

**ST. TAMMANY PARISH SCHOOL BOARD
COVINGTON, LOUISIANA**

The St. Tammany Parish School Board will receive sealed bids until 2:30 p.m. CST on Friday, October 23, 2026, on Lease/Rent of Modular Classroom Buildings for Boyet Junior High School in accordance with the following instructions, attached specifications and drawings.

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1. Bids shall be submitted on the enclosed bid form. All conventional paper bids shall be either hand delivered or sent by registered or certified mail with a return receipt requested to the St. Tammany Parish School Board Office located at 321 North Theard Street, Covington, Louisiana 70433, in a sealed envelope clearly marked on the outside **"BID #1899 - MODULAR CLASSROOM BUILDINGS FOR BOYET JUNIOR HIGH SCHOOL- October 23, 2026."** All bids arriving after this date and hour will be returned unopened to the bidders. The responsibility for timely delivery rests solely with the bidder. Bids delayed through any means of delivery service and arriving after the deadline will not be accepted. No bid may be withdrawn for at least thirty (30) days after the scheduled closing time for receipt of bids.
2. Bids may also be submitted electronically. Please find bid related materials and place electronic bids at **www.centralbidding.com**.
3. At the time set for the opening of bids, their contents will be publicly opened and read aloud for the information of bidders and others properly interested who may be present in person or by representative.
4. Prices shall include all engineering, documents for permitting, State of Louisiana Fire Marshal review and approval, on site installation, set-up, leveling, foundations, anchoring, skirting and delivery charges to Boyet Junior High School, 59295 Rebel Drive, Slidell, LA 70461.
5. Sales tax **IS NOT** to be included in your bid prices. St. Tammany Parish School Board is exempt from sales tax as provided by LA R.S. 47:301(8)(c). Sales tax exemption only applies to purchases between St. Tammany Parish School Board and the contractor/vendor. Sales tax exemption does not apply to purchases made directly by the contractor/vendor to other companies on behalf of the school board. Those purchases are not sales tax exempt.
6. ***The signature on the bid is that of an authorized representative as documented by the legal entity certifying the authority of the person by either Written evidence or a Corporate Resolution shall be submitted with bid.***
7. **ALL BIDS SHALL BE ACCOMPANIED BY A BID SECURITY IN THE FORM OF AN ORIGINAL, FULLY EXECUTED BID BOND. CERTIFIED CHECK, CASHIER'S CHECK OR MONEY ORDER IN THE AMOUNT OF FIVE PERCENT (5%) OF THE TOTAL PRICE OF EITHER OPTION 1 OR OPTION 2, WHICHEVER OPTION IS THE HIGHEST TOTAL COST. BIDS WILL NOT BE CONSIDERED UNLESS THE REQUIRED CHECK OR BID BOND IS ATTACHED.**
8. ***If submitting bid electronically, then bid security must be in the form of an original, valid fully executed bid bond only. A copy of the bid bond must be included in your bid documents, and the original bid bond must be received by the St. Tammany Parish School Board Office within 48 hours of the bid opening. No cashier's check, certified check or money order will be accepted for an electronic bid.*** Failure to comply will cause your bid to be non-responsive.
9. A Performance Bond in the total amount of the order will be required from the successful bidder.
10. If the total of your bid is \$50,000.00 or more, you must show your Louisiana State Contractor's License number on the **outside** of your bid envelope.

11. In accordance with LA Revised Statute 38:2252, "Preference is hereby given to materials, supplies and provisions, produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside of the state." As a bidder you must indicate on your bid response if you are claiming a preference.
12. The successful bidder(s) shall furnish a Certificate of Insurance within fifteen (15) calendar days after award of bid but prior to delivery of merchandise. Certificate should provide for:
The Certificate of Insurance should provide the following:
 - a. Comprehensive General Liability - \$1,000,000.00 combined single limit. Coverage to include premises, operations, contractor's protective liability, products and completed operation, contractual liability.
 - b. Comprehensive General Automobile Liability Insurance with minimum limits of Bodily Injury – Each Person \$1,000,000.00, Bodily Injury – Each Occurrence \$1,000,000.00, Property Damage – Each Occurrence \$1,000,000.00. Coverage shall be written to include all owned, non-owned and hired vehicles.
 - c. Workers Compensation – State of Louisiana, Employer's Liability, Statutory requirements \$1,000,000.00.
 - d. **NOTE:** The Registered Licensed Structural Engineer/Modular Vendor shall carry and provide not less than \$1,000,000 of Professional Errors and Omissions Insurance naming St. Tammany Parish School Board as additional insured.
13. Cash discounts, if offered, will be taken into consideration in determining the low bidder. **DISCOUNTS LESS THAN THIRTY (30) DAYS WILL NOT BE CONSIDERED IN MAKING AN AWARD.** Beginning date for discount period shall be determined by date of invoice or date of delivery of merchandise whichever occurs last.
14. It is the intent of the specifications to invite bids on high-quality merchandise. Mentioning a brand, manufacturer, and number is done only to establish the standard of quality desired. It is not the intent to eliminate brands of equal quality but instead to set forth and convey to prospective bidders the general style, type, character and quality of the product desired.
15. The School Board reserves the right to select a higher priced item where, in the judgment of the School Board, such item is of superior quality or design or would be more suitable for the purpose intended. The School Board further reserves the right to adjust quantities by increasing or decreasing and to reject any and all bids.
16. The School Board reserves the right to obtain clarification of a vendor's bid or to obtain additional information necessary to properly evaluate their bid.
17. Successful bidder must consent to and yield to the exclusive venue and jurisdiction of the 22nd Judicial District Court for the Parish of St. Tammany and waive any and all claims of entitlement to removal of any case from this jurisdiction, including any removal to any Federal Court, in connection with bid.
18. Questions may be emailed to construction@stpsb.org. All questions must be received by 2:00 pm, Friday, October 16, 2026.



