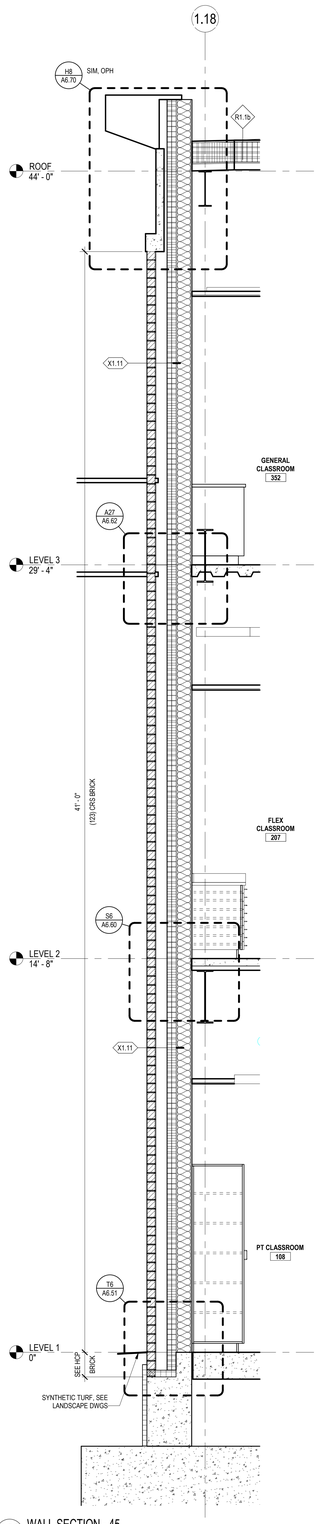
PROJECT NORTH

SHEET TITLE:
WALL SECTIONS

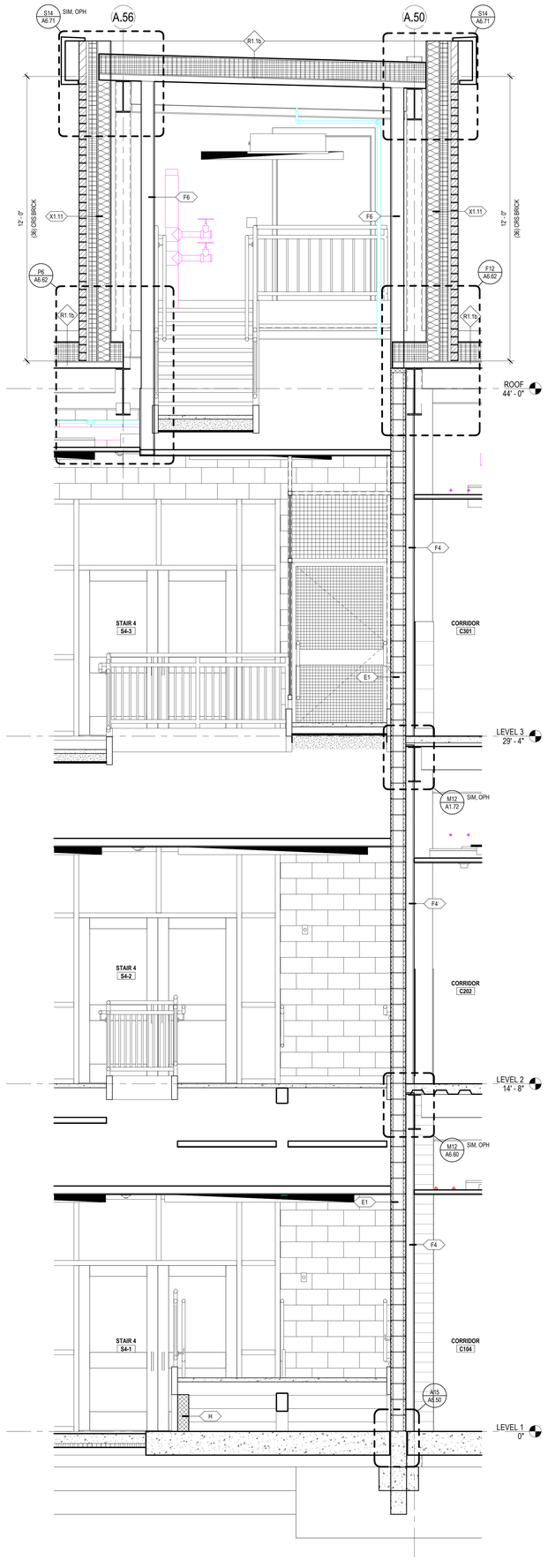
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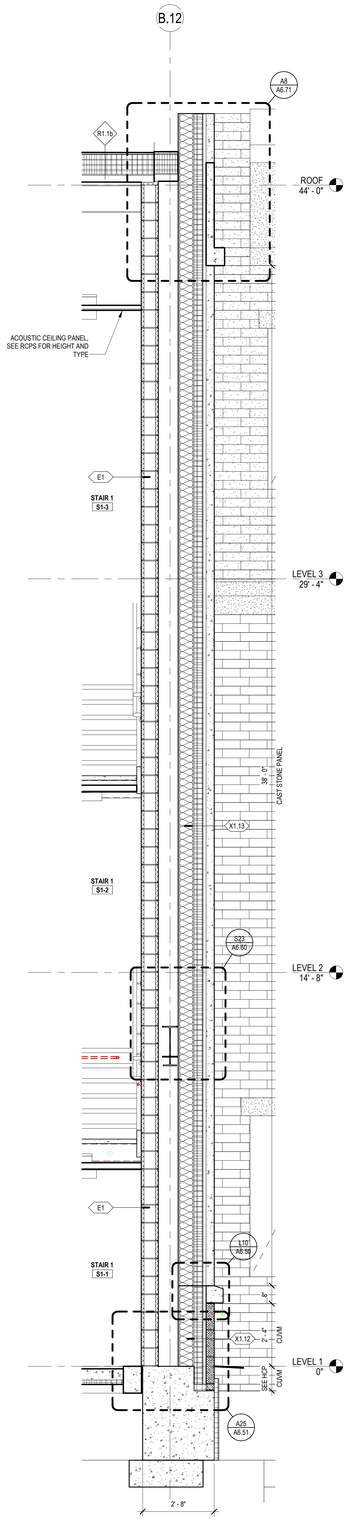
A27 WALL SECTION - 46
1/2" = 1'-0"



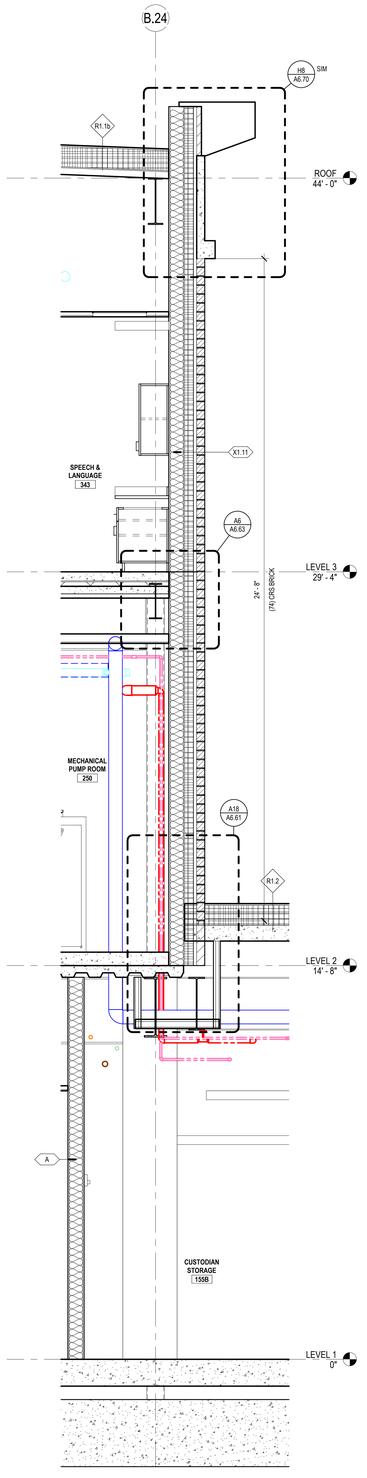
A23 WALL SECTION - 45
1/2" = 1'-0"



A18 WALL SECTION - 44
1/2" = 1'-0"



A11 WALL SECTION - 43
1/2" = 1'-0"



A6 WALL SECTION - 42
1/2" = 1'-0"

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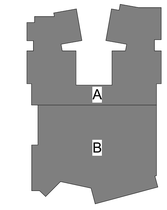
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KEY PLAN

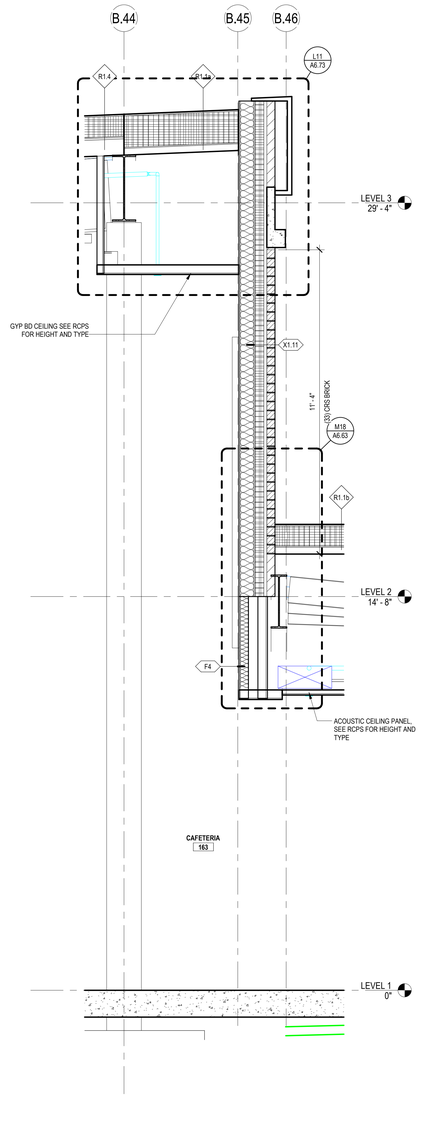


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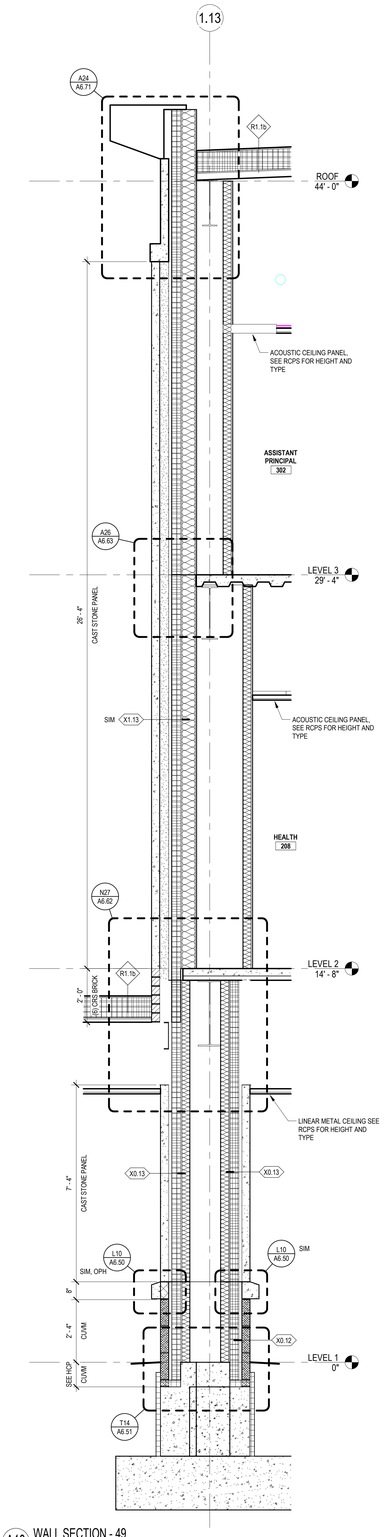
N
TRUE NORTH
PROJECT NORTH
0 1' 2' 4'
SCALE: 1/2"=1'-0" GRAPHIC SCALE

SHEET TITLE:
WALL SECTIONS

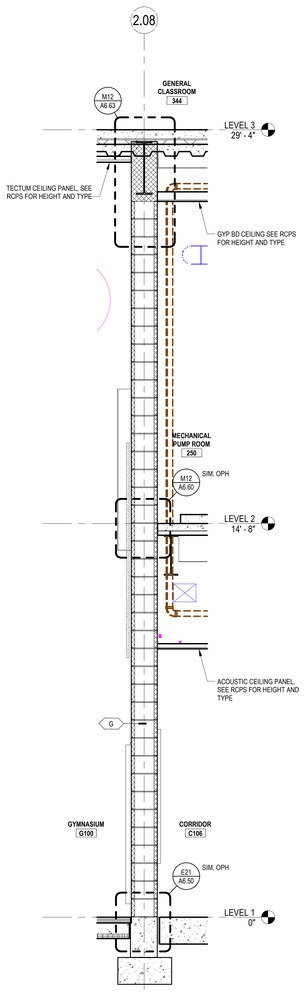
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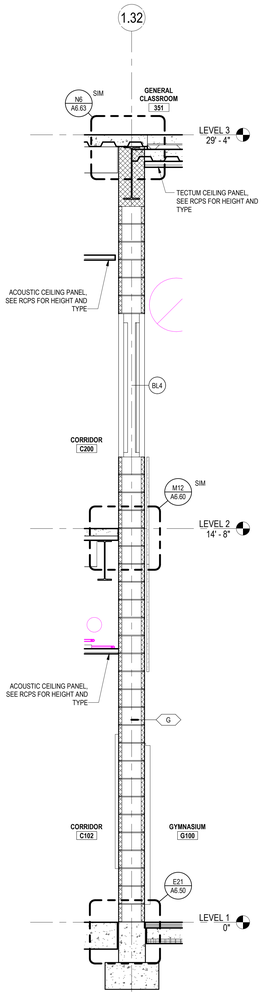
A17 WALL SECTION - 50
1/2" = 1'-0"



A13 WALL SECTION - 49
1/2" = 1'-0"



A8 WALL SECTION - 48
1/2" = 1'-0"



A4 WALL SECTION - 47
1/2" = 1'-0"

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

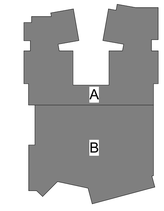
NO.	DATE	TITLE

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KEY PLAN



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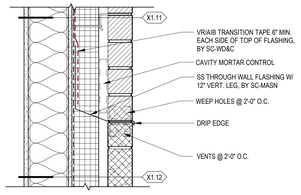
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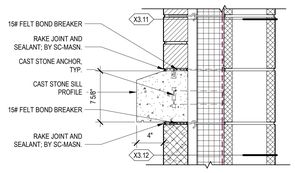
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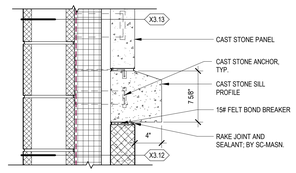
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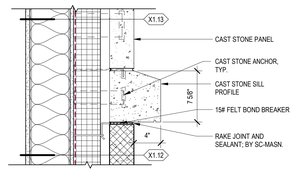
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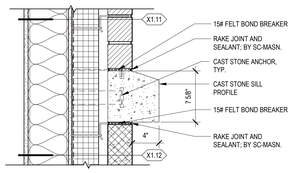
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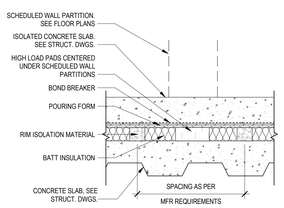
L24 BASE OF WALL - X1.11 / X1.12 WALL
1 1/2" = 1'-0"

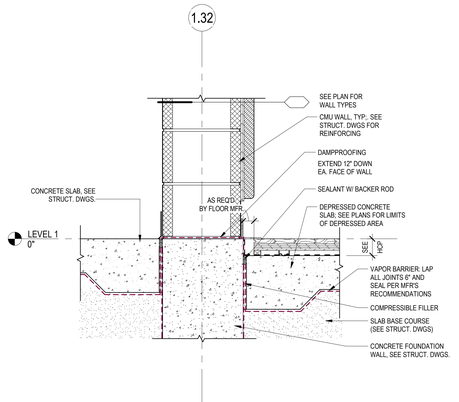
L20 BASE OF WALL - CAST STONE SILL PROFILE AT X3.12 / X3.11 WALL
1 1/2" = 1'-0"

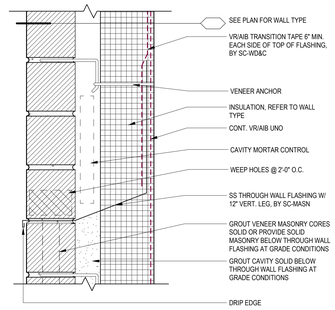
L15 BASE OF WALL - CAST STONE SILL PROFILE AT X3.12 / X3.42 WALL
1 1/2" = 1'-0"

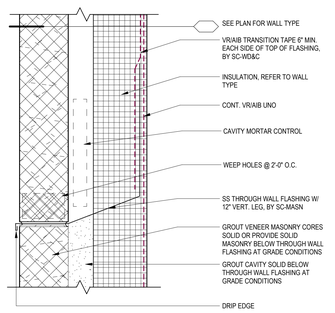
L10 BASE OF WALL - CAST STONE SILL PROFILE AT X1.12 / X1.42 WALL
1 1/2" = 1'-0"

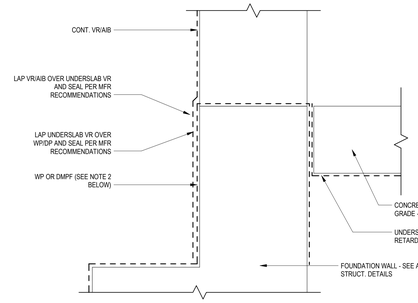
L5 BASE OF WALL - CAST STONE SILL PROFILE AT X1.11 / X1.12 WALL
1 1/2" = 1'-0"











NOTES:
1. THIS DETAIL IS INTENDED TO SHOW A SIMPLIFIED VERSION OF THE OVERLAPPING / TERMINATION OF THE UNDERSLAB VAPOR RETARDER, VR/AIB, AND WATERPROOFING / DAMPPROOFING. WHERE DETAILS OF SPECIFIC FOUNDATION CONDITIONS DIFFER FROM THIS DETAIL THE SPECIFIC CONDITION SHALL GOVERN.

2. WHERE THE INTERIOR SLAB IS ABOVE ADJACENT GRADE THERE SHALL BE DAMPPROOFING FROM THE TOP OF FOUNDATION WALL TO TOE OF BRICK SHELF. WHERE THE INTERIOR SLAB IS BELOW ADJACENT GRADE THERE SHALL BE WATERPROOFING FROM THE TOP OF FOUNDATION WALL TO THE TOE OF THE FOOTING.

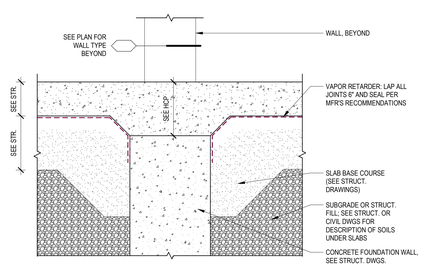
E26 TYPICAL RIM ISOLATION SLAB SYSTEM
1 1/2" = 1'-0"

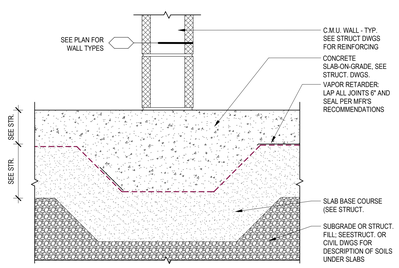
E21 BASE OF WALL - TYP. BEARING / SHEAR WALL CONDTION AT DEPRESSED SLAB
1 1/2" = 1'-0"

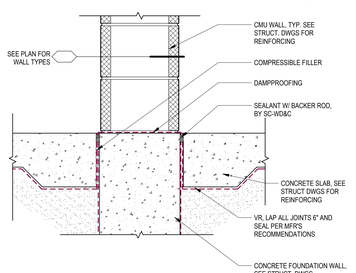
E16 THROUGH WALL FLASHING AT BRICK MASONRY AT FOUNDATION
3" = 1'-0"

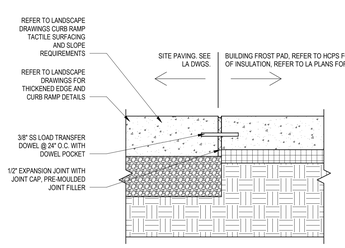
E11 THROUGH WALL FLASHING AT CSMU AT FOUNDATION
3" = 1'-0"

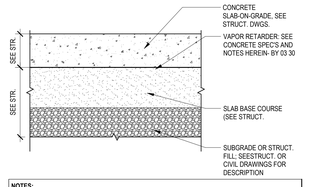
E6 SECTION DETAIL - TYPICAL VB / VR/AIB / DP / WP TRANSITION @ FOUNDATION
3" = 1'-0"











NOTES:
1. SEAL ALL JOINTS AND PENETRATIONS OF VAPOR BARRIER COMPLETELY USING TECHNIQUES AND PRODUCTS RECOMMENDED BY THE VR MFR. SEAL ALL EDGES OF VAPOR RETARDER TO FDTN WALLS.
2. TYPICAL SLAB SHOWN - PROVIDE THICKENED SLAB UNDER INTERIOR MASONRY WALLS, STAIR STRINGER BEARING POINTS, AND OTHER LOCATIONS AS SHOWN ON STRUCT. DRAWINGS AND DETAILS HEREIN.

A26 BASE OF WALL - THICKENED SLAB ON GRADE DETAIL @ OPENINGS
1 1/2" = 1'-0"

A20 BASE OF WALL - TYP THICKENED SLAB ON GRADE DETAIL
1 1/2" = 1'-0"

A15 BASE OF WALL - TYP. BEARING / SHEAR WALL CONDITION
1 1/2" = 1'-0"

A10 TYPICAL FROST PAD TO SIDEWALK PIN
1 1/2" = 1'-0"

A5 TYPICAL SLAB ON GRADE CONSTRUCTION
1 1/2" = 1'-0"

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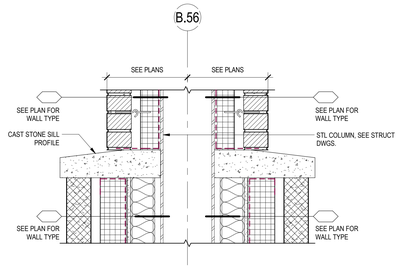
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KEY PLAN

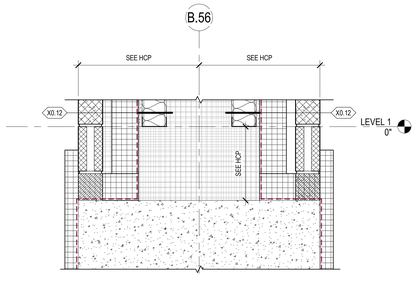
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SHEET TITLE:
BASE OF WALL DETAILS

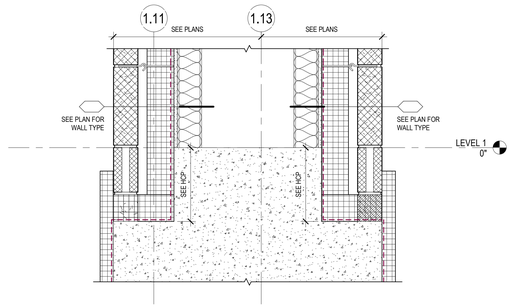
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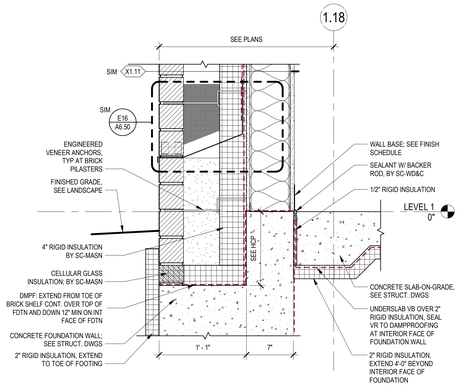
T25 BASE OF WALL DETAIL - B.56 (2)
1 1/2" = 1'-0"



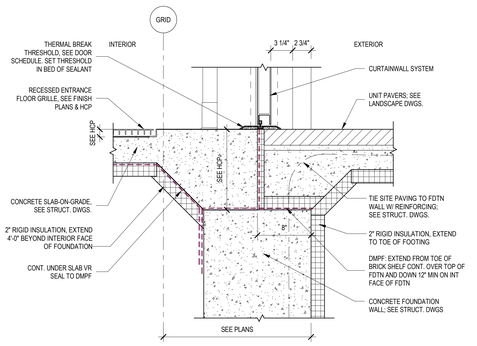
T21 BASE OF WALL DETAIL - B.56
1 1/2" = 1'-0"



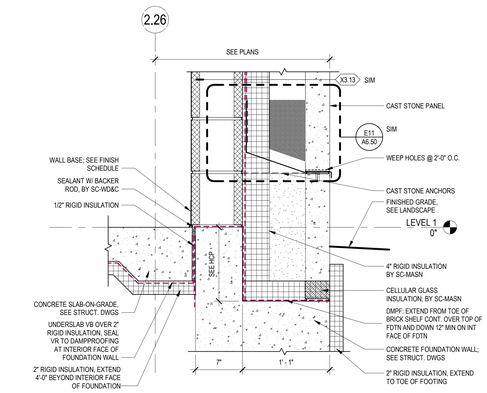
T14 BASE OF WALL DETAIL - 1.11
1 1/2" = 1'-0"



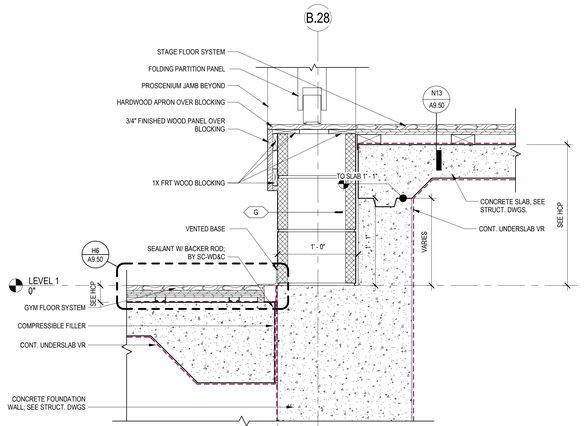
T6 BASE OF WALL DETAIL - X1.11 WALL AT PILASTER
1 1/2" = 1'-0"



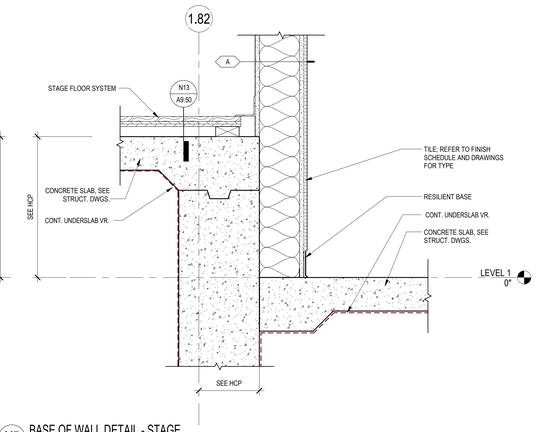
M27 BASE OF WALL DETAIL - CW / SF DOOR ENTRANCE ENTRY VESTIBULE
1 1/2" = 1'-0"



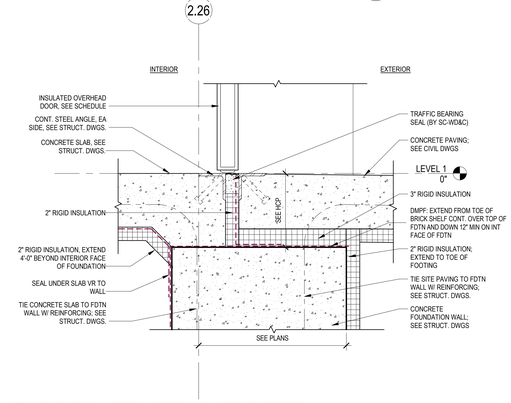
M23 BASE OF WALL DETAIL - X3.42 WALL AT PILASTER
1 1/2" = 1'-0"



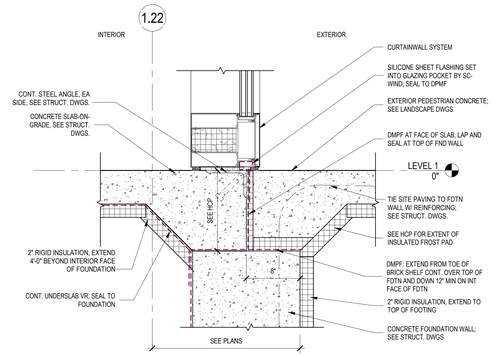
M16 BASE OF WALL DETAIL - GYM / STAGE
1 1/2" = 1'-0"



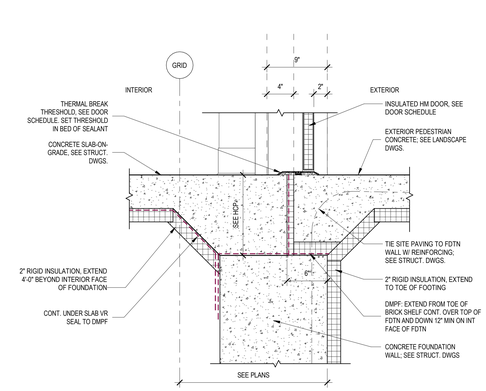
M7 BASE OF WALL DETAIL - STAGE
1 1/2" = 1'-0"



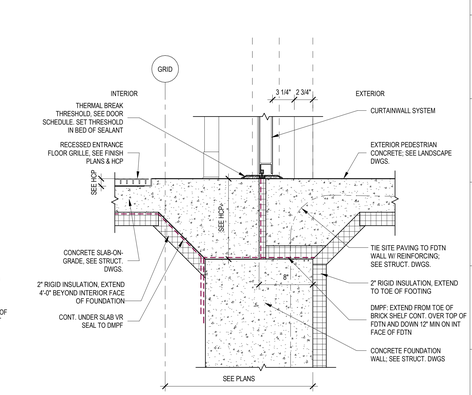
G25 BASE OF WALL DETAIL - SECTIONAL OVERHEAD DOOR
1 1/2" = 1'-0"



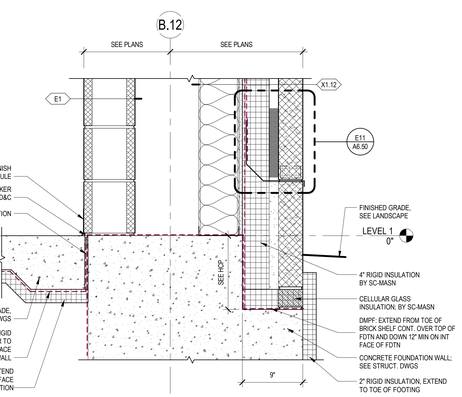
G18 BASE OF WALL DETAIL - CW HARDSCAPE
1 1/2" = 1'-0"



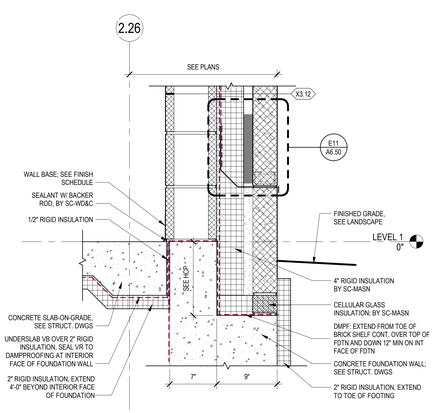
G12 BASE OF WALL DETAIL - HM DOOR ENTRANCE
1 1/2" = 1'-0"



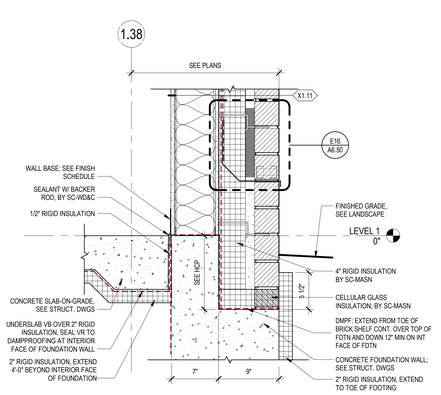
G6 BASE OF WALL DETAIL - CW / SF DOOR ENTRANCE
1 1/2" = 1'-0"



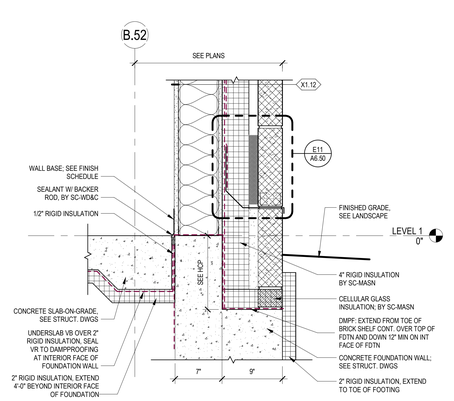
A25 BASE OF WALL DETAIL - X1.12 / E1 WALL
1 1/2" = 1'-0"



A18 BASE OF WALL DETAIL - X3.12 WALL
1 1/2" = 1'-0"



A12 BASE OF WALL DETAIL - X1.11 WALL
1 1/2" = 1'-0"



A6 BASE OF WALL DETAIL - X1.12 WALL
1 1/2" = 1'-0"

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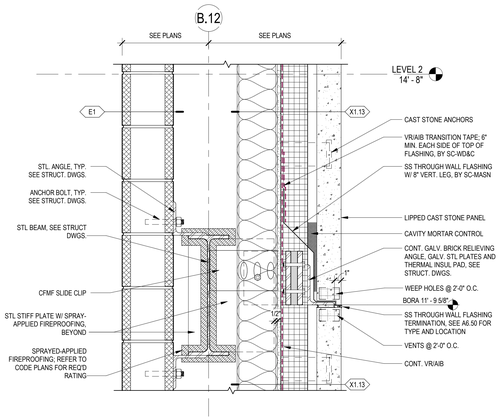
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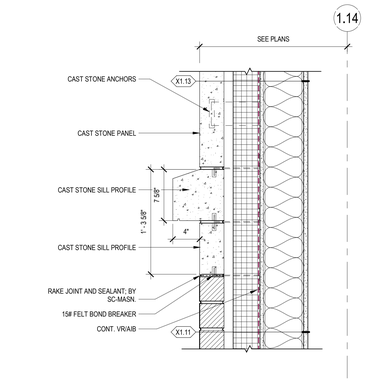
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BASE OF WALL DETAILS

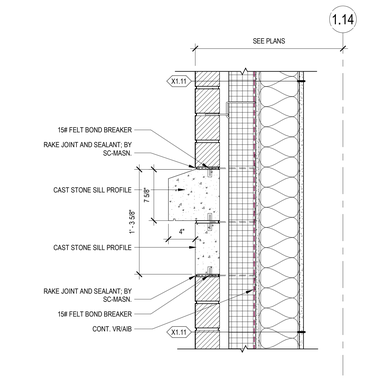
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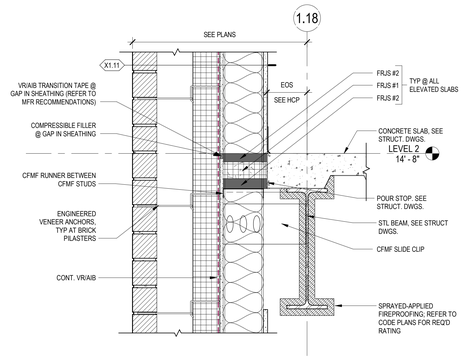
S23 MID WALL DETAIL - X1.13 / E1 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



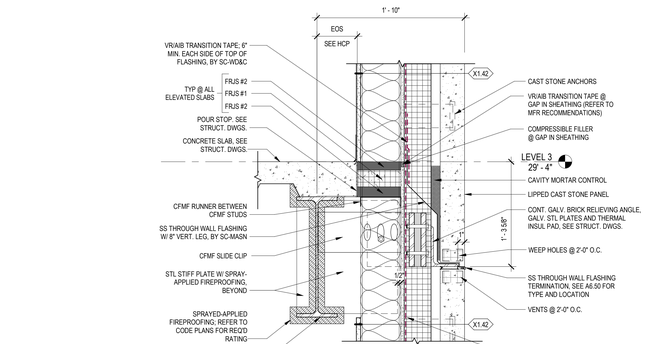
S17 MID WALL DETAIL - X1.11 / X1.13 WALL W/ CAST STONE SILL
1 1/2" = 1'-0"



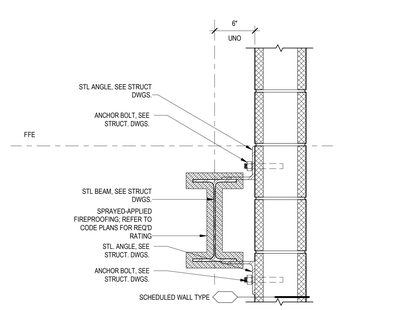
S12 MID WALL DETAIL - X1.11 WALL W/ CAST STONE SILL
1 1/2" = 1'-0"



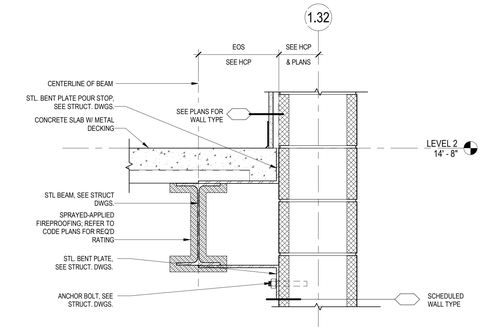
S6 MID WALL DETAIL - X1.11 WALL AT PILASTER
1 1/2" = 1'-0"



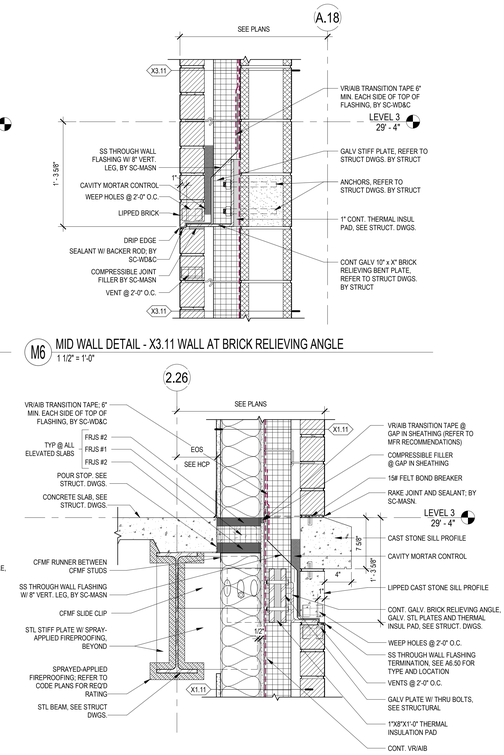
M23 MID WALL DETAIL - X1.42 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



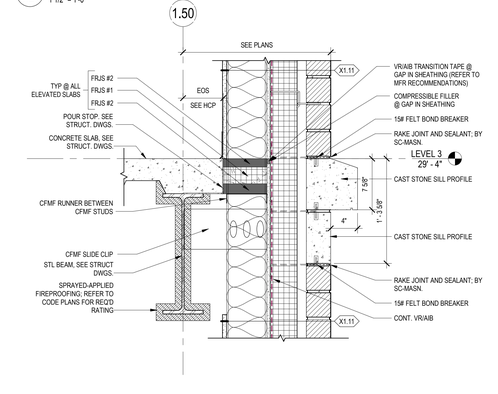
G17 MID WALL DETAIL - X3.13 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



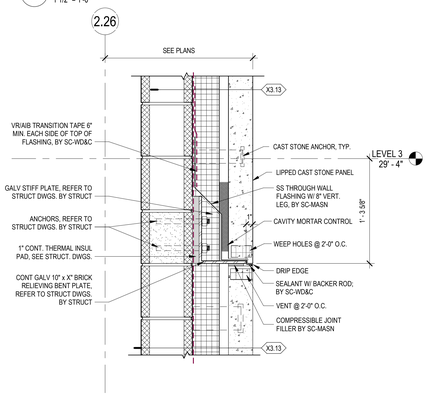
M12 MID WALL DETAIL - ELEVATED SLAB @ CMU
1 1/2" = 1'-0"



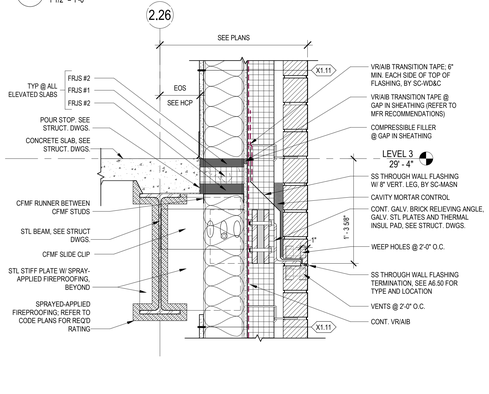
M6 MID WALL DETAIL - X3.11 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



M23 MID WALL DETAIL - X1.42 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"

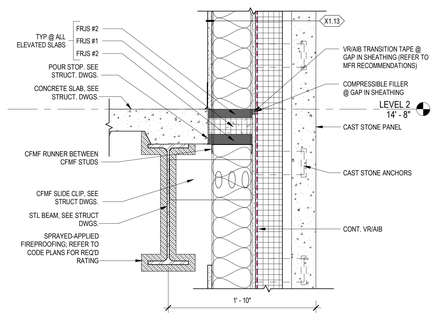


M17 MID WALL DETAIL - SHEAR WALL @ TWO STORY SPACE
1 1/2" = 1'-0"

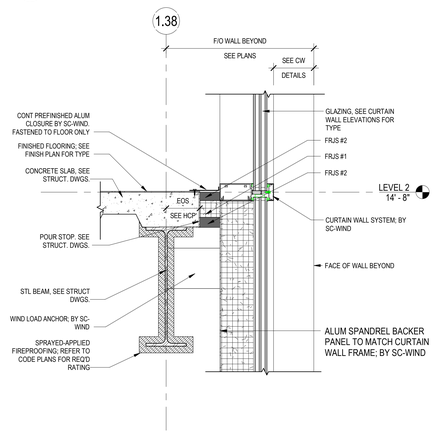


M12 MID WALL DETAIL - X1.11 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"

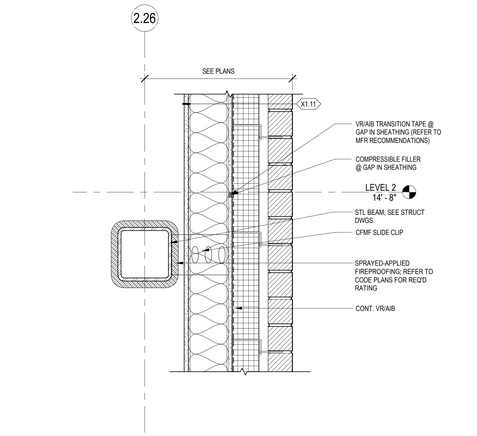
M6 MID WALL DETAIL - X1.11 WALL W/ CAST STONE SILL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



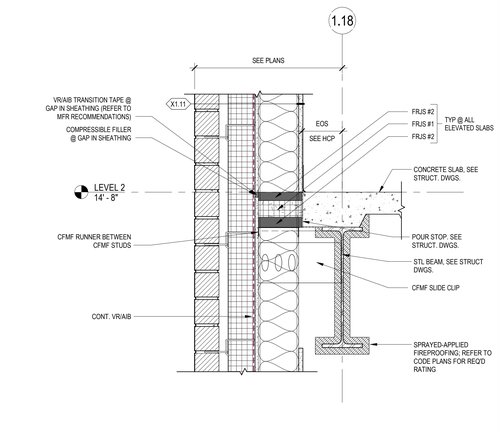
G23 MID WALL DETAIL - X1.11 WALL W/ CAST STONE SILL
1 1/2" = 1'-0"



G17 MID WALL DETAIL - CW @ SPANDREL
1 1/2" = 1'-0"



M12 MID WALL DETAIL - X1.11 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



G6 MID WALL DETAIL - X1.11 WALL W/ CAST STONE SILL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"

A23 MID WALL DETAIL - X1.13 WALL
1 1/2" = 1'-0"

A17 MID WALL DETAIL - CW @ SPANDREL
1 1/2" = 1'-0"

A12 MID WALL DETAIL - X1.11 WALL
1 1/2" = 1'-0"

A6 MID WALL DETAIL - X1.11 WALL
1 1/2" = 1'-0"

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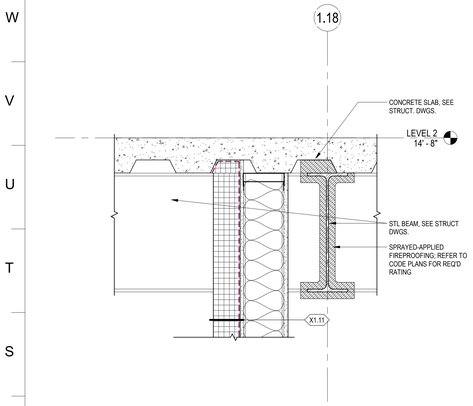
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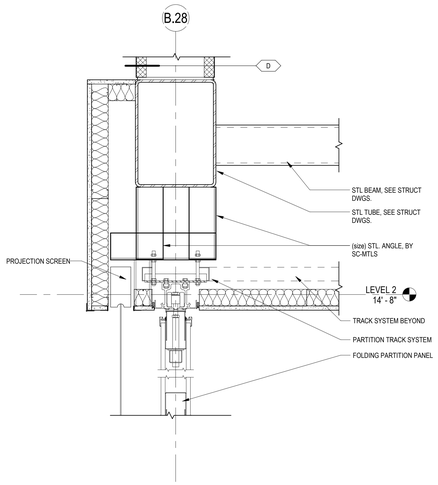
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SHEET TITLE:
MID WALL DETAILS

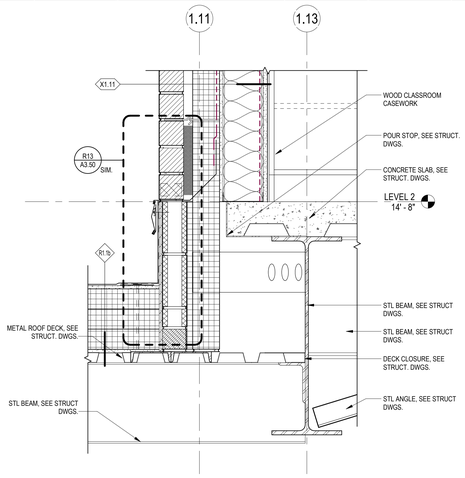
SHEET NUMBER:
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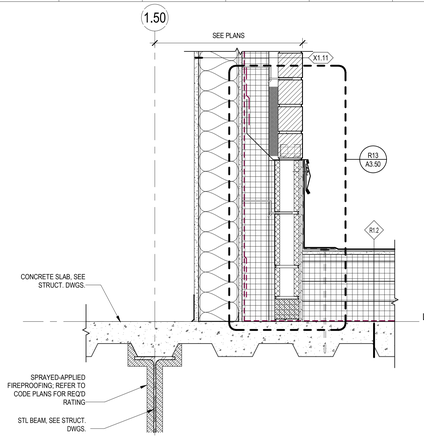
R27 MID WALL DETAIL - X1.11 WALL AT COL 1.18
1 1/2" = 1'-0"



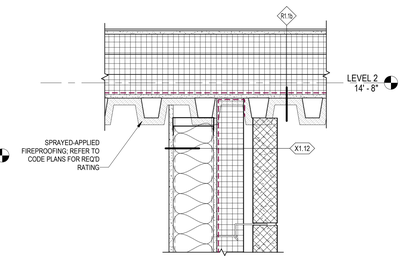
R22 MID WALL DETAIL - OPERABLE PARTITION HEAD CONDITION
1 1/2" = 1'-0"



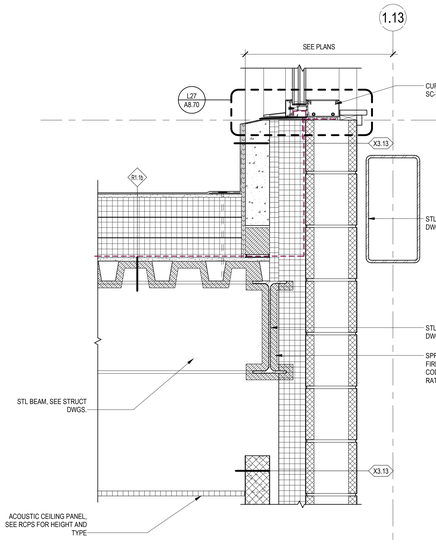
R17 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF AT COL 1.13
1 1/2" = 1'-0"



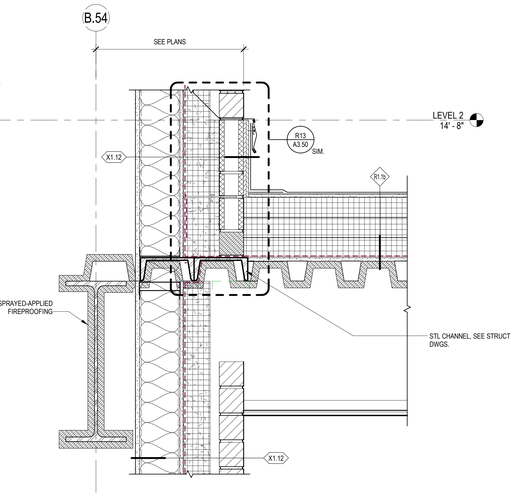
R12 MID WALL DETAIL - X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



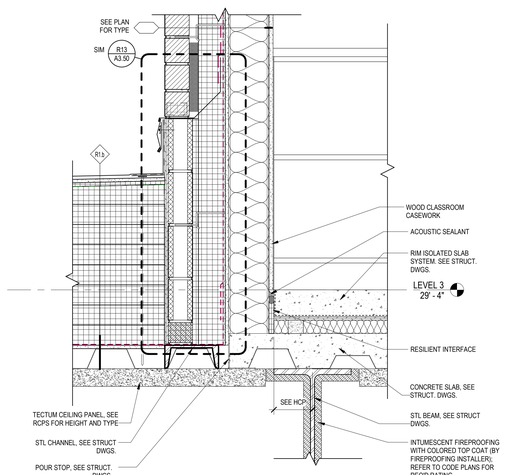
S6 MID WALL DETAIL - X1.12 WALL / R1.1b ROOF
1 1/2" = 1'-0"



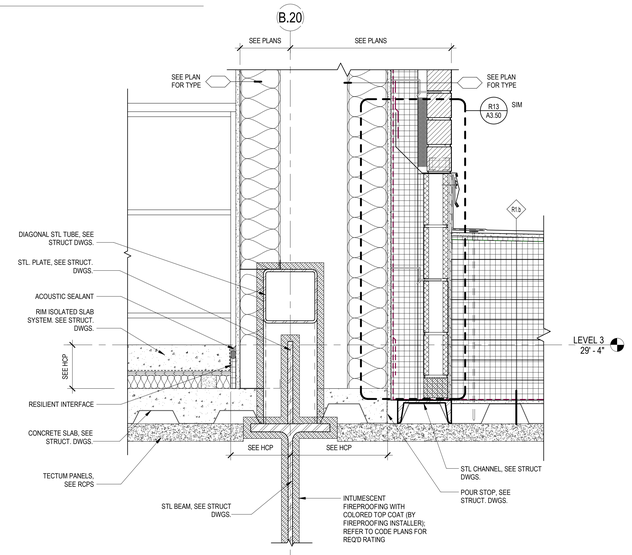
J27 MID WALL DETAIL - X3.13 WALL / R1.1b ROOF
1 1/2" = 1'-0"



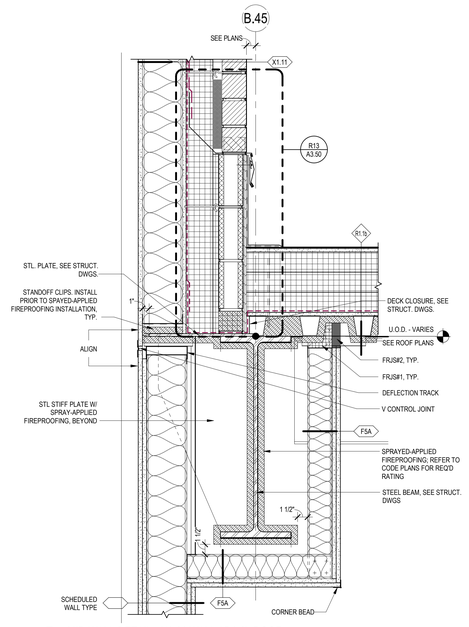
J21 MID WALL DETAIL - X1.12 WALL / R1.1b ROOF AT COL B.54
1 1/2" = 1'-0"



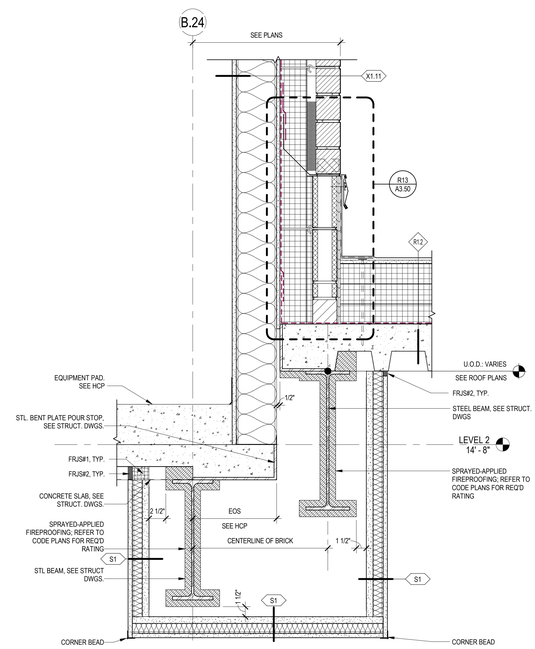
J15 MID WALL DETAIL - RIM ISOLATION SLAB / X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



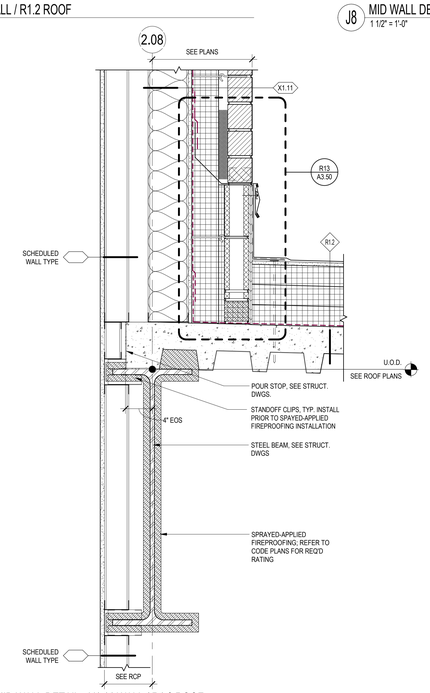
J8 MID WALL DETAIL - RIM ISOLATION SLAB / X1.11 WALL / R1.2 ROOF/TRUSS
1 1/2" = 1'-0"



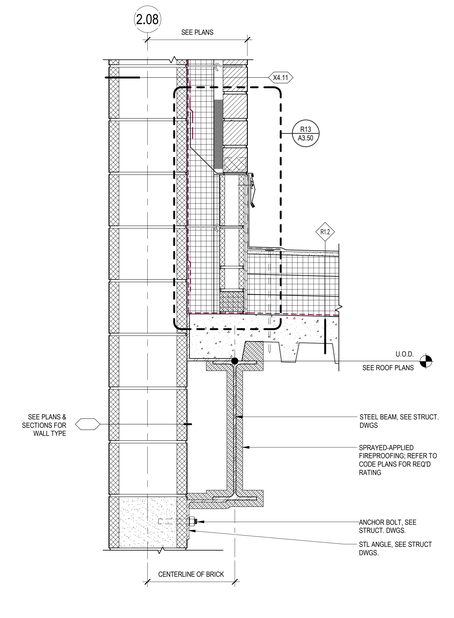
A25 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



A18 MID WALL DETAIL - X1.11 WALL / R1.2 ROOF W/ S1 DRAFT STOPPING
1 1/2" = 1'-0"



A12 MID WALL DETAIL - X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



A6 MID WALL DETAIL - X4.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"

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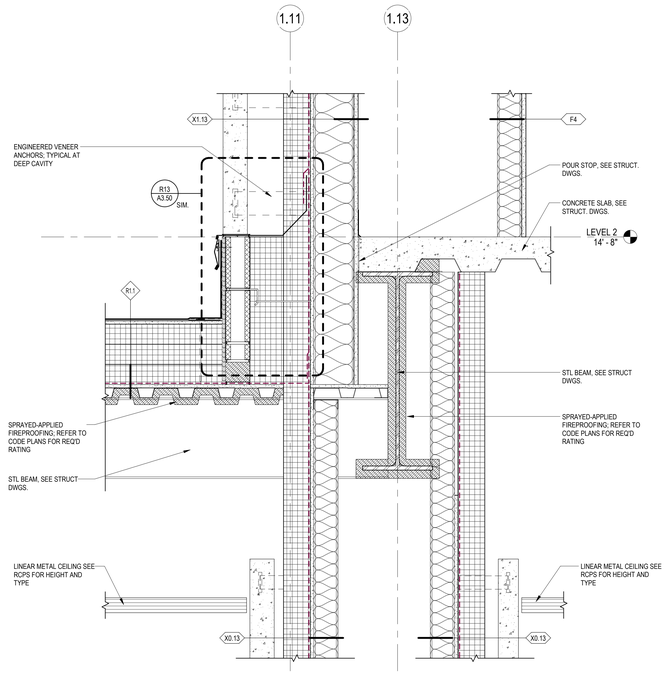
KEY PLAN

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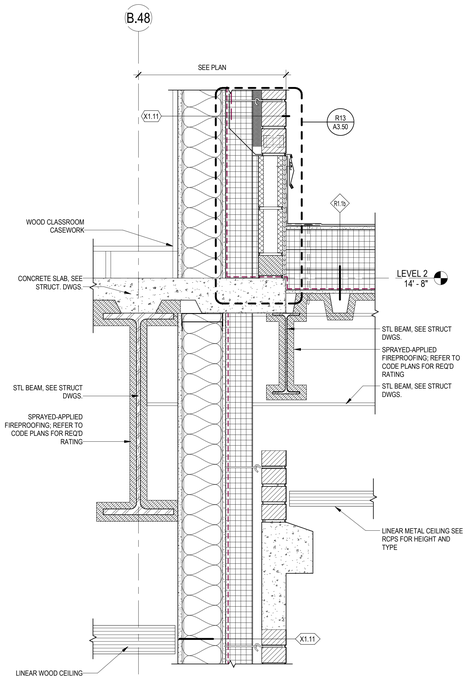
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SHEET TITLE:
MID WALL DETAILS

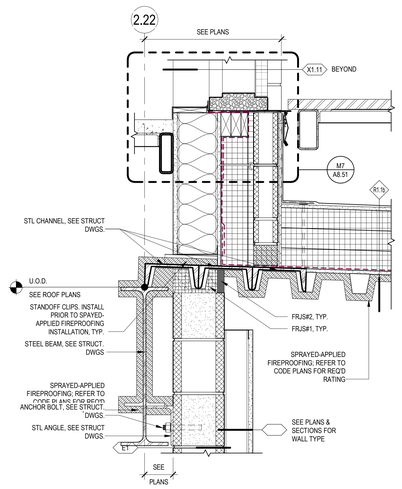
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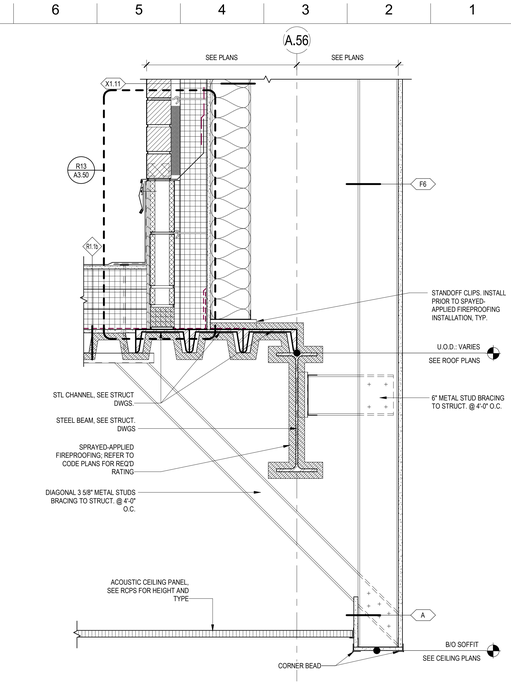
N27 MID WALL DETAIL - X1.11 WALL / PARENT CANOPY ROOF
1 1/2" = 1'-0"



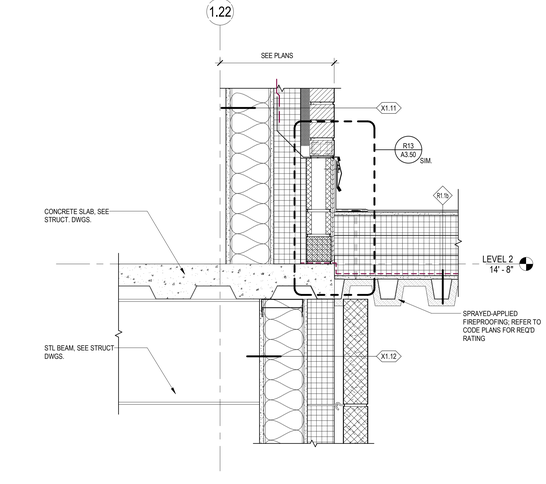
N18 MID WALL DETAI - X1.11 WALL / R1.1b ROOF AT COL B.48
1 1/2" = 1'-0"



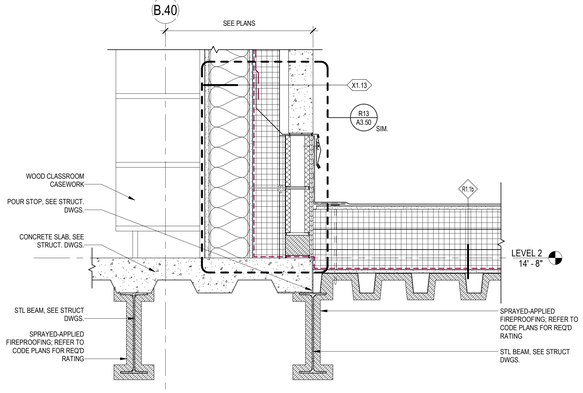
P12 MID WALL DETAIL - X1.11 WALL / E1 WALL / R1.1b ROOF
1 1/2" = 1'-0"



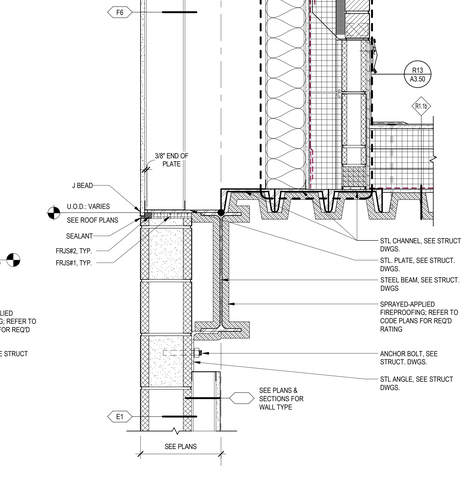
P6 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



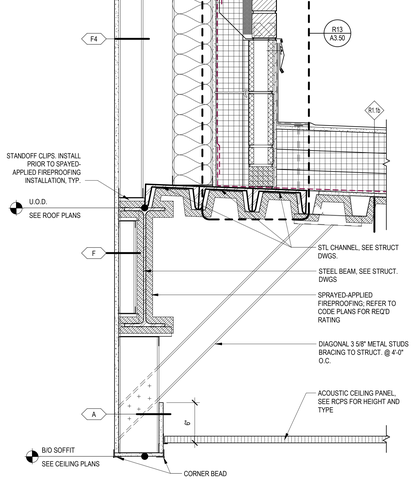
F27 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF / LIBRARY
1 1/2" = 1'-0"



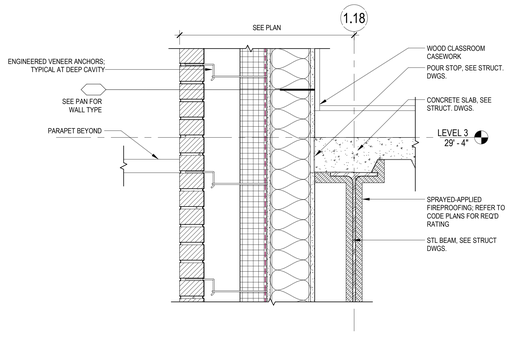
F18 MID WALL DETAIL - X1.13 WALL / R1.1b ROOF / LIBRARY
1 1/2" = 1'-0"



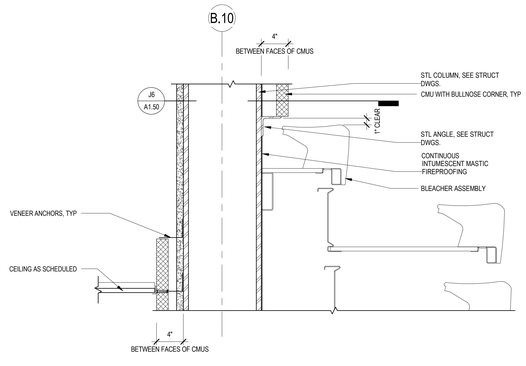
F12 MID WALL DETAIL - X1.11 WALL / E1 WALL / R1.1b ROOF
1 1/2" = 1'-0"



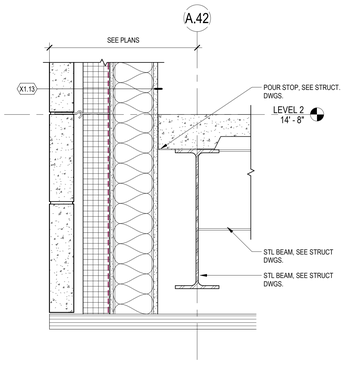
F6 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



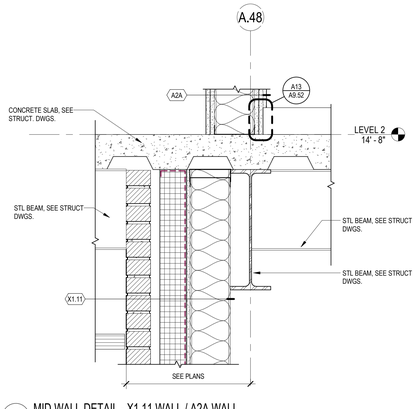
A27 MID WALL DETAIL - X1.11 WALL / LIBRARY
1 1/2" = 1'-0"



A18 MID WALL DETAIL - TYP COLUMN ENCLOSURE AT GYM BLEACHER
1 1/2" = 1'-0"



A12 MID WALL DETAIL - X1.13 WALL / MATH 226
1 1/2" = 1'-0"



A6 MID WALL DETAIL - X1.11 WALL / A2A WALL
1 1/2" = 1'-0"

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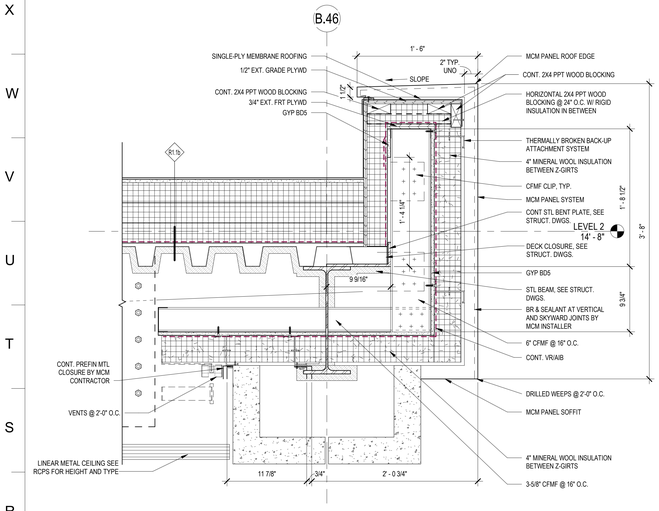
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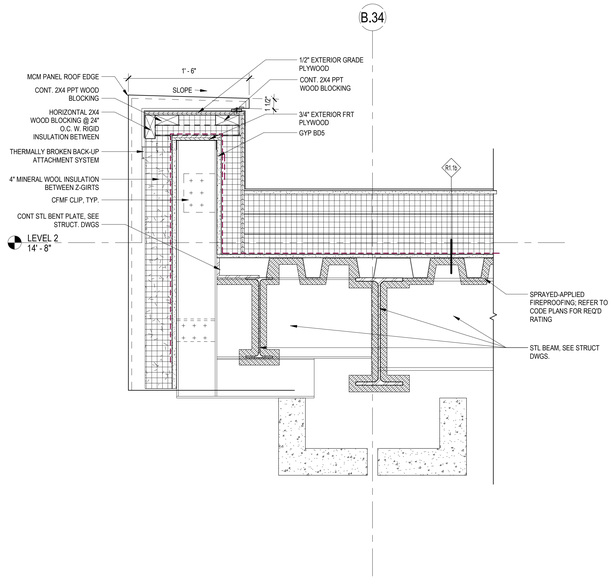
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SHEET TITLE:
MID WALL DETAILS

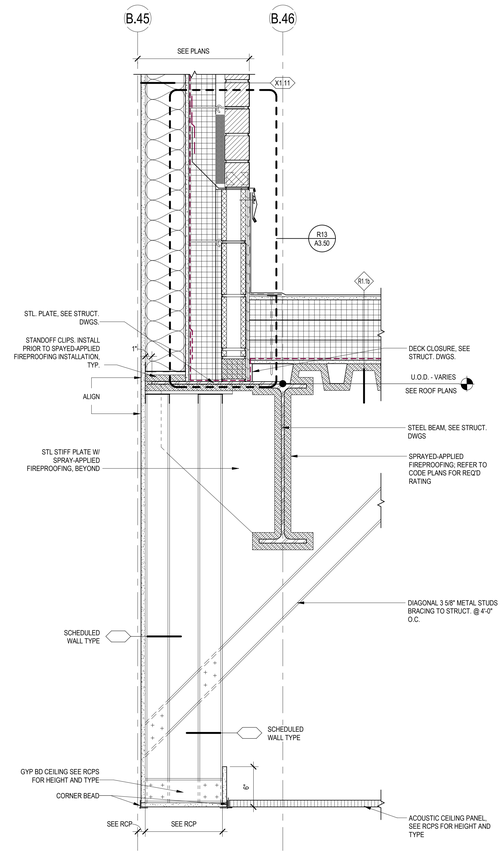
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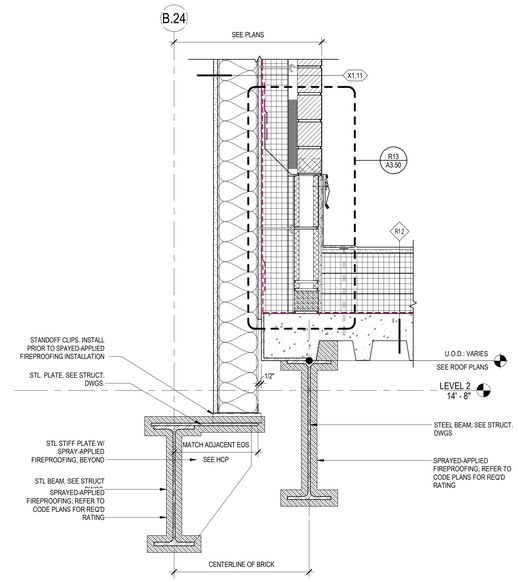
R26 MID WALL DETAIL - MAIN CANOPY ROOF EDGE FRONT
1 1/2" = 1'-0"



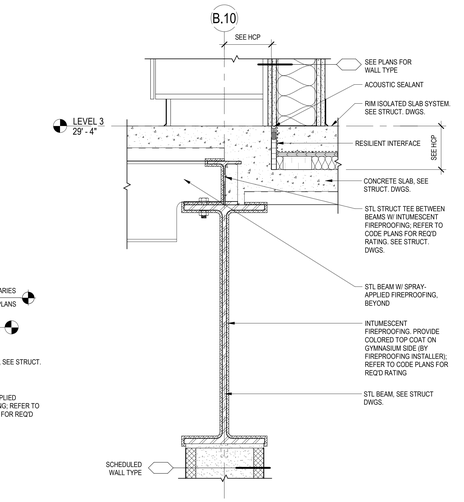
G26 MID WALL DETAIL - MAIN CANOPY ROOF EDGE BACK
1 1/2" = 1'-0"



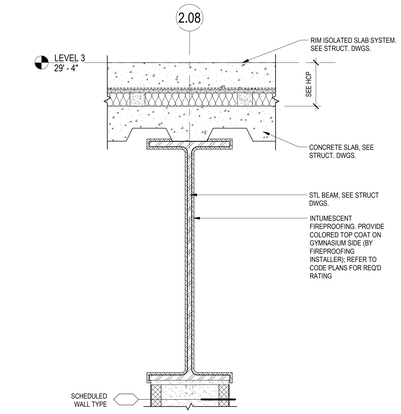
M18 MID WALL DETAIL - X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



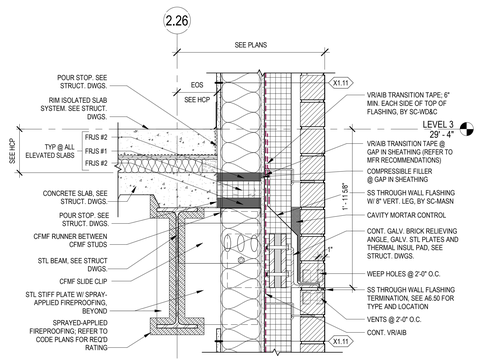
N12 MID WALL DETAIL - X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



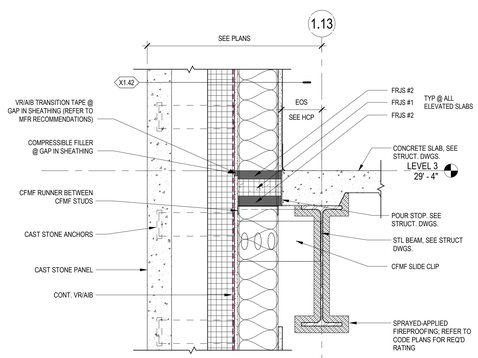
N6 MID WALL DETAIL - RIM ISOLATION SLAB / SLAB TRANSITION
1 1/2" = 1'-0"



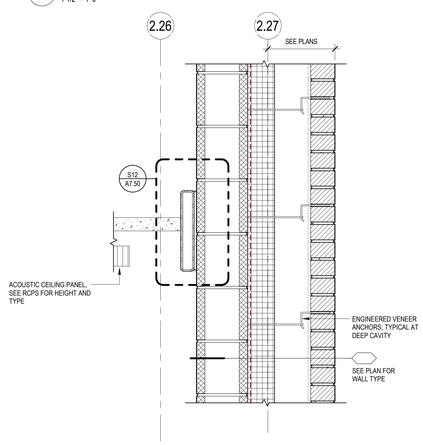
M12 MID WALL DETAIL - RIM ISOLATION SLAB
1 1/2" = 1'-0"



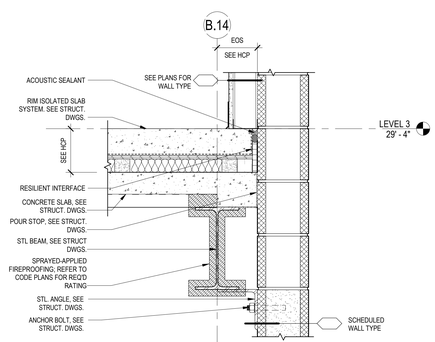
G6 MID WALL DETAIL - RIM ISOLATION SLAB / X1.11 WALL AT BRICK RELIEVING ANGLE
1 1/2" = 1'-0"



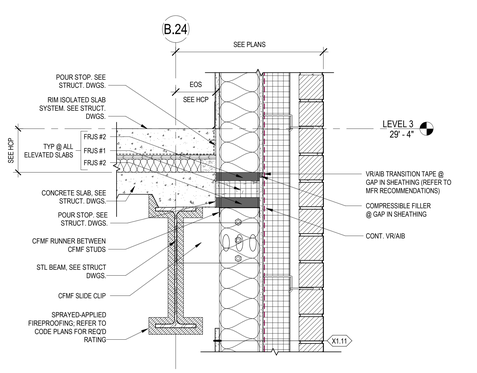
A26 MID WALL DETAIL - X1.42 WALL AT PILASTER
1 1/2" = 1'-0"



A18 MID WALL DETAIL - X3.13 WALL AT STAIR 4
1 1/2" = 1'-0"



A12 MID WALL DETAIL - RIM ISOLATION SLAB / CMU WALL
1 1/2" = 1'-0"



A6 MID WALL DETAIL - RIM ISOLATION SLAB / X1.11 WALL
1 1/2" = 1'-0"

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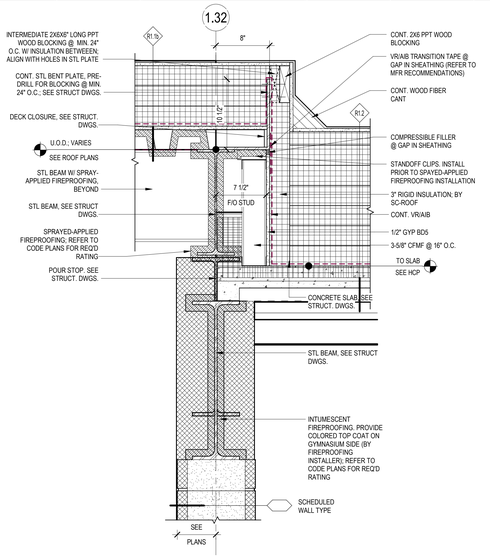
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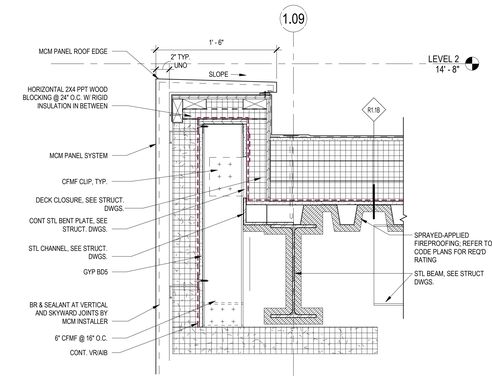
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SHEET TITLE:
MID WALL DETAILS

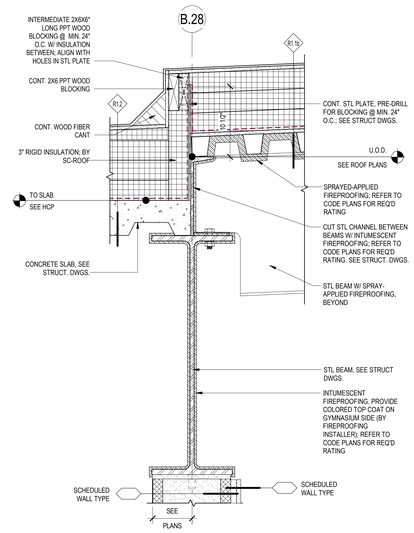
SHEET NUMBER:
A6.63



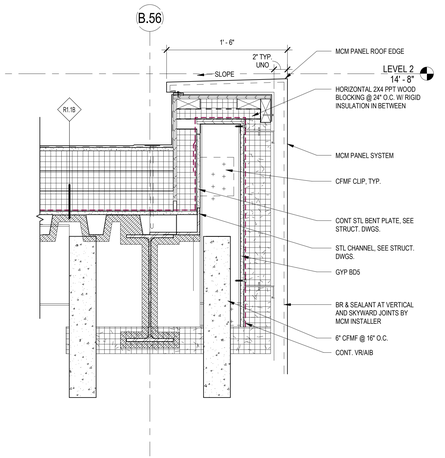
Q26 TOP OF WALL DETAIL - R1.2 / R1.1b ROOF
1 1/2" = 1'-0"



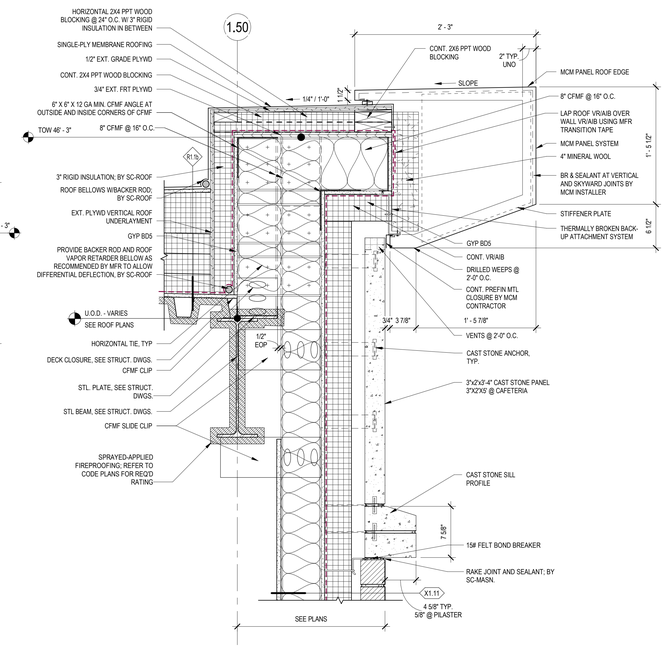
S20 TOP OF WALL DETAIL - MAIN CANOPY ROOF EDGE AT COL 1.09
1 1/2" = 1'-0"



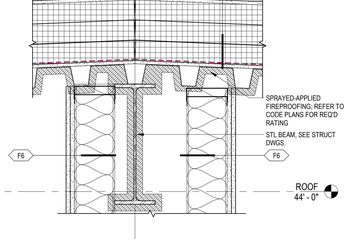
R13 TOP OF WALL DETAIL - R1.2 / R1.1b ROOF
1 1/2" = 1'-0"



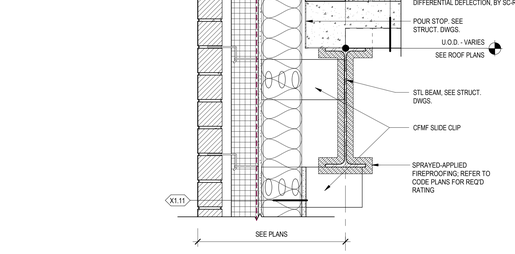
S7 TOP OF WALL DETAIL - MAIN CANOPY ROOF EDGE AT COL B.56
1 1/2" = 1'-0"



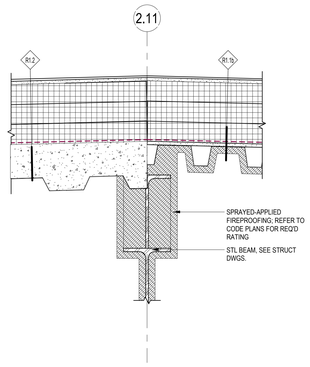
H16 TOP OF WALL DETAIL - MCM / X1.42 WALL / R1.1b ROOF
1 1/2" = 1'-0"



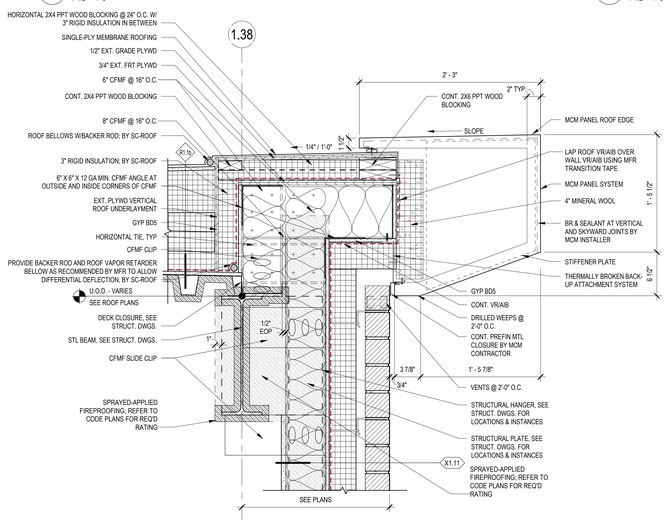
H27 TOP OF WALL DETAIL - B.10 ROOF TRANSITION
1 1/2" = 1'-0"



