

MODERNIZATION  
LAKEWOOD ELEMENTARY  
1100 N. HAM LANE  
LODI, CA 95242

ABBREVIATIONS

& L @ ∅ ⊥ # %	And Angle At Centerline Diameter Perpendicular Pound or Number Plate	E. (E)EXST. EA. E.J. EL. ELEC. EMER. ENCL. EQ. EQPT. E.W.C. EXP. EXT.	East Existing Each Expansion Joint Elevation Electrical Emergency Enclosure Equal Equipment Electric Water Cooler Expansion Exterior	K.P. KIT.	Kickplate Kitchen	S. S.D.	South Soap Dispenser
A.C. A.D. ADJ. A.F.F. AGGR. ALUM./AL. ARCH. ASPH. AUTO. A.V.	Asphalt Concrete Acoustical Area Drain Adjustable Above Finished Floor Aggregate Aluminum Architectural Asphalt Automatic Auto Visual	F.A. F.B. F.D. FDN. F.E. F.F.E. F.H.M.B. F.H.M.S. FIN. FL. F.L. FLASHG F.O.C. F.O.F. F.O.S. F.R.P. F.S. FT. FTG. FURR. FUT.	Fire Alarm Fiberboard Floor Drain Foundation Fire Extinguisher Finish Floor Elevation Flat Head Machine Bolt Flat Head Machine Screw Finish Floor Fusible Link Flashing Face of Concrete/Curb Face of Finish Face of Studs Fiberglass Reinforced Plastic Full Size Foot/Foot Footing Furring Future	(N) N. N.I.C. NO./# NOM. N.T.S.	New North Not in Contract Number Nominal Not to Scale	T. TB. T.B. T.&G. TEL. THK. THRES. THRU. T.O.C. T.O.P. T.O.W. T.P.D. TYP.	Toilet Tackboard Towel Bar Tongue & Groove Telephone Thick Threshold Through Top of Curb Top of Pavement Top of Wall Toilet Paper Dispenser Typical
B BD. BLDG. BLK. BLKG. BM. BOT. B.S.	Bolt Board Building Block Blocking Beam Bottom Both Sides	GA. GALV. G.B. GL. GND. GR. GYP. G.I. G.S.M. GYP. GYP.BD. HOR. HDWD. HDW. HOR. H.B. HR. HGT.	Gauge Galvanized Grab Bar Glass/Glazing Ground Grade Gypsum Galvanized Iron Galvanized Sheet Metal Gypsum Board Header Hardwood Hardware Horizontal Hose Bib Hour (Fire Rating) Height	PRCST. PERF. P.LAM. PLAS. PLYWD. P.M. P.M.F. PR. P.O.T. PRE-FAB PROJ. P.T.D. P.T.D./R. PTN. P.T.R.	Precast Perforated Plastic Laminate Plaster Plywood Pressed Metal Pressed Metal Frame Pair Path of Travel Prefabricated Project Paper Towel Dispenser Paper Towel Dispenser Receptacle Partition Paper Towel Receptacle	W. W.C. WD. W.H. WID. WSCOT. W.W.M. WDW. WT.	West W/ With Water Closet Wood Water Heater Without Wainscot Welded Wire Mesh Window Weight
d D.G. DBL. DET. D.F. D.I. DIA. DIM. DIM.PT. DN. DP. D.P. DR. D.S. DWG.	Pennyweight (Nails) Disabled Accessible Double Detail Drinking Fountain Drain Inlet Diameter Dimension Dimension Point Down Deep Damp Proofing Door Downspout Drawing	I.D. IN. INFO. INSUL. INT. JAN. JST. JT.	Inside Diameter Inch Information Insulation Interior Janitor Joist Joint	R. RAD. R.B. R.D. R.E. REFR. REINF. REQ. RET. RM. R.O. RWD. R.W.L. R.H.W.S.	Riser Radius Rubber Base Roof Drain Rim Elevation Refrigerator Reinforced Required Return Room Room Opening Redwood Rain Water Leader Round Head Wood Screw	YD.	Yard

MATERIAL LEGEND

	EARTH		WOOD TRIM
	GRAVEL/AGGREGATE BASE		STEEL
	SAND OR PLASTER		TILE
	CONCRETE		BATT INSULATION
	BLOCKING		BRICK
	FRAMING (CONTINUOUS)		GYPSUM BOARD
	PLYWOOD		FIRTEX

APPLICABLE CODES

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS  
TITLE 24 CCR, PART 1 - 2022 BUILDING STANDARDS ADMINISTRATIVE CODE  
TITLE 24 CCR, PART 2 - 2019 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC)  
TITLE 24 CCR, PART 3 - 2019 CALIFORNIA ELECTRICAL CODE (CEC)  
TITLE 24 CCR, PART 4 - 2019 CALIFORNIA MECHANICAL CODE (CMC)  
TITLE 24 CCR, PART 5 - 2019 CALIFORNIA PLUMBING CODE (CPC)  
TITLE 24 CCR, PART 6 - 2019 CALIFORNIA ENERGY CODE (CEC)  
TITLE 24 CCR, PART 9 - 2019 CALIFORNIA FIRE CODE (CFC)  
TITLE 24 CCR, PART 11 - 2019 CALIFORNIA GREEN BUILDING STDS CODE  
TITLE 24 CCR, PART 12 - 2019 CALIFORNIA REFERENCED STANDARDS  
2016 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)  
2016 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS  
2017 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS  
2017 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS  
2016 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION  
2016 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS  
2016 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED)  
2016 NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVE  
2015 NFPA 720, INSTALLATION OF CARBON MONOXIDE DETECTION AND WARNING EQUIPMENT  
2015 NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS

CONTRACTOR SHALL KEEP A COPY OF TITLE 24, PARTS 1-5 ON THE SITE AT ALL TIMES.  
TITLE 24, PART 1, SECTION 4.317(c):

"THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS A CONSTRUCTION CHANGE DOCUMENT, OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH REPAIR WORK."

NOTES:

- ALL NEW WORK SHALL CONFORM TO THE 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS.
- CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN APPROVED SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4-338, PART 1, CAC, AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. ALL CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATIONS IA A-6. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24, AND NO WORK SHALL COMMENCE UNTIL APPROVED BY DSA.
- A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-343, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- A DSA CERTIFIED INSPECTOR WITH CLASS 3 IS REQUIRED FOR THIS PROJECT (IR A-7)
- AN LEA TESTING LABORATORY DIRECTLY EMPLOYED BY THE OWNER SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- GRADING PLANS, DRAINAGE IMPROVEMENT, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- ADDENDA SHALL BE APPROVED BY DSA.

LIMITED PROJECT  
SCOPE DESCRIPTION

1. GENERALLY, THE CURRENT PROJECT SCOPE WILL INCLUDE ALL SITEWORK OUTSIDE THE BUILDINGS AS SHOWN ON THE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SITE PLANS. IN ADDITION ALL WORK SHOWN ON THE CIVIL AND LANDSCAPE PLANS IS A PART OF THE CURRENT PROJECT SCOPE.

2. IN ADDITION, ANY BUILDING IMPROVEMENTS THAT ARE REQUIRED IN ORDER TO COMPLETE THE SITEWORK SCOPE, WILL BE A PART OF THE CURRENT PROJECT SCOPE. THESE BUILDING IMPROVEMENTS THAT ARE NECESSARY TO COMPLETE THE SITEWORK INCLUDE MODIFICATIONS TO EXTERIOR DOORS. THESE MODIFICATIONS ARE NECESSARY TO ACCOMMODATE THE NEW CONCRETE WALKWAY ELEVATIONS. GENERALLY, THESE DOOR MODIFICATIONS INCLUDE THE REMOVAL OF EXTERIOR DOORS, REMOVING ANY THRESHOLD, REMOVING ANY DOOR BOTTOM, UNDERCUTTING THE DOOR IN ORDER TO RAISE THE DOOR TO ABOVE THE NEW WALKWAY ELEVATION, INSTALLING A NEW DOOR BOTTOM AND RE-INSTALLING THE DOOR. SEE THE BUILDING FLOOR PLANS AND DOOR SCHEDULE FOR THE DOORS THAT ARE AFFECTED AND ARE A PART OF THE CURRENT PROJECT SCOPE.

SYMBOL LEGEND

<b>SHEET NUMBERING SYSTEM</b>  <b>A2.6.A</b> — Building Designation	<b>STRUCTURAL GRID INDICATOR</b> (Center of Framing) <b>A</b>
<b>ROOM NAME AND NUMBER REFERENCE</b> <b>WOMEN</b> — Room Name <b>A103</b> — Room Number Building Unit	<b>STRUCTURAL GRID INDICATOR</b> (Face of Framing) <b>3</b>
<b>KEYNOTE REFERENCE</b> <b>2200.A7.05</b>	<b>MATCH LINE</b> -----
<b>SHEET NOTE REFERENCE</b> <b>SN.01</b>	<b>CENTERLINE</b> -----
<b>DETAIL REFERENCE</b>  Detail Number Sheet Number	<b>PROPERTY LINE</b> -----
<b>BUILDING SECTION REFERENCE</b>  Section Number Sheet Number	<b>WORK POINT, CONTROL POINT OR DATUM</b> 
<b>STOREFRONT, WINDOW OR LOUVER REFERENCE</b>  Section Number Sheet Number	<b>INTERIOR ELEVATION REFERENCE</b>  INTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
<b>DOOR REFERENCE</b> <b>A101</b>	<b>WINDOW (PLAN VIEW)</b>  REVISION Revision Number Radius $R=92'-4" (1)$ Radius Dimension
<b>CEILING TYPE REFERENCE</b> <b>C2</b>	<b>CASEWORK REFERENCE</b> <b>MS1</b>
<b>WALL TYPE REFERENCE</b> <b>C2</b>	<b>METAL SHELVING REFERENCE</b> <b>MS1</b>
<b>EXTERIOR FINISH REFERENCE</b> <b>A</b>	<b>LABORATORY CASEWORK REFERENCE</b> <b>MS1</b>
<b>PAINT COLOR REFERENCE</b> <b>PC1</b> (Inhibited to provide color selection)	<b>MUSIC CASEWORK REFERENCE</b> <b>MS1</b>
	<b>ACOUSTICAL PANEL REFERENCE</b> <b>AP1</b>
	<b>SIGN REFERENCE</b> <b>S2</b>

PROJECT TEAM

OWNER

LODI UNIFIED SCHOOL DISTRICT  
1305 E. VINE STREET  
LODI, CA 95240  
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EMAIL: [jpatty@lodiusd.net](mailto:jpatty@lodiusd.net)

ARCHITECT

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STRUCTURAL

RW ENGINEERS  
1450 HARBOR BLVD, SUITE F  
WEST SACRAMENTO, CA 95691  
CONTACT: GREG RICHARDS  
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MECHANICAL

CAPITAL ENGINEERING CONSULTANTS, INC.  
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RANCHO CORDOVA, CA 95670  
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CONTACT: SNIHSA GLUSIC  
PHONE: (916) 923-4400  
EMAIL: [SGlusic@mneilsengineering.com](mailto:SGlusic@mneilsengineering.com)

CIVIL

WARREN CONSULTING ENGINEERS, INC.  
1117 WINDFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762  
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PHONE: (916) 985-1870  
EMAIL: [marty@wceinc.com](mailto:marty@wceinc.com)

LANDSCAPE

MTW GROUP  
2707 K STREET, SUITE 201  
SACRAMENTO, CA 95816  
CONTACT: BRYAN WALKER  
PHONE: (916) 369-3990  
EMAIL: [bryan@mtwgroup.com](mailto:bryan@mtwgroup.com)

PROJECT DESCRIPTION

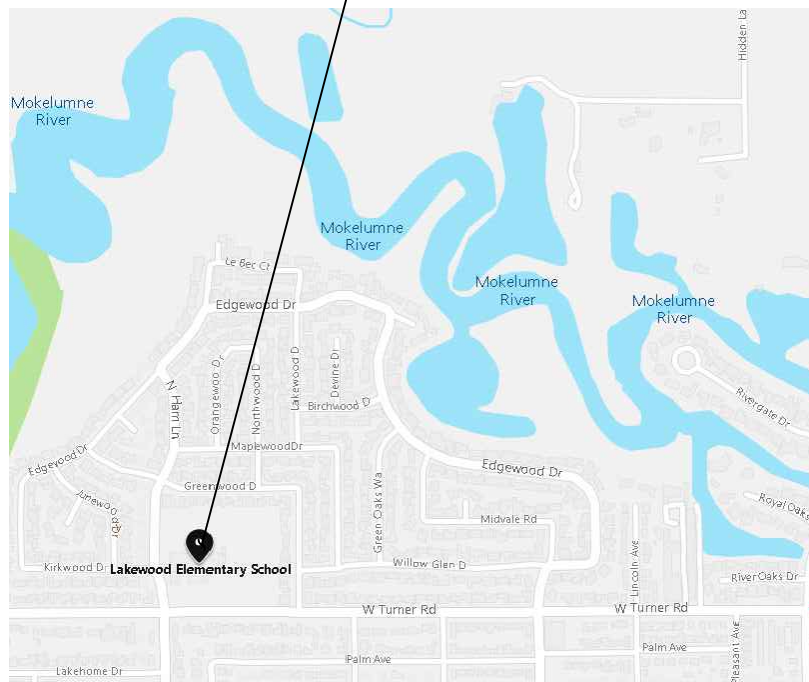
- ~~PAINING OF CLASSROOMS & REPLACEMENT OF FLOORING AT BUILDING A, B, C, D AND E.~~
- ~~MODERNIZATION OF TOILET ROOMS AT BUILDINGS A, B, C, AND E.~~
- D.A. PATH OF TRAVEL WALKWAY REPLACEMENT THROUGHOUT CAMPUS.
- RECONFIGURATION AND EXPANSION OF EXISTING PARKING LOT.
- OVERLAY, SEALING AND RESTRIPING OF HARDCOURTS.
- CONSTRUCTION OF NEW BUS TURNOUT/DROP-OFF.

DEFERRED APPROVALS

- (NONE)

VICINITY MAP

LAKEWOOD ELEMENTARY SCHOOL  
1100 N. HAM LANE, LODI, CA 95242  
PROJECT LOCATION



SHEET INDEX

CS COVER SHEET

ARCHITECTURAL

A0.1	TYPICAL DETAILS
A0.2	TYPICAL DETAILS
A1.1.0	FIRE AUTHORITY APPROVAL SITE PLAN
A1.1.1	CODE ANALYSIS SITE PLAN
A1.1.2	SITE PLAN
A1.2.1	ENLARGED SITE PLANS
A1.3.1	TYPICAL SITE DETAILS
A1.3.2	TYPICAL SITE DETAILS
A2.1A	DEMOLITION & FLOOR PLANS - BUILDING A
A2.2A	ENLARGED TOILET PLANS, INT. ELEVATIONS, REFLECTED CEILING PLAN - BUILDING A
A2.1B	DEMOLITION & FLOOR PLANS - BUILDING B
A2.2B	ENLARGED TOILET PLANS, INT. ELEVATIONS, REFLECTED CEILING PLAN - BUILDING B
A2.1C	DEMOLITION & FLOOR PLANS - BUILDING C
A2.2C	ENLARGED TOILET PLANS, INT. ELEVATIONS, REFLECTED CEILING PLAN - BUILDING C
A2.1D	DEMOLITION FLOOR PLAN - BUILDING D
A2.2D	FLOOR PLAN - BUILDING D
A2.3D	REFLECTED CEILING PLAN - BUILDING D
A2.1E	DEMOLITION & FLOOR PLANS - BUILDING E
A2.2E	ENLARGED TOILET PLANS, INT. ELEVATIONS & REFLECTED CEILING PLAN - BUILDING E
A3.1.1	DOOR SCHEDULE & DETAILS
A3.1.2	MATERIAL & FINISH SCHEDULE
A3.1.3	CASEWORK SCHEDULE
A5.1A	INTERIOR ELEVATIONS - BUILDING A
A5.1B	INTERIOR ELEVATIONS - BUILDING B
A5.1C	INTERIOR ELEVATIONS - BUILDING C
A5.1D	INTERIOR ELEVATIONS - BUILDING D
A5.1E	INTERIOR ELEVATIONS - BUILDING E

STRUCTURAL

S0.1	GENERAL NOTES
S0.2	GENERAL NOTES & TYPICAL DETAILS
S2.1	STRUCTURAL BUILDING PLANS
S2.1E	PARTIAL PLANS - BUILDING E
S2.2	TRASH ENCLOSURE PLANS & DETAILS
S4.1	DETAILS

MECHANICAL

M0.1	MECHANICAL - LEGEND, SCHEDULE AND NOTES
M0.2	MECHANICAL - EQUIPMENT SCHEDULES
M1.1	MECHANICAL - OVERALL DEMOLITION AND NEW SITE
M2.1A	MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING A
M2.1B	MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING B
M2.1C	MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING C
M2.1D	MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING D
M2.1E	MECHANICAL - DEMOLITION & FLOOR PLANS - BUILDING E
M5.1	MECHANICAL - DETAILS
M6.1	MECHANICAL - CONTROLS
M6.2	MECHANICAL - CONTROLS

PLUMBING

P0.1	PLUMBING - LEGEND, SCHEDULES & NOTES
P0.2	PLUMBING - FIXTURE SCHEDULE
P1.1	PLUMBING - OVERALL DEMOLITION AND NEW SITE
P2.1A	PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING A
P2.1B	PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING B
P2.1C	PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING C
P2.1E	PLUMBING - DEMOLITION & FLOOR PLANS - BUILDING E
P5.1	PLUMBING - DETAILS

ELECTRICAL

E0.1	ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS AND NOTES
E1.1	SITE PLAN - ELECTRICAL
E2.1A	FLOOR PLANS - LIGHTING - BUILDING A
E2.2A	FLOOR PLANS - ELECTRICAL - BUILDING A
E2.1B	FLOOR PLANS - LIGHTING - BUILDING B
E2.2B	FLOOR PLANS - ELECTRICAL - BUILDING B
E2.1C	FLOOR PLANS - LIGHTING - BUILDING C
E2.2C	FLOOR PLANS - ELECTRICAL - BUILDING C
E2.1D	FLOOR PLANS - ELECTRICAL - BUILDING D
E2.1E	FLOOR PLANS - ELECTRICAL - BUILDING E
E3.1	PARTIAL ONE-LINE POWER DIAGRAMS
E3.2	PANEL SCHEDULES
E4.1	ELECTRICAL DETAILS

CIVIL

C0.1	CIVIL COVER SHEET
C0.2	PARTIAL TOPOGRAPHIC SURVEY
C0.3	PARTIAL TOPOGRAPHIC SURVEY
C1.1	PARTIAL DEMOLITION PLAN
C1.2	PARTIAL DEMOLITION PLAN
C2.1	PARTIAL GRADING PLAN
C2.2	PARTIAL GRADING PLAN
C3.1	PARTIAL UTILITY PLAN
C3.2	PARTIAL UTILITY PLAN
C4.1	PARTIAL PAVING PLAN
C4.2	PARTIAL PAVING PLAN
C4.3	STRIPING AND SIGNAGE PLAN
C4.4	STRIPING AND SIGNAGE PLAN AND DETAILS
C5.1	DETAILS
C5.2	DETAILS AND SECTIONS
C6.1	EROSION CONTROL PLAN
C-1	COVER SHEET - FRONTAGE IMPROVEMENTS
C-2	GENERAL NOTES - FRONTAGE IMPROVEMENTS
C-3	IMPROVEMENT PLAN - FRONTAGE IMPROVEMENTS

LANDSCAPE

L0.1	TREE SHADING PLAN
L0.2	TREE SHADING PLAN
L1.1	TREE PLANTING PLAN
L1.2	TREE PLANTING PLAN
L2.1	SHRUB PLANTING PLAN
L2.2	SHRUB PLANTING PLAN
L3.1	LANDSCAPE IRRIGATION PLAN
L3.2	LANDSCAPE IRRIGATION PLAN
L4.1	LANDSCAPE PLANTING DETAILS
L4.2	LANDSCAPE IRRIGATION DETAILS
L5.1	WATER EFFICIENCY CHARTS

■ DRAWING SET CONTAINS 96 SHEETS ■

DRAWING SET VOLUME 1 OF 2

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

HENRY+  
ASSOCIATES  
ARCHITECTS

STEPHEN HENRY  
C-25255  
12/31/23  
RENEWAL  
DATE  
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
N.T.S.		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

CS





6 SYMBOL OF ACCESSIBILITY

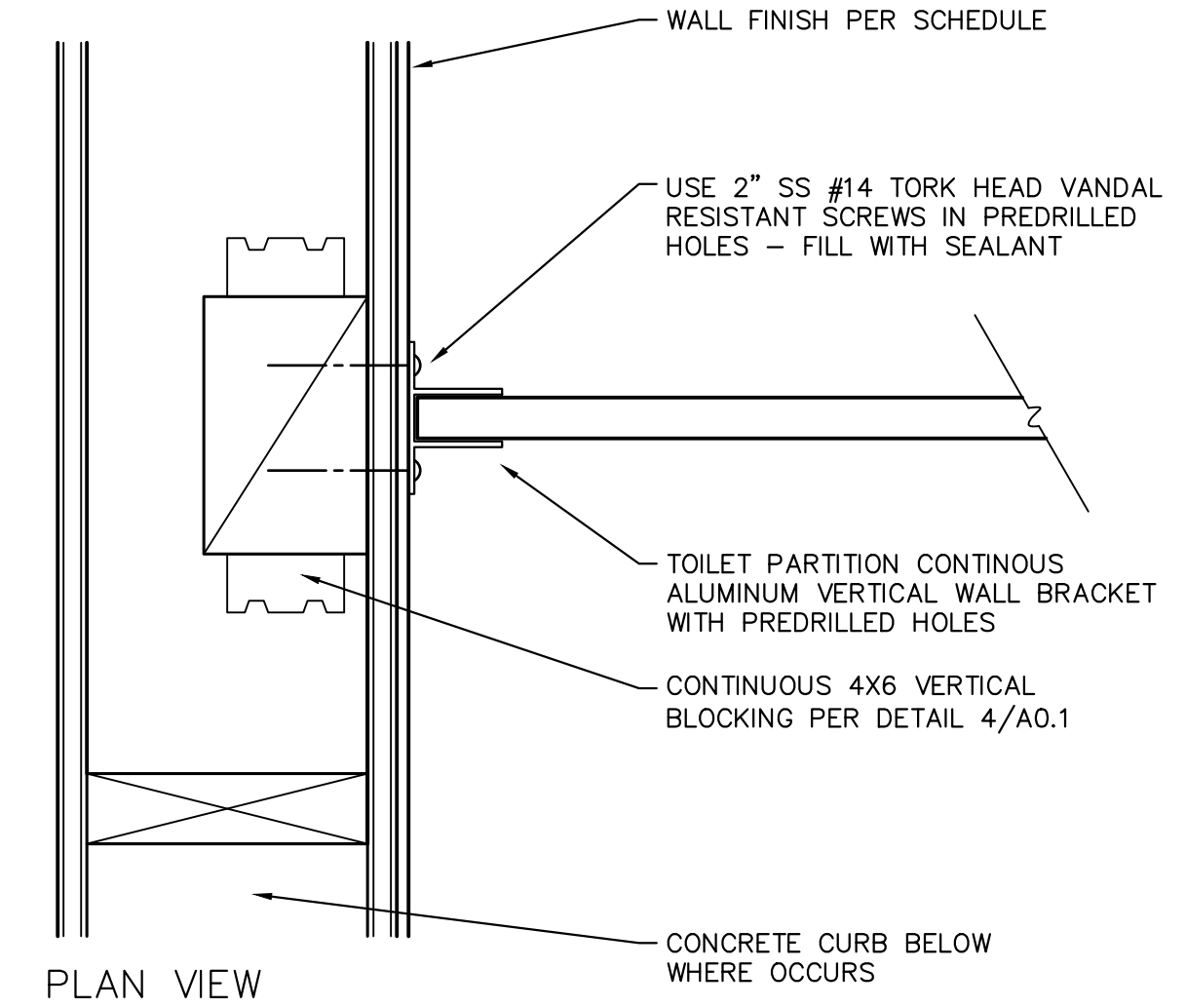


CONSULTANT

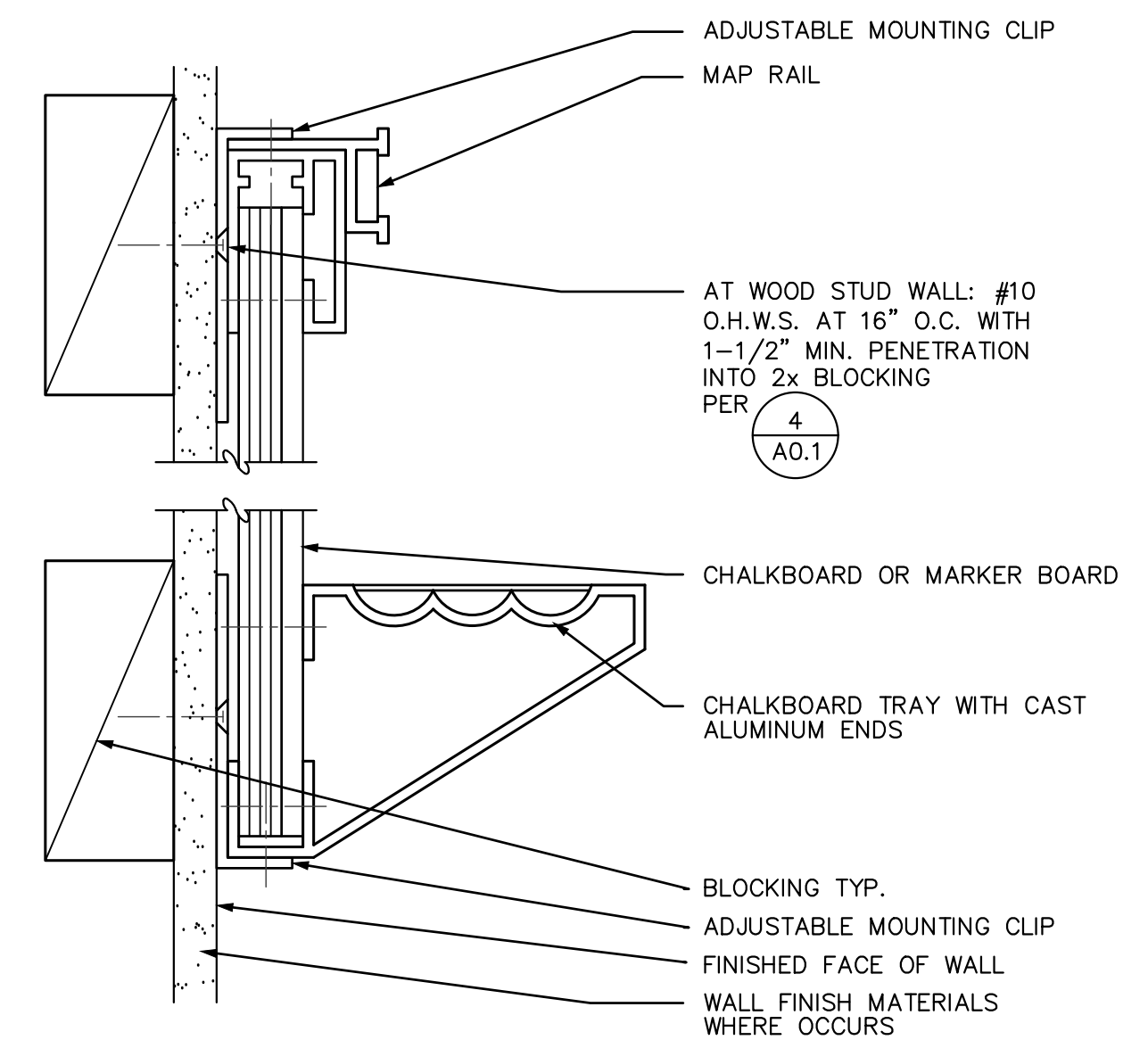
PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		
SHEET NO.		

# A0.1

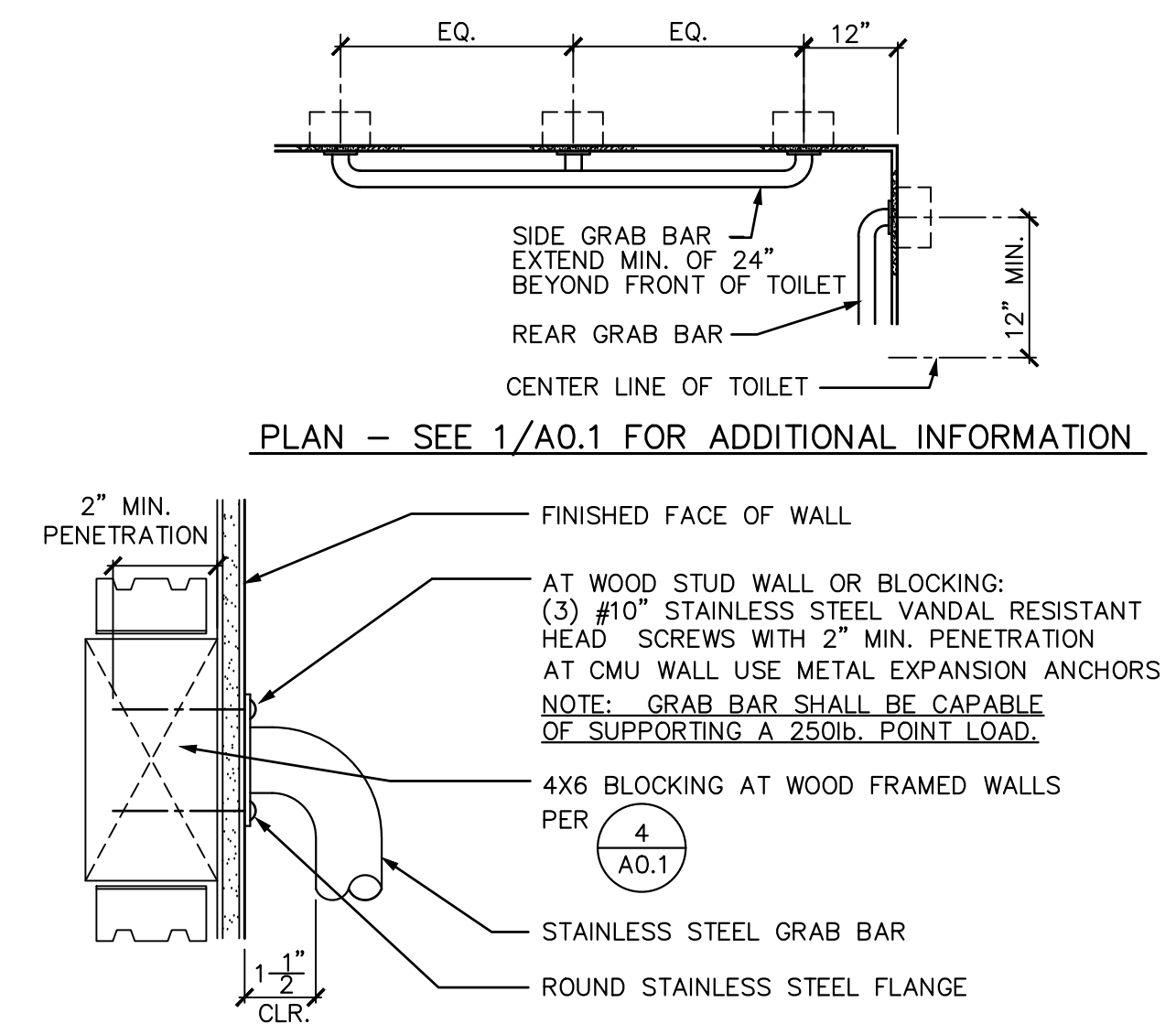




## TOILET PARTITION MOUNTING @ WALL



## MARKER BOARD



## TOILET GRAB BAR





FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner:	LODI UNIFIED SCHOOL DISTRICT
Project Name/School:	MODERNIZATION LAKEWOOD ES / LAKEWOOD ELEMENTARY SCHOOL
Project Address:	1100 N. HAM LANE, LODI, CA 95242

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Refer to the following website for FHSZ locations: <a href="http://gis.fire.ca.gov/FHSZ/">http://gis.fire.ca.gov/FHSZ/</a>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)			WIFA <input type="checkbox"/>

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.				
4a.	Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	X			
5.	Fire Hydrants: Number and spacing does not meet CFC requirements.				X
5a.	Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	X			
6.	Fire Hydrants: Water flow and pressure are less than CFC minimum.			X	
6a.	Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			X	
7a.	Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates  
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Leonard Kuhn Title: CBO  
Signature: \_\_\_\_\_ Date: 12/8/2022

LOCAL FIRE AUTHORITY (LFA) INFORMATION

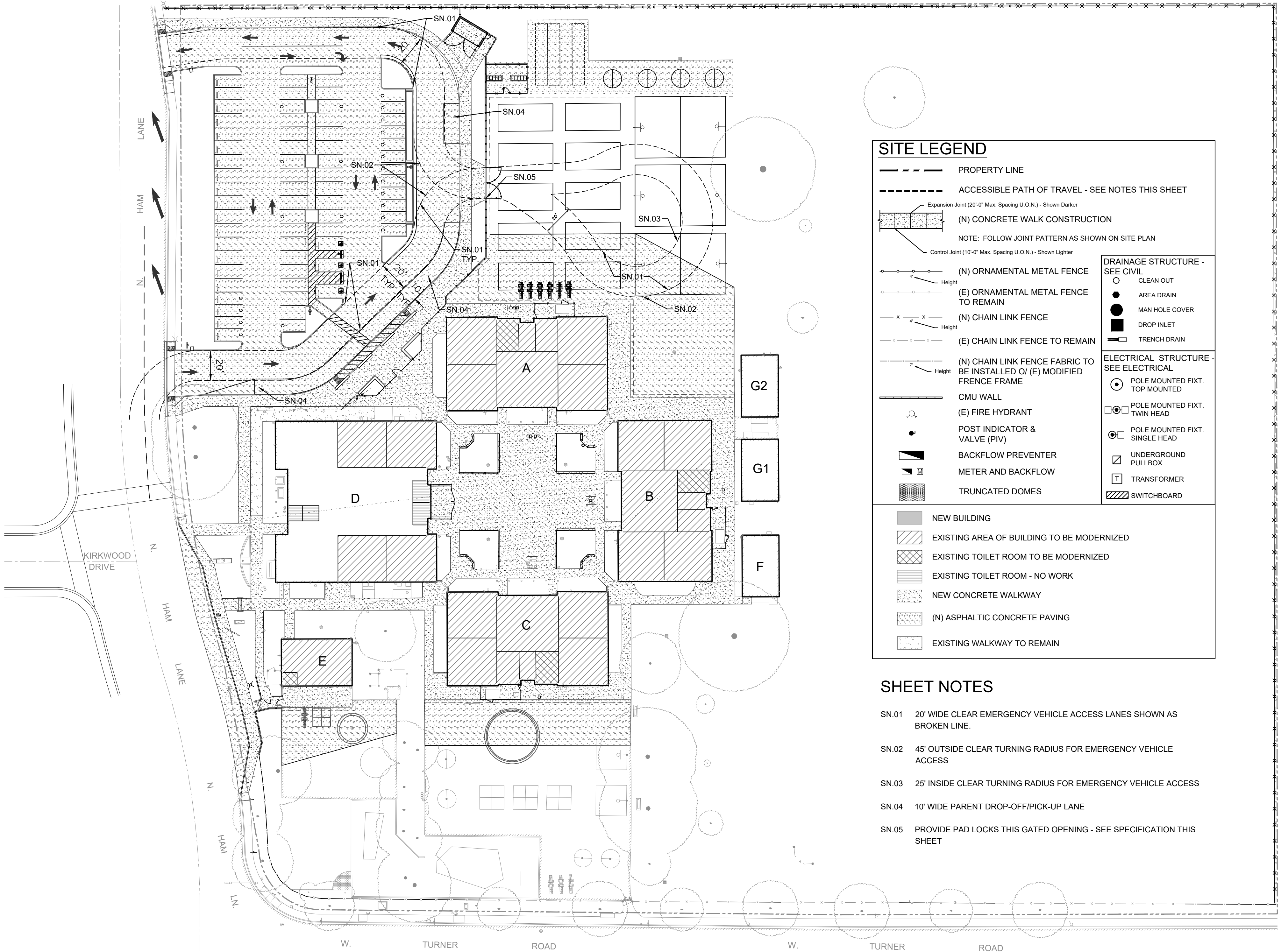
LFA Agency Name:	CITY OF LODI FIRE DEPARTMENT		
LFA Review Official:	BRAD DOELL		
Title:	BATTALION CHIEF / FIRE MARSHALL	Work Phone:	209-333-6739
Work Email:	bdoell@lodi.gov		
LFA Reviewer's Signature:	<u>Brad Doell</u>	Date:	12/7/22

LFA STATEMENT OF ALTERNATE MEANS

THE FOLLOWING ALTERNATE MEANS ARE ACCEPTABLE TO THE CITY OF LODI FIRE DEPARTMENT (LFA) AS A WAY TO MITIGATE THE DISTANCES IN EXCESS OF 150' FROM THE HARDCOURT EMERGENCY VEHICLE ACCESS STAGING LOCATION TO BUILDING B, BUILDING C AND BUILDING E:

1. THE LFA CARRIES IN EXCESS OF 1,000 LF OF FIRE HOSE ON THEIR TRUCKS AND IS TRAINED AND PREPARED TO COUPLE AND EXTEND FIRE HOSE AS MAY BE NECESSARY TO REACH THE ABOVE LISTED BUILDINGS AND AS MAY BE REQUIRED TO FIGHT A FIRE.
2. FOR AN ALTERNATE EMERGENCY RESPONSE APPROACH REQUIRED BY THE LFA AT BUILDING E AND BUILDING C, THE LFA WOULD STAGE THEIR EQUIPMENT AT N. HAM LANE WEST OF BUILDING E AND ENTER THE SITE THROUGH THE MAIN GATE JUST SOUTH OF BUILDING E. THE LFA HAS THE PROPER KEY CARDS AND ACCESS KEYS TO OPEN THESE GATES.

Brad Doell, Battalion Chief / Fire Marshal  
City of Lodi Fire Department



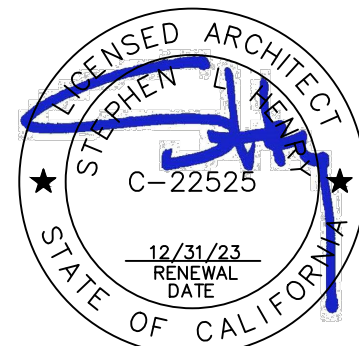
BRAD DOELL, FIRE MARSHAL-LODI FIRE DEPARTMENT REQUESTS THAT KEY BOX NOT BE INSTALLED AND ONLY KNOX PAD LOCKS AS SPECIFIED BELOW BE PROVIDED.

KEY BOX & PADLOCK SPECIFICATION  
KEY BOX: KNOX RESIDENTIAL BOX MODEL 1652-BLACK MOUNT TO 6" GATE POST WITH THRU-BOLTS AS RECOMMENDED BY MFR. VERIFY ANY SPECIAL KEYING WITH SCHOOL DISTRICT, LOCAL FIRE DEPARTMENT AND POLICE.  
PADLOCK: KNOX PADLOCK MODEL 3781. PADLOCK TO BE KEYPED PER LOCAL FIRE DEPARTMENT AND POLICE STANDARDS. PROVIDE 2.

1 FIRE AUTHORITY APPROVAL SITE PLAN  
A1.1.0 SCALE: 1" = 40'-0" 40' 80'

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Sacramento, CA 95825  
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Fax: 916.921.2212



MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

FIRE AUTHORITY APPROVAL SITE PLAN

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
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11/17/2022		
SHEET NO.		

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BUILDING DATA					
BUILDING	DSA APPLICATION NUMBER	CONSTRUCTION TYPE	OCCUPANCY TYPE	AREA (SF)	CERTIFIED
BLDG A - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG B - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG C - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG D - ADMINISTRATION/ MULTI-PURPOSE/CLASSROOMS	25287, 02-106411, 02-112790	VB, NOT SPRINKLERED	B/A-2/E	10,575	Y
BLDG E - KINDERGARTEN	23521	VB, NOT SPRINKLERED	E	1,425	Y
BLDG F - RELOCATABLE	46992	VB, NOT SPRINKLERED	E	960	Y
BLDG G1 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y
BLDG G2 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y

--- PROPERTY LINE

----- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET

Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker

(N) CONCRETE WALK CONSTRUCTION

NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN

Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter

(N) ORNAMENTAL METAL FENCE

(E) ORNAMENTAL METAL FENCE TO REMAIN

(N) CHAIN LINK FENCE

(E) CHAIN LINK FENCE TO REMAIN

(N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FENCE FRAME

CMU WALL

(E) FIRE HYDRANT

POST INDICATOR & VALVE (PIV)

BACKFLOW PREVENTER

METER AND BACKFLOW

TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL

CLEAN OUT

AREA DRAIN

MAN HOLE COVER

DROP INLET

TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL

POLE MOUNTED FIXT. TOP MOUNTED

POLE MOUNTED FIXT. TWIN HEAD

POLE MOUNTED FIXT. SINGLE HEAD

UNDERGROUND PULLBOX

TRANSFORMER

SWITCHBOARD

NEW BUILDING

EXISTING AREA OF BUILDING TO BE MODERNIZED

EXISTING TOILET ROOM TO BE MODERNIZED

EXISTING TOILET ROOM - NO WORK

NEW CONCRETE WALKWAY

(N) ASPHALTIC CONCRETE PAVING

EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01

D.A. PATH OF TRAVEL

SN.02

D.A. PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY

SN.03

D.A. STUDENT TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.04

D.A. STAFF TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.05

NEW TOW-AWAY SIGN - SEE CIVIL

SN.06

NEW 20' CLEAR EMERGENCY VEHICLE ACCESS GATES

~~SN.07~~

~~D.A. STUDENT TOILET ROOMS TO BE CONSTRUCTED BY THIS CONTRACT, DSA IDENTIFICATION NO. 02-120455~~

KEYNOTES

3200 SITEWORK  
3200.A4 (E) FIRE HYDRANT

PATH OF TRAVEL: - - - - -

Path of travel (P.O.T.) as indicated is a barrier free access without any abrupt vertical changes exceeding 1/8" at 1:2 Maximum slope, except that level changes do not exceed 1/4" vertical(11B-303 & 11B-403.4). P.O.T. is a minimum of 48" wide (11B-403.5.1Ex3) slip resistant surface with 5% max. slope and 1:48 max. cross slope(11B-403.3). Passing spaces(11B-403.5.3) of 60"x60" min. are located not more than 200' apart. Walks with continuous gradients have 60" in length of level areas (11B-403.7) not more than 400' apart. P.O.T. shall be maintained free of overhanging obstructions to 80" min(11B-307.4) and protruding objects(11B-307) greater than 4" projection from wall above 27" and less than 80". There is no drop-off over 4" at the edge of walk or landing unless identified by a guard, a handrail, or a warning curb at least 6" in height above the walk(11B-303.5).

Design Professional in General Responsible Charge Statement

The POT identified in the construction documents is compliant with current applicable California Building Code accessibility provisions for **path of travel requirements for alterations and structural repairs**. As part of the design of this project, the POT was examined and any elements, components or portion of the POT that were determined to be noncompliant 1) have been identified and 2) the corrective work necessary to bring them into compliance has been included within the scope of this project's work through details, drawings and specification incorporated into these construction documents. Any noncompliant elements, components or portion of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are so indicated in these construction documents.

During construction, if POT items within the scope of the project represented as code compliant are found to be nonconforming beyond reasonable construction tolerances, they shall be brought into compliance with the CBC as a part of this project by means of a "Construction Change Document" (form **DSA 140**).

1

A1.1.1

CODE ANALYSIS SITE PLAN

SCALE: 1" = 40'-0"

40'

80'

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

CODE ANALYSIS  
SITE PLAN

CONSULTANT

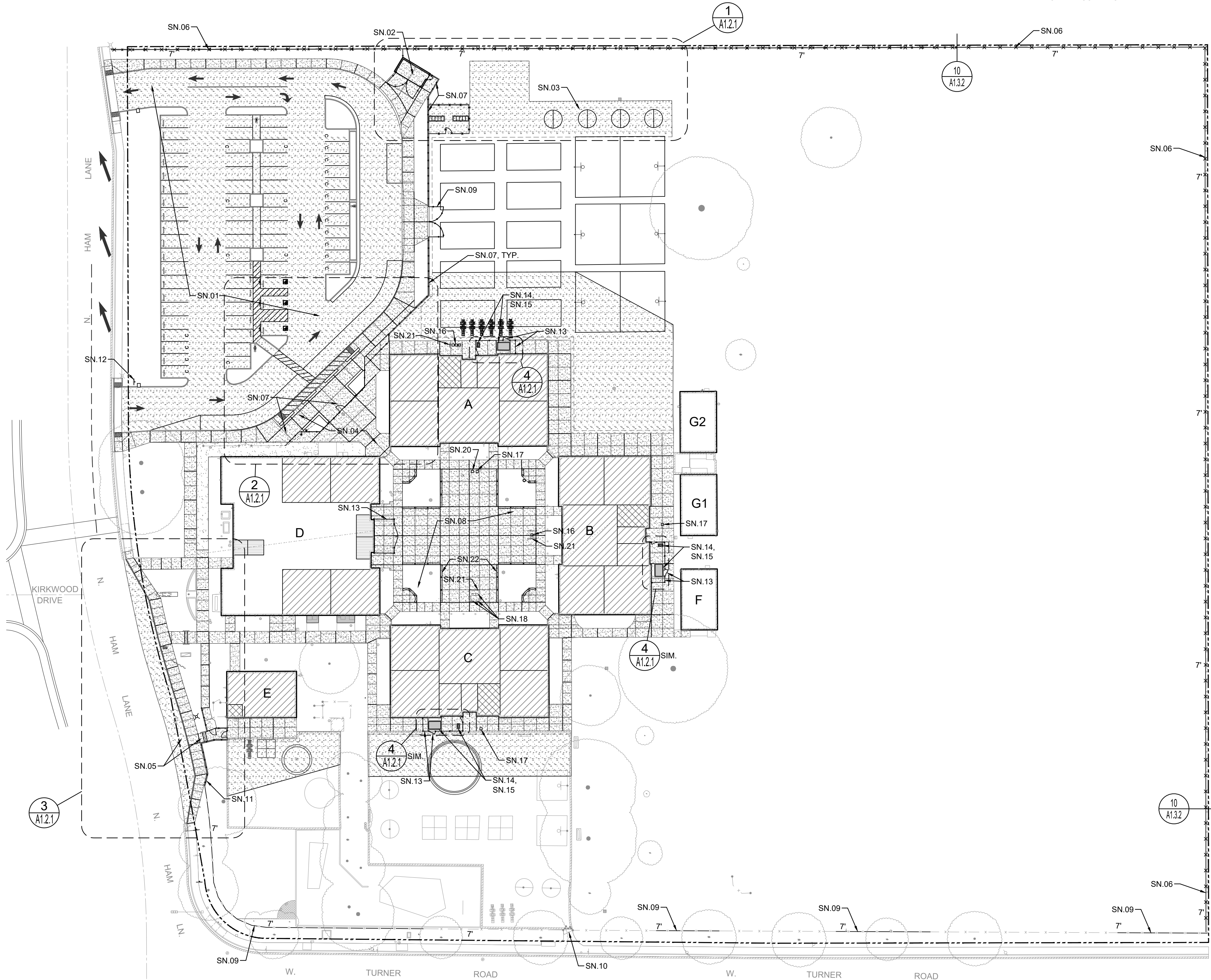
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A1.1.1



GENERAL NOTES

- SAFETY: CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE PREMISES ON WHICH THE WORK IS PERFORMER AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY ON THE SITE BOTH DURING AND OUTSIDE OF NORMAL WORKING HOURS, UNTIL SUCH WORK IS ACCEPTED BY THE OWNER.
- UNDERGROUND SERVICES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICTS AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
- USE OF BARRICADES AND SITE CONTROLS: WHEN THE WORK AREA HAS TRENCHES OR DITCHES DEEPER THAN ONE FOOT, THE CONTRACTOR SHALL PROVIDE FENCING AND BARRICADES AT SUCH TRENCHES OR DITCHES DURING THE WORK DAY. CONTRACTOR SHALL EXPEDITE THE FILLING AND COMPACTING OF SUCH TRENCHES OR DITCHES.
- QUANTITIES: MATERIAL QUANTITIES IF ANY ARE NOTED ON THESE DRAWINGS ARE NOT GUARANTEED CONTRACT QUANTITIES. CONTRACTOR IS TO PERFORM HIS OWN ESTIMATES AND QUANTITY TAKE-OFFS. CONTRACTOR IS TO PROVIDE ALL MATERIALS NECESSARY TO COMPLETE THE PROJECT, EVEN IF QUANTITIES ARE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS.
- PRE-EXISTING CONDITIONS
  - CONTRACTORS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING OBSERVABLE SITE CONDITIONS PRIOR TO SUBMITTING BID.
  - ALL ITEMS NOT SHOWN AS (E) EXISTING SHALL BE CONSIDERED NEW AND ARE PART OF THIS CONTRACT.



1 SITE PLAN  
A1.1.2

SCALE: 1" = 40'-0"



SITE LEGEND

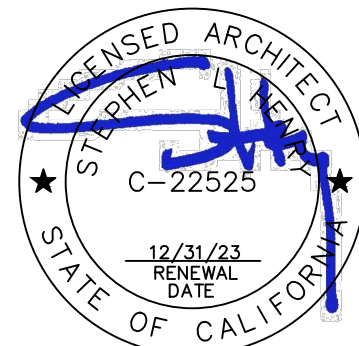
---	PROPERTY LINE
---	ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
	(N) CONCRETE WALK CONSTRUCTION
NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN	
	(N) ORNAMENTAL METAL FENCE
	(E) ORNAMENTAL METAL FENCE TO REMAIN
	(N) CHAIN LINK FENCE
	(E) CHAIN LINK FENCE TO REMAIN
	(N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FENCE FRAME
	CMU WALL
	(E) FIRE HYDRANT
	POST INDICATOR & VALVE (PIV)
	BACKFLOW PREVENTER
	METER AND BACKFLOW
	TRUNCATED DOMES
	NEW BUILDING
	EXISTING AREA OF BUILDING TO BE MODERNIZED
	EXISTING TOILET ROOM TO BE MODERNIZED
	EXISTING TOILET ROOM - NO WORK
	NEW CONCRETE WALKWAY
	(N) ASPHALTIC CONCRETE PAVING
	EXISTING WALKWAY TO REMAIN
DRAINAGE STRUCTURE - SEE CIVIL	
	CLEAN OUT
	AREA DRAIN
	MAN HOLE COVER
	DROP INLET
	TRENCH DRAIN
ELECTRICAL STRUCTURE - SEE ELECTRICAL	
	POLE MOUNTED FIXT. TOP MOUNTED
	POLE MOUNTED FIXT. TWIN HEAD
	POLE MOUNTED FIXT. SINGLE HEAD
	UNDERGROUND PULLBOX
	TRANSFORMER
	SWITCHBOARD

SHEET NOTES

- SN.01 (N) PARKING LOT, WALKWAYS AND LANDSCAPING - SEE CIVIL AND LANDSCAPE DRAWINGS
- SN.02 (N) TRASH ENCLOSURE - SEE CIVIL AND STRUCTURAL DRAWINGS
- SN.03 (N) TETHERBALL COURTS - SEE ENLARGED PLAN AND CIVIL SHEETS.
- SN.04 (N) ENTRY AREA, GATE, FENCING, BENCHES & PLANTERS - SEE CIVIL, LANDSCAPE, ELECTRICAL & ENLARGED PLAN
- SN.05 (N) CONCRETE STAIR, WALKWAYS & BUS TURNOUT - SEE CIVIL DRAWINGS
- SN.06 (N) 7" TALL SLATTED CHAIN LINK FENCE W/ 1 3/4" SQUARE X 9 GA. MESH FABRIC W/ 7/8" HDPE SLATS ALONG ENTIRE NORTH AND EAST PROPERTY LINES INSTALLED JUST INSIDE OF (E) CHAIN LINK FENCE - SEE DETAIL 10/A1.3.2.
- SN.07 SEE CIVIL FOR EXTENT OF DEMOLITION OF (E) ORNAMENTAL IRON FENCING. CONTRACTOR IS REQUIRED TO SALVAGE AND PROTECT (E) ORNAMENTAL IRON FENCE PANELS, GATES AND POSTS (IF SALVAGEABLE) AND STORE FOR REUSE. INSTALL (E) SALVAGED AND (N) ORNAMENTAL IRON FENCE COMPONENTS IN (N) LOCATION AND CONFIGURATION AS INDICATED HERE AND ON CIVIL DRAWINGS. (E) ORNAMENTAL IRON FENCING COMPONENTS THAT MAY BE SALVAGED INCLUDE APPROXIMATELY 27-WHOLE PANELS, 3-PARTIAL PANELS, 2-MAN GATE ASSEMBLIES, 1-PAIR VEHICLE GATES AND 27-LINE POSTS. THESE QUANTITIES ARE ONLY APPROXIMATE AND THE CONTRACTOR IS REQUIRED TO FIELD VERIFY EXACT QUANTITIES, CONDITIONS AND SALVAGEABLE OF THE (E) ORNAMENTAL IRON FENCE COMPONENTS.
- SN.08 (N) QUAD AREA CONCRETE WALKWAYS, PLANTERS, BENCHES-SEE CIVIL AND LANDSCAPE
- SN.09 (E) CHAIN LINK FENCE FABRIC TO BE REMOVED, POSTS TO BE INCREASED IN HEIGHT TO 7"; RAILS TO BE ADJUSTED FOR (N) FENCE HEIGHT AND (N) NO-CLIMB FENCE FABRIC TO BE INSTALLED ONTO (E) MODIFIED FENCE FRAME.
- SN.10 (E) CHAIN LINK GATES TO BE REMOVED AND REPLACED WITH SAME SIZE AS (E) GATES AND TO MATCH THE (N) MODIFIED FENCE HEIGHT. INSTALL NO-CLIMB FENCE FABRIC ON (N) GATE FRAME.
- SN.11 PROVIDE (N) FENCE POSTS AND (N) NO CLIMB FENCE FABRIC WHERE FENCE LINE AND CONFIGURATION HAVE BEEN MODIFIED TO ACCOMMODATE (E) OR (N) GRADE MOUNTED UTILITY EQUIPMENT THIS LOCATION.
- SN.12 REPLACE (E) PARKING LOT ENTRANCE SIGN W/ (N) PARKING LOT ENTRANCE SIGN - SEE CIVIL
- SN.13 (E) CHAIN LINK FENCE FABRIC AND GATES AT (E) HVAC EQUIPMENT YARD OR STORAGE YARD TO BE REMOVED AND STORED AND PROTECTED. GATE AND FENCE POSTS TO REMAIN AND PROTECTED AGAINST DAMAGE DURING DEMOLITION AND CONCRETE POUR. FOLLOWING INSTALLATION OF (N) CONCRETE WALKWAYS, ADJUST FENCE FRAME TO ACCOMMODATE (N) TOP OF WALKWAY ELEVATION AND REINSTALL THE (E) GATE AND FENCE FABRIC O/ (E) POSTS.
- SN.14 WRAP THE (E) HVAC UNITS, CONDUIT, LINE SETS AND DUCTWORK WITH HEAVY PLASTIC SHEET AND PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE. DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS. SEE CIVIL FOR EXTENT OF WALKWAY DEMOLITION AND REPLACEMENT.
- SN.15 DISCONNECT (E) DUCT SUPPORTS FROM CONCRETE WALKWAY AND DUCTS AS REQUIRED. TEMPORARILY SUPPORT DUCTS AS REQUIRED TO ALLOW FOR REMOVAL OF (E) CONCRETE WALKWAY AND INSTALLATION AND FINISHING OF (N) CONCRETE WALKWAY. ADJUST (E) DUCT SUPPORTS AS REQUIRED FOR (N) TOP OF WALKWAY ELEVATION AND FASTEN TO CONCRETE WALKWAY USING FASTENER TYPES TO MATCH (E).
- SN.16 (E) DRINKING FOUNTAIN TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL DRINKING FOUNTAIN PER MANUFACTURER'S RECOMMENDATIONS.
- SN.17 (E) ACCESSIBLE BOTTLE FILLER TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL BOTTLE FILLER PER MANUFACTURER'S RECOMMENDATIONS.
- SN.18 REMOVE TWO (E) DRINKING FOUNTAINS THIS LOCATION AND INSTALL (N) CHILD HEIGHT ACCESSIBLE, HI-LOW STYLE DRINKING FOUNTAIN. MODIFY PLUMBING SUPPLY AND WASTE LINES AS REQUIRED - SEE PLUMBING AND DETAIL 7/A0.2
- SN.19 THIS (E) DRINKING FOUNTAIN IS REQUIRED HEIGHT ACCESSIBLE WITH BUBBLER HEIGHT AT +36" ABOVE CONCRETE WALK.
- SN.20 (E) DRINKING FOUNTAIN TO BE REMOVED. CAP PLUMBING BELOW GRADE.
- SN.21 FOLLOWING REINSTALLATION OF (E) D.F. INSTALL NEW CANE RAILS PER DETAIL 6/A0.2
- SN.22 (N) 8' LONG METAL BENCH, TYPICAL OF 24 - SEE DETAIL 9/A1.3.1 FOR MOUNTING DETAIL

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

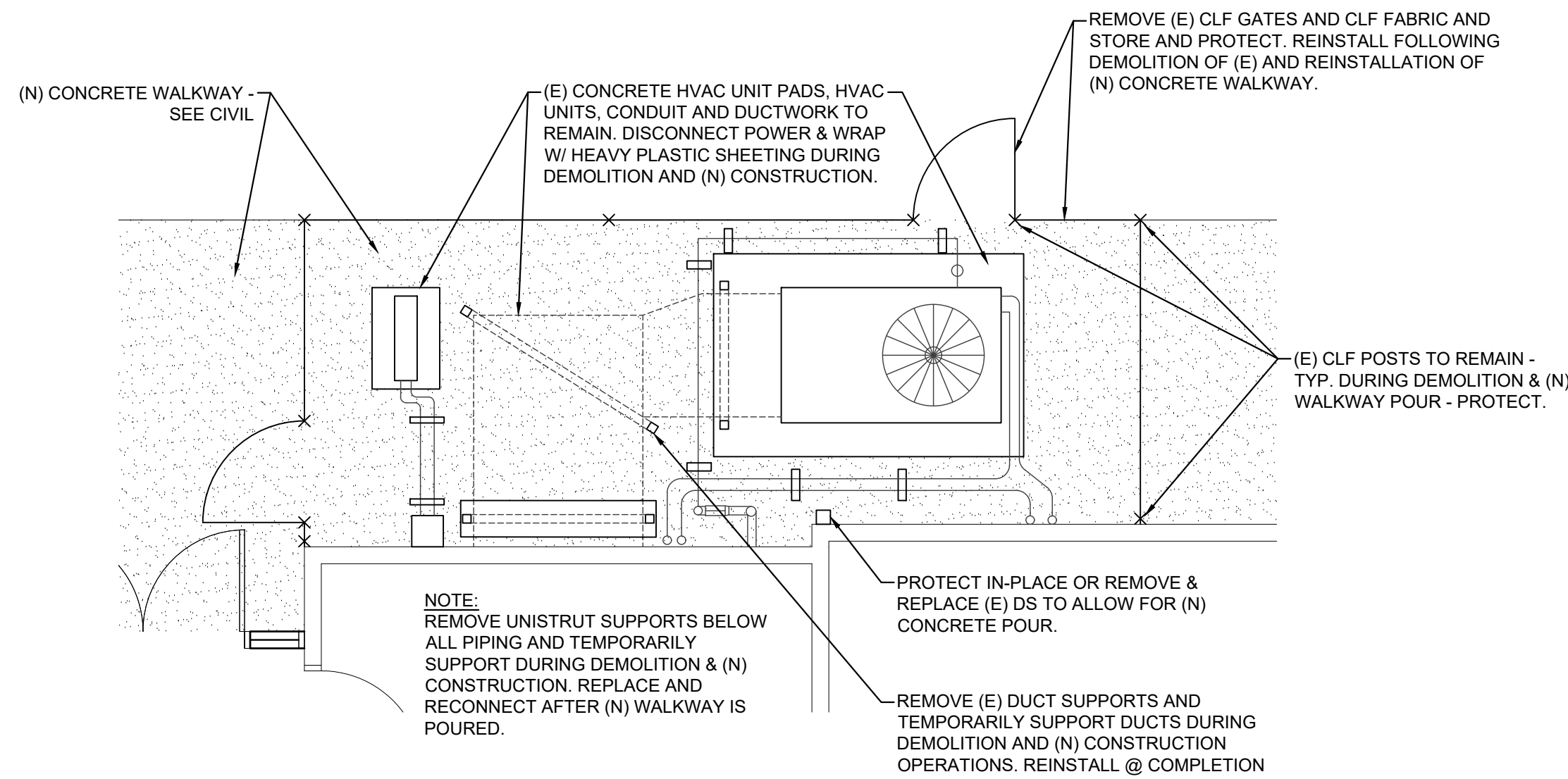
SITE PLAN

CONSULTANT

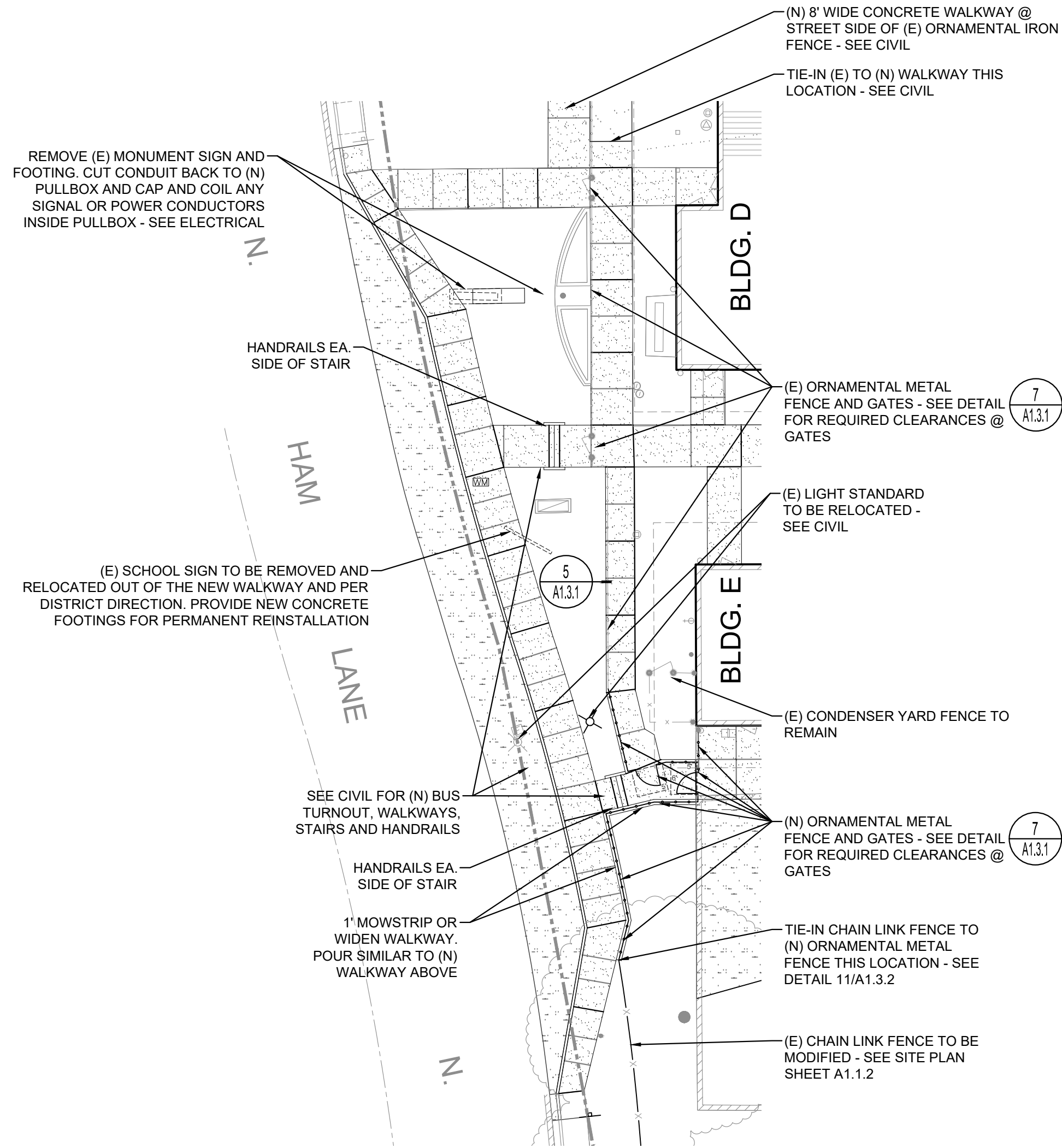
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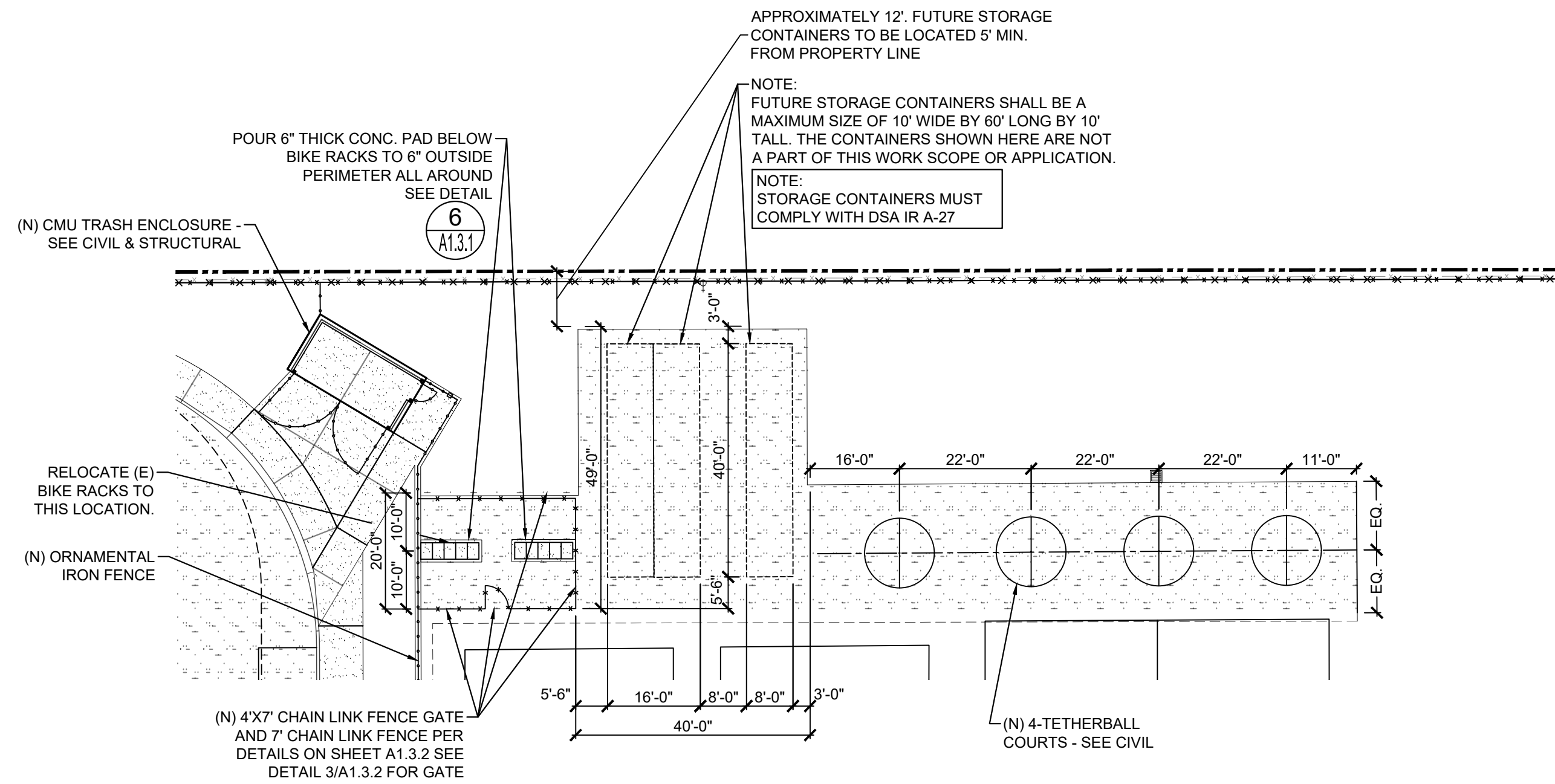




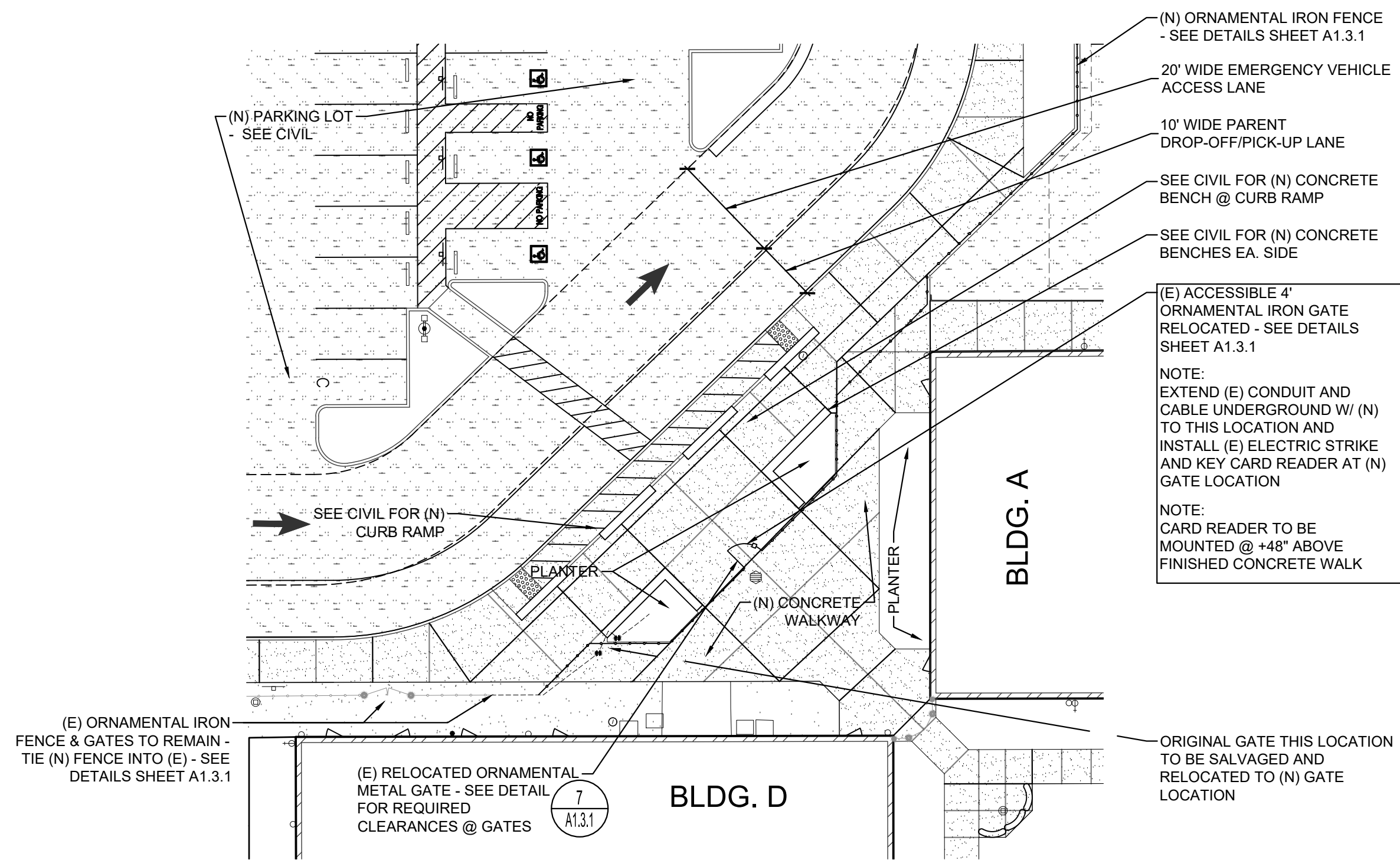
4 ENLARGED PARTIAL SITE PLAN  
SCALE: 1/4" = 1'-0" 0 2' 8' NORTH



3 ENLARGED PARTIAL SITE PLAN  
SCALE: 1" = 20'-0" 0 10 20 40 NORTH



1 ENLARGED PARTIAL SITE PLAN  
SCALE: 1" = 20'-0" 0 10 20 40 NORTH



2 ENLARGED PARTIAL SITE PLAN  
SCALE: 1" = 20'-0" 0 10 20 40 NORTH

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HENRY+  
ASSOCIATES  
ARCHITECTS



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

ENLARGED SITE PLANS

CONSULTANT

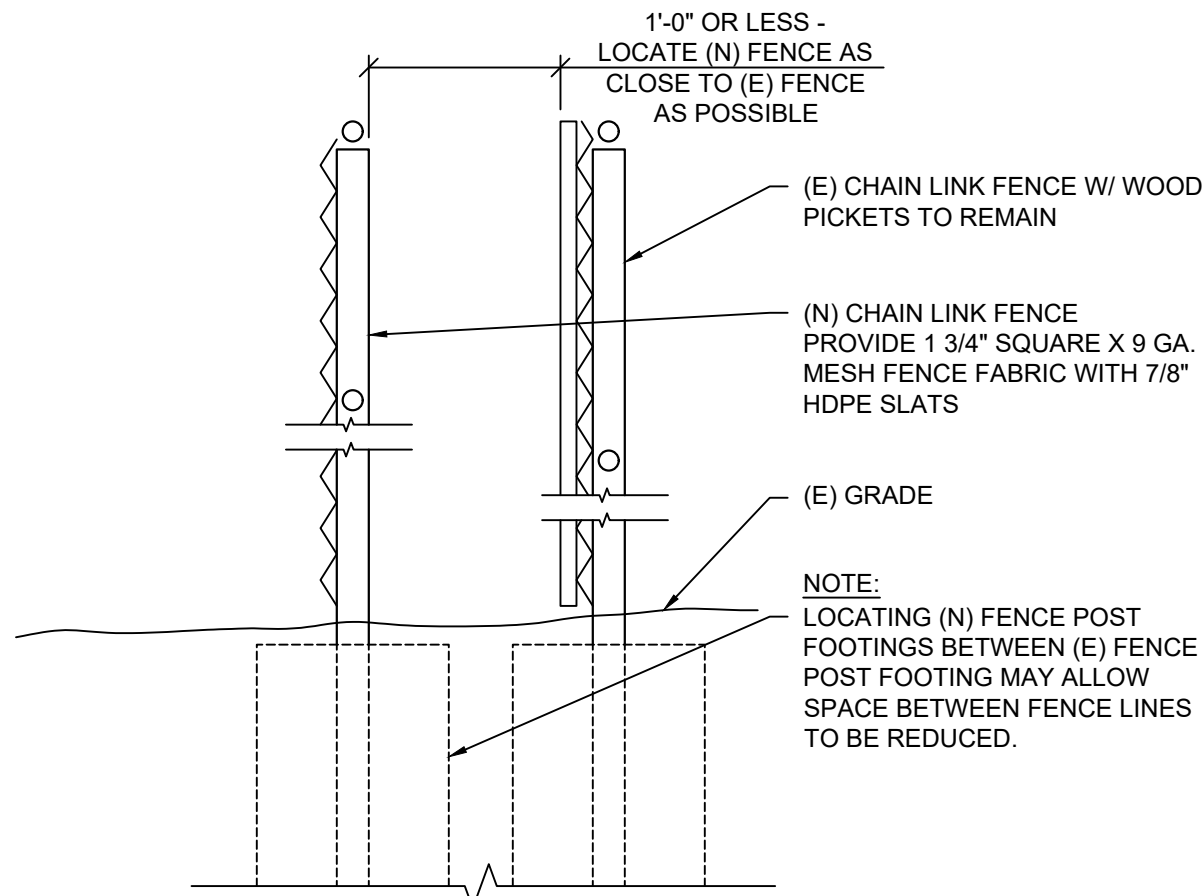
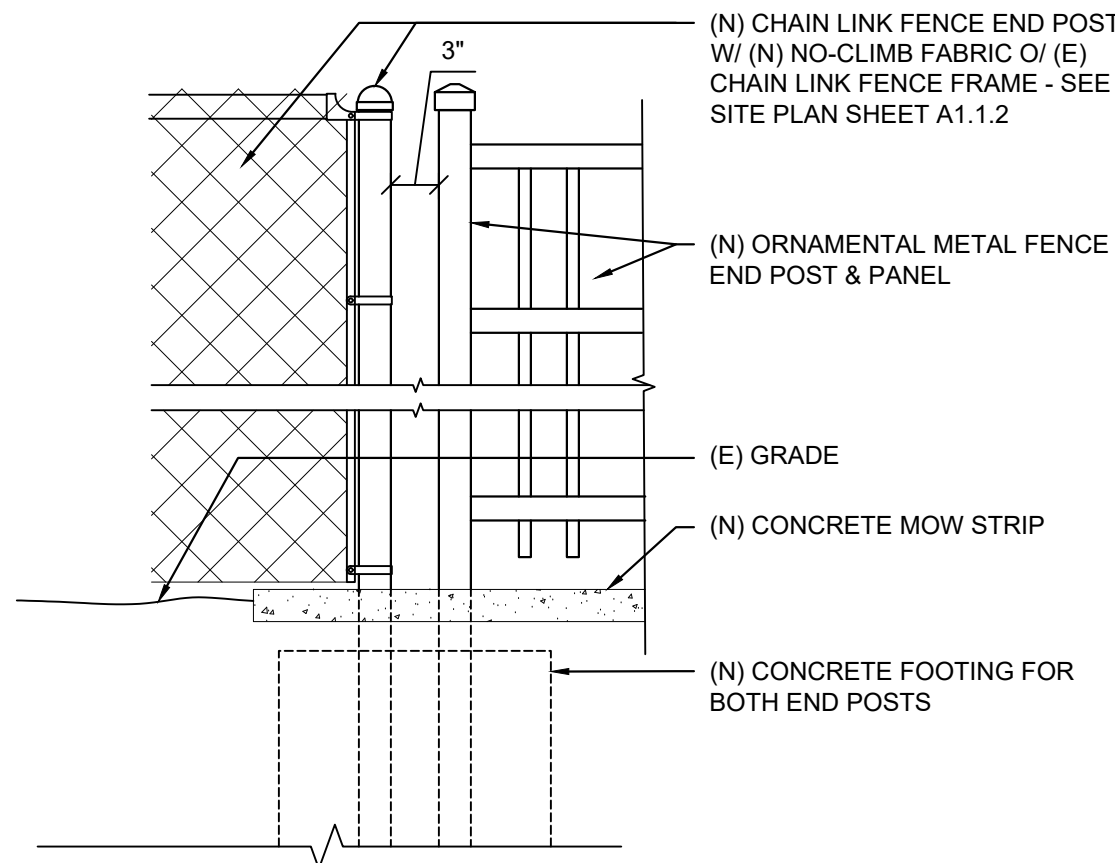
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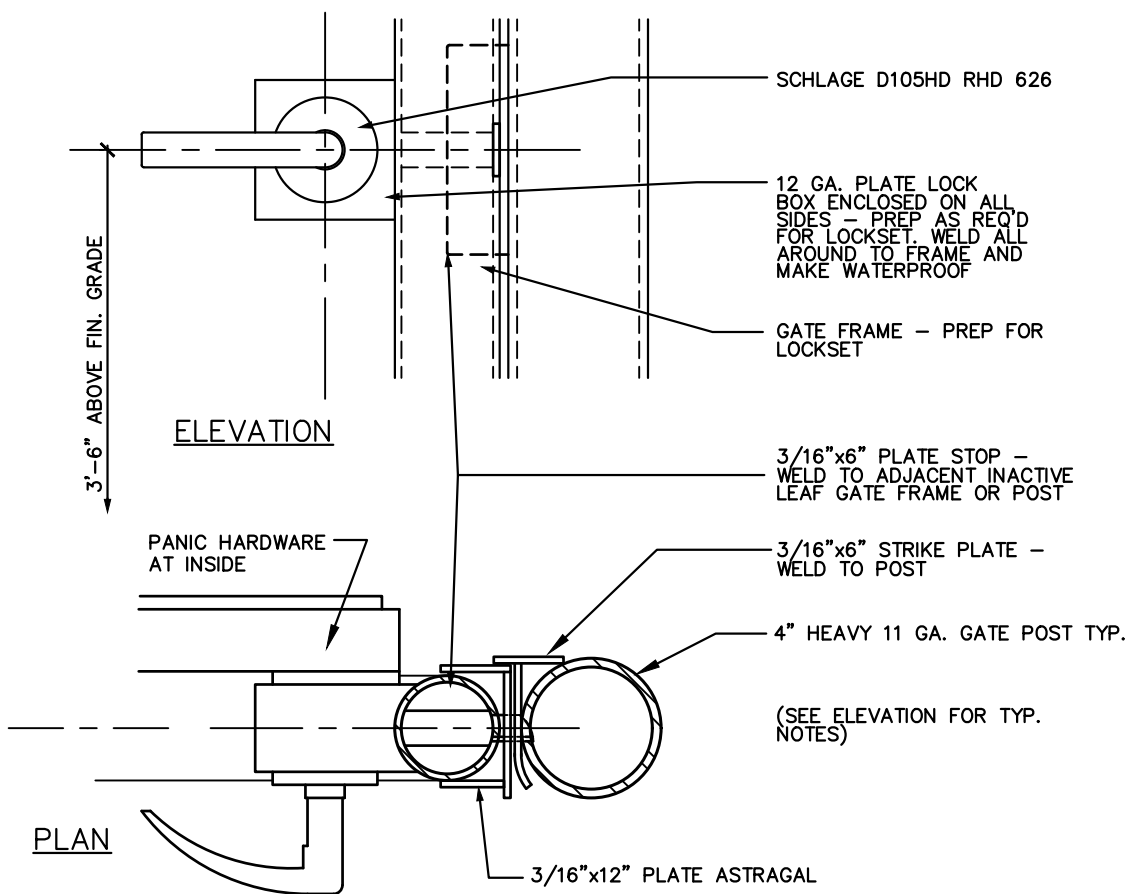


- NOTES
1. MATERIALS FOR CHAIN LINK FENCE AND GATES SHALL CONFORM TO CALTRANS SECTION 206-6 OF THE STANDARD SPECIFICATIONS EXCEPT AS INDICATED HERON OR MODIFIED BY PROJECT PLANS.
  2. FABRIC SHALL HAVE KNUCKLED FINISH ON BOTH TOP AND BOTTOM EDGES.
  3. ALL GATE HINGES SHALL BE HEAVY DUTY MALLEABLE IRON OR STEEL, INDUSTRIAL SERVICE TYPE AND NOT LESS THAN 3-INCHES IN WIDTH.
  4. ALL COMPONENTS SHALL BE GALVANIZED STEEL.
  5. CONSTRUCTION OF CHAIN LINK FENCE OR GATES SHALL CONFORM TO CALTRANS SECTION 304-3 OF THE STANDARD SPECIFICATIONS EXCEPT AS INDICATED HERON OR MODIFIED BY PROJECT PLANS.
  6. CAP OR TOP SHALL BE SECURED TO POST USING 1/4-INCH RIVET.
  7. CORNER OR SLOPE POSTS SHALL BE INSTALLED WHEN THE CHANGE IN DEFLECTION ANGLE IS 30 DEGREES OR MORE AT CORNER OR SLOPE POINTS. CONSTRUCT SLOPE POSTS AS THOUGH THEY WERE CORNER POSTS.
  8. INTERMEDIATE POSTS SHALL BE PROVIDED WHEN THE DISTANCE BETWEEN CORNER OR SLOPE POSTS EXCEEDS 300 FEET. THEY SHALL BE CONSTRUCTED AS THOUGH THEY WERE CORNER OR SLOPE POSTS.
  9. THREADS OF ALL 3/8-INCH ROUND TRUSS RODS SHALL BE PEENED AFTER INSTALLATION.
  10. WHEN TOP RAIL IS OMITTED BY PLAN, PROVIDE 7-GAGE TENSION WIRE WITH 11-GAGE FABRIC TIES OR HOG RINGS SPACED AT 24-INCH INTERVALS.
  11. GATES SHALL BE PROVIDED WITH A COMBINATION SPRING LATCH AND PLUNGER ROD, APPROVED BY THE ARCHITECT.
  12. TENSION WIRE SHALL BE SECURELY FASTENED TO THE TERMINAL POSTS AND BE TAUT AND FREE OF SAG.
  13. THE FABRIC SHALL BE PLACED ON THE OUTWARD FACING SIDE OF THE POSTS, STRETCHED TAUT, AND FASTENED SECURELY.

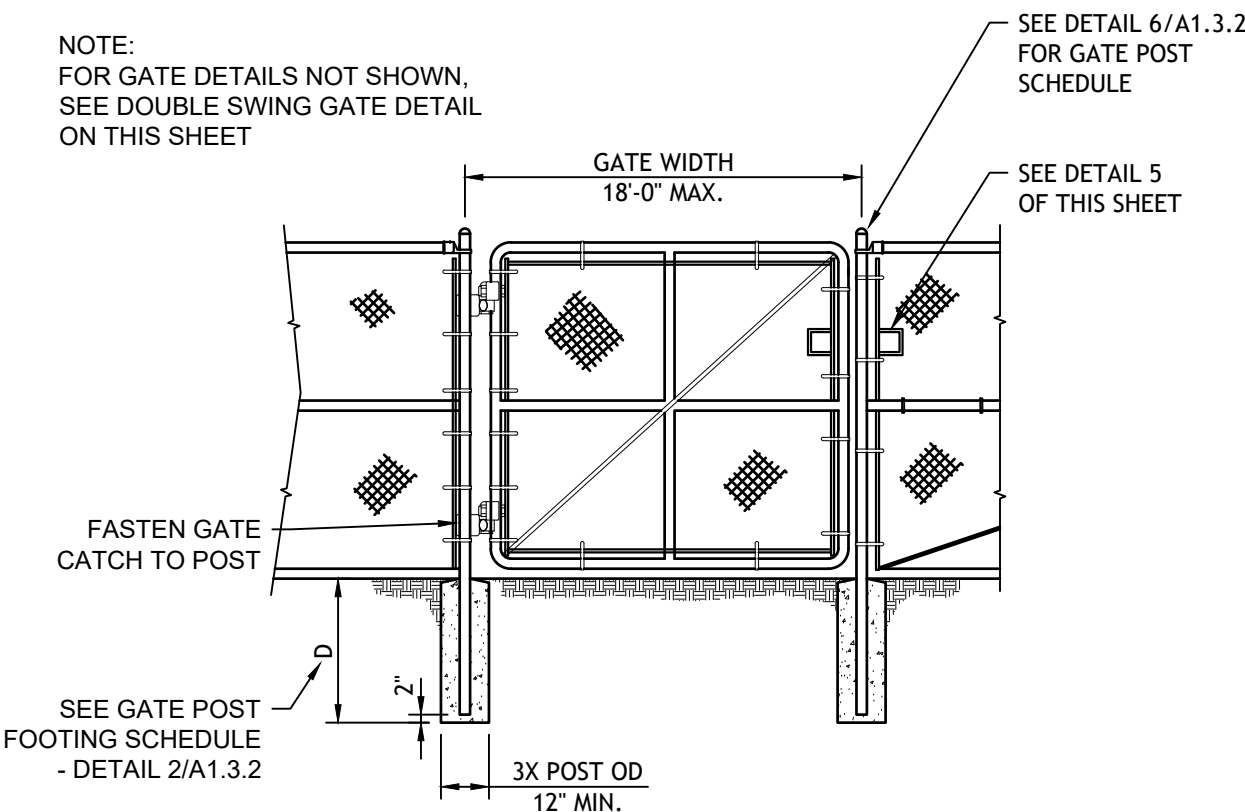
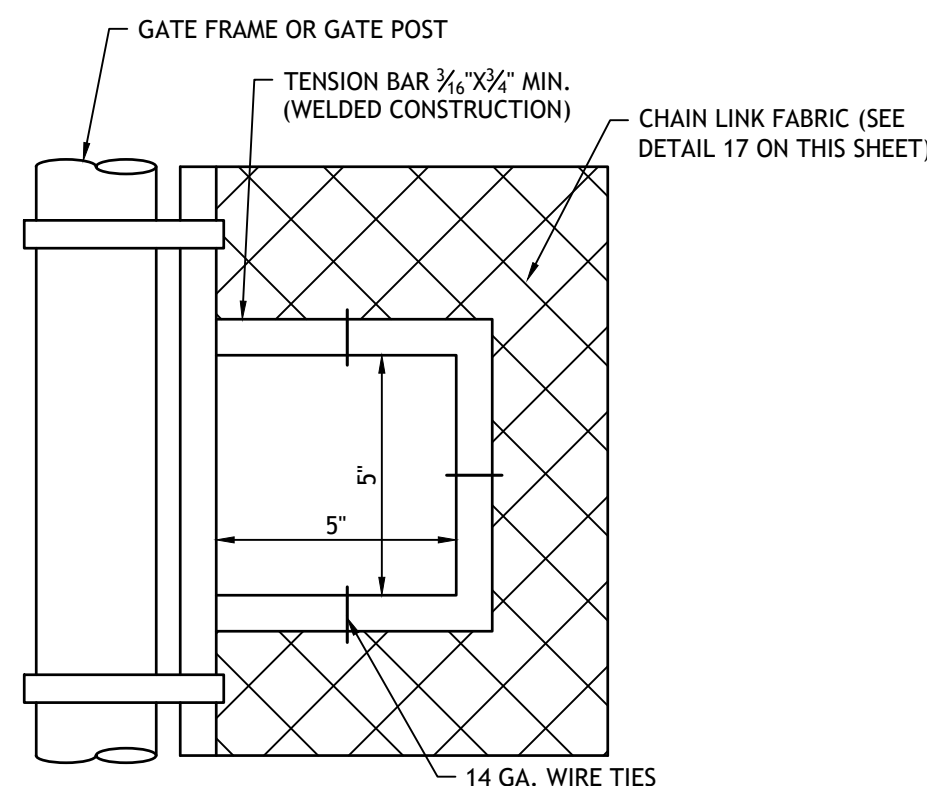
## FENCING TRANSITION

## (N) CHAIN LINK FENCE @ (E)

## FENCE, POST AND GATE NOTES



GATE POST SCHEDULE				
FENCE HEIGHT (H)	GATE WIDTH	NOMINAL SIZE OF PIPE INCHES	ACTUAL O.D. INCHES	WEIGHT PER FOOT POUNDS
LESS THAN 6 FEET	SINGLE GATES 6 FEET OR LESS AND DOUBLE GATES 12 FEET OR LESS	2 1/2	2.875	5.79
*	SINGLE SWING GATES OVER 6 FEET THRU 13 FEET AND DOUBLE GATES OVER 12 FEET THRU 26 FEET	3 1/2	4.0	9.11
*	SINGLE SWING GATES OVER 13 FEET THRU 18 FEET AND DOUBLE GATES OVER 26 FEET THRU 36 FEET	4	4.5	10.79
6 FEET TO 8 FEET INCLUSIVE	SINGLE GATES 6 FEET OR LESS AND DOUBLE GATES 12 FEET OR LESS	2 1/2	2.875	5.79
*	SINGLE SWING GATES OVER 6 FEET THRU 13 FEET AND DOUBLE GATES OVER 12 FEET THRU 26 FEET	4	4.5	10.79
*	SINGLE SWING GATES OVER 13 FEET THRU 18 FEET AND DOUBLE GATES OVER 26 FEET THRU 36 FEET	5	5.563	14.62

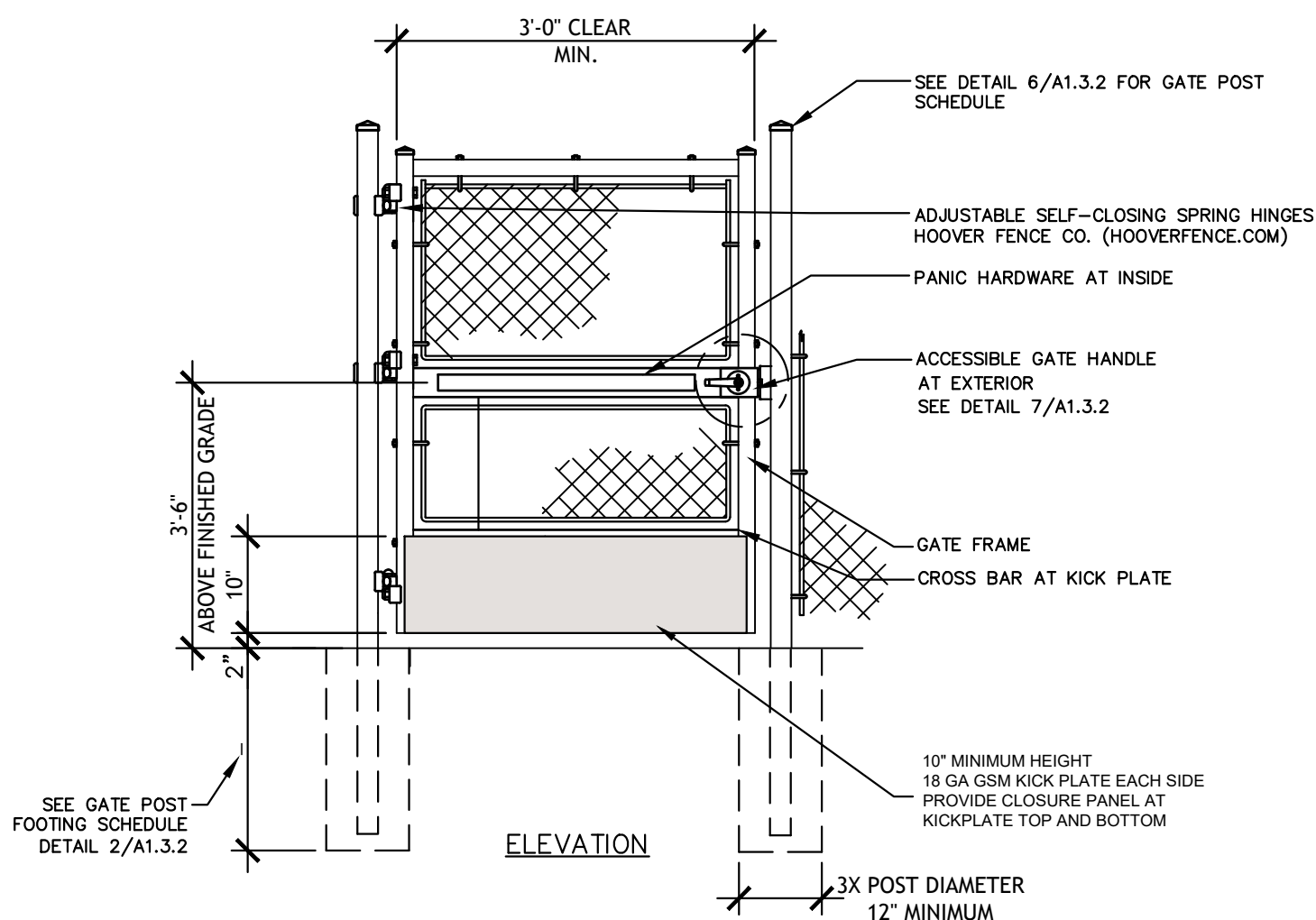


## ACCESSIBLE LOCKET ASSEMBLY

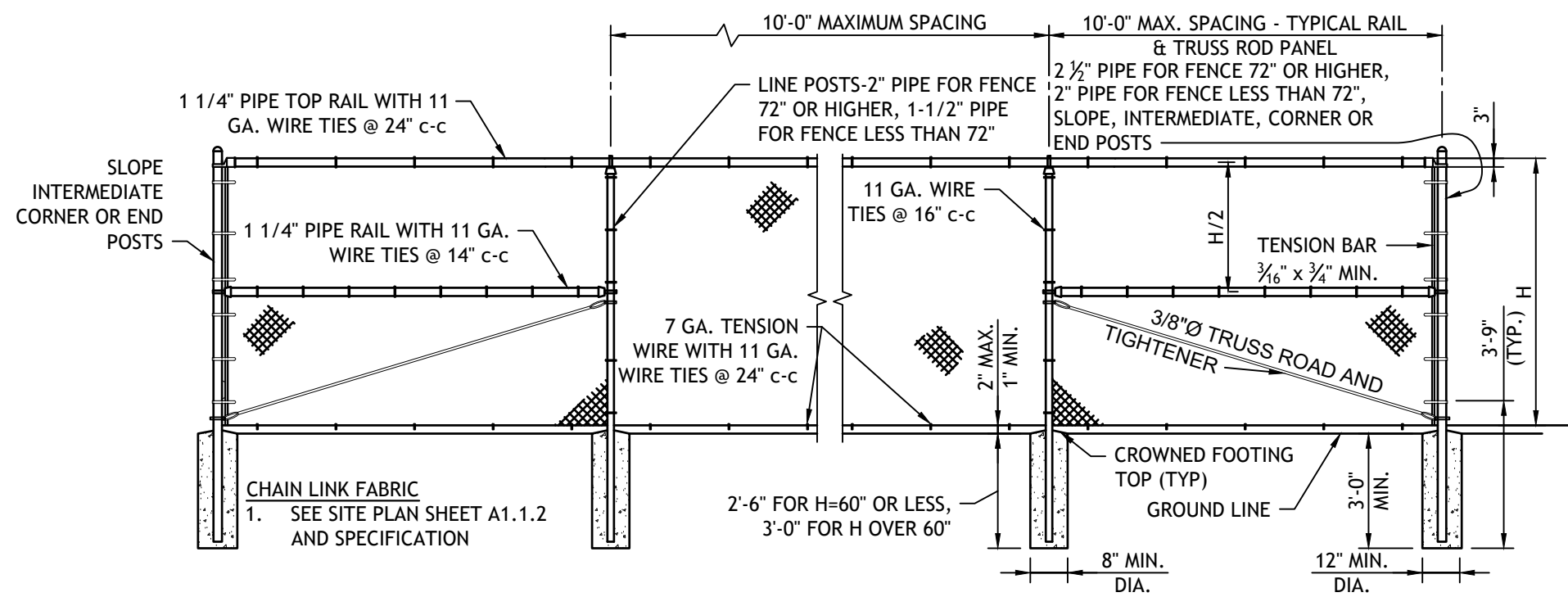
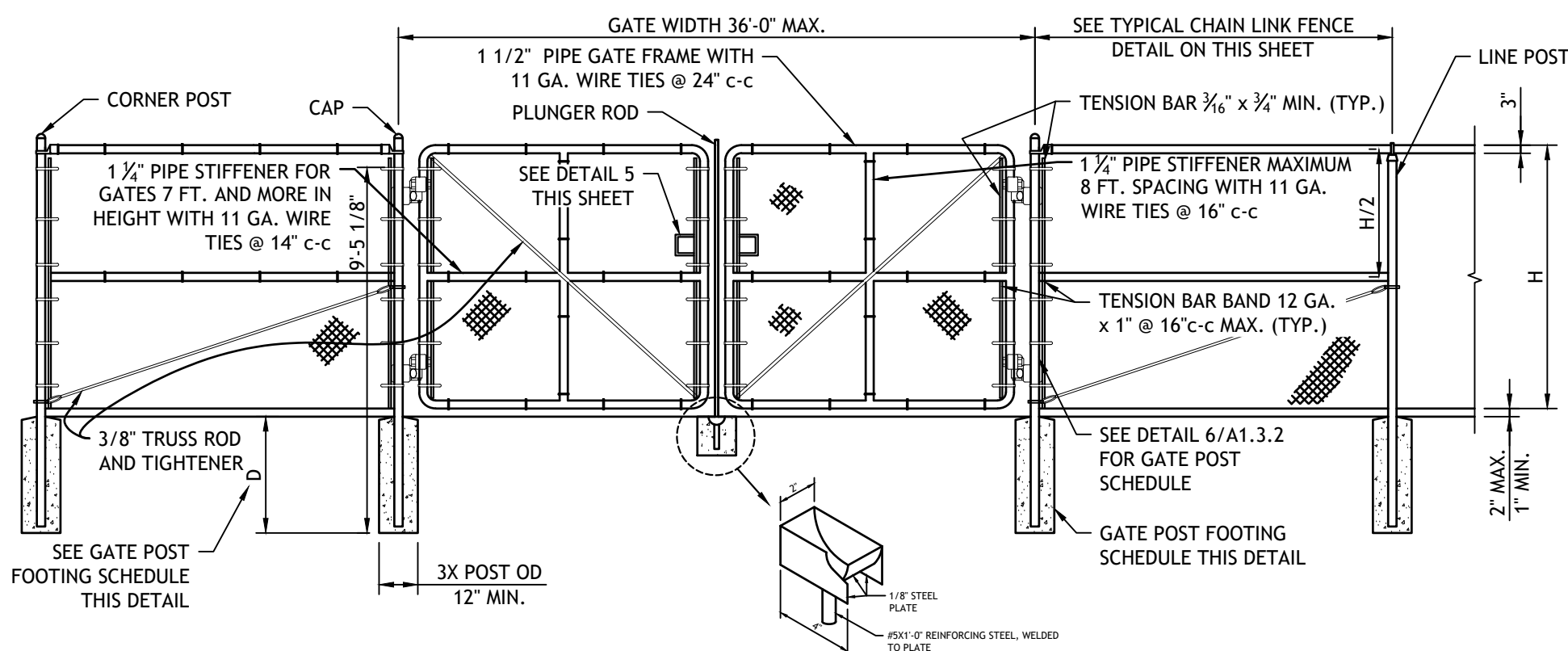
## GATE POST SCHEDULE

## CUT OUT CHAIN LOCK/ FENCE POST FOOTING SCHEDULE

## SINGLE CHAIN LINK FENCE GATE



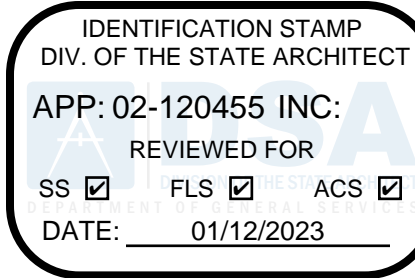
GATE POST FOOTING SCHEDULE			
GATE WIDTH		FOOTING MIN. DEPTH, D.	
SINGLE GATE	DOUBLE GATE	H TO 6'	H>6' TO 8'
TO 8'	TO 16'	3'-0"	3'-0"
> 8' TO 10'	> 16' TO 20'	3'-0"	3'-9"
> 10' TO 12'	> 20' TO 24'	3'-6"	4'-3"
> 12' TO 13'	> 24' TO 26'	4'-0"	4'-6"
> 13' TO 14'	> 26' TO 28'	3'-0"	3'-6"
> 14' TO 16'	> 28' TO 32'	3'-3"	4'-0"
> 16' TO 18'	> 32' TO 26'	3'-9"	4'-6"
> INDICATES "GREATER THAN"			



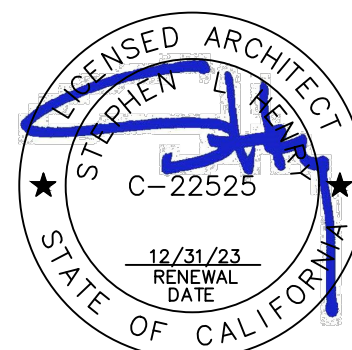
## ACCESSIBLE CHAIN LINK GATE

## DOUBLE CLF GATE & GATE POST FOOTING SCHEDULE

## TYPICAL CHAIN LINK FENCE



730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
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Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

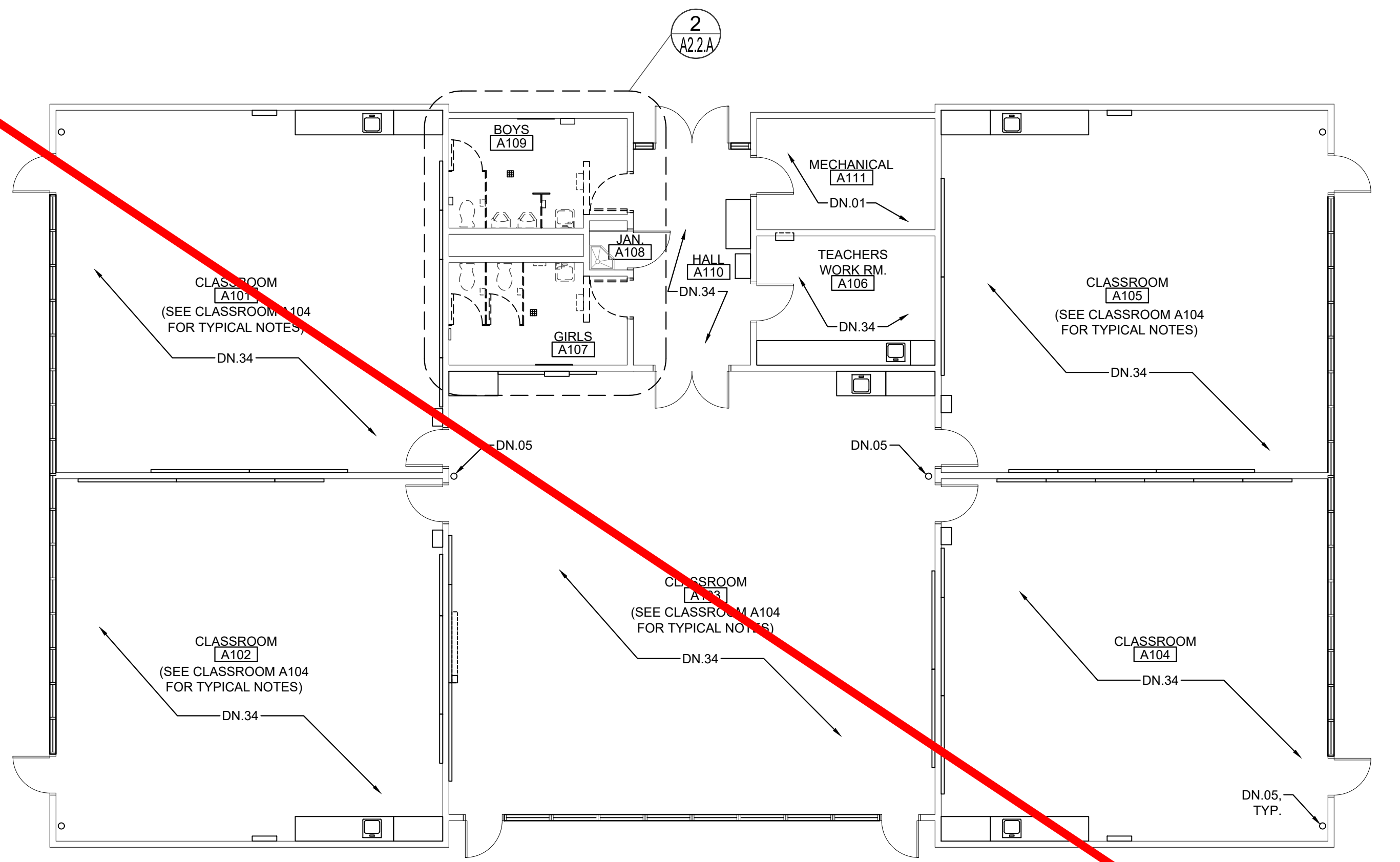
TYPICAL SITE DETAILS

CONSULTANT

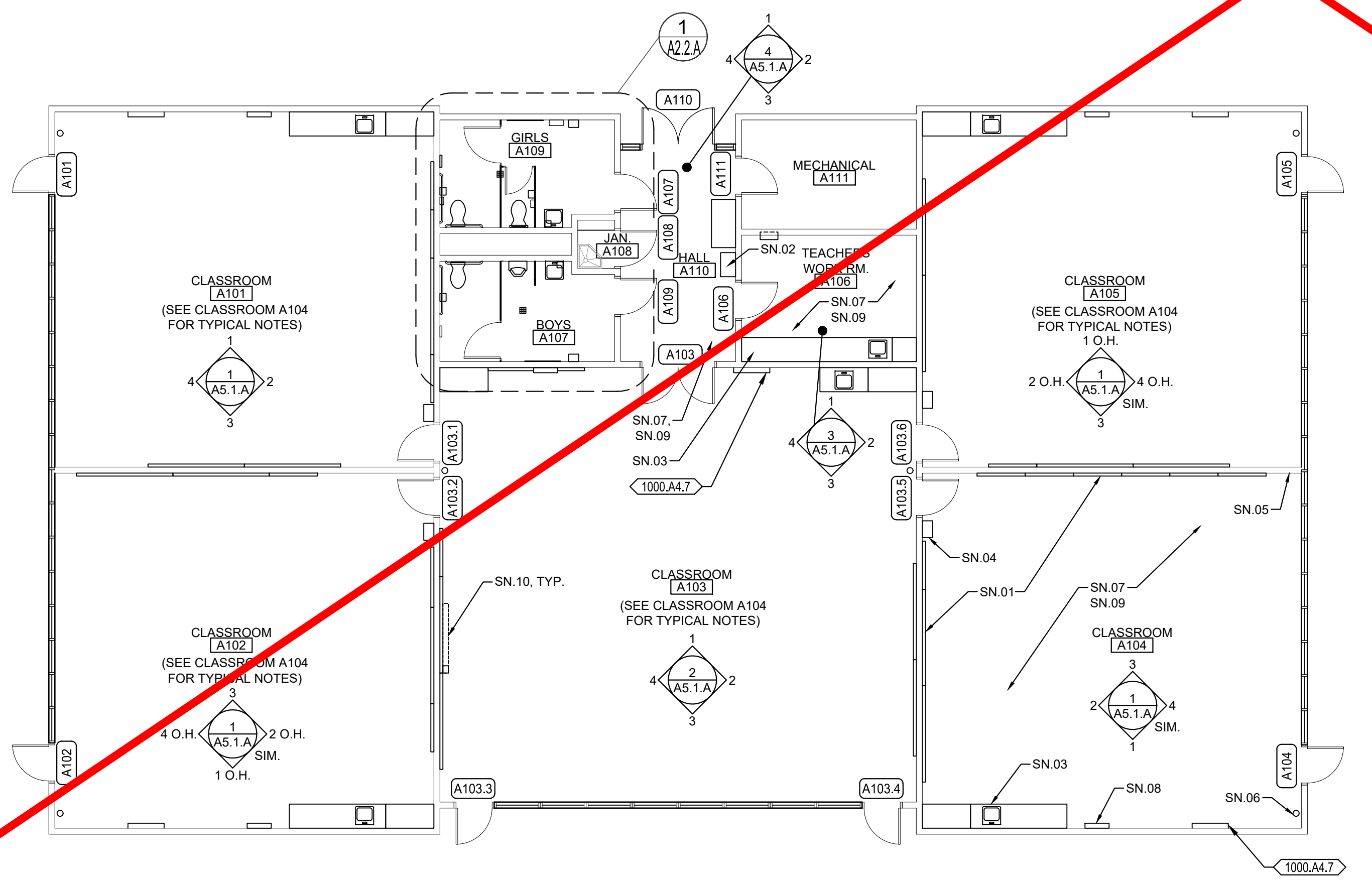
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A1.3.2





**2 DEMOLITION FLOOR PLAN - BUILDING A**  
SCALE: 1/8" = 1'-0"  
0 4' 16'  
2 8



**1 FLOOR PLAN - BUILDING A**  
SCALE: 1/8" = 1'-0"  
0 4' 16'  
2 8

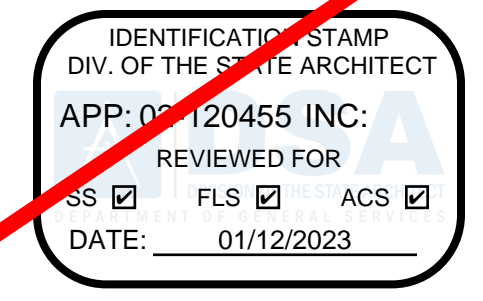
- ### KEYNOTES
- NOTE: NOT ALL NOTES MAY BE USED
- 0300 CONCRETE**  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES**  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES**  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING
- 1000 SPECIALTIES**  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
6. SELF-ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN
- 1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION
- 1000.A7 TOILET ACCESSORIES  
1. PAPER TOWEL DISPENSER  
2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING
- 2200 PLUMBING**  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UN  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER
- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT
- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE

**NOTE:**  
**EXCEPT FOR MODIFICATIONS REQUIRED TO THE EXISTING EXTERIOR DOORS, THE WORK SCOPE SHOWN ON THIS SHEET IS NOT A PART OF THE CURRENT PROJECT SCOPE. SEE DOOR SCHEDULE FOR DOOR MODIFICATIONS SCOPE.**

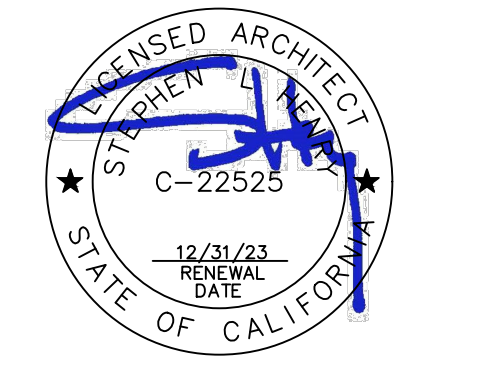
- ### GENERAL NOTES
- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
  - NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
  - WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

- ### DEMOLITION NOTES
- NOTE: NOT ALL NOTES MAY BE USED
- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER HANGER, STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER, STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE MOVED LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES. NEW SHEET SHALL BE PROVIDED TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES
- DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES
- DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.11 REMOVE (E) TOILET ROOM ACCESSORY
- DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN.18 REMOVE (E) WATER HEATER
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
- DN.22 REMOVE (E) PARTITION, PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR. - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH
- DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
- DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH
- DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

- ### SHEET NOTES
- (NOTE: NOT ALL NOTES MAY BE USED)
- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH
- SN.11 INFILL FRAME OF DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY COVERED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY FOR LOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

DEMOLITION & FLOOR  
PLANS - BUILDING A

CONSULTANT		
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		
A2.1.A		



NOTE: NOT ALL NOTES MAY BE USED

<b>0900 FINISHES</b>	
0900.A6	RESINOUS FLOOR COATING W/ 6" INTEGRAL COVERED BASE
0900.B7	RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

**1000 SPECIALTIES**

- |         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1000.A4 | SIGNAGE            | <ul style="list-style-type: none"> <li>1. PARKING LOT ENTRANCE SIGN "TOWAWA"</li> <li>2. DISABLED ACCESSIBLE PARKING STALL SIGN</li> <li>3. ROOM IDENTIFICATION SIGN</li> <li>4. RESTROOM IDENTIFICATION SIGN</li> <li>5. TACTILE EXIT SIGN</li> <li>6. SELF-ILLUMINATING EXIT SIGN</li> </ul>                                                                                                                                                                      |
| 1000.A5 | TOILET PARTITION   | <ul style="list-style-type: none"> <li>1. TOILET PARTITION PILASTER</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                      |
| 1000.A6 | URINAL PARTITION   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000.A7 | TOILET ACCESSORIES | <ul style="list-style-type: none"> <li>1. PAPER TOWEL DISPENSER</li> <li>2. TOILET PAPER DISPENSER</li> <li>3. SANITARY NAPKIN DISPENSER</li> <li>4. SOAP DISPENSER</li> <li>5. MIRROR</li> <li>6. SANITARY NAPKIN DISPOSAL RECEPTACLE</li> <li>7. GRAB BAR</li> <li>8. SHELF</li> <li>9. MOP RACK</li> <li>10. BABY CHANGING STATION</li> <li>11. TOILET SEAT COVER DISPENSER</li> <li>12. WASTE RECEPTACLE</li> <li>13. WASTE RECEPTACLE-FREE STANDING</li> </ul> |

## 2200 PLUMBING

- |                 |                                                        |
|-----------------|--------------------------------------------------------|
| 2200.A1         | PLUMBING EQUIPMENT                                     |
|                 | .1 SINK                                                |
|                 | .2 LAVATORY                                            |
|                 | .3 TOILET                                              |
|                 | .4 URINAL                                              |
|                 | .5 DRINKING FOUNTAIN                                   |
|                 | .6 MOP SINK                                            |
|                 | .7 WATER HEATER                                        |
|                 | .8 ROOF DRAIN/OVERFLOW COMBO UNIT                      |
|                 | .9 FLOOR DRAIN - SLOPE FLOOR TO<br>DRAIN 2% MAX. SLOPE |
|                 | .10 ROOF/OVERFLOW DRAIN DISCHARGE                      |
|                 | .11 CONDENSATE DRAIN LINE                              |
|                 | .12 VENT RISER PIPE                                    |
|                 | .13 BOTTLE FILLER                                      |
| 2300 HVAC       |                                                        |
| 2300.A2         | CEILING REGISTER - SEE MECHANICAL                      |
| 2300.A3         | MECHANICAL DUCT                                        |
| 2600 ELECTRICAL |                                                        |
| 2600.A2         | LIGHT FIXTURE                                          |
| 2600.A7         | FIRE ALARM DEVICE                                      |

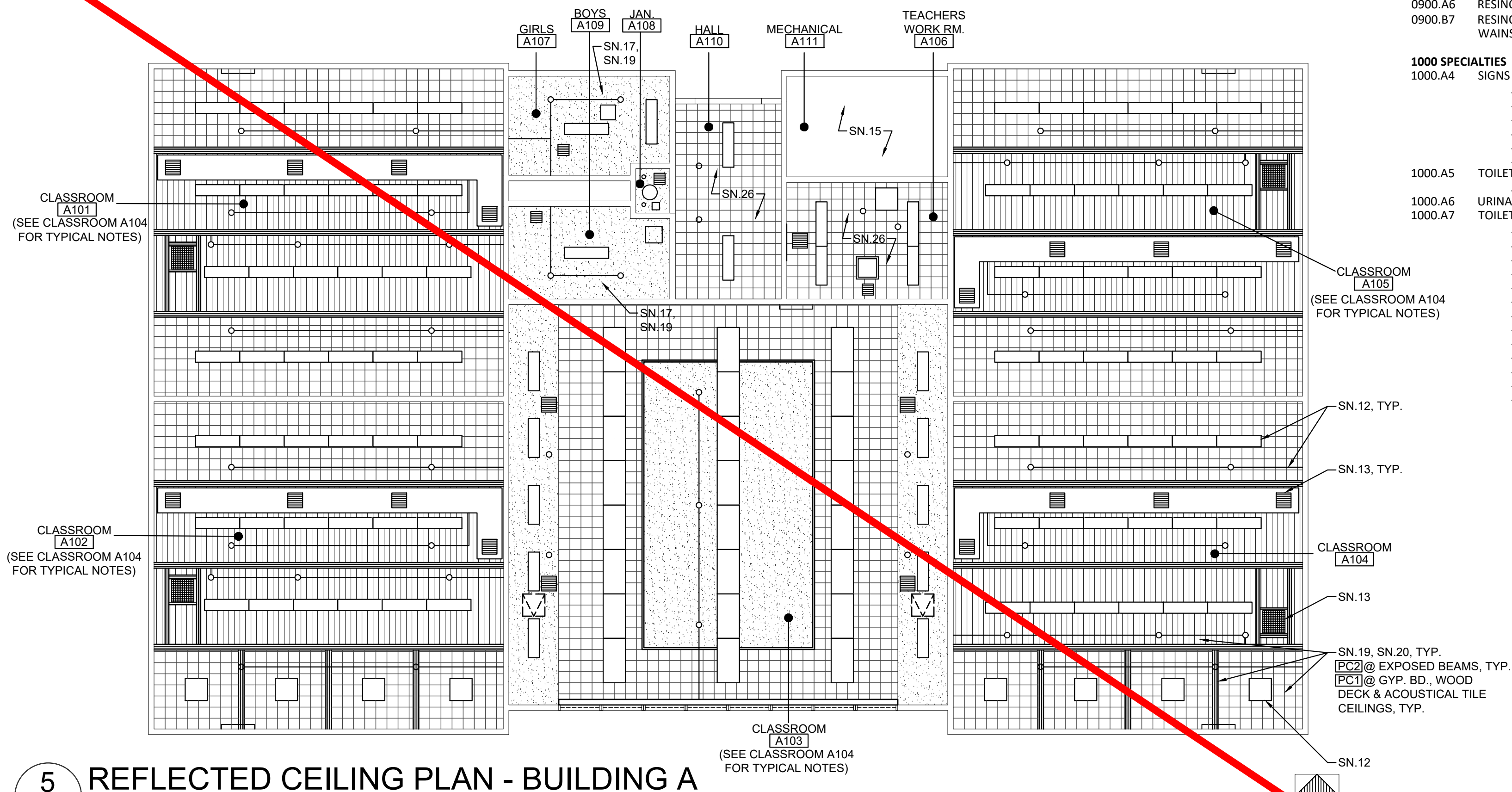
1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARK BOARD, GLASS, MIRROR, GLASS BLOCK, PICTURE FRAMES, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND WALLS, FLOORS OR CEILINGS ARE REQUIRED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH, WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

NOTE: NOT ALL NOTES MAY BE USED

- DN 01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN 02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN 03 REMOVE (E) CASEWORK AND SHELVING
- DN 04 REMOVE (E) DRY MARKER BOARDS & TACK BOARDS
- DN 05 REMOVE (E) FIRE EXTINGUISHER HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN 06 REMOVE (E) LIGHT FIXTURES IN CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN 07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN 08 REMOVE (E) SIGN & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN 09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE MOVED LATEROALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER MEET ALL. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY OR PATCH. OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
- DN 10 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN 10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN 11 REMOVE (E) TOILET ROOM ACCESSORY
- DN 12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN 13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
- DN 14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN 15 REMOVE (E) TOILET - SEE PLUMBING
- DN 16 REMOVE (E) URINAL - SEE PLUMBING
- DN 17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN 18 REMOVE (E) WATER HEATER
- DN 19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN 20 REMOVE (E) TILE, MASONRY OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHES DN 21 REMOVE (E) MOP HOLDER
- DN 22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WALL NOT TO BE REPLACED.
- DN 23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN 24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN 25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN 26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR FUTURE REINSTALLATION.
- DN 27 REMOVE (E) SURFACE MOUNTED THERMOSTAT. ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
- DN 28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM. DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
- DN 29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN 30 REMOVE/RELOCATE (E) FIRE ALARM CONTROL, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
- DN 31 REMOVE (E) GLAZING, GLAZING TRIM, WALL PANEL, & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR OR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN 32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN 33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN 34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

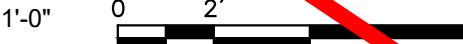
(NOTE: NOT ALL NOTES MAY BE USED)

- |       |                                                                                                                                                                                                                                                                                                                                                           |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN.01 | (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                                                                                         |
| SN.02 | (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                                                                                                           |
| SN.03 | (E) CASEWORK TO REMAIN IN PLACE & PROTECTED                                                                                                                                                                                                                                                                                                               |
| SN.04 | (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                                                                                                                            |
| SN.05 | (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS                                                                                                                                                                                                                   |
| SN.06 | (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.                                                                                                                                                                                               |
| SN.07 | (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS                                                                                                                                                                                                                                            |
| SN.08 | (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                                                                                                                        |
| SN.09 | (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.                                                                                                        |
| SN.10 | (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.                                                                                                                                                                                                                                     |
| SN.11 | INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.                                                                                                                                                                                                          |
| SN.12 | (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                                                                              |
| SN.13 | (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.                                                                                                                                                                                                                                       |
| SN.14 | REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS                                                                                                                                                                                                                                                               |
| SN.15 | NO NEW WORK THIS SPACE                                                                                                                                                                                                                                                                                                                                    |
| SN.16 | DISABLED ACCESSIBLE                                                                                                                                                                                                                                                                                                                                       |
| SN.17 | (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED. AND INSTALL ADDITIONAL CABLING AND WIREMOLD ACCESSORIES AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH. |
| SN.18 | PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.                                                                                                                                                                                                                                                     |
| SN.19 | PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BAY AREA DAMAGED BY FAN VULCANIZERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.                                                                        |
| SN.20 | PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL                                                                                                                                                                                                                                                                                            |
| SN.21 | COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.                                                                                                                                        |
| SN.22 | (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.                                                                                                                                                                                                                                                                                                     |
| SN.23 | (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.                                                                                                                                                                                      |
| SN.24 | (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAJNSCOTING AROUND ACCESS PANEL.                                                                                                                                                                                                                                               |
| SN.25 | PREP AND PAINT (E) WOOD SHELVING                                                                                                                                                                                                                                                                                                                          |
| SN.26 | REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.                                                                                                                                                                                                                                                         |

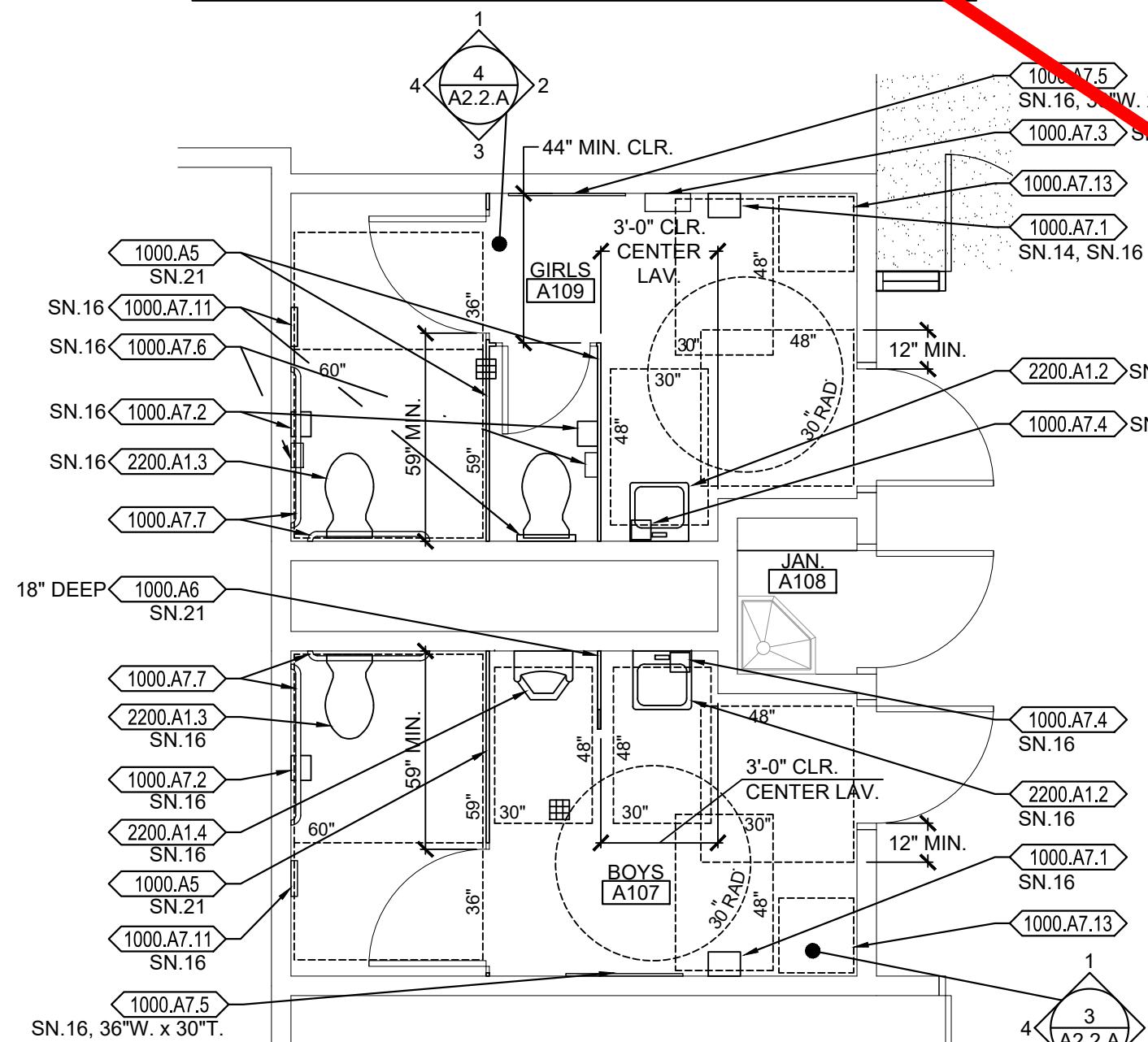


A2.2.A

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



LOCATE PLUMBING FIXTURES FOR THESE RESTROOMS AS REQUIRED FOR STUDENT AGES 9 - 12. SEE "MOUNTING HEIGHTS / DIMENSIONS" TABLE AND DETAILS FOR FIXTURE AND ACCESSORY MOUNTING ON SHEET A01. SEE ALSO "ACCESSIBLE TOILET STALL" DETAILS FOR REQUIRED TOILET STALL CLEARANCES ON SHEET A01.