STEVE E. ALFONSO, JR.
Interim Superintendent

ST. TAMMANY PARISH SCHOOL BOARD COVINGTON, LOUISIANA
SPECIFICATIONS ON MODULAR BUILDINGS

It is the intent of the St. Tammany Parish School Board to rent/lease modular classroom building units which will be used to support needs at the school indicated on attached. Units are to be new and approved by the Louisiana State Fire Marshal and any other governing authorities. Bids and information will also be accepted in addition for units that meet all codes, have all necessary approvals and tags, and are in new or like-new condition and have been manufactured within no less than 3 years of the date of this bid.

This project consists of the fabrication, delivery, and set-up of all units required to provide for three (3) buildings to support: (A) Band, (B) Choral and (C) provide for a twelve (12) classroom building with internal hallway, restrooms for students and separate single ADA restroom for staff and a custodial closet as shown on the attached drawings.

Contractor is responsible for the design, engineering, permitting, transport and complete set-up (including but not limited to setting units, foundations, anchoring and blocking, and skirting of units) and demobilization of the units **per the attached drawings** at Boyet Junior High School, Slidell, LA. Modular Contractor is responsible for all materials necessary for proper blocking and anchoring of the modular building units and for skirting the units at the elevations indicated and in coordination with the Owner's Separate Infrastructure Contractor.

Modular Contractor is not responsible for on-site walkways, canopies, electrical connections, water and sewer connections or special systems connections or added cabinetry, markerboards and tackboards. However, Modular Contractor is to note that these items will be installed in or adjacent to the modular buildings. School system and/or other contractor will also add network wiring, access control, additional electrical, special system devices and wiring as necessary to support St. Tammany Parish Public School System's classroom use.

Modular Contractor is responsible for all approvals and permits necessary to provide, transport and install the modular buildings. Modular Contractor shall also provide and coordinate and participate as needed with Owner/Infrastructure Contractor to provide any necessary information to authorities having jurisdiction of the development of the modular classroom buildings for issuance of all required building permits, inspections and final occupancy inspections. (**Reference attached drawings**)

Classroom modular buildings shall be designed and built to meet all latest edition of current applicable codes, shall have shop drawings and be built in accordance with these codes, shall be reviewed and approved by the Louisiana State Fire Marshal including the Industrial Building Review, NFPA Fire Safety, and IBC. At a minimum, modular classroom buildings should be capable of withstanding design loads in accordance with ASCE 7-16. Wind speed design should be per latest edition IBC code for the location in which the buildings are to be located.

Finishes are to be typical of modular building industry for use in a heavily utilized classroom setting. All exterior finishes shall match in color. Roof must carry a 10-year weather tightness warranty on the system and be in watertight condition. Modular Contractor shall have a local service provider certified in the type roofing system on the building that will respond to any roof leak reports within 24 hours throughout the lease term. **NOTE:** Successful bidder shall provide name of local service provider before signed lease/contract agreement. Floor finish of VCT tile is preferred. Each classroom shall have HVAC systems designed for the size, load and use of the building/classrooms. The systems are to be designed to maintain temperature when occupied within 2 degrees+/- of cooling 70 degrees; heating 72 degrees. Modular Contractor is to be responsible for issues with the leased units relative to HVAC, Roof or Wall Leaks, or other building related issues during the lease period. Lessee will change HVAC filters and do regular general cleaning. Classroom door hardware provided by Modular Contractor is to be classroom storeroom function and to be keyed same for all classrooms. The exterior door hardware provided by Modular Contractor is to be keyed to the school key system and have electric strikes and panic hardware to work with St. Tammany Parish School Board Access Control System.

Classroom Modular Buildings are to be certified as having no asbestos or formaldehyde containing materials and shall have V.O.C. levels below those recommended by the EPA. Buildings shall have no mold and any materials showing signs of such are to be fully replaced and the building tested by Owner's environmental consultant at the Contractor's expense.

Protect modular buildings from damage during delivery, storage, and handling. Reinforce, stiffen, and brace modular buildings to withstand handling, delivery, and erection stresses. Lift fabricated assemblies to prevent damage or permanent distortion. Buildings are to be installed plumb, square, true to line and with connections securely fastened to foundations in accordance with manufacturer's written instructions, and any requirements of authorities with jurisdiction. Plumbing rough-in is to be manifolded by Modular Contractor for connection by Infrastructure Contractor.

Building site is located at a grassy field area with varying grade elevations. Modular Contractor is to provide foundations relative to grade to provide for level finish floor elevation across all units combined to act as one building. Infrastructure Contractor is to prepare site for Modular Contractor installation of foundations and buildings. Trees adjacent (if applicable) to general building area are to be protected.

Modular Building is to be utilized for operation of St. Tammany Parish Public School System Classrooms. As such, the use of the building areas, will be heavy. Owner will do regular daily dust mopping, regularly scheduled mopping and yearly waxing of flooring- custodial service as typical to the campus.

NOTE: Modular Contractor is to anticipate cost of any repairs or replacements needed upon return of the units. Owner will not pay additional costs upon return for these repairs and replacements due to typical heavy use as a classroom wing.