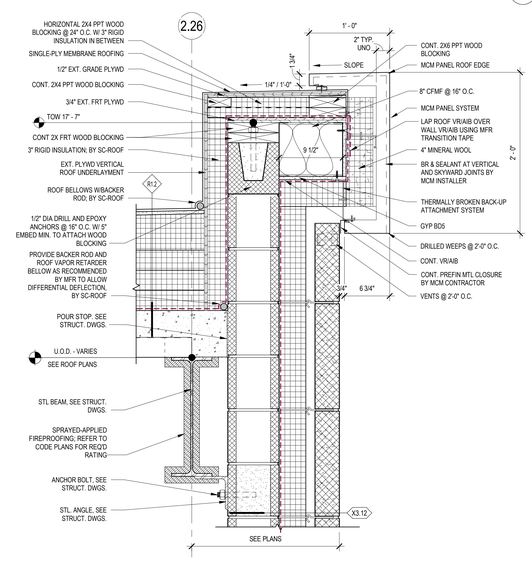
H22 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



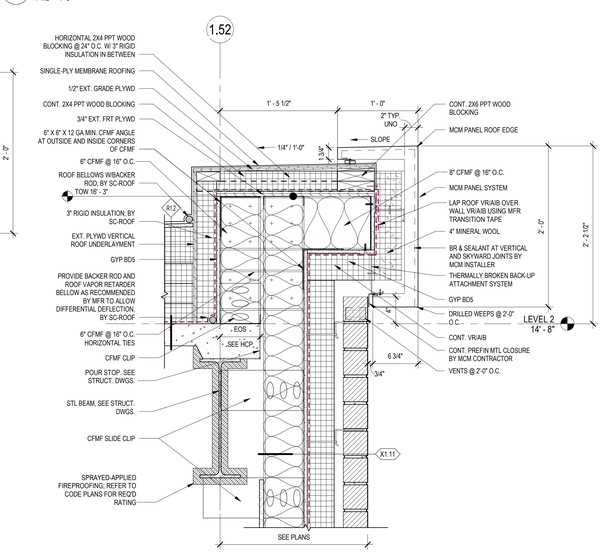
A27 TOP OF WALL DETAIL - R1.1 ROOF / R1.2 ROOF
1 1/2" = 1'-0"



A22 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



A14 TOP OF WALL DETAIL - MCM / X3.12 WALL / R1.2 ROOF
1 1/2" = 1'-0"



A7 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"

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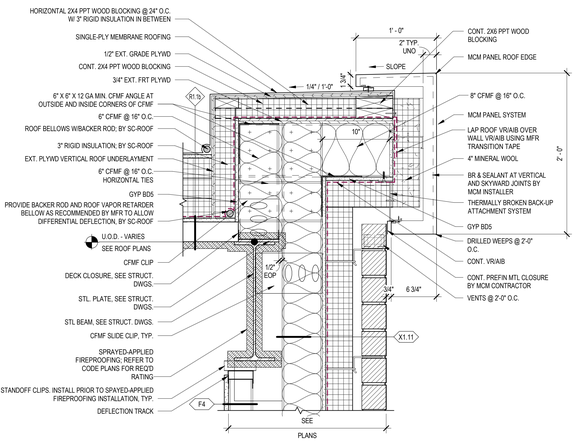
KEY PLAN

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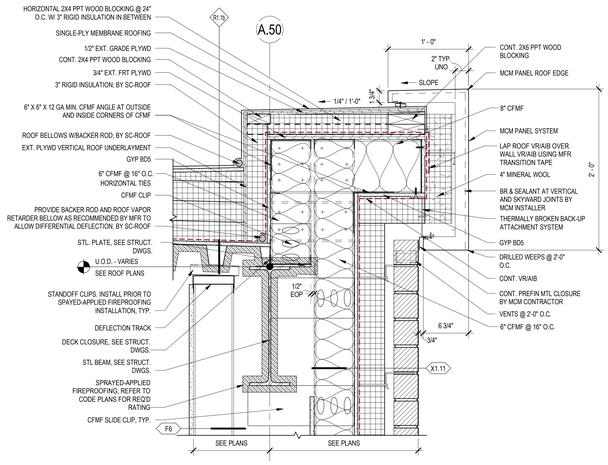
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SHEET TITLE:
TOP OF WALL DETAILS

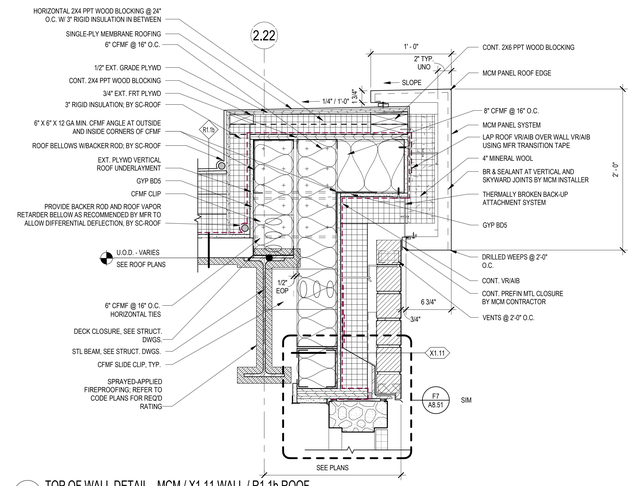
SHEET NUMBER:
A6.70



S22 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



S14 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



S8 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"

S23 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"

J16 TOP OF WALL DETAIL - R1.1b ROOF
1 1/2" = 1'-0"

J8 TOP OF WALL DETAIL - MCM / X3.42 WALL / R1.1b ROOF
1 1/2" = 1'-0"

A24 TOP OF WALL DETAIL - MCM / CAST STONE / X1.42 WALL AT PILASTER / R1.1b ROOF
1 1/2" = 1'-0"

A15 TOP OF WALL DETAIL - MCM / X3.42 WALL / R1.1b ROOF
1 1/2" = 1'-0"

A8 TOP OF WALL DETAIL - MCM / X1.42 / E1 WALL / R1.1b ROOF
1 1/2" = 1'-0"

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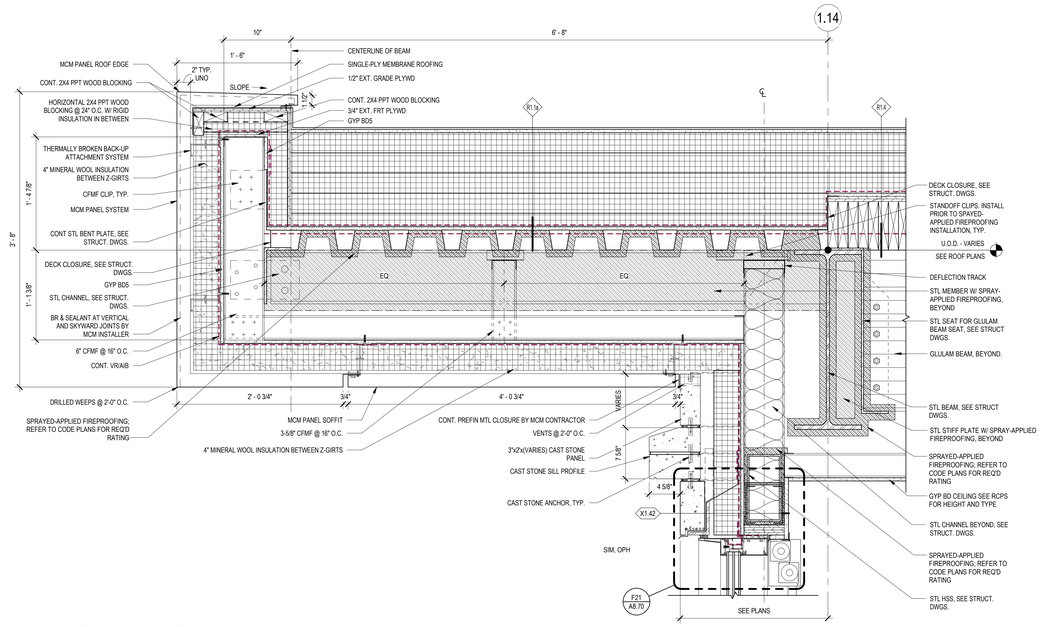
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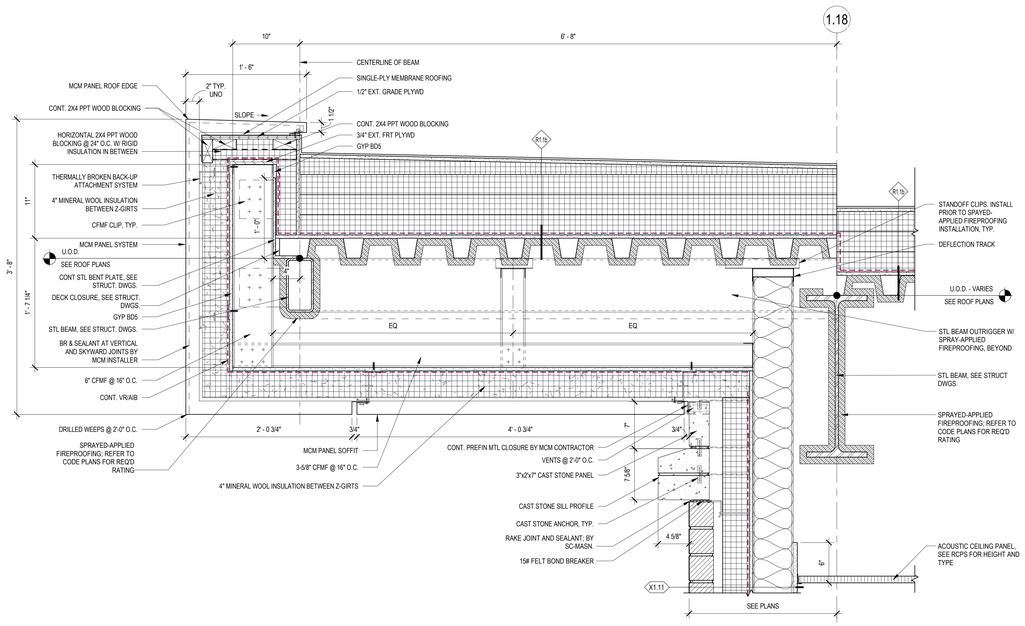
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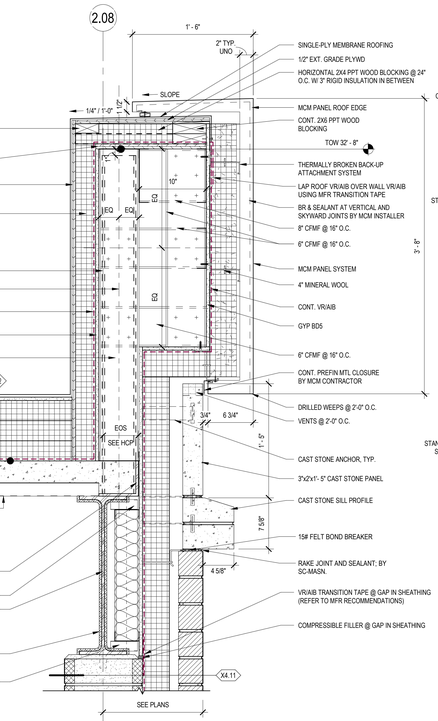
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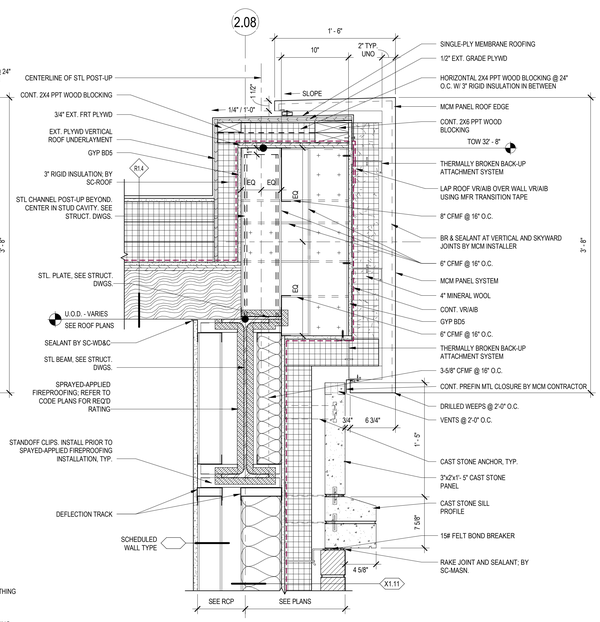
P25 TOP OF WALL DETAIL - MCM / X1.42 WALL / R1.1a /R1.4 ROOF
1 1/2" = 1'-0"



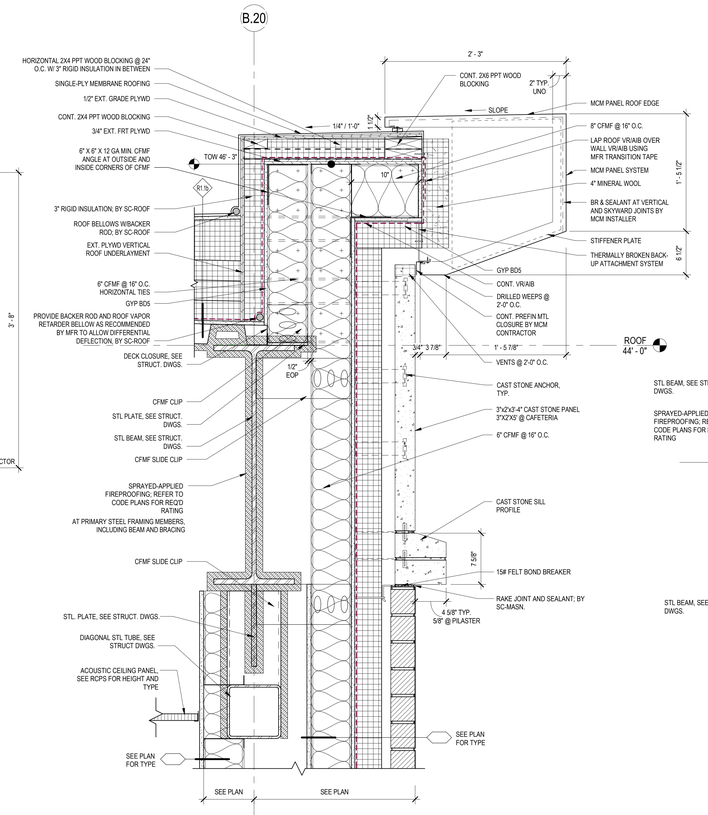
P13 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1b ROOF
1 1/2" = 1'-0"



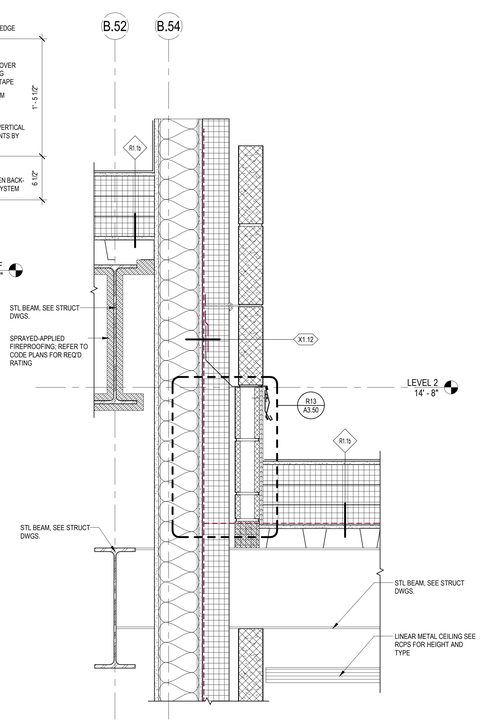
A27 TOP OF WALL DETAIL - MCM / X4.11 WALL / R1.2 ROOF
1 1/2" = 1'-0"



A20 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.4 ROOF
1 1/2" = 1'-0"



A14 TOP OF WALL DETAIL - MCM / CAST STONE / X1.11 WALL / R1.1b ROOF/TRUSS
1 1/2" = 1'-0"



A6 Detail 22
1 1/2" = 1'-0"

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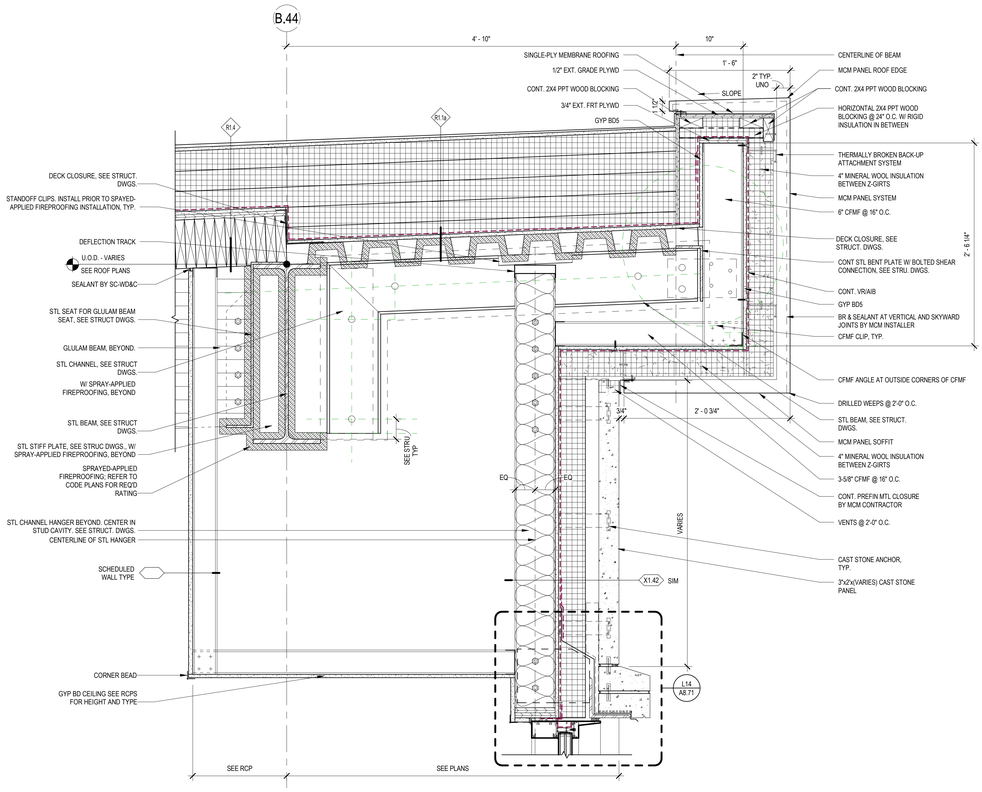
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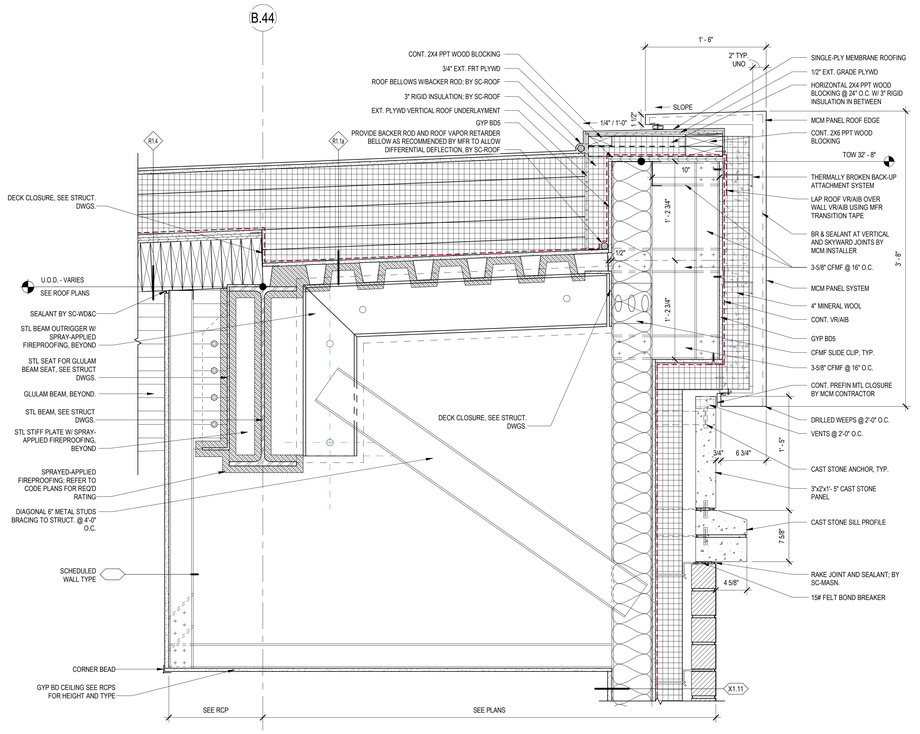
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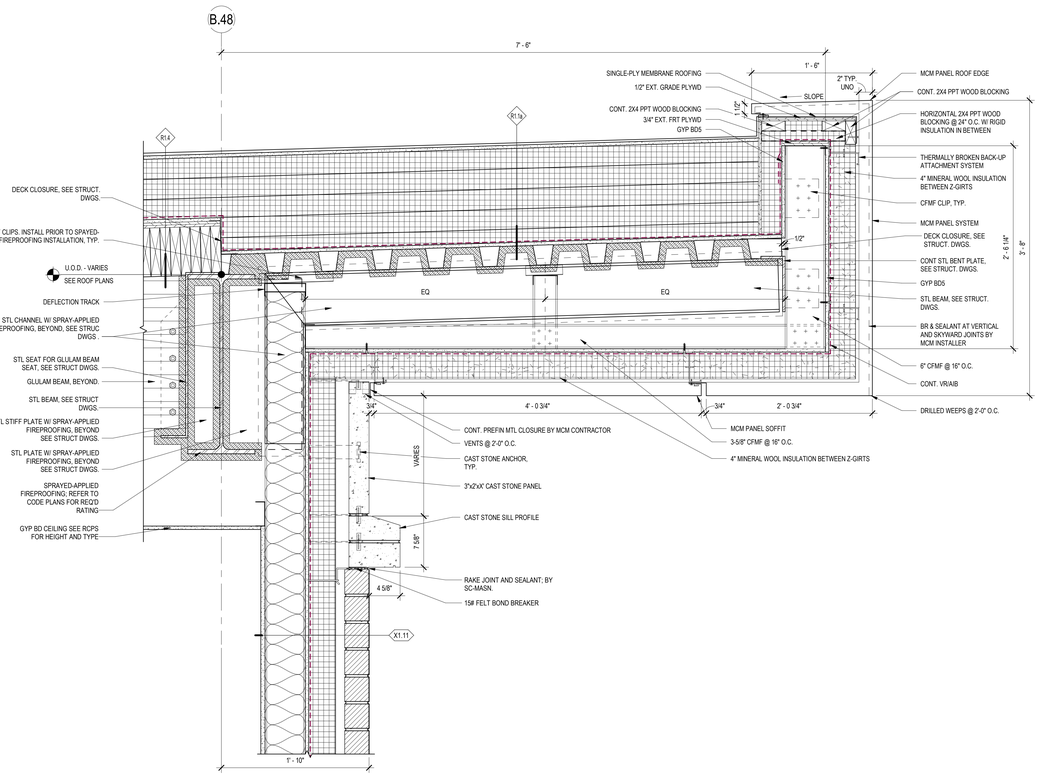
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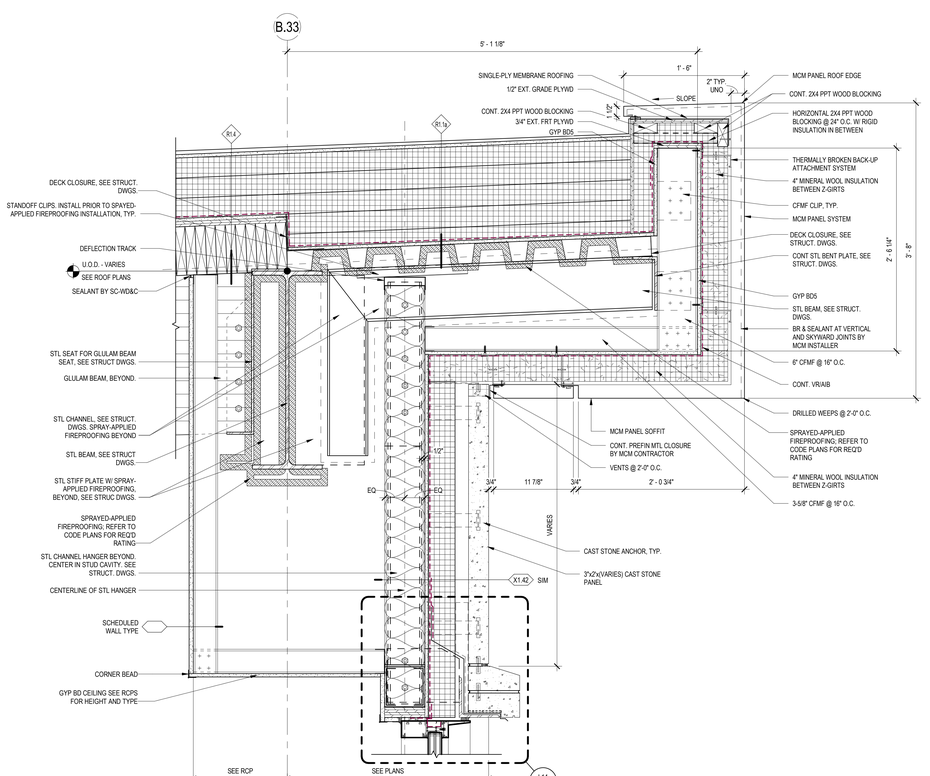


L23 TOP OF WALL DETAIL - MCM / X1.42 SIM WALL / R1.4 / R1.1a ROOF
1 1/2" = 1'-0"



A23 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.1a / R1.4 ROOF
1 1/2" = 1'-0"

L11 TOP OF WALL DETAIL - MCM / X1.11 WALL / R1.4 / R1.1a ROOF
1 1/2" = 1'-0"



A11 TOP OF WALL DETAIL - MCM / X1.42 SIM WALL / R1.4 / R1.1a ROOF
1 1/2" = 1'-0"

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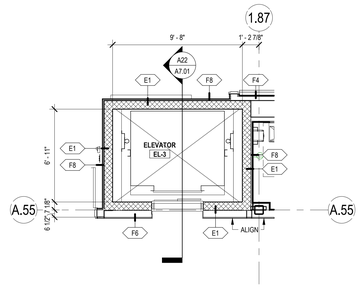
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SHEET TITLE:
TOP OF WALL DETAILS

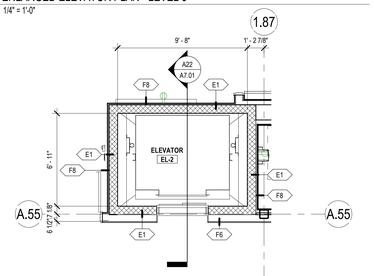
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VERTICAL CIRCULATION GENERAL NOTES

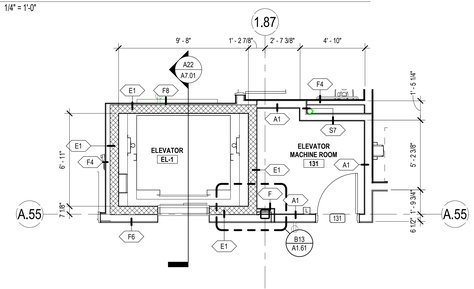
1. UNLESS SPECIFICALLY NOTED, ALL METAL WORK ON THIS STAIR AND ELEVATOR DRAWING SHALL BE PROVIDED AND INSTALLED BY THE MISC METALS CONTRACTOR.
2. ALL STAIR CONSTRUCTION SHALL BE DESIGNED BY THE INSTALLING CONTRACTOR. SUBMITTALS SHALL INCLUDE SHOP DRAWINGS AND ENGINEERING DESIGN CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF MASSACHUSETTS.
3. ALL STAIRS SHALL INCLUDE BRUSHED FINISH STAINLESS STEEL HANDRAIL GRIP SURFACES.
4. ALL CARBON STEEL COMPONENTS OF INTERIOR STAIR CONSTRUCTION SHALL BE SHOP PRIMED FOR FIELD PAINTING BY THE PAINTING SUBCONTRACTOR UNLESS INDICATED AS OTHERWISE.
5. ALL CARBON STEEL COMPONENTS OF EXTERIOR STAIRS AND HANDRAILS SHALL BE GALVANIZED STEEL AND SHOP PRIMED WITH EXTERIOR GRADE PRIMER COMPATIBLE WITH PAINT SYSTEM INDICATED IN DIVISION 9 SPECIFICATIONS, FOR FIELD PAINTING BY THE PAINTING SUBCONTRACTOR, UNLESS INDICATED AS OTHERWISE.
6. ALL CUTS THROUGH GALVANIZED METAL STAIR COMPONENTS SHALL BE TOUCHED UP WITH GALVANIZING TOUCH UP PAINT PRIOR TO APPLICATION OF PRIMER. TOUCH UP PAINTING SHALL BE PERFORMED BY THE MISCELLANEOUS METALS SUBCONTRACTOR.
7. ALL WELDS IN STAIR COMPONENTS SHALL BE GROUND SMOOTH, WHERE PARTIAL OR INTERMITTENT WELDS ARE USED, THE REMAINDER OF THE JOINT BETWEEN COMPONENTS SHALL BE FILLED WITH AUTOMOTIVE RESIN-TYPE BODY FILLER SO THAT PARTIAL LENGTH WELD LOCATIONS ARE NOT APPARENT.
8. PEASTONE CONCRETE FILL AT TREADS AND LANDINGS SHALL BE PROVIDED AND INSTALLED BY THE CONCRETE TOPPINGS CONTRACTOR.
9. WHERE MEMBER SIZES ARE INDICATED IN THE DOCUMENTS, THE DESIGN OF THE STAIRS SHALL USE THOSE SIZES OR DIMENSIONS OF STEEL MEMBERS AS MINIMUM DIMENSIONAL CRITERIA.
10. THE MISC METALS CONTRACTOR SHALL COORDINATE THE CONNECTION AND SUPPORT REQUIREMENTS OF ITEMS PROVIDED WITH THE STRUCTURAL STEEL AND MASONRY CONTRACTORS.
11. REACTIONS AT CONNECTION POINTS TO STRUCTURAL STEEL FRAMING SHALL BE COORDINATED WITH THE STRUCTURAL STEEL CONTRACTOR. THE MISC METALS CONTRACTOR SHALL PROVIDE STIFFENING PLATES, GUSSETS, AND OTHER REINFORCEMENT TO STRUCTURAL STEEL FRAMING REQUIRED TO ACCOMMODATE REACTIONS AND TRANSFER LOADS TO THE STRUCTURAL STEEL AT THE CONNECTION POINTS. ALL BEARING PLATES AND ANCHORS REQUIRED FOR INSTALLATION IN MASONRY CONSTRUCTION SHALL BE COORDINATED WITH AND PROVIDED TO THE MASONRY CONTRACTOR FOR INSTALLATION.
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    b. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST A UNIFORM LOAD OF 50 POUNDS PER LINEAR FOOT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO STRUCTURE.
    c. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THIS LOAD NEED NOT BE ASSUMED TO ACT CONCURRENTLY WITH THE 50 POUND UNIFORM LOAD LISTED ABOVE.
    d. INTERMEDIATE RAILS, BALUSTERS, AND GUARD INFILL PANELS SHALL BE DESIGNED TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 POUNDS ON AN AREA EQUAL TO 1 SQUARE FOOT OF GUARD AREA, INCLUDING OPENINGS AND SPACES BETWEEN COMPONENTS. THIS LOAD NEED NOT BE ASSUMED TO ACT CONCURRENTLY WITH THE LOADS LISTED ABOVE.
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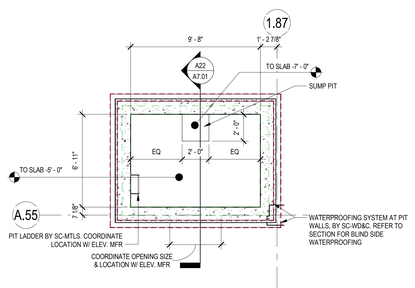
P17 ENLARGED ELEVATOR PLAN - LEVEL 3
1/4" = 1'-0"



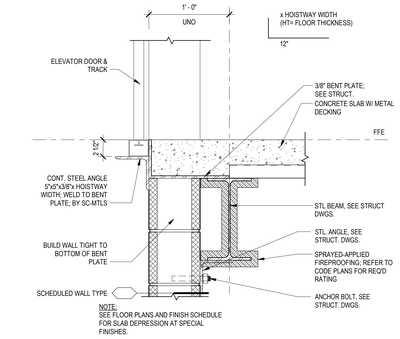
K17 ENLARGED ELEVATOR PLAN - LEVEL 2
1/4" = 1'-0"



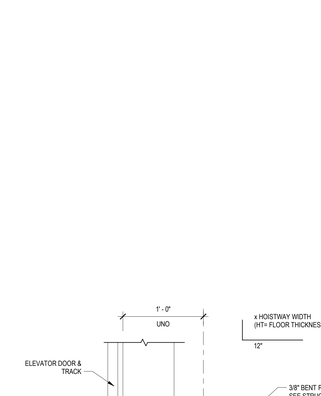
F17 ENLARGED ELEVATOR PLAN - LEVEL 1
1/4" = 1'-0"



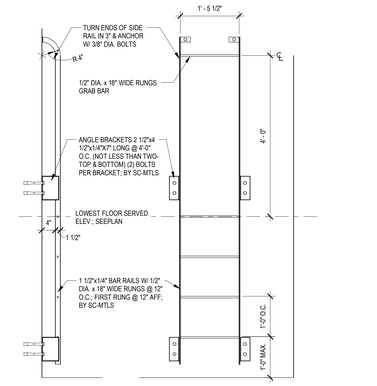
A17 ENLARGED ELEVATOR PLAN - PIT
1/4" = 1'-0"



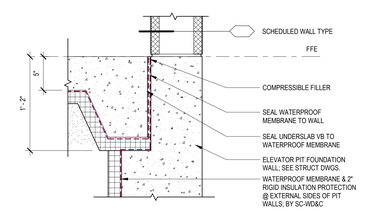
K10 TYPICAL ELEVATOR DOOR SILL @ ELEVATED SLAB
1 1/2" = 1'-0"



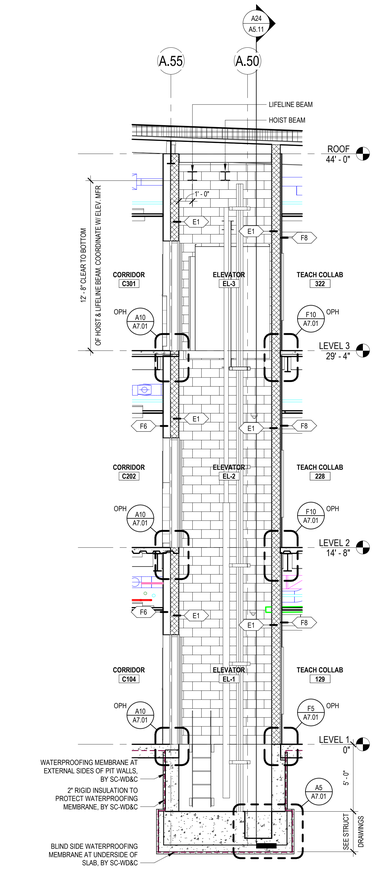
F10 TYPICAL ELEVATOR HOISTWAY @ ELEVATED SLAB
1 1/2" = 1'-0"



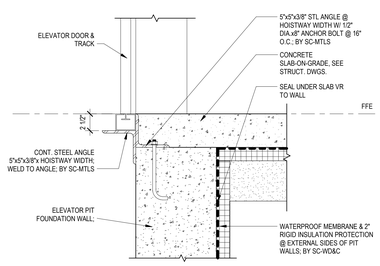
K6 TYPICAL ELEVATOR PIT ACCESS LADDER
3/4" = 1'-0"



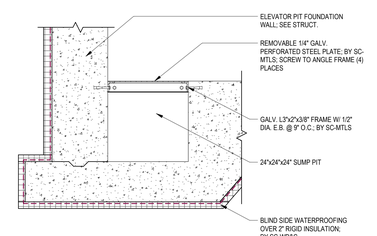
F5 TYP ELEVATOR WALL @ SLAB ON GRADE
1 1/2" = 1'-0"



A22 ENLARGED SECTION - ELEVATOR EL-1
1/4" = 1'-0"



A10 TYPICAL ELEVATOR DOOR SILL @ SLAB ON GRADE
1 1/2" = 1'-0"



A5 TYPICAL ELEVATOR SUMP PIT & COVER
3/4" = 1'-0"

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF EARLY RELEASE PACKAGE 2

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KEY PLAN

ORIENTATION AND SCALE:

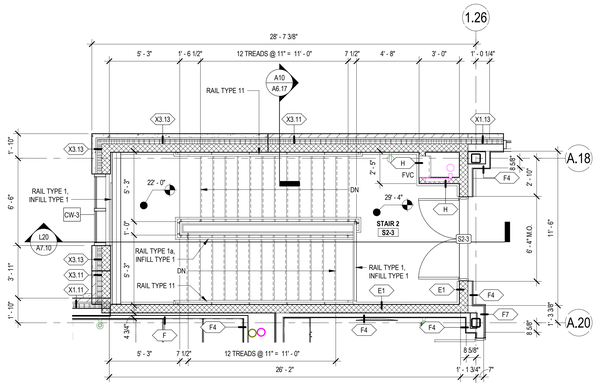
N TRUE NORTH
PROJECT NORTH
0 2' 4' 8'
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
ELEVATOR PLANS, SECTIONS, AND DETAILS

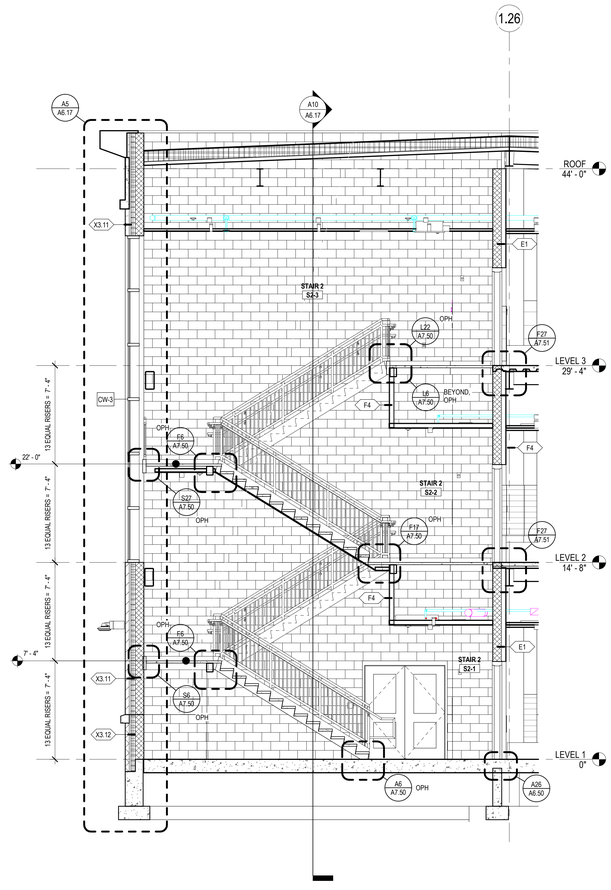
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VERTICAL CIRCULATION GENERAL NOTES

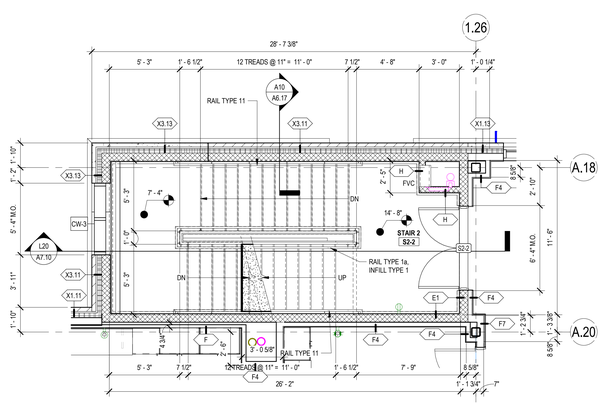
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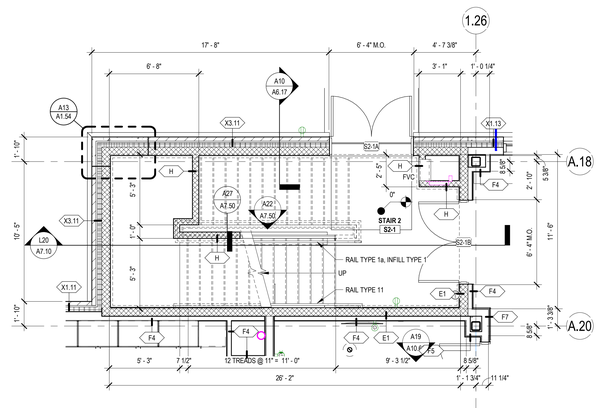
A24 ENLARGED PLAN - STAIR 1 S1-3 - LEVEL 3
1/4" = 1'-0"



L20 ENLARGED SECTION - STAIR 1
1/4" = 1'-0"



A16 ENLARGED PLAN - STAIR 1 S1-2 - LEVEL 2
1/4" = 1'-0"



A8 ENLARGED PLAN - STAIR 1 S1-1 - LEVEL 1
1/4" = 1'-0"

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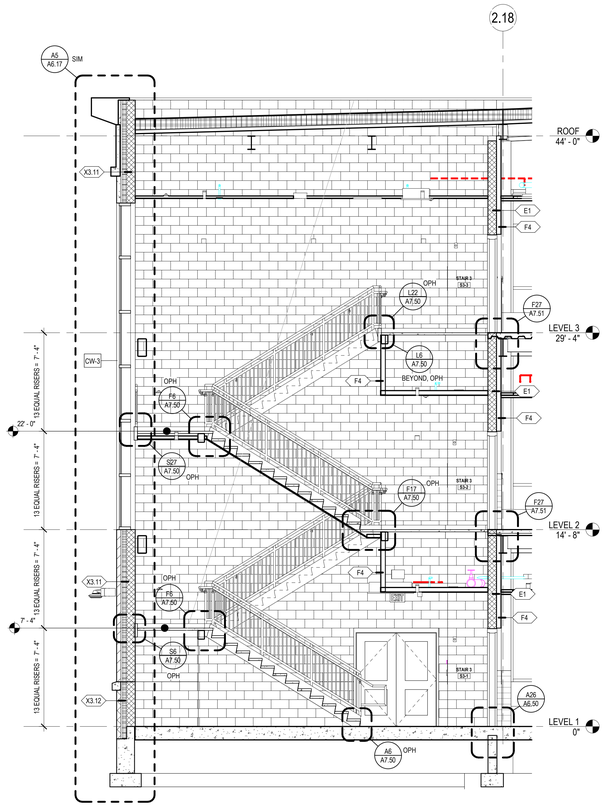
KEY PLAN

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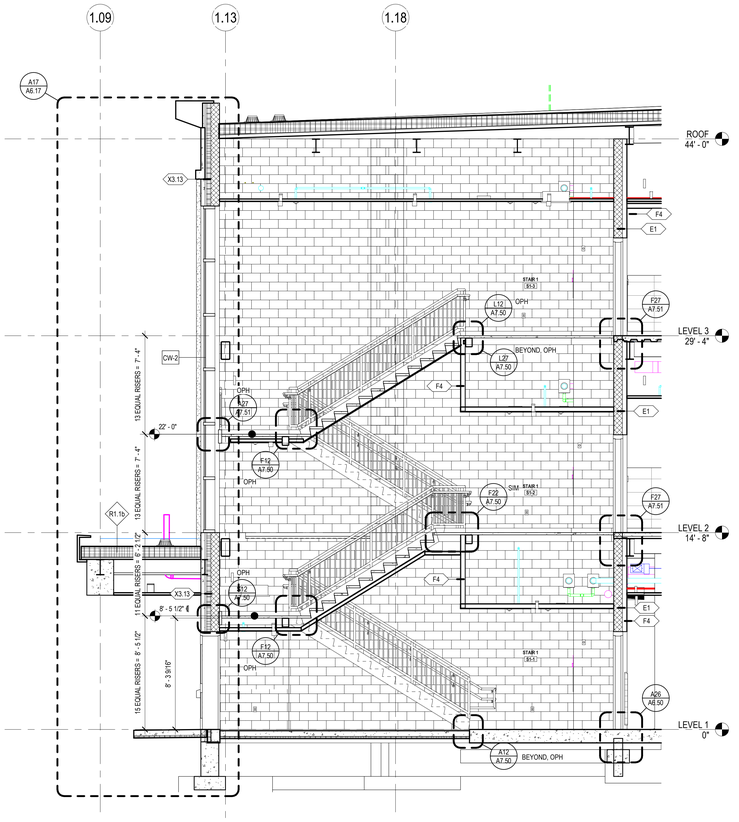
N TRUE NORTH
PROJECT NORTH
0 2" 4" 8"
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
STAIR PLANS AND SECTIONS

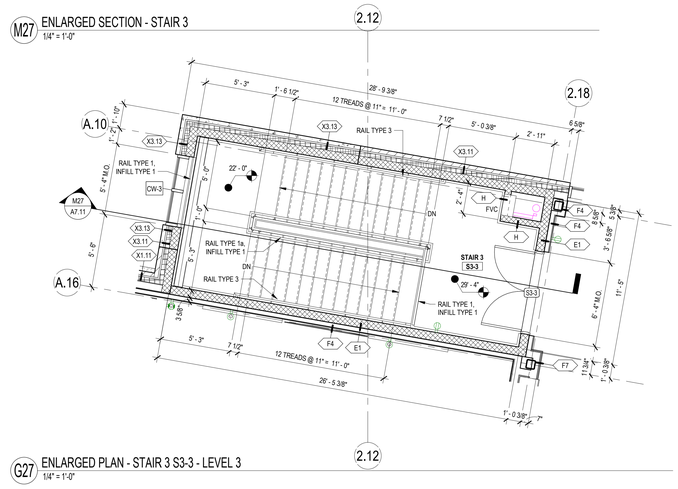
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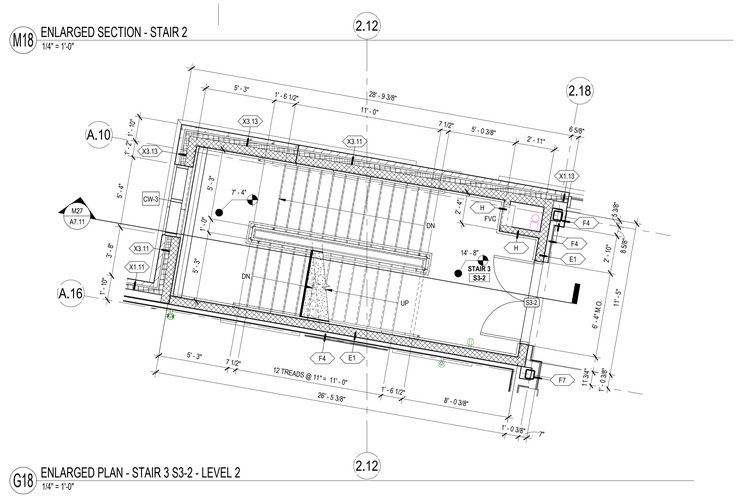
M27 ENLARGED SECTION - STAIR 3
1/4" = 1'-0"



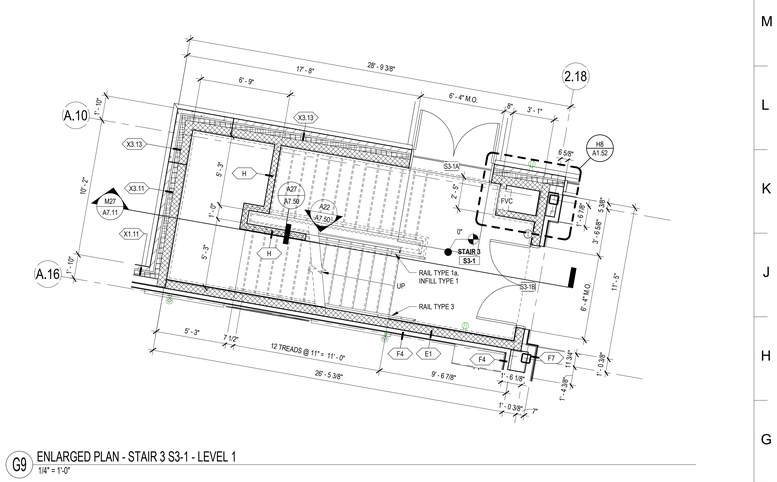
M18 ENLARGED SECTION - STAIR 2
1/4" = 1'-0"



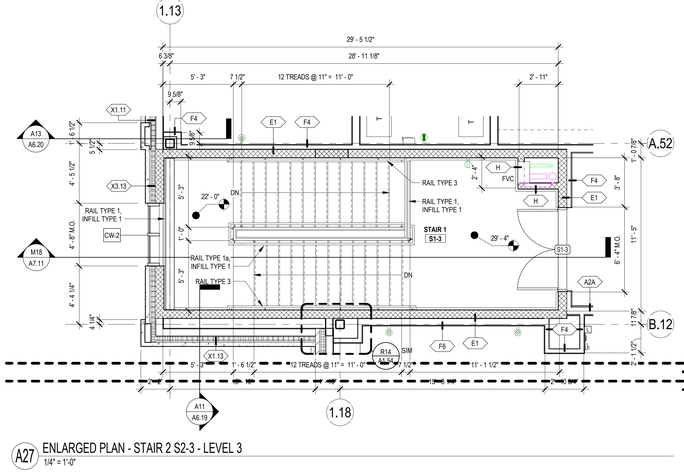
G27 ENLARGED PLAN - STAIR 3 S3-3 - LEVEL 3
1/4" = 1'-0"



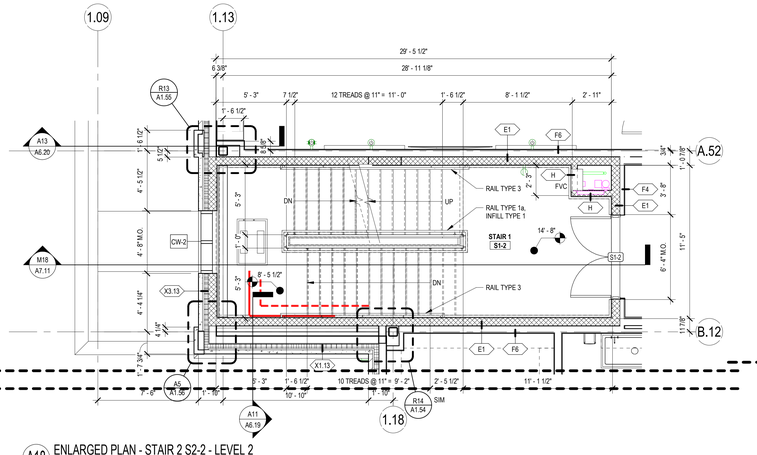
G18 ENLARGED PLAN - STAIR 3 S3-2 - LEVEL 2
1/4" = 1'-0"



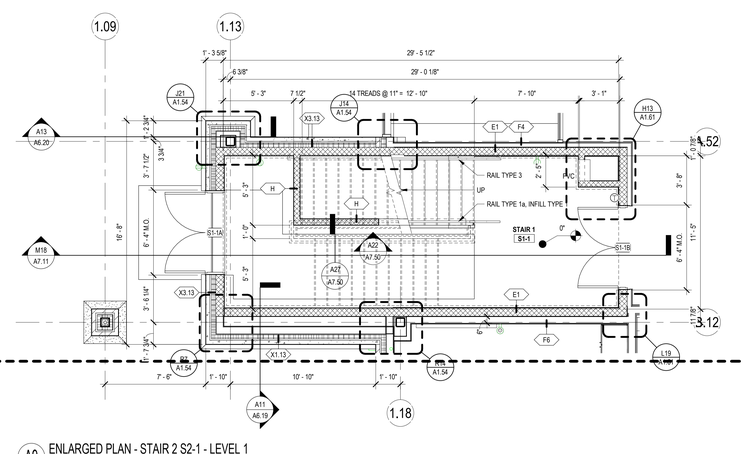
G9 ENLARGED PLAN - STAIR 3 S3-1 - LEVEL 1
1/4" = 1'-0"



G27 ENLARGED PLAN - STAIR 2 S2-3 - LEVEL 3
1/4" = 1'-0"



G18 ENLARGED PLAN - STAIR 2 S2-2 - LEVEL 2
1/4" = 1'-0"



G9 ENLARGED PLAN - STAIR 2 S2-1 - LEVEL 1
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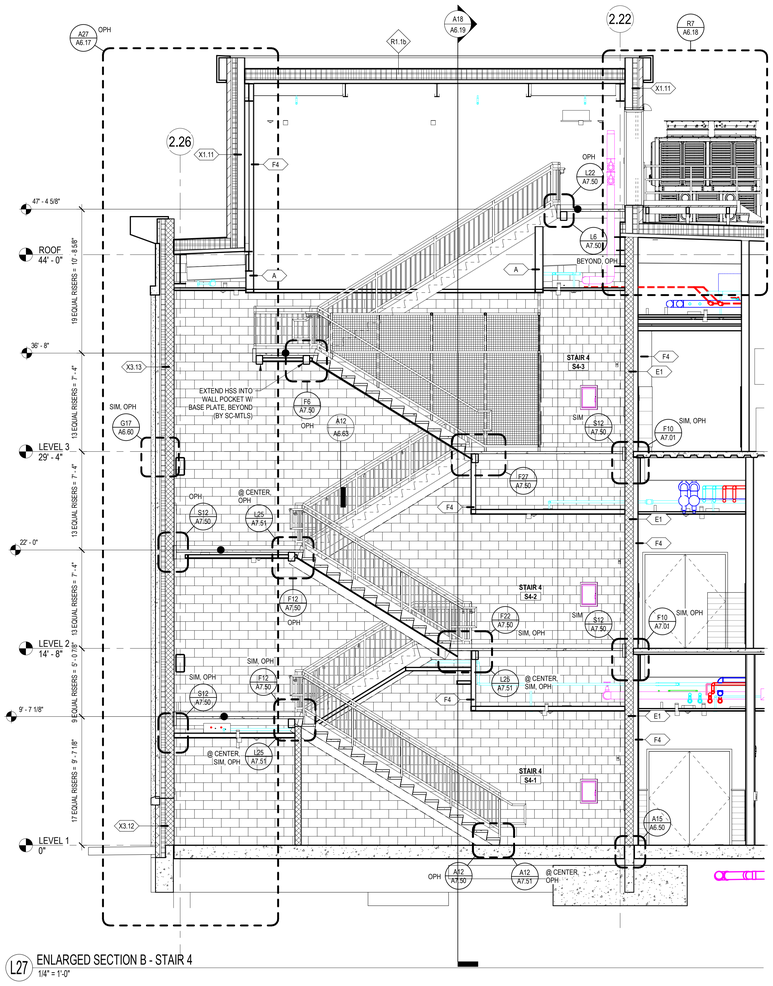
KEY PLAN

ORIENTATION AND SCALE:

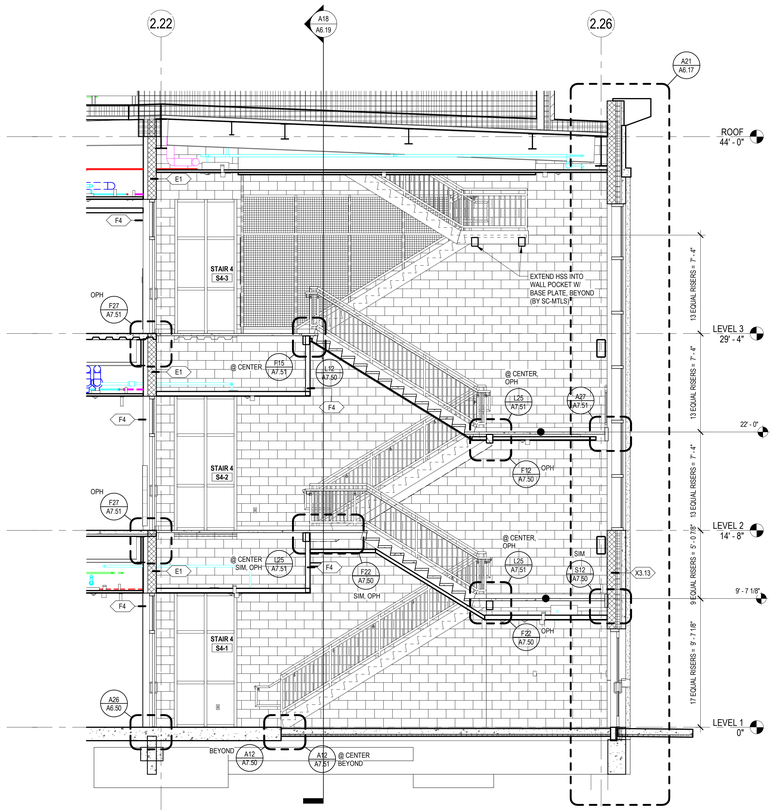
N TRUE NORTH
PROJECT NORTH
0 2' 4' 8'
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
STAIR PLANS AND SECTIONS

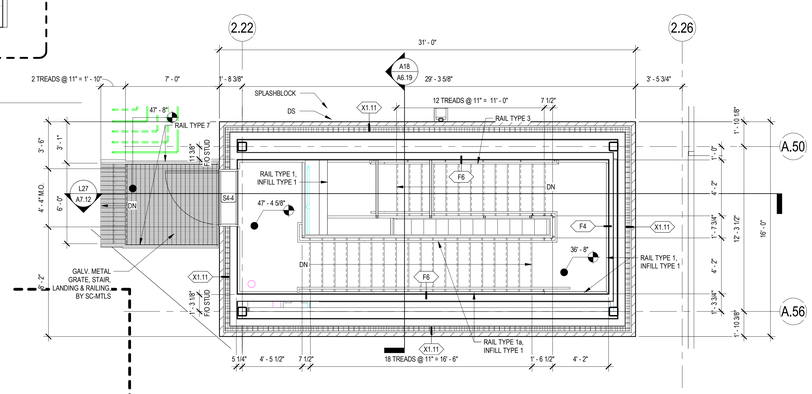
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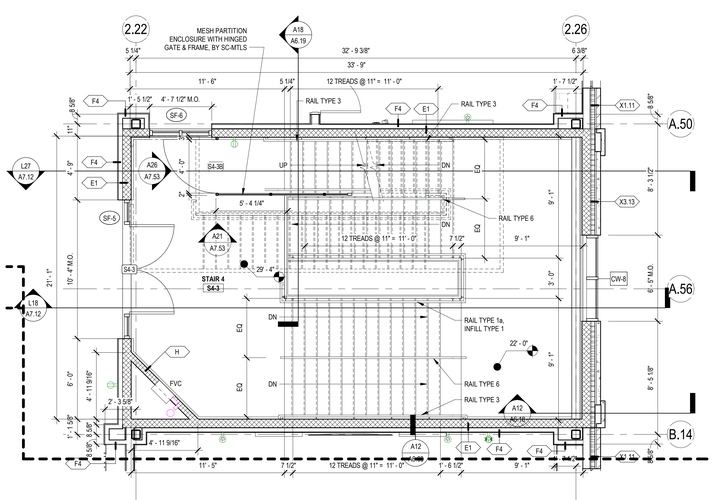
L27 ENLARGED SECTION B - STAIR 4
1/4" = 1'-0"



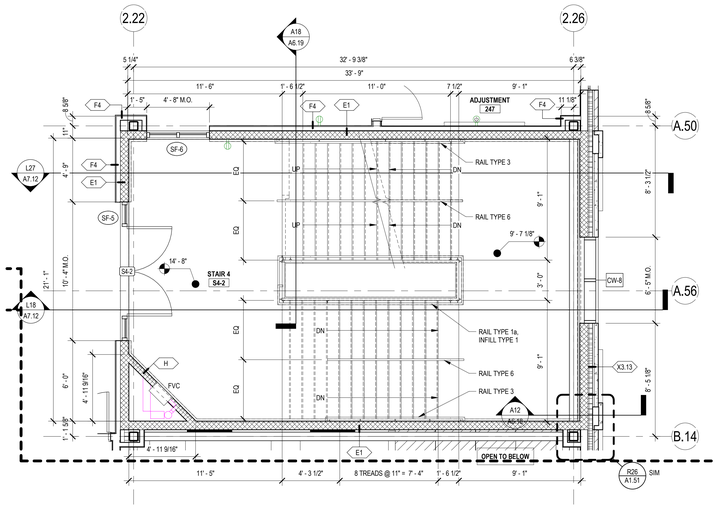
L18 ENLARGED SECTION A - STAIR 4
1/4" = 1'-0"



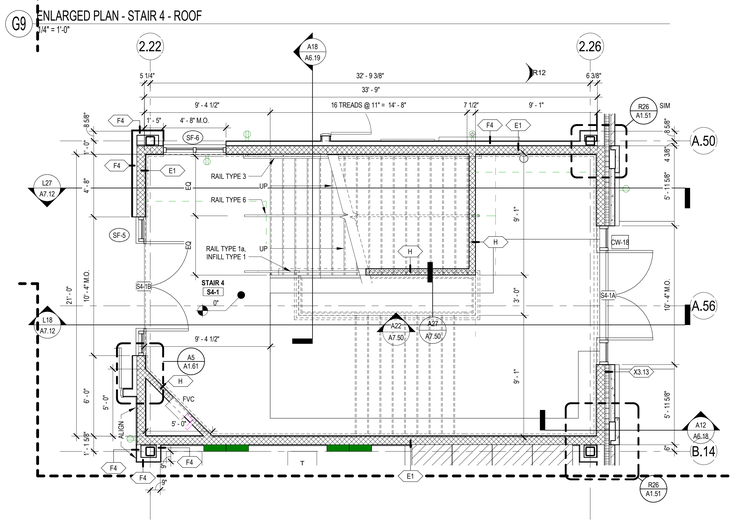
G9 ENLARGED PLAN - STAIR 4 - ROOF
1/4" = 1'-0"



A27 ENLARGED PLAN - STAIR 4 S4-3 - LEVEL 3
1/4" = 1'-0"



A18 ENLARGED PLAN - STAIR 4 S4-2 - LEVEL 2
1/4" = 1'-0"



A9 ENLARGED PLAN - STAIR 4 S4-1 - LEVEL 1
1/4" = 1'-0"

VERTICAL CIRCULATION GENERAL NOTES

1. UNLESS SPECIFICALLY NOTED, ALL METAL WORK ON THIS STAIR AND ELEVATOR DRAWING SHALL BE PROVIDED AND INSTALLED BY THE MISC METALS CONTRACTOR.
2. ALL STAIR CONSTRUCTION SHALL BE DESIGNED BY THE INSTALLING CONTRACTOR. SUBMITTALS SHALL INCLUDE SHOP DRAWINGS AND ENGINEERING DESIGN CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF MASSACHUSETTS.
3. ALL STAIRS SHALL INCLUDE BRUSHED FINISH STAINLESS STEEL HANDRAIL GRIP SURFACES.
4. ALL CARBON STEEL COMPONENTS OF INTERIOR STAIR CONSTRUCTION SHALL BE SHOP PRIMED FOR FIELD PAINTING BY THE PAINTING SUBCONTRACTOR UNLESS INDICATED AS OTHERWISE.
5. ALL CARBON STEEL COMPONENTS OF EXTERIOR STAIRS AND HANDRAILS SHALL BE GALVANIZED STEEL AND SHOP PRIMED WITH EXTERIOR GRADE PRIMER COMPATIBLE WITH PAINT SYSTEM INDICATED IN DIVISION 9 SPECIFICATIONS, FOR FIELD PAINTING BY THE PAINTING SUBCONTRACTOR, UNLESS INDICATED AS OTHERWISE.
6. ALL CUTS THROUGH GALVANIZED METAL STAIR COMPONENTS SHALL BE TOUCHED UP WITH GALVANIZING TOUCH UP PAINT PRIOR TO APPLICATION OF PRIMER. TOUCH UP PAINTING SHALL BE PERFORMED BY THE MISCELLANEOUS METALS SUBCONTRACTOR.
7. ALL WELDS IN STAIR COMPONENTS SHALL BE GROUND SMOOTH, WHERE PARTIAL OR INTERMITTENT WELDS ARE USED, THE REMAINDER OF THE JOINT BETWEEN COMPONENTS SHALL BE FILLED WITH AUTOMOTIVE RESIN-TYPE BODY FILLER SO THAT PARTIAL LENGTH WELD LOCATIONS ARE NOT APPARENT.
8. PEASTONE CONCRETE FILL AT TREADS AND LANDINGS SHALL BE PROVIDED AND INSTALLED BY THE CONCRETE TOPPINGS CONTRACTOR.
9. WHERE MEMBER SIZES ARE INDICATED IN THE DOCUMENTS, THE DESIGN OF THE STAIRS SHALL USE THOSE SIZES OR DIMENSIONS OF STEEL MEMBERS AS MINIMUM DIMENSIONAL CRITERIA.
10. THE MISC METALS CONTRACTOR SHALL COORDINATE THE CONNECTION AND SUPPORT REQUIREMENTS OF ITEMS PROVIDED WITH THE STRUCTURAL STEEL AND MASONRY CONTRACTORS.
11. REACTIONS AT CONNECTION POINTS TO STRUCTURAL STEEL FRAMING SHALL BE COORDINATED WITH THE STRUCTURAL STEEL CONTRACTOR. THE MISC METALS CONTRACTOR SHALL PROVIDE STIFFENING PLATES, GUSSETS, AND OTHER REINFORCEMENT TO STRUCTURAL STEEL FRAMING REQUIRED TO ACCOMMODATE REACTIONS AND TRANSFER LOADS TO THE STRUCTURAL STEEL AT THE CONNECTION POINTS. ALL BEARING PLATES AND ANCHORS REQUIRED FOR INSTALLATION IN MASONRY CONSTRUCTION SHALL BE COORDINATED WITH AND PROVIDED TO THE MASONRY CONTRACTOR FOR INSTALLATION.
12. STAIRS SHALL BE DESIGNED TO RESIST THE FOLLOWING LOADS AS REQUIRED BY THE STATE BUILDING CODE:
    a. ALL STAIRS SHALL BE DESIGNED TO SUPPORT A UNIFORM LIVE LOAD OF 100 POUNDS PER SQUARE FOOT ON LANDINGS AND TREADS.
    b. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST A UNIFORM LOAD OF 50 POUNDS PER LINEAR FOOT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO STRUCTURE.
    c. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THIS LOAD NEED NOT BE ASSUMED TO ACT CONCURRENTLY WITH THE 50 POUND UNIFORM LOAD LISTED ABOVE.
    d. INTERMEDIATE RAILS, BALUSTERS, AND GUARD INFILL PANELS SHALL BE DESIGNED TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 POUNDS ON AN AREA EQUAL TO 1 SQUARE FOOT OF GUARD AREA, INCLUDING OPENINGS AND SPACES BETWEEN COMPONENTS. THIS LOAD NEED NOT BE ASSUMED TO ACT CONCURRENTLY WITH THE LOADS LISTED ABOVE.
13. REQUIREMENTS FOR ELEVATOR PIT LADDERS AND ELEVATOR DOOR SILL SUPPORTS SHALL BE COORDINATED BY THE MISC METALS CONTRACTOR WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS. THE COMPONENTS PROVIDED SHALL MEET THE ELEVATOR MANUFACTURER'S REQUIREMENTS WHETHER OR NOT IN AGREEMENT WITH THE DETAILS PROVIDED.

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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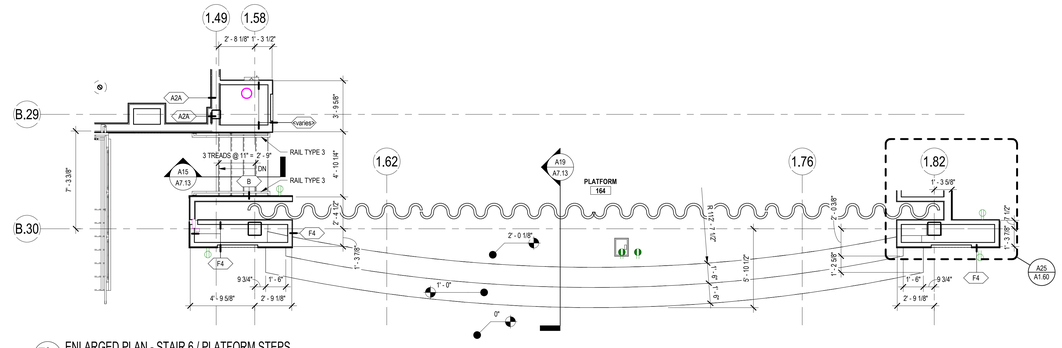
KEY PLAN

ORIENTATION AND SCALE:

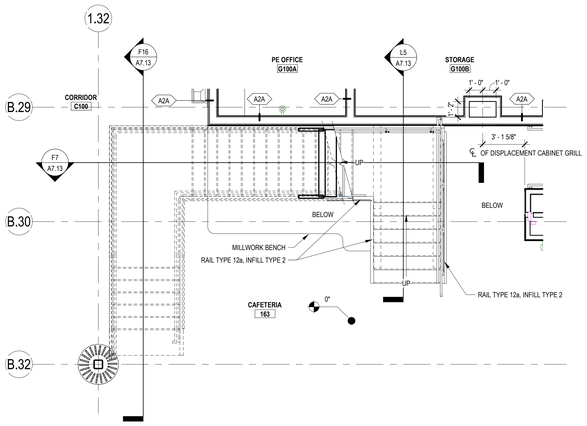
PROJECT NORTH
TRUE NORTH
SCALE: 1/4"=1'-0"
GRAPHIC SCALE

SHEET TITLE:
STAIR PLANS AND SECTIONS

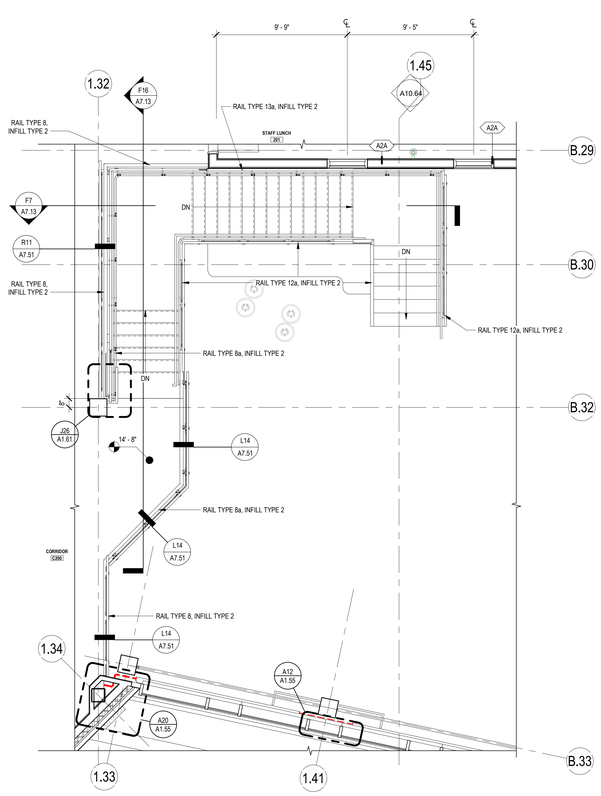
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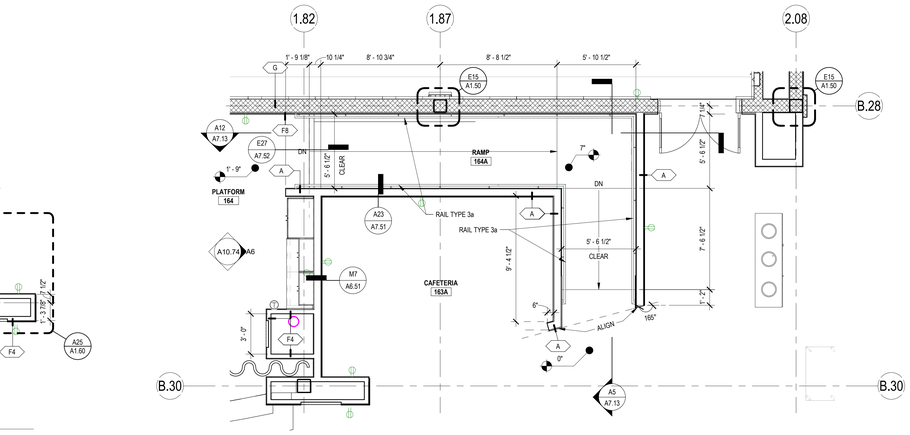
T27 ENLARGED PLAN - STAIR 6 / PLATFORM STEPS
1/4" = 1'-0"



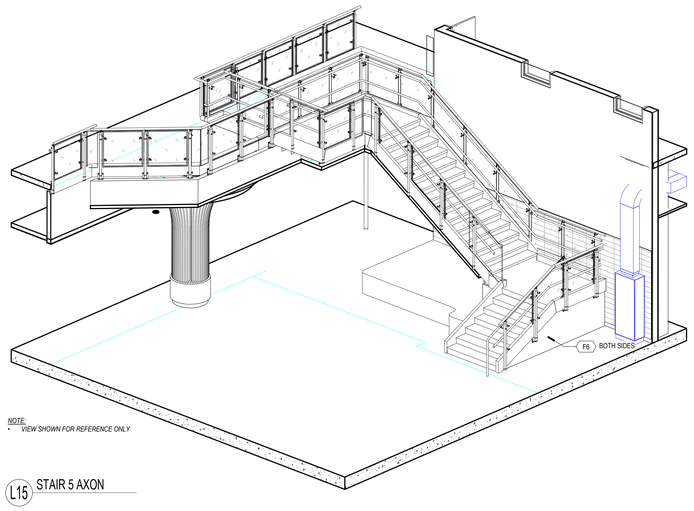
M27 ENLARGED PLAN - STAIR 5 S5-1 - LEVEL 1
1/4" = 1'-0"



A27 ENLARGED PLAN - STAIR 5 S5-2 - LEVEL 2
1/4" = 1'-0"

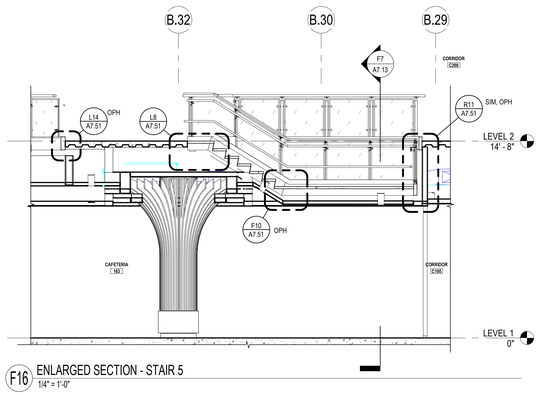


R14 ENLARGED PLAN - STAGE
1/4" = 1'-0"

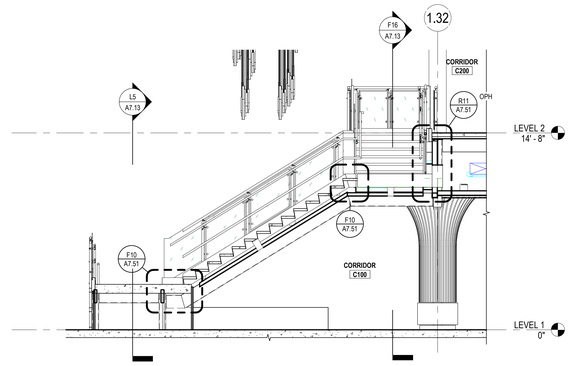


NOTE:
- VIEW SHOWN FOR REFERENCE ONLY

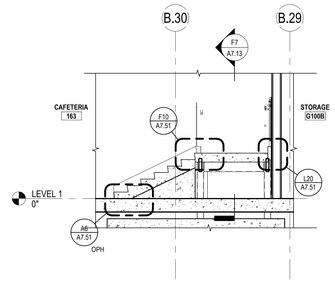
L15 STAIR 5 AXON



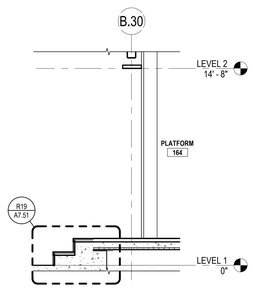
F16 ENLARGED SECTION - STAIR 5
1/4" = 1'-0"



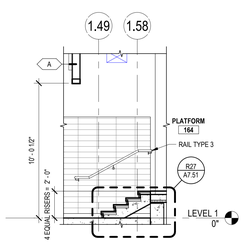
F7 ENLARGED SECTION - STAIR 5
1/4" = 1'-0"



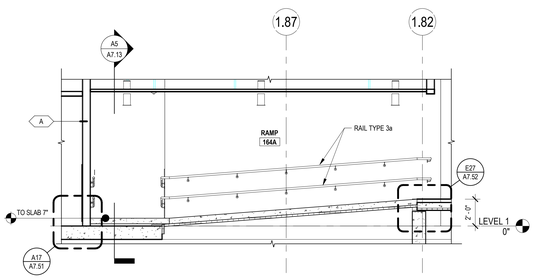
L5 ENLARGED SECTION - STAIR 5
1/4" = 1'-0"



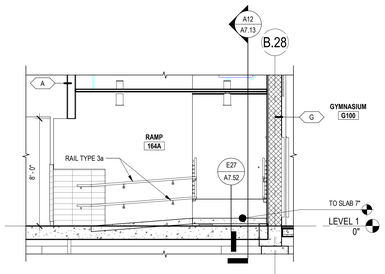
A19 ENLARGED SECTION - PLATFORM STEPS
1/4" = 1'-0"



A15 ENLARGED SECTION - STAIR 6
1/4" = 1'-0"



A12 ENLARGED SECTION B - STAGE RAMP
1/4" = 1'-0"



A5 ENLARGED SECTION A - STAGE RAMP
1/4" = 1'-0"

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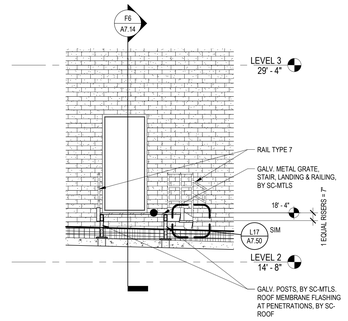
PROJECT NORTH
TRUE NORTH
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
STAIR PLANS AND SECTIONS

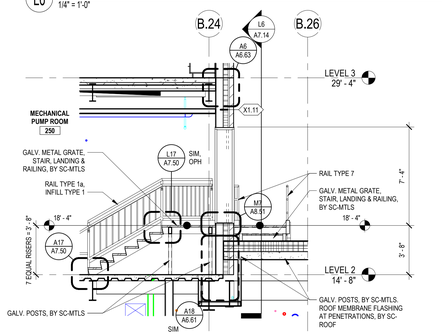
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VERTICAL CIRCULATION GENERAL NOTES

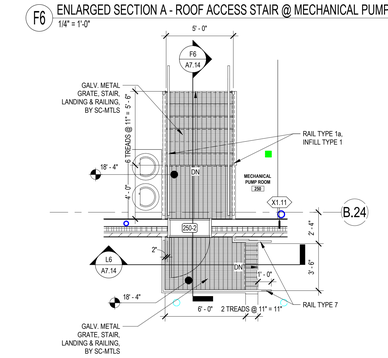
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L6 ENLARGED SECTION B - ROOF ACCESS STAIR @ MECHANICAL PUMP ROOM
1/4" = 1'-0"



F6 ENLARGED SECTION A - ROOF ACCESS STAIR @ MECHANICAL PUMP ROOM
1/4" = 1'-0"



A5 ENLARGED PLAN - ROOF ACCESS STAIR @ MECHANICAL PUMP ROOM - LEVEL 2
1/4" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

N TRUE NORTH
0 2" 4" 8"
SCALE: 1/4"=1'-0" GRAPHIC SCALE

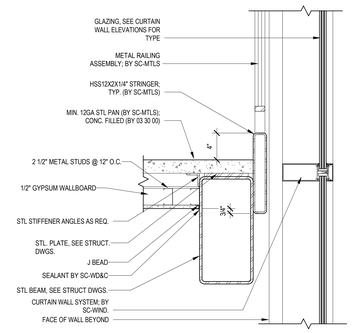
PROJECT NORTH

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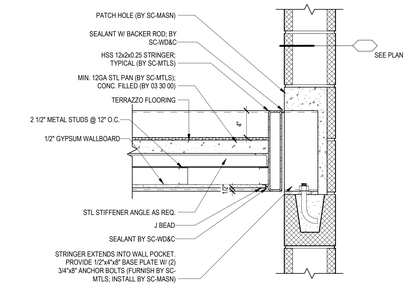
STAIR PLANS AND SECTIONS

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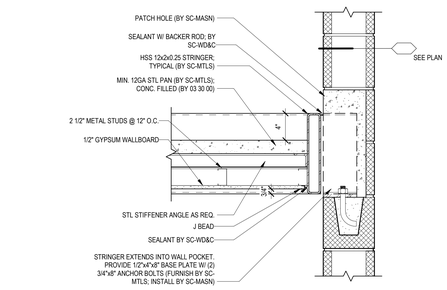
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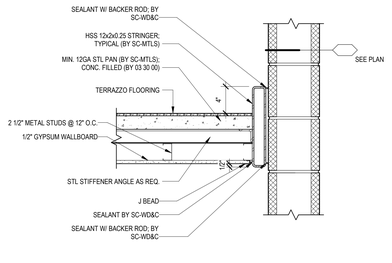
S27 SECTION DETAIL -TYPICAL STAIR LANDING @ CW
1 1/2" = 1'-0"



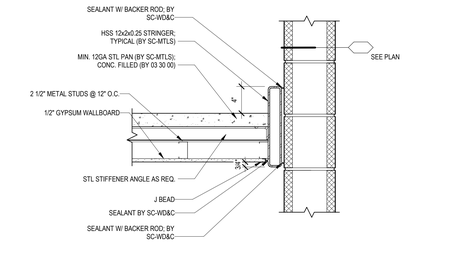
S22 SECTION DETAIL - STAIR 2 & 4 LANDING @ WALL
1 1/2" = 1'-0"



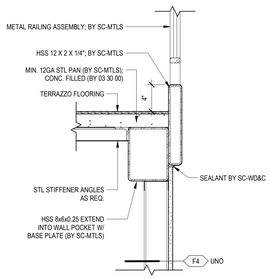
S17 SECTION DETAIL - TYPICAL STAIR LANDING @ WALL
1 1/2" = 1'-0"

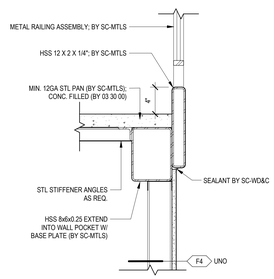


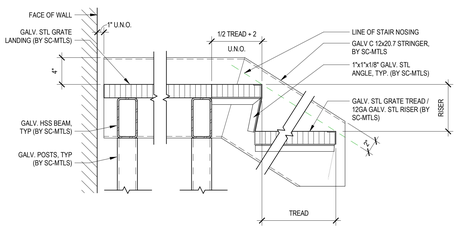
S12 SECTION DETAIL - STAIR 2 & 4 STAIR STRINGER @ WALL
1 1/2" = 1'-0"

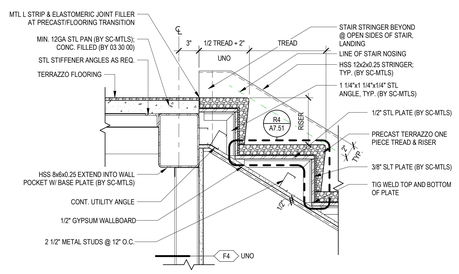


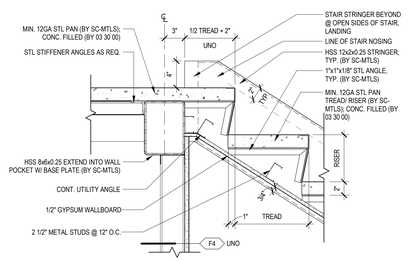
S6 SECTION DETAIL - TYPICAL STAIR STRINGER @ WALL
1 1/2" = 1'-0"