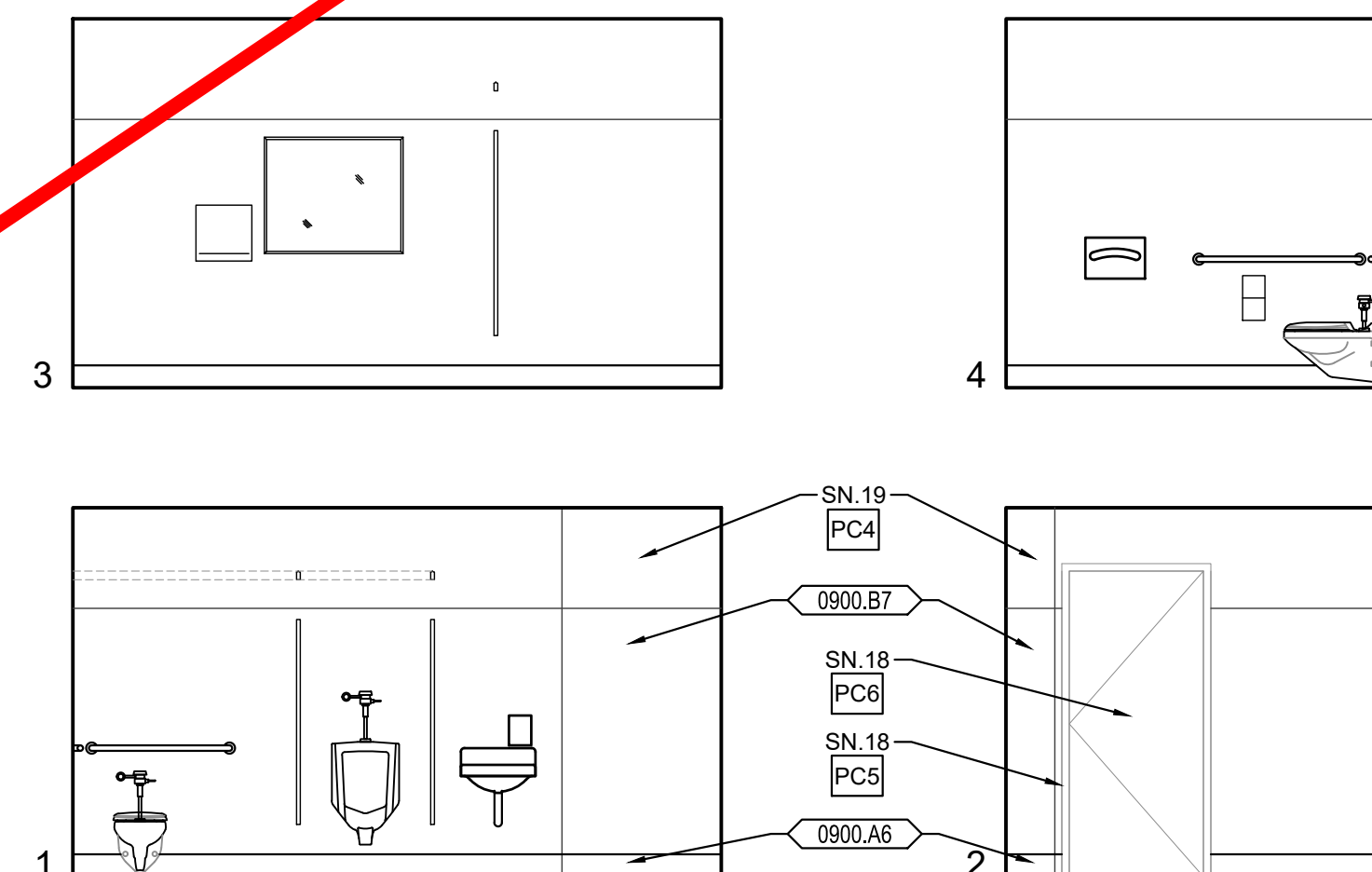


A2.2.A

SCALE: 1/4" = 1'-0" 0 2' 8'

A2.2.A

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



A2.2.A

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

**NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.**

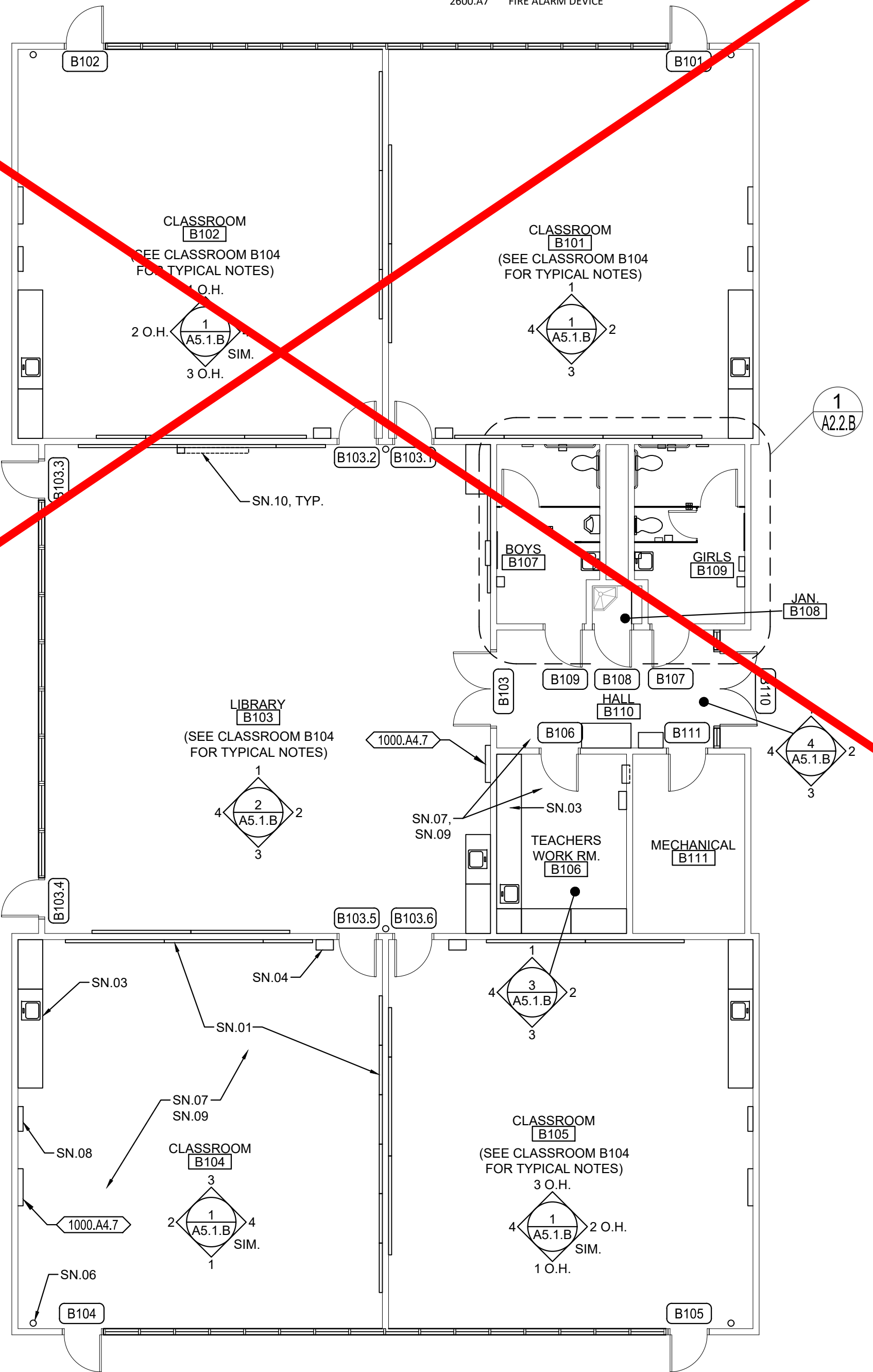
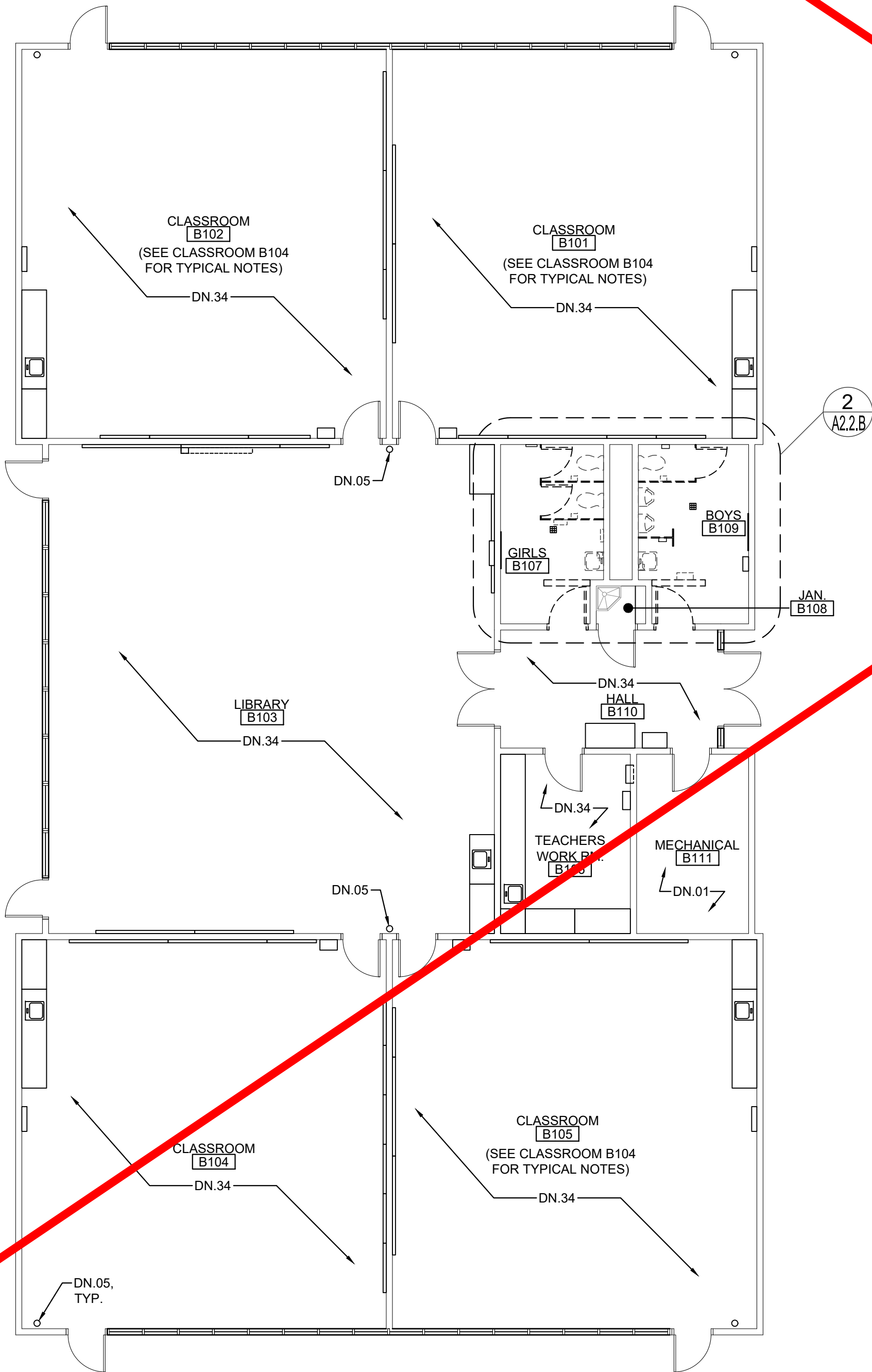


KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE  
0300.A1 CONCRETE SLAB ON GRADE  
  
0600 WOOD, PLASTICS, COMPOSITES  
0600.D1 PLASTIC LAMINATE CASEWORK  
  
0900 FINISHES  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED Q/ (E) CERAMIC TILE WAINSCOTING  
  
1000 SPECIALTIES  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
6. SELF-ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN  
  
1000.A5 TOILET PARTITION  
1. TOILET PARTITION PLASTER  
1000.A6 URINAL PARTITION  
1000.A7 TOILET ACCESSORIES  
1. PAPER TOWEL DISPENSER  
2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING  
  
2200 PLUMBING  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN- SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER  
  
2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT  
  
2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE

NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.



GENERAL NOTES

- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
- NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
- WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

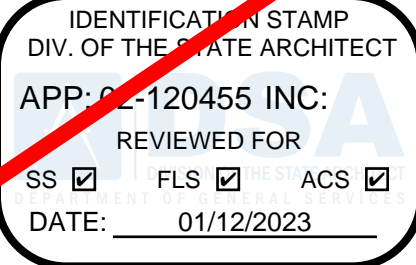
NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS  
DN.02 REMOVE (E) DOOR, SIDE/LIGHT PANEL, TRANSOM GLASS AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION  
DN.03 REMOVE (E) CASEWORK AND SHELVING  
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS  
DN.05 REMOVE (E) FIRE EXTINGUISHER HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION  
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL  
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE  
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION  
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY BE MOVED LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES. SEE SHEET A2.1 FOR CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLIES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES  
DN.10 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES  
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH  
DN.11 REMOVE (E) TOILET ROOM ACCESSORY  
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION  
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH  
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING  
DN.15 REMOVE (E) TOILET - SEE PLUMBING  
DN.16 REMOVE (E) URINAL - SEE PLUMBING  
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING  
DN.18 REMOVE (E) WATER HEATER  
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES  
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHES DN.21 REMOVE (E) MOP HOLDER  
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.  
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.  
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.  
DN.25 REMOVE (E) CARPET. SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.  
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION  
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH  
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL  
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL  
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH  
DN.31 REMOVE (E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH  
DN.32 REMOVE (E) CARPET OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH  
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE  
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED  
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED  
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED  
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED  
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS  
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH  
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS  
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED  
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.  
SN.10 (E) PROJECTION OR PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.  
SN.11 INFILL FRAME TO DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.  
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED  
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.  
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS  
SN.15 NO NEW WORK THIS SPACE  
SN.16 DISABLED ACCESSIBLE  
SN.17 (E) EXPOSED WIRING, CABLE AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY COVERED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.  
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.  
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING FINISHES.  
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL  
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.  
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.  
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.  
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.  
SN.25 PREP AND PAINT (E) WOOD SHELVING  
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

DEMOLITION & FLOOR  
PLANS - BUILDING B

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A2.1.B



- KEYNOTES**  
NOTE: NOT ALL NOTES MAY BE USED
- 0300 CONCRETE**  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES**  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES**  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING
- 1000 SPECIALTIES**  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
6. SELF-ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN
- 1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION
- 1000.A7 TOILET ACCESSORIES  
1. PAPER TOWEL DISPENSER  
2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING
- 2200 PLUMBING**  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER
- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT
- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE

**NOTE:**  
**EXCEPT FOR MODIFICATIONS REQUIRED TO THE EXISTING EXTERIOR DOORS, THE WORK SCOPE SHOWN ON THIS SHEET IS NOT A PART OF THE CURRENT PROJECT SCOPE. SEE DOOR SCHEDULE FOR DOOR MODIFICATIONS SCOPE.**

**GENERAL NOTES**

- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
- NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
- WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

**DEMOLITION NOTES**

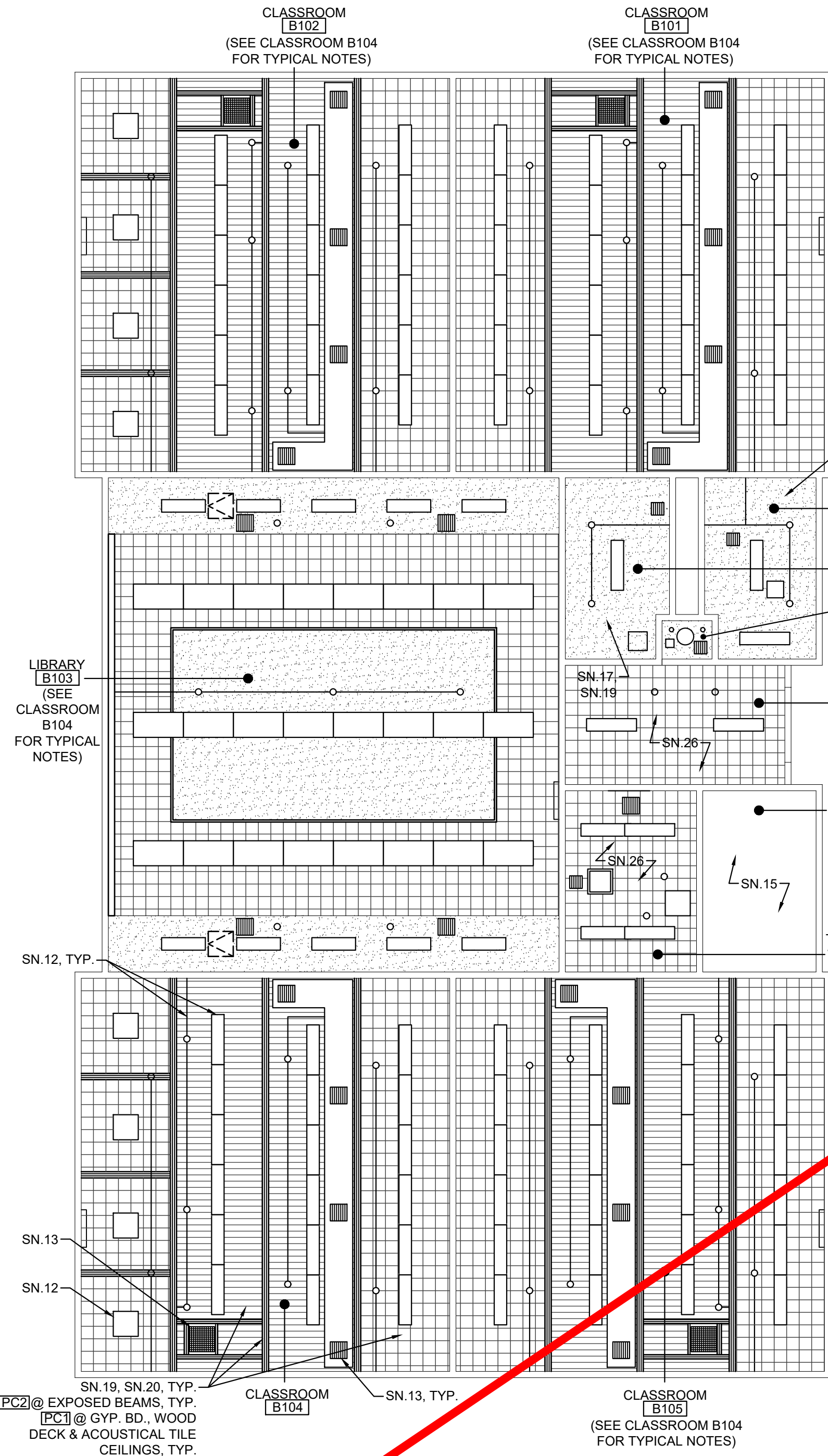
NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER, STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER, STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE PATCHED OR LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SCHEDULE. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINE/VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES
- DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES
- DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.11 REMOVE (E) TOILET ROOM ACCESSORY
- DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN.18 REMOVE (E) WATER HEATER
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHES DN.21 REMOVE (E) MOP HOLDER
- DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATE/RELOCATE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
- DN.28 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN.29 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH
- DN.31 REMOVE (E) GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

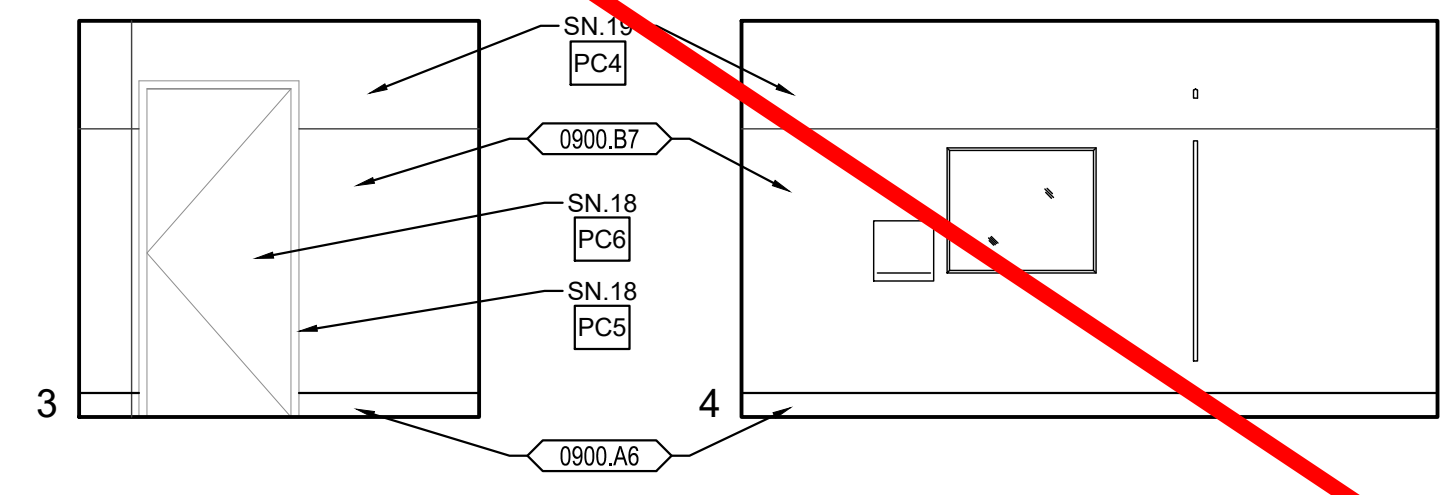
**SHEET NOTES**

(NOTE: NOT ALL NOTES MAY BE USED)

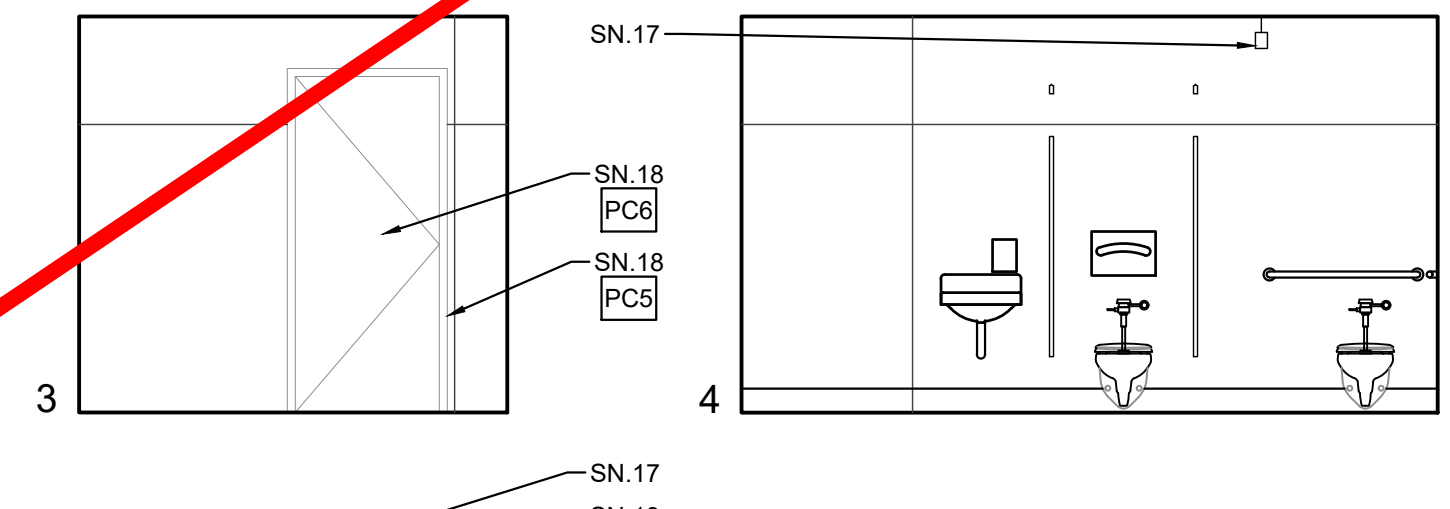
- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH ANTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR GOOD CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.



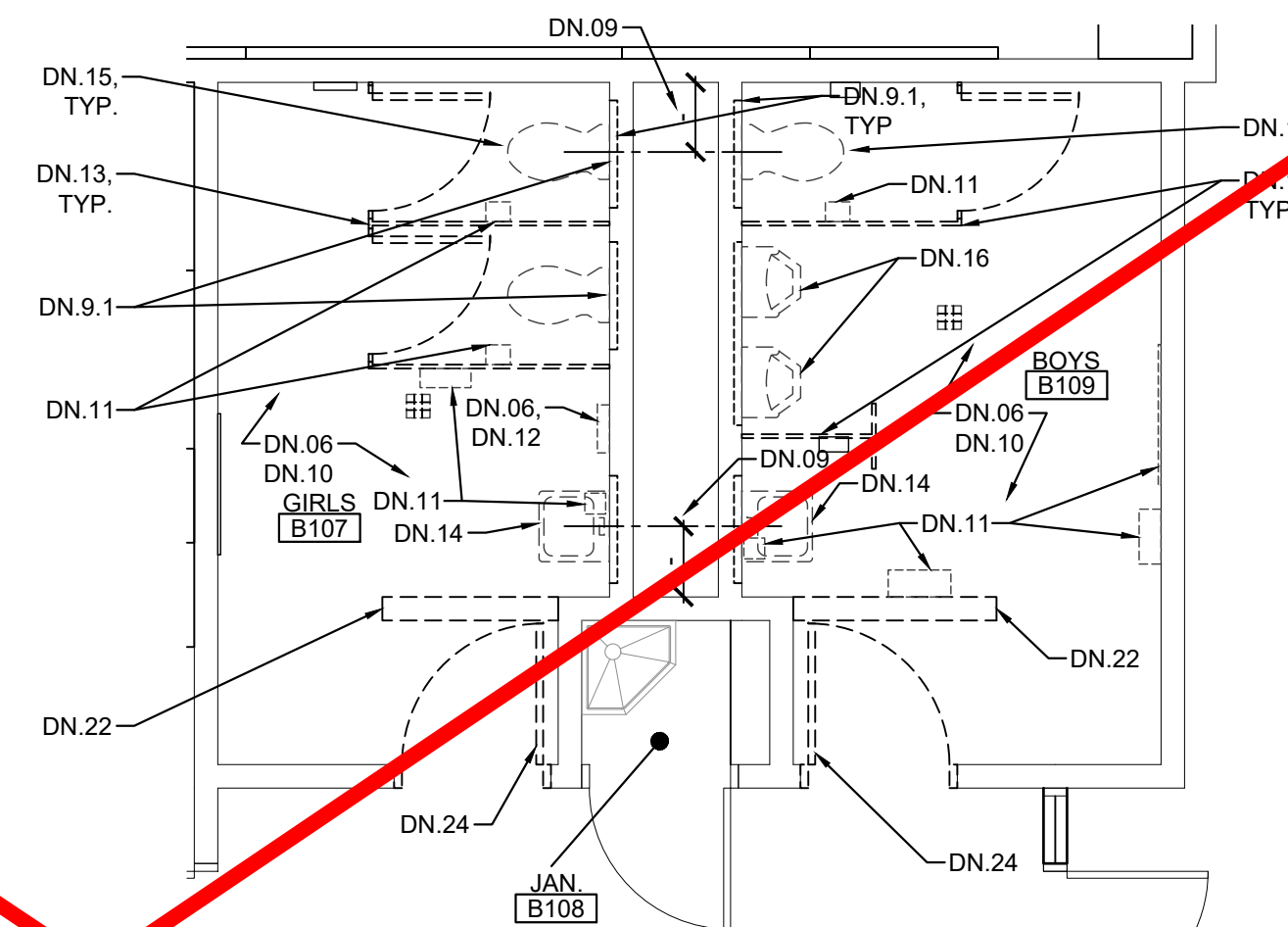
**5 REFLECTED FLOOR PLAN - BUILDING B**  
A2.2.B SCALE: 1/8" = 1'-0" 0 2 8 16  
NOTE: CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.



**4 INTERIOR ELEVATION - BOYS - B107**  
A2.2.B SCALE: 1/4" = 1'-0" 0 2' 4' 8'

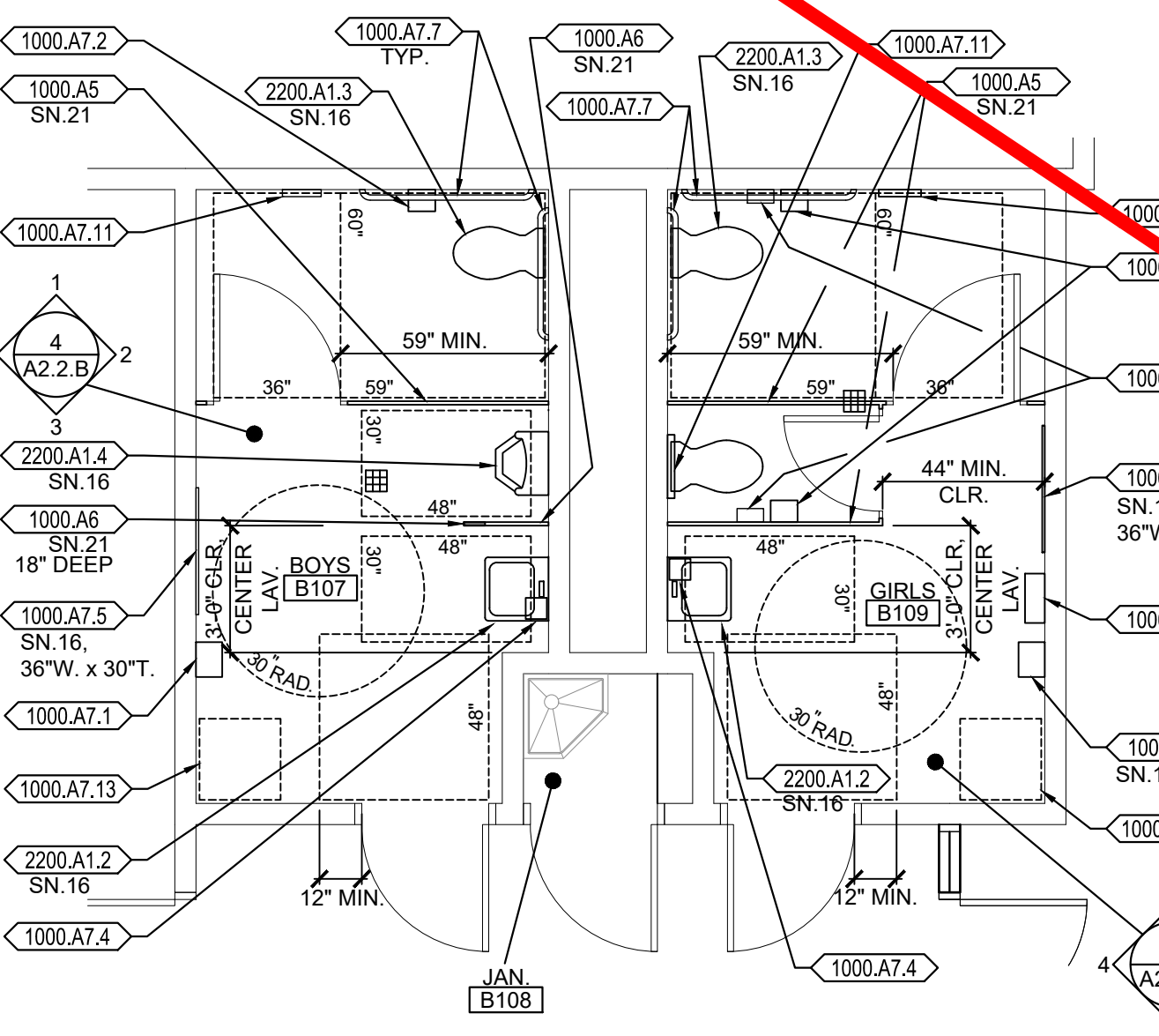


**3 INTERIOR ELEVATION - GIRLS - B109**  
A2.2.B SCALE: 1/4" = 1'-0" 0 2' 4' 8'



**2 DEMOLITION FLOOR PLAN - RESTROOMS**  
A2.2.B SCALE: 1/4" = 1'-0" 0 2' 4' 8' NORTH

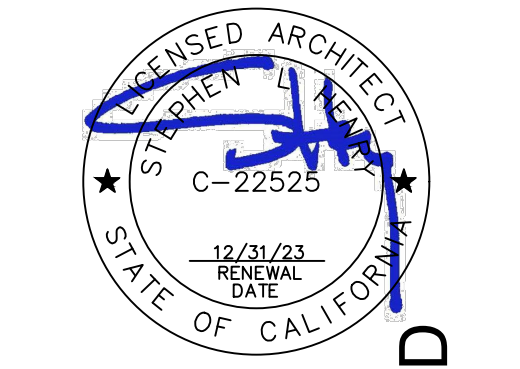
LOCATE PLUMBING FIXTURES FOR THESE RESTROOMS AS REQUIRED FOR STUDENT AGES 9 - 12. SEE "MOUNTING HEIGHTS / DIMENSIONS" TABLE AND DETAILS FOR FIXTURE AND ACCESSORY MOUNTING ON SHEET A0.1. SEE ALSO "ACCESSIBLE TOILET STALL" DETAILS FOR REQUIRED TOILET STALL CLEARANCES ON SHEET A0.1.



**1 FLOOR PLAN - RESTROOMS**  
A2.2.B SCALE: 1/4" = 1'-0" 0 2' 4' 8' NORTH

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-12-455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

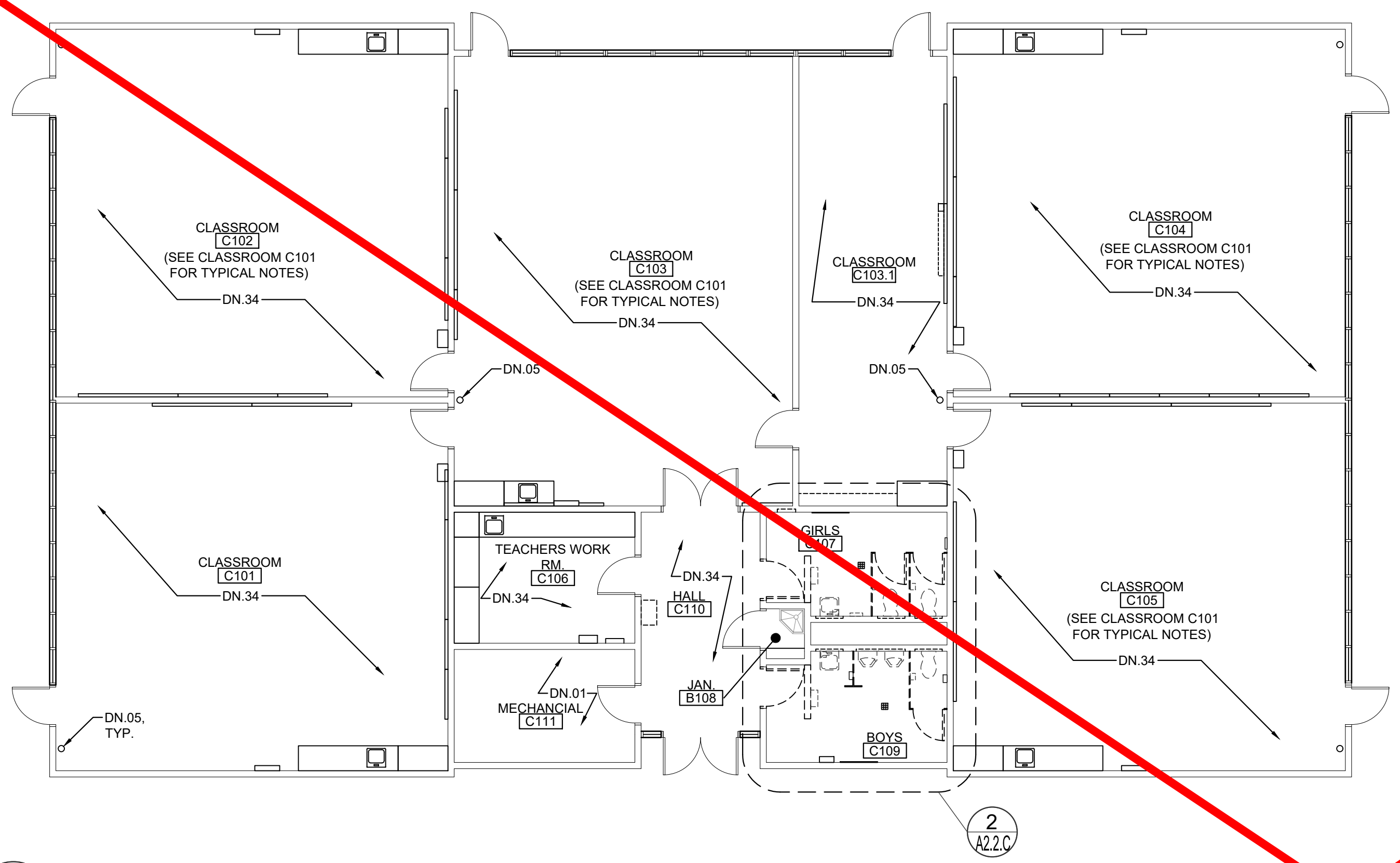


MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
ENLARGED TOILET PLANS,  
INT. ELEVATIONS, REFLECTED  
CEILING PLAN - BUILDING B

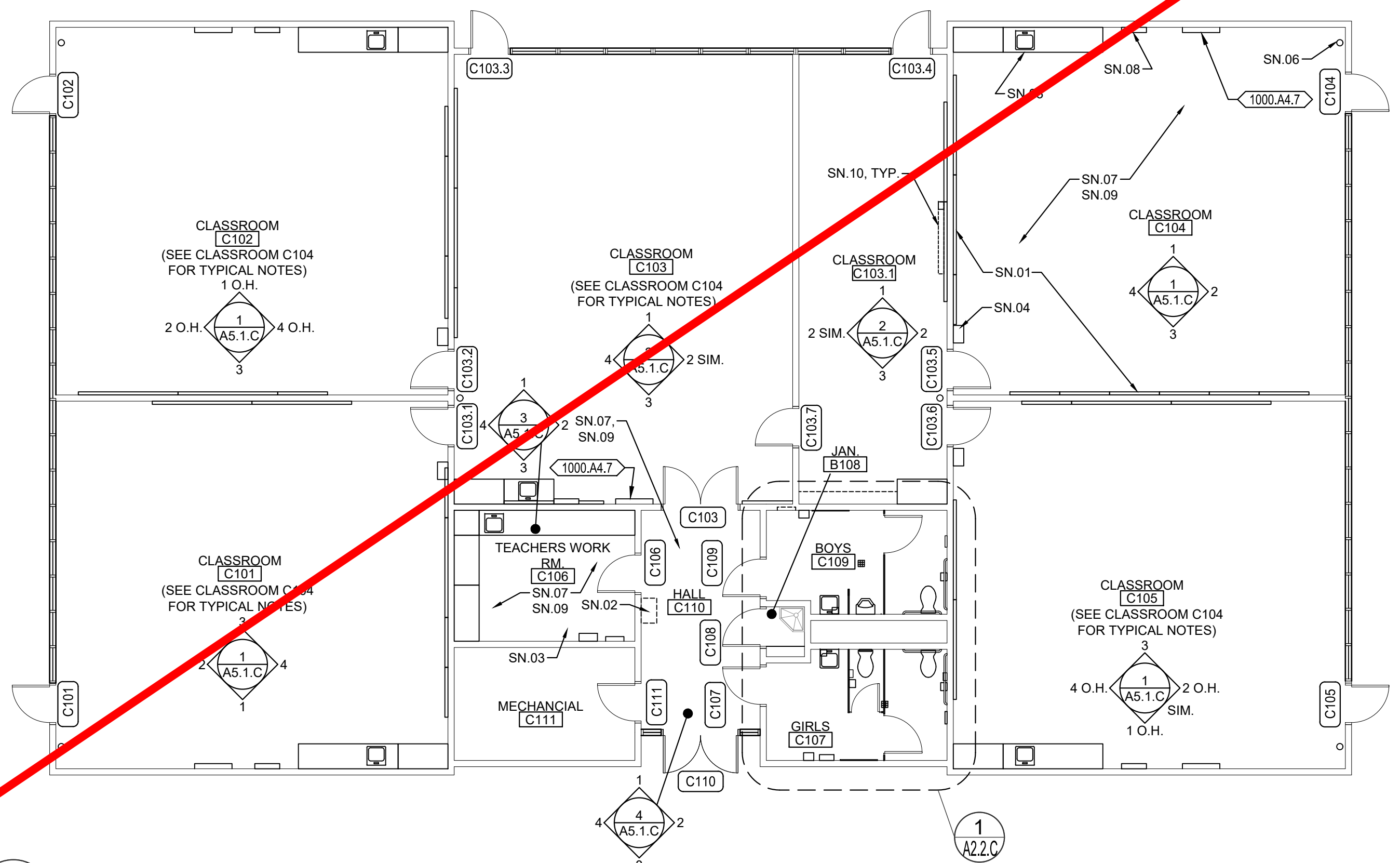
CONSULTANT		
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A2.2.B





2 DEMOLITION FLOOR PLAN - BUILDING C  
SCALE: 1/8" = 1'-0"  
0 4' 16'  
2' 8'



1 FLOOR PLAN - BUILDING C  
SCALE: 1/8" = 1'-0"  
0 4' 16'  
2' 8'

## KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE**  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES**  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES**  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

- 1000 SPECIALTIES**  
1000.A4 SIGNS
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"
  2. DISABLED ACCESSIBLE PARKING STALL SIGN
  3. ROOM IDENTIFICATION SIGN
  4. RESTROOM IDENTIFICATION SIGN
  5. TACTILE EXIT SIGN
  6. SELF-ILLUMINATING EXIT SIGN
  7. ASSISTIVE LISTENING DEVICE SIGN

- 1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION
- 1000.A7 TOILET ACCESSORIES
1. PAPER TOWEL DISPENSER
  2. TOILET PAPER DISPENSER
  3. SANITARY NAPKIN DISPENSER
  4. SOAP DISPENSER
  5. MIRROR
  6. SANITARY NAPKIN DISPOSAL RECEPTACLE
  7. GRAB BAR
  8. SHELF
  9. MOP RACK
  10. BABY CHANGING STATION
  11. TOILET SEAT COVER DISPENSER
  12. WASTE RECEPTACLE
  13. WASTE RECEPTACLE-FREE STANDING

- 2200 PLUMBING**  
2200.A1 PLUMBING EQUIPMENT
1. SINK
  2. LAVATORY
  3. TOILET
  4. URINAL
  5. DRINKING FOUNTAIN
  6. MOP SINK
  7. WATER HEATER
  8. ROOF DRAIN/OVERFLOW COMBO UNIT
  9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
  10. ROOF/OVERFLOW DRAIN DISCHARGE
  11. CONDENSATE DRAIN LINE
  12. VENT RISER PIPE
  13. BOTTLE FILLER

- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT

- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE

## GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

## DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

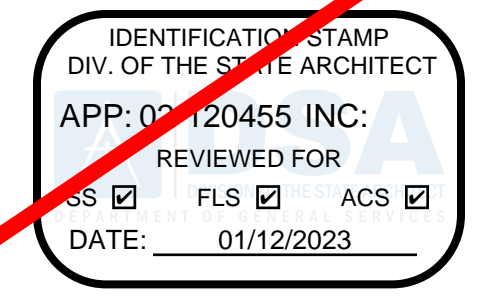
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- DN.03 REMOVE (E) CASEWORK AND SHELVING
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- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
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- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
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- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH
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- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH
- DN.31 REMOVE (E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

## SHEET NOTES

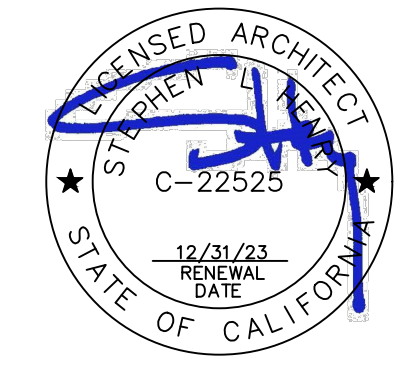
(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTION & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING SURFACE TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CABLED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTIONS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PATCH TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

**NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.**



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

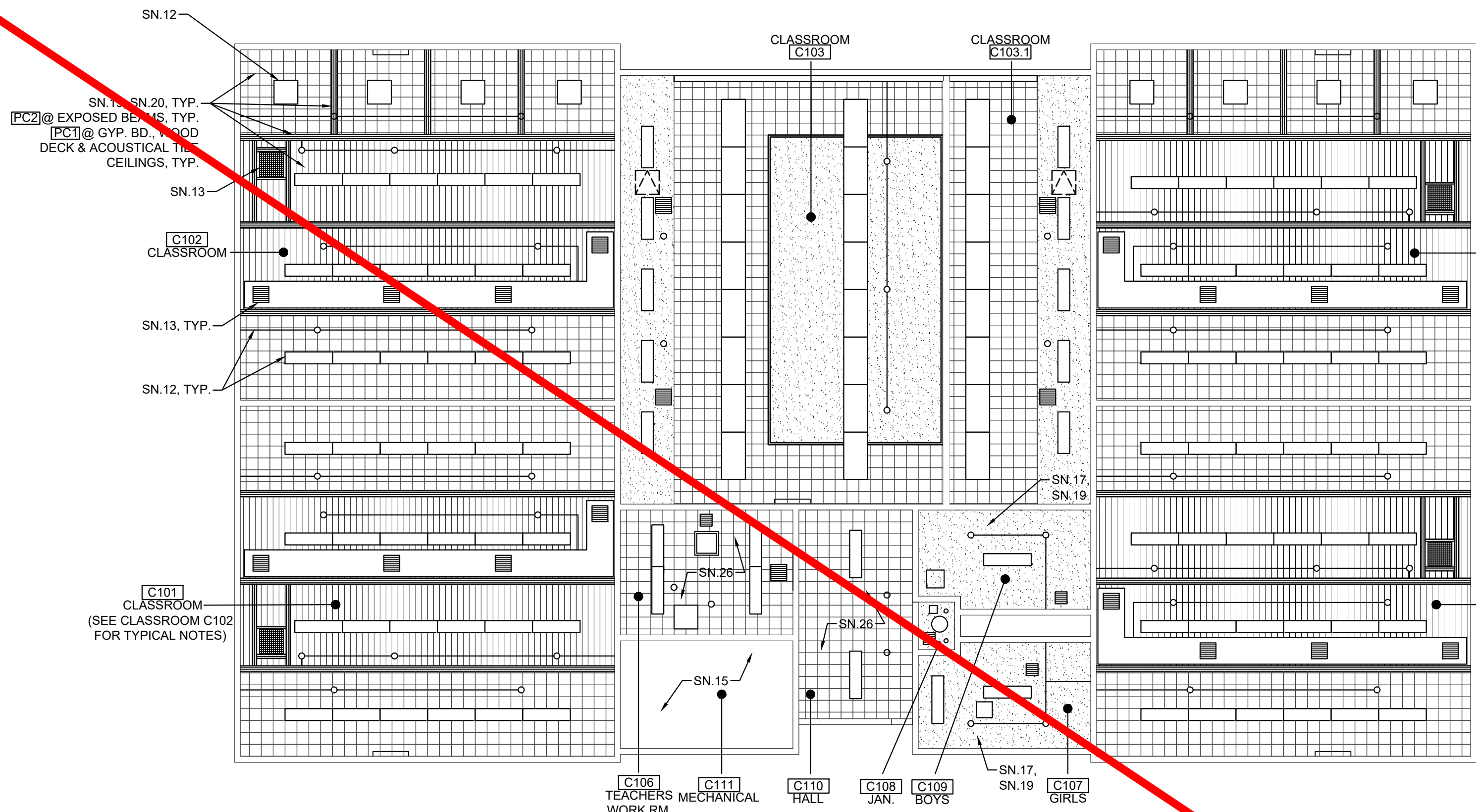
DEMOLITION & FLOOR  
PLANS - BUILDING C

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
1/4"=1'-0"		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A2.1.C





## 5 REFLECTED CEILING PLAN - BUILDING C

SCALE: 1/8" = 1'-0"

NOTE: CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.

## KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

**0900 FINISHED**  
0900.A6 BASE  
0900.B1 GYPSUM WALLBOARD  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 URETHANE RESIN FLOOR FINISH W/ 6" INTEGRAL COVED BASE  
0900.C2 GLUED OR STAPLED-ON ACOUSTICAL CEILING TILE

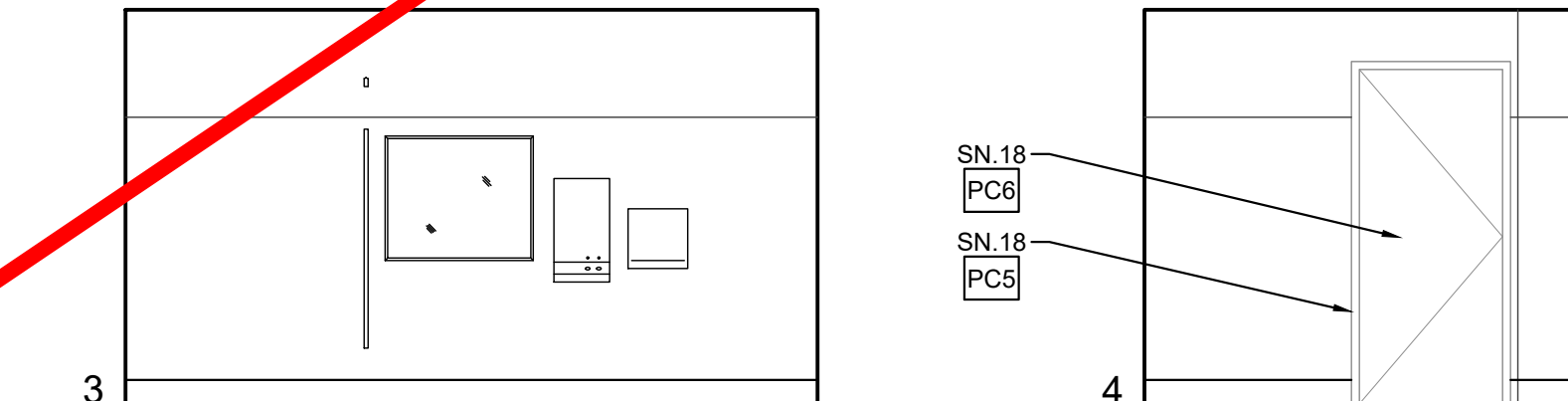
**1000 SPECIALTIES**  
1000.A2 MARKER BOARD  
1000.A3 TACK BOARD  
1000.A5 TOILET PARTITION  
1000.A6 URINAL PARTITION  
1000.A7 TOILET ACCESSORIES  
1. PAPER TOWEL DISPENSER  
2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SAN. NAPKIN DISP. RECEPTICAL  
7. GRAB BAR  
11 TOILET SEAT COVER DISPENSER  
13 WASTE RECEPTACLE - FREE STANDING  
1000.A10 METAL SHELVING

**1100 EQUIPMENT**  
1100.A4 INTERACTIVE DISPLAY SCREEN (OFCI)  
1100.A5 WORK TABLES & CHAIRS (OFCI)  
1100.A6 DISHWASHER (BELOW COUNTER)  
1100.A7 REFRIGERATOR W/ ICE MAKER (OFCI)  
1100.A8 CHEMICAL STORAGE CABINET (OFCI)

**2200 PLUMBING**  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER

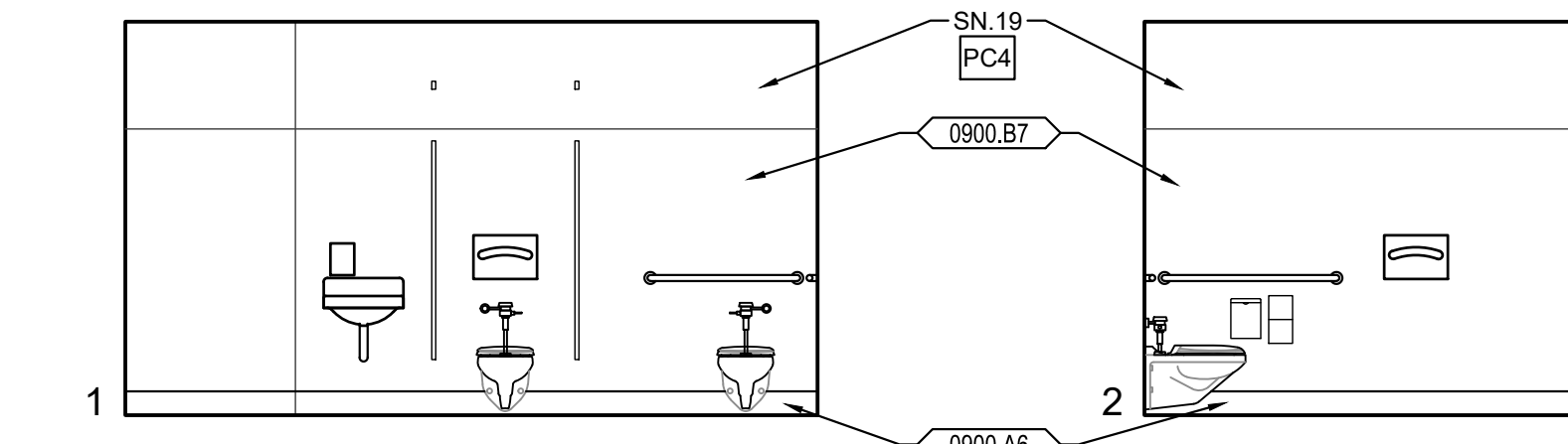
## 4 INTERIOR ELEVATION - BOYS - C109

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

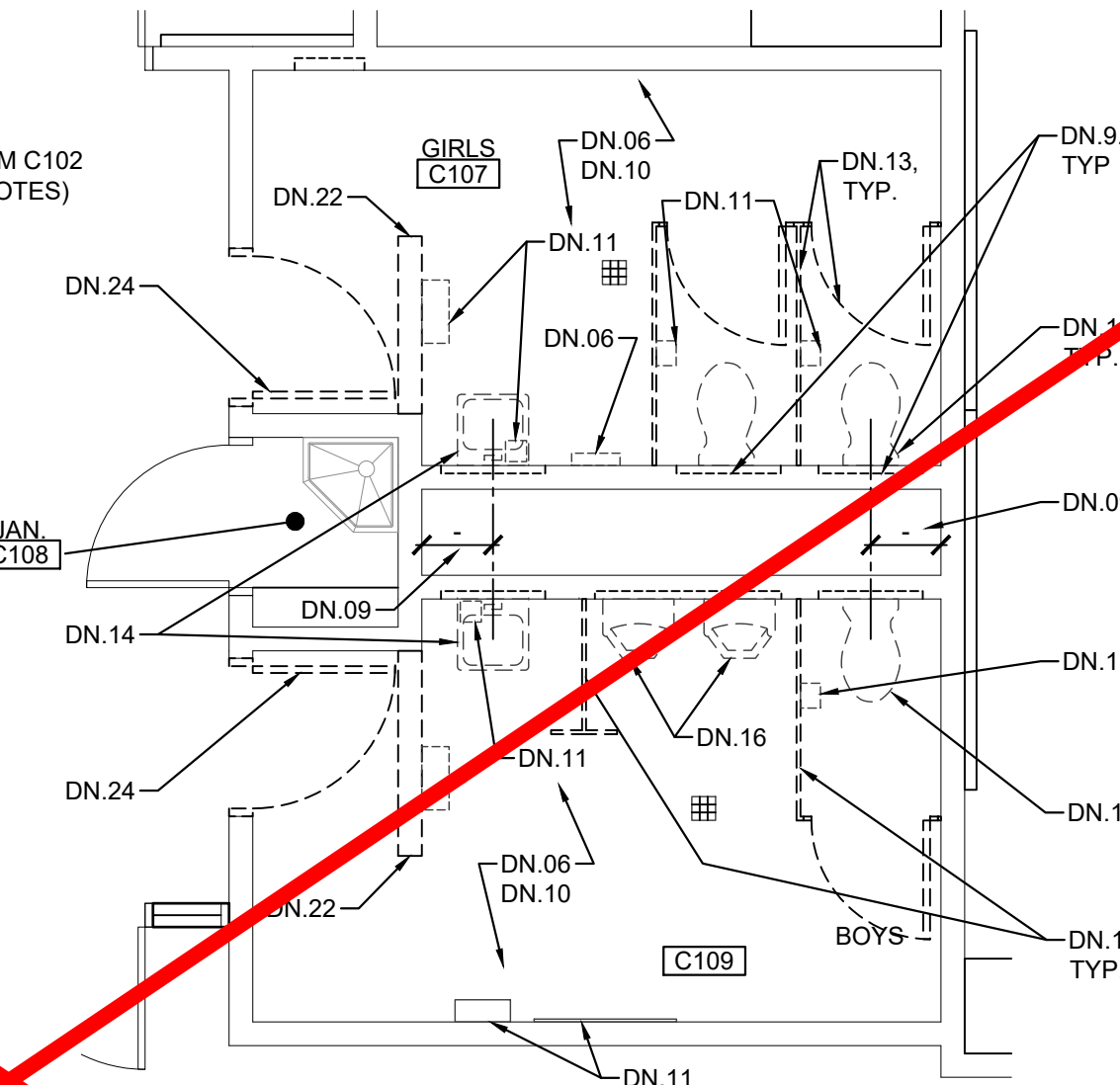


## 3 INTERIOR ELEVATION - GIRLS - C107

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



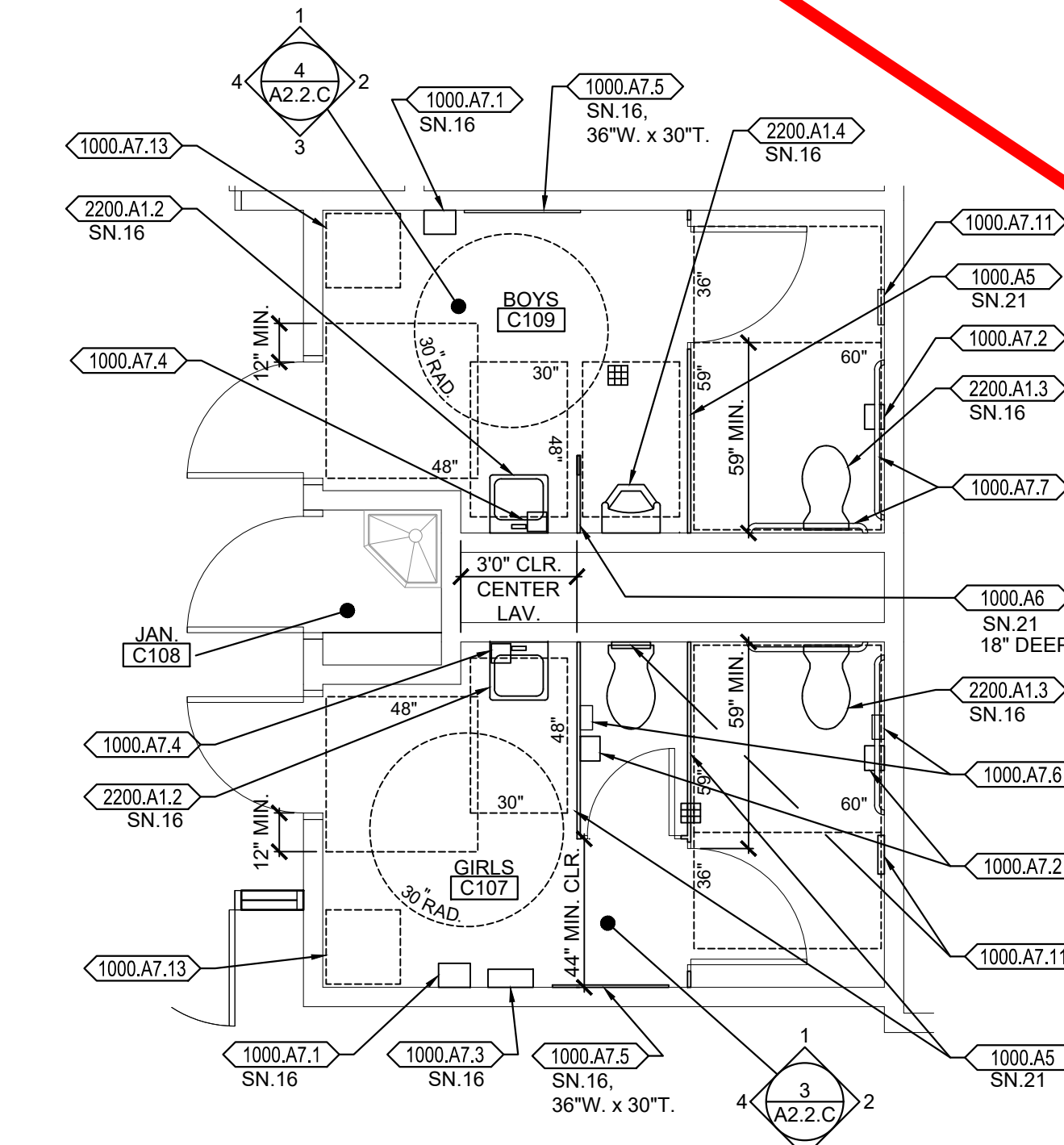
**NOTE:**  
**EXCEPT FOR MODIFICATIONS REQUIRED TO THE EXISTING EXTERIOR DOORS, THE WORK SCOPE SHOWN ON THIS SHEET IS NOT A PART OF THE CURRENT PROJECT SCOPE. SEE DOOR SCHEDULE FOR DOOR MODIFICATIONS SCOPE.**



## 2 DEMOLITION FLOOR PLAN - RESTROOMS

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

LOCATE PLUMBING FIXTURES FOR THESE RESTROOMS AS REQUIRED FOR STUDENT AGES 5 - 8. SEE "MOUNTING HEIGHTS & DIMENSIONS" TABLE AND DETAILS FOR FIXTURE AND ACCESSORY MOUNTING ON SHEET A0.1. SEE ALSO "ACCESSIBLE TOILET STALL" DETAILS FOR REQUIRED TOILET STALL CLEARANCES ON SHEET A0.1.



## 1 FLOOR PLAN - RESTROOMS

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

## GENERAL NOTES

- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT OR MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
- NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
- WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS, CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

## DEMOLITION NOTES

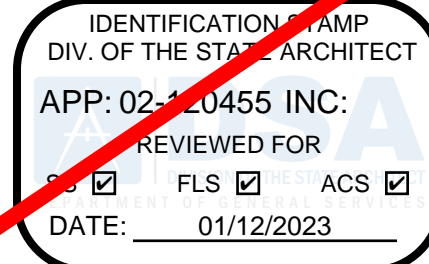
NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS.
- DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION.
- DN.03 REMOVE (E) CASEWORK AND SHELVING.
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS.
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION.
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL.
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE.
- DN.08 REMOVE (E) SOAP, PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION.
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE REMOVED LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES AFTER SIGHTING AND TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.11 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH.
- DN.12 REMOVE (E) TOILET ROOM ACCESSORY.
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING.
- DN.15 REMOVE (E) TOILET - SEE PLUMBING.
- DN.16 REMOVE (E) URINAL - SEE PLUMBING.
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING.
- DN.18 REMOVE (E) WATER HEATER.
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES.
- DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHES DN.21 REMOVE (E) MOP HOLDER.
- DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
- DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL.
- DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL.
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
- DN.31 REMOVE (E) GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH.
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH.
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE.
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

## SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED.
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED.
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED.
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED.
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS.
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS.
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED.
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED.
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITORIAL EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS.
- SN.15 NO NEW WORK THIS SPACE.
- SN.16 DISABLED ACCESSIBLE.
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY INSTALLED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL.
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY FIRE PROTECTION FOR CEILING JOINTS AND CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING.
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

ENLARGED TOILET PLANS,  
INT. ELEVATIONS, REFLECTED  
CEILING PLAN - BUILDING C

CONSULTANT

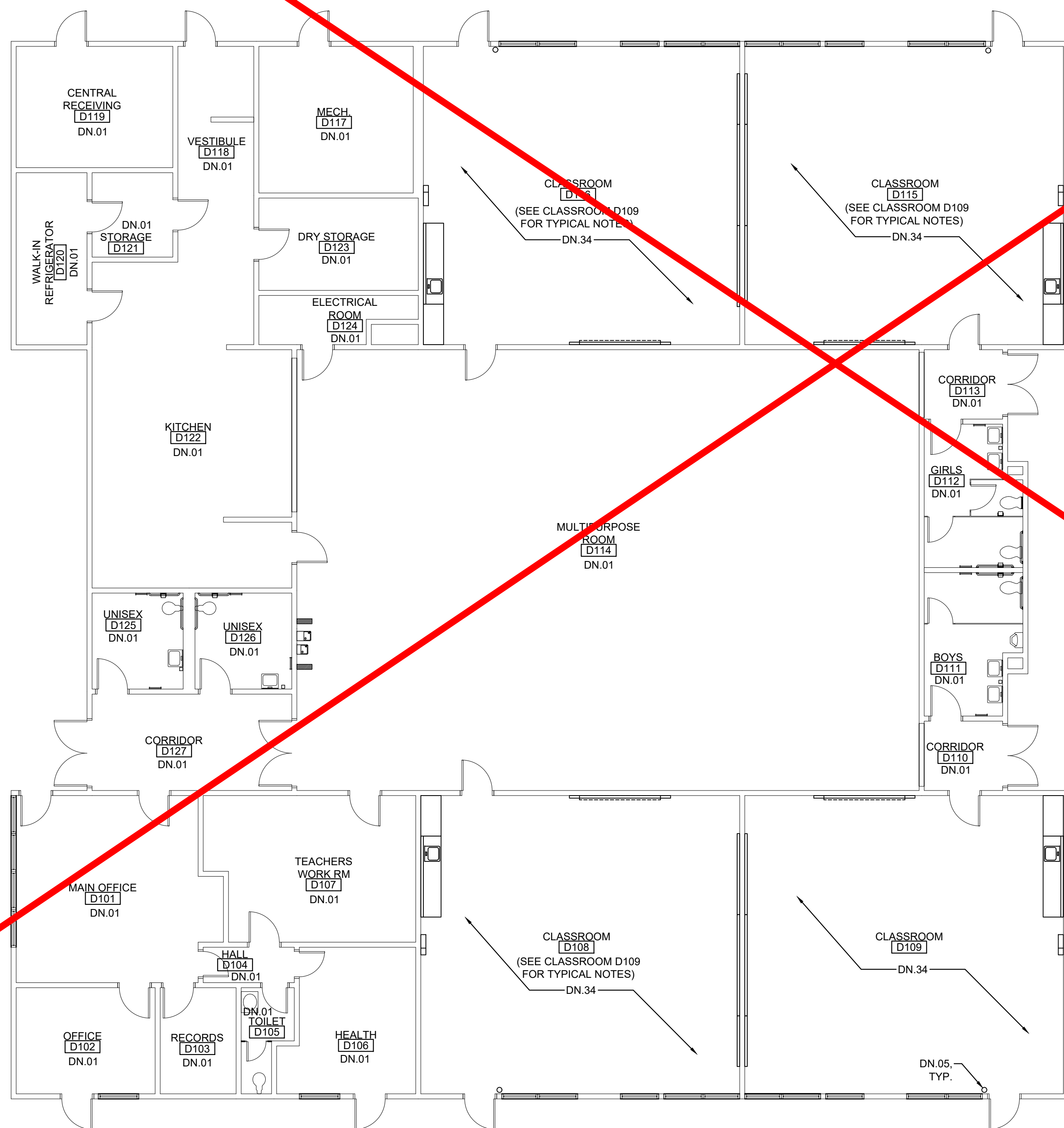
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AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

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**NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.**

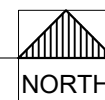
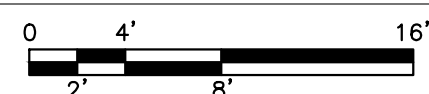
**NOTE:**  
CLASSROOM D108, D109, D115 & D116  
ARE THE ONLY SPACES WITHIN BLDG. D  
THAT WILL BE PAINTED & WILL RECEIVE  
NEW FLOORING. SEE DOOR SCHEDULE  
FOR NEW WORK SCOPE AT EXTERIOR  
DOORS.



1  
A2.1.D

## DEMOLITION FLOOR PLAN - BUILDING D

SCALE: 1/8" = 1'-0"



## GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY WALL, BOARDING, TACKLEBOARD, PROJECTOR SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WITH EITHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED, SHIELDING AND PROTECTED BY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS FOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

## DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDE/LEAD PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE RELOCATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORK DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP DISPENSER, TOWEL DISPENSER, STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLE ACCESSIBLE CLEARANCES PER CHS 101.601. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY AND/OR RELOCATE (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINE OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.11 REMOVE (E) TOILET ROOM ACCESSORY
- DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BOLLING. PATCH BACK EXISTING SURFACE TO MATCH.
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN.18 REMOVE (E) WATER HEATER
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN.20 REMOVE (E) TILE, MASONITE OR FRP FLOOR/CEILING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
- DN.22 REMOVE (E) PARTITION, PARTITION (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE, HOLLOW METAL FRAME TO REMOVE. INFILL DOOR OPENING PER DETAILS
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING. SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND W/ADAPTER - SEE ELEVATIONS FOR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
- DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE TO NEW LOCATION
- DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
- DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR AND GLAZING. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & W/AT BELOW CARPET. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR

## SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) OR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH INTERIOR TO MATCH - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECT. PAINT TO MATCH (N) PAINT AT CEILING
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLING FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DABBLE OR FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. SNIP TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

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# MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

# DEMOLITION FLOOR PLAN - BUILDING D

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

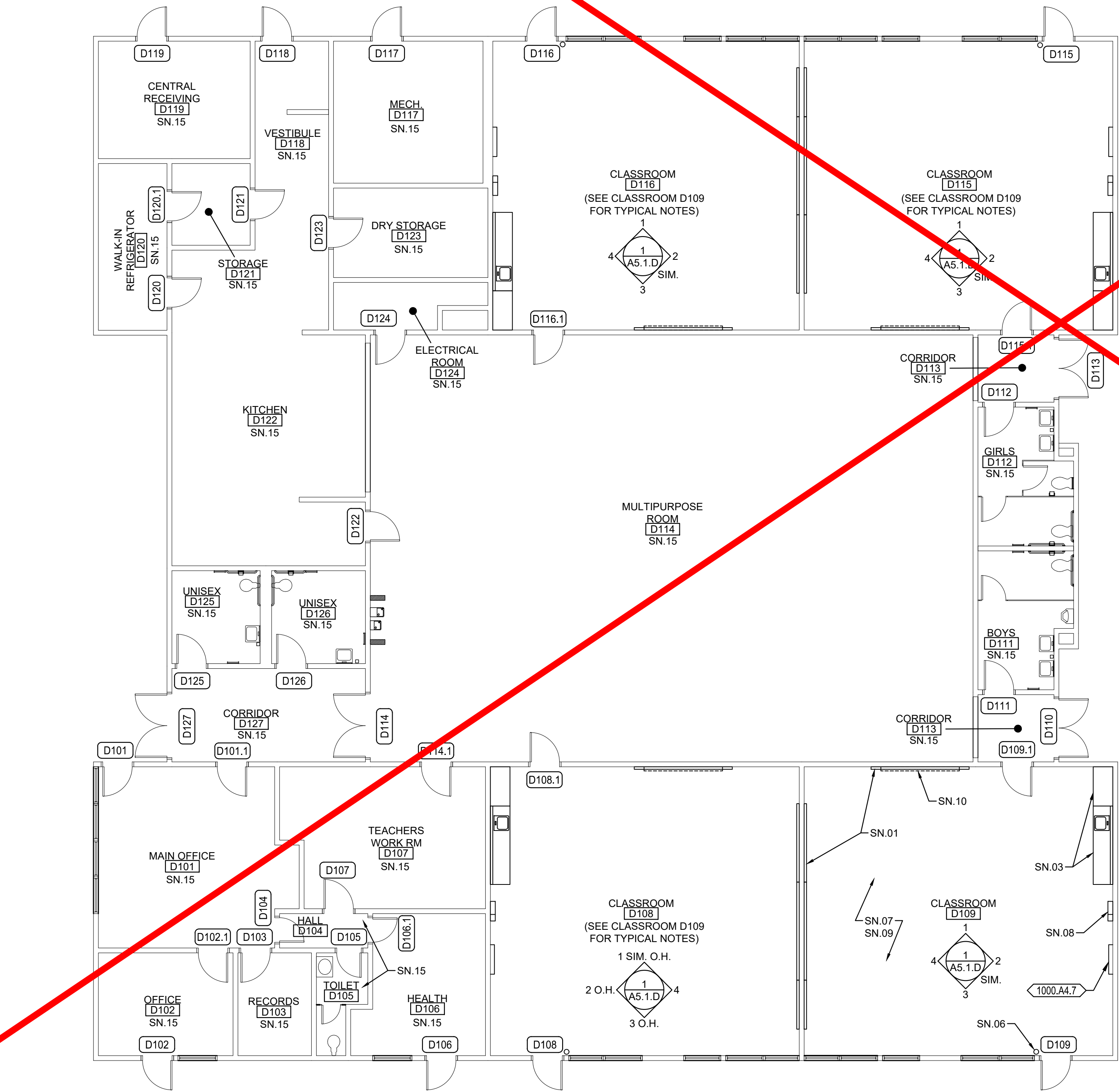
SHEET NO.

~~A2.1.D~~



**NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.**

**NOTE:  
CLASSROOM D108, D109, D115 & D116  
ARE THE ONLY SPACES WITHIN BLDG. D  
THAT WILL BE PAINTED & WILL RECEIVE  
NEW FLOORING. SEE DOOR SCHEDULE  
FOR NEW WORK SCOPE AT EXTERIOR  
DOORS.**



**1**  
**A2.2.D**  
**FLOOR PLAN - BUILDING D**  
SCALE: 1/8" = 1'-0"  
0 4' 8' 16'

## KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

### 0300 CONCRETE

0300.A1 CONCRETE SLAB ON GRADE

### 0600 WOOD, PLASTICS, COMPOSITES

0600.D1 PLASTIC LAMINATE CASEWORK

### 0900 FINISHES

0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE

0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)

0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

### 1000 SPECIALTIES

1000.A4 SIGNS

- 1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
- 2 DISABLED ACCESSIBLE PARKING STALL SIGN
- 3 ROOM IDENTIFICATION SIGN
- 4 RESTROOM IDENTIFICATION SIGN
- 5 TACTILE EXIT SIGN
- 6 SELF-ILLUMINATING EXIT SIGN
- 7 ASSISTIVE LISTENING DEVICE SIGN

1000.A5 TOILET PARTITION

- 1 TOILET PARTITION PILASTER

1000.A6 URINAL PARTITION

1000.A7 TOILET ACCESSORIES

- 1 PAPER TOWEL DISPENSER
- 2 TOILET PAPER DISPENSER
- 3 SANITARY NAPKIN DISPENSER
- 4 SOAP DISPENSER
- 5 MIRROR
- 6 SANITARY NAPKIN DISPOSAL RECEPTACLE
- 7 GRAB BAR
- 8 SHELF
- 9 MOP RACK
- 10 BABY CHANGING STATION
- 11 TOILET SEAT COVER DISPENSER
- 12 WASTE RECEPTACLE
- 13 WASTE RECEPTACLE-FREE STANDING

### 2200 PLUMBING

2200.A1 PLUMBING EQUIPMENT

- 1 SINK
- 2 LAVATORY
- 3 TOILET
- 4 URINAL
- 5 DRINKING FOUNTAIN
- 6 MOP SINK
- 7 WATER HEATER
- 8 ROOF DRAIN/OVERFLOW COMBO UNIT
- 9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
- 10 ROOF/OVERFLOW DRAIN DISCHARGE
- 11 CONDENSATE DRAIN LINE
- 12 VENT RISER PIPE
- 13 BOTTLE FILLER

2300 HVAC

2300.A2 CEILING REGISTER-SEE MECHANICAL

2300.A3 MECHANICAL DUCT

2600 ELECTRICAL

2600.A2 LIGHT FIXTURE

2600.A7 FIRE ALARM DEVICE

## GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

## DEMOLITION NOTES

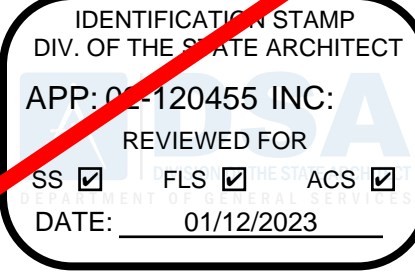
NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR FINISHES FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZES AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACK BOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES. CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE MOVED LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISASSEMBLY. THE CONTRACTOR SHALL PATCH BACK EXISTING FINISHES TO MATCH SURROUNDING FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.11 REMOVE (E) TOILET ROOM ACCESSORY
- DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN.18 REMOVE (E) WATER HEATER
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
- DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
- DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
- DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
- DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

## SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTOR OR PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM, INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITORIAL EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY OPENED RACEWAY THAT IS NOT BEING INSTALLED. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH - SEE ELEVATION AND DETAILS.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) WALL FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.



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Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

FLOOR PLAN - BUILDING D

CONSULTANT

PROJECT NO.

21-32-052

DATE

3/28/2022

DRAWN

MS

CHECKED

JCBS

SCALE

AS SHOWN

CADFILE

UPDATED

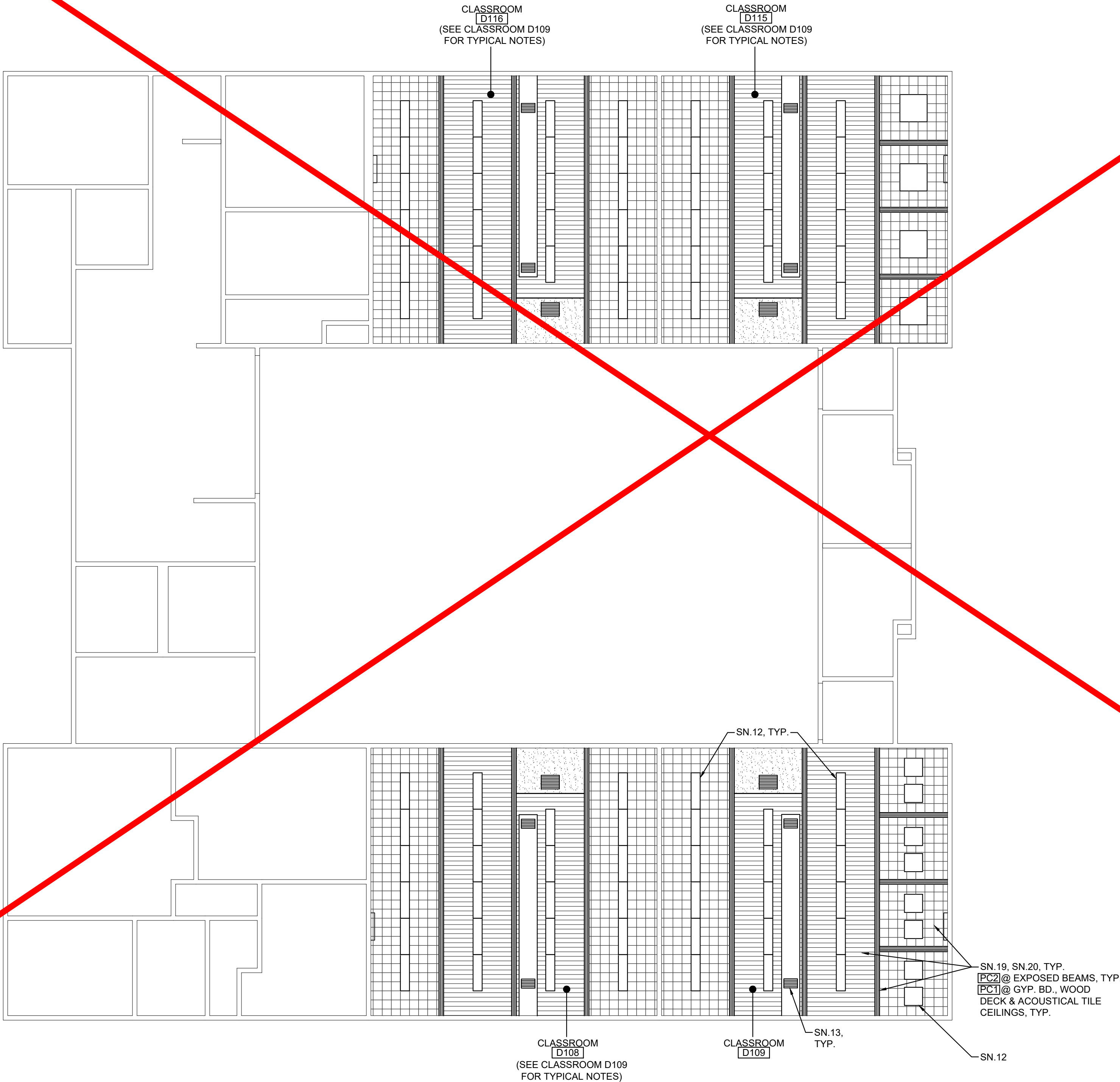
11/17/2022

SHEET NO.

**A2.2.D**



NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.



1 REFLECTED CEILING PLAN - BUILDING D  
A2.3.D

SCALE: 1/8" = 1'-0"

0 4' 16'  
2' 8'

NOTE:  
CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR  
NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO  
INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE  
THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.



## GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MARKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

## SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MARKERS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE, PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

## KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

### 0300 CONCRETE

0300.A1 CONCRETE SLAB ON GRADE

### 0600 WOOD, PLASTICS, COMPOSITES

0600.D1 PLASTIC LAMINATE CASEWORK

### 0900 FINISHES

0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

### 1000 SPECIALTIES

1000.A4 SIGNS

1. PARKING LOT ENTRANCE SIGN "TOWAWAY"
2. DISABLED ACCESSIBLE PARKING STALL SIGN
3. ROOM IDENTIFICATION SIGN
4. RESTROOM IDENTIFICATION SIGN
5. TACTILE EXIT SIGN
6. ILLUMINATING EXIT SIGN
7. ASSESSMENT LISTENING DEVICE SIGN

1000.A5 TOILET PARTITION

1. TOILET PARTITION PILASTER

1000.A6 URINAL PARTITION

1000.A7 TOILET ACCESSORIES

1. PAPER TOWEL DISPENSER
2. TOILET PAPER DISPENSER
3. SANITARY NAPKIN DISPENSER
4. SOAP DISPENSER
5. MIRROR
6. SANITARY NAPKIN DISPOSAL RECEPTACLE
7. GRAB BAR
8. SHELF
9. MOP RACK
10. BABY CHANGING STATION
11. TOILET SEAT COVER DISPENSER
12. WASTE RECEPTACLE
13. WASTE RECEPTACLE-FREE STANDING

### 2200 PLUMBING

2200.A1 PLUMBING EQUIPMENT

1. SINK
2. LAVATORY
3. TOILET
4. URINAL
5. DRINKING FOUNTAIN
6. MOP SINK
7. WATER HEATER
8. ROOF DRAIN/OVERFLOW COMBO UNIT
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
10. ROOF/OVERFLOW DRAIN DISCHARGE
11. CONDENSATE DRAIN LINE
12. VENT RISER PIPE
13. BOTTLE FILLER

2300 HVAC

2300.A2 CEILING REGISTER - SEE MECHANICAL

2300.A3 MECHANICAL DUCT

2600 ELECTRICAL

2600.A2 LIGHT FIXTURE

2600.A7 FIRE ALARM DEVICE

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR:  
FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

REFLECTED CEILING PLAN  
- BUILDING D

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A2.3.D



KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE**  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES**  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES**  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

- 1000 SPECIALTIES**  
1000.A4 SIGNS
- 1. PARKING LOT ENTRANCE SIGN "TOWAWAY"
  - 2. DISABLED ACCESSIBLE PARKING STALL SIGN
  - 3. ROOM IDENTIFICATION SIGN
  - 4. RESTROOM IDENTIFICATION SIGN
  - 5. TACTILE EXIT SIGN
  - 6. SELF-ILLUMINATING EXIT SIGN
  - 7. ASSISTIVE LISTENING DEVICE SIGN
- 1000.A5 TOILET PARTITION
- 1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION
- 1000.A7 TOILET ACCESSORIES
- 1. PAPER TOWEL DISPENSER
  - 2. TOILET PAPER DISPENSER
  - 3. SANITARY NAPKIN DISPENSER
  - 4. SOAP DISPENSER
  - 5. MIRROR
  - 6. SANITARY NAPKIN DISPOSAL RECEPTACLE
  - 7. GRAB BAR
  - 8. SHELF
  - 9. MOP RACK
  - 10. BABY CHANGING STATION
  - 11. TOILET SEAT COVER DISPENSER
  - 12. WASTE RECEPTACLE
  - 13. WASTE RECEPTACLE-FREE STANDING

- 2200 PLUMBING**  
2200.A1 PLUMBING EQUIPMENT
- 1. SINK
  - 2. LAVATORY
  - 3. TOILET
  - 4. URINAL
  - 5. DRINKING FOUNTAIN
  - 6. MOP SINK
  - 7. WATER HEATER
  - 8. ROOF DRAIN/OVERFLOW COMBO UNIT
  - 9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
  - 10. ROOF/OVERFLOW DRAIN DISCHARGE
  - 11. CONDENSATE DRAIN LINE
  - 12. VENT RISER PIPE
  - 13. BOTTLE FILLER
- 2200.W4 CEILING REGISTER - SEE MECHANICAL
- 2300.A2 MECHANICAL DUCT
- 2300.A3
- 2600 ELECTRICAL
- 2600.A2 LIGHT FIXTURE
- 2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
- NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
- WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

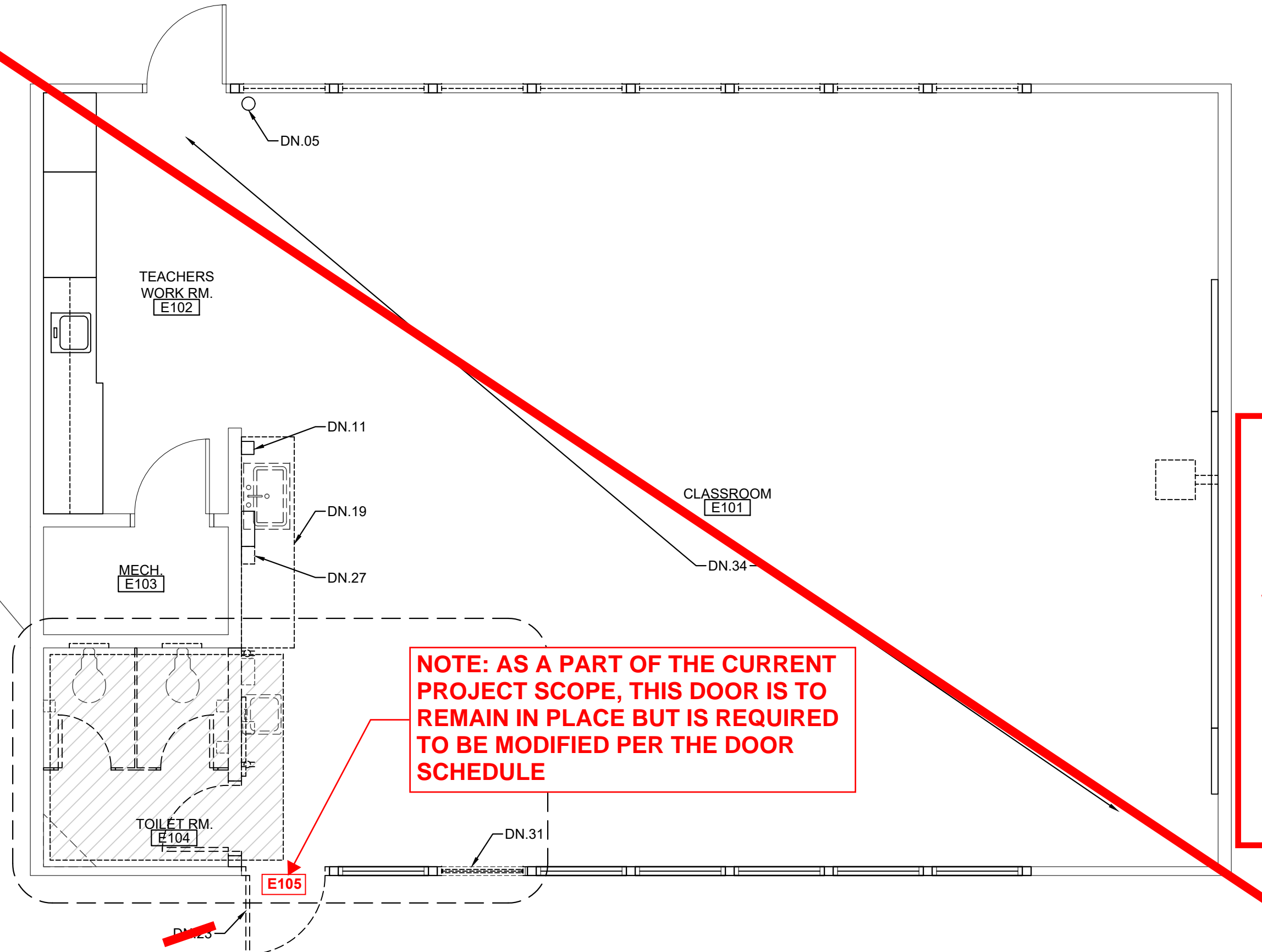
- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND NEW ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDE/LIGHT PANEL, TRANSOM, GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARD & TACKBOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY BE MOVED TO MOVE LATERALLY AND/OR UP/DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A2.1.E. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.11 REMOVE (E) TOILET ROOM ACCESSORY
- DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
- DN.18 REMOVE (E) WATER HEATER
- DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
- DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHES DN.21 REMOVE (E) MOP HOLDER
- DN.22 REMOVE (E) PARTITION, PATCH (E) FINISHES (FLOOR, WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
- DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
- DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
- DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
- DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
- DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR. - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
- DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
- DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL, FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
- DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH
- DN.31 REMOVE (E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
- DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
- DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
- DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

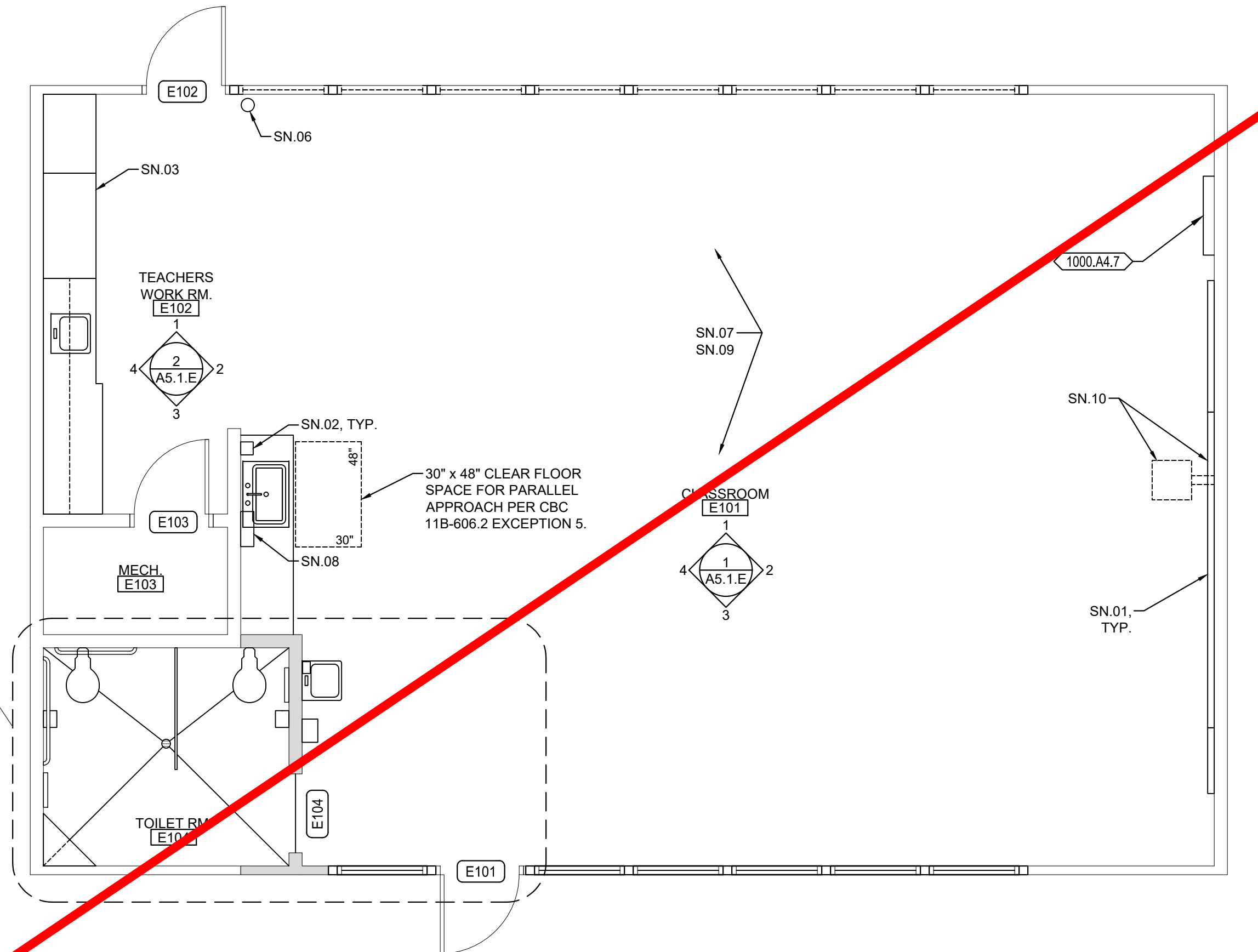
- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROTECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME & DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT REQUIRED AND INSTALL NEW RACEWAY THAT IS NOT REQUIRED. ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.



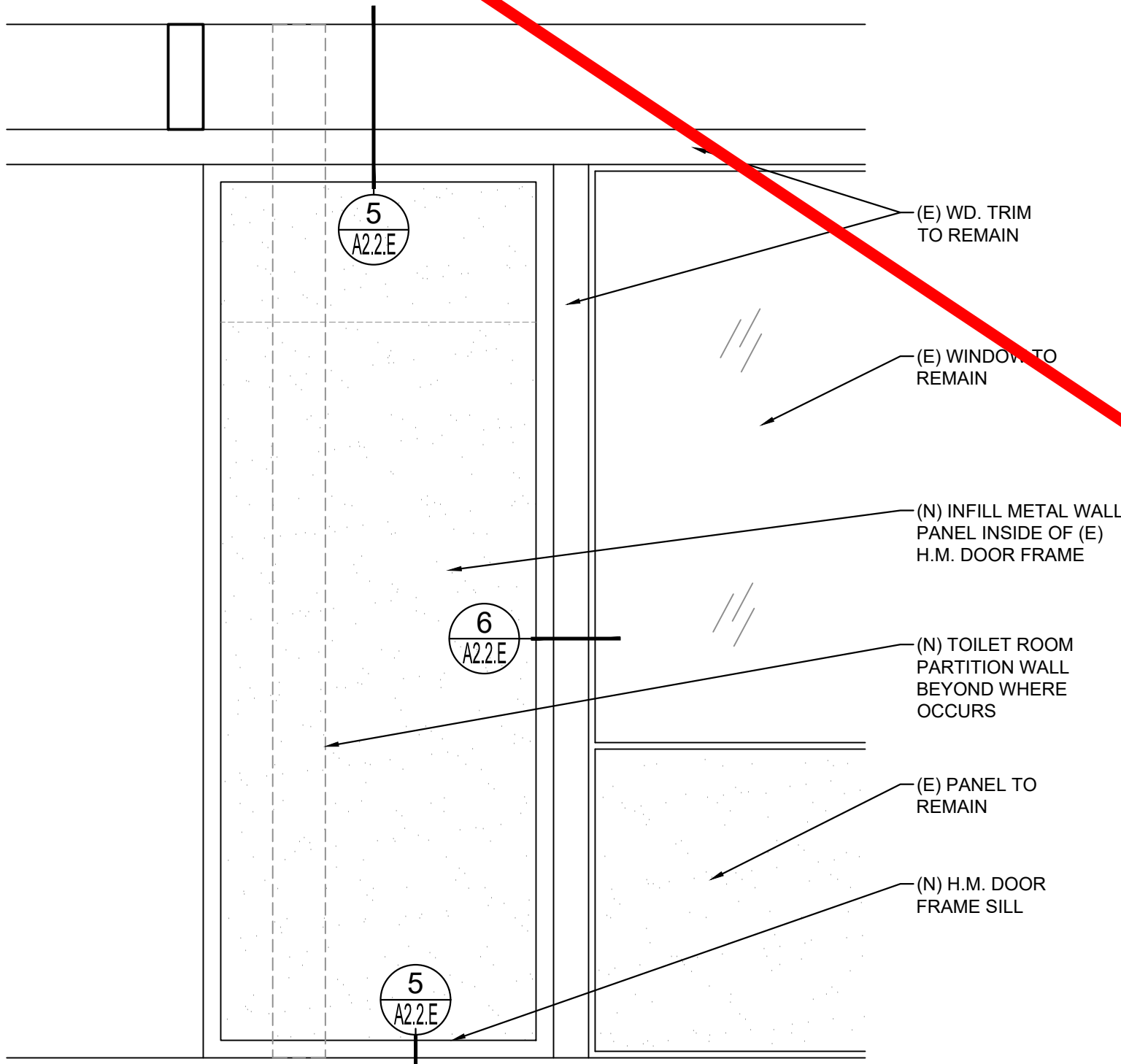
1 DEMOLITION FLOOR PLAN - BUILDING E

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



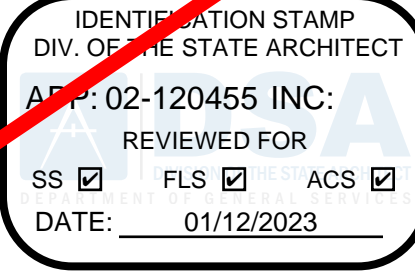
2 FLOOR PLAN - BUILDING E

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



3 ELEVATION - DOOR INFILL

SCALE: 3/4" = 1'-0"



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

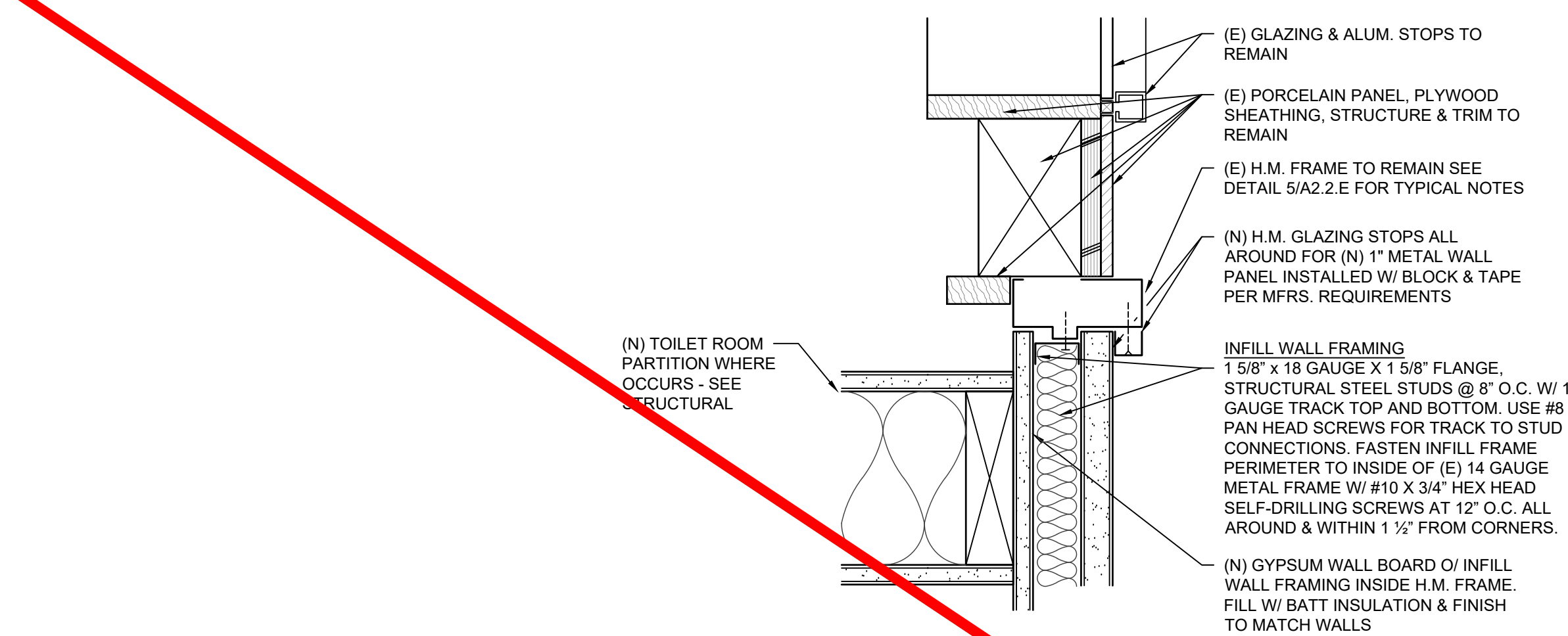
DEMOLITION & FLOOR  
PLANS - BUILDING E

CONSULTANT

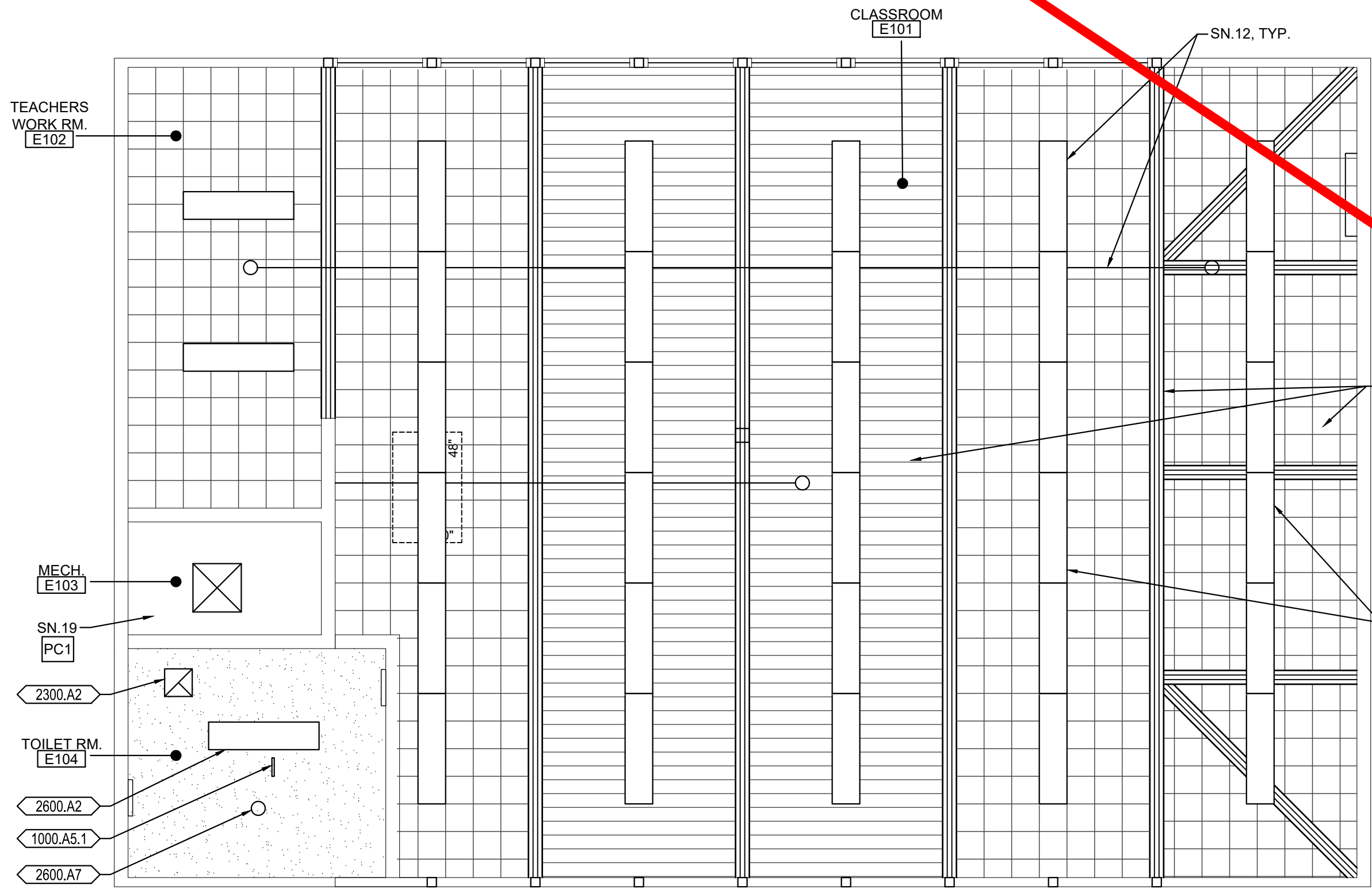
PROJECT NO.	REVISIONS	BY
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11/17/2022		
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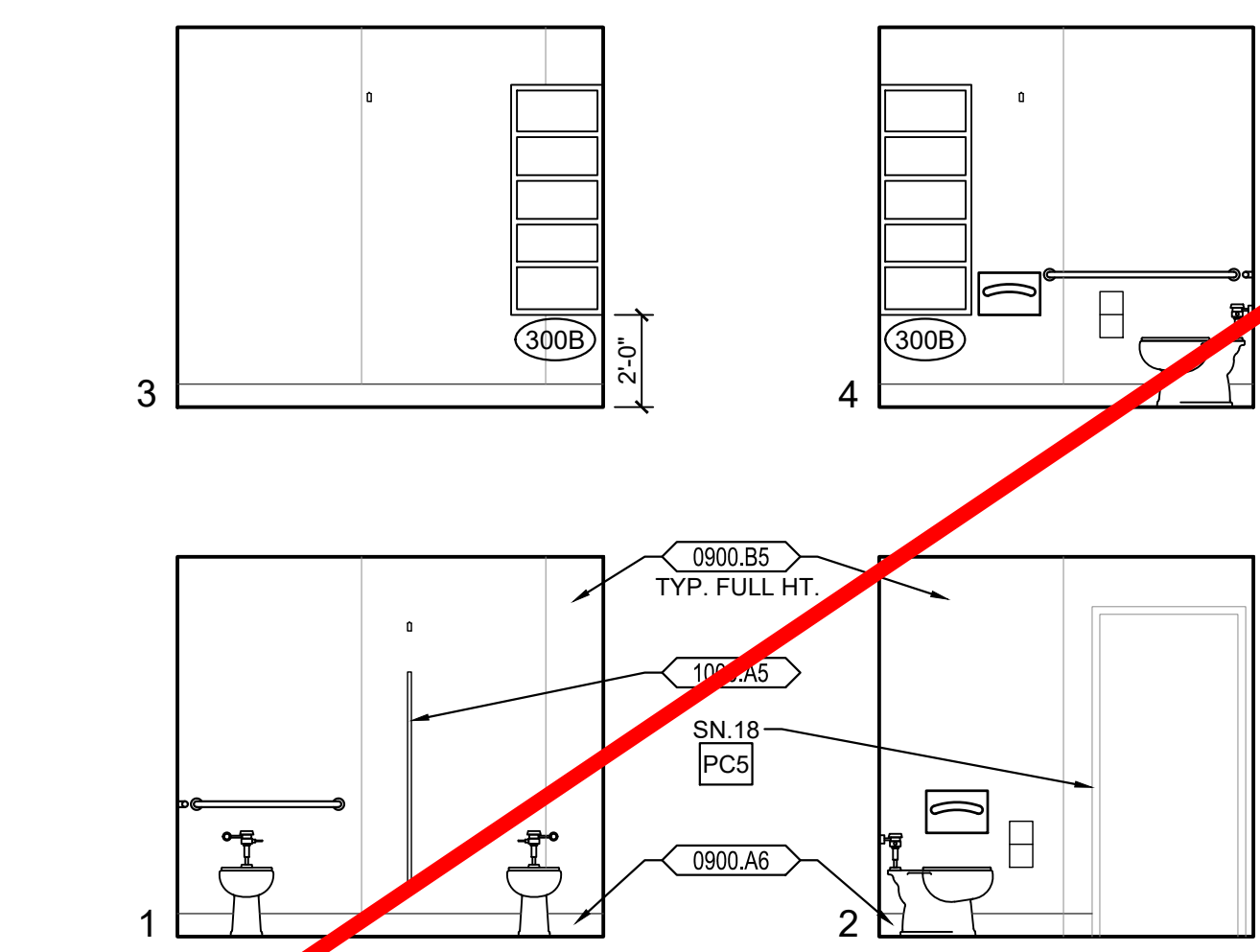


6 JAMB - H.M. DOOR FRAME INFILL  
SCALE: 3" = 1'-0"



4 REFLECTED CEILING PLAN - BUILDING E  
SCALE: 1/4" = 1'-0"

NOTE: CEILING FINISHES INDICATED IN THIS PLAN ARE EXISTING TO REMAIN OR NEW WHERE INDICATED TO BE REPLACED OR PATCHED DUE TO INSTALLATION OF ANY ABOVE CEILING COMPONENTS, BLOCKING, ETC. SEE THIS PLAN AND THE MATERIAL AND FINISH SCHEDULE FOR NEW FINISHES.

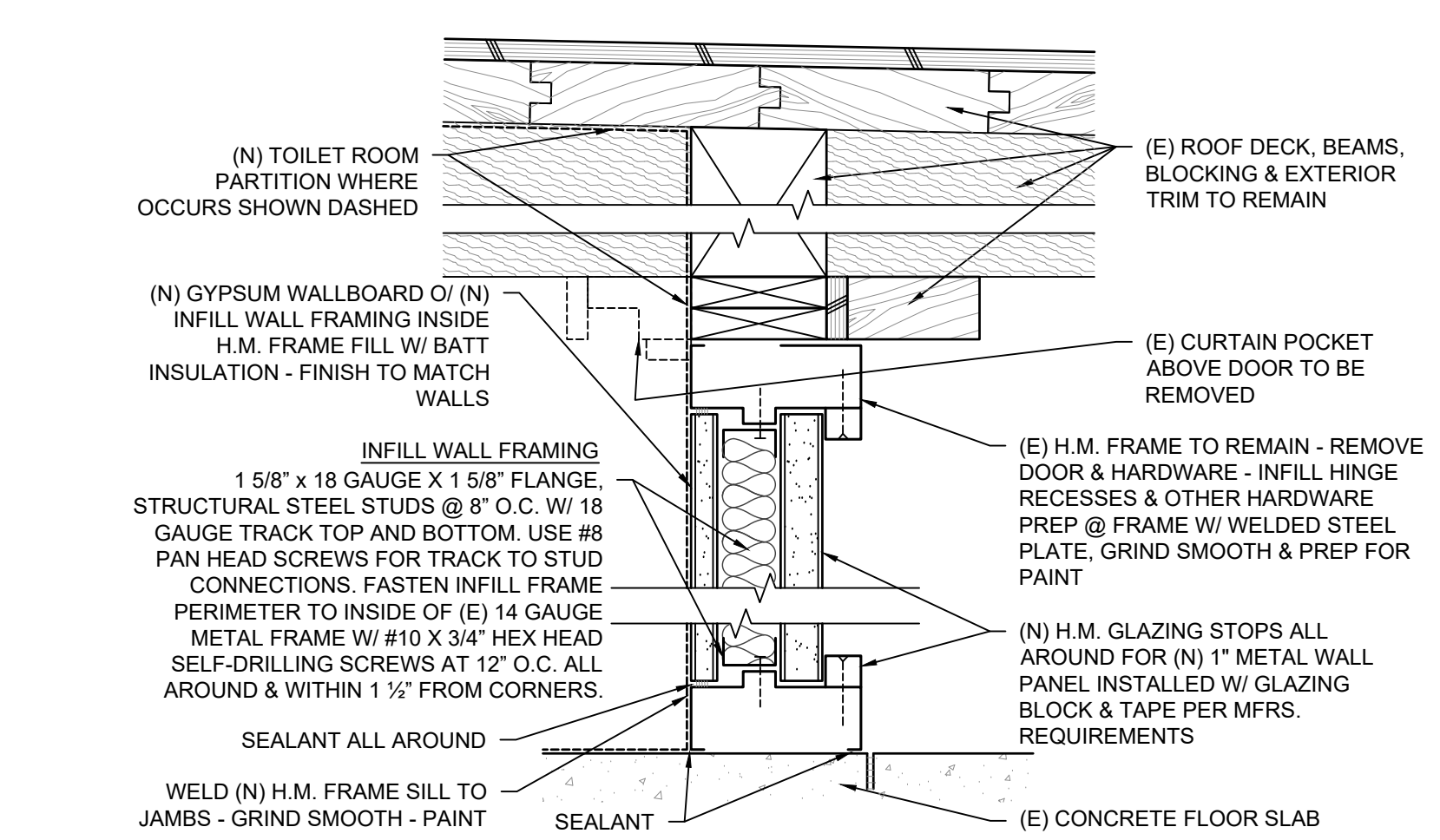


3 INTERIOR ELEVATIONS - TOILET RM. E104  
SCALE: 1/4" = 1'-0"

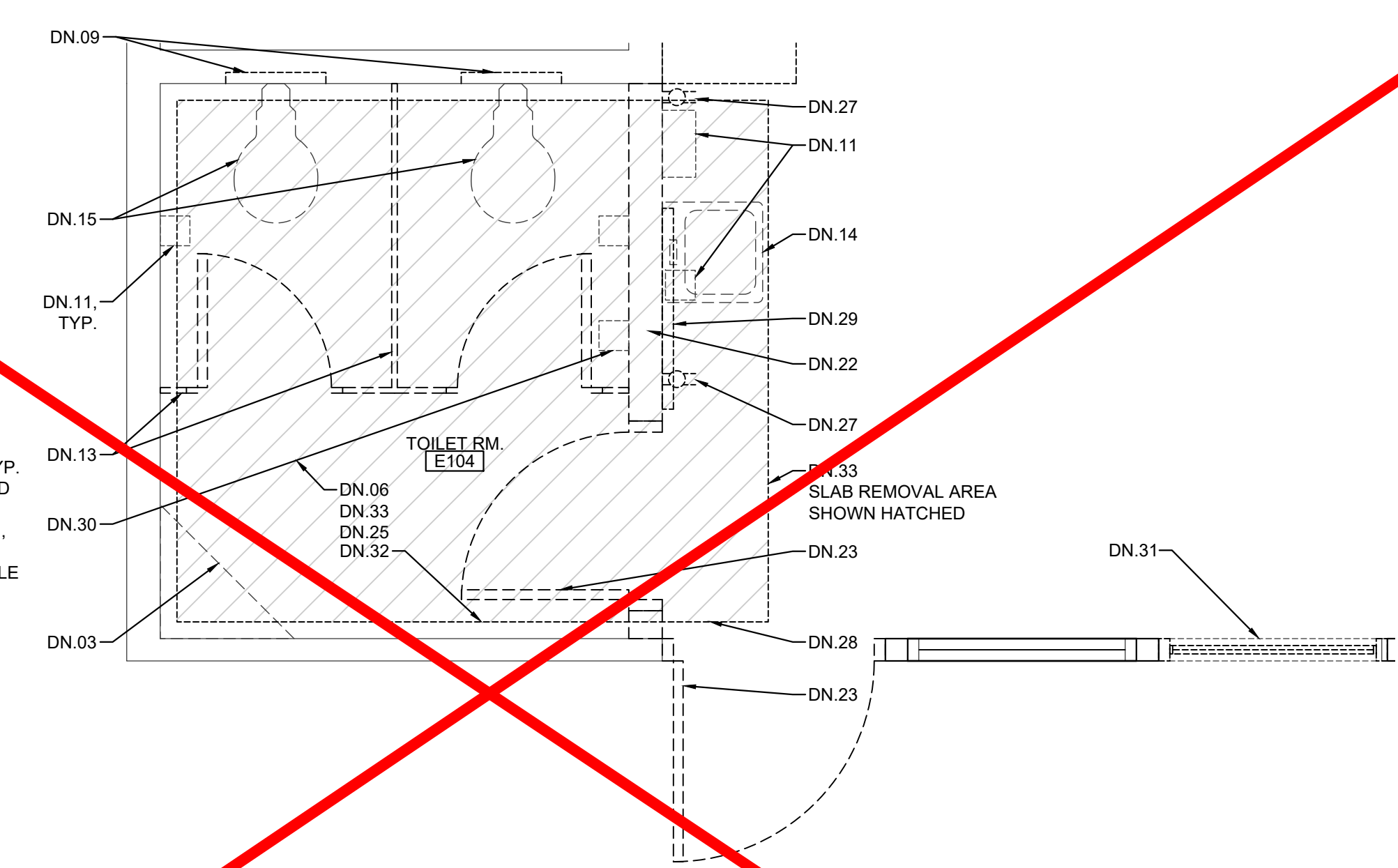
KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

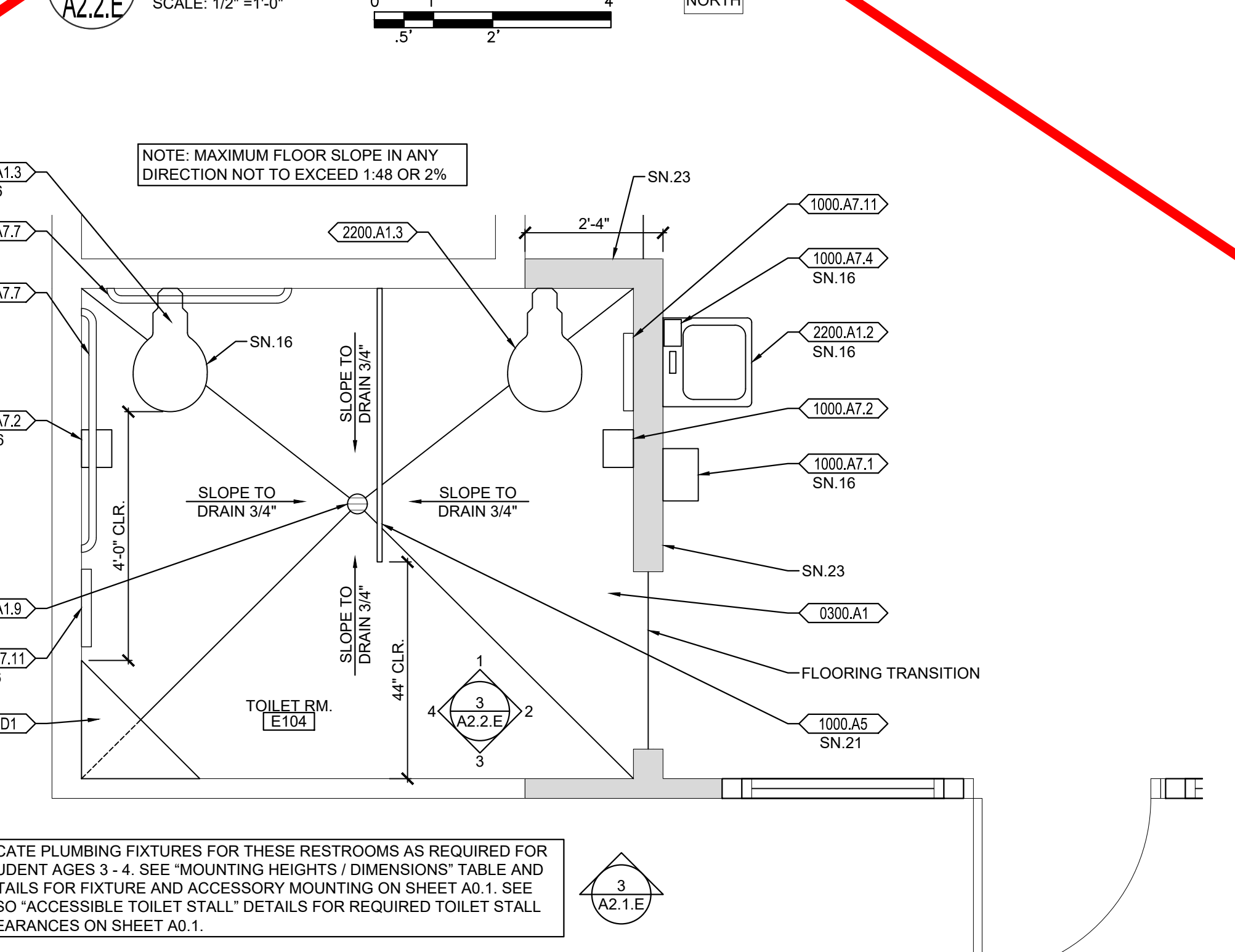
- 0300 CONCRETE  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES  
0900.A6 RESINOUS FLOOR FINISHING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING
- 1000 SPECIALTY SIGNS  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
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1. TOILET PARTITION PILASTER  
1000.A6 URINAL PARTITION  
1000.A7 TOILET ACCESSORIES  
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2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING
- 2200 PLUMBING  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
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8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER
- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT
- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE



5 HEAD & SILL - H.M. DOOR FRAME INFILL  
SCALE: 3" = 1'-0"



2 ENLARGED DEMOLITION TOILET PLAN  
SCALE: 1/2" = 1'-0"



1 ENLARGED TOILET PLAN  
SCALE: 1/2" = 1'-0"

GENERAL NOTES

- THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
- NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
- WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS, CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

- DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
- DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
- DN.03 REMOVE (E) CASEWORK AND SHELVING
- DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
- DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
- DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
- DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
- DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO BE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SCHEDULE FOR DOOR MODIFICATIONS. COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
- DN.10 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES
- DN.11 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
- DN.12 REMOVE (E) TOILET ROOM ACCESSORY
- DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH
- DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
- DN.15 REMOVE (E) TOILET - SEE PLUMBING
- DN.16 REMOVE (E) URINAL - SEE PLUMBING
- DN.17 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.18 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.19 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.20 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.21 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.22 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.23 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.24 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.25 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.26 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.27 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.28 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.29 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.30 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.31 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.32 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.33 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- DN.34 REMOVE (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.

NOTE: EXCEPT FOR MODIFICATIONS REQUIRED TO THE EXISTING EXTERIOR DOORS, THE WORK SCOPE SHOWN ON THIS SHEET IS NOT A PART OF THE CURRENT PROJECT SCOPE. SEE DOOR SCHEDULE FOR DOOR MODIFICATIONS SCOPE.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTED PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING HARDWARE TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING
- SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
- SN.15 NO NEW WORK THIS SPACE
- SN.16 DISABLED ACCESSIBLE
- SN.17 (E) EXPOSED WIRING, CABLEING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY COVERED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
- SN.18 PREP AND PAINT EXISTING WINDOW FRAMES, DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
- SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALL COVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING FINISHES.
- SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
- SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING AND CEILING CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
- SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
- SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION SHEET  
DIV. OF THE STATE ARCHITECT  
APP: 02-123455 INC:  
REVIEWED FOR  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

STEPHEN J. HENRY  
C-22525  
12/31/23  
RENEWAL DATE  
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

ENLARGED TOILET PLANS,  
INT. ELEVATION & REFLECTED  
CEILING PLAN - BUILDING E

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE	3/28/2022	
DRAWN	MS	
CHECKED	JCBS	
SCALE	AS SHOWN	
CADFILE		
UPDATED	11/17/2022	
SHEET NO.		