Successful bidder is to coordinate with on-site Infrastructure General Contractor and deliver and set-up modular units to create one complete building in alignment with on-site Infrastructure GC schedule.

Delivery and all set up is expected to be completed within 60 days of Notice to Proceed on site anticipated to be approximately on or around February, 2027.

Delivery of units shall be coordinated to not impact or interfere with daily school car and bus traffic or school events.

SCHOOL HOURS:

Boyce Junior High School hours are 8:55-3:55 M-F.

Adjacent School, Little Oak Middle School hours are 7:35 -2:35 M-F.

It should be noted that both schools utilize the same routing for car and bus traffic on Rebel Drive and car line stacking on the limestone perimeter drive located on Boyce Junior High School property. This driveway is adjacent to the modular buildings site location.

UPCOMING SCHOOL HOLIDAYS:

Thanksgiving -	November 23-27, 2026
Winter Break -	December 21, 2026 -January 4, 2027
Martin Luther King Holiday -	January 18, 2027
Mardi Gras -	February 8-12, 2027
Spring Break -	March 26-31, 2027
Last Day of School Year	May 26, 2027

Monthly lease term is to start at completion of setup of units such that the building may be occupied.

Submittals:

Complete shop drawings and calculations bearing the seal of a registered structural engineer in the State of Louisiana submitted and approved by State of Louisiana Fire Marshal including IBC review. Foundation and anchoring details shall be included and stamped by the engineer. (All foundations and anchoring required shall be installed per stamped drawings by Modular Contractor.) All calculations, details and drawings shall be stamped by the same engineer and engineer shall have a minimum of 5 years' documented experience designing modular buildings similar to those required for this project.

Building documentation must also include a stamped letter from a licensed electrical engineer certifying that the lighting level meets the requirements of Department of Health and Hospitals and Code requirements. The engineer of record shall carry and provide not less than \$1,000,000 of Professional Errors and Omissions Insurance naming the Owner as additional insured. Shop drawings should include details showing framing, extent of any pre-fabrication, and including details or attachments of member to member within system, bridging, attachment to foundations and other framing systems.

A drawing of layout of "like-new" buildings shall be submitted with the bid. These layouts are necessary to determine how the "like-new" buildings will affect the infrastructure scope of work.

Complete building product and warranty information shall be submitted along with the roof 10-year weather tightness warranty on the system.

Schedule for production, delivery and complete setup of units shall be provided.

Modular Contractor (Lessor) will be required to sign a statement indicating that the requirements indicated in this bid are acknowledged as part of the lease agreement. (**see enclosed sample statement**)

Non-Asbestos or other Hazardous Materials Certificate signed by Lessor: Classroom Modular Buildings are to be certified as having no asbestos or formaldehyde containing materials and shall have V.O.C. levels below those recommended by the EPA.

A copy of your company's standard lease agreement/contract should be included with your bid which will be subject to review and/or revisions by School Board counsel. Jurisdiction of any lawsuits or other claims will be State of Louisiana, St. Tammany Parish, 22nd Judicial District.

Modular Contractor shall possess a Louisiana State Commercial Contractor's License (Classification – Building Construction) Louisiana Contractor's License No. must be listed on the outside of the sealed bid.

Attachments:

Modular Classroom Buildings Specifications

Sample Modular Classroom Wing Plan

Site Plan

Infrastructure For Modular Wing Plans (for information)

Acknowledgment of Requirements in Bid

Affidavit of Compliance with Louisiana R.S. 38:2212.9, 38:2224 & 38:2227

Affidavit of Certification of Non-Discrimination Against Firearm/Ammunition Industry

ST. TAMMANY PARISH SCHOOL BOARD COVINGTON, LOUISIANA

BID FORM FOR MODULAR BUILDINGS' LEASE/RENT

Boyet Junior High School
October 23, 2026, 2:30 p.m.

Company Name: _____

Address: _____

ITEM 1

Total of Units Required to Provide for a 12-classroom Building with Restrooms, Internal Hallway and Fire Wall (Bldg. A), Choral Building (Bldg. B) and Band Building (Bldg. C) as shown on the attached drawings

OPTION 1 – Total Price for Lease 36 months of **(New) Buildings**.

Price per month/building 12 Classroom Wing with Restrooms, Internal Hallway and Fire Wall: _____

Price per month/building Choral: _____

Price per month/building Band: _____

Total Price 36 Month Lease all Buildings: _____

OPTION 2 - If available, provide total price for Lease 36 months of **"like new"** condition buildings.

Price per month/building 12 Classroom Wing with Restrooms, Internal Hallway and Fire Wall: _____

Price per month/building Choral: _____

Price per month/building Band: _____

Total Price 36 Month Lease: _____

Provide Year **"like new"** Buildings were Manufactured: _____

ITEM 2

Total Price for initial delivery, installation, set-up, leveling, anchoring and skirting all units to create complete building setup: _____

ITEM 3

Total Price for dismantling and removing all units to remove buildings from site:

ESTIMATED DATE OF DELIVERY: _____

Acknowledgement of Addenda (if applicable): _____

Successful bidder to coordinate with on-site Infrastructure General Contractor and deliver and set-up modular units to create three complete buildings in alignment with on-site Infrastructure GC schedule.

Delivery and all set up are expected to be completed within 60 days of Notice to Proceed on site anticipated to be approximately on or around mid/end of January, 2027.