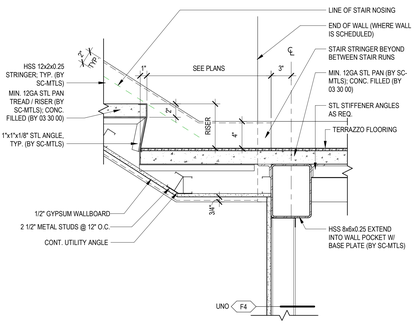




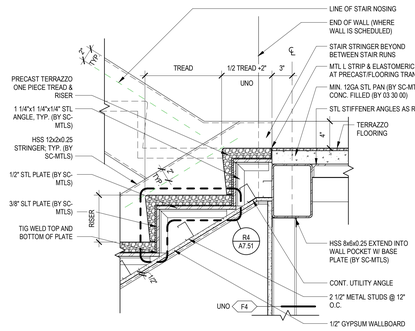


F6 SECTION DETAIL - TYPICAL STAIR CONSTRUCTION @ INTERMEDIATE LANDING
1 1/2" = 1'-0"

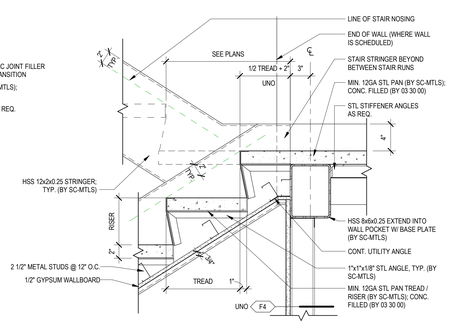
L27 SECTION DETAIL - STAIR 2 & 4 SLAB EDGE / GUARDRAIL @ NON-STRUCTURAL FLOOR OPENING
1 1/2" = 1'-0"



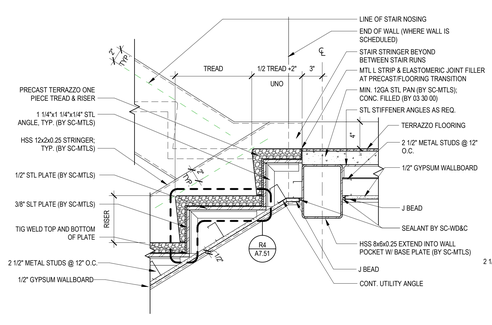
L22 SECTION DETAIL - TYPICAL SLAB EDGE / GUARDRAIL @ NON-STRUCTURAL FLOOR OPENING
1 1/2" = 1'-0"



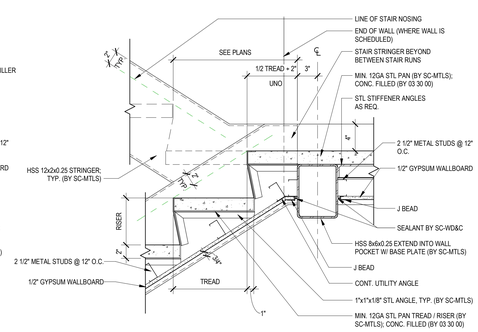
L17 SECTION DETAIL - METAL GRATE STAIR CONSTRUCTION @ ROOF ACCESS
1 1/2" = 1'-0"



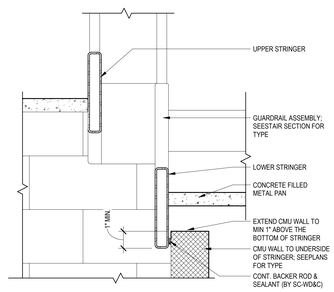
L12 SECTION DETAIL - STAIR 2 & 4 CONSTRUCTION @ NON-STRUCTURAL LANDING
1 1/2" = 1'-0"



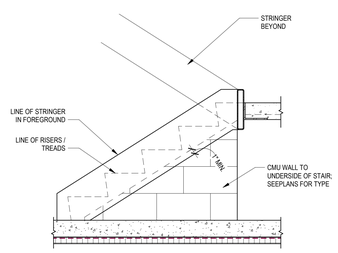
L6 SECTION DETAIL - TYPICAL STAIR CONSTRUCTION @ NON-STRUCTURAL LANDING
1 1/2" = 1'-0"



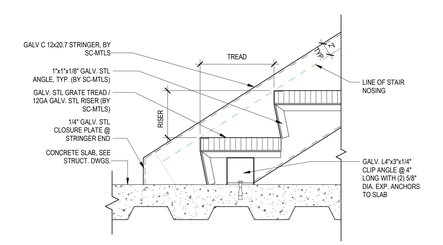
F27 SECTION DETAIL - STAIR 4 CONSTRUCTION @ FLOOR LEVEL LANDING
1 1/2" = 1'-0"



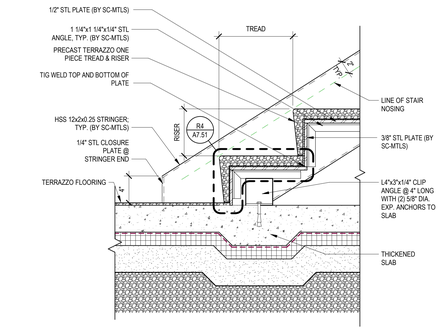
F22 SECTION DETAIL - STAIR 2 & 4 CONSTRUCTION @ FLOOR LEVEL LANDING
1 1/2" = 1'-0"

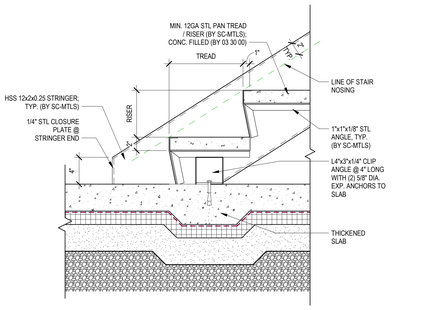


F17 SECTION DETAIL - TYPICAL STAIR CONSTRUCTION @ FLOOR LEVEL LANDING
1 1/2" = 1'-0"



F12 SECTION DETAIL - STAIR 2 & 4 CONSTRUCTION @ INTERMEDIATE LANDING
1 1/2" = 1'-0"





F6 SECTION DETAIL - TYPICAL STAIR CONSTRUCTION @ INTERMEDIATE LANDING
1 1/2" = 1'-0"

A27 SECTION DETAIL - SLOPED MASONRY INFILL WALL
1 1/2" = 1'-0"

A22 ELEVATION - SLOPED MASONRY INFILL WALL
3/4" = 1'-0"

A17 SECTION DETAIL - METAL GRATE STAIR ANCHORAGE @ ELEVATED SLAB
1 1/2" = 1'-0"

A12 SECTION DETAIL - STAIR 2 & 4 ANCHORAGE @ SLAB ON GRADE
1 1/2" = 1'-0"

A6 SECTION DETAIL - TYPICAL STAIR ANCHORAGE @ SLAB ON GRADE
1 1/2" = 1'-0"

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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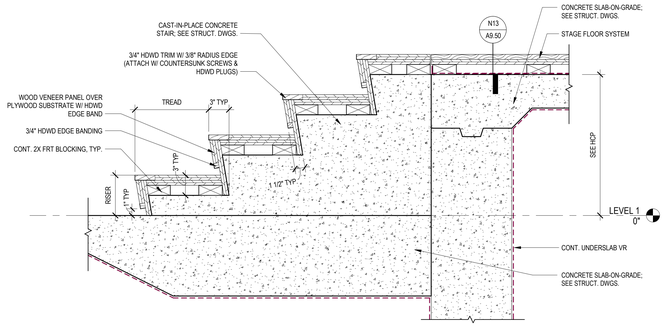
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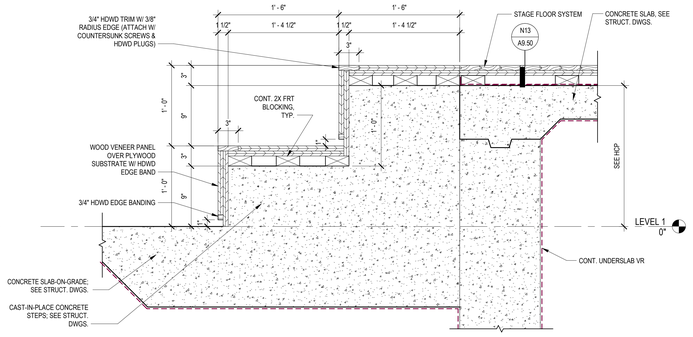
STAIR DETAILS

SHEET NUMBER:

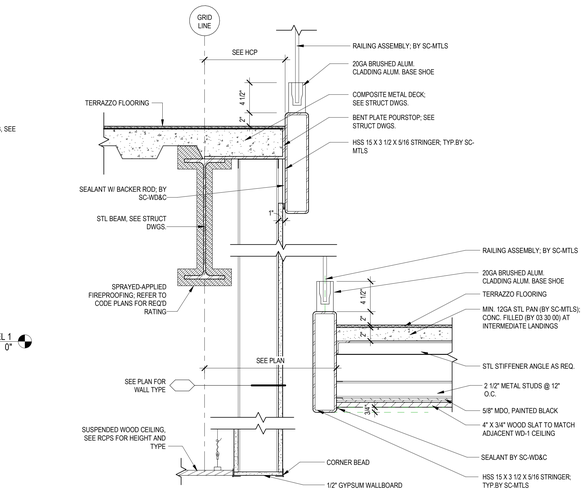
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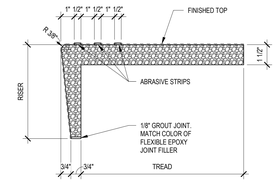
R27 SECTION DETAIL - C.I.P. CONCRETE / WOOD STAIR @ BOTTOM LANDING
1 1/2" = 1'-0"



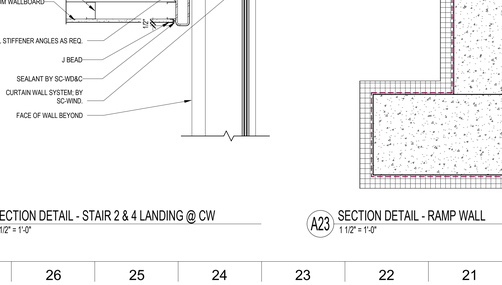
R19 SECTION DETAIL - C.I.P. CONCRETE / WOOD STAGE STEPS @ SLAB ON GRADE
1 1/2" = 1'-0"



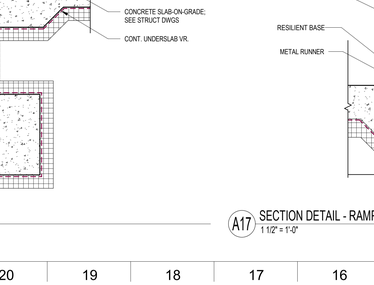
R11 SECTION DETAIL - STAIR 5 SLAB EDGE / GUARDRAIL @ FLOOR OPENING AND STAIR RUN/LANDING
1 1/2" = 1'-0"



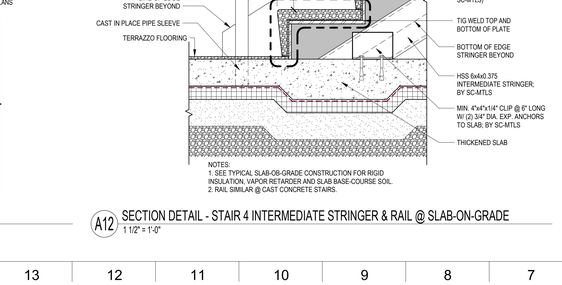
R4 PRECAST TERRAZZO ONE PIECE TREAD & RISER PROFILE
3" = 1'-0"



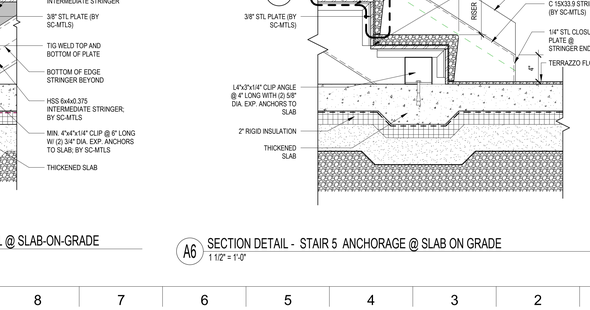
SECTION DETAIL - STAIR 4 INTERMEDIATE STRINGER @ INTERMEDIATE LANDING (FLOOR LEVEL LANDING SIM)
L25 1 1/2" = 1'-0"



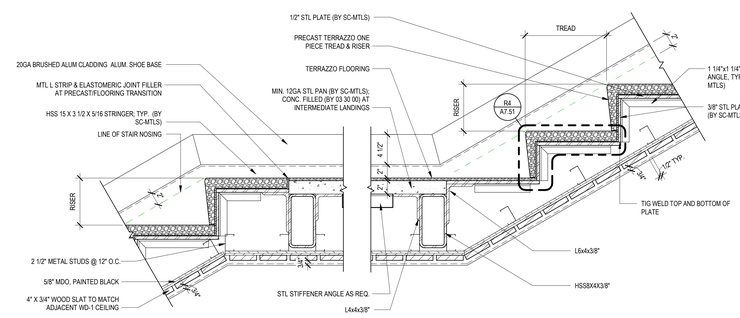
SECTION DETAIL - STAIR 4 INTERMEDIATE STRINGER @ NON-STRUCTURAL LANDING
F15 1 1/2" = 1'-0"



L14 SECTION DETAIL - STAIR 5 SLAB EDGE / GUARDRAIL @ FLOOR OPENING
1 1/2" = 1'-0"



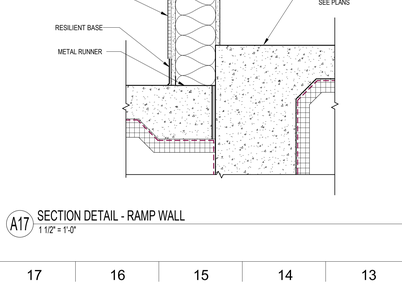
L8 SECTION DETAIL - STAIR 5 CONSTRUCTION @ UPPER LANDING
1 1/2" = 1'-0"



F27 SECTION DETAIL - ELEVATED SLAB / LANDING @ DOOR OPENING
1 1/2" = 1'-0"

SECTION DETAIL - STAIR 4 INTERMEDIATE STRINGER @ INTERMEDIATE LANDING
F21 1 1/2" = 1'-0"

SECTION DETAIL - RAMP WALL
A23 1 1/2" = 1'-0"



SECTION DETAIL - RAMP WALL
A17 1 1/2" = 1'-0"

SECTION DETAIL - STAIR 4 INTERMEDIATE STRINGER & RAIL @ SLAB-ON-GRADE
A12 1 1/2" = 1'-0"

A6 SECTION DETAIL - STAIR 5 ANCHORAGE @ SLAB ON GRADE
1 1/2" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

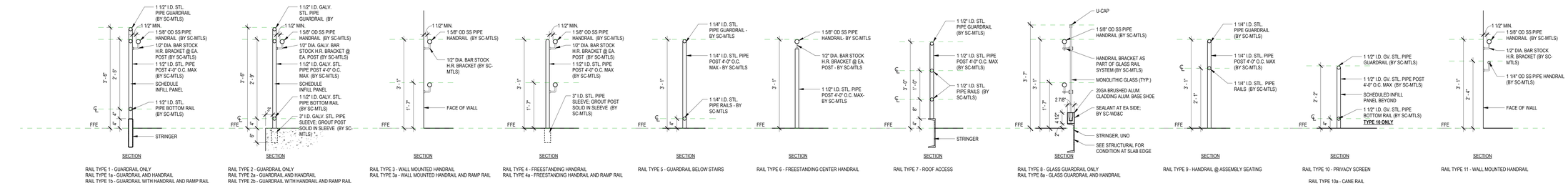
SCALE: AS INDICATED

SHEET TITLE:

STAIR AND RAMP DETAILS

SHEET NUMBER:

A7.51



RAIL TYPE 1 - GUARDRAIL ONLY
RAIL TYPE 1a - GUARDRAIL AND HANDRAIL
RAIL TYPE 1b - GUARDRAIL WITH HANDRAIL AND RAMP RAIL

RAIL TYPE 2 - GUARDRAIL ONLY
RAIL TYPE 2a - GUARDRAIL AND HANDRAIL
RAIL TYPE 2b - GUARDRAIL WITH HANDRAIL AND RAMP RAIL

RAIL TYPE 3 - WALL MOUNTED HANDRAIL
RAIL TYPE 3a - WALL MOUNTED HANDRAIL AND RAMP RAIL

RAIL TYPE 4 - FREESTANDING HANDRAIL
RAIL TYPE 4a - FREESTANDING HANDRAIL AND RAMP RAIL

RAIL TYPE 5 - GUARDRAIL BELOW STAIRS

RAIL TYPE 6 - FREESTANDING CENTER HANDRAIL

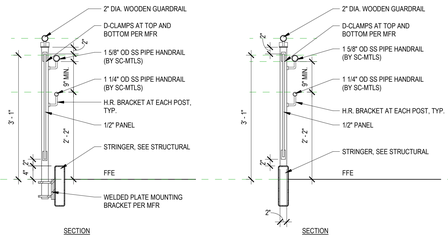
RAIL TYPE 7 - ROOF ACCESS

RAIL TYPE 8 - GLASS GUARDRAIL ONLY
RAIL TYPE 8a - GLASS GUARDRAIL AND HANDRAIL

RAIL TYPE 9 - HANDRAIL @ ASSEMBLY SEATING

RAIL TYPE 10 - PRIVACY SCREEN
RAIL TYPE 10a - CANE RAIL

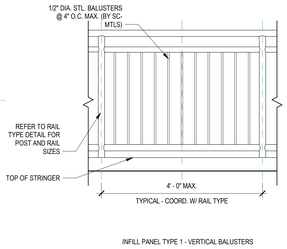
RAIL TYPE 11 - WALL MOUNTED HANDRAIL



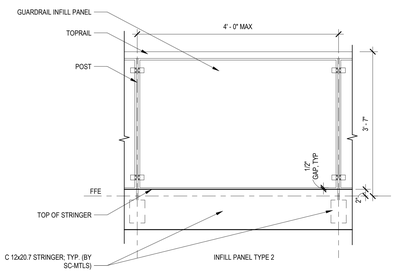
RAIL TYPE 12 - GUARDRAIL ONLY
RAIL TYPE 12a - GUARDRAIL AND HANDRAIL
RAIL TYPE 12b - GUARDRAIL WITH HANDRAIL AND RAMP RAIL

RAIL TYPE 13 - GUARDRAIL ONLY
RAIL TYPE 13a - GUARDRAIL AND HANDRAIL
RAIL TYPE 13b - GUARDRAIL WITH HANDRAIL AND RAMP RAIL

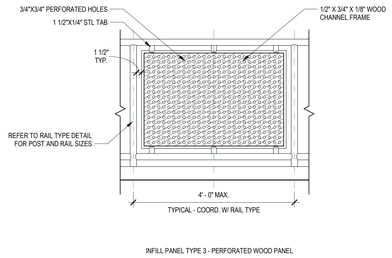
T24 RAILING TYPES LEGEND
3/4" = 1'-0"



INFILL PANEL TYPE 1 - VERTICAL BALUSTERS

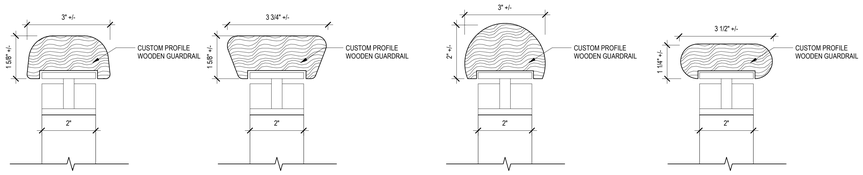


INFILL PANEL TYPE 2

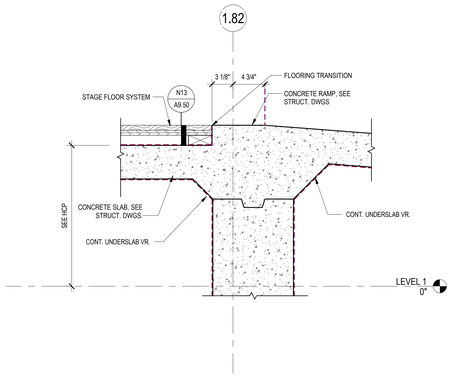


INFILL PANEL TYPE 3 - PERFORATED WOOD PANEL

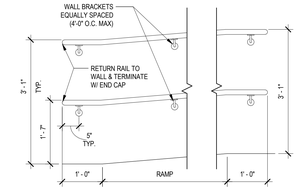
P10 RAILING PANEL INFILL TYPES LEGEND
3/4" = 1'-0"



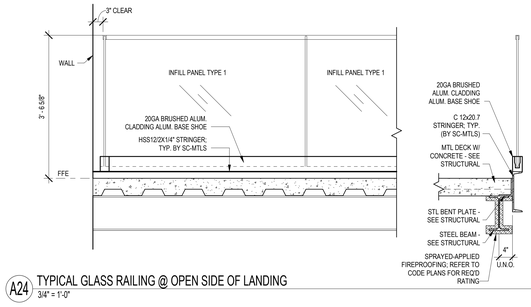
L26 TOPRAIL PROFILE OPTIONS
6" = 1'-0"



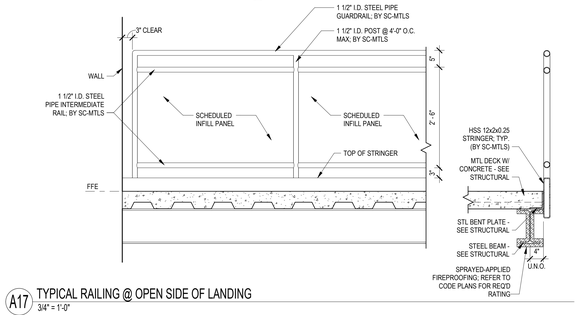
E27 SECTION DETAIL - TOP OF RAMP
1 1/2" = 1'-0"



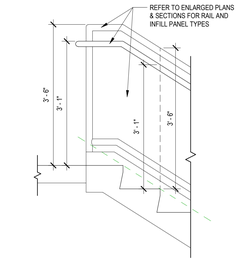
E14 TYPICAL WALL RAIL DETAIL @ RAMP
3/4" = 1'-0"



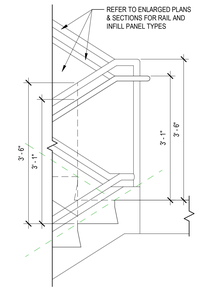
A24 TYPICAL GLASS RAILING @ OPEN SIDE OF LANDING
3/4" = 1'-0"



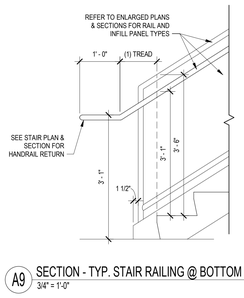
A17 TYPICAL RAILING @ OPEN SIDE OF LANDING
3/4" = 1'-0"



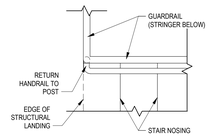
K9 SECTION - TYP. STAIR RAILING @ UPPER LANDING
3/4" = 1'-0"



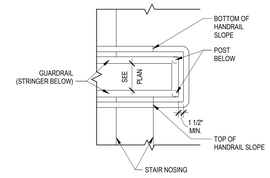
E9 SECTION - TYP. STAIR RAILING @ INTERMEDIATE LANDING
3/4" = 1'-0"



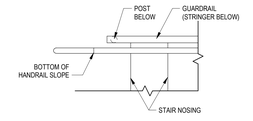
A9 SECTION - TYP. STAIR RAILING @ BOTTOM LANDING
3/4" = 1'-0"



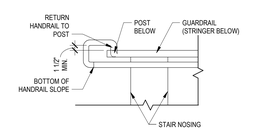
K5 PLAN - TYP. STAIR RAILING @ UPPER LANDING
3/4" = 1'-0"



G5 PLAN - TYP. STAIR RAILING @ INTERMEDIATE LANDING
3/4" = 1'-0"



D5 PLAN - TYP. STAIR RAILING @ BOTTOM LANDING - STRAIGHT
3/4" = 1'-0"



A5 PLAN - TYP. STAIR RAILING @ BOTTOM LANDING - RETURN
3/4" = 1'-0"

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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KEY PLAN

ORIENTATION AND SCALE:

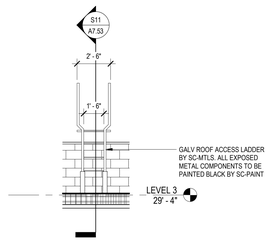
SCALE: AS INDICATED

SHEET TITLE:

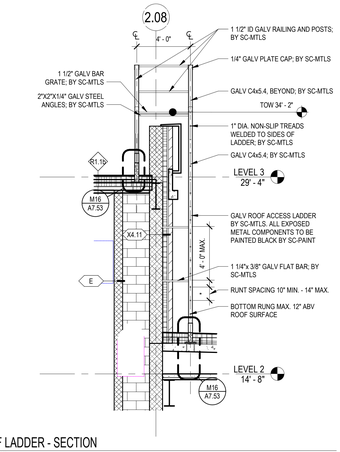
STAIR AND RAILING DETAILS

SHEET NUMBER:

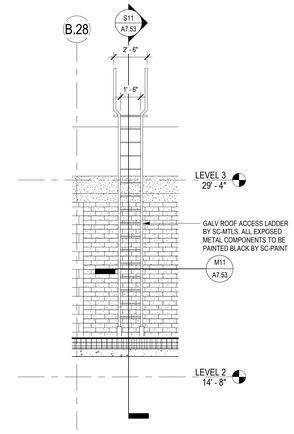
A7.52



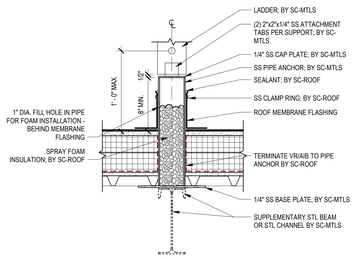
U14 ROOF LADDER - BACK ELEVATION
1/4" = 1'-0"



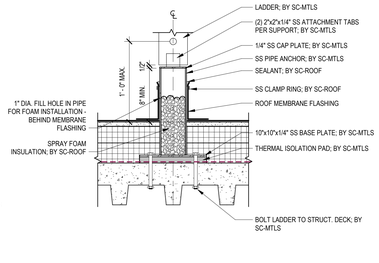
S11 ROOF LADDER - SECTION
1/4" = 1'-0"



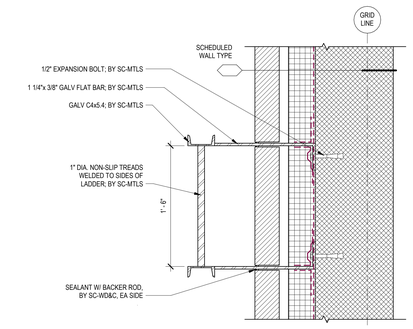
S6 ROOF LADDER - FRONT ELEVATION
1/4" = 1'-0"



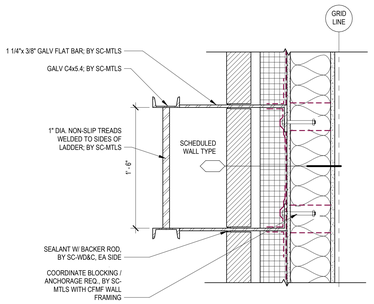
M20 ROOF LADDER DETAIL - ANCHOR @ TYPE R1.1
1 1/2" = 1'-0"



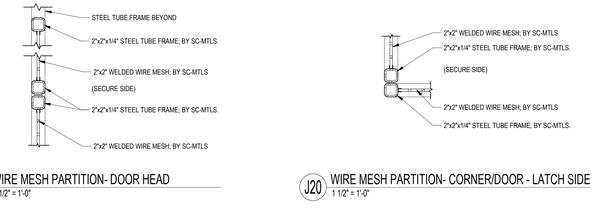
M16 ROOF LADDER DETAIL - ANCHOR @ TYPE R1.2
1 1/2" = 1'-0"



M11 ROOF LADDER PLAN DETAIL - EXTERIOR WALL W/ CMU BACKUP
1 1/2" = 1'-0"

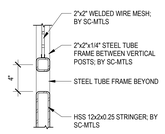


M6 ROOF LADDER PLAN DETAIL - EXTERIOR WALL W/ CFMF BACKUP
1 1/2" = 1'-0"

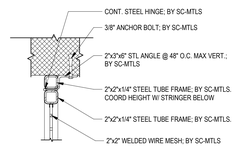


J24 WIRE MESH PARTITION- DOOR HEAD
1 1/2" = 1'-0"

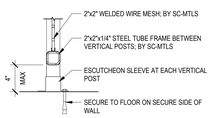
J20 WIRE MESH PARTITION- CORNER/DOOR - LATCH SIDE
1 1/2" = 1'-0"



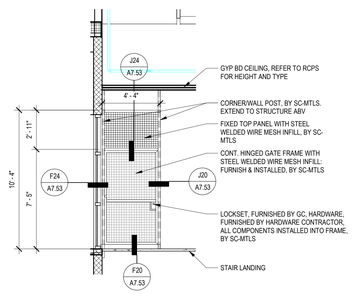
F27 WIRE MESH PARTITION - STRINGER
1 1/2" = 1'-0"



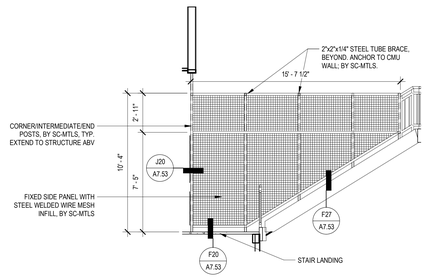
F24 WIRE MESH PARTITION- WALL/DOOR - HINGE SIDE
1 1/2" = 1'-0"



F20 WIRE MESH PARTITION - SILL
1 1/2" = 1'-0"



A26 ELEVATION - STAIR 4 WIRE MESH PARTITION
1/4" = 1'-0"



A21 ELEVATION - STAIR 4 WIRE MESH PARTITION
1/4" = 1'-0"

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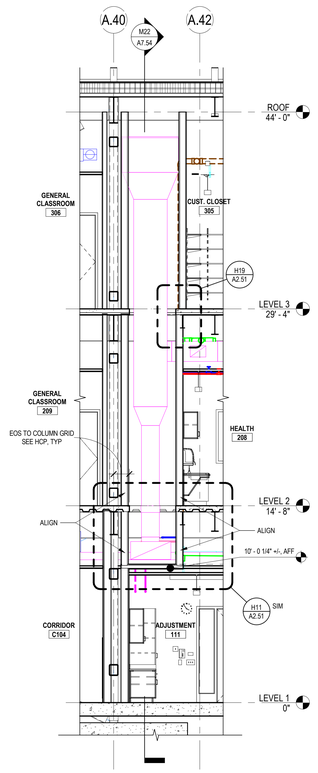
KEY PLAN

ORIENTATION AND SCALE:

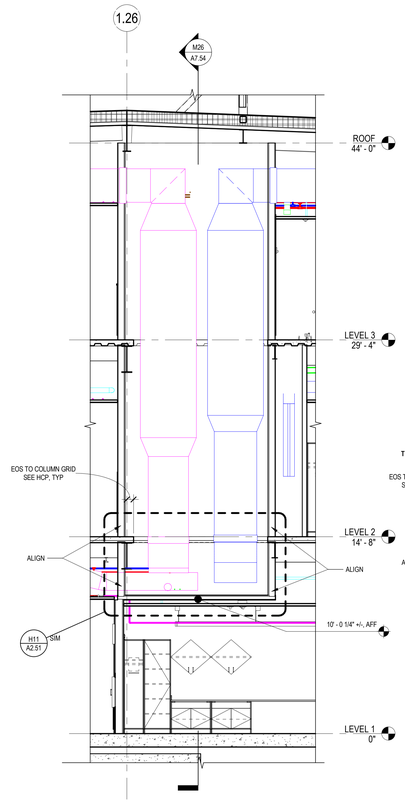
SCALE: AS INDICATED

SHEET TITLE:
LADDER AND MISC. DETAILS

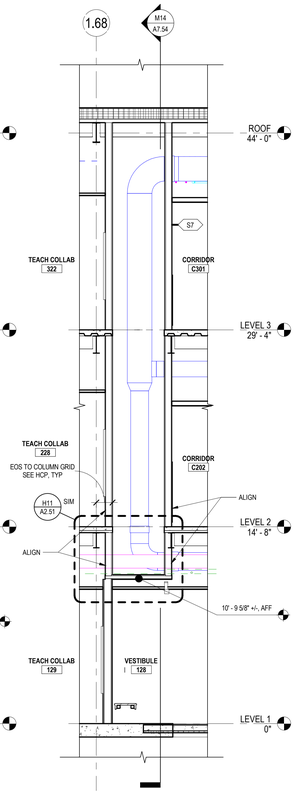
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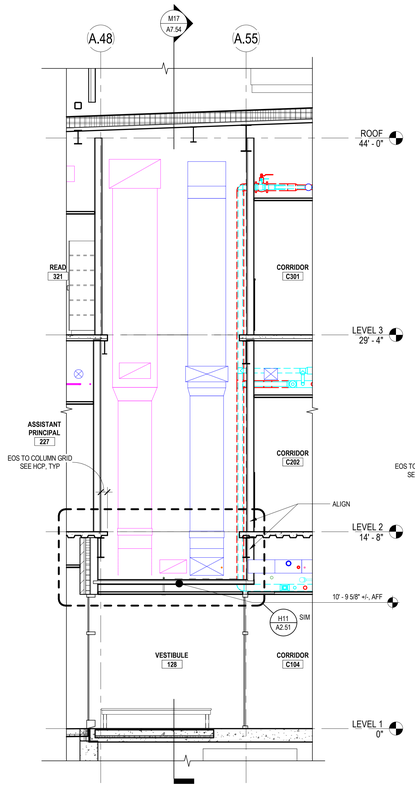
M26 SHAFT WALL SECTION AT A.40 & 1.26
1/4" = 1'-0"



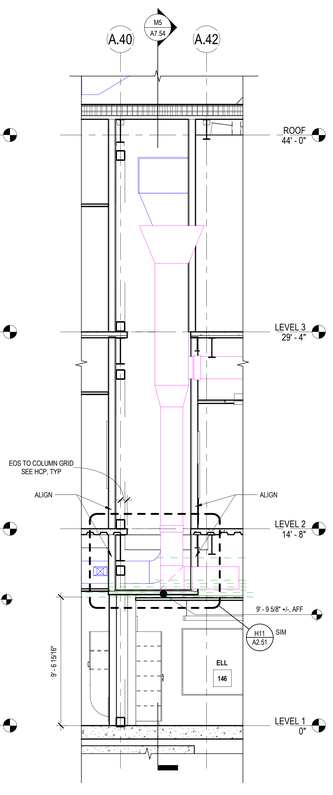
M22 SHAFT WALL SECTION AT A.40 & 1.26 (2)
1/4" = 1'-0"



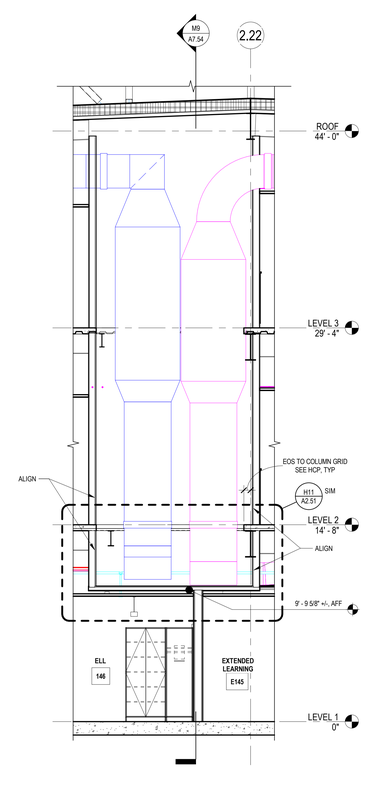
M17 SHAFT WALL SECTION AT A.48 & 1.68
1/4" = 1'-0"



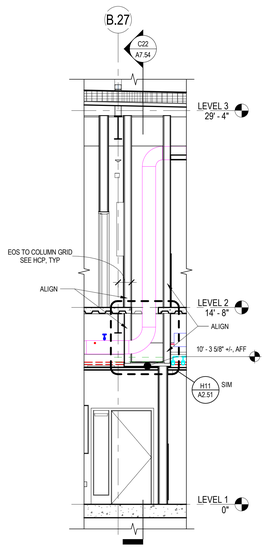
M14 SHAFT WALL SECTION AT A.48 & 1.68 (2)
1/4" = 1'-0"



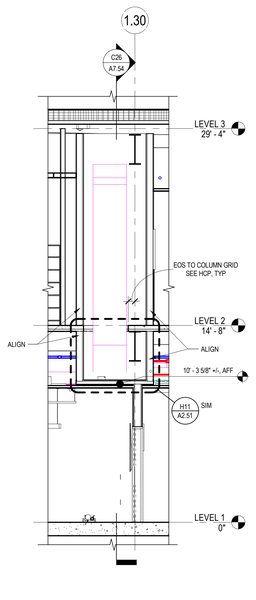
M9 SHAFT WALL SECTION AT A.40 & 2.22
1/4" = 1'-0"



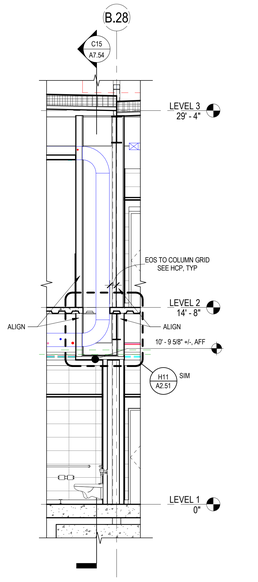
M5 SHAFT WALL SECTION AT A.40 & 2.22 (2)
1/4" = 1'-0"



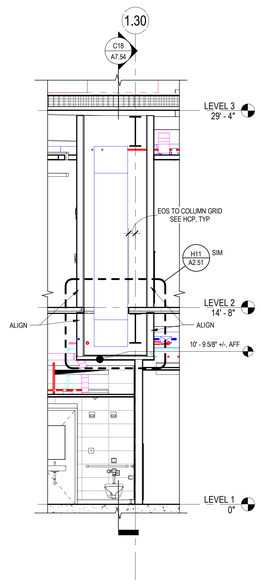
C26 SHAFT WALL SECTION AT B.27 & 1.30
1/4" = 1'-0"



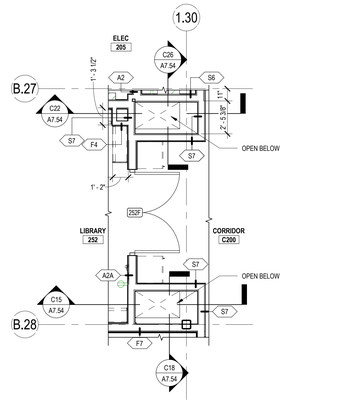
C22 SHAFT WALL SECTION AT B.27 & 1.30 (2)
1/4" = 1'-0"



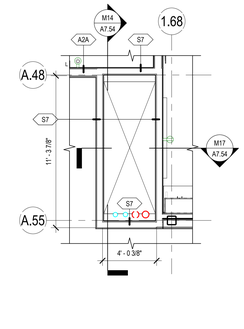
C18 SHAFT WALL SECTION AT B.28 & 1.30
1/4" = 1'-0"



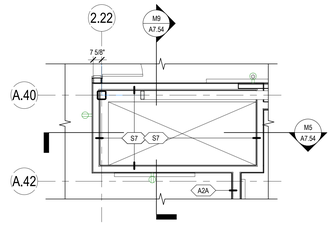
C15 SHAFT WALL SECTION AT B.28 & 1.30 (2)
1/4" = 1'-0"



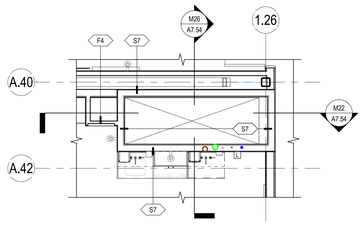
E10 ENLARGED PLAN - SHAFT 4 - LEVEL 2
1/4" = 1'-0"



E5 ENLARGED PLAN - SHAFT 2 - LEVEL 2
1/4" = 1'-0"



A10 ENLARGED PLAN - SHAFT 3 - LEVEL 2
1/4" = 1'-0"



A5 ENLARGED PLAN - SHAFT 1 - LEVEL 2
1/4" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

SCALE: AS INDICATED

SHEET TITLE:

SHAFT ENCLOSURES AND DETAILS

SHEET NUMBER:

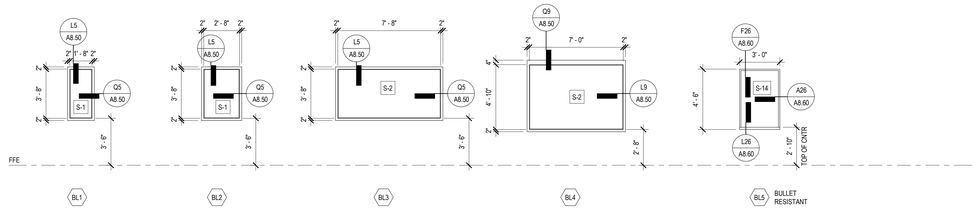
A7.54

DOOR AND FRAME SCHEDULE LEVEL 1

DOOR NO.	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR SIZE CONFIG	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	FRAME TYPE	FRAME MATL	FRAME FINISH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	RATING	HDWR	COMMENTS	DOOR NO.
101	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3	HM	PT	F5 / A8.50	A5 / A8.50			10		101
101A-1	FG	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			25	R2, R3, R4, R12	101A-1
101A-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3	HM	PT	F5 / A8.50	A5 / A8.50			25	R2, R3, R4, R12	101A-2
101B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			20		101B
101C-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			11		101C-1
101C-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			11		101C-2
101D	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		101D
101E	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		101E
101F				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		101F
101G				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		101G
101J	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		101J
101K	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		101K
101L	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			22		101L
101M	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			22		101M
101P	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	101P
102	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		102
103	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			18		103
104	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	104
105	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	105
106-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			11		106-1
106-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			11		106-2
107-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			21		107-1
107-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3B	HM	PT	F7 / A8.51	A7 / A8.51			04	R13	107-2
107A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			08		107A
107B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			08		107B
107C	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	107C
108-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			13		108-1
108-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			14		108-2
108A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	108A
109-1	FG	ALUM	MFR	PAIR	3' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		02	R2, R3, R4, R13	109-1
109-2	FG	ALUM	MFR	PAIR	3' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		01	R2, R3, R4	109-2
110	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		110
111	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		111
112	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F23 / A8.50	A23 / A8.50	L23 / A8.50		16	R5	112
112A	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			28		112A
113	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	113
113A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	113A
113B		-	-	CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		113B
114	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		114
115	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		115
116	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	116
116A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	116A
117-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	117-1
117-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	117-2
118	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	118
118A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	118A-1
118A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	118A-2
118B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	118B
119	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	119
119A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	119A
120	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	120
120A		-	-	CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		120A
120B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	120B
121	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	121
121A	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			28		121A
122	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			24		122
122A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		122A
123	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	123
124	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17		124
125D	FD-1	MFR	MFR	FOLDING	23' - 0"	8' - 0"	1 3/4"	MFR	MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		125D
127	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	127
128-1	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		02	R2, R3, R4, R13	128-1
128-2	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		03	R2, R3, R4	128-2
129	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		129
130	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		130
130A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09		130A
130B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	130B
131	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			35	R1	131
131	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		45 MIN	24		131
134	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	134
135	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			22		135
136	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	136
136A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	136A-1
136A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	136A-2
136B		-	-	CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		136B
136C	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	136C
137	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	137
137A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	137A
138	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	138
138A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	138A
138B-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	138B-1
138B-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	138B-2
139	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	139
139A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	139A
140	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	140
140A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	140A-1
140A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	140A-2
140B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	140B
141	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	141
141A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	141A
142	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		142
143	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		143
143A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	143A
144	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	144
144A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	144A-1
144A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	144A-2
145	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	145
145A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			08	R7	145A
146	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15		146
147	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		147
148	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			18		148
149-1	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		45 MIN	33		149-1
149-2	F	HM	PT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F7 / A8.51	A7 / A8.51			05		149-2
149-3	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		45 MIN	27		149-3
149A	F	WOOD	NAT	PAIR	6' - 0"	8' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	31		149A
149B	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	31		149B
149C	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			31	R7	149C
150	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23		150
151	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			30	R7	151
152	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			30	R7	152
153-1	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			31		153-1
153-2	OH-D1	MFR	MFR	OH-D1	10' - 0"	10' - 0"	1 1/2"	MFR	MFR	MFR	R14 / A8.51	R7 / A8.51			37	R11	153-2
153-3	F	HM	PT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3B	HM	PT	F7 / A8.51	A7 / A8.51			04	R13	153-3
153-4	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			19		153-4
153A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	153A
155C	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		155C
156-1	OH-G	MFR	MFR	OH-G	20' - 4"	11' - 5"	1/2"	MFR	MFR	MFR	Q26 / A8.50	Q18 / A8.50			37		156-1
156-2	OH-G	MFR	MFR	OH-G	20' - 4"	11' - 5"	1/2"	MFR	MFR	MFR	Q26 / A8.50	Q18 / A8.50			37		156-2
156-3	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F9 / A8.50	A9 / A8.50			19		156-3
156-4	OH			OH	4' - 0"	4' - 0"	1/2"								37		156-4
156B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	156B
156C	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		156C
156D	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		156D
156E	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			11		156E
157	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F23 / A8.50	A23 / A8.50	L23 / A8.50		16	R5	157
157A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			11		157A
158	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			12		158
159	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			12		159
160-1	FG	HM	PT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F5 / A8.50	A5 / A8.50			06	R2, R3, R4, R13, R15	160-1
160-2	FG	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			07	R2, R3, R4	160-2
161	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			12		161
162	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F23 / A8.50	A23 / A8.50	L23 / A8.50		15	R5	162
162A	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			28		162A
165A	FD-1	MFR	PLAM	FOLDING	12' - 0"	8' - 0"	1 3/4"	MFR	MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		165A

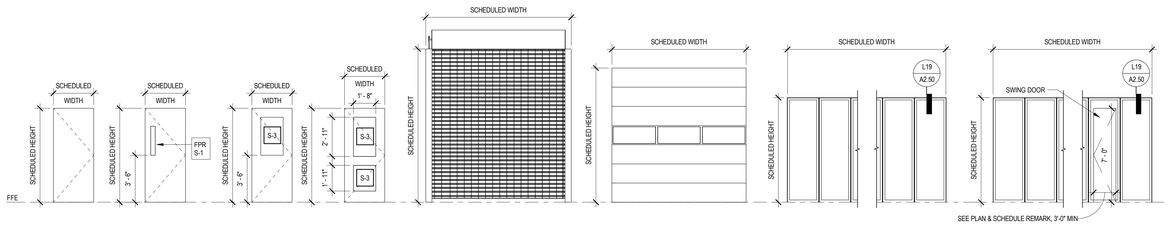
DOOR AND FRAME SCHEDULE LEVEL 1

DOOR NO.	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR SIZE CONFIG	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	FRAME TYPE	FRAME MATL	FRAME FINISH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	RATING	HDWR	COMMENTS	DOOR NO.
169	FD-1	MFR	PLAM	FOLDING	29' - 4"	13' - 4"	1 3/4"	MFR	MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		169
172-1	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		02	R2, R3, R4, R13	172-1
172-2	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		02	R2, R3, R4, R13	172-2
172-3	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		03	R2, R3, R4, R12	172-3
172-4	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		03	R2, R3, R4, R12	172-4
C101-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			20		C101-1
C101-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			21		C101-2
C103	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			35	R1	C103
G100-1	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50			34	R2, R4	G100-1
G100-2	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50			34	R2, R4	G100-2
G100-3	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50			34	R2, R4	G100-3
G100-4	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50			34	R2, R4	G100-4
G100A	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3B	HM	PT	F9 / A8.50	A9 / A8.50			10		G100A
G100B	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50			28	R7	G100B
S1-1A	FG	HM	PT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F14 / A8.51	A14 / A8.51			06	R2, R3, R4, R13, R15	S1-1A
S1-1B	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S1-1B
S2-1A	FG	HM	PT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F14 / A8.51	A14 / A8.51			06	R2, R3, R4, R13, R15	S2-1A
S2-1B	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S2-1B
S3-1A	FG	HM	PT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F14 / A8.51	A14 / A8.51			06	R2, R3, R4, R13, R15	S3-1A
S3-1B	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F9 / A8.50	A9 / A8.50		60 MIN	36	R1	S3-1B
S4-1A	FG	ALUM	MFR	PAIR	6' - 8"	7' - 1 1/2"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		02	R2, R3, R4, R13	S4-1A
S4-1B	FG	ALUM	MFR	PAIR	6' - 8"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.	60 MIN	36	R1	S4-1B



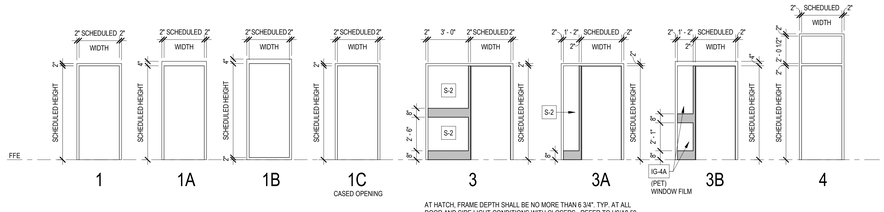
BORROWED LITE TYPES LEGEND

1/4" = 1'-0"



DOOR TYPES LEGEND

1/4" = 1'-0"



AT HATCH, FRAME DEPTH SHALL BE NO MORE THAN 6 3/4". TYP. AT ALL DOOR AND SIDE LIGHT CONDITIONS WITH CLOSERS. REFER TO U9/A8.50

FRAME TYPES LEGEND

1/4" = 1'-0"

DOOR SCHEDULE / DOOR & FRAME TYPES GENERAL NOTES

1. REFER TO SHEET A8.30 FOR ALUMINUM CURTAIN-WALL AND STOREFRONT ASSEMBLY TYPES AND RELATED INFORMATION.
2. REFER TO FLOOR FINISH FLOOR FINISH PLANS FOR RESILIENT TRANSITION STRIP TRIM AT DOOR SILL CONDITIONS AND FLOOR CLEARANCES AT DOORS. RESILIENT TRANSITION STRIPS SHALL BE PROVIDED AND INSTALLED BY RELEVANT FLOORING INSTALLER (CARPET OR RESILIEN

DOOR AND FRAME SCHEDULE LEVEL 2

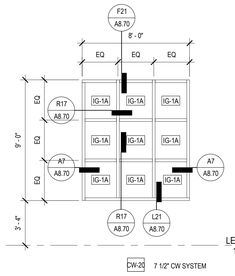
DOOR NO.	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR SIZE CONFIG	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	FRAME TYPE	FRAME MATL	FRAME FINISH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	RATING	HDWR	COMMENTS	DOOR NO.
201	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			11		201
202	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	202
203	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	203
204A	FG	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			10		204A
205	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			24		205
205A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		205A
206	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	206
206A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	206A
207-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	207-1
207-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	207-2
207A	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			28		207A
208	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	208
209	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	209
209A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	209A-1
209A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	209A-2
210	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	210
211	F	WOOD	NAT	SINGLE	4' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		211
212	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		212
213	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		213
214	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	214
215-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	215-1
215-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	215-2
216	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	216
216A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	216A-1
216A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	216A-2
217	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	217
218	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	218
218A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	218A-1
218A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	218A-2
219	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	219
219A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09		219A
219B				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		219B
220	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23		220
221	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	221
224	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		224
225	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			24		225
226	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		226
227	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		227
228-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		228-1
228-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		228-2
228-3	FD-1	MFR	PLAM	FOLDING	23' - 0"	8' - 0"	1 3/4"	MFR	MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		228-3
229A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09		229A
229B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	229B
230	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	230
233	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	233
234	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23		234
235A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	235A-1
235A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	235A-2
235B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	235B
235C				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		235C
236	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	236
237	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	237
237A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	237A-1
237A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	237A-2
238	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	238
239	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	239
239A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	239A-1
239A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	239A-2
240	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	240
241	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		241
242	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		242
243	F	WOOD	NAT	SINGLE	4' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		243
244	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	244
244A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	244A-1
244A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	244A-2
245	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	245
246	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		246
247	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		247
248	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			04		248
248A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50		90 MIN	24		248A
249	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			31		249
250-1	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			31		250-1
250-2	F	HM	PT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1B	HM	PT	F14 / A8.51	A14 / A8.51	M7 / A8.51		23	R8	250-2
252A	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		32		252A
252D	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14,	252D
252E	FD-2	MFR	PLAM	FOLDING	34' - 1 1/8"	10' - 0"			MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		252E
252F	FG	ALUM	MFR	PAIR	6' - 0"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.		32		252F
C203	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			35	R1	C203
C-201	G	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			35	R1	C-201
S1-2	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S1-2
S2-2	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S2-2
S3-2	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F5 / A8.50	A5 / A8.50		60 MIN	36	R1	S3-2
S4-2	FG	ALUM	MFR	PAIR	6' - 8"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE ELEV.	SEE ELEV.	60 MIN	36	R1	S4-2

DOOR AND FRAME SCHEDULE SITE

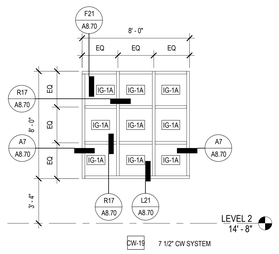
DOOR NO.		HDWR	DOOR NO.
GATE 1		G1	GATE 1
GATE 2		G1	GATE 2
GATE 3		G1	GATE 3

DOOR AND FRAME SCHEDULE LEVEL 3

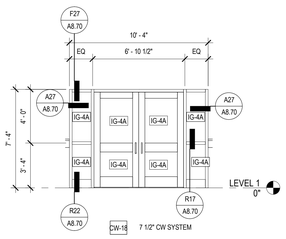
DOOR NO.	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR SIZE CONFIG	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	FRAME TYPE	FRAME MATL	FRAME FINISH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	RATING	HDWR	COMMENTS	DOOR NO.
300	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	300
301	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			24		301
302	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		302
303	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		303
304	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	304
305	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			29		305
306	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	306
306A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	306A-1
306A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	306A-2
307	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	307
308	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		308
309	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		309
310	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	310
311-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	311-1
311-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	311-2
312	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	312
312A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	312A-1
312A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	312A-2
313	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	313
314	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	314
314A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	314A-1
314A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	314A-2
315	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	315
315A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	315A
315B				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		315B
318	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	318
319	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17		319
320	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			10		320
321	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		321
322-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		322-1
322-2	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		322-2
322-3	FD-1	MFR	PLAM	FOLDING	23' - 0"	8' - 0"	1 3/4"	MFR	MFR	MFR	S15 / A2.50	L19 / A8.50	S15 / A2.50		38		322-3
323A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			09		323A
323B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	323B
324	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			17	R7	324
327	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			23	R7	327
328	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			24		328
329	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	329
329A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	329A-1
329A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	329A-2
329B	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09	R7	329B
329C				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		329C
330	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	330
331	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	331
331A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	331A-1
331A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	331A-2
332	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	332
333	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	333
333A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	333A-1
333A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	333A-2
334	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	334
335	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		335
336	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		336
337	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	337
337A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	337A-1
337A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	337A-2
338	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	338
339	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		339
340	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		340
341	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	341
341A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			13		341A-1
341A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	341A-2
342	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	342
343	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		343
344	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	344
345-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	345-1
345-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	345-2
346-1	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	346-1
346-2				CASED OPENING	3' - 0"	7' - 0"	0"	1C	HM	PT	F27 / A8.50	A27 / A8.50			39		346-2
346A	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			09		346A
347	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	347
347A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	347A-1
347A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	347A-2
348	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		348
349	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		349
350	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			13		350
351	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	351
351A-1	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	351A-1
351A-2	G	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	1	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	351A-2
352	F	WOOD	NAT	SINGLE	3' - 0"	7' - 0"	1 3/4"	3A	HM	PT	F5 / A8.50	A5 / A8.50			15	R14	352
S1-3	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S1-3
S2-3	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S2-3
S3-3	F	WOOD	NAT	PAIR	6' - 0"	7' - 0"	1 3/4"	1A	HM	PT	F18 / A8.50	A18 / A8.50		60 MIN	36	R1	S3-3
S4-3	FG	ALUM	MFR	PAIR	6' - 8"	7' - 0"	2"	SF/CW	ALUM	MFR	SEE ELEV.	SEE



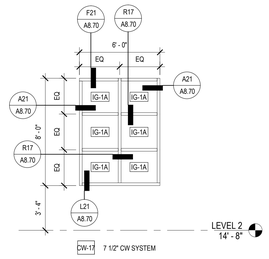
CW-20 7 1/2" CW SYSTEM



CW-19 7 1/2" CW SYSTEM



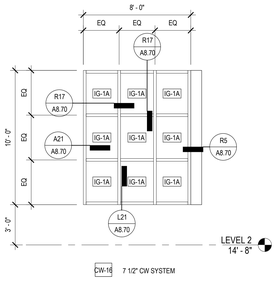
CW-18 7 1/2" CW SYSTEM



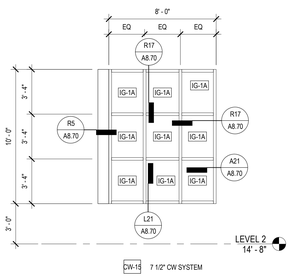
CW-17 7 1/2" CW SYSTEM

METAL WINDOW AND CURTAIN WALL DETAILS GENERAL NOTES

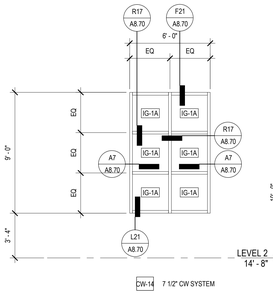
1. ALL DIMENSIONS INDICATED FOR OVERALL SIZE OF WINDOW AND CURTAIN-WALL SYSTEMS ARE ROUGH OR MASONRY OPENINGS BASED ON CURSORY FIELD INVESTIGATION OF EXISTING CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY EXACT MASONRY AND ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION OF NEW ASSEMBLIES.
2. ALL EXTERIOR GLAZING SHALL BE TYPE IG-1 UNLESS SPECIFICALLY IDENTIFIED OR OTHERWISE REQUIRED BY CODE.
3. ALL INTERIOR GLAZING SHALL BE TYPE S1 UNLESS SPECIFICALLY IDENTIFIED OR OTHERWISE REQUIRED BY CODE.
4. PROVIDE SAFETY GLAZING AT LOCATIONS REQUIRED BY BUILDING CODE, WHETHER SPECIFICALLY INDICATED OR NOT.
5. ALL EXPOSED METAL PRODUCTS, INCLUDING (BUT NOT LIMITED TO) FRAMING, SILLS AND SILL EXTENSIONS, SUB-SILL FLASHINGS, ALUMINUM CLOSURES, SCREEN FRAMES, PANNING TRIM AND ACCESSORY METAL PRODUCTS SHALL BE PREFINISHED. COLOR TO BE CONSISTENT ACROSS ALL METAL PRODUCTS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. PROVIDE SCREENS AT EACH VENTING UNIT WHETHER OR NOT SPECIFICALLY SHOWN IN DRAWINGS. SCREENS SHALL BE FULL SCREENS UNLESS OTHERWISE INDICATED.
7. PROFILES AND DETAILS OF CURTAIN-WALL FRAMING SHOWN HEREIN ARE BASED ON THE BASIS OF DESIGN MANUFACTURER LISTED IN SPECIFICATIONS, AND ARE PROVIDED TO SHOW GENERAL RELATIONSHIP OF CURTAIN-WALL FRAMING TO ADJACENT CONSTRUCTION AND MATERIALS. DETAILS MAY NOT MATCH PROFILES AND DETAILS OF OTHER MANUFACTURERS; ADDITIONAL COMPONENTS NEEDED BY CERTAIN MANUFACTURERS THAT MAY NOT BE SHOWN HEREIN BUT ARE REQUIRED FOR A COMPLETE AND PROPER INSTALLATION SHALL BE PROVIDED AS APPROPRIATE TO EACH MANUFACTURER'S REQUIREMENTS.
8. DETAILS FOR SUPPORT OF CURTAIN-WALL SYSTEMS SHALL BE DETERMINED BY THE MANUFACTURER'S ENGINEERING OF THE SYSTEM. DETAILS PROVIDED ARE SUGGESTIVE OF AVAILABLE CONNECTIONS TO THE BUILDING STRUCTURE ONLY, AND SHALL NOT BE INTERPRETED BY THE CONTRACTOR OR MANUFACTURER TO BE EXCLUSIVELY PRESCRIPTIVE IN NATURE.



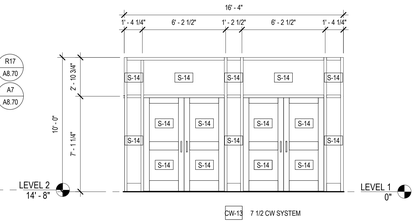
CW-16 7 1/2" CW SYSTEM



CW-15 7 1/2" CW SYSTEM

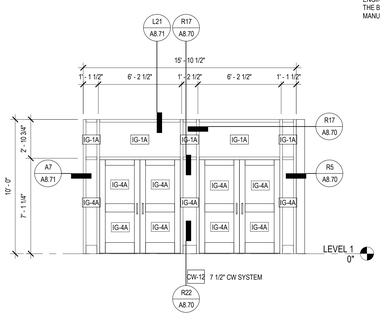


CW-14 7 1/2 CW SYSTEM

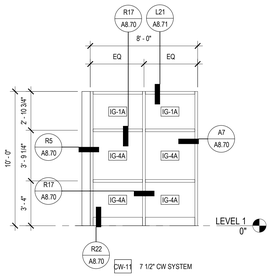


CW-13 7 1/2 CW SYSTEM

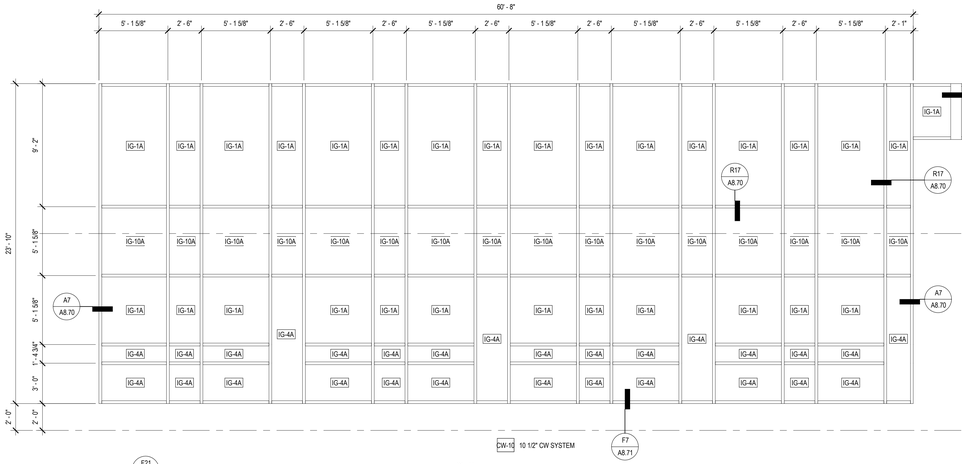
INTERIOR, BALLISTIC RESISTANT LEVEL 3



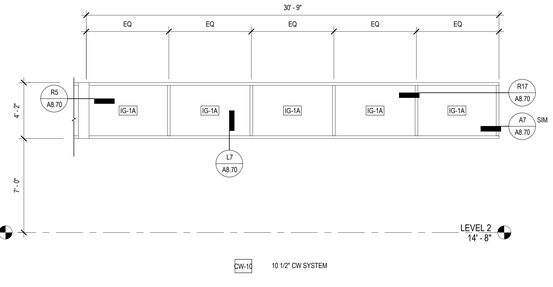
CW-12 7 1/2" CW SYSTEM



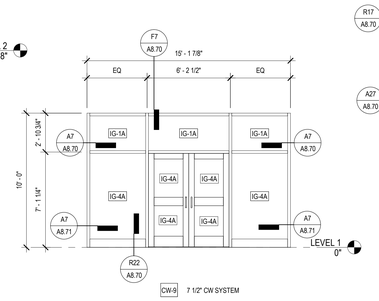
CW-11 7 1/2" CW SYSTEM



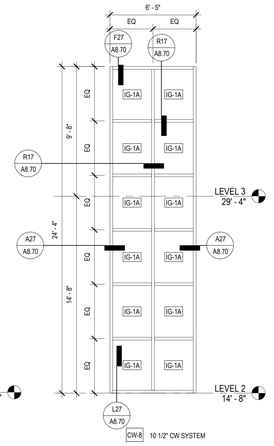
CW-10 10 1/2" CW SYSTEM



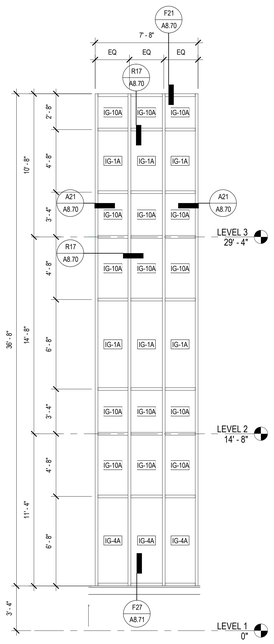
CW-10 10 1/2" CW SYSTEM



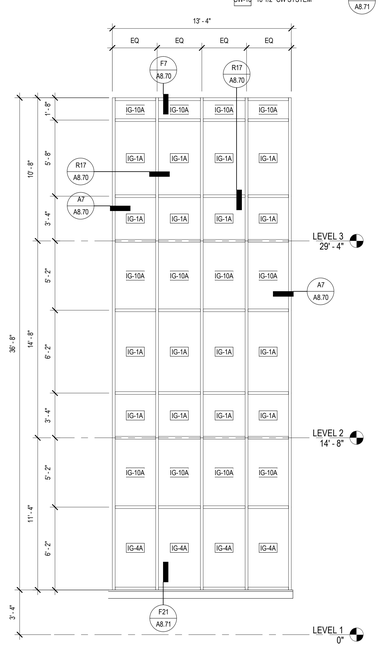
CW-9 7 1/2" CW SYSTEM



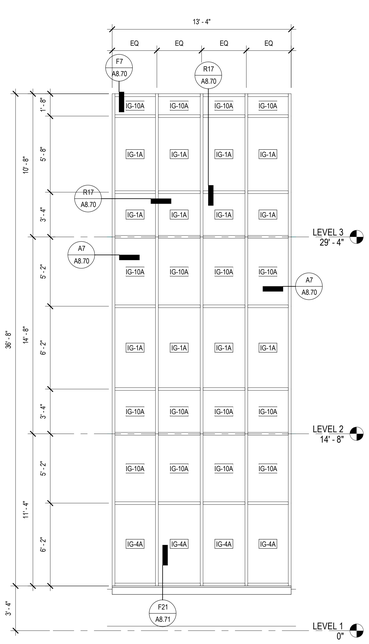
CW-8 10 1/2" CW SYSTEM



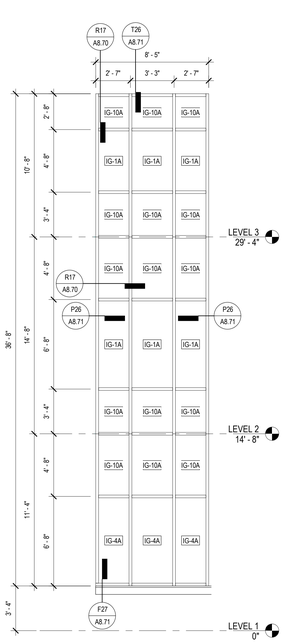
CW-7 10 1/2" CW SYSTEM



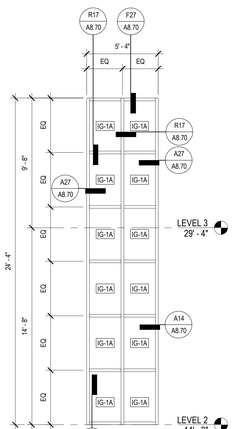
CW-6 10 1/2" CW SYSTEM



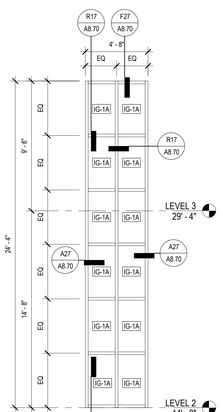
CW-5 10 1/2" CW SYSTEM



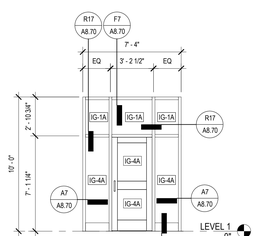
CW-4 7 1/2" CW SYSTEM



CW-3 10 1/2" CW SYSTEM



CW-2 10 1/2" CW SYSTEM



CW-1 7 1/2" CW SYSTEM

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

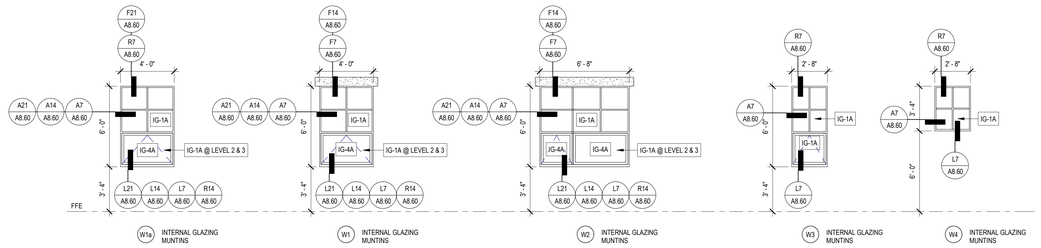
SCALE: AS INDICATED

SHEET TITLE:
CURTAINWALL TYPES

SHEET NUMBER:
A8.20

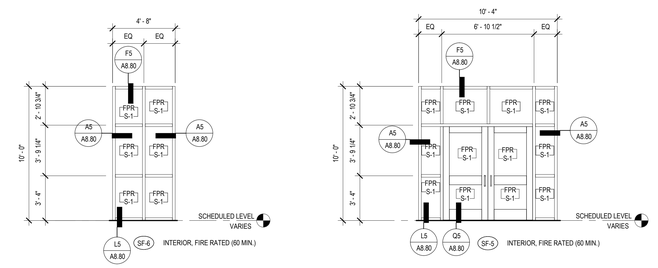
METAL WINDOW AND CURTAIN WALL DETAILS GENERAL NOTES

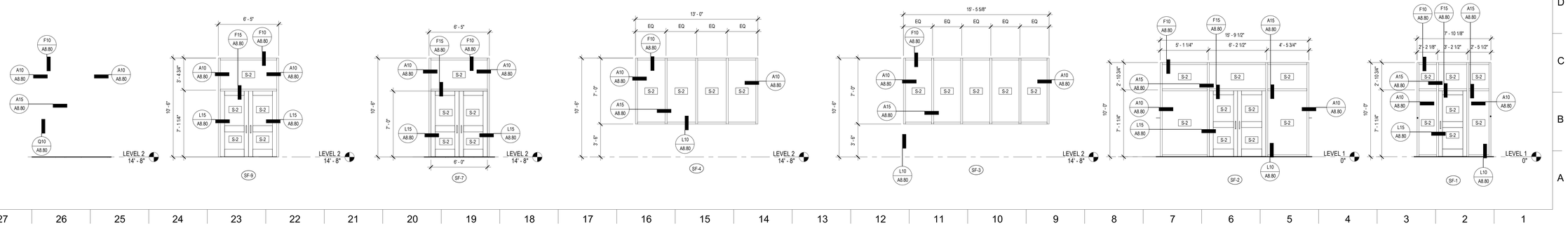
1. ALL DIMENSIONS INDICATED FOR OVERALL SIZE OF WINDOW AND CURTAIN-WALL SYSTEMS ARE ROUGH OR MASONRY OPENINGS BASED ON CURSORY FIELD INVESTIGATION OF EXISTING CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY EXACT MASONRY AND ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION OF NEW ASSEMBLIES.
2. ALL EXTERIOR GLAZING SHALL BE TYPE IG-1 UNLESS SPECIFICALLY IDENTIFIED OR OTHERWISE REQUIRED BY CODE.
3. ALL INTERIOR GLAZING SHALL BE TYPE S1 UNLESS SPECIFICALLY IDENTIFIED OR OTHERWISE REQUIRED BY CODE.
4. PROVIDE SAFETY GLAZING AT LOCATIONS REQUIRED BY BUILDING CODE, WHETHER SPECIFICALLY INDICATED OR NOT.
5. ALL EXPOSED METAL PRODUCTS, INCLUDING (BUT NOT LIMITED TO) FRAMING, SILLS AND SILL EXTENSIONS, SUB-SILL FLASHINGS, ALUMINUM CLOSURES, SCREEN FRAMES, PANNING TRIM AND ACCESSORY METAL PRODUCTS SHALL BE PREFINISHED. COLOR TO BE CONSISTENT ACROSS ALL METAL PRODUCTS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. PROVIDE SCREENS AT EACH VENTING UNIT WHETHER OR NOT SPECIFICALLY SHOWN IN DRAWINGS. SCREENS SHALL BE FULL SCREENS UNLESS OTHERWISE INDICATED.
7. PROFILES AND DETAILS OF CURTAIN-WALL FRAMING SHOWN HEREIN ARE BASED ON THE BASIS OF DESIGN MANUFACTURER LISTED IN SPECIFICATIONS, AND ARE PROVIDED TO SHOW GENERAL RELATIONSHIP OF CURTAIN-WALL FRAMING TO ADJACENT CONSTRUCTION AND MATERIALS. DETAILS MAY NOT MATCH PROFILES AND DETAILS OF OTHER MANUFACTURERS. ADDITIONAL COMPONENTS NEEDED BY CERTAIN MANUFACTURERS THAT MAY NOT BE SHOWN HEREIN BUT ARE REQUIRED FOR A COMPLETE AND PROPER INSTALLATION SHALL BE PROVIDED AS APPROPRIATE TO EACH MANUFACTURER'S REQUIREMENTS.
8. DETAILS FOR SUPPORT OF CURTAIN-WALL SYSTEMS SHALL BE DETERMINED BY THE MANUFACTURER'S ENGINEERING OF THE SYSTEM. DETAILS PROVIDED ARE SUGGESTIVE OF AVAILABLE CONNECTIONS TO THE BUILDING STRUCTURE ONLY, AND SHALL NOT BE INTERPRETED BY THE CONTRACTOR OR MANUFACTURER TO BE EXCLUSIVELY PRESCRIPTIVE IN NATURE.



WINDOW TYPES LEGEND

1/4" = 1'-0"





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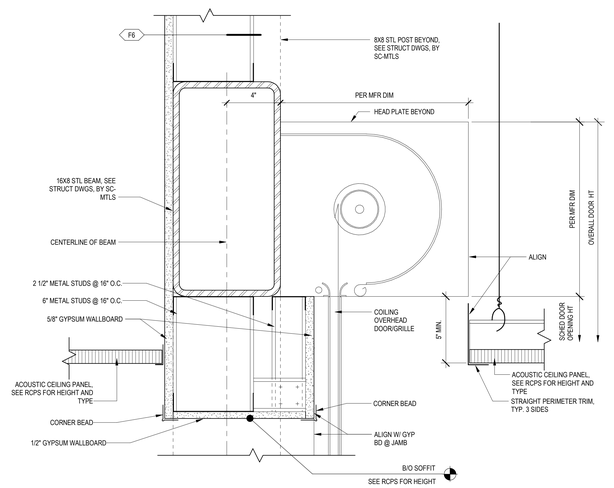
KEY PLAN

ORIENTATION AND SCALE:

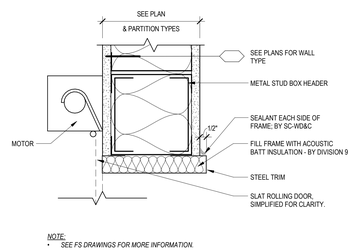
SCALE: AS INDICATED

SHEET TITLE:
WINDOW AND STOREFRONT TYPES

SHEET NUMBER:
A8.30

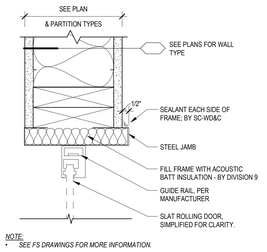


Q26 COILING DOOR @ KITCHEN - HEAD
3" = 1'-0"



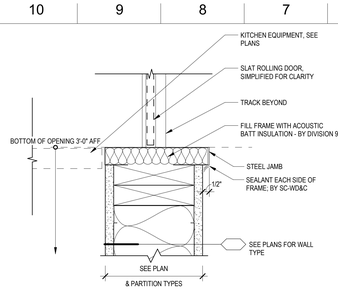
NOTE:
- SEE FS DRAWINGS FOR MORE INFORMATION.

U18 TYP COUNTER ROLL-DOWN SHUTTER HEAD DETAIL
3" = 1'-0"

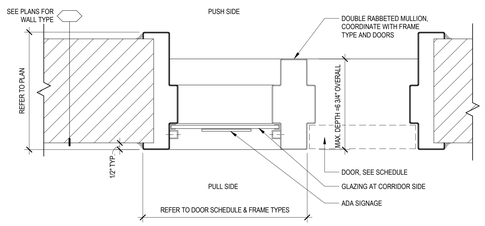


NOTE:
- SEE FS DRAWINGS FOR MORE INFORMATION.