A2.2.E



## DOOR SCHEDULE

		DOOR							FRAME			DETAILS				
BUILDING, ROOM NAME & ROOM NUMBER	DOOR MARK	DOOR SIZE WIDTH X HEIGHT	TYPE	MATERIAL	FINISH	GLAZING	FIRE RATING	HARDWARE SET	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL	DOOR NOTES	
BLDG. A																
CLASSROOM A101	A101	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A102	A102	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A103	A103	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A103.1	A103.1	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A103.2	A103.2	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A103.3	A103.3	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A103.4	A103.4	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A104	A104	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM A105	A105	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
TEACHERS WORK RM. A106	A106	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
GRLE A107	A107	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
WALK A108	A108	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BOYS A109	A109	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
HALL A110	A110	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	D	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MECHANICAL A111	A111	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BLDG. B																
CLASSROOM B101	B101	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B102	B102	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B103	B103	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B103.1	B103.1	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B103.2	B103.2	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B103.3	B103.3	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B103.4	B103.4	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B104	B104	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM B105	B105	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
TEACHERS WORK RM. B106	B106	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
GRLE B107	B107	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
WALK B108	B108	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BOYS B109	B109	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
HALL B110	B110	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	D	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MECHANICAL B111	B111	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BLDG. C																
CLASSROOM C101	C101	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C102	C102	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C103	C103	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C103.1	C103.1	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C103.2	C103.2	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C103.3	C103.3	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C103.4	C103.4	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C104	C104	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM C105	C105	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
TEACHERS WORK RM. C106	C106	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
GRLE C107	C107	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
WALK C108	C108	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BOYS C109	C109	(N) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	4/A3.1.1 4/A3.1.1 4.5-20-22	
HALL C110	C110	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	D	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MECHANICAL C111	C111	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BLDG. D																
MAIN OFFICE D101	D101	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MAIN OFFICE D101	D101.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
OFFICE D102	D102	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
OFFICE D102	D102.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
RECEPTION D103	D103	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
HALL D104	D104	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
TOILET D105	D105	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
HEALTH D106	D106	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
HEALTH D106	D106.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
TEACHERS WORK RM. D107	D107	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
CLASSROOM D108	D108	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D109	D109	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D109	D109	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D109	D109.1	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CORRIDOR D110	D110	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BOYS D111	D111.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
GRLE D112	D112	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
CORRIDOR D113	D113	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MULTI-PURPOSE ROOM D114	D114	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
MULTI-PURPOSE ROOM D114	D114.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
CLASSROOM D115	D115	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D115	D115.1	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D116	D116	(E) 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
CLASSROOM D116	D116.1	(E) 3'-0"x7'-0"	A	WD	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MECHANICAL D117	D117	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
VEGETABLE D118	D118	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
CENTRAL RECEIVING D119	D119	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
WALK-IN REFRIGERATOR D120	D120	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
WALK-IN REFRIGERATOR D120	D120.1	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
STORAGE D121	D121	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
WIPEREN D122	D122	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
DRY STORAGE D123	D123	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
ELECTRICAL D124	D124	(E) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
UNISEX D125	D125	(E) 3'-0"x7'-0"							THIS DOOR TO RECEIVE NEW GLASS ONLY							2'-0-0 16-47
UNISEX D125	D125.1	(E) 3'-0"x7'-0"							THIS DOOR TO RECEIVE NEW GLASS ONLY							2'-0-0 16-47
CORRIDOR D127	D127	(E) PR. 3'-0"x7'-0"	B	WD	P	-	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
BLDG. E																
CLASSROOM E101	E101	(E) 3'-0"x7'-0"	B	WD	P	T	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
TEACHERS WORK RM. E102	E102	(E) 3'-0"x7'-0"	B	WD	P	T	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
MECH E103	E103	(E) 3'-0"x7'-0"	A	HM	P	-	-	2	A	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	
TOILET RM. E104	E104	(N) 3'-0"x7'-0"							NO WORK THIS DOOR							2'-0-0 16-47
CLASSROOM E105	E105	(E) 3'-0"x7'-0"	B	WD	P	T	-	2	B	HM	P	-	-	-	8/A3.1.1 2'-0-0 16-47	

## DOOR LEGEND

WD	WOOD	HM	HOLLOW METAL
T	TEMPERED SAFETY	SC	SOLID CORE WOOD
P	PAINT	PM	PREFINISHED METAL
F	FACTORY FINISH	AL	ALUMINUM
E	EXISTING	TC	TEMPERED SAFETY CLEAR
FG	FIBER GLASS	SS	STAINLESS STEEL

## DOOR NOTES

(NOTE: NOT ALL DOOR NOTES MAY BE USED)

- EXTERIOR DOORS SHALL BE WEATHER STRIPPED AND ALL JOINTS AND PENETRATIONS SHALL BE CHALKED AND SEALED.
- PROVIDE TACTILE EXIT SIGN PER DETAIL 2/A0.1
- PROVIDE ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1
- PROVIDE TOILET ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1
- PROVIDE TOILET ROOM DOOR SYMBOLS PER DETAIL 2/A0.1
- CBC 11B-404.2.5: ALL THRESHOLDS SHALL BE 1/2" INCH HIGH MAX. (ABOVE FLOOR AND LANDING ON BOTH SIDES) FLOORING TRANSITIONS PER DETAIL 8/A3.1.1 (CBC 11B-303.2 & 11B-303.3)
- CBC 11B-404.2.8.1: DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE MINIMUM TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS
- CBC 11B-404.2.8.2: THE MAXIMUM FORCE FOR PUSHING OR PULLING INTERIOR OR EXTERIOR DOORS IS 5 POUNDS
- CBC 11B-404.2.7: HARDWARE (I.E. LEVER) SHALL BE CENTERED BETWEEN 34" & 44" ABOVE FLOOR
- CBC 11B-309.4: OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM
- EXIT DOORS TO BE EQUIPPED WITH PANIC HARDWARE
- PROVIDE 1-6" WIDE X 1'-0" HIGH LOUVER @ TOP OF DOOR
- ALL EXTERIOR DOOR GLAZING SHALL BE DOUBLE PANE INSULATING TEMPERED SAFETY GLASS
- FLOOR DOOR STOPS TO BE LOCATED SO AS NOT TO CAUSE A TRIPPING HAZARD AND 4" MAX. FOR WALL
- UNDERCUT DOOR FOR 1/2" MIN. CLEARANCE
- UNDERCUT DOOR 1" FOR VENTILATION

NOTE:  
PER CBC SECTION 1010.1.11 ALL DOORS LEADING INTO ROOMS OR SPACES THAT HAVE AN OCCUPANT LOAD OF 5 OR MORE OCCUPANTS SHALL BE EQUIPPED WITH A DOOR LOCKSET TYPE THAT IS LOCKABLE FROM THE INSIDE. THE LOCKSET SHALL CONFORM TO THE SPECIFICATIONS AND REQUIREMENTS OF CBC SECTION 1010.1.9

## DOOR TYPES



**NOTE:**  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.

~~A3.1.2~~







GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAIL RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) METAL ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED DURING CONSTRUCTION OPERATIONS

**NOTE:**  
**EXCEPT FOR MODIFICATIONS REQUIRED TO THE EXISTING EXTERIOR DOORS, THE WORK SCOPE SHOWN ON THIS SHEET IS NOT A PART OF THE CURRENT PROJECT SCOPE. SEE DOOR SCHEDULE FOR DOOR MODIFICATIONS SCOPE.**

SPECIFICATION:

- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES

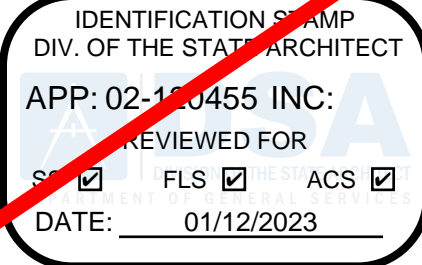
- 1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
6. SELF-ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN
- 1000.A5 TOILET PARTITION  
1. WATER TIGHT PARTITION PILASTER
- 1000.A6 URINAL PARTITION  
1. PAPER TOWEL DISPENSER  
2. TOILET PAPER DISPENSER  
3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING

- 2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER

- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT

- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
INTERIOR ELEVATIONS  
- BUILDING A

CONSULTANT

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A5.1.A



GENERAL NOTES

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SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

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- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS & LVP RAILS AND DESIGNS TO REMAIN IN PLACE AND PROTECTED DURING CONSTRUCTION OPERATIONS

**NOTE:**  
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KEYNOTES

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0300.A1 CONCRETE SLAB ON GRADE
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0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVERED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES

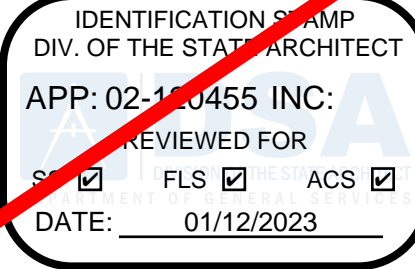
- 1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
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4. RESTROOM IDENTIFICATION SIGN  
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- 1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION  
1. TOILET ACCESSORY
- 1000.A7 TOILET ACCESSORY  
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6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
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13. WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING

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3. TOILET  
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5. DRINKING FOUNTAIN  
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7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
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- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE



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A5.1.B



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SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

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- SN.03 (E) CASEWORK TO REMAIN IN PLACE AND PROTECTED
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- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS & VIEW RIFTS AND DEVICES TO REMAIN IN PLACE AND PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.14 (E) CASEWORK, TACK BOARDS, MAIL RAILS, AND OTHER ITEMS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED
- SN.15 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.16 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.17 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.18 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.19 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.20 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED
- SN.21 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.22 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.23 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.25 PREP AND PAINT (E) WOOD SHELVING
- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

KEYNOTES

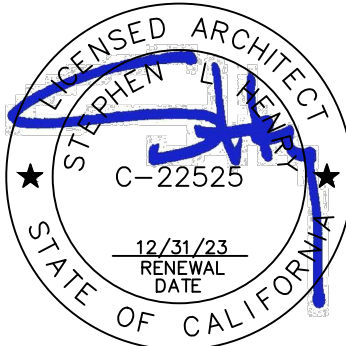
NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE  
0300.A1 CONCRETE SLAB ON GRADE
- 0600 WOOD, PLASTICS, COMPOSITES  
0600.D1 PLASTIC LAMINATE CASEWORK
- 0900 FINISHES  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVERED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING
- 1000 SPECIALTIES  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. TACTILE EXIT SIGN  
6. SELF-ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN  
1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER  
1000.A6 URINAL PARTITION  
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1. PAPER TOWEL DISPENSER  
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3. SANITARY NAPKIN DISPENSER  
4. SOAP DISPENSER  
5. MIRROR  
6. SANITARY NAPKIN DISPOSAL RECEPTACLE  
7. GRAB BAR  
8. SHELF  
9. MOP RACK  
10. BABY CHANGING STATION  
11. TOILET SEAT COVER DISPENSER  
12. WASTE RECEPTACLE  
13. WASTE RECEPTACLE-FREE STANDING
- 2200 PLUMBING  
2200.A1 PLUMBING EQUIPMENT  
1. SINK  
2. LAVATORY  
3. TOILET  
4. URINAL  
5. DRINKING FOUNTAIN  
6. MOP SINK  
7. WATER HEATER  
8. ROOF DRAIN/OVERFLOW COMBO UNIT  
9. FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE  
10. ROOF/OVERFLOW DRAIN DISCHARGE  
11. CONDENSATE DRAIN LINE  
12. VENT RISER PIPE  
13. BOTTLE FILLER

- 2300 HVAC  
2300.A2 CEILING REGISTER - SEE MECHANICAL  
2300.A3 MECHANICAL DUCT
- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-12-0455 INC:  
REVIEWED FOR  
SN. FLS. ACS.  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
INTERIOR ELEVATIONS  
- BUILDING C

CONSULTANT		
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
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CHECKED		
JCBS		
SCALE		
AS SHOWN		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

A5 1.C



GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LVP FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

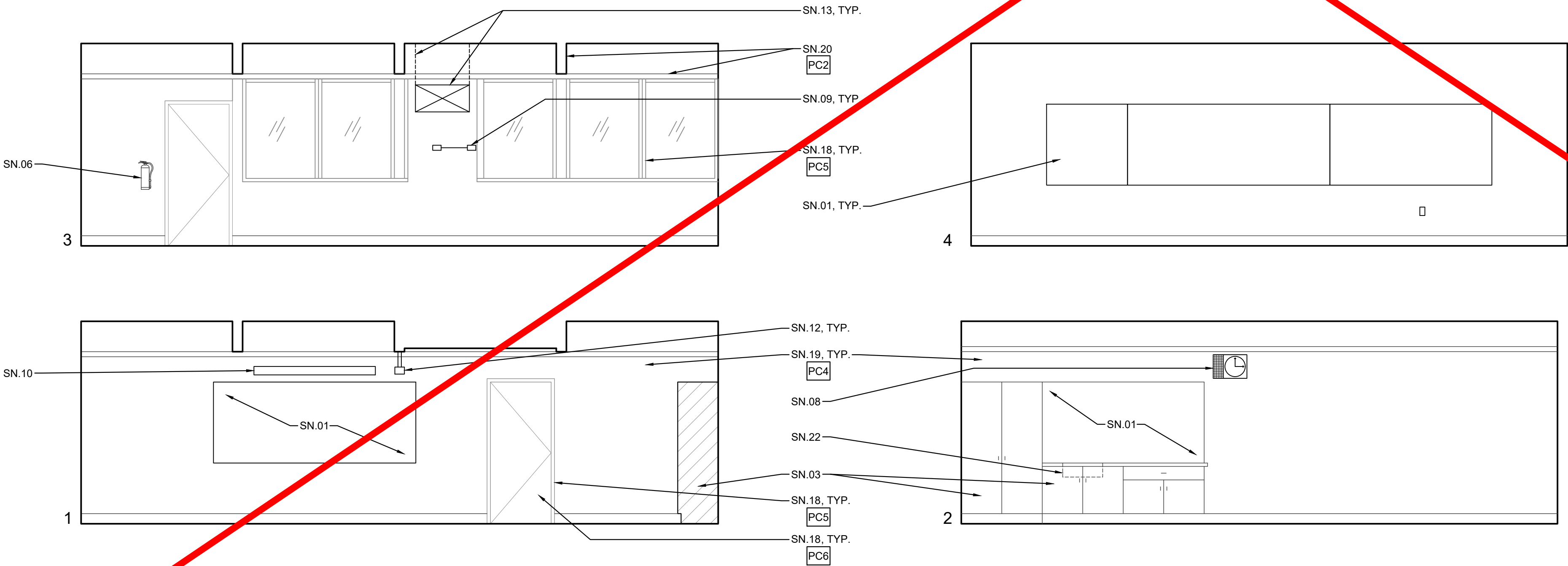
- SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
- SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
- SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
- SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
- SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
- SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
- SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
- SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED
- SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
- SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
- SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
- SN.13 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.14 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.15 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
- SN.16 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
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- SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

NOTE:  
EXCEPT FOR MODIFICATIONS  
REQUIRED TO THE EXISTING  
EXTERIOR DOORS, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE. SEE DOOR  
SCHEDULE FOR DOOR  
MODIFICATIONS SCOPE.

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

- 0300 CONCRETE  
0300.A1 CONCRETE SLAB ON GRADE
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- 0900 FINISHES  
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVERED BASE  
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)  
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING
- 1000 SPECIALTIES  
1000.A4 SIGNS  
1. PARKING LOT ENTRANCE SIGN "TOWAWAY"  
2. DISABLED ACCESSIBLE PARKING STALL SIGN  
3. ROOM IDENTIFICATION SIGN  
4. RESTROOM IDENTIFICATION SIGN  
5. RESTROOM TILE EXIT SIGN  
6. ILLUMINATING EXIT SIGN  
7. ASSISTIVE LISTENING DEVICE SIGN
- 1000.A5 TOILET PARTITION  
1. TOILET PARTITION PILASTER
- 1000.A6 URINAL PARTITION
- 1000.A7 TOILET ACCESSORIES  
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2300.A3 MECHANICAL DUCT
- 2600 ELECTRICAL  
2600.A2 LIGHT FIXTURE  
2600.A7 FIRE ALARM DEVICE



1  
A5.2.D  
SCALE: 1/4" = 1'-0"  
0 2' 8'  
1' 4'

INTERIOR ELEVATIONS - CLASSROOM - D108/D109/D115/D116

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-12-055 INC:  
REVIEWED FOR  
SS ☐ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
INTERIOR ELEVATIONS  
- BUILDING D

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
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A5.1.D




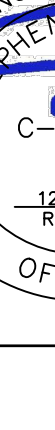
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3. REMOVE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS, CEILINGS AND/OR WALLS. FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITY AREAS. REMOVE ALL OTHER ITEMS. THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH, UTILIZE LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

(NOTE: NOT ALL NOTES MAY BE USED)

- |       |                                                                                                                                                                                                                                                    |                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| SN.01 | (E) DRY MARKER BOARDS, TACK BOARDS AND MARKER RAILS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                               |                                          |
| SN.02 | (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                    |                                          |
| SN.03 | (E) CASEWORK TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                      |                                          |
| SN.04 | (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                     |                                          |
| SN.05 | (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS                                                                                                            |                                          |
| SN.06 | (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.                                                                                        |                                          |
| SN.07 | (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS                                                                                                                                     |                                          |
| SN.08 | (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                 |                                          |
| SN.09 | (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, FIRE UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED. |                                          |
| SN.10 | (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.                                                                                                                                |                                          |
| SN.11 | INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH - SEE ELEVATION AND DETAILS.                                                                                                    |                                          |
| SN.12 | (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                       |                                          |
| SN.13 | (E) ACCESS PANELS TO REMAIN IN PLACE AND PROTECTED                                                                                                                                                                                                 | PROTECTED                                |
| SN.14 |                                                                                                                                                                                                                                                    | JURING                                   |
| SN.15 | <b>NOTE:</b>                                                                                                                                                                                                                                       |                                          |
| SN.16 | <b>EXCEPT FOR MODIFICATIONS</b>                                                                                                                                                                                                                    |                                          |
| SN.17 | <b>REQUIRED TO THE EXISTING</b>                                                                                                                                                                                                                    | ICE SNAP<br>STALL<br>TO WALL<br>PREP AND |
| SN.18 | <b>EXTERIOR DOORS, THE</b>                                                                                                                                                                                                                         |                                          |
| SN.19 | <b>WORK SCOPE SHOWN ON</b>                                                                                                                                                                                                                         | D NOT PAINT                              |
| SN.20 | <b>THIS SHEET IS NOT A PART</b>                                                                                                                                                                                                                    | S. PATCH<br>OR WALL<br>TCH (E) PRIOR     |
| SN.21 | <b>OF THE CURRENT PROJECT</b>                                                                                                                                                                                                                      |                                          |
| SN.22 | <b>SCOPE. SEE DOOR</b>                                                                                                                                                                                                                             | ALL<br>REPLACE AND                       |
| SN.23 | <b>SCHEDULE FOR DOOR</b>                                                                                                                                                                                                                           |                                          |
| SN.24 | <b>MODIFICATIONS SCOPE.</b>                                                                                                                                                                                                                        | RD EA. SIDE.<br>ON PER                   |
| SN.25 | (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.                                                                                                                                        |                                          |
| SN.26 | PREP AND PAINT (E) WOOD SHELVEING                                                                                                                                                                                                                  |                                          |
| SN.27 | REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.                                                                                                                                                  |                                          |

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- 2200 PLUMBING**  
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<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;">             IDENTIFICATION STAMP              DIV. OF THE STATE ARCHITECT              APP: 02-120355 INC:              REVIEWED FOR              SS: <input type="checkbox"/> FLS: <input checked="" type="checkbox"/> ACS: <input checked="" type="checkbox"/>              DATE: 01/12/2023           </div>		
730 Howe Avenue, Suite 450 Sacramento, CA 95825 Phone: 916.921.2112 Fax: 916.921.2212		
 <div style="display: inline-block; vertical-align: middle; text-align: left;"> <b>HENRY+</b>  <b>ASSOCIATES</b>  <b>ARCHITECTS</b> </div>		
		
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <b>MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL</b> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <b>INTERIOR ELEVATIONS - BUILDING E</b> </div> </div>		
CONSULTANT		
PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		
SHEET NO.		
<div style="font-size: 2em; font-weight: bold;">A5.1.E</div>		



STRUCTURAL STEEL NOTES:

1. THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2019 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16TH EDITION.
2. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING
- |     |                 |                                 |
|-----|-----------------|---------------------------------|
| 2.1 | PIPE            | ASTM A53, Fy = 35 KSI           |
| 2.2 | ANGLES          | ASTM A36, Fy = 36 KSI           |
| 2.3 | BARs AND PLATES | ASTM A36, Fy = 36 KSI           |
| 2.4 | RECTANGULAR HSS | ASTM A500, GRADE B, Fy = 46 KSI |
3. WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
4. ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE  $\frac{5}{16}$ " MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE  $\frac{3}{32}$ " MAX DIAMETER.
5. ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
6. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE  $\frac{1}{2}$ " MINIMUM COVER.
7. ALL STEEL BOLTS ARE TO HAVE STANDARD GAGE AND PITCH PER AISC. ALL STEEL-TO-STEEL BOLTED CONNECTIONS SHALL BE WITH A325-N BOLTS, UNO. ALL EMBEDDED ANCHOR BOLTS SHALL BE F1554 GRADE 36 UNO. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE  $\frac{1}{8}$ " OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE  $\frac{1}{8}$ " OVERSIZE, UNO.
8. STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
- |     |                                                        |
|-----|--------------------------------------------------------|
| 8.1 | STEEL SURFACES EMBEDDED IN CONCRETE                    |
| 8.2 | SURFACES TO BE FIELD WELDED                            |
| 8.3 | CONTACT SURFACES WITH HIGH STRENGTH BOLTED CONNECTIONS |
9. ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY  $\frac{1}{2}$ " ± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS AND BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, HIGH-STRENGTH, POURABLE GROUT.

POST INSTALLED ANCHOR NOTES:

1. ALL POST INSTALLED ANCHORS ARE TO BE INSTALLED PER MANUFACTURER FOR EACH ANCHOR AND PER THE ICC REPORTS LISTED BELOW.
2. ALL POST-INSTALLED ANCHORS ARE TO BE CAREFULLY INSTALLED SO AS TO NOT DISTURB OR DAMAGE THE STEEL REINFORCING IN ANY WAY. ANCHORS MAY NOT BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED A MINIMUM AGE OF 28 DAYS
3. ALL HOLES FOR DRILLED-IN ANCHORS SHALL BE COMPLETELY DRY AND WELL CLEANED WITH A BOTTLE BRUSH AND COMPRESSED AIR PRIOR TO INSTALLING THE ANCHORS.
4. ALL DRILLED-IN ANCHORS SHALL BE TESTED PER CHAPTER 17 OF THE 2019 CBC. ALL TESTING SHALL BE DONE BY A CERTIFIED TESTING LABORATORY AND SHALL BE PERFORMED IN THE PRESENCE OF A SPECIAL INSPECTOR.
5. POST-INSTALLED ANCHORS ARE TO BE AS FOLLOWS:
- |     |                                        |
|-----|----------------------------------------|
| 5.1 | EXPANSION ANCHORS IN CONCRETE          |
|     | HILTI KB T22 PER ICC ESR 4266          |
| 5.2 | EXPANSION ANCHORS IN FULLY GROUTED CMU |
|     | HILTI KB T22 PER ICC ESR 4561          |
6. POST-INSTALLED ANCHORS ARE TO BE INSTALLED ONLY WHERE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS, WITH EMBEDMENTS AND PROOF TESTING AS SPECIFICALLY IDENTIFIED IN EACH APPLICABLE DETAIL. FOR ADDITIONAL INFORMATION, UNO, FOR EXPANSION ANCHORS, SEE TABLE BELOW.
7. POST-INSTALLED ANCHORS MAY NOT BE USED AT LOCATIONS OTHER THAN THOSE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.

CONCRETE: HILTI KWIK BOLT T22 EXPANSION ANCHORS  
SEE ICC-ER ESR-4266 TABLE 1

ANCHOR DIAMETER	$\frac{3}{8}"\varnothing$	$\frac{1}{2}"\varnothing$	$\frac{5}{8}"\varnothing$
BIT DIAMETER	$\frac{3}{8}"\varnothing$	$\frac{1}{2}"\varnothing$	$\frac{5}{8}"\varnothing$
NOMINAL EMBEDMENT	2 $\frac{1}{2}"$	2 $\frac{1}{2}"$	4 $\frac{1}{2}"$
HOLE DEPTH	2 $\frac{3}{4}"$	2 $\frac{3}{4}"$	4 $\frac{3}{4}"$
TORQUE (STAINLESS STEEL)	30 FT-LB	40 FT-LB	60 FT-LB

CMU: HILTI KWIK BOLT T22 EXPANSION ANCHORS  
SEE ICC-ER ESR-4561 TABLE 1

ANCHOR DIAMETER	$\frac{3}{8}"\varnothing$	$\frac{1}{2}"\varnothing$	$\frac{5}{8}"\varnothing$
BIT DIAMETER	$\frac{3}{8}"\varnothing$	$\frac{1}{2}"\varnothing$	$\frac{5}{8}"\varnothing$
NOMINAL EMBEDMENT	2 $\frac{1}{2}"$	2 $\frac{1}{2}"$	4 $\frac{1}{2}"$
HOLE DEPTH	2 $\frac{3}{4}"$	2 $\frac{3}{4}"$	4 $\frac{3}{4}"$
TORQUE (STAINLESS STEEL)	30 FT-LB	40 FT-LB	60 FT-LB

STEEL REINFORCING NOTES:

1. ALL CONCRETE REINFORCING SHALL CONFORM TO THE 2019 CBC AND BE DETAILED, FABRICATED, AND PLASD PER ACI 318-14, AND PER THE LATEST EDITION OF ACI 315.
2. REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60 (SEE NOTE 10 BELOW).
3. ALL BENDING OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
4. REINFORCEMENT IN SLABS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
5. LAP SPLICES OF CONCRETE REINFORCEMENT
- |     |               |
|-----|---------------|
| 5.1 | #3 BARS = 30" |
| 5.2 | #4 BARS = 40" |
| 5.3 | #5 BARS = 48" |
| 5.4 | #6 BARS = 60" |
6. ALL ADJACENT REINFORCING LAPS ARE TO BE STAGGERED A MINIMUM OF 5'-0".
7. REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, UNO:
- |     |                                                       |                     |
|-----|-------------------------------------------------------|---------------------|
| 7.1 | POURED AGAINST EXCAVATIONS/GROUND                     | = 3"                |
| 7.2 | POURED AGAINST FORMS, EXPOSED TO SOIL                 | = 2"                |
| 7.3 | CONCRETE EXPOSED TO WEATHER                           | = 1 $\frac{1}{2}$ " |
| 7.4 | SLABS ON GRADE - CENTER REINFORCING WITHIN SLAB DEPTH |                     |
8. REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.
9. WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
10. WELDING OF REINFORCING IS NOT PERMITTED UNLESS SHOWN ON THESE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL FROM THE SEOR.

CONCRETE MASONRY NOTES:

1. ALL CONCRETE MASONRY UNITS SHALL BE GRADE N WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI. USE OPEN END UNITS AS REQUIRED TO MAINTAIN REINFORCEMENT CLEARANCES AND PROPERLY CONSOLIDATE GROUT. ALL CELLS TO BE SOLID GROUTED. UNITS TO BE SAMPLED AND TESTED TO VERIFY CONFORMANCE WITH ASTM C90.
2. GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI AND HAVE MINIMUM 7 SACKS OF CEMENT/CU YD. ADD ONE POUND SIKa GROUT AID PER 100 LB OF CEMENT. GROUT SHALL CONFORM WITH TMS 602.
3. MORTAR SHALL BE TYPE S IN ACCORDANCE WITH TMS 602 WITH A MINIMUM 28-DAY STRENGTH OF 1800 PSI.
4. LAP ALL REINFORCEMENT 80 BAR DIAMETERS UNLESS NOTED OTHERWISE. WHERE LAPS OF ADJACENT BARS ARE SPACED 3" OR LESS, INCREASE LAP LENGTH 30%.
5. ALL REINFORCEMENT TO BE TIED AND SECURED IN PLACE PRIOR TO GROUTING.
6. LOW-LIFT GROUTED CONSTRUCTION IS TO BE PER 2019 CBC 2104A.1.3.1.2.2. HIGH-LIFT GROUTED CONSTRUCTION IS TO BE PER 2019 CBC 2104A.1.3.1.2.3. HIGH-LIFT GROUTED CONSTRUCTION REQUIRES DSA APPROVAL AND SHALL BE IN ACCORDANCE WITH DSA IR 21-2.
7. PROVIDE INVERTED BOND UNIT AT BOTTOM OF ALL LIFTS AS REQUIRED TO FACILITATE PLACEMENT OF CLEAN OUTS.
8. FOOTING DOWELS WITH STANDARD HOOK SHALL MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT UNO. PROVIDE MINIMUM LAP W/ VERTICAL REINFORCEMENT AND EXTEND HOOKED END TO WITHIN 3" OF BOTTOM OF FOOTING UNO.
9. PROVIDE 2-#5 CONT IN BOND BEAM UNITS AT THE TOPS OF WALLS AND AT ALL ROOF LEDGER LOCATIONS
10. PROVIDE TEMPLATES AS REQUIRED TO SECURE BOLTS IN POSITION. PROVIDE 1" MIN GROUT AROUND BOLTS.
11. PROVIDE CONTROL JOINTS @ 40'oc MAX SPACING.
12. PROVIDE TEST AND INSPECTIONS IN COMPLIANCE WITH TMS 402 FOR LEVEL B QUALITY ASSURANCE.

CONCRETE NOTES:

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2019 CBC AND ACI 318-14.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.
3. STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 3.1 CLASS A FOR USE AT FOUNDATIONS AND OTHER CONCRETE GREATER THAN 8" THICKNESS 28-DAY STRENGTH, F'c = 3,500 PSI  
MAX AGGREGATE SIZE = 1 $\frac{1}{2}$ "  
MAX WATER TO CEMENT RATIO = 0.55  
SLUMP = 4" ± 1"
- 3.2 CLASS B FOR USE AT CONCRETE 8" OR LESS IN THICKNESS INCLUDING INTERIOR SLABS AND EXTERIOR SLAB AT TRASH ENCLOSURE 28-DAY STRENGTH, F'c = 4,000 PSI  
MAX AGGREGATE SIZE = 1 $\frac{1}{2}$ "  
MAX WATER TO CEMENT RATIO = 0.45  
SLUMP = 4" ± 1"
- 3.2 CLASS C FOR USE AT EXTERIOR SLABS ON GRADE, WALKWAYS, RAMPS, ETC. 28-DAY STRENGTH, F'c = 3,500 PSI  
MAX AGGREGATE SIZE = 1"  
MAX WATER TO CEMENT RATIO = 0.55  
SLUMP = 4" ± 1"
- NOTE: CONCRETE TYPE CLASS B MAY BE USED IN LIEU OF CLASS A WHEN FOOTINGS, CURBS, AND SLABS ARE POURED MONOLITHICALLY.
4. CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
- |     |                                             |
|-----|---------------------------------------------|
| 4.1 | PORTLAND CEMENT PER ASTM C-150 TYPE I OR II |
| 4.2 | COARSE AND FINE AGGREGATES PER ASTM C-33    |
| 4.3 | REINFORCING PER ASTM A615 GRADE 60, UNO     |
| 4.4 | FLY ASH PER ASTM C-618 CLASS N OR F         |
| 4.5 | ADMIXTURES PER PROJECT SPECIFICATIONS       |
5. ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.
6. ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
7. FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.
8. CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
9. CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO  $\frac{1}{4}$ " AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
10. ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF ACI 318.
11. REFER TO ACI RECOMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD AND HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS
12. CONTRACTOR IS RESPONSIBLE FOR DETERMING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.
13. ALL SLABS SHALL BE FLAT AND LEVEL W/A TOLERANCE OF  $\frac{3}{16}"$  IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER ASTM 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.
14. CONDUITS AND PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
15. DSA AND THE STRUCTURAL ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS BEFORE PLACING CONCRETE (T-24 PART 1, 4-331).

DESIGN CRITERIA:

1. PROJECT ADDRESS: 1100 NORTH HAM LANE  
LODI, CA 95242
2. BUILDING CODE: 2019 CALIFORNIA BUILDING CODE
3. GRAVITY LOADS: ESTIMATES OF AS-BUILT CONDITIONS FOR EXISTING BUILDINGS
- BUILDING ROOFS
- ROOF LIVE LOAD = 20 PSF (REDUCIBLE)  
ROOF DEAD LOAD = 20 PSF
- WALL WEIGHTS
- EXTERIOR WALLS = 15 PSF  
INTERIOR WALLS = 10 PSF
4. LATERAL LOADS: RISK CATEGORY III
- WIND LOADS (ASCE 7-16)
- BASIC WIND SPEED 100 MPH (77 MPH ASD)  
EXPOSURE C  
BUILDINGS ARE CONSIDERED "ENCLOSED"
- PRESSURE COEFFICIENTS
- INTERNAL PRESSURE COEFFICIENT, GCp= ± 0.18  
TOPOGRAPHIC FACTOR, Kzt= 1.00  
WIND DIRECTIONALITY FACTOR, Kd= 0.85
- VELOCITY PRESSURES
- q (0'-15') = 11.0 PSF (ASD)  
q (15'-20') = 11.6 PSF (ASD)
- SEISMIC LOADS (ASCE 7-16) - NEW TRASH ENCLOSURE
- |                         |      |                |
|-------------------------|------|----------------|
| SITE CLASS              | D    | R = 1.25       |
| SEISMIC DESIGN CATEGORY | D    | $\Omega$ = 2.0 |
| IMPORTANCE FACTOR       | 1.25 | Cd = 2.50      |
| REDUNDANCY, $\rho$      | 1.0  |                |
- |                  |                  |
|------------------|------------------|
| $S_s$ = 0.614    | $S_i$ = 0.257    |
| $F_a$ = 1.309    | $F_v$ = 2.080    |
| $S_{ds}$ = 0.803 | $S_{d1}$ = 0.535 |
| $S_{d2}$ = 0.536 | $S_{d1}$ = 0.357 |

INSPECTION NOTES:

1. ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE DISTRICT (T-24 PART 1, 4-335).
2. ALL TESTS AND INSPECTIONS SHALL CONFORM TO CHAPTER 17A OF THE 2019 CBC AND THE PROJECT SPECIFIC DSA-103.
3. ALL SPECIAL INSPECTORS SHALL HAVE A MINIMUM OF THREE YEARS OF EXPERIENCE WITH MATERIAL BEING INSPECTED.

FOUNDATION NOTES:

1. FOUNDATIONS ARE DESIGNED ACCORDING TO THE 2019 CBC TABLE 1806A.2.
2. FOOTINGS SHALL BEAR ON FIRM, DRY, NATIVE SOIL.
3. FOOTING DEPTHS INDICATED ON PLANS ARE MINIMUMS. AREAS OF OVER-EXCAVATION SHALL BE BACKFILLED WITH LEAN MIX CONCRETE HAVING A MINIMUM 28-DAY STRENGTH OF 1,500 PSI.
4. FOOTINGS MAY BE OVER-EXCAVATED AT CONTRACTOR'S OPTION FOR PLACEMENT OF LEAN MIX CONCRETE TO FACILITATE THE REMOVAL OF DEBRIS AND STANDING WATER.
5. ALL FOOTINGS NOT FORMED SHALL BE POURED IN NEAT EXCAVATIONS. BOTTOMS OF EXCAVATIONS SHALL BE LEVEL, WITH CHANGES IN ELEVATION ONLY AS NOTED IN THESE DRAWINGS.
6. SEOR SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS.
7. SEOR SHALL BE NOTIFIED A MINIMUM OF 48-HOURS PRIOR TO THE PLACING OF CONCRETE SLABS AND FOUNDATIONS.

NOTE:  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.

STRUCTURAL SHEET INDEX:

- |       |                                 |
|-------|---------------------------------|
| S0.1  | GENERAL NOTES                   |
| S0.2  | GENERAL NOTES & TYPICAL DETAILS |
| S2.1  | STRUCTURAL BUILDING PLANS       |
| S2.1E | PARTIAL PLANS - BUILDING E      |
| S2.2  | TRASH ENCLOSURE PLANS & DETAILS |
| S4.1  | DETAILS                         |

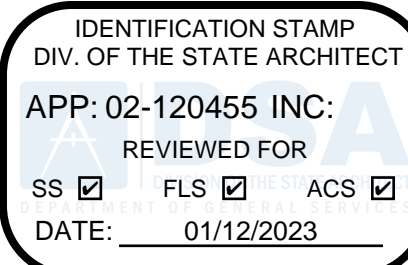
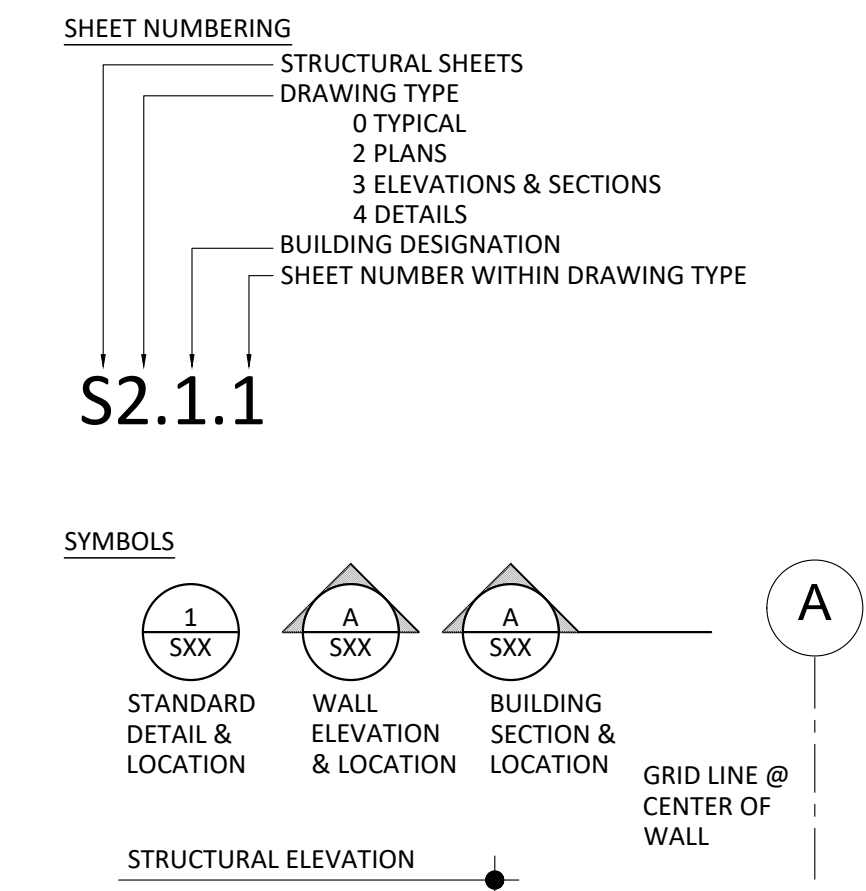
ABBREVIATIONS:

- |               |                                              |
|---------------|----------------------------------------------|
| @             | AT                                           |
| AB            | ANCHOR BOLT                                  |
| ACI           | AMERICAN CONCRETE INSTITUTE                  |
| AISC          | AMERICAN INSTITUTE OF STEEL CONSTRUCTION     |
| AISI          | AMERICAN IRON AND STEEL INSTITUTE            |
| APA           | AMERICAN PLYWOOD ASSOCIATION                 |
| ARCH          | ARCHITECT/ARCHITECTURAL                      |
| ASTM          | AMERICAN SOCIETY OF TESTING AND MATERIALS    |
| AWS           | AMERICAN WELDING SOCIETY                     |
| B.O.          | BOTTOM OF                                    |
| CBC           | CALIFORNIA BUILDING CODE                     |
| CFS           | COLD-FORMED STEEL                            |
| CMU           | CONCRETE MASONRY UNIT                        |
| $\varnothing$ | DIAMETER                                     |
| DWGS          | DRAWINGS                                     |
| DSA           | DIVISION OF THE STATE ARCHITECT              |
| ES            | EDGE SCREW w/SPACING PER SHEAR WALL DIAGRAMS |
| F.O.          | FACE OF                                      |
| HD            | HOLDDOWN                                     |
| HSS           | HOLLOW STRUCTURAL SECTION                    |
| L             | STEEL ANGLE                                  |
| MAX           | MAXIMUM                                      |
| M/C           | MISCELLANEOUS CHANNEL                        |
| MIN           | MINIMUM                                      |
| NTS           | NOT TO SCALE                                 |
| #             | NUMBER OR POUNDS                             |
| oc            | ON CENTER                                    |
| OP            | OPPOSITE HAND                                |
| PAF           | POWDER-ACTUATED FASTENER                     |
| PJ            | PANEL JOINT                                  |
| SEOR          | STRUCTURAL ENGINEER OF RECORD                |
| SMS           | SHEET METAL SCREW                            |
| T & B         | TOP AND BOTTOM                               |
| THRU          | THROUGH                                      |
| T.O.          | TOP OF                                       |
| TYP           | TYPICAL                                      |
| UNO           | UNLESS NOTED OTHERWISE                       |
| w/            | WITH                                         |

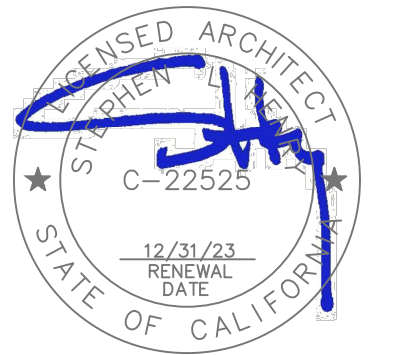
GENERAL NOTES:

1. ALL NEW WORK SHALL CONFORM TO TITLE 24 2019 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
2. THIS SET OF STRUCTURAL DRAWINGS IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION.
3. NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
6. STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. A COPY OF TITLE 24 CCR PARTS 1 -5 SHALL BE KEPT ON SITE AT ALL TIMES (T-24 PART 1, 4-317(c)).
8. ALL CHANGES TO THE ACCESSIBILITY, FIRE AND LIFE SAFETY, AND STRUCTURAL PORTIONS OF THE APPROVED DRAWINGS SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD). ALL SUCH CHANGES BY CCD ARE TO BE SIGNED BY THE SEOR, THE OWNER, AND APPROVED BY DSA. CHANGES BY CCD ARE NOT VALID UNTIL APPROVED BY DSA (T-24, PART 1, 4-338).
9. A PROJECT INSPECTOR (INSPECTOR OF RECORD, IOR) EMPLOYED BY THE OWNER/DISTRICT AND CERTIFIED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK
10. THE STRUCTURAL ENGINEER SHALL PERFORM DUTIES PER T-24 PART 1, 4-333(a) AND 4-341. THE CONTRACTOR SHALL PERFORM DUTIES PER 4-343. THE IOR SHALL PERFORM DUTIES PER T-24 PART 1, 4-342.

DRAWING STANDARDS:



730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

GENERAL NOTES

RW CONSULTING  
Engineers Inc  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910

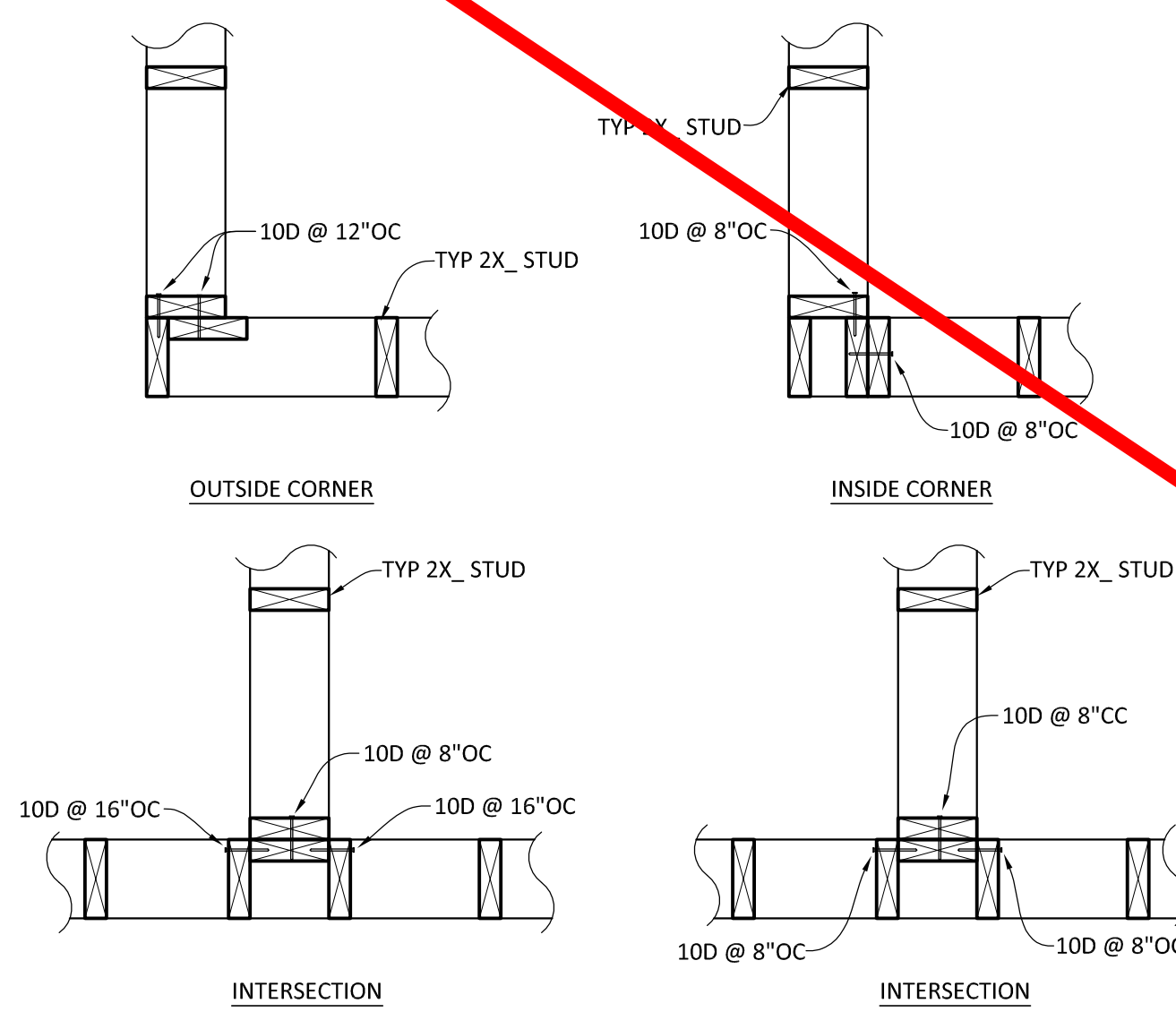


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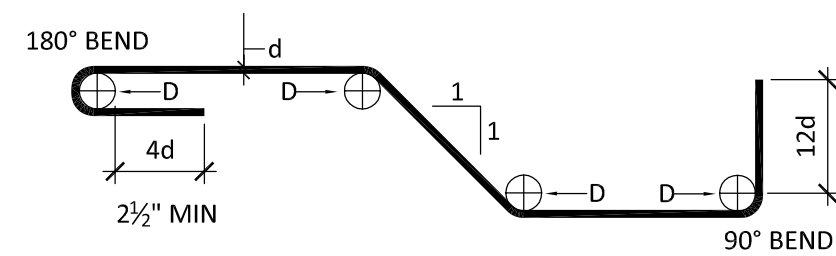
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S0.1





#### WALL INTERSECTIONS 4



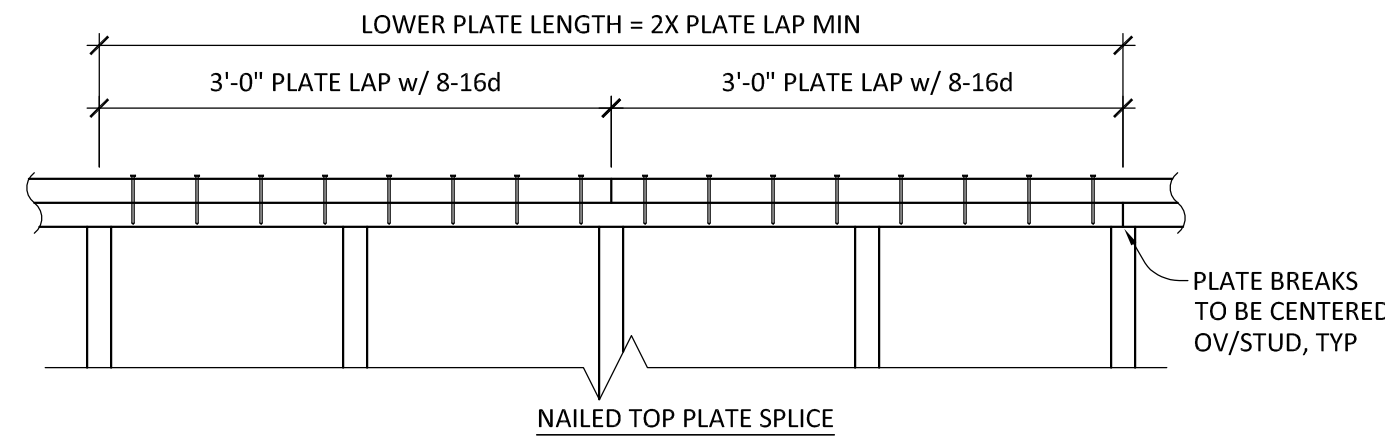
D = 6d FOR #3 THRU #8 BARS  
D = 8d FOR #9 THRU #11 BARS

REINFORCING BARS & STANDARD HOOKS

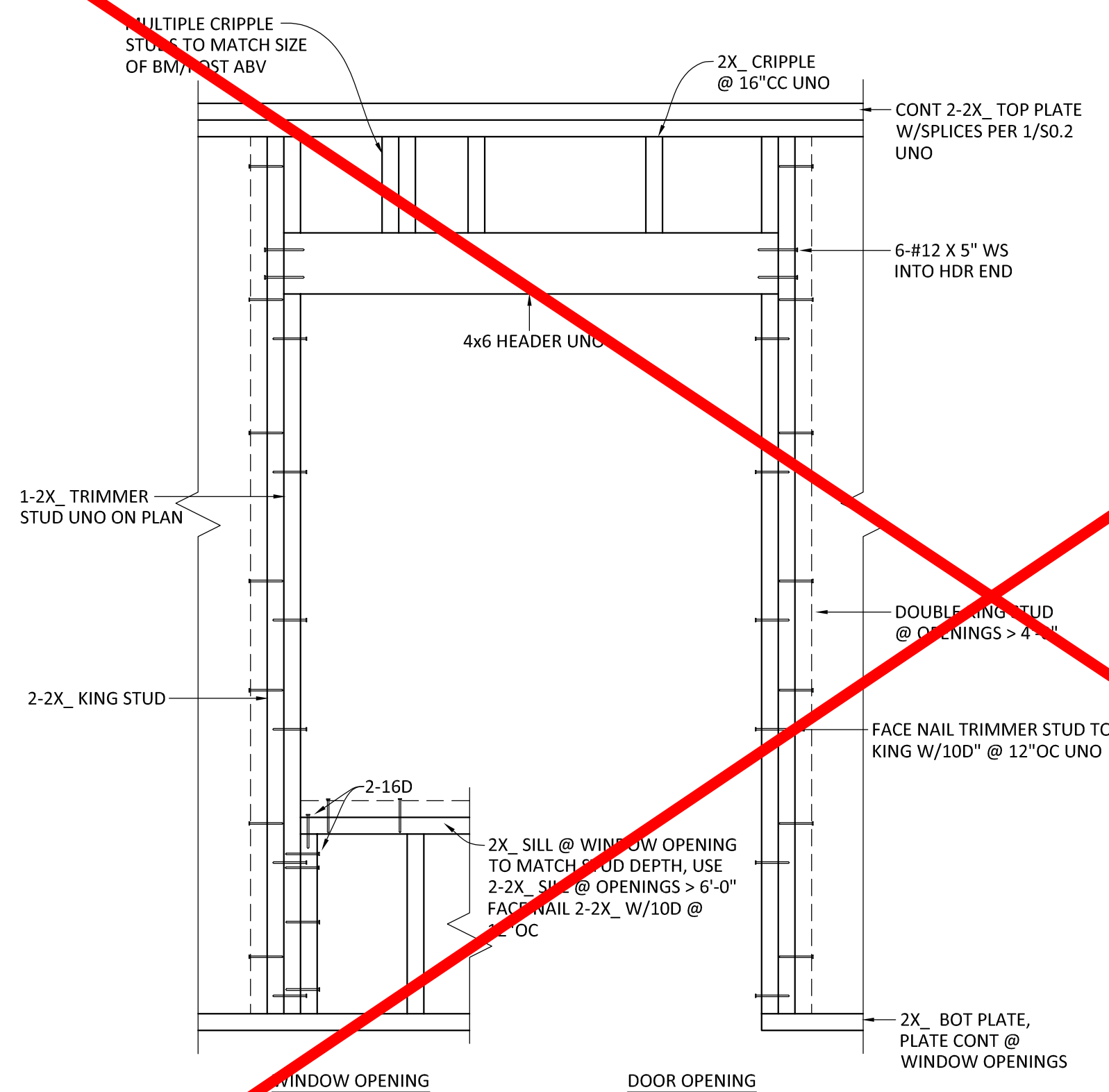
#### NOTES:

- THE ABOVE DETAILS ARE PROVIDED TO SPECIFY STAND REBAR BENDS AND BEND EXTENSIONS, TYP UNO.
- ALL REBAR PLACEMENT IS TO BE AS SHOWN IN PROJECT DETAILS. SEE 'CONCRETE REINFORCEMENT NOTES' ON S0.1.
- NOT ALL CONDITIONS SHOWN ABOVE WILL APPLY TO THIS PROJECT.

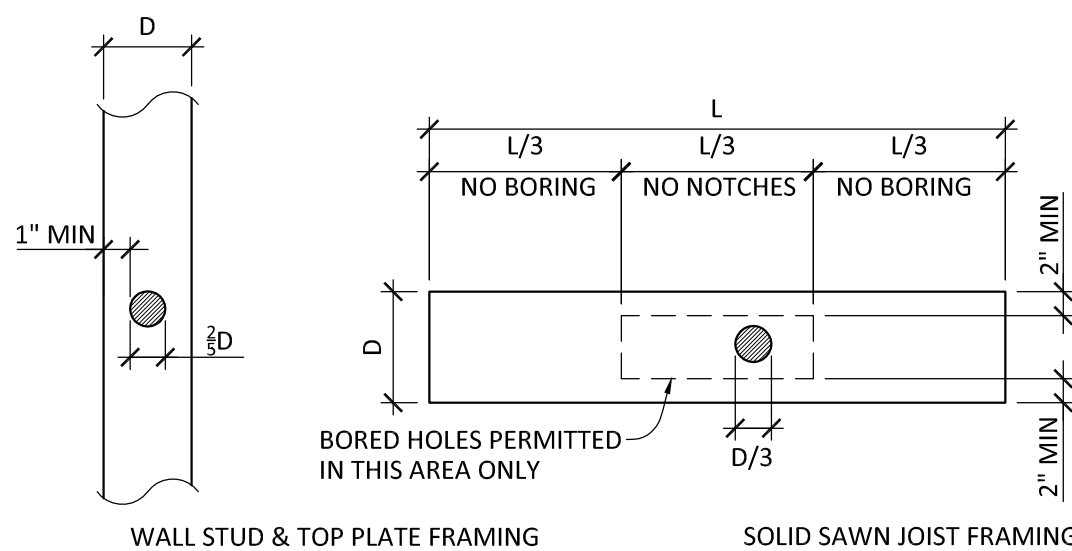
#### STANDARD REBAR BENDS 5



#### TOP PLATE SPLICE 1



#### WALL OPENING 2



#### NOTES:

- HOLES IN WALL STUDS MAY BE BORED UP TO 3/8" DIAMETER PROVIDED STUDS ARE DOUBLED & HOLES ARE CENTERED IN STUD WIDTH.
- BORING SHOWN SHALL NOT BE USED AT BEAMS OR POSTS. CONSULT AOR.
- NOTCHING IS NOT PERMITTED.
- CLEAR SPCG BTWN BORED HOLES SHALL BE 12" MIN.
- HOLES IN TOP PLATES SHALL NOT BE LOCATED WITHIN TOP PLATE SPLICE ZONE
- WHERE TOP PLATE PENETRATIONS EXCEED LIMITS SHOWN, PROVIDE CTS219 EACH SIDE OF BOTH TOP PLATES & ATTACH W/SD #9X13" SCREWS

#### BORING 3

#### ROUGH CARPENTRY-MATERIALS:

- ALL SAWN LUMBER SHALL BE DOUG FIR UNO AND HAVE MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. EACH PIECE SHALL BEAR THE STAMP OF WCLIB OR WWPA SHOWING GRADE MARK.
- ALL COMPOSITE WOOD PRODUCTS (IE LVL, LSL, GLULAM, ETC) SHALL BE PROTECTED FROM EXPOSURE AND EXCESSIVE MOISTURE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. MOISTURE CONTENT OF 16% PRIOR TO MEMBERS BEING WRAPPED OR ENCLOSED.
- ALL SAWN LUMBER TO BE SPECIES & GRADE AS NOTED BELOW:

MEMBER	SPECIES & GRADE
2x_ & 3x_ STUDS	#1 DF
2x_ JOISTS, PLATES	#1 DF
4x_ HEADERS	#1 DF
4x_ COLUMNS	#1 DF
6x_ & LARGER HEADERS	SS DF
6x_ & LARGER COLUMNS	SS DF

- MATERIAL EXPOSED TO WEATHER OR IN CONTACT W/CONCRETE SHALL BE PRESURE TREATED
  - OPTIONAL FOR EXPOSED 8x\_ BEAMS & POSTS TO BE #1AC IN LIEU OF TREATED DF
  - STUDS TALLER THAN 12'-0" SHALL BE #1DF
- PRESERVATIVE TREATED & PRESSURE TREATED LUMBER  
A. SAWN LUMBER TO BE PROTECTED FROM EARTH, WEATHER, EARTH, & CONCRETE/CMU OR WOOD SHALL BE TREATED  
B. PRESERVATIVE TREATMENT & CLEARANCES TO SOIL OR CONCRETE SHALL BE PER CBC 2303.1.9 & 2304.12.1.2  
C. FIELD CUTS & HOLES IN TREATED LUMBER SHALL BE PROTECTED IN ACCORDANCE W/AWPA STANDARD M4  
D. CONTRACTOR TO COORDINATE WITH TREATED WOOD SUPPLIER TO DETERMINE THE APPROPRIATE LEVEL OF CORROSION PROTECTION FOR HARDWARE & FASTENERS IN CONTACT WITH WOOD TREATED WITH CORROSIVE CHEMICALS.
  - ALL WOOD PANEL STRUCTURAL SHEATHING SHALL BE STAMPED W/APA TRADEMARK AND CONFORM TO MOST CURRENT EDITION OF PS-1 OR PS-2. USE THICKNESS AND NAILING AS SHOWN ON DRAWINGS. SHEATHING SHALL HAVE EXPOSURE CLASS AS APPROPRIATE FOR ON-SITE EXPOSURE CONDITIONS DURING CONSTRUCTION AND IN FINAL CONDITION. EQUIVALENT OSB SHALL BE USED IN LIEU OF PLYWOOD. PROVIDE PLYWOOD AT ALL EXPOSED EAVE CONDITIONS.

#### ROUGH CARPENTRY-NAILS:

- ALL SPECIFIED NAILS SHALL CONFORM TO ASTM F1667 OR ICC ESR-1539. ALTERNATE FASTENERS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. ALL NAILS SHALL BE FULL ROUND HEAD WITH MINIMUM PROPERTIES AS FOLLOWS:

FASTENER	DIAMETER	LENGTH	PENETRATION	APPLICATION
8d	.131"Ø	2 1/2"	1 3/8"	SHTG/FRMG
10d	.148"Ø	3"	1 1/2"	SHTG/FRMG
16d BOX	.135"Ø	3 1/2"	1 1/8"	FRMG
16d SINKER	.148"Ø	3 1/2"	1 1/2"	FRMG
16d COMMON	.162"Ø	3 1/2"	1 1/8"	FRMG

ALL NAILS SHALL BE COMMON WIRE NAILS EXCEPT WHERE SPECIFICALLY NOTED

- NAILS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD. PREDRILL ALL FASTENERS 75% MAX OF FASTENER DIAMETER WHERE WOOD TENDS TO SPLIT.
- TOENAILS SHALL BE DRIVEN AT AN ANGLE OF APPROX 30° WITH THE MEMBER AND STARTED APPROX 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END.
- NAILS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
- MINIMUM NAILING SHALL BE PER CBC TABLE 2304.10.1 UNO:

Description	Nailing
1. Blng down clip posts, rafters or trusses to top plate or other framing blw	3-8d toe nail on end
2. Blng down rafters or truss not at the wall top plate, to rafter or truss	2-8d toe nail or 2-16d end nail, ea end
3. Flat blng to trim & web filler	1-8d face nail @ 8" oc
4. Clip post to top plate	3-8d toe nail on post
5. Clip post not attached to parallel rafter, laps on partitions (no thru's)	3-16d face nail
6. Clip post attached to parallel rafter, laps on partitions (w/ thru's)	CBC Table 2308.7.3.1
7. Collar tie to rafter	2-16d face nail
8. Rafter or truss to top plate (see CBC section 2308.7.3.1, Table 2308.7.3.1)	3-16d toe nail
9. Rafter to ridge, valley or hip rafter, or rafter to 2" ridge	3-16d toenail or 2-16d end nail
10. Stud to stud (at braced wall panels)	1-16d @ 16" oc face nail
11. Stud to stud and sheathing studs at intersecting wall corners (braced wall panels)	1-16d @ 8" oc face nail
12. Built up header (2" to 2" header)	1-16d @ 16" oc face nail
13. Cont header to stud	4-8d toe nail
14. Top plate to top plate	1-16d @ 16" oc face nail
15. Top plate to top plate, at end joints	8-16d ea side of end joint face nail (24" min top plate ea end)
16. Bot plate to stud, rim, band post or blng (not at braced wall panels)	1-16d @ 16" oc
17. Bot plate to stud, rim, band post or blng (not at braced wall panels)	2-16d @ 16" oc
18. Stud to top or bot plate	4-8d toe nail
19. Top or bot plate to stud	2-16d end nail
20. Top plates, laps at corners & partitions	2-16d face nail
21. 1" brace to ea stud & plate	2-8d face nail
22. 1x4 sheathing to ea bearing	2-8d face nail
23. 1x4 & wider sheathing to ea bearing	3-8d face nail
24. Joist to sill, top plate or girder	3-8d toe nail
25. Rim joist, band post, or blng to top plate, sill, or other framing blw	8d @ 8" oc toe nail
26. 1" sub floor to rim joist or girder	2-16d face nail
27. 2" sub floor to joist or girder	2-16d face nail
28. 2" planks on bearing (plank & beam, floor & roof)	2-16d face nail
29. Built up girders & beams, 2" lumber joists	10d @ 24" oc face nail at top & 8d toe nail on opposite sides
30. Ledger into supporting posts or rafters	1-16d ea post or rafter face nail
31. Joist to band post or rim joist	3-16d end nail
32. Bridging or blng to post, rafter or truss	8d toe nail ea end

- NAILS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, NAILS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS D OR TYPE 316 STAINLESS STEEL.
- SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN ARE FLUSH WITH THE SURFACE OF THE SHEATHING.

#### ROUGH CARPENTRY-WOOD SCREWS:

- ALL SPECIFIED WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1. ALTERNATE WOOD SCREWS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. EED DISTANCE, EDGE DISTANCE, & SPCG OF ALTERNATE WOOD SCREWS MUST CONFORM TO THE MFR ICC EVALUATION REPORT.
- WOOD SCREWS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD, PRE-DRILL LEAD HOLES AS REQ'D. LEAD HOLES SHALL NOT EXCEED THE SMALLEST OF 1/4 OF THE SHANK DIAMETER AND 1/2 OF THE ROOT DIAMETER AT THREADED PORTIONS.
- WOOD SCREWS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
- WOOD SCREWS SHALL BE INSTALLED BY TURNING OF THE SCREW & NOT BY DRIVING OF A HAMMER.
- SOAP OR OTHER LUBRICANT MAY BE USED ON THE WOOD SCREW OR IN THE LEAD HOLE AS REQ'D TO PREVENT DAMAGE TO THE WOOD SCREW.
- WOOD SCREWS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, WOOD SCREWS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS D OR TYPE 316 STAINLESS STEEL.

#### ROUGH CARPENTRY-WALL FRAMING:

- ALL WALLS SHALL HAVE CONT 2-X\_ TOP PLATES WITH LAPS PER 1/50.2 UNO, NO BORING OR NOTCHES ARE ALLOWED WITHIN SPLICE LOCATIONS. TOP PLATES SHALL BE LAPPED AT ALL CORNERS & INTERSECTIONS.
- ALL STUDS SHALL BE 2X4 MIN @ 16"CC UNO, USE 2X6 FRAMING @ PLUMBING WALLS (FINGER JOINTED STUDS ARE NOT ALLOWED)
- WALL FRAMING SHALL BE CONT BTWN BRACING LOCATIONS SUCH AS ROOF/FLOOR DIAPHRAGMS & FOUNDATION
- STUDS/POSTS @ BRG WALLS, SHEARWALLS, AND EXTERIOR WALLS ARE TO BE BRACED FOR ENTIRE SPAN BY ONE OF THE FOLLOWING METHODS UNO:
  - 3/8" MIN THICKNESS PLY/OSB W/TYP FASTENER SPACING NOT TO EXCEED 12" CC
  - 1/2" MIN THICKNESS PLASTER W/WIRE LATH, ATTACH LATH W/TYP FASTENER SPACING NOT TO EXCEED 6" CC
  - 1/2" MIN THICKNESS GWB W/TYP FASTENER SPACING NOT TO EXCEED 7" CC
- ALTERNATE BRACING METHODS MUST BE SUBMITTED TO RW CONSULTING ENGINEERS FOR APPROVAL PRIOR TO USE
- SEE 3/50.2 FOR NOTCHING AND BORING OF STUDS
- SILL PLATES
  - WALLS LESS THAN 8'-0" LONG SHALL HAVE SINGLE PIECE SILL PLATE
  - ALL SILL PLATES SHALL HAVE A MINIMUM OF 2-ABS, HOLLOWDOWN ABS DO NOT COUNT TOWARD THIS REQ'MT
  - ABS SHALL BE NO FARTHER THAN 12" & NO CLOSER THAN 7 BOLT DIAMETERS FROM ENDS OF SILL PLATE

#### ROUGH CARPENTRY-HARDWARE:

- ALL STEEL CONNECTORS, STRAPS, HANGERS, HARDWARE, ETC SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL UNO. ATTACH W/FASTENERS PER MFR TO ACHIEVE THE MAXIMUM TABULATED VALUE.
- HARDWARE COMPONENTS AND FASTENERS INSTALLED AGAINST OR INTO TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, ALL HARDWARE AND FASTENERS INTO/AGAINST TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED (G185 MIN FOR HARDWARE) OR STAINLESS STEEL.
- INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
- NAILS FOR HARDWARE SHALL NOT BE OVERDRIVEN OR DEFORM THE PART. THE CONTRACTOR SHALL VERIFY WITH THE HARDWARE MFR THAT THE PART PUBLISHED CAPACITIES ARE NOT REDUCED AS A RESULT OF THE INSTALLED CONDITION.
- FASTENER SUBSTITUTIONS FOR HARDWARE ARE NOT ALLOWED UNLESS APPROVED FOR USE BY THE MFR AND THE HARDWARE CAPACITY IS NOT REDUCED.
- WASHERS AT WOOD CONNECTIONS SHALL BE SQUARE PLATE STEEL OR MALLEABLE IRON W/THE FOLLOWING MIN DIMENSIONS:

FASTENER DIAMETER	MIN WASHER DIMENSIONS	MIN THICKNESS
1/2"	2" x 2"	3/16"
5/8"	2 1/2" x 2 1/2"	1/4"
3/4"	2 3/4" x 2 3/4"	5/16"
7/8"	3" x 3"	3/8"
1"	3 1/2" x 3 1/2"	7/8"

#### ROUGH CARPENTRY-LAG SCREWS:

- ALL SPECIFIED LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
- LEAD HOLES FOR LAG SCREWS SHALL BE BORED TO AVOID SPLITTING OF WOOD MEMBERS. THE LEAD HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AND LENGTH AS THE UNTHREADED SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL NOT EXCEED 70% OF THE SHANK DIAMETER AND HAVE MIN LENGTH EQUAL TO THREADED PORTION.
- LAG SCREWS SHALL BE INSTALLED BY TURNING OF THE LAG SCREW & NOT BY DRIVING OF A HAMMER.
- SOAP OR OTHER LUBRICANT MAY BE USED ON THE LAG SCREW OR IN THE LEAD HOLE AS REQ'D TO PREVENT DAMAGE TO THE LAG SCREW.
- LAG SCREWS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, LAG SCREWS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
- LAG SCREWS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER W/CORROSION PROTECTION TO MATCH THE LAG SCREW.
- ALL LAG SCREWS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

#### WOOD FASTENERS-BOLTS:

- ALL SPECIFIED BOLTS IN WOOD FRAMING SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
- HOLES SHALL BE A MIN OF 1/2" TO A MAX OF 1/4" GREATER THAN THE BOLT DIAMETER. HOLES SHALL BE ACCURATELY ALIGNED AND NOT FORCIBLY DRIVEN.
- BOLTS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, BOLTS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
- BOLTS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER AT HEAD AND NUT W/CORROSION PROTECTION TO MATCH THE BOLT.
- ALL BOLTS & NUTS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

**NOTE:**  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120457-INC:  
REVISED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

**HENRY+**  
**ASSOCIATES**  
**ARCHITECTS**



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

GENERAL NOTES  
& TYPICAL DETAILS

**RW CONSULTING**  
**Engineers Inc**  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910



PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
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CHECKED		
GR		
SCALE		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

S0.2



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

STRUCTURAL BUILDING PLANS

**RW CONSULTING Engineers Inc**  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910



PROJECT NO.	REVISIONS	BY
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3/28/2022		
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DI		
CHECKED		
GR		
SCALE		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

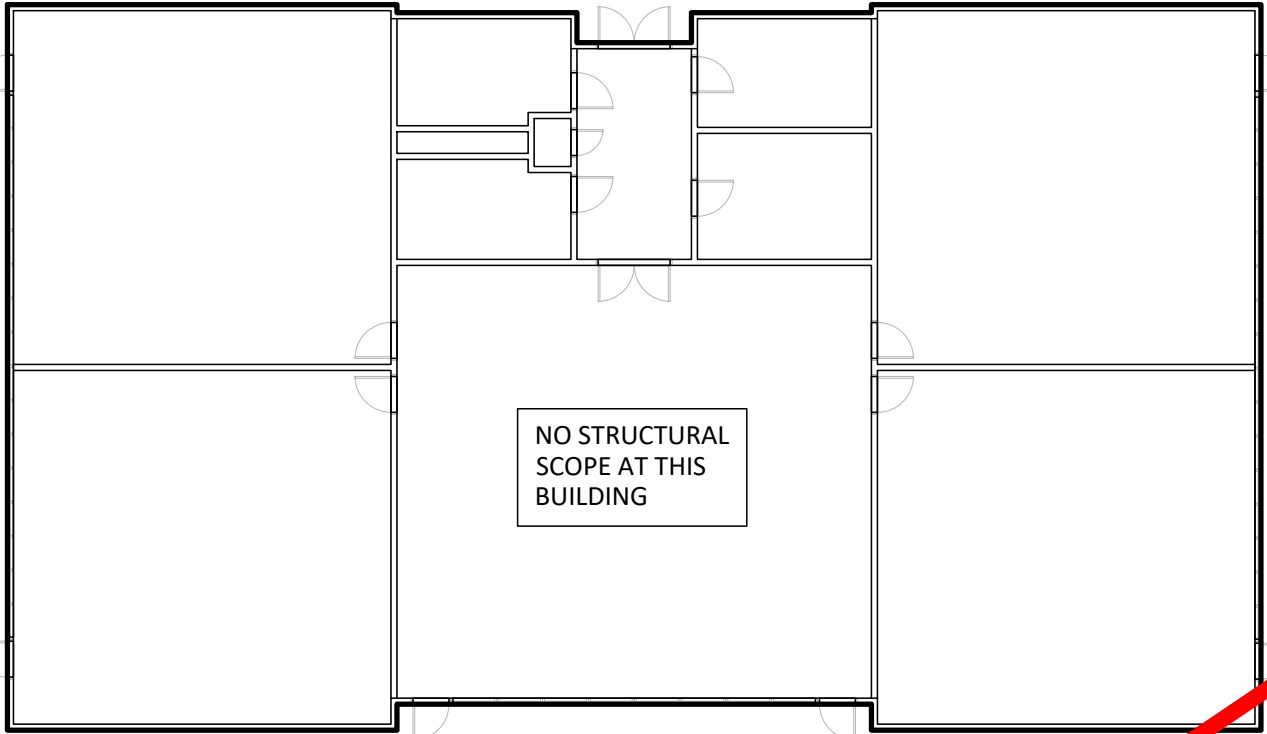
S2.1

STRUCTURAL PLAN NOTES:

- CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- STRUCTURAL SCOPE IS LIMITED TO MISCELLANEOUS FRAMING AND SLAB ON GRADE MODIFICATIONS TO ACCOMMODATE RESTROOM UPGRADES.
- NO WORK PERFORMED IS TO IMPACT EXISTING GRAVITY OR LATERAL BUILDING SYSTEMS. IF ANY PROJECT SCOPE IS FOUND TO IMPACT EXISTING GRAVITY OR LATERAL SYSTEMS, SEOR IS TO BE NOTIFIED PRIOR TO COMMENCING WITH WORK.
- FOR GENERAL NOTES AND TYPICAL DETAILS, REFER TO SHEETS S0.1 AND S0.2 FOR ATTACHMENT OF NEW WOOD-FRAMED WALLS TO EXISTING SLABS ON GRADE, SEE DETAIL 3/54.1, U.S.

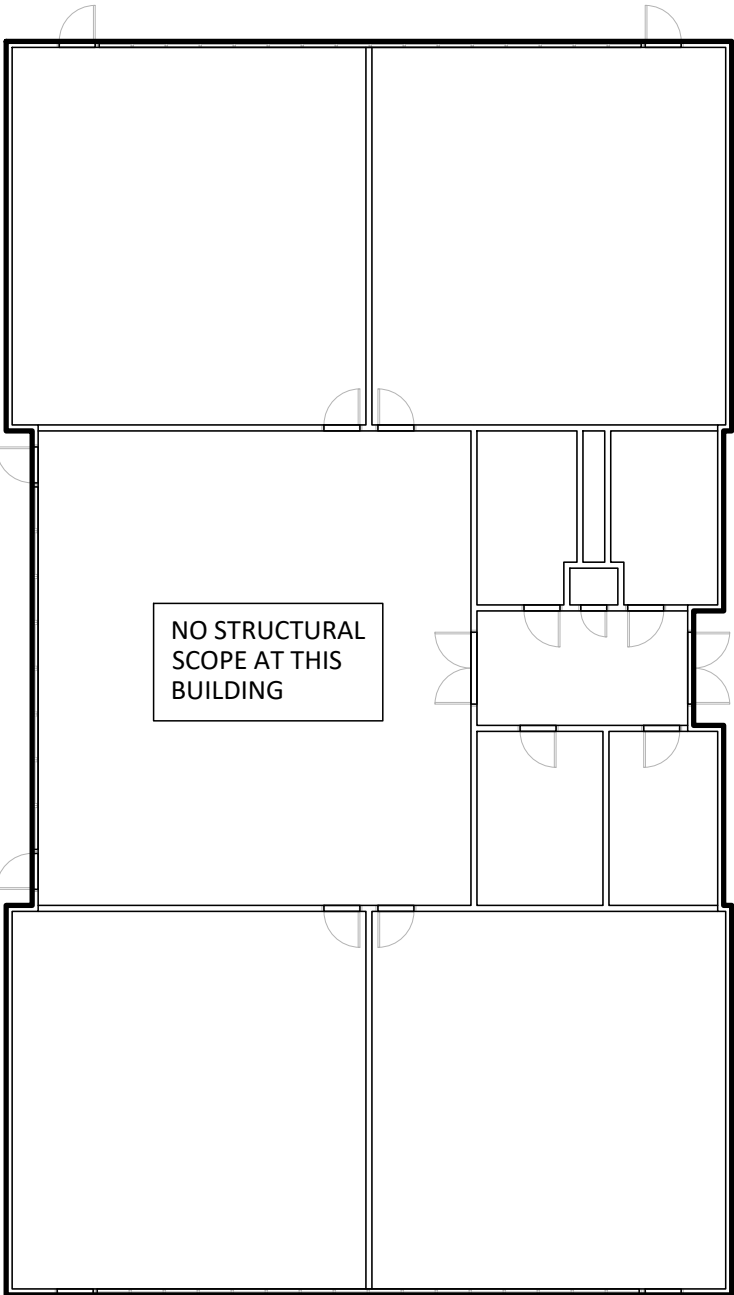
STRUCTURAL PLAN LEGEND:

EXISTING WALL  
NEW WALL



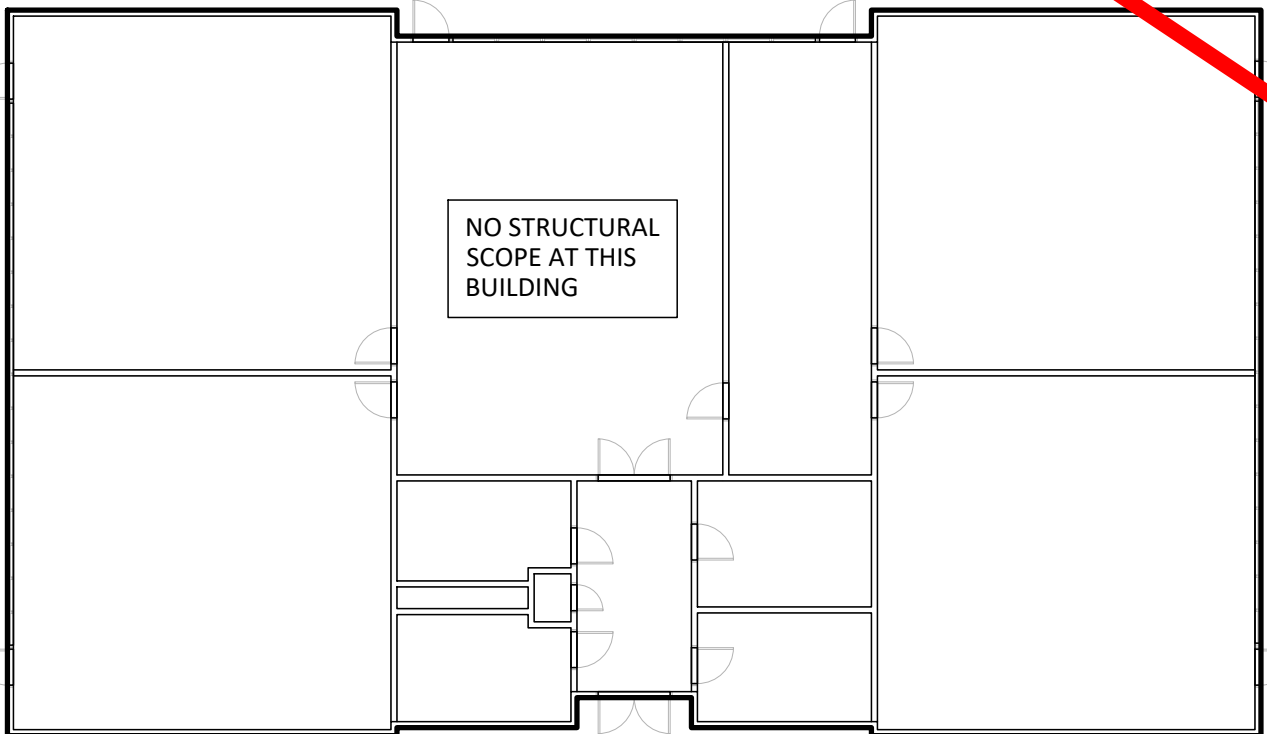
STRUCTURAL PLAN  
BUILDING A

1/8" = 1'-0"



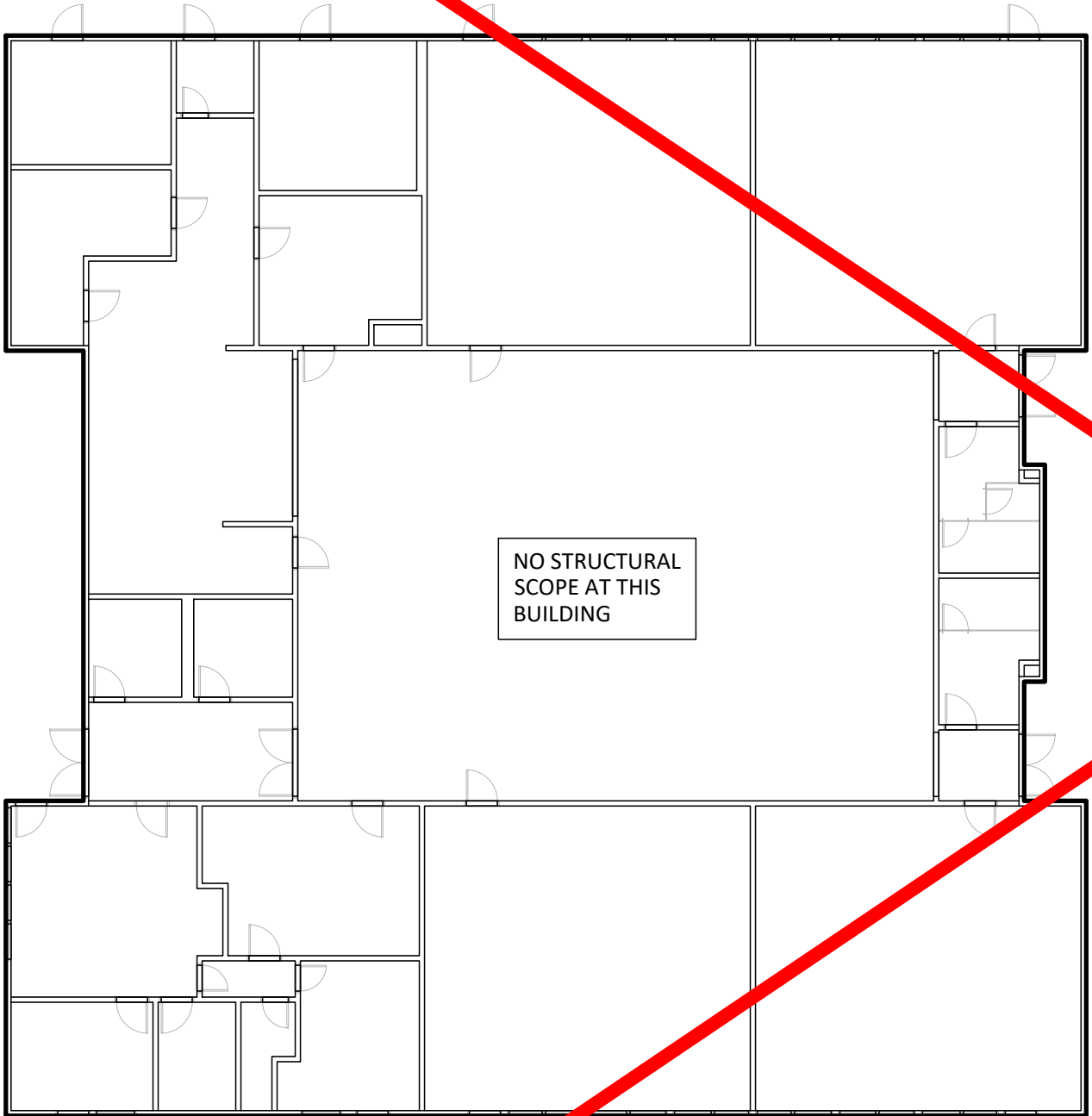
STRUCTURAL PLAN  
BUILDING B

1/8" = 1'-0"



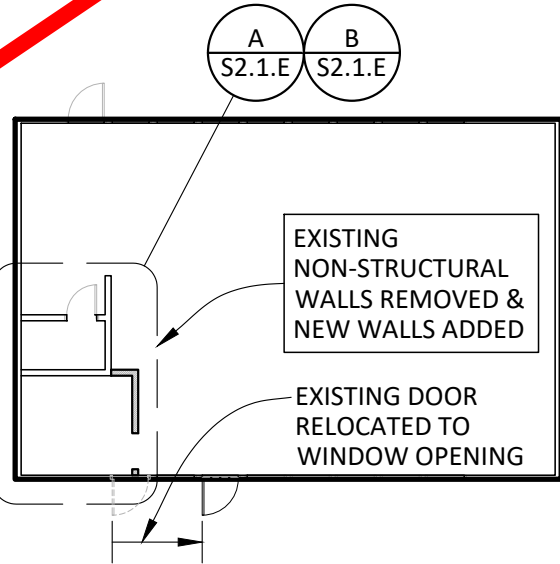
STRUCTURAL PLAN  
BUILDING C

1/8" = 1'-0"



STRUCTURAL PLAN  
BUILDING D

1/8" = 1'-0"



STRUCTURAL PLAN  
BUILDING E

1/8" = 1'-0"

NOTE:  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.



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APP: 02-123455 INC:  
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S4.1 FLS ACS  
DATE: 01/12/2023

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

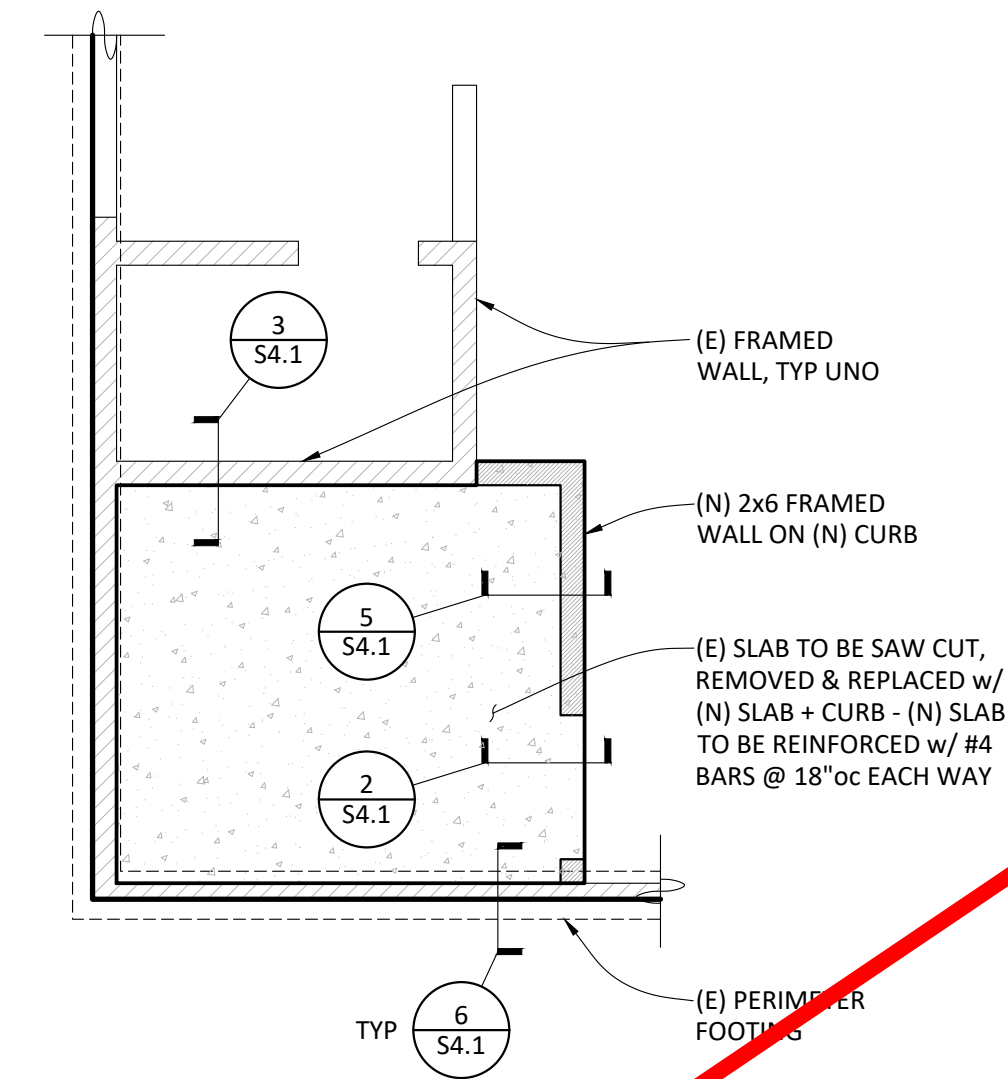
PARTIAL PLANS -  
BUILDING E

**RW CONSULTING**  
**Engineers Inc**  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910



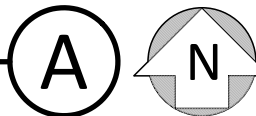
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
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11/17/2022		
SHEET NO.		

S2.1.E



PARTIAL FOUNDATION PLAN  
BUILDING E

1/4" = 1'-0"



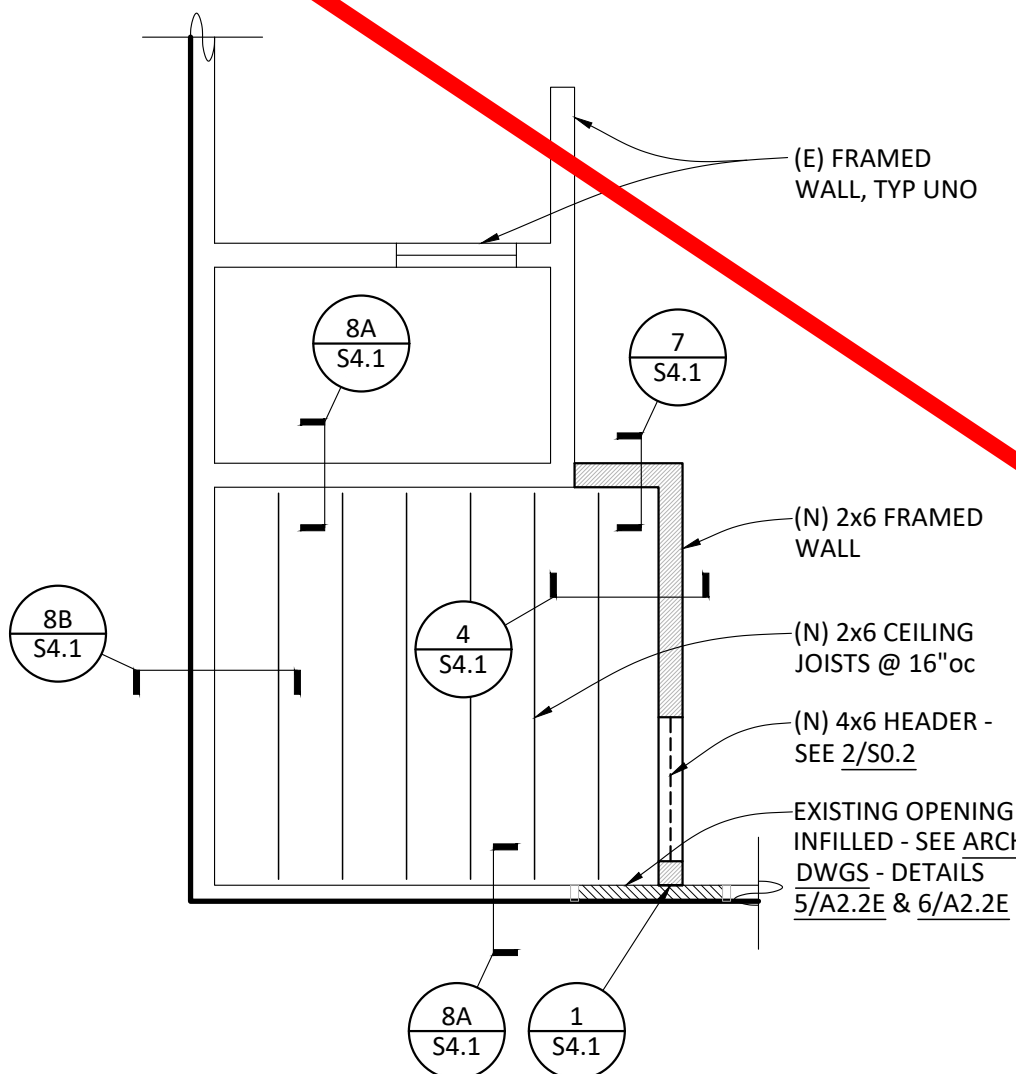
PARTIAL FOUNDATION PLAN NOTES:

- CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- SCOPE IS LIMITED TO MISCELLANEOUS FOUNDATION AND FRAMING MODIFICATIONS TO ACCOMMODATE A RESTROOM UPGRADE.

PARTIAL FOUNDATION PLAN LEGEND:

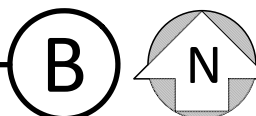
EXISTING WALL ON CURB OVER FOOTING	
EXISTING WALL ON CURB OVER SLAB	
NEW WALL ON CURB	
NEW CONCRETE SLAB	

NOTE:  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.



PARTIAL CEILING FRAMING PLAN  
BUILDING E

1/4" = 1'-0"



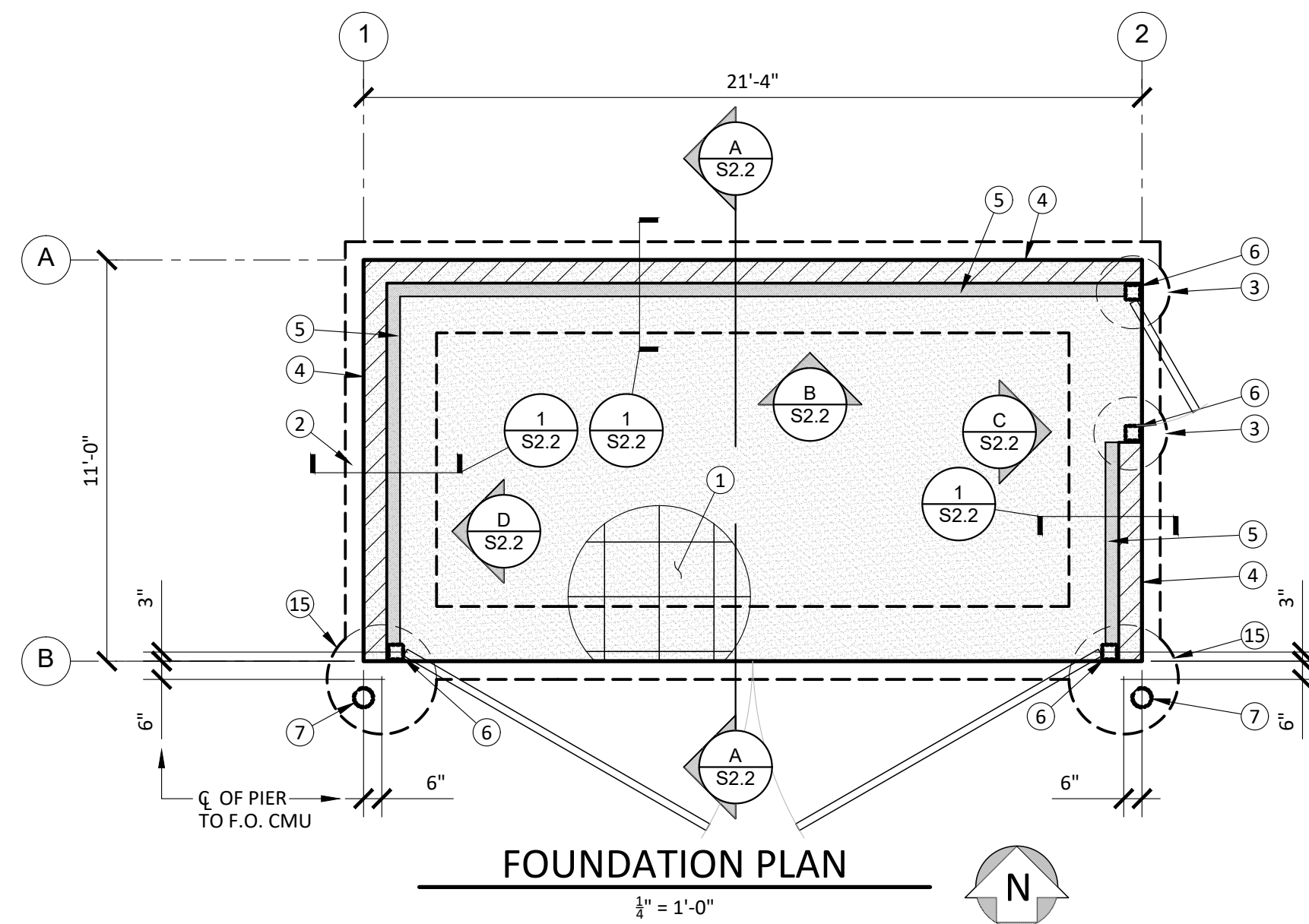
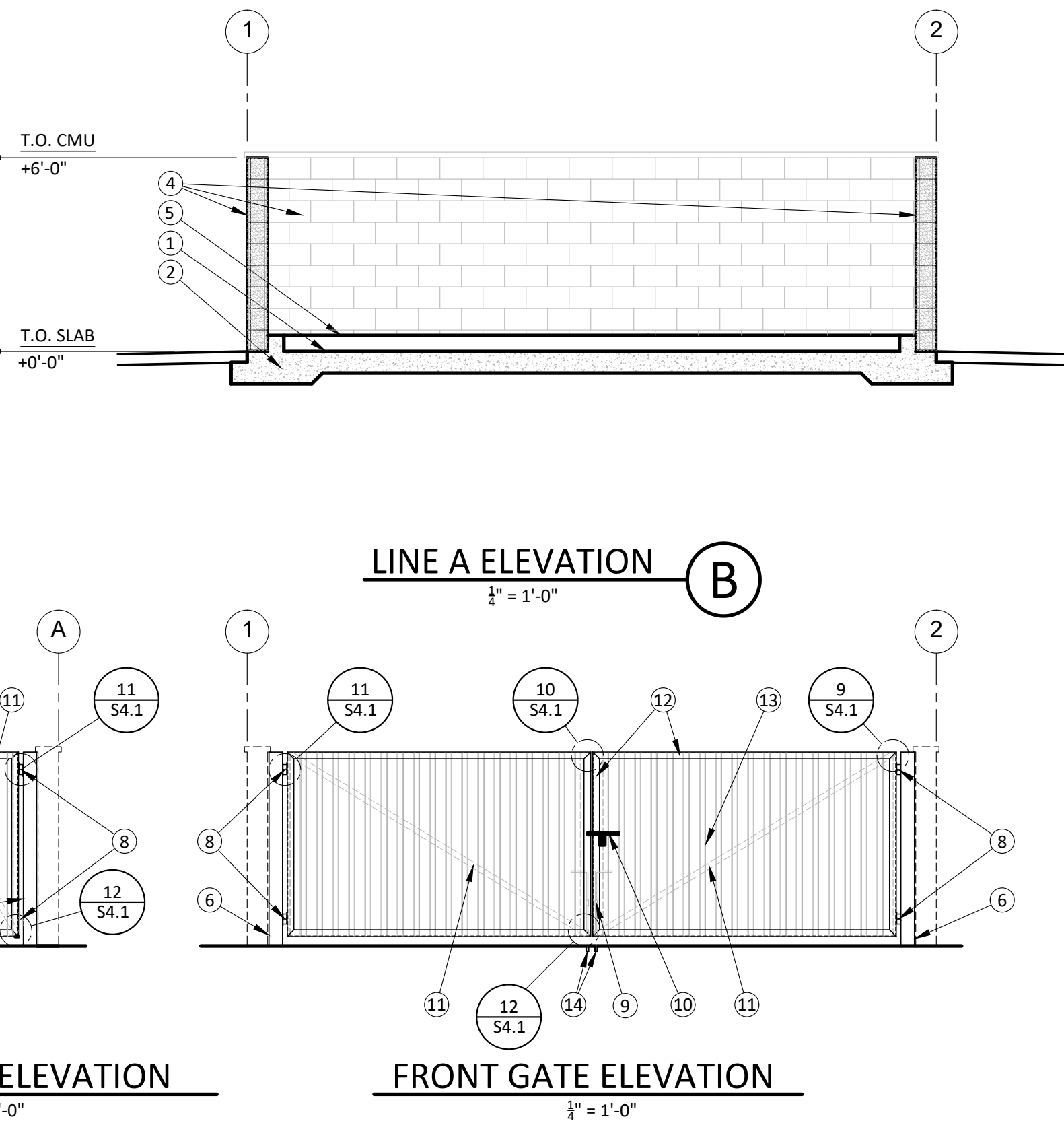
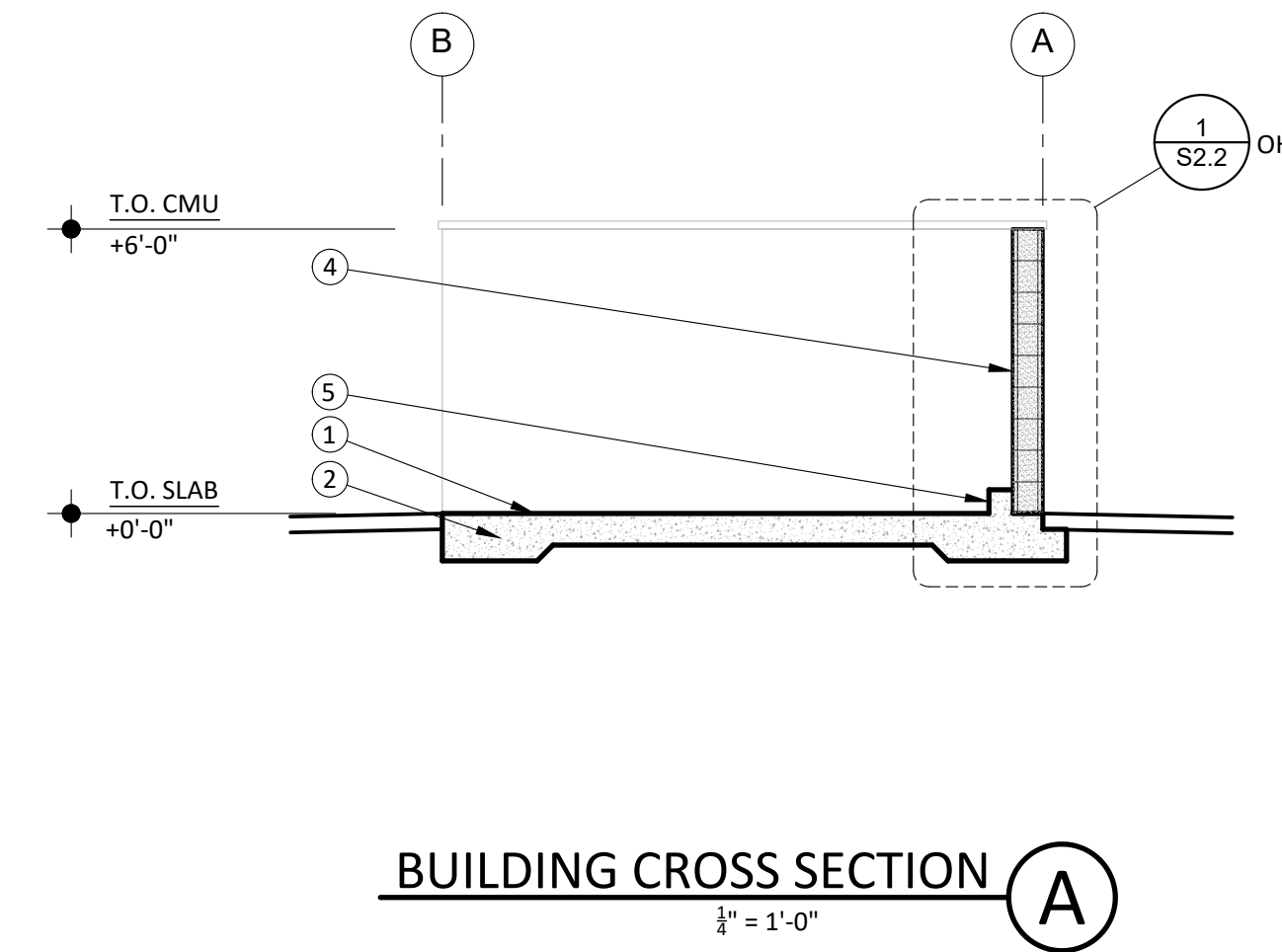
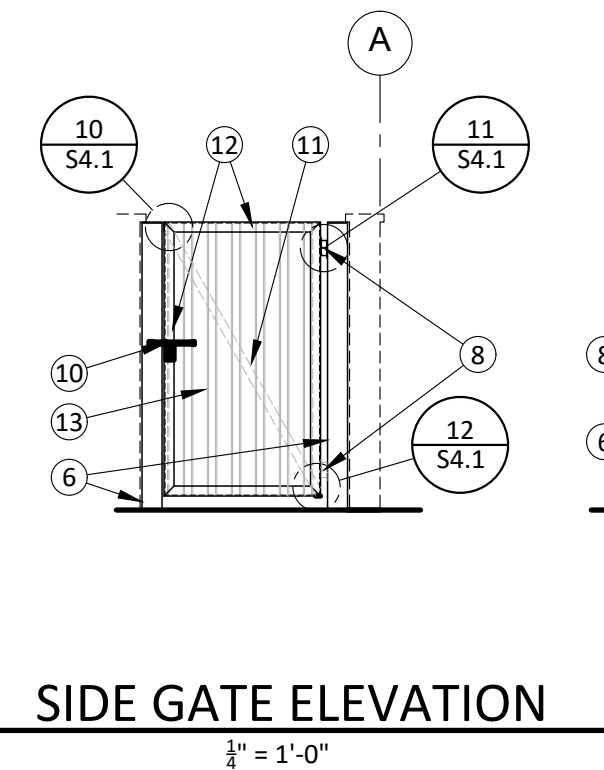
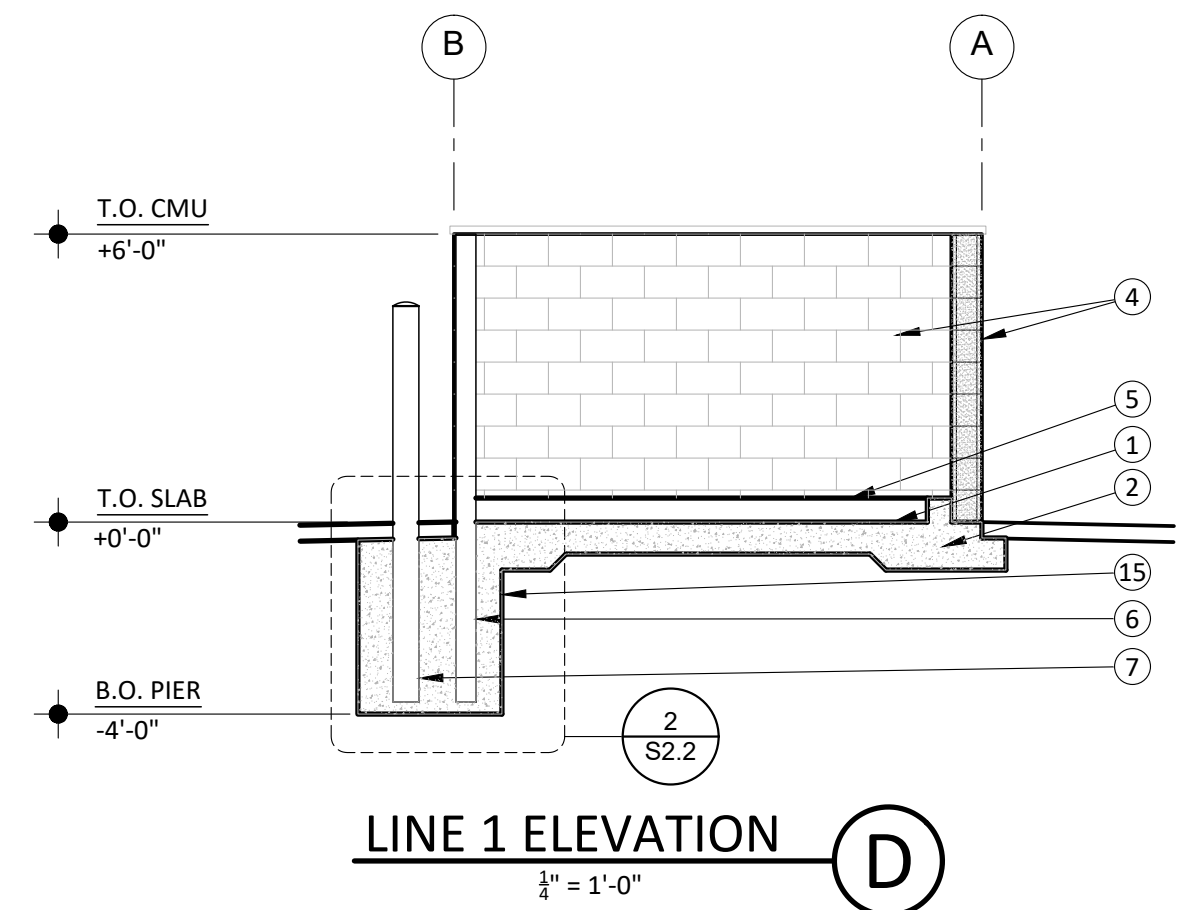
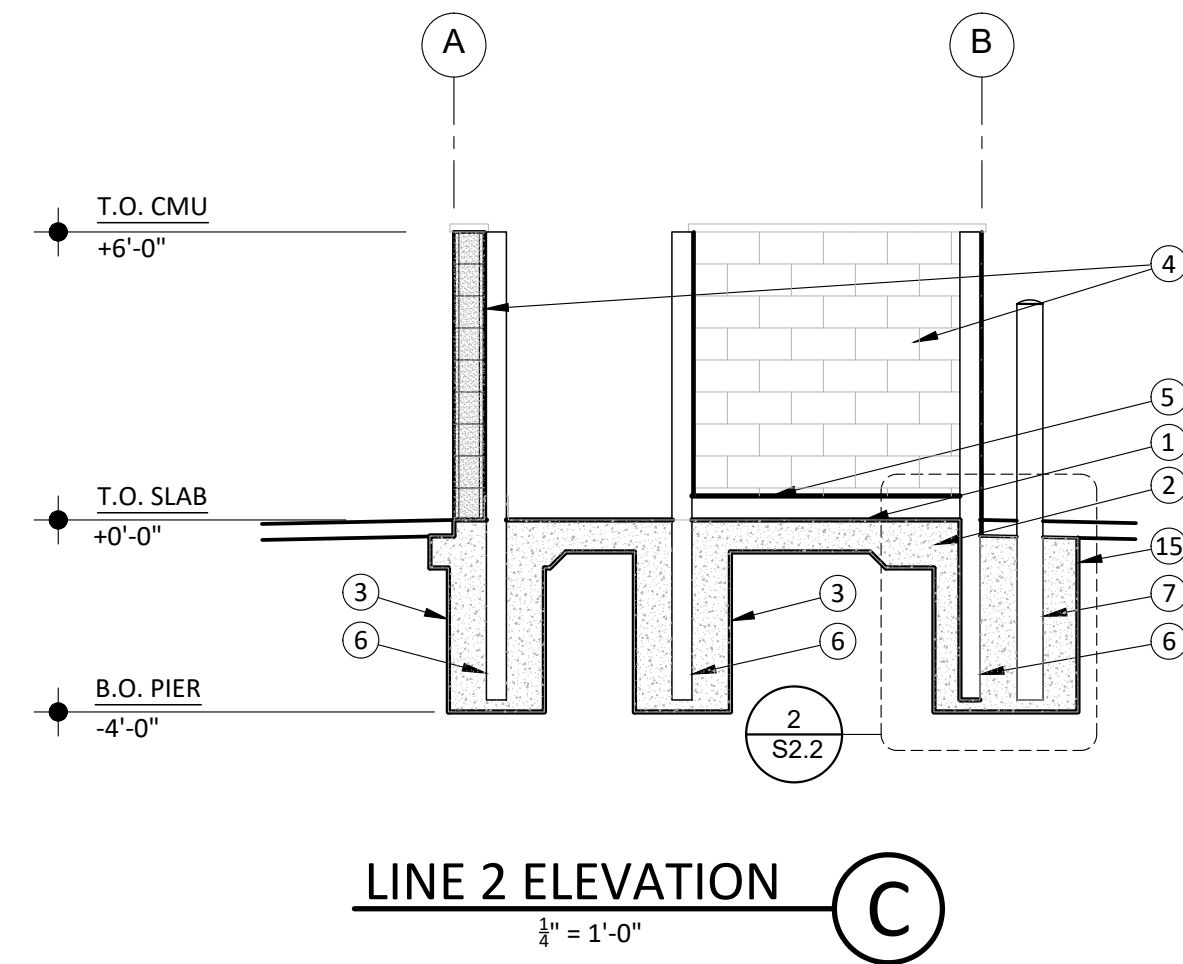
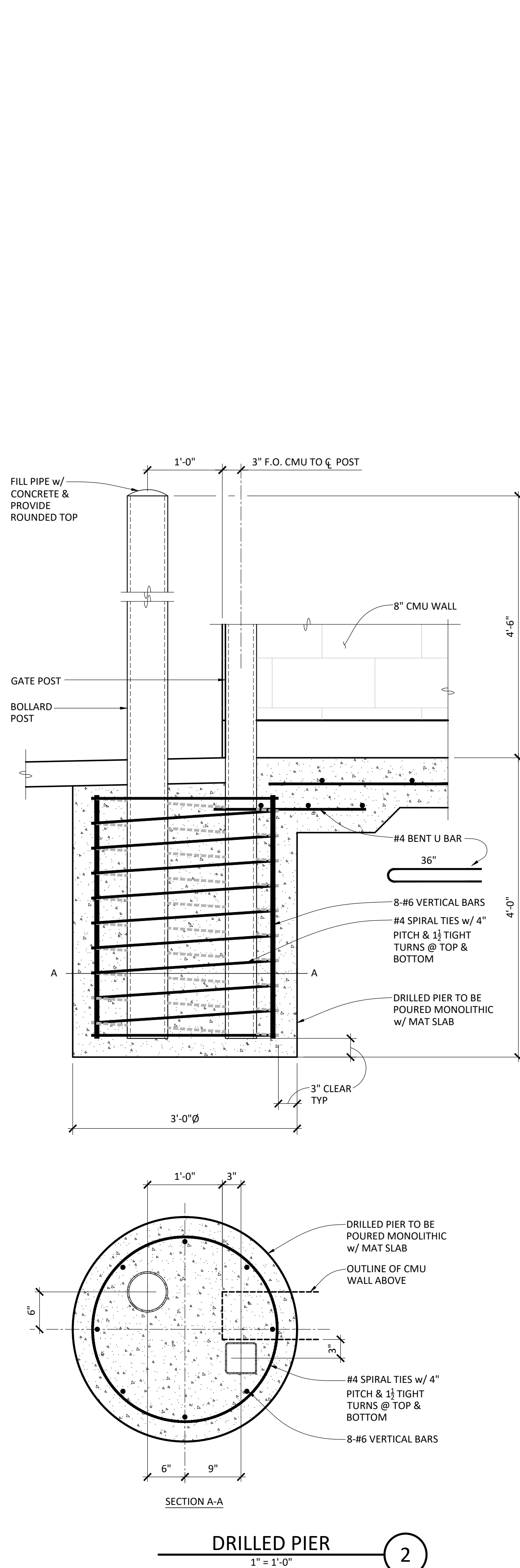
PARTIAL CEILING FRAMING PLAN NOTES:

- CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- STRUCTURAL SCOPE IS LIMITED TO MISCELLANEOUS FRAMING MODIFICATIONS TO ACCOMMODATE A RESTROOM UPGRADE.