Liquidated damages of \$1000.00 per day shall apply for any days beyond this contract time. Time extensions for unforeseeable conditions will be considered should any occur.

The St. Tammany Parish School Board reserves the right to lease new buildings or to accept alternate bid to lease reconditioned units, or any combination, whichever option is most advantageous to the School Board.

Successful bidder shall be required to submit the following enclosed Affidavit's within ten (10) days after bid award. (Affidavit of Compliance with Louisiana R.S. 38:2212.9, 38:2224 & 38:2227 and Affidavit of Certification of Non-Discrimination Against Firearm/Ammunition Industry)

BID SUBMITTED BY:

Name of Company

Date of Bid

Mailing Address

Discount (If Applicable)

City, State, Zip Code

Typed Name of Representative

Telephone Number

Signature of Representative

Email Address of Representative

Modular Classroom Buildings - Specifications

1.1 SUMMARY

A. Section Includes:

1. Fabricated wood-construction modular classroom buildings.

1.2 ACTION SUBMITTALS

A. Product Data:

1. Fabricated wood-construction modular classroom buildings.

B. Shop Drawings: For modular classroom buildings. Include plans, elevations, sections, details, accessories, and fastening and anchorage details.

C. Delegated Design Submittals: For modular classroom buildings, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1. Modular buildings shall be built in compliance with the International Building Code, Americans with Disabilities Act, International Plumbing Code, International Mechanical Code, International Energy Conservation Code, and the National Electric Code. Modular buildings shall be engineered to meet local floor and roof load requirements and shall have electrical, heating and cooling loads sized in accordance with nec and IBC codes.
2. Indicate connections to foundations.

1.3 INFORMATIONAL SUBMITTALS

A. Sample Warranty: For special warranty.

PART 2 – PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer to design modular classroom buildings.

B. Structural Performance: Modular classroom buildings to withstand the following loads and stresses within limits and under conditions indicated in accordance with ASCE/SEI 7.

1. Loads: As indicated on Drawings.

C. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.

D. Electrical Components, Devices, and Accessories: Listed and labeled in accordance with NFPA 70 and marked for intended location and application.

E. Regulatory Requirements: Comply with applicable provisions in the U.S. Department of Justice's "2010 ADA Standards for Accessible Design".

2.2 MODULAR CLASSROOM BUILDINGS

A. Basis of Design Product: Provide the following or a similar complete product system meeting requirements indicated by a comparable manufacturer.

1. Basis of Design Manufacturer: Palomar Modular Buildings

- a. Layout: (A) Band: @ 64'-0" x 23'-6"

(B) Choral: @ 33'-0" x 23'-6"

(C) 12 Classroom Wing Building: @ 69'-9.5" x 168'-6" with 2 hour fire wall assembly as shown on drawing sheet A001-P0 and A005-P0

- b. Size: (A) @1505s.f. (B) @775 s.f. (C) @ 11,765 s.f.

- c. Number of Modules/Units: (A) 2 (B) 4 (C) 13
- d. Building Type: VB
- e. Floors:
 - i. Frame type: Outrigger sized to meet design criteria
 - ii. Running gear: tires, axles and hitches removed and stored under unit or as otherwise coordinated with Owner
 - iii. Wood joists: 2 x 10 southern yellow pine @16" o.c.
 - iv. Insulation: R-30 fiberglass unfaced batt
 - v. Decking" ¾" Sturdi-floor T&G
 - vi. Moisture Protection: bottom board woven, reinforced poly
 - vii. Floor covering: 12 in commercial vinyl tile
 - viii. Wall base: 4 inch vinyl cove
- f. Exterior Walls:
 - i. Wood studs: 2x6 @16" o.c. with double top and single bottom plates
 - ii. Insulation R-19 fiberglass unfaced batt
 - iii. Exterior sheathing: 7/16" OSB
 - iv. Moisture control: building wrap
 - v. Exterior siding: 29 ga steel pre-finished, panel loc+
 - vi. Vinyl gyp wall finish: 5/8" vinyl covered gypsum board
- g. Interior Walls:
 - i. Wood studs: 2x4 @16" o.c. with double top and single bottom plates
 - ii. Insulation: R-11 unfaced fiberglass batt
 - iii. VCG wall finish: 5/8" vinyl covered gyp
 - iv. Special wall construction: 45 minute rated walls at custodial closet
 - v. Restroom wall finish: Class "c" FRP, full height
- h. Roof:
 - i. Type: wood with laminated plywood mate beams
 - ii. Std. Wood rafters: 2x10 @ 24 oc
 - iii. Insulation: R-30, unfaced
 - iv. Decking: 5/8" OSB plus FR adhesive for class C roof
 - v. Roof covering: EPDM, 45 mil membrane or other acceptable roofing system
 - vi. Ceiling: 2x2 suspended ceiling, USG or equal radar tile, 15/16 grid
- i. Doors:
 - i. Exterior steel doors:
 - a. (qty: 7) 3-0 / 6-8 steel door, knock down frame, closer, painted 18ga door, 16ga frame, insulated
 - b. (qty: 2) removable mullion
 - ii. Interior doors:
 - a. (qty: 15) 3-0 / 6-8 pre finished solid core wood door / 18ga "timely" knock down steel frame rated per State of Louisiana Code and FM requirements
 - b. Special doors: (qty: 1) 45 minute rated at custodial closet. (qty: 2) 90 minute rated at 2 hour wall separation shown on drawings on magnetic hold opens with Fire Alarm System
 - iii. Door glazing: (qty: 7) door glass: 6x27" (ext) and (qty:12) door glass 6"x18" at classroom doors