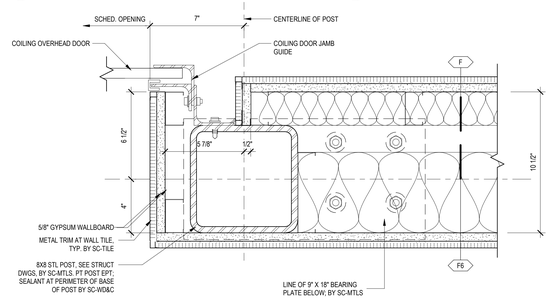
U14 TYP COUNTER ROLL-DOWN SHUTTER JAMB DETAIL
3" = 1'-0"



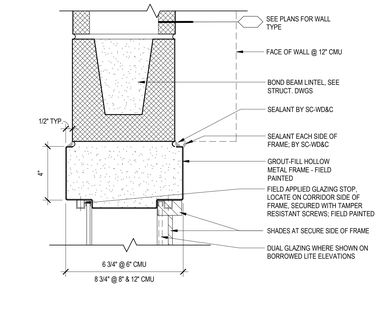
U10 TYP COUNTER ROLL-DOWN SHUTTER SILL DETAIL
3" = 1'-0"



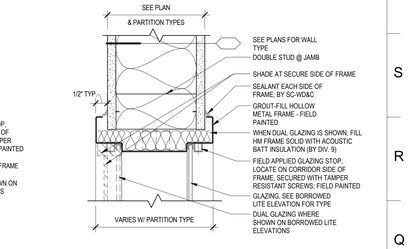
U9 PLAN DETAIL - JAMB AT ACCESSIBLE SIDELIGHT
3" = 1'-0"



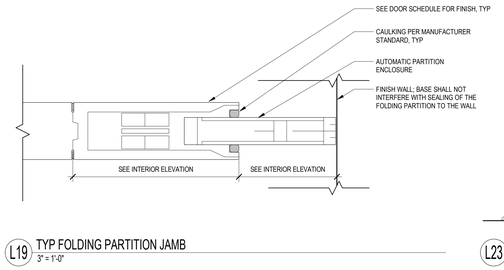
Q18 COILING DOOR @ KITCHEN - JAMB
3" = 1'-0"



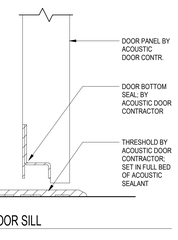
Q9 TYPICAL HM BL FRAME @ CMU - HEAD
3" = 1'-0"



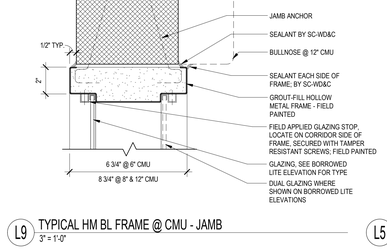
Q5 TYPICAL HM BL FRAME @ MTL STUD - JAMB
3" = 1'-0"



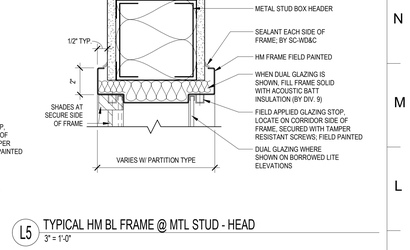
L19 TYP FOLDING PARTITION JAMB
3" = 1'-0"



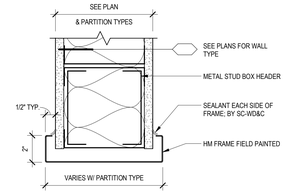
L23 ACOUSTIC DOOR SILL
6" = 1'-0"



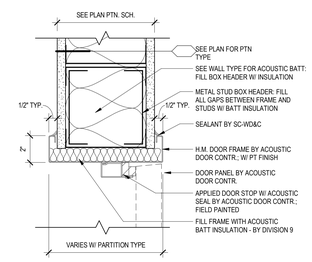
L9 TYPICAL HM BL FRAME @ CMU - JAMB
3" = 1'-0"



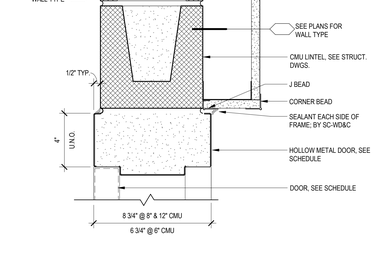
L5 TYPICAL HM BL FRAME @ MTL STUD - HEAD
3" = 1'-0"



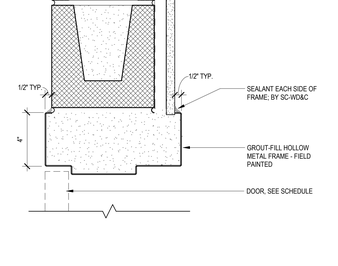
F27 TYPICAL HM CASED OPENING FRAME @ MTL STUD - HEAD
3" = 1'-0"



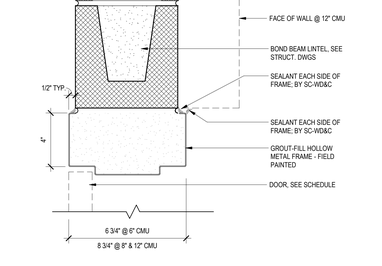
F23 ACOUSTIC HM DOOR FRAME @ MTL STUD - HEAD
3" = 1'-0"



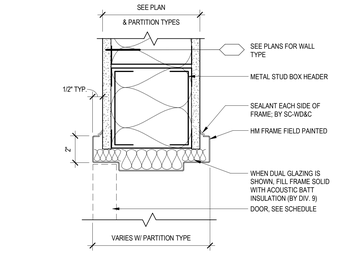
F18 TYPICAL HM DOOR FRAME @ CMU/FURRING - HEAD
3" = 1'-0"



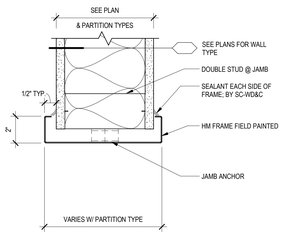
F13 TYPICAL HM DOOR FRAME @ CMU/F8 WALL – HEAD
3" = 1'-0"



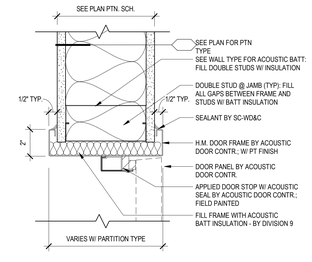
F9 TYPICAL HM DOOR FRAME @ CMU - HEAD
3" = 1'-0"



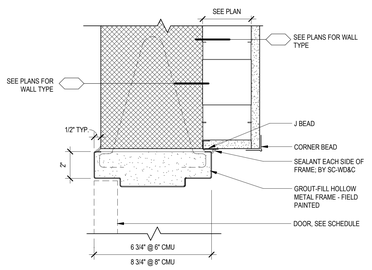
F5 TYPICAL HM DOOR FRAME @ MTL STUD - HEAD
3" = 1'-0"



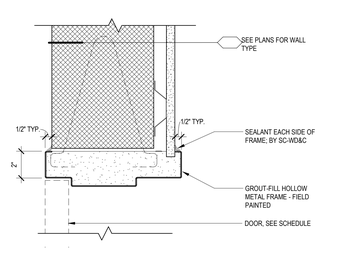
A27 TYPICAL HM CASED OPENING FRAME @ MTL STUD - JAMB
3" = 1'-0"



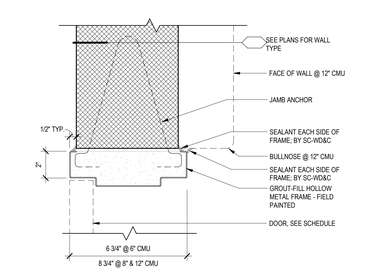
A23 ACOUSTIC HM DOOR FRAME @ MTL STUD - JAMB
3" = 1'-0"



A18 TYPICAL HM DOOR FRAME @ CMU/FURRING - JAMB
3" = 1'-0"



A13 TYPICAL HM DOOR FRAME @ CMU/F8 WALL – JAMB
3" = 1'-0"



A9 TYPICAL HM DOOR FRAME @ CMU - JAMB
3" = 1'-0"

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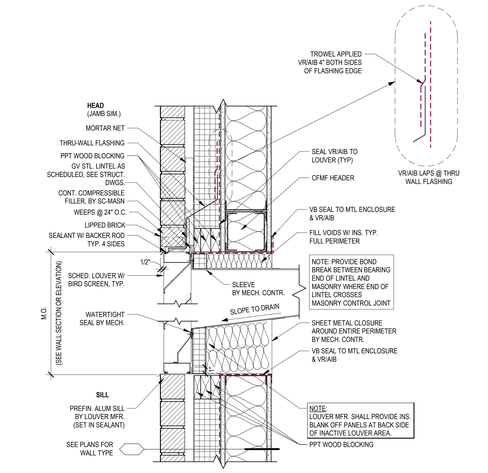
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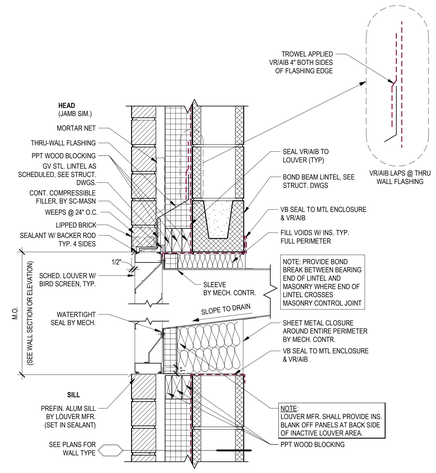
DOOR AND BL FRAME DETAILS

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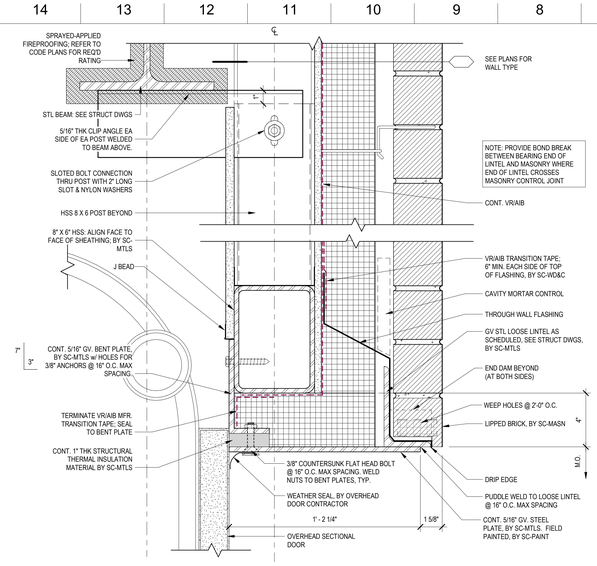
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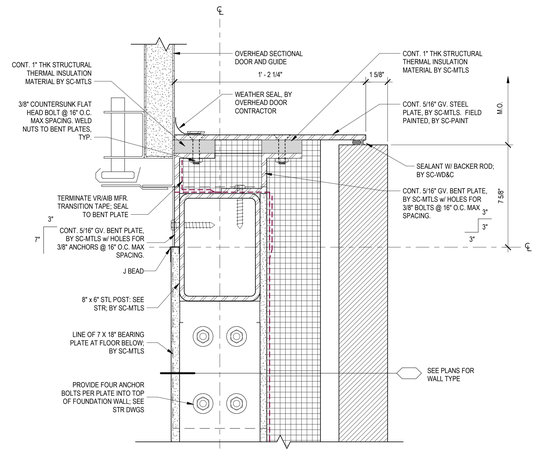
R26 LOUVER IN X1.11 / X1.12 WALL
1 1/2" = 1'-0"



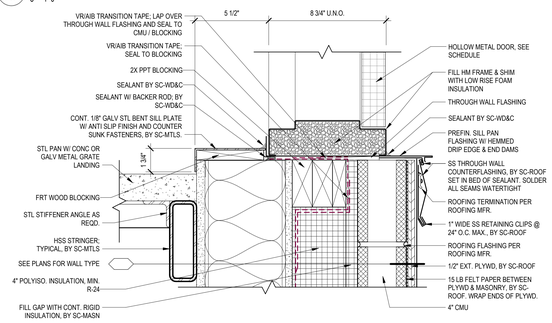
R20 LOUVER IN X3.11 / X3.12 / X4.11 WALL
1 1/2" = 1'-0"



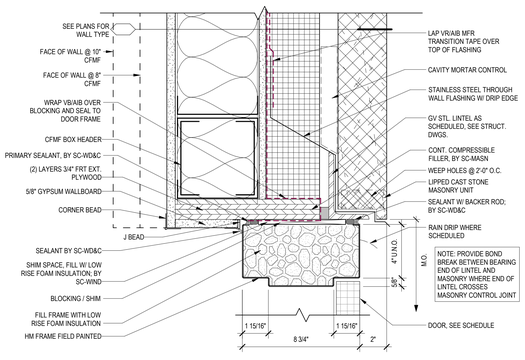
R14 OVERHEAD DOOR DETAIL @ X1.11 / X1.12 - HEAD
3" = 1'-0"



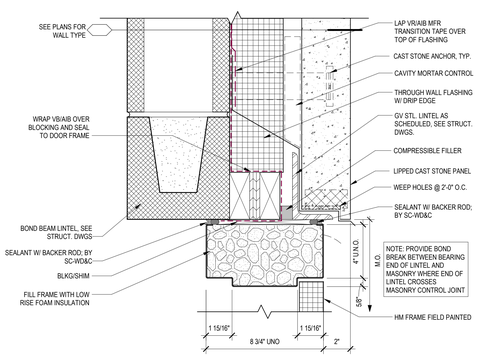
R7 OVERHEAD DOOR DETAIL @ X1.11 / X1.12 - JAMB
3" = 1'-0"



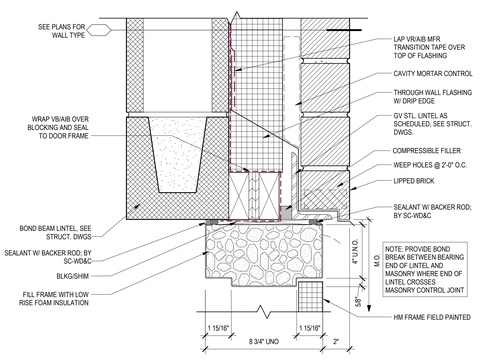
M20 TYPICAL HM DOOR FRAME @ X3.12 WALL - JAMB
3" = 1'-0"



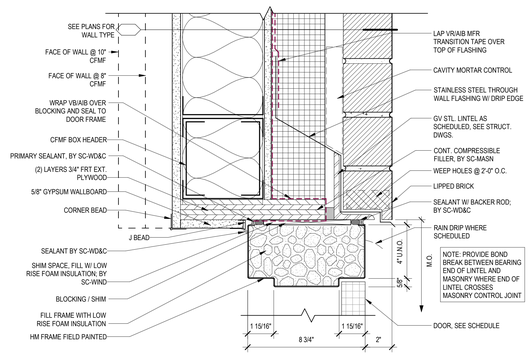
M26 TYPICAL HM DOOR FRAME @ X1.12 WALL - JAMB
3" = 1'-0"



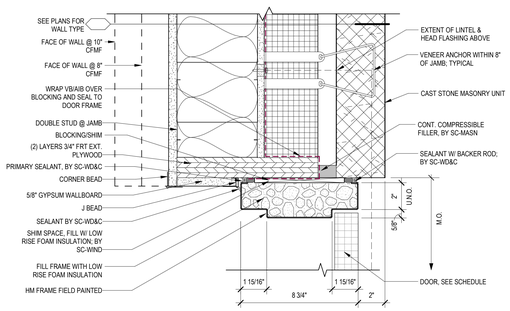
M20 TYPICAL HM DOOR FRAME @ X3.12 WALL - JAMB
3" = 1'-0"



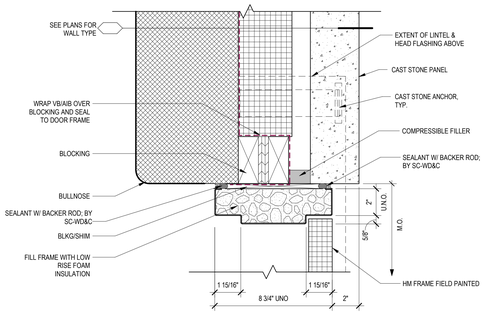
HM METAL 4 SIDED DOOR FRAME @ X1.11 / X1.12 / X2.11 / X2.12 / X5.11 / X5.12 WALL, ROOF FLASHING & STAIR LANDING- SILL
M7 3" = 1'-0"



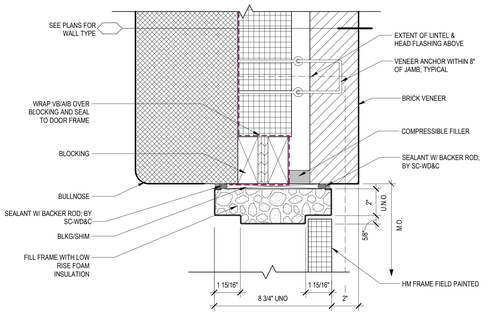
F26 TYPICAL HM DOOR FRAME @ X1.12 WALL - HEAD
3" = 1'-0"



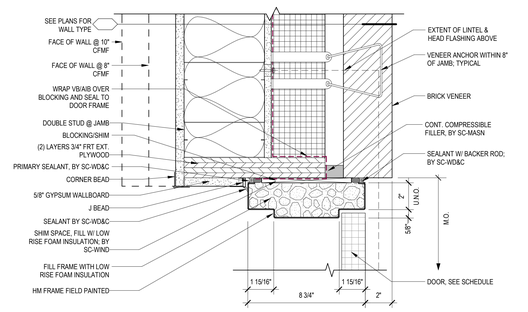
F20 TYPICAL HM DOOR FRAME @ X3.13 WALL - HEAD
3" = 1'-0"



F14 TYPICAL HM DOOR FRAME @ X3.11 / X4.11 WALL - HEAD
3" = 1'-0"



F7 TYPICAL HM DOOR FRAME @ X1.11 / X2.11 / X5.11 WALL - HEAD
3" = 1'-0"



A26 TYPICAL HM DOOR FRAME @ X1.12 WALL - JAMB
3" = 1'-0"

A20 TYPICAL HM DOOR FRAME @ X3.13 WALL - JAMB
3" = 1'-0"

A14 TYPICAL HM DOOR FRAME @ X3.11 / X4.11 WALL - JAMB
3" = 1'-0"

A7 TYPICAL HM DOOR FRAME @ X1.11 / X2.11 / X5.11 WALL - JAMB
3" = 1'-0"

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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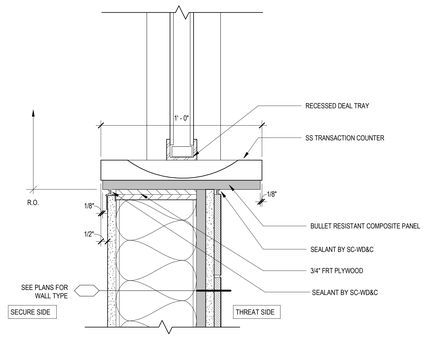
KEY PLAN

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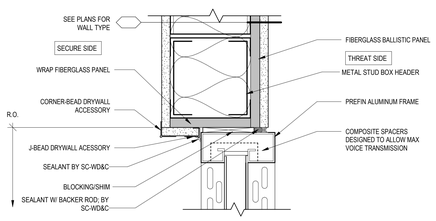
SCALE: AS INDICATED

SHEET TITLE:
DOOR AND LOUVER DETAILS

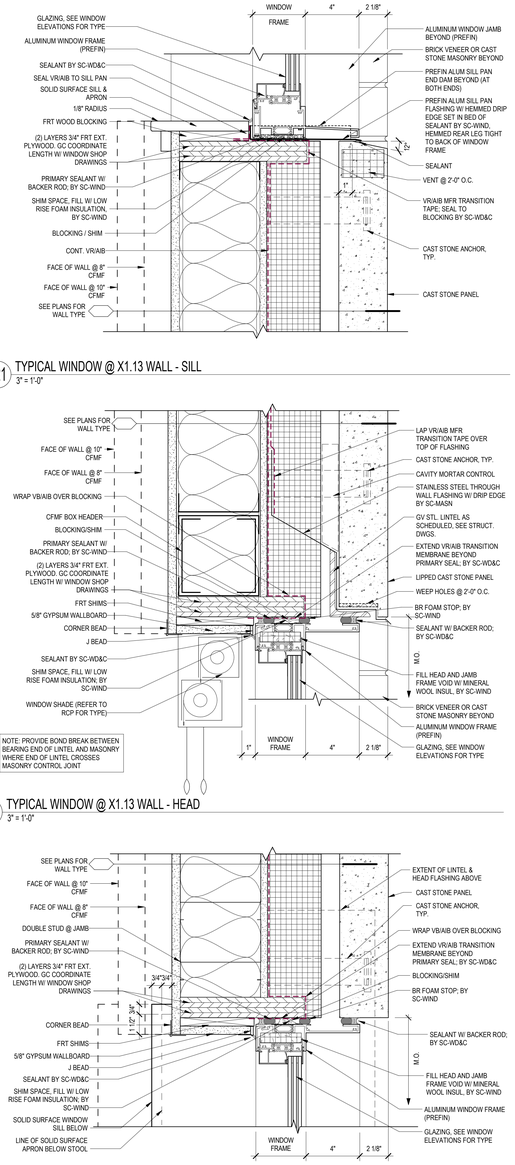
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L26 BALLISTIC TRANSACTION WINDOW SILL DETAIL
3" = 1'-0"

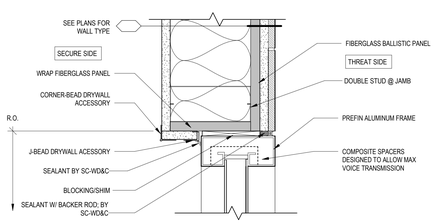


A26 BALLISTIC TRANSACTION WINDOW JAMB DETAIL
3" = 1'-0"



L21 TYPICAL WINDOW @ X1.13 WALL - SILL
3" = 1'-0"

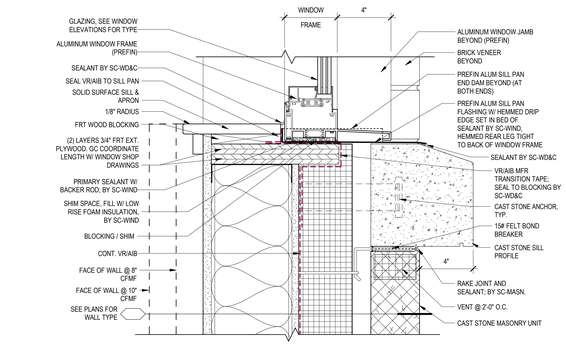
F26 BALLISTIC TRANSACTION WINDOW HEAD DETAIL
3" = 1'-0"



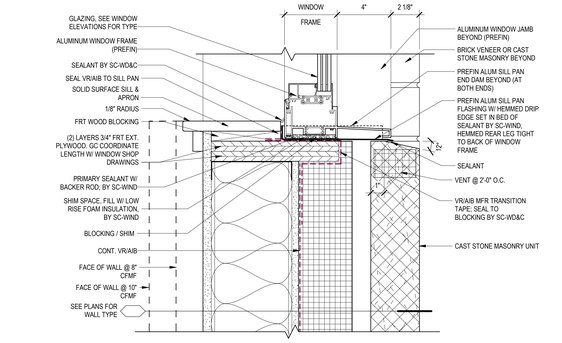
A26 BALLISTIC TRANSACTION WINDOW JAMB DETAIL
3" = 1'-0"

F21 TYPICAL WINDOW @ X1.13 WALL - HEAD
3" = 1'-0"

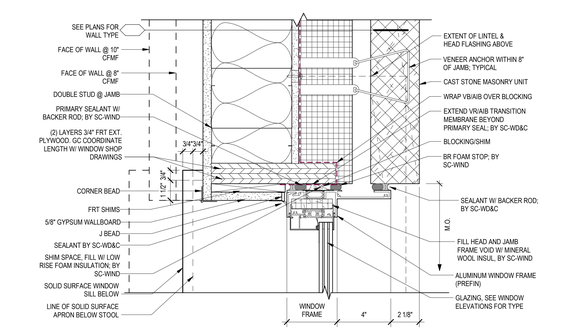
A21 TYPICAL WINDOW @ X1.13 WALL - JAMB
3" = 1'-0"



R14 TYPICAL WINDOW @ X1.12 WALL W/ CAST STONE SILL PROFILE - SILL
3" = 1'-0"

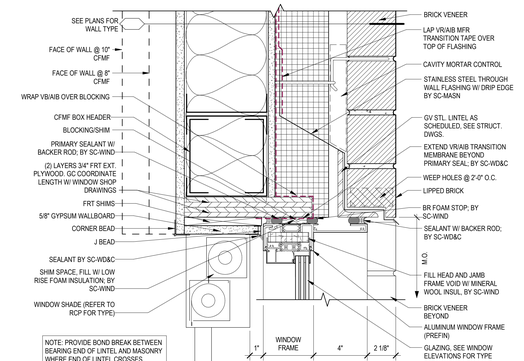


L14 TYPICAL WINDOW @ X1.12 WALL - SILL
3" = 1'-0"

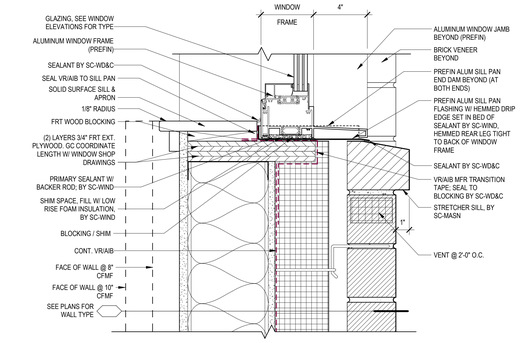


F14 TYPICAL WINDOW @ X1.12 WALL - HEAD W/ CAST STONE LINTEL
3" = 1'-0"

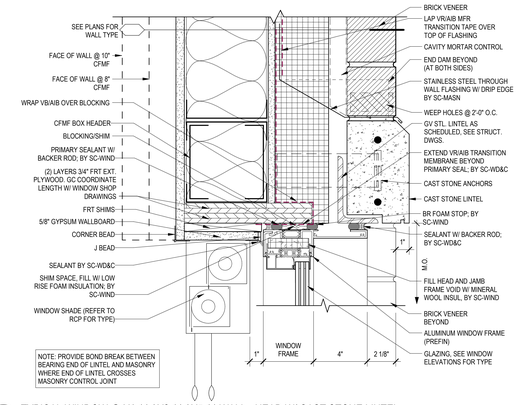
A14 TYPICAL WINDOW @ X1.12 WALL - JAMB
3" = 1'-0"



R7 TYPICAL WINDOW @ X1.11 / X2.11 / X5.11 WALL - HEAD
3" = 1'-0"



L7 TYPICAL WINDOW @ X1.11 / X2.11 / X5.11 WALL - SILL
3" = 1'-0"



F7 TYPICAL WINDOW @ X1.11 / X2.11 / X5.11 WALL - HEAD W/ CAST STONE LINTEL
3" = 1'-0"

A7 TYPICAL WINDOW @ X1.11 / X2.11 / X5.11 WALL - JAMB
3" = 1'-0"

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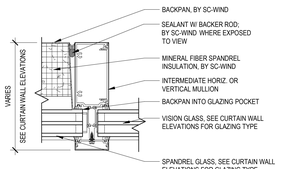
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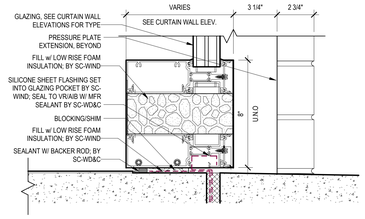
SCALE: AS INDICATED

SHEET TITLE:
WINDOW DETAILS

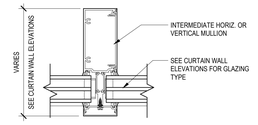
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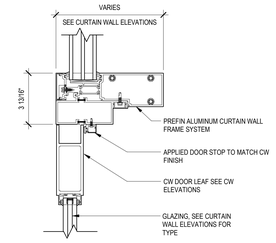
R26 TYPICAL CURTAIN WALL MULLION SPANDREL GLASS
3" = 1'-0"



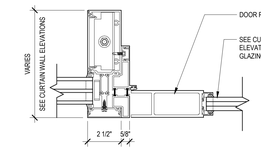
R22 TYPICAL CURTAIN WALL SILL @ SLAB ON GRADE
3" = 1'-0"



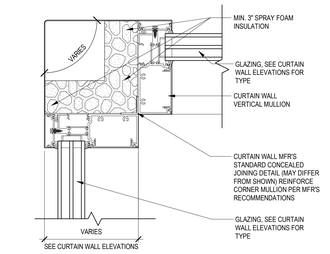
R17 TYPICAL CURTAIN WALL INTERMEDIATE MULLION
3" = 1'-0"



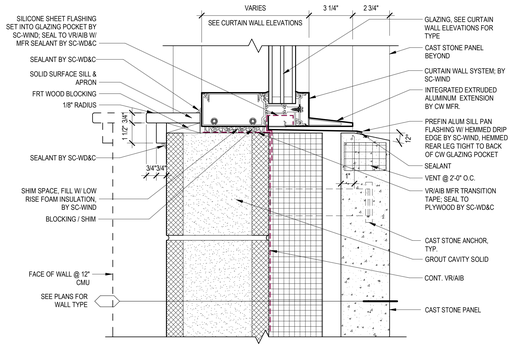
R13 TYPICAL CURTAIN WALL HEAD @ TRANSOM
3" = 1'-0"



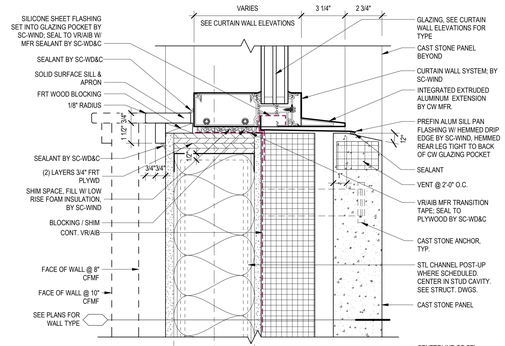
R9 TYPICAL CURTAIN WALL INTERMEDIATE DOOR MULLION
3" = 1'-0"



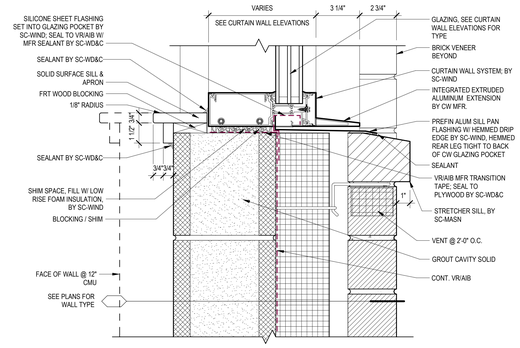
R5 TYPICAL CURTAIN WALL CORNER MULLION
3" = 1'-0"



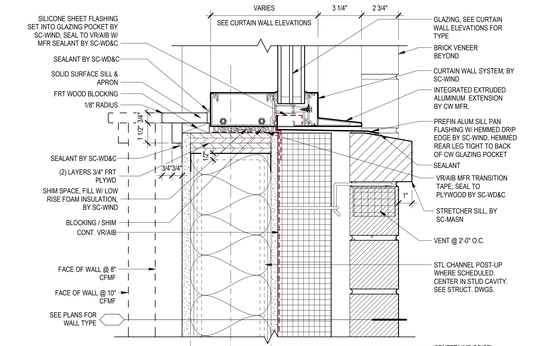
R27 TYPICAL CURTAIN WALL @ X3.13 WALL - SILL
3" = 1'-0"



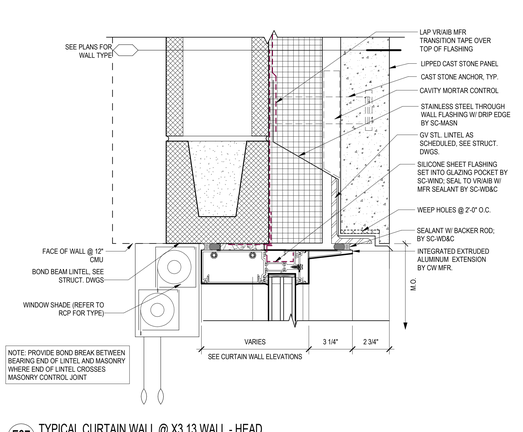
F21 TYPICAL CURTAIN WALL @ X1.13 WALL - HEAD
3" = 1'-0"



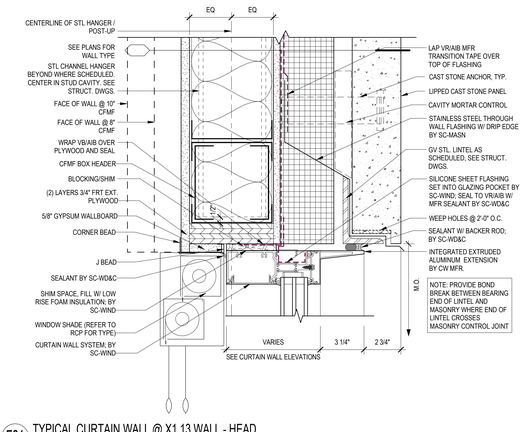
F14 TYPICAL CURTAIN WALL @ X3.11 / X4.11 WALL - HEAD
3" = 1'-0"



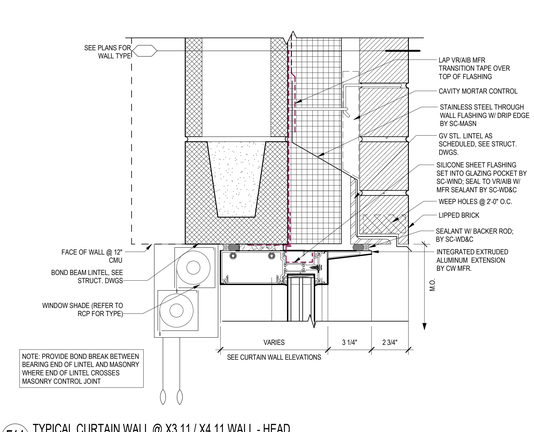
F7 TYPICAL CURTAIN WALL @ X1.11 WALL - HEAD
3" = 1'-0"



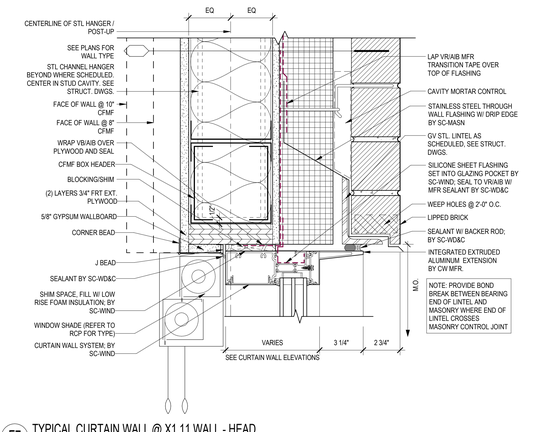
L27 TYPICAL CURTAIN WALL @ X3.13 WALL - SILL
3" = 1'-0"



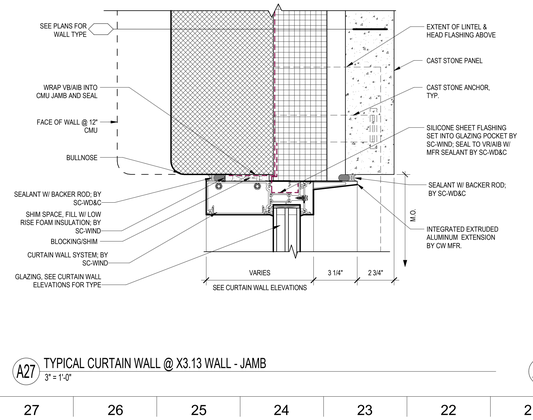
L21 TYPICAL CURTAIN WALL @ X1.13 WALL - SILL
3" = 1'-0"



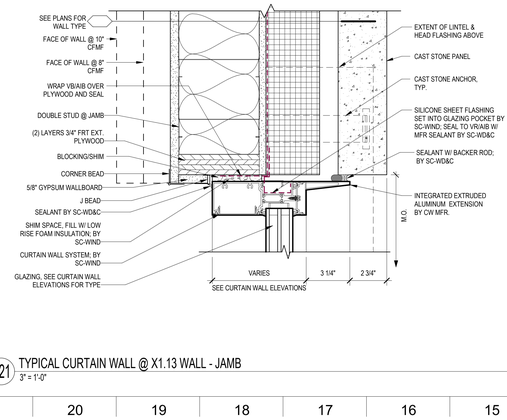
L14 TYPICAL CURTAIN WALL @ X3.11 / X4.11 WALL - SILL
3" = 1'-0"



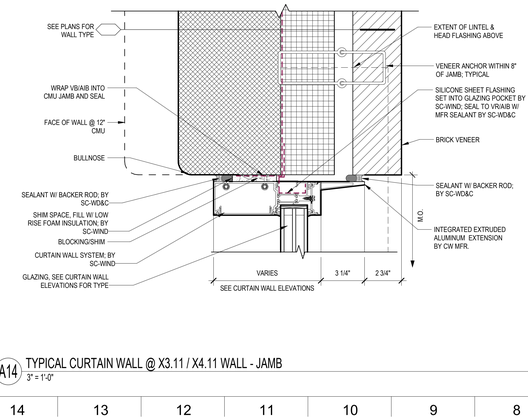
L7 TYPICAL CURTAIN WALL @ X1.11 WALL - SILL
3" = 1'-0"



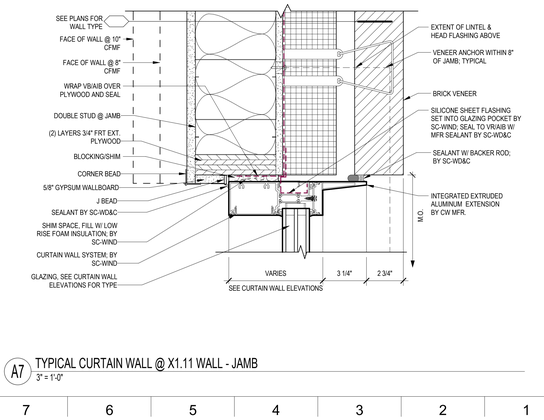
F27 TYPICAL CURTAIN WALL @ X3.13 WALL - HEAD
3" = 1'-0"



F21 TYPICAL CURTAIN WALL @ X1.13 WALL - HEAD
3" = 1'-0"



F14 TYPICAL CURTAIN WALL @ X3.11 / X4.11 WALL - HEAD
3" = 1'-0"



F7 TYPICAL CURTAIN WALL @ X1.11 WALL - HEAD
3" = 1'-0"

A27 TYPICAL CURTAIN WALL @ X3.13 WALL - JAMB
3" = 1'-0"

A21 TYPICAL CURTAIN WALL @ X1.13 WALL - JAMB
3" = 1'-0"

A14 TYPICAL CURTAIN WALL @ X3.11 / X4.11 WALL - JAMB
3" = 1'-0"

A7 TYPICAL CURTAIN WALL @ X1.11 WALL - JAMB
3" = 1'-0"

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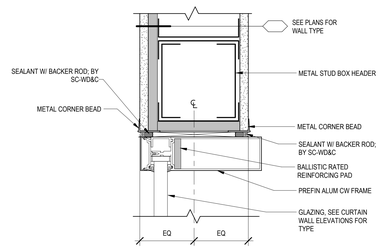
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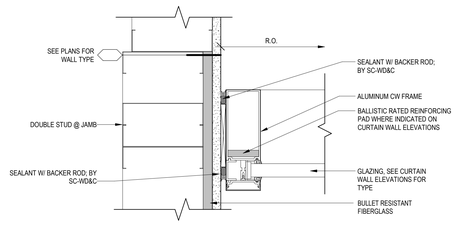
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SHEET TITLE:
CURTAINWALL DETAILS

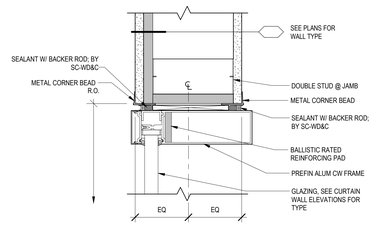
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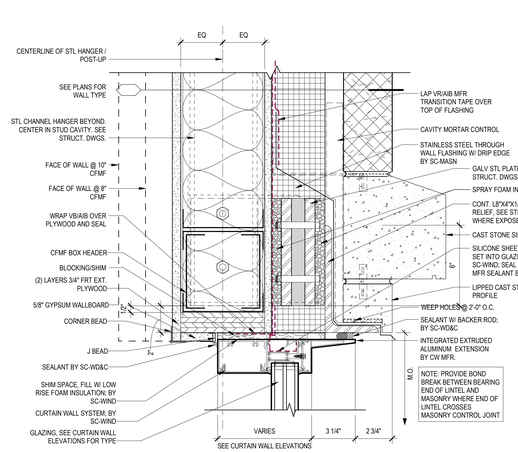
T26 TYPICAL CURTAINWALL @ MTL STUD - HEAD - BALLISTIC
3" = 1'-0"



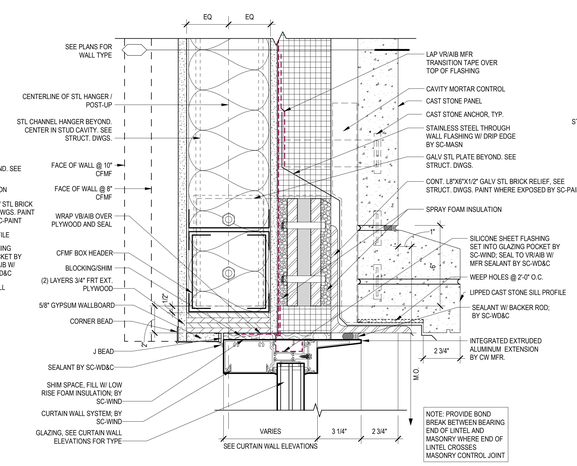
P26 TYPICAL CURTAINWALL @ MTL STUD - JAMB - BALLISTIC
3" = 1'-0"



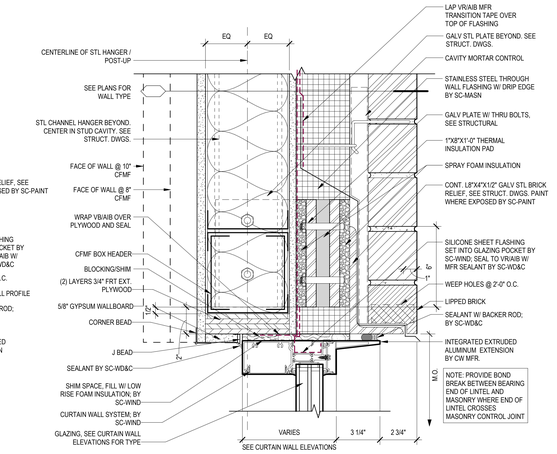
L26 TYPICAL CURTAINWALL @ MTL STUD - JAMB - BALLISTIC
3" = 1'-0"



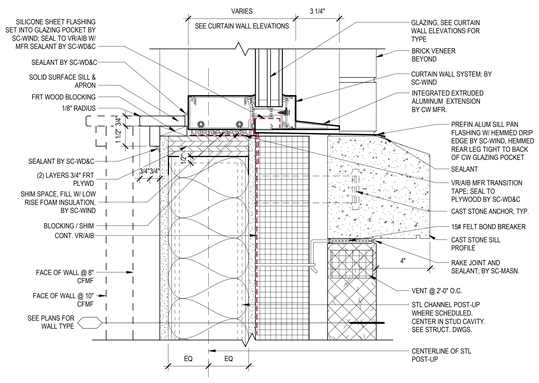
L21 TYPICAL CURTAIN WALL @ X1.12 WALL W/ CAST STONE - HEAD W/ STRUCT BRICK RELIEF
3" = 1'-0"



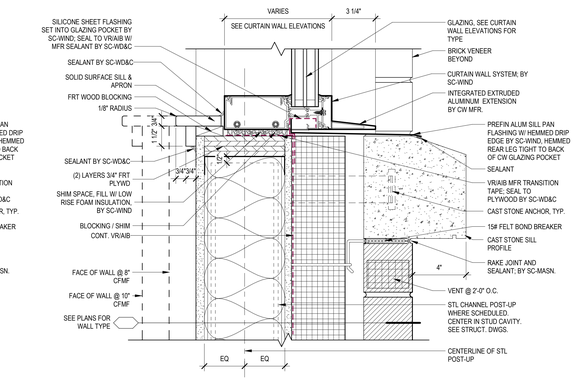
L14 TYPICAL CURTAIN WALL @ X1.11 WALL W/ CAST STONE - HEAD W/ STRUCT BRICK RELIEF
3" = 1'-0"



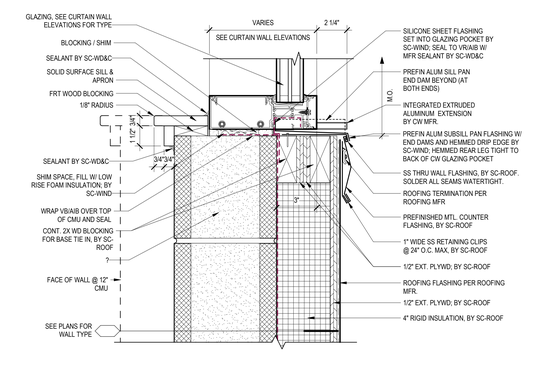
L7 TYPICAL CURTAIN WALL @ X1.11 WALL - HEAD W/ STRUCT BRICK RELIEF
3" = 1'-0"



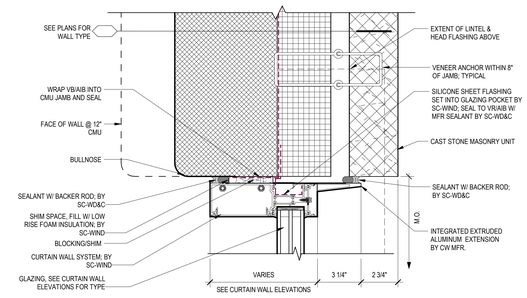
F27 TYPICAL CURTAIN WALL @ X1.12 WALL W/ CAST STONE SILL PROFILE - SILL
3" = 1'-0"



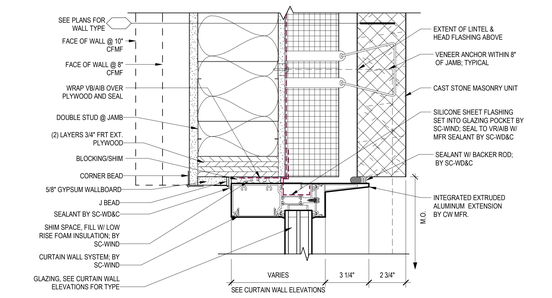
F21 TYPICAL CURTAIN WALL @ X1.11 WALL W/ CAST STONE SILL PROFILE - SILL
3" = 1'-0"



F14 TYPICAL CURTAIN WALL @ MEMBRANE ROOF FLASHING - SILL
3" = 1'-0"



A14 TYPICAL CURTAIN WALL @ X3.12 WALL - JAMB
3" = 1'-0"



F7 TYPICAL CURTAIN WALL @ X1.12 WALL - SILL
3" = 1'-0"

A7 TYPICAL CURTAIN WALL @ X1.12 WALL - JAMB
3" = 1'-0"

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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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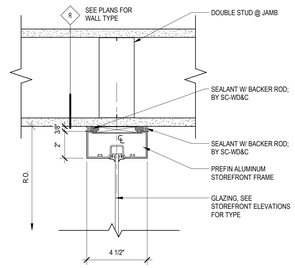
KEY PLAN

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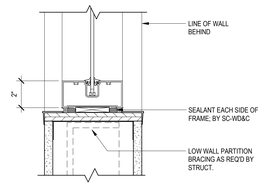
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CURTAINWALL DETAILS

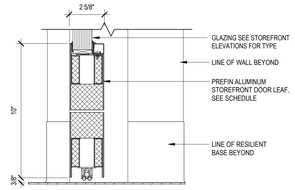
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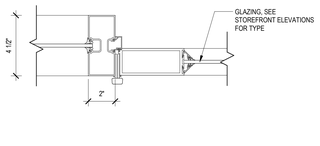
T10 TYPICAL STOREFRONT @ PERPEND. TO MTL STUD - JAMB
3" = 1'-0"



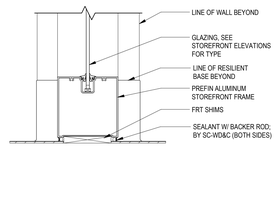
Q10 TYPICAL STOREFRONT SILL @ MTL STUD
3" = 1'-0"



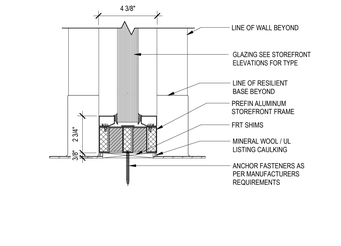
Q5 TYPICAL FIRE RATED STOREFRONT - DOOR SILL
3" = 1'-0"



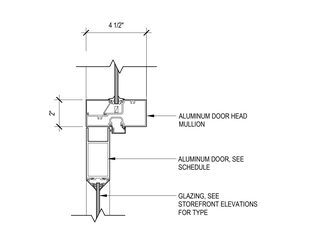
L15 TYPICAL STOREFRONT DOOR TO GLAZING MULLION
3" = 1'-0"



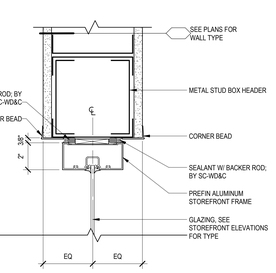
L10 TYPICAL STOREFRONT BASE
3" = 1'-0"



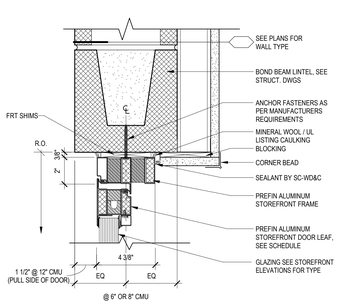
L5 TYPICAL FIRE RATED STOREFRONT - SILL
3" = 1'-0"



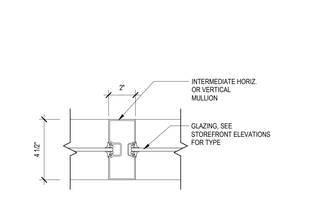
F15 TYPICAL STOREFRONT TRANSOM MULLION
3" = 1'-0"



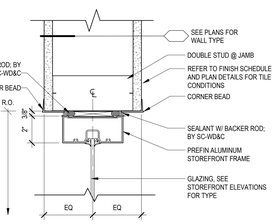
F10 TYPICAL STOREFRONT @ MTL STUD - HEAD
3" = 1'-0"



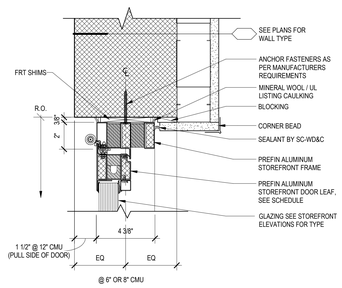
F5 TYPICAL FIRE RATED STOREFRONT @ CMU - HEAD
3" = 1'-0"



A15 TYPICAL STOREFRONT GLAZING MULLION
3" = 1'-0"



A10 TYPICAL STOREFRONT @ MTL STUD - JAMB
3" = 1'-0"



A5 TYPICAL FIRE RATED STOREFRONT @ CMU - JAMB
3" = 1'-0"

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PROJECT NUMBER: 23-0847

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KEY PLAN

ORIENTATION AND SCALE:

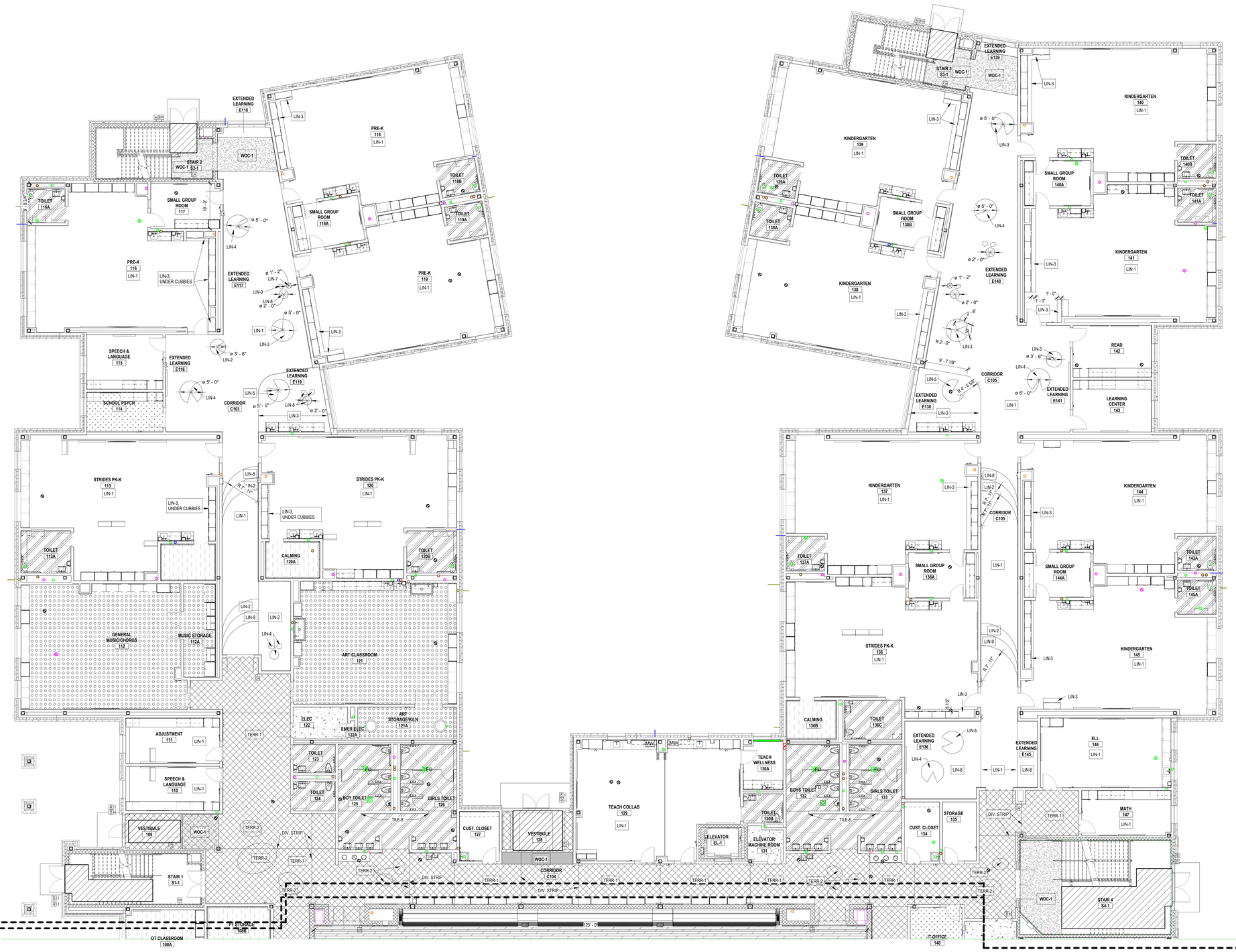
SCALE: AS INDICATED

SHEET TITLE:

STOREFRONT DETAILS

SHEET NUMBER:

A8.80



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.50. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
3. SEE CONSTRUCTION FLOOR PLANS FOR FLOORS SLOPING TO DRAINS AND LOCATIONS OF FLOOR DRAINS. INSTALL FLOOR FINISHES AS APPROPRIATE TO SLOPING CONDITIONS AND DRAINS. DO NOT INSTALL VCT, TILE OR OTHER HARD SURFACE FLOORING ACROSS CHANGES IN FLOOR PLANE. INSTALL PER SPECIFICATIONS AND INCORPORATE MFR. RECOMMENDED DETAILS.
4. LOCATE ALL CHANGES IN FLOORING OR IN MATERIAL COLOR AT DOOR OPENINGS UNDER THE CENTER OF DOOR WHEN IN THE CLOSED POSITION UNLESS SPECIFICALLY NOTED OTHERWISE. LOCATE CHANGES IN FLOORING OR COLOR AT THE MID-POINT OF JAMB DEPTH AT CASED OPENINGS OR WALL OPENINGS WITH NO DOORS, UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLANS OR DETAILS.
5. THE WORKING POINT FOR BEGINNING THE LAYOUT OF ALL FLOORS SHALL BE ASSUMED AS THE DIAGONAL CENTER OF EACH ROOM, UNLESS SPECIFICALLY NOTED OTHERWISE. IN THE CASE OF IRREGULARLY SHAPED SPACES, THE WORKING POINT SHALL BE THE DIAGONAL CENTER OF THE LARGEST RECTILINEAR AREA UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THE WORKING POINT FOR TILE FLOORING MATERIALS SHALL BE A JOINT INTERSECTION, UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
7. THE WORKING POINT FOR SHEET FLOORING INSTALLATION SHALL BE THE EDGE OR MIDPOINT OF THE SHEET WIDTH UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
8. WHEN SHEET FLOORING "FIELDS" ARE SURROUNDED BY BORDERS, THE JOINTS SHALL BE CENTERED WITHIN THE FIELD, AND THE END PASSES SHALL BE CUT TO FIT THE BORDER DIMENSIONS SHOWN.
9. JOINTS IN SHEET FLOORING PRODUCTS SHALL BE LOCATED WHERE INDICATED. WHERE NO JOINT LOCATIONS ARE INDICATED, THE LOCATION OF JOINTS SHALL BE AT THE CONTRACTOR'S OPTION SUBJECT TO THE REQUIREMENTS OF THESE GENERAL NOTES. PROPOSED JOINT / SEAM LOCATIONS SHALL BE SUBMITTED WITH THE CONTRACTOR'S SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
10. THE DESIGN ASSUMES AN INDUSTRY STANDARD SHEET FLOORING PRODUCT WIDTH OF 6'-7" NOMINAL DUE TO SLIGHT VARIANCES IN MANUFACTURER'S PRODUCTS, DIMENSIONS SHOWN THAT ARE BASED ON 6'-7" MULTIPLES OR FACTORS THEREOF ARE NOT INTENDED TO REQUIRE CUTTING OF MATERIAL TO THE EXACT DIMENSION. WHEN EQUIVALENT APPROVED PRODUCTS OR SUBSTITUTIONS ARE PROPOSED IN DIFFERENT WIDTHS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING THE PROPOSED LAYOUT AND SEAM LOCATIONS.
11. JOINTS IN SHEET GOODS USED AS INSET BORDER MATERIALS SHALL BE MITERED AT CORNERS OF THE BORDER. BUTT JOINTS WILL NOT BE ACCEPTED.
12. ALL STAIR TREADS AND INTERMEDIATE LANDINGS SHALL INCLUDE RAISED RUBBER TILE (RRT) FLOORING. PROVIDE TREAD AND RISER COMPONENTS FROM SAME MANUFACTURER AND PRODUCT LINE AS RUBBER TILE FLOORING AT LANDINGS.
13. AT CAST IN PLACE STAIRS OR STAIRS WITHOUT METAL STRINGERS, PROVIDE RESILIENT STRINGER BASE PRODUCTS SPECIFICALLY MADE FOR THAT APPLICATION AT WALLS ADJACENT TO RISERS AND TREADS. PRODUCTS SHALL BE FROM SAME MANUFACTURER AS ADJACENT RESILIENT BASE. STANDARD STRAIGHT OR COVED BASE CUT TO FIT APPLICATION IS NOT ACCEPTABLE.
14. THE FLOOR FINISH AT ALL ELECTRICAL, MECHANICAL, AND OTHER SIMILAR UTILITY SPACES SHALL BE SEALED CONCRETE UNLESS SPECIFICALLY NOTED OTHERWISE. SEALER PROVIDED AND INSTALLED BY DIVISION 3 CONCRETE CONTRACTOR.
15. THE CONCRETE CONTRACTOR IS OBLIGATED TO PROVIDE SLABS MEETING THE FLOOR FLATNESS AND LEVELNESS (FF AND FL) TOLERANCES LISTED IN THE DIVISION 3 SPECIFICATION. THE FLOORING CONTRACTOR IS OBLIGATED TO REMEDIATE SUBSTRATE FLATNESS AND LEVELNESS ISSUES THAT ARE WITHIN THIS TOLERANCE BUT WITH WHICH THE MANUFACTURER OR INSTALLER IDENTIFIES AS UNSATISFACTORY OR UNACCEPTABLE TO BEGIN FLOORING INSTALLATION, INCLUDING REMEDIATION MEASURES INCLUDING (BUT NOT LIMITED TO) FLOOR PATCHING OR SELF-LEVELING COMPOUND.
16. AT THE CONTRACTOR'S REQUEST AND FOR THEIR CONVENIENCE, A CAD OR ELECTRONIC FILE OF THE FLOOR COVERING LAYOUTS WILL BE PROVIDED BY THE ARCHITECT. THE LAYHOUT INDICATED IS FOR THE GENERAL DESIGN INTENT. THE CONTRACTOR MAY ADJUST THIS LAYOUT WITHIN TOLERANCE OF SIX INCHES TO ANY LINE TO BEST ACCOMMODATE MATERIAL SHEET WIDTHS AND SEAMING LOCATIONS. THE INSTALLED WORK SHALL GENERALLY BE WITHIN THE TOLERANCE SPECIFIED HEREIN OF THE DESIGN INDICATED LAYOUT DIAGRAMS SHALL BE SUBMITTED FOR REVIEW PRIOR TO OFF-SISTE FABRICATION OR CUTTING OF THE FLOORING. SUBMITTED DRAWINGS SHALL ALSO INDICATE SEAM LOCATIONS IN FIELDS OF FLOORING.

FINISHES LEGEND

- CARPET (CPT)
- EPOXY (EPX)
- LIN-# — LINOLEUM SHEET FLOORING (LIN)
- SEALED CONCRETE (SLR)
- ESD STATIC CONTROL TILE (SDT-1)
- QUARTZ FLOORING (QTZ-1)
- PLATFORM STEPS-WOOD
- RUBBER SHEET FLOORING (RSF)
- WALK OFF CARPET (WOC)
- WALK-OFF FOOT GRILLE (WOG-1)
- TERRAZZO
- RUBBER STAIR FLOOR - (CONTINUES TREAD & RISER, STRINGER, AND LANDINGS (RST)
- WOOD ATHLETIC FLOORING (WAF)
- RESILIENT ATHLETIC FLOORING (RAF-1)

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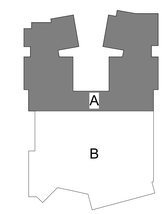
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KEY PLAN



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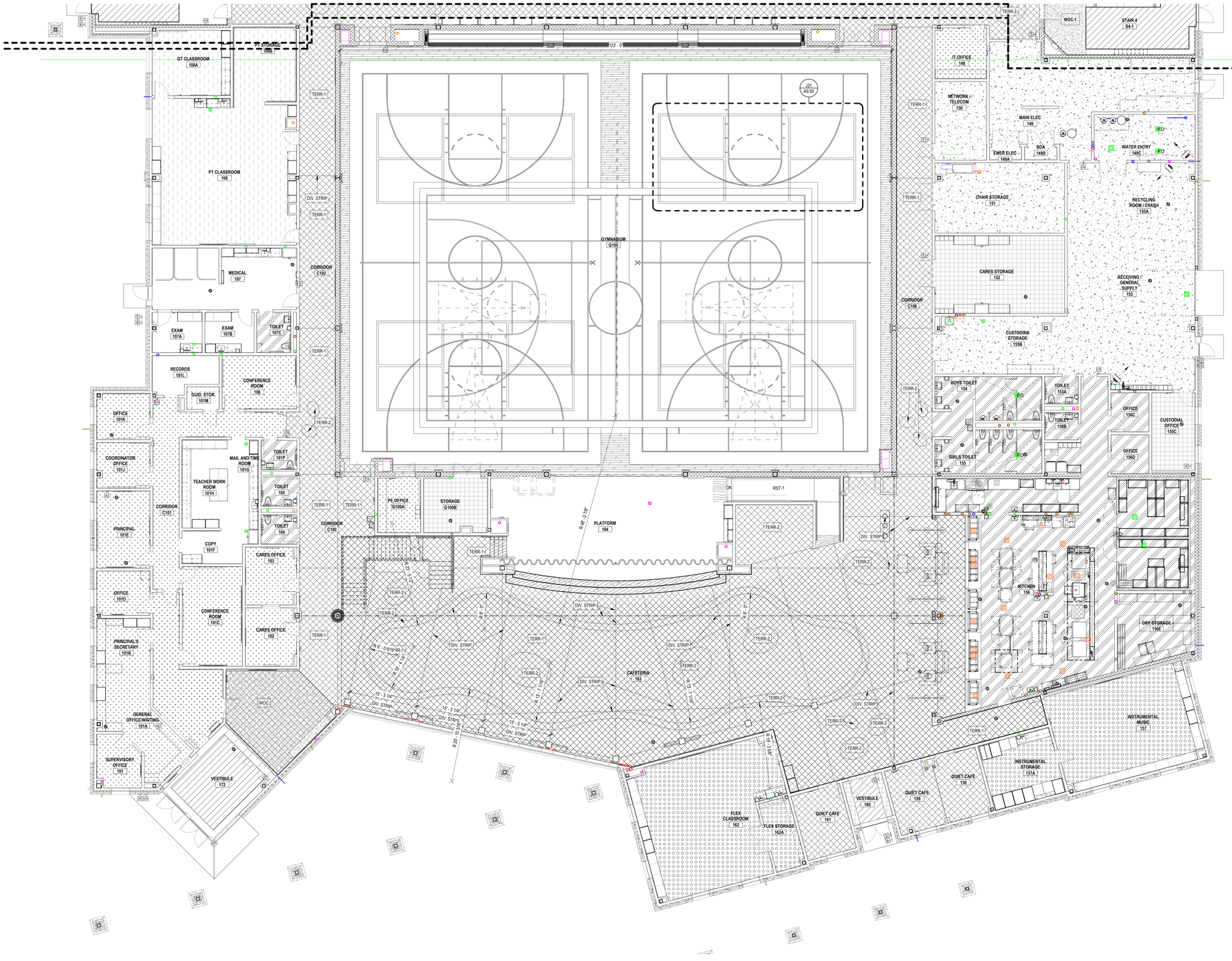
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SCALE: 1/8"=1'-0" GRAPHIC SCALE
TRUE NORTH
PROJECT NORTH

SHEET TITLE:

LEVEL 1 FINISH PLAN - AREA A

SHEET NUMBER:

A9.11



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.92. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
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4. LOCATE ALL CHANGES IN FLOORING OR IN MATERIAL COLOR AT DOOR OPENINGS UNDER THE CENTER OF DOOR WHEN IN THE CLOSED POSITION UNLESS SPECIFICALLY NOTED OTHERWISE. LOCATE CHANGES IN FLOORING OR COLOR AT THE MID-POINT OF JAMB DEPTH AT CASED OPENINGS OR WALL OPENINGS WITH NO DOORS, UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLANS OR DETAILS.
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- ESD STATIC CONTROL TILE (SDT-1)
- QUARTZ FLOORING (QTZ-1)
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- RUBBER SHEET FLOORING (RSF)
- WALK OFF CARPET (WOC)
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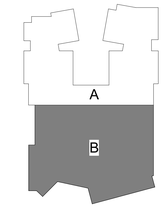
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 1 FINISH PLAN - AREA B

SHEET NUMBER:

A9.12



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.50. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
3. SEE CONSTRUCTION FLOOR PLANS FOR FLOORS SLOPING TO DRAINS AND LOCATIONS OF FLOOR DRAINS. INSTALL FLOOR FINISHES AS APPROPRIATE TO SLOPING CONDITIONS AND DRAINS. DO NOT INSTALL VCT, TILE OR OTHER HARD SURFACE FLOORING ACROSS CHANGES IN FLOOR PLANE. INSTALL PER SPECIFICATIONS AND INCORPORATE MFR. RECOMMENDED DETAILS.
4. LOCATE ALL CHANGES IN FLOORING OR IN MATERIAL COLOR AT DOOR OPENINGS UNDER THE CENTER OF DOOR WHEN IN THE CLOSED POSITION UNLESS SPECIFICALLY NOTED OTHERWISE. LOCATE CHANGES IN FLOORING OR COLOR AT THE MID-POINT OF JAMB DEPTH AT CASED OPENINGS OR WALL OPENINGS WITH NO DOORS, UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLANS OR DETAILS.
5. THE WORKING POINT FOR BEGINNING THE LAYOUT OF ALL FLOORS SHALL BE ASSUMED AS THE DIAGONAL CENTER OF EACH ROOM, UNLESS SPECIFICALLY NOTED OTHERWISE. IN THE CASE OF IRREGULARLY SHAPED SPACES, THE WORKING POINT SHALL BE THE DIAGONAL CENTER OF THE LARGEST RECTILINEAR AREA UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THE WORKING POINT FOR TILE FLOORING MATERIALS SHALL BE A JOINT INTERSECTION, UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
7. THE WORKING POINT FOR SHEET FLOORING INSTALLATION SHALL BE THE EDGE OR MIDPOINT OF THE SHEET WIDTH UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
8. WHEN SHEET FLOORING "FIELDS" ARE SURROUNDED BY BORDERS, THE JOINTS SHALL BE CENTERED WITHIN THE FIELD, AND THE END PASSES SHALL BE CUT TO FIT THE BORDER DIMENSIONS SHOWN.
9. JOINTS IN SHEET FLOORING PRODUCTS SHALL BE LOCATED WHERE INDICATED. WHERE NO JOINT LOCATIONS ARE INDICATED, THE LOCATION OF JOINTS SHALL BE AT THE CONTRACTOR'S OPTION SUBJECT TO THE REQUIREMENTS OF THESE GENERAL NOTES. PROPOSED JOINT / SEAM LOCATIONS SHALL BE SUBMITTED WITH THE CONTRACTOR'S SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
10. THE DESIGN ASSUMES AN INDUSTRY STANDARD SHEET FLOORING PRODUCT WIDTH OF 6'-7" NOMINAL DUE TO SLIGHT VARIANCES IN MANUFACTURER'S PRODUCTS, DIMENSIONS SHOWN THAT ARE BASED ON 6'-7" MULTIPLES OR FACTORS THEREOF ARE NOT INTENDED TO REQUIRE CUTTING OF MATERIAL TO THE EXACT DIMENSION. WHEN EQUIVALENT APPROVED PRODUCTS OR SUBSTITUTIONS ARE PROPOSED IN DIFFERENT WIDTHS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING THE PROPOSED LAYOUT AND SEAM LOCATIONS.
11. JOINTS IN SHEET GOODS USED AS INSET BORDER MATERIALS SHALL BE MITERED AT CORNERS OF THE BORDER. BUTT JOINTS WILL NOT BE ACCEPTED.
12. ALL STAIR TREADS AND INTERMEDIATE LANDINGS SHALL INCLUDE RAISED RUBBER TILE (RRT) FLOORING. PROVIDE TREAD AND RISER COMPONENTS FROM SAME MANUFACTURER AND PRODUCT LINE AS RUBBER TILE FLOORING AT LANDINGS.
13. AT CAST IN PLACE STAIRS OR STAIRS WITHOUT METAL STRINGERS, PROVIDE RESILIENT STRINGER BASE PRODUCTS SPECIFICALLY MADE FOR THAT APPLICATION AT WALLS ADJACENT TO RISERS AND TREADS. PRODUCTS SHALL BE FROM SAME MANUFACTURER AS ADJACENT RESILIENT BASE. STANDARD STRAIGHT OR COVED BASE CUT TO FIT APPLICATION IS NOT ACCEPTABLE.
14. THE FLOOR FINISH AT ALL ELECTRICAL, MECHANICAL, AND OTHER SIMILAR UTILITY SPACES SHALL BE SEALED CONCRETE UNLESS SPECIFICALLY NOTED OTHERWISE. SEALER PROVIDED AND INSTALLED BY DIVISION 3 CONCRETE CONTRACTOR.
15. THE CONCRETE CONTRACTOR IS OBLIGATED TO PROVIDE SLABS MEETING THE FLOOR FLATNESS AND LEVELNESS (FF AND FL) TOLERANCES LISTED IN THE DIVISION 3 SPECIFICATION. THE FLOORING CONTRACTOR IS OBLIGATED TO REMEDIATE SUBSTRATE FLATNESS AND LEVELNESS ISSUES THAT ARE WITHIN THIS TOLERANCE BUT WITH WHICH THE MANUFACTURER OR INSTALLER IDENTIFIES AS UNSATISFACTORY OR UNACCEPTABLE TO BEGIN FLOORING INSTALLATION, INCLUDING REMEDIATION MEASURES INCLUDING (BUT NOT LIMITED TO) FLOOR PATCHING OR SELF-LEVELING COMPOUND.
16. AT THE CONTRACTOR'S REQUEST AND FOR THEIR CONVENIENCE, A CAD OR ELECTRONIC FILE OF THE FLOOR COVERING LAYOUTS WILL BE PROVIDED BY THE ARCHITECT. THE LAYHOUT INDICATED IS FOR THE GENERAL DESIGN INTENT. THE CONTRACTOR MAY ADJUST THIS LAYOUT WITHIN TOLERANCE OF SIX INCHES TO ANY LINE TO BEST ACCOMMODATE MATERIAL SHEET WIDTHS AND SEAMING LOCATIONS. THE INSTALLED WORK SHALL GENERALLY BE WITHIN THE TOLERANCE SPECIFIED HEREIN OF THE DESIGN INDICATED LAYOUT DIAGRAMS SHALL BE SUBMITTED FOR REVIEW PRIOR TO OFF-SISTE FABRICATION OR CUTTING OF THE FLOORING. SUBMITTED DRAWINGS SHALL ALSO INDICATE SEAM LOCATIONS IN FIELDS OF FLOORING.

FINISHES LEGEND

- CARPET (CPT)
- EPOXY (EPX)
- LIN-# LINOLEUM SHEET FLOORING (LIN)
- SEALED CONCRETE (SLR)
- ESD STATIC CONTROL TILE (SDT-1)
- QUARTZ FLOORING (QTZ-1)
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P: (978) 499-2999

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BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

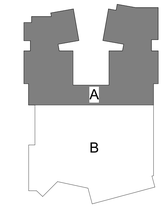
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

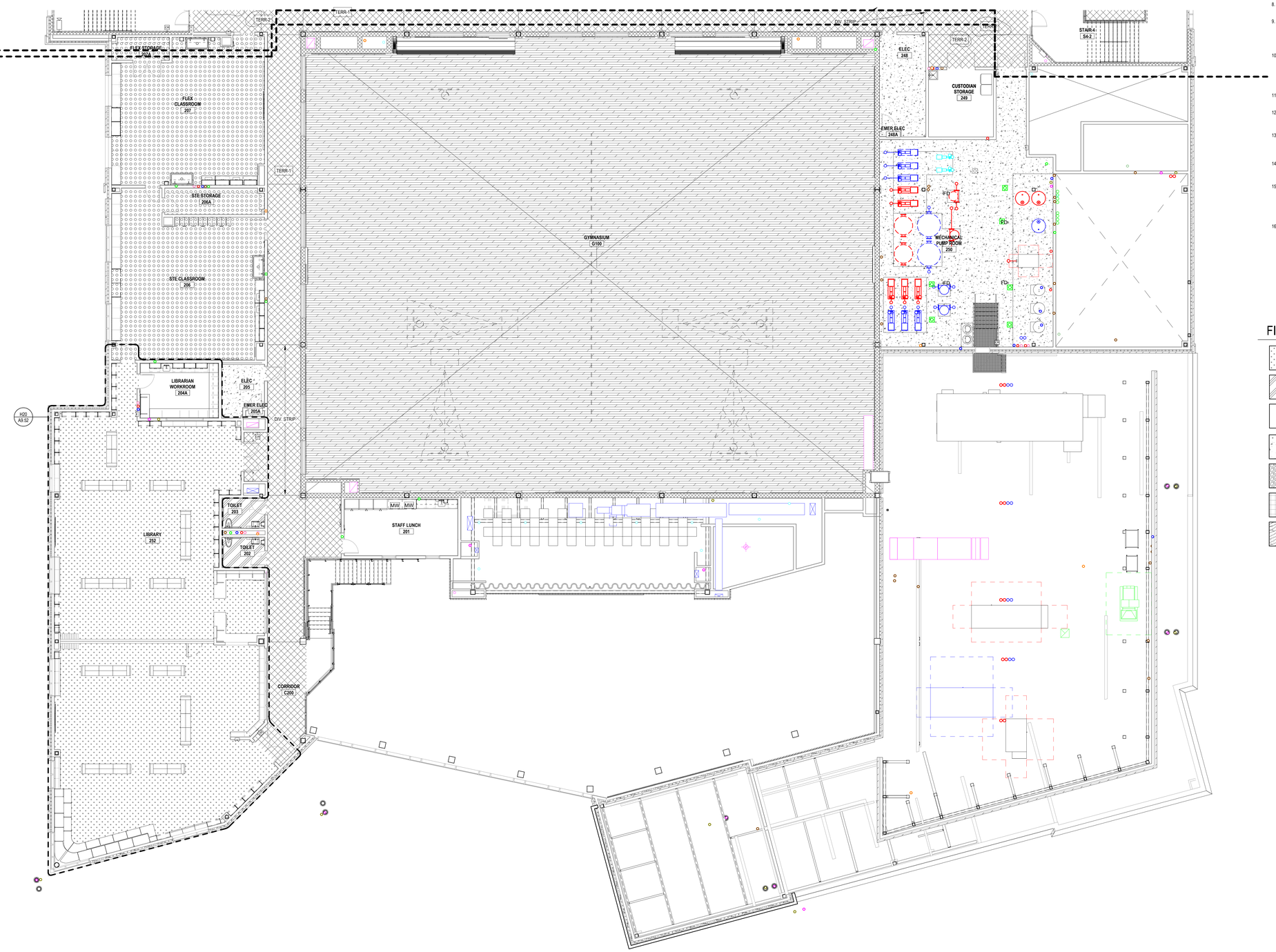
PROJECT NORTH

SHEET TITLE:

LEVEL 2 FINISH PLAN - AREA A

SHEET NUMBER:

A9.21



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.50. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
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6. THE WORKING POINT FOR TILE FLOORING MATERIALS SHALL BE A JOINT INTERSECTION, UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
7. THE WORKING POINT FOR SHEET FLOORING INSTALLATION SHALL BE THE EDGE OR MIDPOINT OF THE SHEET WIDTH UNLESS SPECIFICALLY INDICATED AS OTHERWISE AT PLANS.
8. WHEN SHEET FLOORING "FIELDS" ARE SURROUNDED BY BORDERS, THE JOINTS SHALL BE CENTERED WITHIN THE FIELD, AND THE END PASSES SHALL BE CUT TO FIT THE BORDER DIMENSIONS SHOWN.
9. JOINTS IN SHEET FLOORING PRODUCTS SHALL BE LOCATED WHERE INDICATED. WHERE NO JOINT LOCATIONS ARE INDICATED, THE LOCATION OF JOINTS SHALL BE AT THE CONTRACTOR'S OPTION SUBJECT TO THE REQUIREMENTS OF THESE GENERAL NOTES. PROPOSED JOINT / SEAM LOCATIONS SHALL BE SUBMITTED WITH THE CONTRACTOR'S SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
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FINISHES LEGEND

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- EPOXY (EPX)
- LIN-# — LINOLEUM SHEET FLOORING (LIN)
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PROJECT NUMBER: 23-0847

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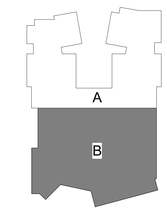
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ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

N
PROJECT NORTH
TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 2 FINISH PLAN - AREA B

SHEET NUMBER:

A9.22



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.50. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
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9. JOINTS IN SHEET FLOORING PRODUCTS SHALL BE LOCATED WHERE INDICATED. WHERE NO JOINT LOCATIONS ARE INDICATED, THE LOCATION OF JOINTS SHALL BE AT THE CONTRACTOR'S OPTION SUBJECT TO THE REQUIREMENTS OF THESE GENERAL NOTES. PROPOSED JOINT / SEAM LOCATIONS SHALL BE SUBMITTED WITH THE CONTRACTOR'S SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
10. THE DESIGN ASSUMES AN INDUSTRY STANDARD SHEET FLOORING PRODUCT WIDTH OF 6'-7" NOMINAL DUE TO SLIGHT VARIANCES IN MANUFACTURER'S PRODUCTS. DIMENSIONS SHOWN THAT ARE BASED ON 6'-7" MULTIPLES OR FACTORS THEREOF ARE NOT INTENDED TO REQUIRE CUTTING OF MATERIAL TO THE EXACT DIMENSION. WHEN EQUIVALENT APPROVED PRODUCTS OR SUBSTITUTIONS ARE PROPOSED IN DIFFERENT WIDTHS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING THE PROPOSED LAYOUT AND SEAM LOCATIONS.
11. JOINTS IN SHEET GOODS USED AS INSET BORDER MATERIALS SHALL BE MITERED AT CORNERS OF THE BORDER. BUTT JOINTS WILL NOT BE ACCEPTED.
12. ALL STAIR TREADS AND INTERMEDIATE LANDINGS SHALL INCLUDE RAISED RUBBER TILE (RRT) FLOORING. PROVIDE TREAD AND RISER COMPONENTS FROM SAME MANUFACTURER AND PRODUCT LINE AS RUBBER TILE FLOORING AT LANDINGS.
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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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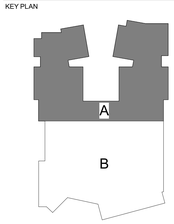
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ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:

N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

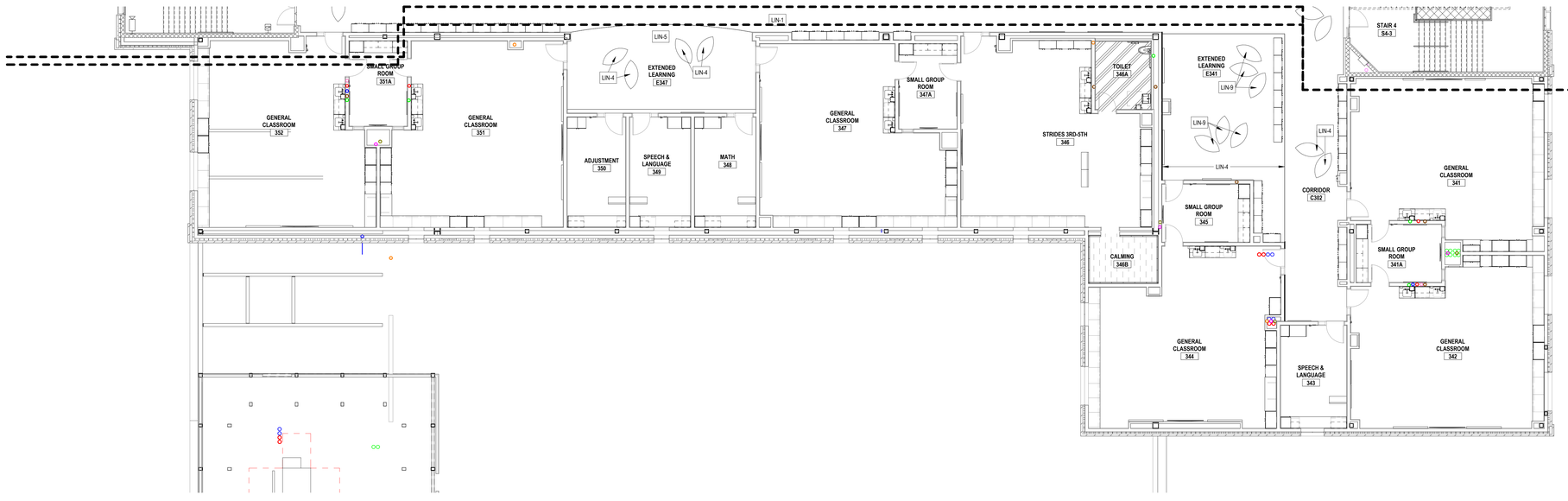
PROJECT NORTH

SHEET TITLE:

LEVEL 3 FINISH PLAN - AREA A

SHEET NUMBER:

A9.31



FLOOR FINISH GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR FLOOR FINISHES FOR ALL ROOMS WHERE FINISHES ARE NOT IDENTIFIED ON THESE PLANS.
2. TYPICAL FLOORING TRANSITION DETAILS ARE INDICATED AT SHEET A9.50. PROVIDE TRANSITIONS INDICATED THEREIN AS APPROPRIATE FOR EACH CHANGE IN FLOORING MATERIAL, WHETHER OR NOT THEY HAVE BEEN IDENTIFIED WITH DETAIL CALLOUTS ON FLOOR FINISH PLANS.
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10. THE DESIGN ASSUMES AN INDUSTRY STANDARD SHEET FLOORING PRODUCT WIDTH OF 6'-7" NOMINAL. DUE TO SLIGHT VARIANCES IN MANUFACTURER'S PRODUCTS, DIMENSIONS SHOWN THAT ARE BASED ON 6'-7" MULTIPLES OR FACTORS THEREOF ARE NOT INTENDED TO REQUIRE CUTTING OF MATERIAL TO THE EXACT DIMENSION. WHEN EQUIVALENT APPROVED PRODUCTS OR SUBSTITUTIONS ARE PROPOSED IN DIFFERENT WIDTHS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING THE PROPOSED LAYOUT AND SEAM LOCATIONS.
11. JOINTS IN SHEET GOODS USED AS INSET BORDER MATERIALS SHALL BE MITERED AT CORNERS OF THE BORDER. BUTT JOINTS WILL NOT BE ACCEPTED.
12. ALL STAIR TREADS AND INTERMEDIATE LANDINGS SHALL INCLUDE RAISED RUBBER TILE (RRT) FLOORING. PROVIDE TREAD AND RISER COMPONENTS FROM SAME MANUFACTURER AND PRODUCT LINE AS RUBBER TILE FLOORING AT LANDINGS.
13. AT CAST IN PLACE STAIRS OR STAIRS WITHOUT METAL STRINGERS, PROVIDE RESILIENT STRINGER BASE PRODUCTS SPECIFICALLY MADE FOR THAT APPLICATION AT WALLS ADJACENT TO RISERS AND TREADS. PRODUCTS SHALL BE FROM SAME MANUFACTURER AS ADJACENT RESILIENT BASE. STANDARD STRAIGHT OR COVED BASE CUT TO FIT APPLICATION IS NOT ACCEPTABLE.
14. THE FLOOR FINISH AT ALL ELECTRICAL, MECHANICAL, AND OTHER SIMILAR UTILITY SPACES SHALL BE SEALED CONCRETE UNLESS SPECIFICALLY NOTED OTHERWISE. SEALER PROVIDED AND INSTALLED BY DIVISION 3 CONCRETE CONTRACTOR.
15. THE CONCRETE CONTRACTOR IS OBLIGATED TO PROVIDE SLABS MEETING THE FLOOR FLATNESS AND LEVELNESS (FF AND FL) TOLERANCES LISTED IN THE DIVISION 3 SPECIFICATION. THE FLOORING CONTRACTOR IS OBLIGATED TO REMEDIATE SUBSTRATE FLATNESS AND LEVELNESS ISSUES THAT ARE WITHIN THIS TOLERANCE BUT WITH WHICH THE MANUFACTURER OR INSTALLER IDENTIFIES AS UNSATISFACTORY OR UNACCEPTABLE TO BEGIN FLOORING INSTALLATION, INCLUDING REMEDIATION MEASURES INCLUDING (BUT NOT LIMITED TO) FLOOR PATCHING OR SELF-LEVELING COMPOUND.
16. AT THE CONTRACTOR'S REQUEST AND FOR THEIR CONVENIENCE, A CAD OR ELECTRONIC FILE OF THE FLOOR COVERING LAYOUTS WILL BE PROVIDED BY THE ARCHITECT. THE LAYHOUT INDICATED IS FOR THE GENERAL DESIGN INTENT; THE CONTRACTOR MAY ADJUST THIS LAYOUT WITHIN TOLERANCE OF SIX INCHES TO ANY LINE TO BEST ACCOMMODATE MATERIAL SHEET WIDTHS AND SEAMING LOCATIONS. THE INSTALLED WORK SHALL GENERALLY BE WITHIN THE TOLERANCE SPECIFIED HEREIN OF THE DESIGN INDICATED; LAYOUT DIAGRAMS SHALL BE SUBMITTED FOR REVIEW PRIOR TO OFF-SISTE FABRICATION OR CUTTING OF THE FLOORING. SUBMITTED DRAWINGS SHALL ALSO INDICATE SEAM LOCATIONS IN FIELDS OF FLOORING.

FINISHES LEGEND

- CARPET (CPT)
- EPOXY (EPX)
- LIN-# LINOLEUM SHEET FLOORING (LIN)
- SEALED CONCRETE (SLR)
- ESD STATIC CONTROL TILE (SDT-1)
- QUARTZ FLOORING (QTZ-1)
- PLATFORM STEPS-WOOD
- RUBBER SHEET FLOORING (RSF)
- WALK OFF CARPET (WOC)
- WALK-OFF FOOT GRILLE (WOG-1)
- TERRAZZO
- RUBBER STAIR FLOOR - (CONTINUES TREAD & RISER, STRINGER, AND LANDINGS (RST)
- WOOD ATHLETIC FLOORING (WAF)
- RESILIENT ATHLETIC FLOORING (RAF-1)

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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

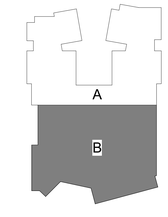
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KEY PLAN



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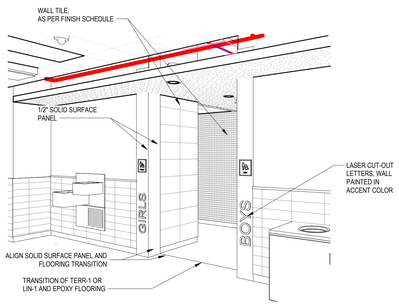
N
TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

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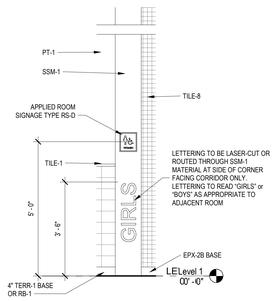
LEVEL 3 FINISH PLAN - AREA B

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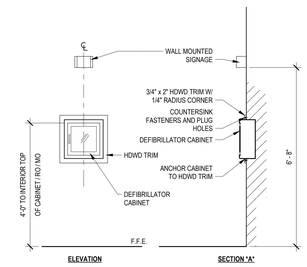
A9.32



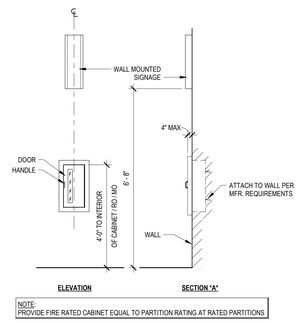
T26 WALL & FLOORING TRANSITION AT TOILET ROOMS



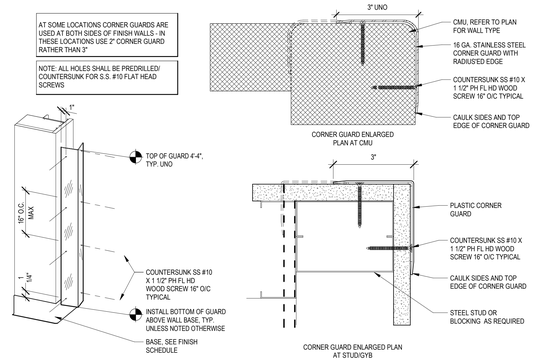
T21 ELEVATION - CORNER DETAIL AT MULTI-STALL TOILET ROOMS
1/2" = 1'-0"



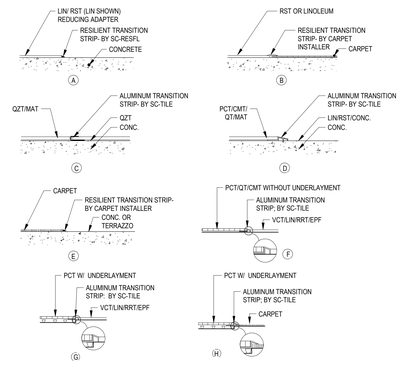
T15 TYPICAL AEDC MOUNTING
1/2" = 1'-0"



T11 TYPICAL FIRE EXTINGUISHER MOUNTING
1/2" = 1'-0"



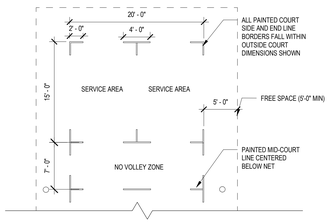
T7 CORNER GUARD DETAIL
6" = 1'-0"



J27 TYPICAL FLOORING TRANSISTION DETAILS
1 1/2" = 1'-0"

GYM STRIPING LEGEND
G1 - BLACK STANDARD LINE STRIPING PAINT (BASKETBALL)
G2 - WHITE STANDARD LINE STRIPING PAINT (MAIN VOLLEYBALL)
G3 - GREY STANDARD LINE STRIPING PAINT (PICKLEBALL/ SECONDARY VOLLEYBALL COURTS)
G4 - CUSTOM LOGO GRAPHIC UP TO 4 COLORS
LINE STRIPING ORDER OF PRIORITY: 1. BASKETBALL (BLACK) 2. MAIN VOLLEYBALL (WHITE) 3. PICKLEBALL / SECONDARY VOLLEYBALL COURTS (GREY) 4. SOLID FILL COLOR (BLUE)

GYM STRIPING LEGEND
1/8" = 1'-0"

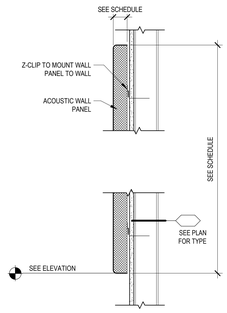


COURT PAINTING NOTES:

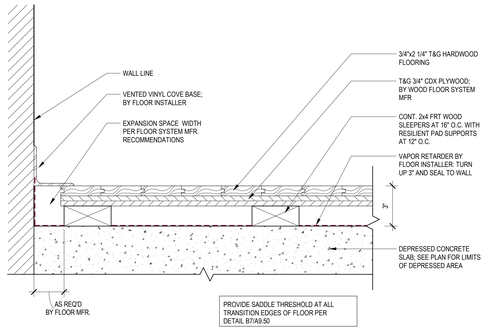
ALL PAINTED PICKLEBALL COURT LINES SHALL BE 1" WIDTH. COLOR LINE PAINT TO BE SELECTED BY ARCHITECT. PICKLEBALL COURT LINES SHALL BE PAINTED BEFORE MAIN BASKETBALL COURT LINES SO THAT THEY ARE INTERRUPTED BY MAIN BASKETBALL COURT DESIGNATIONS.