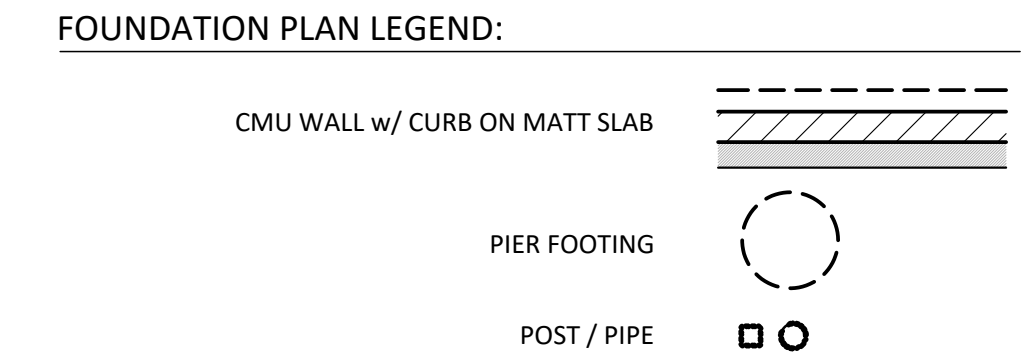
PARTIAL CEILING FRAMING PLAN LEGEND:

EXISTING WALL	
NEW WALL	
NEW FRAMING	





- FOUNDATION PLAN NOTES:**
- REFER TO CIVIL DRAWINGS, PROJECT SPECIFICATIONS & GEOTECHNICAL REPORT FOR PREPARATION OF BUILDING PAD.
  - REFER TO SHEET 50.1 & 50.2 FOR TYPICAL NOTES AND DETAILS.
  - CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & LANDSCAPE. ALL EXTERIOR CONCRETE WORK IS PER CIVIL / ARCHITECTURAL SITE PLAN.
  - DIMENSIONS ARE TO FACE OF CMU WALLS AND CENTERLINE OF POSTS. UNO. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS & NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

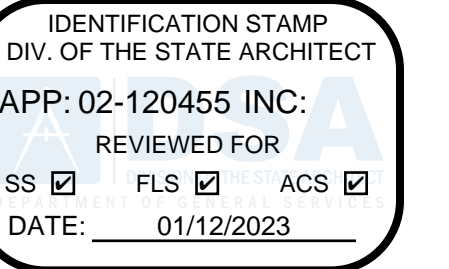


- KEY NOTES:**
- 8" THICK MATT SLAB w/ #5 BARS @ 18"oc EACH WAY CENTERED IN DEPTH OF MATT SLAB
  - THICKENED SLAB EDGE, TYP @ PERIMETER
  - 24"Ø x 48" DEEP DRILLED PIER, TYP OF 2
  - 8" FULLY GROUTED CMU WALL w/ #5 VERTICAL BARS @ 16"oc & #5 HORIZONTAL BARS @ 24"oc - ALL HORIZONTAL BARS ARE TO TERMINATE w/ A 180° HOOK
  - 6" HIGH CURB, TYP ALONG CMU WALLS
  - HSS5x5 1/2 GATE POST
  - 6"Ø SCHEDULE 40 PIPE BOLLARD POST, FILL WITH CONCRETE OR NON-SHRINK GROUT
  - HINGE
  - CANE BOLT
  - SLIDE BOLT
  - 3/8x2 PLATE, DIAGONAL
  - L2x2x1/4
  - B36 x 18GAGE DECK
  - CANE BOLT SLEEVE
  - 36"Ø x 48" DEEP DRILLED PIER, TYP OF 2 - SEE 2/S2.2
- ALL STEEL BOLLARDS, POSTS AND GATES SHALL BE GALVANIZED

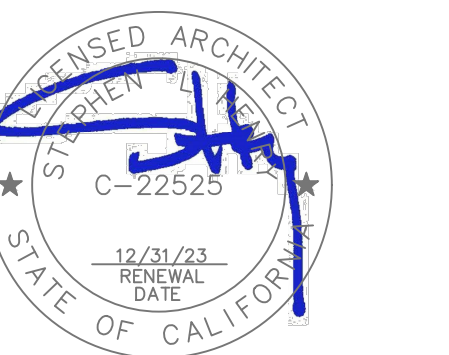
**SEISMIC LOAD RESISTING SYSTEM (SLRS):**

DIRECTION	WALL LINES
NORTH-SOUTH	LINE 1 & LINE 2
EAST-WEST	LINE A

ASCE 7-16 TABLE 15.4-2: GROUND SUPPORTED CANTILEVER WALLS OR FENCES (ASCE 7-16 TABLE 15.4-2)



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

TRASH ENCLOSURE  
PLANS & DETAILS

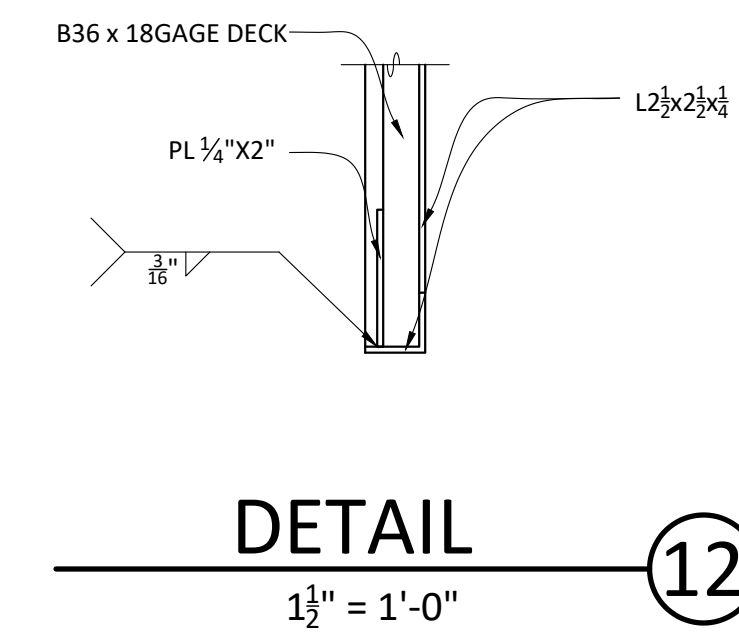
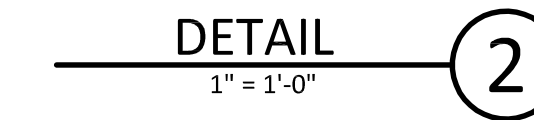
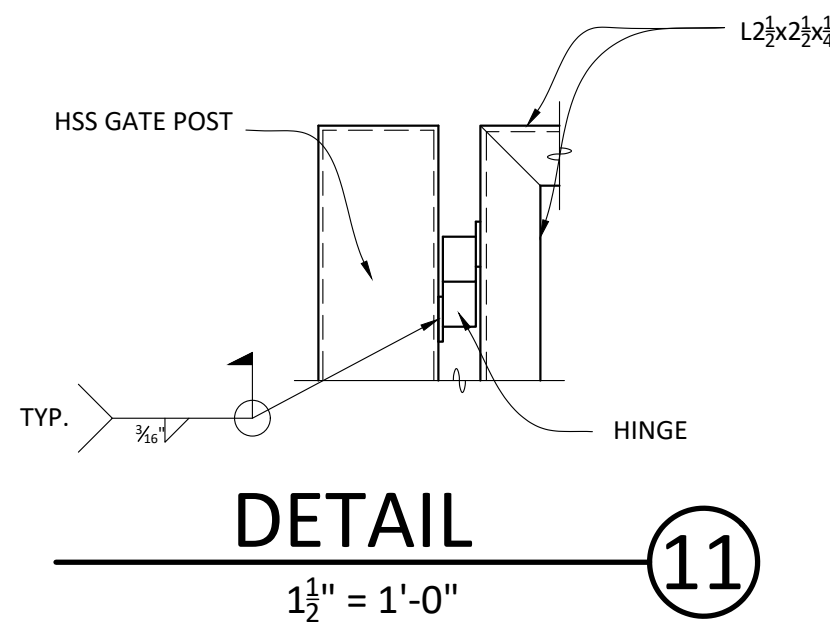
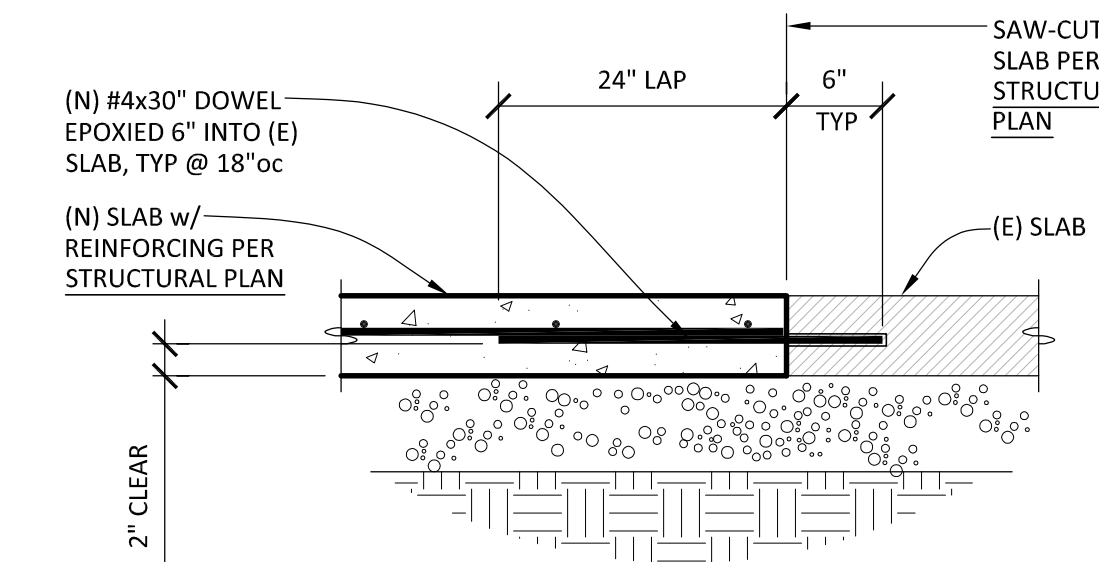
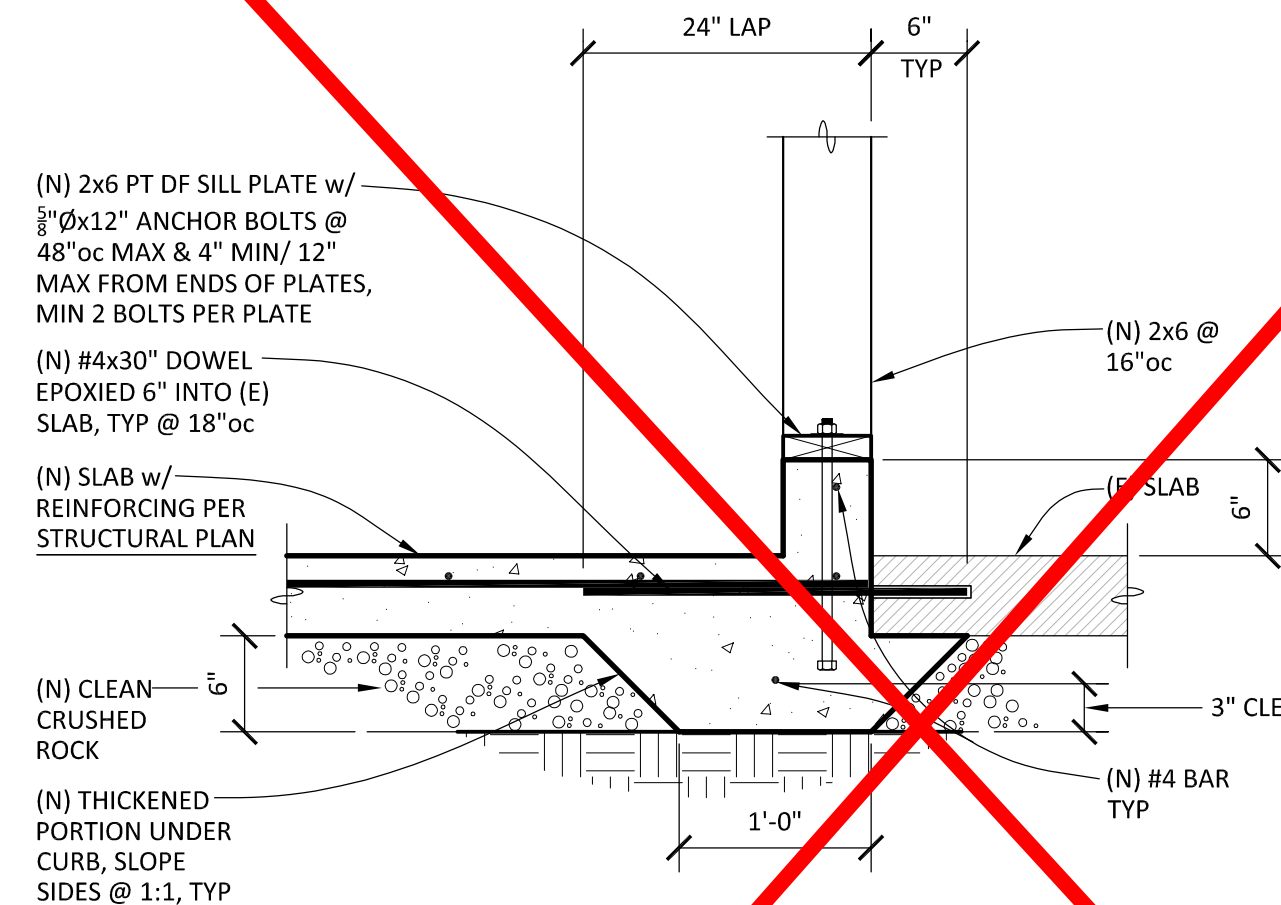
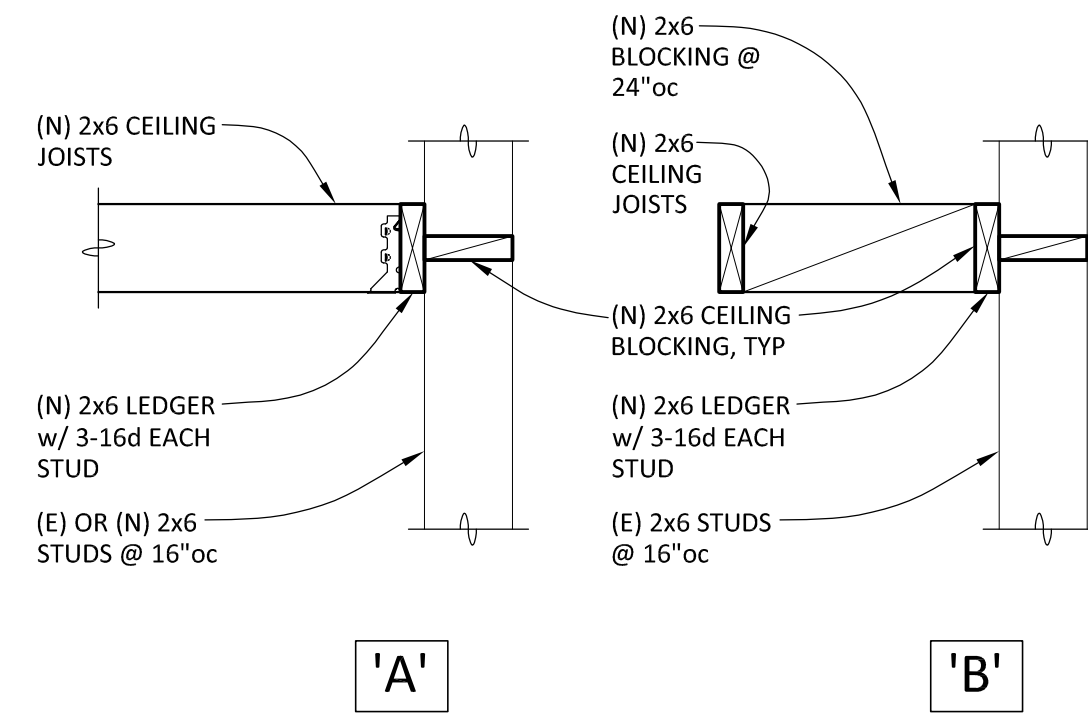
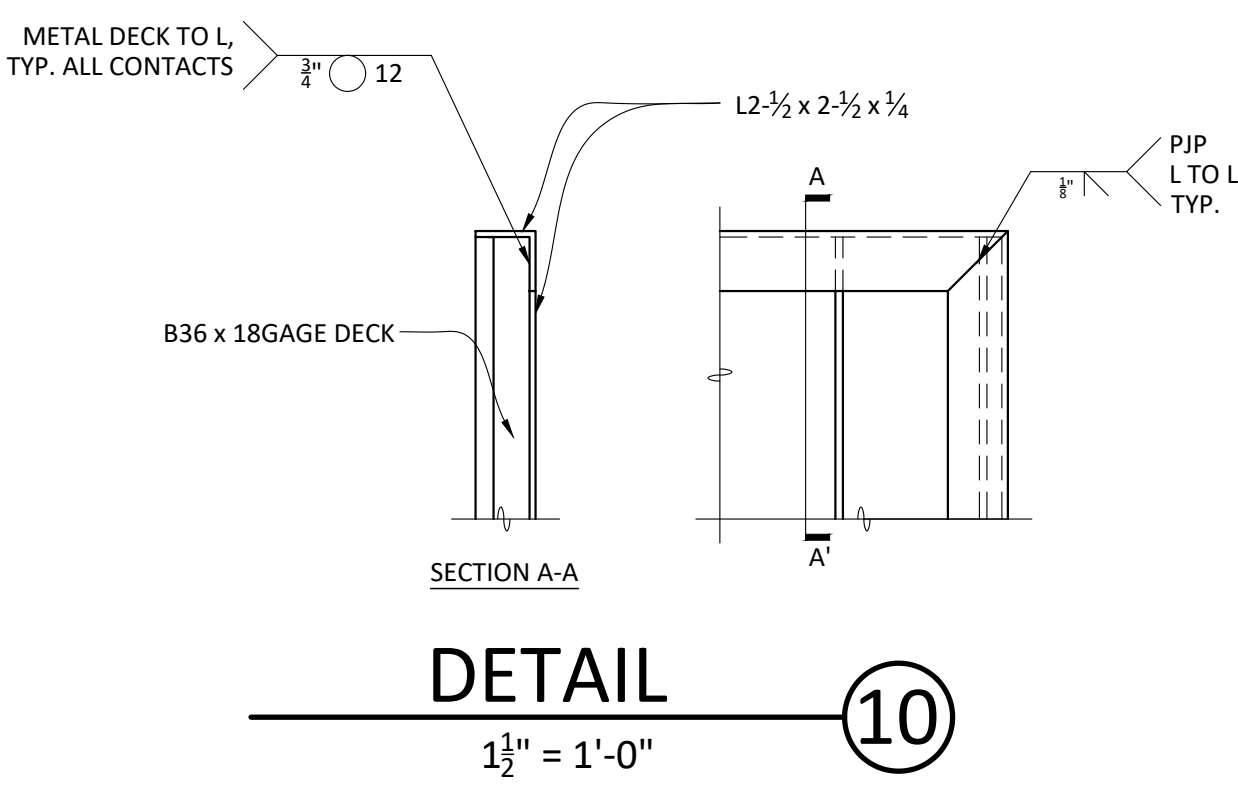
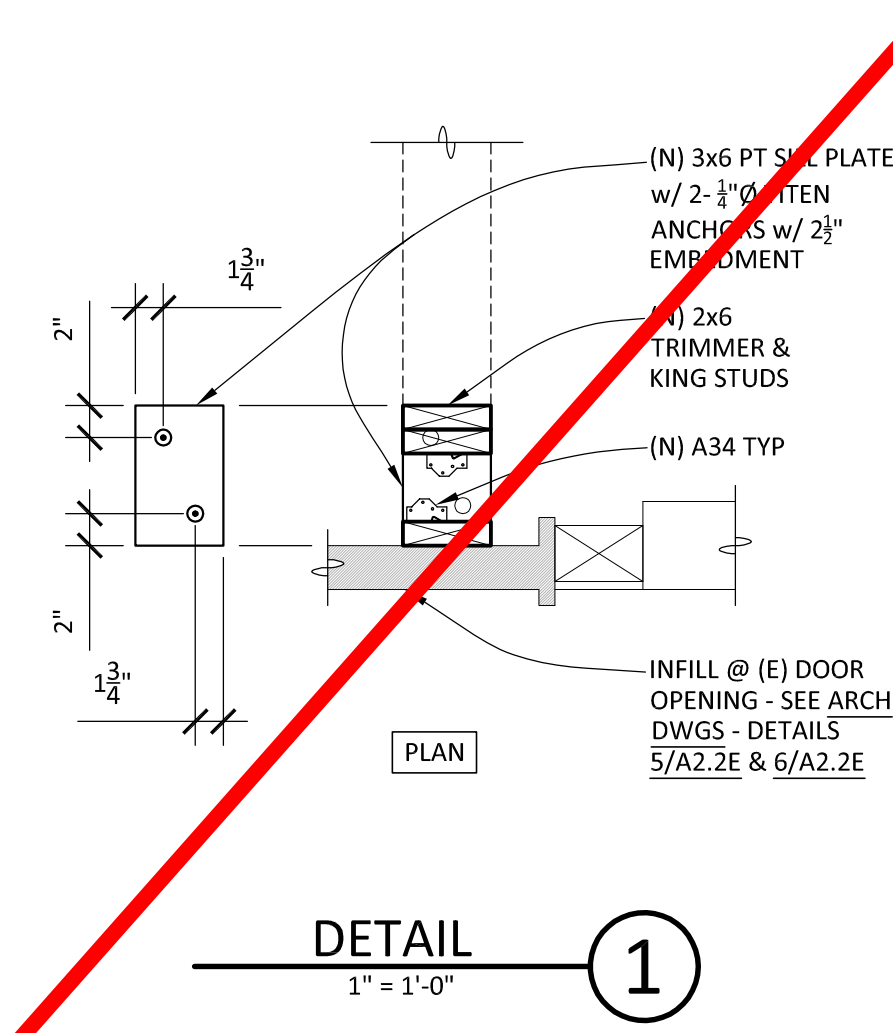
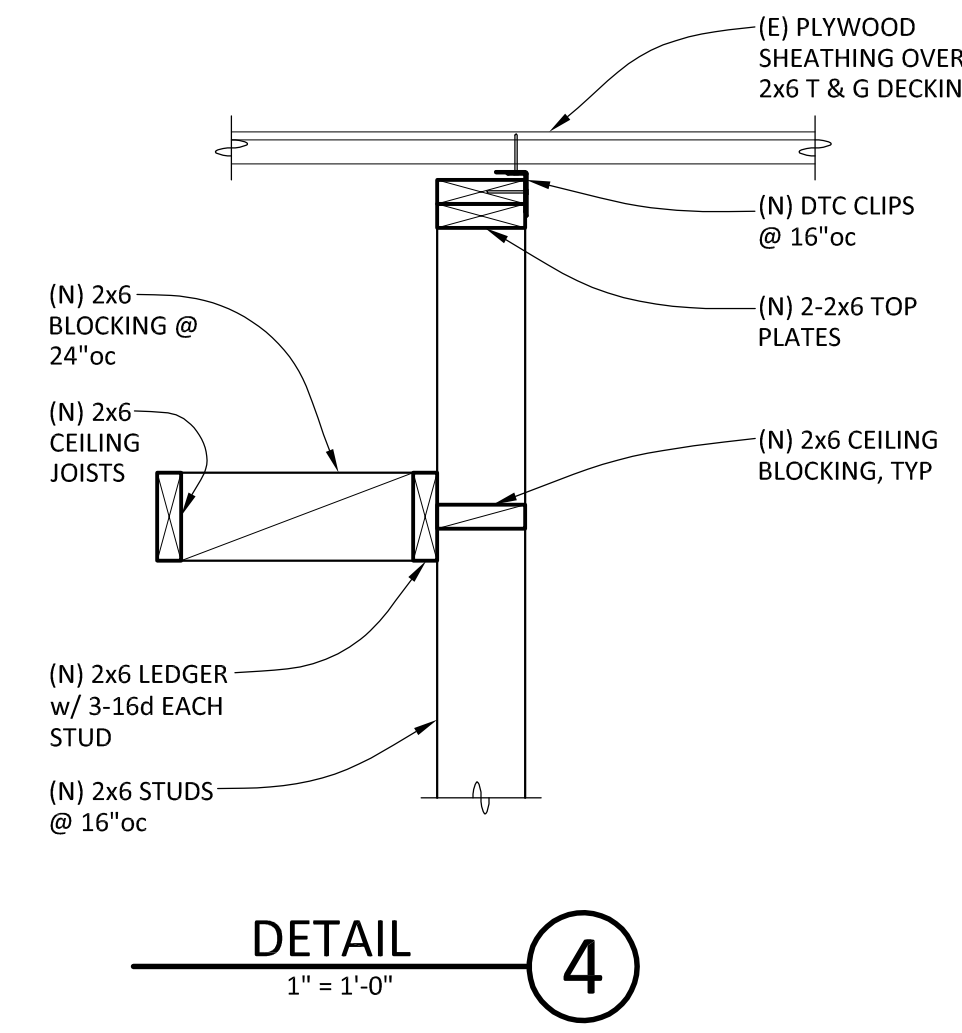
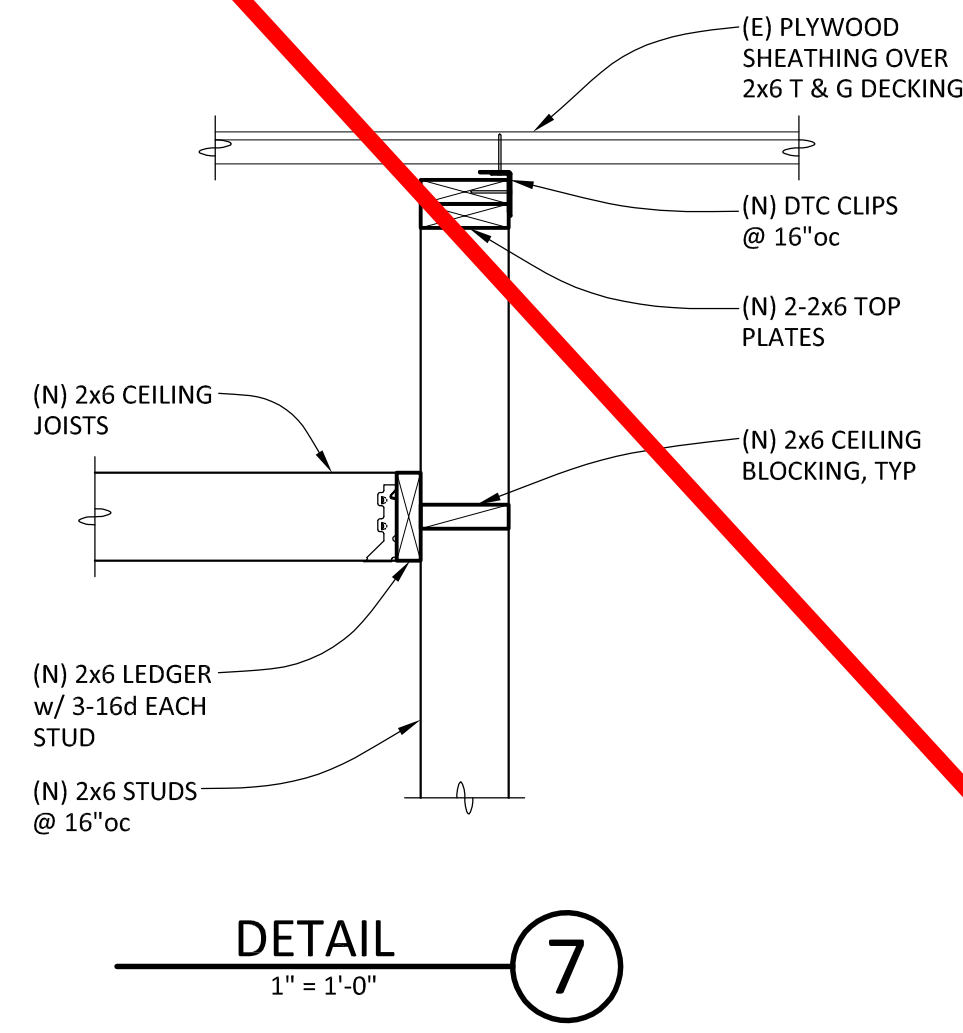
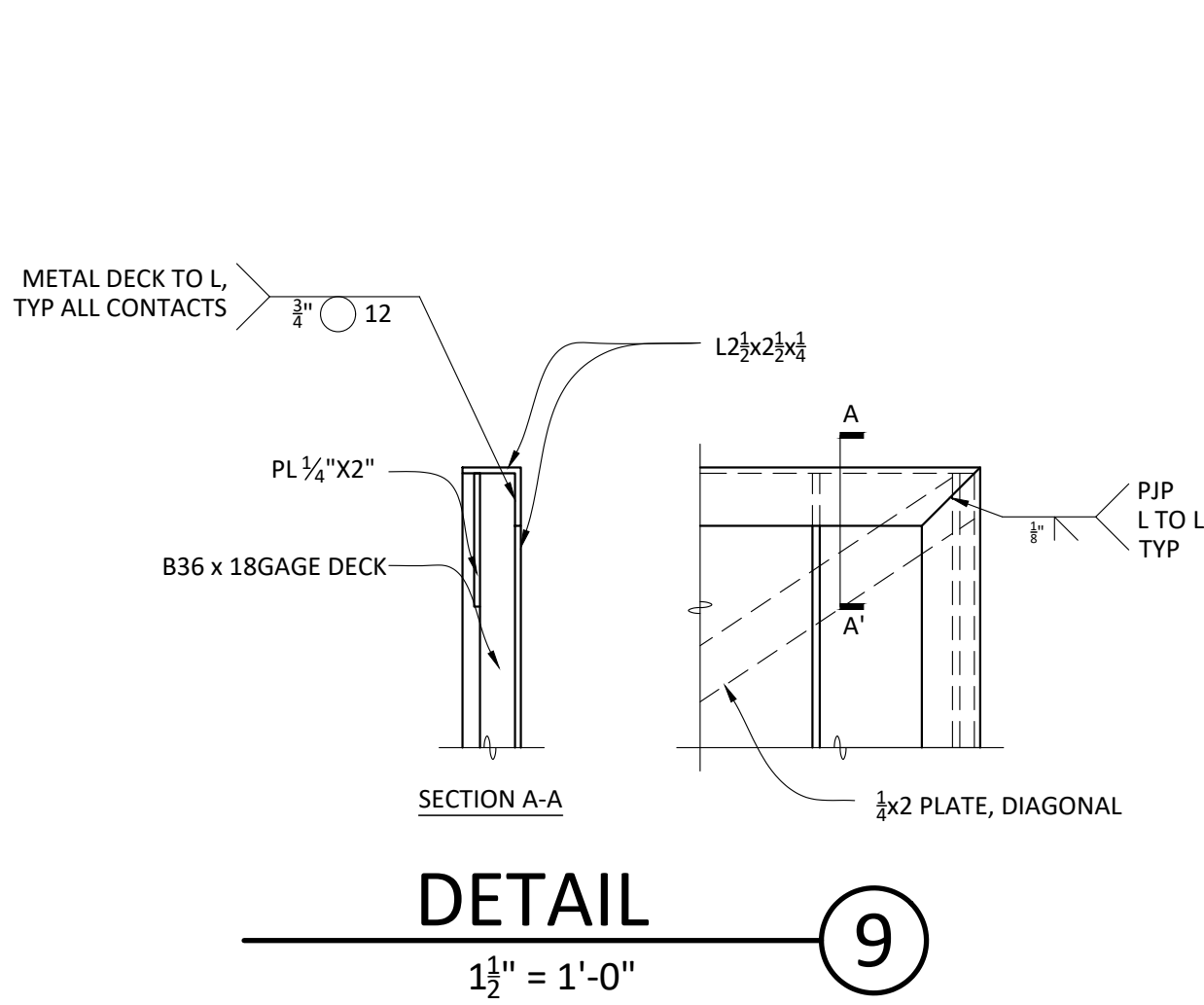
**RW CONSULTING Engineers Inc**  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910



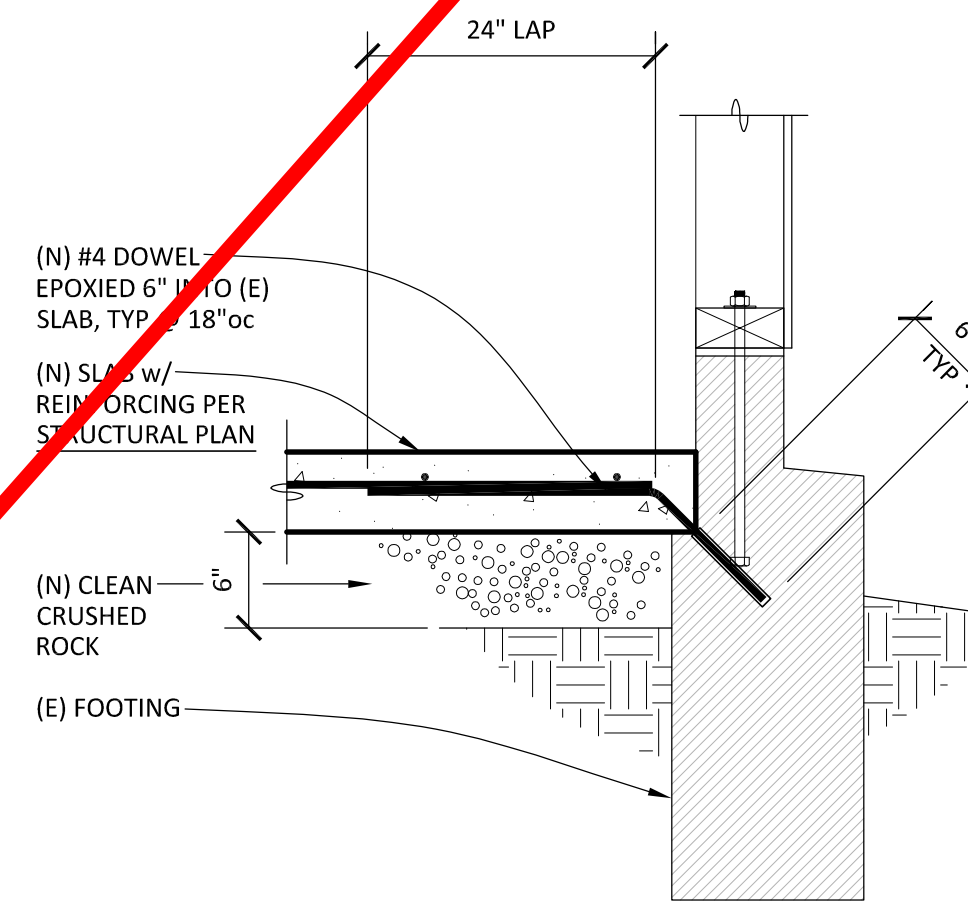
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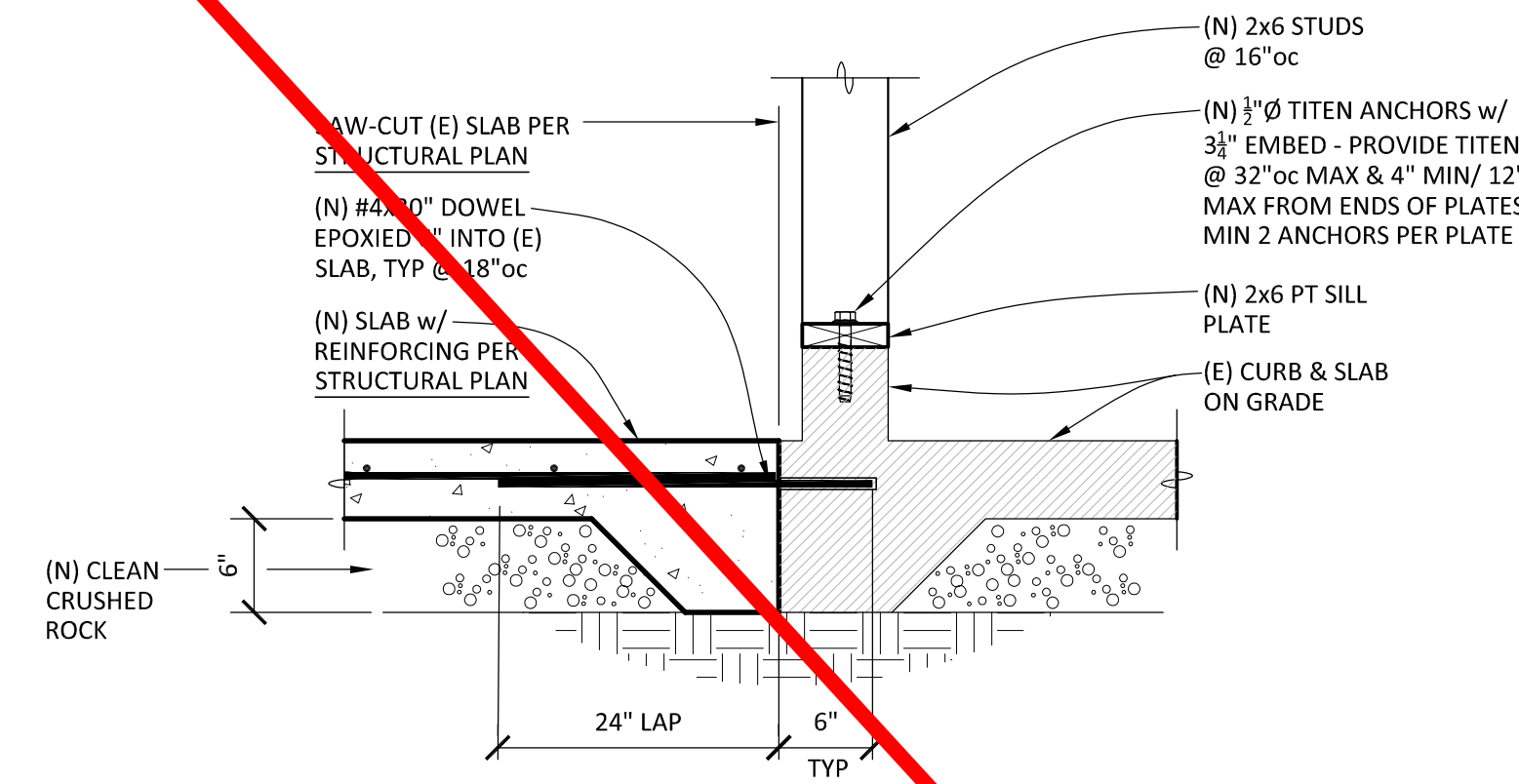
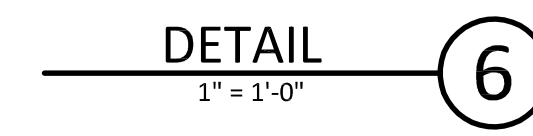




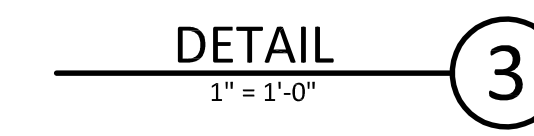
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EPOXY NOTES:  
1. PERIODIC INSPECTION REQUIRED  
2. PULL TEST 10% OF DOWELS TO 3,000 LB



TITEN NOTES:  
1. PERIODIC INSPECTION REQUIRED  
2. TORQUE TESTING NOT REQUIRED  
NOTES:  
1. PERIODIC INSPECTION REQUIRED  
2. PULL TEST 10% OF DOWELS TO 3,000 LB



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APP: 02-120455 INC:  
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DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

**HENRY+**  
**ASSOCIATES**  
ARCHITECTS

REGISTERED ARCHITECT  
STEPHEN J. HENRY  
C-22523  
12/31/23  
RENEWAL  
DATE  
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

DETAILS

**RW** CONSULTING  
**Engineers Inc**  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.716.6910

REGISTERED PROFESSIONAL ENGINEER  
BRETT T. RICHARDS  
C-45538  
12/16/2022  
STATE OF CALIFORNIA

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MECHANICAL GENERAL NOTES	
1.	ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES AND INDUSTRY STANDARDS.
2.	VERIFY EXACT LOCATION OF ALL (E) EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN (E) SYSTEMS AND DRAWINGS.
3.	COORDINATE EXACT LOCATION OF EQUIPMENT AND ALL PENETRATIONS THROUGH ROOF, FLOORS AND WALLS WITH ARCHITECTURAL STRUCTURAL SYSTEMS PRIOR TO COMMENCING WORK.
4.	COORDINATE EXACT SIZE AND ROUTING OF DUCTWORK WITH ARCHITECTURAL PLANS, STRUCTURE AND EQUIPMENT PRIOR TO COMMENCING WORK.
5.	SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES.
6.	FURNISH AND INSTALL MANUAL AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SINGLE SUPPLY DUFFUSER.
7.	FLEXIBLE DUCTWORK CONNECTIONS TO CEILING DIFFUSERS ARE LIMITED TO 5' MAXIMUM LENGTH.
8.	ALL DUCTWORK, CEILING DIFFUSERS/REGISTERS/GRILLES, EQUIPMENT, PIPING ETC., ARE NEW U.O.N. (SHOWN HEAVY). (E) DUCTWORK, PIPING ETC. IS SHOWN LIGHT. SEE LEGEND.
9.	(E) DUCTWORK AND ITEMS TO BE REMOVED ARE SHOWN CROSSED ("X") OUT, SEE LEGEND. COORDINATE CLOSELY WITH (N) DUCTWORK AND P.O.C.'S SHOWN. ALL OTHER (E) DUCTWORK, ETC. TO REMAIN.
10.	WHERE INLET DUCT DIAMETER AND DIFFUSER NECK SIZE ARE THE SAME (I.E. 9"Ø & 9x9) CONTRACTOR SHALL OVERSIZE THE SHEET METAL PLENUM TO ACCOMODATE THE ROUND DUCT CONNECTION.
11.	THERMOSTATS AND ROOM TEMPERATURE SENSORS SHALL BE INSTALLED AT 46" ABOVE FINISHED FLOOR (TO TOP OF DEVICE). DO NOT INSTALL THERMOSTATS AND ROOM TEMPERATURE SENSORS ABOVE CASEWORK, SHELVING OR OTHER OBSTRUCTIONS OVER 24" IN DEPTH AND 34" IN HEIGHT.

MEP COMPONENT ANCHORAGE NOTE	
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.	
1.	ALL PERMANENT EQUIPMENT AND COMPONENTS.
2.	TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
3.	TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.	
A.	COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B.	COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.	

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE	
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.	
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.	
MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):	
MP □ MD □ PP □ E □	OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS
MP <input checked="" type="checkbox"/> MD <input checked="" type="checkbox"/> PP □ E □	OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) #0043-13


MECHANICAL LEGEND cont'd		
SYMBOL	ABBREVIATION	DESCRIPTION
"F	ABV	ABOVE
	ABC	ABOVE CEILING
	BDD	BACK DRAFT DAMPER
	BHP	BRAKE HORSE POWER
	BTU(H)	BRITISH THERMAL UNITS (PER HOUR)
	CLG	CEILING
	CEF	CEILING EXHAUST FAN
	CFM	CUBIC FEET OF AIR FLOW PER MINUTE
	DPR	DAMPER
		DEGREES FAHRENHEIT
	DIA	DIAMETER , PHASE
	DL	DOOR LOUVER
	ENT	ENTERING
	EDB	ENTERING DRY BULB
	EW	ENTERING WATER
	EWT	ENTERING WATER TEMPERATURE
	EWB	ENTERING WET BULB
	EVAP	EVAPORATOR
	EA	EXHAUST AIR
	EAD	EXHAUST AIR DAMPER
	EF	EXHAUST FAN
	(E), EXIST	EXISTING
	(E)	EXISTING TO BE REMOVED
	ESP	EXTERNAL STATIC PRESSURE
	FLA	FULL LOAD AMPS
	GA	GAUGE
	HTG	HEATING
	KW	KILOWATTS
	KWH	KILOWATT HOUR
	LDB	LEAVING DRY BULB IN DEGREES FAHRENHEIT
	LWB	LEAVING WET BULB IN DEGREES FAHRENHEIT
	LRA	LOCKED ROTOR AMPERES
	LVR	LOUVER
	MAD	MANUAL AIR DAMPER
	MD	MOTORIZED AIR DAMPER
	MIN	MINIMUM
	MCC	MOTOR CONTROL CENTER
	(N)	NEW
	OA	OUTSIDE AIR
	OAD	OUTSIDE AIR DAMPER
	POC	POINT OF CONNECTION
	RS	REFRIGERANT SUCTION PIPING
	RL	REFRIGERANT LIQUID PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RA	RETURN AIR
	RAD	RETURN AIR DAMPER
	RPM	REVOLUTIONS PER MINUTE
	RLA	RUNNING LOAD AMPERES
	SM	SHEET METAL
	SQFT	SQUARE FEET
	SQIN	SQUARE INCHES
	SP	STATIC PRESSURE
	SA	SUPPLY AIR
	T	THERMOSTAT, "X" INDICATES DEVICE CONTROLLED. 48" AFF (TO TOP OF STAT)
	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
	TSP	TOTAL STATIC PRESSURE
	TYP	TYPICAL
	WT	WEIGHT

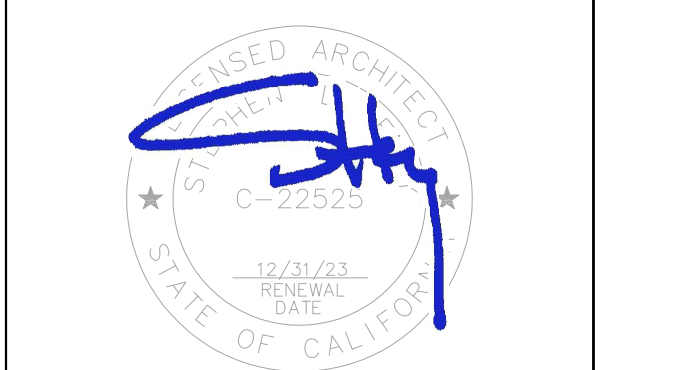
DIFFUSER, REGISTER & GRILLE SCHEDULE						
SYMBOL	DESCRIPTION	KRUEGER	METALAIRE	NAILOR	TITUS	TUTTLE & BAILEY
R, T, E *	CEILING OR SIDEWALL RETURN, TRANSFER OR EXHAUST GRILLE WITH 36" OR 48" HORIZONTAL BARS.	S 80 H	SRH	7145 H	350 RL	T70D
NOTES: 1. ALL SYMBOLS NOTED MAY NOT BE USED. REFER TO PLANS FOR SIZE AND QUANTITY. 2. FURNISH ALL PRODUCTS OF A SINGLE MANUFACTURER. 3. COORDINATE DIFFUSER TYPE WITH ARCHITECTURAL REFLECTED CEILING PLAN.						

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Phone: 916.921.2112  
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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

MECHANICAL - LEGEND,  
SCHEDULE AND NOTES

CONSULTANT

  
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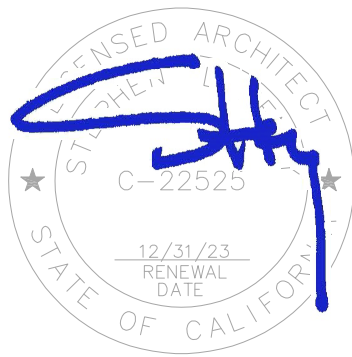


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EXHAUST FAN SCHEDULE													
UNIT	SERVES	MANUFACTURER MODEL NO.	CFM	ESP (IN. W.G.)	ROOF OPENING SIZE (IN.)	STYLE	RPM	HP (WATTS)	VOLT/PH	MAX. OPER. WT. (LBS.)	INTERLOCK SCHEDULE	MOUNTING DETAIL	NOTES
CEF 1E	TOILET RM. E104	"GREENHECK" SP-A190	175	0.3	NA	CE	1400	(48)	115/1	25	REFER TO INTERLOCK SCHEDULE ON M-6.08	2 MS.1	① ② ③ ④
STYLE: RED- ROOF EXHAUST DOWNBLAST, REU- ROOF EXHAUST UPBLAST, CAB- IN LINE CABINET, CE- CEILING, UT- UTILITY SET, WE- WALL EXHAUST													
NOTES: ① PROVIDE WITH THERMAL OVERLOAD PROTECTED MOTOR. ② PROVIDE BACKDRAFT DAMPER. ③ PROVIDE WITH FACTORY SOLID STATE SPEED CONTROLLER. ④ INTERLOCK WITH ROOM LIGHTS.													

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Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

MECHANICAL -  
EQUIPMENT SCHEDULES

CONSULTANT

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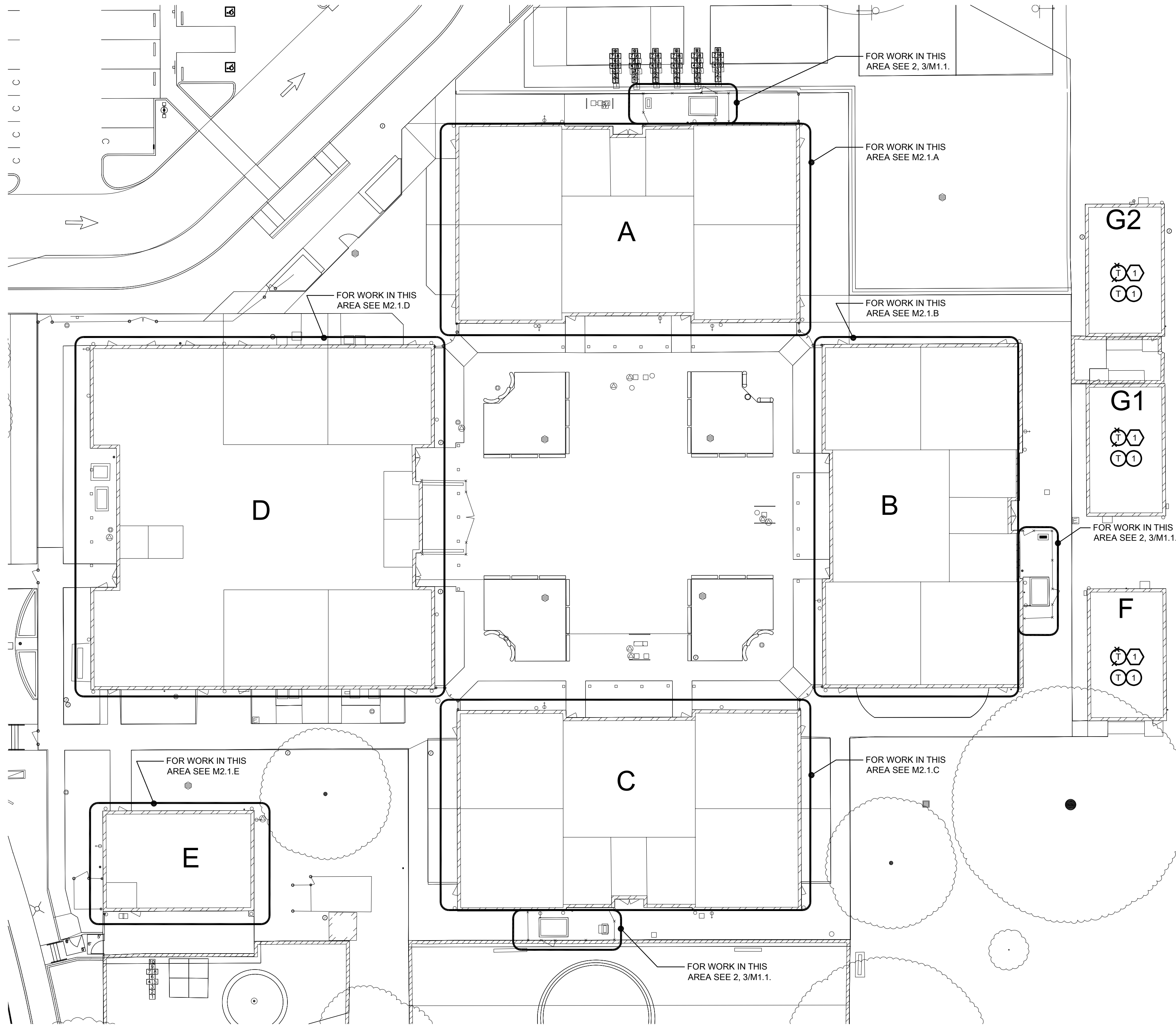
capital  
engineering

RANCHO CORDOVA, CALIFORNIA  
MM - RL  
PM - DESIGN TEAM  
220210.00  
PROJECT NO.

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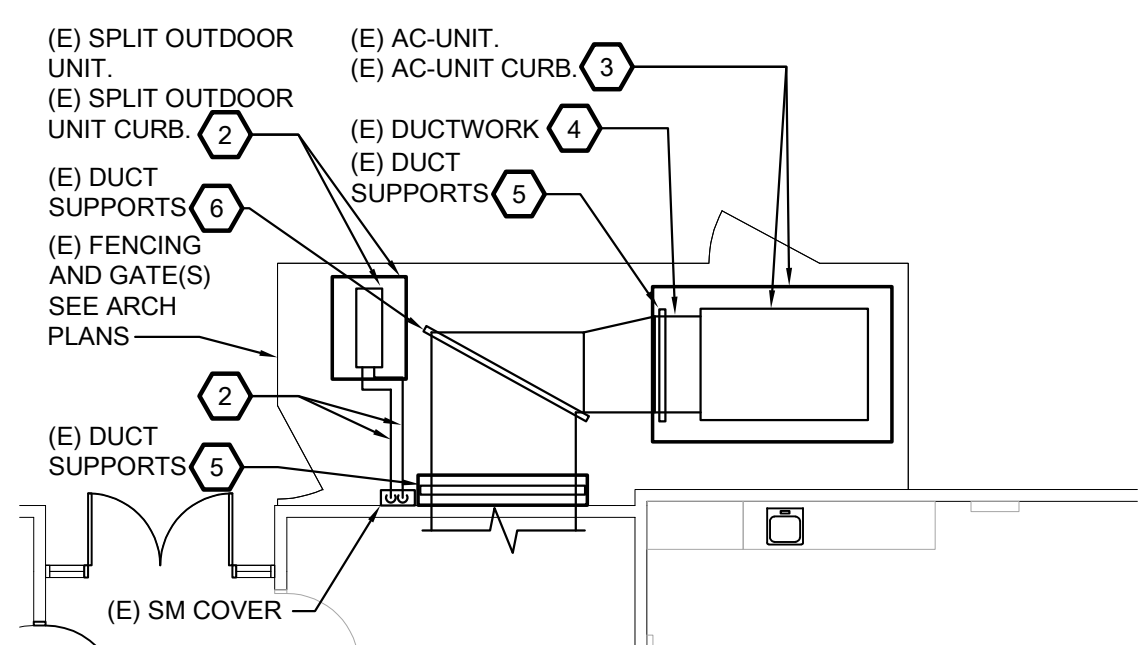
1 MECHANICAL SITE PLAN  
SCALE: 1" = 20'-0"

DEMOLITION SHEET NOTES:

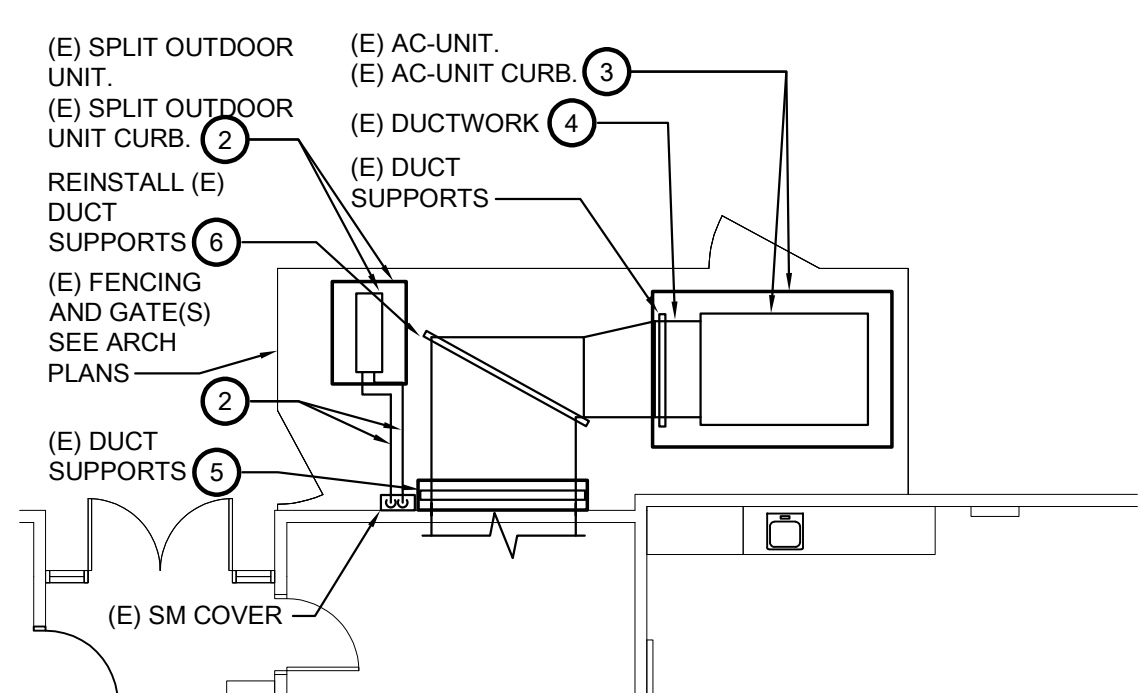
- 1 REMOVE THERMOSTAT AND PREPARE LOCATION FOR NEW STAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
- 2 (E) SPLIT OUTDOOR UNIT AND CURB TO REMAIN. DISCONNECT LINE SETS AND MOVE OUT OF WAY OF CONCRETE WORK. SET ASIDE FOR FUTURE REINSTALLATION. PROVIDE WRAP OVER THE (E) SPLIT OUTDOOR UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
- 3 (E) PACKAGE AC-UNIT AND CURB TO REMAIN. PROVIDE WRAP OVER THE (E) AC-UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
- 4 (E) DUCTWORK TO REMAIN. TEMPORARILY SUPPORT DUCTWORK IN ORDER FOR DEMOLITON AND NEW CONCRETE WORK.
- 5 (E) DUCT SUPPORT TO REMAIN AND PAD TO REMAIN. PROVIDE WRAP OVER THE (E) DUCTWORK WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
- 6 (E) DUCT SUPPORT TO BE REMOVED AND SET ASIDE. TEMPORARILY SUPPORT DUCTWORK DURING DEMOLITION AND NEW CONCRETE WORK.

SHEET NOTES:

- 1 NEW PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
- 2 (E) SPLIT OUTDOOR UNIT AND CURB. COMB OUT ALL COIL FINS. REINSTALL (E) REFRIGERANT LINE SETS AND RECHARGE WITH NEW REFRIGERANT TO EQUIPMENT PER SPECIFICATIONS. SEE 3/M5.1 FOR DETAIL.
- 3 (E) PACKAGE AC-UNIT AND CURB. COMB OUT ALL COIL FINS.
- 4 (E) DUCTWORK TO REMAIN.
- 5 (E) DUCT SUPPORT AND PAD TO REMAIN.
- 6 REINSTALL (E) DUCT SUPPORT. ADJUST HEIGHT OF SUPPORT TO WORK WITH NEW FINISHED GRADE ELEVATION. SECURE TO CONC. W/ (4) 3/8"DIA. 'HILTI' KWIK BOLT T22, W/ MIN. 1-5/8" EMBEDMENT.



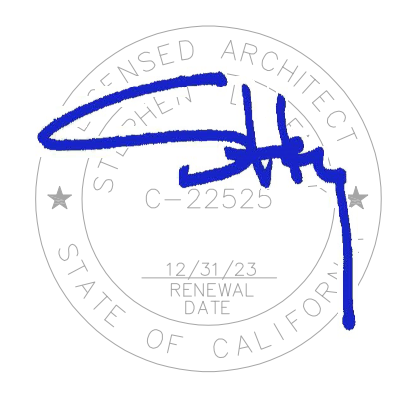
2 MECHANICAL DEMOLITON - HVAC  
ENLARGED BUILDING YARD PLAN  
SCALE: 1/8" = 1'-0" (SIMILAR FOR BUILDING A, B AND C)



3 MECHANICAL - HVAC  
ENLARGED BUILDING A YARD PLAN  
SCALE: 1/8" = 1'-0" (SIMILAR FOR BUILDING A, B AND C)

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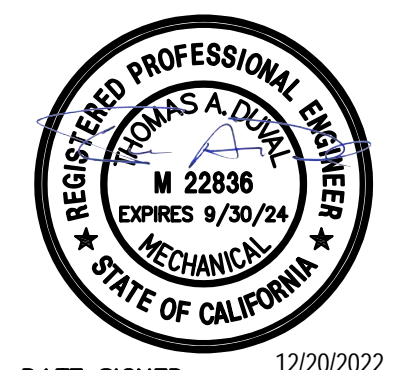
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Sacramento, CA 95825  
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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

MECHANICAL -  
OVERALL DEMOLITION  
AND NEW SITE

CONSULTANT



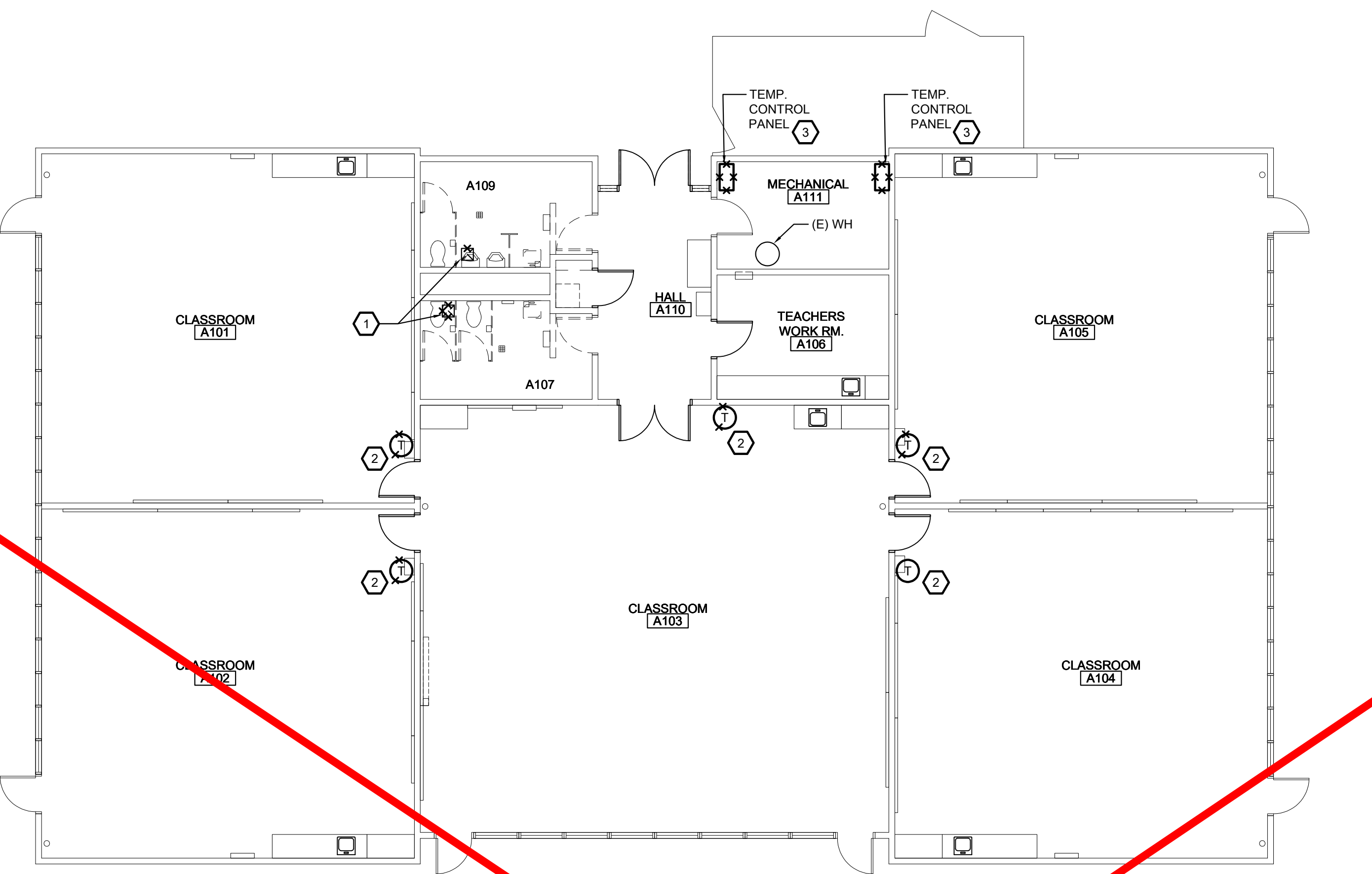
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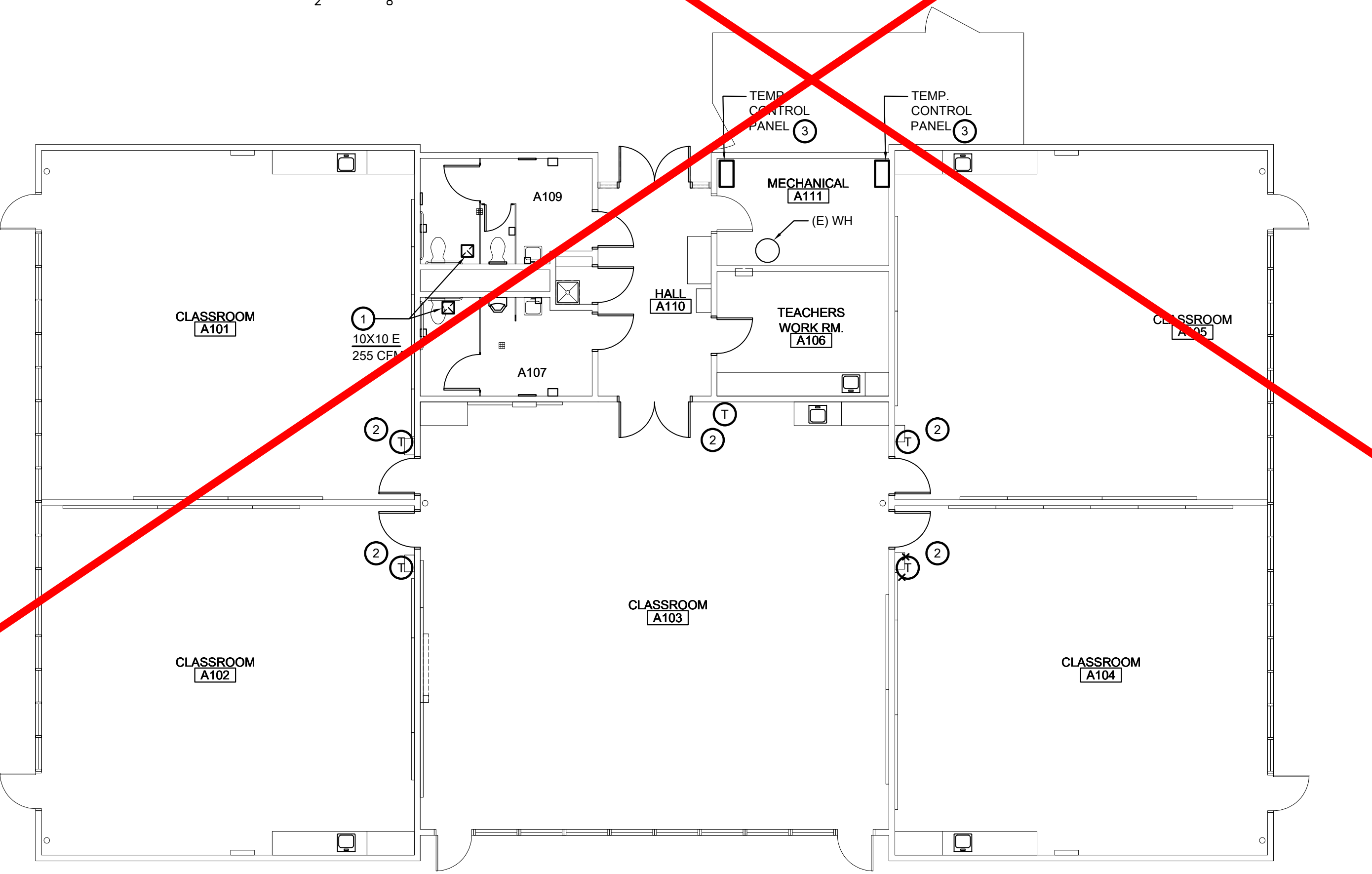
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**1** DEMOLITION FLOOR PLAN - BUILDING A  
M2.1.A SCALE: 1/8" = 1'-0"



**2 FLOOR PLAN - BUILDING A**

SCALE: 1/8" = 1'-0"

0 4' 16'

2' 8'

**DEMOLITION SHEET NOTES:**

- 1 REMOVE GRILLE, PREPARE FOR NEW GRILLE. DOCUMENT THE EXISTING SIZE AND PREPARE FOR NEW EXHAUST GRILLE. SEE DWG 11.
- 2 REMOVE THERMOSTAT AND REINSTALL SO THAT TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
- 3 CONTRACTOR TO CONFIRM IN FIELD WHICH PANEL IS "PELICAN" AND WHICH IS NON-PELICAN.  
REMOVE NON-PELICAN TEMPERATURE CONTROL PANEL AND RETURN TO OWNER.  
PELICAN CONTROL PANEL TO REMAIN ACTIVE.  
NOTIFY ARCHITECT WHERE PANELS ARE BEING REMOVED AND WHERE THEY ARE REMAINING.  
REMAIN NOTIFY ARCHITECT OF THE MODEL OF THE "PELICAN" PANEL CONTROLS.

**SHEET NOTES:**

- 1 NEW EXHAUST SYMBOL "E" GRILLE. REFER TO SCHEDULE FOR DESCRIPTION AND MANUFACTURER. MATCH EXISTING GRILLE SIZE.
- 2 REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
- 3 NEW PELICAN TEMPERATURE CONTROL PANEL. COORDINATE LOCATION IN FIELD.

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MECHANICAL -  
DEMOLITION & FLOOR  
PLANS - BUILDING A

CONSULTANT



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## M2.1.A



RANCHO CORDOVA, CALIFORNIA	
MM - RL	220210.00
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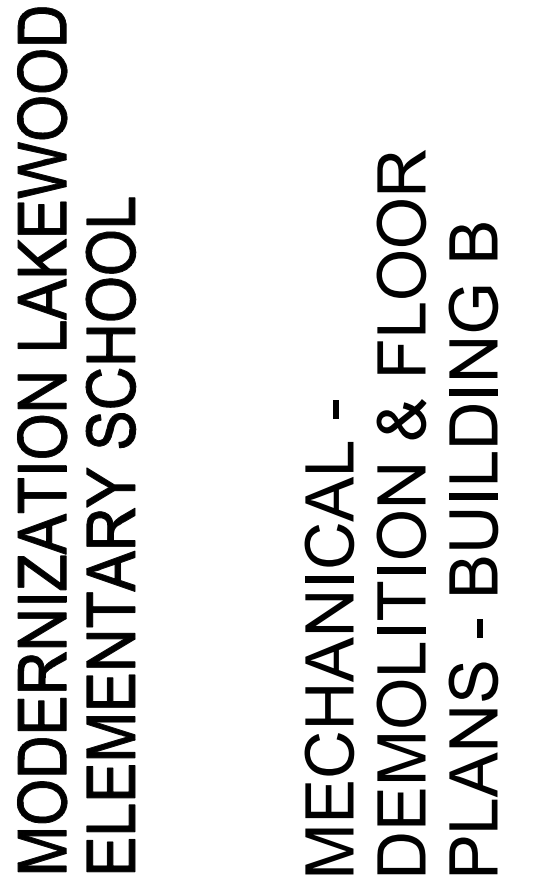


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PP: 02-120455 INC:  
REVIEWED FOR  
S ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023



**HENRY+  
ASSOCIATES  
ARCHITECTS**



DATE SIGNED: 12/20/2022

SHEET NO.

RANCHO CORDOVA, CALIFORNIA	
MM - RL	220210.00
PM - DESIGN TEAM	PROJECT NO.

- 1 REMOVE GRILLE. PREPARE FOR NEW GRILLE. DOCUMENT THE EXISTING SIZE AND PREPARE FOR NEW EXHAUST GRILLE. SEE 2/M2.1B.
- 2 REMOVE THERMOSTAT AND REINSTALL SO THAT TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
- 3 CONTRACTOR TO CONFIRM IN FIELD WHICH PANEL IS "PELICAN" AND WHICH IS NON-PELICAN.  
REMOVE NON-PELICAN TEMPERATURE CONTROL PANEL AND RETURN TO OWNER.  
PELICAN CONTROL PANEL TO REMAIN ACTIVE.  
NOTIFY ARCHITECT WHEN PANELS ARE BEING REMOVED AND WHERE THEY ARE REMAINING. (WHERE PANEL(S) ARE TO REMAIN NOTIFY ARCHITECT OF THE MODEL OF THE PELICAN PANEL/ CONTROLS.
- 4 (E) PELICAN GATEWAY.

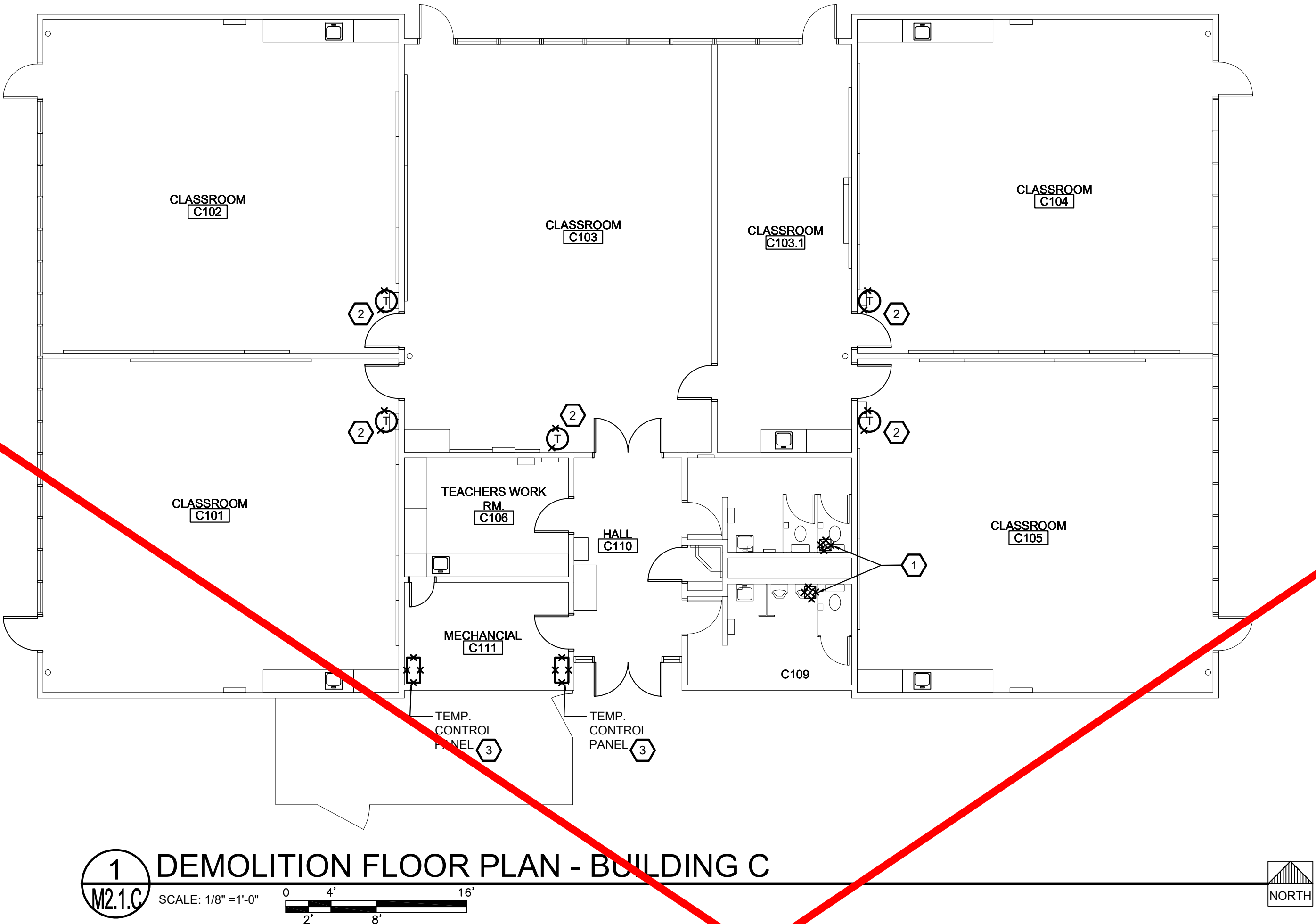
- ① NEW EXHAUST SYMBOL "E" GRILLE. REFER TO SCHEDULE FOR DESCRIPTION AND MANUFACTURER. MATCH EXISTING GRILLE SIZE.
- ② REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
- ③ NEW PELICAN TEMPERATURE CONTROL PANEL. COORDINATE LOCATION IN FIELD.
- ④ (E) PELICAN GATEWAY.

**NOTE:  
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RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
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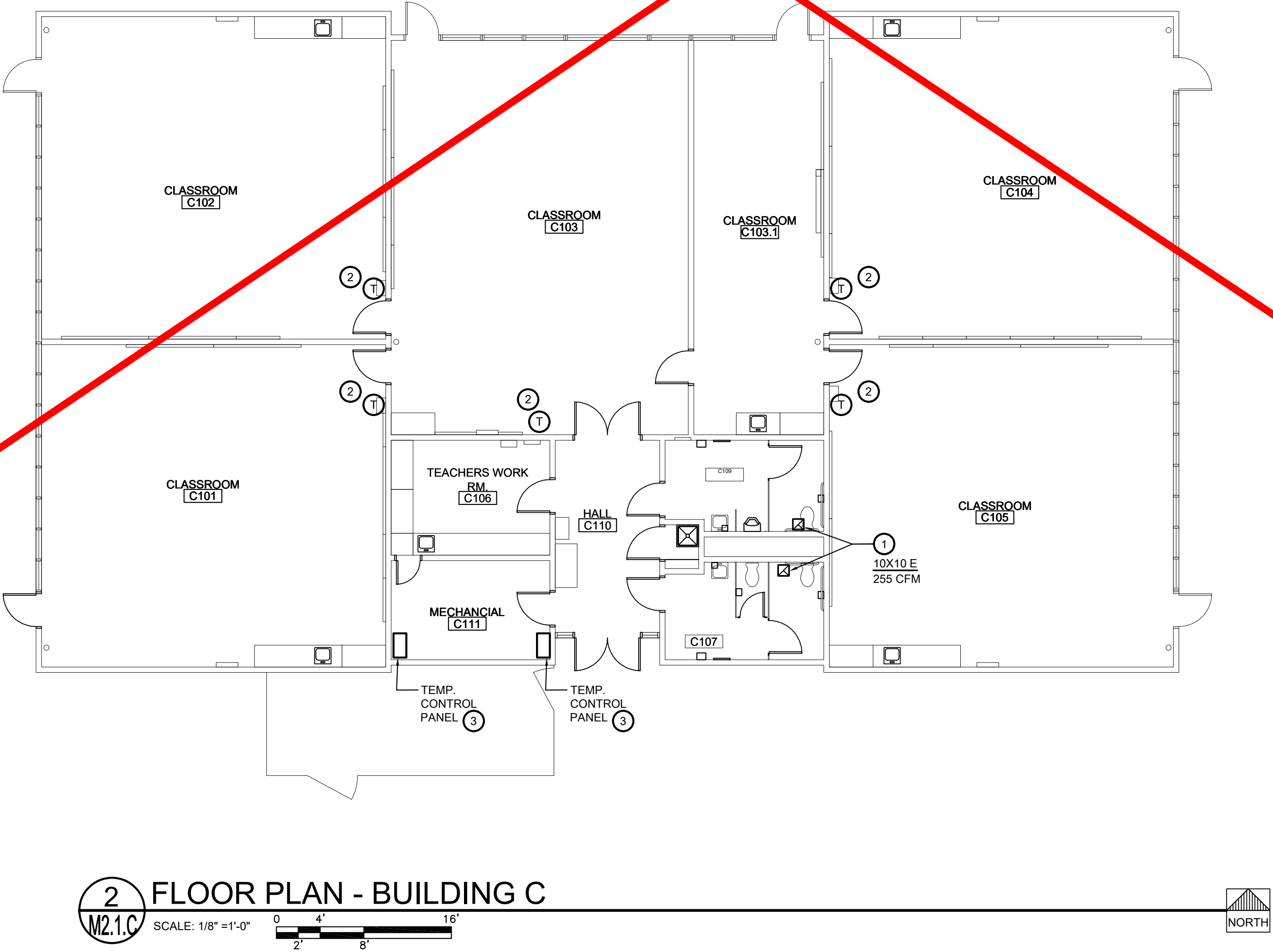


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- DEMOLITION SHEET NOTES:**
- 1 REMOVE GRILLE, PREPARE FOR NEW GRILLE. DOCUMENT THE EXISTING SIZE AND PREPARE FOR NEW EXHAUST GRILLE. SEE 2/M2.1C.
  - 2 REMOVE THERMOSTAT AND REINSTALL SO THAT TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
  - 3 CONTRACTOR TO CONFIRM IN FIELD WHICH PANEL IS "PELICAN" AND WHICH IS NON-PELICAN. REMOVE NON-PELICAN TEMPERATURE CONTROL PANEL AND RETURN TO OWNER. PELICAN CONTROL PANEL TO REMAIN ACTIVE. NOTIFY ARCHITECT WHERE PANEL(S) ARE BEING REMOVED AND WHERE THEY ARE REMAINING. WHERE PANEL(S) ARE TO REMAIN NOTIFY ARCHITECT OF THE MODEL OF THE PELICAN PANEL/ CONTROLS.

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- SHEET NOTES:**
- 1 NEW EXHAUST SYMBOL "E" GRILLE. REFER TO SCHEDULE FOR DESCRIPTION AND MANUFACTURER. MATCH EXISTING GRILLE SIZE.
  - 2 REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
  - 3 NEW PELICAN TEMPERATURE CONTROL PANEL. COORDINATE LOCATION IN FIELD.

IDENTIFICATION STAMP  
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APP: 0120455 INC:  
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SS ☒ FLS ☒ ACS ☒  
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730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
  
MECHANICAL -  
DEMOLITION & FLOOR  
PLANS - BUILDING C

CONSULTANT



DATE SIGNED: 12/20/2022

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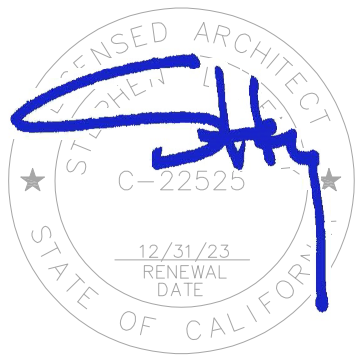
NOTE:  
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RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
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- DEMOLITION SHEET NOTES:
- 1 REMOVE THERMOSTAT AND REINSTALL SO THAT TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
  - 2 (E) PELICAN REPEATER.

- SHEET NOTES:
- 1 REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
  - 2 (E) PELICAN REPEATER.

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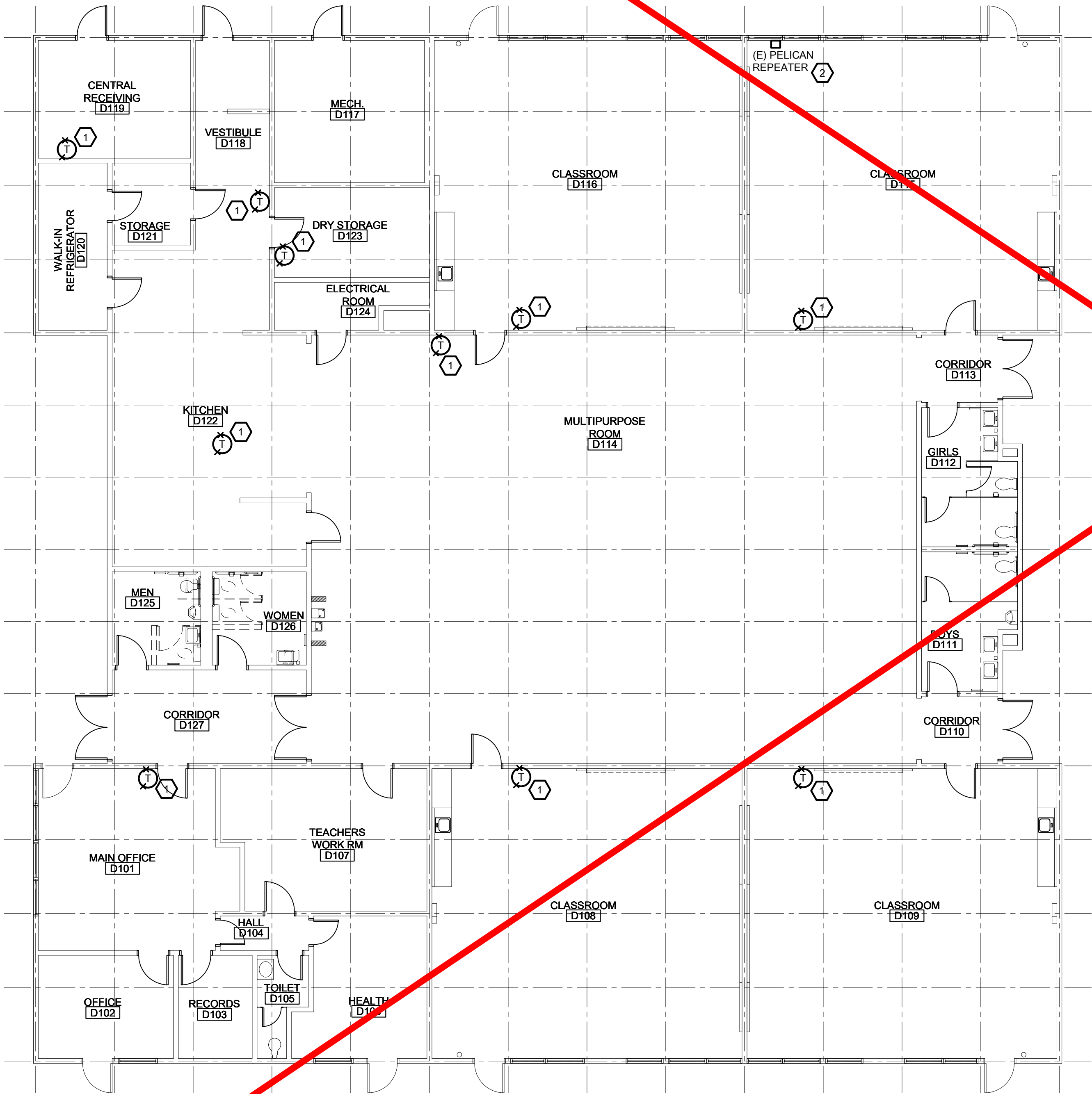
MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
MECHANICAL -  
DEMOLITION FLOOR  
PLAN - BUILDING D

CONSULTANT  
  
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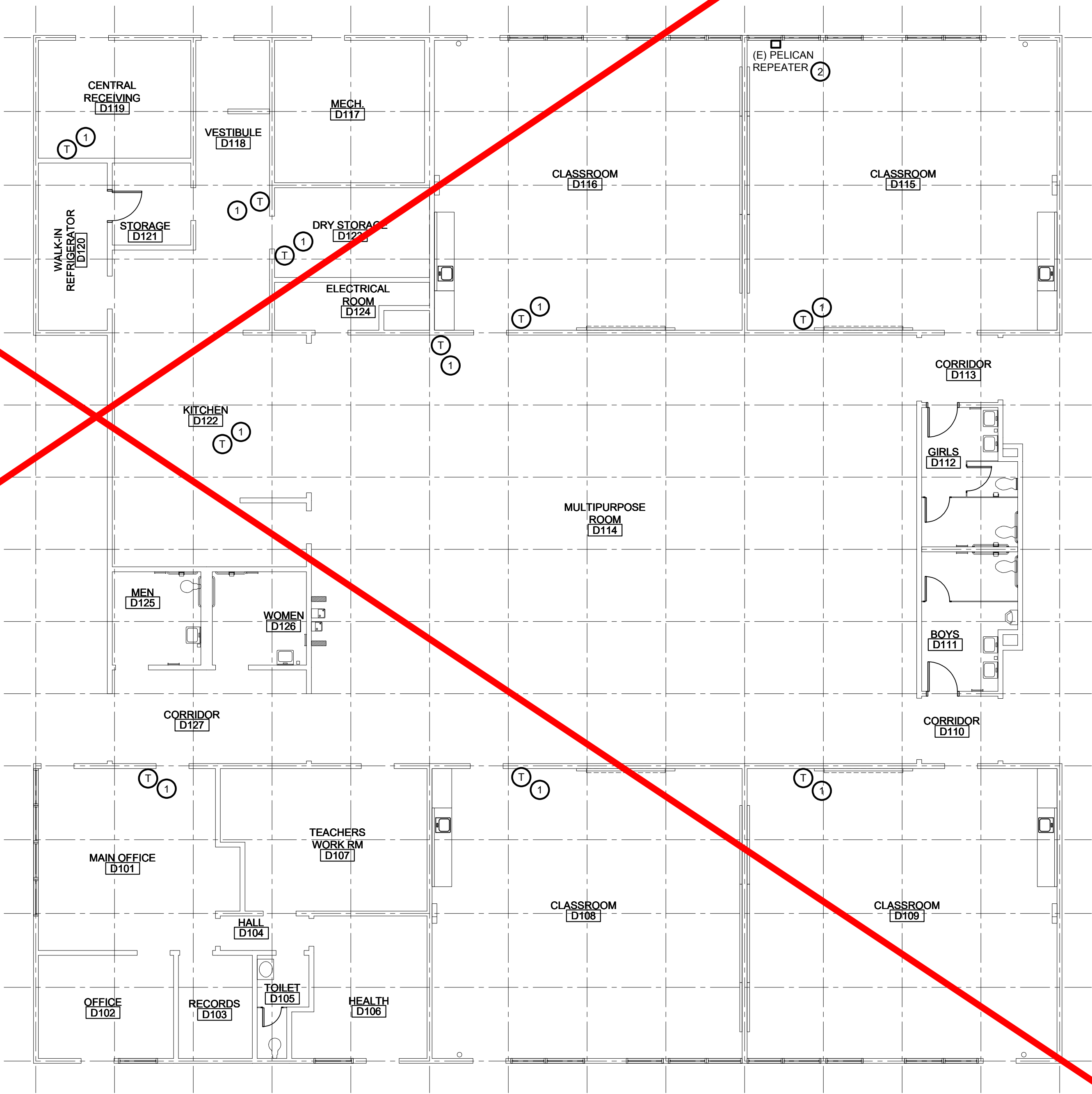
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engineering  
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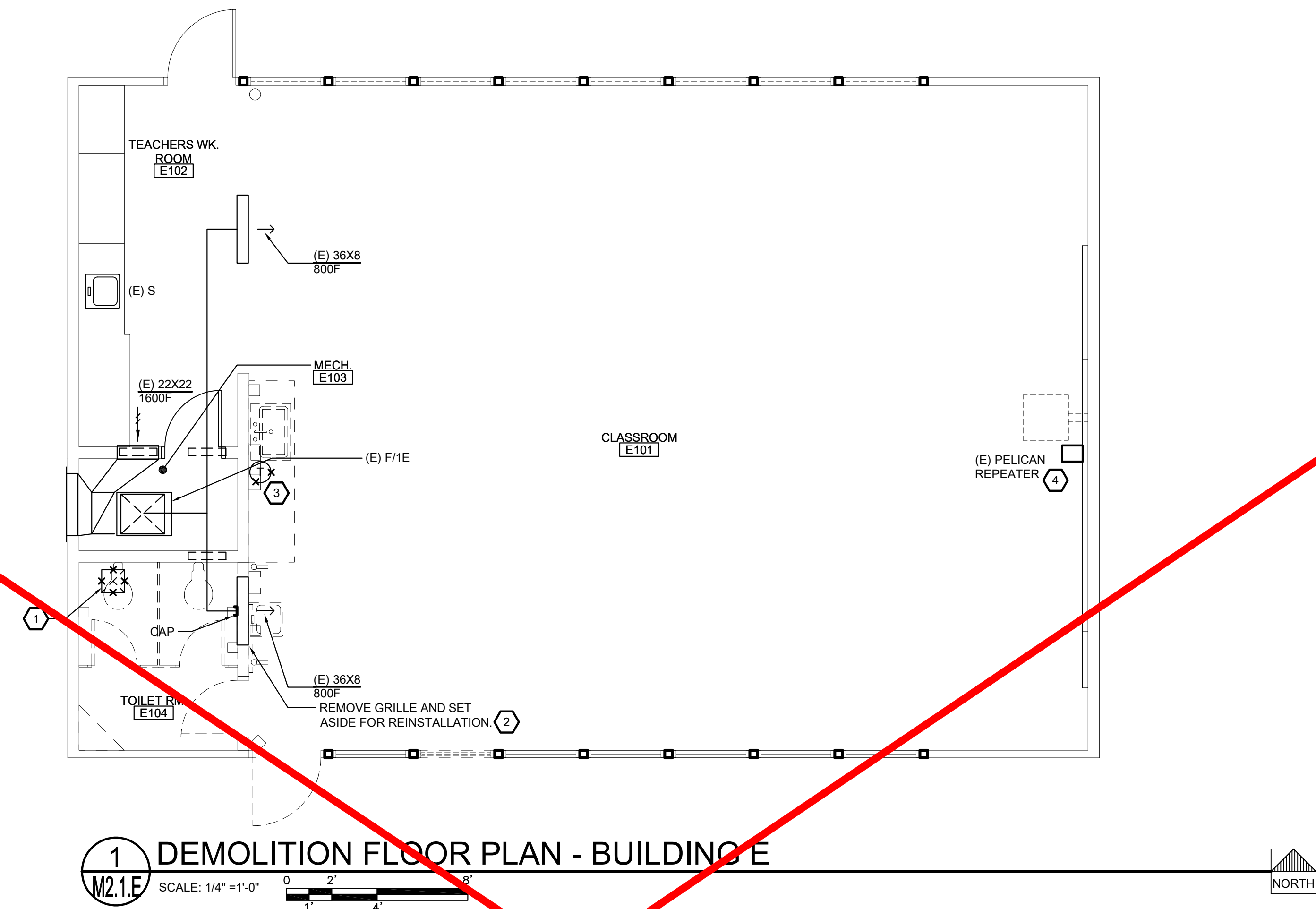
1 DEMOLITION FLOOR PLAN - BUILDING D  
SCALE: 1/8" = 1'-0"  
NORTH



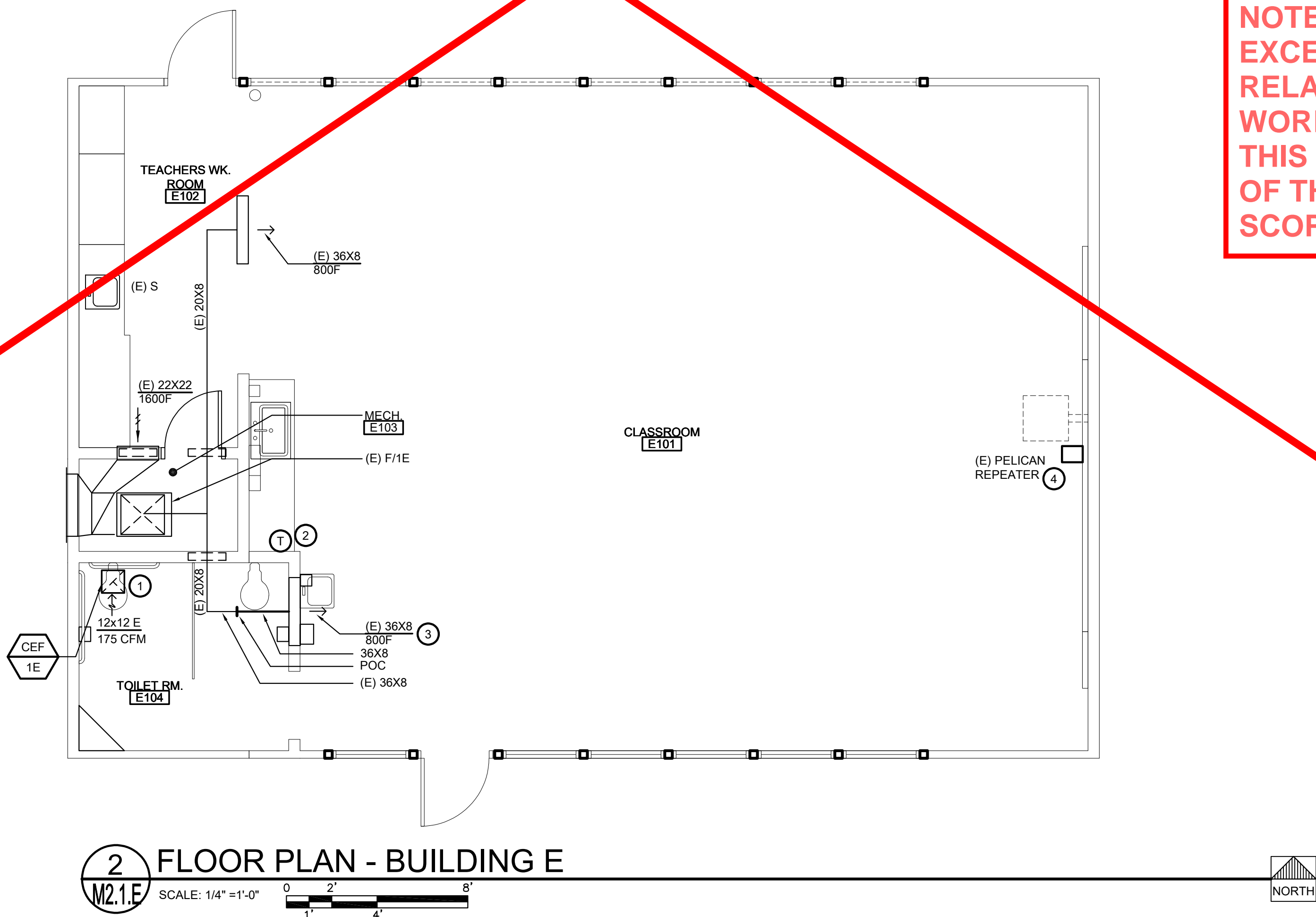
2 FLOOR PLAN - BUILDING D  
SCALE: 1/8" = 1'-0"  
NORTH



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- DEMOLITION SHEET NOTES:**
- 1 REMOVE EXHAUST FAN (EF) AND GRILLE. DISCONNECT DUCTWORK FROM EF. PREPARE FOR NEW CEILING MOUNTED EXHAUST FAN AND GRILLE. SEE 2/M2.1E.
  - 2 REMOVE GRILLE AND PREPARE FOR REINSTALLATION IN NEW WALL LOCATION.
  - 3 REMOVE THERMOSTAT AND SET ASIDE FOR INSTALLATION IN NEW LOCATION WITH TOP OF BOX IS AT 46" ABOVE FINISHED FLOOR. SEE NEW PLANS.
  - 4 (E) PELICAN REPEATER.



**NOTE:**  
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THE WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.

- SHEET NOTES:**
- 1 NEW CEF/1E, RECONNECT TO EXISTING DUCTWORK. FOR MOUNTING DETAIL SEE 6/M5.1.
  - 2 REINSTALL (E) PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
  - 3 RELOCATE (E) GRILLE INTO NEW WALL. EXTEND 36X8 DUCT TO (E) GRILLE IN NEW WALL LOCATION.
  - 4 (E) PELICAN REPEATER.

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

MECHANICAL -  
DEMOLITION & FLOOR  
PLANS - BUILDING E

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER  
THOMAS A. DWYER  
M 22836  
EXPIRES 9/30/24  
MECHANICAL  
STATE OF CALIFORNIA

DATE SIGNED: 12/20/2022

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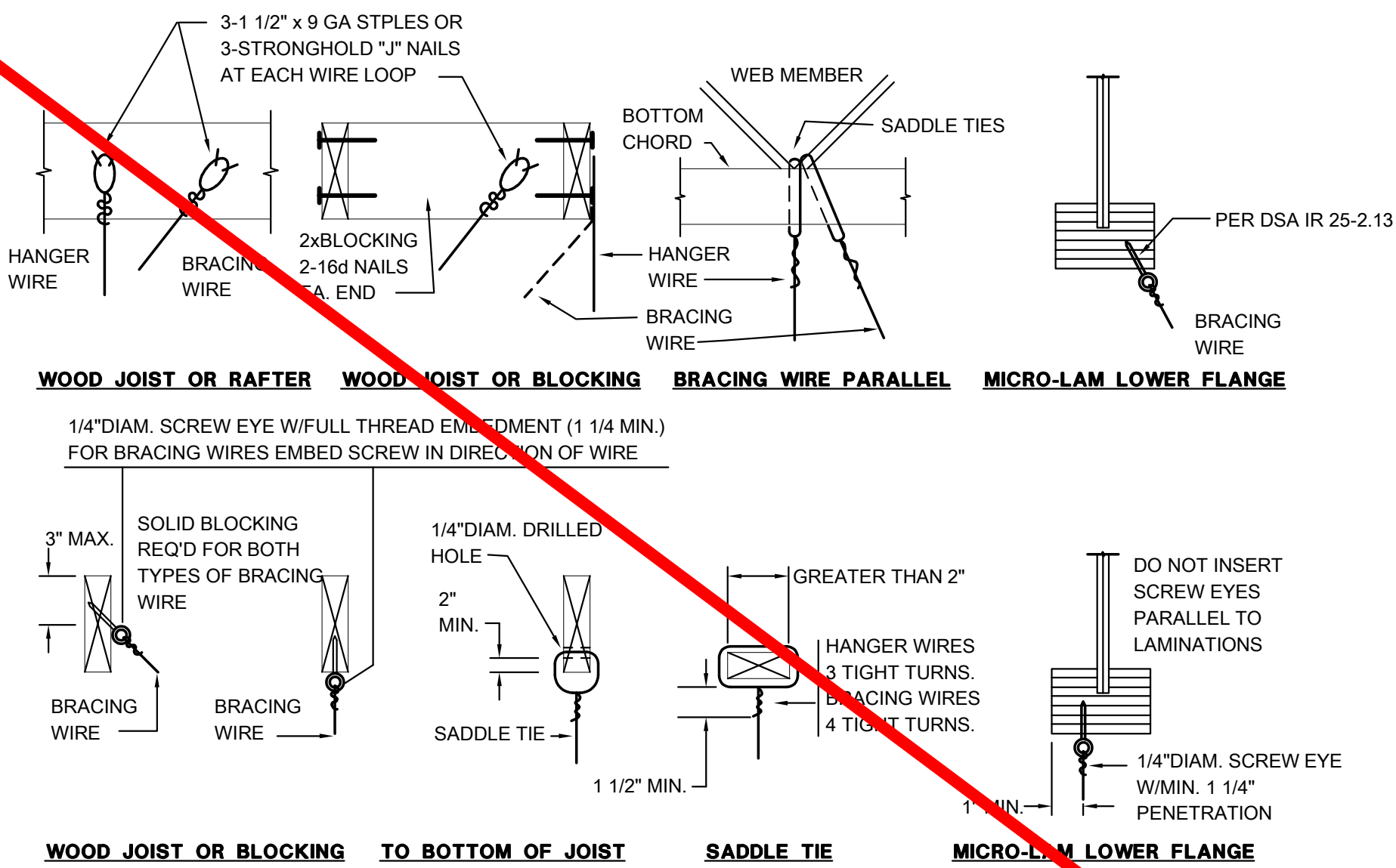


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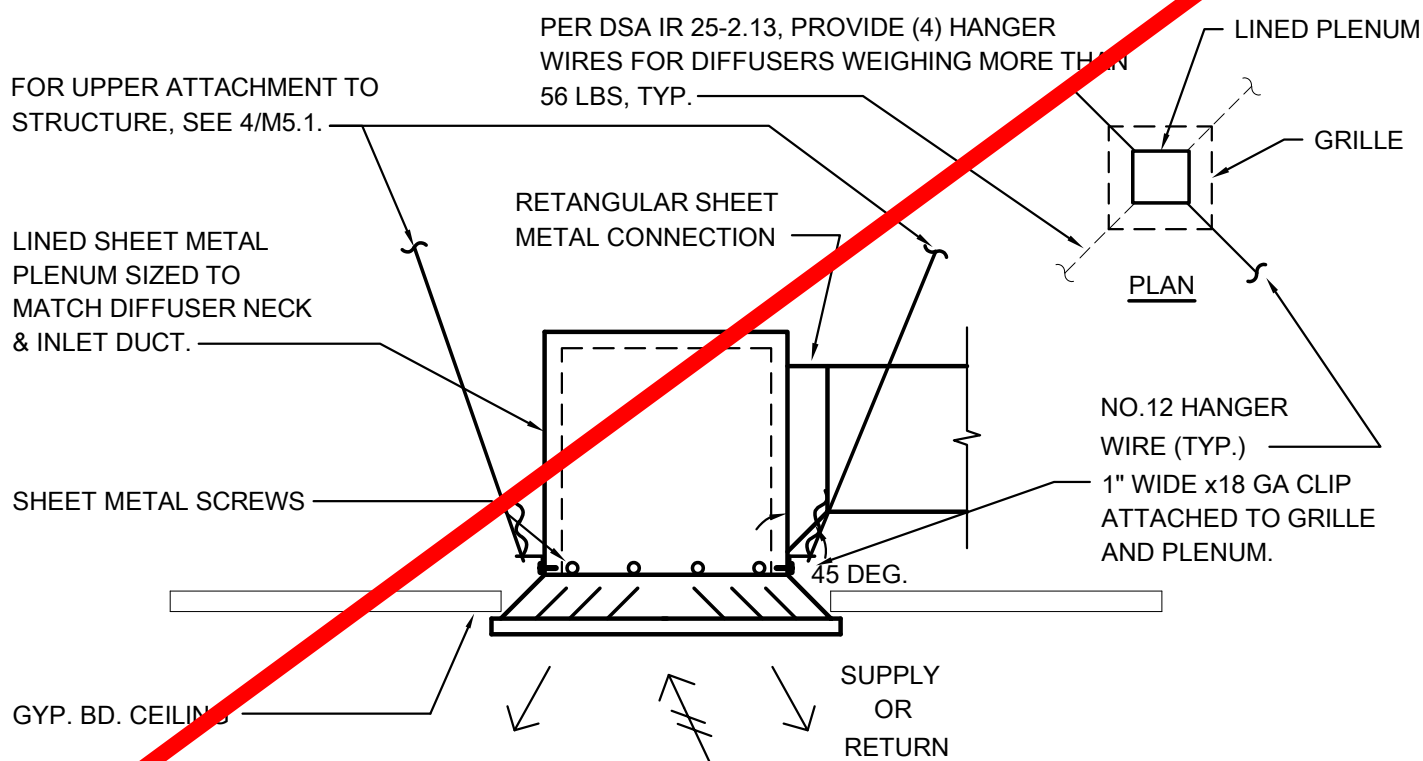


## WIRE SUPPORTS

SCALE : NONE

4

M5.1



## TYP. HARD

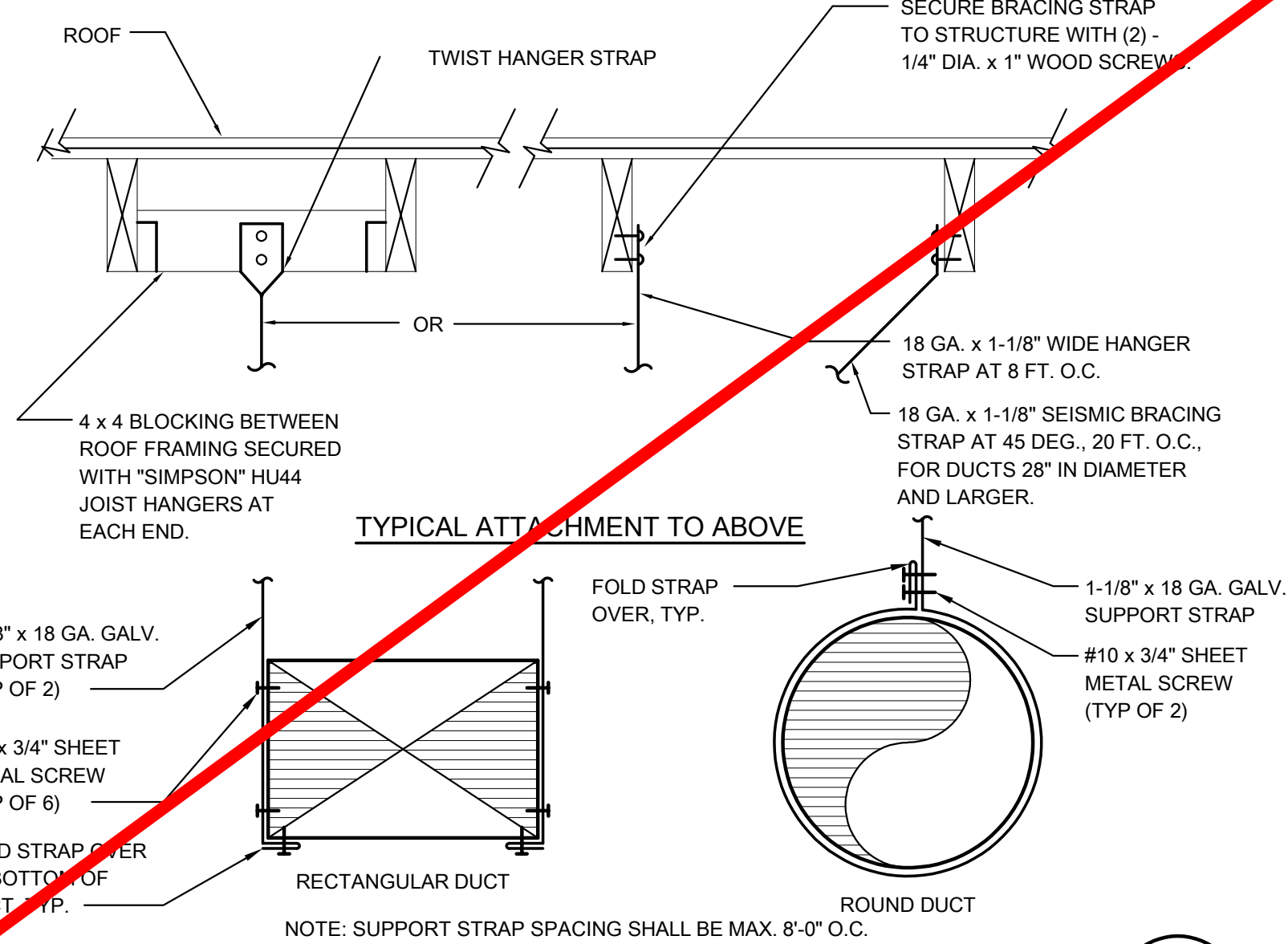
## LIP DIFFUSER/GRILLE MOUNTING

SCALE : NONE

5

M5.1

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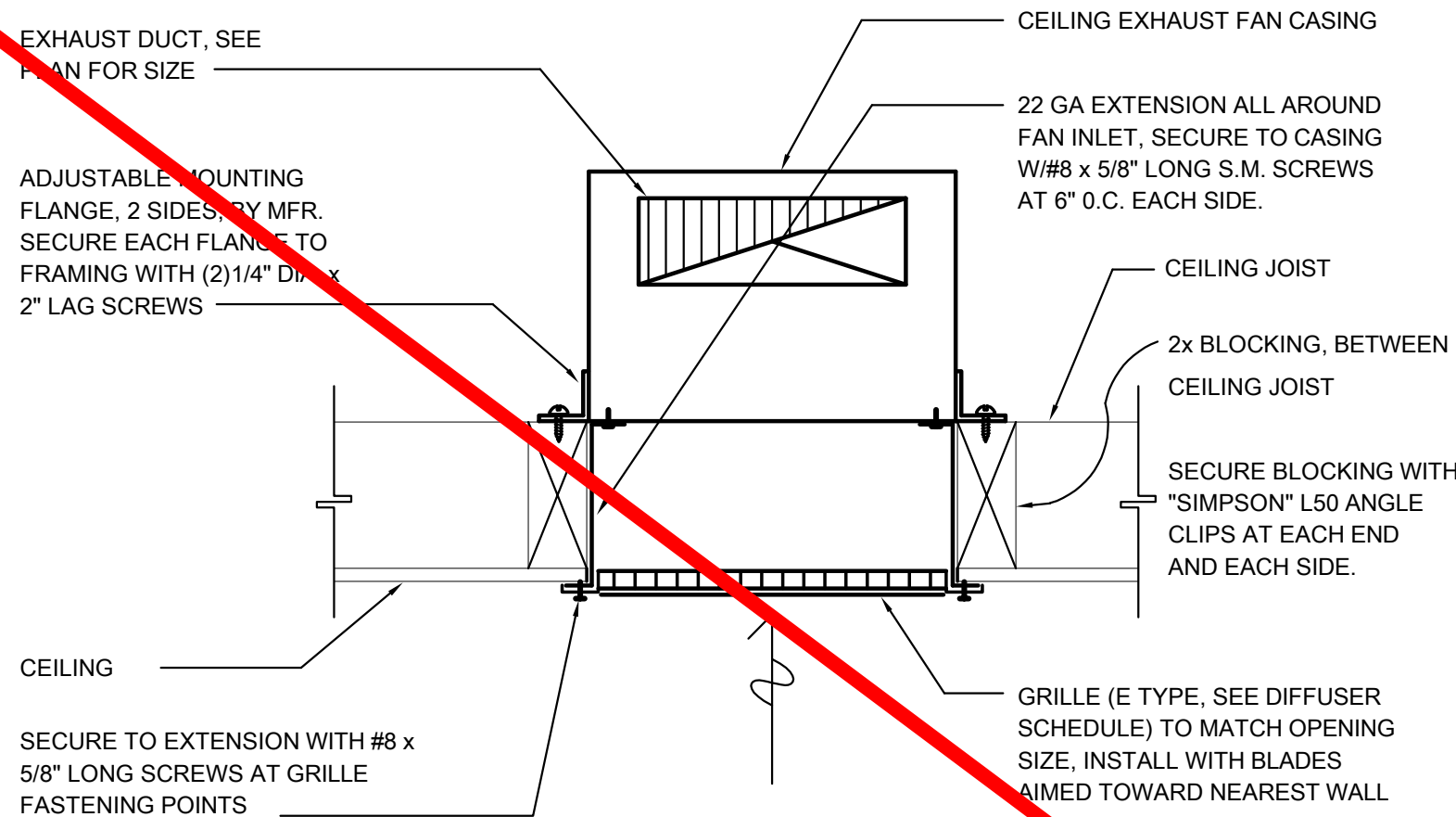


## TYPICAL CONCEALED DUCT SUPPORT

SCALE : NONE

1

M5.1

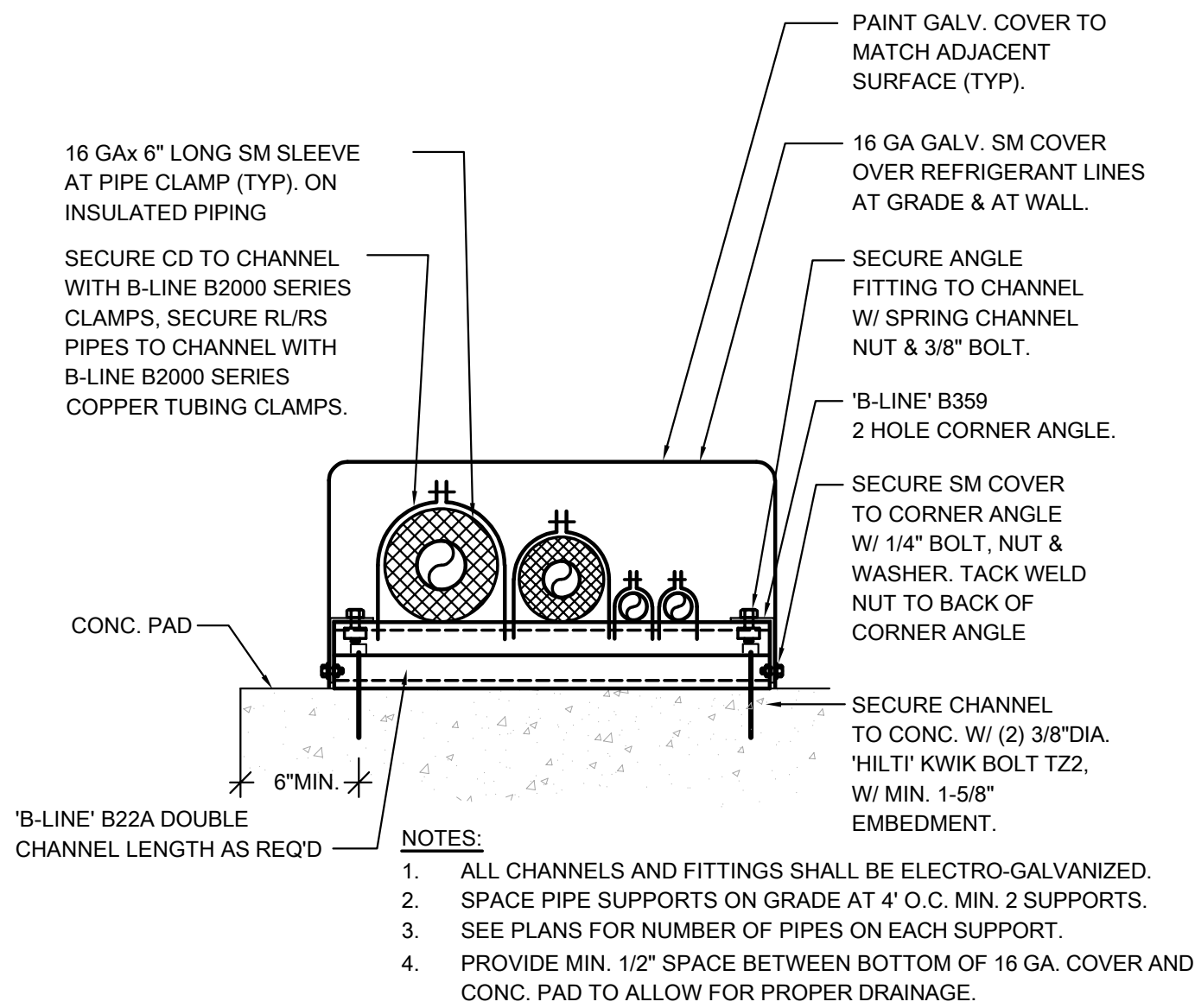


## CEILING EXHAUST FAN DETAIL

SCALE : NONE

2

M5.1



## PIPE AT GRADE

SCALE : NONE

3

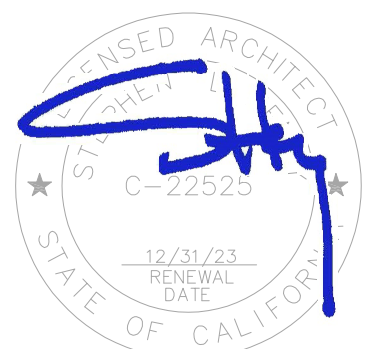
M5.1



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

MECHANICAL -  
DETAILS

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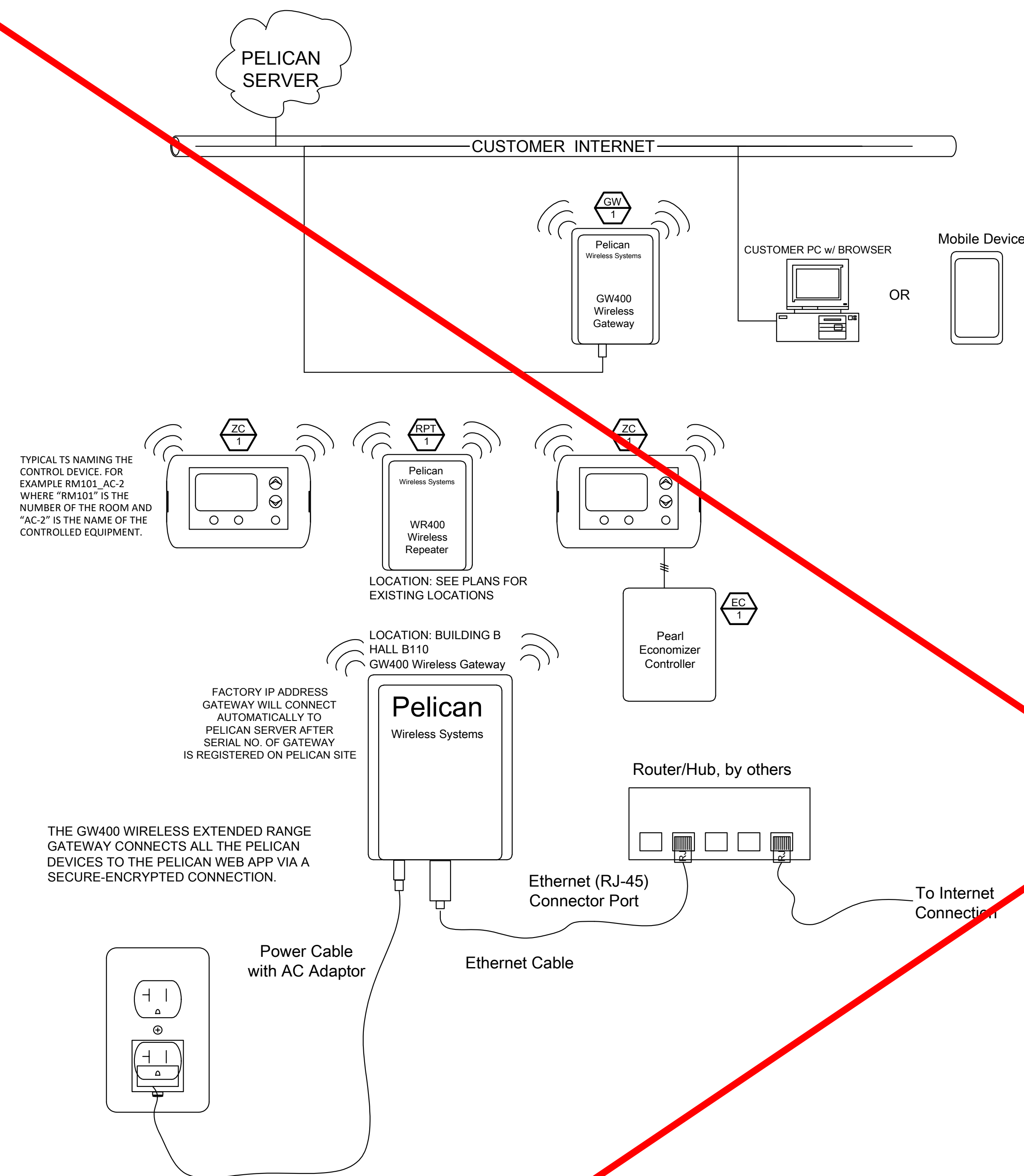
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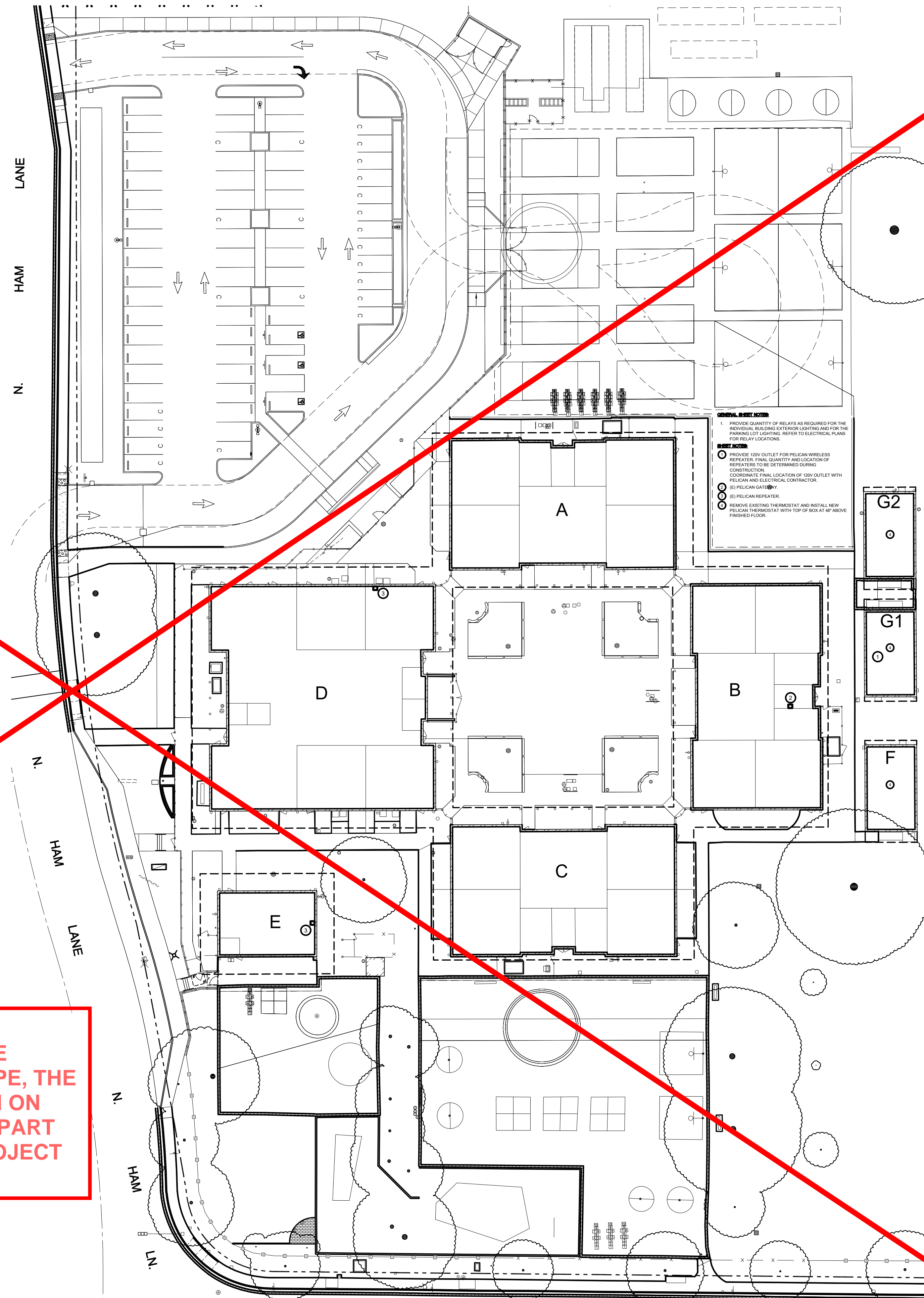
~~The Wireless Gateway is designed to be wall mounted using the included 3M Command Removable Strips.  
Find a suitable location which is:~~

- Within 10 feet of your Internet router
- Within 4 feet of an electrical outlet
- At least 4 feet away from other wireless devices
- Away from large metal objects which may interfere with the wireless signal
- Above office equipment which may interfere with the wireless signal

## EXISTING PELICAN WIRELESS LAN LAYOUT

**SCALE : NONE**

**1**  
**M6.1**



## PELICAN REPEATER 120V WIRING PLAN

**SCALE : NONE**

**2**  
**M6.1**

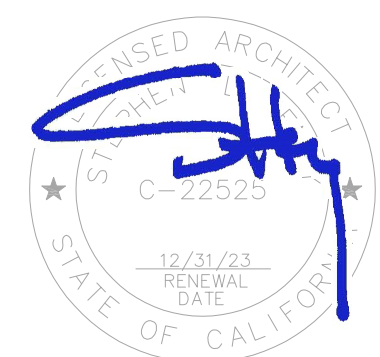


**RANCHO CORDOVA, CALIFORNIA**

<b>MM - RL</b>	<b>220210.00</b>
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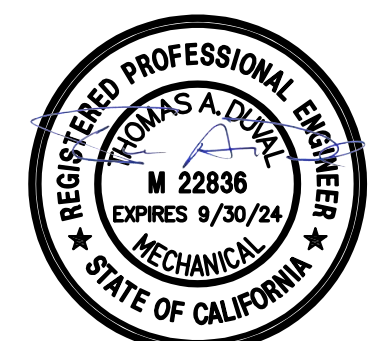
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# MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

## MECHANICAL - CONTROLS

CONSULTANT



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## M6.1



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## PLUMBING GENERAL NOTES

- SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND EXACT LOCATIONS OF PLUMBING FIXTURES.
- COORDINATE LOCATION OF PIPING WITH OTHER TRADES ON THIS PROJECT.
- CONCEAL ALL PIPING IN WALL FURRING, PARTITIONS, ETC., EXCEPT AT MECHANICAL ROOMS.
- SEAL ALL PIPE PENETRATIONS THRU FLOORS WATERTIGHT.
- ALL FLOOR MOUNTED FIXTURES, CLEAN OUTS & FLOOR DRAINS TO BE FLUSH MOUNTED WITH 2% MAX. SLOPE.
- DOMESTIC HOT WATER HEATERS SHALL BE SEISMICALLY SECURED TO BUILDING STRUCTURE WITH ADEQUATE STRUCTURAL SUPPORT WITH ANCHOR BOLTS.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL OF THE ENFORCING AGENCY.
- OFFSET VENTS THRU ROOF 10 FEET MINIMUM FROM AIR INTAKES AND 4 FEET FROM OUTSIDE WALLS.
- FIELD VERIFY EXACT SIZES, LOCATIONS AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER WORK, ETC., PRIOR TO TRENCHING OR INSTALLING OF ANY NEW WORK.

## MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

## PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.14, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. BRACING AND ATTACHMENTS ARE BASED ON PRE-APPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGING AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP □ MD □ PP □ E □ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP □ MD □ PP ▣ E □ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) 0043-13

## ELECTRIC WATER HEATER SCHEDULE

UNIT	LOCATION	"AO SMITH" MODEL NO.	STORAGE CAPACITY GALLONS	RECOVERY GALLONS @ 100' F RISE	MAX. TEMP. SETTING	TOTAL WATTAGE	KW	VOLTAGE	WEIGHT (FULL)	PIPING DETAIL	MOUNTING DETAIL	NOTES
EW1E	TEACHERS WK. ROOM E102	EJC-6	6	6 GPH	90°F	1650	1.65	120V/1Ø	85	1 P5.1	2 P5.1	1. SINGLE ELEMENT OPERATION 2. SIDE WATER CONNECTIONS.

## EXPANSION TANK SCHEDULE

UNIT	LOCATION	"AMTROL" MODEL NO.	TANK VOLUME GALLONS	MAX. ACCEPT. VOLUME	DETAIL	NOTES
ET1E	TEACHERS WK. ROOM E102	ST-5	2.0	0.45	2 P5.1	8"Ø x 12", 13 LBS. SUPPORT W/QUICK STRAP #QS-5

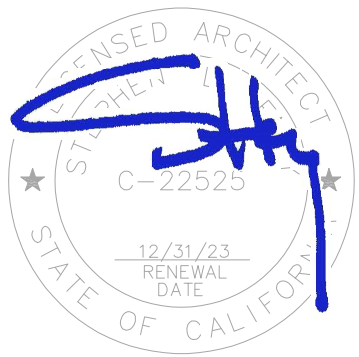
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## PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	AP/ AD	ACCESS PANEL WITH ACCESS DOOR
	ABC	ABOVE CEILING
	COP	CAP ON END OF PIPE
	CKV	CHECK VALVE
	CW	COLD WATER
	CWR	COLD WATER RISE
	CWD	COLD WATER DROP
	CD	CONDENSATE DRAIN LINE (INSIDE BLDG. TO BE INSULATED)
	CD	CONDENSATE DRAIN LINE (EXTERIOR NO INSULATION)
	CO	CLEANOUT
	CO	DEGREES FAHRENHEIT
	DIA.	DIAMETER, SQUARE (FEET)
	(D), (R)	DROP, RISE
	(E)	EXISTING TO BE REMOVED
	FU	FIXTURE UNIT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	FV, FT	FLUSH VALVE, FLUSH TANK
	(FA), (TA)	FROM ABOVE, TO ABOVE
	(FB), (TB)	FROM BELOW, TO BELOW
	G	GAS
	GSOV	GAS SHUT OFF VALVE
	GV	GATE VALVE
	GPM	GALLONS PER MINUTE
	GLV	GLOBE VALVE
	GPR	GAS PRESSURE REGULATOR
	CO	GRADE CLEANOUT
	HB	HOSE BIBB
	HW	HOT WATER PIPING
	HWR	HOT WATER PIPING RISE
	HWD	HOT WATER PIPING DROP
	HWRET	HOT WATER RETURN
	HWRET(R)	HOT WATER RETURN RISE
	HWRET(D)	HOT WATER RETURN DROP
	(N), (E)	NEW, EXISTING
	POC	POINT OF CONNECTION, NEW TO EXISTING
	P & TRV	PRESSURE & TEMPERATURE RELIEF VALVE PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RET	RETURN
	RE, IE	RIM ELEVATION, INVERT ELEVATION
	(R), (D)	RISE, DROP
		RISER DOWN (ELBOW)
		RISER UP (ELBOW)
		RISE OR DROP
	R, D	ROOF DRAIN
	RD	SOIL, WASTE OR SANITARY SEWER BELOW FLOOR
	S, W	TYPICAL
	TYP	UNDER FLOOR
	UF	VENT PIPING
	V	VENT, VENT RISER, VENT THRU ROOF
	V, VR, VTR	VALVE BOX
	VB	VALVE BOX

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING - LEGEND,  
SCHEDULE AND NOTES

CONSULTANT



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220210.00  
PROJECT NO.