- iv. Ext door hardware: (qty: 7) pmb standard pull/standard panic hardware and electric strikes (Owner will change out the hardware to be compatible with Owner Access Control System)
 - v. Int door hardware: (qty: 12) classroom, Offices, Data, and Custodial doors to have Storeroom Function lever handle locksets and to be keyed same for all classrooms (qty:1) Staff ADA RR to have indicator lock "occupied"/"unoccupied" with thumb-turn lock on interior side; (qty:2) Push Pull for Girls' and Boys' Restrooms
 - vi. Door stops: floor mounted
- j. Windows:
- i. Exterior windows: (qty: 15) 3-0 / 5-0 dual pane, low-E, clear glazing, single hung vinyl frame (minimum 1 per classroom, 2 in Band)
 - ii. Blinds: (15 ea.) 1" metal mini blinds
- k. Electrical:
- i. Conduit: non-metallic tubing (ENT)
 - ii. Receptacles: duplex receptacles, 20 amp, unbreakable covers
 - iii. GFI receptacles: (4) ea 20 amp
 - iv. Exterior receptacles: (2) ea, convenience duplex with cover
 - v. Child/tamper/hospital: per code
 - vi. Dedicated receptacles: 20A w/receptacle. (electric water cooler)
 - vii. Dedicated receptacles: 50A connection (40 gal + water heater, etc.)
 - viii. Panels: (4) 100A-200A, 10KAIC, 1P, clip on breakers
 - ix. Room lighting: 2x4 LED fixtures
 - x. Emergency lights: (3) emergency - 2 bulb LED with remote head
 - xi. Exit lights: (3) exit lights, LED w/battery backup
 - xii. Exterior lights: (2) exterior porch, LED at each exit
 - xiii. Occupancy sensor, single: (14) each wall mounted
 - xiv. Empty box & conduits: (32) stubbed to ceiling, 3/4".
- l. Fire Protection:
- i. Not included. Fire Alarm System to be installed by Other Contractor.
- m. Plumbing:
- i. Supply piping: CPVC
 - ii. Waste piping: PVC/ SCH 40 DWV
 - iii. Toilets: (10) toilet, standard height, 3 ADA, floor mounted, tank type
 - iv. Urinals: (3) urinal, standard
 - v. Flush valves: flush valve- battery operated per toilet fixture, manual per urinal
 - vi. Lavatories: (13) lavatory, wall mount or drop-in w/single lever faucet
 - vii. Sinks: (1) mop sink - fiberglass, floor mounted
 - viii. Floor drains: (3) ea floor drain, with trap primer & access door
- n. Water fountains:
- i. (1) ea elec water cooler with 2 stations - hi-lo with bottle filler
- o. Water heaters:
- i. (1) ea 40 gal water heater, electric w/overflow pan
 - ii. (1) ea recirculation pump
 - iii. (1) ea expansion tank: 5-10 gal

- p. Accessories:
 - i. (7) ea 18" x 36" SS framed mirrors – **Owner provided**
 - ii. (3) ea set hc grab bars for HC toilet – **Owner provided**
 - iii. (8) ea toilet paper holder- single surface mounted – **Owner provided**
- q. Toilet partitions: (8) ea toilet partitions - powder coated steel, floor mounted, overhead braced,(1) wall mounted urinal screen
- r. HVAC:
 - i. Std. Units: wall mounted packaged HVAC with electric heat strip, 1 phase, sized per design requirements
 - ii. Supply air: ducted
 - iii. Ducting: flex duct
 - iv. Return air: at return, jump ducts as required
 - v. Thermostats: 7 day programable with occupant override
 - vi. Diffusers: adjustable diffusers
 - vii. Filter: at unit; provide new set of clean filters at turn over to Owner
- s. Exhaust fans:
 - i. (1) 80 CFM exhaust fan/light combo
 - ii. (2) 300 CFM exhaust fans
- t. Millwork:
 - i. Not included. Will be installed by Owner/Other Contractor
- u. Ship Loose:
 - i. Close up: close-up plastic for skirting or belly band
 - ii. Skirt framing: pressure treated wood framing (36" ht)
 - iii. Skirting: 29 ga metal
- v. Set up:
 - i. Anchors, auger, straps, clips
 - ii. 2" x 8" pt shims & oak wedges
 - iii. Foundations and piers as required

PART 3 – EXECUTION

3.1 FABRICATION

A. Manufacture all modules in accordance with state and customer approved drawings.

3.2 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, including foundations and CMU Block piers; critical dimensions; and other conditions affecting performance of the Work.

B. Examine roughing-in for electrical and plumbing systems to verify actual locations of connections before control booth installation.

- C. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 DELIVERY

- A. Truck / Translift as required to set all modular buildings in accordance with a mutually agreed site plan and staging schedule and area.
- B. Provide all permits required for transportation of the modules over the road.

3.4 INSTALLATION

- A. Make final modular mate line structural connections and finishes including electrical and HVAC crossovers provided by modular classroom building manufacturer in the field.
- B. Provide and install pressure-treated wood framing with siding to match exterior of building including ventilation & skirt panel access.
- C. Install in accordance with manufacturer's written instructions.
- D. Install with interior floor surface at elevation indicated on drawings.
- E. Set classroom buildings plumb and aligned.
- F. Coordinate with Owner's "Infrastructure" Contractor on site to achieve a complete project with Modular Classroom Building Infrastructure and Walkways for all systems and other equipment that must be installed in or adjacent to or connected to the Modular wing so that the project(s) are complete and pass inspections for occupancy.