DIMENSIONS OF PAINTED COURT LINE ARE SYMMETRICAL AND APPLY TO EACH HALF OF THE COURT.

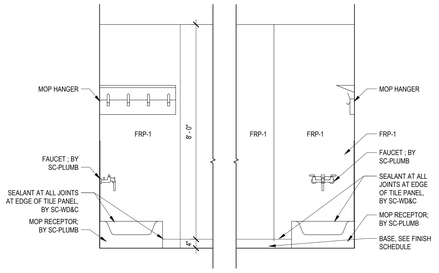
J21 TYPICAL PICKLEBALL COURT LAYOUT
1/8" = 1'-0"



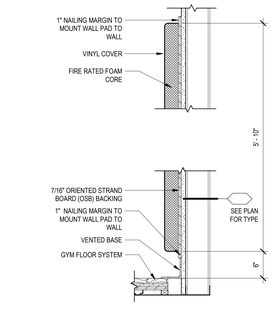
N17 TYPICAL WALL PAD DETAIL
1 1/2" = 1'-0"



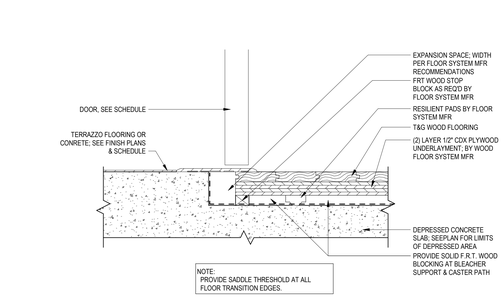
N13 TYPICAL STAGE FLOOR SYSTEM
3" = 1'-0"



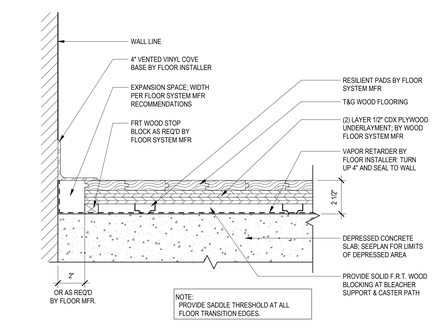
N7 TYPICAL MOP SINK SURROUND DETAIL
1/2" = 1'-0"



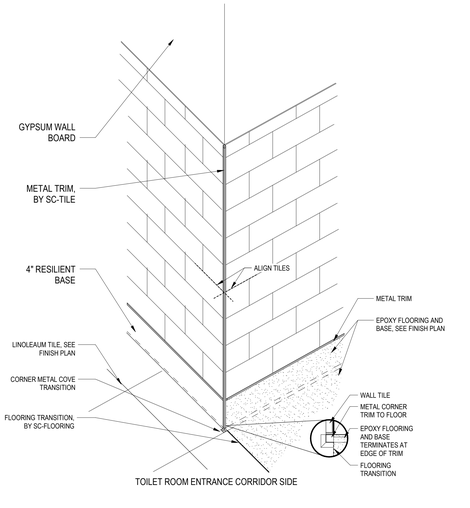
H16 TYPICAL WALL PAD DETAIL
1 1/2" = 1'-0"



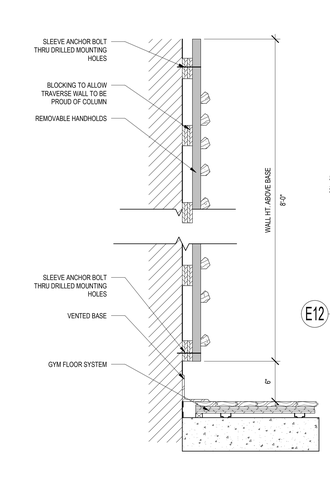
H12 THRESHOLD AT GYMNASIUM FLOOR
3" = 1'-0"



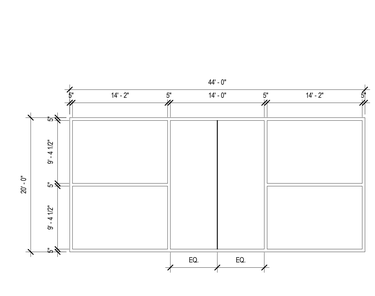
H6 TYPICAL GYM FLOOR SYSTEM
3" = 1'-0"



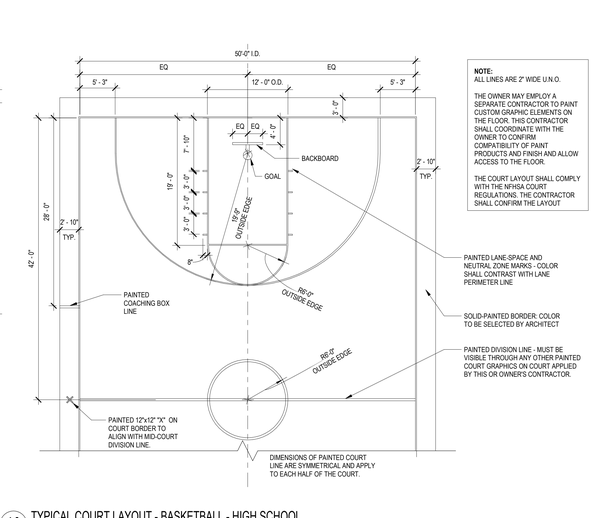
A27 TILE HEIGHT TRANSITION DETAIL @ BATHROOMS
1 1/2" = 1'-0"



A16 TYPICAL TRAVERSE WALL DETAIL
1 1/2" = 1'-0"



E12 PICKLEBALL COURT
1/8" = 1'-0"



A8 TYPICAL COURT LAYOUT - BASKETBALL - HIGH SCHOOL
1/8" = 1'-0"

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PROJECT NUMBER: 23-0847

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REVISIONS:

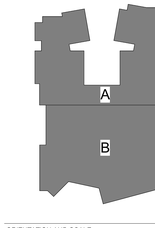
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KEY PLAN



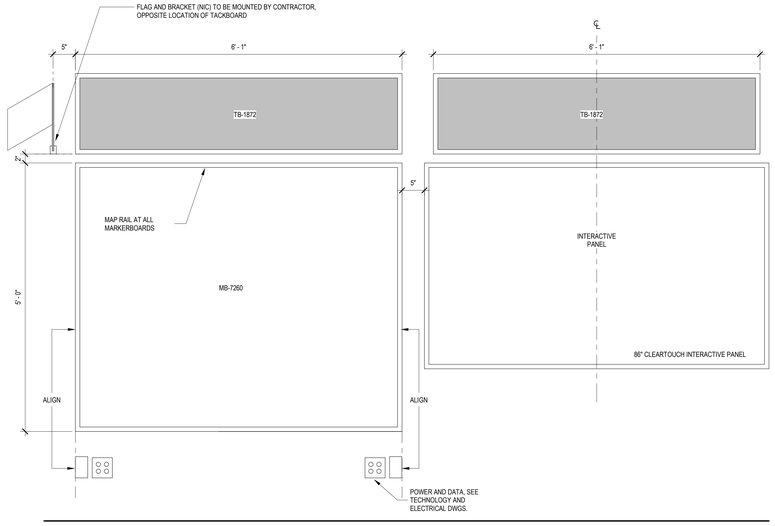
ORIENTATION AND SCALE:



PROJECT NORTH

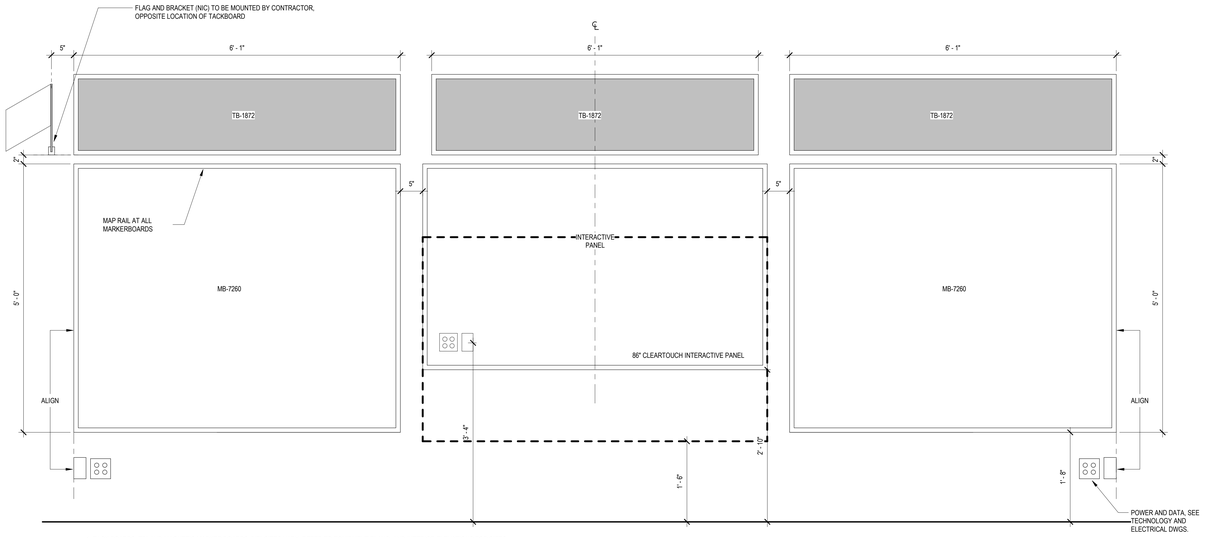
SHEET TITLE:
INTERIOR DETAILS

SHEET NUMBER:
A9.50



1. TACK BOARDS (TB) AND MAGNETIC MARKER BOARDS (MB) SIZES VARY, REFER TO EQUIPMENT PLANS, AND INTERIOR ELEVATIONS FOR SIZES
2. REFER TO DIAGRAM ABOVE FOR TYPICAL HEIGHTS, UNLESS OTHERWISE NOTED IN EQUIPMENT PLANS OR INTERIOR ELEVATIONS.
3. COORDINATE QUANTITY OF POWER AND DATA WITH TECHNOLOGY AND ELECTRICAL CONSULTANT DRAWINGS. LOCATION OF POWER TO BE TYPICAL AT THESE CONDITIONS.

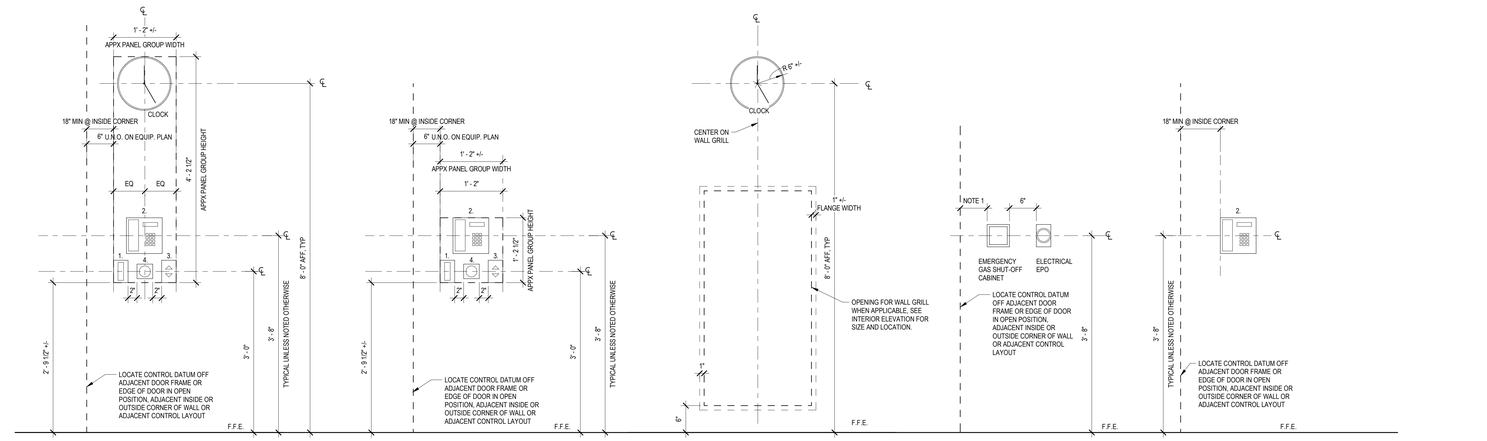
Q26 TYPICAL MB&TB SPECIAL EDUCATION TEACHING WALL
1" = 1'-0"



1. TACK BOARDS (TB) AND MAGNETIC MARKER BOARDS (MB) SIZES VARY, REFER TO EQUIPMENT PLANS, AND INTERIOR ELEVATIONS FOR SIZES
2. REFER TO DIAGRAM ABOVE FOR TYPICAL HEIGHTS, UNLESS OTHERWISE NOTED IN EQUIPMENT PLANS OR INTERIOR ELEVATIONS.
3. COORDINATE QUANTITY OF POWER AND DATA WITH TECHNOLOGY AND ELECTRICAL CONSULTANT DRAWINGS. LOCATION OF POWER TO BE TYPICAL AT THESE CONDITIONS.

Q15 TYPICAL MB&TB TEACHING WALL
1" = 1'-0"

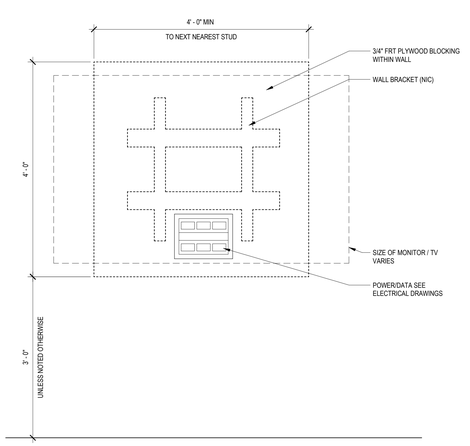
H27 DISPLAY MOUNTING LOCATIONS
1" = 1'-0"



ROOM CONTROL LOCATION PRIORITY			
1.	2.	3.	4.
LIGHT SWITCHES	WALL PHONE	VOLUME CONTROL	THERMOSTAT

NOTES:
1. ROOM CONTROLS SHALL BE ARRANGED ACCORDING TO THEIR LOCATION PRIORITY WITH PRIORITY 1 BEING MOUNTED CLOSEST TO THE DOOR FRAME OR OPEN DOOR LEAF. DEPENDING ON THE MOUNTING LOCATION INDICATED IN THE EQUIPMENT PLANS. WHERE A CONTROL IS NOT INCLUDED FOR A PARTICULAR ROOM, THE CONTROLS WITH THE NEXT LOWEST PRIORITY SHALL BE LOCATED ADJACENT TO THE NEXT HIGHEST PRIORITY CONTROLS AT THE TYPICAL 2" SPACING.
2. LOCATE EDGE OF FIRST CONTROL 6" FROM EDGE OF DOOR FRAME. DOOR SWING OR OUTSIDE CORNER. LOCATE EDGE OF FIRST CONTROL 18" MINIMUM FROM INSIDE CORNER OR ANY OTHER PROJECTION GREATER THAN 6" DEEP.
3. INSTALL ALL CONTROLS SUCH THAT NO OPERABLE PART IS LOCATED MORE THAN 48" ABOVE FINISHED FLOOR.

G19 ROOM CONTROL LAYOUT
1" = 1'-0"



A27 TYPICAL TV/MONITOR BLOCKING
1" = 1'-0"



1. REFER TO DIAGRAM ABOVE FOR TYPICAL HEIGHTS, UNLESS OTHERWISE NOTED IN EQUIPMENT PLANS OR INTERIOR ELEVATIONS.
2. HEIGHTS ARE NOTED TO BOTTOM OF FRAME AND TOP OF FINISHED FLOOR FOR INSTALLATION, TYP.
3. TACKBOARDS ARE TYPICAL FOR ALL LOCATIONS WITHIN CLASSROOMS AND EXTENDED LEARNING SPACES. ALL OTHER LOCATIONS WILL BE NOTED ON ELEVATIONS.
4. ALL MARKERBOARDS AT 2'-0" HEIGHT, TYP. UNLESS OTHERWISE SPECIFIED. ALL EXTENDED LEARNING SPACES TO INCLUDE BOTH MARKERBOARDS AND TACKBOARDS, TYP.

A21 TYPICAL MARKERBOARD & TACKBOARD LEGEND
1" = 1'-0"

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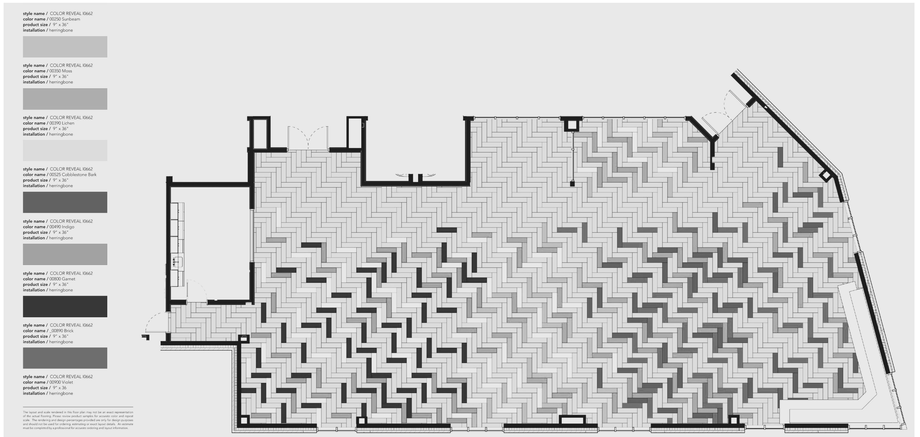
KEY PLAN

ORIENTATION AND SCALE:

SCALE: AS INDICATED

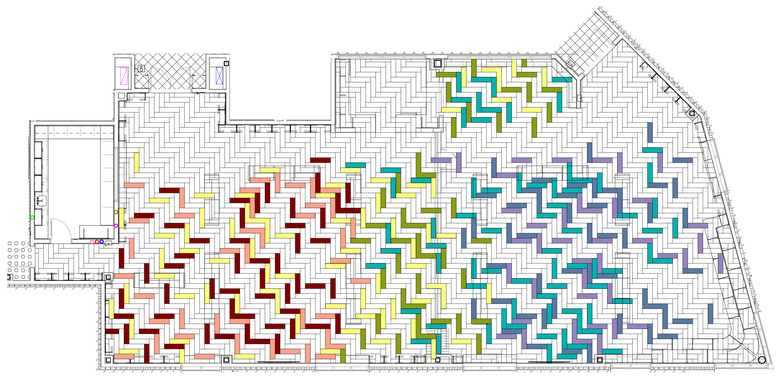
SHEET TITLE:
INTERIOR DETAILS

SHEET NUMBER:
A9.51



H26 LIBRARY CARPET PATTERN PLAN

NTS



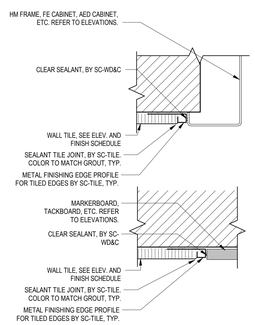
H20 LIBRARY CARPET PATTERN LAYOUT

1/8" = 1'-0"

CARPET LEGEND

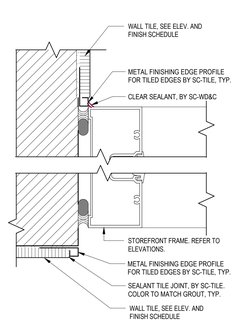
HATCH PATTERN		CARPET TYPE
	CPT-A	FLAGSTONE GRANITE
	CPT-B	KERBSTONE GRANITE
	CPT-C	SETT IN STONE GRANITE
	CPT-D	MOSS IN STONE GRANITE
	CPT-E	MOSS GRANITE
	CPT-F	PAVER GRANITE
	CPT-G	TEAL STONE COURSE
	CPT-H	GREEN STONE COURSE
	CPT-I	YELLOW STONE COURSE
	CPT-J	ORANGE STONE COURSE
	CPT-K	RED STONE COURSE
	CPT-L	PINK STONE COURSE
	CPT-M	PURPLE STONE COURSE

REFERENCE MATERIAL LEGEND KEY LOCATED ON DRAWING A9.01 AND A9.02



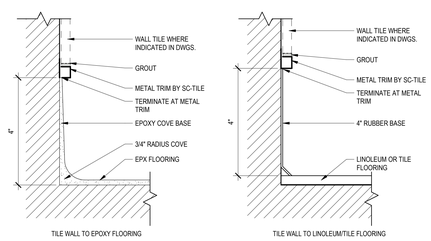
A26 TYPICAL WALL TILE TO OBSTRUCTION DETAIL

6" = 1'-0"



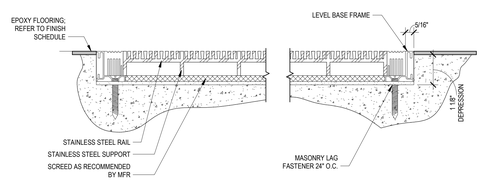
A22 TYPICAL WALL TILE TO STOREFRONT DETAIL

6" = 1'-0"



A13 TYPICAL WALL TILE TO COVE BASE DETAIL

6" = 1'-0"



A7 ENTRANCE MAT - FOOT GRILLE (FGR-X)

6" = 1'-0"

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BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

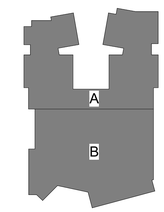
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:



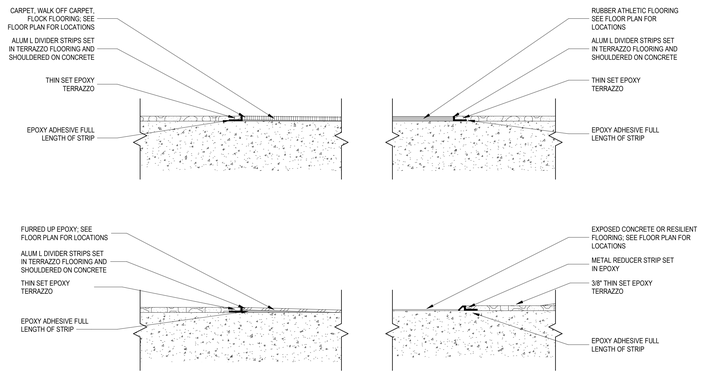
PROJECT NORTH

SHEET TITLE:

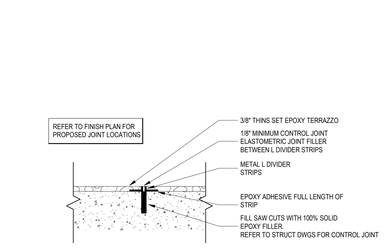
INTERIOR DETAILS

SHEET NUMBER:

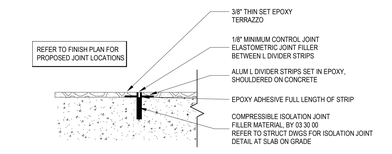
A9.52



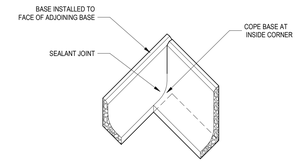
A27 TERRAZZO FLOORING TRANSITION DETAILS
3" = 1'-0"



H15 TERRAZZO DETAIL @ CONTROL JOINT
3" = 1'-0"



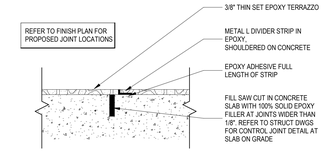
H10 TERRAZZO DETAIL @ ISOLATION JOINT
3" = 1'-0"



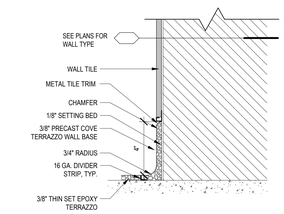
H4 TERRAZZO COVER BASE @ INNER CORNER TRANSITION
3" = 1'-0"



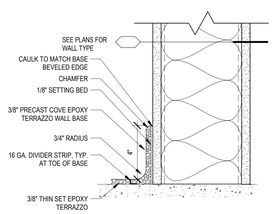
E9 TERRAZZO DETAIL @ CONSTRUCTION JOINT
3" = 1'-0"



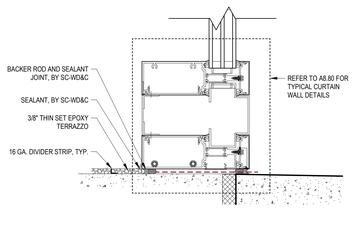
E5 TERRAZZO DETAIL @ CONTRACTION JOINT
3" = 1'-0"



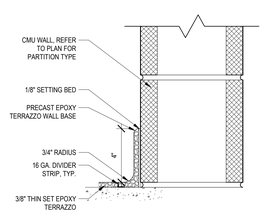
A18 TERRAZZO COVE BASE @ WALL TILE
3" = 1'-0"



A13 TERRAZZO COVE BASE @ GYP WALL
3" = 1'-0"



A9 TERRAZZO COVE BASE @ CW
3" = 1'-0"



A4 TERRAZZO COVE BASE @ CMU
3" = 1'-0"

dw
DORE + WHITTIER

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NEWBURYPORT, MA 01950
P: (978) 499-2999

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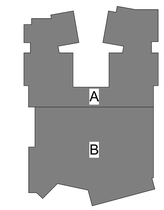
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:

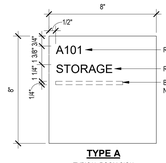
INTERIOR DETAILS

SHEET NUMBER:

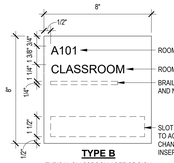
A9.53

SIGN TYPES LEGEND

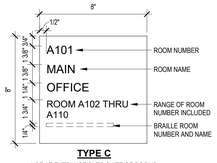
1. ALL SIGN TYPE ELEVATIONS SHOWN AT 3"=1'-0" UNLESS NOTED OTHERWISE.
2. RAISED LETTERING AND BRAILLE TO BE "WHITE".
3. BACKGROUND PLACARD CONTRASTING COLOR TO BE SELECTED FROM FULL RANGE OF AVAILABLE STANDARD COLORS.
4. SIGNAGE TEXT TO BE 5/8" HIGH, UNLESS NOTED OTHERWISE.
5. PROVIDE BLANK BACK PANELS WHERE SIGNS ARE MOUNTED TO SIDELITES OR OTHER GLAZING, TYPICAL.



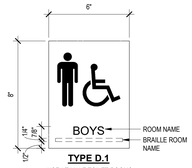
TYPE A
TYPICAL ROOM SIGN



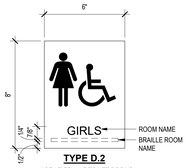
TYPE B
TYPICAL CLASSROOM / OFFICE SIGN



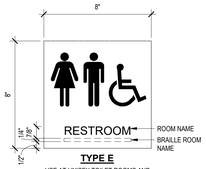
TYPE C
USE AT ENTRANCE(S) TO SUITE OF ROOMS



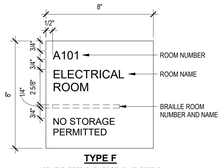
TYPE D.1
USE AT MALE TOILET ROOMS AND LOCKER ROOMS



TYPE D.2
USE AT FEMALE TOILET ROOMS AND LOCKER ROOMS



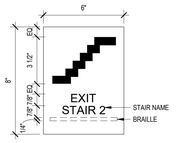
TYPE E
USE AT UNISEX TOILET ROOMS AND LOCKER ROOMS



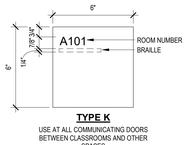
TYPE F
USE AT ELECTRIC, EMERGENCY ELECTRIC, IDF/MDF, AND ELEVATOR MACHINE ROOMS



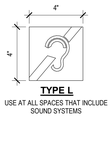
TYPE G
USE AT ELEVATOR



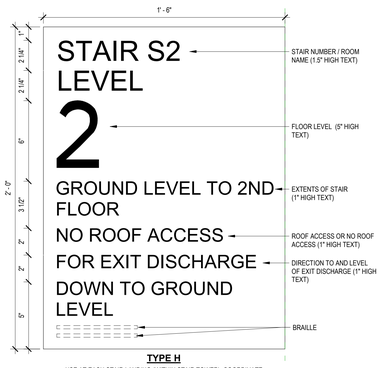
TYPE J
USE AT ALL CORRIDOR SIDE OF ALL STAIR DOORS



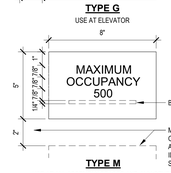
TYPE K
USE AT ALL COMMUNICATING DOORS BETWEEN CLASSROOMS AND OTHER SPACES



TYPE L
USE AT ALL SPACES THAT INCLUDE SOUND SYSTEMS



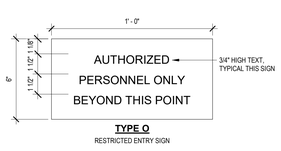
TYPE H
USE AT EACH STAIR LANDING (WITHIN STAIR TOWER); COORDINATE ROOF ACCESS AND EXIT DISCHARGE NOTES BY LOCATION



TYPE M
USE AT ALL ASSEMBLY SPACES AND ANY OTHER ROOM IDENTIFIED ON THE CODE PLANS TO HAVE A RESTRICTED OCCUPANCY LIMIT



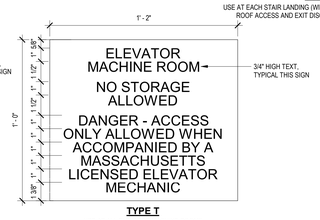
TYPE N
NO SMOKING SIGN



TYPE O
RESTRICTED ENTRY SIGN



TYPE S
USE AT ALL ROOMS CONTAINING SPRINKLER CONTROL VALVES



TYPE T
USE AT ALL ELEVATOR MACHINE ROOMS

DORE + WHITTIER

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260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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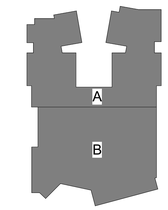
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:
INTERIOR SIGNAGE TYPES AND DETAILS

SHEET NUMBER:
A9.60

ROOM FINISH SCHEDULE LEVEL 1 cont.

ROOM NO.	NAME	FLOOR FIN	BASE	WALL N FIN	WALL S FIN	WALL E FIN	WALL W FIN	REMARKS
101	SUPERVISORY OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101A	GENERAL OFFICE/WAITING	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101B	PRINCIPAL'S SECRETARY	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101C	CONFERENCE ROOM	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101D	OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101E	PRINCIPAL	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101F	COPY	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
101G	MAIL AND TIME ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
101H	TEACHER WORK ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
101J	COORDINATOR OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101K	OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
101L	RECORDS	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
101M	GUID. STOR.	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
101P	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
102	CARES OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
103	CARES OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
104	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
105	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
105E	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
106	CONFERENCE ROOM	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
107	MEDICAL	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
107A	EXAM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
107B	EXAM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
107C	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
108	PT CLASSROOM	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
108A	OT CLASSROOM	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
108B	PT STORAGE	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
109	VESTIBULE	WOG-1	`	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
110	SPEECH & LANGUAGE	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
111	ADJUSTMENT	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
112	GENERAL MUSIC/CHORUS	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
112A	MUSIC STORAGE	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
113	STRIDES PK-K	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
113A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
113B	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
114	SCHOOL PSYCH	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
115	SPEECH & LANGUAGE	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
116	PRE-K	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
116A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
117	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
118	PRE-K	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
118A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
118B	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
119	PRE-K	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
119A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
120	STRIDES PK-K	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
120A	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
120B	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
121	ART CLASSROOM	RSF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
121A	ART STORAGE/KILN	RSF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
122	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
122A	EMER ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
123	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
124	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
125	BOY TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
126	GIRLS TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
127	CUST. CLOSET	EPT-2	RB-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1 ALL WALLS TO 8'AFF
128	VESTIBULE	WOG-1	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
129	TEACH COLLAB	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
130A	TEACH WELLNESS	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
130B	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
131	ELEVATOR MACHINE ROOM	SEALED CONC	RB-1	PAINT	PAINT	PAINT	PAINT	
132	BOYS TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
133	GIRLS TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
134	CUST. CLOSET	EPT-2	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	
135	STORAGE	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
136	STRIDES PK-K	LIN-1	RB-1	PT-5	PT-1	PT-1	PT-1	
136A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
136B	CALMING	RAF-1	RB-1	PT-1, WALL PADS	PT-1, WALL PADS	PT-1, WALL PADS	PT-1, WALL PADS	
136C	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
137	KINDERGARTEN	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
137A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	

ROOM FINISH SCHEDULE LEVEL 1 cont.

ROOM NO.	NAME	FLOOR FIN	BASE	WALL N FIN	WALL S FIN	WALL E FIN	WALL W FIN	REMARKS
138	KINDERGARTEN	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
138A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
138B	SMALL GROUP ROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
139	KINDERGARTEN	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
139A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
140	KINDERGARTEN	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
140A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
140B	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
141	KINDERGARTEN	LIN-1, 3	RB-1	PAINT	PAINT	PAINT	PAINT	
141A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
142	READ	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
143	LEARNING CENTER	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
143A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
144	KINDERGARTEN	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
144A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
145	KINDERGARTEN	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
145A	TOILET	EPX-2A	EPX-2A	TILE	TILE	TILE	TILE	
146	ELL	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
147	MATH	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
148	IT OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
149	MAIN ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
149A	EMER ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
149B	BDA	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
149C	WATER ENTRY	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
150	NETWORK / TELECOM	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
151	CHAIR STORAGE	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
152	CARES STORAGE	QZT-1	RB-1	PAINT	PAINT	PAINT	PAINT	
153	RECEIVING / GENERAL SUPPLY	SEALED CONC	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	
153A	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
154	BOYS TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
155	GIRLS TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
155A	RECYCLING ROOM / TRASH	SEALED CONC	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	
155B	CUSTODIAN STORAGE	SEALED CONC	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	
155C	CUSTODIAL OFFICE	QZT-1	RB-1	PAINT	PAINT	PAINT	PAINT	
156	KITCHEN	EPX-2B	EPX-2B	TILE	TILE	TILE	TILE	
156B	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
156C	OFFICE	EPX-2A	RB-1	PT-1	PT-1	PT-1	PT-1	
156D	OFFICE	EPX-2A	RB-1	PT-1	PT-1	PT-1	PT-1	
156E	DRY STORAGE	EPX-2B	EPX-2B	TILE	TILE	TILE	TILE	
157	INSTRUMENTAL MUSIC	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
157A	INSTRUMENTAL STORAGE	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
158	QUIET CAFE	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
159	QUIET CAFE	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
160	VESTIBULE	WOG-1, TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
161	QUIET CAFE	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
162	FLEX CLASSROOM	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
162A	FLEX STORAGE	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
163	CAFETERIA	TERRAZZO	TERRAZZO	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
163A	CAFETERIA	TERRAZZO	TERRAZZO	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
164	PLATFORM	LIN-10	RB-1	PAINT	PAINT	PAINT	PAINT	
164A	RAMP	RST-1	RB-1	PAINT	PAINT	PAINT	PAINT	
170A	CORRIDOR	TERRAZZO	TERRAZZO	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
172	VESTIBULE	WOG-1, TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
C100	CORRIDOR	TERRAZZO	TERRAZZO	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
C101	CORRIDOR	CPT	RB-1	PAINT	PAINT	PAINT	PAINT	
C102	CORRIDOR	TERRAZZO	TERRAZZO	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
C103	CORRIDOR	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	PAINT	
C104	CORRIDOR	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
C105	CORRIDOR	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
C106	CORRIDOR	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
E116	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	PAINT	
E117	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	PAINT	
E118	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	PAINT	
E119	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	PAINT	
E136	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
E138	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
E139	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
E140	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
E141	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
E145	EXTENDED LEARNING	LIN	RB-1	SEE ELEV.	SEE ELEV.	SEE ELEV.	SEE ELEV.	
EL-1	ELEVATOR	RST-1	MANUF	MANUF.	MANUF.	MANUF.	MANUF.	
G100	GYMNASIUM	WAF-1	VENTED BASE	EPT-1, WALL PADDING	EPT-1, WALL PADDING	EPT-1, WALL PADDING	EPT-1 WALL PADDING	USE PT-2 FOR CEILING AND PRODUCTS
G100A	PE OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
G100B	STORAGE	QZT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
S1-1	STAIR 1	WOG-1, TERRAZZO	TERRAZZO	PAINT	PAINT	PAINT	PAINT	
S2-1	STAIR 2	WOG-1, RST-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S3-1	STAIR 3	WOG-1, RST-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S4-1	STAIR 4	WOG-1, TERRAZZO	TERRAZZO	PAINT	PAINT	PAINT	PAINT	

LOCKER SCHEDULE

TYPE	SIZE	CONFIGURATION	TOP	BASE	ROOM NAME	ROOM NUMBER
LK-T1	18"x15"x72"	1 TIER	SLOPE	METAL, CONCRETE BASE	RECEIVING / GENERAL SUPPLY	153
LK-T1-ADA	18"x15"x72"	1 TIER	SLOPE	METAL, CONCRETE BASE	RECEIVING / GENERAL SUPPLY	153
LK-T2	12"x12"x60"	2 TIER	SLOPE	INTEGRAL METAL BASE	PE OFFICE	G100A
LK-T2B	12"x12"x60"	2 TIER	SLOPE	METAL, CONCRETE BASE	KITCHEN	156
LK-T5	12"x12"x60"	5 TIER	SLOPE	INTEGRAL METAL BASE	CARES STORAGE	152

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
TILE			
TILE-1	PORCELANOSA	4 7/8"X17 7/16"	TREND: SNOW, TREND: D, H, V
TILE-2	AMERICAN OLEAN	2X8 FLUTED WALL TILE (KITCHENETTES)	COLOR STORY PINSTRIPE: ICE WHITE
TILE-3	CREATIVE MATERIALS CORP	12x24, VESTIBULE WALLS	SEASCAPE, BEIGE RIDGE NATURAL
TILE-4	AMERICAN OLEAN	KITCHEN WALLS: COLOR STORY- 8X24	MATTE DESIGNER WHITE 0061 (1)
TILE-5	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: FIELD TBD
TILE-6	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: ACCENT TBD
TILE-7	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: ACCENT TBD
TILE-8	AMERICAN OLEAN	CUSTOM 2X2 MOSAIC, 6 COLORS	TOILET ROOMS ENTRY: WAYFINDING
RUBBER FLOORING			
RFL-1	ROPPE	36x36	STYLE: #970, COLOR: M678 MOCHACCINO
RESILIENT ATHLETIC FLOORING			
RAF-1	ECO SURFACES	SHEET	NADA RX, 3300 ADOBE
RESILIENT BASE (RB)			
RB-1	ROPPE	4" (ROLLS)	#193 BLACK BROWN
RUBBER STAIR TREAD, RISERS & LANDING (RST)			
RST-1	ROPPE	FULL WITH OF STAIR & LANDINGS	HAMMERED FINISH, COLOR: M678 MOCHACCINO
QUARTZ TILE			
QZT-1	ALTRO	24X24 COMPRESSED QUARTZ TILE	COLOR: ASH CD-9303
QZT-2	ALTRO	24X24 COMPRESSED QUARTZ TILE	COLOR: THUNDER CD-9318
FIBER REINFORCED WALL PANELS			
FRP-1	TBD	4X8	COLOR: TBD

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
TILE CARPETING			
CPT-1	PATCRAFT, NEUTRAL GROUND 1	18"X36" MONOLITHIC	I0637 UNHEMMED. COLOR: 00100 CHENILLE
CPT-2	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0205 SUNBEAM
CPT-3	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0350 MOSS
CPT-4	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0930 LICHEN
CPT-5	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0525 COBBLESTONE BARK
CPT-6	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0490 INDIGO
CPT-7	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0800 GARNET
CPT-8	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0908 BRICK
CPT-9	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0900 VIOLET
DIGITALLY PRINTED WALLCOVERING			
DPW-1	TBD	TBD	PK-ELA 105D
DPW-2	TBD	TBD	PK-ELA 105E
DPW-3	TBD	TBD	K-ELA 131E
DPW-4	TBD	TBD	K-ELA 131C
DPW-5	TBD	TBD	MEETING #182
DPW-6	TBD	TBD	CORRIDOR 102
DPW-7	TBD	TBD	ELA 205C
DPW-8	TBD	TBD	ELA 230C
DPW-9	TBD	TBD	ELA 205E
DPW-10	TBD	TBD	ELA 230F
DPW-11	TBD	TBD	
DPW-12	TBD	TBD	CAFETERIA ABOVE FOOD SERVICE
DPW-13	TBD	TBD	ELA 301A
DPW-14	TBD	TBD	ELA 301B
DPW-15	TBD	TBD	ELA 350A
DPW-16	TBD	TBD	ELA 333E
DPW-17	TBD	TBD	ELA 333F
DPW-18	TBD	TBD	ELA 333C
DPW-19	TBD	TBD	ELA 302C
DPW-20	TBD	TBD	LOBBY ADJ. TO VEST #172
DPW-21	TBD	TBD	LIBRARY @ TIERED SEATING

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
PAINT			
PT-1	SHERWIN/WILLIAMS	SATIN/EG-SHELL	SW 7008 ALABASTER
PT-2	SHERWIN/WILLIAMS	FLAT (SOFFITS)	SW 7006 EXTRA WHITE
PT-3	SHERWIN/WILLIAMS	SEMI-GLOSS (DOOR FRAMES)	SW 7048 URBANE BRONZE
PT-4	SHERWIN/WILLIAMS	SATIN/EG-SHELL. PK-K TEACH. WALL	SW 6513 TAKE FIVE
PT-5	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR1-2 TEACH. WALL	SW 6429 BAIZE GREEN
PT-6	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR-3-5 TEACH. WALL	SW 6659 CAPTIVATING CREAM
PT-7	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #1 GYPSUM	TBD
PT-8	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #3 GYPSUM	TBD
PT-9	SHERWIN/WILLIAMS	SATIN/EG-SHELL	ACCENT
PT-10	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR. 3-5 ELA ACCENT	SW 0044 HUBBARD SQUASH
PT-11	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR. 1-2 ELA ACCENT	SW 0066 CASCADE GREEN
PT-12	SHERWIN/WILLIAMS	SATIN/EG-SHELL. ELA PREK-K	SW 9070, BABY BLUE EYES
PT-13	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #4 GYPSUM	TBD
PT-14	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #2 GYPSUM	TBD
PT-15	SHERWIN/WILLIAMS	FLAT	STAGE WOOD FLOOR: BLACK
PT-16	SHERWIN/WILLIAMS	TBD	SPRINKLER PIPES IN LIBRARY & CAFE
EPOXY PAINT			
EPT-1	SHERWIN/WILLIAMS	SATIN	COLOR: TO MATCH PT-1
EPT-2	SHERWIN/WILLIAMS	SEE NOTES FOR INFORMATION	GREY: TBD
WINDOW ROLLER SHADES			
WS-1a	INPRO	SINGLE: MANUAL 1% OPENNESS	COLOR: TBD
WS-3	INPRO	DUAL: MOTORIZED 1% & BLACKOUT	COLOR: TBD
WS-5	INPRO	DUAL: MNAUAL 1% & BLACKOUT	COLOR: TBD

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
WALK-OFF CARPET			
WOC-1	MATTER SURFACES	24X24	STYLE: TRILOGY, COLOR: CREMINI
WALK-OFF GRILLE (WOG)			
WOG-1	MATS INC	ALUMINUM	DESIGN TRACK
CORNER GUARDS			
CG-1	INPRO	VINYL FACED CORER GUARDS	FEATHER #0238
CG-2	INPRO	STAINLESS STEEL	N/A
FLUID APPLIED FLOORING			
EPX-2A	SHERWIN/WILLIAMS	TOILET ROOMS	BATHROOMS - FLAKES - TBD
EPX-2B	SHERWIN/WILLIAMS	KITCHEN	KITCHEN - COLOR - AMERICANO
LINOLEUM			
LIN-1	GERFLOR	LANDSCAPE COLLECTION	BEACH 0092
LIN-2	GERFLOR	LANDSCAPE COLLECTION	AUTUMN BLUE 0022
LIN-3	GERFLOR	LANDSCAPE COLLECTION	BLUE EYES 0121
LIN-4	GERFLOR	LANDSCAPE COLLECTION	LEAF GREEN 0043
LIN-5	GERFLOR	LANDSCAPE COLLECTION	ANTIQUE GREEN 0130
LIN-6	GERFLOR	LANDSCAPE COLLECTION	PALE YELLOW 0076
LIN-7	GERFLOR	LANDSCAPE COLLECTION	SHORTCRUST 0042
LIN-8	GERFLOR	LANDSCAPE COLLECTION	MILK COFFEE 0164
LIN-9	GERFLOR	LANDSCAPE COLLECTION	CLAY 0166

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

TERRAZZO COLOR FORMULAS

TAG	EPOXY COLOR
TERR-1	TM26-1717
TERR-2	TM26-1718

FINISH SCHEDULE GENERAL NOTES

1. FOR LIST OF MATERIAL ABBREVIATIONS REFER TO SHEET AG0.01.
2. WHERE MULTIPLE MATERIALS OR COLORS ARE SCHEDULED FOR FLOORS, REFER TO THE FLOOR FINISH PLANS FOR PATTERN, EXTENT, AND LAYOUT OF EACH MATERIAL OR COLOR.
3. WHERE MULTIPLE MATERIALS OR COLORS ARE SCHEDULED FOR WALLS, REFER TO THE INTERIOR ELEVATIONS FOR THE LOCATION AND EXTENT OF EACH MATERIAL OR COLOR.
4. FLOORING TRANSITION DETAILS ON THIS SHEET ARE TYPICAL FOR THE PROJECT. PROVIDE TRANSITION TRIM AT ALL CHANGES OF MATERIAL AS INDICATED IN DETALS WHETHER SPECIFICALLY LOCATED WITH DETAIL CALLOUTS AT PLANS, OR UNLESS SPECIFIC DETAILS HAVE BEEN CALLED OUT.
5. TILE INSTALLATION DETAILS ON THIS SHEET ARE TYPICAL FOR THE PROJECT. PROVIDE TILE CONTROL JOINTS AND MOVEMENT JOINTS AS REQUIRED PER THE PROJECT SPECIFICATIONS AND BASED ON LOCATIONS OF FLOOR SLAB JOINTS AS DETERMINED IN THE FIELD.
6. THE INDEX OF FINISHES AND COLORS INDICATED ARE INTENDED TO DOCUMENT THE BASIS OF DESIGN COLORS AND PATTERNS ONLY. REFER TO PROJECT MANUAL SPECIFICATIONS FOR COMPLETE PRODUCT SPECIFICATIONS AND INSTALLATION REQUIREMENTS.
7. SEE CONSTRUCTION FLOOR PLANS FOR FLOORS SLOPING TO DRAINS AND LOCATIONS OF FLOOR DRAINS. INSTALL FLOOR FINISHES AS APPROPRIATE TO SLOPING CONDITIONS AND DRAINS. DO NOT INSTALL VCT, CERAMIC TILE, QUARRY TILE, OR OTHER HARD SURFACE FLOORING ACROSS CHANGES IN FLOOR PLANE. INSTALL PER SPECIFICATIONS AND INCORPORATE MFR. RECOMMENDED DETAILS.
8. LOCATE ALL CHANGES IN FLOORING MATERIAL OR COLOR AT OPENINGS WITH DOORS UNDER THE CENTER OF DOOR WHEN IN THE CLOSED POSITION UNLESS SPECIFICALLY NOTED OTHERWISE. LOCATE CHANGES IN FLOORING MATERIAL OR COLOR AT OPENINGS WITH NO DOORS AND UNFRAMED OPENINGS IN WALLS AT THE MID-POINT OF JAMB DEPTH UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLANS OR DETAILS.
9. WHERE DOORS AND/OR DOOR FRAMES ARE INDICATED TO RECEIVE DIFFERENT PAINT COLORS AT OPPOSITE SIDES OF OPENING, COLOR CHANGE SHALL OCCUR AT THE CORNER BETWEEN THE STOP PROFILE AND THE JAMB FRAME (CONCEALED BY THE DOOR IN THE CLOSED POSITION.)
10. THE FLOOR FINISH AT ALL ELECTRICAL, MECHANICAL, AND OTHER SIMILAR UTILITY SPACES SHALL BE SEALED CONCRETE UNLESS SPECIFICALLY NOTED OTHERWISE. SEALER PROVIDED AND INSTALLED BY CONCRETE SUBCONTRACTOR.
11. FOR EPT-2, FLOOR FINISH FOR CUSTODIAL, RECEIVING & STORAGE AND OTHER BACK-OF-HOUSE AREAS FOR BASES-OF-DESIGN USE: 1 CT. ARMORSEAL 33 EPOXY PRIMER/SEALER 8.0 MILS DFT AND 1-2 CTS. ARMORSEAL 1000 HS 3.0-5.0 MILS DFT OR SIM.

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SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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ROOM FINISH SCHEDULE LEVEL 2

ROOM NO.	NAME	FLOOR FIN	BASE	WALL N FIN	WALL S FIN	WALL E FIN	WALL W FIN	REMARKS
201	STAFF LUNCH	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
202	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
203	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
204A	LIBRARIAN WORKROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
205	ELEC	SEALED CONC	RB-1	PT-1	PAINT	PAINT	PAINT	
205A	EMER ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
206	STE CLASSROOM	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
206A	STE STORAGE	RSF-1	EPX-1	PT-1	PT-1	PT-1	PT-1	
207	FLEX CLASSROOM	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
207A	FLEX STORAGE	RSF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
208	HEALTH	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
209	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
209A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
210	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
211	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
212	READ	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
213	LEARNING CENTER	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
214	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
215	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
216	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
216A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
217	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
218	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
218A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
219	STAGES 1ST-2ND	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
219A	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
219B	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
220	IDF	SDT-1	RB-1	PAINT, WALL PADDING	PT-1	PT-1	PT-1	
221	CUST. CLOSET	EPT-2	RB-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1 ALL WALLS TO 8'AFF
222	BOYS TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
223	GIRLS TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
224	EMER ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
225	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
226	MATH	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
227	ASSISTANT PRINCIPAL	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
228	TEACH COLLAB	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
229A	TEACH WELLNESS	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
229B	TOILET	EPX-2a	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
230	TOILET	EPX-2a	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
231	BOYS TOILET	EPX-2a	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
232	GIRLS TOILET	EPX-2a	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
233	CUST. CLOSET	EPT-2	RB-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1 ALL WALLS TO 8'AFF
234	IDF	SDT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
235	STRIDES 1ST-2ND	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
235A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
235B	TOILET	EPX-2A	EPX-2A	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
235C	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
236	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
237	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
237A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
238	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
239	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
239A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
240	LANGUAGE BASED 1ST-2ND	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
241	READ	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
242	LEARNING CENTER	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
243	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
244	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
244A	SMALL GROUP ROOM	LIN-1	RB-1	PT-1	PT-1	PT-1	PT-1	
245	GENERAL CLASSROOM	LIN-1	RB-1	PAINT	PAINT	PAINT	PAINT	
246	BCBA OFFICE	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
247	ADJUSTMENT	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
248	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
248A	EMER ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
249	CUSTODIAN STORAGE	EPT-2	RB-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1, PT-1	FRP-1 ALL WALLS TO 8'AFF
250	MECHANICAL PUMP ROOM	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
252	LIBRARY	CPT	RB-1	PAINT	PAINT	PAINT	PAINT	SEE SHEET A9.52 FOR CPT COLOR AND PATTERNS
C200	CORRIDOR	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
C201	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
C202	CORRIDOR	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	SEE ELEVATIONS
C203	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E214	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E215	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E216	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E217	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E219	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E235	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E237	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E238	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E239	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E240	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	SEE ELEVATIONS
E245	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
EL-2	ELEVATOR	RSF-1	MANUF	MANUF.	MANUF.	MANUF.	MANUF.	
S1-2	STAIR 1	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
S2-2	STAIR 2	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S3-2	STAIR 3	RSF-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S4-2	STAIR 4	TERRAZZO	TERRAZZO	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	

ROOM FINISH SCHEDULE LEVEL 3

ROOM NO.	NAME	FLOOR FIN	BASE	WALL N FIN	WALL S FIN	WALL E FIN	WALL W FIN	REMARKS
300	CUST. CLOSET	EPT-2	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1 ALL WALLS TO 8'AFF
301	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
302	ASSISTANT PRINCIPAL	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
303	LEARNING CENTER	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
304	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
305	CUST. CLOSET	EPT-2	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1 ALL WALLS TO 8'AFF
306	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
306A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
307	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
308	READ	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
309	LEARNING CENTER	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
310	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
311	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
312	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
312A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
313	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
314	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
314A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
315	STAGES 3RD-5TH	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
315A	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
315B	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
316	BOYS TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
317	GIRLS TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
318	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
319	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
320	SCHOOL PSYCH	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
321	READ	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
322	TEACH COLLAB	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
323A	TEACH WELLNESS	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
323B	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
324	TOILET	EPX-2a	EPX-2a	TILE	TILE	TILE	TILE	
325	BOYS TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
326	GIRLS TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
327	CUST. CLOSET	EPT-2	RB-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1, EPT-1	FRP-1 ALL WALLS TO 8'AFF
328	ELEC	SEALED CONC	RB-1	PT-1	PT-1	PT-1	PT-1	
329	STRIDES 3RD-5TH	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
329A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
329B	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
329C	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
330	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
331	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
331A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
332	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
333	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
333A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
334	LANGUAGE BASED 3RD-5TH	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
335	READ	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
336	LEARNING CENTER	CPT	RB-1	PT-1	PT-1	PT-1	PT-1	
337	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
337A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
338	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
339	ELL	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
340	MATH	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
341	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
341A	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
342	GENERAL CLASSROOM	LIN	`	PAINT	PAINT	PAINT	PAINT	
343	SPEECH & LANGUAGE	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
344	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
345	SMALL GROUP ROOM	LIN	RB-1	PT-1	PT-1	PT-1	PT-1	
346	STRIDES 3RD-5TH	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
346A	TOILET	EPX-2a	EPX-2a	PAINT, TILE	PAINT, TILE	PAINT, TILE	PAINT, TILE	
346B	CALMING	RAF-1	RB-1	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	PAINT, WALL PADDING	
347	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
347A	SMALL GROUP ROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
348	MATH	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
349	SPEECH & LANGUAGE	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
350	ADJUSTMENT	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
351	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
351A	SMALL GROUP ROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
352	GENERAL CLASSROOM	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
C300	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
C301	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
C302	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
C303	CORRIDOR	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E310	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E311	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E312	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E313	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E315	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E329	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E331	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E332	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E333	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E334	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E338	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E341	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
E347	EXTENDED LEARNING	LIN	RB-1	PAINT	PAINT	PAINT	PAINT	
EL-3	ELEVATOR	RSF-1	MANUF	MANUF.	MANUF.	MANUF.	MANUF.	
S1-3	STAIR 1	TERRAZZO		PAINT	PAINT	PAINT	PAINT	
S2-3	STAIR 2	RST-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S3-3	STAIR 3	RST-1	RB-1	PAINT	PAINT	PAINT	PAINT	
S4-3	STAIR 4	TERRAZZO		PAINT	PAINT	PAINT	PAINT	

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
TILE			
TILE-1	PORCELANOSA	4 7/8"X17 7/16"	TREND: SNOW, TREND: D, H, V
TILE-2	AMERICAN OLEAN	2X8 FLUTED WALL TILE (KITCHENETTES)	COLOR STORY PINSTRIPE: ICE WHITE
TILE-3	CREATIVE MATERIALS CORP	12x24, VESTIBULE WALLS	SEASCAPE, BEIGE RIDGE NATURAL
TILE-4	AMERICAN OLEAN	KITCHEN WALLS: COLOR STORY- 8X24	MATTE DESIGNER WHITE 0061 (1)
TILE-5	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: FIELD TBD
TILE-6	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: ACCENT TBD
TILE-7	AMERICAN OLEAN	12X24	TOILET ROOMS, COLOR: ACCENT TBD
TILE-8	AMERICAN OLEAN	CUSTOM 2X2 MOSAIC, 6 COLORS	TOILET ROOMS ENTRY: WAYFINDING
RUBBER FLOORING			
RFL-1	ROPPE	36x36	STYLE: #970, COLOR: M678 MOCHACCINO
RESILIENT ATHLETIC FLOORING			
RAF-1	ECO SURFACES	SHEET	NADA RX, 3300 ADOBE
RESILIENT BASE (RB)			
RB-1	ROPPE	4" (ROLLS)	#193 BLACK BROWN
RUBBER STAIR TREAD, RISERS & LANDING (RST)			
RST-1	ROPPE	FULL WITH OF STAIR & LANDINGS	HAMMERED FINISH, COLOR: M678 MOCHACCINO
QUARTZ TILE			
QZT-1	ALTRO	24X24 COMPRESSED QUARTZ TILE	COLOR: ASH CD-9303
QZT-2	ALTRO	24X24 COMPRESSED QUARTZ TILE	COLOR: THUNDER CD-9318
FIBER REINFORCED WALL PANELS			
FRP-1	TBD	4X8	COLOR: TBD

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
TILE CARPETING			
CPT-1	PATCRAFT, NEUTRAL GROUND 1	18"X36" MONOLITHIC	I0637 UNHEMMED. COLOR: 00100 CHENILLE
CPT-2	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0205 SUNBEAM
CPT-3	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0350 MOSS
CPT-4	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0930 LICHEN
CPT-5	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0525 COBBLESTONE BARK
CPT-6	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0490 INDIGO
CPT-7	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0800 GARNET
CPT-8	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0908 BRICK
CPT-9	PATCRAFT, REVEAL 0662	18"X36" HERRINGBONE	STYLE: 0900 VIOLET
DIGITALLY PRINTED WALLCOVERING			
DPW-1	TBD	TBD	PK-ELA 105D
DPW-2	TBD	TBD	PK-ELA 105E
DPW-3	TBD	TBD	K-ELA 131E
DPW-4	TBD	TBD	K-ELA 131C
DPW-5	TBD	TBD	MEETING #182
DPW-6	TBD	TBD	CORRIDOR 102
DPW-7	TBD	TBD	ELA 205C
DPW-8	TBD	TBD	ELA 230C
DPW-9	TBD	TBD	ELA 205E
DPW-10	TBD	TBD	ELA 230F
DPW-11	TBD	TBD	
DPW-12	TBD	TBD	CAFETERIA ABOVE FOOD SERVICE
DPW-13	TBD	TBD	ELA 301A
DPW-14	TBD	TBD	ELA 301B
DPW-15	TBD	TBD	ELA 350A
DPW-16	TBD	TBD	ELA 333E
DPW-17	TBD	TBD	ELA 333F
DPW-18	TBD	TBD	ELA 333C
DPW-19	TBD	TBD	ELA 302C
DPW-20	TBD	TBD	LOBBY ADJ. TO VEST #172
DPW-21	TBD	TBD	LIBRARY @ TIERED SEATING

FINISH MATERIALS KEY

TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
PAINT			
PT-1	SHERWIN/WILLIAMS	SATIN/EG-SHELL	SW 7008 ALABASTER
PT-2	SHERWIN/WILLIAMS	FLAT (SOFFITS)	SW 7006 EXTRA WHITE
PT-3	SHERWIN/WILLIAMS	SEMI-GLOSS (DOOR FRAMES)	SW 7048 URBANE BRONZE
PT-4	SHERWIN/WILLIAMS	SATIN/EG-SHELL. PK-K TEACH. WALL	SW 6513 TAKE FIVE
PT-5	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR1-2 TEACH. WALL	SW 6429 BAIZE GREEN
PT-6	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR-3-5 TEACH. WALL	SW 6659 CAPTIVATING CREAM
PT-7	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #1 GYPSUM	TBD
PT-8	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #3 GYPSUM	TBD
PT-9	SHERWIN/WILLIAMS	SATIN/EG-SHELL	ACCENT
PT-10	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR. 3-5 ELA ACCENT	SW 0044 HUBBARD SQUASH
PT-11	SHERWIN/WILLIAMS	SATIN/EG-SHELL. GR. 1-2 ELA ACCENT	SW 0066 CASCADE GREEN
PT-12	SHERWIN/WILLIAMS	SATIN/EG-SHELL. ELA PREK-K	SW 9070, BABY BLUE EYES
PT-13	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #4 GYPSUM	TBD
PT-14	SHERWIN/WILLIAMS	SATIN/EG-SHELL. STAIR #2 GYPSUM	TBD
PT-15	SHERWIN/WILLIAMS	FLAT	STAGE WOOD FLOOR: BLACK
PT-16	SHERWIN/WILLIAMS	TBD	SPRINKLER PIPES IN LIBRARY & CAFE
EPOXY PAINT			
EPT-1	SHERWIN/WILLIAMS	SATIN	COLOR: TO MATCH PT-1
EPT-2	SHERWIN/WILLIAMS	SEE NOTES FOR INFORMATION	GREY: TBD
WINDOW ROLLER SHADES			
WS-1a	INPRO	SINGLE: MANUAL 1% OPENNESS	COLOR: TBD
WS-3	INPRO	DUAL: MOTORIZED 1% & BLACKOUT	COLOR: TBD
WS-5	INPRO	DUAL: MNAUAL 1% & BLACKOUT	COLOR: TBD

FINISH MATERIALS KEY

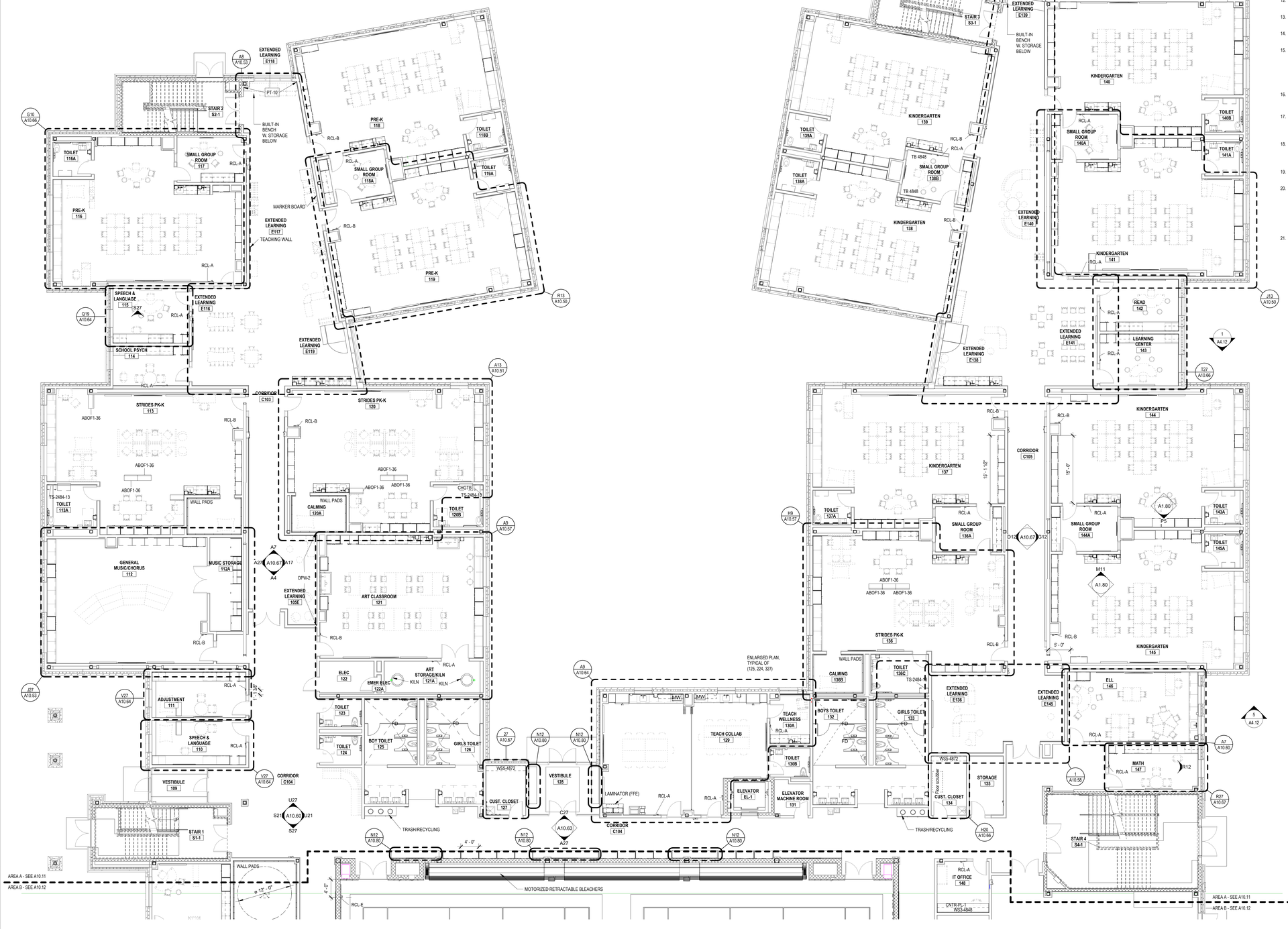
TAG	MANUFACTURER	SIZE/THICKNESS	COLOR/PATTERN BY BASIS OF DESIGN
WALK-OFF CARPET			
WOC-1	MATTER SURFACES	24X24	STYLE: TRILOGY, COLOR: CREMINI
WALK-OFF GRILLE (WOG)			
WOG-1	MATS INC	ALUMINUM	DESIGN TRACK
CORNER GUARDS			
CG-1	INPRO	VINYL FACED CORER GUARDS	FEATHER #0238
CG-2	INPRO	STAINLESS STEEL	N/A
FLUID APPLIED FLOORING			
EPX-2A	SHERWIN/WILLIAMS	TOILET ROOMS	BATHROOMS - FLAKES - TBD
EPX-2B	SHERWIN/WILLIAMS	KITCHEN	KITCHEN - COLOR - AMERICANO
LINOLEUM			
LIN-1	GERFLOR	LANDSCAPE COLLECTION	BEACH 0092
LIN-2	GERFLOR	LANDSCAPE COLLECTION	AUTUMN BLUE 0022
LIN-3	GERFLOR	LANDSCAPE COLLECTION	BLUE EYES 0121
LIN-4	GERFLOR	LANDSCAPE COLLECTION	LEAF GREEN 0043
LIN-5	GERFLOR	LANDSCAPE COLLECTION	ANTIQUE GREEN 0130
LIN-6	GERFLOR	LANDSCAPE COLLECTION	PALE YELLOW 0076
LIN-7	GERFLOR	LANDSCAPE COLLECTION	SHORTCRUST 0042
LIN-8	GERFLOR	LANDSCAPE COLLECTION	MILK COFFEE 0164
LIN-9	GERFLOR	LANDSCAPE COLLECTION	CLAY 0166

TERRAZZO COLOR FORMULAS

TAG	EPOXY COLOR
TERR-1	TM26-1717
TERR-2	TM26-1718

FINISH SCHEDULE GENERAL NOTES

1. FOR LIST OF MATERIAL ABBREVIATIONS REFER TO SHEET AG0.01.
2. WHERE MULTIPLE MATERIALS OR COLORS ARE SCHEDULED FOR FLOORS, REFER TO THE FLOOR FINISH PLANS FOR PATTERN, EXTENT, AND LAYOUT OF EACH MATERIAL OR COLOR.
3. WHERE MULTIPLE MATERIALS OR COLORS ARE SCHEDULED FOR WALLS, REFER TO THE INTERIOR ELEVATIONS FOR THE LOCATION AND EXTENT OF EACH MATERIAL OR COLOR.
4. FLOORING TRANSITION DETAILS ON THIS SHEET ARE TYPICAL FOR THE PROJECT. PROVIDE TRANSITION TRIM AT ALL CHANGES OF MATERIAL AS INDICATED IN DETAILS WHETHER SPECIFICALLY LOCATED WITH DETAIL CALLOUTS AT PLANS, OR UNLESS SPECIFIC DETAILS HAVE BEEN CALLED OUT.
5. TILE INSTALLATION DETAILS ON THIS SHEET ARE TYPICAL FOR THE PROJECT. PROVIDE TILE CONTROL JOINTS AND MOVEMENT JOINTS AS REQUIRED PER THE PROJECT SPECIFICATIONS AND BASED ON LOCATIONS OF FLOOR SLAB JOINTS AS DETERMINED IN THE FIELD.
6. THE INDEX OF FINISHES AND COLORS INDICATED ARE INTENDED TO DOCUMENT THE BASIS OF DESIGN COLORS AND PATTERNS ONLY. REFER TO PROJECT MANUAL SPECIFICATIONS FOR COMPLETE PRODUCT SPECIFICATIONS AND INSTALLATION REQUIREMENTS.
7. SEE CONSTRUCTION FLOOR PLANS FOR FLOORS SLOPING TO DRAINS AND LOCATIONS OF FLOOR DRAINS. INSTALL FLOOR FINISHES AS APPROPRIATE TO SLOPING CONDITIONS AND DRAINS. DO NOT INSTALL VCT, CERAMIC TILE, QUARRY TILE, OR OTHER HARD SURFACE FLOORING ACROSS CHANGES IN FLOOR PLANE. INSTALL PER SPECIFICATIONS AND INCORPORATE MFR. RECOMMENDED DETAILS.
8. LOCATE ALL CHANGES IN FLOORING MATERIAL OR COLOR AT OPENINGS WITH DOORS UNDER THE CENTER OF DOOR WHEN IN THE CLOSED POSITION UNLESS SPECIFICALLY NOTED OTHERWISE. LOCATE CHANGES IN FLOORING MATERIAL OR COLOR AT OPENINGS WITH NO DOORS AND UNFRAMED OPENINGS IN WALLS AT THE MID-POINT OF JAMB DEPTH UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLANS OR DETAILS.
9. WHERE DOORS AND/OR DOOR FRAMES ARE INDICATED TO RECEIVE DIFFERENT PAINT COLORS AT OPPOSITE SIDES OF OPENING, COLOR CHANGE SHALL OCCUR AT THE CORNER BETWEEN THE STOP PROFILE AND THE JAMB FRAME (CONCEALED BY THE DOOR IN TH



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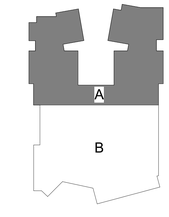
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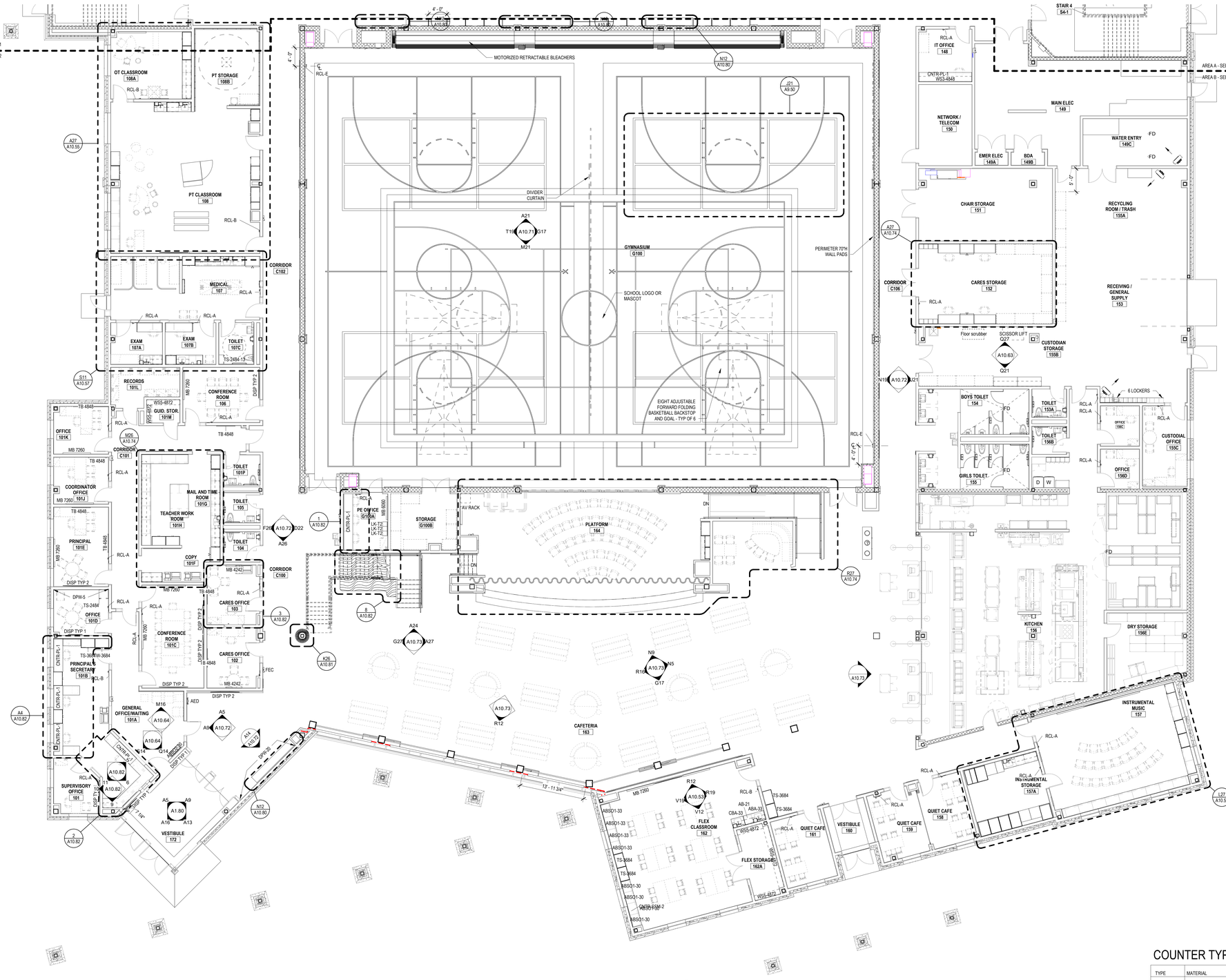
PROJECT NORTH

SHEET TITLE:

LEVEL 1 EQUIPMENT PLANS - AREA A

SHEET NUMBER:

A10.11



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COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

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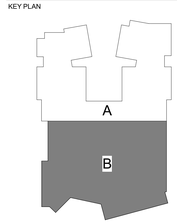
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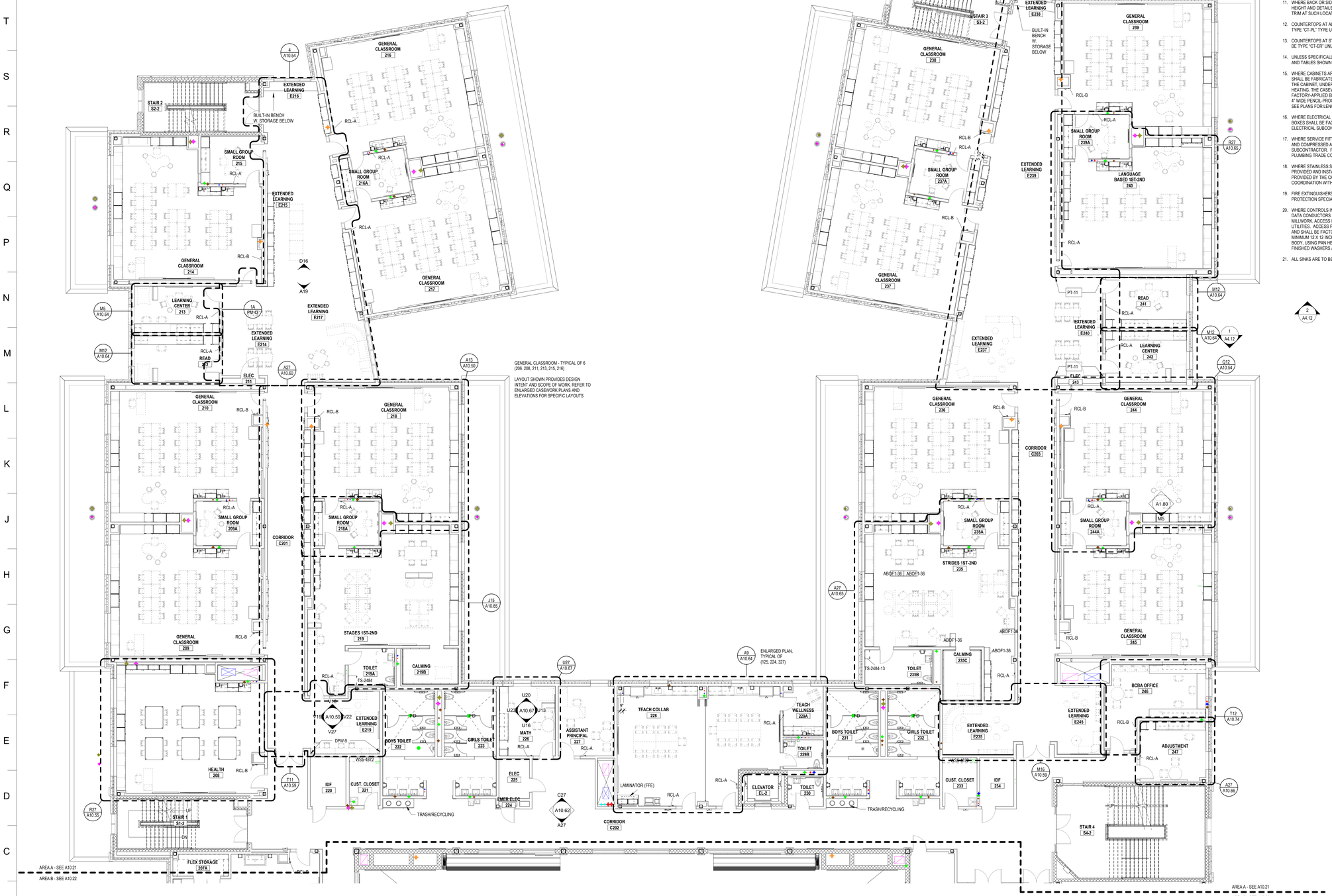
PROJECT NORTH
TRUE NORTH
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 1
EQUIPMENT PLANS
- AREA B

SHEET NUMBER:

A10.12



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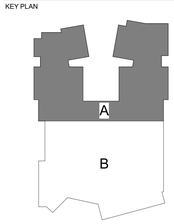
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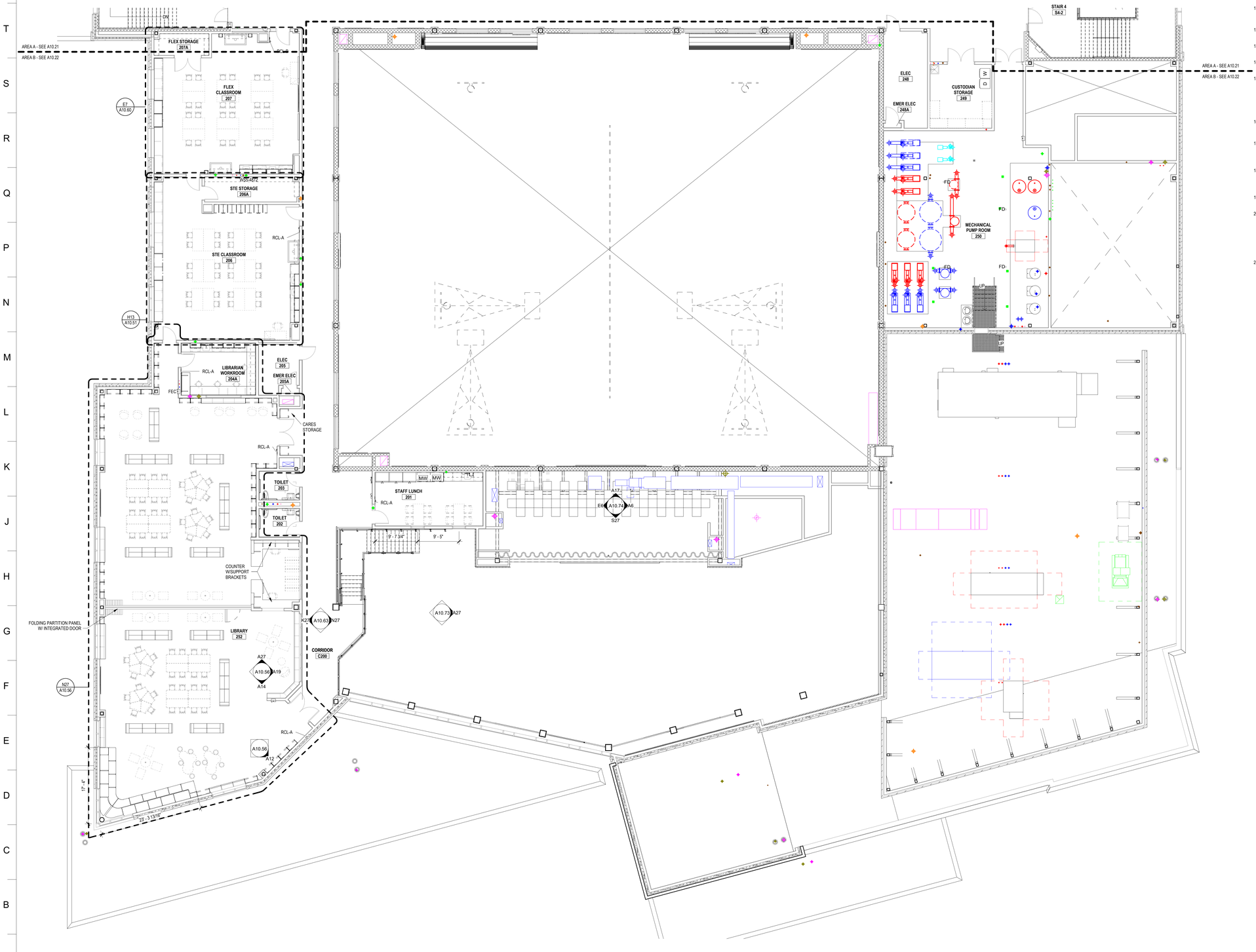
PROJECT NORTH

SHEET TITLE:

LEVEL 2 EQUIPMENT PLANS - AREA A

SHEET NUMBER:

A10.21



CASEWORK GENERAL NOTES

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2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
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PROJECT NUMBER: 23-0847