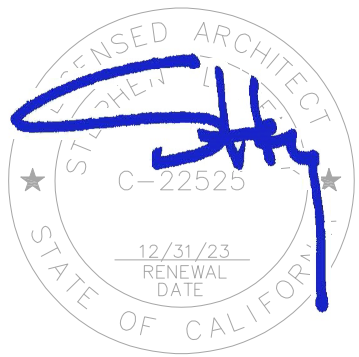
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PLUMBING FIXTURE SPECIFICATION & CONNECTION SCHEDULE													
ADA	SYMBOL	FIXTURE	FIXTURE MANUFACTURER AND MODEL No.	FAUCET OR VALVE MANUFACTURER AND MODEL No.	TRIM MANUFACTURER AND MODEL No.	REMARKS	VENT	WASTE		COLD WATER		HOT WATER	
								BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET
	WC-1	WATER CLOSET WALL MOUNTED FLUSH VALVE STD/ACCESSIBLE	"AMERICAN STANDARD" AFWALL NO. 3351.001, 1.28 GPF WALL HUNG, VITREOUS CHINA, ELONGATED, SIPHON JET ACTION, 1-1/2" TOP SPUD.	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "CHURCH" MODEL 295SSCT OR "BEMIS" MODEL 1955SSCT. PROVIDE WITH SELF- SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR. CARRIER: "J.R. SMITH" 100 OR 200 SERIES OR "ZURN" Z1203 AND Z1204 SERIES PROVIDE REAR SUPPORT LUG AND ANCHOR FOOT ASSEMBLY.	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	-	-
	WC-2	WATER CLOSET FLOOR MOUNTED FLUSH VALVE KINDERGARTEN	"KOHLER" PRIMARY 101 NO. K-96064-SS FLOOR MOUNTED, ELONGATED, SIPHON JET ACTION 1-1/2" TOP SPUD, 10-1/2" RIM HEIGHT. ANTIMICROBIAL	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "KOHLER" MODEL K-4686 . PROVIDE WITH SELF- SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR.	WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	-	-
	UR-1	URINAL WALL MOUNTED FLUSH VALVE ACCESSIBLE	"AMERICAN STANDARD" PINTBROOK NO. 6002.001, 0.125 GPF, WALL HUNG, VITREOUS CHINA, SIPHON JET ACTION. 3/4" TOP SPUD, 2" THREADED OUTLET.	"SLOAN" ROYAL 186-0.125DBP, 0.125 GPF (MANUAL) POLISHED CHROME	CARRIER: "J.R. SMITH" 637 SERIES OR "ZURN" Z1222	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS.	1 1/2"	2"	2"	1-1/2"	3/4"	-	-
	L-1	LAVATORY WALL MOUNTED COLD WATER ONLY STD/ACCESSIBLE	"AMERICAN STANDARD" LUCERNE NO. 0355.012, WALL HUNG, VITREOUS CHINA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FRONT OVERFLOW, CONCEALED ARM RECESS, 4" CENTERS, 20" x 18" D SHAPED BOWL.	"MOEN" 8884 NEWER VERSION, SINGLE HANDLE ADA METERING LAVATORY FAUCET, CHROME PLATED SOLID BRASS CONSTRUCTION, SINGLE HOLE MOUNT, 0.5GPM MAX, ADA COMPLIANT. PROVIDE WITH DECK PLATE	ADA COMPLIANT. LAVATORY GRID DRAIN WITH 1-1/4" OFFSET TAILPIECE, INTEGRAL PERFORATED GRID NO. 1723.018, CHROME FINISH. MOUNT P-TRAP FLUSH TO WALL. CARRIER: "J R SMITH" 100 OR ZURN Z1231	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE CONCEALED ARMS AND FLOOR SUPPORT, WITH FEET OF SUPPORT SECURELY ANCHORED TO FLOOR. IN ADDITION ANCHOR TOP OF SUPPORT TO WALL CONSTRUCTION.	1 1/2"	2"	1 1/2"	3/4"	1/2"	-	-
	S-1	SINK COUNTER MOUNTED COLD WATER ONLY W/BUBBLER	"ELKAY" MODEL DRKADQ3119-65-BP, 19" FRONT TO BACK, 31" WIDE x 6-1/2" DEPTH OVERALL, 18 GAUGE STAINLESS STEEL, SIDE LEDGES WITH SELF- RIM, PROVIDE REAR DRAIN LOCATION. VANDAL RESISTANT BACKING PLATE AT BUBBLER AND FAUCET FOR VANDAL RESISTANT PINS. BACKING PLATE SHALL BE 14 GAUGE SS FORMED AS A CHANNEL.	"CHICAGO" ECAST MODEL 350-E35ABCP(VWAVVP) GOOSENECK FAUCET, "HAWKS" 5054LF BUBBLER, VANDAL RESISTANT. PROVIDE VANDAL PROOF PIN (VPP) IN BUBBLER AND FAUCET, ARRANGE TO MATE WITH SLOT IN SINK. PROVIDE 1.5 GPM VANDAL RESISTANT LAMINAR FLOW AERATOR.	"ELKAY" MODEL ELAD18, OFFSET STRAINER DRAIN AND P-TRAP. INSTALL P-TRAP FLUSH TO WALL.	ARRANGE FINAL INSTALLATION OF SINK SUCH THAT THE BUBBLER WILL BE WITHIN 5" OF THE EDGE OF THE COUNTERTOP. INSTALL FAUCET IN CENTER OF SIDE SPLASH. PROVIDE SLOT FOR BUBBLER AT 15° ANGLE FROM FRONT OF THE SINK, AND INSTALL THE BUBBLER AT 15° ANGLE	1-1/2"	2"	1-1/2"	3/4"	1/2"	-	-
	FD	FLOOR DRAIN	GENERAL SERVICE FD - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "B" STRAINER FOR EXPOSED CONCRETE AND TYPE "S" STRAINER FOR TILE FLOOR. PROVIDE BRONZE TRIM. FD IN MECHANICAL SERVICE AREAS - ZURN MODEL Z-541, OR EQUAL, 12 INCH DIAMETER HEAVY DUTY DRAIN. FD IN AT INDIRECT DRAIN LOCATIONS - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "T" STRAINER, RECESS RIM FLUSH WITH FLOOR. OTHER APPROVED EQUAL MANUFACTURERS INCLUDE: JAY R. SMITH, WATTS & MIFAB.				2"	2"	2"	-	-	-	-
	TP	TRAP PRIMER	MIFAB "1500" SERIES, REQUIRES 3PSI DROP TO ACTIVATE.			PROVIDE ACCESS PANEL	-	-	-	1/2"	1/2"	-	-
	HB	HOSE BIBB	INTERIOR WALL MOUNTED - ACORN MODEL 8121CP-LF WOODFORD MODEL 24PC, OR EQUAL.	WITH INTEGRAL VACUUM BREAKER PROTECTED, CARTRIDGE OPERATED HOSE VALVE WITH LOCK SHIELD BONNET AND REMOVABLE KEY HANDLE.		SET HEIGHT AT 18" ABOVE FINISHED FLOOR	-	-	-	1"	3/4"	-	-
	WHA	WATER HAMMER ARRESTOR	SEE SPECIFICATIONS										
	DF-1	DRINKING FOUNTAIN PEDESTAL CHILD ADA/ STANDARD DUAL HEIGHT	"HAWKS" 3150 CHILD ADA DUAL HEIGHT PEDESTAL DRINKING FOUNTAIN	INTEGRAL	WITH P-TRAP DRAIN TO DRYWELL	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CHILD ADA HIGH/ LOW DRINKING FOUNTAIN	-	-	-	3/4"	1/2"	-	-
<b>GENERAL NOTES:</b> 1. WATER SUPPLIES AND STOPS: A. PROVIDE 85 PERCENT IPS RED BRASS PIPE, SECURELY ANCHORED TO BUILDING CONSTRUCTION, FOR EACH CONNECTION TO FAUCETS, STOPS, HOSE BIBBS, ETC. EACH FIXTURE, EXCEPT HOSE BIBBS, SHALL HAVE A STOP VALVE INSTALLED ON WATER SUPPLY LINES TO PERMIT REPAIRS WITHOUT SHUTTING OFF WATER MAINS. B. PROVIDE ALL WATER SUPPLIES TO FIXTURES WITH COMPRESSION SHUT-OFF STOPS WITH IPS INLETS WITH THREADED BRASS NIPPLES AT PIPE CONNECTION AND LOCK SHIELD LOOSE KEY. PROVIDE COMBINATION FIXTURES WITH COMPRESSION STOP AND IPS INLET ON EACH WATER SUPPLY FITTING. PROVIDE LOOSE KEY HANDLE FOR EACH STOP. C. PROVIDE 1/2 INCH RISER TUBES WITH REDUCING COUPLING FOR ALL FIXTURES, UNLESS OTHERWISE NOTED. REFER TO SPECIFICATION SECTION 22 40 00.  2. PIPE, PLUMBING FITTINGS, FIXTURES, SOLDER AND FLUX SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCTS LISTED AND LABELED AS COMPLYING WITH NSF 61, ANNEX G, OR PROVIDE OTHER EVIDENCE OF COMPLIANCE WITH THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCT SUBMITTAL INFORMATION PROVING COMPLIANCE WITH LEAD FREE REQUIREMENTS. ALSO SEE GENERAL NOTES ON SHEET P0.1 AND SPECIFICATION SECTIONS, 22 00 50, 22 10 00 AND 22 40 00.													

NOTE:  
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APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING  
FIXTURE SCHEDULE

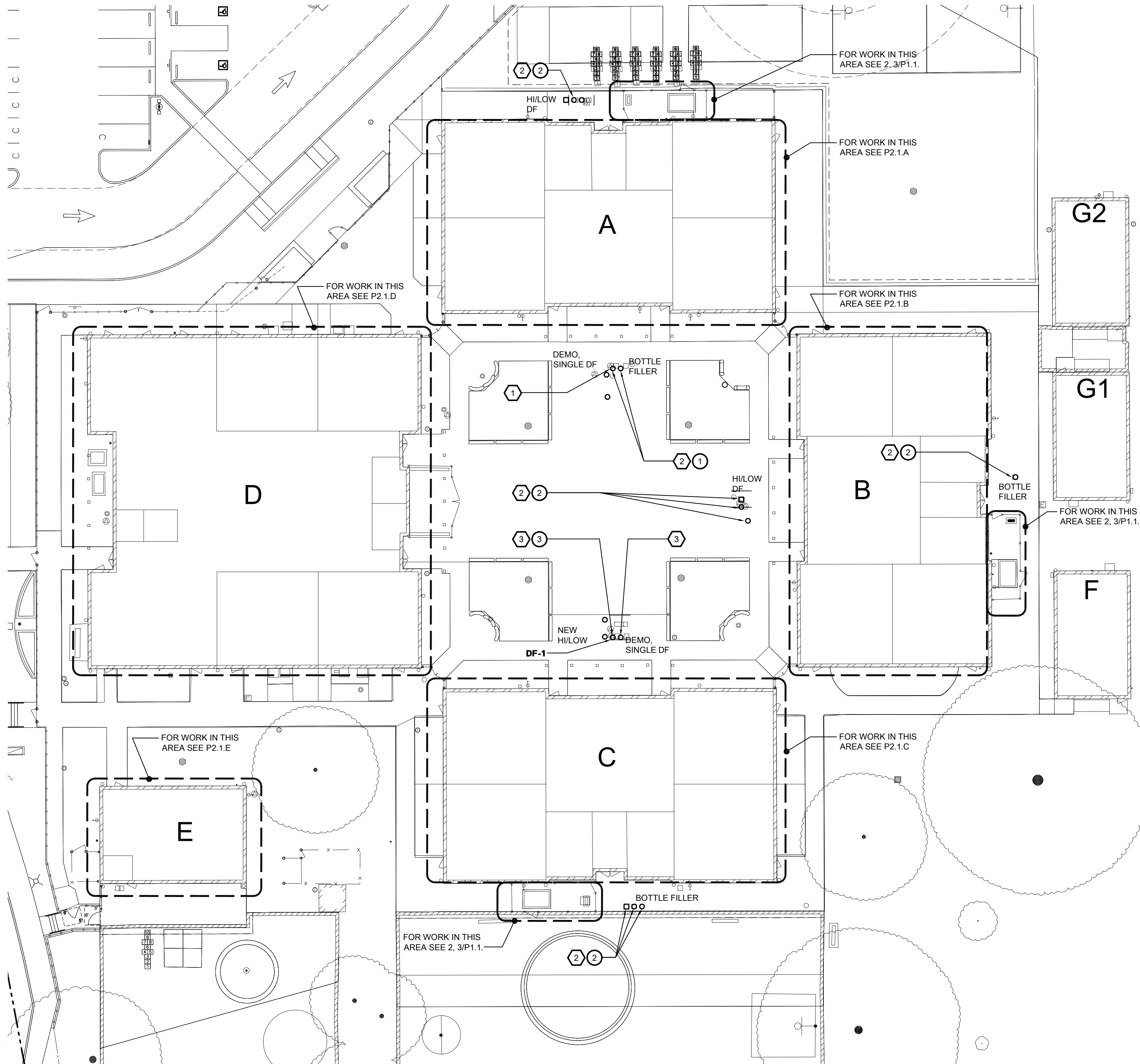


PROJECT NO. 21-32-052	REVISIONS	BY
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SCALE AS SHOWN		
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UPDATED 11/17/2022		
SHEET NO.		

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1 PLUMBING SITE PLAN  
P1.1 SCALE: 1" = 20'-0"



GENERAL SHEET NOTES:

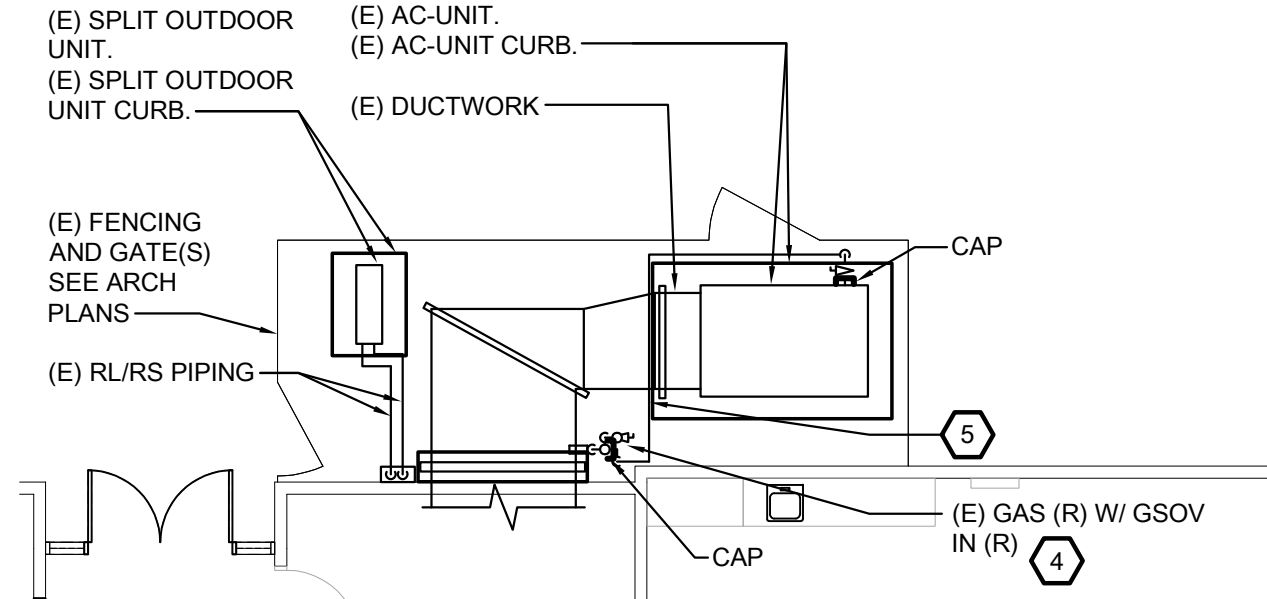
1. REMOVE AND REPLACE WITH NEW ALL THE SOV IN THE EXISTING VALVE BOX(S) SERVING THE DRINKING FOUNTAIN(S).
2. PROVIDE FULL SIZE GSOV AND UNION ON ALL PIPING AT AC-UNIT(S).

DEMOLITION SHEET NOTES:

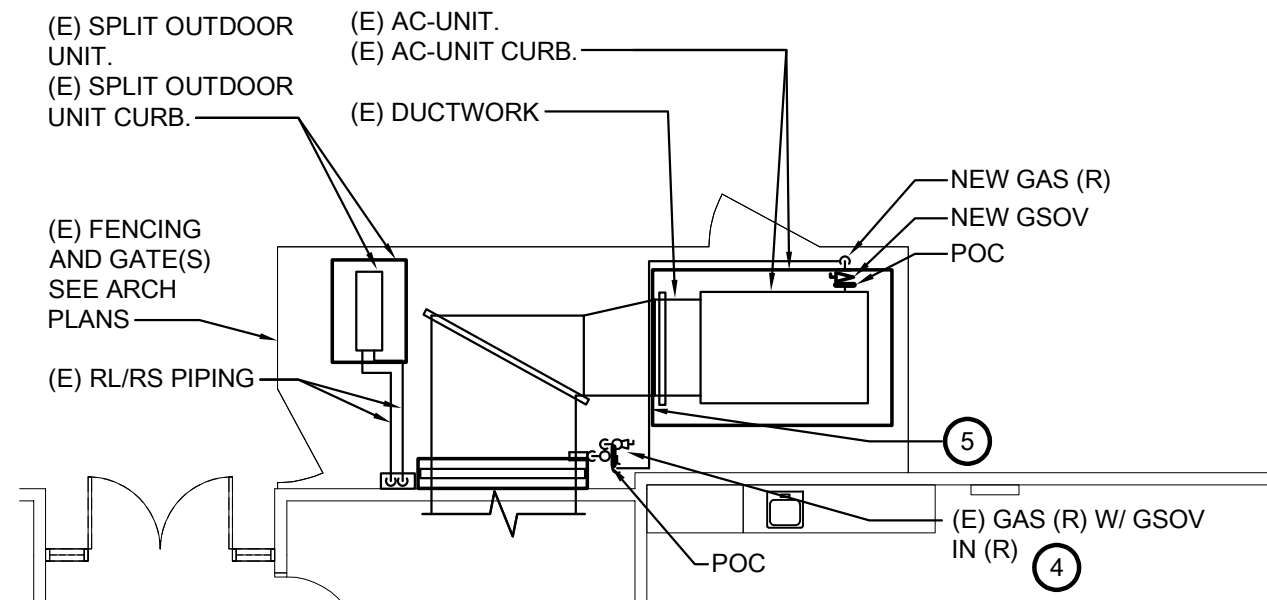
1. REMOVE DF, DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
2. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN (DF) OR BOTTLE FILLER (BF). REMOVE AND PROTECT OPENING FOR SHUT OFF VALVE (SOV) IN VALVE BOX (VB). PREPARE FOR EXTENSION TO NEW HEIGHT OF NEW CONCRETE. REMOVE AND STORE (E) DRINKING FOUNTAIN IN PROTECTED LOCATION. PROTECT WATER AND WASTE LINES AND PREPARE FOR RECONNECTION.
3. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
4. (E) GAS RISER FROM BELOW GRADE. DISCONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR AND PREPARE FOR RECONNECTION.
5. REMOVE AND SET ASIDE GAS PIPING TO THE EQUIPMENT YARD BETWEEN THE TWO CAPS NOTED ON THE PLAN. PROTECT PIPING AND COVER OPEN ENDS OF PIPING PER SPECIFICATIONS. LABEL WHICH BUILDING GAS PIPING BELONGS. REMOVE GAS PIPE SUPPORTS.

SHEET NOTES:

1. REINSTALL (E) BOTTLE FILLER WITH NEW BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S). EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
2. REINSTALL (E) DF/ BOTTLE FILLER WITH NEW DF/ BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S). EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
3. NEW HI/LOW DF WITH NEW DF MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. CONNECT AND EXTEND (E) WASTE AND (E) WATER SYSTEMS TO NEW FIXTURE. FOR DETAIL SEE 3/P5.1.
4. (E) GAS RISER FROM BELOW GRADE. RECONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR. PROVIDE (N) GSOV AND UNION. ADJUST PIPING LENGTHS SO THAT THE DIRT LEG AND PIPING HAS A MINIMUM CLEARANCE ABOVE THE NEW FINISHED CONCRETE OF 1.5' CLEAR.
5. REINSTALL GAS PIPING BETWEEN POC'S NOTED ON THE PLANS BETWEEN THE RISER AND TO THE AC-UNIT. PROVIDE NEW GAS PIPE SUPPORTS PER 4/P5.1. REPLACE (E) GSOV AT UNIT WITH NEW GSOV AND UNION. REPLACE (E) GAS FLEX CONNECTION (FC) WITH NEW GAS FC. PROVIDE GAS DIRT LEG AT CONNECTION TO UNIT. PROVIDE CONDENSATE (CD) PIPING AND FULL SIZE CD LINES AND SPILL TO EXISTING LOCATION.



2 PLUMBING TEMPORARY REMOVAL ENLARGED BUILDING A YARD PLAN  
P1.1 SCALE: 1/8" = 1'-0" (SIMILAR FOR BUILDING B AND C)

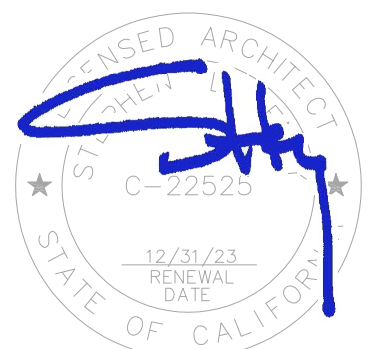


3 PLUMBING ENLARGED BUILDING A YARD PLAN  
P1.1 SCALE: 1/8" = 1'-0" (SIMILAR FOR BUILDING B AND C)



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APP: 02-120455 INC:  
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SS ☒ FLS ☒ ACS ☒  
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730 Howe Avenue, Suite 450  
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Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
PLUMBING -  
OVERALL DEMOLITION  
AND NEW SITE

CONSULTANT



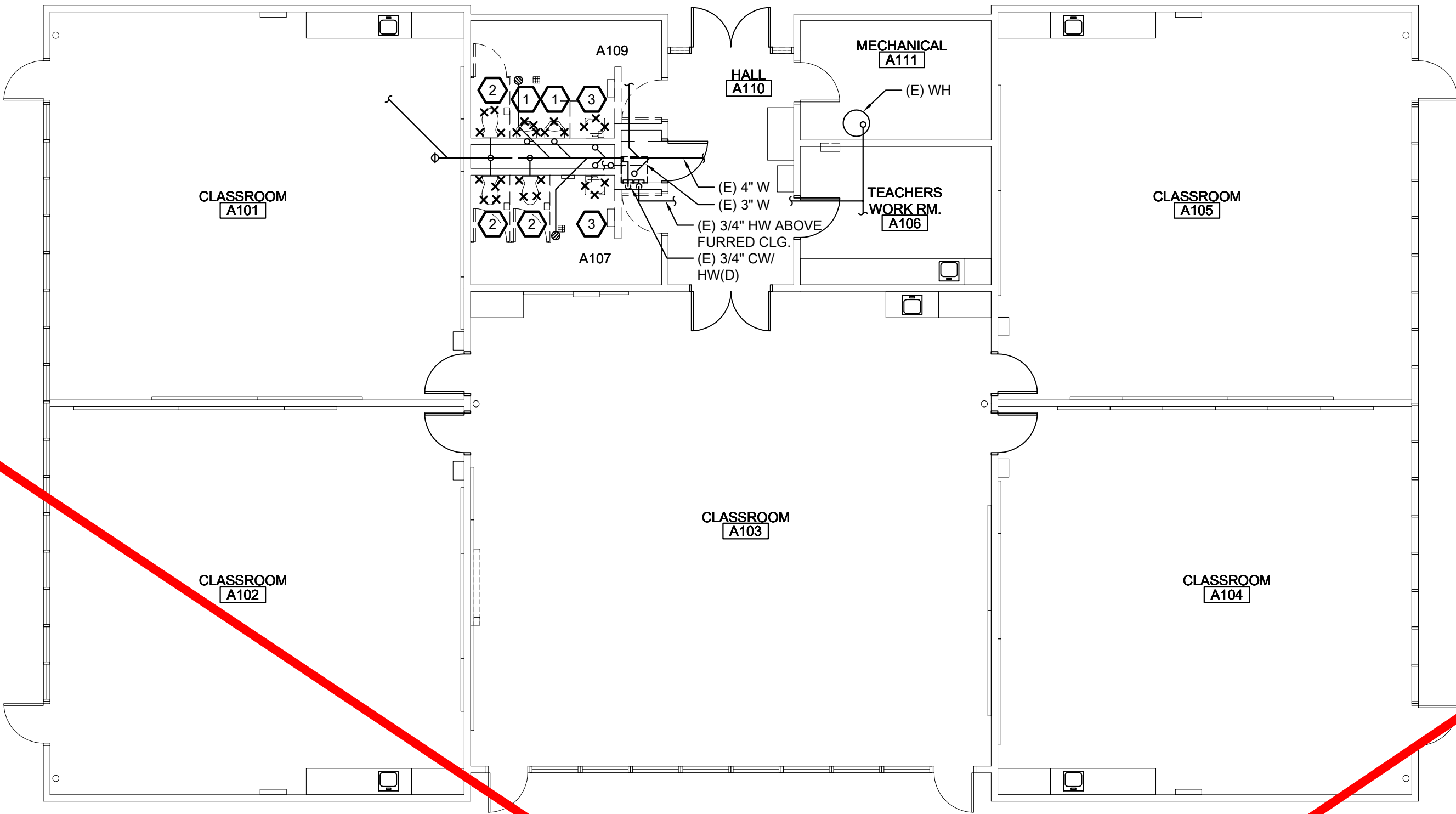
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21-32-052		
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3/28/2022		
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UPDATED		
11/17/2022		
SHEET NO.		

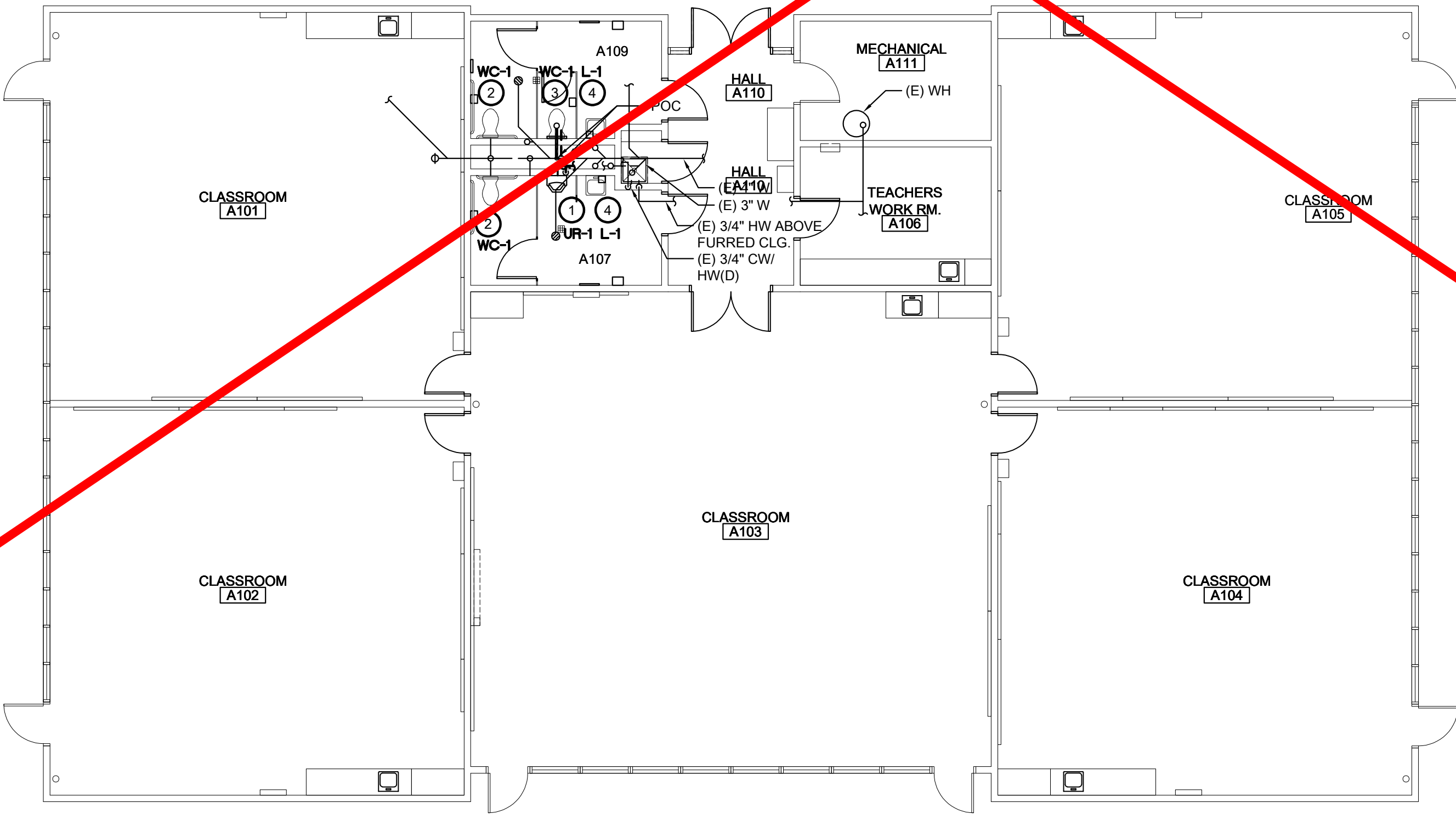
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1 DEMOLITION FLOOR PLAN - BUILDING A  
SCALE: 1/8" = 1'-0"  
0 4' 8' 16'  
NORTH



2 FLOOR PLAN - BUILDING A  
SCALE: 1/8" = 1'-0"  
0 4' 8' 16'  
NORTH

- DEMOLITION SHEET NOTES:**
1. REMOVE URINALS AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL.
  2. REMOVE WATER CLOSET, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY. PREPARE PIPING FOR RECONNECTION.
  3. REMOVE LAVATORY, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL. PREPARE PIPING FOR RECONNECTION.

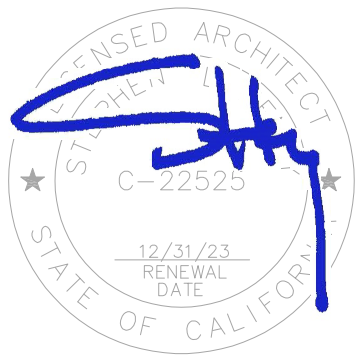
- GENERAL SHEET NOTES:**
1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.
  2. ROUTE FULL SIZE VENT AND TIE INTO VR WITHIN WALL BELOW ROOF DECK.

- SHEET NOTES:**
1. NEW URINAL TO BE CONNECTED TO EXISTING PIPING ADJUSTED/ EXTEND WASTE, VENT, CW PIPING TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
  2. NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
  3. NEW WATER CLOSET (WC) TO BE CONNECTED TO EXISTING PIPING. BRING WATER, WASTE AND VENT PIPE W/ SIZES NOTED IN FIXTURE SCHEDULE. ROUTE ALL PIPING BEHIND ARCHITECTURAL SURFACES TO THE NEW WC.
  4. NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.

**NOTE:**  
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WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
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APP: 02-20455 INC.:  
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FLS ☒ ACS ☒  
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730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
  
PLUMBING -  
DEMOLITION & FLOOR  
PLANS - BUILDING A



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P2.1.A

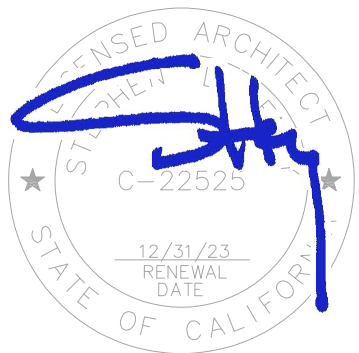


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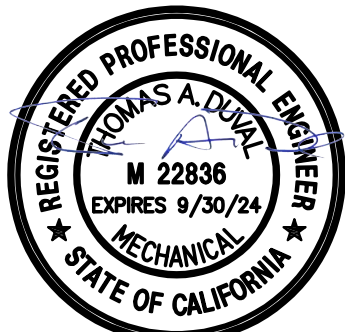
7330 Howe Avenue, Suite 450  
Sacramento, CA 95825  
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Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING -  
DEMOLITION & FLOOR  
PLANS - BUILDING B

CONSULTANT



DATE SIGNED: 12/20/2022

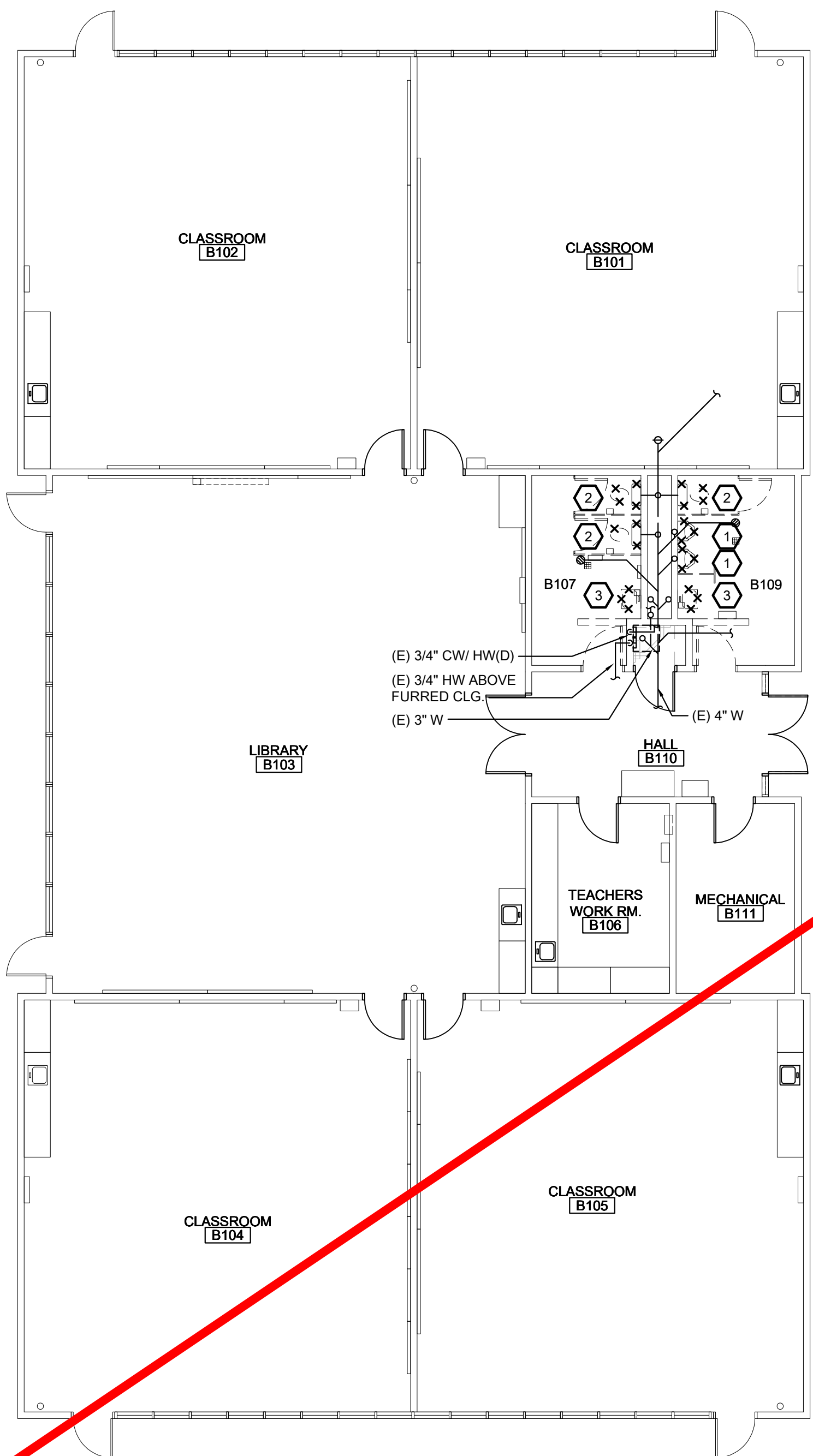
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P2.1.B



**RANCHO CORDOVA, CALIFORNIA**

<b>MM - RL</b>	<b>220210.00</b>
<b>PM - DESIGN TEAM</b>	<b>PROJECT NO.</b>

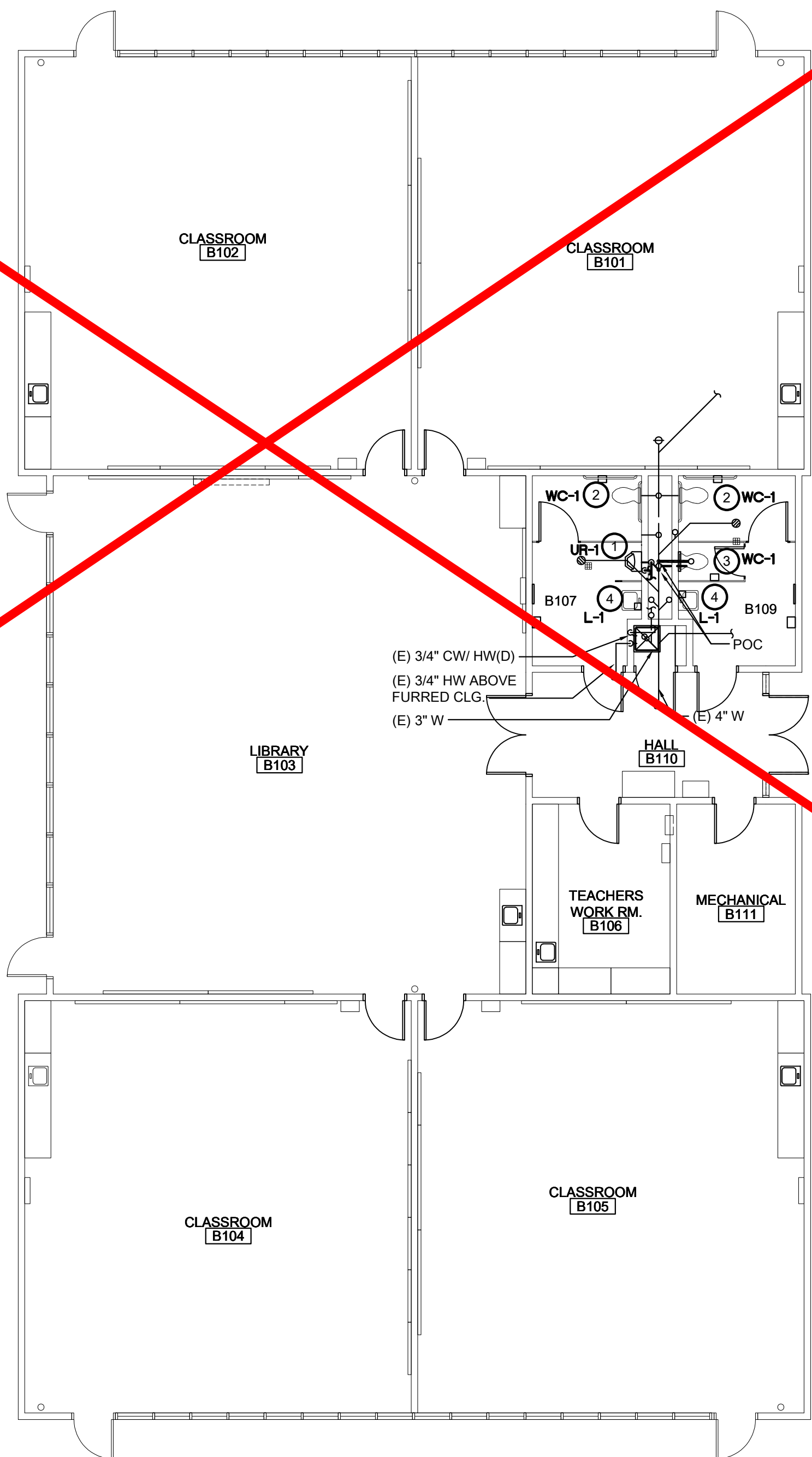


**1 DEMOLITION FLOOR PLAN - BUILDING B**

**P2.1.B** SCALE: 1/8" = 1'-0"

0 4' 16'

2' 8'



**2 FLOOR PLAN - BUILDING B**

SCALE: 1/8" = 1'-0"

0 4' 16'

2' 8'

NORTH

**DEMOLITION SHEET NOTES:**

- 1 REMOVE URINALS AND CONNECTED WASTE. VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL.
- 2 REMOVE WATER CLOSET, WALL CARRIER AND CONNECTED WASTE. VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY.
- 3 REMOVE LAVATORY, WALL CARRIER AND CONNECTED WASTE. VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL. PREPARE PIPING FOR RECONNECTION.

**GENERAL SHEET NOTES:**

1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.
2. ROUTE FULL SIZE VENT AND TIE INTO VR WITHIN WALL BELOW ROOF DECK.

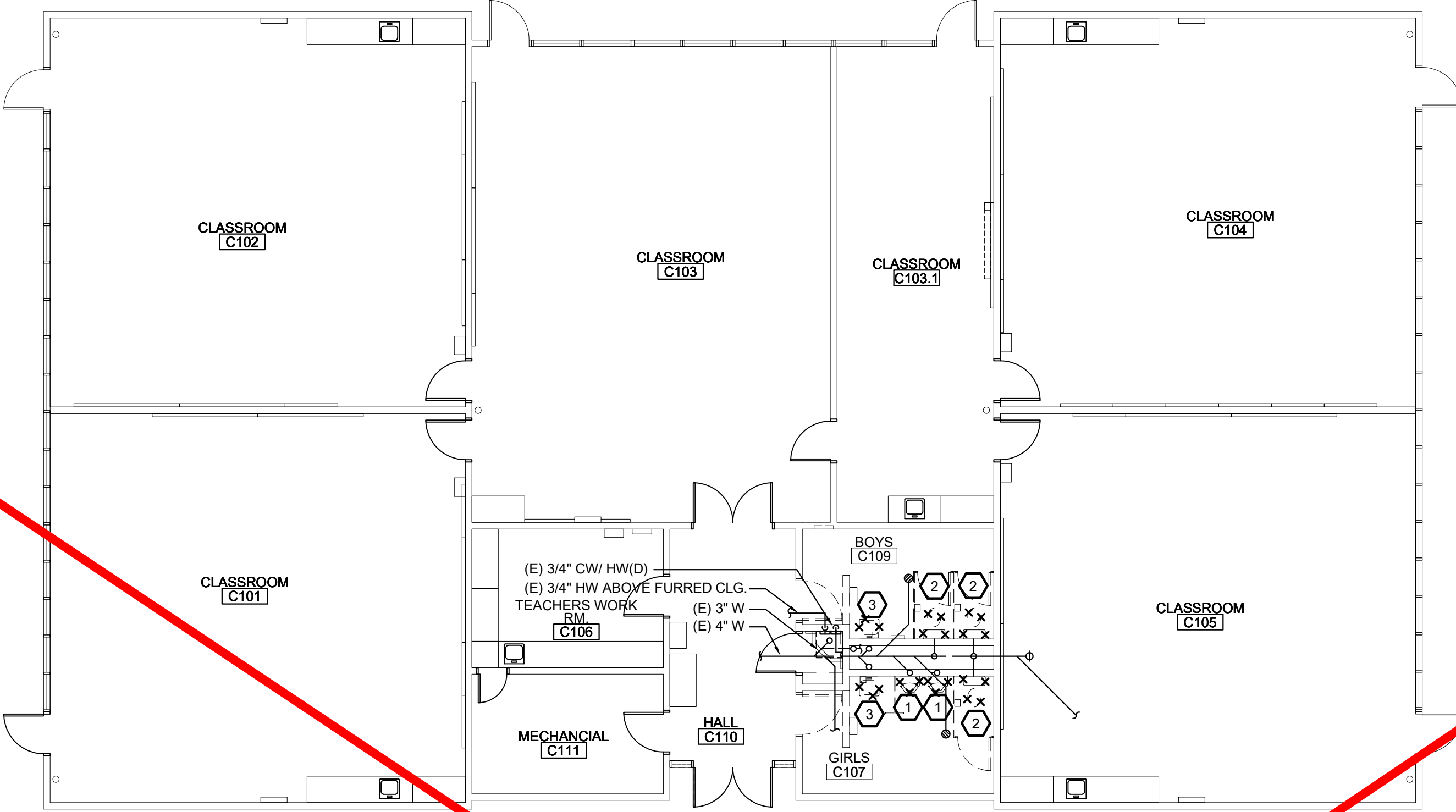
**SHEET NOTES:**

- ① NEW URINAL TO BE CONNECTED TO EXISTING PIPING. ADJUST/ EXTEND PIPING TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
- ② NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING. ADJUST TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
- ③ NEW WATER CLOSET (WC) TO BE CONNECTED TO EXISTING PIPING. BRING WATER, WASTE AND VENT PIPE W/ SIZES NOTED IN FIXTURE SCHEDULE. ROUTE ALL PIPING BEHIND ARCHITECTURAL SURFACES TO THE NEW WC.
- ④ NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.

**NOTE:  
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WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
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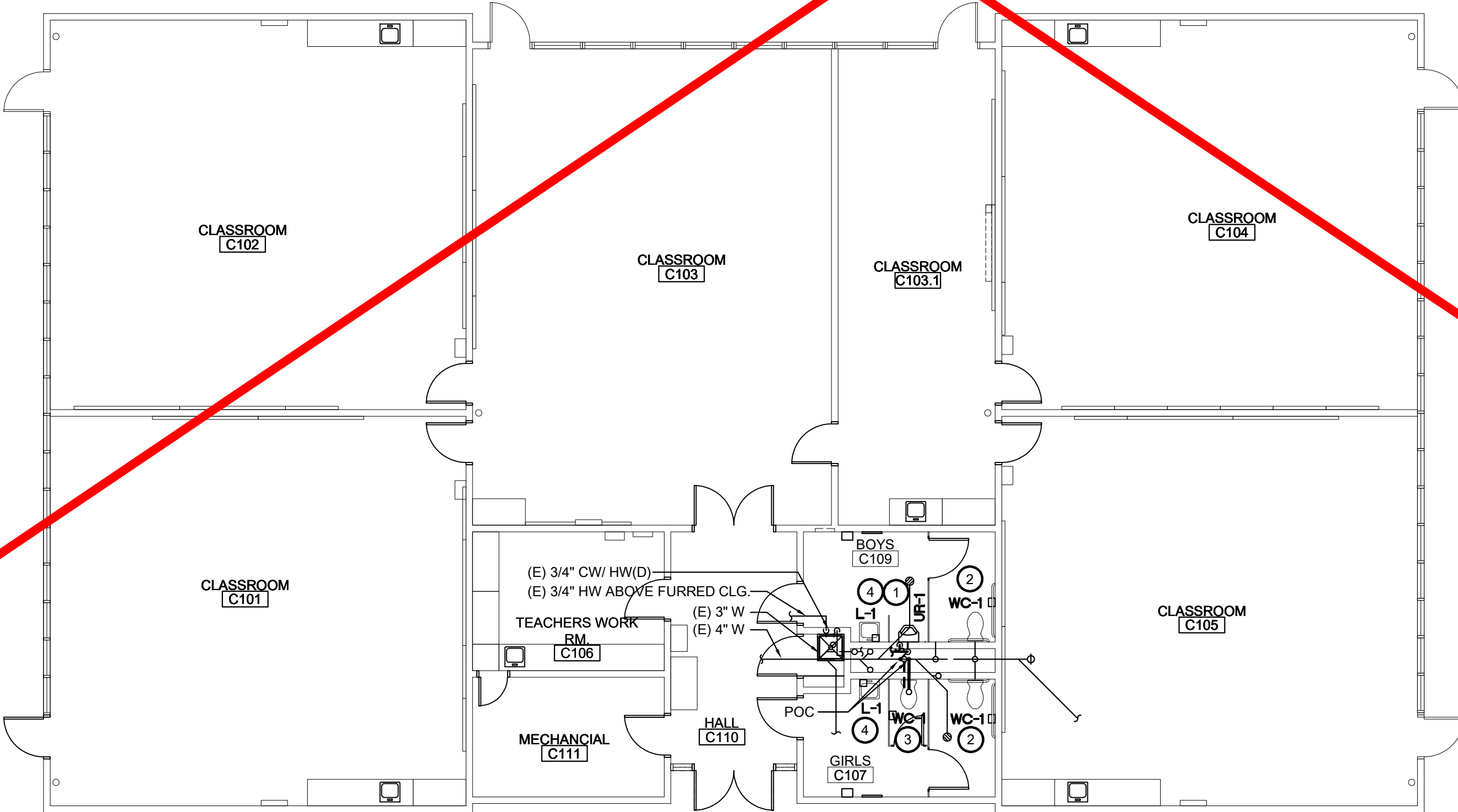



**1** DEMOLITION FLOOR PLAN - BUILDING C

**P2.1.C** SCALE: 1/8" = 1'-0"

0 4' 16'

1' 2' 3' 4'



**2 FLOOR PLAN - BUILDING C**  
**P2.1.C** SCALE: 1/8" = 1'-0" 

- DEMOLITION SHEET NOTES:**
- 1 REMOVE URINALS AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL.
  - 2 REMOVE WATER CLOSET, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY.
  - 3 REMOVE LAVATORY, WALL CARRIER AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL. CAP PIPING IN WALL. PREPARE PIPING FOR RECONNECTION.

**GENERAL SHEET NOTES:**

1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.
2. ROUTE FULL SIZE VENT AND TIE INTO VR WITHIN WALL BELOW ROOF DECK.

- SHEET NOTES:**
1. NEW URINAL TO BE CONNECTED TO EXISTING PIPING ADJUSTED/ EXTEND PIPING TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
  2. NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
  3. NEW WATER CLOSET (WC) TO BE CONNECTED TO EXISTING PIPING. BRING WATER, WASTE AND VENT PIPE W/ SIZES NOTED IN FUTURE SCHEDULE. ROUTE ALL PIPING BEHIND ARCHITECTURAL SURFACES TO THE NEW WC. WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED PIPING PER PLAN. TO NEW ROUGH-IN LOCATION.
  4. NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.

**NOTE:  
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WORK SCOPE SHOWN ON  
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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING -  
DEMOLITION & FLOOR  
PLANS - BUILDING C



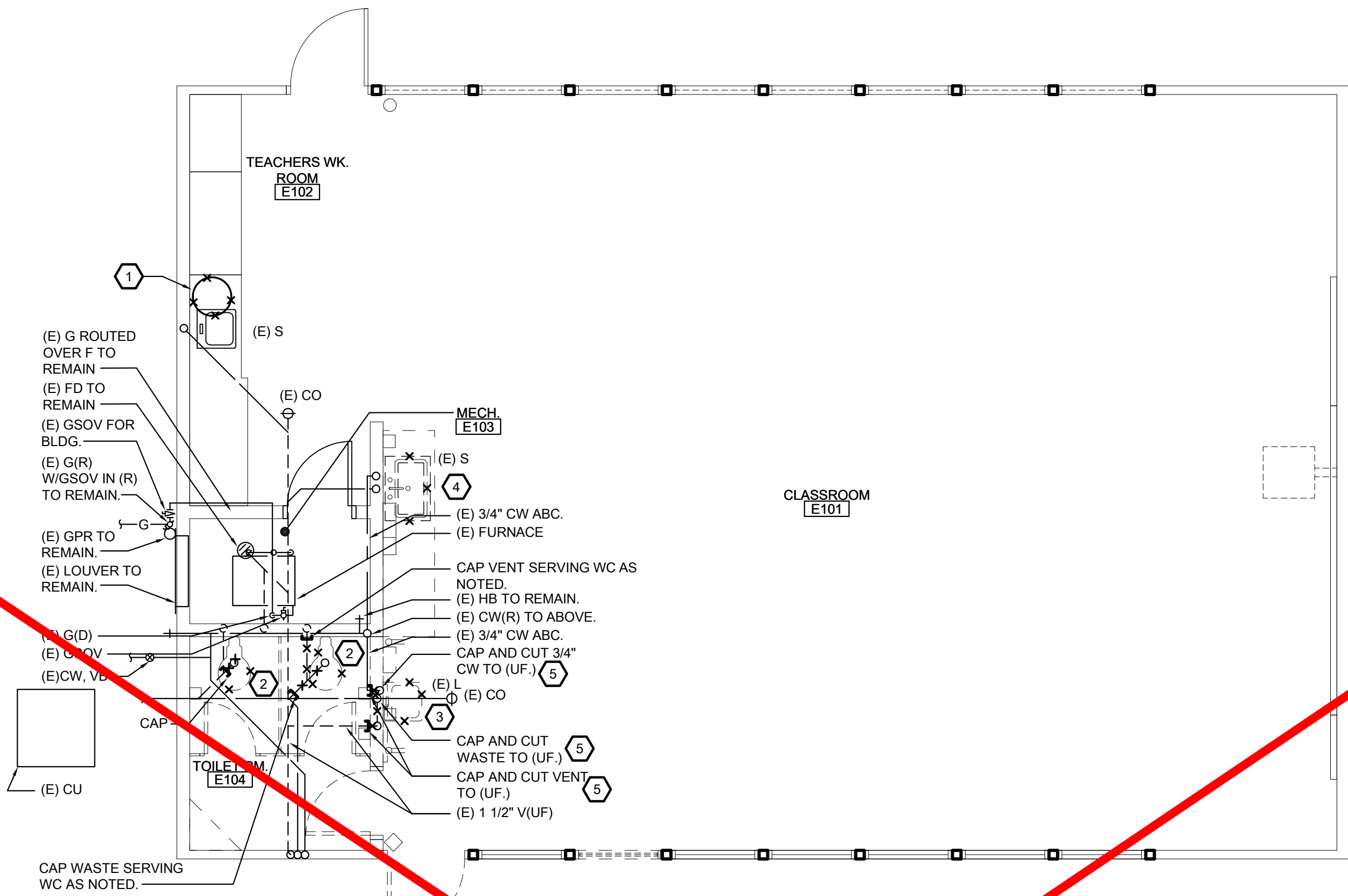
PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
<del>C. FILE</del>		
UPDATED 11/17/2022		

## P2.1.C





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1 DEMOLITION FLOOR PLAN - BUILDING E  
P2.1.E SCALE: 1/4" = 1'-0"

DEMOLITION SHEET NOTES:

- 1 REMOVE WATER HEATER, EXP. TANK AND SUPPORTS BELOW CABINET. DISCONNECT WATER, DRAIN, P&TRV PIPING FROM WATER HEATER. PREPARE FOR NEW WATER, EXPANSION TANK AND PIPING RECONNECTION OF SERVICES.
- 2 REMOVE WATER CLOSET, AND CONNECTED WASTE, VENT AND WATER PIPING BACK TO WALL CHASE. CAP PIPING BACK INTO WALL CAVITY. PREPARE FOR PIPING RECONNECTION(S).
- 3 REMOVE LAVATORY AND WALL CARRIER. DISCONNECT AND CAP PIPING BEHIND ARCHITECTURAL SURFACES. CAP WASTE AND VENT BELOW FLOOR AND CW WATER PIPING ABOVE CEILING. PREPARE PIPING FOR RECONNECTION.
- 4 REMOVE SINK AND CAP PIPING BACK TO WALL. PREPARE FOR NEW SINK AND RECONNECTION OF EXISTING PIPING SERVICES.
- 5 CAP AND CUT CW, WASTE, VENT PIPING TO BELOW FINISHED FLOOR. PREPARE PIPING FOR RECONNECTION.

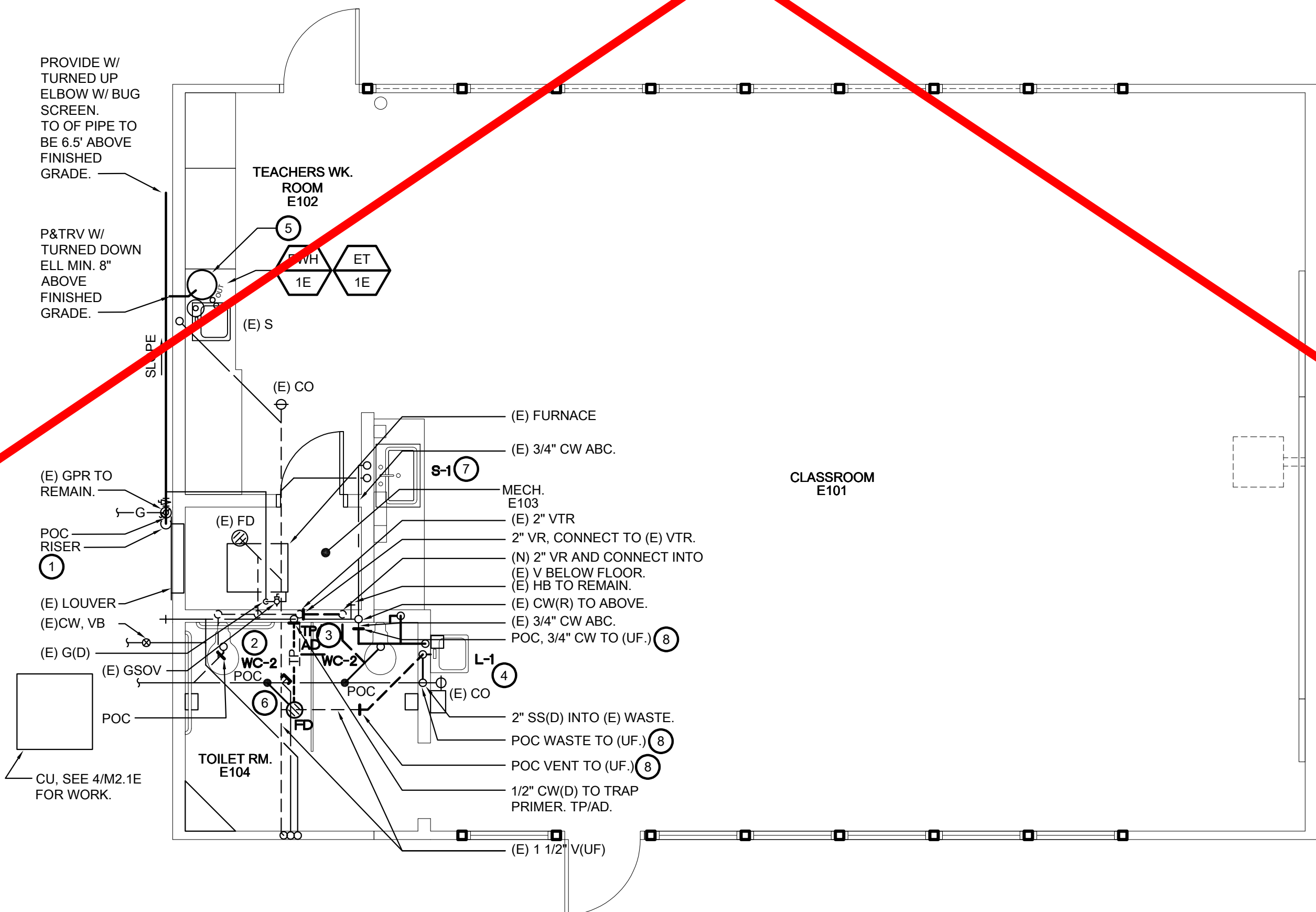
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GENERAL SHEET NOTES:

1. ALL PIPING SHALL BE LOCATED BEHIND ARCHITECTURAL SURFACES.

SHEET NOTES:

- 1 CONNECT FULL SIZE PIPE TO VENT ON EXISTING GAS PRESSURE REGULATOR (GPR) AND EXTEND 10'-0" FROM (E) OUTSIDE AIR INTAKE LOUVER. SLOPE UP 1/4" PER FOOT.
- 2 NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING ADJUSTED TO NEW ROUGH-IN LOCATION. ADJUST PIPING TO ACCOMMODATE NEW LOCATION.
- 3 NEW WATER CLOSET TO BE CONNECTED TO EXISTING PIPING SERVICES. EXTEND PER PLAN WASTE, VENT, AND WATER SERVICES TO FIXTURE.
- 4 NEW LAVATORY, ADJUST AND RECONNECT WASTE, VENT AND WATER FOR NEW LOCATION.
- 5 NEW WATER HEATER AND EXPANSION TANK. RECONNECT TO EXISTING PIPING SERVICES. ROUTE P&TRV TO GRADE.
- 6 NEW FLOOR DRAIN (FD), EXTEND PER PLAN WASTE, VENT, WATER AND TRAP PRIMER SERVICES.
- 7 RECONNECT PIPING TO NEW SINK.
- 8 EXTEND 3/4" CW, 2" SS, 1 1/2" V TO (E) SERVICES BELOW FLOOR.



2 FLOOR PLAN - BUILDING E  
P2.1.E SCALE: 1/4" = 1'-0"

MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING -  
DEMOLITION & FLOOR  
PLANS - BUILDING E

CONSULTANT



DATE SIGNED: 12/20/2022

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MS		
CHECKED		
JCBS		
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AS SHOWN		
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UPDATE		
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P2.1.E

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DATE: 01/12/2023

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Sacramento, CA 95825  
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Fax: 916.921.2212



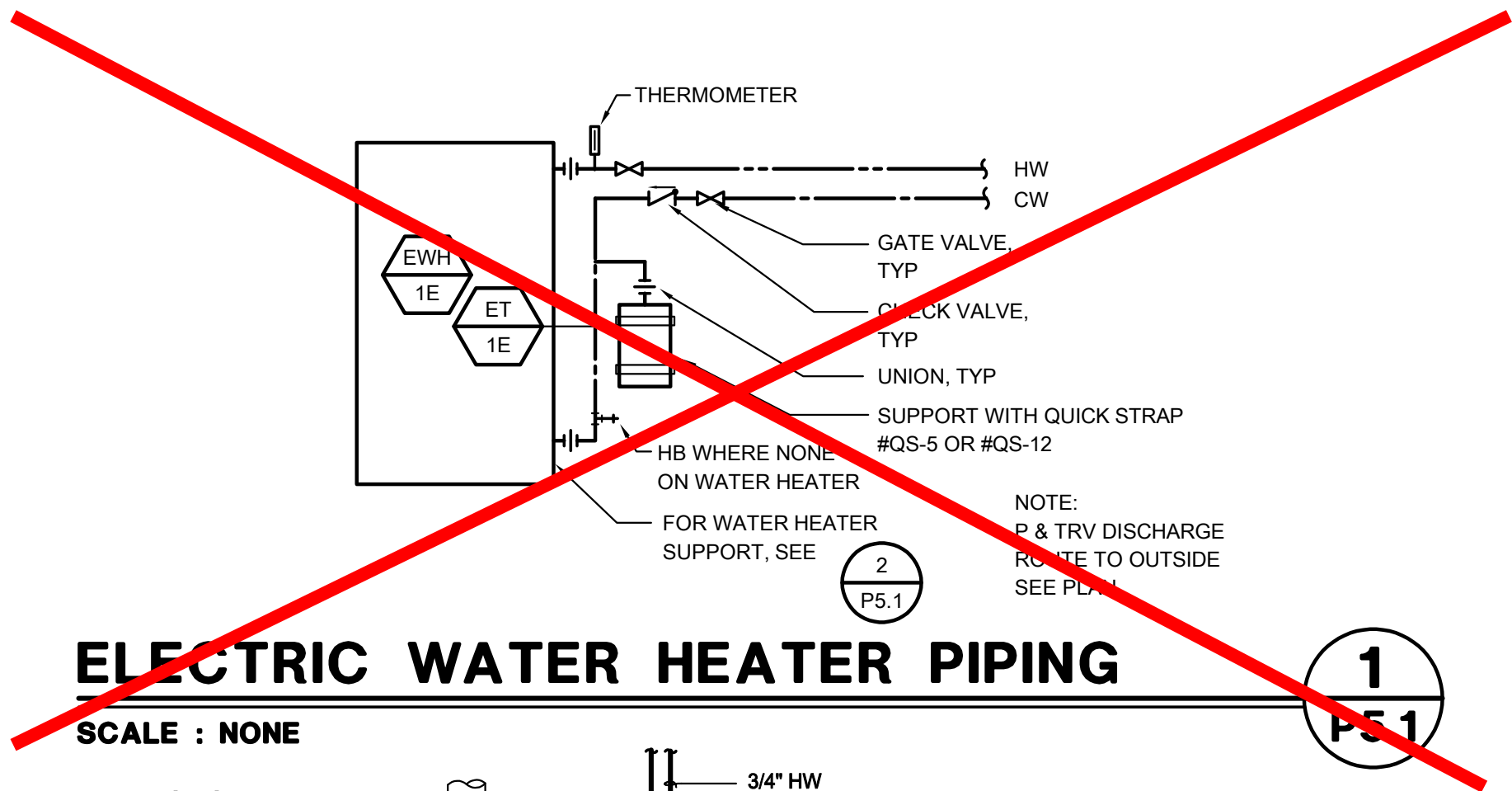
Rancho Cordova, California  
MM - RL  
PM - DESIGN TEAM  
222010.00  
PROJECT NO.

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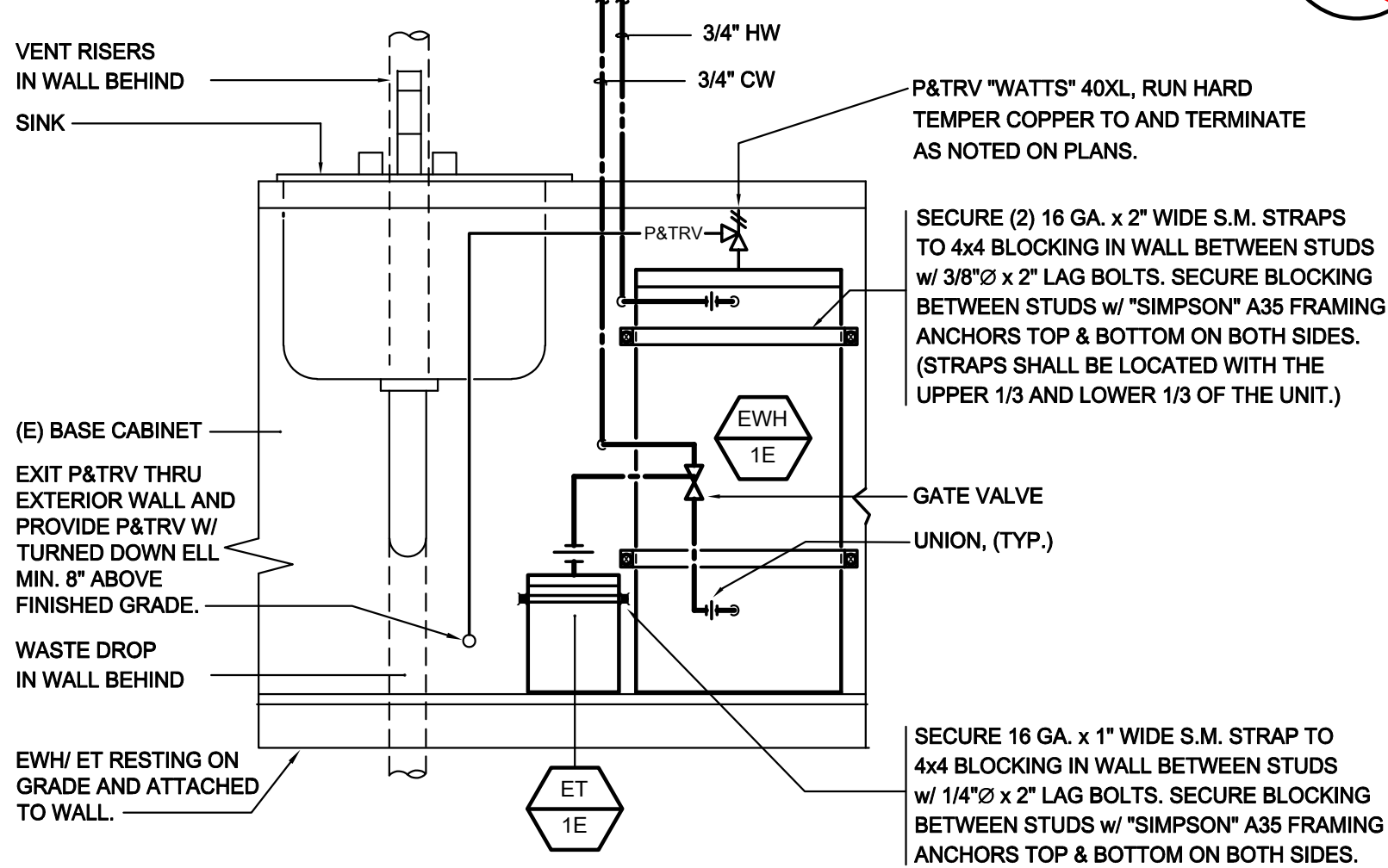
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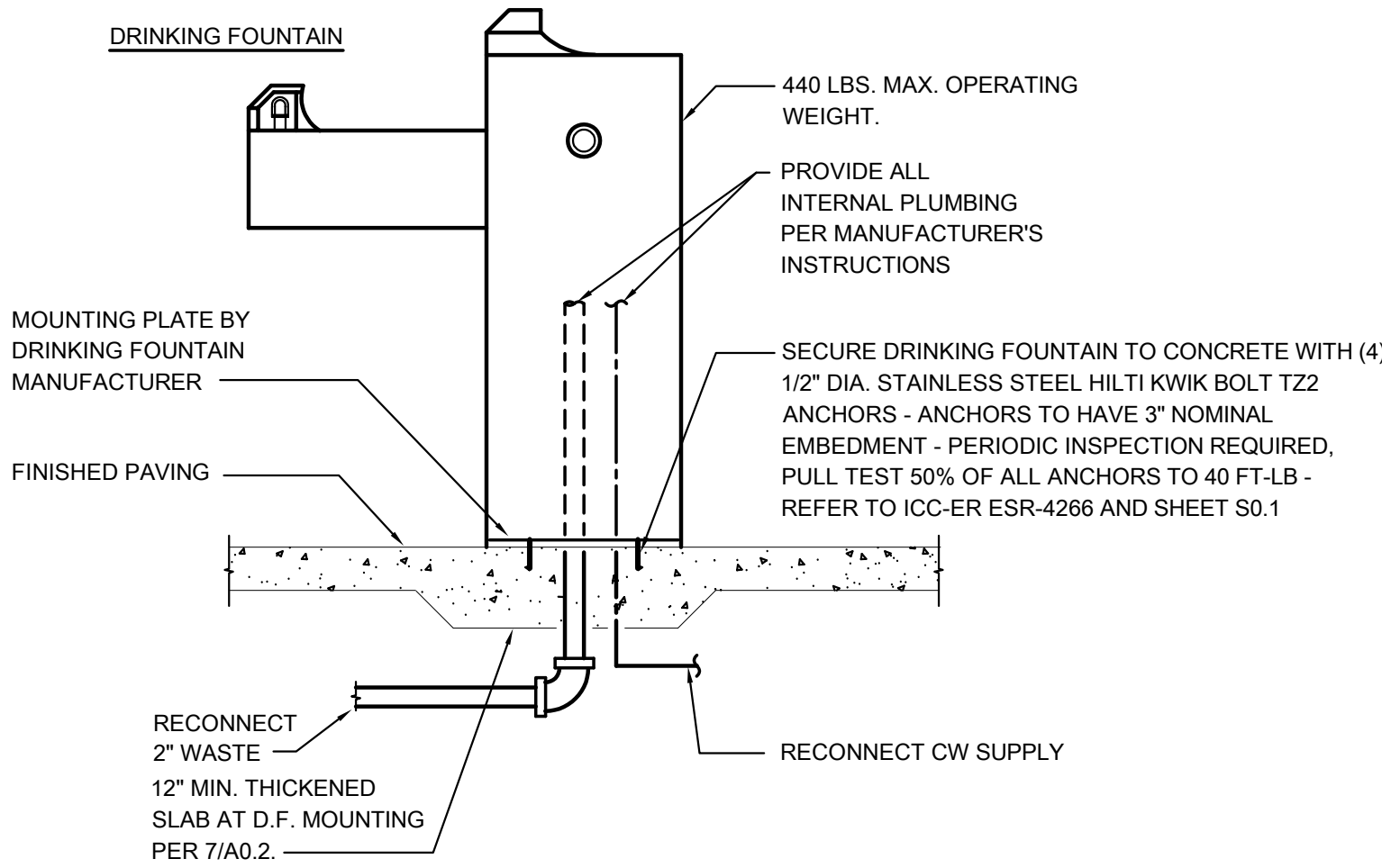
## ELECTRIC WATER HEATER PIPING

SCALE : NONE



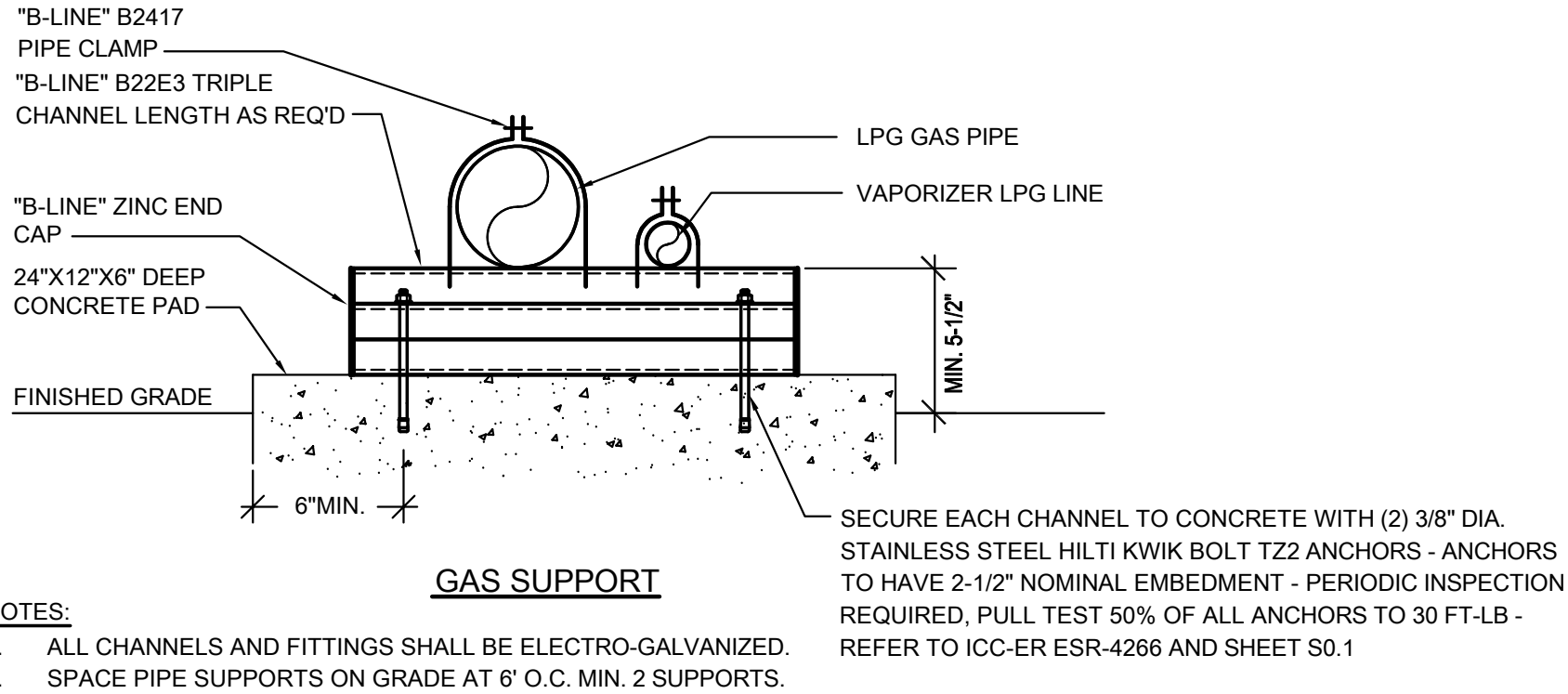
## UNDERCOUNTER WATER HEATER

SCALE : NONE



## DRINKING FOUNTAIN DETAIL

SCALE : NONE



### NOTES:

- ALL CHANNELS AND FITTINGS SHALL BE ELECTRO-GALVANIZED.
- SPACE PIPE SUPPORTS ON GRADE AT 6' O.C. MIN. 2 SUPPORTS.

## PIPE SUPPORT MOUNTING

SCALE : NONE

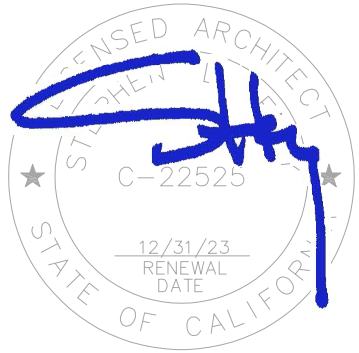
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P5.1

3  
P5.1

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P5.1

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PLUMBING -  
DETAILS

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DATE SIGNED: 12/20/2022		
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DATE 3/28/2022		
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CHECKED JCBS		
SCALE AS SHOWN		
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Rancho Cordova, California  
MM - RL 220210.00  
PM - DESIGN TEAM PROJECT NO.

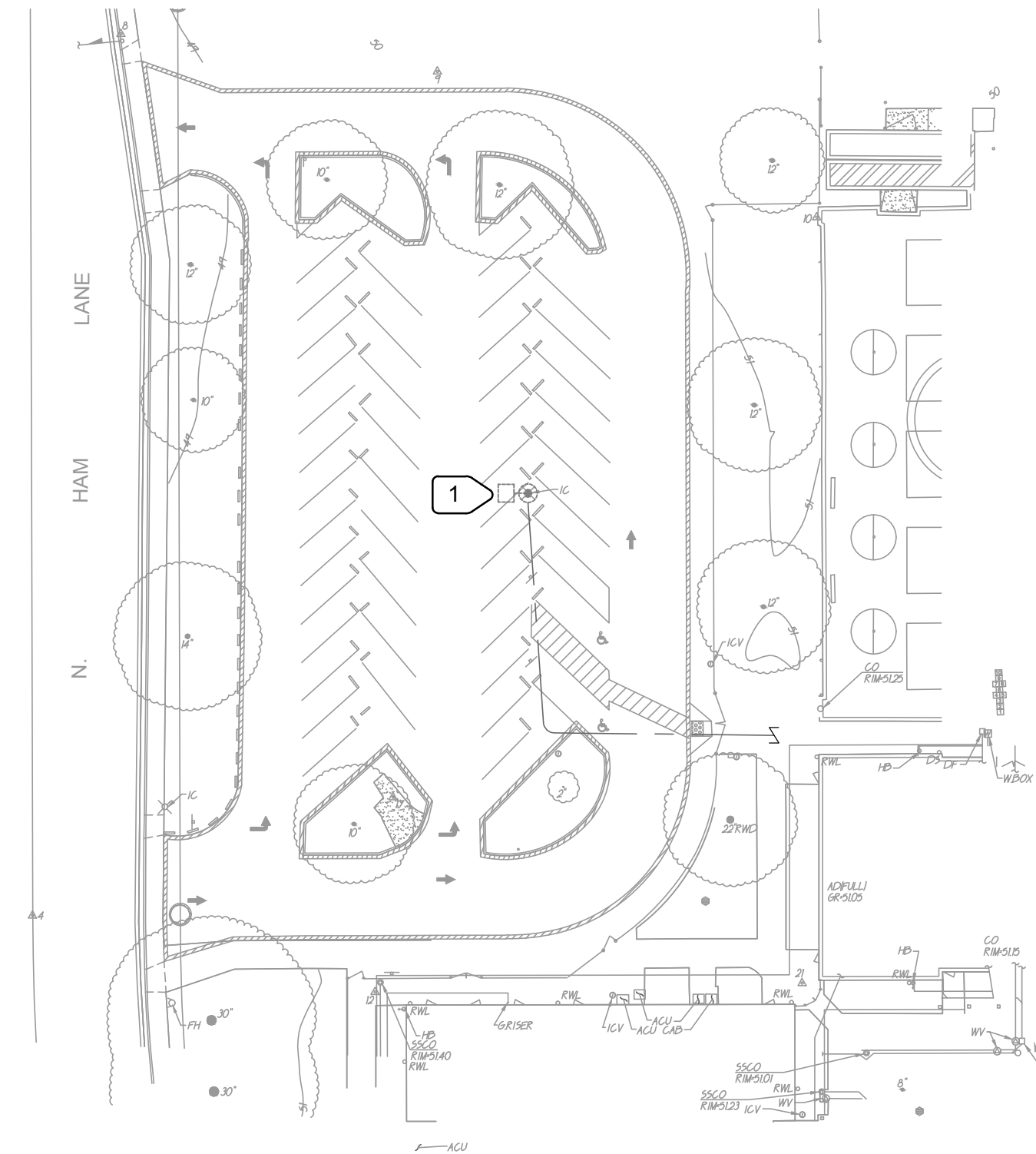


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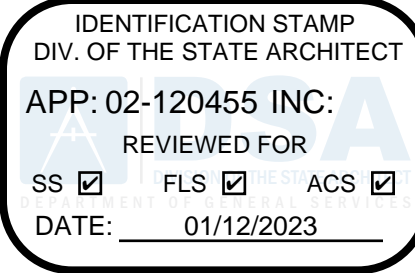
1 SITE PLAN - ELECTRICAL  
E1.1 SCALE : 1" = 40'-0"



2 EXISTING PARKING LOT  
E1.1 SCALE : 1" = 40'-0"

NUMBERED NOTES

- 1 REMOVE (E) POLE LIGHT. REMOVE CONDUIT TO EXTENT OF DEMOLITION. REMOVE WIRING BACK TO BUILDING "A".
- 2 POLE MOUNTED FIXTURE, SEE LUMINAIRE SCHEDULE. PROVIDE POLE PER 5/E4.1. TYPICAL FOR "P1" AND "P2" TYPE FIXTURE. CONTROLS TO BE INTEGRATED INTO PELICAN CONTROL SYSTEM AND SITE EMS.
- 3 PROVIDE (N) PULLBOX OVER (E) CONDUIT. PROVIDE (N) #12 WIRING FROM BUILDING "A" (REFER TO NUMBERED NOTE 1). CONNECT (N) POLE LIGHTS TO (E) CIRCUIT. (E) LIGHTING CIRCUIT IS CONTROLLED BY (E) EMS SYSTEM. INSURE CORRECT WIRING & TEST (N) LIGHTING.
- 4 (E) SCHOOL SIGN TO BE REMOVED. ELECTRICAL CONTRACTOR TO DISCONNECT AND TO PROTECT POWER/L.V. FOR REINSTALLATION BY OTHERS.
- 5 (N) QUAD AREA. PROTECT (E) CONDUIT DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR SHALL USA AREA BEFORE START OF DEMOLITION.
- 6 (E) CONDUIT - PROTECT DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR SHALL USA AREA BEFORE START OF DEMOLITION.
- 7 (2) 3"O.D. FOR FUTURE E.V. CHARGERS, FROM MAIN SWITCHBOARD TO PULLBOXES AS SHOWN. PROVIDE PULL ROPE AND SEAL CONDUITS.
- 8 3"O.D. FOR FUTURE E.V. CHARGERS. PROVIDE PULL ROPE AND SEAL CONDUIT.
- 9 (E) HVAC UNIT. ELECTRICAL CONTRACTOR SHALL TEMPORARY SUPPORT (E) EXPOSED CONDUITS/CONDUCTORS TO UNITS TO ALLOW NEW CONCRETE WALKWAY TO BE INSTALLED. AFTER (N) CONCRETE IS IN PLACE REINSTALL (E) CONDUIT/CONDUCTORS TO NEW WALKWAY/CONCRETE.
- 10 RELOCATED GATE. ELECTRICAL CONTRACTOR TO CAREFULLY DISCONNECT (E) CARD READER AND GATE OPENER. EXTEND (E) CONDUITS TO (N) GATE LOCATION AND REINSTALL (E) CARD READER AND GATE OPENER. CARD READER SHALL BE INSTALLED TO 48" MAX. A.G. PROVIDE (N) WIRING FROM (N) GATE LOCATION TO HEAD END OF CARD READER/GATE OPENER. NO UNDERGROUND SPLICING OF CARD READER/GATE OPENER WIRES.
- 11 (E) PULLBOX. PROTECT DURING DEMOLITION AND ADJUST TO (N) CONCRETE WALKWAY GRADE. BOX SHALL BE FLUSH WITH (N) CONCRETE WALKWAY.
- 12 SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR (N) CONCRETE WALKWAYS AND (N) ASPHALTIC CONCRETE PAVING. ELECTRICAL CONTRACTOR SHALL USA THIS AREA BEFORE ANY DEMOLITION STARTS. IDENTIFY (E) U.G. INFRASTRUCTURE AND COORDINATE WITH DEMOLITION CONTRACTOR TO PROTECT (E) U.G. INFRASTRUCTURE. ANY DAMAGED CONDUITS/CONDUCTORS SHALL BE REPLACED WITH (N) AND AFFECTED ELECTRICAL SYSTEM SHALL BE TESTED AND BROUGHT TO COMPLETELY WORKING CONDITION. (E) PULLBOXES SHALL BE ADJUSTED TO BE FLUSH WITH (N) SURFACES.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

SITE PLAN - ELECTRICAL

CONSULTANT

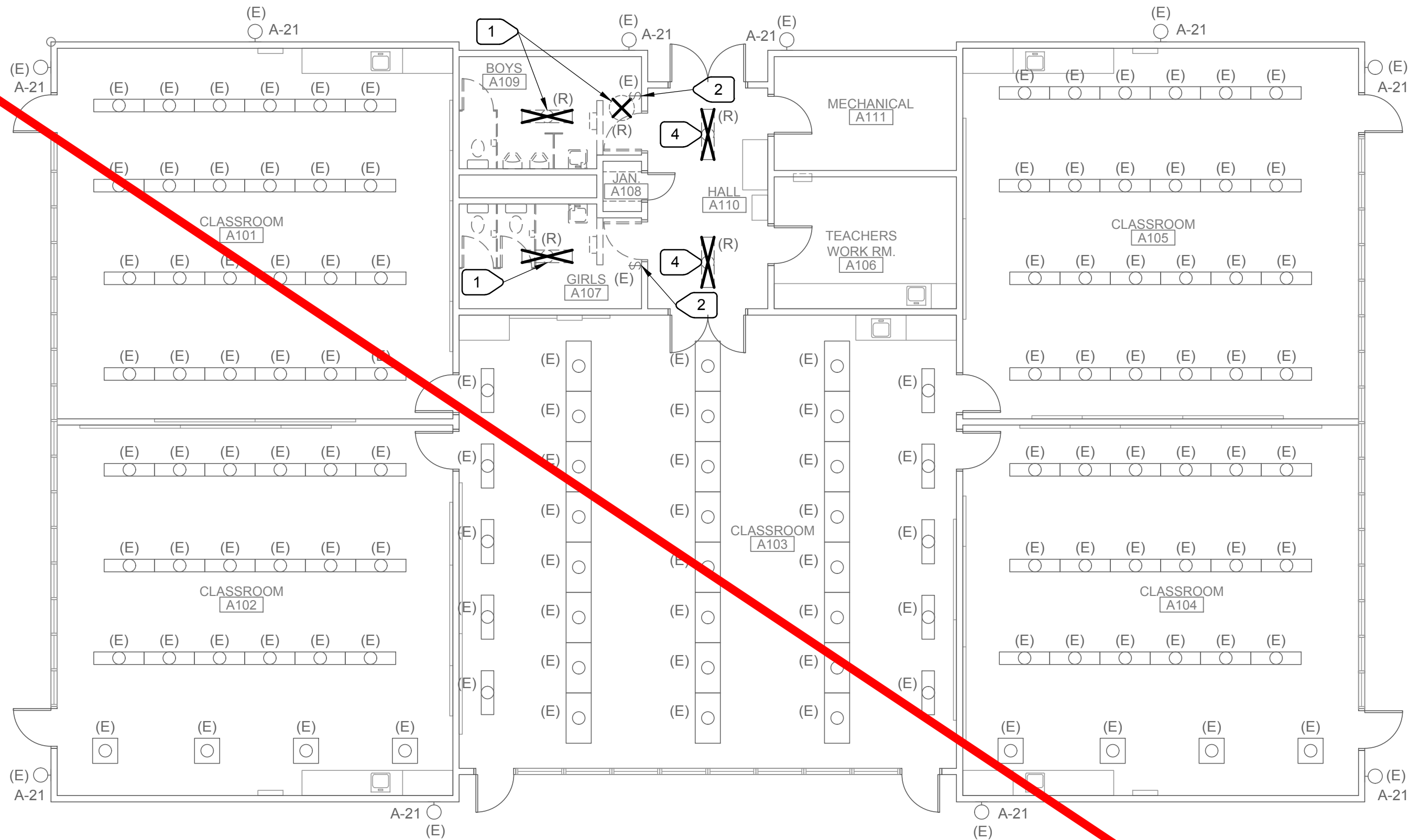


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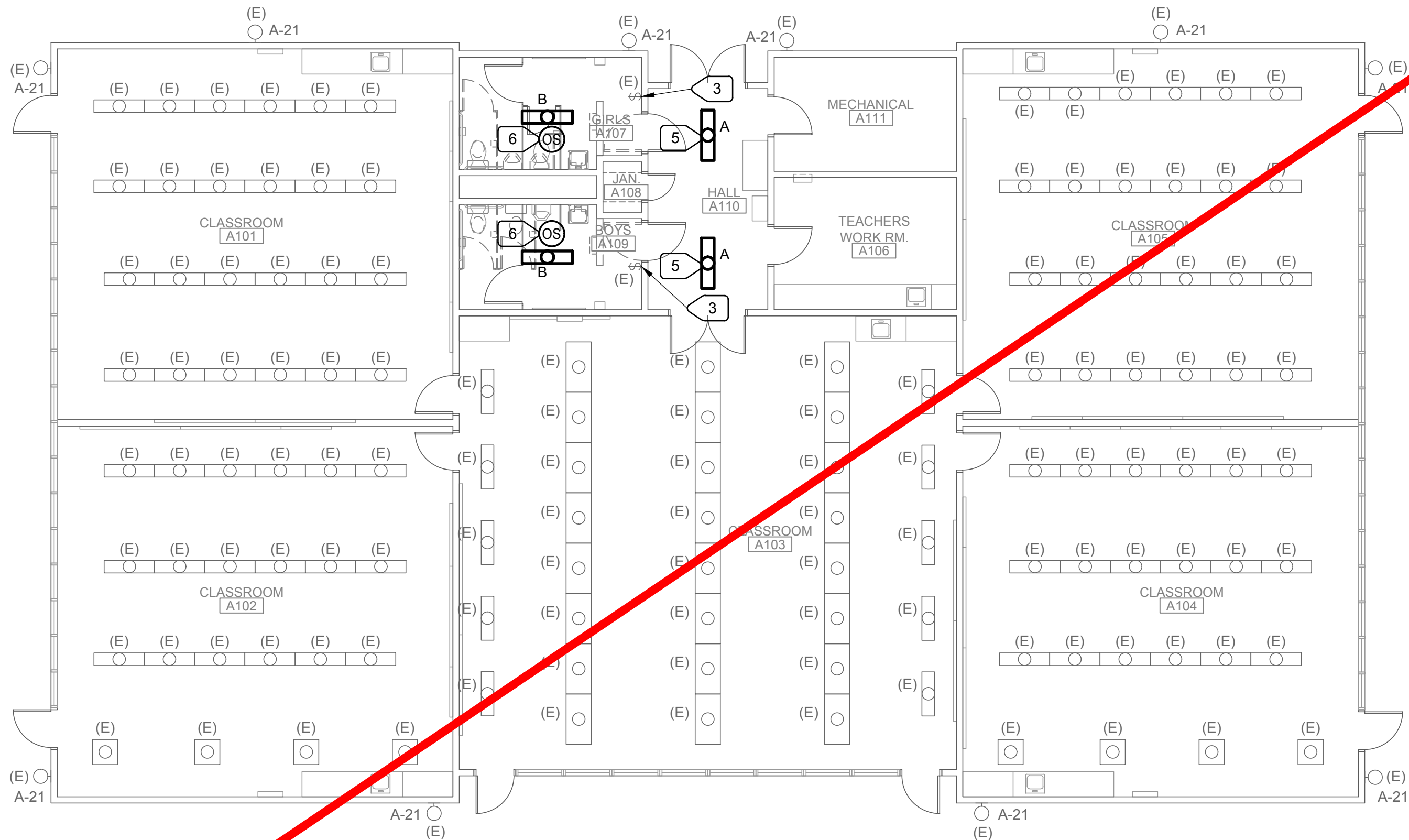
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E1.1





1 DEMOLITION PLAN - LIGHTING - BUILDING A  
E2.1.A SCALE : 1/8" = 1'-0"

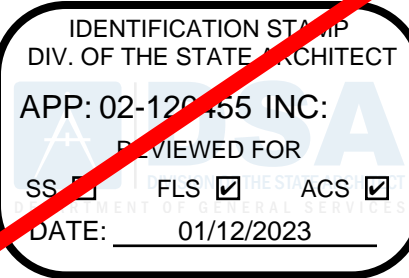


2 REMODEL PLAN - LIGHTING - BUILDING A  
E2.1.A SCALE : 1/8" = 1'-0"

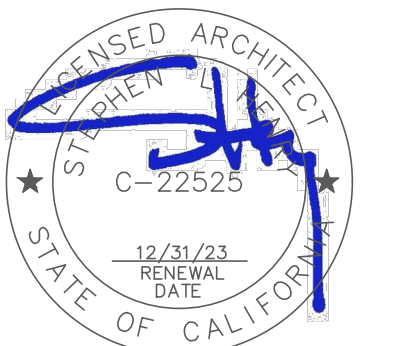
NUMBERED NOTES

- 1 REMOVE EXISTING LIGHT FIXTURE. EXISTING CIRCUITRY TO BE REUSED FOR NEW FIXTURES IN AREA. REFER TO REMODEL PLANS.
- 2 EXISTING KEYED SWITCH TO BE REUSED FOR NEW LIGHTS IN RESTROOM. REFER TO REMODEL PLANS.
- 3 UTILIZE EXISTING KEYED SWITCH FOR NEW LIGHTS IN RESTROOM. EXTEND EXISTING CIRCUITRY AS REQUIRED. PROVIDE ALL APPURTENANCES FOR A COMPLETE AND OPERABLE SYSTEM.
- 4 REMOVE EXISTING LIGHT FIXTURE AND PROVIDE NEW LIGHT FIXTURE AT SAME LOCATION AS SHOWN ON REMODEL PLAN. EXISTING CIRCUITRY AND CONTROL TO BE REUSED.
- 5 INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS DEMOLISHED FIXTURE. REUSE EXISTING CIRCUITRY AND CONTROL.
- 6 PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.

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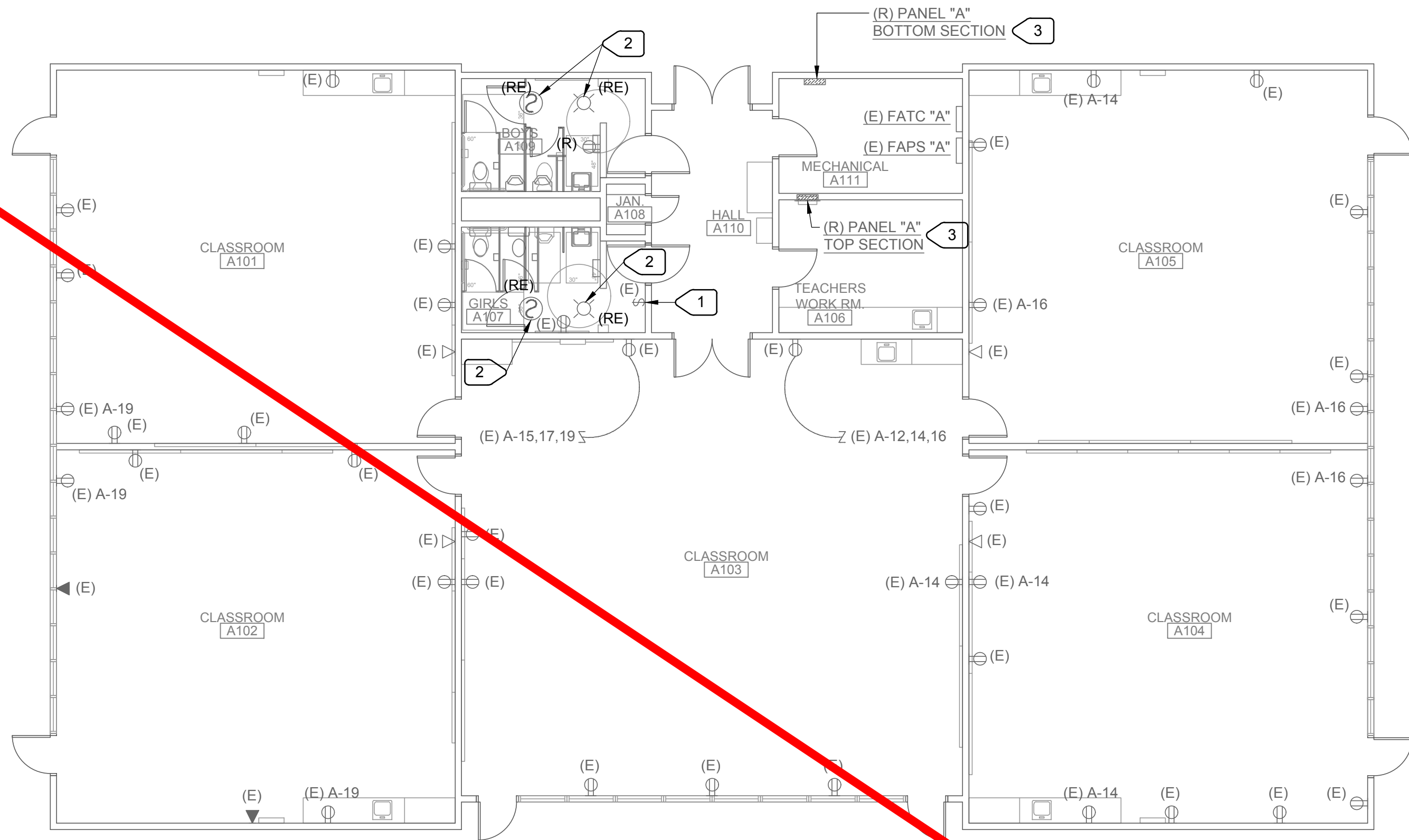
MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
FLOOR PLANS -  
LIGHTING - BUILDING A



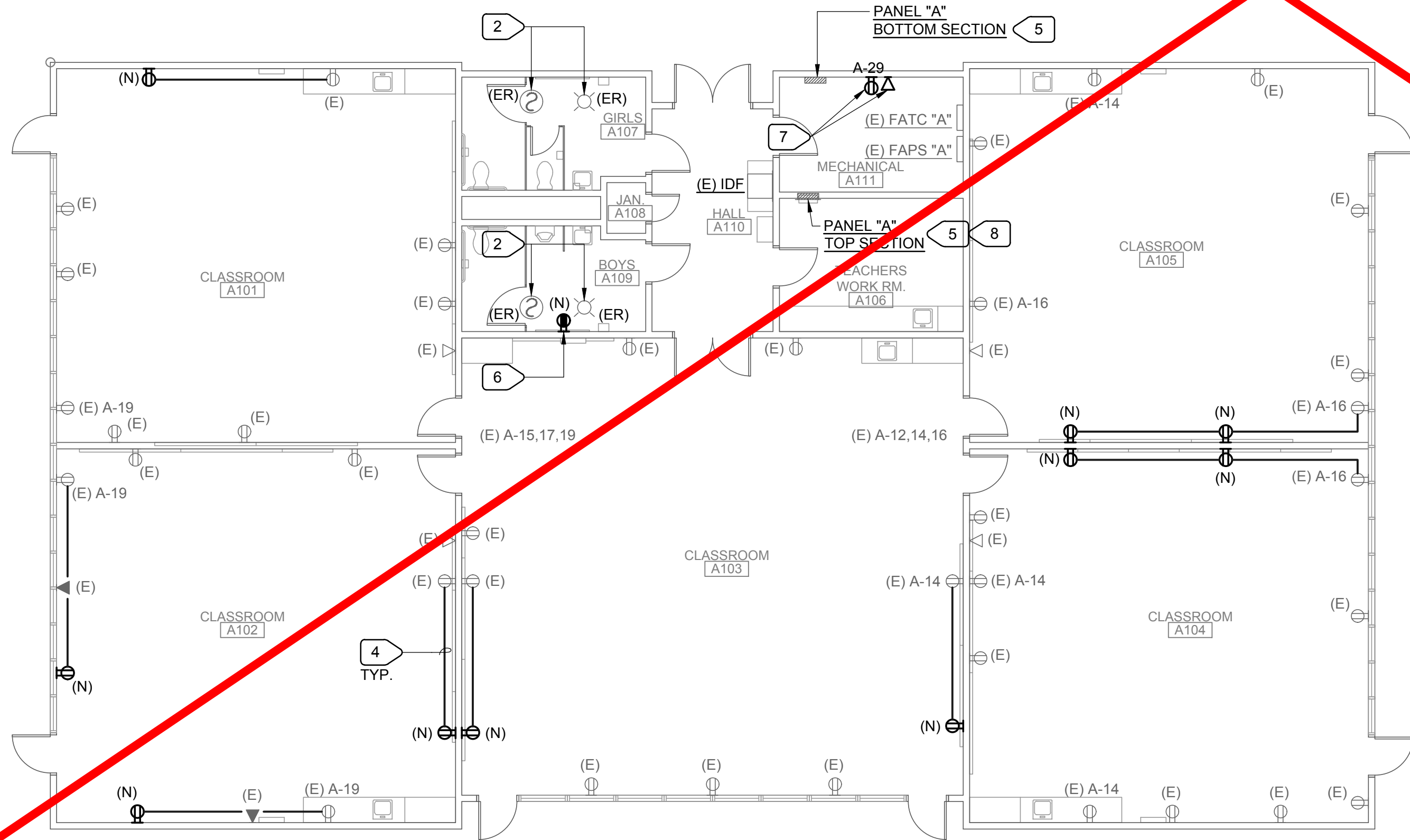
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E2.1.A





1 DEMOLITION PLAN - ELECTRICAL - BUILDING A  
E2.2.A SCALE : 1/8" = 1'-0"



2 REMODEL PLAN - ELECTRICAL - BUILDING A  
E2.2.A SCALE : 1/8" = 1'-0"

NUMBERED NOTES

- 1 EXISTING SQUARE D MANUAL TOGGLE SWITCH TO REMAIN.
- 2 EXISTING FIRE ALARM DEVICE. REMOVE AND REINSTALL TO ACCOMMODATE NEW CEILING WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
- 3 EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
- 4 PROVIDE NEW RECEPTACLE. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN AREA. EXTEND EXISTING RACEWAYS AND CONDUCTORS AS REQUIRED. PROVIDE METAL SURFACE RACEWAY WIREMOLD SERIES 2000 OR SIMILAR. FIELD VERIFY ALL REQUIREMENTS.
- 5 NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
- 6 REPLACE (E) RECEPTACLE WITH (N) GFCI RECEPTACLE.
- 7 PROVIDE FOR (N) PELICAN EMS SYSTEM. RUN POWER TO TOP SECTION OF PANEL "A". RUN CAT6 CABLE TO (E) IDF. COORDINATE WITH MECHANICAL PRIOR TO ROUGH IN.
- 8 DISCONNECT (E) EXTERIOR LIGHTING CIRCUIT FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

FLOOR PLANS -  
ELECTRICAL - BUILDING A

CONSULTANT

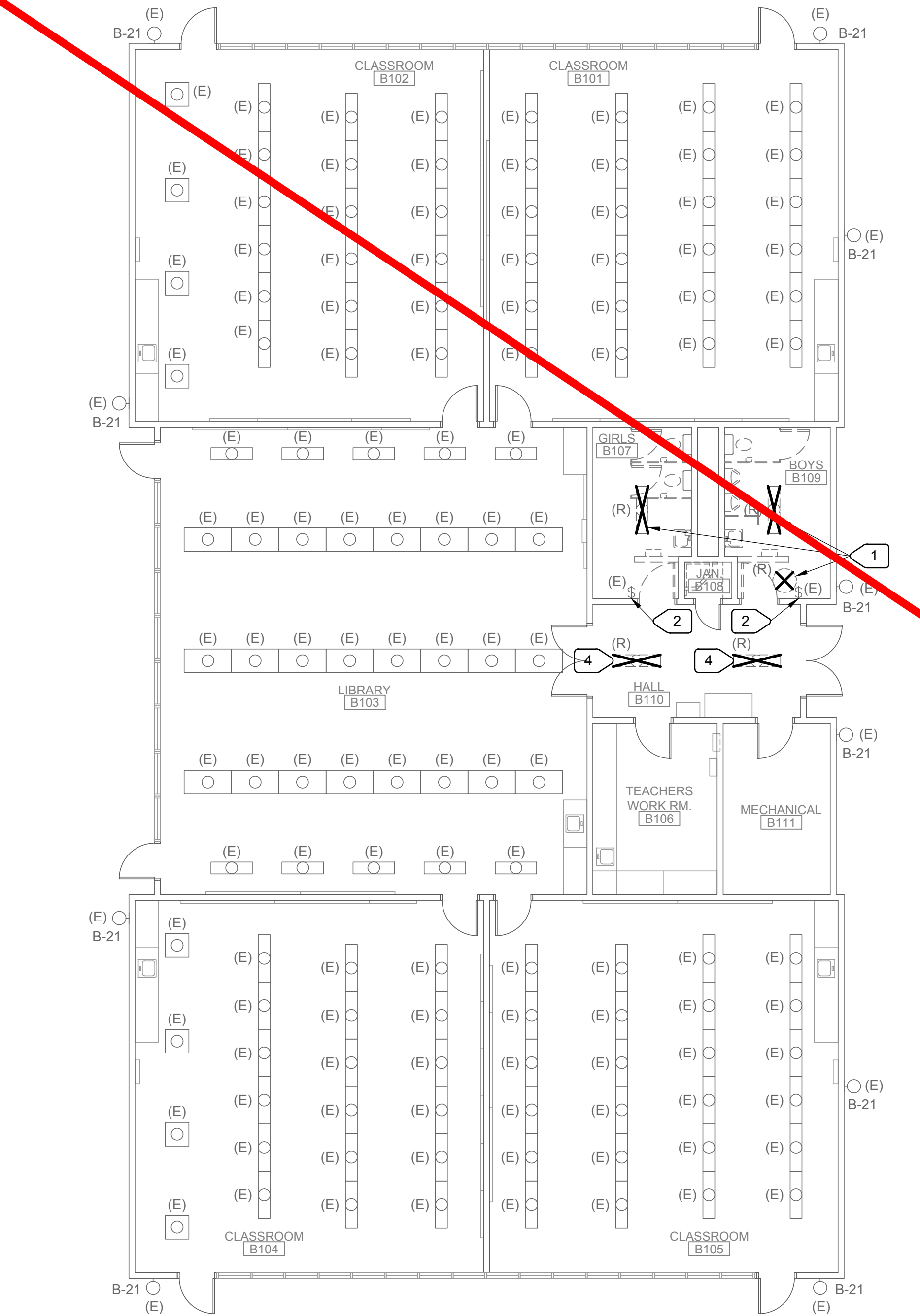


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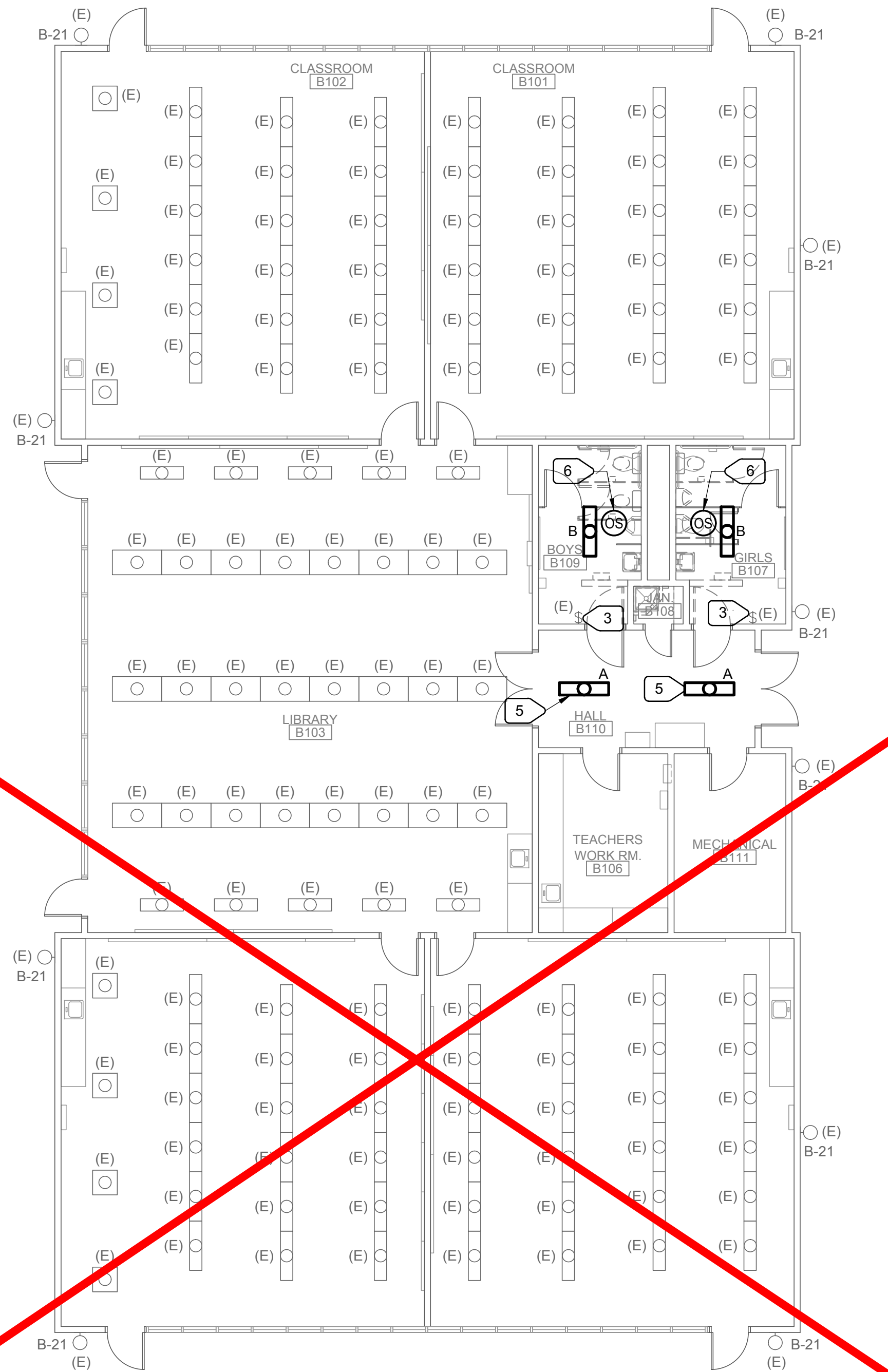
E2.2.A

**M. NEILS**  
ENGINEERING, INC.  
Electrical Engineers | Lighting Designers  
100 Howe Ave., Suite 235N  
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www.mneilsengineering.com  
Tel: (916) 923-4400  
PROJECT #: 21248.21  
PRJ MGR: Sinisha Glisic





**1**  
E2.1.B  
DEMOLITION PLAN - LIGHTING - BUILDING B  
SCALE : 1/8" = 1'-0"



**2**  
E2.1.B  
REMODEL PLAN - LIGHTING - BUILDING B  
SCALE : 1/8" = 1'-0"

- NUMBERED NOTES
- 1 REMOVE EXISTING LIGHT FIXTURE. EXISTING CIRCUITRY TO BE REUSED FOR NEW FIXTURES IN AREA. REFER TO REMODEL PLANS.
  - 2 EXISTING KEYED SWITCH TO BE REUSED FOR NEW LIGHTS IN RESTROOM. REFER TO REMODEL PLANS.
  - 3 UTILIZE EXISTING KEYED SWITCH FOR NEW LIGHTS IN RESTROOM. EXTEND EXISTING CIRCUITRY AS REQUIRED. PROVIDE ALL APPURTENANCES FOR A COMPLETE AND OPERABLE SYSTEM.
  - 4 REMOVE EXISTING LIGHT FIXTURE AND PROVIDE SIMILAR LIGHT FIXTURE AT SAME LOCATION AS SHOWN ON REMODEL PLAN. EXISTING CIRCUITRY AND CONTROL TO BE REUSED.
  - 5 INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS DEMOLISHED FIXTURE. REUSE EXISTING CIRCUITRY AND CONTROL.
  - 6 PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.

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**HENRY+  
ASSOCIATES  
ARCHITECTS**

12/31/23  
RENEWAL  
DATE

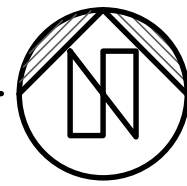
MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
  
FLOOR PLANS -  
LIGHTING - BUILDING B

CONSULTANT  
  
01/04/2023

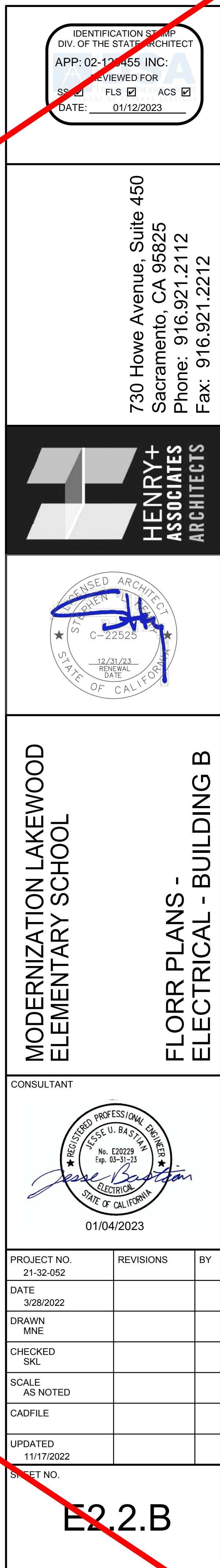
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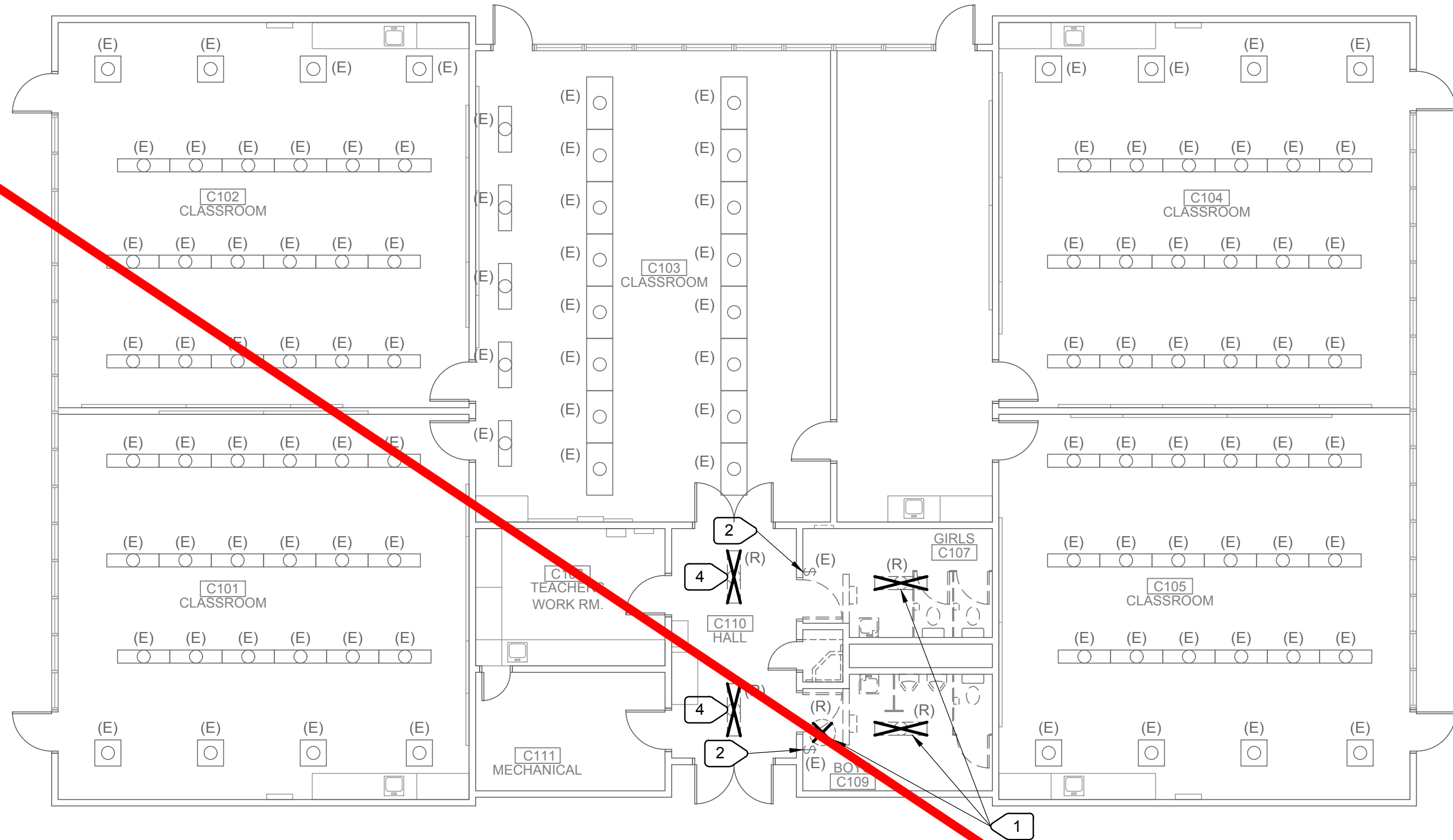




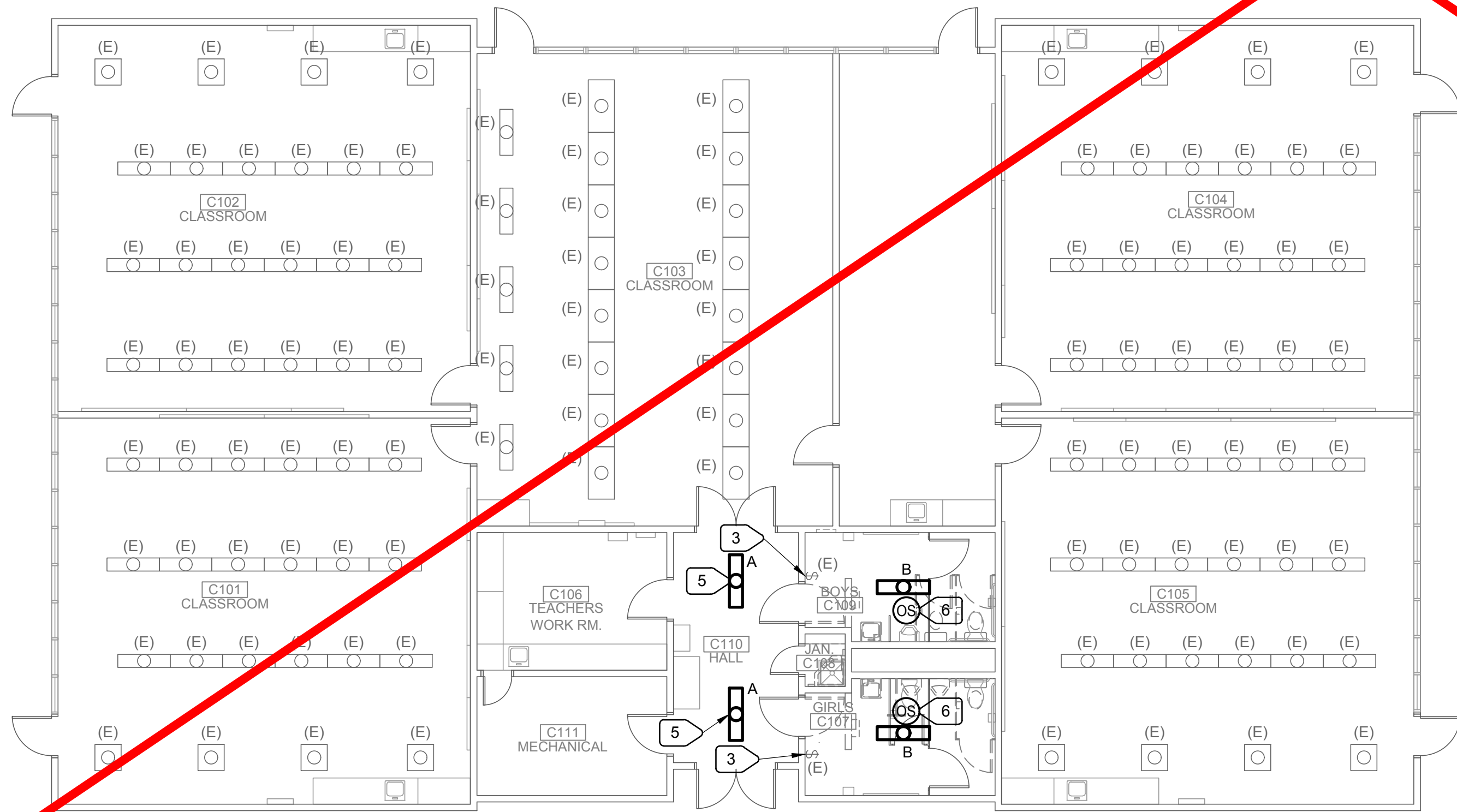
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1 DEMOLITION PLAN - LIGHTING - BUILDING C  
E2.1.C SCALE : 1/8" = 1'-0"



2 REMODEL PLAN - LIGHTING - BUILDING C  
E2.1.C SCALE : 1/8" = 1'-0"

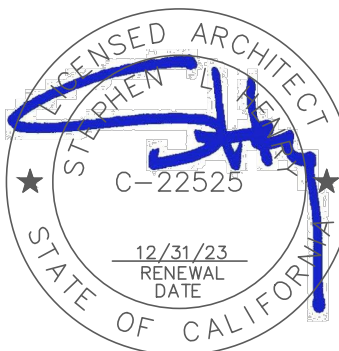
NUMBERED NOTES

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- 4 REMOVE EXISTING LIGHT FIXTURE AND PROVIDE SIMILAR LIGHT FIXTURE AT SAME LOCATION AS SHOWN ON REMODEL PLAN. EXISTING CIRCUITRY AND CONTROL TO BE REUSED.
- 5 INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS DEMOLISHED FIXTURE. REUSE EXISTING CIRCUITRY AND CONTROL.
- 6 PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
FLOOR PLANS -  
LIGHTING - BUILDING C

CONSULTANT



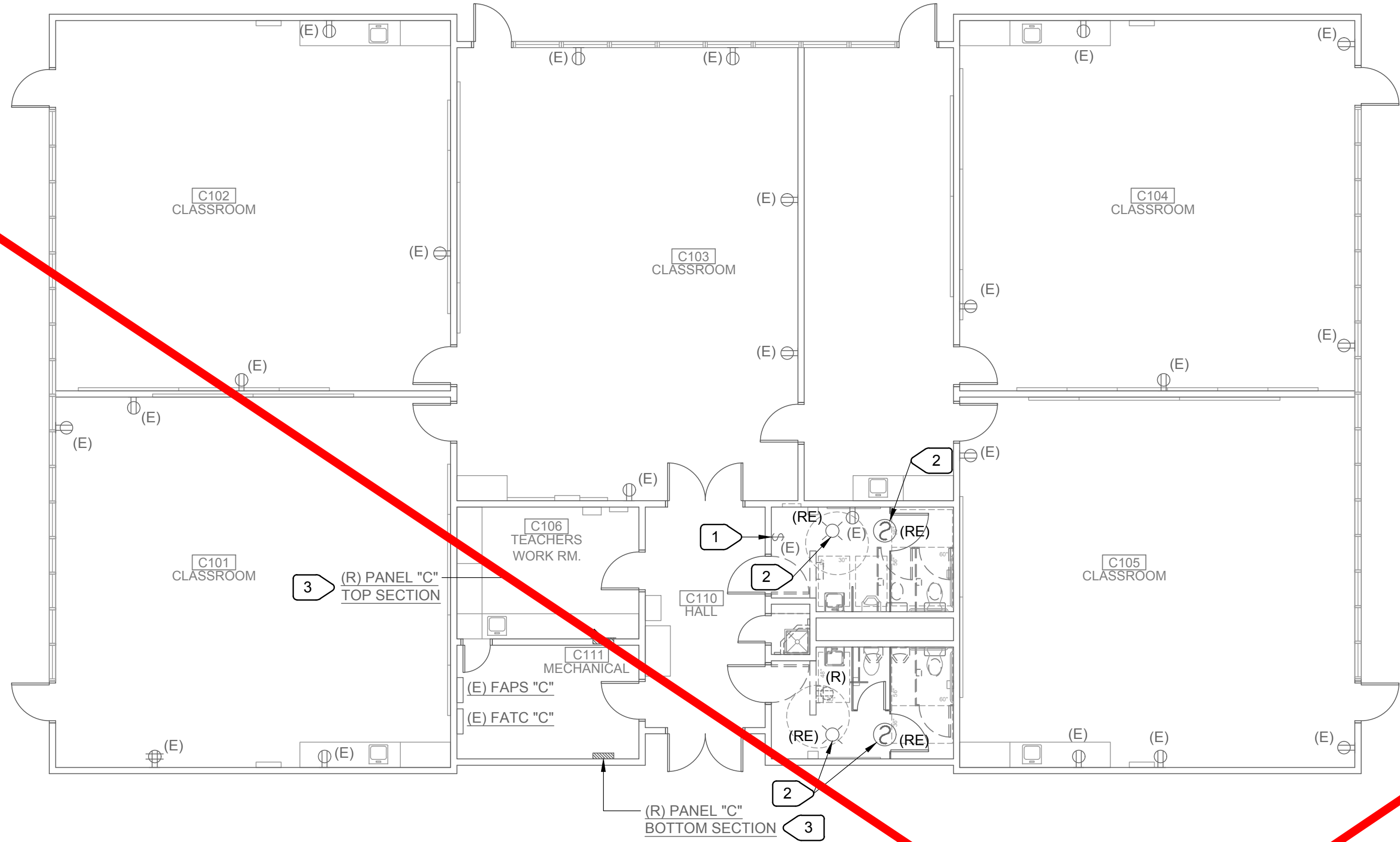
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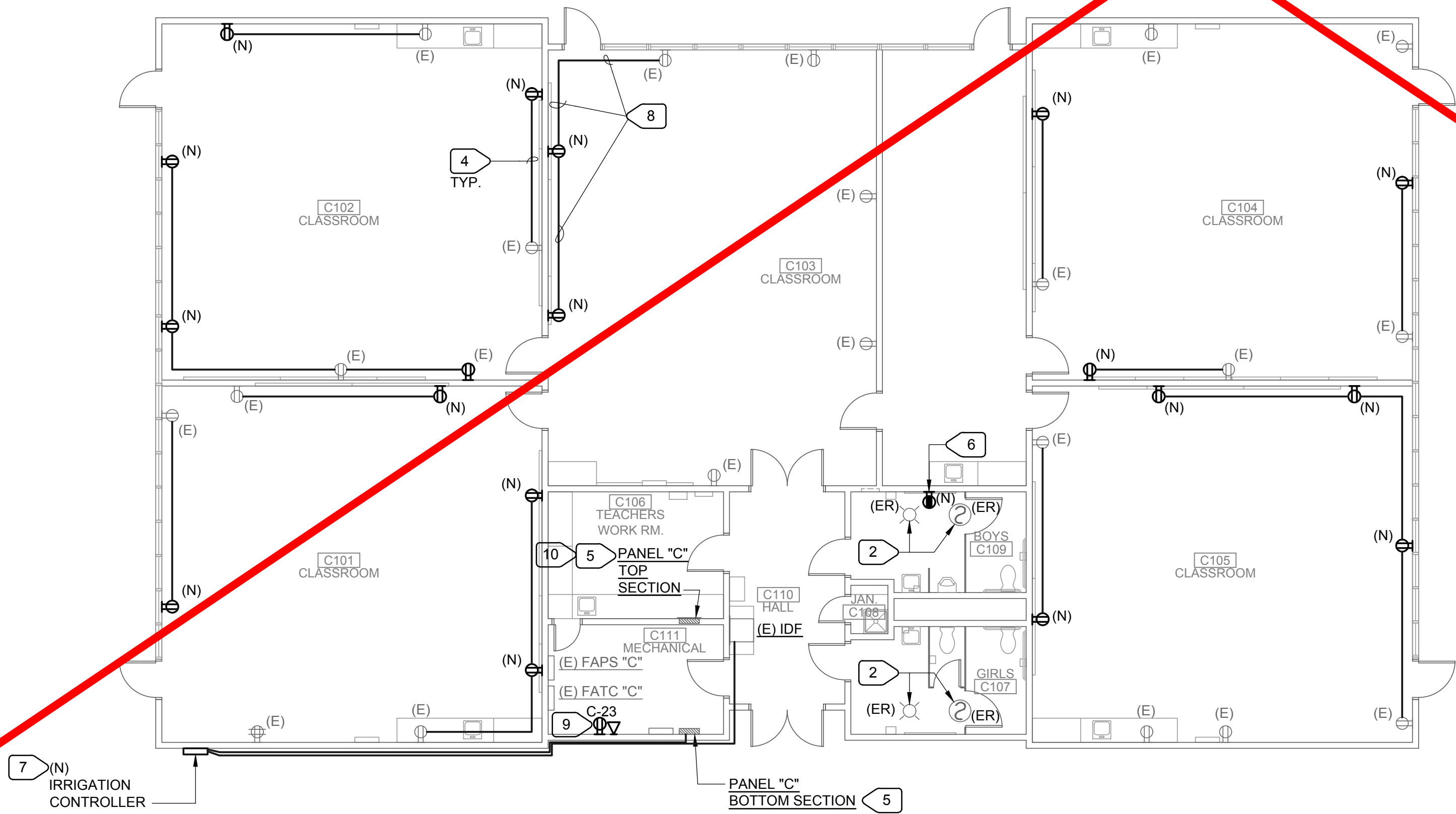
E2.1.C

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PROJECT #: 21248.21  
PRJ MGR: Sinisha Glisic





1 DEMOLITION PLAN - ELECTRICAL - BUILDING C  
E2.2.C SCALE : 1/8" = 1'-0"



2 REMODEL PLAN - ELECTRICAL - BUILDING C  
E2.2.C SCALE : 1/8" = 1'-0"

### NUMBERED NOTES

- EXISTING SQUARE D MANUAL TOGGLE SWITCH TO REMAIN.
- EXISTING FIRE ALARM DEVICE. REMOVE AND REINSTALL TO ACCOMMODATE NEW CEILING WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
- EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
- PROVIDE NEW RECEPTACLE. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN AREA. EXTEND EXISTING RACEWAYS AND CONDUCTORS AS REQUIRED. PROVIDE METAL SURFACE RACEWAY WIREMOLD SERIES 2000 OR SIMILAR. FIELD VERIFY ALL REQUIREMENTS.
- NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
- REPLACE (E) RECEPTACLE WITH (N) GFCI RECEPTACLE.
- CONNECT (N) IRRIGATION CONTROLLER TO PANEL "C" BOTTOM SECTION, CIRCUIT 22. PROVIDE (N) DATA DROP FOR IRRIGATION CONTROLLER. CONNECT TO (E) IDF. PROVIDE CAT8 OSP TYPE OF CABLE FOR (N) DATA DROP. RUN POWER AND DATA ON EXTERIOR WALL IN RIGID STEEL CONDUITS. COORDINATE EXACT ROUTE WITH ARCHITECT BEFORE ROUGH IN. PAINT CONDUITS TO MATCH SURFACE TO WHICH THEY ARE ATTACHED. FOR DATA DROP RUN WIREMOLD V700 FROM IDF TO EXTERIOR WALL HIGH ON WALL, JUST BELOW CEILING.
- RUN (N) WIREMOLD VERTICALLY AROUND DOOR AND ENTER CEILING CHASE. RUN CONDUIT THROUGH CEILING CHASE AND WIREMOLD DOWN WALL TO (N) RECEPTACLES.
- PROVIDE FOR (N) PELICAN EMS SYSTEM. RUN POWER TO TOP SECTION OF PANEL "C". RUN CAT6 CABLE TO (E) IDF. COORDINATE WITH MECHANICAL PRIOR TO ROUGH IN.
- DISCONNECT (E) EXTERIOR LIGHTING CIRCUIT FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

**NOTE:**  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
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SCOPE.