3.5 ADJUSTING

- A. Adjust doors, operable windows, and hardware to operate smoothly, easily, properly, and without binding. Confirm that locks engage accurately and securely without forcing or binding.
- B. Adjust interior and exterior lighting controls.
- C. Lubricate hardware and other moving parts.
- D. After completing installation, inspect exposed finishes and repair damaged finishes.
- E. Test all HVAC units and provide clean filters in all at turn over to Owner.

End of Specification Attachment



ACKNOWLEDGMENT OF REQUIREMENTS IN BIDS

I, _____, [Insert Name], as a representative of _____, acknowledge that _____[Insert Company Name] has entered into a lease agreement as Lessor with the St. Tammany Parish School Board as Lessee for the Leasing of Modular Classroom Building for STPSB Project No. _____[Insert STPSB Project No.] at _____[Insert School Name and Address]. I further acknowledge that I have reviewed all requirements, specifications, and instructions in the Request for Quotes, including any referenced attachments, issued by the St. Tammany Parish School Board for the Leasing of Modular Classroom Building for STPSB Project No. _____[insert STPSB Project No.] I affirm that, in executing the lease agreement, _____[Insert Company Name] will comply with all requirements, specifications, and instructions contained in this Bid.

Signed this _____ day of _____, 2026.

REPRESENTATIVE

Modular Company

Certification of Non-Discrimination Against Firearm/Ammunition Industry

State of Louisiana

Project Name: Boyet Junior High School Infrastructure
and Walkways for Modular Wing

Parish of _____

Project Number: 2511

AFFIDAVIT

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and Parish aforesaid, personally came and appeared _____ duly authorized and representing _____, who being by me first duly sworn deposed and said that he has read this affidavit and does hereby agree under oath to comply with all provisions herein as follows:

Section 2216.1 of Part II of Chapter 10 of Title 38 of the La. Revised Statutes of 1950 as amended. Specifically, the Affiant states and certifies that:

- (1) Affiant does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association; and
- (2) Affiant will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

Affiant Signature: _____

Affiant Print Name: _____

SWORN TO AND SUBSCRIBED before me this _____ day of _____, 2026.

NOTARY PUBLIC

Note: This form is to be removed, fully executed and delivered by the apparent low bidder within ten (10) days after the designated time that bids are to be opened. This form shall be delivered to the same location that bids are to be accepted.

AFFIDAVIT OF COMPLIANCE WITH LOUISIANA REVISED STATUTES 38:2212.9, 38:2224 AND 38:2227

STATE OF _____

PARISH/COUNTY OF _____

PROJECT NO. 2511

NAME Boyet Junior High School, Infrastructure and
Walkways for Modular Wing

LOCATION Slidell, LA

AFFIDAVIT

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the state and parish aforesaid, personally came and _____, representing _____, being by me first duly sworn deposed and said that he/she has read and signed this affidavit and he/she does hereby attest, under oath, as follows:

(1) That affiant and his/her firm employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract for the above-referenced project with the St. Tammany Parish School Board under which he will, if awarded the contract, receive or have received payment, other than persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for affiant;

(2) That no part of the contract price to be received or received by affiant or his/her firm was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the affiant whose services in connection with the construction of the public building or project were in the regular course of their duties for affiant;

(3) That neither affiant, nor any partner, incorporator, director, manager, officer, organizer, or member who has a minimum of ten percent ownership in the bidding entity, has been convicted of, or has entered a plea of guilty or nolo contendere to any crimes enumerated in Louisiana Revised Statute 38:2227, or equivalent federal crimes; and