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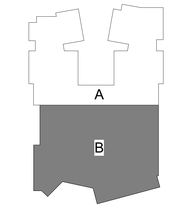
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KEY PLAN



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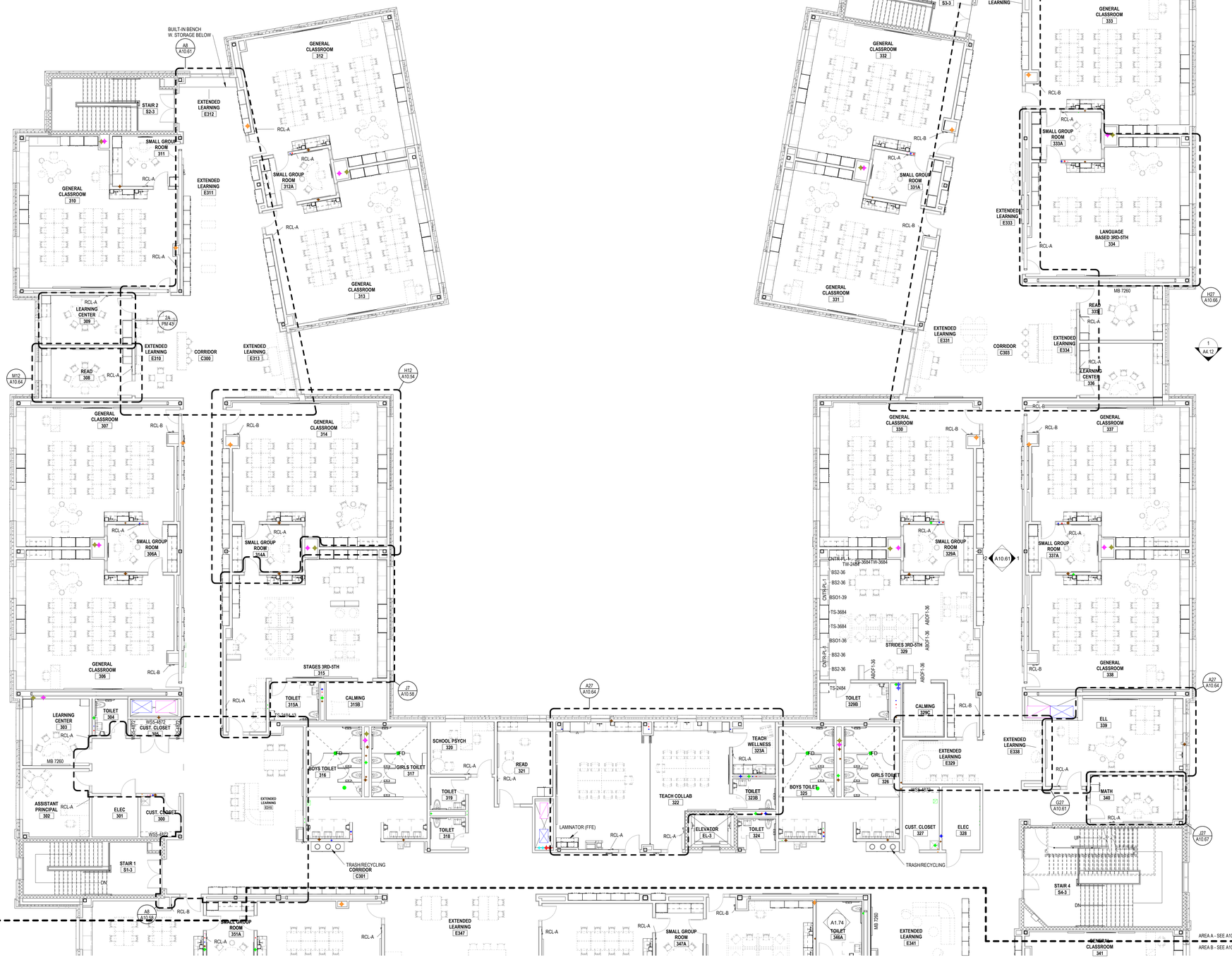
N
TRUE NORTH
PROJECT NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

LEVEL 2
EQUIPMENT PLANS
- AREA B

SHEET NUMBER:

A10.22



CASEWORK GENERAL NOTES

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2 A4.12

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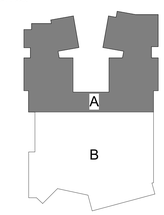
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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:

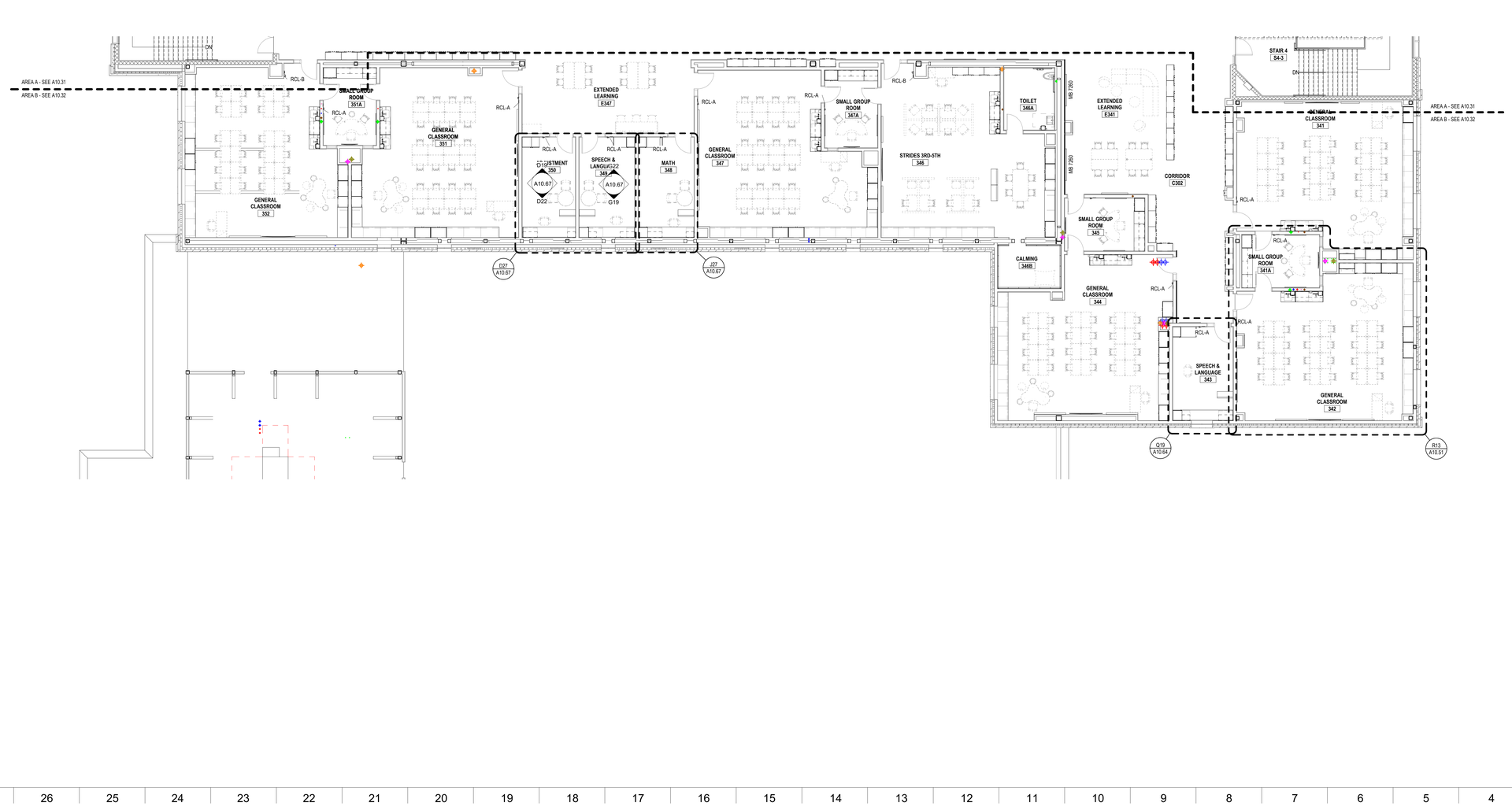
LEVEL 3 EQUIPMENT PLANS - AREA A

SHEET NUMBER:

A10.31

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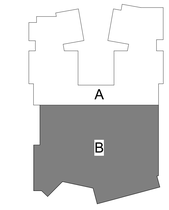
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KEY PLAN



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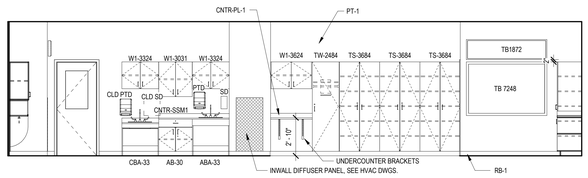
PROJECT NORTH

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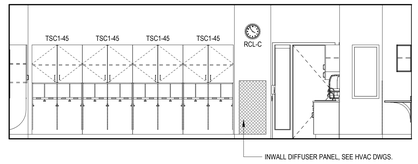
LEVEL 3
EQUIPMENT PLANS
- AREA B

SHEET NUMBER:

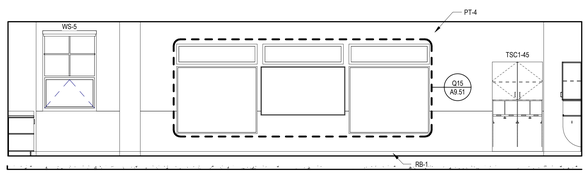
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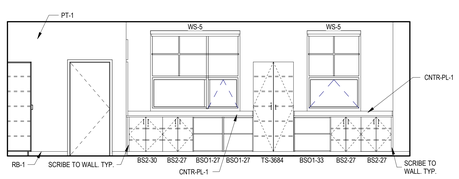
U27 INTERIOR ELEVATION - PRE-K CLASSROOM - WEST
1/4" = 1'-0"



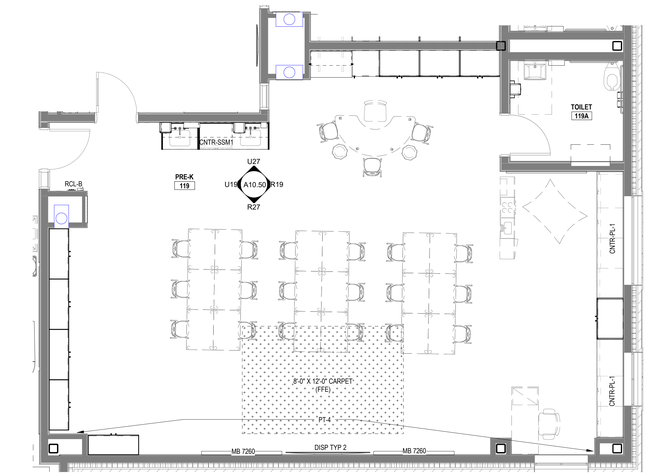
U19 INTERIOR ELEVATION - PRE-K CLASSROOM - SOUTH
1/4" = 1'-0"



R27 INTERIOR ELEVATION - PRE-K CLASSROOM - EAST
1/4" = 1'-0"



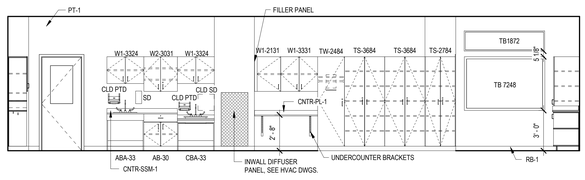
R19 INTERIOR ELEVATION - PRE-K CLASSROOM - NORTH
1/4" = 1'-0"



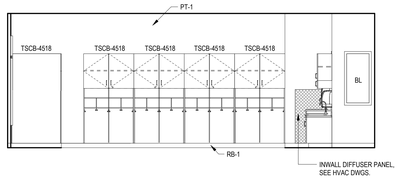
R13 ENLARGED PLAN - TYPICAL PRE-K CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO A10.11 PLAN SHEET FOR SPECIFIC LAYOUTS

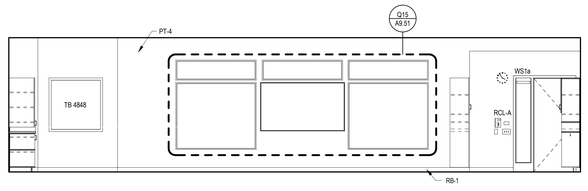
RM SIM/OH TO RMS: 110,112



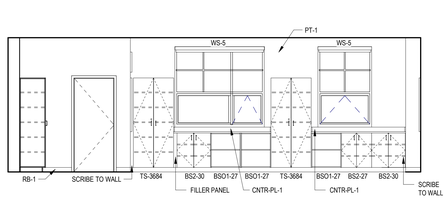
M27 INTERIOR ELEVATION - KINDERGARTEN - WEST
1/4" = 1'-0"



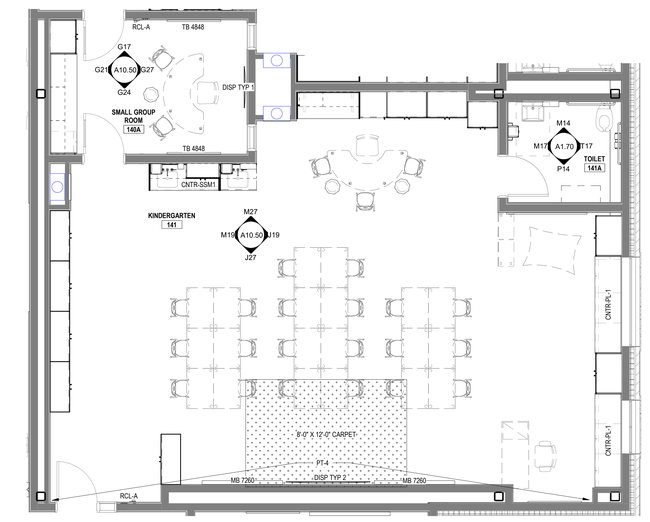
M19 INTERIOR ELEVATION - KINDERGARTEN - SOUTH
1/4" = 1'-0"



J27 INTERIOR ELEVATION - KINDERGARTEN - EAST
1/4" = 1'-0"



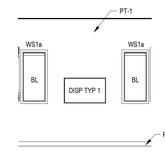
J19 INTERIOR ELEVATION - KINDERGARTEN - NORTH
1/4" = 1'-0"



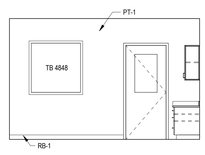
J13 ENLARGED PLAN - TYPICAL KINDERGARTEN CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO A10.11 PLAN SHEET FOR SPECIFIC LAYOUTS

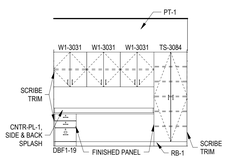
RM SIM/OH TO RMS: 135,137,138



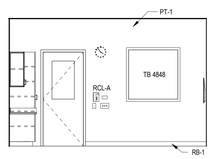
G27 INTERIOR ELEVATION - LEVEL 1 - SGR - EAST
1/4" = 1'-0"



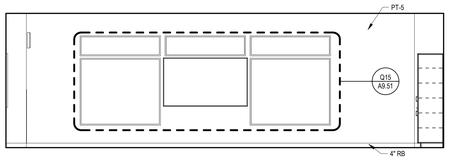
G24 INTERIOR ELEVATION - LEVEL 1 - SGR - SOUTH
1/4" = 1'-0"



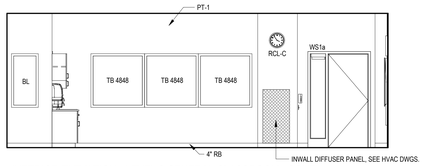
G21 INTERIOR ELEVATION - LEVEL 1 - SGR - WEST
1/4" = 1'-0"



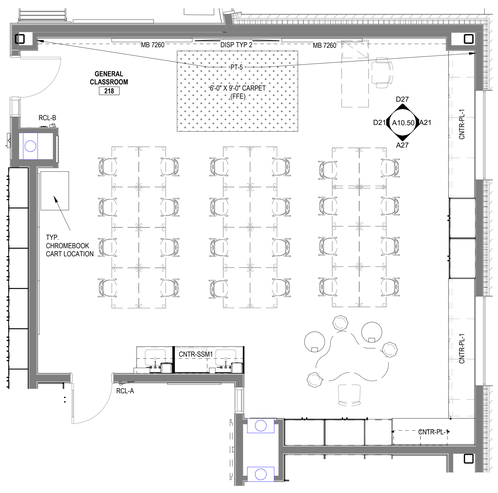
G17 INTERIOR ELEVATION - LEVEL 1 - SGR - NORTH
1/4" = 1'-0"



D27 INTERIOR ELEVATION - LEVEL 2 GENERAL CLASSROOM - WEST
1/4" = 1'-0"



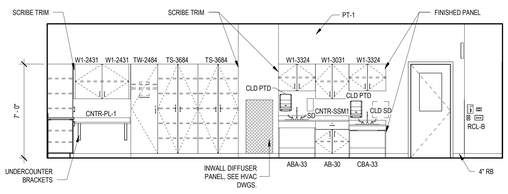
D21 INTERIOR ELEVATION - LEVEL 2 GENERAL CLASSROOM - SOUTH
1/4" = 1'-0"



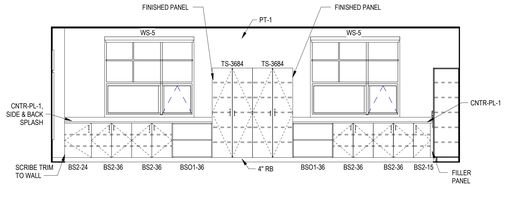
A13 ENLARGED PLAN - TYPICAL LEVEL 2 GENERAL CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO A10.21 PLAN SHEET FOR SPECIFIC LAYOUTS

RM SIM/OH TO RMS: 206, 208, 2011, 213, 215



A27 INTERIOR ELEVATION - LEVEL 2 GENERAL CLASSROOM - EAST
1/4" = 1'-0"



A21 INTERIOR ELEVATION - LEVEL 2 GENERAL CLASSROOM - NORTH
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12" X 12" INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / HEIGHT — AWP#-XXXX

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

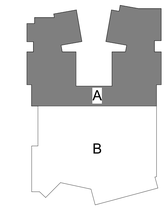
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

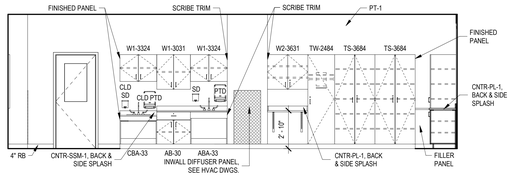
N TRUE NORTH
0 2' 4' 8'
SCALE: 1/4"=1'-0" GRAPHIC SCALE
PROJECT NORTH

SHEET TITLE:

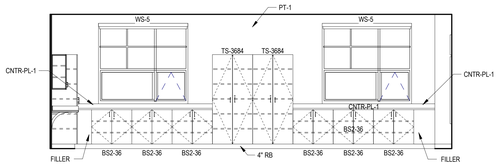
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:

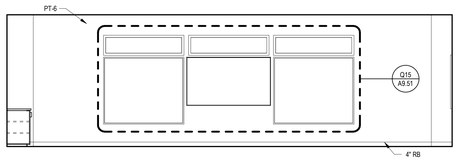
A10.50



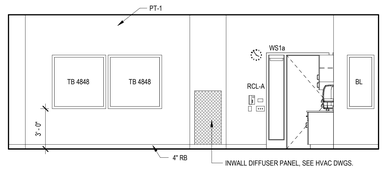
U27 INTERIOR ELEVATION - LEVEL 3 GENERAL CLASSROOM - WEST
1/4" = 1'-0"



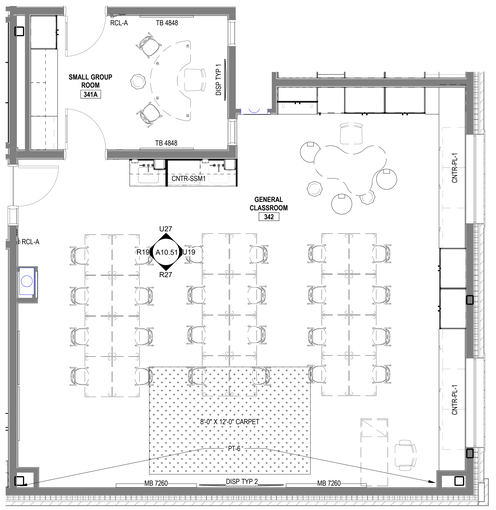
U19 INTERIOR ELEVATION - LEVEL 3 GENERAL CLASSROOM - NORTH
1/4" = 1'-0"



R27 INTERIOR ELEVATION - LEVEL 3 GENERAL CLASSROOM - EAST
1/4" = 1'-0"



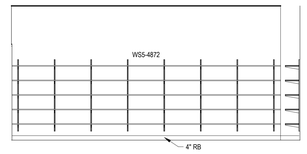
R19 INTERIOR ELEVATION - LEVEL 3 GENERAL CLASSROOM - SOUTH
1/4" = 1'-0"



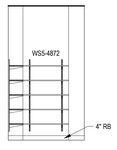
R13 ENLARGED PLAN - TYPICAL 4TH GRADE CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO A10.32 PLAN SHEET FOR SPECIFIC LAYOUTS

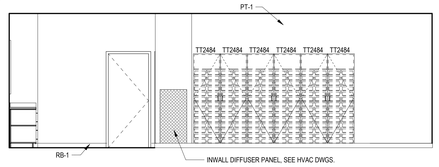
RM SIM/OH TO RMS: 355, 351, 359, 363, 365



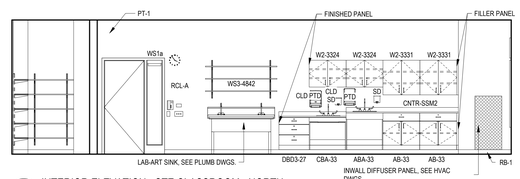
N27 STE STORAGE - WEST
1/4" = 1'-0"



N23 STE STORAGE - NORTH
1/4" = 1'-0"



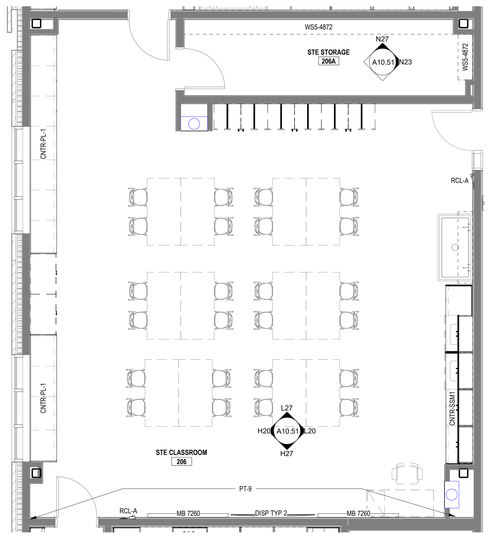
L27 INTERIOR ELEVATION - STE CLASSROOM - WEST
1/4" = 1'-0"



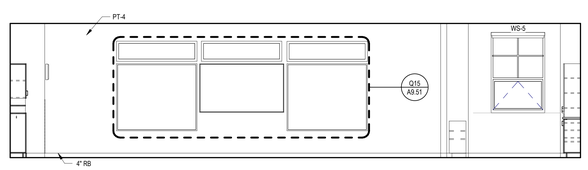
L20 INTERIOR ELEVATION - STE CLASSROOM - NORTH
1/4" = 1'-0"

H27 INTERIOR ELEVATION - STE CLASSROOM - EAST
1/4" = 1'-0"

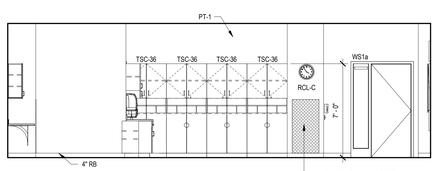
H20 INTERIOR ELEVATION - STE CLASSROOM - SOUTH
1/4" = 1'-0"



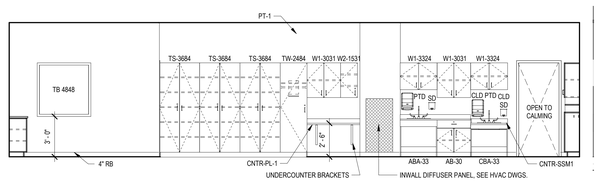
H13 ENLARGED PLAN - STE CLASSROOM - PLAN
1/4" = 1'-0"



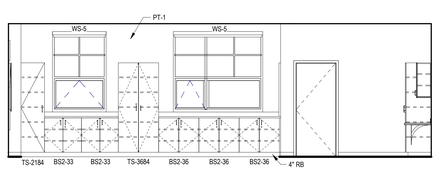
D27 INTERIOR ELEVATION - STRIDES PK-K WEST
1/4" = 1'-0"



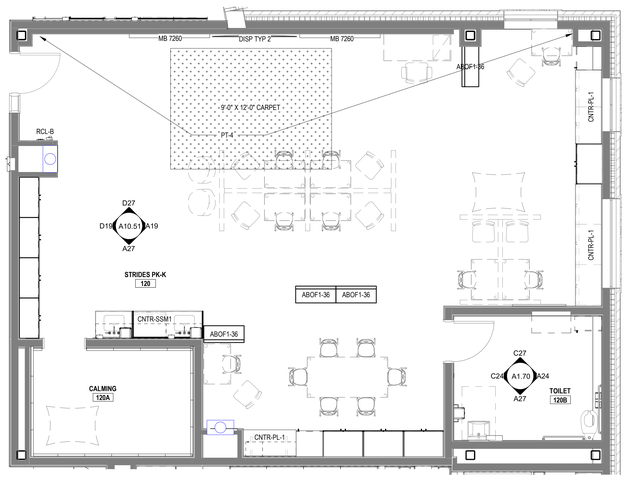
D19 INTERIOR ELEVATION - STRIDES PK-K - SOUTH
1/4" = 1'-0"



A27 INTERIOR ELEVATION - STRIDES PK-K - EAST
1/4" = 1'-0"



A19 INTERIOR ELEVATION - STRIDES PK-K - NORTH
1/4" = 1'-0"



A13 ENLARGED PLAN - TYPICAL PK STRIDES CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO A10.11 PLAN SHEET FOR SPECIFIC LAYOUTS

RM SIM/OH TO RMS: 107, 132, 218, 231, 321, 334

CASEWORK GENERAL NOTES

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8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, HEIGHT — AWP#-XXXX

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

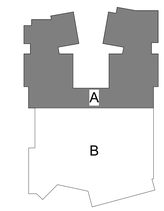
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ISSUE TITLE AND DATE:

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KEY PLAN

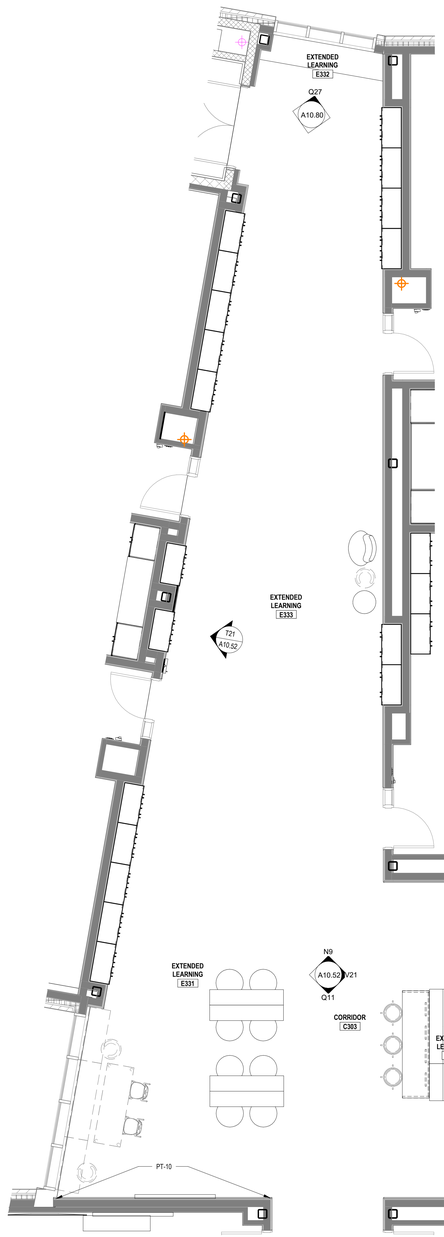


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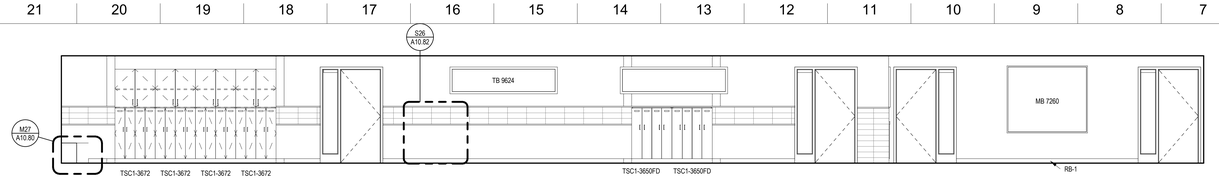
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SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

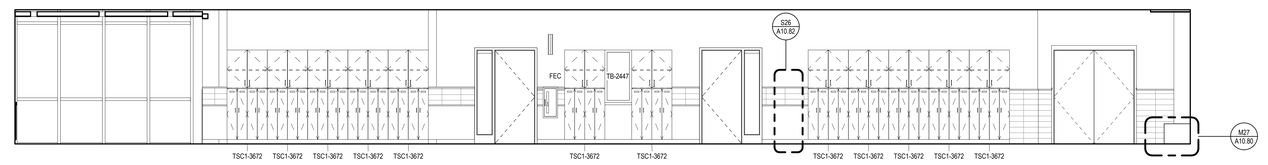
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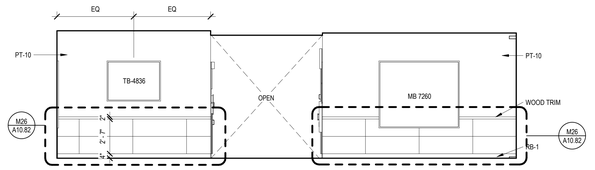
G27 ELA 333C, 333D - PLAN
1/4" = 1'-0"



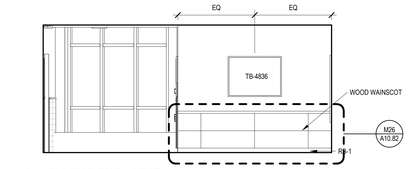
V21 ELA 333C - NORTH
1/4" = 1'-0"



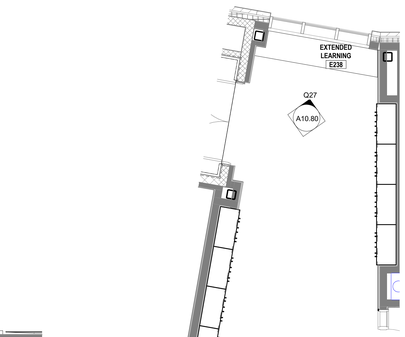
T21 ELA 333A, 333B, 333C, 333D - SOUTH
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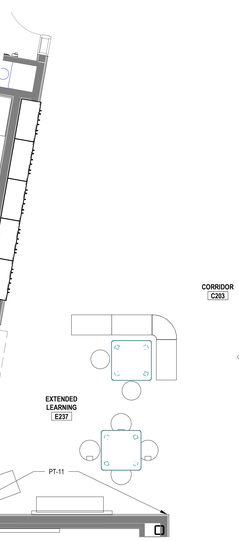
Q11 ELA 333C, 333D - EAST
1/4" = 1'-0"

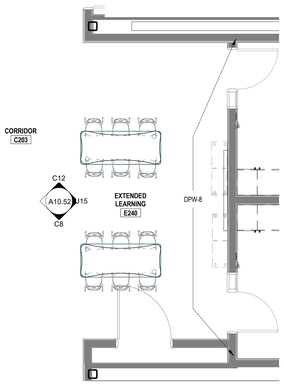


N9 ELA 333C, 333D - WEST
1/4" = 1'-0"

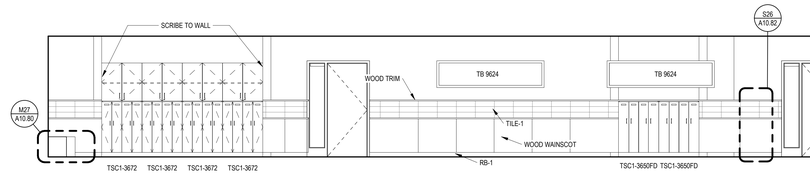




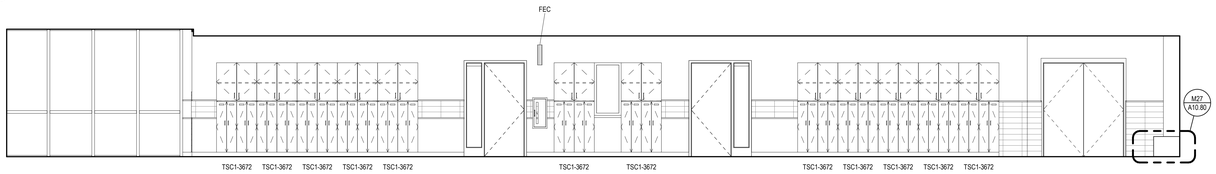




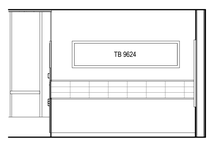
A20 ELA 230A, 230B, 230C, 230D
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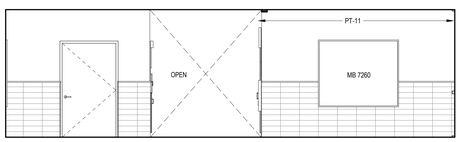
J15 ELA 230C - NORTH
1/4" = 1'-0"



F15 ELA 230 - SOUTH
1/4" = 1'-0"



C12 ELA 230C - WEST
1/4" = 1'-0"



C8 ELA 230C - EAST
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
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11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
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17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE; PANEL THICKNESS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

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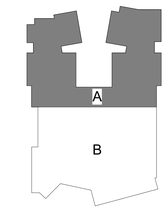
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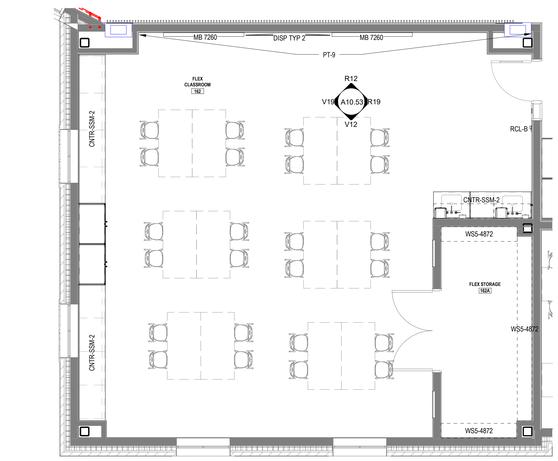


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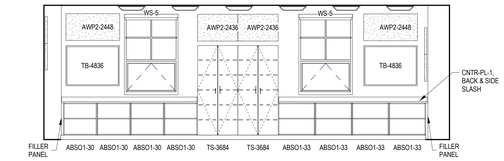
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CASEWORK PLANS AND ELEVATIONS

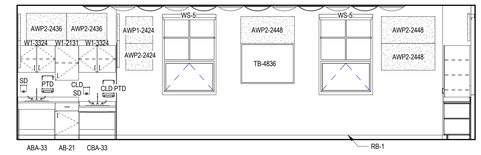
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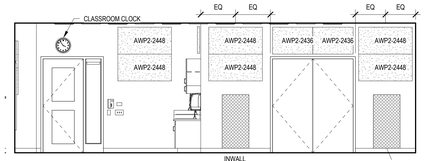
R27 PLAN - FLEX CLASSROOM
1/4" = 1'-0"



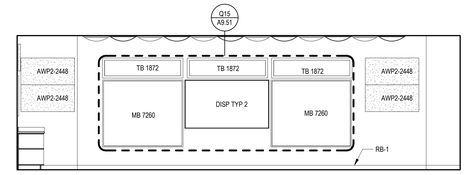
V19 FLEX CLASSROOM 171 - SOUTH
1/4" = 1'-0"



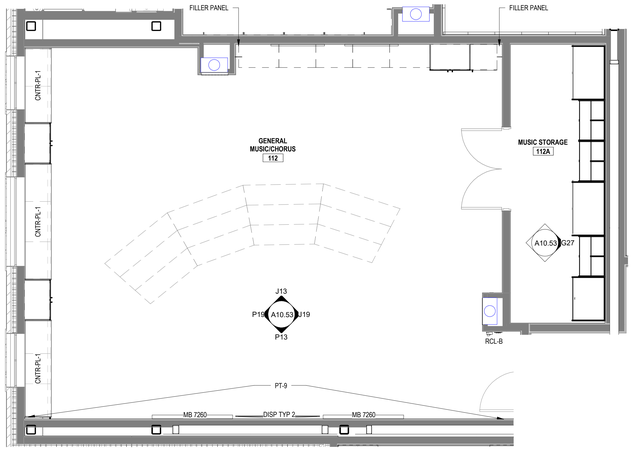
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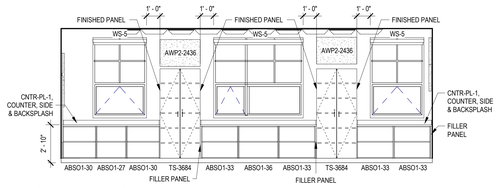
R19 FLEX CLASSROOM 171 - NORTH
1/4" = 1'-0"



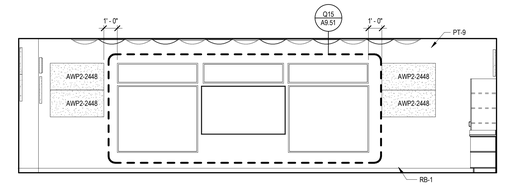
R12 FLEX CLASSROOM 171 - WEST
1/4" = 1'-0"



J27 PLAN - GENERAL MUSIC CLASSROOM
1/4" = 1'-0"

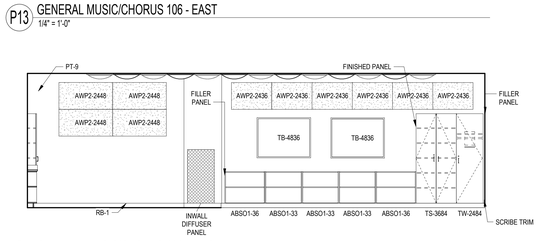


P19 GENERAL MUSIC/CHORUS 106 - SOUTH
1/4" = 1'-0"

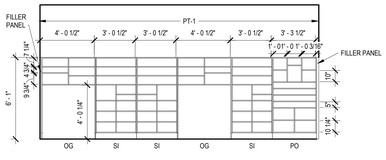


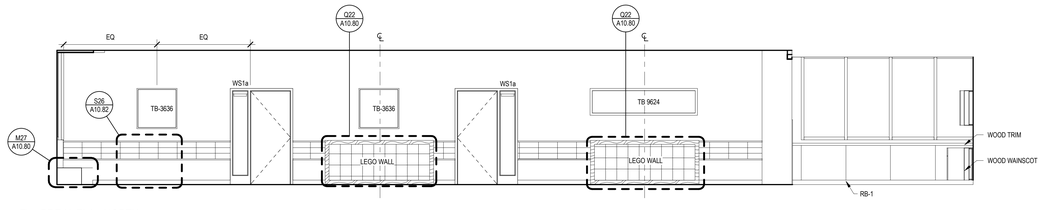
P13 GENERAL MUSIC/CHORUS 106 - EAST
1/4" = 1'-0"

J19 GENERAL MUSIC/CHORUS 106 - NORTH
1/4" = 1'-0"

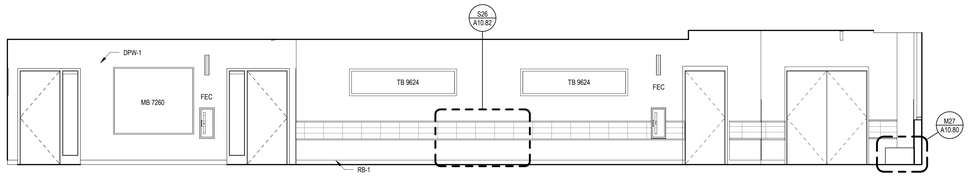


J13 GENERAL MUSIC/CHORUS 106 - WEST
1/4" = 1'-0"

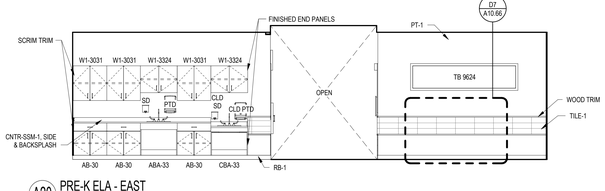




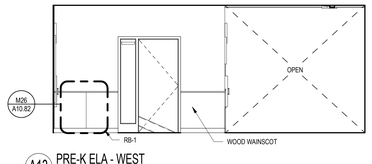
G20 PRE-K ELA - NORTH
1/4" = 1'-0"



D20 PRE-K ELA - SOUTH
1/4" = 1'-0"



A20 PRE-K ELA - EAST
1/4" = 1'-0"



A13 PRE-K ELA - WEST
1/4" = 1'-0"

A8 PRE-K ELA - PLAN
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOMS, INCLUDING BUT RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE "CT-ER" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE SSM-1 COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
19. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
20. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12" X 12" INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL
21. ALL SINKS ARE TO BE IN SOLID SURFACE COUNTER. PLAM NOT PERMITTED.

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE — PANEL THICKNESS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

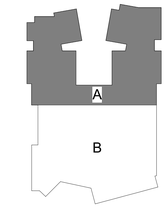
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



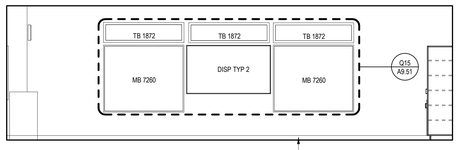
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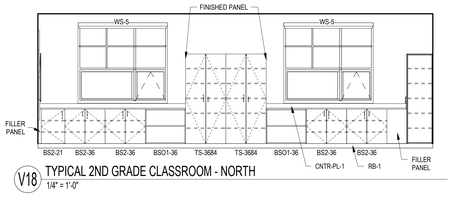
PROJECT NORTH

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

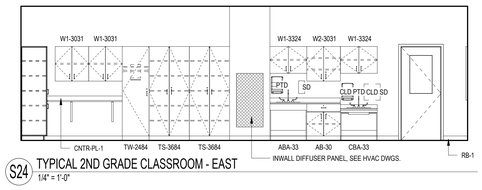
SHEET NUMBER:
A10.53



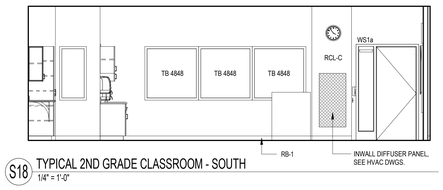
V24 TYPICAL 2ND GRADE CLASSROOM - WEST
1/4" = 1'-0"



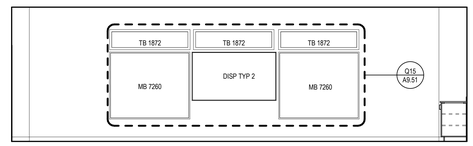
V18 TYPICAL 2ND GRADE CLASSROOM - NORTH
1/4" = 1'-0"



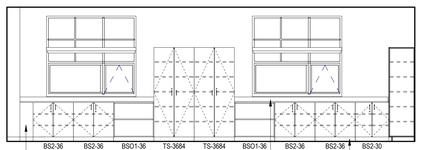
S24 TYPICAL 2ND GRADE CLASSROOM - EAST
1/4" = 1'-0"



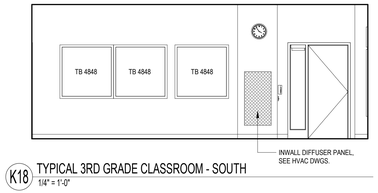
S18 TYPICAL 2ND GRADE CLASSROOM - SOUTH
1/4" = 1'-0"



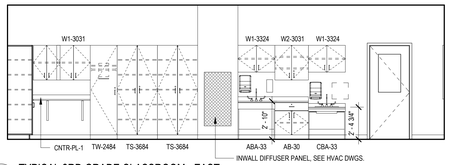
P24 TYPICAL 3RD GRADE CLASSROOM - WEST
1/4" = 1'-0"



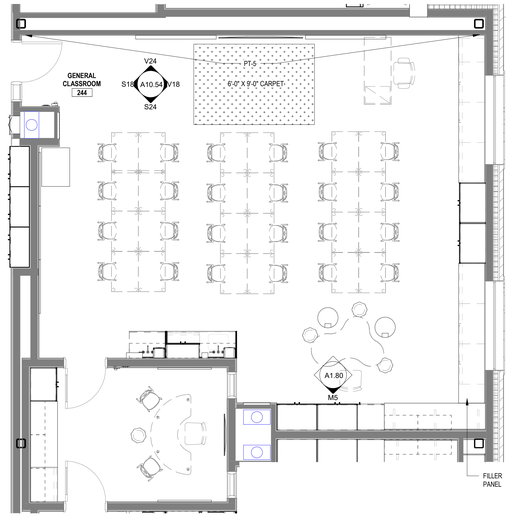
P18 TYPICAL 3RD GRADE CLASSROOM - NORTH
1/4" = 1'-0"



K18 TYPICAL 3RD GRADE CLASSROOM - SOUTH
1/4" = 1'-0"



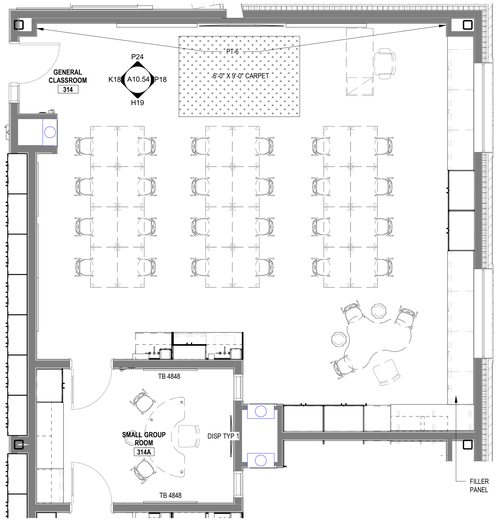
H19 TYPICAL 3RD GRADE CLASSROOM - EAST
1/4" = 1'-0"



Q12 ENLARGED PLAN - TYPICAL LEVEL 2 CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO AQ1.XX PLAN SHEET FOR SPECIFIC LAYOUTS

RM SIM/OH TO RMS: 233, 234, 236, 237, 239, 244



H12 ENLARGED PLAN - TYPICAL LEVEL 3 GENERAL CLASSROOM
1/4" = 1'-0"

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO AQ1.XX PLAN SHEET FOR SPECIFIC LAYOUTS

RM SIM/OH TO RMS: 309, 311, 314, 316, 318

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE, CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 18" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

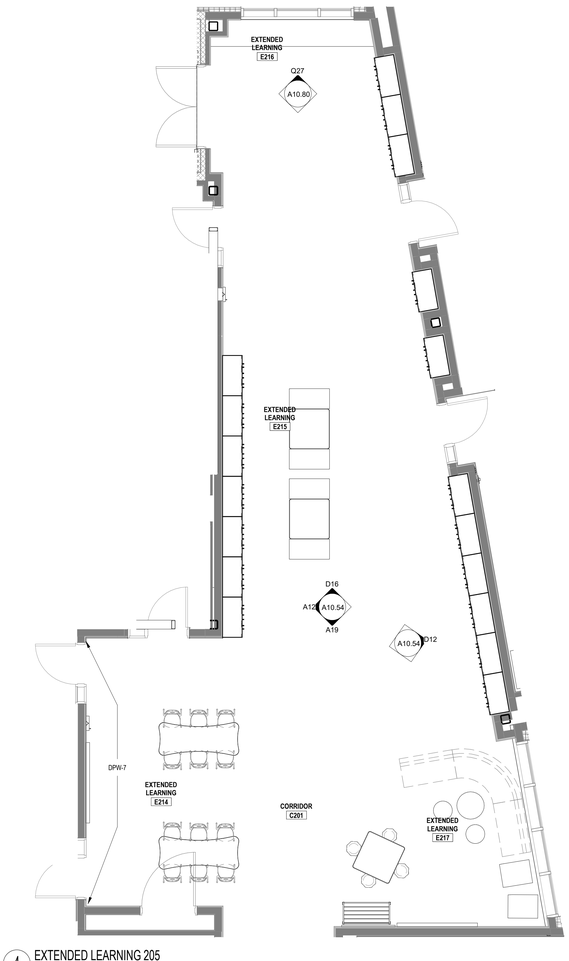
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

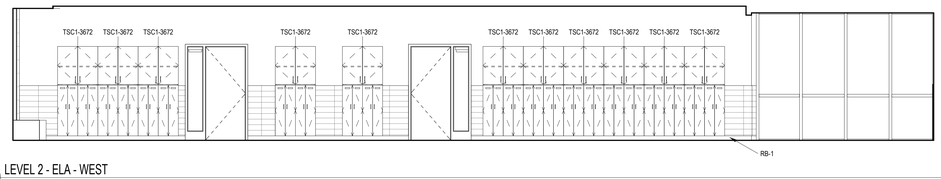
KEY: AWP#-XXXX — SIZE PANEL THICKNESS



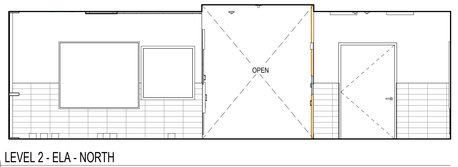
4 EXTENDED LEARNING 205
1/4" = 1'-0"



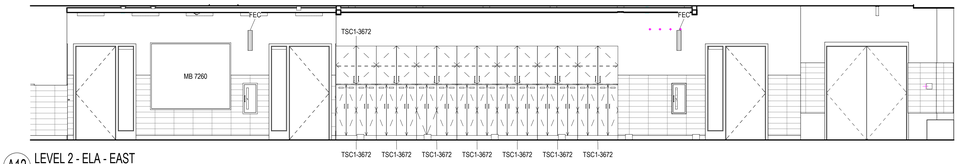
D16 LEVEL 2 - ELA - SOUTH
1/4" = 1'-0"



D12 LEVEL 2 - ELA - WEST
1/4" = 1'-0"



A19 LEVEL 2 - ELA - NORTH
1/4" = 1'-0"



A12 LEVEL 2 - ELA - EAST
1/4" = 1'-0"

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
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VERMONT
212 BATTERY STREET
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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

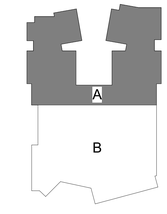
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



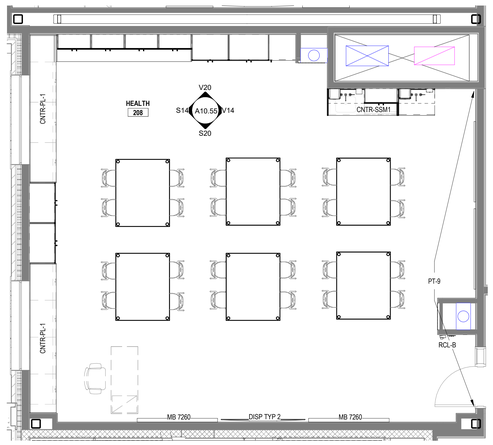
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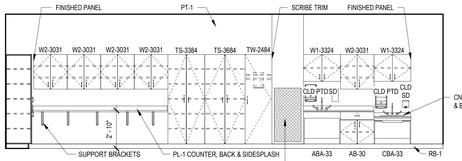
PROJECT NORTH

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

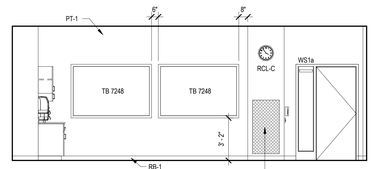
SHEET NUMBER:
A10.54



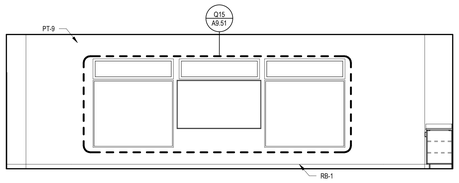
R27 ENLARGED PLAN - HEALTH CLASSROOM
1/4" = 1'-0"



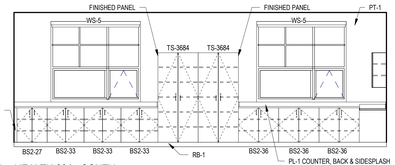
V20 HEALTH 204 - WEST
1/4" = 1'-0"



V14 HEALTH 204- NORTH
1/4" = 1'-0"



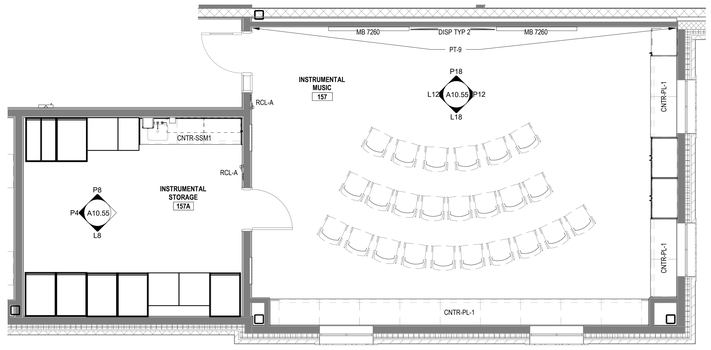
S20 HEALTH 204 - EAST
1/4" = 1'-0"



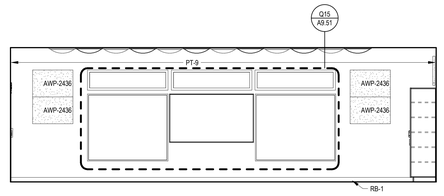
S14 HEALTH 204 - SOUTH
1/4" = 1'-0"

CASEWORK GENERAL NOTES

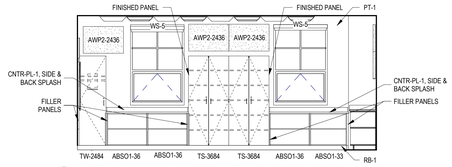
1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE "CT-ER" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.



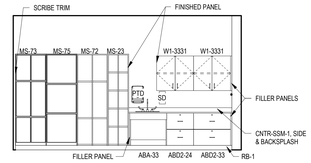
L27 ENL. PLAN - INSTRUMENTAL MUSIC
1/4" = 1'-0"



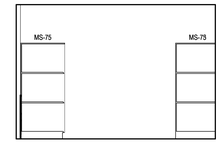
P18 INSTRUCTMENTAL MUSIC - WEST
1/4" = 1'-0"



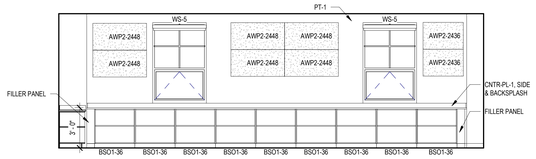
P12 INSTRUCTMENTAL MUSIC - NORTH
1/4" = 1'-0"



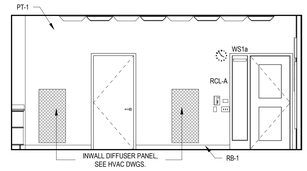
P8 INSTRUMENTAL MUSIC - WEST
1/4" = 1'-0"



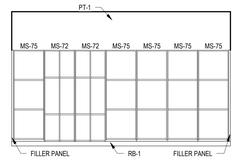
P4 INSTRUMENTAL MUSIC - SOUTH
1/4" = 1'-0"



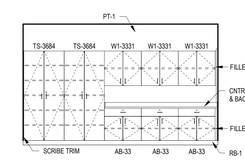
L18 INSTRUCTMENTAL MUSIC - EAST
1/4" = 1'-0"



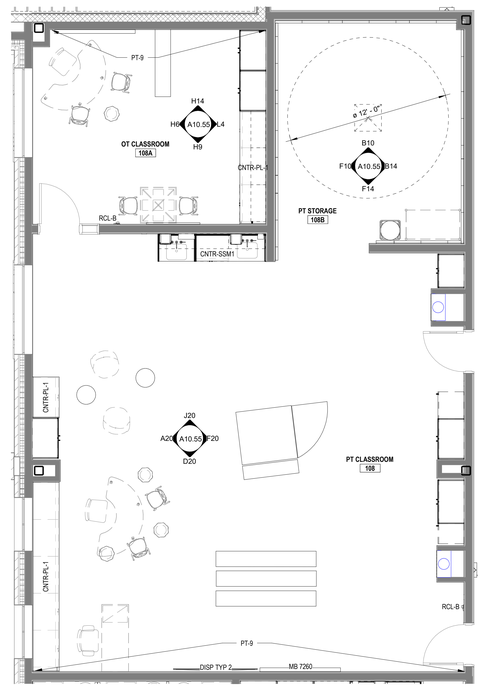
L12 INSTRUCTMENTAL MUSIC - SOUTH
1/4" = 1'-0"



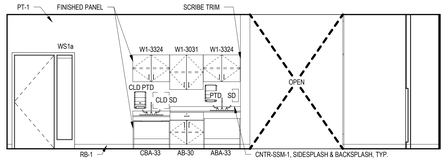
L8 INSTRUMENTAL MUSIC - EAST
1/4" = 1'-0"



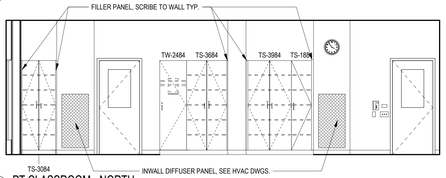
L4 OT CLASSROOM - NORTH
1/4" = 1'-0"



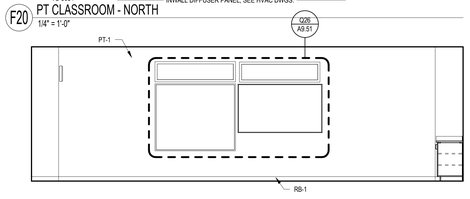
A27 ENLARGED PLAN - OT PT CLASSROOM
1/4" = 1'-0"



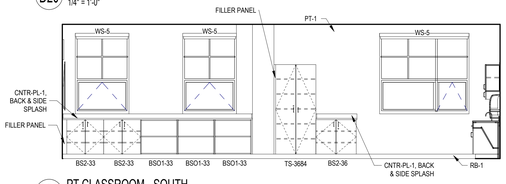
J20 PT CLASSROOM - WEST
1/4" = 1'-0"



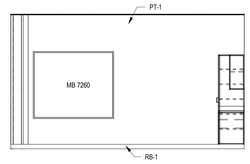
F20 PT CLASSROOM - NORTH
1/4" = 1'-0"



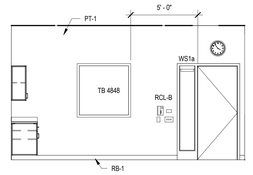
D20 PT CLASSROOM - EAST
1/4" = 1'-0"



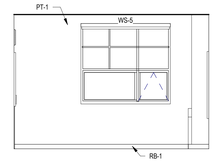
A20 PT CLASSROOM - SOUTH
1/4" = 1'-0"



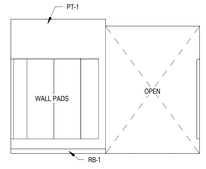
H14 INTERIOR ELEVATION - OT CLASSROOM - WEST
1/4" = 1'-0"



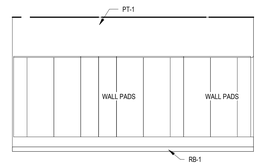
H9 INTERIOR ELEVATION - OT CLASSROOM - EAST
1/4" = 1'-0"



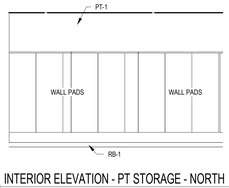
H6 INTERIOR ELEVATION - OT CLASSROOM - SOUTH
1/4" = 1'-0"



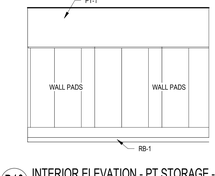
F14 INTERIOR ELEVATION - PT STORAGE - EAST
1/4" = 1'-0"



F10 INTERIOR ELEVATION - PT STORAGE - SOUTH
1/4" = 1'-0"



B14 INTERIOR ELEVATION - PT STORAGE - NORTH
1/4" = 1'-0"



B10 INTERIOR ELEVATION - PT STORAGE - WEST
1/4" = 1'-0"

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / AWP#-XXXX / HEIGHT

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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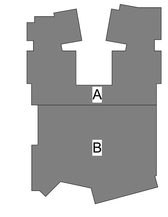
NO.	DATE	TITLE

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KEY PLAN



ORIENTATION AND SCALE:

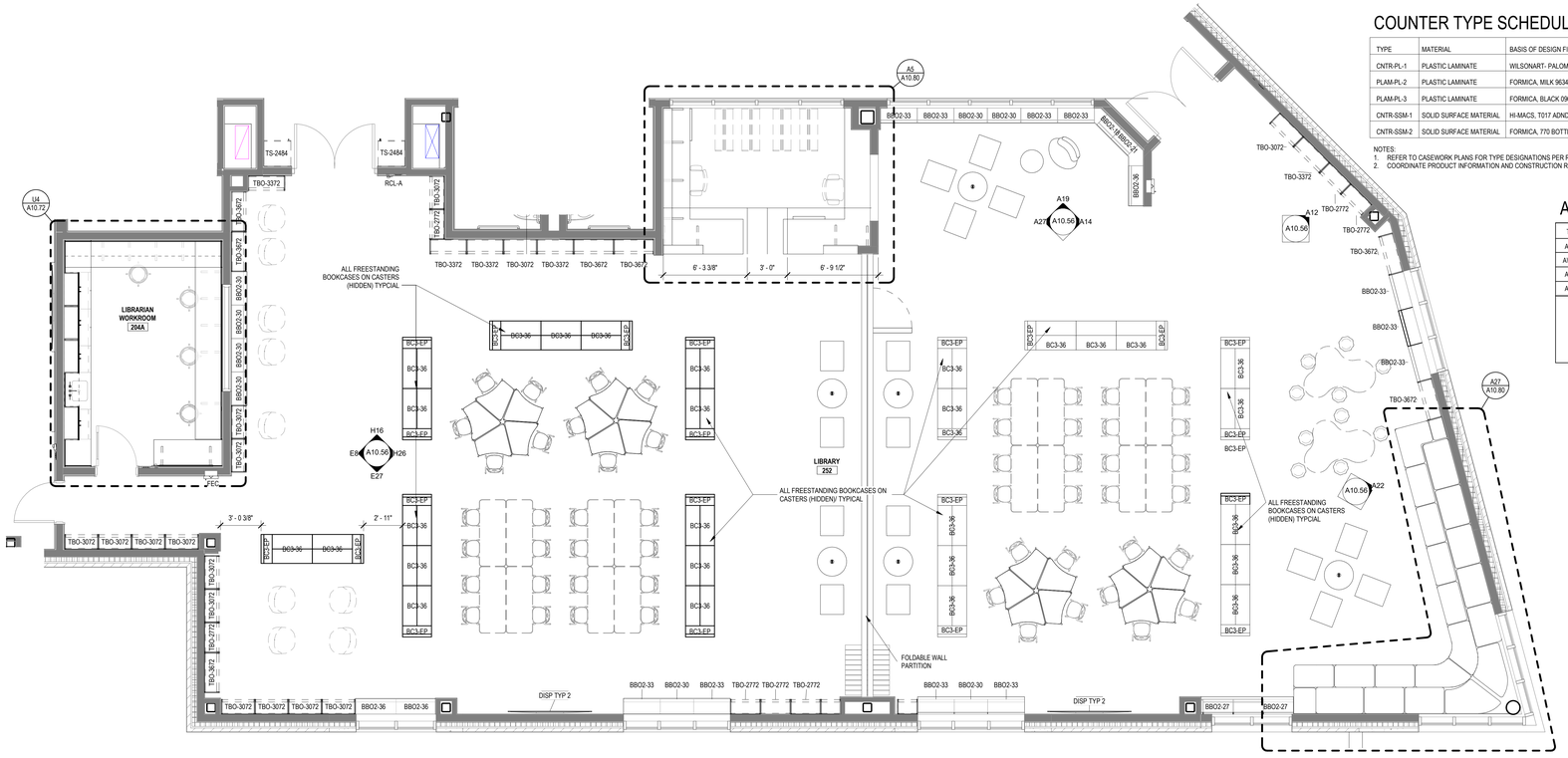
N
TRUE NORTH
PROJECT NORTH
0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE

SHEET TITLE:

CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:

A10.55



N27 LIBRARY - PLAN
1/4" = 1'-0"

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNOROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

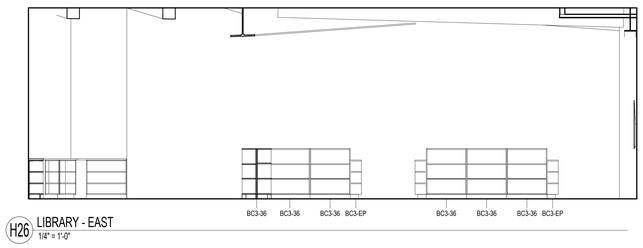
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, AWP#-XXXX, HEIGHT

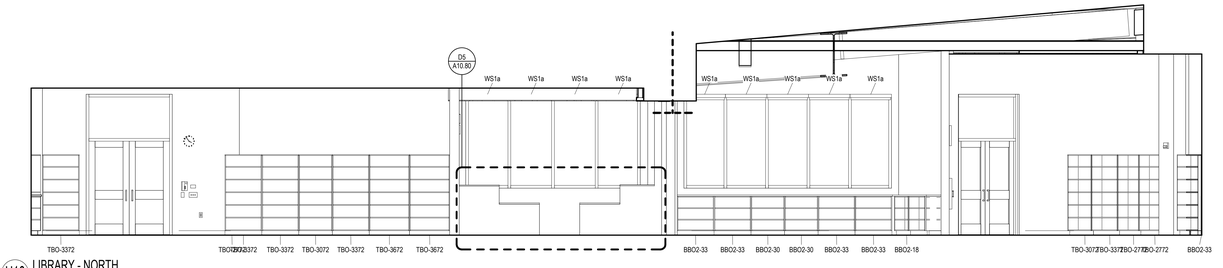
KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

CASEWORK GENERAL NOTES

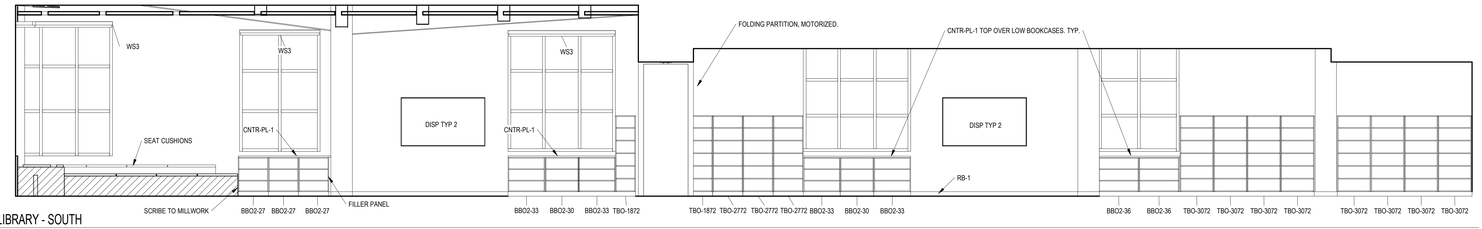
1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF CUT OF LEVEL FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOMS, INCLUDING BUT RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE "CT-EP" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE SSM-1 COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
19. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
20. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
21. ALL SINKS ARE TO BE IN SOLID SURFACE COUNTER. PLAM NOT PERMITTED.



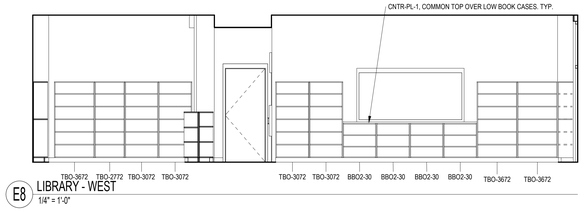
H26 LIBRARY - EAST
1/4" = 1'-0"



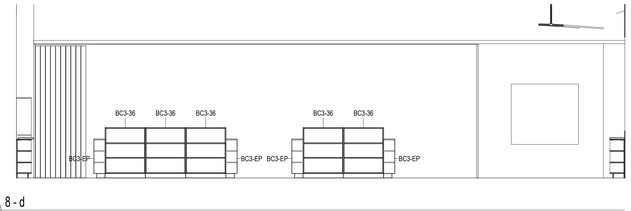
H16 LIBRARY - NORTH
1/4" = 1'-0"



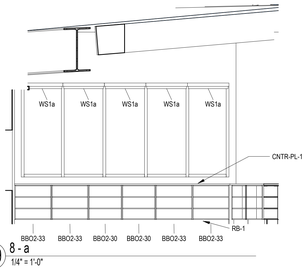
E27 LIBRARY - SOUTH
1/4" = 1'-0"



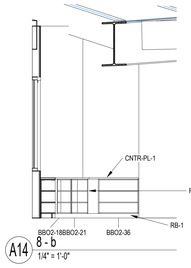
E8 LIBRARY - WEST
1/4" = 1'-0"



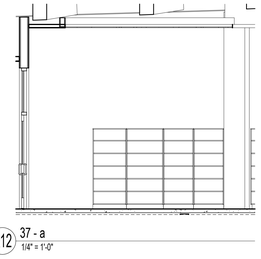
A27 8 - d
1/4" = 1'-0"



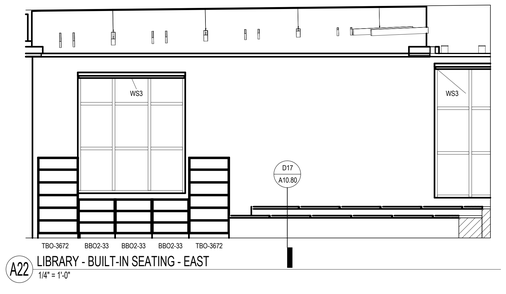
A19 8 - a
1/4" = 1'-0"



A14 8 - b
1/4" = 1'-0"



A12 37 - a
1/4" = 1'-0"



A22 LIBRARY - BUILT-IN SEATING - EAST
1/4" = 1'-0"

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

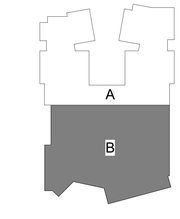
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

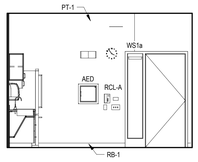


ORIENTATION AND SCALE:

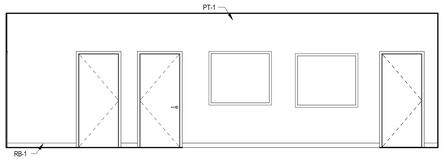
0 2' 4' 8'
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

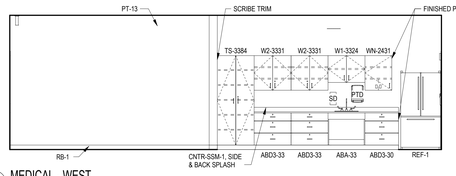
SHEET NUMBER:
A10.56



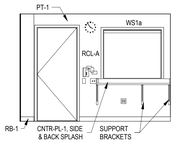
V26 MEDICAL - NORTH
1/4" = 1'-0"



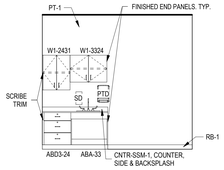
V23 MEDICAL - EAST
1/4" = 1'-0"



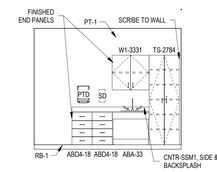
V17 MEDICAL - WEST
1/4" = 1'-0"



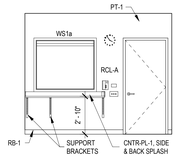
S27 EXAM ROOM #190A - SOUTH
1/4" = 1'-0"



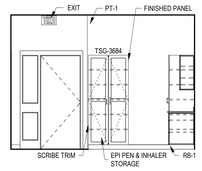
S23 EXAM ROOM 190A - NORTH
1/4" = 1'-0"



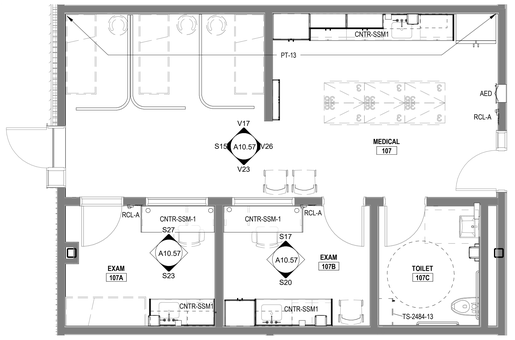
S20 EXAM ROOM - EAST, TYPICAL
1/4" = 1'-0"



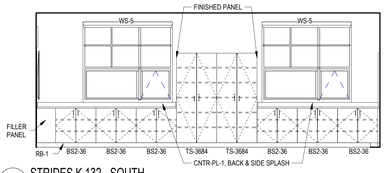
S17 EXAM ROOM - WEST, TYPICAL
1/4" = 1'-0"



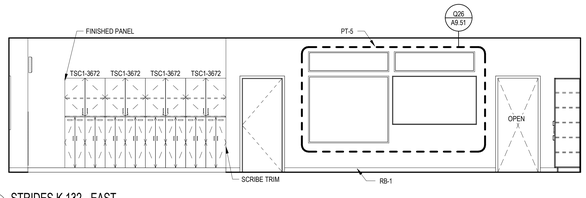
S15 MEDICAL - SOUTH
1/4" = 1'-0"



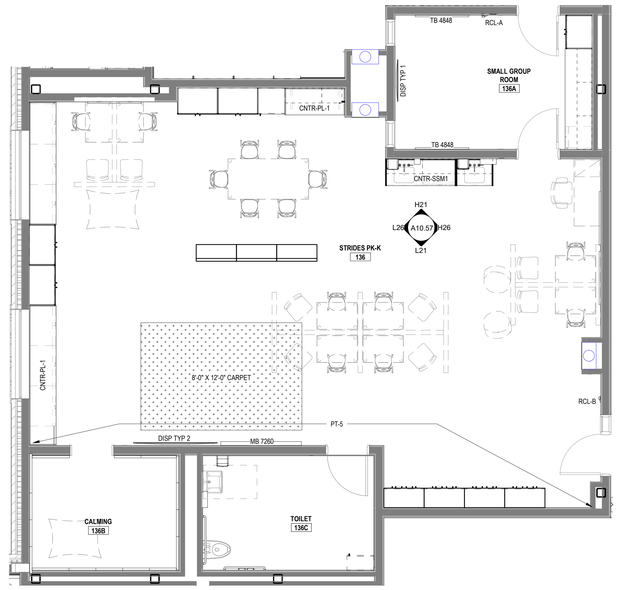
S11 PLAN - NURSES SUITE
1/4" = 1'-0"



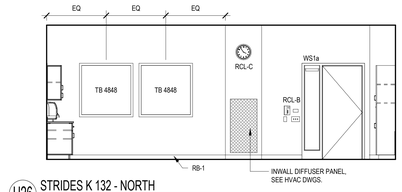
L26 STRIDES K 132 - SOUTH
1/4" = 1'-0"



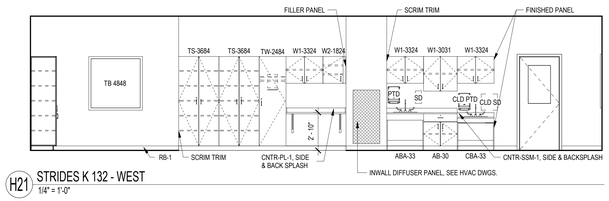
L21 STRIDES K 132 - EAST
1/4" = 1'-0"



H9 PLAN - TYPICAL KINDERGARTEN STRIDES CLASSROOM
1/4" = 1'-0"



H26 STRIDES K 132 - NORTH
1/4" = 1'-0"



H21 STRIDES K 132 - WEST
1/4" = 1'-0"

CASEWORK GENERAL NOTES

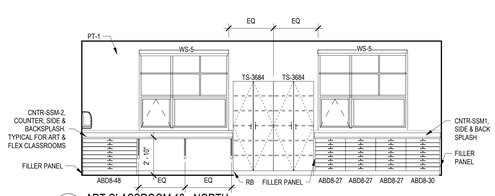
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2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE 'CT-SSM-2' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

ACOUSTIC PANEL SCHEDULE

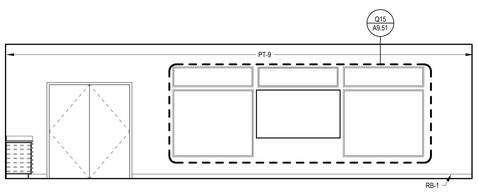
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, AWP#-XXXX, HEIGHT

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

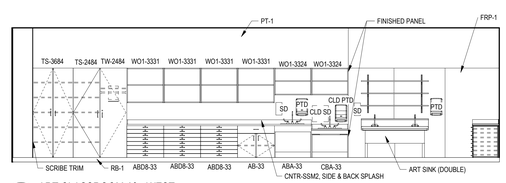


D25 ART CLASSROOM 16 - SOUTH
1/4" = 1'-0"

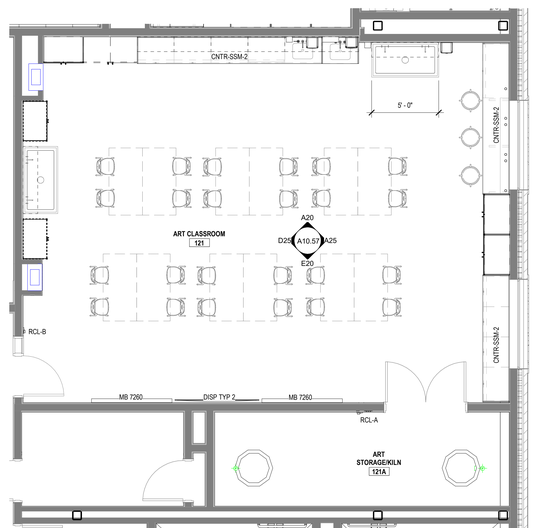


E20 ART CLASSROOM 16 - EAST
1/4" = 1'-0"

A25 ART CLASSROOM 16 - NORTH
1/4" = 1'-0"



A20 ART CLASSROOM 16 - WEST
1/4" = 1'-0"



A9 PLAN - ART CLASSROOM
1/4" = 1'-0"

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

LAYOUT SHOWN PROVIDES DESIGN INTENT, AND SCOPE OF WORK REFER TO AQ1.XX PLAN SHEET FOR SPECIFIC LAYOUTS

RM SIM/CH TO RMS: 257

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

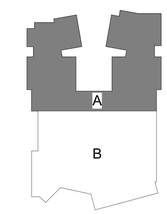
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



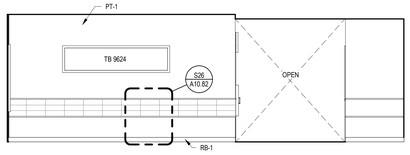
ORIENTATION AND SCALE:



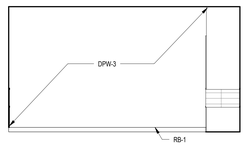
PROJECT NORTH

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

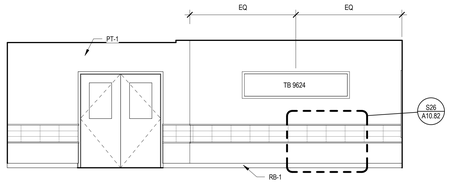
SHEET NUMBER:
A10.57



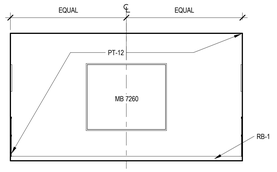
V26 EXTENDED LEARNING 131E&131F - WEST
1/4" = 1'-0"



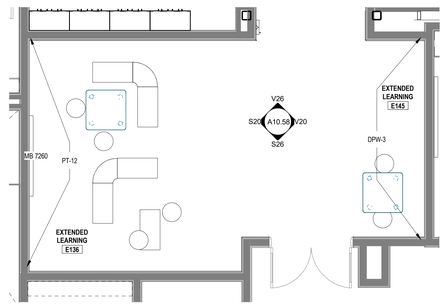
V20 EXTENDED LEARNING 131E&131F - NORTH
1/4" = 1'-0"



S26 EXTENDED LEARNING 131E&131F - EAST
1/4" = 1'-0"



S20 EXTENDED LEARNING 131E&131F - SOUTH
1/4" = 1'-0"



1 ELA 131E & 131F - PLAN
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

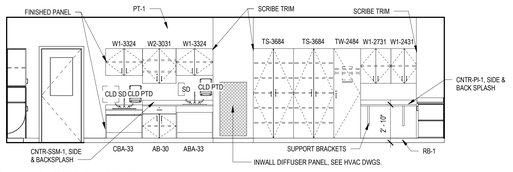
KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE PANEL THICKNESS

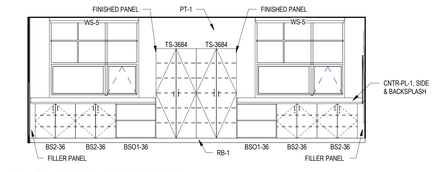
COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
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CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
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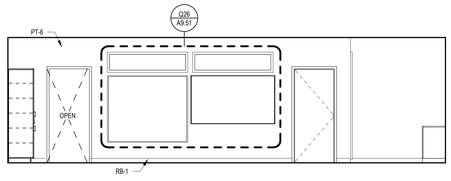
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS



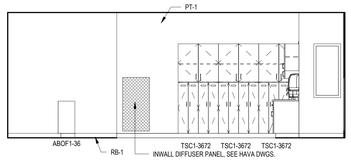
N20 STAGES 3RD-5TH 321 - WEST
1/4" = 1'-0"



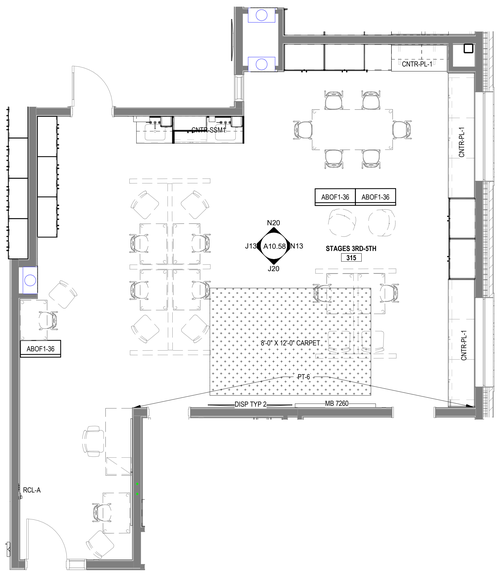
N13 STAGES 3RD-5TH 321 - NORTH
1/4" = 1'-0"



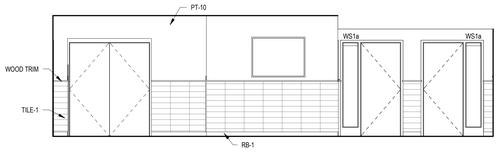
J20 STAGES 3RD-5TH 321 - EAST
1/4" = 1'-0"



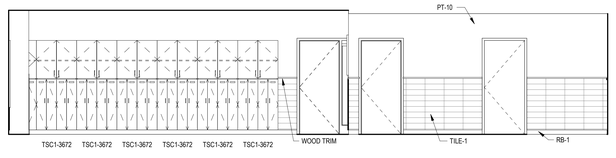
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1/4" = 1'-0"



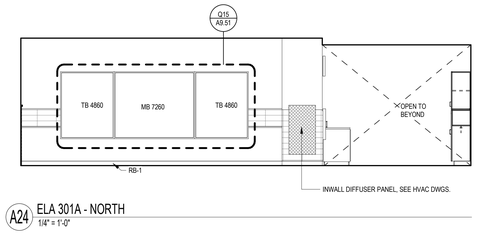
J7 STAGES 3RD-5TH - PLAN
1/4" = 1'-0"



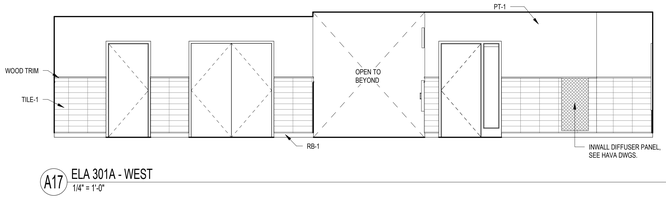
E24 ELA 301A - SOUTH
1/4" = 1'-0"