IDENTIFICATION STRIP  
DIV. OF THE STATE ARCHITECT  
APP: 02-123455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

**HENRY+**  
**ASSOCIATES**  
**ARCHITECTS**



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
  
FLOOR PLANS -  
ELECTRICAL - BUILDING C

CONSULTANT

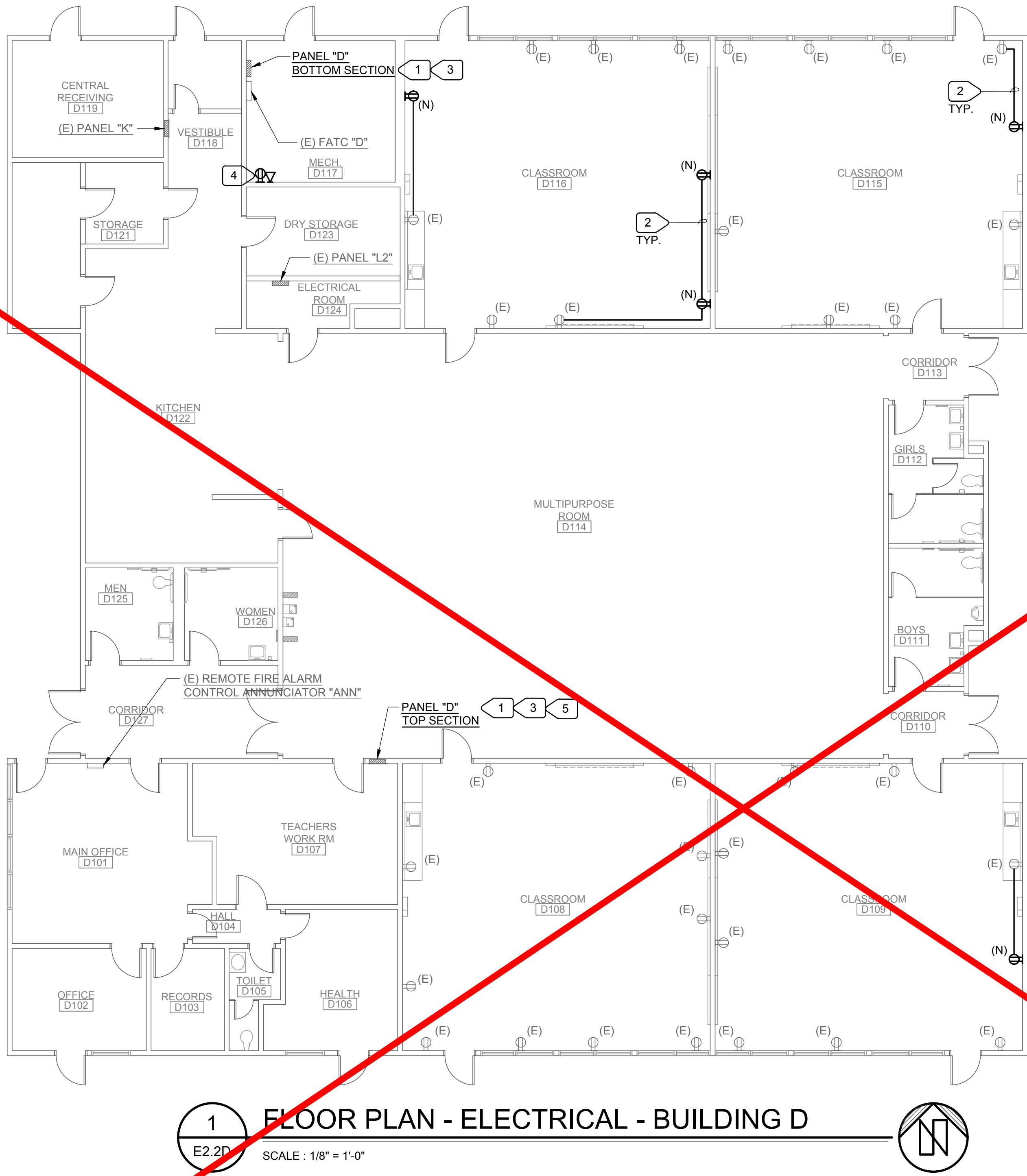


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E2.2.C

**M. NEILS**  
**ENGINEERING, INC.**  
Electrical Engineers | Lighting Designers  
100 Howe Ave., Suite 235N  
Sacramento, CA 95825-8217  
www.mneilsengineering.com  
Tel: (916) 923-4400  
PROJECT #: 21248.21  
PRJ MGR: Sinisha Glisic





1

E2.2.D

FLOOR PLAN - ELECTRICAL - BUILDING D

SCALE : 1/8" = 1'-0"

- NUMBERED NOTES
- 1

EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
- 2

PROVIDE NEW RECEPTACLE. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN AREA. EXTEND EXISTING RACEWAYS AND CONDUCTORS AS REQUIRED. PROVIDE METAL SURFACE RACEWAY WIREMOLD SERIES 2000 OR SIMILAR. FIELD VERIFY ALL REQUIREMENTS.
- 3

NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
- 4

PROVIDE FOR (N) PELICAN EMS SYSTEM. RUN POWER TO (E) PANEL "K". RUN CAT6 CABLE TO (E) IDF. COORDINATE WITH MECHANICAL PRIOR TO ROUGH IN.
- 5

DISCONNECT (E) EXTERIOR LIGHTING AND PARKING LOT LIGHT CIRCUITS FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

NOTE:

EXCEPT FOR ANY SITE

RELATED WORK SCOPE, THE

WORK SCOPE SHOWN ON

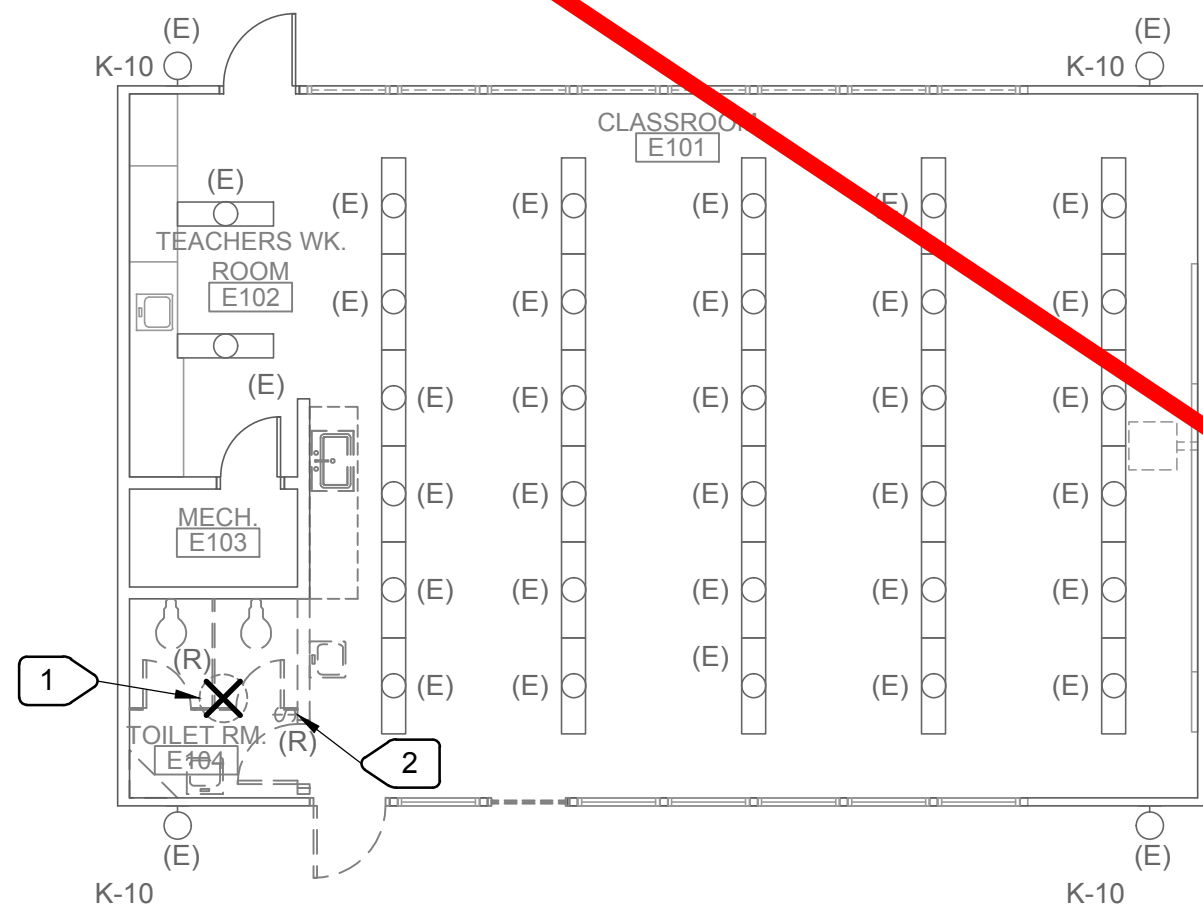
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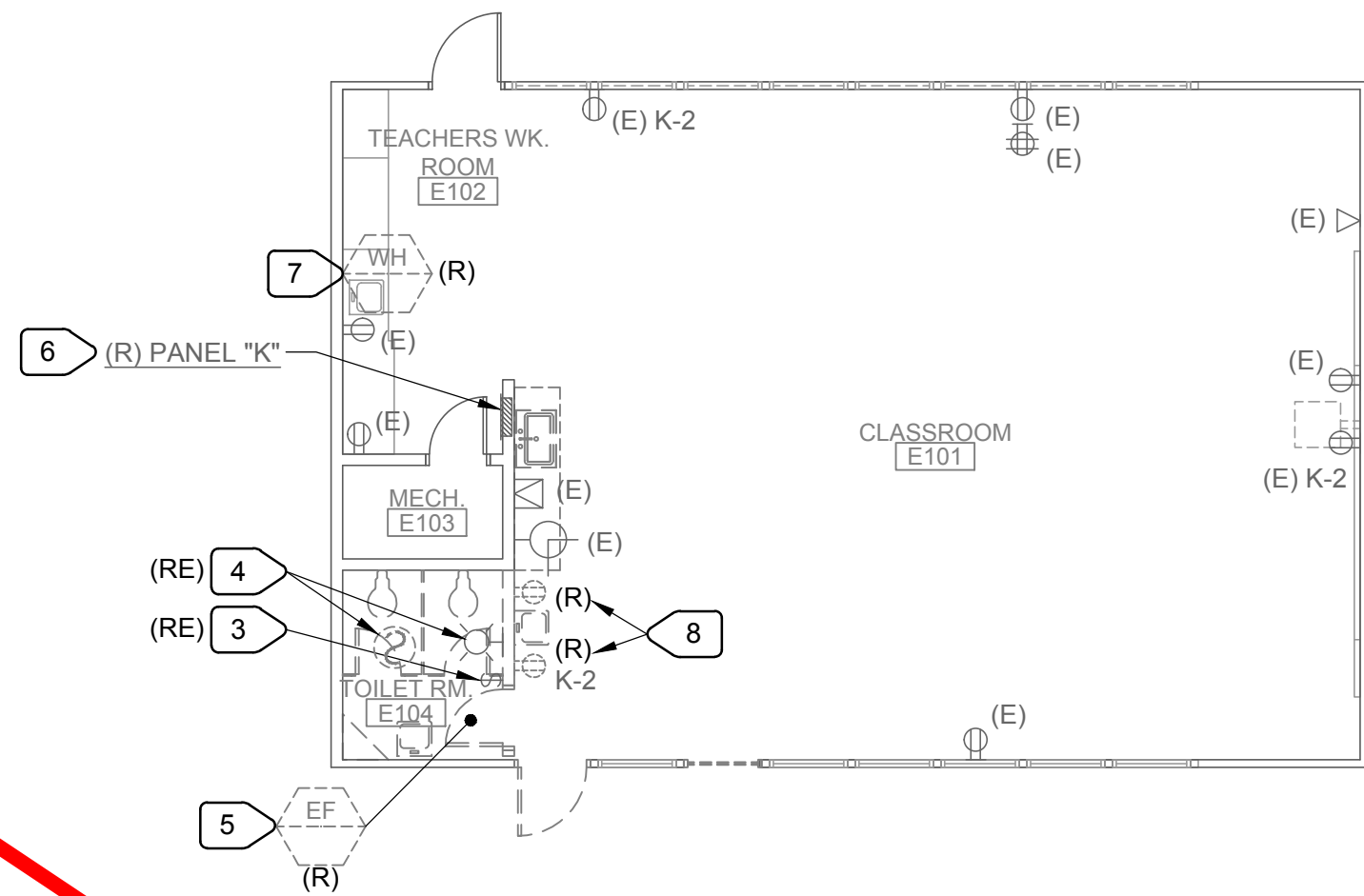
SCOPE.

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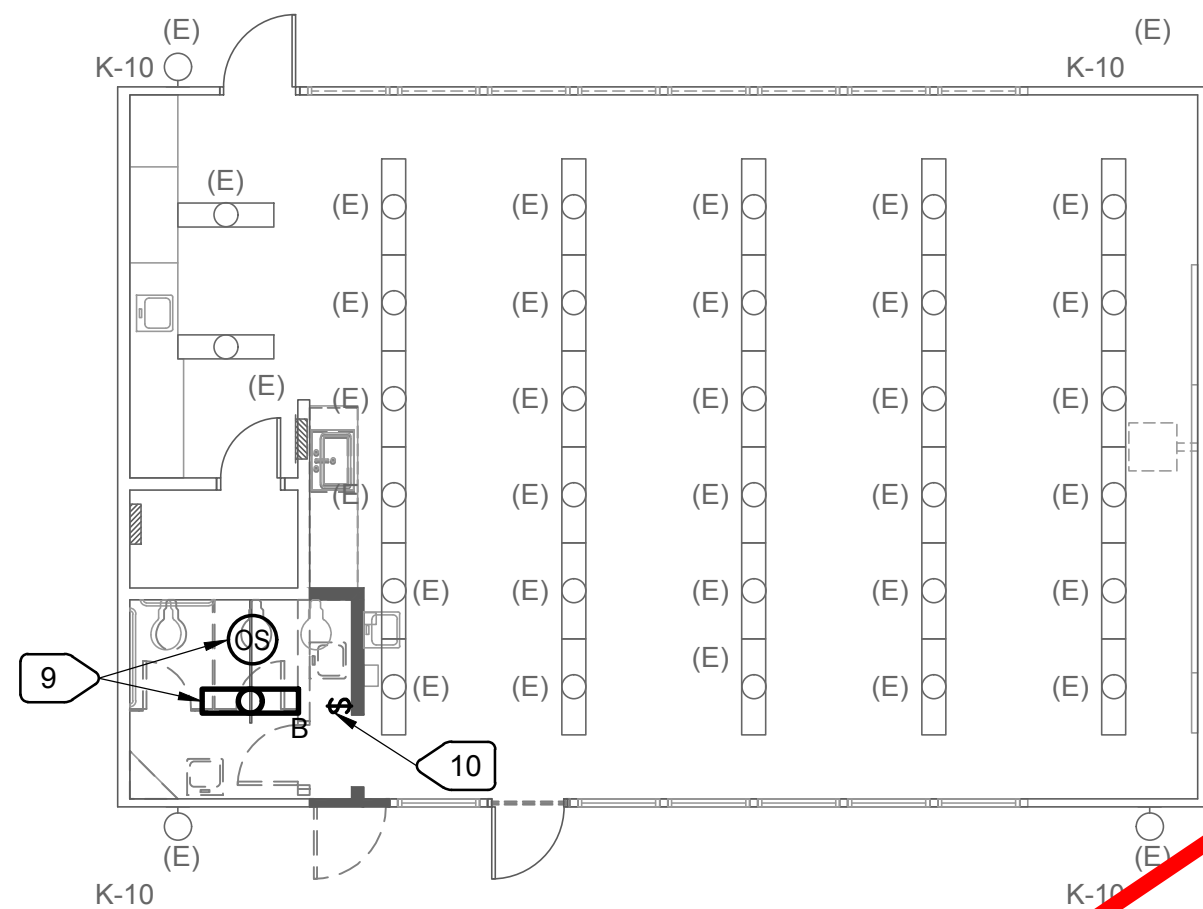




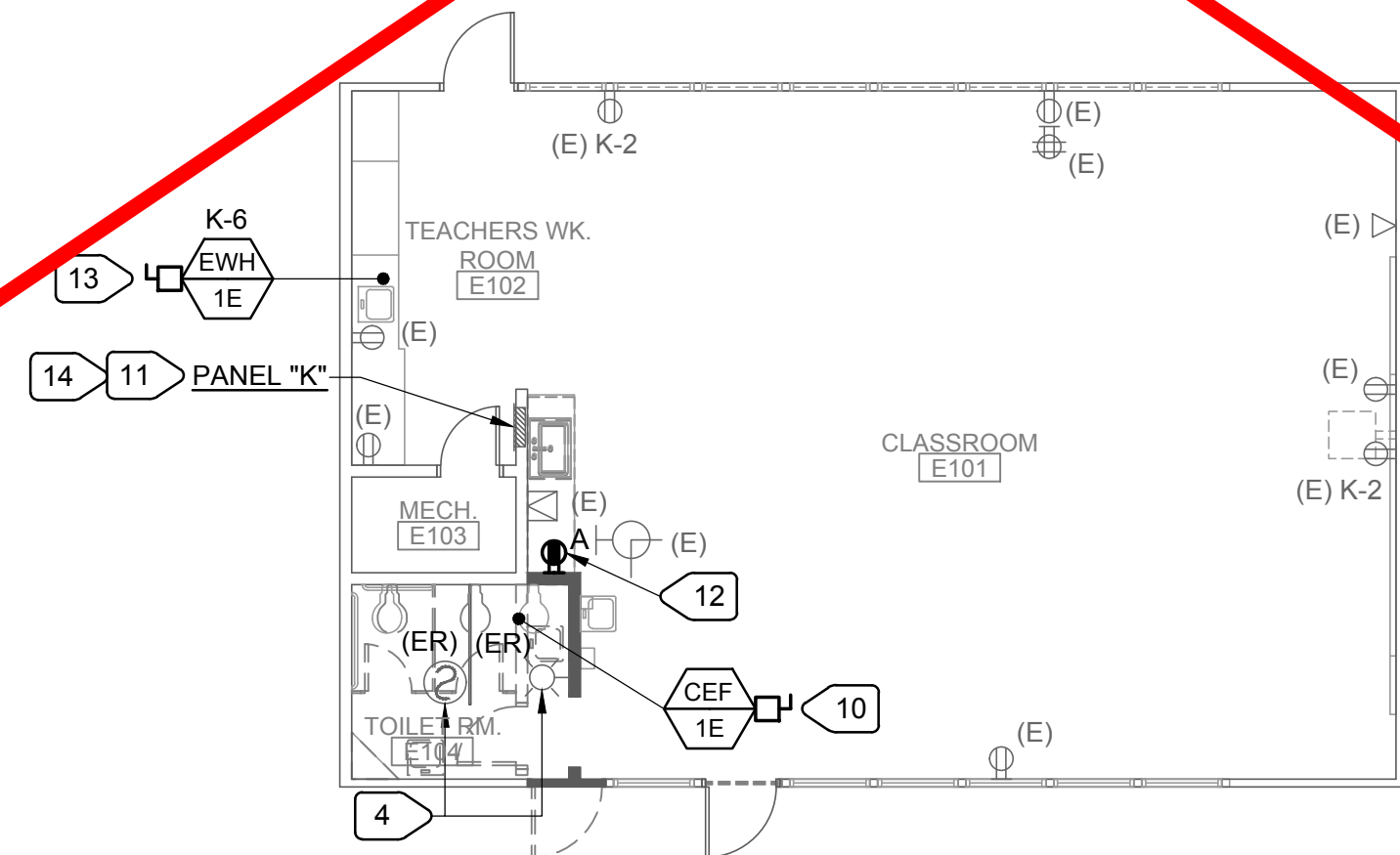
1 DEMOLITION PLAN - LIGHTING - BUILDING E  
E2.1.E SCALE : 1/8" = 1'-0"



2 DEMOLITION PLAN - ELECTRICAL - BUILDING E  
E2.1.E SCALE : 1/8" = 1'-0"



1 REMODEL PLAN - LIGHTING - BUILDING E  
E2.2.E SCALE : 1/8" = 1'-0"

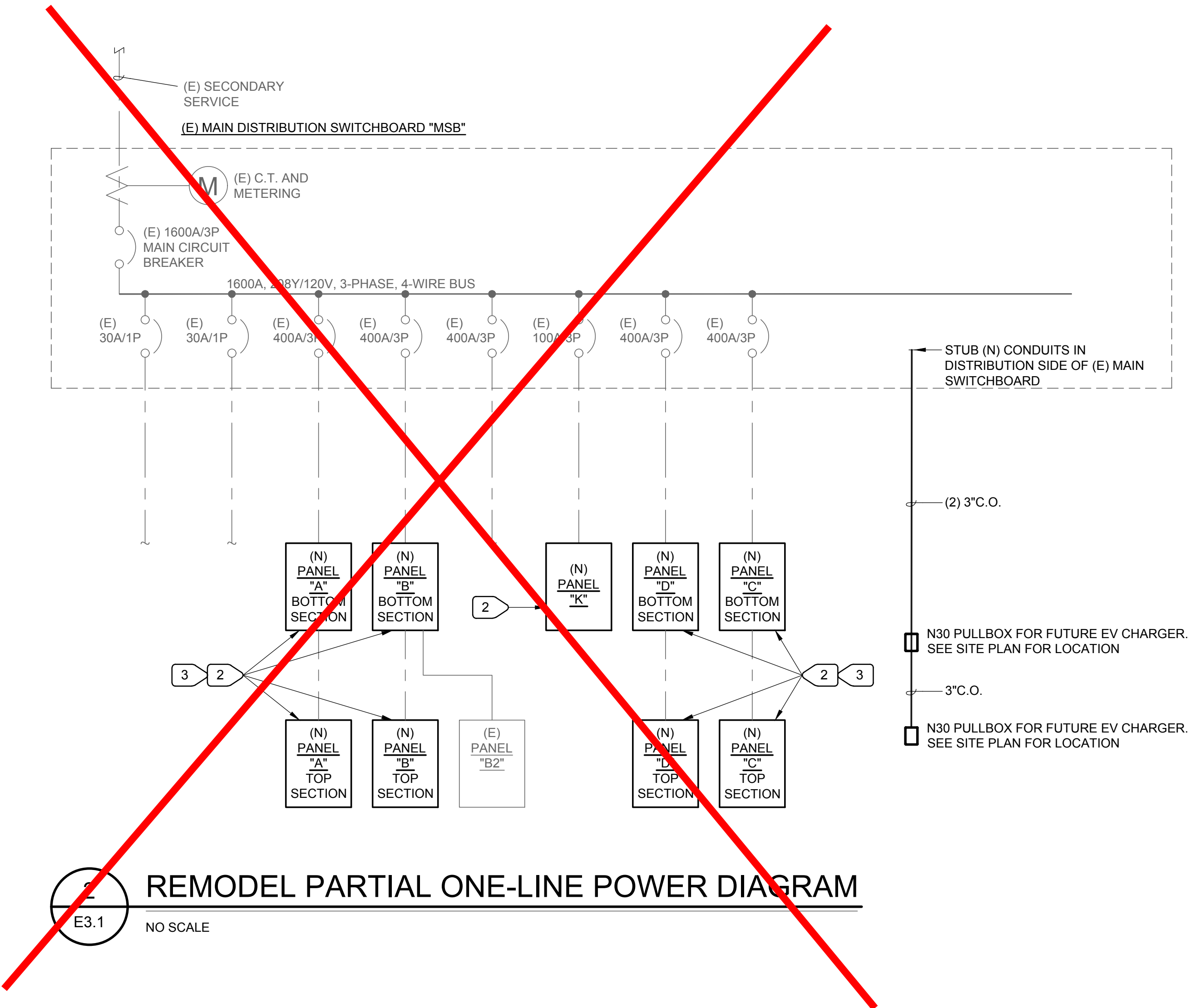
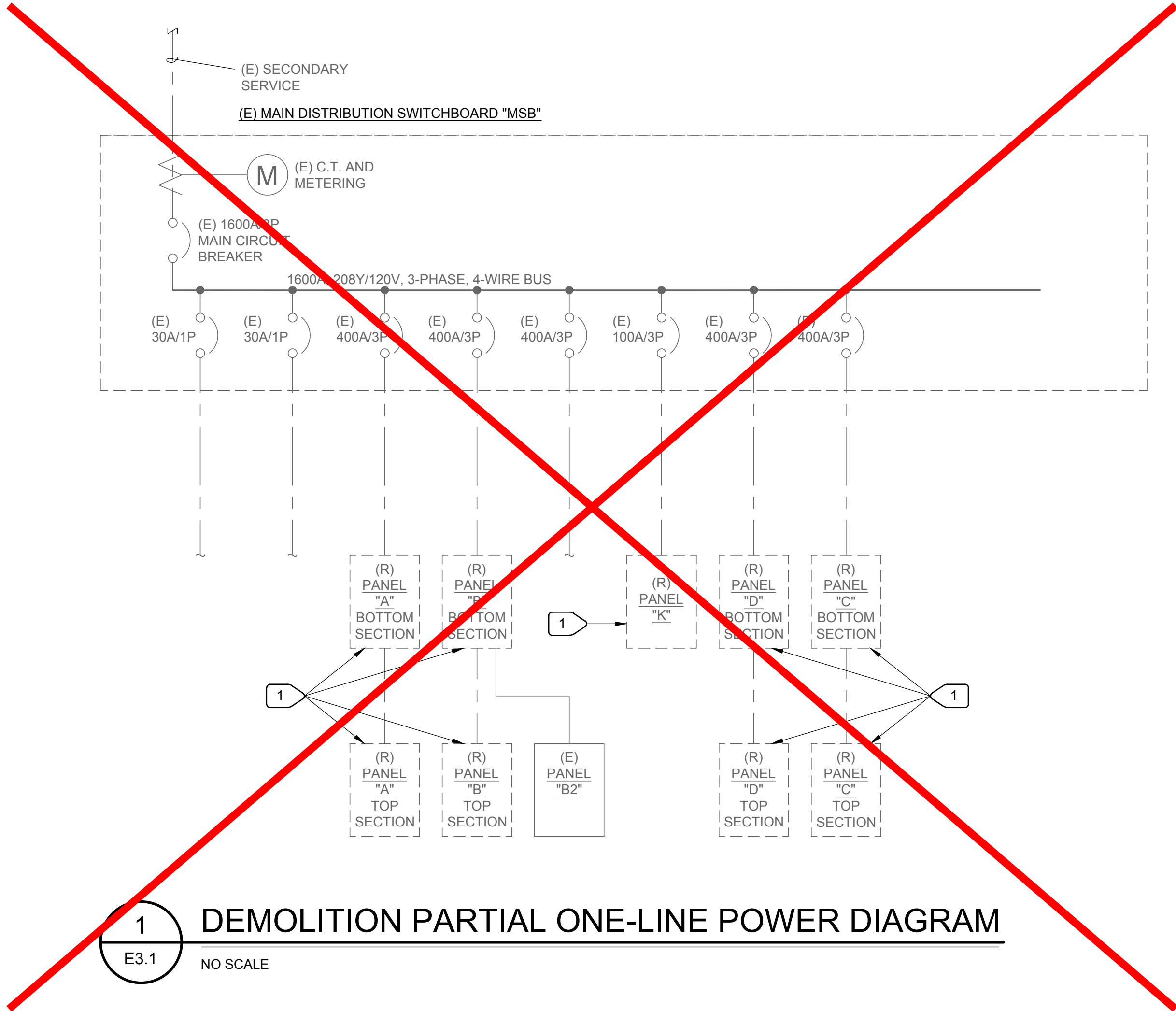


2 REMODEL PLAN - ELECTRICAL - BUILDING E  
E2.2.E SCALE : 1/8" = 1'-0"

- ### NUMBERED NOTES
- 1 REMOVE EXISTING LIGHT FIXTURE. EXISTING CIRCUITRY TO BE REUSED FOR NEW FIXTURES IN AREA. REFER TO REMODEL PLANS.
  - 2 REMOVE EXISTING LIGHT SWITCHES AND OCCUPANCY SENSOR. REFER TO REMODEL PLANS FOR NEW SWITCH.
  - 3 EXISTING SQUARE D MANUAL TOGGLE SWITCH. REMOVE AND REINSTALL TO ACCOMMODATE NEW ARCHITECTURAL WALL WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
  - 4 EXISTING FIRE ALARM DEVICE. REMOVE AND REINSTALL TO ACCOMMODATE NEW ARCHITECTURAL WALL WORK. MAINTAIN ALL CONNECTIONS AND OPERABILITY. EXTEND EXISTING CIRCUITRY AS REQUIRED.
  - 5 EXISTING EXHAUST FAN. DISCONNECT AND REMOVE WIRING TO SOURCE. COORDINATE WITH MECHANICAL.
  - 6 EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
  - 7 DISCONNECT (E) WATER HEATER. REMOVE WIRING BACK TO PANEL "K".
  - 8 REMOVE (E) RECEPTACLE. REMOVE CONDUIT TO EXTENT OF WALL DEMOLITION. PROTECT WIRING TO ADD (N) RECEPTACLE.
  - 9 REVISE (E) LIGHTING CIRCUIT TO CONNECT (N) FIXTURE. PROVIDE LINE VOLTAGE, DUAL TECHNOLOGY OCC. SENSOR.
  - 10 CONNECT (N) EXHAUST FAN INTO LIGHTING CIRCUIT SUCH THAT FAN TURN ON WITH LIGHT IN THE RESTROOM. PROVIDE (N) SWITCH. (N) SWITCH SHALL HAVE DUAL OFF FUNCTION - LIGHT IMMEDIATE OFF, FAN 15MIN. DELAY OFF.
  - 11 NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY.
  - 12 (N) RECEPTACLE, CONNECT TO (E) POWER CIRCUIT, SEE NOTE 8.
  - 13 CONNECT (N) WATER HEATER TO (N) PANEL "K". COORDINATE W/ MECHANICAL CONTRACTOR BEFORE ROUGH-IN.
  - 14 DISCONNECT (E) EXTERIOR LIGHTING CIRCUIT FROM (E) LIGHTING CONTROL AND RECONNECT TO RUN THROUGH (N) EMS "PELICAN" SYSTEM RELAY PROVIDED BY MECHANICAL.

**NOTE:**  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
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- NUMBERED NOTES
- EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
  - NEW SQUARE D PANEL. MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY. REFER TO PANEL SCHEDULE.
  - ELECTRICAL CONTRACTOR SHALL ENSURE THAT (N) PANELS ARE OF SIMILAR DIMENSIONS AS EXISTING REMOVED PANELS. ELECTRICAL CONTRACTOR SHALL WORK WITH SUPPLIER TO PROVIDE SIMILAR SIZE OF (N) PANELS BEFORE ORDERING (N) PANELS.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

**HENRY+  
ASSOCIATES  
ARCHITECTS**

REGISTERED ARCHITECT  
STEPHEN J. BASTIAN  
C-22525  
12/31/23  
RENEWAL  
DATE  
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
  
PARTIAL ONE-LINE  
POWER DIAGRAMS

CONSULTANT  

REGISTERED PROFESSIONAL ENGINEER  
JESSE U. BASTIAN  
No. E20229  
Exp. 03-31-23  
ELECTRICAL  
STATE OF CALIFORNIA  
01/04/2023

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E3.1



NEW PANEL "C" BOTTOM SECTION SCHEDULE									
POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB"					LOCATION: UNIT "C", MECHANICAL "C111"				
TYPE:	BUS: 225A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: SURFACE		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) AC-1		40/3	1	A	2	20/1		(E) RECEPTACLE	
			3	B	4	20/2		(E) WATER HEATER	
			5	C	6				
(E) AC-2		40/3	7	A	8	40/3		(E) AC-4	
			9	B	10				
			11	C	12				
(E) AC-3		50/3	13	A	14	40/3		(E) AC-5	
			15	B	16				
			17	C	18				
(E) SUB PANEL 'C'		125/3	19	A	20	30/1		(E) SANYO DUCTLESS UNIT	
			21	B	22	30/1		(N) IRRIGATION CONTROLLER	
			23	C	24			SPACE	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

NEW PANEL "B" BOTTOM SECTION SCHEDULE									
POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB"					LOCATION: UNIT "B", MECHANICAL "B111"				
TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: SURFACE		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) AC-B1		40/3	1	A	2	40/3		(E) AC-4	
			3	B	4				
			5	C	6				
(E) AC-B2		40/3	7	A	8	100/3		(E) SUB PANEL 'B2'	
			9	B	10				
			11	C	12				
(E) AC-B3		50/3	13	A	14	40/3		(E) AC-5	
			15	B	16				
			17	C	18				
(E) SUB PANEL 'B'		125/3	19	A	20	20/1		(E) RECEPTACLE	
			21	B	22	30/1		(E) FUJITSU	
			23	C	24			SPACE	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

NEW PANEL "A" BOTTOM SECTION SCHEDULE									
POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB"					LOCATION: UNIT "A", MECHANICAL "A111"				
TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: SURFACE		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) AC-1		40/3	1	A	2	20/1		(E) RECEPTACLE	
			3	B	4	20/2		(E) WATER HEATER	
			5	C	6				
(E) AC-2		40/3	7	A	8	40/3		(E) AC-4	
			9	B	10				
			11	C	12				
(E) AC-3		50/3	13	A	14	40/3		(E) AC-5	
			15	B	16				
			17	C	18				
(E) SUB PANEL		125/3	19	A	20	30/1		(E) SANYO DUCTLESS UNIT	
			21	B	22	30/1		SPACE	
			23	C	24			(E) SPACE	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

NOTE: REFER TO 6/E4.1 FOR PANELS INSTALLATION AND MAXIMUM WEIGHT

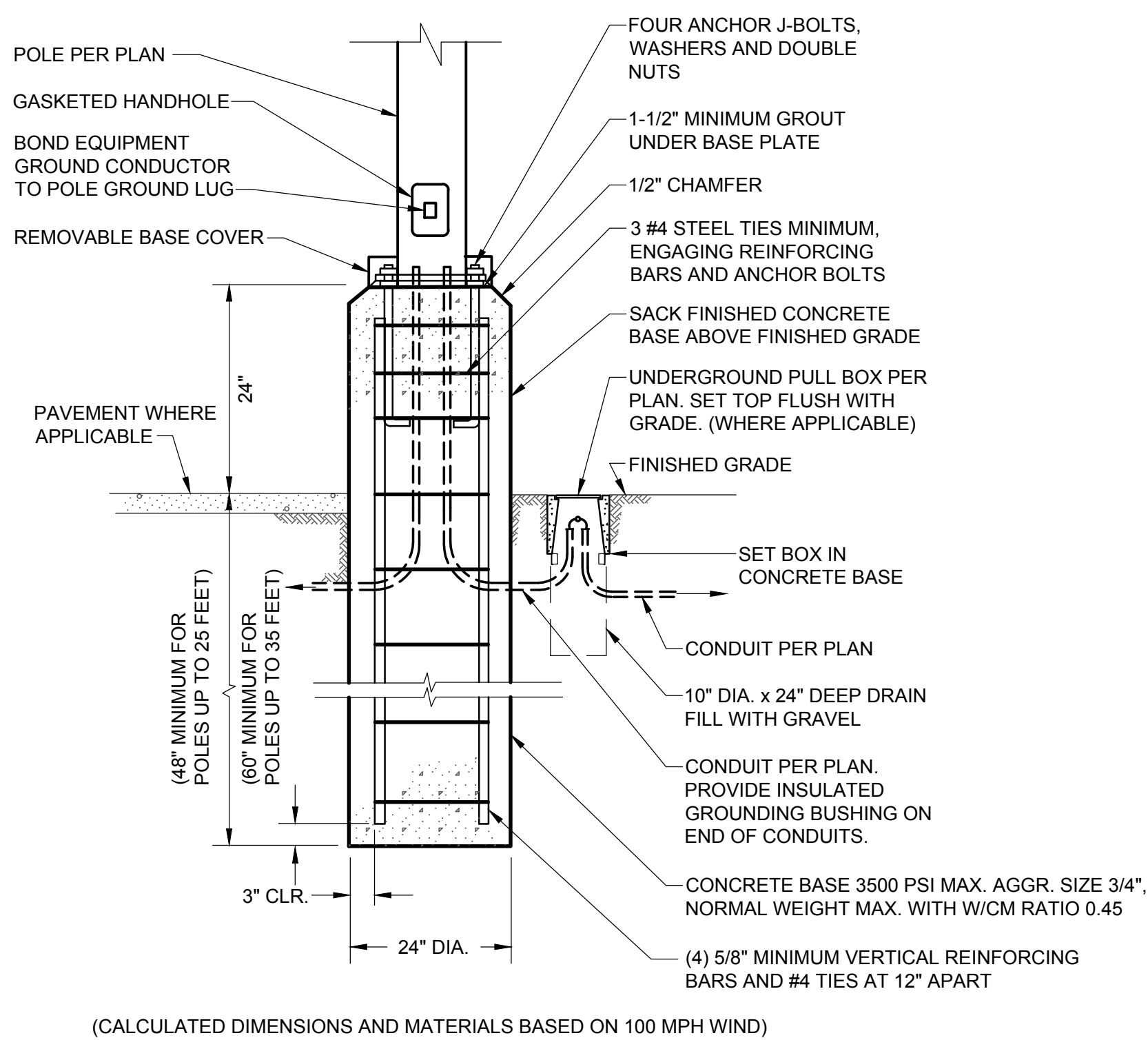
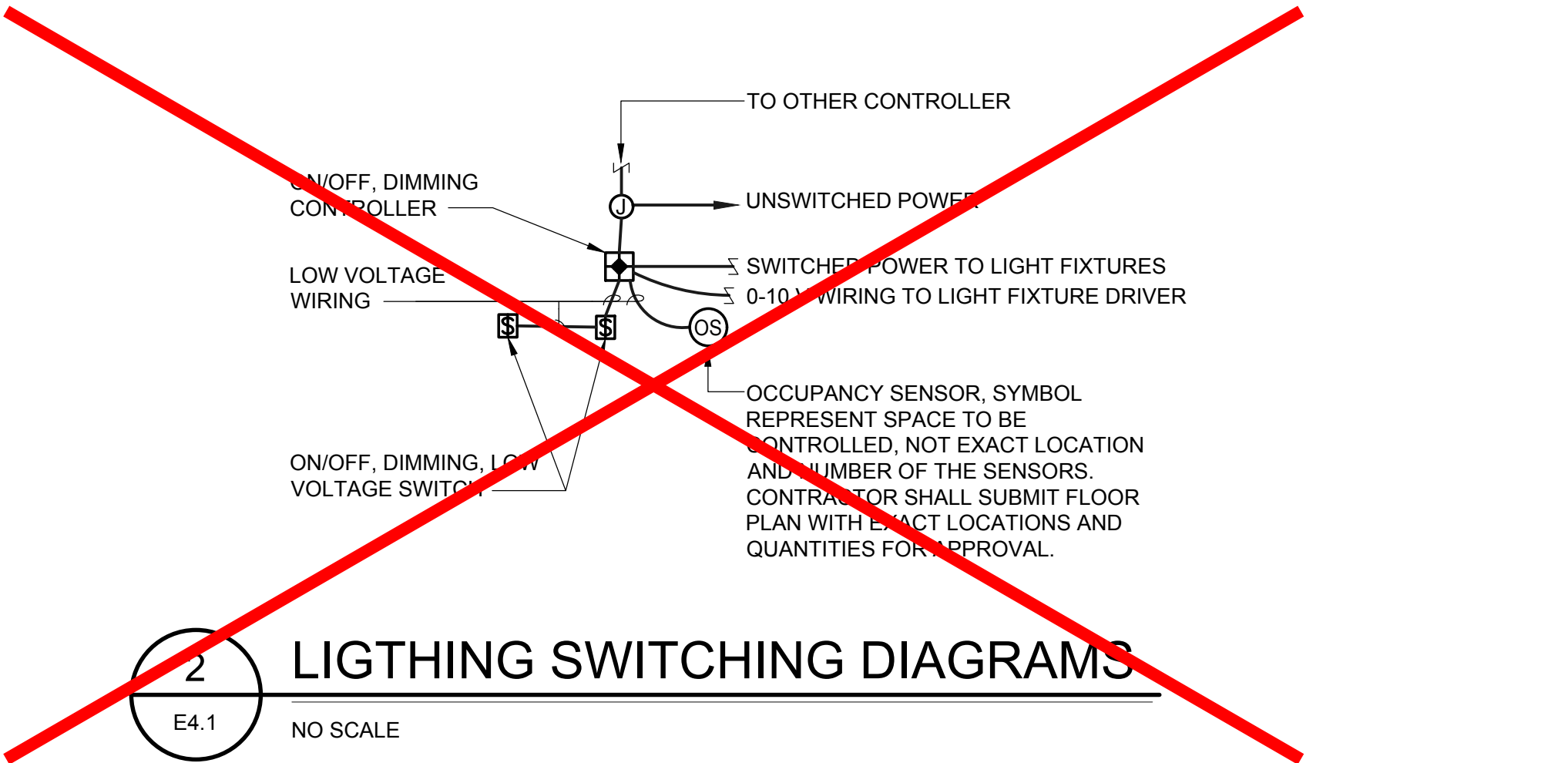
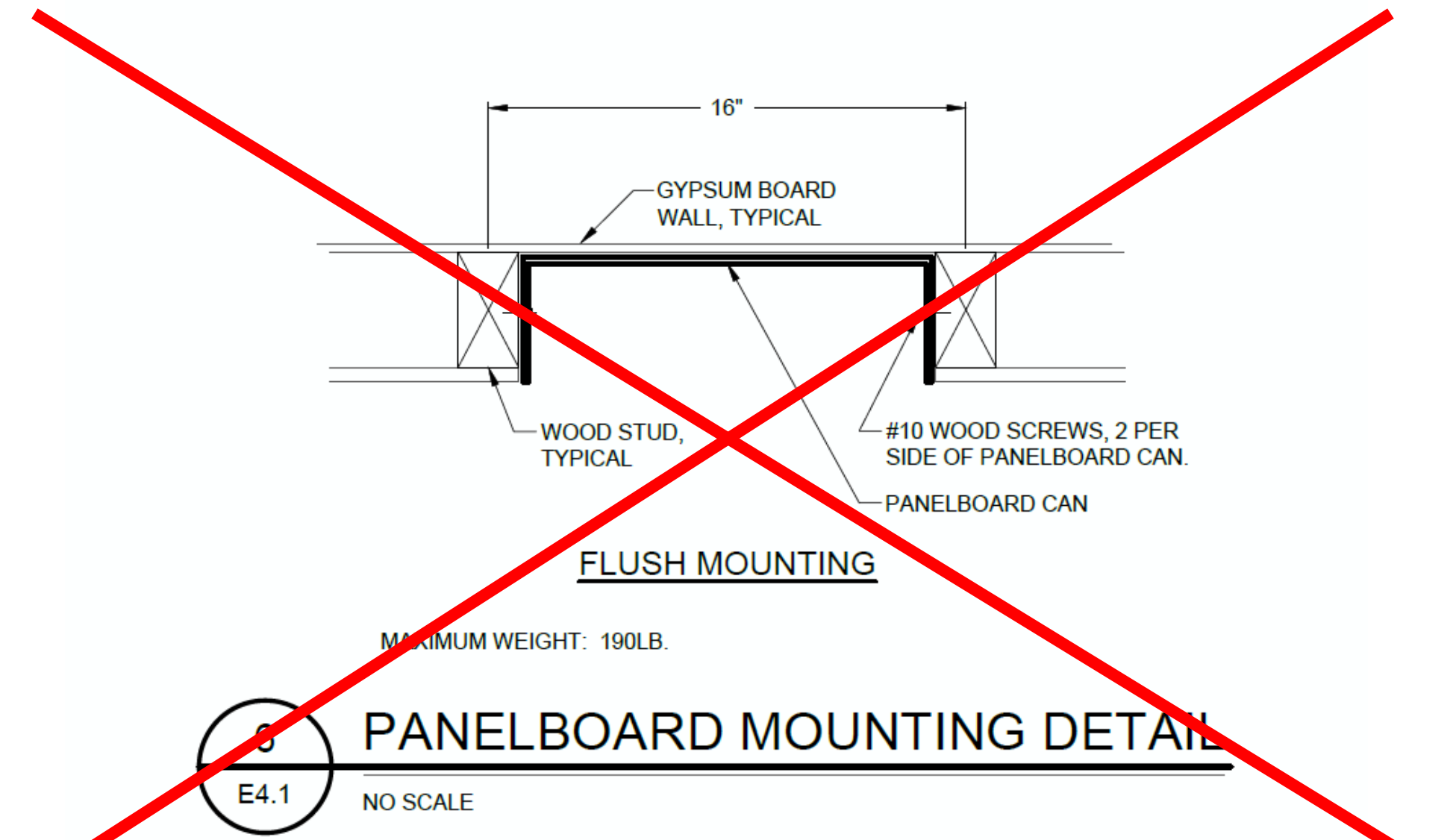
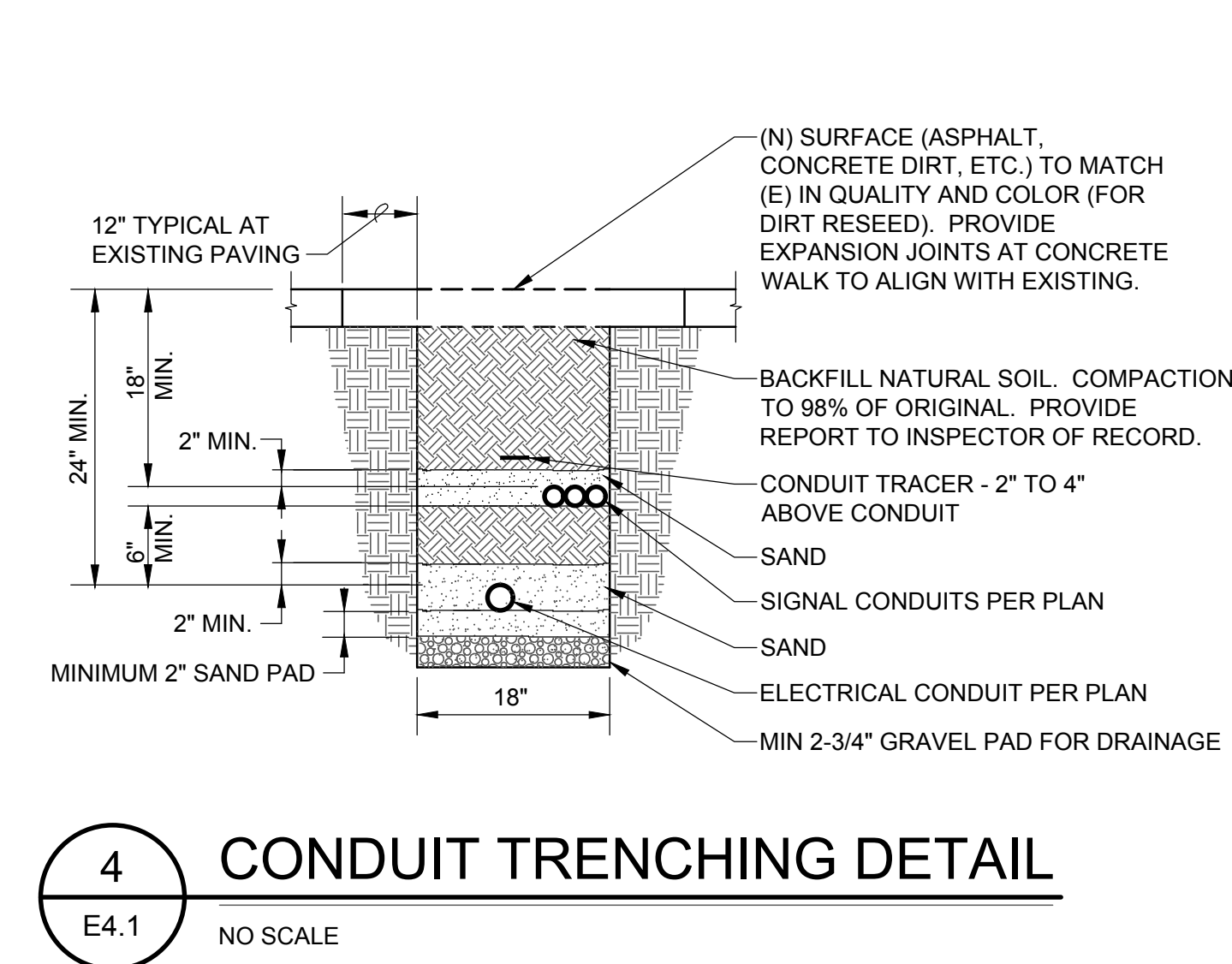
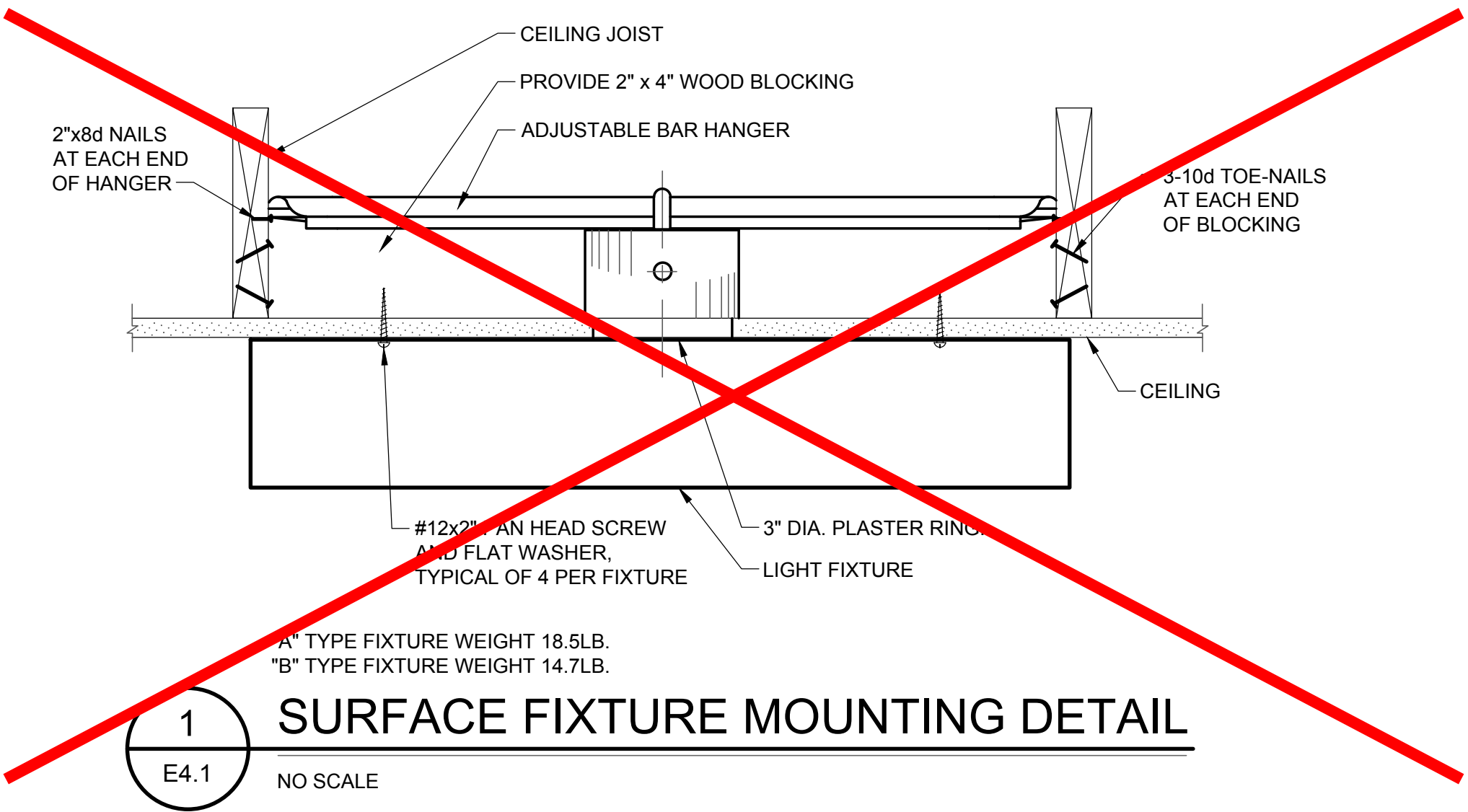
NEW PANEL "A" TOP SECTION SCHEDULE									
POWER SOURCE: DISTRIBUTION PANEL "A" BOTTOM SECTION					LOCATION: UNIT "A", TEACHERS "A106"				
TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: RECESSED		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) LIGHTS ROOM 14		20/1	1	A	2	20/1		(E) LIGHTS ROOM 11	
(E) LIGHTS ROOM 14		20/1	3	B	4	20/1		(E) LIGHTS ROOM 13	
(E) LIGHTS ROOM 15		20/1	5	C	6	20/1		(E) LIGHTS ROOM 16	
(E) LIGHTS ROOM 15		20/1	7	A	8	20/1		(E) LIGHTS ROOM 16	
(E) LIGHTS ROOM 19		20/1	9	B	10	20/1		(E) LIGHTS TEACHER'S EQUIP	
(E) LIGHTS ROOM 19		20/1	11	C	12	20/1		(E) RECEPT ROOMS 3.5,HALL	
(E) LIGHTS ROOM 19		20/1	13	A	14	20/1		(E) RECEPT ROOMS 3.4	
(E) RECEPT ROOMS 13,14		20/1	15	B	16	20/1		(E) RECEPT ROOM 11	
(E) RECEPT ROOMS 13,14		20/1	17	C	18	20/1		(E) RESTROOMS	
(E) RECEPT ROOMS 13,14		20/1	19	A	20	20/1		(E) SPARE	
(E) NIGHT LIGHTS		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS	
(E) HEATING & COOLING CONT		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM	
(E) KILN		50/2	25	A	26	20/1		(E) RECEPT IDF	
			27	B	28	20/1		SPACE	
(N) REC. FOR PELICAN SYST.		20/1	29	C	30	20/1		(E) FIRE ALARM PANEL (2) (3)	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD 2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT". 3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

NEW PANEL "B" TOP SECTION SCHEDULE									
POWER SOURCE: DISTRIBUTION PANEL "B" BOTTOM SECTION					LOCATION: UNIT "B", TEACHERS WORK RM. "B106"				
TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: RECESSED		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) LIGHTS ROOM 5		20/1	1	A	2	20/1		(E) LIGHTS ROOM 4	
(E) LIGHTS ROOM 5		20/1	3	B	4	20/1		(E) LIGHTS ROOM 7	
(E) LIGHTS ROOM 10		20/1	5	C	6	20/1		(E) LIGHTS ROOM 9	
(E) LIGHTS ROOM 10		20/1	7	A	8	20/1		(E) LIGHTS ROOM 9	
(E) LIGHTS ROOM 3		20/1	9	B	10	20/1		(E) LTS TCHR'S EQUIP, RSTRM	
(E) LIGHTS ROOM 3		20/1	11	C	12	20/1		(E) RECEPT ROOMS 3.5,HALL	
(E) LIGHTS ROOM 3		20/1	13	A	14	20/1		(E) RECEPT ROOMS 3.4	
(E) RECEPT EAST WALL RM 9		20/1	15	B	16	20/1		(E) RECEPT ROOM 4.5,7,8	
(E) RECEPT SOUTH ROOMS 9,11		20/1	17	C	18	20/1		(E) TEACHERS	
(E) RECEPT ROOMS 10		20/1	19	A	20	20/1		(E) HALL RESTROOMS	
(E) NIGHT LIGHTS		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS	
(E) HEATING AND COOLING CO		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM	
(E) WATER HEATER		20/2	25	A	26	20/1		SPACE	
			27	B	28	20/1		SPACE	
(N) REC. FOR PELICAN SYST.		20/1	29	C	30	20/1		SPACE	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

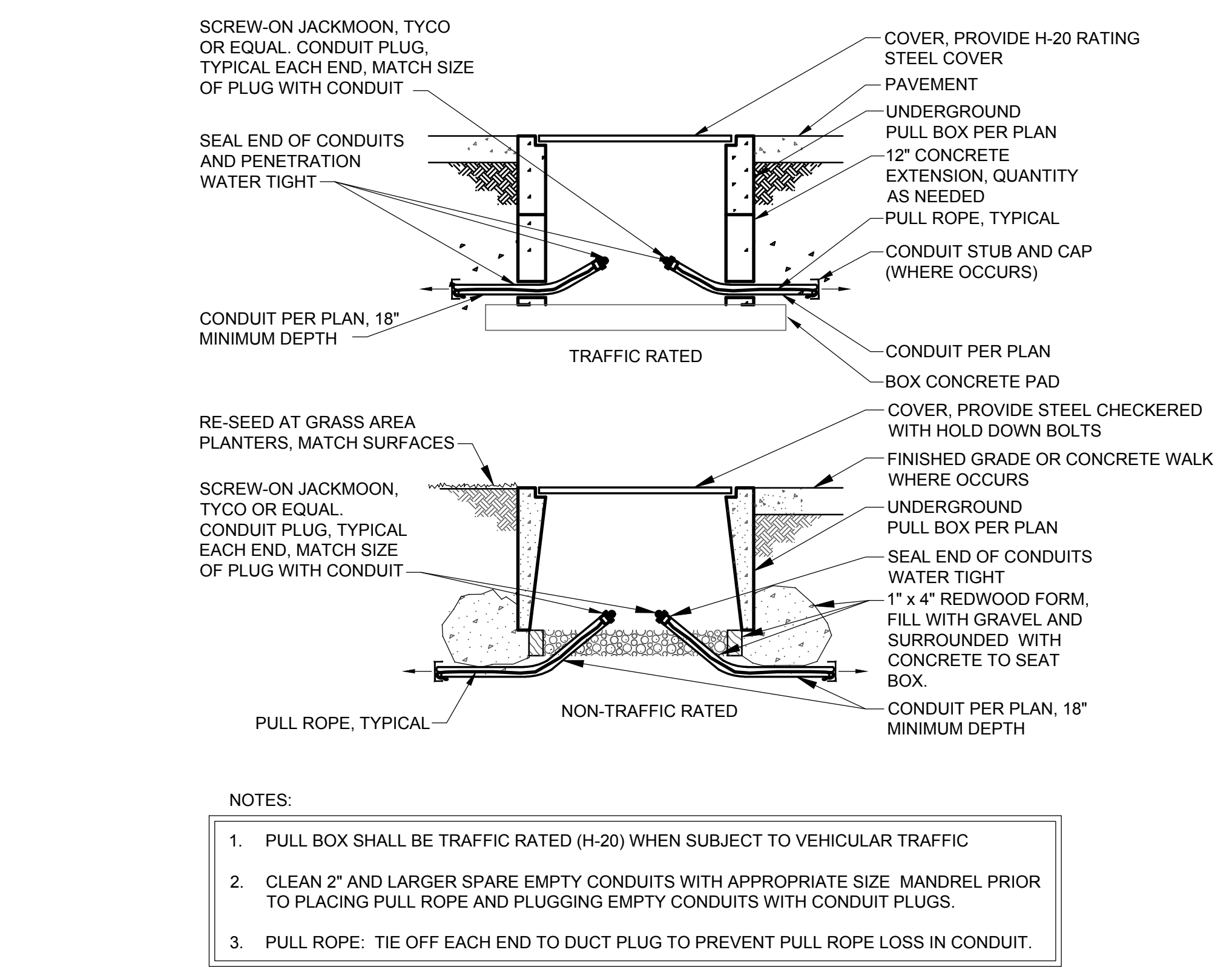
NEW PANEL "C" TOP SECTION SCHEDULE									
POWER SOURCE: DISTRIBUTION PANEL "C" BOTTOM SECTION					LOCATION: UNIT "C", TEACHERS WORK RM. "C106"				
TYPE:	BUS: 125A	MAIN BKR 125A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: RECESSED		REMARKS: MATCH AIC RATING OF REMOVED PANEL	
LOAD SERVED	kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) LIGHTS ROOM 5		20/1	1	A	2	20/1		(E) LIGHTS ROOM 4	
(E) LIGHTS ROOM 5		20/1	3	B	4	20/1		(E) LIGHTS ROOM 4	
(E) LIGHTS ROOM 2		20/1	5	C	6	20/1		(E) LIGHTS ROOM 5	
(E) LIGHTS ROOM 2		20/1	7	A	8	20/1		(E) LIGHTS ROOM 1	
(E) LIGHTS ROOM 3		20/1	9	B	10	20/1		(E) LTS TCHR'S EQUIP, RSTRM	
(E) LIGHTS ROOM 3		20/1	11	C	12	20/1		(E) RECEPT ROOMS 3.4,5,HALL	
(E) LIGHTS ROOM 3		20/1	13	A	14	20/1		(E) RECEPT ROOMS 3.4	
(E) RECEPT COMPUTER 17A		20/1	15	B	16	20/1		(E) RECEPT ROOMS 4,5	
(E) RECEPT ROOMS 17		20/1	17	C	18	20/1		SPACE	
(E) RECEPT ROOM 6		20/1	19	A	20	20/1		SPACE	
(E) RECEPT ROOMS 17		20/1	21	B	22	20/1		(E) EXHAUST FAN - RESTRMS	
(E) NIGHT LIGHTS		20/1	23	C	24	20/1		(E) EXHAUST FAN - TCHR RM	
(E) HEATING AND COOLING CC		20/1	25	A	26	20/1		(E) RECEPT IDF	
(N) REC. FOR PELICAN SYST.		20/1	27	B	28	20/1		(E) RECEPT	
SPACE		20/1	29	C	30	20/1		(E) FIRE ALARM PANEL (2) (3)	
NOTE(S) 1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD 2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT". 3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.							PHASE A=	0.0	kVA
							PHASE B=	0.0	kVA
							PHASE C=	0.0	kVA
							TOTAL =	0.0	kVA
							TOTAL =	0.0	Amperes

NEW PANEL "D" BOTTOM SECTION SCHEDULE										
POWER SOURCE: (E) MAIN DISTRIBUTION SWITCHBOARD "MSB"					LOCATION: UNIT "D", MECHANICAL "D117"					
TYPE:	BUS: 400A	MAIN BKR 400A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: SURFACE		REMARKS: MATCH AIC RATING OF REMOVED PANEL		
LOAD SERVED		kVA	CB	CKT	PHASE	CKT	CB	kVA	LOAD SERVED	
(E) AC-D1			40/3	1	A	2	20/1		(E) AC-D2	
				3	B	4	20/2			
				5	C	6				
				7	A	8				
(E) AC-D3			40/3	9	B	10	40/3		(E) AC-D4	
				11	C	12				
				13	A	14				
(E) AC-D5			50/3	15	B	16	40/3		(E) AC-D6	
				17	C	18				
				19	A	20				
(E) RCPTS-ROOF			125/3	21	B	22	PFB		(E) AC-D7	
(E) CEF/D1, D2, D6				23	C	24		PFB		
(E) FIRE/SMOKEDAMPERS (2) (3)				25	A	26				
(E) MAIN FAC2 (2) (3)				27	B	28			SPACE	
SPACE				29	C	30			SPACE	
NOTE(S)										
1. (E) DENOTES NEW C.B. FEEDING EXISTING LOAD.							PHASE A = 0.0 kVA			
2. ENSURE THAT NO OTHER EQUIPMENT EXCEPT FIRE ALARM EQUIPMENT IS CONNECTED TO THIS CIRCUIT. PROVIDE RED HANDLE AND LOCKING DEVICE AT CIRCUIT BREAKER. IDENTIFY AS "FIRE ALARM CIRCUIT".							PHASE B = 0.0 kVA			
							PHASE C = 0.0 kVA			
3. LOCATION OF CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT FIRE ALARM CONTROL UNIT.							TOTAL = 0.0 kVA			
							TOTAL = 0.0 Amperes			







NOTE:  
EXCEPT FOR ANY SITE  
RELATED WORK SCOPE, THE  
WORK SCOPE SHOWN ON  
THIS SHEET IS NOT A PART  
OF THE CURRENT PROJECT  
SCOPE.




IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

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Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

**HENRY+**  
ASSOCIATES  
ARCHITECTS



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
ELECTRICAL DETAILS

CONSULTANT  
  
01/04/2023

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE 3/28/2022		
DRAWN MNE		
CHECKED SKL		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		
SHEET NO.		

E4.1



GENERAL NOTES:

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR 10. SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.



CIVIL ABBREVIATIONS AND LEGEND

ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.	
AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GB	GRADE BREAK
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UCN	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND	
NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.	
PROPOSED GRADING & DRAINAGE SYMBOLS:	
	STORM DRAIN LINE (SIZE AND FLOW SHOWN)
	STORM DRAIN MANHOLE (SDMH)
	CATCH BASIN (CB)
	DROP INLET (DI)
	AREA DRAIN (AD)
	PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
	STORM DRAIN CLEANOUT
	ELEVATION
	FF=100.00 FINISHED FLOOR ELEVATION
	PAD=99.33 BUILDING PAD ELEVATION
	CONCRETE SIDEWALK
	GRADED DIRECTION FOR DRAINAGE FLOW
	SWALE
	SLOPE
	TREE TO BE REMOVED

CIVIL SHEET INDEX

C0.1	CIVIL COVER SHEET
C0.2	PARTIAL TOPOGRAPHIC SURVEY
C0.3	PARTIAL TOPOGRAPHIC SURVEY
C1.1	PARTIAL CIVIL DEMOLITION PLAN
C1.2	PARTIAL CIVIL DEMOLITION PLAN
C2.1	PARTIAL GRADING PLAN
C2.2	PARTIAL GRADING PLAN
C3.1	PARTIAL UTILITY PLAN
C3.2	PARTIAL UTILITY PLAN
C4.1	PARTIAL PAVING PLAN
C4.2	PARTIAL PAVING PLAN
C4.3	STRIPING AND SIGNAGE PLAN
C4.4	STRIPING AND SIGNAGE PLAN AND DETAILS
C5.1	DETAILS
C5.2	DETAILS AND SECTIONS
C6.1	EROSION CONTROL PLAN
C-1	COVER SHEET - OFF-SITE IMPROVEMENTS
C-2	GENERAL NOTES - OFF-SITE IMPROVEMENTS
C-3	IMPROVEMENT PLAN - OFF-SITE IMPROVEMENTS

UTILITY VERIFICATION NOTE  
PRIOR TO THE START OF CONSTRUCTION, LOCATE AND POT HOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.



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APP: 02-120455 INC:  
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SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

CIVIL COVER SHEET

CONSULTANT

**WCE**  
WARREN CONSULTING ENGINEERS, INC.  
1117 WINDFIELD WAY, SUITE 110  
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PROJECT NO.	REVISIONS	BY
21-32-52		
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DRAWN		
ML/MG		
CHECKED		
MG		
SCALE		
AS NOTED		
CAD FILE		
UPDATED		
11/17/2022		

SHEET NO.

C0.1



# EXISTING UTILITIES

- 12"SD - STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- 12"SD - STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD - STORM DRAIN LINE (UNDERGROUND LOCATING)
- 12"SD - STORM DRAIN MANHOLE
- 12"SD - STORM DRAIN CLEANOUT
- 12"SD - DROP INLET
- 12"SD - AREA DRAIN
- 12"SD - RAIN WATER LEADER
- 12"SD - DOWNSPOUT
- 12"SS - SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- 12"SS - SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS - SANITARY SEWER LINE (UNDERGROUND LOCATING)
- 12"SS - SANITARY SEWER MANHOLE
- 12"SS - SANITARY SEWER CLEANOUT
- W - WATER LINE (SIZE INDICATED)
- W - WATER LINE RECORD INFORMATION
- W - WATER LINE UNDERGROUND LOCATING
- W - WATER MANHOLE
- W - WATER VALVE
- W - WATER METER
- W - WATER BOX
- W - IRRIGATION CONTROL VALVE
- W - FIRE HYDRANT
- W - BACKFLOW PREVENTER
- W - SPRINKLER
- W - HOSE BIBB
- OH-E - OVERHEAD ELECTRIC LINE
- E - UNDERGROUND ELECTRIC LINE
- E - UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- E - UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- E - ELECTRIC MANHOLE
- E - UTILITY POLE (WITH GUY WIRE)
- E - ELECTRIC METER
- E - ELECTRIC BOX
- E - STREET LIGHTING BOX
- OR - LIGHT STANDARD
- OR - SIGNAL LIGHT
- OR - FLOOD LIGHT
- OR - ELECTRICAL OUTLET
- G - GAS LINE (SIZE INDICATED)
- G - GAS LINE RECORD INFORMATION
- G - GAS LINE UNDERGROUND LOCATING
- G - GAS MANHOLE
- G - GAS VALVE
- G - GAS METER
- T - TELEPHONE LINE
- T - TELEPHONE LINE (RECORD INFORMATION)
- T - TELEPHONE LINE (UNDERGROUND LOCATING)
- SD - STORM DRAIN BOX
- SS - TRAFFIC SIGNAL BOX

## EXISTING TOPOGRAPHY

- PROPERTY LINE
- CENTERLINE
- EASEMENT
- PROPERTY CORNER FOUND AS NOTED
- PROPERTY CORNER NOTHING FOUND OR SET
- TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- SWALE OR DRAINAGE FLOW
- DRAINAGE FLOW
- FENCE (TYPE NOTED)
- TREE (SIZE/TYPE INDICATED)
- SLOPE
- CONTOUR
- CONCRETE SURFACE
- EDGE OF ASPHALT
- EDGE OF BUILDING
- SIGN
- POST OR DOLLARD
- GROUND ELEVATION
- HARD SURFACE ELEVATION

## ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

- ?? UNKNOWN
- ACC ASPHALTIC CONCRETE
- ACU AIR CONDITIONING UNIT
- AD AREA DRAIN
- APP APPROPRIATE PARCEL NUMBER
- APP APPROPRIATE
- DBALL BASKETBALL POLE
- DCM BRASS CAP MONUMENT
- DFP BACK FLOW PREVENTER
- BLK BLOCK
- BLDG BUILDING
- BOL BOLLARD
- BOV BLOW-OFF VALVE
- BRG BRICK
- DWF BARBED WIRE FENCE
- C COMMUNICATION
- C/L CENTERLINE
- CAB CABINET
- CB COMMUNICATIONS BOX
- CIP CAPTED IRON PIPE
- CL CLASS
- CL F CHAIN LINK FENCE
- CO CORRUGATED METAL PIPE
- COL COLUMN
- CONC CONCRETE
- COND CONDENSATE
- CONST CONSTRUCT
- CPT CONTROL POINT FOUND
- CPS CONTROL POINT SET
- CS CONCRETE SURFACE
- DD DEPTH
- DD DOUBLE DETECTOR CHECK VALVE
- DF DRINKING FOUNTAIN
- DG DECOMPOSED GRANITE
- DI DROP INLET
- DIA DIAMETER
- DRWY DRIVEWAY
- DS DOWNSPOUT
- DWG DRAWING
- E ELECTRIC
- EP EDGE OF PAVEMENT
- ESMT EASEMENT
- EV ELECTRICAL VAULT
- FA FIRE ALARM
- FDC FIRE DEPARTMENT CONNECTION
- FTE FINISHED FLOOR ELEVATION
- FH FIRE HYDRANT
- FL FLOWLINE
- FIDR FIDR OPTIC
- FLG FLAGPOLE
- FS FIRE SERVICE
- G GAS
- GB GRADE BREAK
- GRATE GRADE
- GRB GROUND ROD BOX
- GRD GRADE ELEVATION
- GROD GROUND ROD
- GV GAS VALVE
- HDB HOSE BIBB
- HBO HEADER BOARD
- HP HIGH PRESSURE
- HR HANDRAIL
- HVE HIGH VOLTAGE ELECTRIC
- ICV IRRIGATION CONTROL VALVE
- IN IN CONCRETE
- IRV IRRIGATION
- IRV IRRIGATION
- JP JOINT UTILITY POLE
- JT JOINT TRENCH
- LF LINE FEET
- LANDG LANDING
- M METAL
- MH METAL MANHOLE
- MR METAL RAMP
- MS METAL STRIP
- NTS NOT TO SCALE
- OH OVERHEAD
- CHANG OVERHANG
- OIP OPEN IRON PIPE
- OSPH OLD STEEL POST HOLE
- P/L PROPERTY LINE
- PA PLANTER AREA
- PED PEDESTAL
- PH POSTHOLE
- PIV POST INDICATOR VALVE
- PP POWER POLE
- PRKG PARKING
- RUE PUBLIC UTILITY EASEMENT
- R RUBBER
- R ROLLING GATE
- RIM NANHOLE RIM ELEVATION
- ROW RIGHT WAY
- RW RETAINING WALL
- RWD REDWOOD
- RWL RAIN WATER LEADER
- SB SIGNAL BOX
- SD STORM DRAIN
- SDMH STORM DRAIN MANHOLE
- SIG SIGNAL
- SLB STREET LIGHT
- SLB STREET LIGHT BOX
- SS SANITARY SEWER
- SSMH SANITARY SEWER MANHOLE
- STD STANDARD
- STL STEEL
- T TELEPHONE
- TBALL TETHER BALL POLE
- TBM TEMPORARY BENCHMARK
- TC TOP OF CURB
- TOW TOP OF WALL
- TP TELEPHONE POLE
- TRW TOP OF RETAINING WALL
- UG UNDERGROUND
- UNK UNKNOWN
- UNLESS OTHERWISE NOTED
- VBALL VOLLEYBALL
- W WATER
- W WITH
- W/O WITHOUT
- WO WOOD
- WIF WROUGHT IRON FENCE
- WIF WROUGHT IRON FENCE
- XWALK CROSSWALK

MATCH LINE - SEE SHEET C0.3

## TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CPS CHISELED "	4897.73	4890.21	48.97
2	CPFR CL HAM	4791.24	4958.33	48.74
3	CPFR CL HAM	4642.19	4980.89	49.41
4	CPFRINWELL AT C/LHAM	4855.77	4928.84	48.26
5	CPFR AT INT HAMKIRKWOOD	4659.83	4939.40	48.86
6	CPFR BM202 EL-50.04	4639.53	5037.62	50.04
7	CPFR AT INT JUNEWOOD-KIRKWOOD	4659.36	4671.66	47.50
8	CPFR 2 1/2" BRASS DISC	5224.78	4952.83	48.48
9	CPS CHISELED "	5245.57	5038.70	50.41
10	CPS CHISELED "	5175.06	5141.91	50.81
11	CPS CHISELED "	5034.06	5128.05	51.20
12	CPS CHISELED "	4964.98	5021.81	51.37
13	CPS CHISELED "	4785.46	5021.76	51.09
14	CPS CHISELED "	4845.05	5024.39	51.17
15	CPS CHISELED "	4822.34	5128.12	51.8
16	CPS CHISELED "	4555.55	5089.30	50.22
17	CPS CHISELED "	5017.77	5026.65	50.77
18	CPS CHISELED "	5055.67	5371.55	50.46
19	CPS CHISELED "	5175.06	5141.91	50.80
20	CPS CHISELED "	5178.31	5257.26	49.94
21	CPS CHISELED "	4967.43	5137.65	51.51
22	CPS CHISELED "	4923.64	5177.40	51.09
23	CPS CHISELED "	4844.07	5260.16	51.8
24	CPS CHISELED "	4774.64	5321.30	51.8
25	CPS CHISELED "	4841.82	5329.16	51.37
26	CPS CHISELED "	4689.76	5175.78	50.31

A.P.N.	039-100-120
BENCHMARK NO. 1202	ELEV. 50.044
NE CORNER TURNER RD. AND HAM LN. 14.8' E/ CL OF CURD RETURN 0.5' BEHIND DOC.	

BASIS OF BEARINGS:  
IS MAPS 5

FEINIA INFORMATION:  
THE SUBJECT PROPERTY IS LOCATED IN  
"ZONE X (SHADED) - AREA OF 0.21 ANNUAL  
CHANCE FLOOD HAZARD" PER FLOOD  
INSURANCE RATE MAP 06077C068F DATED  
OCTOBER 15, 2009

NOTE:  
EXISTING UTILITIES BASED ON VISIBLE  
STRUCTURES AND RECORD  
INFORMATION



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL TOPOGRAPHIC SURVEY

CONSULTANT

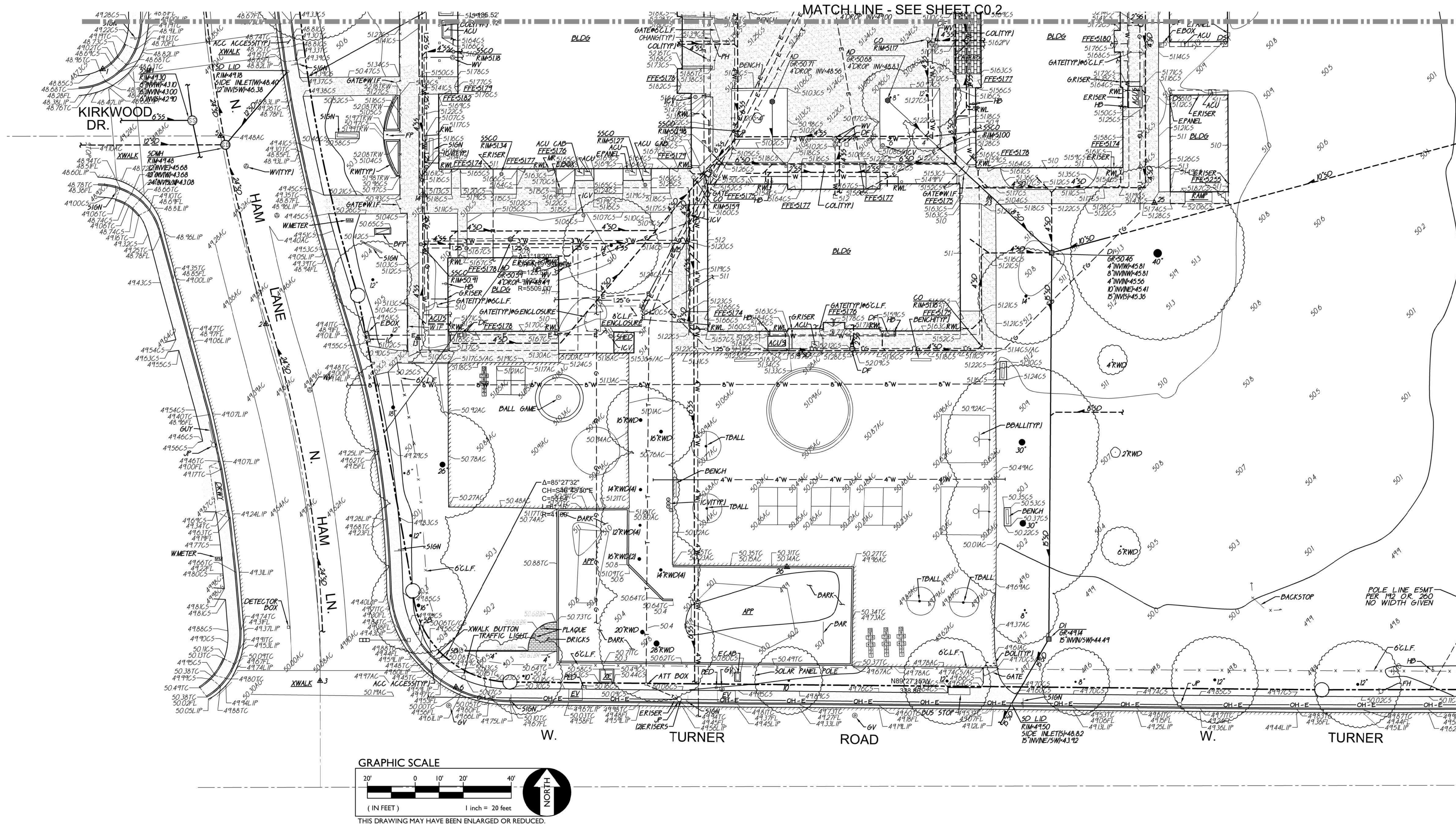


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21-32-52		
DATE	3/28/2022	
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CHECKED	MG	
SCALE	AS NOTED	
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C0.2





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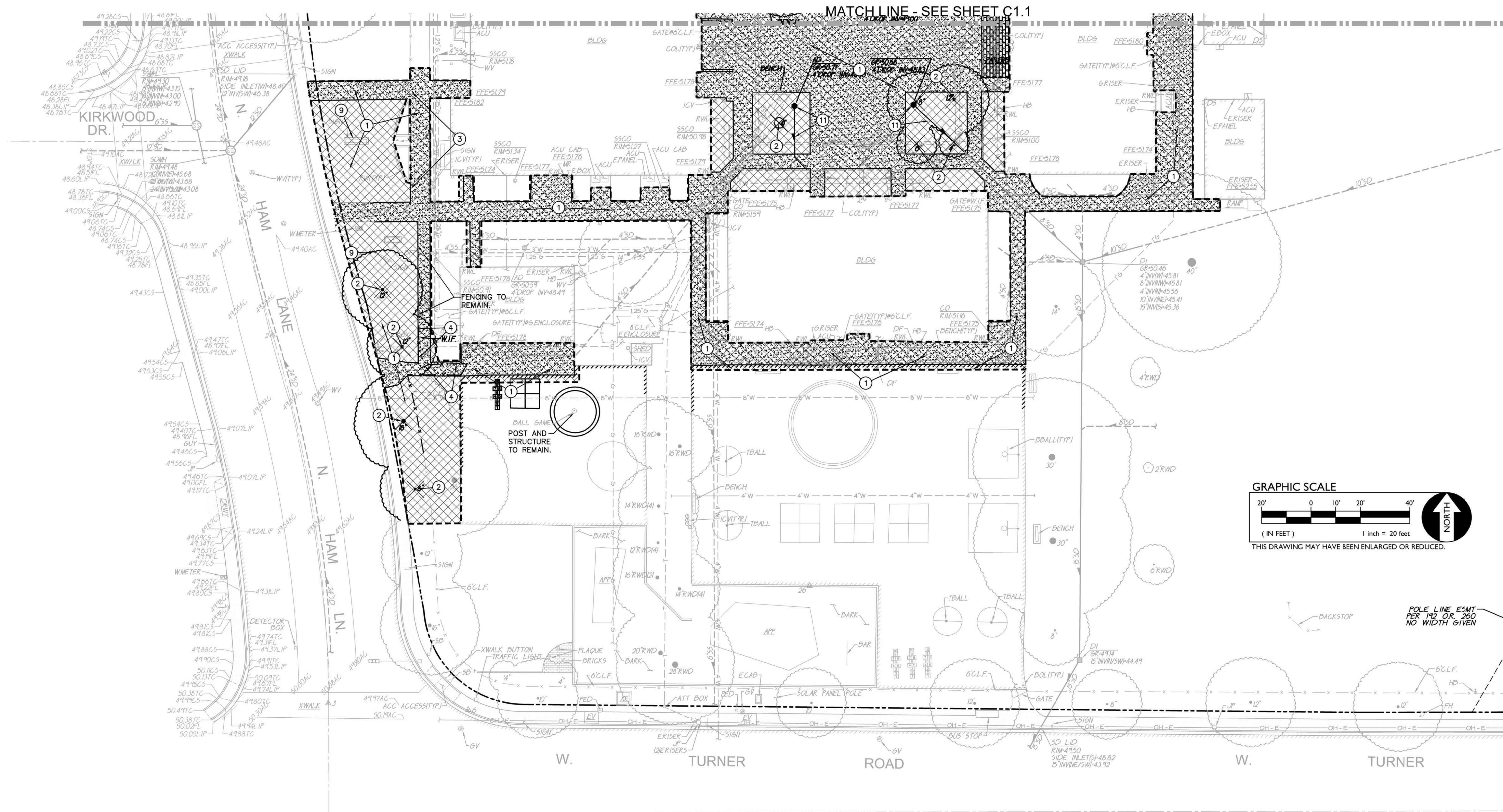
**C0.3**











- DEMOLITION NOTES**
1. WITHIN LIMITS SHOWN REMOVE ALL PAVEMENT, CURB, GUTTER, BASE MATERIAL AND LANDSCAPING. COORDINATE LIMITS OF REMOVAL WITH PLANS BY OTHERS. ADDITIONAL DEMOLITION ITEMS SHOWN ON ARCHITECTURAL, ELECTRICAL AND PLUMBING PLANS.
  2. REMOVE TREE, STUMP AND ALL ROOTS.
  3. FENCING AND GATES TO REMAIN.
  4. REMOVE EXISTING FENCE, GATES, AND ASSOCIATED FOOTINGS. SALVAGE AND PROTECT EXISTING GATES, POSTS AND FENCE PANELS FOR REUSE, SEE ARCHITECTURAL PLANS
  5. SALVAGE WHEEL STOP FOR REUSE.
  6. SALVAGE BENCH. COORDINATE WITH OWNER.
  7. REMOVE TETHERBALL POLE AND FOOTING.
  8. RELOCATE EXISTING CONTAINER.
  9. REMOVE SIGN, POST AND FOOTING. SIGNE TO BE RELOCATED. SEE ARCHITECTURAL PLANS.



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DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
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SS ☒ FLS ☒ ACS ☒  
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730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL DEMOLITION PLAN

CONSULTANT

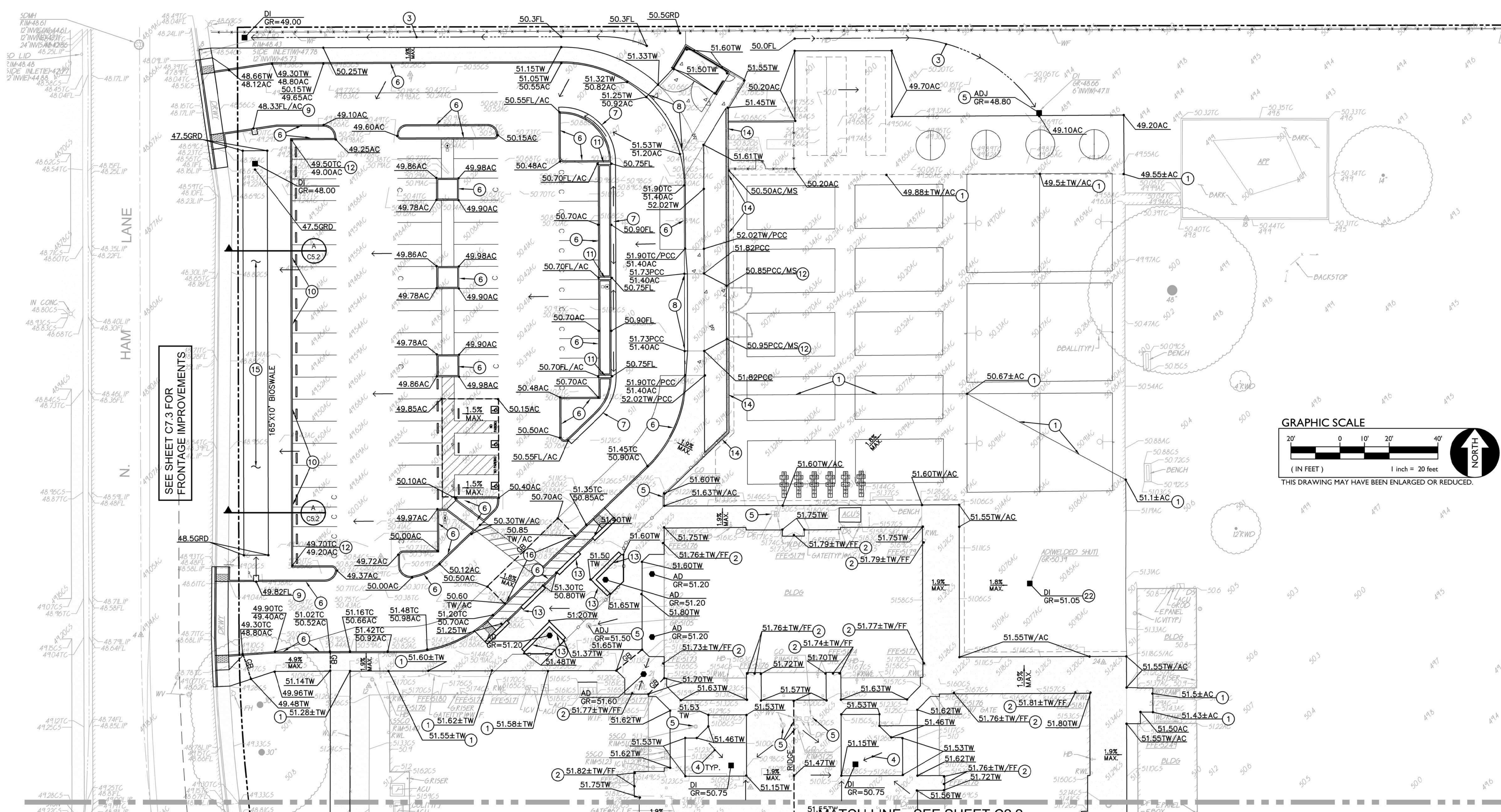


WARREN CONSULTING ENGINEERS, INC.  
1117 WINFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762 | (916) 985-1870

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C1.2





**GENERAL NOTES:**

1. AT LIMITS OF NEW CONCRETE ADJACENT TO LANDSCAPING PROVIDE A 4:1 MAXIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
2. ALL TRANSITIONS TO EXISTING PAVEMENT SHALL BE A SMOOTH AND LEVEL TRANSITION.
3. WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
4. SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.

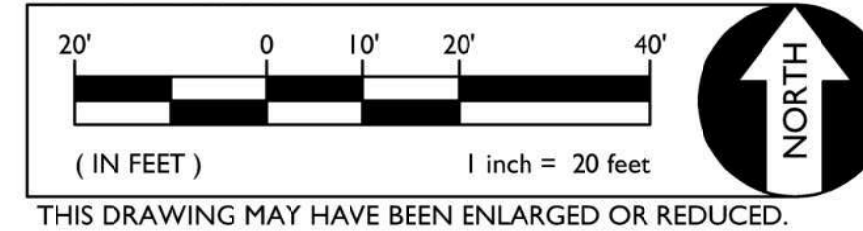
**ACCESSIBILITY NOTES:**

1. FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
2. PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS.
3. WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
4. TRANSITIONS BETWEEN ASPHALT AND CONCRETE SHALL BE FLUSH UNLESS SEPARATED BY CURB OR NOTED OTHERWISE.

**GRADING NOTES**

1. MATCH EXISTING GRADE.
2. PROPOSED SIDEWALK ELEVATION SHALL MEET FLUSH WITH EXISTING FINISH FLOOR.
3. CONSTRUCT SWALE.
4. GRADE UNIFORMLY TO SWALE AND/OR INLET.
5. ADJUST EXISTING STRUCTURE TO FINISH GRADE.
6. CONSTRUCT CONCRETE CURB PER  $\frac{3}{C5.1}$
7. CONSTRUCT CONCRETE VALLEY GUTTER PER  $\frac{6}{C5.1}$
8. CONSTRUCT ROLLED CURB PER PROVIDE 10' TRANSITIONS FROM VERTICAL TO ROLLED CURB.  $\frac{7}{C5.1}$
9. CONSTRUCT CURB OPENING PER  $\frac{2}{C5.1}$
10. CONSTRUCT FLUSH CONCRETE CURB PER  $\frac{5}{C5.1}$
11. CONSTRUCT GUTTER PER  $\frac{8}{C5.1}$
12. PROVIDE 2:1 TRANSITION FROM VERTICAL CURB TO FLUSH.
13. CONSTRUCT SEAT WALL PER  $\frac{5}{C5.2}$
14. CONSTRUCT MOWSTRIP AT BASE OF FENCE PER  $\frac{4}{C5.2}$
15. CONSTRUCT BIOSWALE PER  $\frac{3}{C5.2}$
16. CONSTRUCT DROP OFF PER  $\frac{2}{C5.2}$
17. CONSTRUCT STAIRS PER  $\frac{6}{C5.2}$

**GRAPHIC SCALE**



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL GRADING PLAN

CONSULTANT



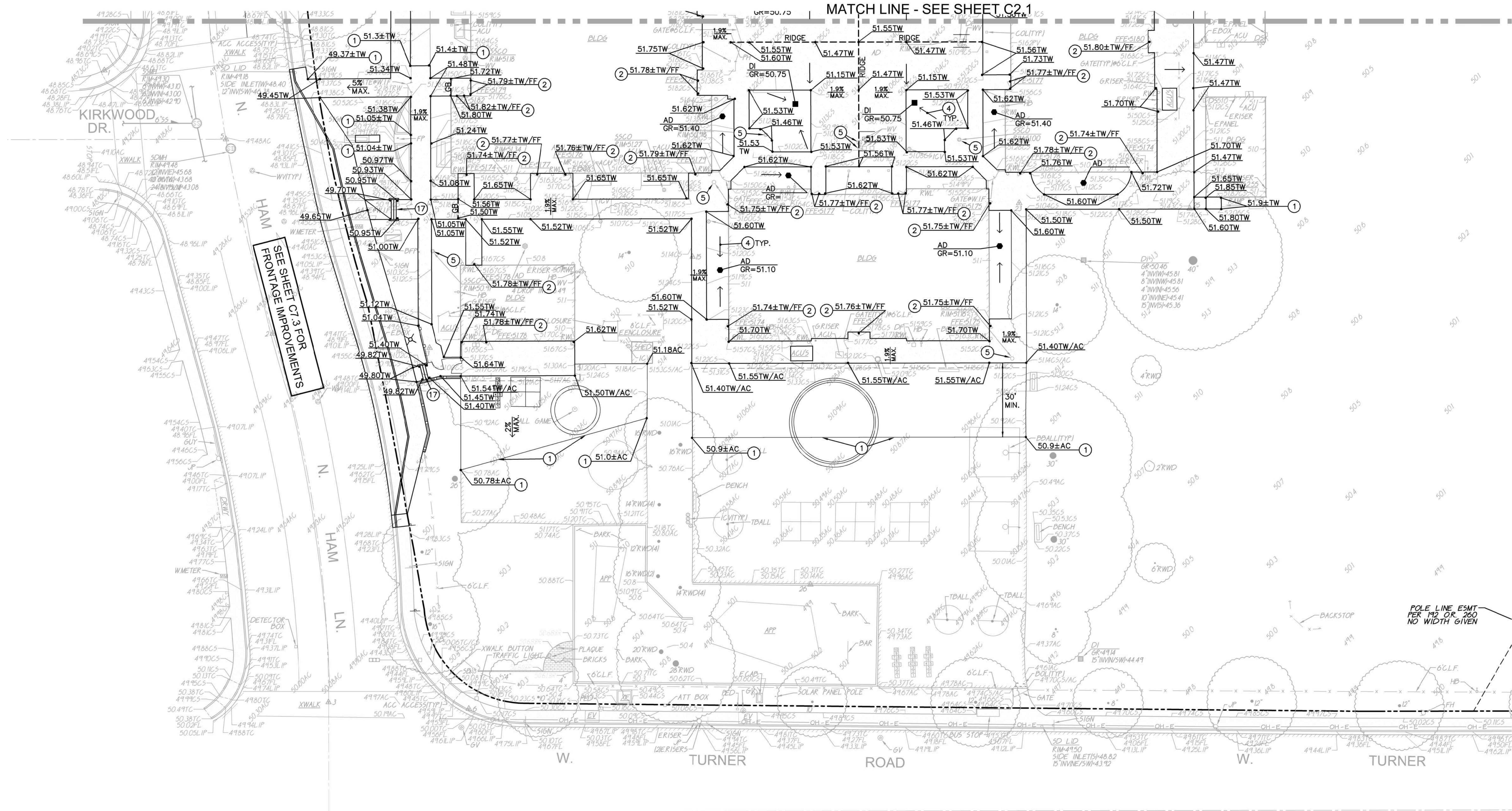
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**C2.1**







**ACCESSIBILITY NOTES:**

- FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
- PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS.
- WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
- TRANSITIONS BETWEEN ASPHALT AND CONCRETE SHALL BE FLUSH UNLESS SEPARATED BY CURB OR NOTED OTHERWISE.

**GENERAL NOTES:**

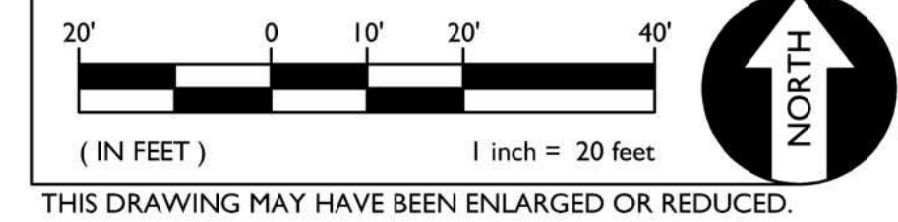
- AT LIMITS OF NEW CONCRETE ADJACENT TO LANDSCAPING PROVIDE A 4:1 MAXIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
- ALL TRANSITIONS TO EXISTING PAVEMENT SHALL BE A SMOOTH AND LEVEL TRANSITION.
- WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
- SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.

**GRADING NOTES**

- MATCH EXISTING GRADE.
- PROPOSED SIDEWALK ELEVATION SHALL MEET FLUSH WITH EXISTING FINISH FLOOR.
- CONSTRUCT SWALE.
- GRADE UNIFORMLY TO SWALE AND/OR INLET.
- ADJUST EXISTING STRUCTURE TO FINISH GRADE.
- CONSTRUCT CONCRETE CURB PER  $\frac{3}{C5.1}$
- CONSTRUCT CONCRETE VALLEY GUTTER PER  $\frac{6}{C5.1}$
- CONSTRUCT ROLLED CURB PER  $\frac{7}{C5.1}$  PROVIDE 10' TRANSITIONS FROM VERTICAL TO ROLLED CURB.
- CONSTRUCT CURB OPENING PER  $\frac{2}{C5.1}$
- CONSTRUCT FLUSH CONCRETE CURB PER  $\frac{5}{C5.1}$
- CONSTRUCT GUTTER PER  $\frac{8}{C5.1}$
- PROVIDE 2:1 TRANSITION FROM VERTICAL CURB TO FLUSH.

- CONSTRUCT SEAT WALL PER  $\frac{5}{C5.2}$
- CONSTRUCT MOWSTRIP AT BASE OF FENCE PER  $\frac{4}{C5.2}$
- CONSTRUCT BIOSWALE PER  $\frac{3}{C5.2}$
- CONSTRUCT DROP OFF PER  $\frac{2}{C5.2}$
- CONSTRUCT STAIRS PER  $\frac{6}{C5.2}$

**GRAPHIC SCALE**



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL GRADING PLAN

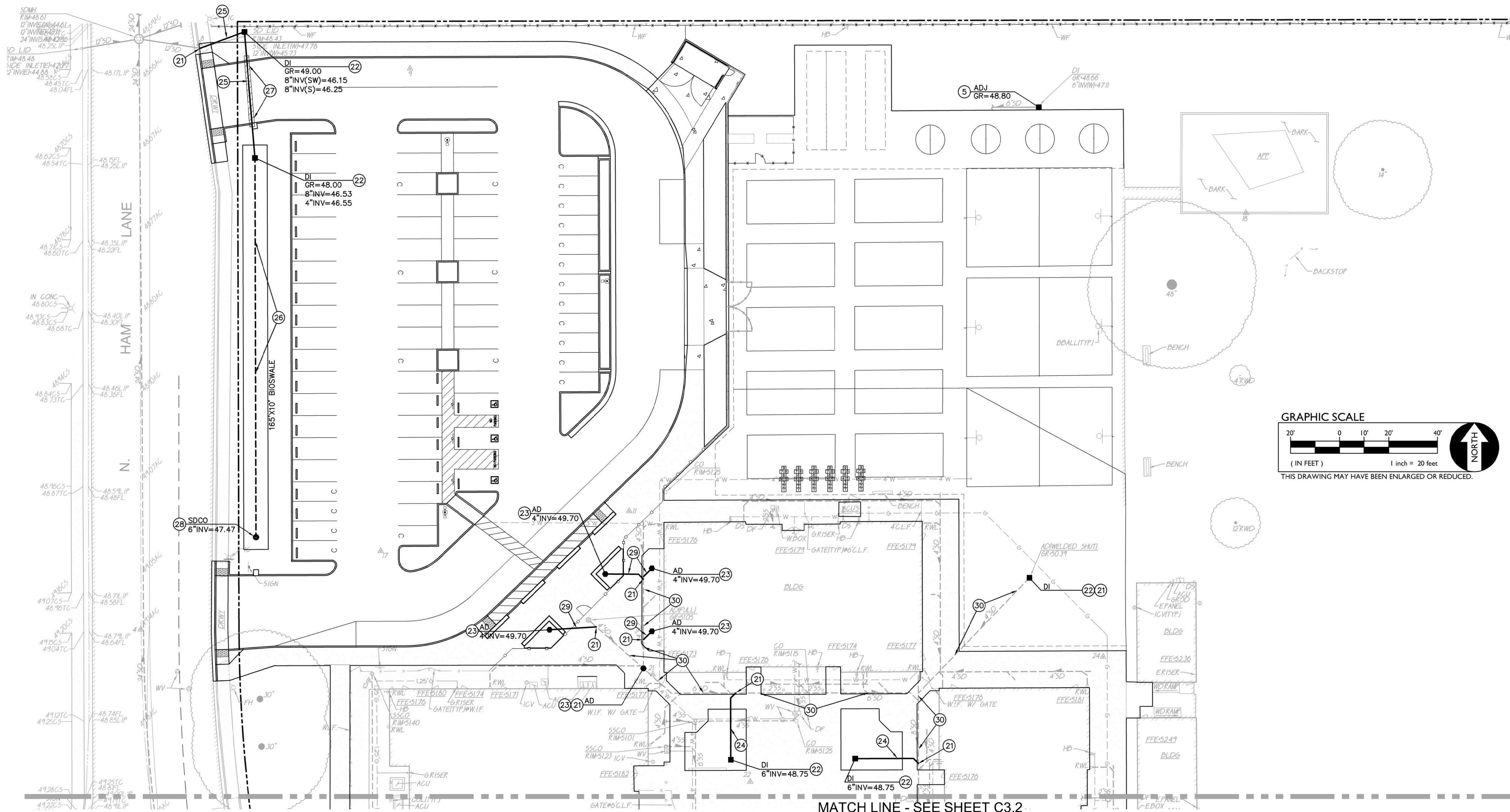
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**WCE**  
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**C2.2**





MATCH LINE - SEE SHEET C3.2

- DRAINAGE NOTES**
- CONNECT TO EXISTING STORM DRAIN PIPING. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION.
  - PROVIDE DROP INLET PER 

9
C5.1
  - PROVIDE AREA DRAIN PER 

10
C5.1
  - PLACE 6" STORM DRAIN PER 

11
C5.1

 SLOPE AT 0.010 MIN.
  - PLACE 8" STORM DRAIN PER 

1
C5.2

 SLOPE AT 0.005 MIN.
  - PLACE 4" SUBDRAIN PER 

1
C5.2

 SLOPE AT 0.005 MIN.
  - PROVIDE 2 SACK SLURRY BACKFILL TO 6" OVER TOP OF PIPE.
  - PROVIDE STORM DRAIN CLEANOUT PER 

12
C5.1
  - PLACE 4" STORM DRAIN PER 

11
C5.1

 SLOPE AT 0.020 MIN.
  - CLEAN AND FLUSH EXISTING STORM DRAIN PIPING TO LIMITS NOTED ON PLAN. PUMP ALL DEBRIS FROM SYSTEM.



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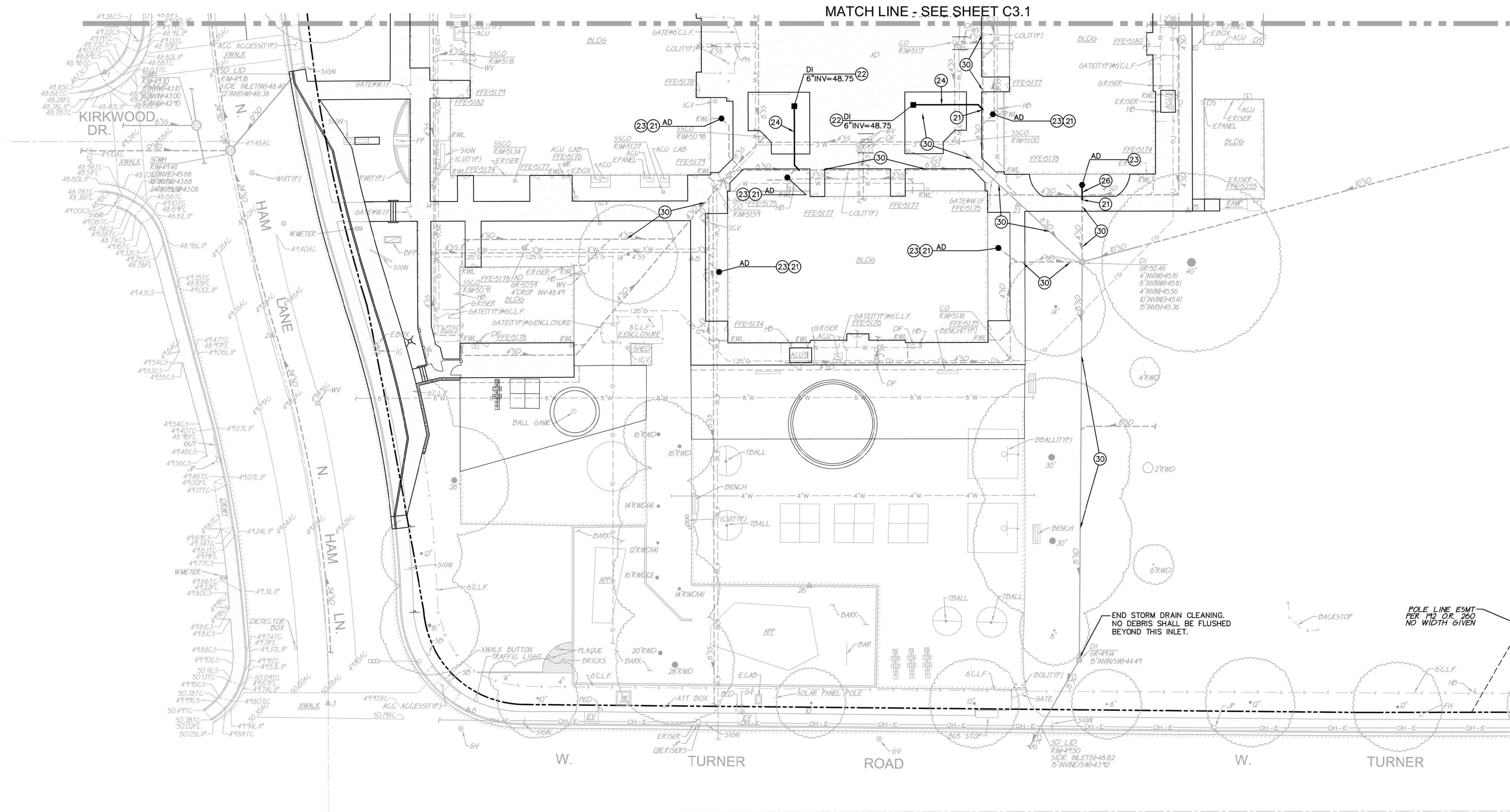
MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
PARTIAL UTILITY PLAN

CONSULTANT  
**WCE**  
WARREN CONSULTING ENGINEERS, INC.  
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EL DORADO HILLS, CA 95762 | (916) 985-1870

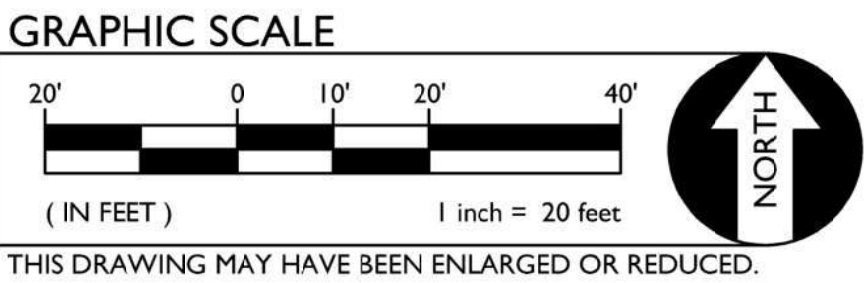
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C3.1





- DRAINAGE NOTES**
- CONNECT TO EXISTING STORM DRAIN PIPING. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION.
  - PROVIDE DROP INLET PER  $\frac{9}{C5.1}$
  - PROVIDE AREA DRAIN PER  $\frac{10}{C5.1}$
  - PLACE 6" STORM DRAIN PER  $\frac{11}{C5.1}$  SLOPE AT 0.010 MIN.
  - PLACE 8" STORM DRAIN PER  $\frac{1}{C5.2}$  SLOPE AT 0.005 MIN.
  - PLACE 4" SUBDRAIN PER  $\frac{12}{C5.1}$  SLOPE AT 0.005 MIN.
  - PROVIDE 2 SACK SLURRY BACKFILL TO 6" OVER TOP OF PIPE.
  - PROVIDE STORM DRAIN CLEANOUT PER  $\frac{11}{C5.1}$
  - PLACE 4" STORM DRAIN PER  $\frac{12}{C5.1}$  SLOPE AT 0.020 MIN.
  - CLEAN AND FLUSH EXISTING STORM DRAIN PIPING TO LIMITS NOTED ON PLAN. PUMP ALL DEBRIS FROM SYSTEM.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL UTILITY PLAN

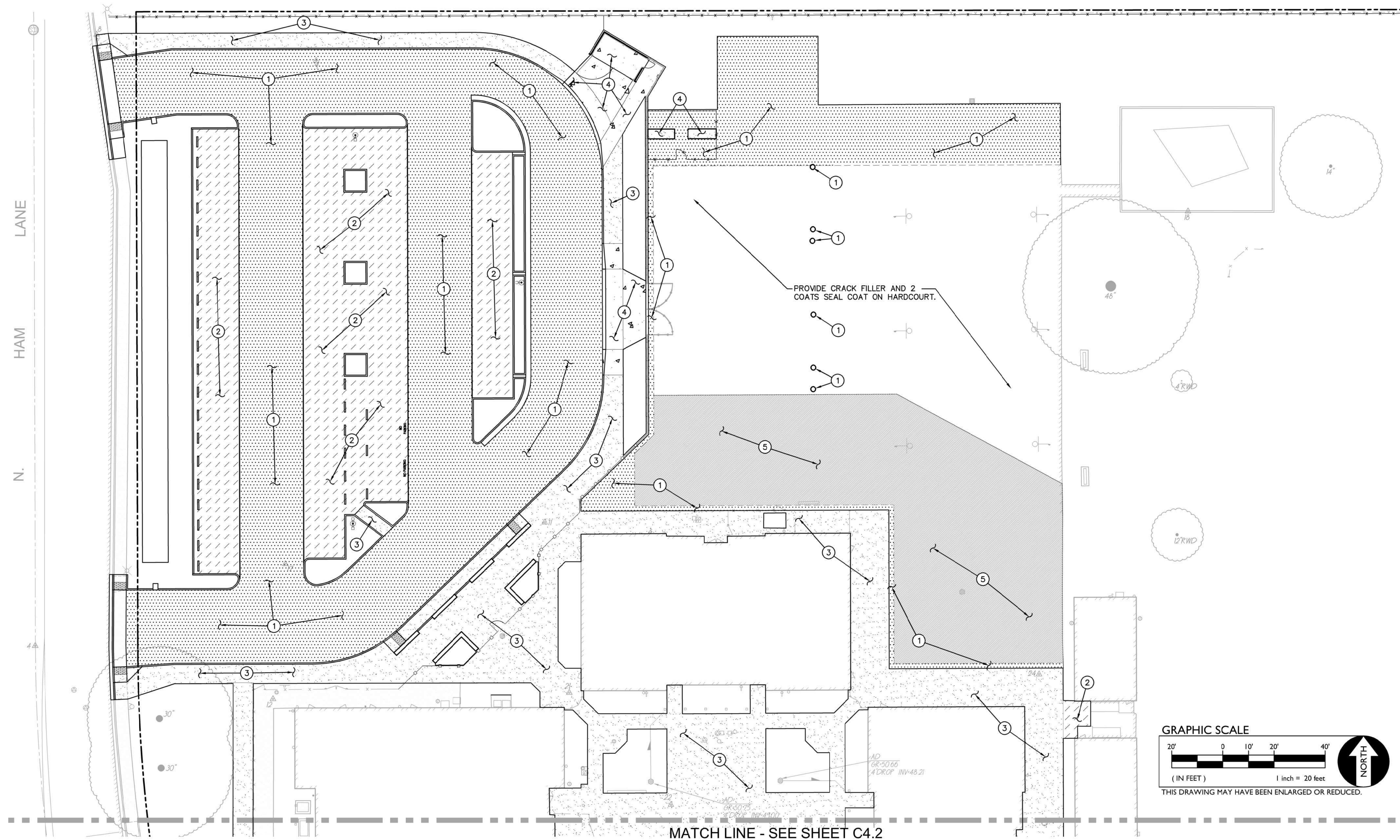
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C3.2





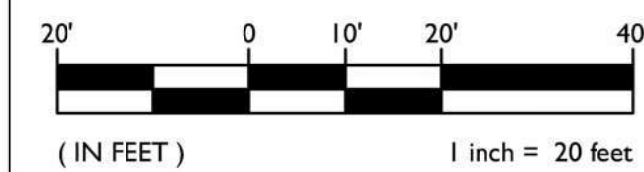
PAVING GENERAL NOTES:

- REFER TO ARCHITECTURAL PLANS FOR STRIPING LAYOUT.
- ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
- REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
- PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
- SLOPE IN ACCESSIBLE STALLS AND UNLOAD ZONES SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
- SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:  
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%  
DIRECTION OF TRAVEL - 4.9%  
RAMP IN DIRECTION OF TRAVEL - 8.0%  
PLAZA 1.9% - IN ANY DIRECTION
- ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
- ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

PAVING LEGEND

- PLACE 3.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
- PLACE 2.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
- PLACE 4" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 4" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS.
- PLACE 6" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 6" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS.
- PROVIDE 1.5" MIN. AC OVERLAY. GRIND AT LIMITS TO PROVIDE MINIMUM SECTION.

GRAPHIC SCALE



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL PAVING PLAN

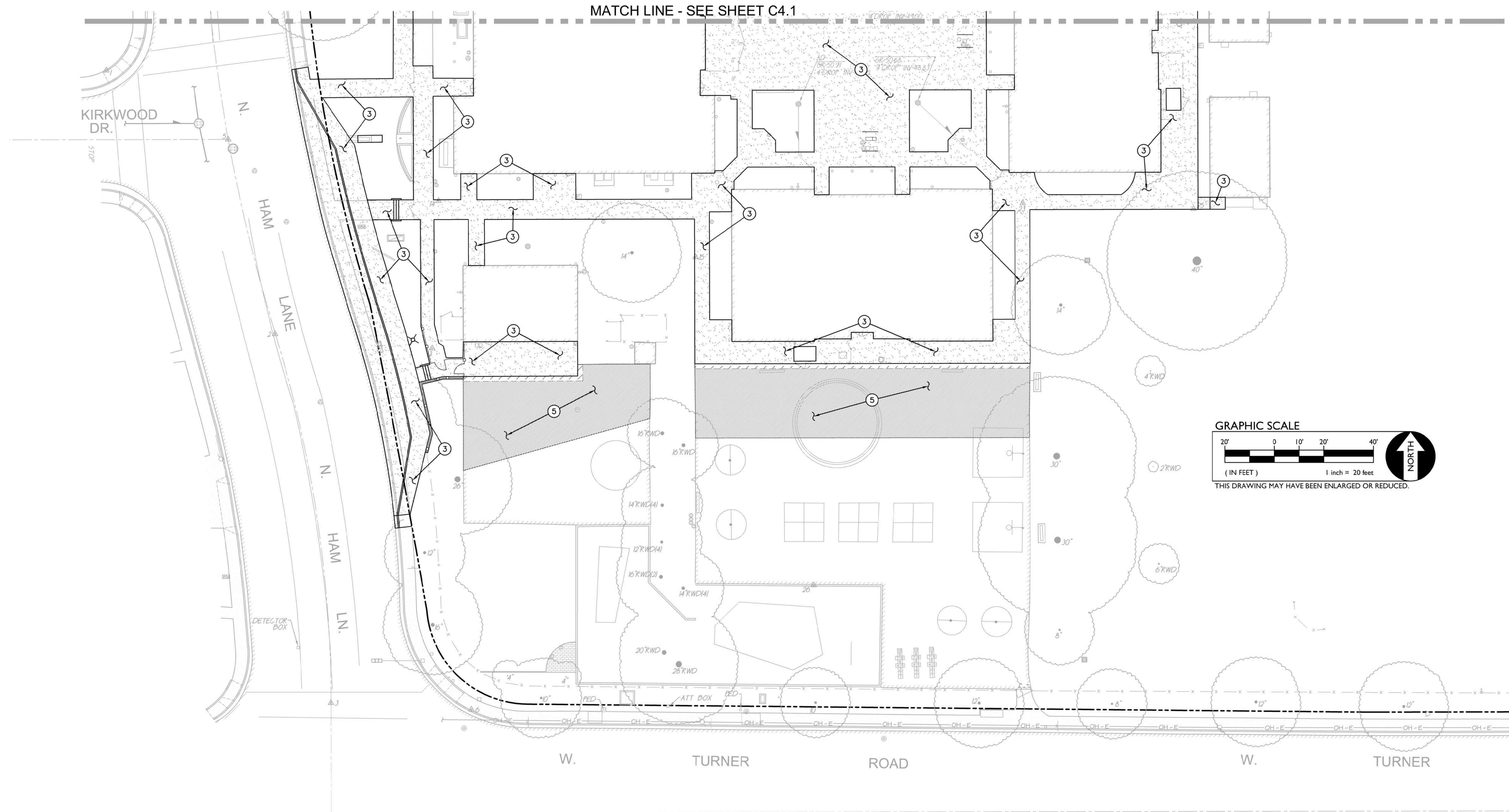
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C4.1





#### PAVING GENERAL NOTES:

- REFER TO ARCHITECTURAL PLANS FOR STRIPING LAYOUT.
- ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
- REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
- PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
- SLOPE IN ACCESSIBLE STALLS AND UNLOAD ZONES SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
- SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:  
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%  
DIRECTION OF TRAVEL - 4.9%  
RAMP IN DIRECTION OF TRAVEL - 8.0%  
PLAZA 1.9% - IN ANY DIRECTION
- ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
- ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

#### PAVING LEGEND

- PLACE 3.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
- PLACE 2.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
- PLACE 4" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 4" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 C5.1)
- PLACE 6" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 6" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 C5.1)
- PROVIDE 1.5" MIN. AC OVERLAY. GRIND AT LIMITS TO PROVIDE MINIMUM SECTION.