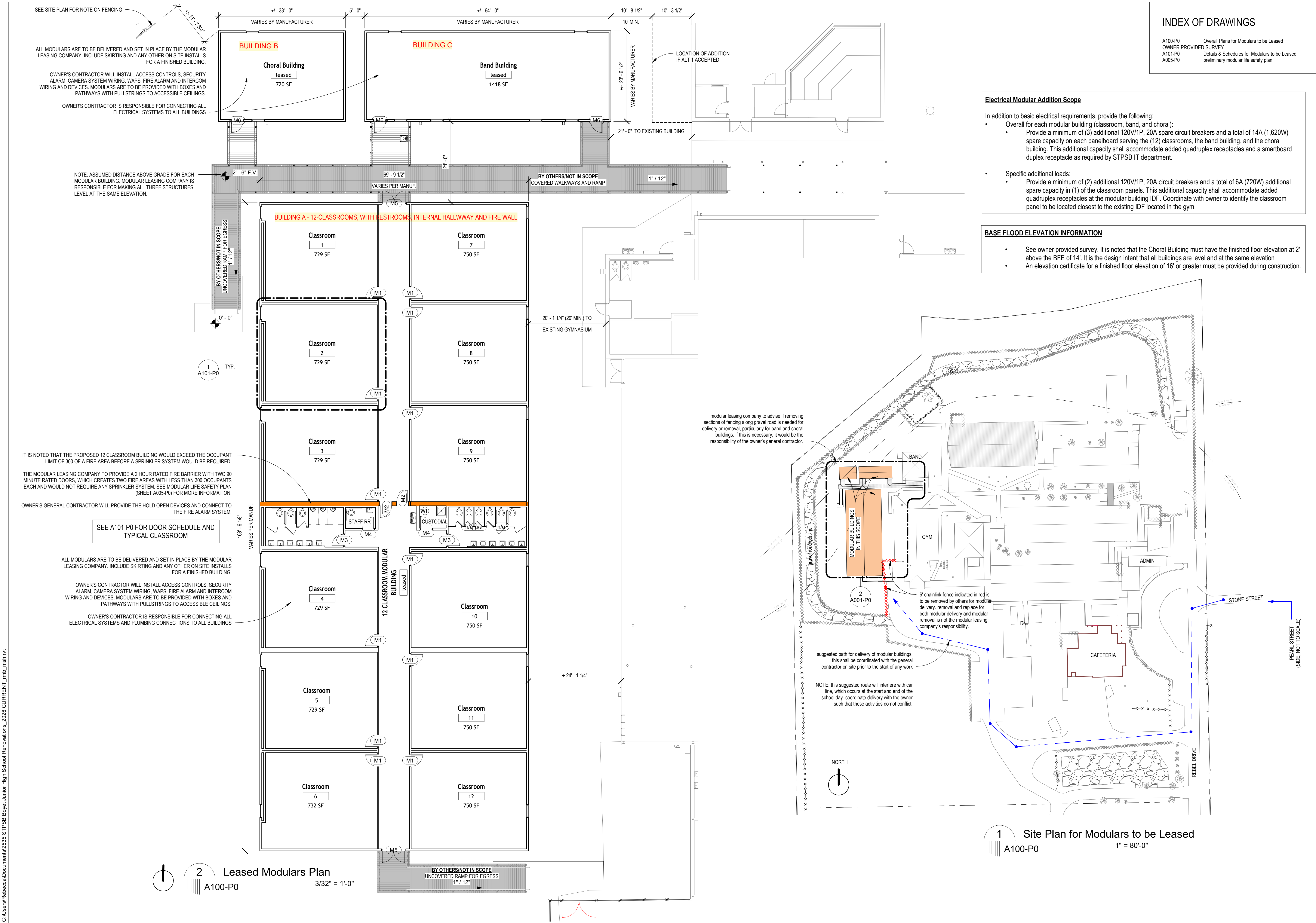
(4) That neither affiant, nor any individual with an ownership interest of five percent or more in his/her firm has been convicted of, or has entered a plea of guilty or nolo contendere to any state felony crime or equivalent federal felony crime committed in the solicitation or execution of a contract or bid awarded under the laws governing public contracts as described in Louisiana Revised Statute 38:2212.9.

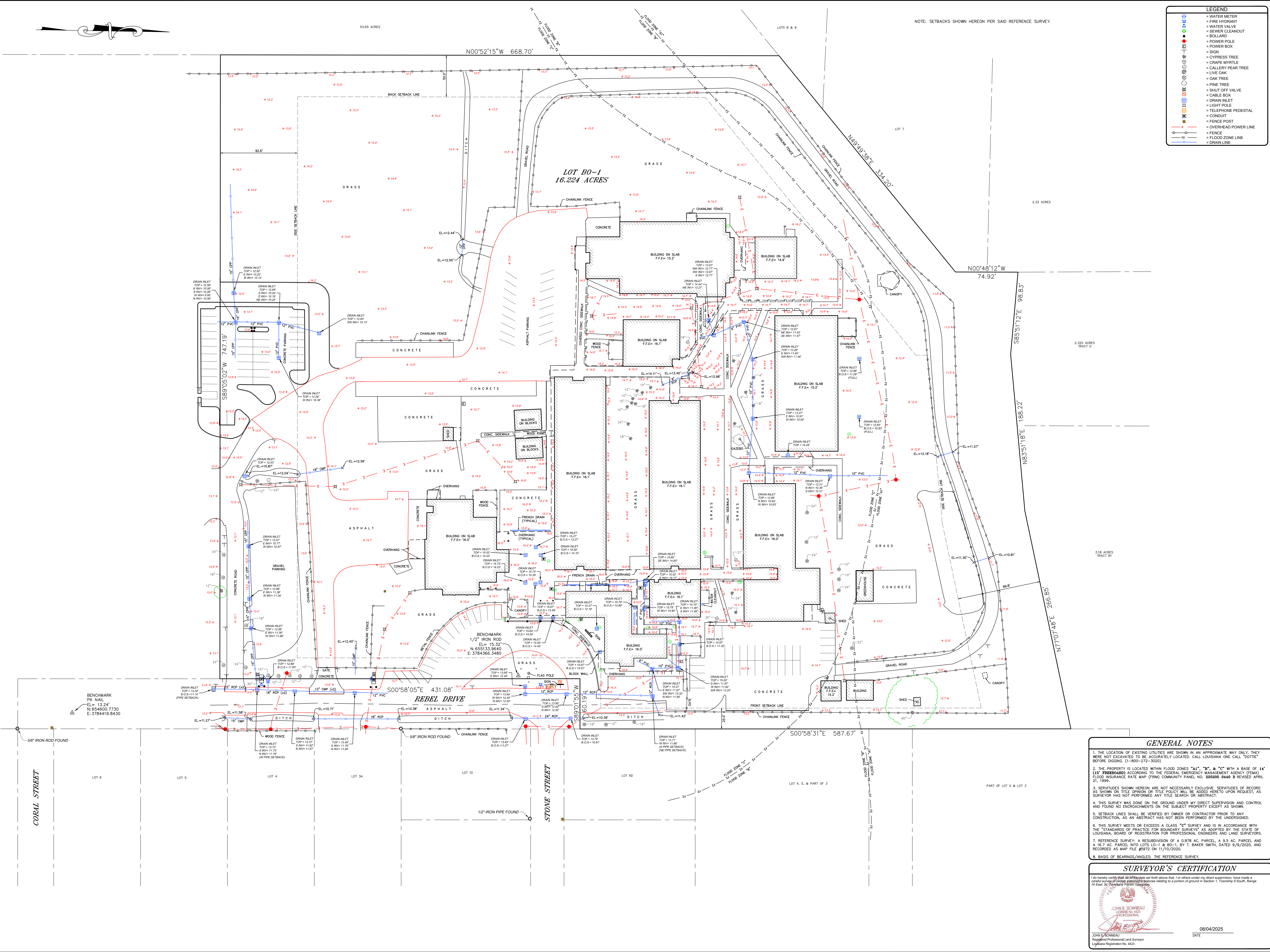
Bidder or representative to sign and type name below signature.