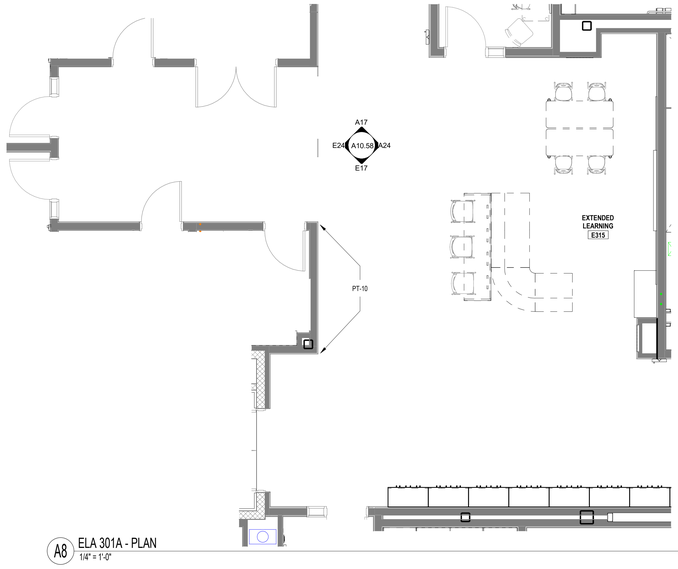
E17 ELA 301A - EAST
1/4" = 1'-0"



A24 ELA 301A - NORTH
1/4" = 1'-0"



A17 ELA 301A - WEST
1/4" = 1'-0"



A8 ELA 301A - PLAN
1/4" = 1'-0"

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
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P: (802) 863-1428

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320 SALEM STREET
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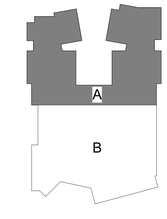
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

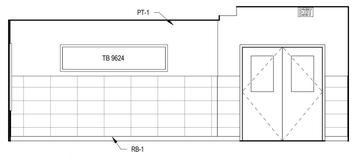
N
TRUE NORTH
PROJECT NORTH
0 4" 8" 16"
SCALE: 1/8"=1'-0" GRAPHIC SCALE

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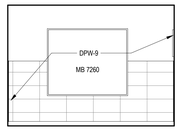
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:

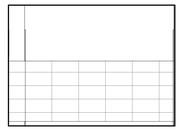
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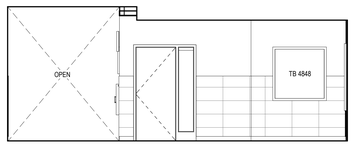
V27 ELA 205E - EAST
1/4" = 1'-0"



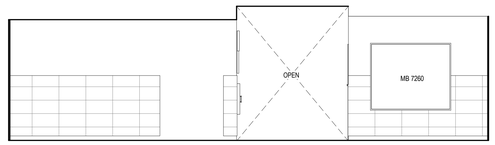
V22 ELA 205E - NORTH
1/4" = 1'-0"



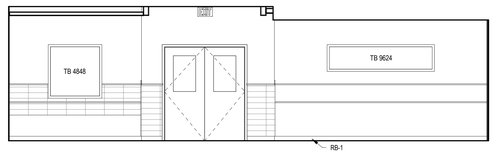
V19 ELA 205E - SOUTH
1/4" = 1'-0"



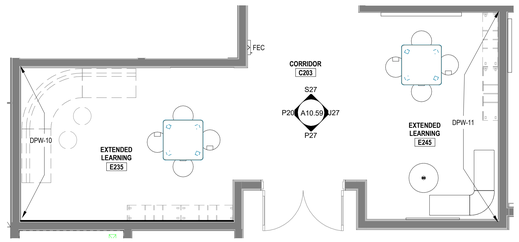
V16 ELA 205E - WEST
1/4" = 1'-0"



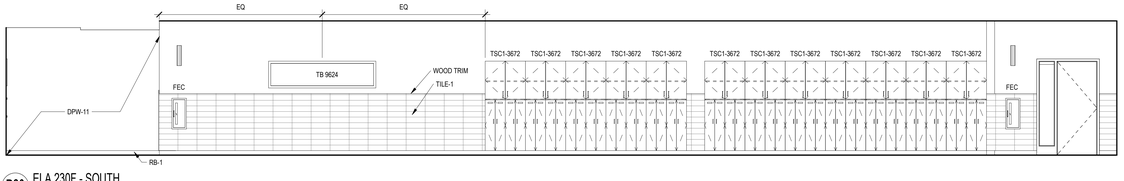
S27 ELA 230E & 230F - WEST
1/4" = 1'-0"



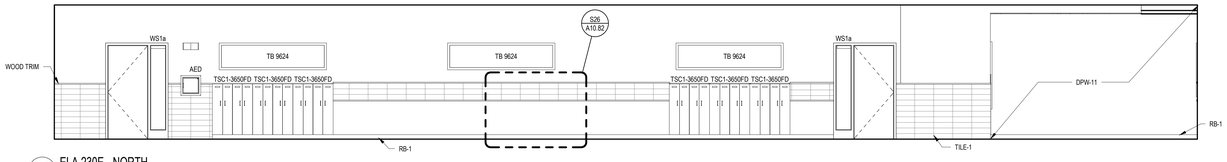
P27 ELA 230E & 230F - EAST
1/4" = 1'-0"



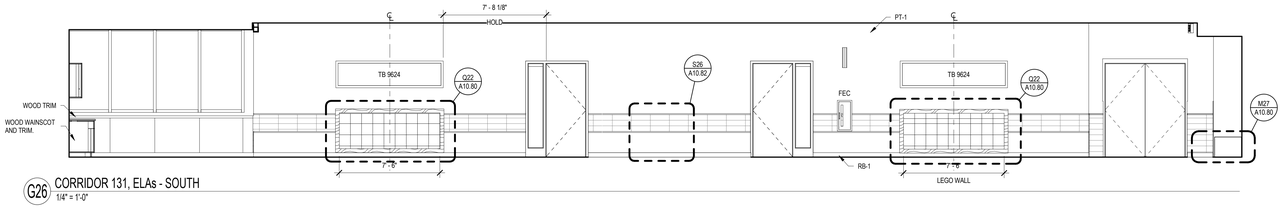
M16 ELA 230E & 230F - PLAN
1/4" = 1'-0"



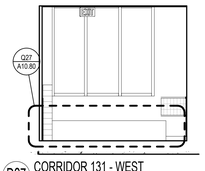
P20 ELA 230F - SOUTH
1/4" = 1'-0"



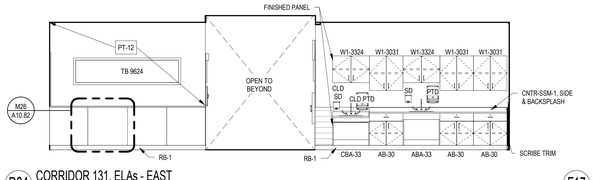
J27 ELA 230E - NORTH
1/4" = 1'-0"



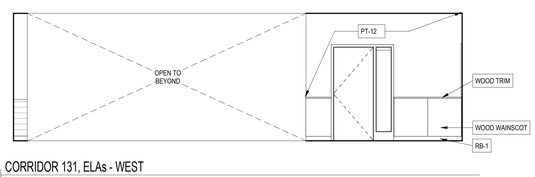
G26 CORRIDOR 131, ELAs - SOUTH
1/4" = 1'-0"



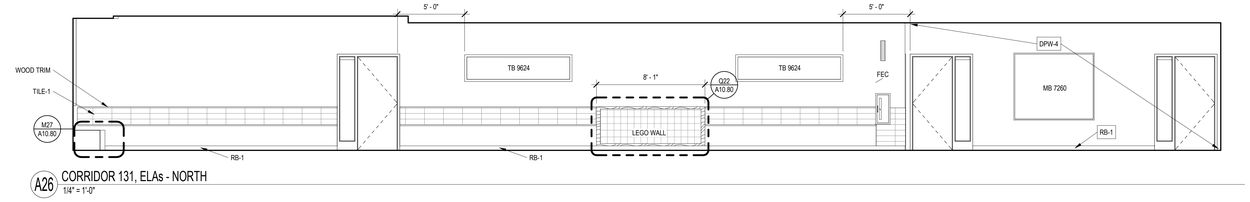
D27 CORRIDOR 131 - WEST
1/4" = 1'-0"



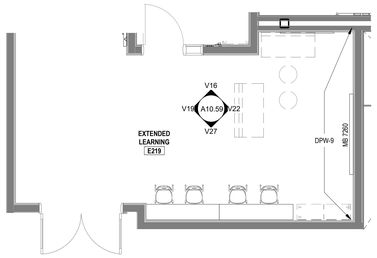
D24 CORRIDOR 131, ELAs - EAST
1/4" = 1'-0"



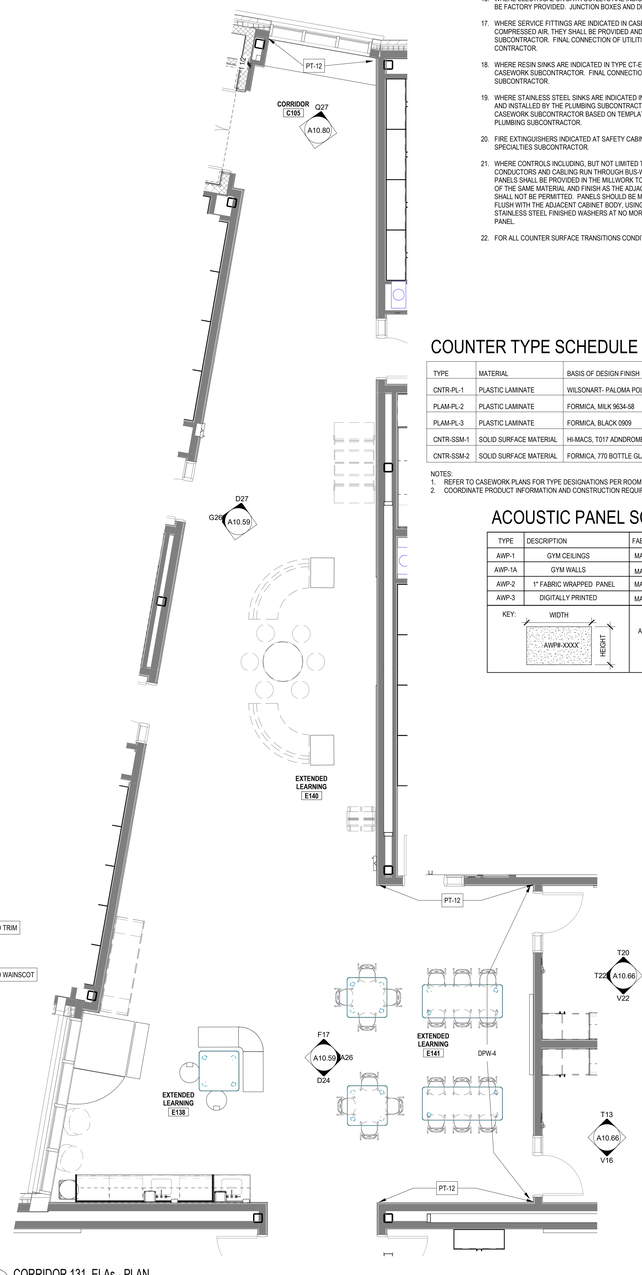
F17 CORRIDOR 131, ELAs - WEST
1/4" = 1'-0"



A26 CORRIDOR 131, ELAs - NORTH
1/4" = 1'-0"



T11 ELA 205E - PLAN
1/4" = 1'-0"



A11 CORRIDOR 131, ELAs - PLAN
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
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11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

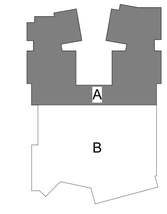
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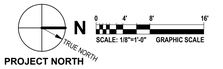
90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



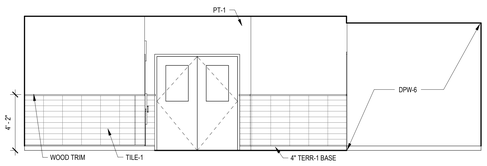
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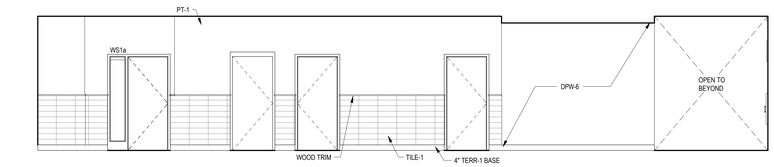
PROJECT NORTH

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

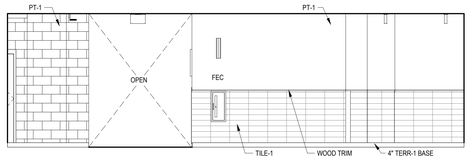
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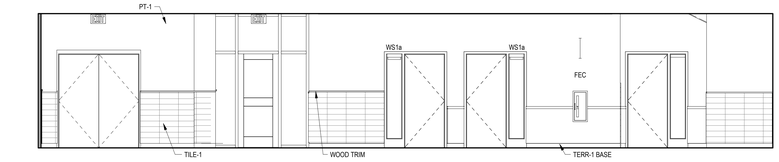
U27 PRE - K LOBBY - WEST
1/4" = 1'-0"



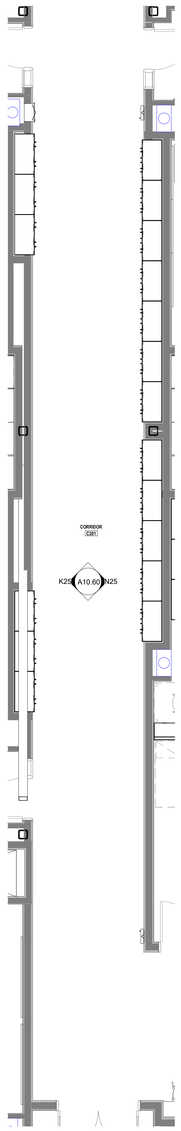
U21 PRE - K LOBBY - NORTH
1/4" = 1'-0"

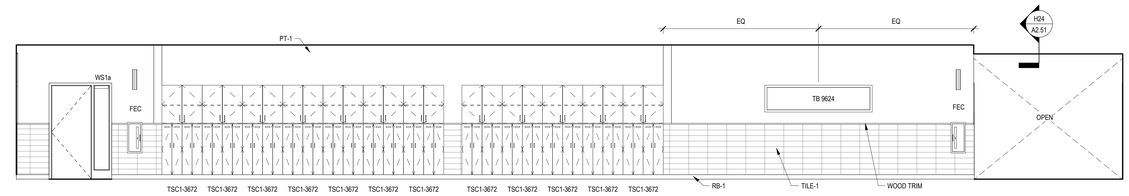


S27 PRE - K LOBBY - EAST
1/4" = 1'-0"



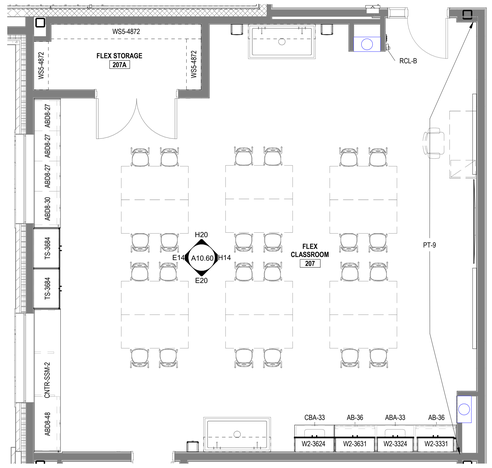
S21 PRE - K LOBBY - SOUTH
1/4" = 1'-0"



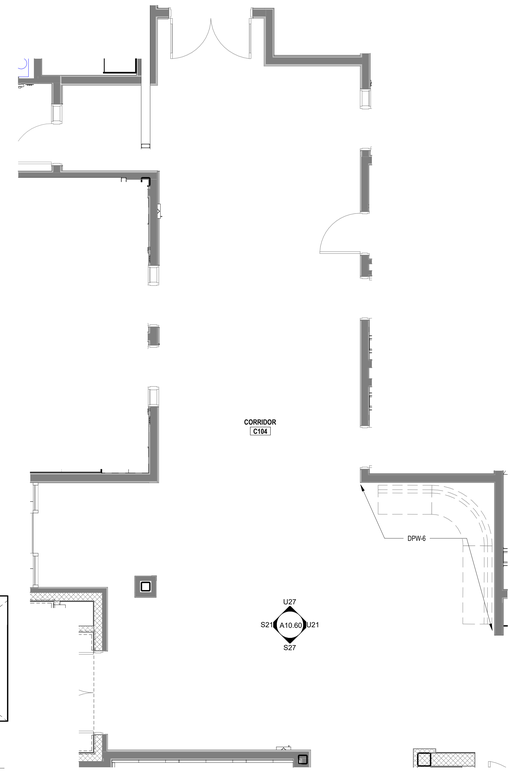


N25 CORRIDOR 205 - NORTH
1/4" = 1'-0"

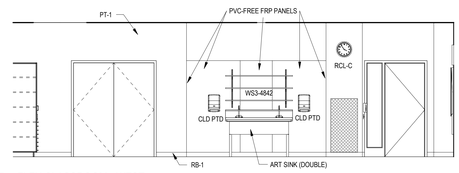
K25 CORRIDOR 205 - SOUTH
1/4" = 1'-0"



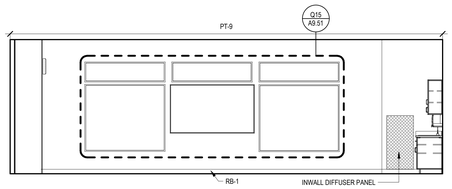
E7 FLEX CLASSROOM 257 - ENLARGED PLAN
1/4" = 1'-0"



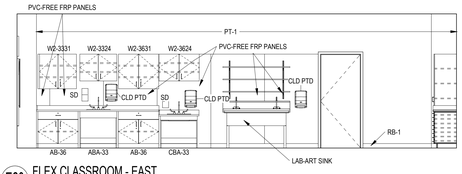
M11 CORRIDOR 102 - PLAN
1/4" = 1'-0"



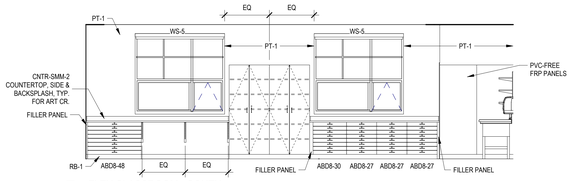
H20 FLEX CLASSROOM - WEST
1/4" = 1'-0"



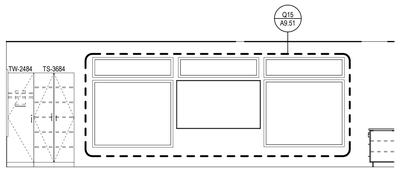
H14 FLEX CLASSROOM - NORTH
1/4" = 1'-0"



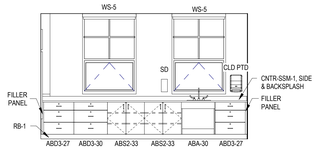
E20 FLEX CLASSROOM - EAST
1/4" = 1'-0"



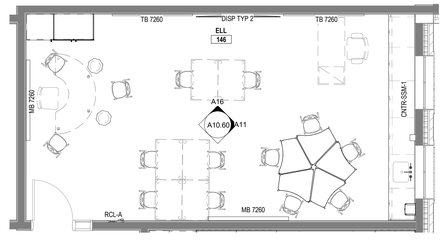
E14 FLEX CLASSROOM - SOUTH
1/4" = 1'-0"



A16 ELL 146 - WEST, TYPICAL
1/4" = 1'-0"



A11 ELL 146 - NORTH, TYPICAL
1/4" = 1'-0"



A7 ELL 146 - ENLARGED PLAN
1/4" = 1'-0"

A27 CORRIDOR 205 EAST - ENLARGED PLAN
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21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, AWP#-XXXX, HEIGHT

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

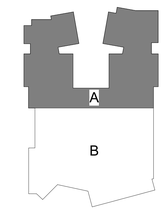
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



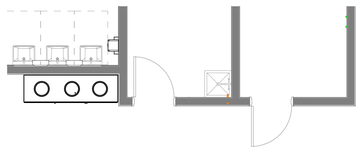
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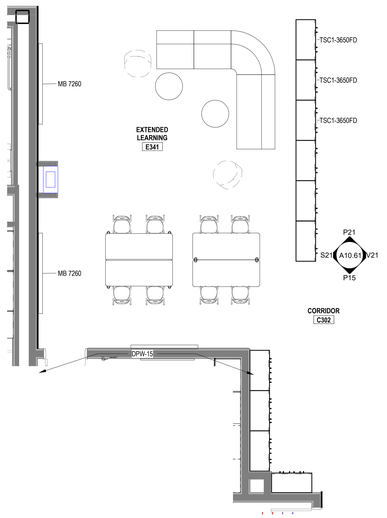


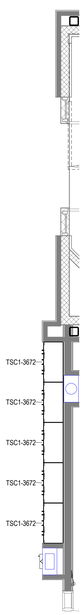
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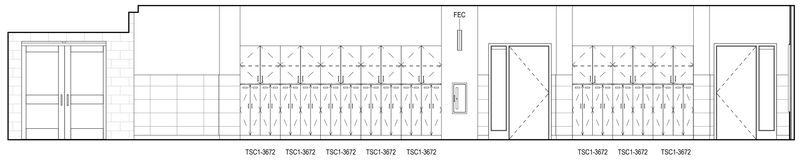
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CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.60

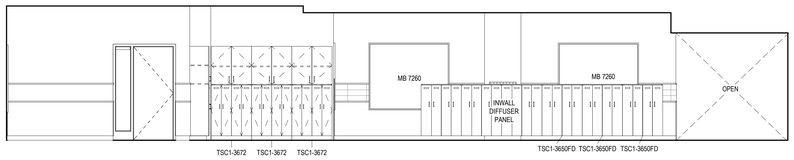




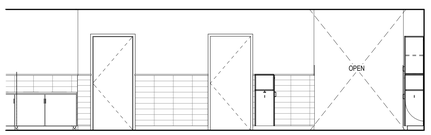




V21 ELA 350 - NORTH
1/4" = 1'-0"



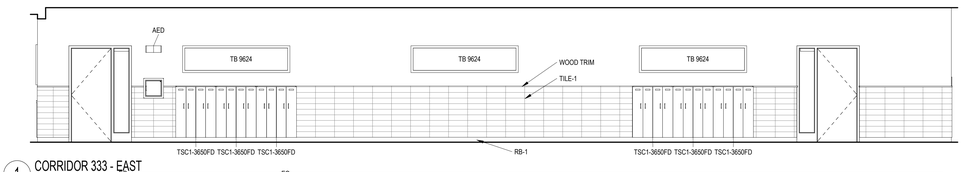
S21 ELA 350 - SOUTH
1/4" = 1'-0"



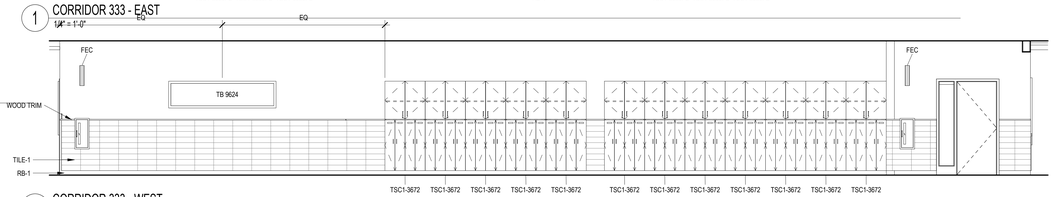


P21 ELA 350 - WEST
1/4" = 1'-0"

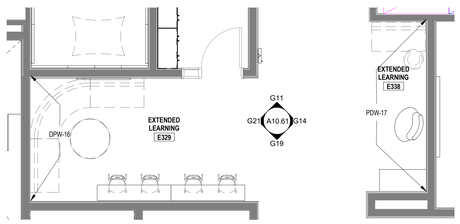
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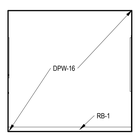
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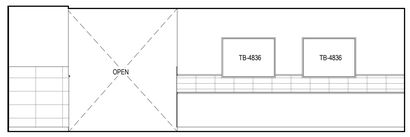
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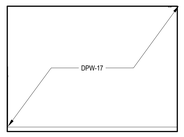
G27 ELA 333E, 333F - PLAN
1/4" = 1'-0"



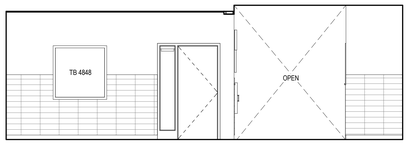
G21 ELA 333E - SOUTH
1/4" = 1'-0"



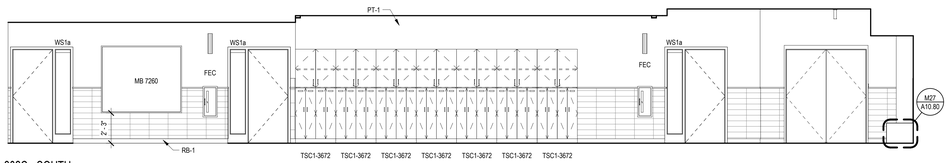
G19 ELA 333E, 333F - EAST
1/4" = 1'-0"



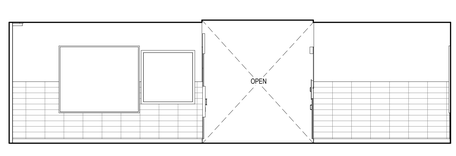
G14 ELA 333F - NORTH
1/4" = 1'-0"



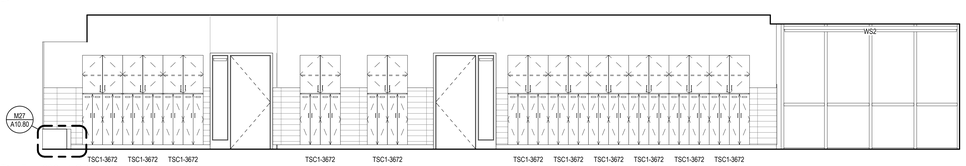
G11 ELA 333E, 333F - WEST
1/4" = 1'-0"



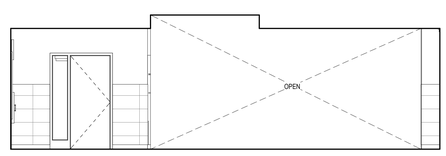
C27 ELA 302C - SOUTH
1/4" = 1'-0"



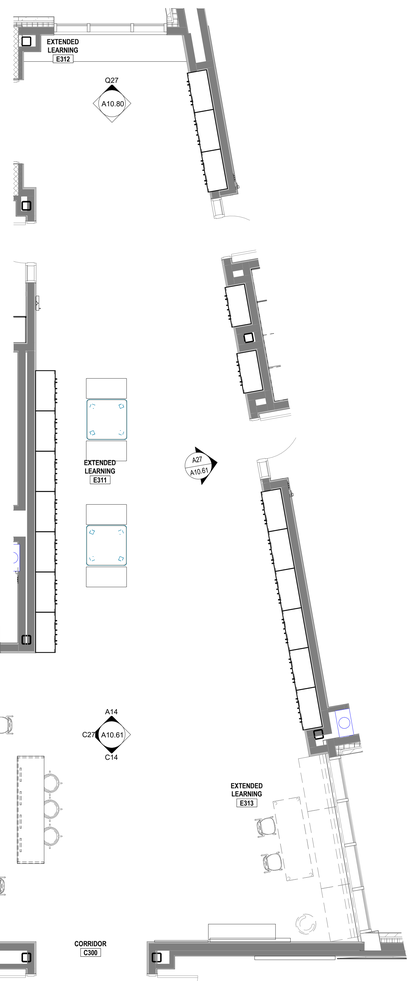
C14 ELA 302 - EAST
1/4" = 1'-0"



A27 ELA 302 - NORTH
1/4" = 1'-0"



A14 ELA 302 - WEST
1/4" = 1'-0"



A8 ELA 302A, 302B, 302C, 302D - PLAN
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW; WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ANDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM.
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE — PANEL THICKNESS

DORE + WHITTIER

MASSACHUSETTS
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320 SALEM STREET
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PROJECT NUMBER: 23-0847

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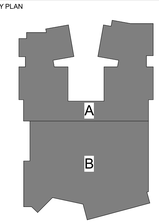
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

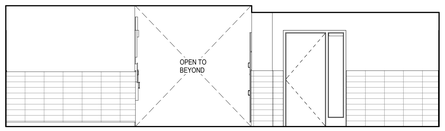


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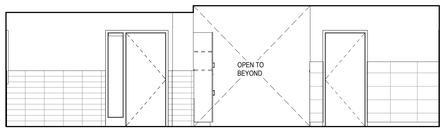
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SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.61



T27 CORRIDOR 301 & ELA 301B - NORTH
1/4" = 1'-0"



T20 CORRIDOR 301 & ELA 301B - SOUTH
1/4" = 1'-0"

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / HEIGHT — AWP#-XXXX

KEY: AWP#-XXXX — SIZE; PANEL THICKNESS

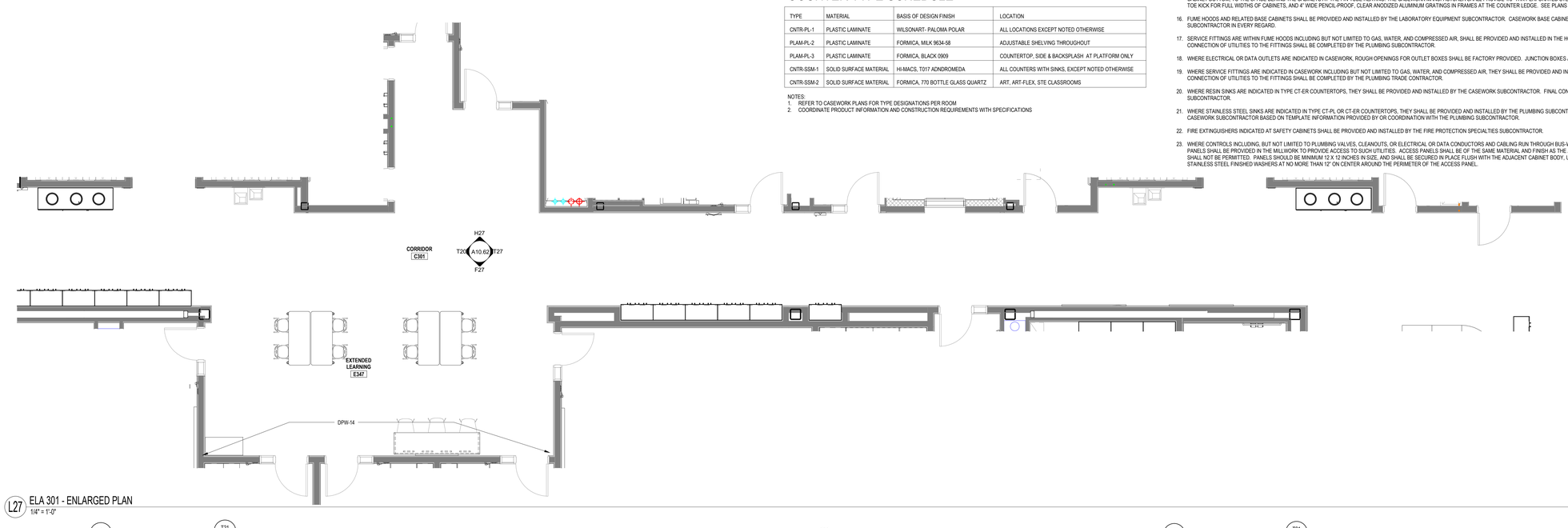
COUNTER TYPE SCHEDULE

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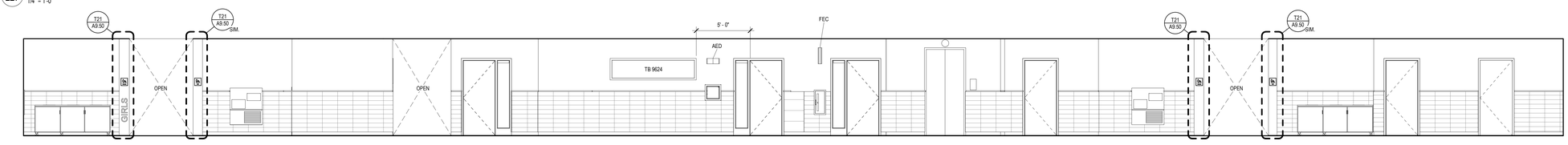
NOTES:
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CASEWORK GENERAL NOTES

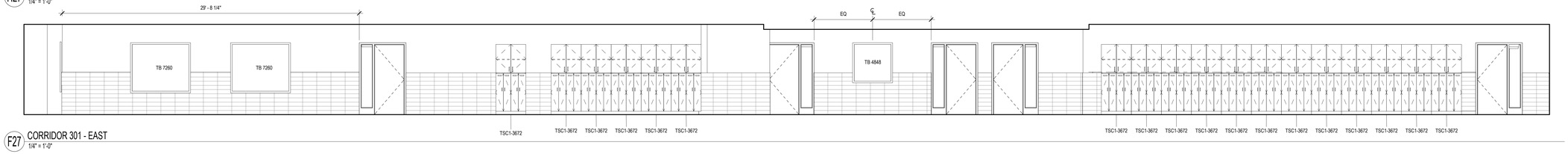
1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF OUT OF LEVEL FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE "CT-ER" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.



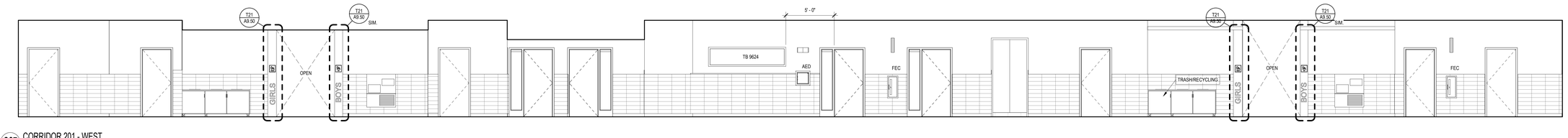
L27 ELA 301 - ENLARGED PLAN
1/4" = 1'-0"



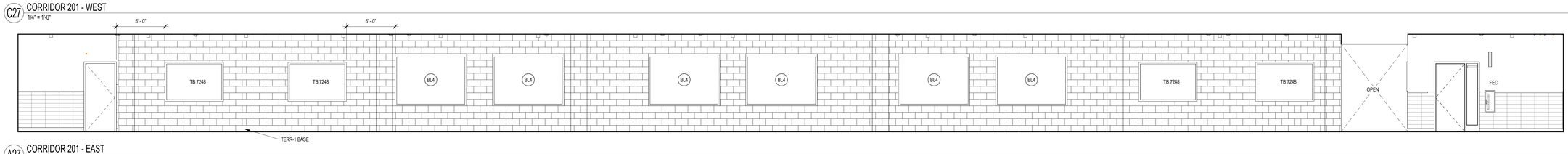
H27 CORRIDOR 301 - WEST
1/4" = 1'-0"



F27 CORRIDOR 301 - EAST
1/4" = 1'-0"



C27 CORRIDOR 201 - WEST
1/4" = 1'-0"



A27 CORRIDOR 201 - EAST
1/4" = 1'-0"

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

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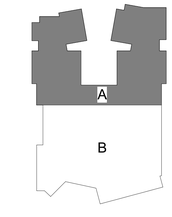
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:

CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:

A10.62

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE; PANEL THICKNESS

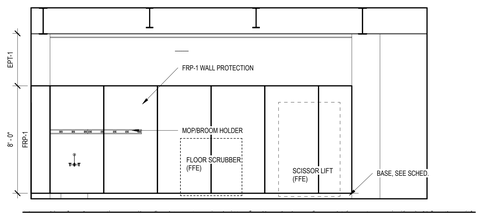
COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

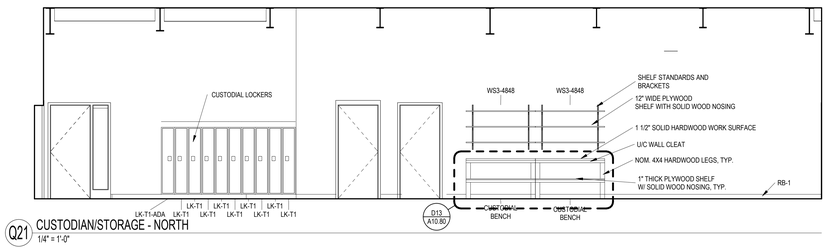
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

CASEWORK GENERAL NOTES

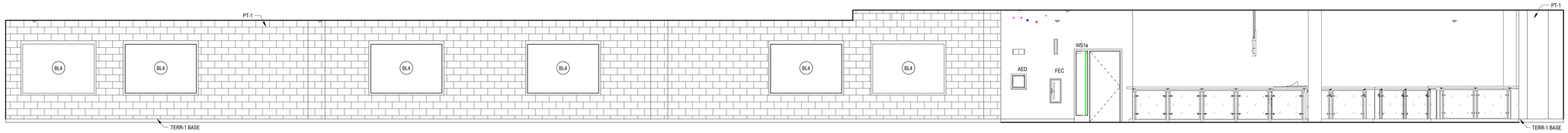
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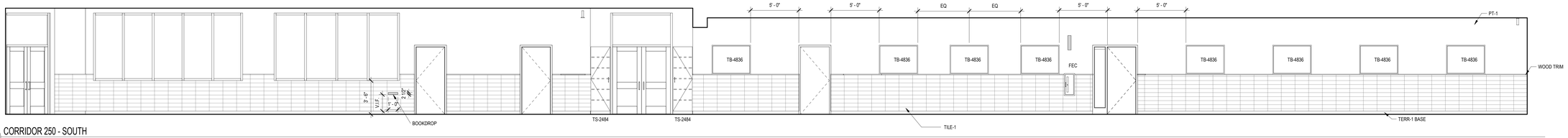
Q27 CUSTODIAN/STORAGE - SOUTH
1/4" = 1'-0"



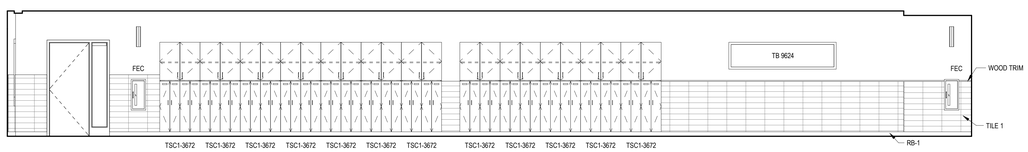
Q21 CUSTODIAN/STORAGE - NORTH
1/4" = 1'-0"



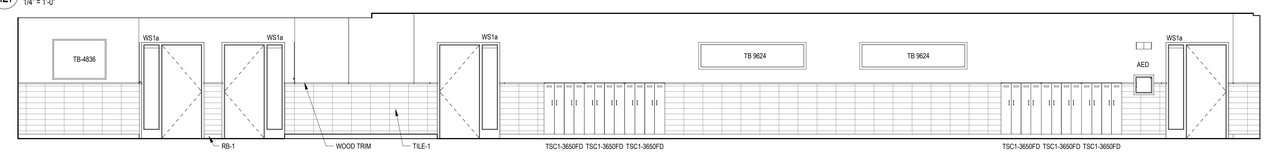
N27 CORRIDOR 250 - NORTH
1/4" = 1'-0"



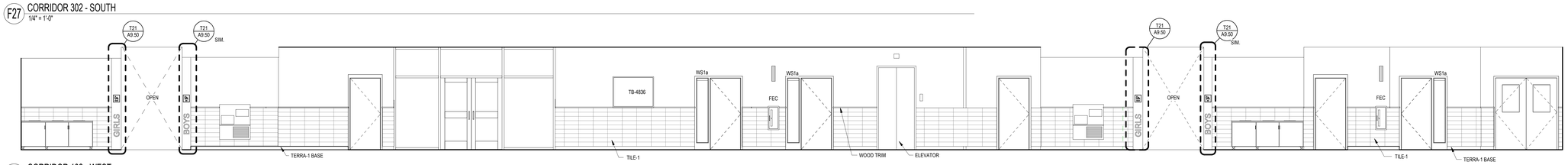
K27 CORRIDOR 250 - SOUTH
1/4" = 1'-0"



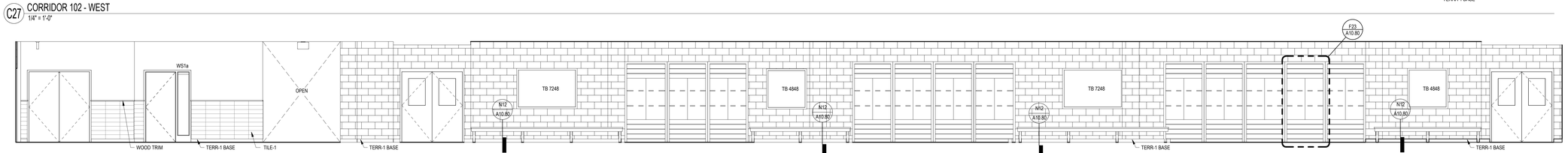
H27 CORRIDOR 302 - NORTH
1/4" = 1'-0"



F27 CORRIDOR 302 - SOUTH
1/4" = 1'-0"



C27 CORRIDOR 102 - WEST
1/4" = 1'-0"



A27 CORRIDOR 102- EAST
1/4" = 1'-0"

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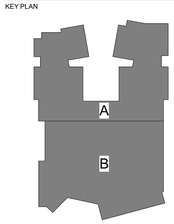
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

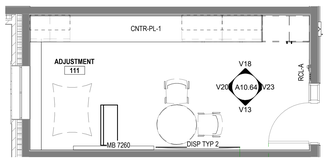


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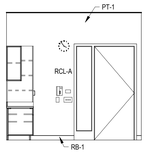
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SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.63



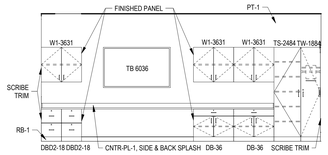
V27 ENLARGED PLAN - ADJUSTMENT
1/4" = 1'-0"



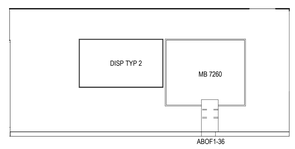
V23 ADJUSTMENT - NORTH
1/4" = 1'-0"



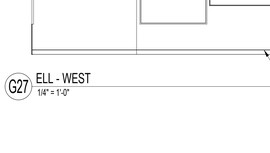
V20 ADJUSTMENT - SOUTH
1/4" = 1'-0"



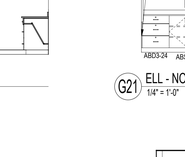
V18 ADJUSTMENT - WEST
1/4" = 1'-0"



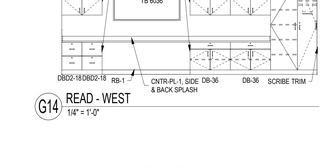
V13 ADJUSTMENT - EAST
1/4" = 1'-0"



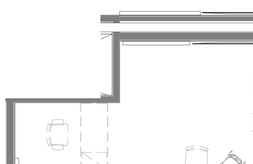
S27 SPEECH & LANGUAGE TYPICAL - WEST
1/4" = 1'-0"



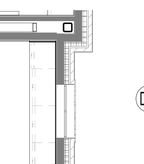
S23 SPEECH & LANGUAGE TYPICAL - NORTH
1/4" = 1'-0"



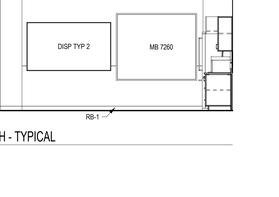
S14 INT-RECEPTION DESK
1/4" = 1'-0"



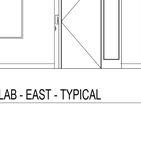
Q27 SPEECH & LANGUAGE TYPICAL - EAST
1/4" = 1'-0"



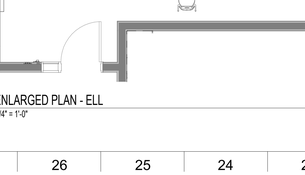
Q23 SPEECH & LANGUAGE TYPICAL - SOUTH
1/4" = 1'-0"



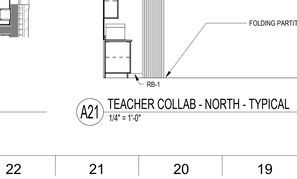
Q19 ENLARGED PLAN - SPEECH & LANGUAGE TYPICAL
1/4" = 1'-0"



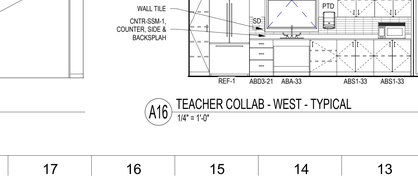
Q14 GENERAL OFFICE WAITING -
1/4" = 1'-0"



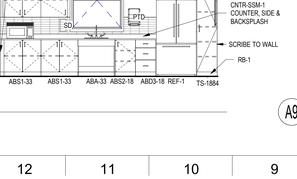
M16 GENERAL WAITING - SOUTH
1/4" = 1'-0"



M12 PLAN - READ TYPICAL
1/4" = 1'-0"



M9 STAFF LUNCH - NORTH
1/4" = 1'-0"



M5 LEARNING CENTER TYPICAL
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / HEIGHT — AWP#-XXXX

KEY: AWP#-XXXX — SIZE; PANEL THICKNESS

J27 ELL - SOUTH
1/4" = 1'-0"

J23 ELL - EAST
1/4" = 1'-0"

J18 READ - EAST
1/4" = 1'-0"

J14 READ - NORTH
1/4" = 1'-0"

J12 READ - SOUTH
1/4" = 1'-0"

J8 LEARNING CENTER - WEST
1/4" = 1'-0"

J3 LEARNING CENTER - SOUTH
1/4" = 1'-0"

G27 ELL - WEST
1/4" = 1'-0"

G21 ELL - NORTH
1/4" = 1'-0"

G18 TEACHER WELLNESS - EAST
1/4" = 1'-0"

G14 READ - WEST
1/4" = 1'-0"

G8 LEARNING CENTER - EAST
1/4" = 1'-0"

G3 LEARNING CENTER - NORTH
1/4" = 1'-0"

A27 ENLARGED PLAN - ELL
1/4" = 1'-0"

A21 TEACHER COLLAB - NORTH - TYPICAL
1/4" = 1'-0"

D21 TEACHER COLLAB - SOUTH - TYPICAL
1/4" = 1'-0"

D16 TEACHER COLLAB - EAST - TYPICAL
1/4" = 1'-0"

A16 TEACHER COLLAB - WEST - TYPICAL
1/4" = 1'-0"

A9 PLAN - TEACHER COLLABORATION ROOM - #125, #224, 327 SIM.
1/4" = 1'-0"

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

ORIENTATION AND SCALE:

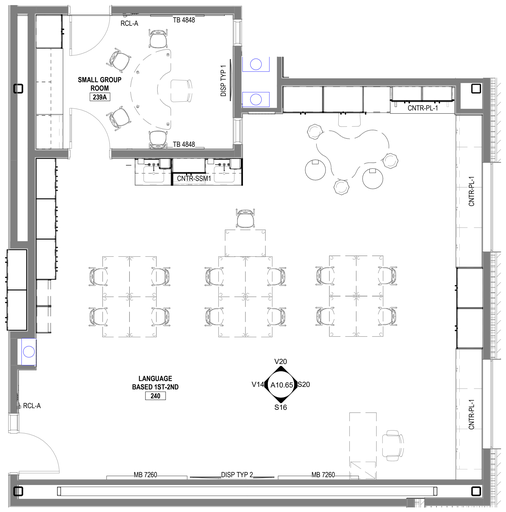
N TRUE NORTH
0 4' 8' 16'
SCALE: 1/8"=1'-0" GRAPHIC SCALE

PROJECT NORTH

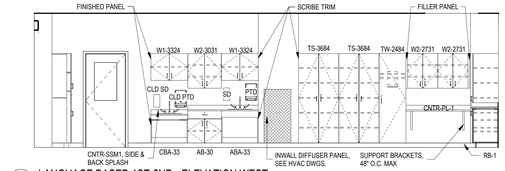
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CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.64

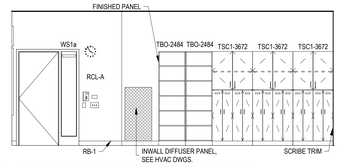
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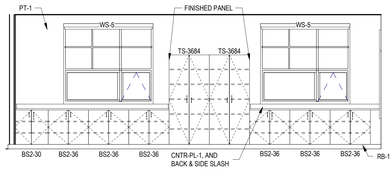
R27 ENLARGED PLAN - LANGUAGE BASED 1ST-2ND
1/4" = 1'-0"



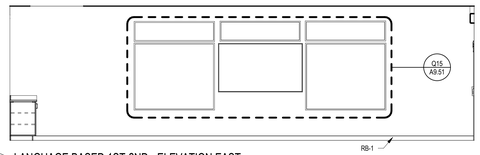
V20 LANGUAGE BASED 1ST-2ND - ELEVATION WEST
1/4" = 1'-0"



V14 LANGUAGE BASED 1ST-2ND - ELEVATION SOUTH
1/4" = 1'-0"



S20 LANGUAGE BASED 1ST-2ND - ELEVATION NORTH
1/4" = 1'-0"



S16 LANGUAGE BASED 1ST-2ND - ELEVATION EAST
1/4" = 1'-0"

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17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
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COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

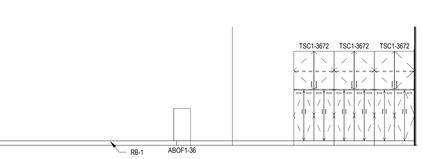
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

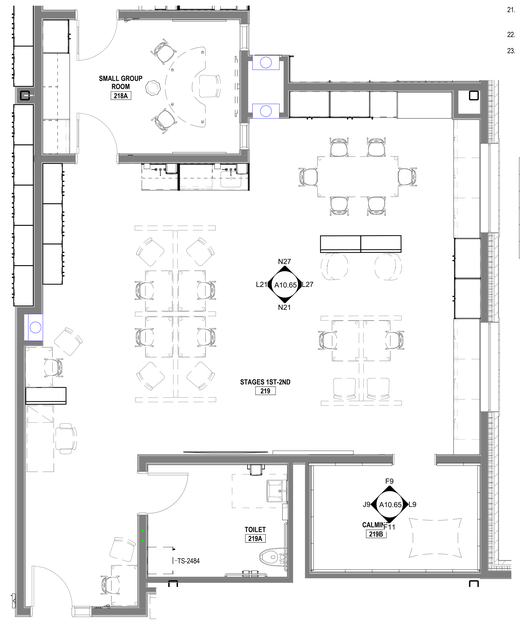
KEY: WIDTH / HEIGHT — AWP#-XXXX

KEY: AWP#-XXXX — SIZE PANEL THICKNESS

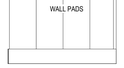


L27 STAGES 1ST-2ND GR - NORTH
1/4" = 1'-0"

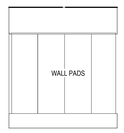
L21 STAGES 1ST-2ND GR - SOUTH
1/4" = 1'-0"



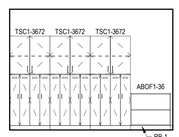
J15 ENLARGED PLAN - STAGES 1ST-2ND GR
1/4" = 1'-0"



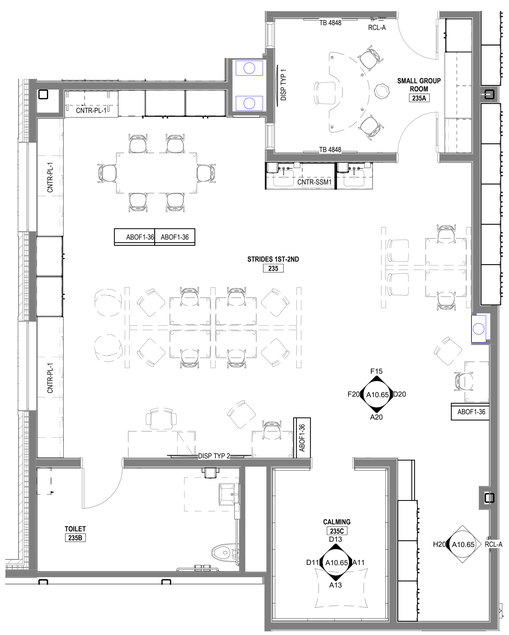
L9 CALMING 218A - ELEVATION NORTH
1/4" = 1'-0"



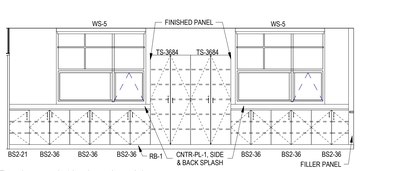
J9 CALMING 218A - ELEVATION SOUTH
1/4" = 1'-0"



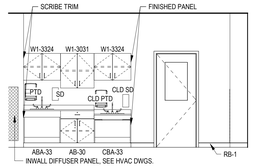
H20 STRIDES 1ST-2ND - CUBBIES
1/4" = 1'-0"



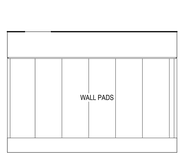
A27 ENLARGED PLAN - STRIDES 1ST - 2ND GR
1/4" = 1'-0"



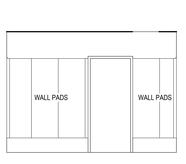
F20 STRIDES 1ST-2ND GR - SOUTH
1/4" = 1'-0"



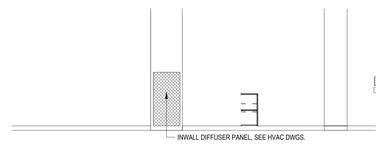
F15 STRIDES 1ST - 2ND GR - ELEVATION WEST
1/4" = 1'-0"



F11 CALMING 218A - ELEVATION EAST
1/4" = 1'-0"



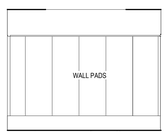
F9 CALMING 218A - ELEVATION WEST
1/4" = 1'-0"



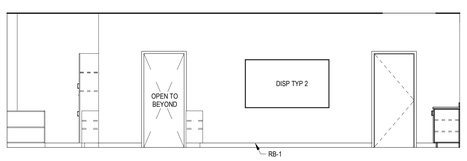
D20 STRIDES 1ST - 2ND GR - ELEVATION NORTH
1/4" = 1'-0"



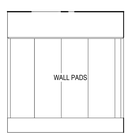
D13 CALMING 231A - WEST
1/4" = 1'-0"



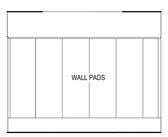
D11 CALMING 231A - SOUTH
1/4" = 1'-0"



A20 STRIDES 1ST - 2ND GR - ELEVATION EAST
1/4" = 1'-0"



A13 CALMING 231A - EAST
1/4" = 1'-0"



A11 CALMING 231A - NORTH
1/4" = 1'-0"

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

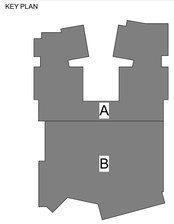
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

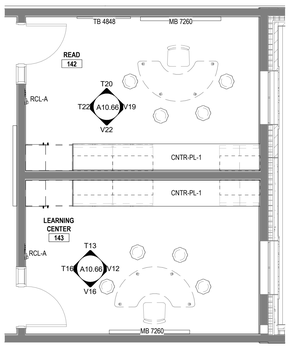


PROJECT NORTH

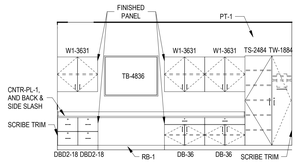
SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.65

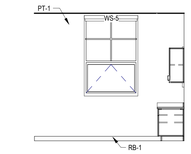
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9/25/2026 11:40:54 AM



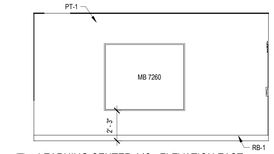
T27 ENLARGED PLAN - READ 141 & LEARNING CENTER 142
1/4" = 1'-0"



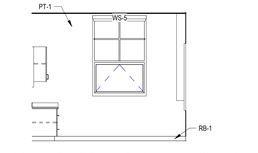
V22 READ 141 - ELEVATION EAST
1/4" = 1'-0"



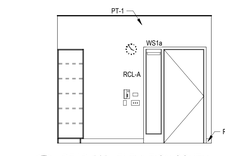
V19 READ 141 - ELEVATION NORTH
1/4" = 1'-0"



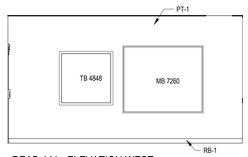
V16 LEARNING CENTER 142 - ELEVATION EAST
1/4" = 1'-0"



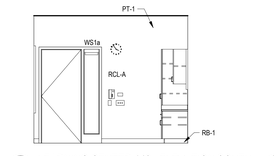
V12 LEARNING CENTER 142 - ELEVATION NORTH
1/4" = 1'-0"



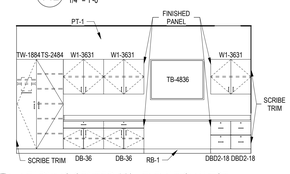
T22 READ 141 - ELEVATION SOUTH
1/4" = 1'-0"



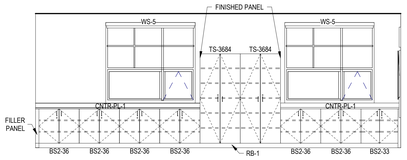
T20 READ 141 - ELEVATION WEST
1/4" = 1'-0"



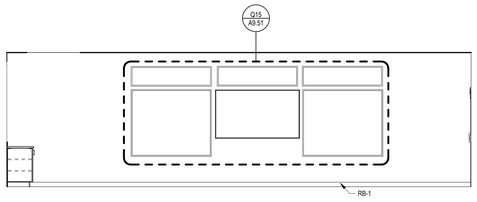
T16 LEARNING CENTER 142 - ELEVATION SOUTH
1/4" = 1'-0"



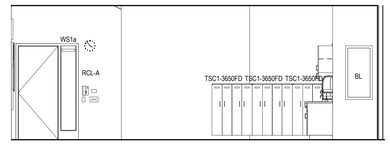
T13 LEARNING CENTER 142 - ELEVATION WEST
1/4" = 1'-0"



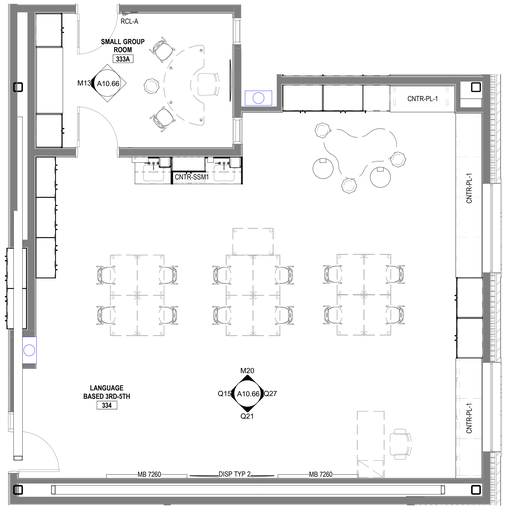
Q27 LANGUAGE BASED 3RD-5TH CLASSROOM - ELEVATION NORTH
1/4" = 1'-0"



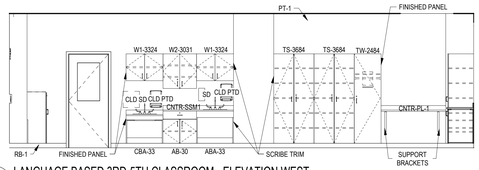
Q21 LANGUAGE BASED 3RD-5TH CLASSROOM - ELEVATION EAST
1/4" = 1'-0"



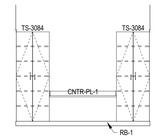
Q15 LANGUAGE BASED 3RD-5TH CLASSROOM - ELEVATION SOUTH
1/4" = 1'-0"



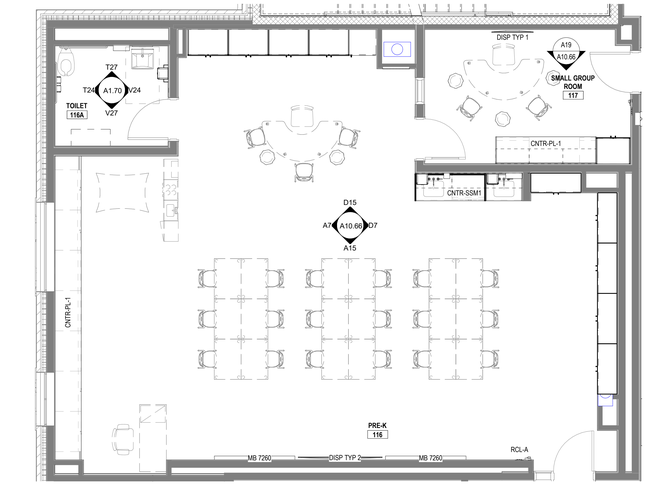
H27 LANGUAGE BASED 3RD-5TH CLASSROOM - ENLARGED PLAN
1/4" = 1'-0"



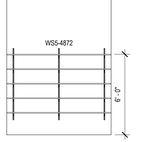
M20 LANGUAGE BASED 3RD-5TH CLASSROOM - ELEVATION WEST
1/4" = 1'-0"



M13 SMALL GROUP ROOM 341 - SOUTH
1/4" = 1'-0"



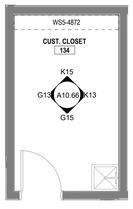
G10 ENLARGED PLAN - PRE K CLASSROOM 110
1/4" = 1'-0"



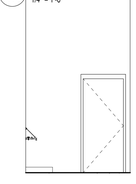
K15 CUST. CLOSET 129 - WEST
1/4" = 1'-0"



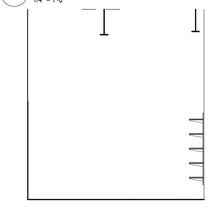
K13 CUST. CLOSET 129 - NORTH
1/4" = 1'-0"



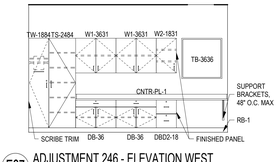
H20 CUST. CLOSET TYPICAL - ENLARGED PLAN
1/4" = 1'-0"



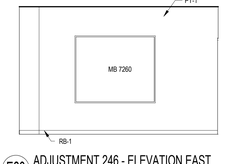
G15 CUST. CLOSET 129 - EAST
1/4" = 1'-0"



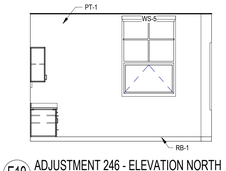
G13 CUST. CLOSET 129 - SOUTH
1/4" = 1'-0"



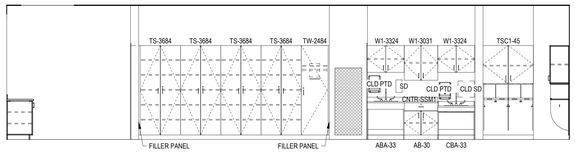
E27 ADJUSTMENT 246 - ELEVATION WEST
1/4" = 1'-0"



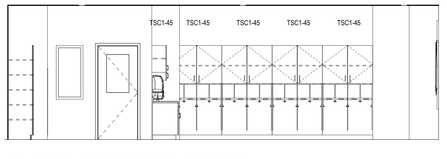
E23 ADJUSTMENT 246 - ELEVATION EAST
1/4" = 1'-0"



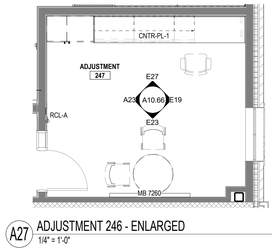
E19 ADJUSTMENT 246 - ELEVATION NORTH
1/4" = 1'-0"



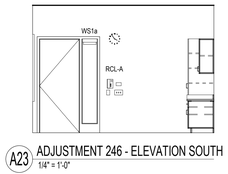
D15 PRE K CLASSROOM 110 - ELEVATION WEST
1/4" = 1'-0"



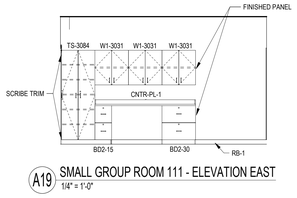
D7 PRE K CLASSROOM 110 - ELEVATION NORTH
1/4" = 1'-0"



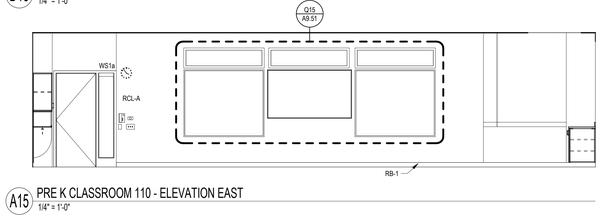
A27 ADJUSTMENT 246 - ENLARGED
1/4" = 1'-0"



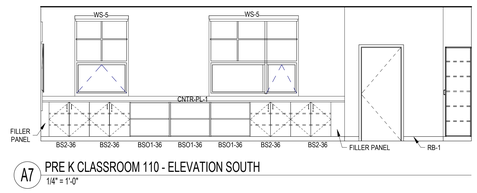
A23 ADJUSTMENT 246 - ELEVATION SOUTH
1/4" = 1'-0"



A19 SMALL GROUP ROOM 111 - ELEVATION EAST
1/4" = 1'-0"



A15 PRE K CLASSROOM 110 - ELEVATION EAST
1/4" = 1'-0"



A7 PRE K CLASSROOM 110 - ELEVATION SOUTH
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

KEY: AWP#-XXXX — SIZE — PANEL THICKNESS

DORE + WHITTIER
MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999
VERMONT
212 BATTERY STREET
BURLINGTON, VT 05401
P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

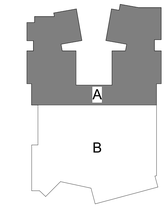
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

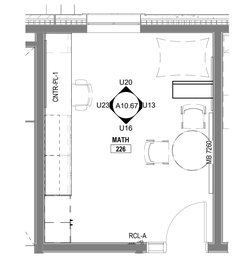


PROJECT NORTH

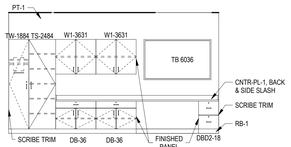
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CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.66

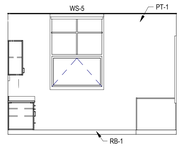
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9/25/2026 11:41:05 AM



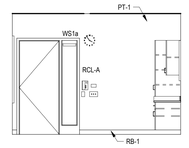
U27 MATH 222 - ENLARGED PLAN
1/4" = 1'-0"



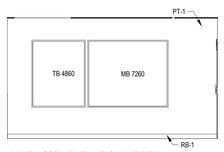
U23 MATH 222 - ELEVATION SOUTH
1/4" = 1'-0"



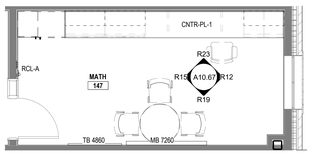
U20 MATH 222 - ELEVATION WEST
1/4" = 1'-0"



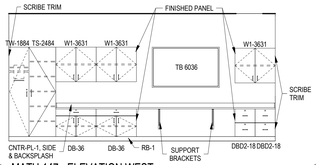
U16 MATH 222 - ELEVATION EAST
1/4" = 1'-0"



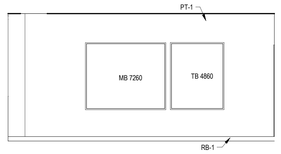
U13 MATH 222 - ELEVATION NORTH
1/4" = 1'-0"



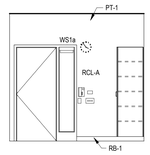
R27 MATH 147 - ENLARGED PLAN
1/4" = 1'-0"



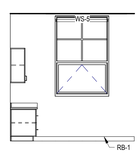
R23 MATH 147 - ELEVATION WEST
1/4" = 1'-0"



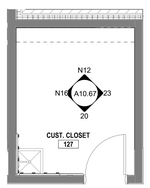
R19 MATH 147 - ELEVATION EAST
1/4" = 1'-0"



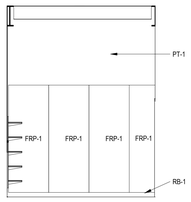
R15 MATH 147 - ELEVATION SOUTH
1/4" = 1'-0"



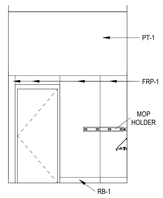
R12 MATH 147 - ELEVATION NORTH
1/4" = 1'-0"



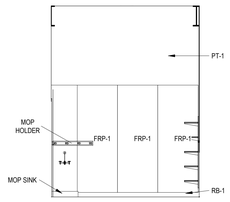
27 ENLARGED PLAN - CUSTODIAL CLOSET
1/4" = 1'-0"



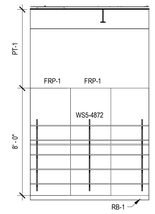
23 INTERIOR ELEVATION - CUST. CLOSET - NORTH
1/4" = 1'-0"



20 INTERIOR ELEVATION - CUST. CLOSET - EAST
1/4" = 1'-0"



N16 INTERIOR ELEVATION - CUST. CLOSET - SOUTH
1/4" = 1'-0"



N12 INTERIOR ELEVATION - CUST. CLOSET - WEST
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT SCIENCE LABORATORY CLASSROOMS, INCLUDING BUT NOT LIMITED TO BIOLOGY, CHEMISTRY, ENVIRONMENTAL SCIENCE, AND PHYSICS LABORATORIES, RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. FUME HOODS AND RELATED BASE CABINETS SHALL BE PROVIDED AND INSTALLED BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. CASEWORK BASE CABINETS SHALL MATCH THE PRODUCTS PROVIDED BY THE CASEWORK SUBCONTRACTOR IN EVERY REGARD.
17. SERVICE FITTINGS ARE WITHIN FUME HOODS INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, SHALL BE PROVIDED AND INSTALLED IN THE HOOD EQUIPMENT BY THE LABORATORY EQUIPMENT SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
18. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
19. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
20. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
21. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
22. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
23. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

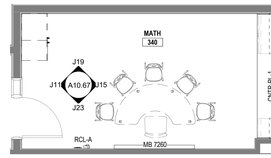
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

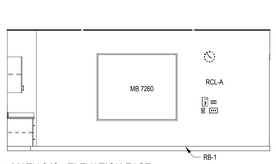
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, AWP#-XXXX, HEIGHT

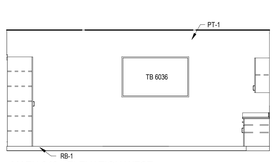
KEY: AWP#-XXXX — SIZE, PANEL THICKNESS



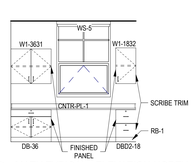
J27 MATH 349 - ENLARGED PLAN
1/4" = 1'-0"



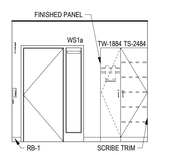
J23 MATH 349 - ELEVATION EAST
1/4" = 1'-0"



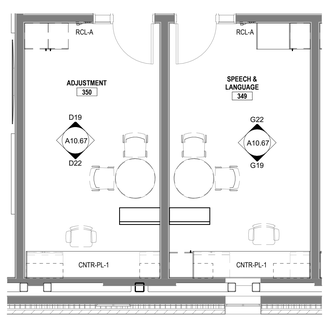
J19 MATH 349 - ELEVATION WEST
1/4" = 1'-0"



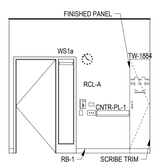
J15 MATH TYPICAL - ELEVATION NORTH
1/4" = 1'-0"



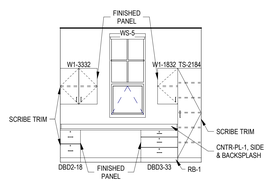
J11 MATH TYPICAL - ELEVATION SOUTH
1/4" = 1'-0"



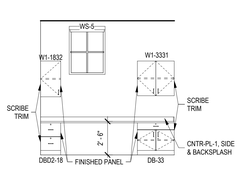
D27 ENLARGED PLAN - ADJUSTMENT 350 & SPEECH AND LANG. 349
1/4" = 1'-0"



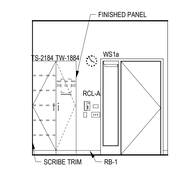
G22 SPEECH & LANG 349 - WEST
1/4" = 1'-0"



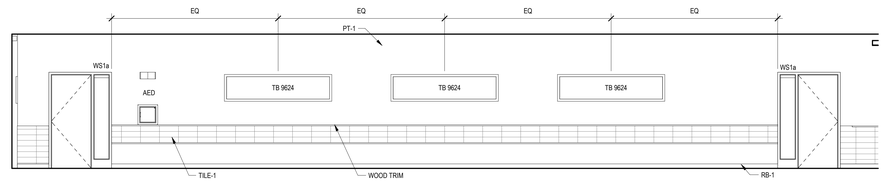
G19 SPEECH & LANG 349 - EAST
1/4" = 1'-0"



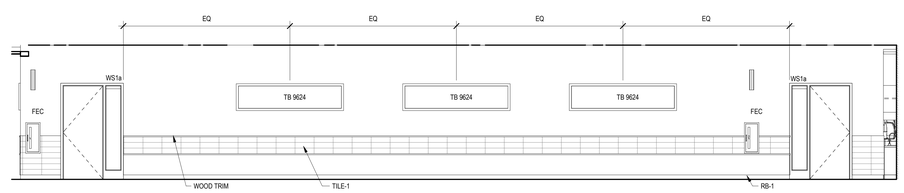
D22 ADJUSTMENT 350 - EAST
1/4" = 1'-0"



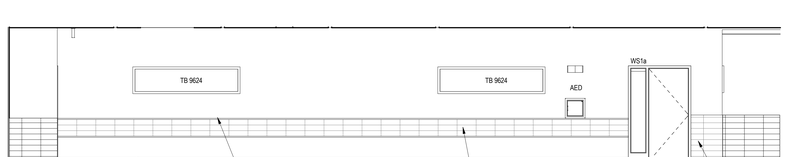
D19 ADJUSTMENT 350 - WEST
1/4" = 1'-0"



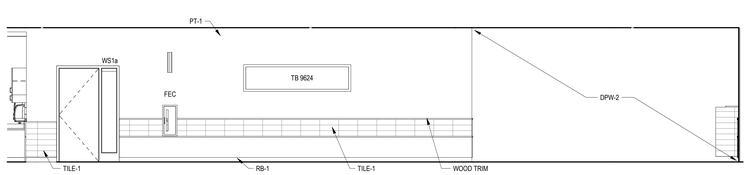
G12 CORRIDOR C105 - NORTH
1/4" = 1'-0"



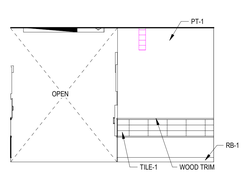
D12 CORRIDOR C105 -SOUTH
1/4" = 1'-0"



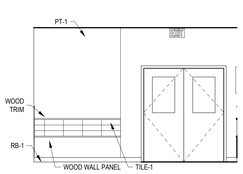
A27 CORRIDOR C103 - SOUTH
1/4" = 1'-0"



A17 CORRIDOR C103 - NORTH
1/4" = 1'-0"



A7 CORRIDOR C103 - WEST
1/4" = 1'-0"



A4 CORRIDOR C103 - EAST
1/4" = 1'-0"

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WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

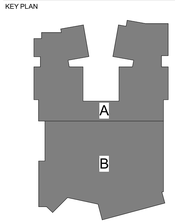
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN



ORIENTATION AND SCALE:



PROJECT NORTH

SHEET TITLE:
CASEWORK PLANS AND ELEVATIONS

SHEET NUMBER:
A10.67

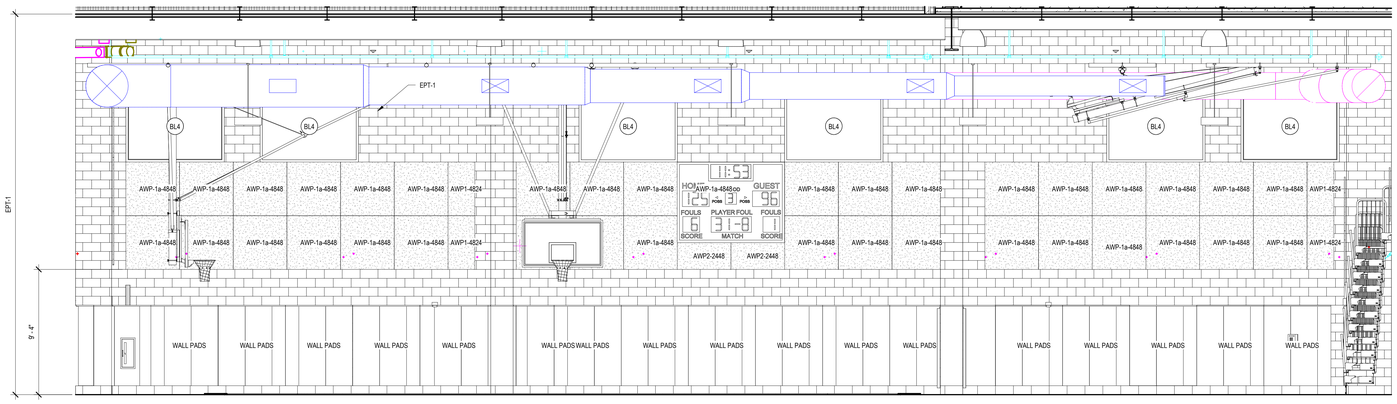
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ACOUSTIC PANEL SCHEDULE

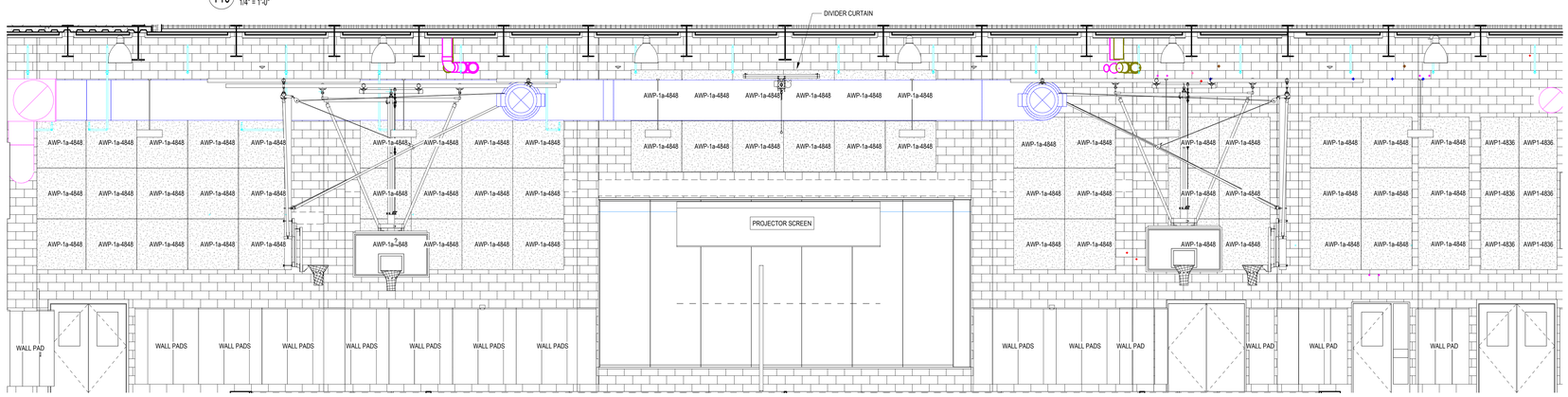
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / HEIGHT — AWP#-XXXX

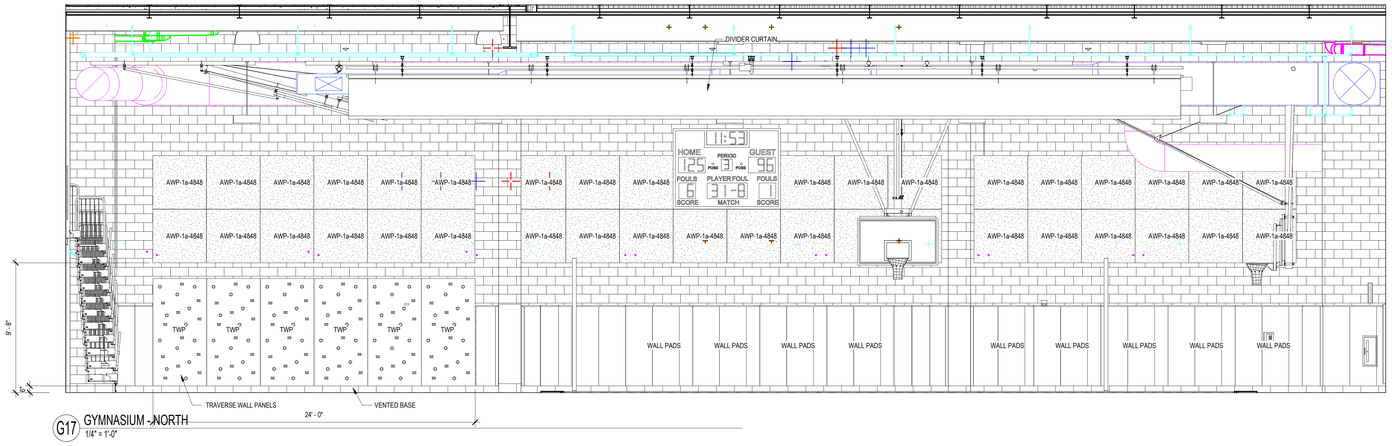
KEY: AWP#-XXXX — SIZE; PANEL THICKNESS



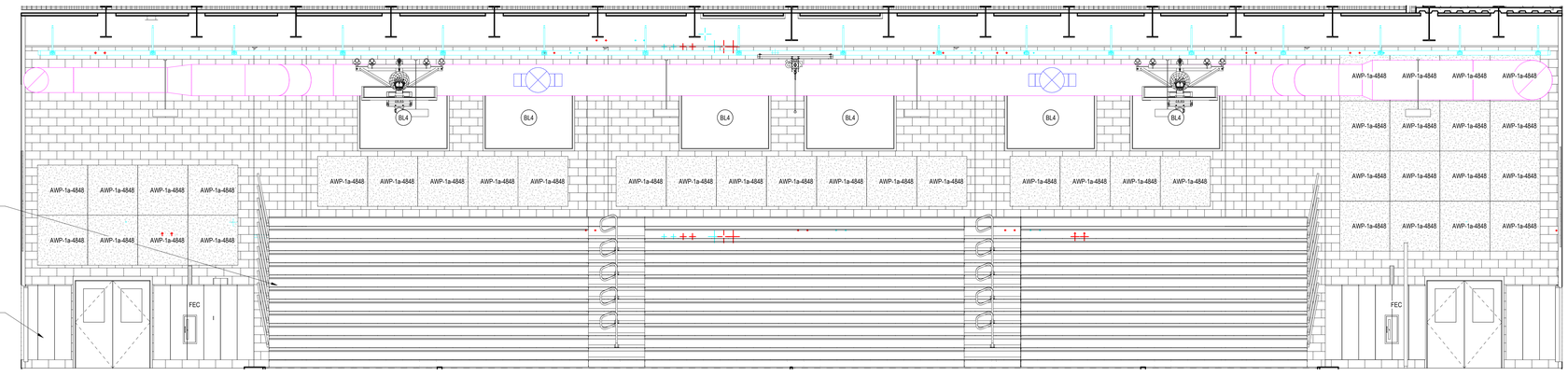
T19 GYMNASIUM - SOUTH
1/4" = 1'-0"



M21 GYMNASIUM - EAST
1/4" = 1'-0"



G17 GYMNASIUM - NORTH
1/4" = 1'-0"



A21 GYMNASIUM - WEST
1/4" = 1'-0"

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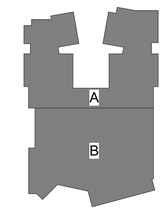
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KEY PLAN

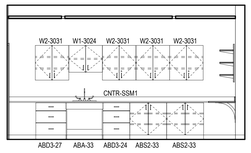


ORIENTATION AND SCALE:

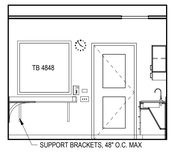
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SHEET TITLE:
INTERIOR ELEVATIONS

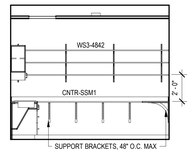
SHEET NUMBER:
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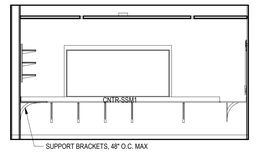
V18 LIBRARIAN WORKROOM 252A - WEST
1/4" = 1'-0"