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

PARTIAL PAVING PLAN

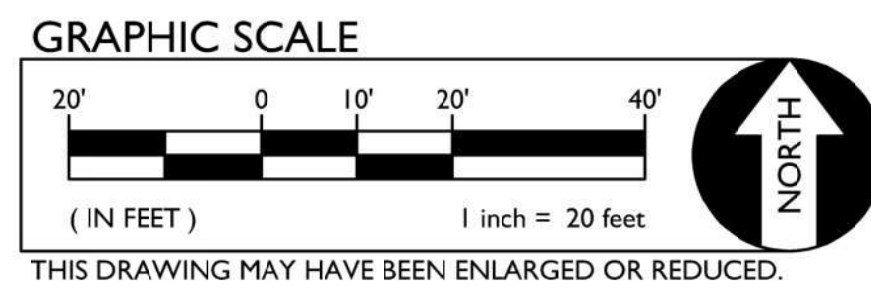
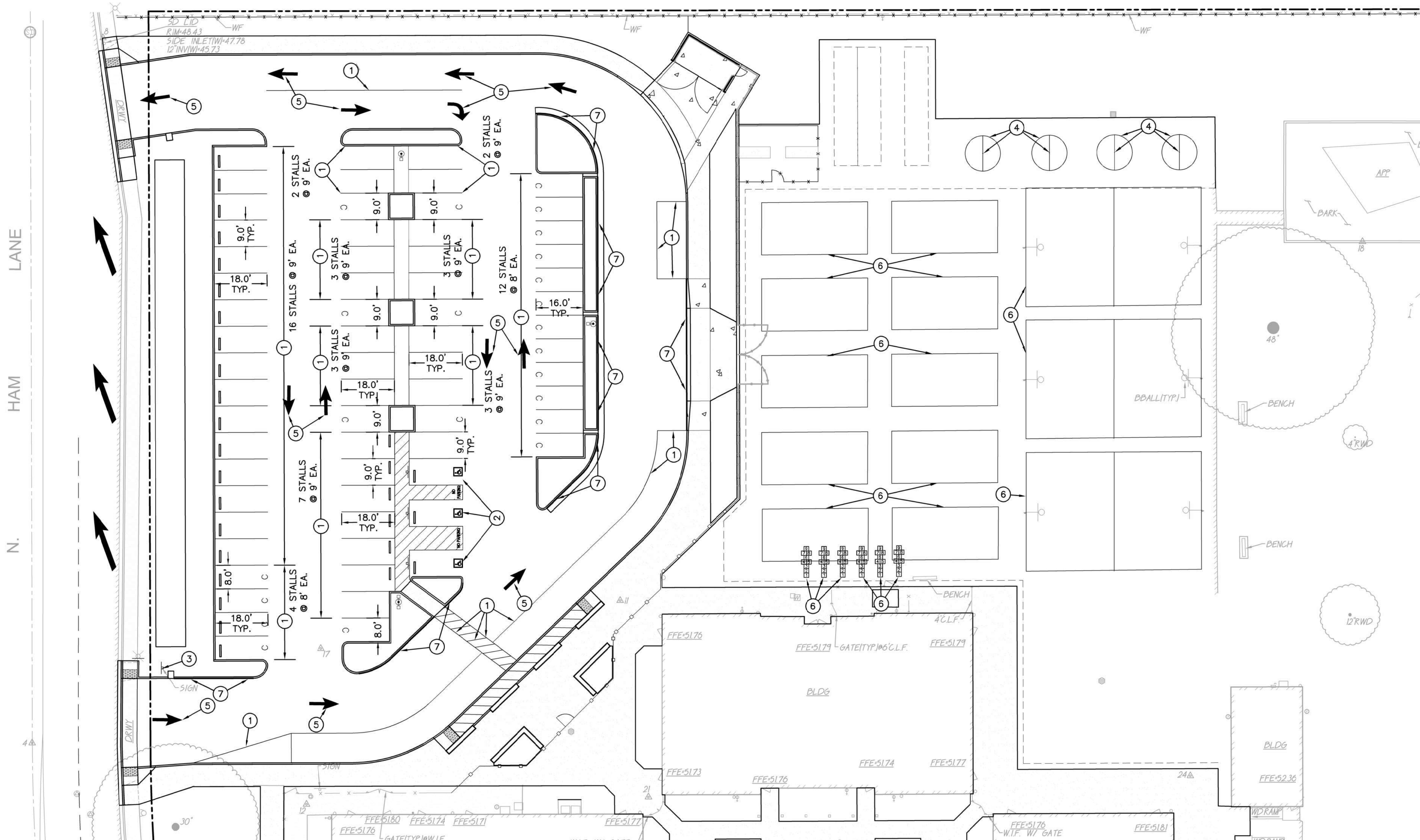
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C4.2





STRIPING AND SIGNAGE NOTES

1. PROVIDE 4" WIDE HIGHT STRIPE, TYPICAL OF STALLS.
2. PROVIDE ACCESSIBLE STRIPING AND SIGNAGE PER
3. PROVIDE "UNAUTHORIZED VEHICLE" TOWING SIGN PER
4. PROVIDE TEATHERBALL POLE AND STRIPING PER
5. PROVIDE TYPE I ARROW.
6. PROVIDE NEW HARD COURT STRIPING TO MATCH EXISTING CONDITION.
7. PAINT CURB RED WITH 4" HIGH, 3/4" WIDE STROKE SAYING "NO PARKING - FIRE LANE". MARKINGS SHALL BE LOCATED EVERY 25'.

1	2	4
C4.4	C4.4	C4.4
3	6	6
C4.4	C4.4	C4.4



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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

STRIPING AND SIGNAGE PLAN

CONSULTANT



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11117 WINFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762 | (916) 985-1870

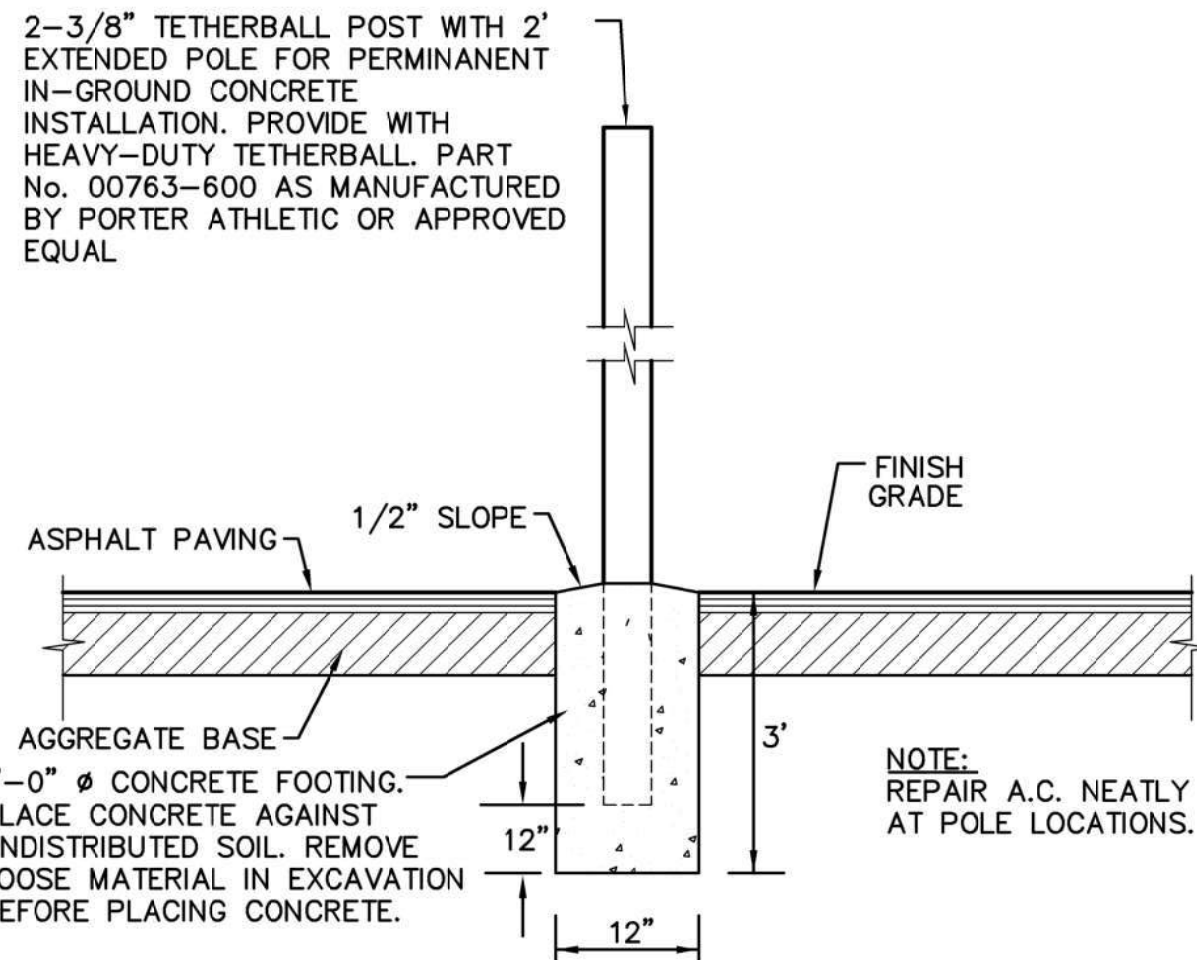
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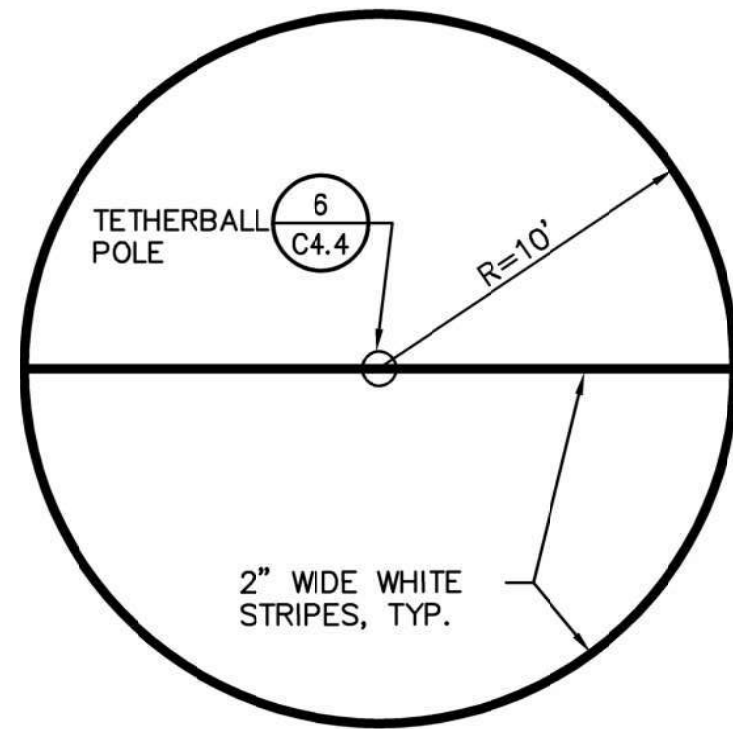
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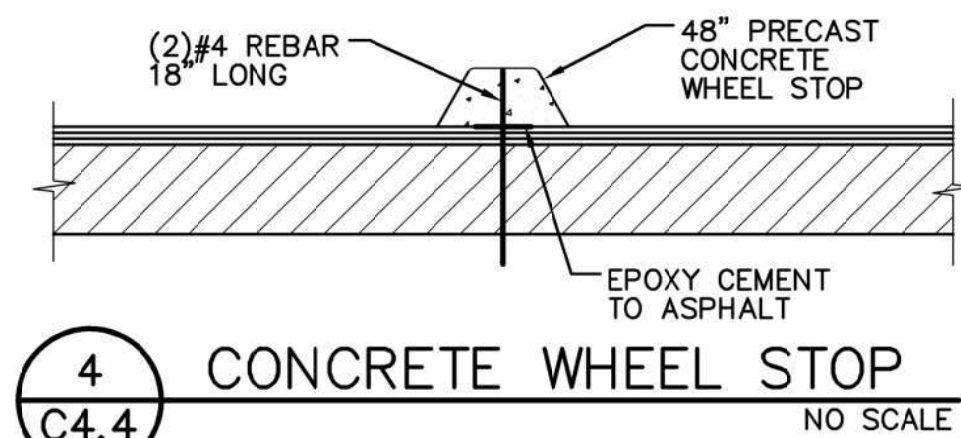
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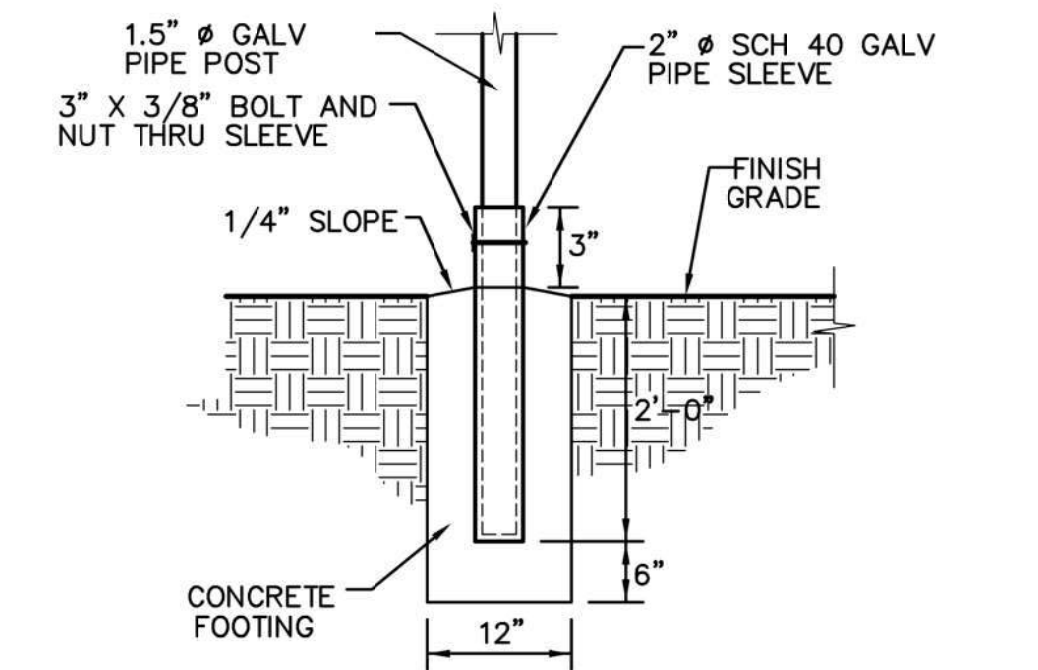
6 TETHER BALL POST  
C4.4 NO SCALE



7 TETHERBALL COURT STRIPING  
C4.4 NO SCALE



4 CONCRETE WHEEL STOP  
C4.4 NO SCALE

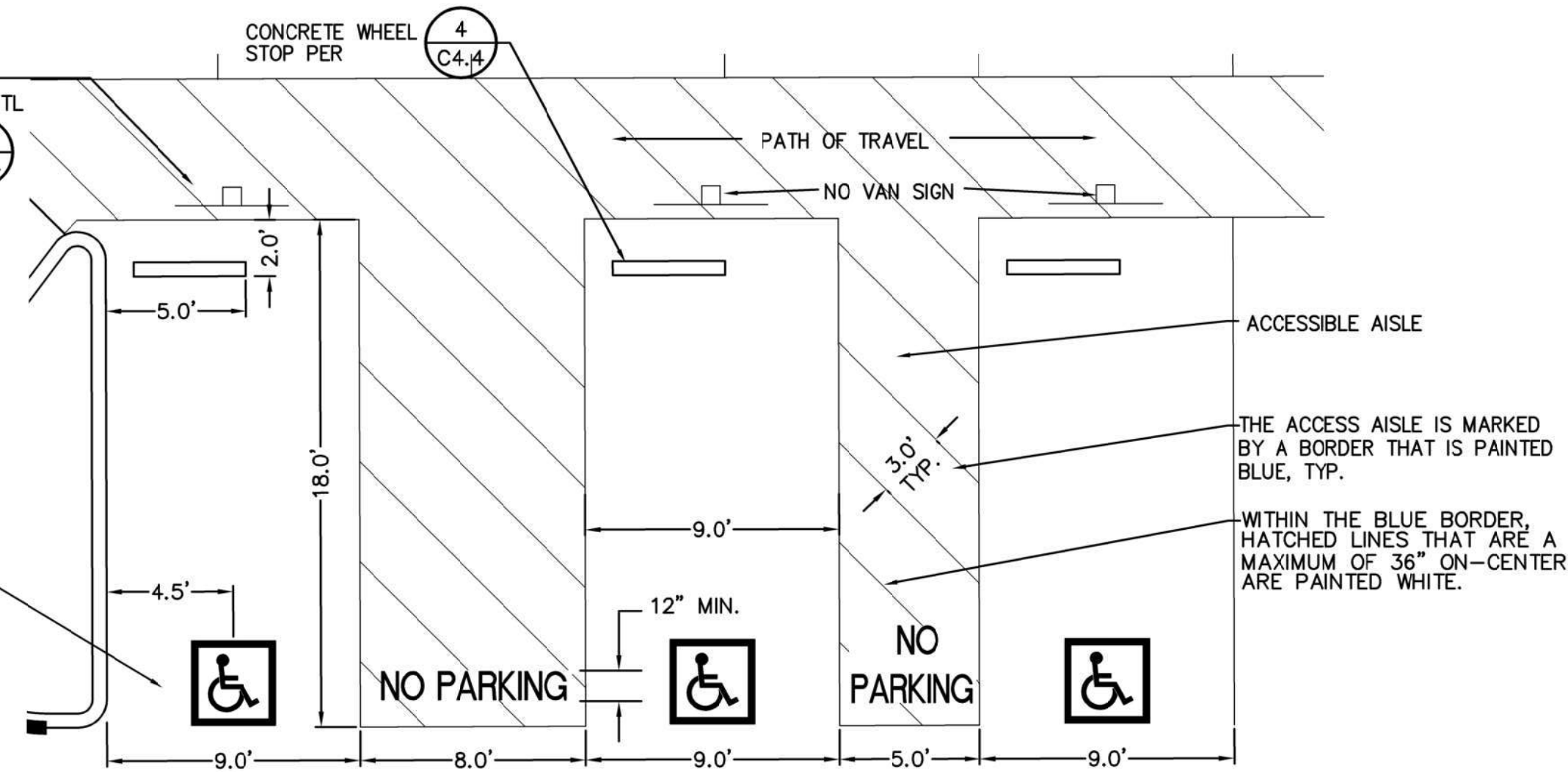


5 SIGN SLEEVE  
C4.4 NO SCALE

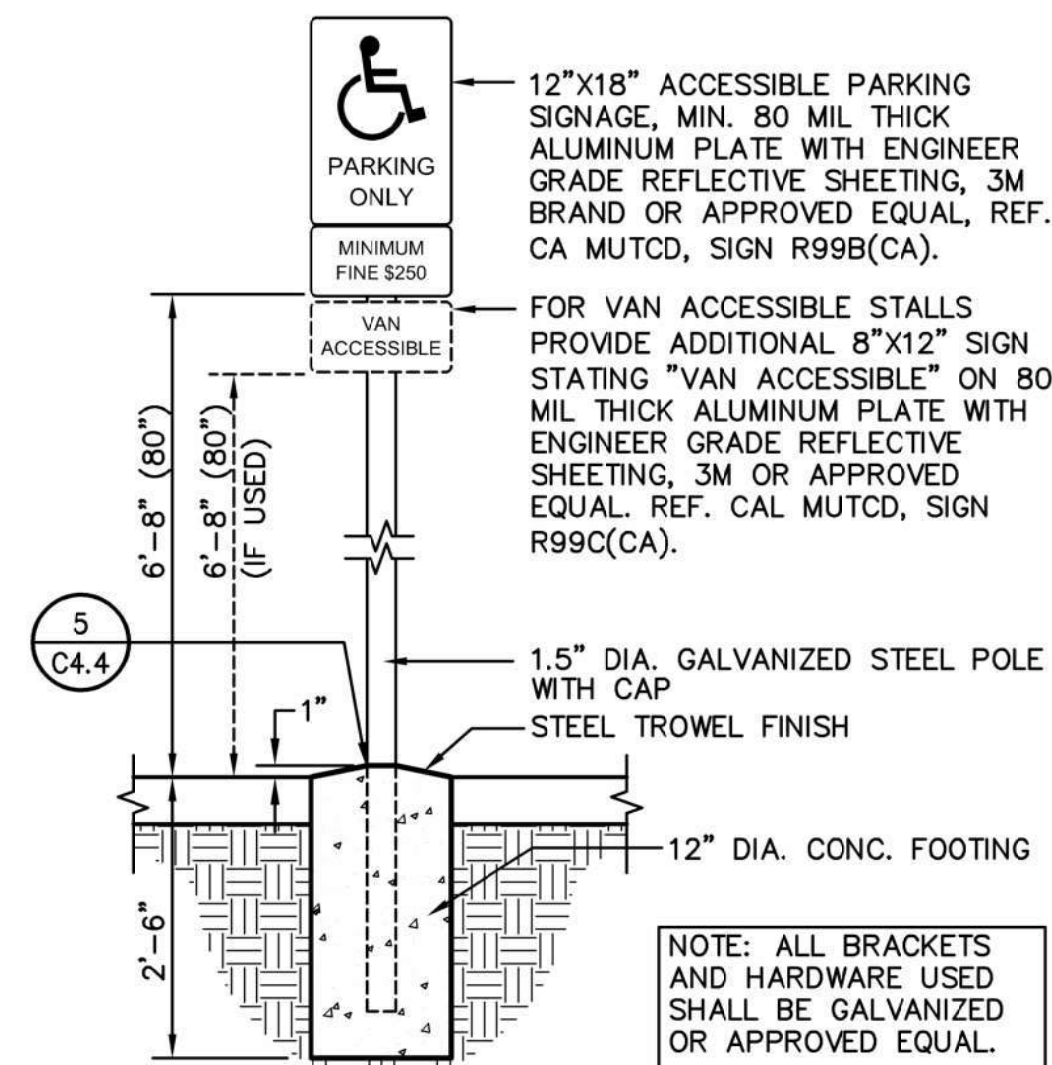
PROVIDE ACCESSIBLE SIGNAGE MOUNTED ON 1.5" SCH 40 GALV MTL POLE STALL SIGN W/ VAN ACCESSIBLE SIGN SEE DETAIL TYP.



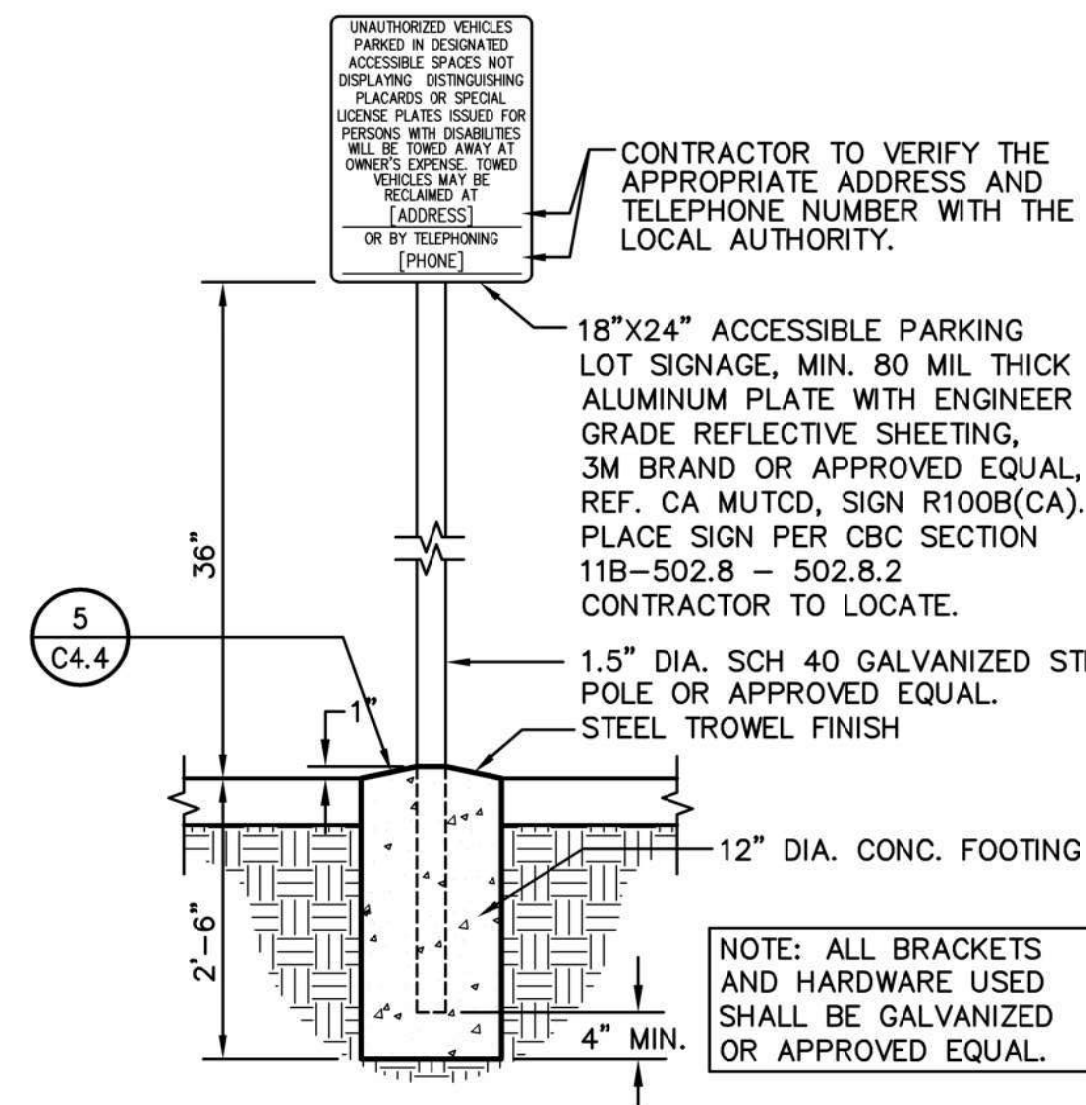
WHITE SYMBOL OF ACCESSIBILITY TO BE 36" HIGH X 36" WIDE ON A BLUE BACKGROUND  
INTERNATIONAL SYMBOL OF ACCESSIBILITY STALL EMBLEM



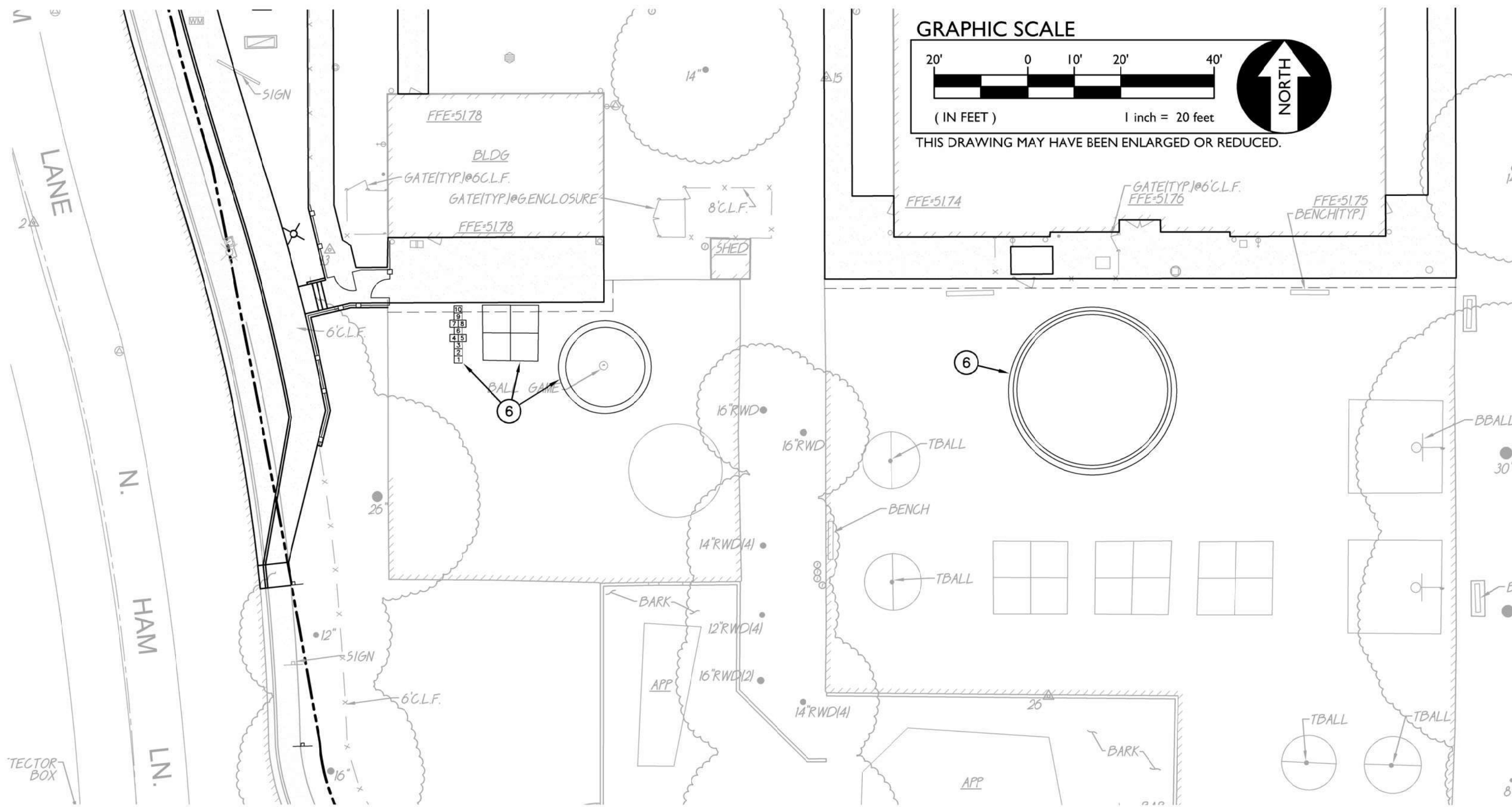
1 ACCESSIBLE PARKING  
C4.4 NO SCALE



2 PARKING SIGNAGE  
C4.4 ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



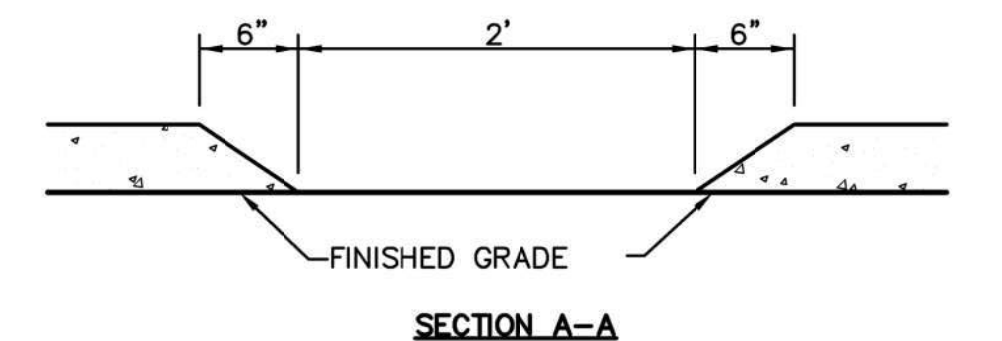
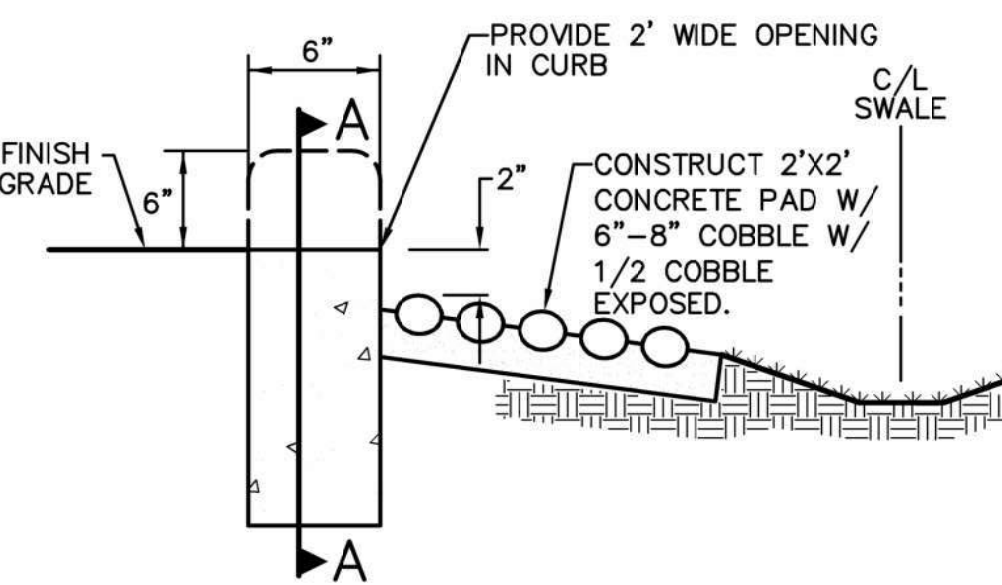
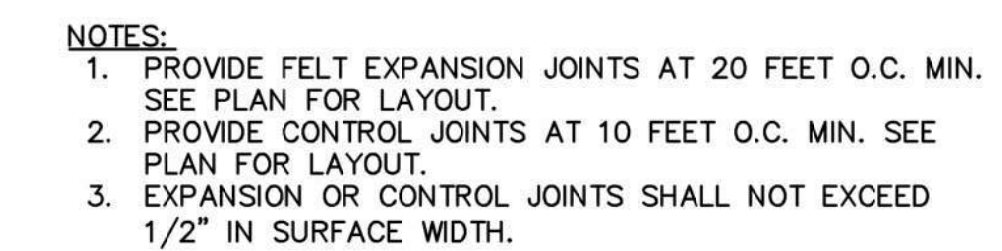
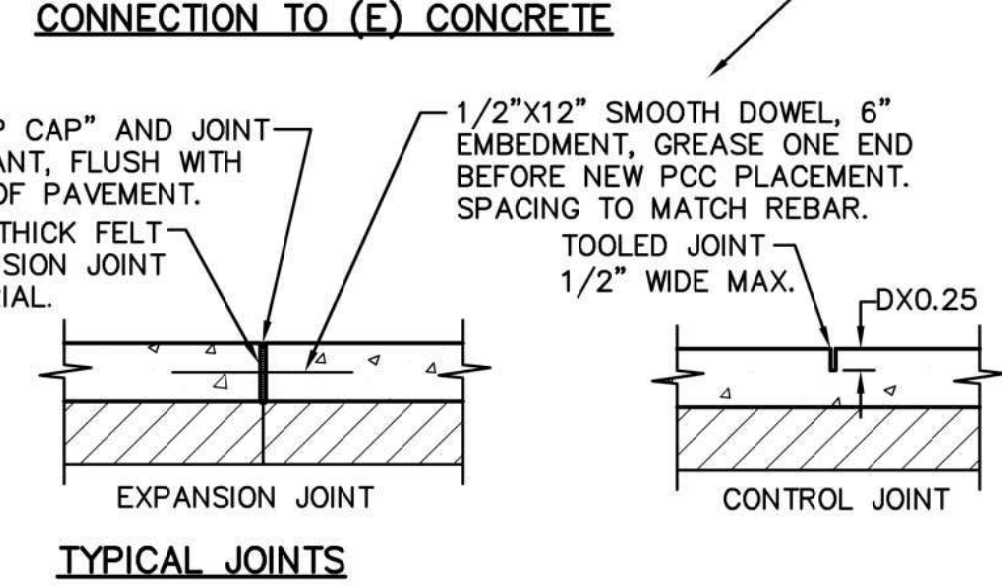
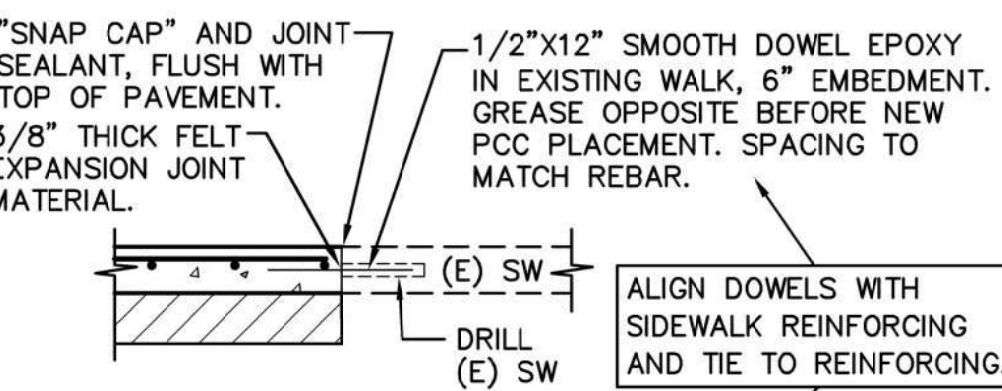
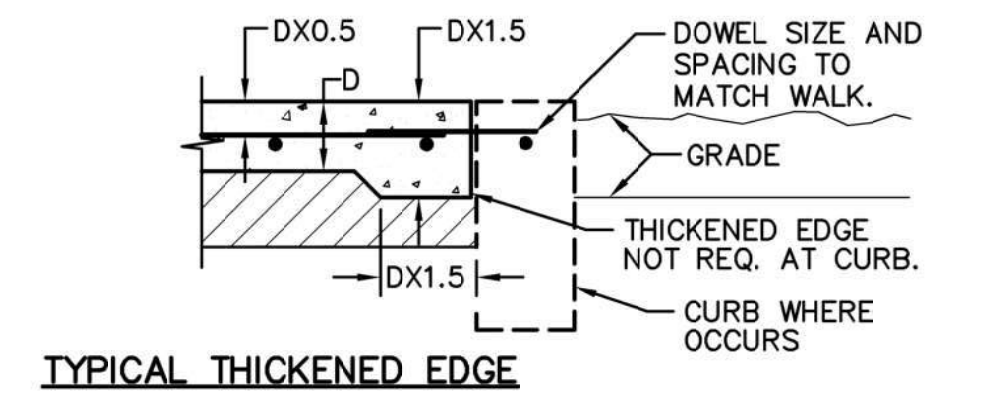
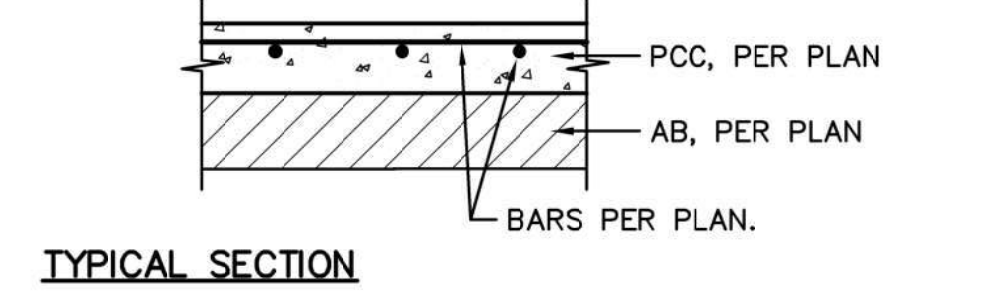
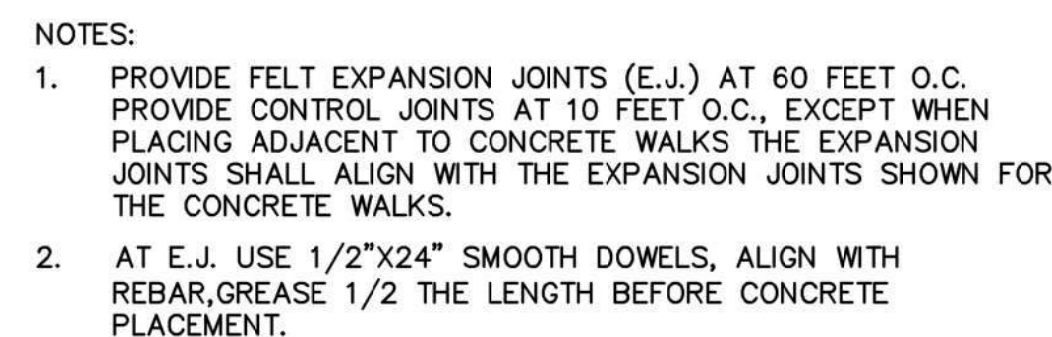
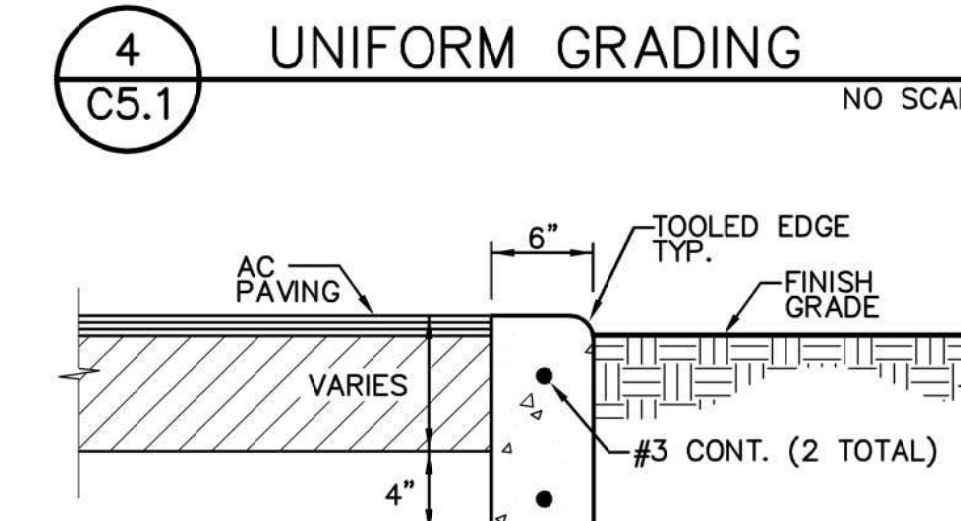
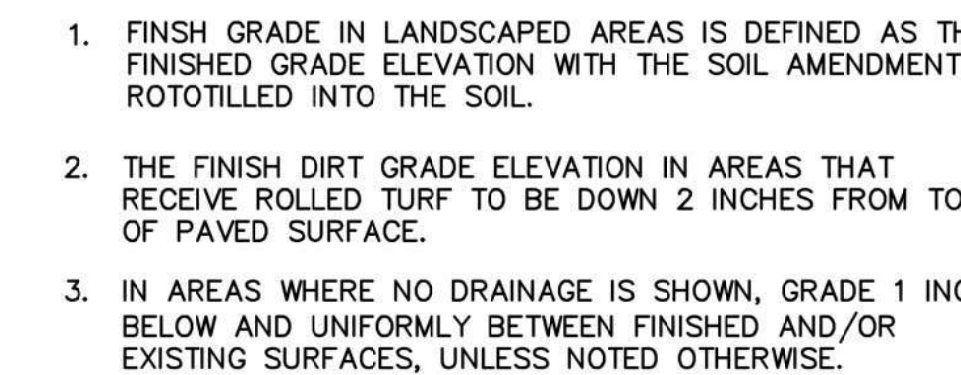
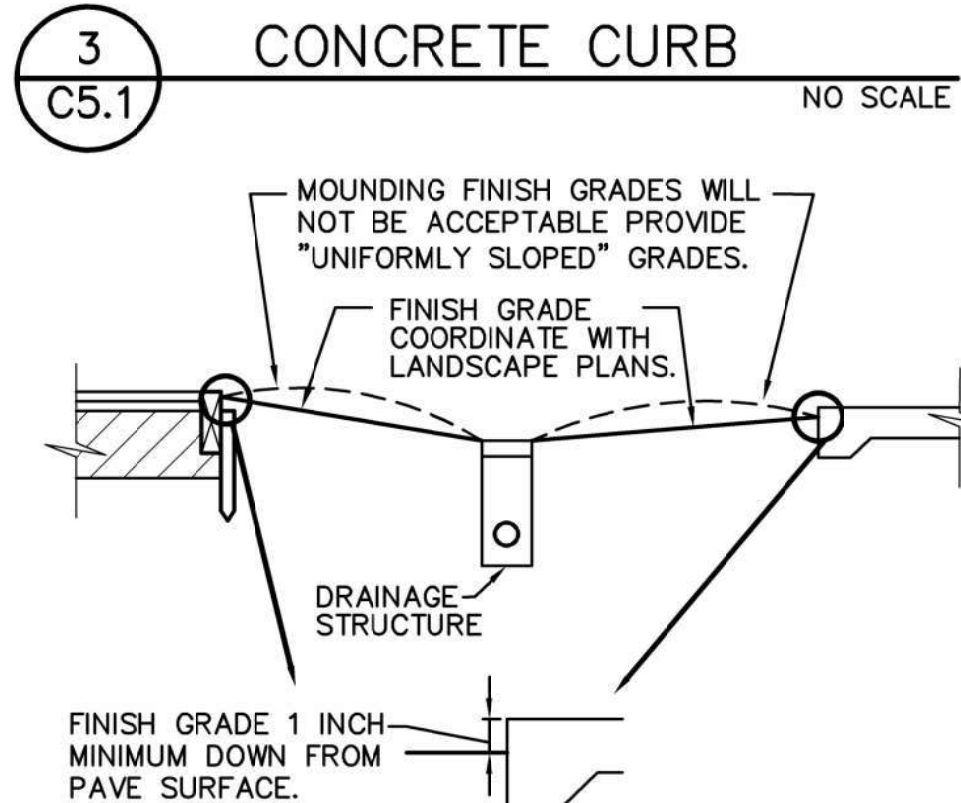
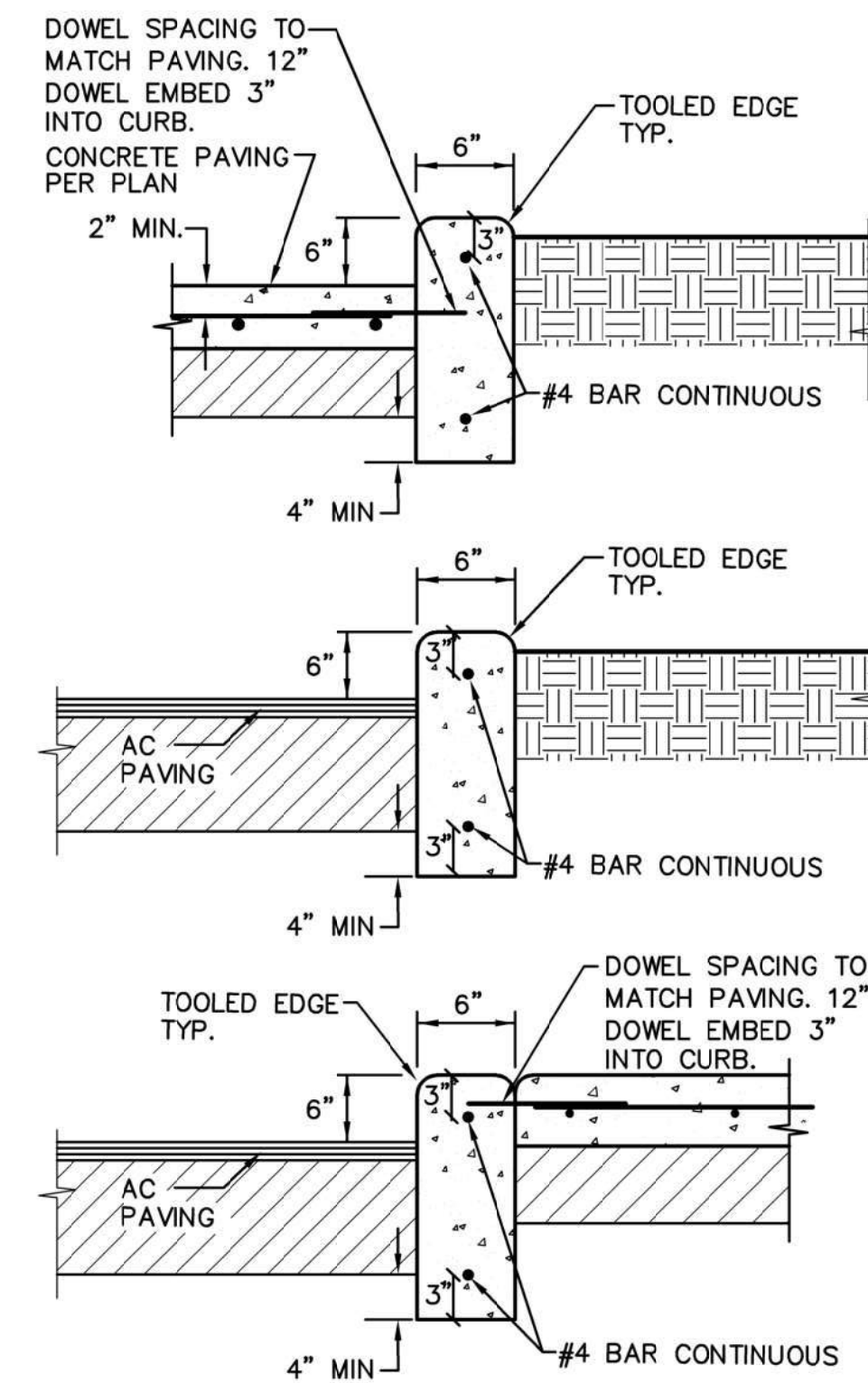
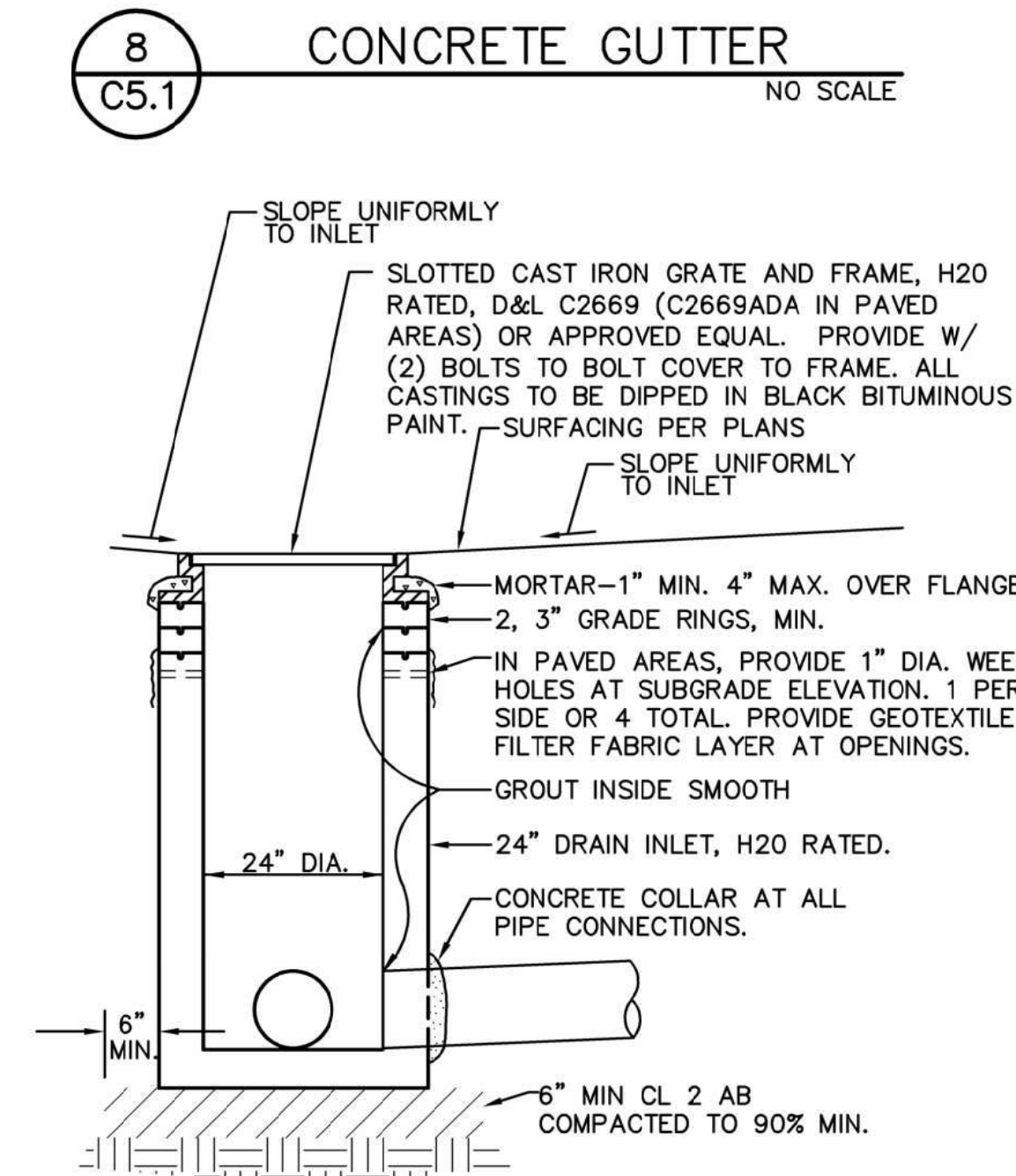
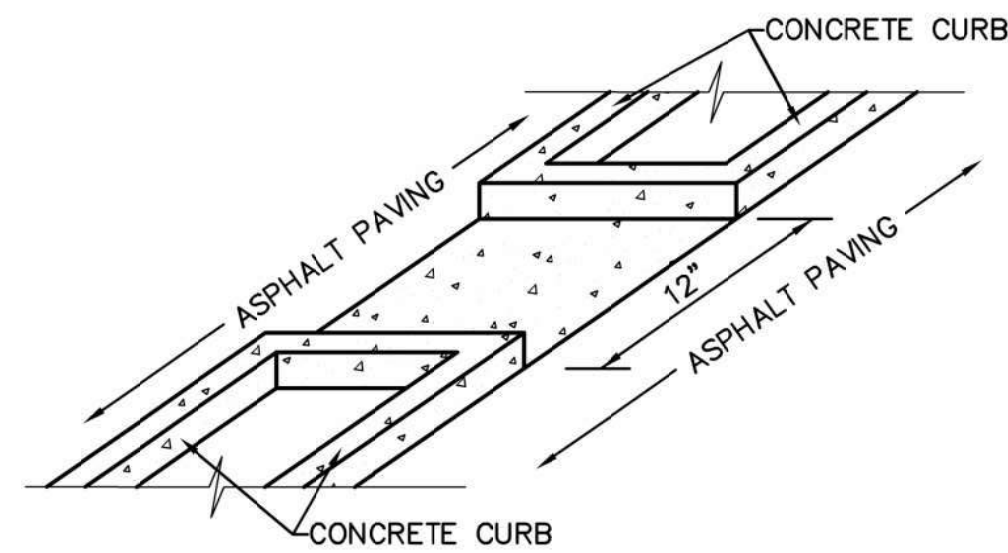
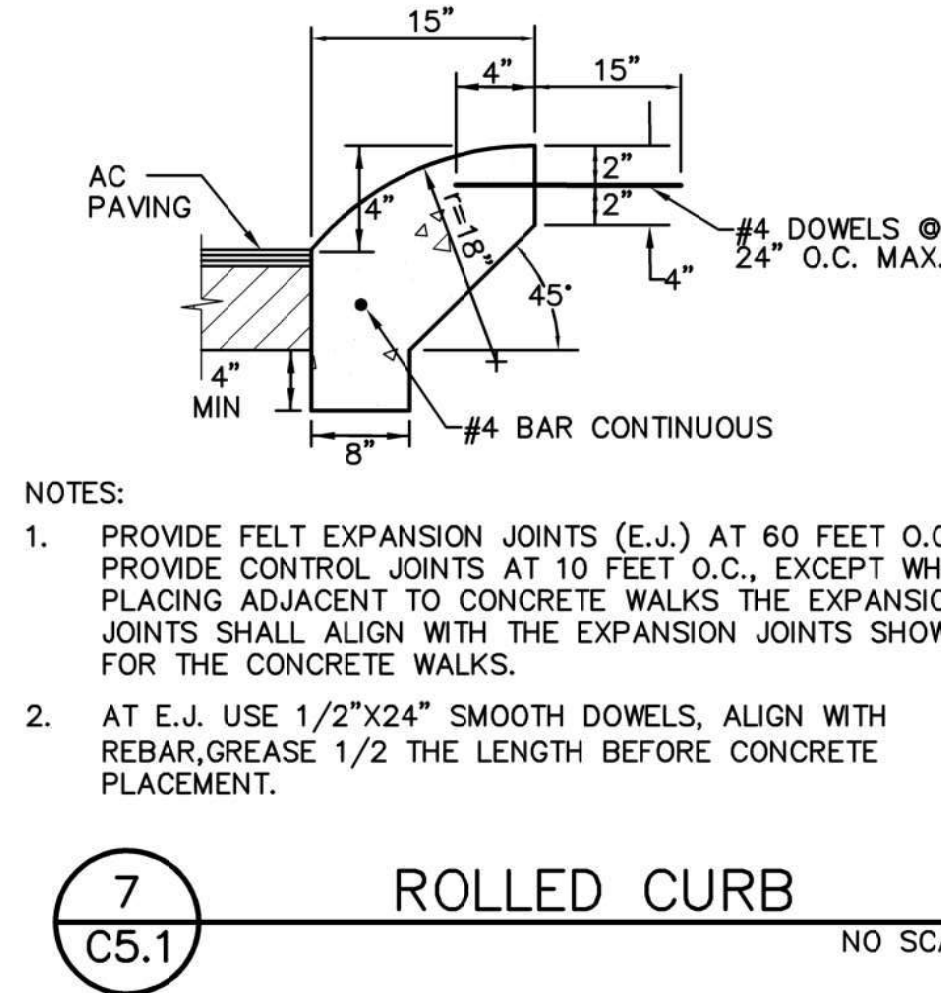
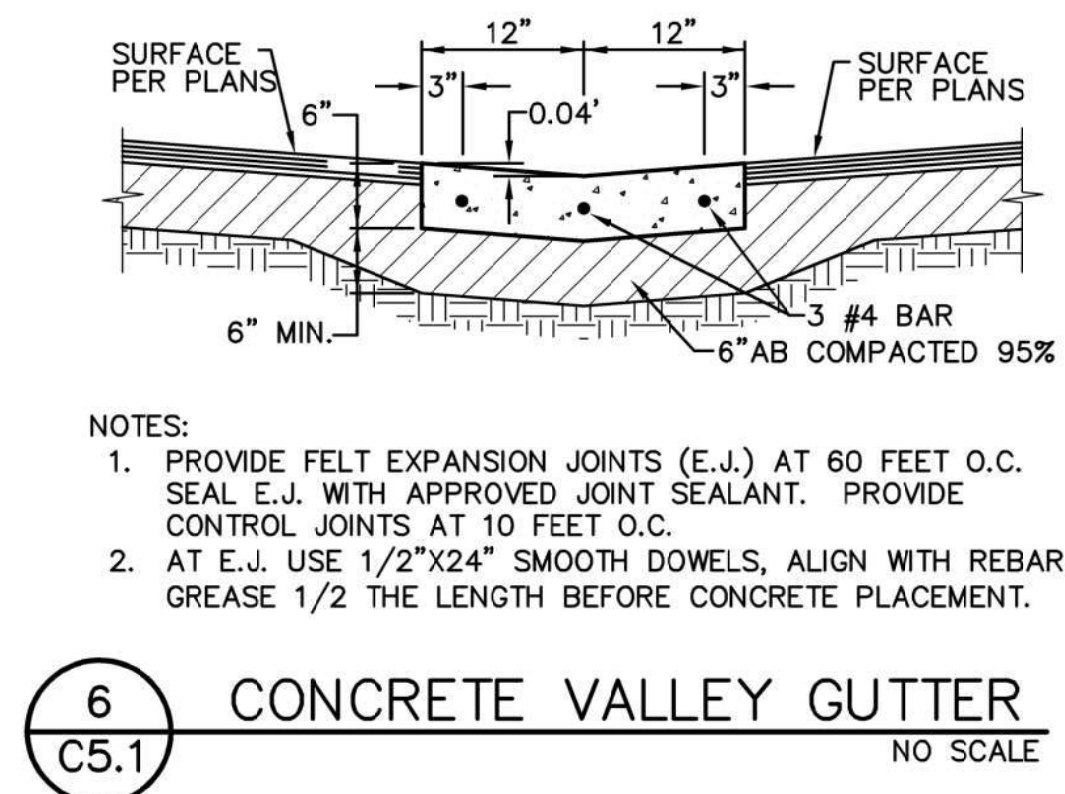
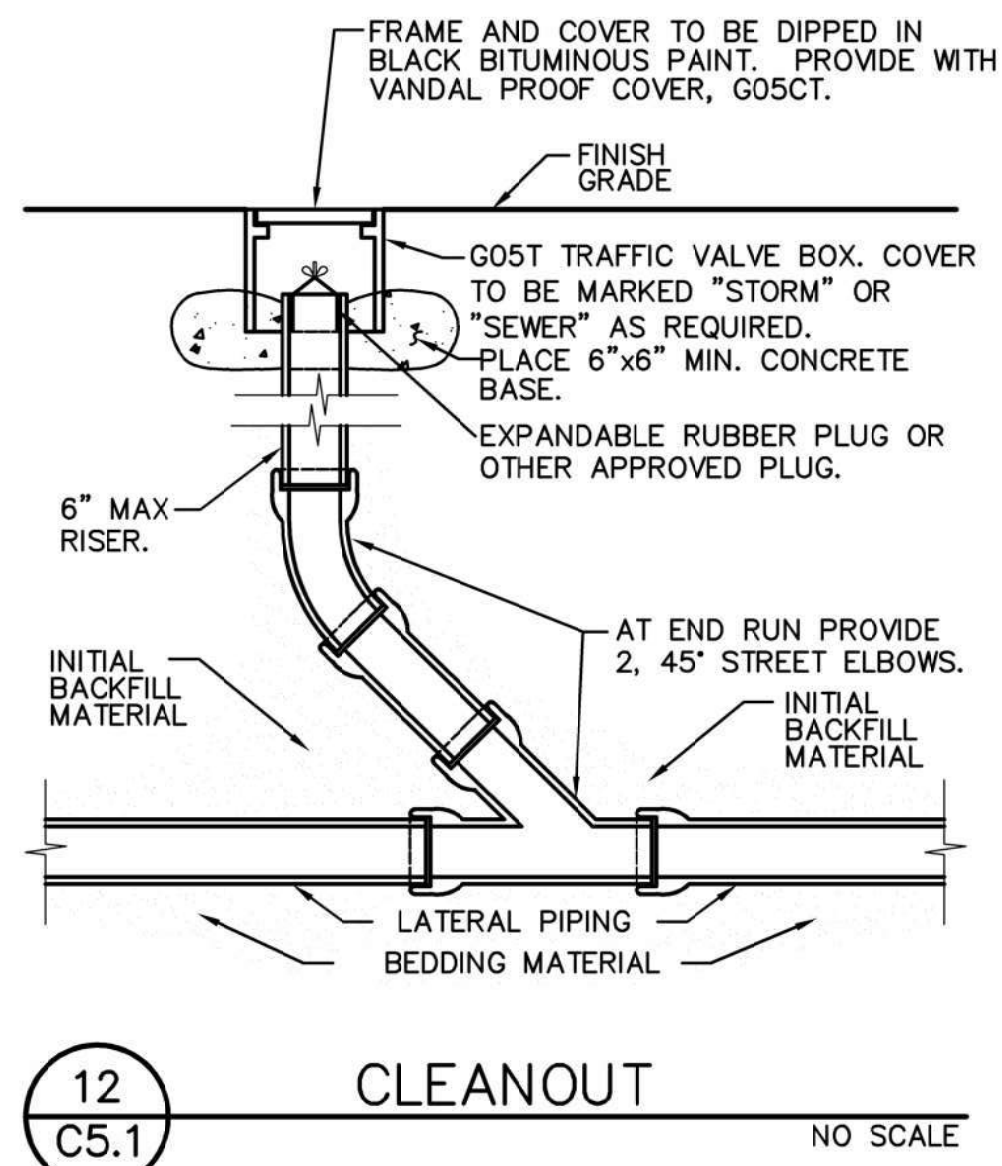
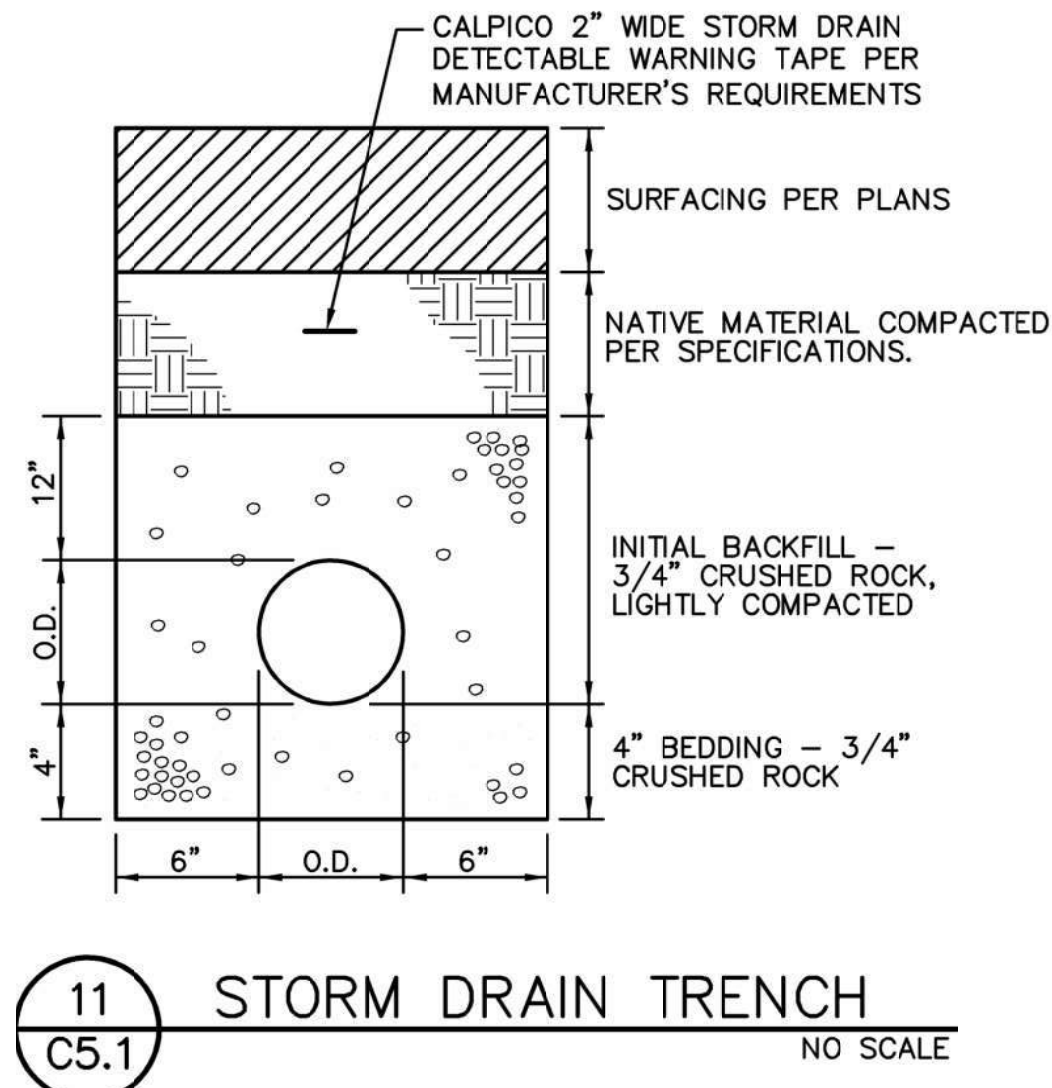
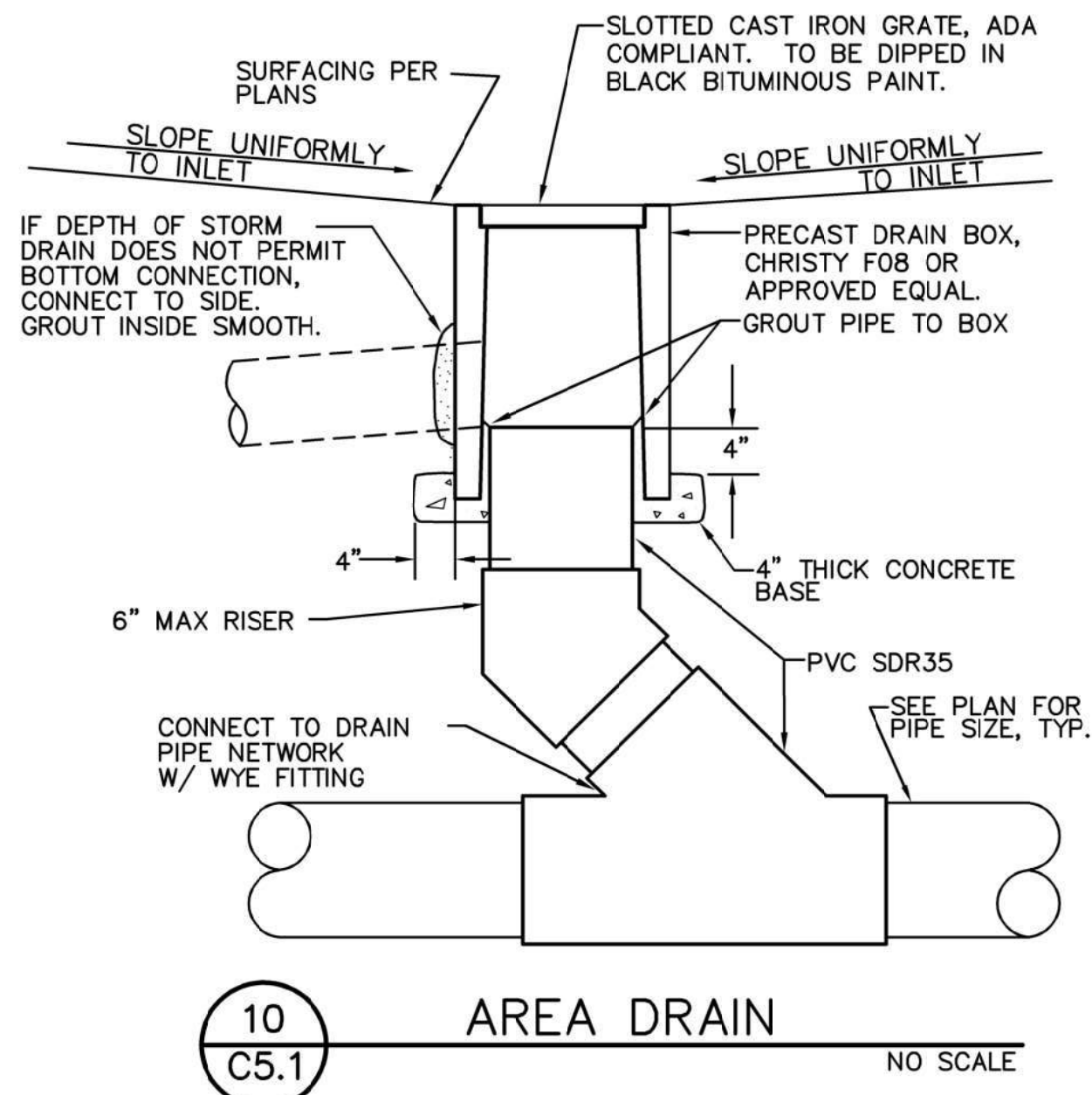
3 UNAUTHORIZED VEHICLE SIGN  
C4.4 NO SCALE



STRIPING AND SIGNAGE NOTES

6. PROVIDE NEW HARD COURT STRIPING TO MATCH EXISTING CONDITION.





IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

DETAILS

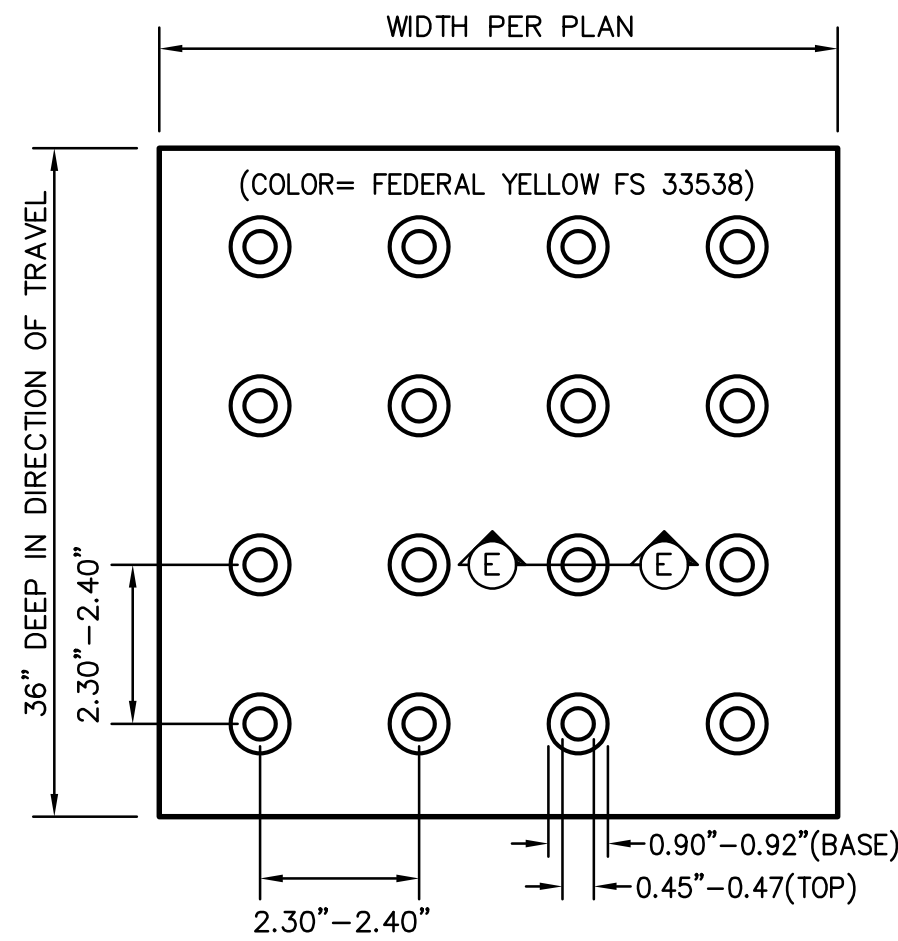
CONSULTANT



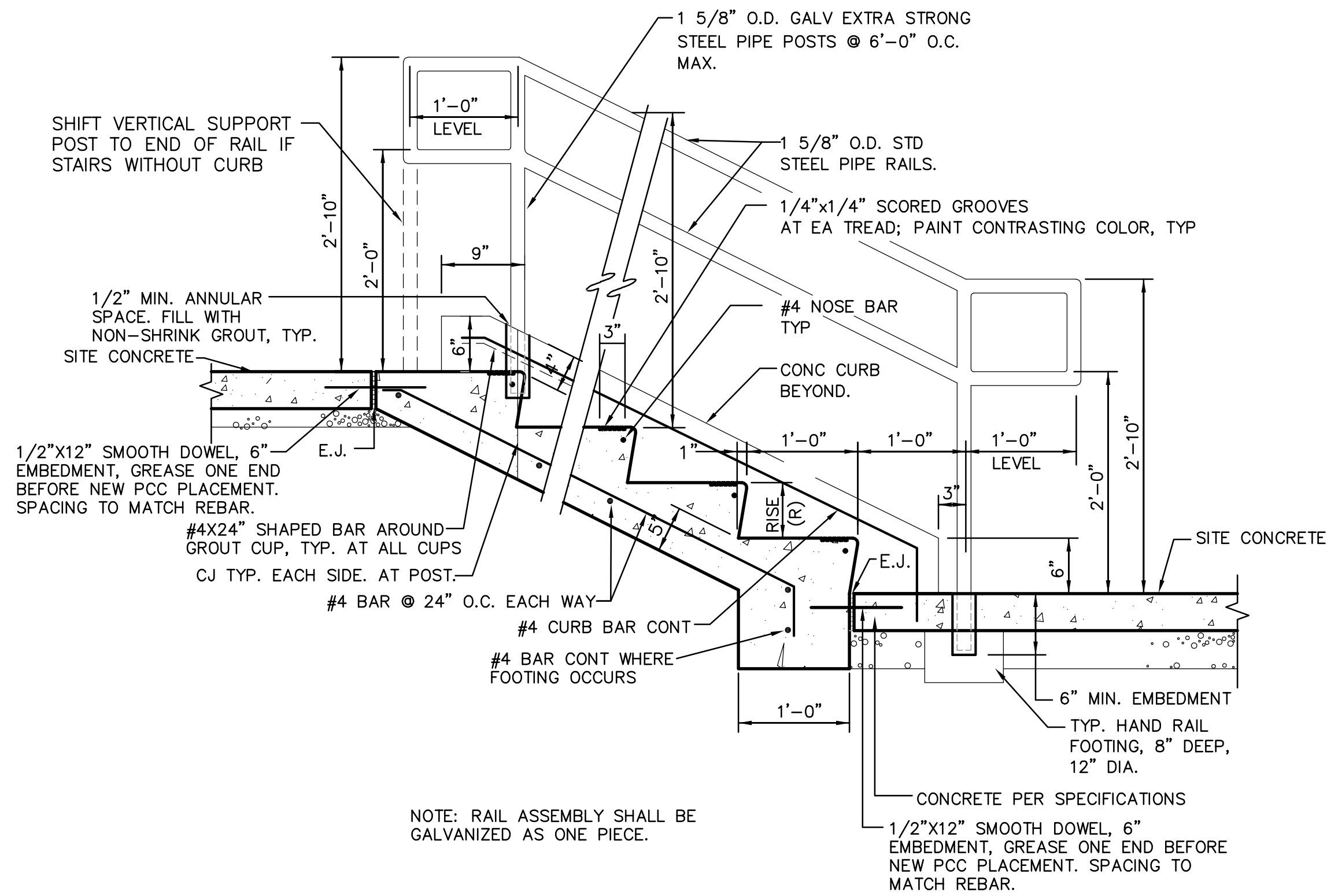
PROJECT NO.	REVISIONS	BY
21-32-52		
DATE		
3/28/2022		
DRAWN	ML/MG	
CHECKED	MG	
SCALE	AS NOTED	
CADFILE		
UPDATED	11/17/2022	
SHEET NO.		

C5.1

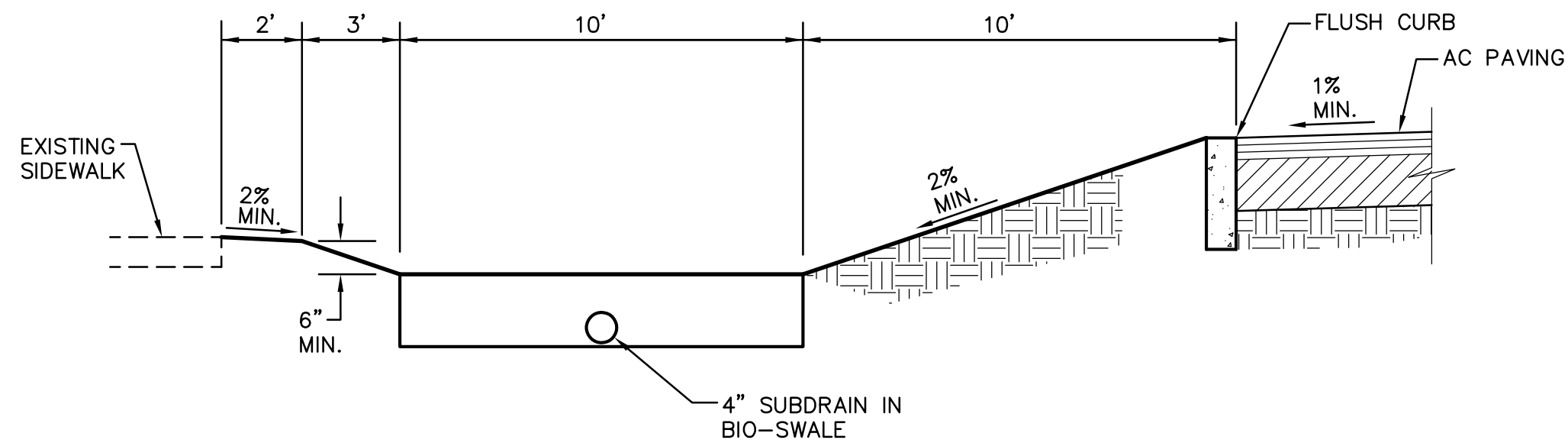




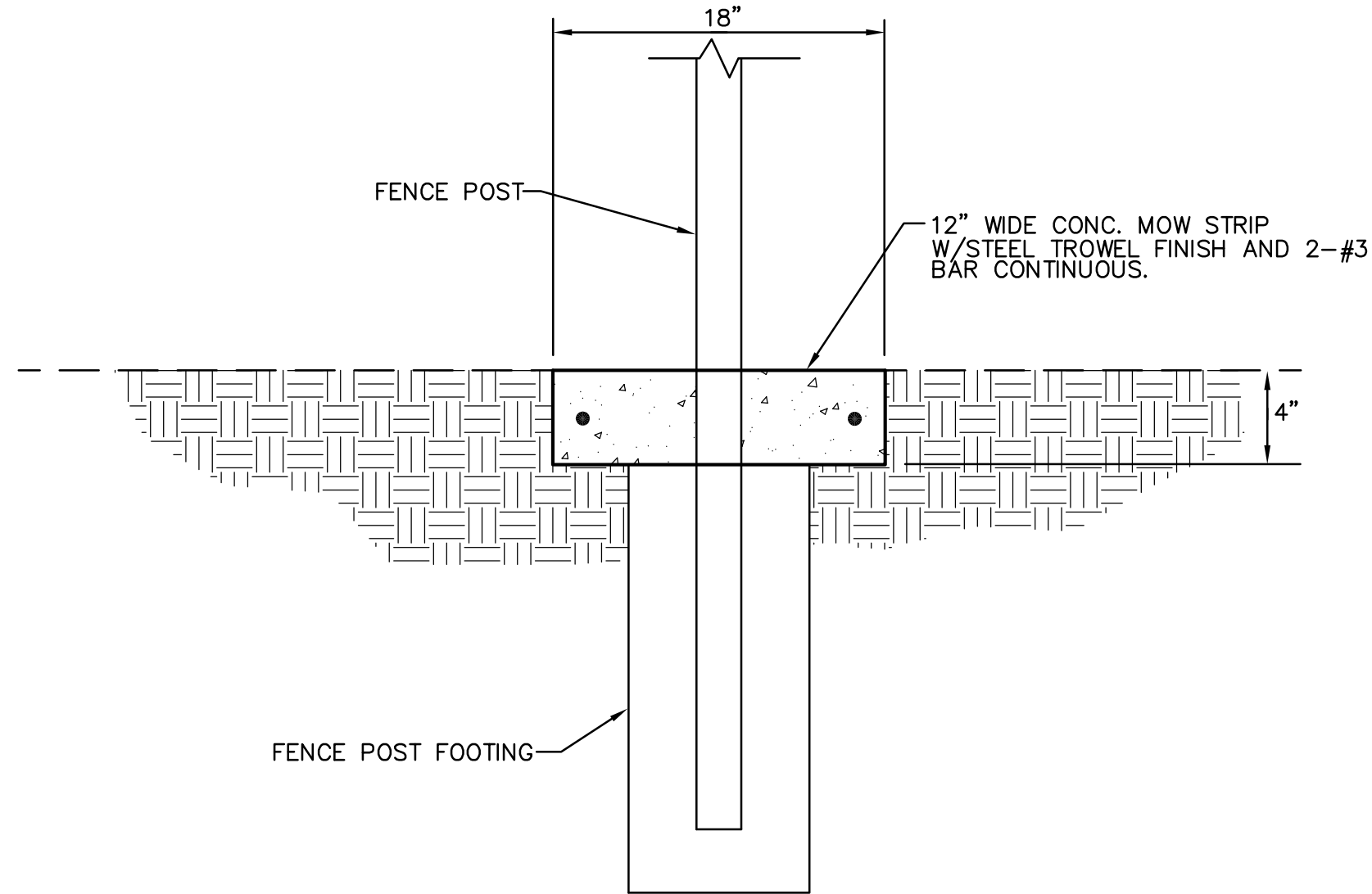
6 TRUNCATED DOMES  
C5.2 NO SCALE



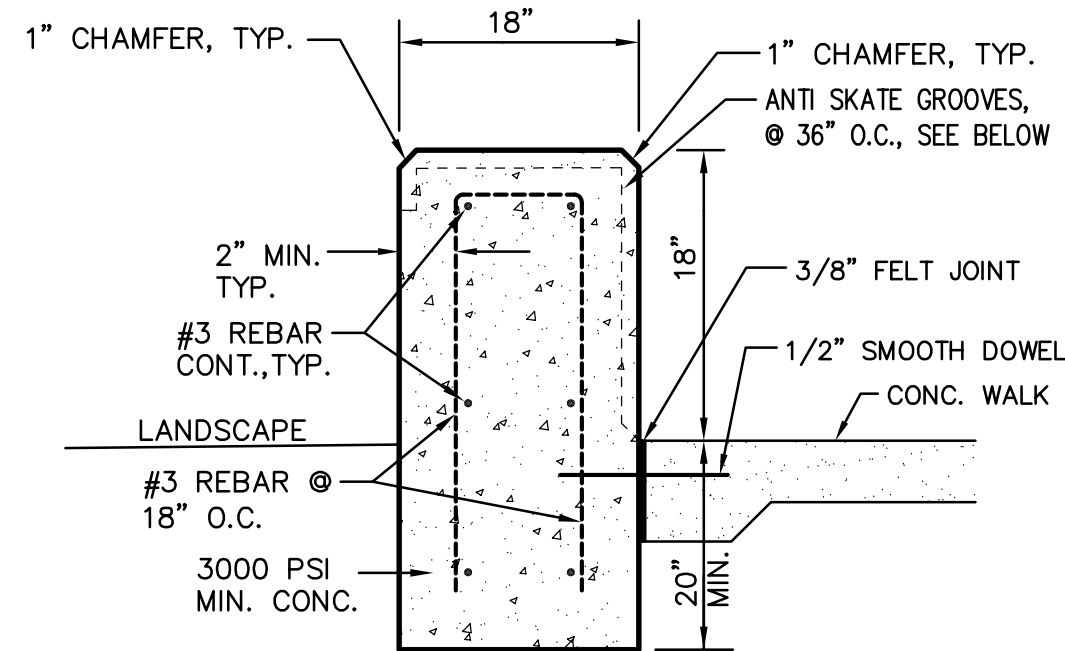
6 CONCRETE STAIRS AND RAILINGS  
C5.2 NO SCALE



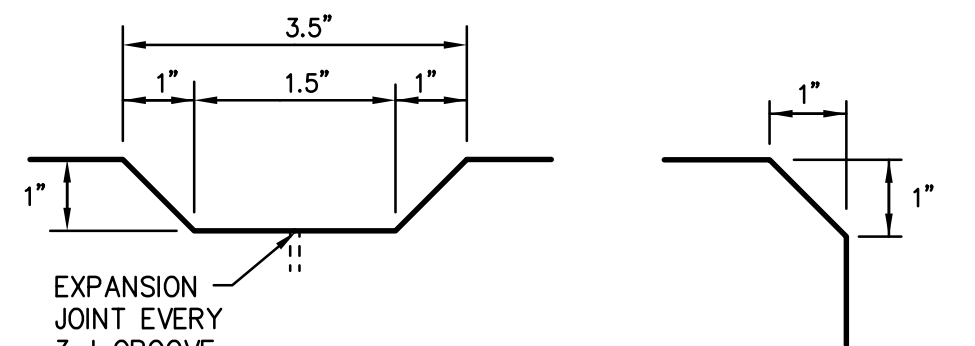
A SECTION  
C5.2 NO SCALE



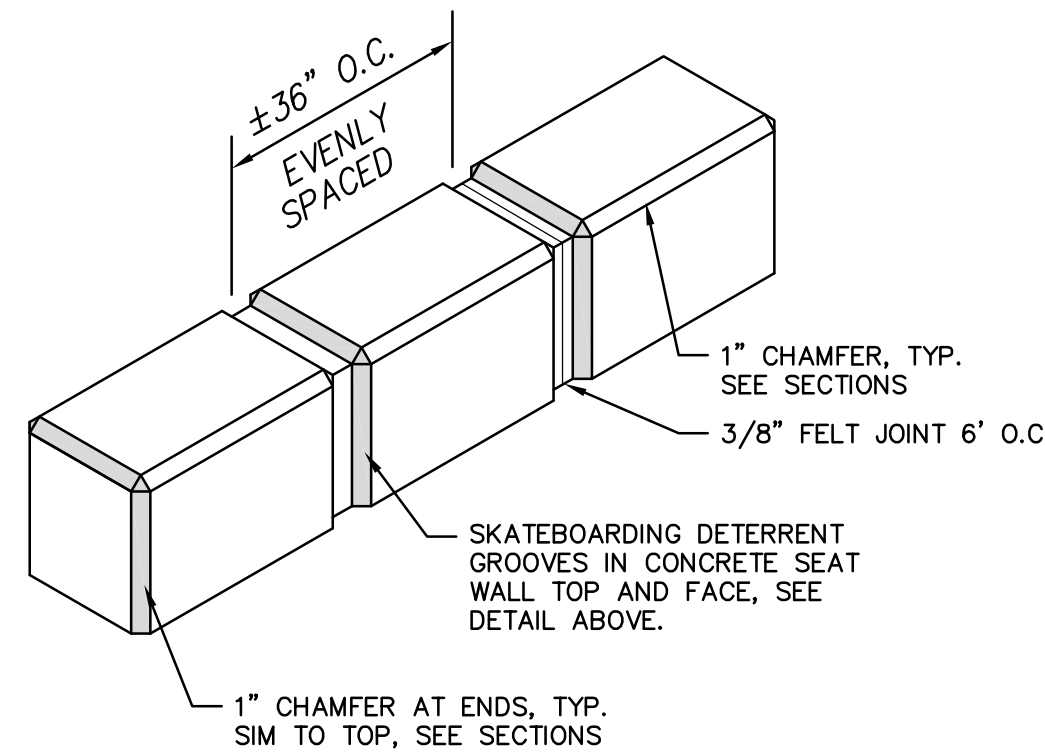
4 MOW STRIP DETAIL  
C5.2 NO SCALE



SEAT WALL SECTION



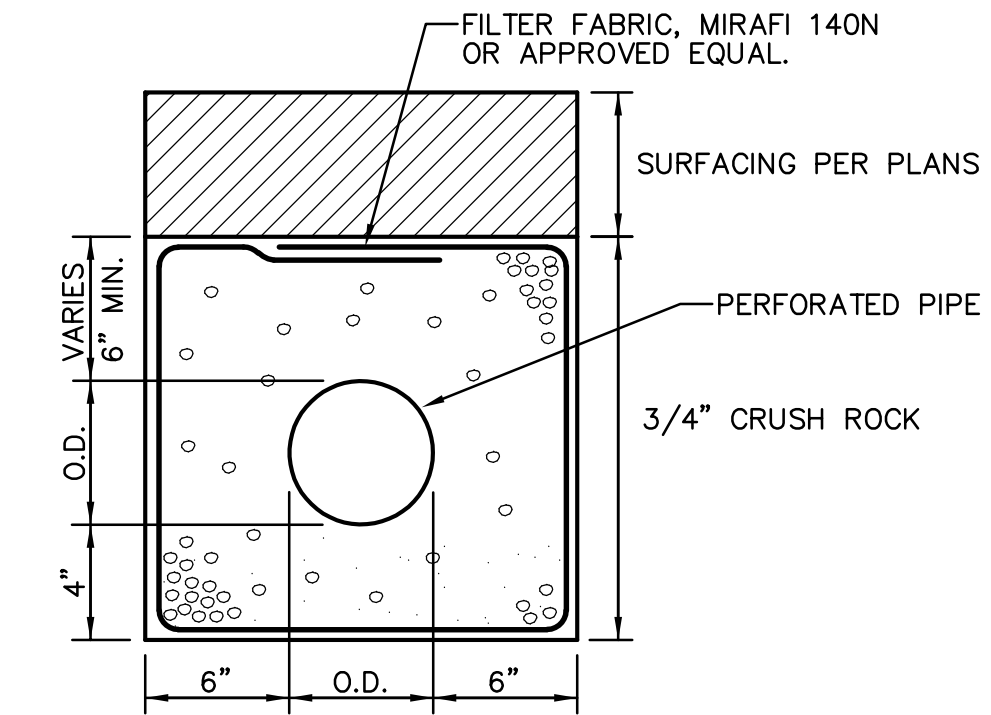
ANTI SKATE GROOVES



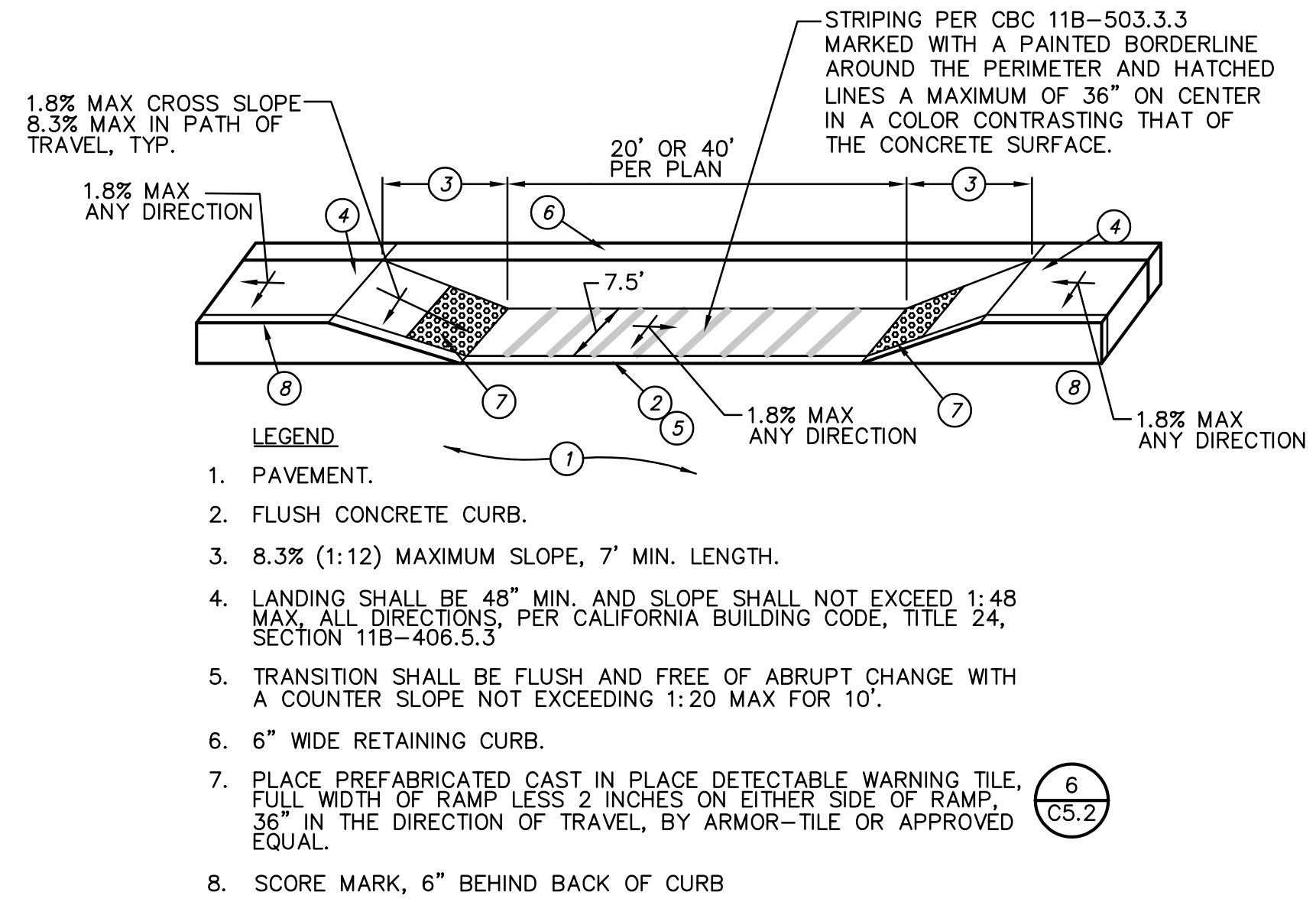
ANTI SKATE GROOVES

GENERAL NOTE:  
SACK ALL SURFACES WITH  
ARDEX TWP OR APPROVED  
EQUAL.

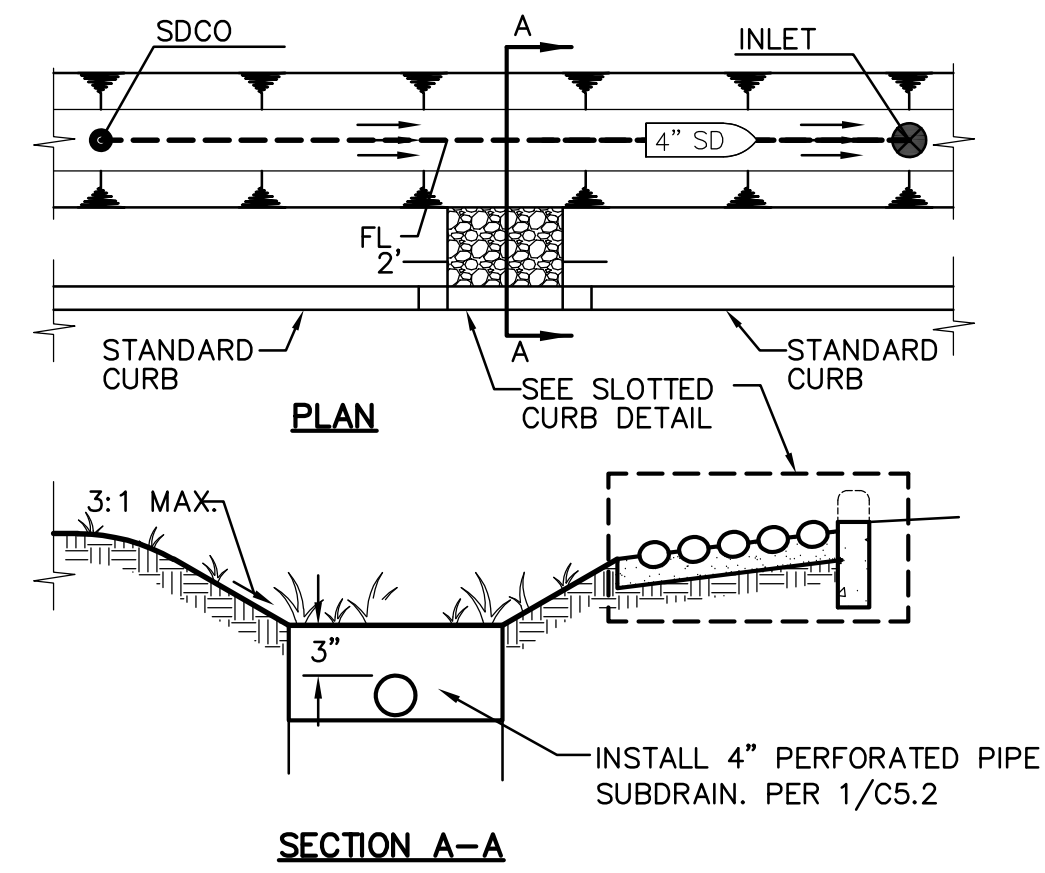
5 CONCRETE SEATWALL  
C5.2 NO SCALE



1 SUBDRAIN TRENCH DETAIL  
C5.2 NO SCALE



2 LOADING/UNLOADING ZONE  
C5.1 NO SCALE



- NOTES:
1. MAXIMUM ALLOWABLE SIDE-SLOPE 3:1.
  2. GRASS TO BE PLANTED FULL WIDTH OF SWALE, AND AT A MINIMUM, TO THE WIDTH OF THE TOP OF SLOPE.

3 BIOSWALE W/SUBDRAIN  
C5.2 NO SCALE



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730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

HENRY+  
ASSOCIATES  
ARCHITECTS



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

DETAILS AND SECTIONS

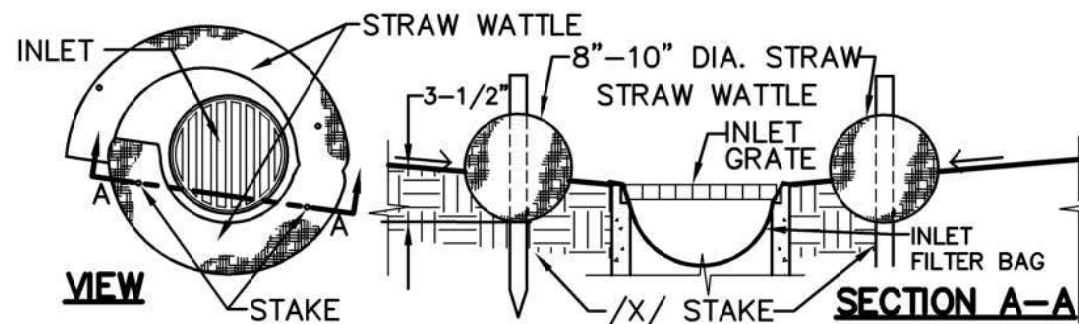
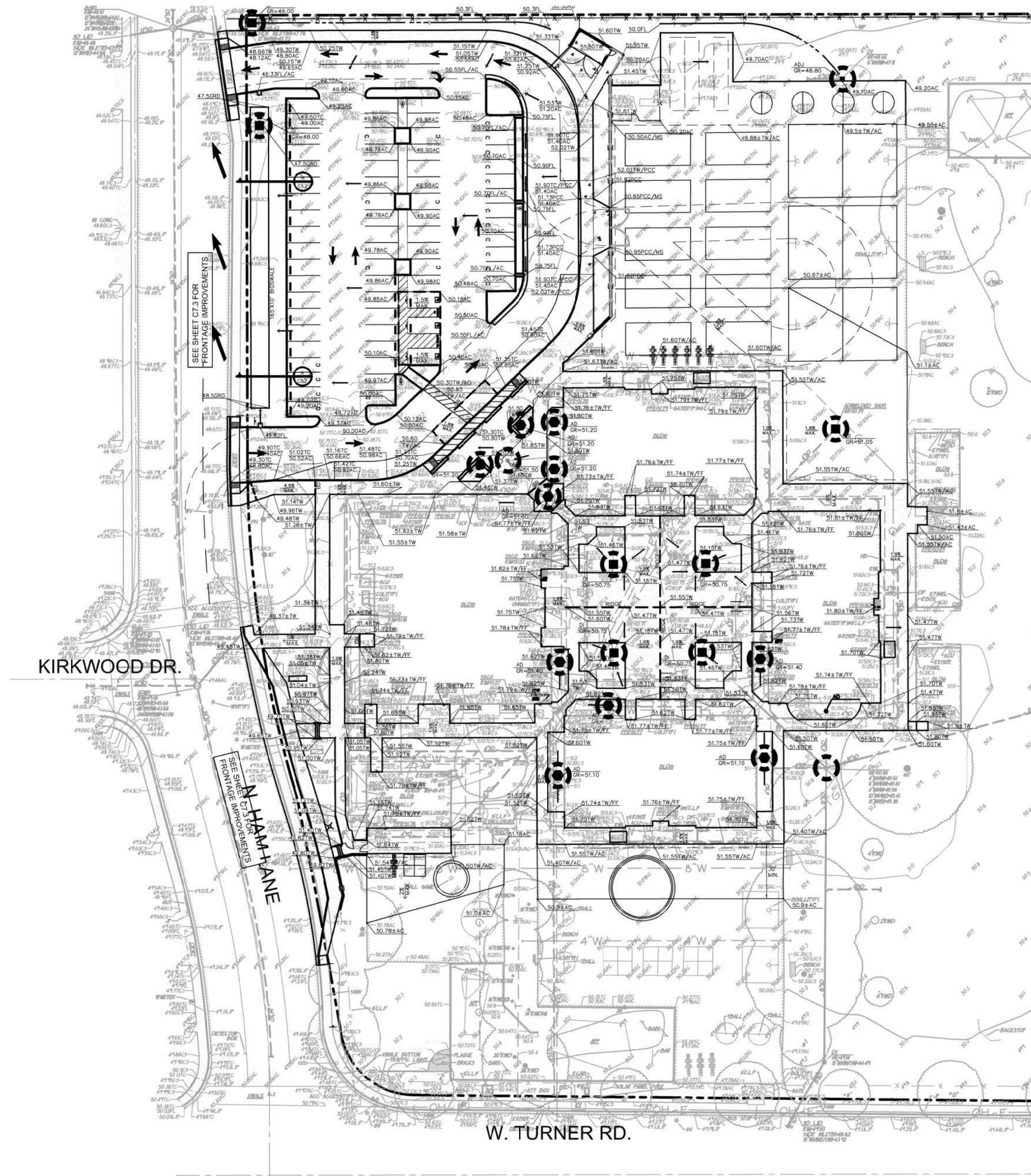
CONSULTANT

**WCE**  
WARREN CONSULTING ENGINEERS, INC.  
1117 WINDFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762 | (916) 985-1870

PROJECT NO.	REVISIONS	BY
21-32-52		
DATE		
3/28/2022		
DRAWN		
ML/MG		
CHECKED		
MG		
SCALE		
AS NOTED		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

C5.2

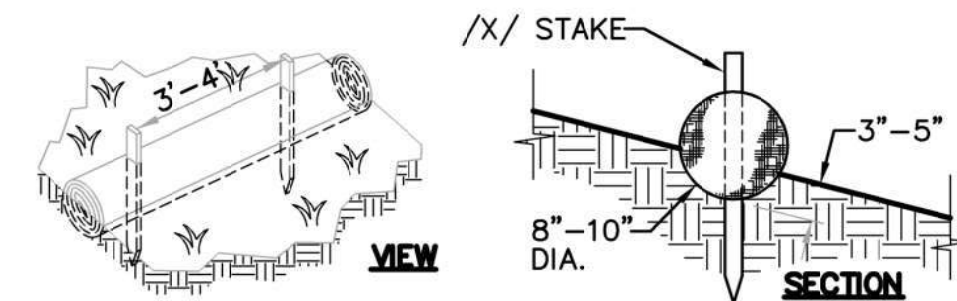




NOTE: STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3'-5' DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

### 1 STRAW WATTLE INLET FILTER

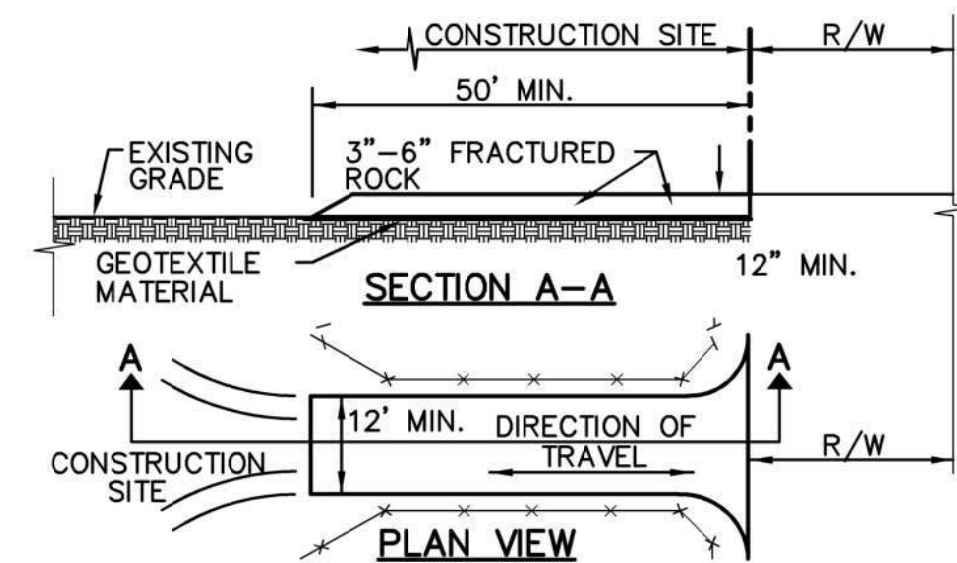
C6.1 NO SCALE



NOTE: STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3'-5' DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

### 2 STRAW ROLLS

C6.1 NO SCALE



- NOTES:
1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3'-6" ANGULAR ROCK MATERIAL CONFORMING TO SECTION 26 OF STATE SPECIFICATIONS PLACED OVER GEOTEXTILE MATERIAL. ROCK SHALL BE PLACED TO A MINIMUM THICKNESS OF SIX INCHES. THE METHOD OF PLACING, SPREADING AND COMPACTING ROCK SHALL CONFORM TO SECTION 26 OF THE STATE SPECIFICATIONS.
  2. LENGTH OF SITE ACCESS SHALL BE A MINIMUM LENGTH OF FIFTY FEET. WIDTH SHALL BE A MINIMUM WIDTH OF TWELVE FEET OR AS NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS.
  3. THE SITE ACCESS SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING.

### 3 STABILIZED CONSTRUCTION SITE ACCESS

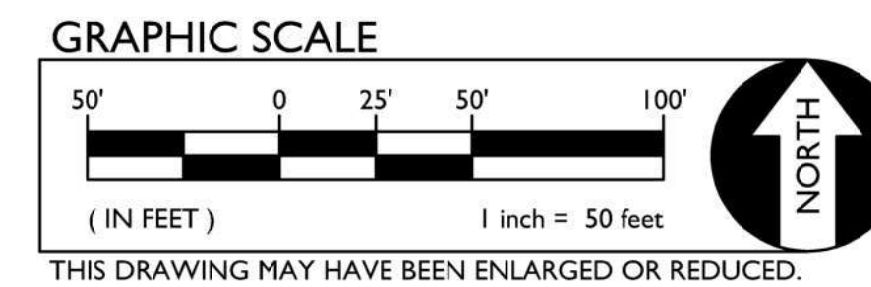
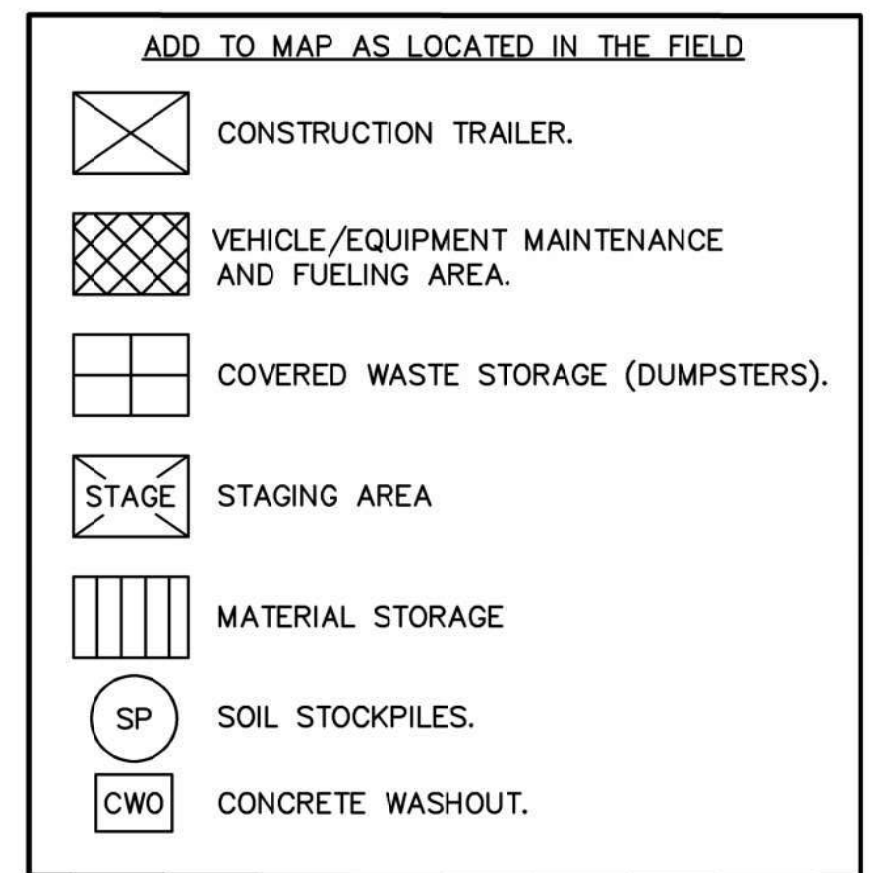
C6.1 NO SCALE

### EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
2. CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATED DURING CONSTRUCTION.
4. PRIOR TO PLACEMENT OF HYDRO SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
5. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
6. ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
7. CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
8. CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER PEDESTRIANS AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTENT. THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
9. CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
10. CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.

### LEGEND ① EROSION CONTROL NOTES

- NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR AND PROJECT QSP.
1. CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF ON-SITE WORK PER THE DETAIL PROVIDED. IN ADDITION TO WATTLE, PROVIDE FILTER BAG AT EACH INLET. STRAW WATTLES NOT REQUIRED AT INLETS IN PAVED AREAS, ONLY FILTER BAG.
  2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL.
  3. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL.
  4. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A STAGING AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BMP HANDBOOK. SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA TO NATURAL CONDITION.



MONITORING SCHEDULE													
1. WITHIN 2 BUSINESS DAYS (48 HOURS) PRIOR TO EACH QUALIFYING RAIN EVENT.													
2. EVERY 24 HOURS DURING A QUALIFYING RAIN EVENT.													
3. WITHIN 2 BUSINESS DAYS (48 HOURS) AFTER EACH QUALIFYING RAIN EVENT RESULTING IN 0.50 INCHES OF RAIN OR MORE.													
4. RECORD THE TIME, DATE AND RAIN GAUGE READING OF ALL QUALIFYING RAIN EVENTS.													
5. QUARTERLY NON-STORM WATER DISCHARGE INSPECTIONS.													
6. WEEKLY INSPECTIONS.													

PROJECT INFORMATION	
PARCEL AREA	— ACRES
TOTAL DISTURBED AREA	— ACRES
S.W.P.P.P. REQUIRED?	NO

ANY CHANGES MADE TO THE SWPPP IN THE FIELD MUST BE SHOWN ON THE MAP. UPDATE MAP TO REFLECT CHANGES.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

STORM DRAINAGE OUTFALL BMP'S REFER TO PROTECT CONSTRUCTION PLAN DETAILS FOR SPECIFIC POST CONSTRUCTION BMP MEASURES AT OUTFALL STRUCTURES.

SEDIMENT AND EROSION CONTROL MEASURES ON SWPPP MAP ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS.

PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES													
	WET SEASON					WET & DRY SEASON								
	HYDRO-SEEDING	STRAW MULCHING/TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING
PRE-GRADING	X	X		X			X					N/A	N/A	N/A
CUT-FILL ACTIVITIES	X	X	X	X	X	X	X			X	X		X	X
UNDERGROUND WORK	X	X	X	X	X	X	X	X		X	X		X	X
STORM IMPROVEMENTS	X		X	X	X	X	X	X		X	X		X	X
CURB AND GUTTER	N/A		X	X	X	X	X	X		X	X		X	X
STREET IMPROVEMENTS			X	X	X	X	X	X		X	X		X	X
PAVE OUT				X	X		X	X		X	X		X	X
POST CONSTRUCTION			X	X	X									
MAINTENANCE SCHEDULE														
DAILY*														
WEEKLY*		X	X		X	X		X		X	X		X	X
MONTHLY*														
BEFORE RAIN		X	X		X	X		X		X	X			
DURING RAIN		X	X		X	X		X		X	X			
AFTER RAIN		X	X		X	X		X		X	X			
AS NEEDED				X			X						X	

\* = WHEN RAIN EVENT INSPECTIONS OCCURS, THEY MAY QUALIFY AS A DAILY, WEEKLY, OR MONTHLY INSPECTION AS APPLIES.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

EROSION CONTROL PLAN

CONSULTANT

WARREN CONSULTING ENGINEERS, INC.  
1117 WINFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762 | (916) 985-1870

PROJECT NO.	REVISIONS	BY
21-32-52		
DATE		
3/28/2022		
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11/17/2022		
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C6.1

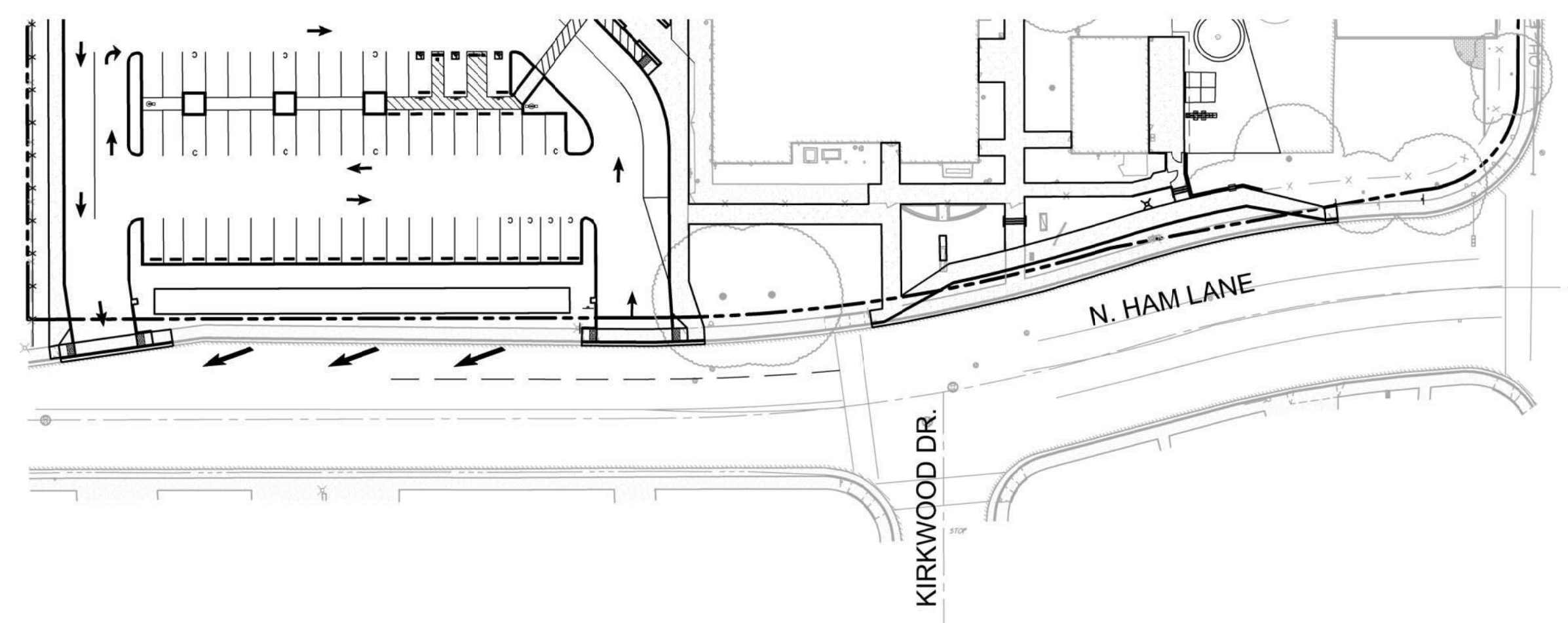


NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

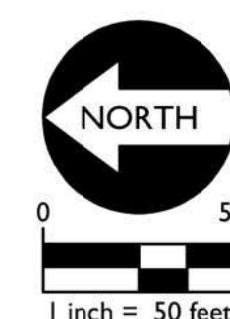
AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUBBASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC	CONCRETE
CONC. CONST.	CONSTRUCT
CR	CURB RETURN
CS	CNSORET SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DE	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
GS	GAS
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
P/V	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RM	MANHOLE RIM ELEVATION (SOLID COVER)
RW	REDUCED PRESSURE BACKFLOW PREVENTER
SCH	RIGHT OF WAY
SD	SCHEDULE
SDMH	STORM DRAIN
SG	STORM DRAIN MANHOLE
SS	SUBGRADE ELEVATION
SSMH	SANITARY SEWER
STD	SANITARY SEWER MANHOLE
S/W	STANDARD
TC	SIDEWALK
TD	TELEPHONE
TD	TOP OF CURB
TD/CB	TRENCH DRAIN
TR	TRENCH DRAIN CATCH BASIN
TRW	TELEPHONE POLE
TSW	TOP OF RETAINING WALL
TW	TOP OF SEAT WALK
U	TOP OF WALK ELEVATION
UG	UTILITY
UON	UNDERGROUND
VCP	UNLESS OTHERWISE NOTED
W	VITRIFIED CLAY PIPE
W/O	WATER
WV	W/
	WITHOUT
	WATER VALVE

NOTE: NOT ALL ITEMS MAY BE USED ON THESE PLANS

	STORM DRAIN LINE (SIZE AND FLOW SHOWN)
	STORM DRAIN MANHOLE (SDMH)
	CATCH BASIN (CB)
	DROP INLET (DI)
	AREA DRAIN (AD)
	PLANTER DRAIN (PD) OR FLOOR ORN (FD)
	STORM DRAIN CLEANOUT
99.99	ELEVATION
FF=100.00	FINISHED FLOOR ELEVATION
PAD=99.33	BUILDING PAD ELEVATION
	CONCRETE SIDEWALK
	DRAINAGE FLOW
	SWALE
	SLOPE
	TREE TO BE REMOVED



SCALE 1"=50'-0"



1100 N. HAM LANE  
LODI, CA 95242



C-1	COVER SHEET
C-2	GENERAL NOTES
C-3	IMPROVEMENT PLAN

NOTE:

FIRE DEPARTMENT EMERGENCY  
ACCESS SHALL BE MAINTAINED  
DURING CONSTRUCTION.

A.P.N.	039-100-120
BENCHMARK NO. <u>1202</u> ELEV. <u>50.044</u>	
NE CORNER TURNER RD. AND HAM LN., 14.8' E/ CL OF CURB RETURN, 0.5' BEHIND BOC.	



PRINT DATE:	10-18-22
PLAN SET:	C1 - C3
SHEET NO.:	C-1
DRAWING NO.:	

COVER SHEET

FRONTAGE IMPROVEMENTS  
FOR  
LAKEWOOD ELEMENTARY SCHOOL

CITY OF LODI  
PUBLIC WORKS DEPARTMENT  
220 WEST STREET  
LODI, CA 93240  
PHONE (209) 333-6706  
FAX (209) 333-6710  
E-MAIL pwdept@lodi.gov  
WEB SITE www.lodi.gov

HORIZONTAL SCALE	AS NOTED	DESIGN	MG	DATE	NO.	REVISION	DATE
VERTICAL SCALE	CHECKED	MG	MG	10-18-22			
APPROVAL	NA	APPROVED		DATE			
INSPECTOR							
PROJECT NUMBER							

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GENERAL NOTES:

1. WORK SHALL CONFORM TO CITY OF LODI PUBLIC IMPROVEMENT DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFICALLY SHOWN OTHERWISE ON THESE PLANS.
2. STANDARD PLANS APPLICABLE TO THIS PROJECT INCLUDE 111, 112, 119, 141, 203, 401, 402, 405, 406, 411, AND 413.
3. CONSTRUCTION STAKING FOR CURB AND GUTTER, WASTE WATER LINES, STORM DRAINS, WATER LINES, STREET CENTERLINES, PAVING EDGES AND OTHER PUBLIC FACILITIES AS DIRECTED BY THE CITY SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
4. CENTERLINE AND PROPERTY LINE DATA SHALL BE PROVIDED BY WARREN CONSULTING ENGINEERS FOR THIS PROJECT.
5. EXISTING UTILITIES SHALL BE PROTECTED . UTILITY AGENCIES SHALL BE NOTIFIED AND ALLOWED TO MARK THEIR UTILITIES IN THE FIELD AT LEAST 48 HOURS BEFORE EXCAVATION. COMPLETENESS AND ACCURACY OF EXISTING UTILITY LOCATIONS SHOWN IN THESE PLANS ARE NOT GUARANTEED. CALL "USA" (800) 227-2600.
6. STREET GRADING SHALL BE DONE BEFORE UNDERGROUND WORK.
7. UNDERGROUND UTILITIES IN THE STREET AND SIDEWALK AREA SHALL BE INSTALLED BEFORE CONSTRUCTION OF CURB, GUTTER OR SIDEWALK. THESE UTILITIES INCLUDE SERVICES, FIRE HYDRANT, LATERALS, STREET LIGHT CONDUIT, ELECTRIC, GAS, CABLE TV AND TELEPHONE LINES.
8. EXCAVATION SAFETY REQUIREMENTS INCLUDE SUBMITTING A CAL OSHA PERMIT OR LETTER OF NOTIFICATION TO THE CITY BEFORE COMMENCING EXCAVATIONS OVER FIVE FEET DEEP. REFER TO CITY CONSTRUCTION SPECIFICATION 6-19.04 "EXCAVATION SAFETY" FOR ADDITIONAL REQUIREMENTS.
9. ALL TESTING FOR LEAKAGE SHALL BE WITNESSED BY A CITY INSPECTOR.
10. BALLING AND CLEANING OF STORM DRAIN AND SANITARY SEWER SHALL BE DONE BEFORE INTERIOR VIDEO INSPECTION. UTILITIES SHALL BE KEPT CLEAN UNTIL CITY ACCEPTANCE.

ADDITIONAL CONSTRUCTION NOTES:

11. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, CITY INSPECTOR AND ALL UTILITY AGENCIES AT LEAST ONE WEEK PRIOR TO THE DATE OF THE MEETING. THE CONTRACTOR'S JOB SUPERINTENDENT, AND ALL MAJOR SUBCONTRACTORS SHALL ATTEND.
12. BEDDING FOR ALL PIPE LINES SHALL CONFORM TO CITY OF LODI STANDARD PLAN 501, 501-A, 501-B AND 501-C UNLESS OTHERWISE SHOWN. REFER TO TRENCH DETAILS - THIS SHEET.
13. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY FOR ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
14. WATER USED IN ANY PHASE OF CONSTRUCTION, SUCH AS BACKFILL COMPACTION, DUST CONTROL, TESTING OR OTHER WORK HEREIN REQUIRED, SHALL BE INCLUDED IN THE UNIT PRICE OR LUMP SUM BID FOR THE RESPECTIVE ITEM OF CONSTRUCTION OR ITEMS OF WORK.
15. ENGINEER SHALL SET ALL SURVEY CONTROLS AND CONSTRUCTION STAKES AS NECESSARY FOR COMPLETION OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY AND CONSTRUCTION STAKES. SURVEY AND CONSTRUCTION STAKES THAT ARE LOST OR DESTROYED DUE TO CONTRACTOR'S NEGLIGENCE WILL BE SET BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
16. CONTRACTOR SHALL GIVE ENGINEER A MINIMUM OF 48 HOURS NOTICE WHEN REQUESTING CONSTRUCTION STAKING.
17. TRAFFIC FLOW AND ACCESS ENTRYWAY SHALL BE MAINTAINED.
18. PUBLIC ROADWAYS SHALL REMAIN OPEN AT ALL TIMES. TRAFFIC CONTROL PER CALTRANS TRAFFIC CONTROL MANUAL 1995. NO OPEN TRENCHES EXCEPT AT THE TIME OF WORK. USE STEEL PLATES OR BACKFILL WITH A.C. CAP. ONE-WAY TRAFFIC REQUIRES FLAGGER PRESENT AT ALL TIMES. TRAFFIC CONTROL PLANS TO BE SUBMITTED TO THE CITY OF LODI PUBLIC WORKS DEPARTMENT.
19. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO KEEP DUST TO A MINIMUM. COST TO BE INCLUDED IN OTHER ITEMS OF WORK. SEE SHEET 004D015-11 FOR EROSION AND DUST CONTROL NOTES.
20. THE CONTRACTOR IS TO VERIFY THE DEPTH AND/OR LOCATION IN THE FIELD OF ALL EXISTING UTILITIES BEFORE THE START OF CONSTRUCTION.
21. THE DEVELOPER IS RESPONSIBLE FOR REPLACEMENT OF MISSING AND DAMAGED FILTER SCREENS UNTIL PROJECT IS ACCEPTED. A ROUTINE MAINTENANCE SCHEDULE IS TO BE MAINTAINED. FILTER SCREENS SHALL BE SECURED TO THE CATCH BASINS DURING THIS PERIOD.
22. ABANDONED IRRIGATION PIPES SHALL BE REMOVED.
23. WASTE WATER GENERATED BY CONCRETE WORK TO BE CAPTURED AND VACUUMED PRIOR TO ENTERING CITY STORM DRAIN SYSTEM.
24. THE CONTRACTOR SHALL PERFORM AT HIS EXPENSE ALL TESTS SPECIFIED OR REQUIRED BY THE CITY OF LODI QUALITY ASSURANCE PROGRAM TO ASSURE THAT CONSTRUCTION PROJECTS ARE IN CONFORMANCE WITH THE CITY OF LODI CONSTRUCTION SPECIFICATIONS. THE CONTRACTOR SHALL FURNISH ALL FACILITIES, LABOR AND MATERIALS REASONABLY REQUIRED FOR PERFORMING SAFE AND CONVENIENT TESTS AS ARE REQUIRED BY THE QUALITY ASSURANCE PROGRAM AND CONSTRUCTION SPECIFICATIONS. RESULTS OF THE TESTING PROCEDURES WILL BE PRESENTED TO THE CITY OF LODI PUBLIC WORKS INSPECTOR IN A TIMELY FASHION SO AS NOT TO DELAY THE CONTINUATION OF WORK. ANY SUCH DELAY SHALL SOLELY BE THE RESPONSIBILITY OF THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, A FINAL REPORT CONTAINING ALL TEST RESULTS PRESENTED IN AN ORDERLY MANNER SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. A COPY OF THE QUALITY ASSURANCE PROGRAM IS ON FILE IN THE CITY OF LODI PUBLIC WORKS DEPARTMENT.
25. STREETS ADJACENT TO THE PROJECT SITE SHOULD BE SWEEPED AS NEEDED TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES. DAILY IF NEEDED.
26. UTILITY PIPE HORIZONTAL AND VERTICAL CLEARANCES SHALL COMPLY WITH STATE HEALTH STANDARDS.

CLEARING AND GRADING NOTES:

28. ALL SITE VEGETATION, EXISTING TREES, STUMPS AND ETC. SHALL BE STRIPPED FROM BUILDING AND PAVEMENT AREA.
29. A SOILS INVESTIGATION HAS BEEN PREPARED BY FILE NO. \_\_\_\_\_ DATED \_\_\_\_\_ ALL SOILS WORK WILL STRICTLY ADHERE TO RECOMMENDATIONS AND REQUIREMENTS WITHIN THAT REPORT.
30. CONTRACTOR TO REMOVE ANY SEDIMENTATION DEPOSITED ON EXISTING PAVED ROADWAYS PRIOR TO LEAVING THE SITE, IF POSSIBLE, AND IN ALL CASES WITHIN 24 HOURS.

DUST CONTROL REQUIREMENTS:

31. ALL MATERIAL EXCAVATED OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT EXCESSIVE AMOUNT OF DUST. WATERING SHOULD OCCUR AT LEAST TWICE A DAY WITH COMPLETE COVERAGE, PREFERABLY IN THE LATE MORNING AND AFTER WORK IS DONE FOR THE DAY.
32. ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE DURING PERIODS OF HIGH WINDS GREATER THAN 20 MPH AVERAGE OVER ONE HOUR.
33. ALL AREAS WITH VEHICLE TRAFFIC SHOULD BE WATERED PERIODICALLY FOR STABILIZATION OF DUST EMISSIONS.
34. STREETS ADJACENT TO THE PROJECT SITE SHOULD BE SWEEPED AS NEEDED TO REMOVE SILT WHICH MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES.
35. THE AREA DISTURBED BY CLEARING, EARTH MOVING OR EXCAVATION ACTIVITIES SHOULD BE MINIMIZED AT ALL TIMES.
36. ALL MATERIAL TRANSPORTED ON OR OFF-SITE SHALL EITHER BE SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNT OF DUST.
37. ALL INTERNAL COMBUSTION ENGINE DRIVEN EQUIPMENT SHOULD BE PROPERLY MAINTAINED AND WELL TUNED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
38. DUST CONTROL IS THE CONTRACTORS SOLE RESPONSIBILITY WHEN WORKING ON-SITE. THE ABOVE WORK SHALL BE INCLUDED IN THE BID. THE CONTRACTOR SHALL ALSO WATER THE SITE, AS AN EXTRA, WHEN REQUESTED BY THE CITY OR THE OWNER. STOCKPILE AREA TO BE INCLUDED UNDER BID DUST CONTROL.
39. ON-SITE VEHICLE SPEEDS SHALL BE LIMITED TO 15 MPH.
40. ALL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT.
41. WHEN CONDITIONS ARE DRY, ALL MATERIAL EXCAVATED OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT EXCESSIVE AMOUNT OF DUST. WATERING SHOULD OCCUR AT LEAST TWICE A DAY WITH COMPLETE COVERAGE, PREFERABLY IN THE LATE MORNING AND AFTER WORK IS DONE FOR THE DAY.

WINTERIZATION NOTES:

42. EROSION CONTROL. ALL CATCH BASINS SHALL BE SEALED UNTIL THE COMPLETION OF THE PROJECT. IF SITE WORK EXTENDS INTO THE RAINY SEASON, OTHER MEASURES MAY BE TAKEN AS REQUIRED BY THE CITY AND ARCHITECT AT NO ADDITIONAL COST TO THE OWNER. ALL STORM DRAINAGE TRAPS SHALL BE CLEANED PRIOR TO ACCEPTANCE.
43. COST OF EROSION CONTROL AND OTHER ITEMS OF WINTERIZATION SHALL BE INCLUDED IN THE ITEM ENTITLED "EROSION CONTROL AND WINTERIZATION".
44. CONTRACTOR WILL BE REQUIRED TO CLEAN EXISTING STORM DRAIN DOWNSTREAM OF THIS PROJECT AS NECESSARY. DETERMINE EXISTING CONDITION WITH CITY INSPECTOR PRIOR TO CONSTRUCTION.
45. CONTRACTOR SHALL REMOVE ANY IRRIGATION LINES ENCOUNTERED.
46. NO WELLS, SEPTIC TANKS OR OTHER UNDERGROUND TANKS ARE KNOWN TO EXIST ON THIS SITE.

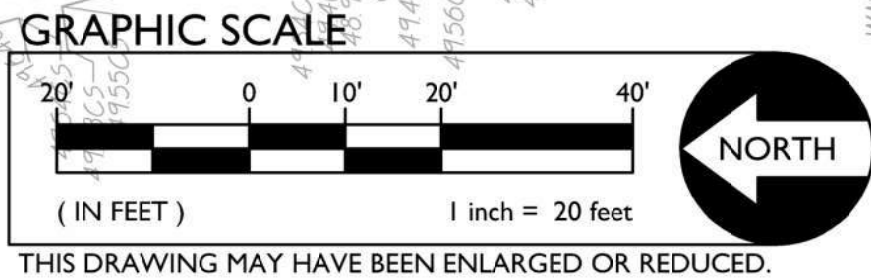
EROSION AND SEDIMENT CONTROL NOTES:

47. NOTICE OF INTENT (NOI) FOR STATE GENERAL NPDES CONSTRUCTION PERMIT IS REQUIRED PRIOR TO SITE WORK.
48. REFERENCE WQID # \_\_\_\_\_
49. ALL CATCH BASINS SHALL BE SEALED UNTIL THE COMPLETION OF THE PROJECT. IF SITE WORK EXTENDS INTO THE RAINY SEASON, OTHER MEASURES MAY BE TAKEN AS REQUIRED BY THE CITY AND ARCHITECT AT NO ADDITIONAL COST TO THE OWNER. ALL STORM DRAINAGE TRAPS SHALL BE CLEANED PRIOR TO ACCEPTANCE.
50. COST OF EROSION CONTROL AND OTHER ITEMS OF WINTERIZATION SHALL BE INCLUDED IN THE ITEM ENTITLED "EROSION CONTROL AND WINTERIZATION"
51. CONTRACTOR WILL BE REQUIRED TO CLEAN EXISTING STORM DRAIN DOWNSTREAM OF THIS PROJECT AS NECESSARY. DETERMINE EXISTING CONDITION WITH ENGINEER AND CITY INSPECTOR PRIOR TO CONSTRUCTION. PUMPED WATER TO BE DISCHARGED TO THE SOUTH.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

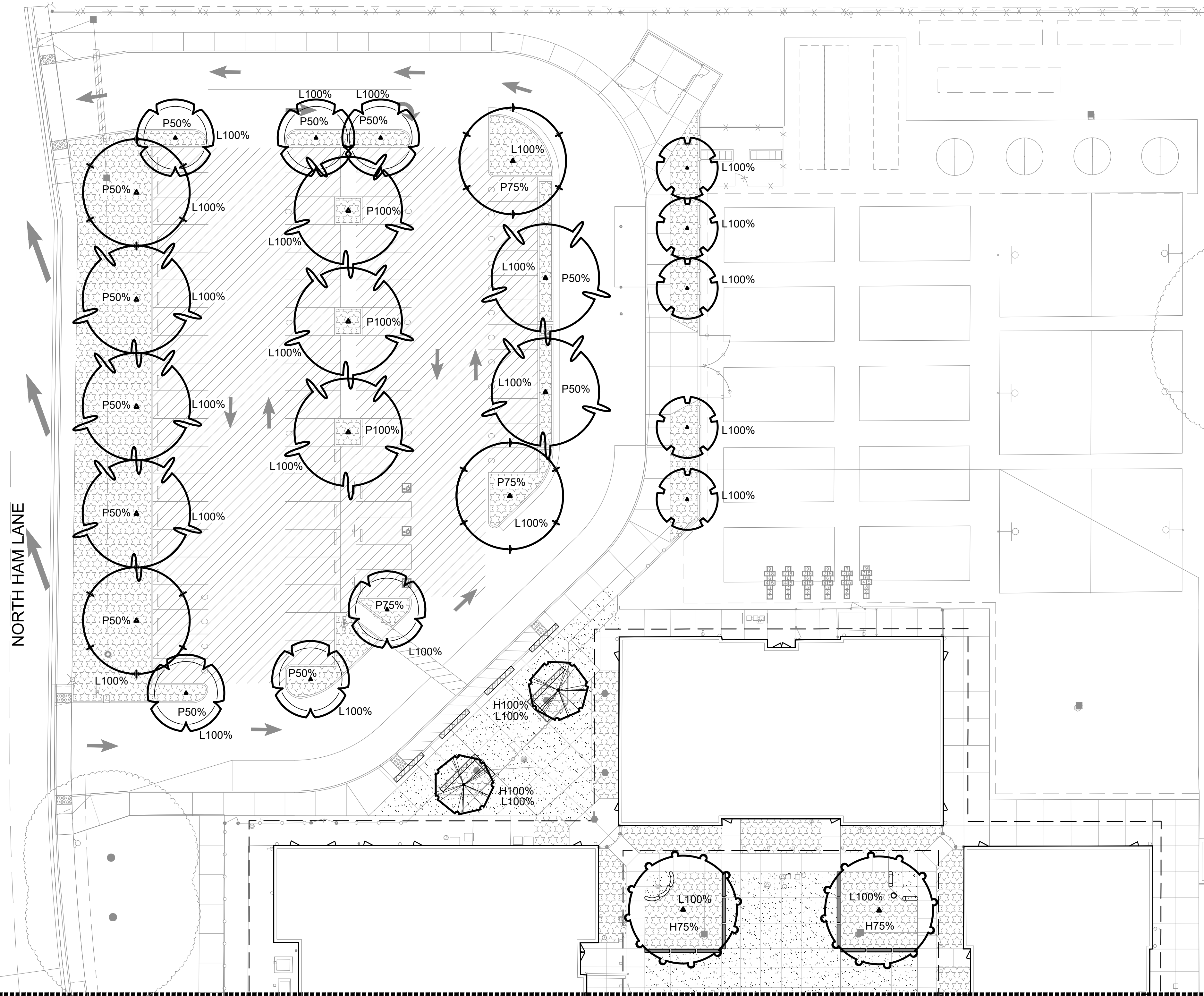
DATE		REVISION		NO.		NO.		NO.	





WARREN CONSULTING ENGINEERS, INC.  
1117 WINDFIELD WAY, SUITE 110  
EL DORADO HILLS, CA 95762 | (916) 985-187





MATCHLINE, SEE SHEET L0.2

KEY

TREE SHADING LEGEND

TREES - NOT ALL SYMBOLS SHOWN  
WITH TREE SHADING CANOPY PERCENTAGE  
NOTE: COORDINATE UTILITY LINE LOCATIONS WITH TREE PLACEMENTS

SHADE PERCENTAGE: PARKING  
SHADE PERCENTAGE: HARDSCAPE  
SHADE PERCENTAGE: LANDSCAPE

AREA USED AS 'TOTAL PARKING AREA'

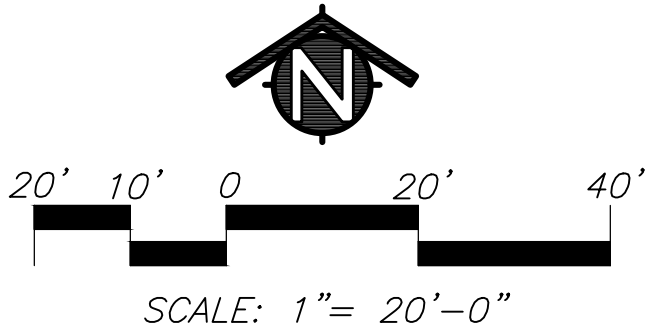
AREA USED AS 'TOTAL HARDSCAPE AREA'

AREA USED AS 'TOTAL LANDSCAPE AREA'

PARKING LOT SHADING (50% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
35'	3 (962) = 2,886 S.F.	2 (722) = 1,444 S.F.	7 (481) = 3,367 S.F.	0 (240) = X S.F.
30'	0 (706) = X S.F.	0 (530) = X S.F.	0 (354) = X S.F.	0 (177) = X S.F.
25'	0 (491) = X S.F.	1 (368) = 368 S.F.	5 (246) = 1,230 S.F.	0 (123) = X S.F.
20'	0 (314) = X S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	2,886 S.F.	1,812 S.F.	4,597 S.F.	0 S.F.
TOTAL PARKING LOT AREA = 17,998 S.F. (8,999 S.F. NEEDED)				
TOTAL SHADED AREA = 9,295 S.F.				
PERCENTAGE OF SHADE = 51.6%				

HARDSCAPE SHADING (20% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
35'	0 (962) = X S.F.	4 (722) = 2,888 S.F.	0 (481) = X S.F.	0 (240) = X S.F.
30'	0 (706) = X S.F.	0 (530) = X S.F.	0 (354) = X S.F.	0 (177) = X S.F.
25'	0 (491) = X S.F.	0 (368) = X S.F.	0 (246) = X S.F.	0 (123) = X S.F.
20'	2 (314) = 628 S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	628 S.F.	2,888 S.F.	0 S.F.	0 S.F.
TOTAL PAVED AREA = 8,100 S.F. (1,620 S.F. NEEDED)				
TOTAL SHADED AREA = 3,516 S.F.				
PERCENTAGE OF SHADE = 43.4%				

LANDSCAPE SHADING (20% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
30'	16 (707) = 11,312 S.F.	00 (530) = 0000 S.F.	00 (354) = 0000 S.F.	00 (177) = 0000 S.F.
20'	8 (314) = 2,512 S.F.	00 (236) = 0000 S.F.	00 (157) = 0000 S.F.	00 (79) = 0000 S.F.
SUB-TOTALS	13,824 S.F.	0 S.F.	0 S.F.	0000 S.F.
LANDSCAPE AREA = 12,821 S.F. (2,564 S.F. NEEDED)				
TOTAL SHADED AREA = 13,824 S.F.				
PERCENTAGE OF SHADE = 107.8%				



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APP: 02-120455 INC:

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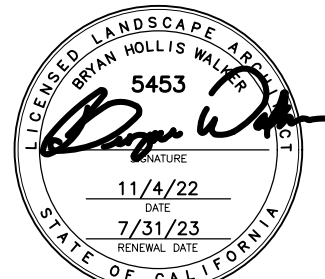
730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

TREE  
SHADING PLAN

CONSULTANT



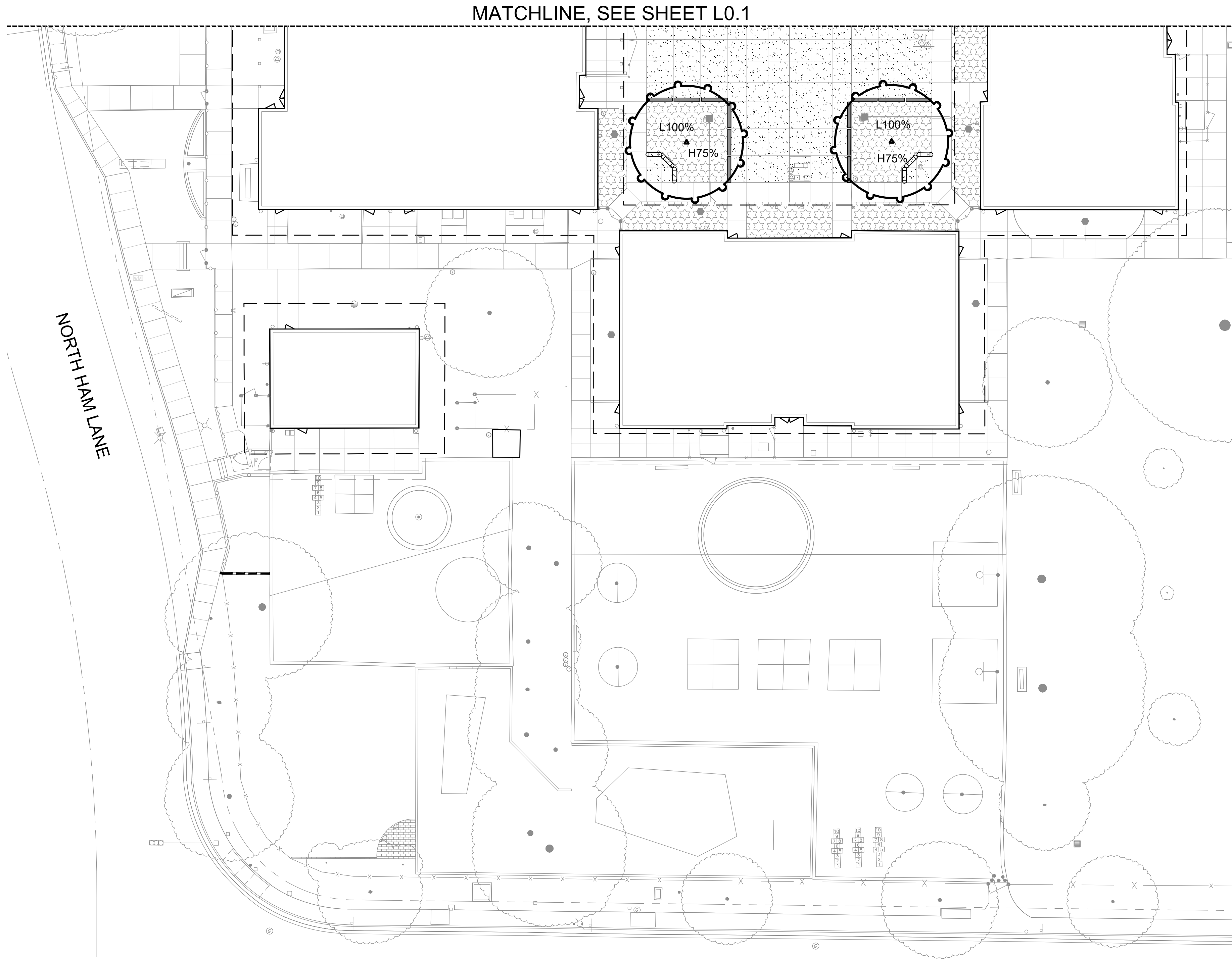
Bryan Hollis Walker C-5453

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OF 97 SHEETS





KEY

TREE SHADING LEGEND

TREES - NOT ALL SYMBOLS SHOWN  
WITH TREE SHADING CANOPY PERCENTAGE  
NOTE: COORDINATE UTILITY LINE LOCATIONS WITH TREE PLACEMENTS

SHADE PERCENTAGE: PARKING  
SHADE PERCENTAGE: HARDSCAPE  
SHADE PERCENTAGE: LANDSCAPE

AREA USED AS 'TOTAL PARKING AREA'

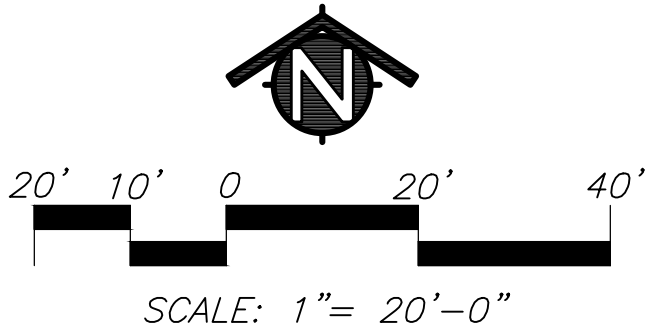
AREA USED AS 'TOTAL HARDSCAPE AREA'

AREA USED AS 'TOTAL LANDSCAPE AREA'

PARKING LOT SHADING (50% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
35'	3 (962) = 2,886 S.F.	2 (722) = 1,444 S.F.	7 (481) = 3,367 S.F.	0 (240) = X S.F.
30'	0 (706) = X S.F.	0 (530) = X S.F.	0 (354) = X S.F.	0 (177) = X S.F.
25'	0 (491) = X S.F.	1 (368) = 368 S.F.	5 (246) = 1,230 S.F.	0 (123) = X S.F.
20'	0 (314) = X S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	2,886 S.F.	1,812 S.F.	4,597 S.F.	0 S.F.
TOTAL PARKING LOT AREA = 17,998 S.F. (8,999 S.F. NEEDED)				
TOTAL SHADED AREA = 9,295 S.F.				
PERCENTAGE OF SHADE = 51.6%				

HARDSCAPE SHADING (20% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
35'	0 (962) = X S.F.	4 (722) = 2,888 S.F.	0 (481) = X S.F.	0 (240) = X S.F.
30'	0 (706) = X S.F.	0 (530) = X S.F.	0 (354) = X S.F.	0 (177) = X S.F.
25'	0 (491) = X S.F.	0 (368) = X S.F.	0 (246) = X S.F.	0 (123) = X S.F.
20'	2 (314) = 628 S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	628 S.F.	2,888 S.F.	0 S.F.	0 S.F.
TOTAL PAVED AREA = 8,100 S.F. (1,620 S.F. NEEDED)				
TOTAL SHADED AREA = 3,516 S.F.				
PERCENTAGE OF SHADE = 43.4%				

LANDSCAPE SHADING (20% WITHIN 15 YEARS)				
TREES	100%	75%	50%	25%
30'	16 (707) = 11,312 S.F.	00 (530) = 0000 S.F.	00 (354) = 0000 S.F.	00 (177) = 0000 S.F.
20'	8 (314) = 2,512 S.F.	00 (236) = 0000 S.F.	00 (157) = 0000 S.F.	00 (79) = 0000 S.F.
SUB-TOTALS	13,824 S.F.	0 S.F.	0 S.F.	0000 S.F.
LANDSCAPE AREA = 12,821 S.F. (2,564 S.F. NEEDED)				
TOTAL SHADED AREA = 13,824 S.F.				
PERCENTAGE OF SHADE = 107.8%				



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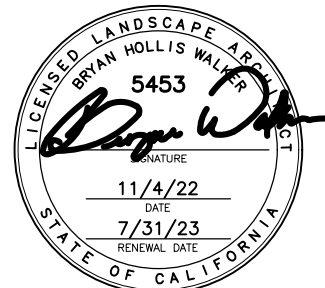
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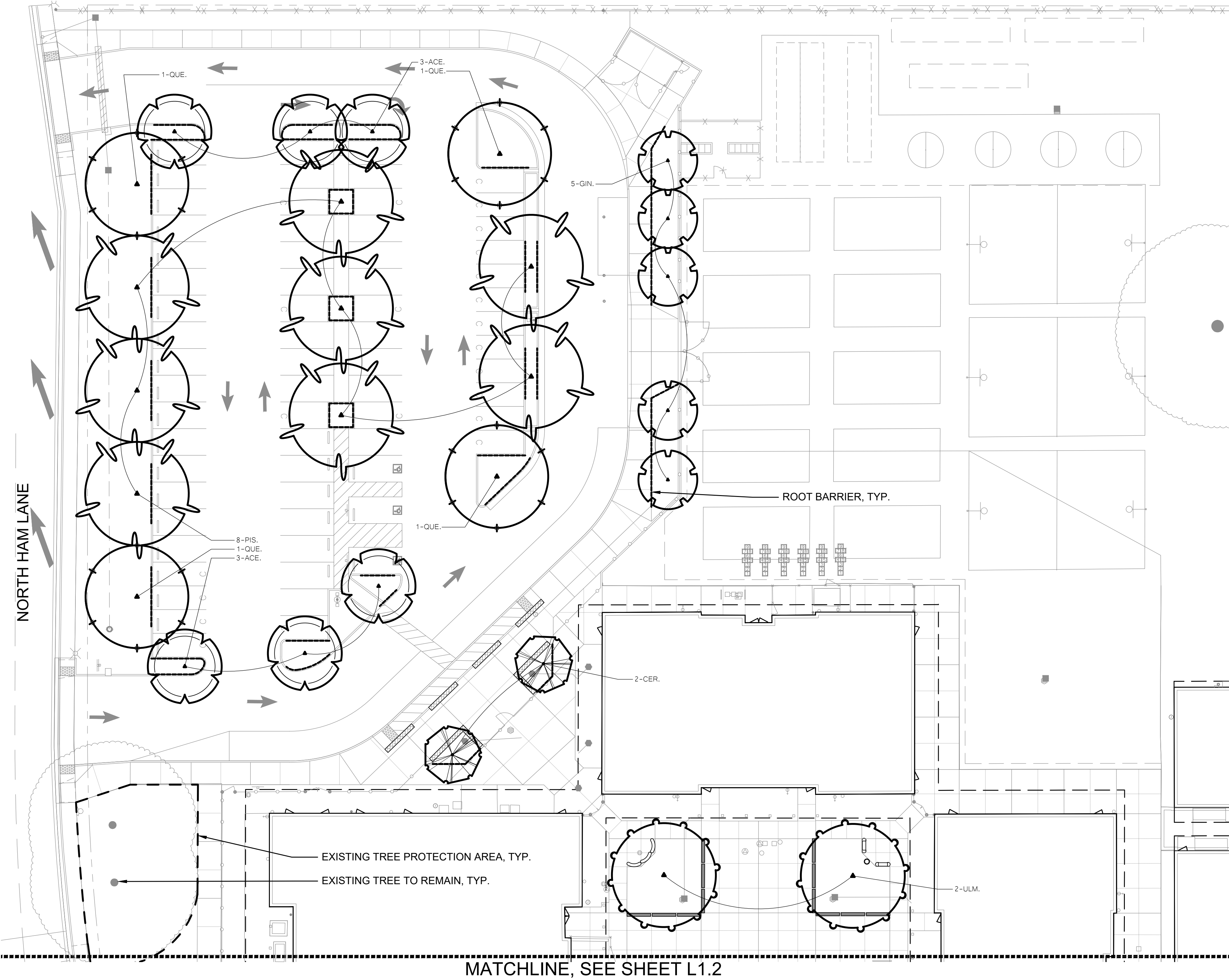


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KEY

LANDSCAPE LEGEND

TREES - NOT ALL SYMBOLS SHOWN

EXISTING TREE TO REMAIN

EXISTING TREE PROTECTION AREA  
SEE TREE PROTECTION DETAILS L4.1-1 AND L4.1-2 FOR OPERATIONS UNDERNEATH TREE DRIP LINES. SEE TREE PROTECTION SPECIFICATIONS.

NOTE:  
CONTRACTOR TO IRRIGATE ALL TREES BY HAND DURING CONSTRUCTION PROCESS

ROOT BARRIER, INSTALL WHERE SHOWN ON PLANS  
SEE DETAIL L4.1-4

PLANT QUANTITY

PLANT KEY

CONCRETE MOWSTRIP  
SEE DETAIL L4.1-5

TREE MATERIAL LIST					
SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME		WATER USE
			TREES:		
24" BOX	6	ACE.	ACER BUERGERIANUM ... TRIDENT MAPLE		MEDIUM
24" BOX	2	CER.	CERCIS CANADENSIS VAR. TEXENSIS ... TEXAS REDBUD		LOW
24" BOX	5	GIN.	GINKGO BILOBA "PRINCETON SENTRY" ... PRINCETON SENTRY GINKGO (NON-FRUITING)		MEDIUM
24" BOX	8	PIS.	PISTACHIA CHINENSIS "KEITH DAVEY" ... CHINESE PISTACHE (NON-FRUITING)		LOW
24" BOX	4	QUE.	QUERCUS ILEX ... HOLLY OAK		LOW
24" BOX	4	ULM.	ULMUS PARVIFOLIA "TRUE GREEN" ... TRUE GREEN CHINESE ELM		MEDIUM

GENERAL LANDSCAPE REQUIREMENTS/NOTES

- NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
- NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
- PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
- SEE SHEET L4.1 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

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PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION

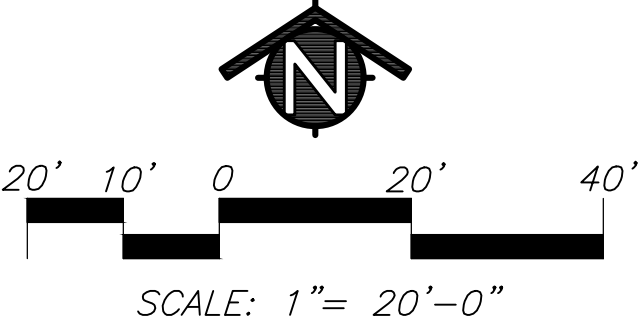
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PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1-AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

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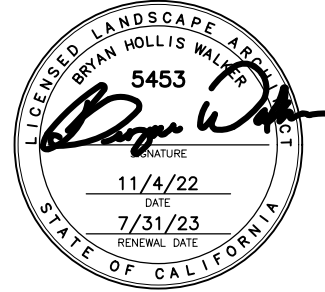
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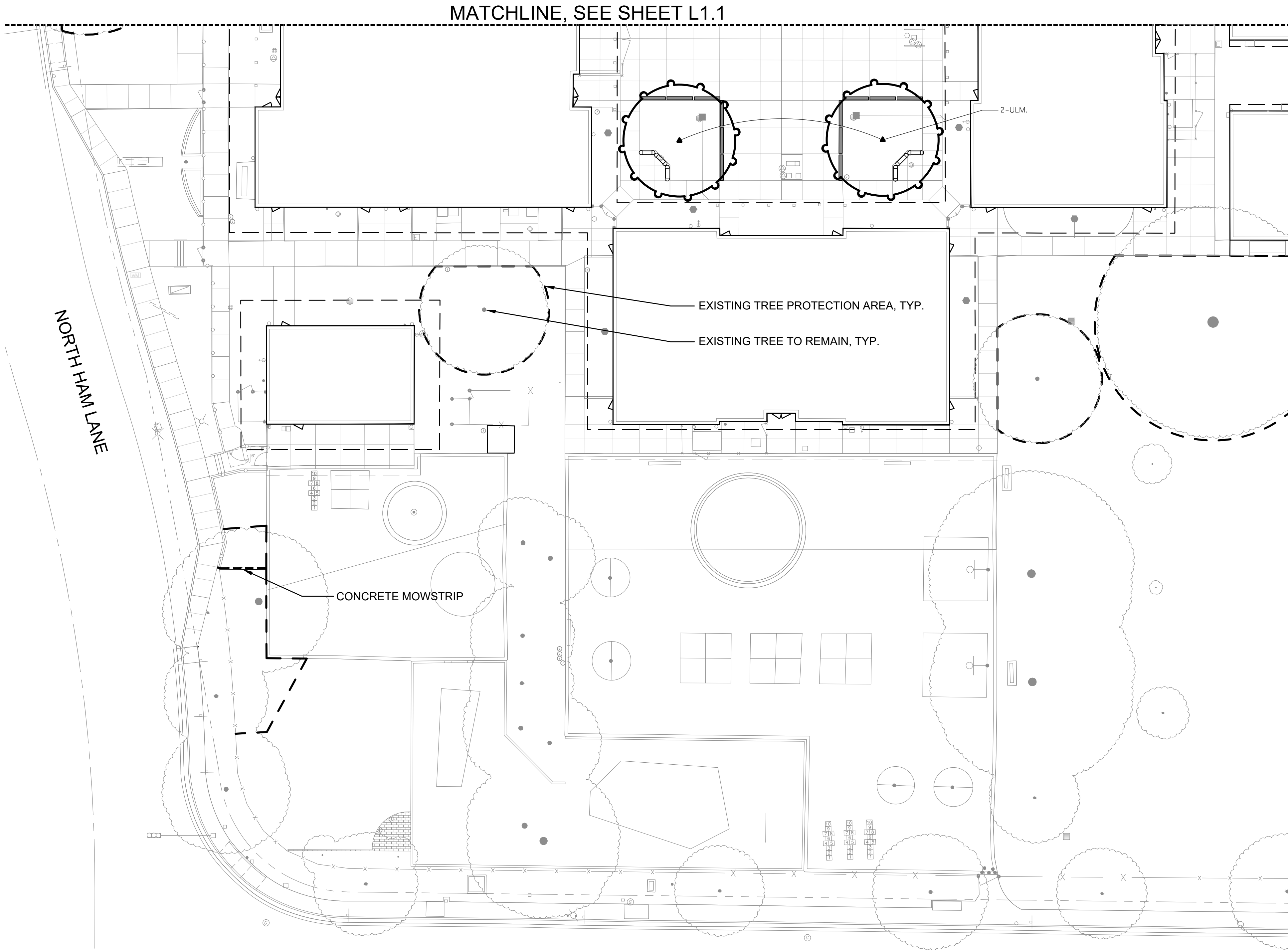
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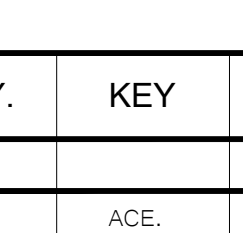
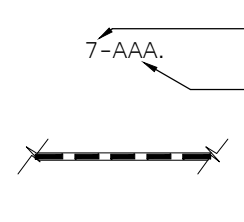
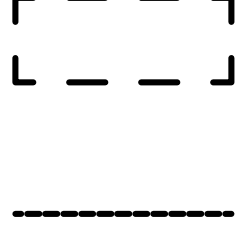
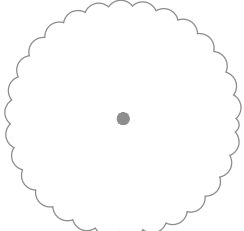
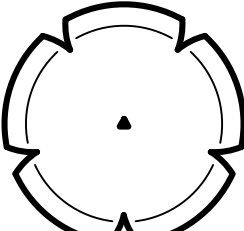
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OF 97 SHEETS





KEY



LANDSCAPE LEGEND

TREES - NOT ALL SYMBOLS SHOWN

EXISTING TREE TO REMAIN

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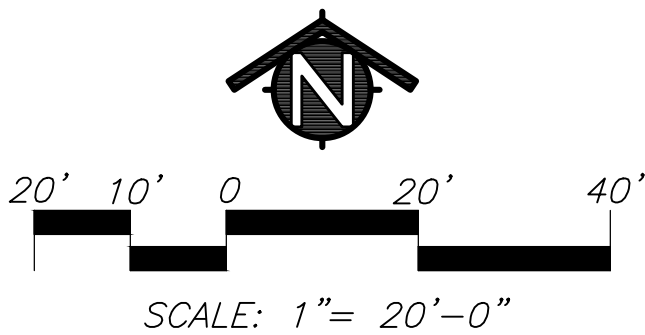
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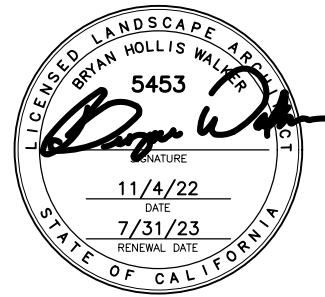
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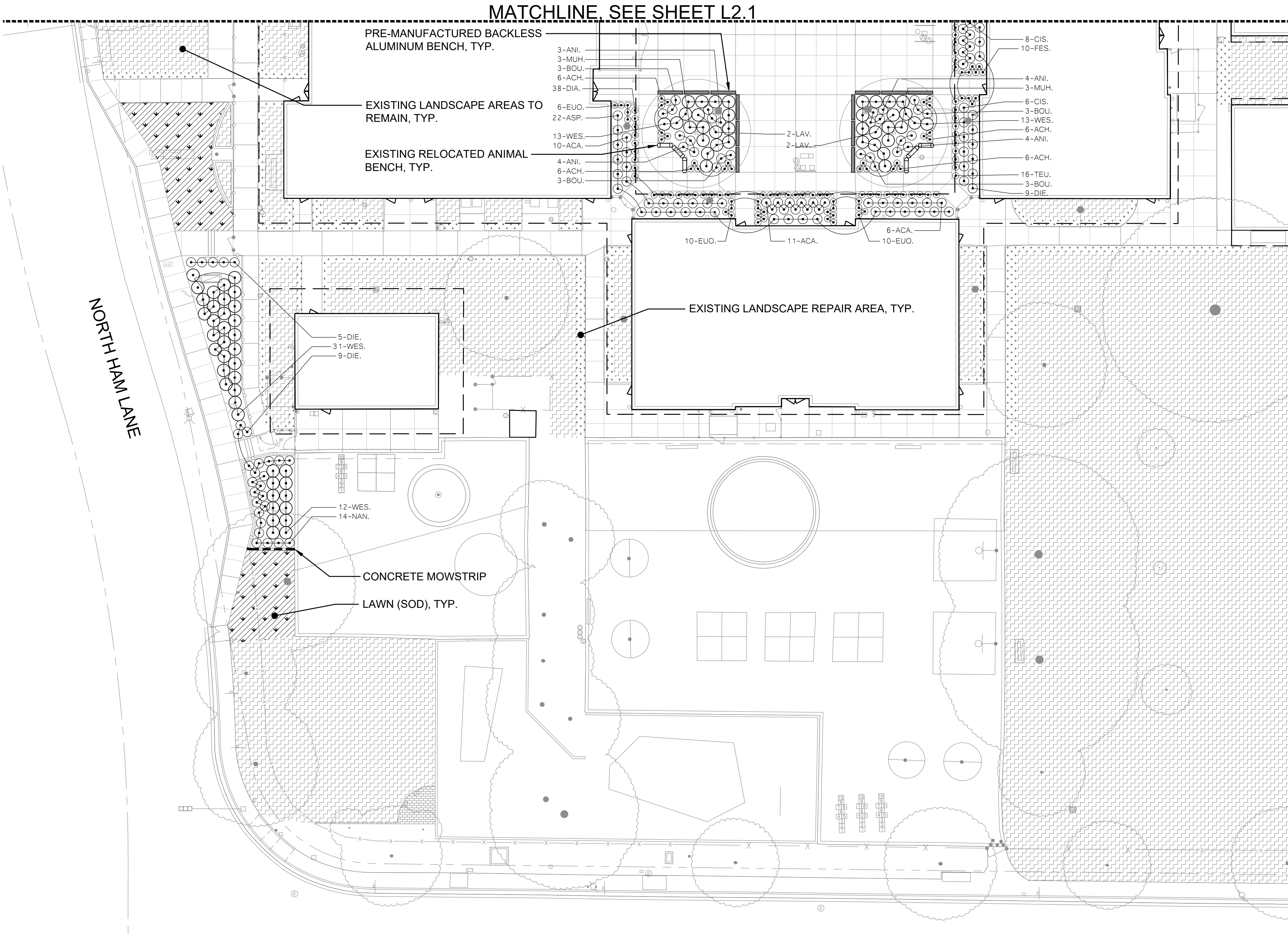
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KEY	LANDSCAPE LEGEND
	TREES - NOT ALL SYMBOLS SHOWN
	EXISTING TREE TO REMAIN
	SHRUBS
	LAWN (SOD)
	BARK MULCH ONLY
	EXISTING LANDSCAPE REPAIR AREA (SOD, MINIMUM 24" WIDTH) MINIMUM REPAIR AREA SHOWN, CONTRACTOR RESPONSIBLE FOR REPAIRING ALL AREA DAMAGED DUE TO CONSTRUCTION ACTIVITIES. SEE DETAIL L4.1-7
	EXISTING LANDSCAPE AREAS TO REMAIN EXISTING LANDSCAPE TO BE REPAIRED AS NEEDED DUE TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR HAND WATERING EXISTING LANDSCAPE FOR THE DURATION OF CONSTRUCTION.
	BIO-RETENTION PLANTER SEE CIVIL DRAWINGS
	PLANT QUANTITY
	PLANT KEY CONCRETE SEATWALL 18" WIDE, 18" TALL COLOR: NO COLOR SEE CIVIL DRAWINGS
	PRE-MANUFACTURED BACKLESS ALUMINUM BENCH SEE ARCHITECTURAL DRAWINGS
	EXISTING RELOCATED MEMORIAL BENCH, ANIMAL BENCH, AND BIRD BATH CONTRACTOR TO SALVAGE BEFORE DEMOLITION. COORDINATE EXACT LOCATION AND PLACEMENT WITH OWNER.
	CONCRETE MOWSTRIP SEE DETAIL L4.1-8

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LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREX, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

### PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

### SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

### SOIL PERCOLATION

EXCAVATE TREE PITS. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

### PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1-AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD. UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT, DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

### EXISTING LANDSCAPE AND SPRINKLER IRRIGATION SYSTEM

WORK LIMITS OF THIS PROJECT EXTEND INTO AREAS THAT WERE PREVIOUSLY DEVELOPED UNDER OTHER CONTRACTS. PRIOR TO START OF WORK, CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO LOCATE ALL CONNECTIONS CALLED FOR ON DRAWINGS. WORK LIMITS/FENCING SHALL BE LAID OUT BY CONTRACTOR AND VERIFIED BY OWNER'S REPRESENTATIVE. FENCE TO BE INSTALLED AND IRRIGATION SYSTEM SHALL BE TESTED WITH CONTRACTOR, INSPECTOR, AND OWNER'S REPRESENTATIVE PRESENT. DEFICIENCIES SHALL BE NOTED AT THIS TIME AND ARE THE RESPONSIBILITY OF OWNER. AT COMPLETION OF WORK, SYSTEM WILL AGAIN BE TESTED. DEFICIENCIES NOTED AT THIS TIME THAT WERE NOT NOTED PREVIOUSLY WILL BE RESPONSIBILITY OF CONTRACTOR. EXISTING LANDSCAPE THAT HAS BEEN DAMAGED DUE TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER. PRIOR TO MAKING ANY CONNECTION TO MAIN LINE, CONTRACTOR SHALL NOTIFY OWNER 1 WEEK IN ADVANCE SO ADJUSTMENTS TO EXISTING WATERING PROGRAMS CAN BE MADE.

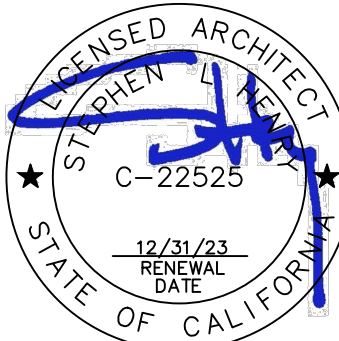
## PLANT MATERIAL LIST

WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ... COMMON NAME
SHRUBS:				
LOW	5 G.C.	36	ACA.	ACACIA COGNATA 'COUSIN ITT' ... COUSIN ITT ACACIA
LOW	1 G.C.	48	ACH.	ACHILLEA MILLEFOLIUM 'SONOMA COAST' ... SONOMA COAST YARROW
LOW	5 G.C.	28	ANI.	ACHILLEA MILLEFOLIUM 'SONOMA COAST' ... SONOMA COAST YARROW
LOW	5 G.C.	30	ASP.	ASPIDISTRA ELATIOR ... EAST IRON PLANT
LOW	1 G.C.	34	BUL.	BULBINE FRUTESCENS 'HALLMARK' ... ORANGE STALKED BULBINE
LOW	5 G.C.	56	CIS.	CISTUS HYBRIDUS 'MICKIE' ... MICKIE ROCKROSE
LOW	1 G.C.	53	DIA.	DIANELLA REVOLUTA 'CLARITY BLUE' ... CLARITY BLUE DIANELLA
LOW	1 G.C.	130	DIE.	DIETES GRANDIFLORA 'VARIEGATA' ... STRIPED FORTNIGHT LILY
LOW	1 G.C.	30	EUO.	EUONYMUS FORTUNEI 'EMERALD GAITY' ... EMERALD GAITY WINTERCREEPER
LOW	5 G.C.	53	NAN.	NANDINA DOMESTICA 'OBSESSION' ... OBSESSION HEAVENLY BAMBOO
LOW	5 G.C.	8	LAV.	LAVANDULA X GINGINSII 'GOODWIN CREEK GRAY' ... GOODWIN CREEK LAVENDER
LOW	5 G.C.	12	PER.	PEROVSKIA ATRIPLICIFOLIA ... RUSSIAN SAGE
LOW	5 G.C.	15	PHO.	PHORMIUM 'EVENING GLOW' ... EVENING GLOW PHORMIUM
LOW	5 G.C.	31	RHA.	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO' ... SAN BRUNO COFFEEBERRY
LOW	5 G.C.	10	ROS.	ROSA 'MEISENTMIL' ... LEMON DRIFT CARPET ROSE
LOW	1 G.C.	75	TEU.	TEUCRIUM CHAMAEDRYAS ... WALL GERMANDER
GROUND COVER:				
LOW	5 G.C.	27	ARC.	ARCSTOSTAPHYLOS 'EMERALD CARPET' ... EMERALD CARPET MANZANITA
LOW	5 G.C.	145	WES.	WESTRINGIA FRUTICOSA 'MUNDI' ... MUNDI WESTRINGIA
ORNAMENTAL GRASSES:				
LOW	1 G.C.	24	BOU.	BOUTELOUA GRACILIS 'BLONDE AMBITION' ... BLONDE AMBITION GRAMMA GRASS
LOW	1 G.C.	94	FES.	FESTUCA GLAUCA 'ELIJAH BLUE' ... ELIJAH BLUE FESCUE
LOW	5 G.C.	12	MUH.	MUHLENBERGIA RIGENS ... DEER GRASS
BIO-RETENTION PLANTING				
LOW	5 G.C.	42	CAR.	CAREX DIVULSA ... EUROPEAN GRAY SEDGE
LOW	5 G.C.	36	CHO.	CHONDRPETALUM TECTORUM ... SMALL CAPE RUSH
MEDIUM	5 G.C.	28	JUN.	JUNCUS PATENS ... CALIFORNIA GRAY RUSH

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212

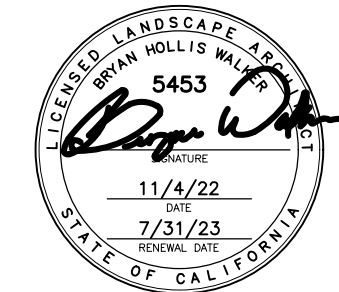
HENRY+  
ASSOCIATES  
ARCHITECTS



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

SHRUB  
PLANTING PLAN

CONSULTANT

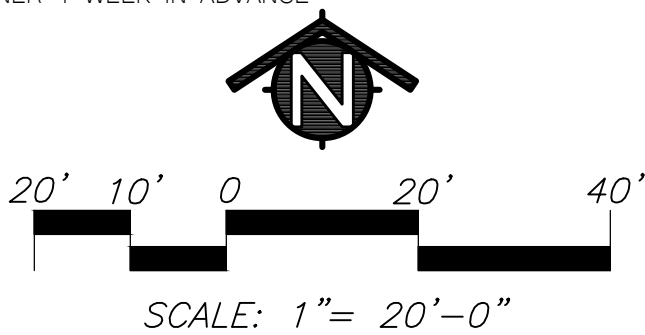


Bryan Hollis Walker

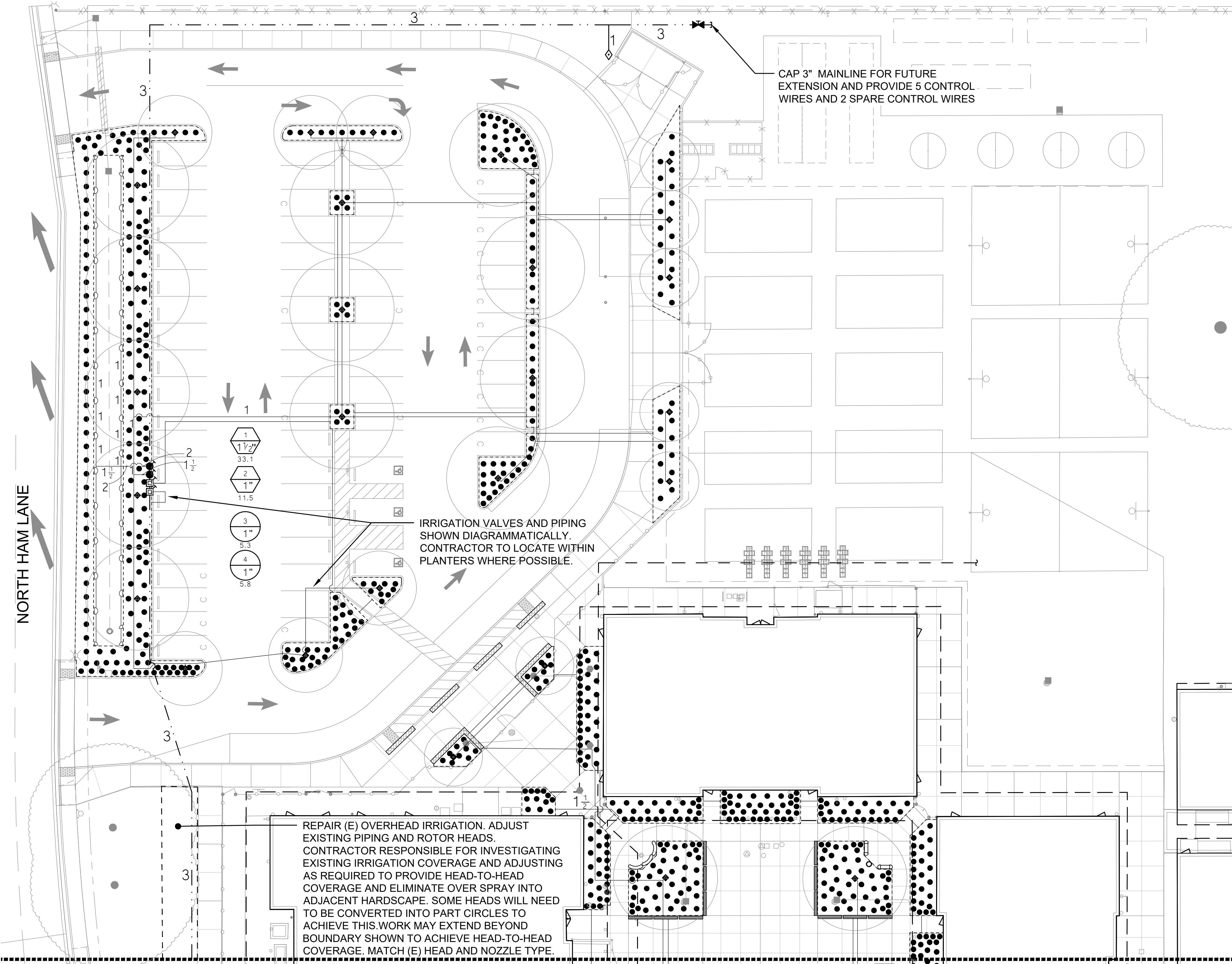
C-5453

PROJECT NO.	REVISIONS	BY
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3/28/2022		
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JCBS		
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UPDATED		
11/17/2022		
SHEET NO.		

L2.2







NORTH HAM LANE

CAP 3" MAINLINE FOR FUTURE  
EXTENSION AND PROVIDE 5 CONTROL  
WIRES AND 2 SPARE CONTROL WIRES

IRRIGATION VALVES AND PIPING  
SHOWN DIAGRAMMATICALLY.  
CONTRACTOR TO LOCATE WITHIN  
PLANTERS WHERE POSSIBLE.

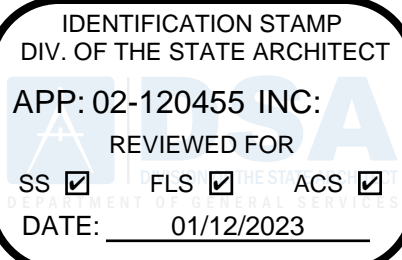
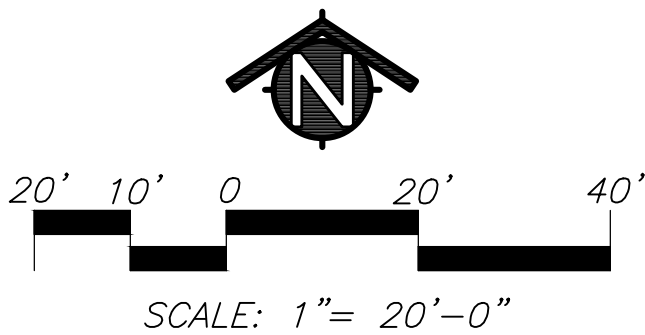
REPAIR (E) OVERHEAD IRRIGATION. ADJUST  
EXISTING PIPING AND ROTOR HEADS.  
CONTRACTOR RESPONSIBLE FOR INVESTIGATING  
EXISTING IRRIGATION COVERAGE AND ADJUSTING  
AS REQUIRED TO PROVIDE HEAD-TO-HEAD  
COVERAGE AND ELIMINATE OVER SPRAY INTO  
ADJACENT HARDSCAPE. SOME HEADS WILL NEED  
TO BE CONVERTED INTO PART CIRCLES TO  
ACHIEVE THIS.WORK MAY EXTEND BEYOND  
BOUNDARY SHOWN TO ACHIEVE HEAD-TO-HEAD  
COVERAGE. MATCH (E) HEAD AND NOZZLE TYPE.

MATCHLINE, SEE SHEET L3.2

SPRINKLER IRRIGATION NOTES

- COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
- DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
- DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
- SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
- ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- TESTING:
  - PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:  
SYSTEMS WITH BOOSTER PUMP:  
MAIN LINE - AT 100 PSI FOR 4 HOURS.  
LATERAL LINES - AT 100 PSI FOR 2 HOURS.  
SYSTEMS WITH OUT BOOSTER PUMP:  
MAIN LINE - AT STATIC PSI FOR 4 HOURS.  
LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
  - COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
- LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
- INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
- CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
- PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
- COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
- NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
- FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.2.

KEY	SPRINKLER IRRIGATION LEGEND
	<b>AUTOMATIC CONTROLLER:</b> RAINBIRD: ESP-12LXMEF, 12-STATION CONTROLLER WITH FLOW SMART MODULE, IQ COMMUNICATION CARTRIDGE, AND LXMMPED STAINLESS STEEL CABINET AND PEDESTAL.  COORDINATE 110V SERVICE AND POWER CONNECTION WITH ELECTRICAL SUB-CONTRACTOR. COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR.
	<b>POINT OF CONNECTION:</b> STATIC WATER PRESSURE PRIOR TO WATER METER: 55 PSI THIS IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 40 PSI MAXIMUM FLOW IS 33.6 GPM  CONTRACTOR SHALL LOCATE EXISTING 2.5" BACKFLOW PREVENTION DEVICE INDICATED ON CIVIL SHEETS. CONNECT UPSTREAM AND EXTEND AS INDICATED ON DRAWINGS.  DESIGN PRESSURE SHOWN ON PLANS IS BASED ON FLOW INFORMATION RECEIVED FROM THE DISTRICT ON 8/24/22. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
	<b>GATE VALVE:</b> TYPE: NIBCO NO T-113 WITH A NON-RISING STEM AND HANDWHEEL.  GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE. GATE VALVE TO BE LINE SIZE.
	<b>MASTER VALVE ASSEMBLY:</b> COMPONENTS: FLOW SENSOR • BADGER 200SS, 2.5" SIZE INSERT IN SADDLE. MASTER VALVE • 2.5" NORMALLY CLOSED GRISWOLD #2000M.  TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 WIRE IN 1" CONDUIT.
	<b>REDUCED PRESSURE BACKFLOW PREVENTION DEVICE:</b> WILKINS MODEL NO. 975XL 1" SIZE. PROVIDE CONCRETE SLAB AND ENCLOSURE. PIPE STAND, AND ALL INCIDENTAL WORK. COORDINATE EXACT LOCATION IN FIELD.
	<b>EXISTING MAIN LINE TO REMAIN:</b>
	<b>PRESSURE MAIN LINE:</b> TYPE: ASTM D1785, PVC SCHEDULE 40.  TRENCH DEPTH: IN PLANTED AREAS: 24" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	<b>LATERAL LINE:</b> TYPE: ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE. TRENCH DEPTH: IN PLANTED AREAS: POP-UP SPRAY HEADS - 12" MINIMUM COVER. BUBBLER HEADS: - 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	<b>QUICK COUPLER VALVE:</b> RAINBIRD 44NP OR APPROVED EQUAL. VALVES SHALL HAVE LOCKING RUBBER COVERS. INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.
	<b>AUTOMATIC CONTROL VALVE:</b> RAINBIRD PEB-PRS-D SERIES VALVE SHALL HAVE PRESSURE REGULATION OPTION FOR FLOW RANGES OF 6 GPM AND ABOVE.
	<b>SHRUB POP-UP SPRAY HEADS:</b> RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 10 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.
	<b>SHRUB POP-UP SPRAY HEADS:</b> RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 12 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.
	<b>TREE BUBBLER HEADS (TWO PER SYMBOL):</b> RAINBIRD: RWS-M-B-C-1401 WITH INLINE CHECK VALVE
	<b>AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR:</b> RAINBIRD CONTROL ZONE KIT MODEL XCZ-100-PRB-COM
	<b>DRIP IRRIGATION:</b> EMITTER TO BE RAINBIRD XBT-20-6 (2 GPH) WITH PC DIFFUSER CAP AND IPS FLEXIBLE PVC TUBING. IPS TUBING TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE. EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL L4.2-6 FOR INSTALLATION. PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN. UNSIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. LIMITS OF SHRUB BUBBLER PLACEMENT PVC SCH 40 LATERAL LINE
	INDICATES CONTROL VALVE AND STATION NUMBER
	INDICATES CONTROL VALVE SIZE
	INDICATES GALLONS PER MINUTE
	<b>EXISTING IRRIGATION REPAIR AREA:</b>



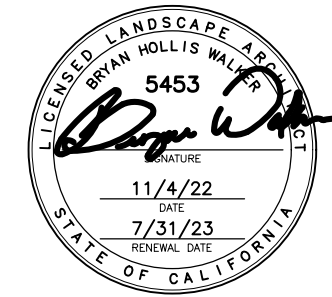
730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

LANDSCAPE  
IRRIGATION PLAN

CONSULTANT

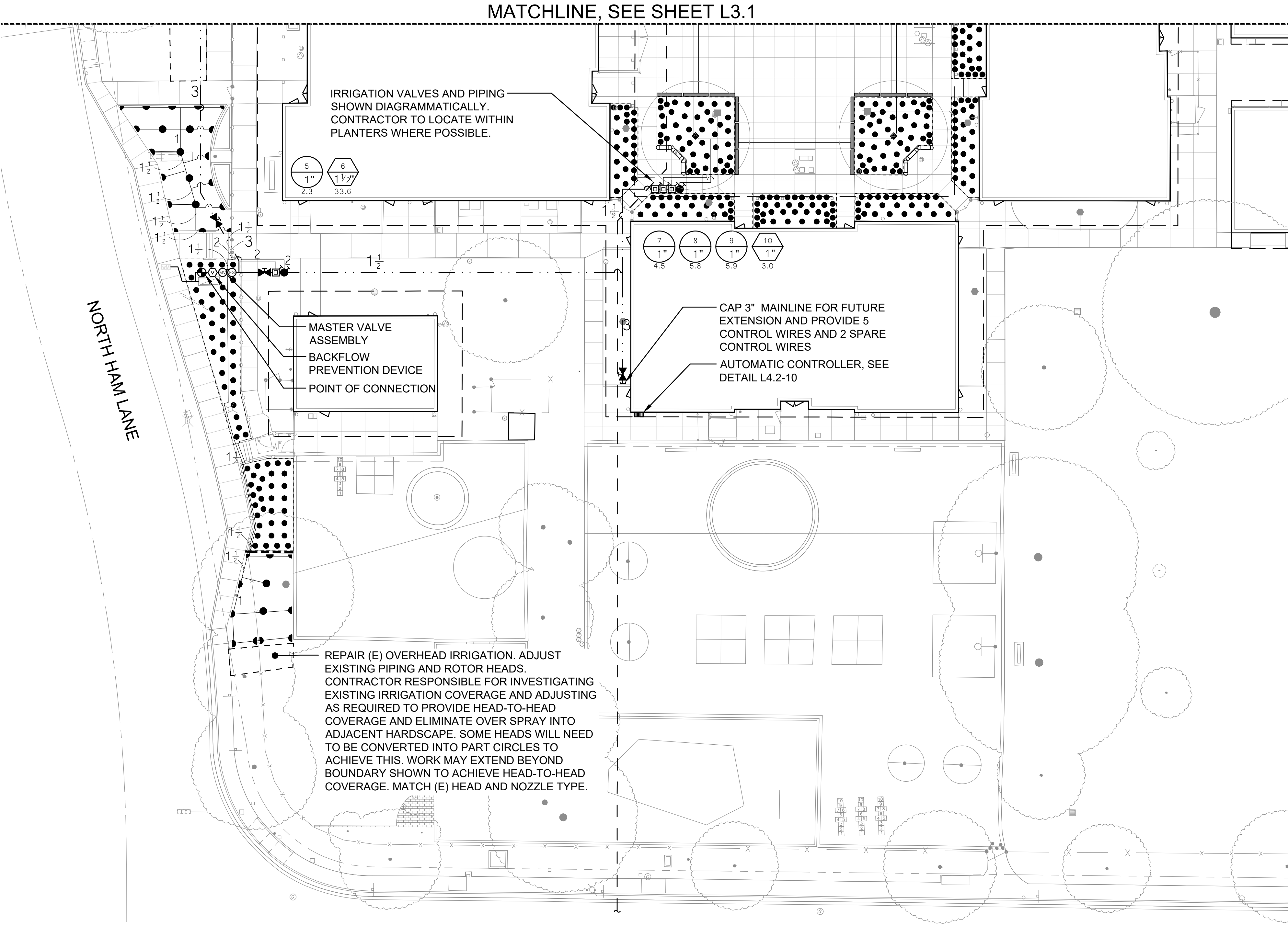


Bryan Hollis Walker C-5453

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21-32-052		
DATE		
3/28/2022		
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11/17/2022		
SHEET NO.		

L3.1





SPRINKLER IRRIGATION NOTES

- COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
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- SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
- ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- TESTING:
  - PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:  
SYSTEMS WITH BOOSTER PUMP:  
MAIN LINE - AT 100 PSI FOR 4 HOURS.  
LATERAL LINES - AT 100 PSI FOR 2 HOURS.  
SYSTEMS WITH OUT BOOSTER PUMP:  
MAIN LINE - AT STATIC PSI FOR 4 HOURS.  
LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
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- LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
- INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
- CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
- PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
- COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
- NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
- FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.2.

KEY

SPRINKLER IRRIGATION LEGEND

**AUTOMATIC CONTROLLER:**  
RAINBIRD: ESP-12LXMEF, 12-STATION CONTROLLER WITH FLOW SMART MODULE, IQ COMMUNICATION CARTRIDGE, AND LXMPED STAINLESS STEEL CABINET AND PEDESTAL.  
COORDINATE 110V SERVICE AND POWER CONNECTION WITH ELECTRICAL SUB-CONTRACTOR. COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR.

**POINT OF CONNECTION:**  
STATIC WATER PRESSURE PRIOR TO WATER METER: 55 PSI  
THIS IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 40 PSI  
MAXIMUM FLOW IS 33.6 GPM  
CONTRACTOR SHALL LOCATE EXISTING 2.5" BACKFLOW PREVENTION DEVICE INDICATED ON CIVIL SHEETS. CONNECT UPSTREAM AND EXTEND AS INDICATED ON DRAWINGS.  
DESIGN PRESSURE SHOWN ON PLANS IS BASED ON FLOW INFORMATION RECEIVED FROM THE DISTRICT ON 8/24/22. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.

**GATE VALVE:**  
TYPE:  
NIBCO NO T-113 WITH A NON-RISING STEM AND HANDWHEEL.  
GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE.  
GATE VALVE TO BE LINE SIZE.

**MASTER VALVE ASSEMBLY:**  
COMPONENTS:  
FLOW SENSOR • BADGER 200SS, 2.5" SIZE INSERT IN SADDLE.  
MASTER VALVE • 2.5" NORMALLY CLOSED GRISWOLD #2000M.  
TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 WIRE IN 1" CONDUIT.

**REDUCED PRESSURE BACKFLOW PREVENTION DEVICE:**  
WILKINS MODEL NO. 975XL 1" SIZE. PROVIDE CONCRETE SLAB AND ENCLOSURE, PIPE STAND, AND ALL INCIDENTAL WORK. COORDINATE EXACT LOCATION IN FIELD.

**EXISTING MAIN LINE TO REMAIN:**

**PRESSURE MAIN LINE:**  
TYPE:  
ASTM D1785, PVC SCHEDULE 40.  
TRENCH DEPTH:  
IN PLANTED AREAS: 24" MINIMUM COVER.  
UNDER PAVED AREAS: 24" MINIMUM COVER.  
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.

**LATERAL LINE:**  
TYPE:  
ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE.  
TRENCH DEPTH:  
IN PLANTED AREAS:  
POP-UP SPRAY HEADS - 12" MINIMUM COVER.  
BUBBLER HEADS: - 12" MINIMUM COVER.  
UNDER PAVED AREAS: 24" MINIMUM COVER.  
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.

**QUICK COUPLER VALVE:**  
RAINBIRD 44NP OR APPROVED EQUAL.  
VALVES SHALL HAVE LOCKING RUBBER COVERS. INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.

**AUTOMATIC CONTROL VALVE:**  
RAINBIRD PEB-PRS-D SERIES  
VALVE SHALL HAVE PRESSURE REGULATION OPTION FOR FLOW RANGES OF 6 GPM AND ABOVE.

**SHRUB POP-UP SPRAY HEADS:**  
RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 10 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.

**SHRUB POP-UP SPRAY HEADS:**  
RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 12 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.

**TREE BUBBLER HEADS (TWO PER SYMBOL):**  
RAINBIRD: RWS-M-B-C-1401 WITH INLINE CHECK VALVE

**AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR:**  
RAINBIRD CONTROL ZONE KIT MODEL XCZ-100-PRB-COM

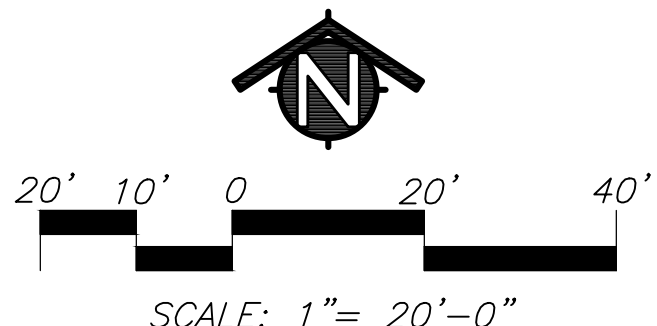
**DRIP IRRIGATION:**  
EMITTER TO BE RAINBIRD XBT-20-6 (2 GPH) WITH PC DIFFUSER CAP AND IPS FLEXIBLE PVC TUBING. IPS TUBING TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE. EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL L4.2-6 FOR INSTALLATION. PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN. UNSIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. LIMITS OF SHRUB BUBBLER PLACEMENT PVC SCH 40 LATERAL LINE

INDICATES CONTROL VALVE AND STATION NUMBER

INDICATES CONTROL VALVE SIZE

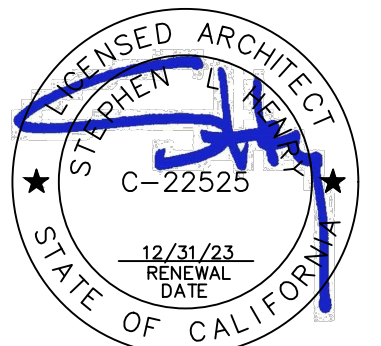
INDICATES GALLONS PER MINUTE

**EXISTING IRRIGATION REPAIR AREA:**



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-120455 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/12/2023

730 Howe Avenue, Suite 450  
Sacramento, CA 95825  
Phone: 916.921.2112  
Fax: 916.921.2212



MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

LANDSCAPE  
IRRIGATION PLAN

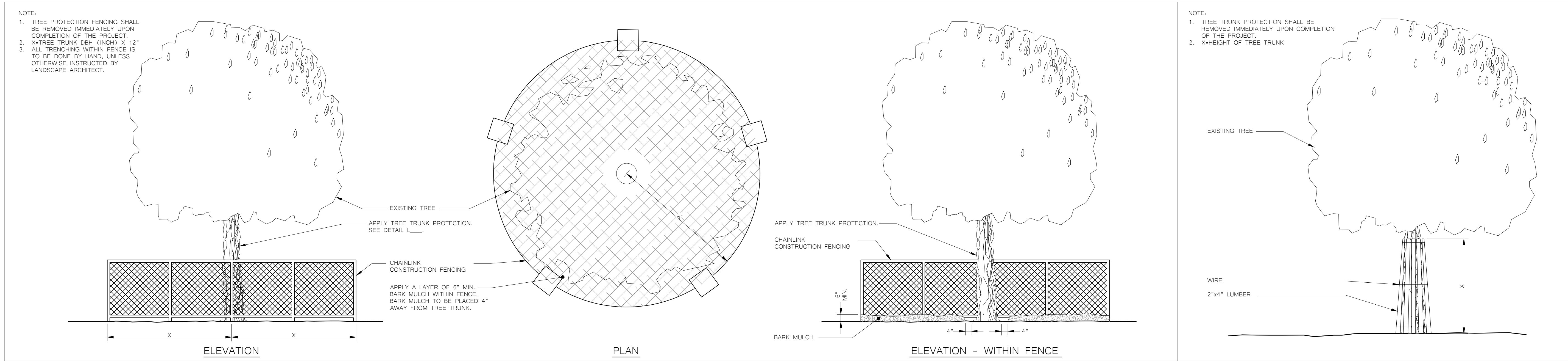


Bryan Hollis Walker C-5453

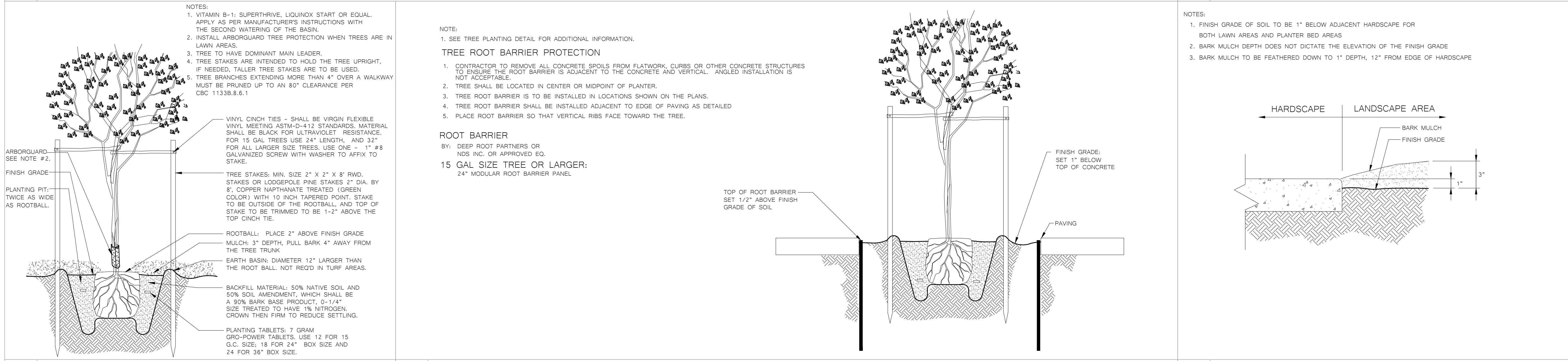
PROJECT NO.	REVISIONS	BY
21-32-052		
DATE		
3/28/2022		
DRAWN		
MS		
CHECKED		
JCBS		
SCALE		
CADFILE		
UPDATED		
11/17/2022		
SHEET NO.		

L3.2

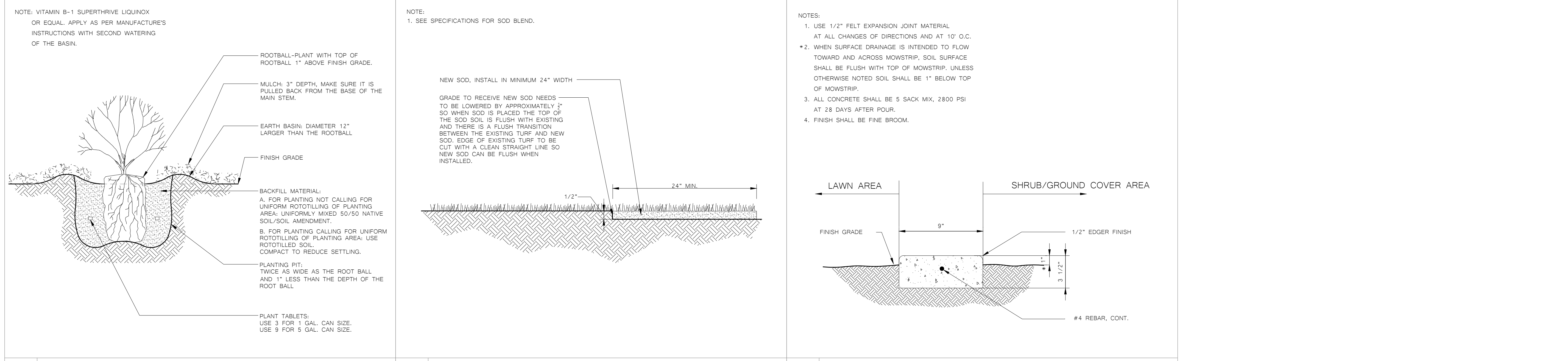




1	TREE PROTECTION FENCING DETAIL	2	TREE TRUNK PROTECTION DETAIL
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3	TREE PLANTING AND STAKING DETAIL	4	ROOT BARRIER CONTROL DETAIL	5	LANDSCAPE GRADE ADJACENT TO HARDSCAPE DETAIL
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6	SHRUB PLANTING DETAIL	7	TURF REPAIR WITH SOD DETAIL	8	CONCRETE MOWSTRIP DETAIL
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HENRY+ ASSOCIATES  
ARCHITECTS

REGISTERED ARCHITECT  
STEPHEN J. HENRY  
C-22525  
12/31/23  
RENEWAL DATE  
STATE OF CALIFORNIA

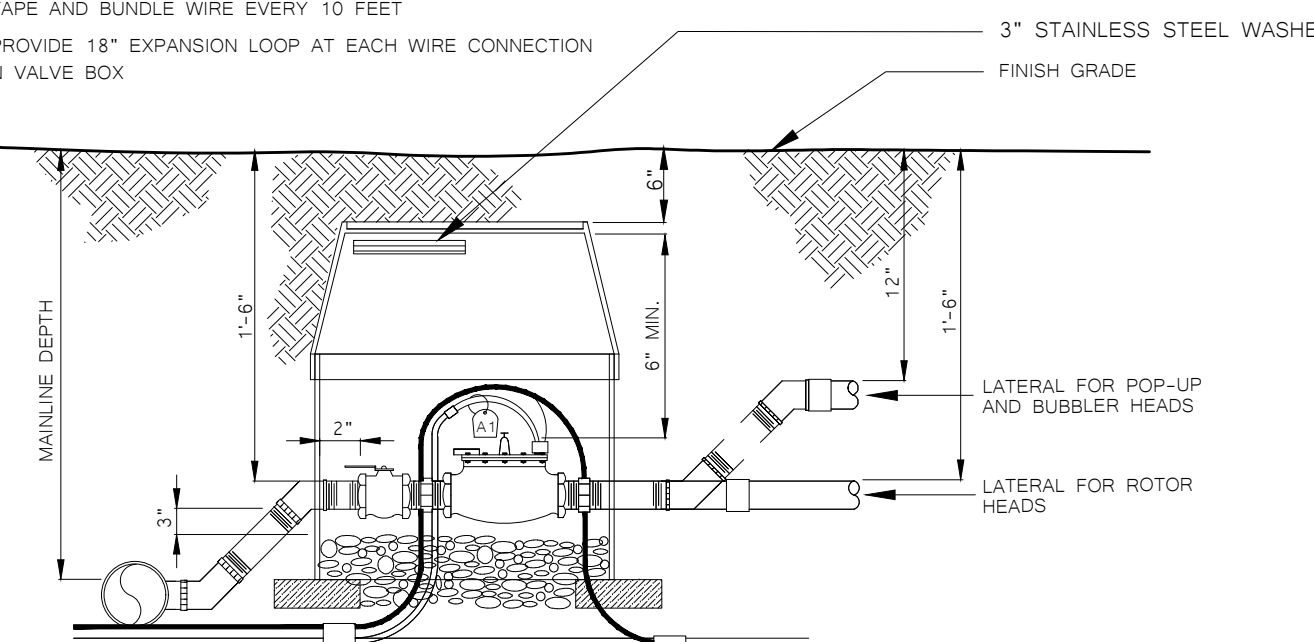
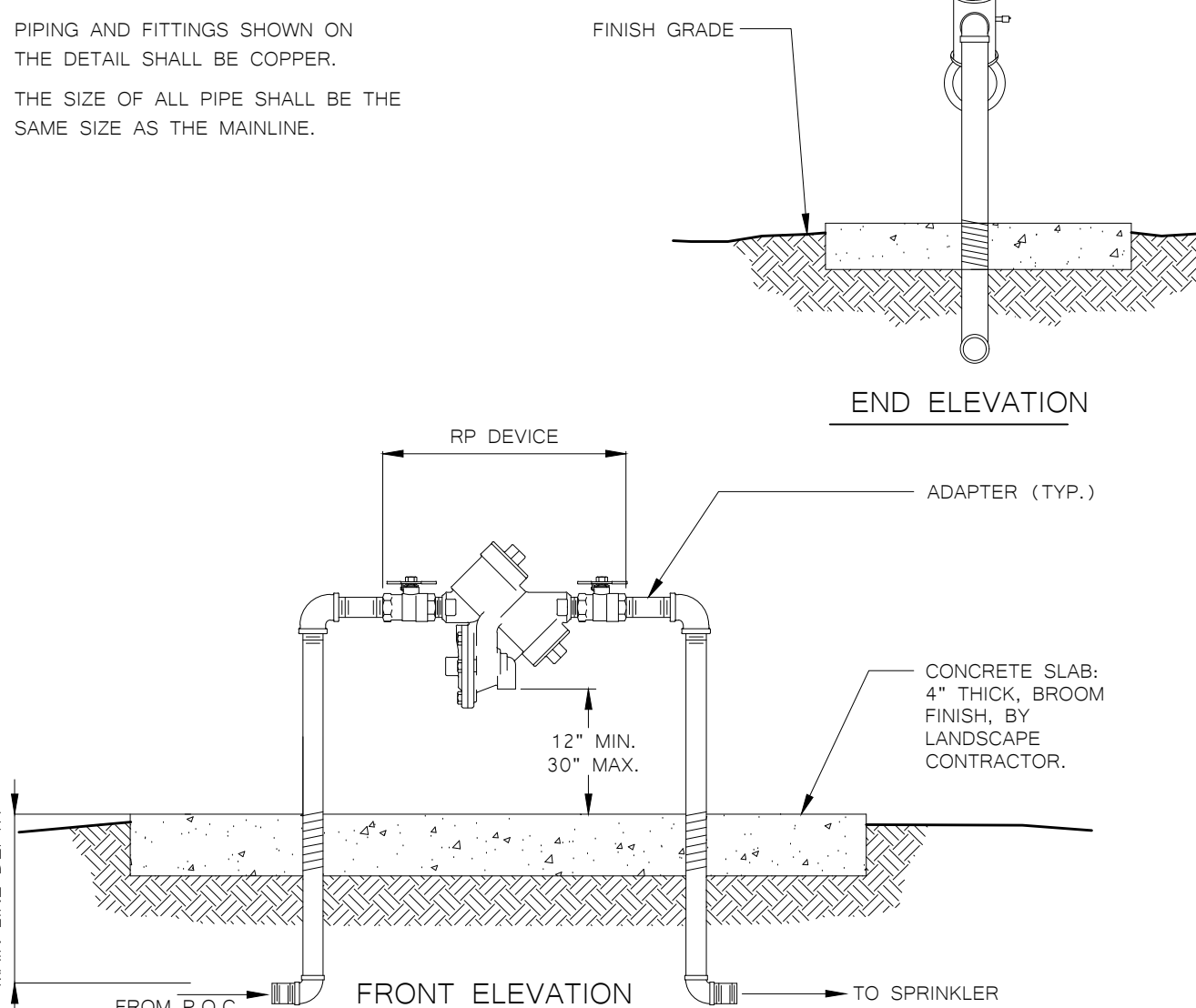
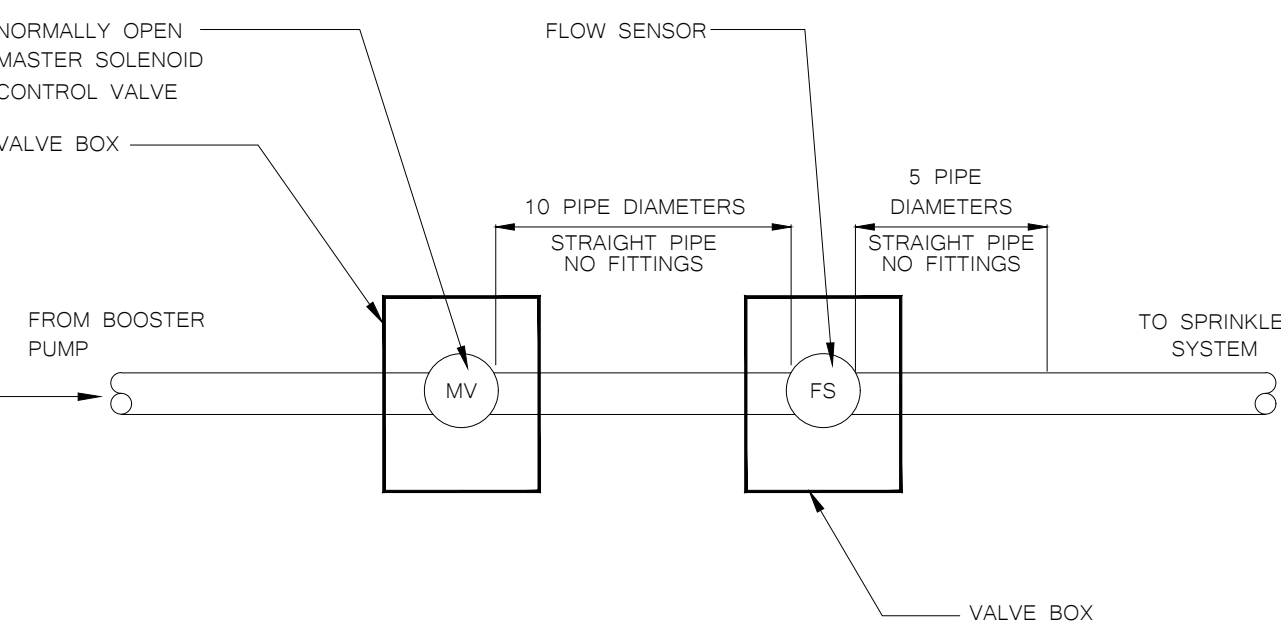
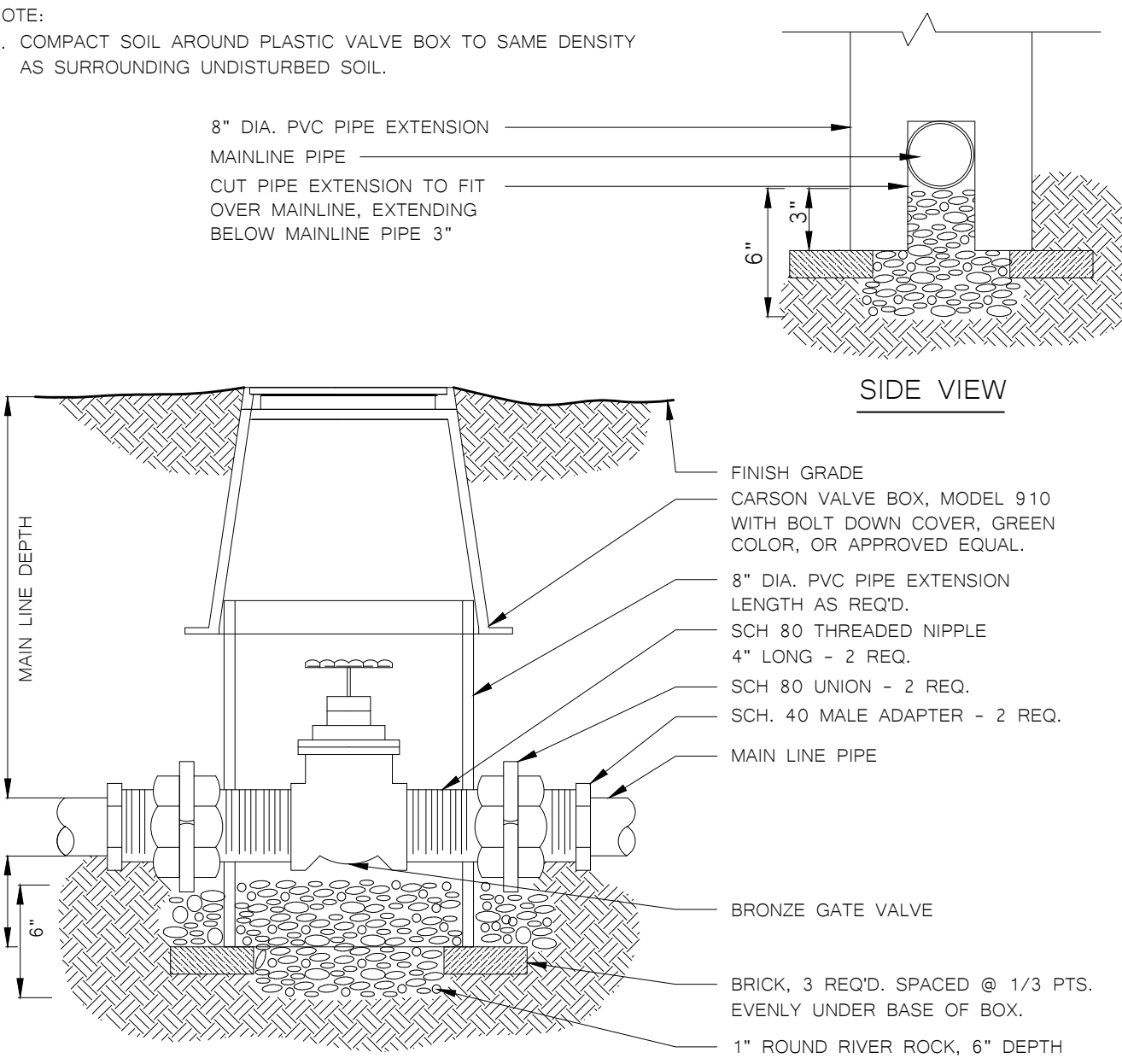
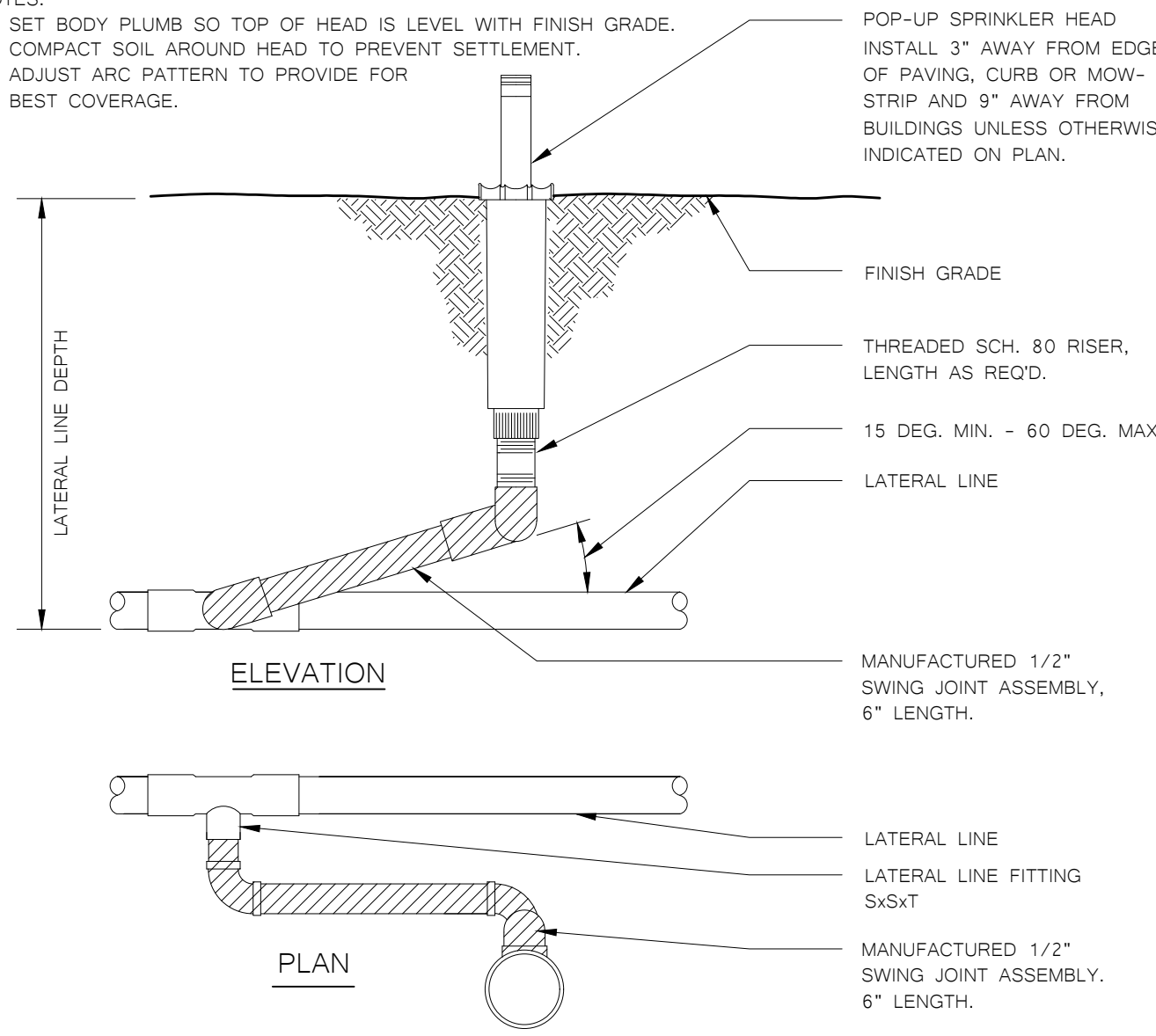
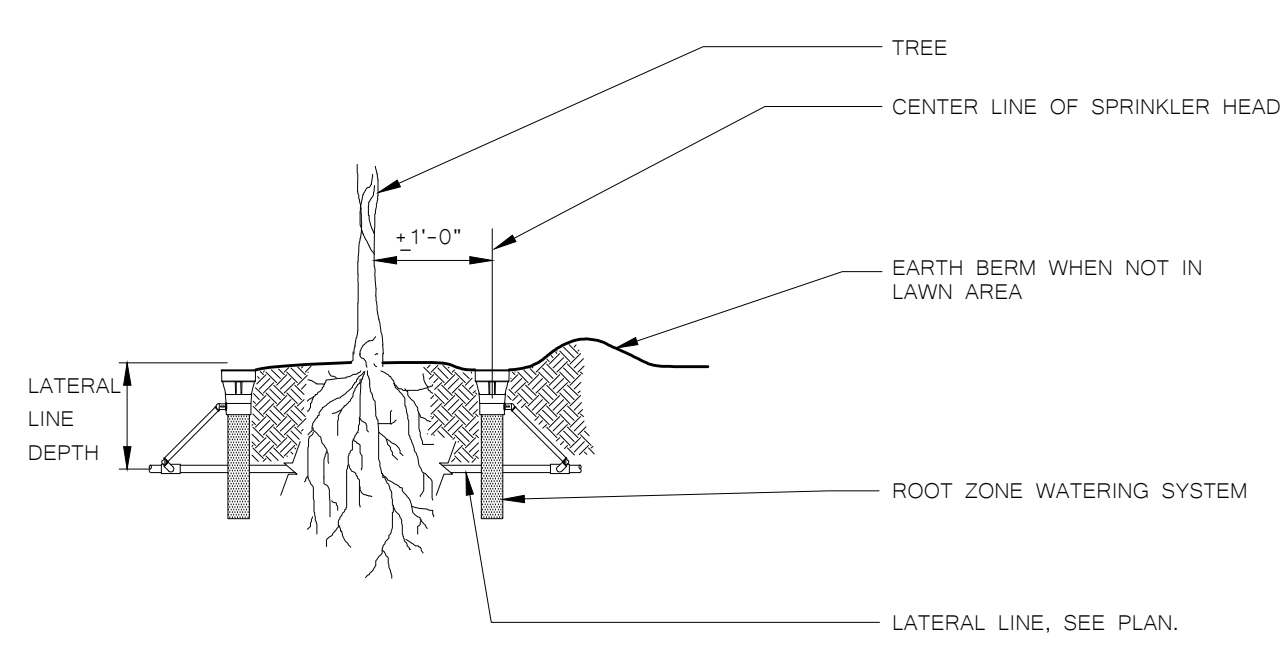
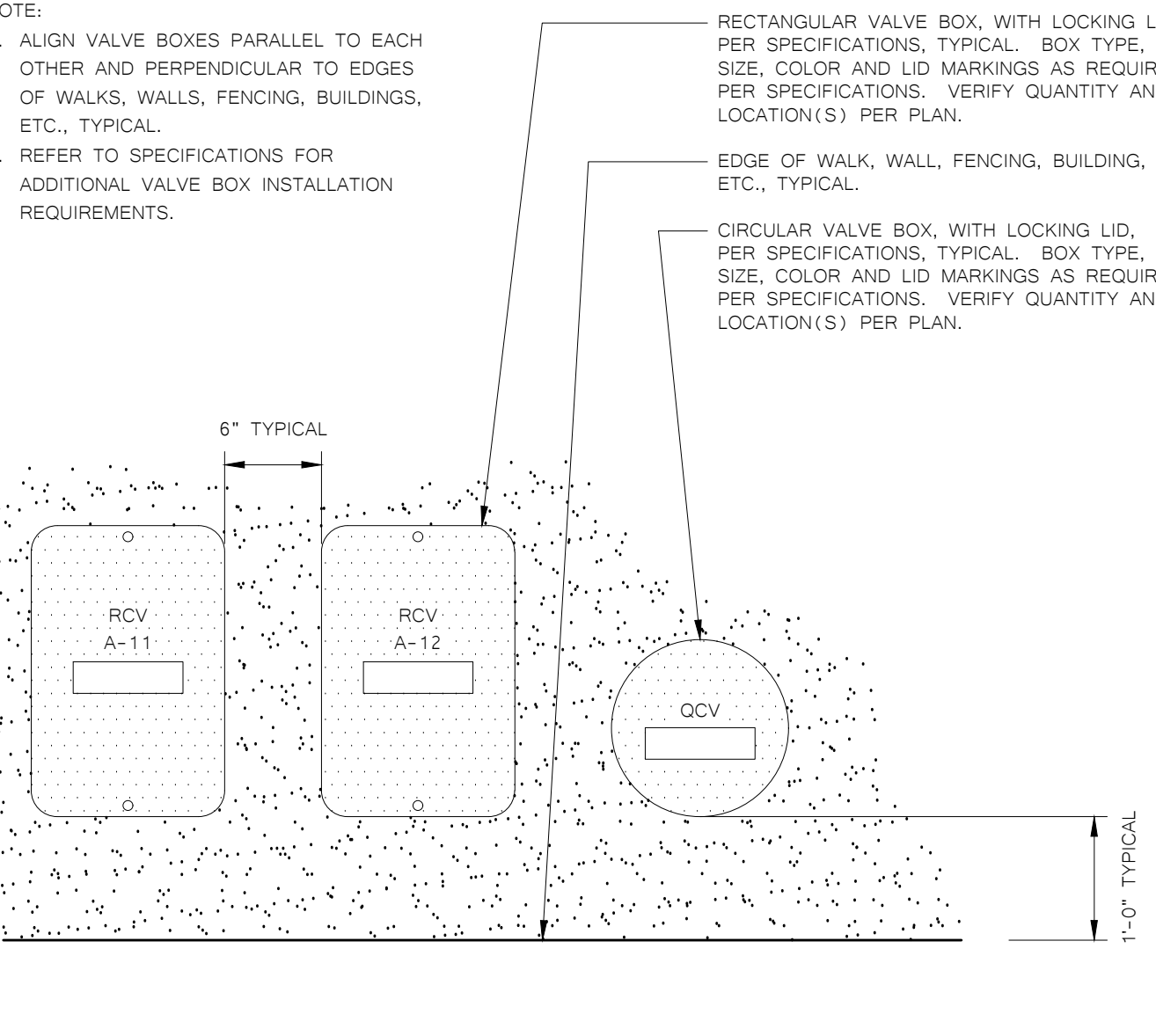
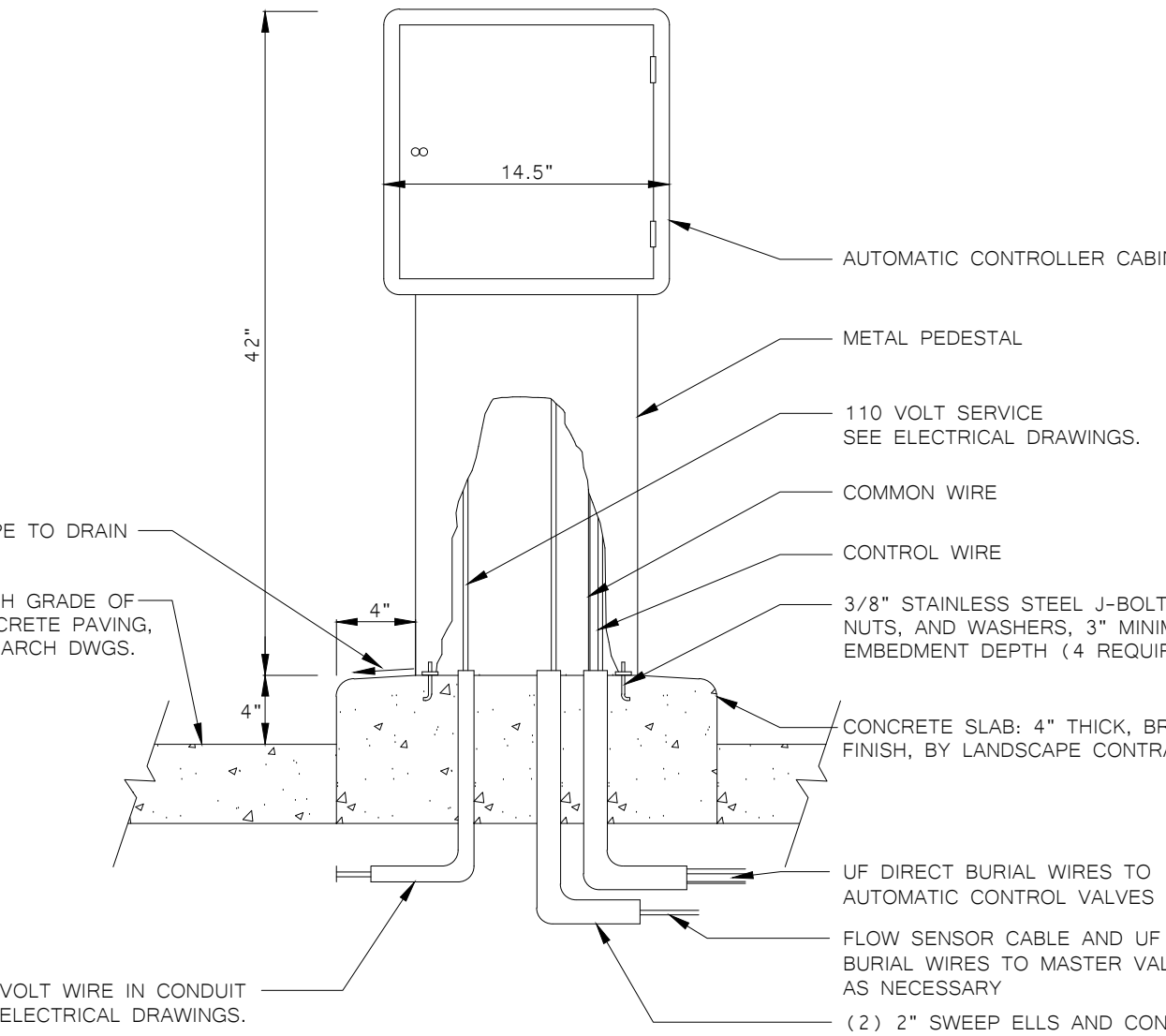
MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL  
LANDSCAPE  
PLANTING DETAILS

CONSULTANT  
BRYAN HOLLIS WALKER  
5453  
11/4/22  
7/31/23  
RENEWAL DATE  
STATE OF CALIFORNIA

Bryan Hollis WalkerC-5453		
PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		
SHEET NO.		

L4.1



<p>1. SET VALVE BOX 6" BELOW FINISH GRADE.</p> <p>2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED.</p> <p>3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS. SPLICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.</p> <p>4. TAPE AND BUNDLE WIRE EVERY 10 FEET</p> <p>5. PROVIDE 18" EXPANSION LOOP AT EACH WIRE CONNECTION IN VALVE BOX</p>		 <p>3" STAINLESS STEEL WASHER</p> <p>FINISH GRADE</p> <p>12" MIN.</p> <p>1'-5"</p> <p>2"</p> <p>LATERAL FOR POP-UP AND BUBBLER HEADS</p> <p>LATERAL FOR ROTOR HEADS</p> <p>6. FOR VALVES WITH PRESSURE REGULATION FEATURE, SET VALVE PRESSURE AS PER MANUFACTURERS RECOMMENDATIONS TO THE PRESSURE AS FOLLOWS:</p> <table><tr><td>POP-UP SPRAY HEADS:</td><td>30 PSI</td></tr><tr><td>INTERMEDIATE POP-UP ROTOR HEADS:</td><td>50 PSI</td></tr><tr><td>POP-UP ROTOR HEADS:</td><td>70 PSI</td></tr><tr><td>BUBBLER HEADS:</td><td>30 PSI</td></tr></table>	POP-UP SPRAY HEADS:	30 PSI	INTERMEDIATE POP-UP ROTOR HEADS:	50 PSI	POP-UP ROTOR HEADS:	70 PSI	BUBBLER HEADS:	30 PSI	<p>VALVE BOX, SETTINGS, AND CLEARANCES</p>
POP-UP SPRAY HEADS:	30 PSI										
INTERMEDIATE POP-UP ROTOR HEADS:	50 PSI										
POP-UP ROTOR HEADS:	70 PSI										
BUBBLER HEADS:	30 PSI										
<p>1</p> <p>AUTOMATIC CONTROL VALVE/GATE VALVE DETAIL</p>		<p>NOTES:</p> <ol style="list-style-type: none"><li>1. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS</li><li>2. PIPING AND FITTINGS SHOWN ON THE DETAIL SHALL BE COPPER.</li><li>3. THE SIZE OF ALL PIPE SHALL BE THE SAME SIZE AS THE MAINLINE.</li></ol>  <p>FINISH GRADE</p> <p>END ELEVATION</p> <p>RP DEVICE</p> <p>ADAPTER (TYP.)</p> <p>CONCRETE SLAB, 4" THICK, BROOM FINISH, BY LANDSCAPE CONTRACTOR.</p> <p>12" MIN. 30" MAX.</p> <p>FROM P.O.C.</p> <p>FRONT ELEVATION</p> <p>TO SPRINKLER SYSTEM</p>	<p>2</p> <p>PRESSURE REGULATOR DRIP IRRIGATION VALVE DETAIL</p>								
<p>NOTES:</p> <ol style="list-style-type: none"><li>1. UF 14 WIRE AND EV-CAB-SEN CABLE NOT SHOWN, SEE OVERALL SCHEMATIC LAYOUT DETAIL.</li><li>2. VALVE BOX AND LID TO BE CONCRETE H2O TRAFFIC RATED. TOP OF BOX TO BE LEVEL, FLUSH TO FINISH GRADE IF LOCATED IN PAVED AREA, 1" ABOVE FINISH GRADE IF LOCATED IN NON PAVED AREA. USE VALVE BOX EXTENSIONS AS REQUIRED TO ENCASE VALVE AND PIPE WITHIN BOX WITH A 3" CLEARANCE BELOW. ALL PENETRATION SHALL BE SEALED FROM THE INSIDE.</li></ol>		 <p>NORMALLY OPEN MASTER SOLENOID CONTROL VALVE</p> <p>VALVE BOX</p> <p>FLOW SENSOR</p> <p>10 PIPE DIAMETERS STRAIGHT PIPE NO FITTINGS</p> <p>5 PIPE DIAMETERS STRAIGHT PIPE NO FITTINGS</p> <p>FROM BOOSTER PUMP</p> <p>MV</p> <p>FS</p> <p>TO SPRINKLER SYSTEM</p> <p>VALVE BOX</p>	<p>NOTE:</p> <ol style="list-style-type: none"><li>1. COMPACT SOIL AROUND PLASTIC VALVE BOX TO SAME DENSITY AS SURROUNDING UNDISTURBED SOIL.</li></ol>  <p>8" DIA. PVC PIPE EXTENSION</p> <p>MAINLINE PIPE</p> <p>CUT PIPE EXTENSION TO FIT OVER MAINLINE, EXTENDING BELOW MAINLINE PIPE 3"</p> <p>SIDE VIEW</p> <p>FINISH GRADE</p> <p>CARSON VALVE BOX, MODEL 910 WITH BOLT DOWN COVER, GREEN COLOR, OR APPROVED EQUAL.</p> <p>8" DIA. PVC PIPE EXTENSION LENGTH AS REQ'D.</p> <p>SCH 80 THREADED NIPPLE 4" LONG - 2 REQ.</p> <p>SCH 80 UNION - 2 REQ.</p> <p>SCH. 40 MALE ADAPTER - 2 REQ.</p> <p>MAIN LINE PIPE</p> <p>BRONZE GATE VALVE</p> <p>BRICK, 3 REQ'D. SPACED @ 1/3 PTS. EVENLY UNDER BASE OF BOX.</p> <p>1" ROUND RIVER ROCK, 6" DEPTH</p>								
<p>3</p> <p>BACKFLOW PREVENTION DEVICE/ENCLOSURE</p>		<p>NOTES:</p> <ol style="list-style-type: none"><li>1. SET BODY PLUMB SO TOP OF HEAD IS LEVEL WITH FINISH GRADE.</li><li>2. COMPACT SOIL AROUND HEAD TO PREVENT SETTLEMENT.</li><li>3. ADJUST ARC PATTERN TO PROVIDE FOR BEST COVERAGE.</li></ol>  <p>POP-UP SPRINKLER HEAD</p> <p>INSTALL 3" AWAY FROM EDGE OF PAVING, CURB OR MOW-STRIP AND 9" AWAY FROM BUILDINGS UNLESS OTHERWISE INDICATED ON PLAN.</p> <p>FINISH GRADE</p> <p>THREADED SCH. 80 RISER, LENGTH AS REQ'D.</p> <p>15 DEG. MIN. - 60 DEG. MAX.</p> <p>LATERAL LINE</p> <p>MANUFACTURED 1/2" SWING JOINT ASSEMBLY, 6" LENGTH.</p> <p>LATERAL LINE</p> <p>LATERAL LINE FITTING SK&amp;T</p> <p>MANUFACTURED 1/2" SWING JOINT ASSEMBLY, 6" LENGTH.</p>	<p>4</p> <p>MASTER VALVE AND FLOW SENSOR LAYOUT</p>								
<p>NOTES:</p> <ol style="list-style-type: none"><li>1. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.</li><li>2. INSTALL RZWS SLEEVE OVER TUBE TO HELP PREVENT SOIL INTRUSION.</li></ol>		 <p>TREE</p> <p>CENTER LINE OF SPRINKLER HEAD</p> <p>EARTH BERM WHEN NOT IN LAWN AREA</p> <p>ROOT ZONE WATERING SYSTEM</p> <p>LATERAL LINE, SEE PLAN.</p>	<p>5</p> <p>GATE VALVE DETAIL, 3" SIZE AND SMALLER</p>								
<p>NOTE:</p> <ol style="list-style-type: none"><li>1. ALIGN VALVE BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGES OF WALKS, WALLS, FENCING, BUILDINGS, ETC., TYPICAL.</li><li>2. REFER TO SPECIFICATIONS FOR ADDITIONAL VALVE BOX INSTALLATION REQUIREMENTS.</li></ol>		 <p>RECTANGULAR VALVE BOX, WITH LOCKING LID, PER SPECIFICATIONS, TYPICAL. BOX TYPE, SIZE, COLOR AND LID MARKINGS AS REQUIRED PER SPECIFICATIONS. VERIFY QUANTITY AND LOCATION(S) PER PLAN.</p> <p>EDGE OF WALK, WALL, FENCING, BUILDING, ETC., TYPICAL.</p> <p>CIRCULAR VALVE BOX, WITH LOCKING LID, PER SPECIFICATIONS, TYPICAL. BOX TYPE, SIZE, COLOR AND LID MARKINGS AS REQUIRED PER SPECIFICATIONS. VERIFY QUANTITY AND LOCATION(S) PER PLAN.</p> <p>RCV A-11</p> <p>RCV A-12</p> <p>OCV</p> <p>6" TYPICAL</p> <p>1'-0" TYPICAL</p>	<p>6</p> <p>SHRUB BUBBLER DETAIL</p>								
<p>NOTE:</p> <ol style="list-style-type: none"><li>1. INSTALL PER MANUFACTURERS INSTRUCTIONS.</li><li>2. LXMM WEIGHT: 20 LBS LXMPED WEIGHT: 35 LBS TOTAL MAXIMUM ENCLOSURE WEIGHT: 55 LBS</li></ol>		 <p>AUTOMATIC CONTROLLER CABINET</p> <p>METAL PEDESTAL</p> <p>110 VOLT SERVICE SEE ELECTRICAL DRAWINGS.</p> <p>COMMON WIRE</p> <p>CONTROL WIRE</p> <p>3/8" STAINLESS STEEL J-BOLTS, NUTS, AND WASHERS, 3" MINIMUM EMBEDMENT DEPTH (4 REQUIRED)</p> <p>CONCRETE SLAB, 4" THICK, BROOM FINISH, BY LANDSCAPE CONTRACTOR.</p> <p>UF DIRECT BURIAL WIRES TO AUTOMATIC CONTROL VALVES</p> <p>FLOW SENSOR CABLE AND UF DIRECT BURIAL WIRES TO MASTER VALVE AS NECESSARY</p> <p>(2) 2" SWEEP ELLS AND CONDUIT SEE ELECTRICAL DRAWINGS.</p> <p>110 VOLT WIRE IN CONDUIT SEE ELECTRICAL DRAWINGS.</p>	<p>7</p> <p>POP-UP SPRINKLER HEAD DETAIL</p>								
<p>8</p> <p>TREE BUBBLER HEAD DETAIL</p>		<p>9</p> <p>TYPICAL VALVE BOX LAYOUT</p>	<p>10</p> <p>AUTOMATIC CONTROLLER/PEDESTAL DETAIL</p>								

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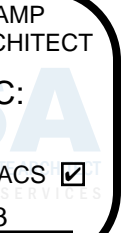
DIV. OF THE STATE ARCHITECT

APP: 02-120455 INC:

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SS ☒ FLS ☒ ACS ☒

DATE: 01/12/2023



730 Howe Avenue, Suite 450

Sacramento, CA 95825

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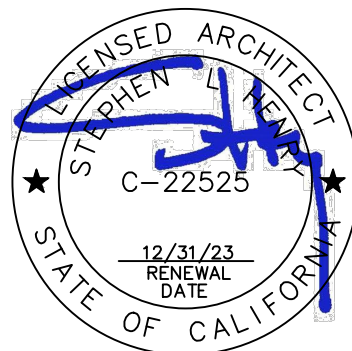
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HENRY+

ASSOCIATES

ARCHITECTS



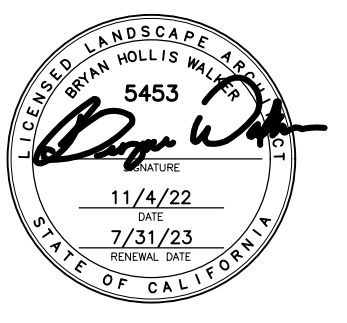
MODERNIZATION LAKEWOOD

ELEMENTARY SCHOOL

LANDSCAPE

IRRIGATION DETAILS

CONSULTANT



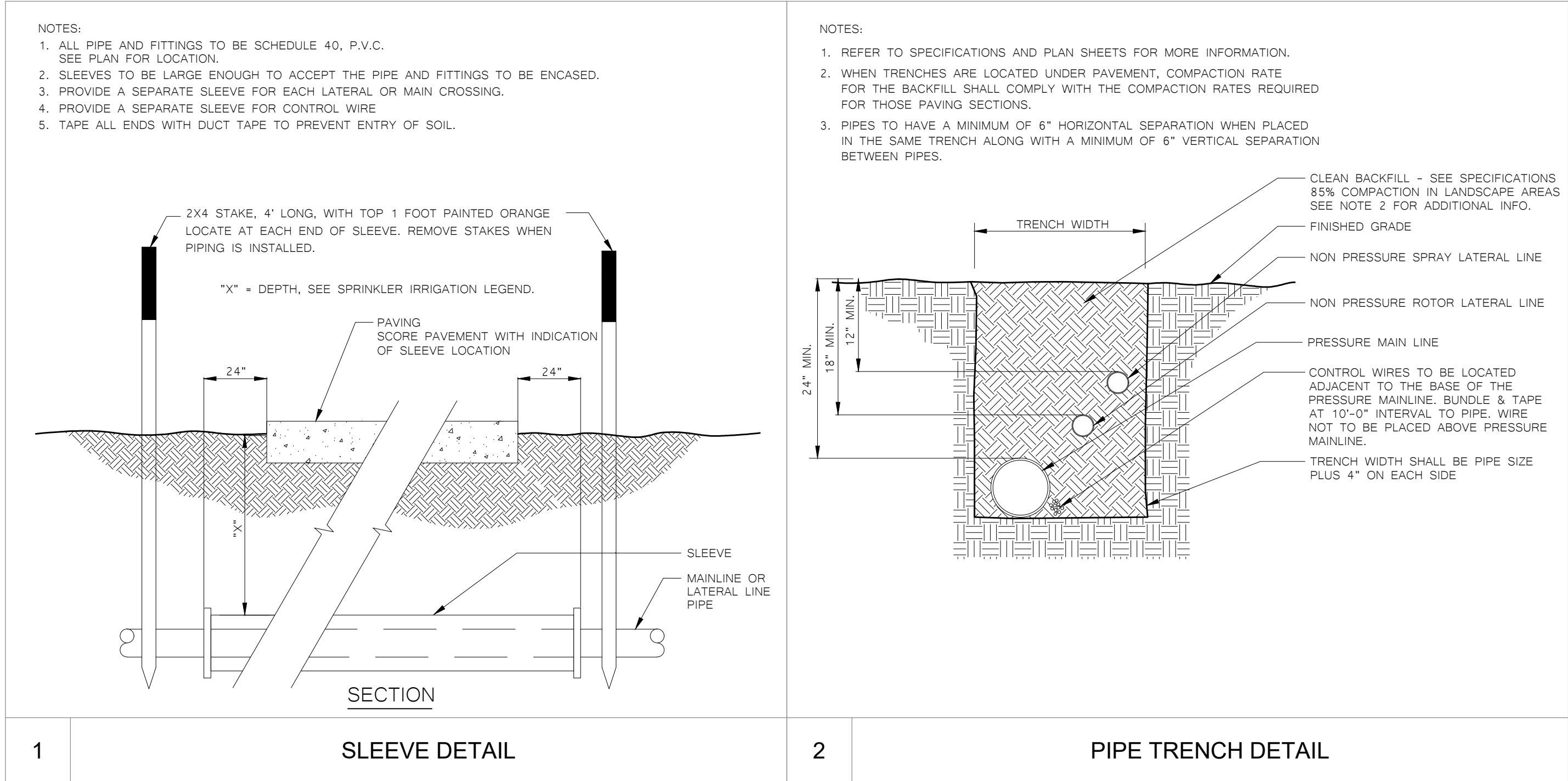
Bryan Hollis Walker

C-5453

PROJECT NO.	REVISIONS	BY
21-32-052		
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SHEET NO.		

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IRRIGATION SCHEDULE TABLE

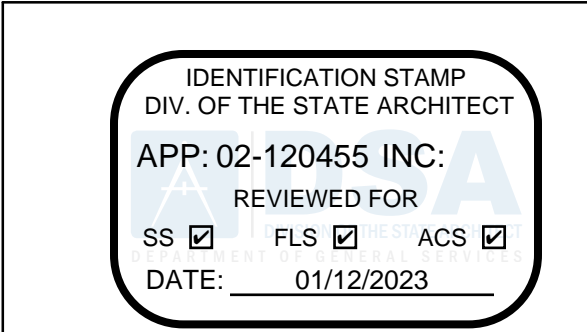
STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION TYPE	FLOW (GPM)	PRECIP. RATE (PR) INCH/HR	IRRIGATION EFFICIENCY (IE)	SOIL TYPE	ROOT DEPTH	SLOPE	EXPOSURE	MAINTENANCE PERIOD (X/Y Z GAL)																																																		
											JANUARY		FEBUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMEBER		DECEMBER																												
1	SHRUB - MEDIUM	0.8	SPRAY	33.1	1.83	0.75	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 11	0 GAL	0 / 11	0 GAL	2 / 11	256 GAL	14 / 2	3,965 GAL	17 / 3	7,291 GAL	12 / 5	8,570 GAL	13 / 5	9,210 GAL	9 / 6	8,059 GAL	12 / 3	5,244 GAL	17 / 1	2,558 GAL	0 / 11	0 GAL	0 / 11	0 GAL																											
2	TREE - MEDIUM	0.5	BUBBLER	11.5	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 2	0 GAL	0 / 2	0 GAL	2 / 2	188 GAL	19 / 3	2,918 GAL	26 / 4	5,365 GAL	21 / 6	6,307 GAL	22 / 6	6,777 GAL	17 / 7	5,930 GAL	19 / 4	3,859 GAL	19 / 2	1,883 GAL	0 / 2	0 GAL	0 / 2	0 GAL																											
3	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.8	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 3	0 GAL	0 / 3	0 GAL	0 / 3	38 GAL	6 / 4	589 GAL	8 / 5	1,082 GAL	7 / 7	1,272 GAL	8 / 7	1,367 GAL	6 / 8	1,196 GAL	6 / 5	779 GAL	5 / 3	380 GAL	0 / 3	0 GAL	0 / 3	0 GAL																											
4	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.3	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 4	0 GAL	0 / 4	0 GAL	0 / 4	35 GAL	5 / 5	538 GAL	7 / 6	989 GAL	6 / 8	1,163 GAL	7 / 8	1,249 GAL	5 / 9	1,093 GAL	5 / 6	711 GAL	4 / 4	347 GAL	0 / 4	0 GAL	0 / 4	0 GAL																											
5	SHRUB - LOW	0.2	POINT-SOURCE DRIP	1.7	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 5	0 GAL	0 / 5	0 GAL	0 / 5	11 GAL	4 / 6	173 GAL	6 / 7	317 GAL	6 / 9	373 GAL	6 / 9	401 GAL	5 / 10	351 GAL	4 / 7	228 GAL	3 / 5	111 GAL	0 / 5	0 GAL	0 / 5	0 GAL																											
6	SHRUB - LOW	0.2	POINT-SOURCE DRIP	4.5	0.50	0.81	SANDY LOAM	12-24"	0-5%	PART SHADE	0 / 6	0 GAL	0 / 6	0 GAL	0 / 6	29 GAL	3 / 7	457 GAL	5 / 8	840 GAL	5 / 10	987 GAL	5 / 10	1,061 GAL	4 / 11	928 GAL	4 / 8	604 GAL	2 / 6	295 GAL	0 / 6	0 GAL	0 / 6	0 GAL																											
7	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.9	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 7	0 GAL	0 / 7	0 GAL	0 / 7	39 GAL	3 / 8	599 GAL	5 / 9	1,101 GAL	5 / 11	1,294 GAL	5 / 11	1,391 GAL	4 / 12	1,217 GAL	3 / 9	792 GAL	2 / 7	386 GAL	0 / 7	0 GAL	0 / 7	0 GAL																											
8	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.8	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 8	0 GAL	0 / 8	0 GAL	0 / 8	38 GAL	3 / 9	589 GAL	4 / 10	1,082 GAL	4 / 12	1,272 GAL	4 / 12	1,367 GAL	4 / 13	1,196 GAL	3 / 10	779 GAL	2 / 8	380 GAL	0 / 8	0 GAL	0 / 8	0 GAL																											
9	TREE - MEDIUM	0.5	BUBBLER	3.0	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 9	0 GAL	0 / 9	0 GAL	0 / 9	49 GAL	6 / 10	761 GAL	10 / 11	1,400 GAL	10 / 13	1,645 GAL	10 / 13	1,768 GAL	8 / 14	1,547 GAL	7 / 11	1,007 GAL	4 / 9	491 GAL	0 / 9	0 GAL	0 / 9	0 GAL																											
10	SHRUB - LOW	0.2	POINT-SOURCE DRIP	1.4	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 10	0 GAL	0 / 10	0 GAL	0 / 10	9 GAL	2 / 11	142 GAL	4 / 12	261 GAL	4 / 14	307 GAL	4 / 14	330 GAL	3 / 15	289 GAL	3 / 12	188 GAL	1 / 10	92 GAL	0 / 10	0 GAL	0 / 10	0 GAL																											
												MONTHLY RAINFALL (CITY)		4.2		3.8		3.1		1.2		0.6		0.2		0.1		0.1		0.4		1		2.6		2.8																									
												MONTHLY ET (CITY)		1.0		JAN		1.6		FEB		3.3		MAR		4.3		APR		6.3		MAY		6.9		JUN		7.3		JUL		6.4		AUG		4.5		SEP		3.0		OCT		0		NOV		0		DEC	
												MONTHLY TOTALS (GAL)		0 GAL				0 GAL				692 GAL				10,730 GAL				19,729 GAL				23,191 GAL				24,921 GAL				21,806 GAL				14,191 GAL				6,923 GAL				0 GAL				0 GAL			

IRRIGATION HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	HYDROZONE AREA (HA) (SQ.FT.)	PF x HA (SQ.FT.)	IRRIGATION EFFICIENCY (IE)	ETWU (GALLONS)
1	SHRUB - MEDIUM	0.8	1,650	1320.0	0.75	50,959
2	TREE - MEDIUM	0.5	460	230.0	0.81	8,222
3	SHRUB - LOW	0.2	3,118	623.6	0.81	22,291
4	SHRUB - LOW	0.2	2,473	494.6	0.81	17,680
5	SHRUB - LOW	0.2	555	111.0	0.81	3,968
6	SHRUB - LOW	0.2	1,363	272.6	0.81	9,744
7	SHRUB - LOW	0.2	1,706	341.2	0.81	12,196
8	SHRUB - LOW	0.2	2,192	438.4	0.81	15,671
9	TREE - MEDIUM	0.5	3,778	1889.0	0.81	67,524
10	SHRUB - LOW	0.2	674	134.8	0.81	4,819
			TOTAL AREA	17,969		ETWU TOTAL 213,073
			TOTAL AREA (SLA)	1,650		
Et0 (Lo0)	46.7					
ESTIMATED TOTAL WATER USAGE (ETWU) = (ET0)(0.62)(PF)(HA)(IE) = GAL/YEAR						
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = (ET0)(0.62)((0.45 x LA)+(0.55 x SLA)) = GAL/YEAR						
					MAWA TOTAL	260,399

LANDSCAPE HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	IRRIGATION TYPE	HYDROZONE AREA (HA) (SQ.FT.)	% OF TOTAL LANDSCAPE AREA
1	SHRUB - MEDIUM	SPRAY	1,650	9.2%
2	TREE - MEDIUM	BUBBLER	460	2.6%
3	SHRUB - LOW	POINT-SOURCE DRIP	3,118	17.4%
4	SHRUB - LOW	POINT-SOURCE DRIP	2,473	13.8%
5	SHRUB - LOW	POINT-SOURCE DRIP	555	3.1%
6	SHRUB - LOW	POINT-SOURCE DRIP	1,363	7.6%
7	SHRUB - LOW	POINT-SOURCE DRIP	1,706	9.5%
8	SHRUB - LOW	POINT-SOURCE DRIP	2,192	12.2%
9	TREE - MEDIUM	BUBBLER	3,778	21.0%
10	SHRUB - LOW	POINT-SOURCE DRIP	674	3.8%
		TOTAL AREA	17,969	100.0%

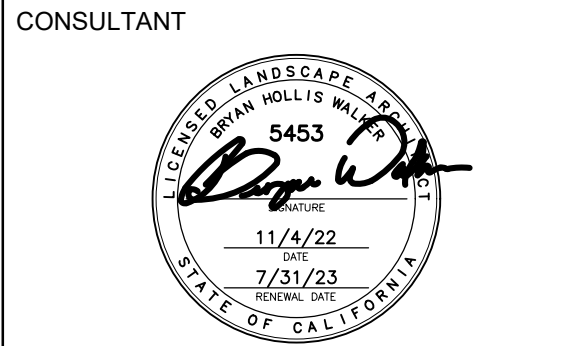


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MODERNIZATION LAKEWOOD  
ELEMENTARY SCHOOL

WATER  
EFFICIENCY CHARTS



Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		
SHEET NO.		

L5.1