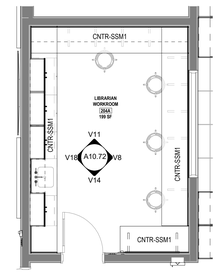
V14 LIBRARIAN WORKROOM 252A - SOUTH
1/4" = 1'-0"



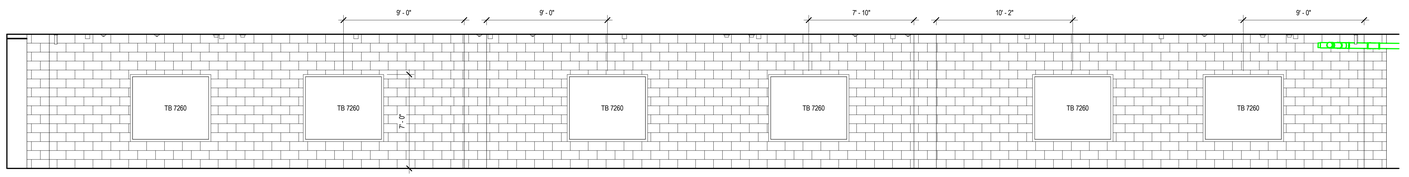
V11 LIBRARIAN WORKROOM 252A - NORTH
1/4" = 1'-0"



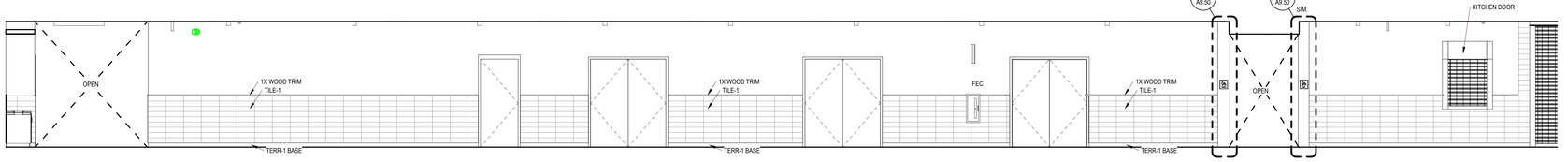
V8 LIBRARIAN WORKROOM 252A - EAST
1/4" = 1'-0"



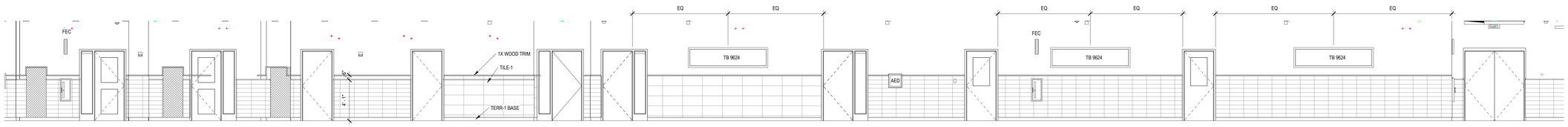
U4 LIBRARIAN WORKROOM 252A - ENLARGED PLAN
1/4" = 1'-0"



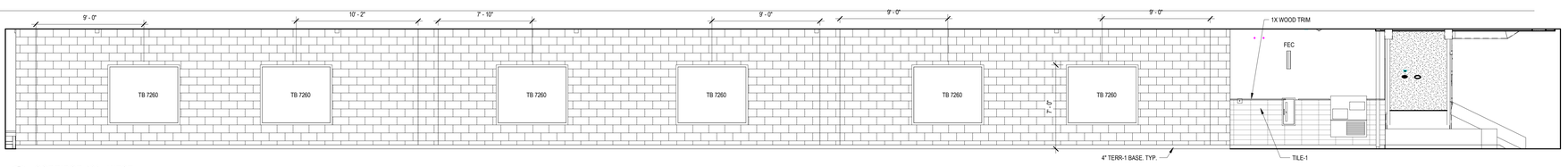
N19 CORRIDOR 150 - WEST
1/4" = 1'-0"



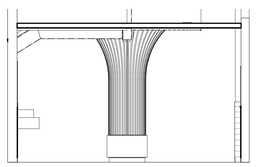
J21 CORRIDOR 150 - EAST
1/4" = 1'-0"



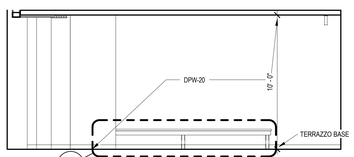
F26 CORRIDOR 191 - EAST
1/4" = 1'-0"



D22 CORRIDOR 191 - WEST
1/4" = 1'-0"



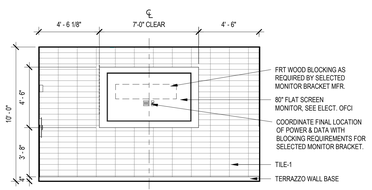
A26 15 - b
1/4" = 1'-0"



A14 Elevation 27 - a
1/4" = 1'-0"



A9 11 - a2
1/4" = 1'-0"



A5 11 - b
1/4" = 1'-0"

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PROJECT NUMBER: 23-0847

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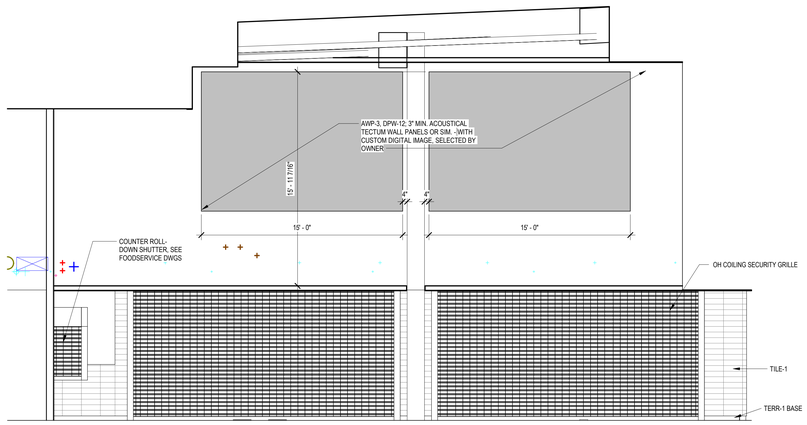
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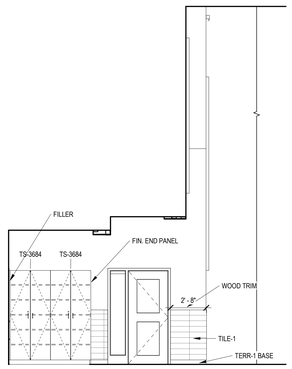
0 2" 4" 8"
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
INTERIOR ELEVATIONS

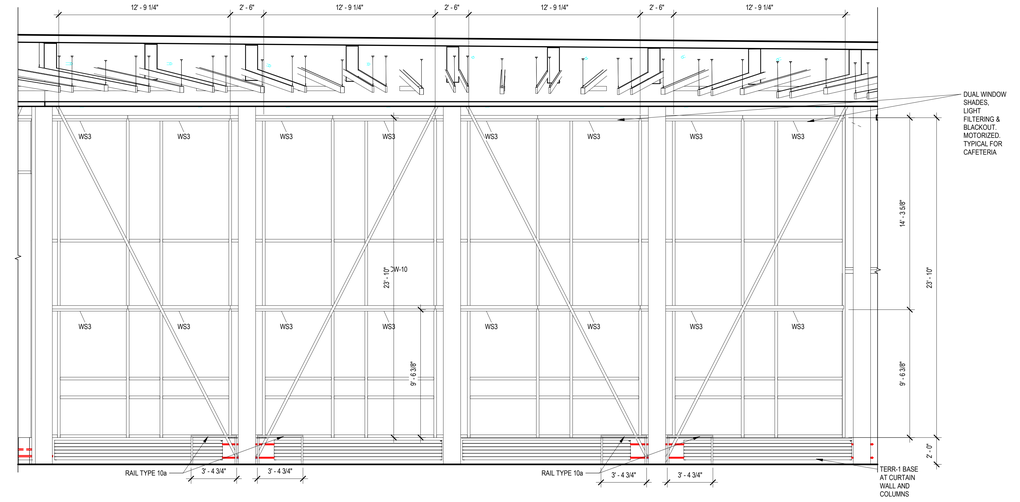
SHEET NUMBER:
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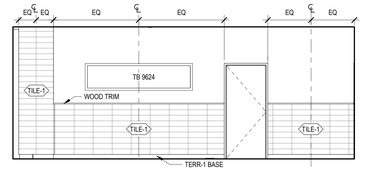
R26 INTERIOR ELEVATION - CAFETERIA - 168 - NORTH
1/4" = 1'-0"



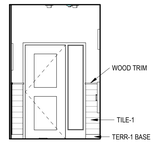
R16 INTERIOR ELEVATION - FLEX CLASROOM - SOUTH
1/4" = 1'-0"



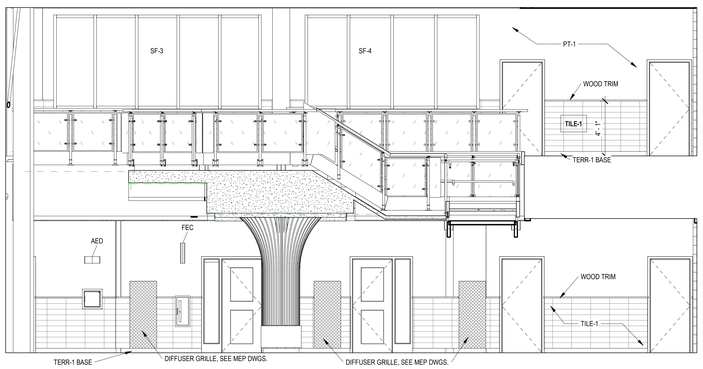
R12 INTERIOR ELEVATION - CAFETERIA 168 - EAST 2
1/4" = 1'-0"



N9 ELEVATION - CAFETERIA - KITCHEN - WEST
1/4" = 1'-0"



N5 ELEVATION - INSTUMENTAL MUSIC - NORTH
1/4" = 1'-0"



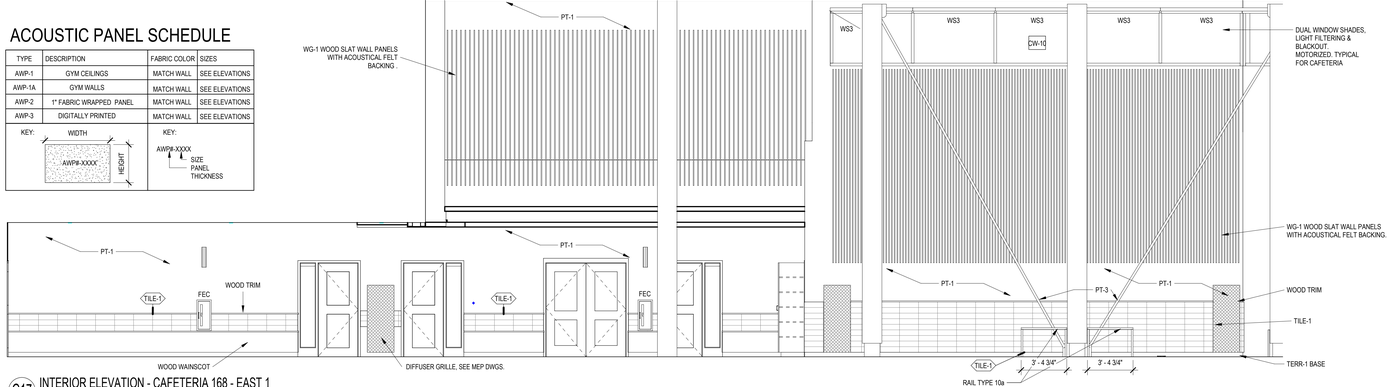
G27 CORRIDOR 170 - SOUTH
1/4" = 1'-0"

ACOUSTIC PANEL SCHEDULE

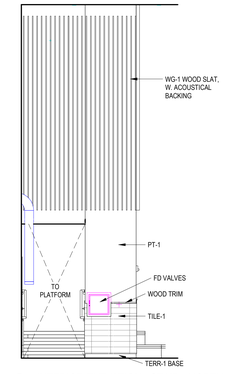
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH — AWP#-XXXX — HEIGHT

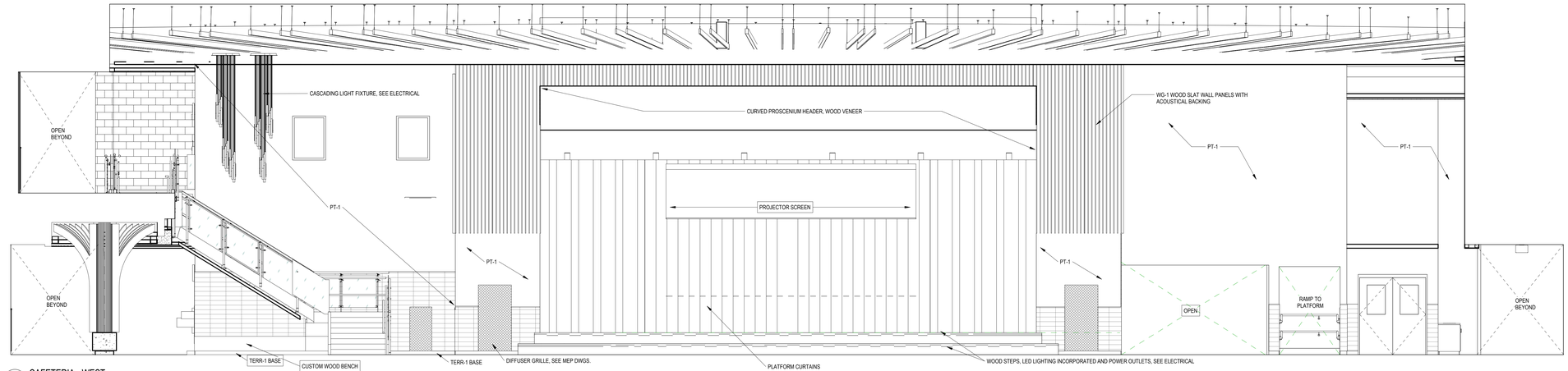
KEY: AWP#-XXXX — SIZE — PANEL THICKNESS



G17 INTERIOR ELEVATION - CAFETERIA 168 - EAST 1
1/4" = 1'-0"



A27 INTERIOR ELEVATION - STAIR - NORTH
1/4" = 1'-0"



A24 CAFETERIA - WEST
1/4" = 1'-0"

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REVISIONS:

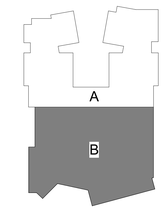
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KEY PLAN

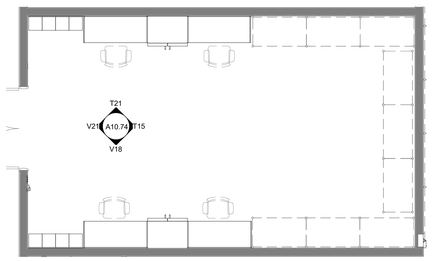


ORIENTATION AND SCALE:

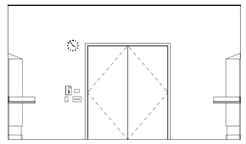
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SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
INTERIOR ELEVATIONS

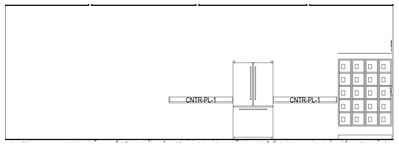
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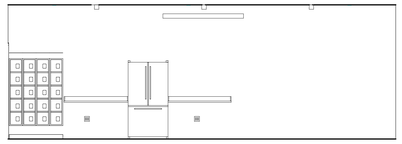
A27 ENLARGED PLAN - CARES STORAGE
1/4" = 1'-0"



V21 CARES STORAGE - SOUTH
1/4" = 1'-0"



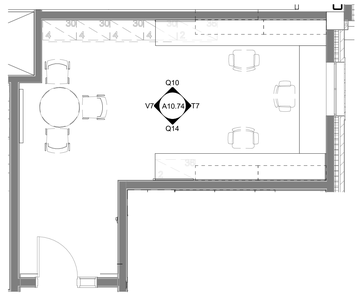
V18 CARES STORAGE - EAST
1/4" = 1'-0"



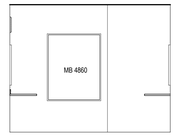
T21 CARES STORAGE - WEST
1/4" = 1'-0"



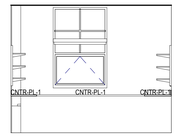
T15 CARES STORAGE - NORTH
1/4" = 1'-0"



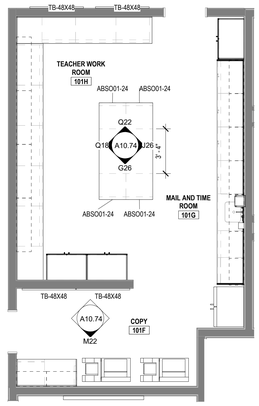
T12 ENLARGED PLAN - BCBA OFFICE
1/4" = 1'-0"



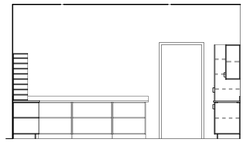
V7 BCBA OFFICE - SOUTH
1/4" = 1'-0"



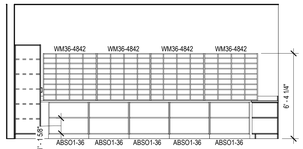
T7 BCBA OFFICE - NORTH
1/4" = 1'-0"



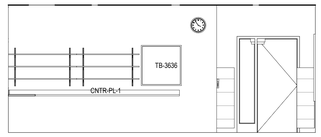
M26 ENLARGED PLAN - TEACHER WORK ROOM & MAIL & COPY ROOM
1/4" = 1'-0"



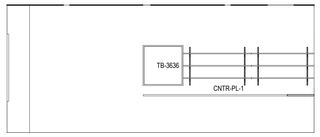
Q22 TEACHER WORK ROOM - NORTH
1/4" = 1'-0"



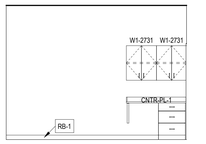
Q18 TEACHER WORK ROOM - WEST
1/4" = 1'-0"



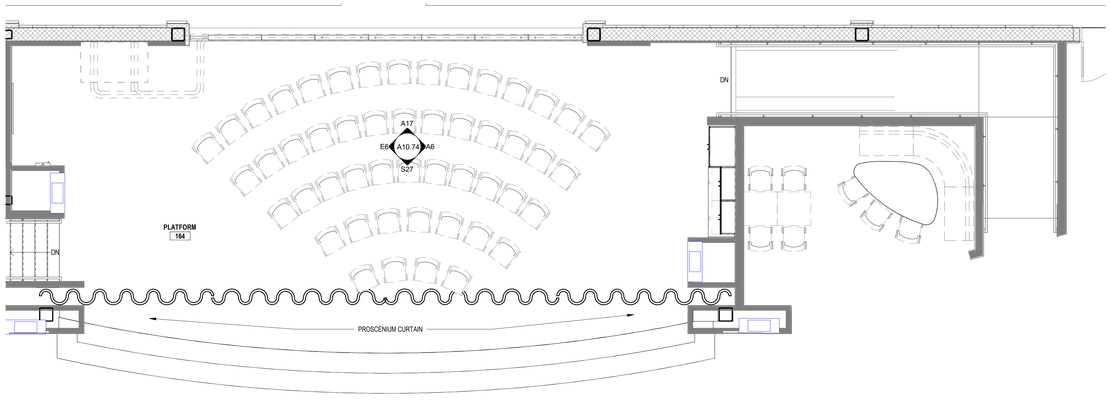
Q14 BCBA OFFICE - EAST
1/4" = 1'-0"



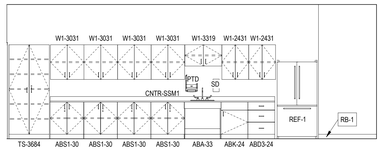
Q10 BCBA OFFICE - WEST
1/4" = 1'-0"



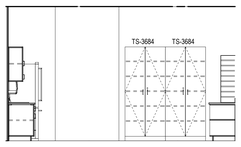
M22 COPY - EAST
1/4" = 1'-0"



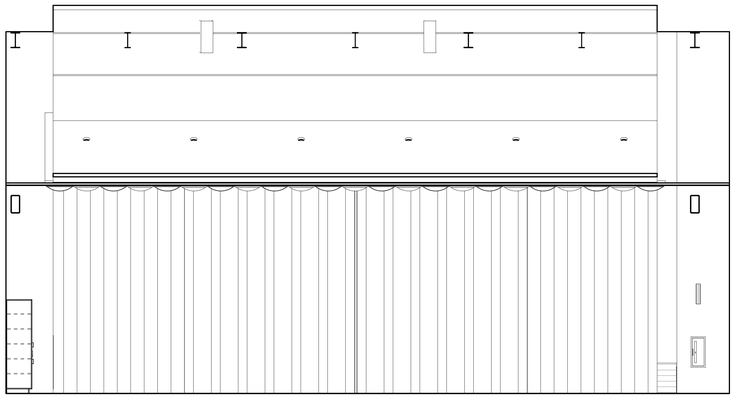
R27 STAGE - ENLARGED PLAN
1/4" = 1'-0"



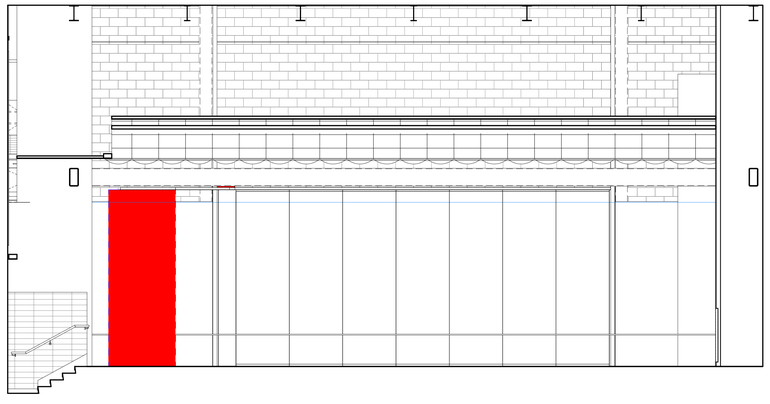
J26 TEACHER-WORK ROOM - EAST
1/4" = 1'-0"



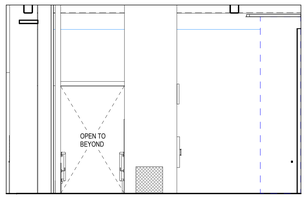
G26 TEACHER WORK ROOM - SOUTH
1/4" = 1'-0"



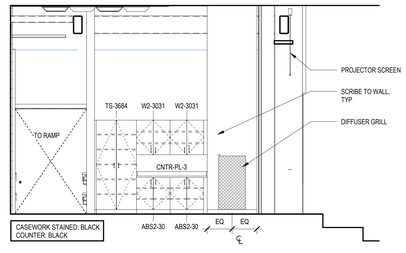
S27 STAGE 169 - EAST
1/4" = 1'-0"



A17 STAGE 169 - WEST
1/4" = 1'-0"



E6 STAGE 169 - SOUTH
1/4" = 1'-0"



A6 STAGE 169 - NORTH
1/4" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE "CT-PL" TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE CLASSROOM, ART, AND FLEX ART ROOMS SHALL BE TYPE "CT-SSM-2" UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK-BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE RESIN SINKS ARE INDICATED IN TYPE CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF DRAIN PIPING SHALL BE COMPLETED BY THE PLUMBING SUBCONTRACTOR.
19. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE CT-PL OR CT-ER COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
20. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
21. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL.
22. FOR ALL COUNTER SURFACE TRANSITIONS CONDITIONS, REFER TO TYPICAL COUNTER HEIGHT TRANSITION DETAIL

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH, AWP#-XXXX, HEIGHT

KEY: AWP#-XXXX — SIZE, PANEL THICKNESS

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
NEWBURYPORT, MA 01950
P: (978) 499-2999

VERMONT
212 BATTERY STREET
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WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

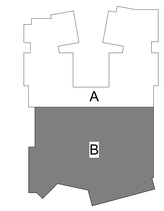
NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN



ORIENTATION AND SCALE:

0 2' 4' 8'
SCALE: 1/4"=1'-0" GRAPHIC SCALE

SHEET TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:
A10.74

ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

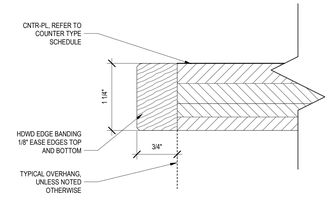
KEY: WIDTH — AWP#-XXXX (HEIGHT)

KEY: AWP#-XXXX — SIZE; PANEL THICKNESS

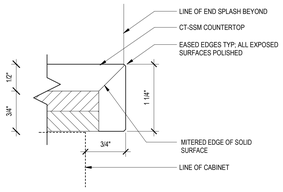
COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

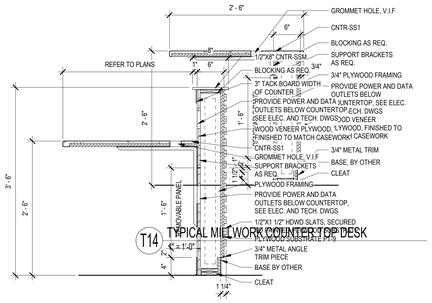
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS



S27 MILLWORK DETAIL - TYPICAL CNTR-PL COUNTER NOSING PROFILE
12" = 1'-0"

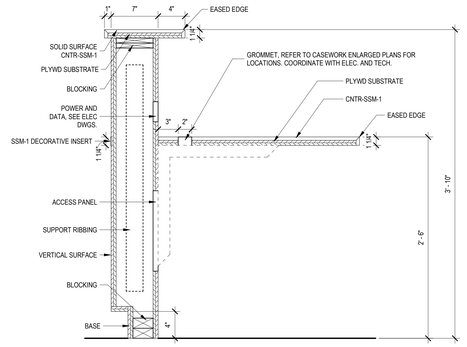


S22 MILLWORK DETAIL - TYPICAL CNTR-SSM COUNTER NOSING PROFILE
12" = 1'-0"

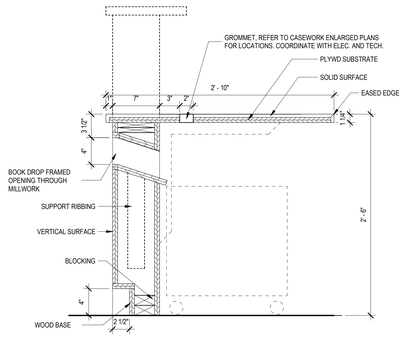


T14 TYPICAL MILLWORK COUNTER TOP DESK
1" = 1'-0"

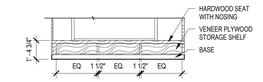
T11 TYPICAL MILLWORK TRANSACTION COUNTER DETAIL - SIMILAR
1" = 1'-0"



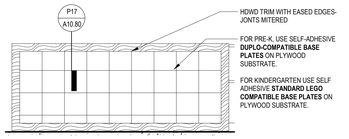
T12 MILLWORK DETAIL - SOLID SURFACE TRANSACTION TOP AND WORK SURFACE COUNTER
1 1/2" = 1'-0"



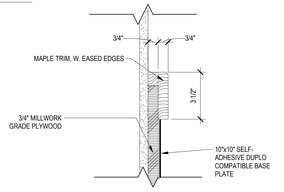
T6 WORK SURRACE COUNTER - BOOK DROP CABINET
1 1/2" = 1'-0"



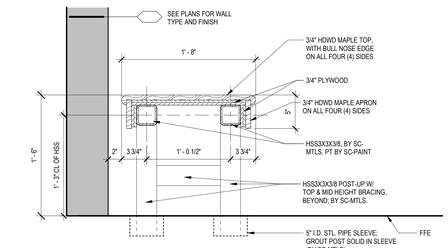
Q27 MILLWORK DETAIL - ELA BENCH SECTION
1/4" = 1'-0"



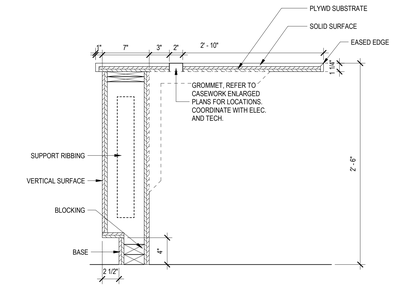
Q22 LEGO WALL ELEVATION IN ELA CORRIDORS - LEVEL 1
1/2" = 1'-0"



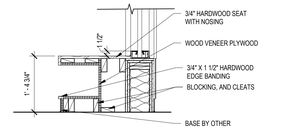
P17 SECTION -LEGO WALL & TRIM
3" = 1'-0"



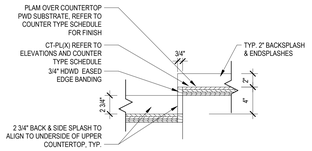
N12 WOOD BENCH - SECTION
1 1/2" = 1'-0"



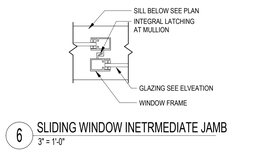
N6 MILLWORK DETAIL - SOLID SURFACE WORK SURFACE COUNTER
1 1/2" = 1'-0"



M27 MILLWORK DETAIL - ELA BENCH
3/4" = 1'-0"

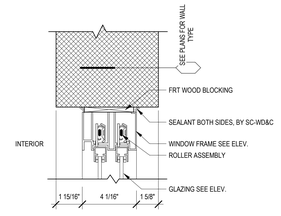


M22 MILLWORK DETAIL - TYP. COUNTERTOP HEIGHT TRANSITION
1 1/2" = 1'-0"

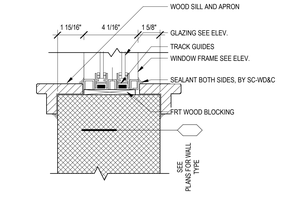


6 SLIDING WINDOW INETRMEDIATE JAMB
3" = 1'-0"

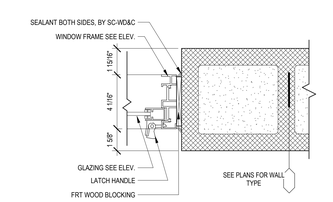
D17 LIBRARY STEPPED SEATING
1/2" = 1'-0"



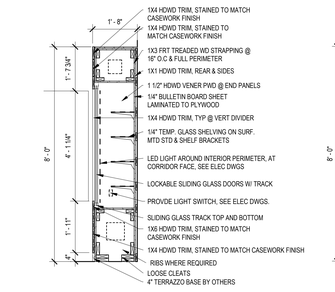
K13 SLIDING WINDOW HEAD
3" = 1'-0"



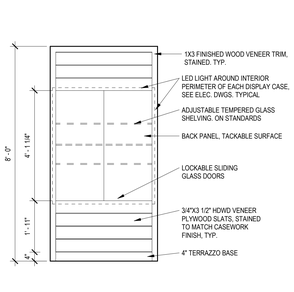
K9 SLIDING WINDOW SILL
3" = 1'-0"



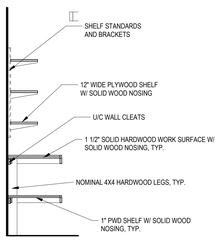
K6 SLIDING WINDOW JAMB
3" = 1'-0"



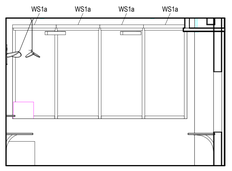
F27 MILLWORK SECTION - DISPLAY CASE - CORRIDOR 102
1/2" = 1'-0"



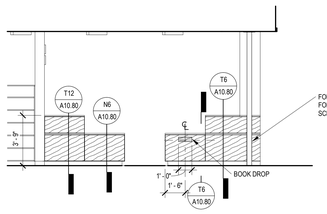
F23 MILLWORK DISPLAY CASE - CORRIDOR 102
1/2" = 1'-0"



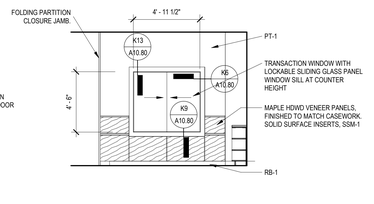
D13 MILLWORK DETAIL - CUSTODIAN WORK BENCH
1/2" = 1'-0"



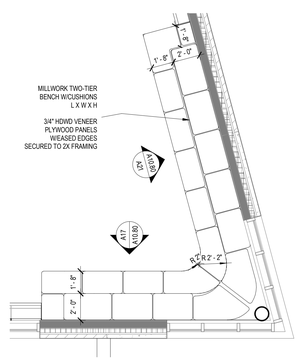
D15 CIRCULALTION DESK - ELEVATION 3
1/4" = 1'-0"



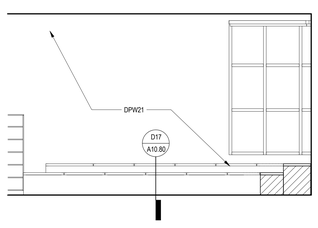
D9 CIRCULATION DESK - ELEVATION 2
1/4" = 1'-0"



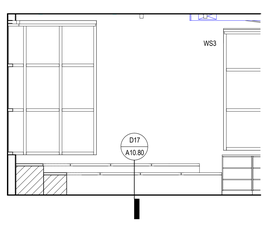
D5 CIRCULATION DESK - ELEVATION 1
1/4" = 1'-0"



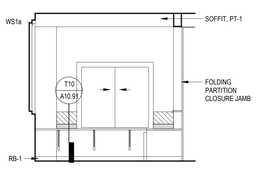
A27 LIBRARY - STEPPED SEATING
1/4" = 1'-0"



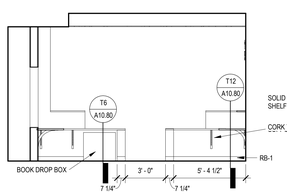
A21 STEPPED SEATING ELEV - EAST
1/4" = 1'-0"



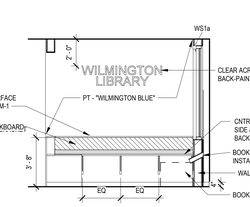
A17 STEPPED SEATING ELEV - SOUTH
1/4" = 1'-0"



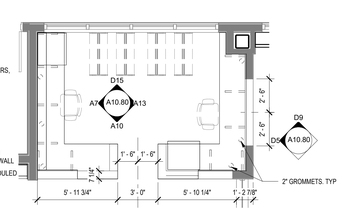
A13 CIRC DESK INT ELEV - EAST
1/4" = 1'-0"



A10 CIRC DESK INT ELEV - SOUTH
1/4" = 1'-0"



A7 CIRC DESK INT ELEV - WEST
1/4" = 1'-0"



A5 LIBRARY - CIRCULATION DESK
1/4" = 1'-0"

DORE + WHITTIER

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P: (802) 863-1428

WILMINGTON ELEMENTARY SCHOOL

320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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KEY PLAN

ORIENTATION AND SCALE:

SCALE: AS INDICATED

SHEET TITLE:
MILLWORK DETAILS

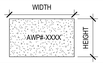
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Autodesk Docs://Wilmington Elementary School/ARCH - 847 - Wilmington ES.rvt
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ACOUSTIC PANEL SCHEDULE

TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH



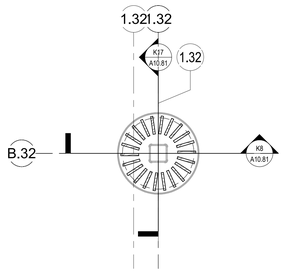
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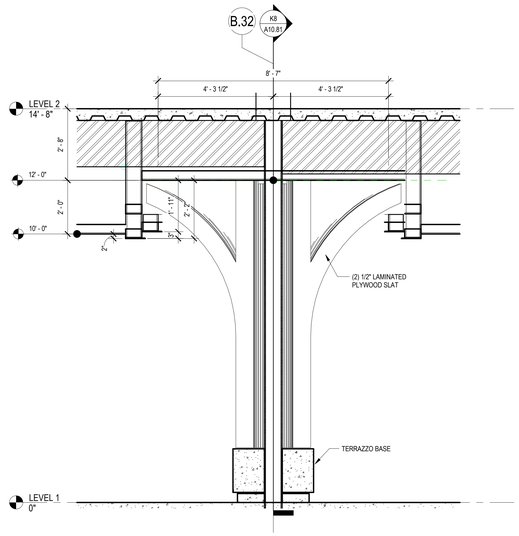
AWP#-XXXX
- SIZE
- PANEL
- THICKNESS

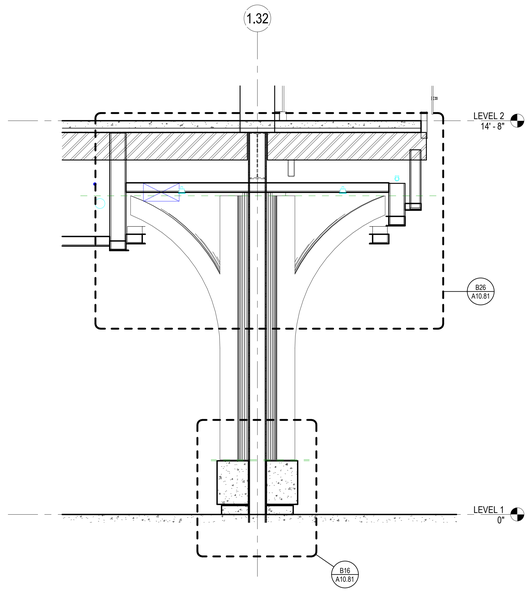
COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
CNTR-SSM-1	SOLID SURFACE MATERIAL	HI-MACS, T017 ADNDROMEDA	ALL COUNTERS WITH SINKS, EXCEPT NOTED OTHERWISE
CNTR-SSM-2	SOLID SURFACE MATERIAL	FORMICA, 770 BOTTLE GLASS QUARTZ	ART, ART-FLEX, STE CLASSROOMS

NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS



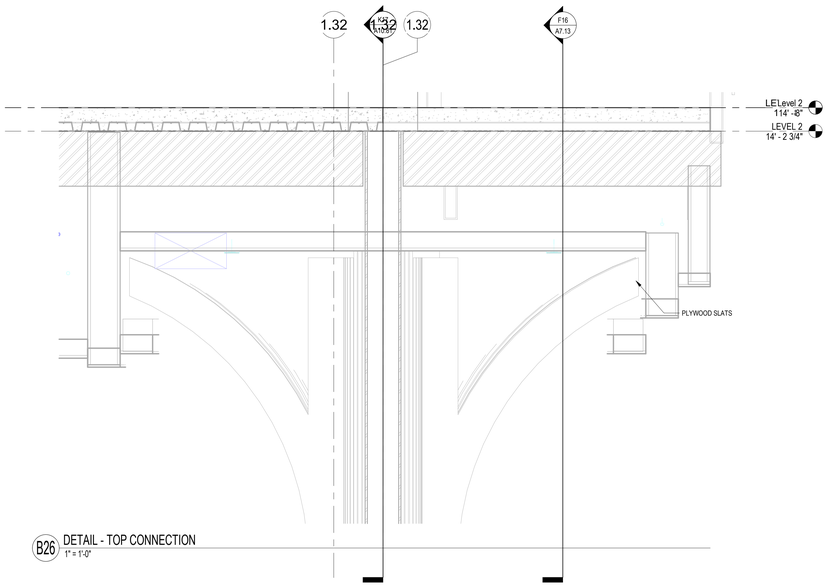


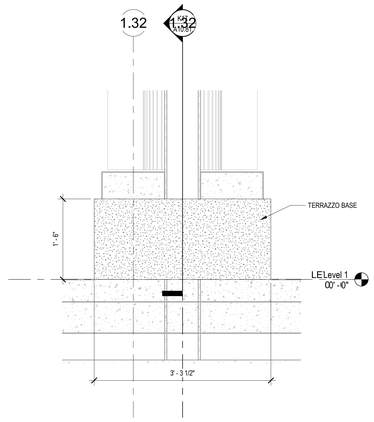


K26 TREE COLUMN - MILLWORK DETAIL PLAN
1/2" = 1'-0"

K17 WALL SECTION AT NORTH / SOUTH TREE COLUMNCTION
1/2" = 1'-0"

K8 WALL SECTION AT EAST / WEST TREE COLUMN
1/2" = 1'-0"





B26 DETAIL - TOP CONNECTION
1" = 1'-0"

B16 DETAIL - BASE CONNECTION
1" = 1'-0"

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ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

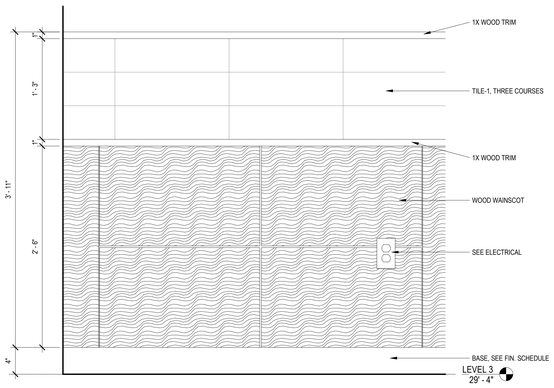
ORIENTATION AND SCALE:

SCALE: AS INDICATED

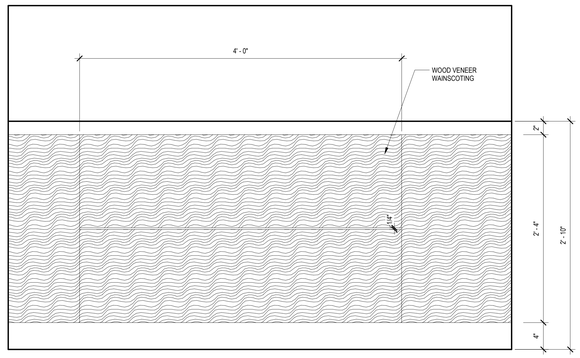
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MILLWORK DETAILS

SHEET NUMBER:
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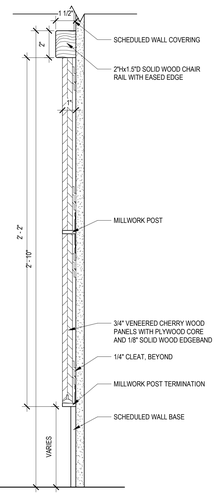
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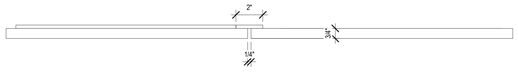
S26 ELEVATION DETAIL - TILE AND WOOD PANELLED WAINSCOTING
1 1/2" = 1'-0"



M26 ELEVATION DETAIL - WOOD PANELLED WAINSCOTING
1 1/2" = 1'-0"



15 WOOD PANELLED WAINSCOTING - SECTION
3" = 1'-0"



14 WOOD PANELLED WAINSCOTING PLAN - SECTION
3" = 1'-0"

COUNTER TYPE SCHEDULE

TYPE	MATERIAL	BASIS OF DESIGN FINISH	LOCATION
CNTR-PL-1	PLASTIC LAMINATE	WILSONART- PALOMA POLAR	ALL LOCATIONS EXCEPT NOTED OTHERWISE
PLAM-PL-2	PLASTIC LAMINATE	FORMICA, MILK 9634-58	ADJUSTABLE SHELVING THROUGHOUT
PLAM-PL-3	PLASTIC LAMINATE	FORMICA, BLACK 0909	COUNTERTOP, SIDE & BACKSPLASH AT PLATFORM ONLY
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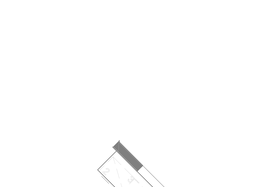
NOTES:
1. REFER TO CASEWORK PLANS FOR TYPE DESIGNATIONS PER ROOM
2. COORDINATE PRODUCT INFORMATION AND CONSTRUCTION REQUIREMENTS WITH SPECIFICATIONS

ACOUSTIC PANEL SCHEDULE

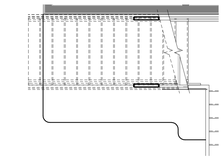
TYPE	DESCRIPTION	FABRIC COLOR	SIZES
AWP-1	GYM CEILINGS	MATCH WALL	SEE ELEVATIONS
AWP-1A	GYM WALLS	MATCH WALL	SEE ELEVATIONS
AWP-2	1" FABRIC WRAPPED PANEL	MATCH WALL	SEE ELEVATIONS
AWP-3	DIGITALLY PRINTED	MATCH WALL	SEE ELEVATIONS

KEY: WIDTH / AWPX-XXXX / HEIGHT

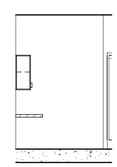
KEY: AWPX-XXXX — SIZE, PANEL THICKNESS



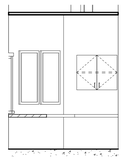
2 MILLWORK ENLARGED PLAN - RECEPTION DESK
1/4" = 1'-0"



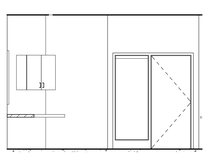
8 MILLWORK ENLARGED PLAN - STAIR BENCH
1/4" = 1'-0"



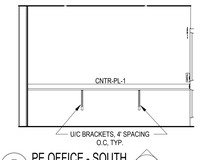
10 3 - a
1/4" = 1'-0"



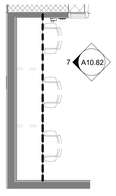
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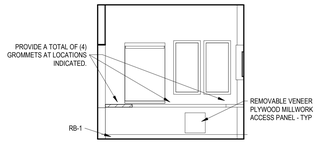
11 5 - b
1/4" = 1'-0"



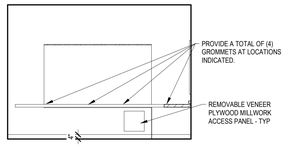
7 PE OFFICE - SOUTH
1/4" = 1'-0"



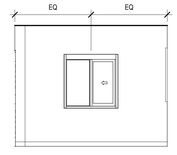
1 MILLWORK ENLARGED PLAN - PE WORKSTATION
1/4" = 1'-0"



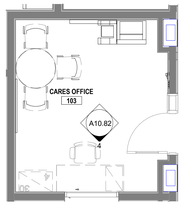
6 GENERAL OFFICE / WAITING
1/4" = 1'-0"



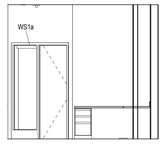
5 GENERAL OFFICE / WAITING - WEST
1/4" = 1'-0"



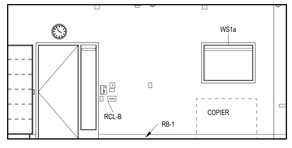
4 CARES OFFICE - EAST
1/4" = 1'-0"



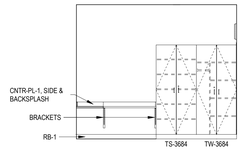
3 MILLWORK ENLARGED PLAN - CARES WORKSTATION
1/4" = 1'-0"



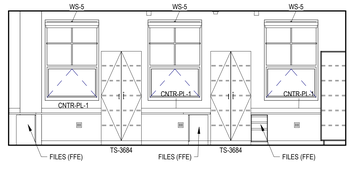
A20 INT-RECEPTION DESK / PRINCIPAL
1/4" = 1'-0"



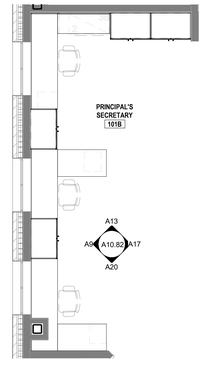
A17 ADMIN WORKSPACE - WEST
1/4" = 1'-0"



A13 ADMIN WORKSPACE - SOUTH
1/4" = 1'-0"



A9 ADMIN WORKSPACE - EAST
1/4" = 1'-0"



A4 MILLWORK ENLARGED PLAN - ADMIN WORKSTATIONS
1/4" = 1'-0"

DORE + WHITTIER

MASSACHUSETTS
260 MERRIMAC STREET BUILDING 7, 2ND FLOOR
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320 SALEM STREET
WILMINGTON, MA 01887

PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

90% CONSTRUCTION DOCUMENTS
09/25/2026

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KEY PLAN

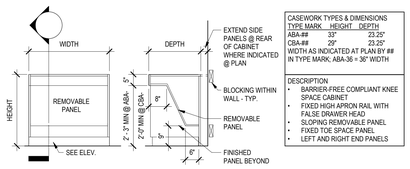
ORIENTATION AND SCALE:

SCALE: AS INDICATED

SHEET TITLE:
MILLWORK DETAILS

SHEET NUMBER:
A10.82

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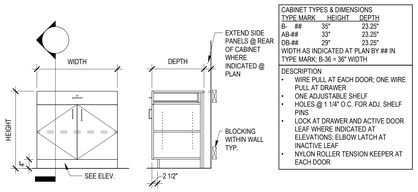


CASEWORK TYPES & DIMENSIONS		
TYPE MARK	HEIGHT	DEPTH
ABA-##	33"	23.25"
CBA-##	29"	23.25"

WIDTH AS INDICATED AT PLAN BY ## IN TYPE MARK; ABA-36 = 36" WIDTH

DESCRIPTION
- BARRIER-FREE COMPLIANT KNEE SPACE CABINET
- FIXED HIGH APRON RAIL WITH FALSE DRAWER HEAD
- SLOPING REMOVABLE PANEL
- FIXED TOE SPACE PANEL
- LEFT AND RIGHT END PANELS

ABA / CBA - BARRIER FREE KNEE SPACE CABINET
1/2" = 1'-0"

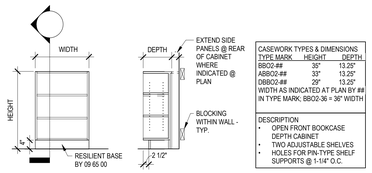


CABINET TYPES & DIMENSIONS		
TYPE MARK	HEIGHT	DEPTH
B- ##	35"	23.25"
AB-##	33"	23.25"
DB-##	29"	23.25"

WIDTH AS INDICATED AT PLAN BY ## IN TYPE MARK; B-36 = 36" WIDTH

DESCRIPTION
- WIRE PULL AT EACH DOOR; ONE WIRE PULL AT DRAWER
- ONE ADJUSTABLE SHELF
- HOLES @ 1 1/4" O.C. FOR ADJ. SHELF PINS
- LOCK AT DRAWER AND ACTIVE DOOR LEAF WHERE INDICATED AT ELEVATIONS; ELBOW LATCH AT INACTIVE LEAF
- NYLON ROLLER TENSION KEEPER AT EACH DOOR

B / AB / DB - BASE CABINET - DOUBLE DOOR
1/2" = 1'-0"

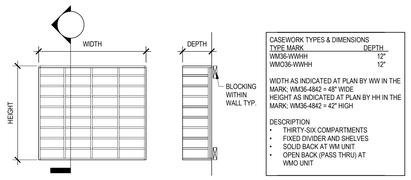


CASEWORK TYPES & DIMENSIONS		
TYPE MARK	HEIGHT	DEPTH
BBO2-##	35"	13.25"
ABBO2-##	33"	13.25"
DBBO2-##	29"	13.25"

WIDTH AS INDICATED AT PLAN BY ## IN TYPE MARK; BBO2-36 = 36" WIDTH

DESCRIPTION
- OPEN FRONT BOOKCASE DEPTH CABINET
- TWO ADJUSTABLE SHELVES
- HOLES FOR PIN-TYPE SHELF SUPPORTS @ 1-1/4" O.C.

BBO2 / ABB02 / DBBO2 - OPEN BOOKCASE UNIT
1/2" = 1'-0"

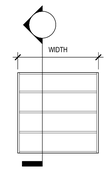


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WM36-WWHH	12"
WMO36-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WM36-4842 = 48" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WM36-4842 = 42" HIGH

DESCRIPTION
- THIRTY-SIX COMPARTMENTS
- FIXED DIVIDER AND SHELVES
- SOLID BACK AT WM UNIT
- OPEN BACK (PASS THRU) AT WMO UNIT

WM36-WMO36- MAIL BOXES
1/2" = 1'-0"

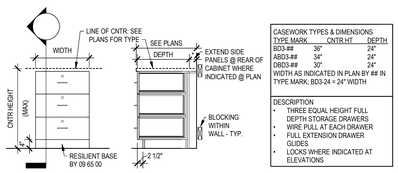


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WO3-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WO3-1236 = 12" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WO3-1236 = 36" HIGH

DESCRIPTION
- OPEN FRAME CABINET WITH THREE ADJUSTABLE SHELVES/SHELVES
- RECESSED HOLE FOR PIN-TYPE SHELF SUPPORTS @ 1-1/4" O.C. 1-1/4" O.C.

WO3 - UPPER WALL CABINET OPEN
1/2" = 1'-0"

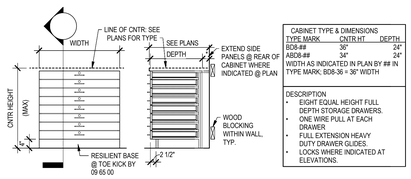


CASEWORK TYPES & DIMENSIONS		
TYPE MARK	CNTR HT	DEPTH
BD3-##	36"	24"
ABD3-##	34"	24"
DBD3-##	30"	24"

WIDTH AS INDICATED IN PLAN BY ## IN TYPE MARK; BD3-24 = 24" WIDTH

DESCRIPTION
- THREE EQUAL HEIGHT FULL DEPTH STORAGE DRAWERS
- WIRE PULL AT EACH DRAWER
- FULL EXTENSION DRAWER GLIDES
- LOCKS WHERE INDICATED AT ELEVATIONS

BD3 / ABD3 - THREE DRAWER BASE CABINET
1/2" = 1'-0"

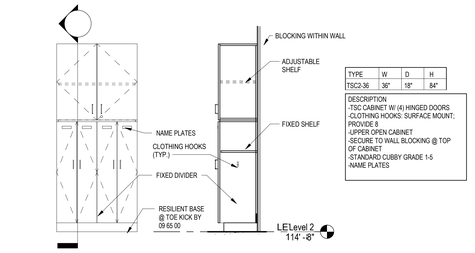


CABINET TYPE & DIMENSIONS		
TYPE MARK	CNTR HT	DEPTH
BD8-##	36"	24"
ABD8-##	34"	24"
DBD8-##	30"	24"

WIDTH AS INDICATED IN PLAN BY ## IN TYPE MARK; BD8-36 = 36" WIDTH

DESCRIPTION
- EIGHT EQUAL HEIGHT FULL DEPTH STORAGE DRAWERS.
- ONE WIRE PULL AT EACH DRAWER
- FULL EXTENSION HEAVY DUTY DRAWER GLIDES.
- LOCKS WHERE INDICATED AT ELEVATIONS.

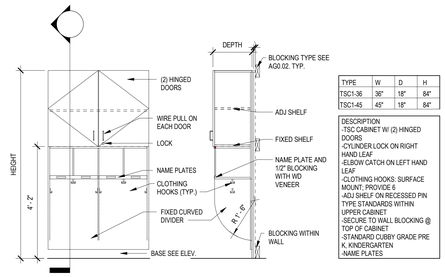
BD8 / ABD8 - DRAWER BASE CABINET
1/2" = 1'-0"



TYPE	W	D	H
TSC2-36	36"	18"	84"

DESCRIPTION
-TSC CABINET W/ (4) HINGED DOORS
-CLOTHING HOOKS: SURFACE MOUNT; PROVIDE 8
-UPPER OPEN CABINET
-SECURE TO WALL BLOCKING @ TOP OF CABINET
-STANDARD CUBBY GRADE 1-5
-NAME PLATES

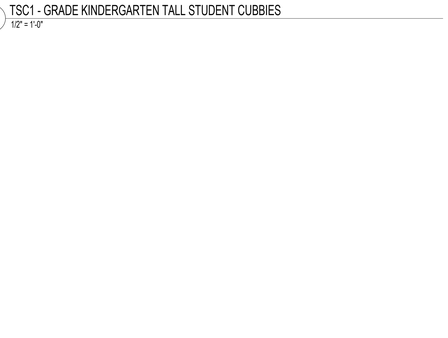
TSC2 - GRADE 1-5 STUDENT CUBBIES
1/2" = 1'-0"



TYPE	W	D	H
TSC1-36	36"	18"	84"
TSC1-45	45"	18"	84"

DESCRIPTION
-TSC CABINET W/ (2) HINGED DOORS
-CYLINDER LOCK ON RIGHT HAND LEAF
-ELBOW CATCH ON LEFT HAND LEAF
-CLOTHING HOOKS: SURFACE MOUNT; PROVIDE 6
-ADJ SHELF ON RECESSED PIN TYPE STANDARDS WITHIN UPPER CABINET
-SECURE TO WALL BLOCKING @ TOP OF CABINET
-STANDARD CUBBY GRADE PRE K, KINDERGARTEN
-NAME PLATES

TSC1 - GRADE KINDERGARTEN TALL STUDENT CUBBIES
1/2" = 1'-0"



CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WMO18-WWHH	12"
WMO18-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WM18-2442 = 24" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WM18-2442 = 42" HIGH

DESCRIPTION
- EIGHTEEN COMPARTMENTS
- FIXED DIVIDER AND SHELVES
- SOLID BACK AT WM UNIT
- OPEN BACK (PASS THRU) AT WMO UNIT

WM18-WMO18-MAIL BOX WALL CABINETS
1/2" = 1'-0"

CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WM27-WWHH	13.25"
WM027-WWHH	13.25"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WM27-3642 = 36" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WM27-3642 = 42" HIGH

DESCRIPTION
- TWENTY-SEVEN EQUAL COMPARTMENTS
- FIXED DIVIDER AND SHELVES
- SOLID BACK AT WM UNIT
- OPEN BACK (PASS THRU) AT WMO UNIT

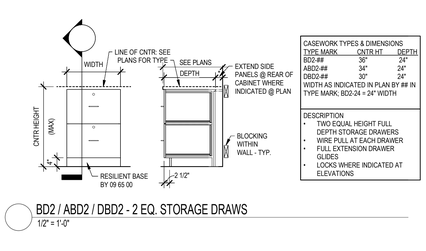
N-CASEWORK-WM27-WM027-MAIL BOX WALL CABINETS
1/2" = 1'-0"

CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WM36-WWHH	13.25"
WMO36-WWHH	13.25"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WM36-4842 = 48" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WM36-4842 = 42" HIGH

DESCRIPTION
- THIRTY-SIX COMPARTMENTS
- FIXED DIVIDER AND SHELVES
- SOLID BACK AT WM UNIT
- OPEN BACK (PASS THRU) AT WMO UNIT

N-CASEWORK-WM36-WMO36-MAIL BOX WALL CABINETS
1/2" = 1'-0"

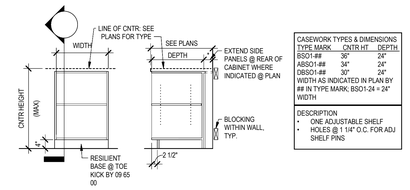


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
BD2-##	36" 24"
ABD2-##	34" 24"
DBD2-##	30" 24"

WIDTH AS INDICATED IN PLAN BY ## IN TYPE MARK; BD2-24 = 24" WIDTH

DESCRIPTION
- TWO EQUAL HEIGHT FULL DEPTH STORAGE DRAWERS
- WIRE PULL AT EACH DRAWER
- FULL EXTENSION DRAWER GLIDES
- LOCKS WHERE INDICATED AT ELEVATIONS

BD2 / ABD2 / DBD2 - 2 EQ. STORAGE DRAWS
1/2" = 1'-0"

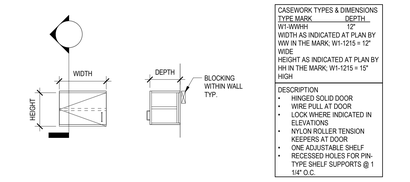


CASEWORK TYPES & DIMENSIONS		
TYPE MARK	CNTR HT	DEPTH
BSO1-##	36"	24"
ABSO1-##	34"	24"
DBSO1-##	30"	24"

WIDTH AS INDICATED IN PLAN BY ## IN TYPE MARK; BSO1-24 = 24" WIDTH

DESCRIPTION
- ONE ADJUSTABLE SHELF
- HOLES @ 1 1/4" O.C. FOR ADJ SHELF PINS

BSO1 / ABSO1 - DBSO1 - OPEN BOOKCASE UNIT
1/2" = 1'-0"

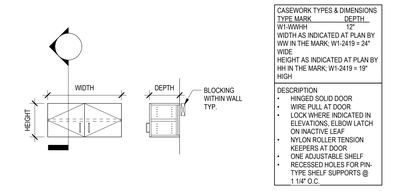


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
W1-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; W1-1215 = 12" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; W1-1215 = 15" HIGH

DESCRIPTION
- HINGED SOLID DOOR
- WIRE PULL AT DOOR
- LOCK WHERE INDICATED IN ELEVATIONS
- NYLON ROLLER TENSION KEEPERS AT DOOR
- ONE ADJUSTABLE SHELF
- RECESSED HOLES FOR PIN-TYPE SHELF SUPPORTS @ 1 1/4" O.C.

W1 - WALL CABINET SINGLE DOOR
1/2" = 1'-0"

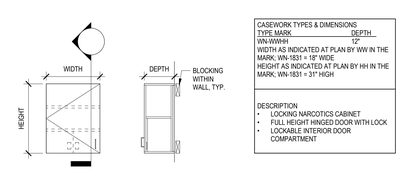


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
W1-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; W1-2419 = 24" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; W1-2419 = 19" HIGH

DESCRIPTION
- HINGED SOLID DOOR
- WIRE PULL AT DOOR
- LOCK WHERE INDICATED IN ELEVATIONS, ELBOW LATCH ON INACTIVE LEAF
- NYLON ROLLER TENSION KEEPERS AT DOOR
- ONE ADJUSTABLE SHELF
- RECESSED HOLES FOR PIN-TYPE SHELF SUPPORTS @ 1 1/4" O.C.

WALL CABINET DOUBLE DOOR
1/2" = 1'-0"

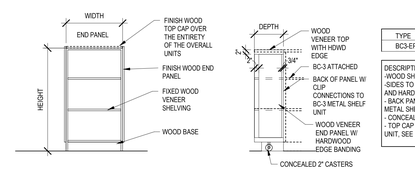


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
WN-WWHH	12"

WIDTH AS INDICATED AT PLAN BY WW IN THE MARK; WN-1831 = 18" WIDE
HEIGHT AS INDICATED AT PLAN BY HH IN THE MARK; WN-1831 = 31" HIGH

DESCRIPTION
- LOCKING NARCOTICS CABINET
- FULL HEIGHT HINGED DOOR WITH LOCK
- LOCKABLE INTERIOR DOOR COMPARTMENT

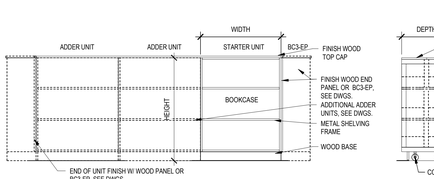
N-CASEWORK-WN -NARCOTICS CABINET
1/2" = 1'-0"

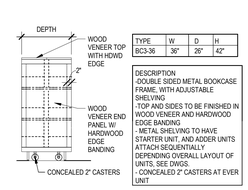


TYPE	W	D	H
BC3-EP	26"	13"	42"

DESCRIPTION
-WOOD SHELVING END PANEL FOR BC-3 -SIDES TO BE FINISHED IN WOOD VENEER AND HARDWOOD EDGE BANDING
- BACK PANEL ATTACHMENTS TO BC-3 METAL SHELVING UNIT
- CONCEALED 2" CASTERS
- TOP CAP PART OF THE ENTIRE OVERALL UNIT, SEE DWGS.

BC3-EP - END PANEL MOBILE BOOKCASE
1/2" = 1'-0"

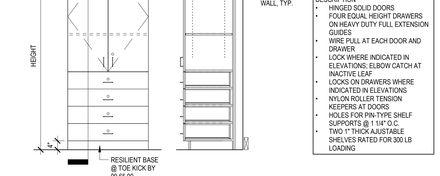




TYPE	W	D	H
BC3-36	36"	26"	42"

DESCRIPTION
-DOUBLE SIDED METAL BOOKCASE FRAME, WITH ADJUSTABLE SHELVING
-TOP AND SIDES TO BE FINISHED IN WOOD VENEER AND HARDWOOD EDGE BANDING
- METAL SHELVING TO HAVE STARTER UNIT, AND ADDER UNITS ATTACH SEQUENTIALLY DEPENDING OVERALL LAYOUT OF UNITS, SEE DWGS.
- CONCEALED 2" CASTERS AT EVER UNIT

BC3 - DOUBLE SIDED MOBILE METAL BOOKCASE
1/2" = 1'-0"

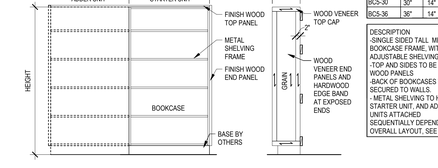


CASEWORK TYPES & DIMENSIONS	
TYPE MARK	DEPTH
TH4-WWHH	24"

WIDTH AS INDICATED BY "WW" IN TYPE MARK; TH4-3684 = 36" WIDE
HEIGHT AS INDICATED BY "HH" IN TYPE MARK; TH4-3684 = 84" HIGH

DESCRIPTION
- HINGED SOLID DOORS
- FOUR EQUAL HEIGHT DRAWERS ON HEAVY DUTY FULL EXTENSION GUIDES
- WIRE PULL AT EACH DOOR AND DRAWER
- LOCK WHERE INDICATED IN ELEVATIONS; ELBOW CATCH AT INACTIVE LEAF
- LOCKS ON DRAWERS WHERE INDICATED IN ELEVATIONS
- NYLON ROLLER TENSION KEEPERS AT DOORS
- HOLES FOR PIN-TYPE SHELF SUPPORTS @ 1 1/4" O.C.
- TWO 1" THICK ADJUSTABLE SHELVES RATED FOR 300 LB LOADING

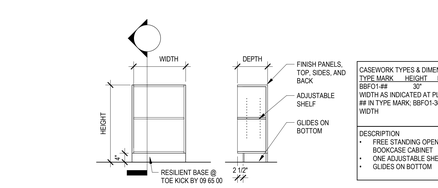
TH4 - TALL STORAGE DOUBLE DOOR ABOVE DRAWERS
1/2" = 1'-0"



TYPE	W	D	H
BC5-30	30"	14"	66"
BC5-36	36"	14"	66"

DESCRIPTION
-SINGLE SIDED TALL METAL BOOKCASE FRAME, WITH ADJUSTABLE SHELVING
-TOP AND SIDES TO BE FINISHED WOOD PANELS
-BACK OF BOOKCASES TO BE SECURED TO WALLS.
- METAL SHELVING TO HAVE STARTER UNIT, AND ADDER UNITS ATTACHED SEQUENTIALLY DEPENDING ON OVERALL LAYOUT, SEE DWGS.

BC5 - SINGLE SIDED METAL BOOKCASE
1/2" = 1'-0"



CASEWORK TYPES & DIMENSIONS		
TYPE MARK	HEIGHT	DEPTH
BBFO1-##	30"	15.25"

WIDTH AS INDICATED AT PLAN BY ## IN TYPE MARK; BBFO1-36 = 36" WIDTH

DESCRIPTION
- FREE STANDING OPEN FRONT BOOKCASE CABINET
- ONE ADJUSTABLE SHELF
- GLIDES ON BOTTOM

N-CASEWORK-BBFO1 OPEN BOOKCASE UNIT FREE STANDING
1/2" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINET DIMENSIONS INDICATED ARE NOMINAL AND MAY VARY SLIGHTLY BY MANUFACTURER; HOWEVER COUNTERTOP HEIGHTS AT ACCESSIBLE CABINETS SHALL BE AS INDICATED, AND NO HIGHER THAN 2'-10" ABOVE FLOOR AT ANY LOCATION, REGARDLESS OF 'OUT OF LEVEL' FLOOR CONDITIONS.
2. REFER TO CASEWORK LEGEND SHEETS FOR CABINET TYPES DESIGNATED ON THESE PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL CLEAR WALL DIMENSIONS PRIOR TO FABRICATING CASEWORK.
4. PROVIDE SCRIBE TRIM AT ALL CABINETS MEETING ADJACENT WALL CONSTRUCTION UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
5. PROVIDE FILLER / SCRIBE TRIM AT EACH CABINET MEETING ADJACENT CABINETS AT 90 DEGREE INTERIOR CORNERS UNLESS SPECIFICALLY INDICATED AS OTHERWISE.
6. ALL CABINETS SHALL FEATURE FULLY FINISHED SIDES AND BACKS WHERE EXPOSED TO VIEW, WHETHER SPECIFICALLY INDICATED OR NOT.
7. THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER AND THE CASEWORK SUBCONTRACTOR SHALL COORDINATE INSTALLATION OF CONCEALED BLOCKING REQUIRED FOR WALL CABINET AND ADJUSTABLE SHELVING STANDARD INSTALLATION WITH ROUGH CARPENTRY SUBCONTRACTOR TO ASSURE PROPER PLACEMENT OF BLOCKING.
8. UNLESS SPECIFICALLY INDICATED, RESILIENT BASE SHALL BE INSTALLED AT BASES OF ALL TOE KICKS AND FLUSH-CONFIGURATION CABINETS. REFER TO FINISH SCHEDULE AND INDEX OF FINISHES FOR BASE TYPES. BASE TO BE INSTALLED BY RESILIENT FLOORING SUBCONTRACTOR.
9. COORDINATE CASEWORK DIMENSIONS WITH APPLIANCES SUBMITTED AND ACCEPTED FOR USE. CONFIRM ALL APPLIANCE DIMENSIONS, INSTALLATION REQUIREMENTS, AND REQUIRED CLEARANCES PRIOR TO FABRICATION. INDICATE CLEARANCES AND UNIQUE REQUIREMENTS IN SHOP DRAWINGS.
10. PROVIDE BACK AND SIDE SPLASHES AT ALL COUNTERTOPS AT ADJACENT WALL CONSTRUCTION AND TALL CABINET BODIES. BACK AND SIDE SPLASHES SHALL BE FIELD APPLIED AND MATCH THE MATERIAL AND COLOR OF THE COUNTERTOP UNLESS SPECIFICALLY NOTED OTHERWISE.
11. WHERE BACK OR SIDE SPLASHES OCCUR IMMEDIATELY BELOW WINDOW OPENINGS, COORDINATE THE HEIGHT AND DETAILS OF THE SPLASH WITH THE FINISH CARPENTRY SUBCONTRACTOR. WOOD APRON TRIM AT SUCH LOCATIONS SHALL BE REPLACED BY THE SPLASH COMPONENT. REFER TO DETAILS.
12. COUNTERTOPS AT ALL GENERAL CLASSROOMS, OFFICES, AND OTHER NON-SCIENCE SPACES SHALL BE TYPE 'CT-PL' TYPE UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
13. COUNTERTOPS AT STE. CLASSROOMS, INCLUDING BUT RELATED PREP ROOMS, AND ART ROOMS SHALL BE TYPE 'CT-ER' UNLESS SPECIFICALLY NOTED. REFER TO CASEWORK SPECIFICATIONS.
14. UNLESS SPECIFICALLY IDENTIFIED BY TYPE, LOOSE FURNISHINGS INCLUDING STOOLS, CHAIRS, DESKS AND TABLES SHOWN DASHED ARE NOT IN CONTRACT.
15. WHERE CABINETS ARE LOCATED WITH FIN-TUBE RADIATION HEATING BEHIND, THE CABINETS CARCASS SHALL BE FABRICATED TO PROVIDE FOR UNRESTRICTED MOVEMENT OF AIR FROM THE TOE KICK BELOW THE CABINET, UNDER THE CABINET BOTTOM, TO THE SPACE BEHIND THE CABINETS AT THE FIN-TUBE HEATING. THE CASEWORK MANUFACTURER SHALL PROVIDE 1/8" THK PERFORATED STEEL GRILLES WITH FACTORY-APPLIED BLACK BAKED ENAMEL FINISH AT THE TOE KICK FOR FULL WIDTHS OF CABINETS, AND 4" WIDE PENCIL-PROOF, CLEAR ANODIZED ALUMINUM GRATINGS IN FRAMES AT THE COUNTER LEDGE. SEE PLANS FOR LENGTHS OF GRATINGS.
16. WHERE ELECTRICAL OR DATA OUTLETS ARE INDICATED IN CASEWORK, ROUGH OPENINGS FOR OUTLET BOXES SHALL BE FACTORY PROVIDED. JUNCTION BOXES AND DEVICES SHALL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
17. WHERE SERVICE FITTINGS ARE INDICATED IN CASEWORK INCLUDING BUT NOT LIMITED TO GAS, WATER, AND COMPRESSED AIR, THEY SHALL BE PROVIDED AND INSTALLED IN THE CASEWORK BY THE CASEWORK SUBCONTRACTOR. FINAL CONNECTION OF UTILITIES TO THE FITTINGS SHALL BE COMPLETED BY THE PLUMBING TRADE CONTRACTOR.
18. WHERE STAINLESS STEEL SINKS ARE INDICATED IN TYPE SSM-1 COUNTERTOPS, THEY SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR. OPENINGS FOR SUCH SINKS SHALL BE PROVIDED BY THE CASEWORK SUBCONTRACTOR BASED ON TEMPLATE INFORMATION PROVIDED BY OR COORDINATION WITH THE PLUMBING SUBCONTRACTOR.
19. FIRE EXTINGUISHERS INDICATED AT SAFETY CABINETS SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION SPECIALTIES SUBCONTRACTOR.
20. WHERE CONTROLS INCLUDING, BUT NOT LIMITED TO PLUMBING VALVES, CLEANOUTS, OR ELECTRICAL OR DATA CONDUCTORS AND CABLING RUN THROUGH BUS-WAYS OR CHASES CONCEALED BEHIND OR WITHIN MILLWORK, ACCESS PANELS SHALL BE PROVIDED IN THE MILLWORK TO PROVIDE ACCESS TO SUCH UTILITIES. ACCESS PANELS SHALL BE OF THE SAME MATERIAL AND FINISH AS THE ADJACENT CABINETRY, AND SHALL BE FACTORY CREATED. FIELD CUTTING SHALL NOT BE PERMITTED. PANELS SHOULD BE MINIMUM 12 X 12 INCHES IN SIZE, AND SHALL BE SECURED IN PLACE FLUSH WITH THE ADJACENT CABINET BODY, USING PAN HEAD STAINLESS STEEL FINISH PHILIPS HEAD SCREWS WITH STAINLESS STEEL FINISHED WASHERS AT NO MORE THAN 12" ON CENTER AROUND THE PERIMETER OF THE ACCESS PANEL
21. ALL SINKS ARE TO BE IN SOLID SURFACE COUNTER. PLAM NOT PERMITTED.

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PROJECT NUMBER: 23-0847

SEAL AND SIGNATURE:

REVISIONS:

NO.	DATE	TITLE

ISSUE TITLE AND DATE:

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09/25/2026

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KEY PLAN

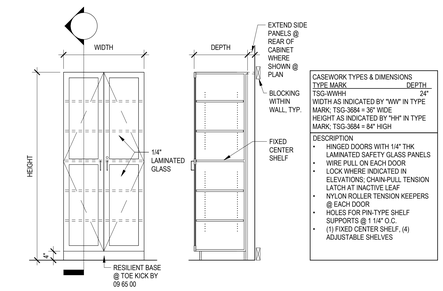
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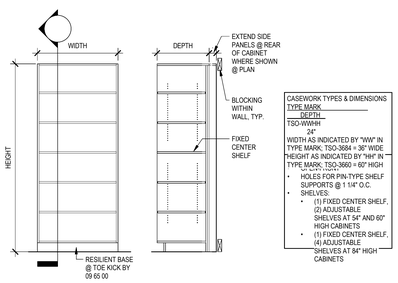
CASEWORK SCHEDULE

SHEET NUMBER:

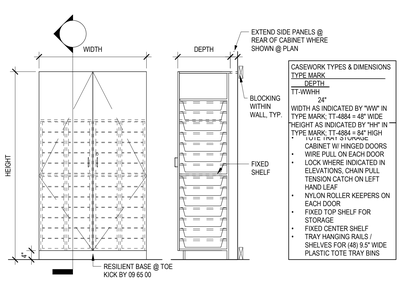
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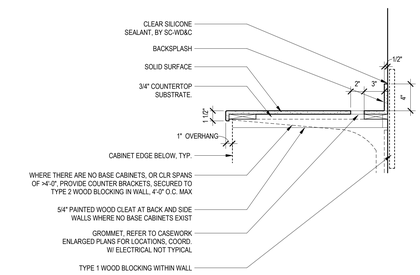
TSG - TALL STORAGE CABINET w/ DOUBLE GLASS DOOR
1/2" = 1'-0"



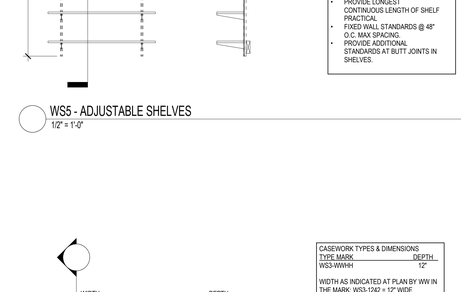
TSO - TALL STORAGE OPEN SHELVES
1/2" = 1'-0"



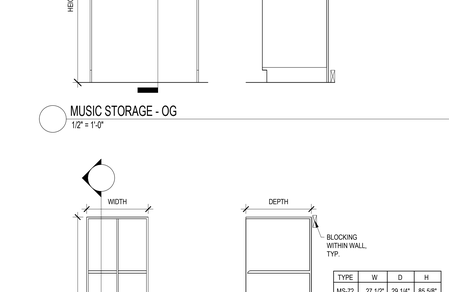
TT - TALL TOTE STORAGE WIDE DOUBLE DOOR
1/2" = 1'-0"



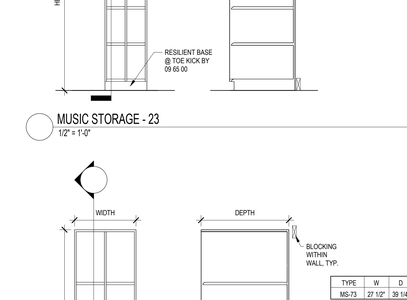
T10 MILLWORK DETAIL - TYPICAL SOLID SURFACE COUNTERTOP
1 1/2" = 1'-0"



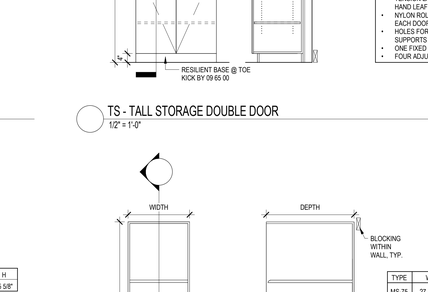
TW - TEACHER WARDROBE UNIT SINGLE
1/2" = 1'-0"



TBO - TALL BOOK STORAGE OPEN SHELVES
1/2" = 1'-0"



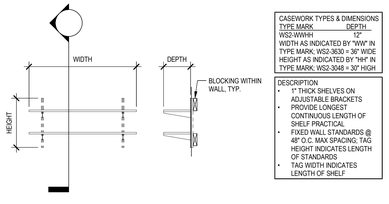
TT - TALL TOTE STORAGE SINGLE DOOR - TOTE TRAY CABINET
1/2" = 1'-0"



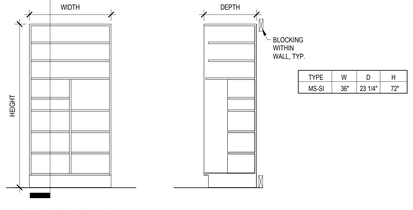
P10 MILLWORK DETAIL - TYPICAL PLAM COUNTER
1 1/2" = 1'-0"

CASEWORK GENERAL NOTES

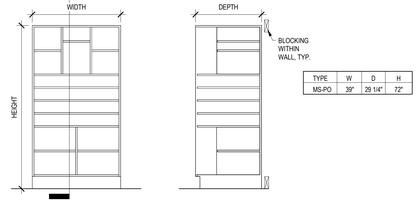
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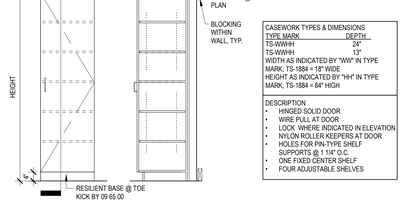
WS2 - ADJUSTABLE SHELVES
1/2" = 1'-0"



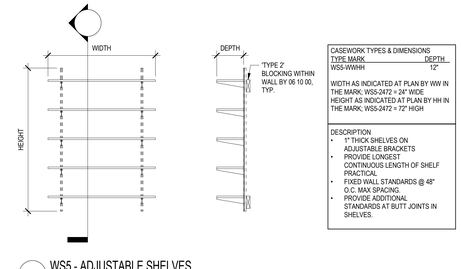
MUSIC STORAGE - SI
1/2" = 1'-0"



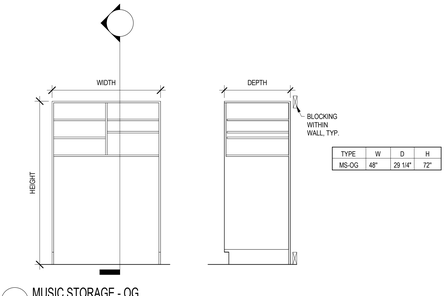
MUSIC STORAGE - PO
1/2" = 1'-0"



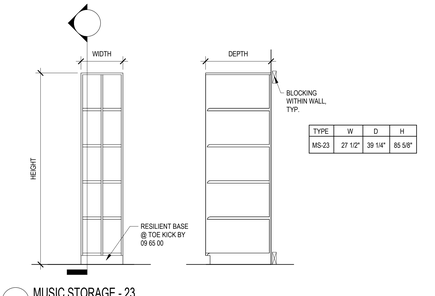
TS - TALL STORAGE SINGLE DOOR
1/2" = 1'-0"



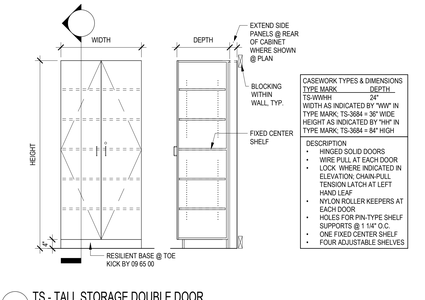
WS5 - ADJUSTABLE SHELVES
1/2" = 1'-0"



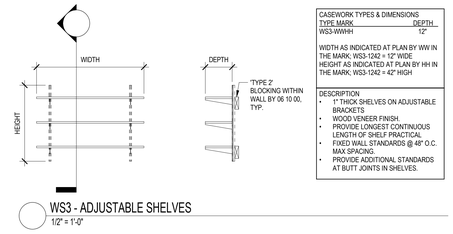
MUSIC STORAGE - OG
1/2" = 1'-0"



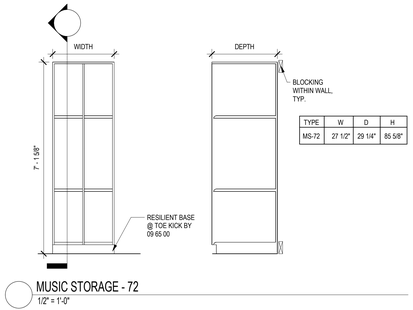
MUSIC STORAGE - 23
1/2" = 1'-0"



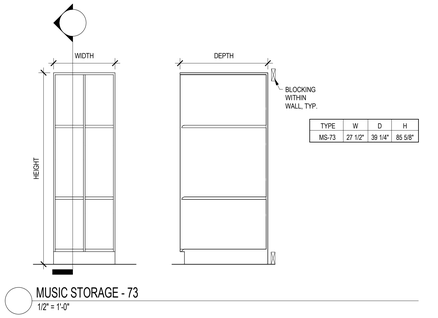
TS - TALL STORAGE DOUBLE DOOR
1/2" = 1'-0"



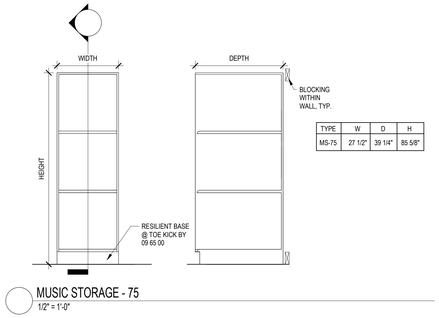
WS3 - ADJUSTABLE SHELVES
1/2" = 1'-0"



MUSIC STORAGE - 72
1/2" = 1'-0"



MUSIC STORAGE - 73
1/2" = 1'-0"



MUSIC STORAGE - 75
1/2" = 1'-0"

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KEY PLAN

ORIENTATION AND SCALE:

SHEET TITLE:
CASEWORK SCHEDULE

SHEET NUMBER:
A10.91