Affiant

SWORN TO AND SUBSCRIBED BEFORE ME THIS _____ day of _____, 2026.

NOTARY PUBLIC





- LEGEND**
- WATER METER
 - FIRE HYDRANT
 - WATER VALVE
 - SEWER CLEANOUT
 - BOLLARD
 - POWER POLE
 - POWER BOX
 - SIGN
 - CYPRESS TREE
 - CRAPPE MYRTLE
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 - CONDUIT
 - FENCE POST
 - OVERHEAD POWER LINE
 - FENCE
 - FLOOD ZONE LINE
 - DRAIN LINE

REVISIONS	
NO.	DATE
1	7/7/28
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A BOUNDARY & TOPOGRAPHIC MAP OF
BOYETT JR. HIGH SCHOOL BEING LOT B0-1
situated in
SECTION 1, TOWNSHIP 9 SOUTH, RANGE 14 EAST,
Greensburg Land District, St. Tammany Parish, Louisiana
for
ST. TAMMANY PARISH SCHOOL BOARD

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PROJECT NO.: 25-140282
DRAWN BY: SAC
CHECKED BY: JEB
SCALE: 1" = 40'

DATE: 08/04/2025

LOWE ENGINEERS

PROFESSIONAL LAND SURVEYORS -
101 MAISON BLANCHE DRIVE, SUITE 34
METairie, LA 70001
PHONE: 504-885-1122
FAX: 504-885-1178
www.loweengineers.com
e-mail: mason@loweengineers.com

SURVEYOR'S INFORMATION

John E. Bonneau
Registered Professional Land Surveyor
Louisiana Registration No. 4423

DATE: 08/04/2025

SHEET
1 OF 1

GENERAL NOTES

- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THEY WERE NOT EXCAVATED TO BE ACCURATELY LOCATED. CALL LOUISIANA ONE CALL "DODGE" BEFORE DIGGING. (1-800-272-3020)
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- REFERENCE SURVEY: A RESUBDIVISION OF A 0.878 AC. PARCEL, A 9.5 AC. PARCEL AND A 16.7 AC. PARCEL INTO LOTS 10-1 AND 80-1, BY T. BAKER SMITH, DATED 9/9/2020, AND RECORDED AS MAP FILE #5972 ON 11/10/2020.
- BASES OF BEARINGS/ANGLES: THE REFERENCE SURVEY.

SURVEYOR'S CERTIFICATION

I do hereby certify that, to the best of my knowledge and belief, I am a duly qualified and licensed Professional Land Surveyor, and that I have made a careful survey of the premises and the features relating to a portion of ground in Section 1, Township 9 South, Range 14 East, St. Tammany Parish, Louisiana.

John E. Bonneau
Registered Professional Land Surveyor
Louisiana Registration No. 4423

DATE: 08/04/2025

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Leased Modular Door Schedule								
Door Number	Quantity	Door			Frame	Fire Rating	Hardware	Comments
		Width	Height	Material	Material			
M1	12	3' - 0"	6' - 8"	WOOD/GLASS	METAL	20 min.	01	Narrow Lite (20 min) with bottom of glazing max 43" AFF
M2	2	3' - 0"	6' - 8"	WOOD	METAL	90 Minutes	02	
M3	2	3' - 0"	6' - 8"	WOOD	METAL	20 min.	03	
M4	2	3' - 0"	6' - 8"	METAL	METAL	20 min.	04	
M5	2	6' - 0"	6' - 8"	INSUL. METAL/GLASS	METAL		05	Half lite with bottom of glazing max 43" AFF
M6	3	3' - 0"	6' - 8"	INSUL. METAL/GLASS	METAL		06	Half lite with bottom of glazing max 43" AFF

GENERAL NOTES: DOOR SIZES ARE RECOMMENDATIONS, IT IS NOTED 7'-0" HEIGHT IS ALSO ACCEPTABLE. ALL DOORS TO COMPLY WITH APPLICABLE CODES.

HARDWARE SETS

HW 1:
3 HINGES
1 CLOSER
F07 STOREROOM LOCKSET
MUTES
STOP

HW 2:
3 HINGES
1 CLOSER
PANIC BARS ON PUSH/LEVERSET ON PULL WITH LATCHING (FREE NON-LOCKING FROM BOTH DIRECTIONS)
SMOKE GASKETING IF REQUIRED FOR FIRE RATING
*NOTE THAT HOLD OPEN DEVICES ARE TO BE INSTALLED BY OTHERS AND CONNECTED TO FIRE ALARM SYSTEM.

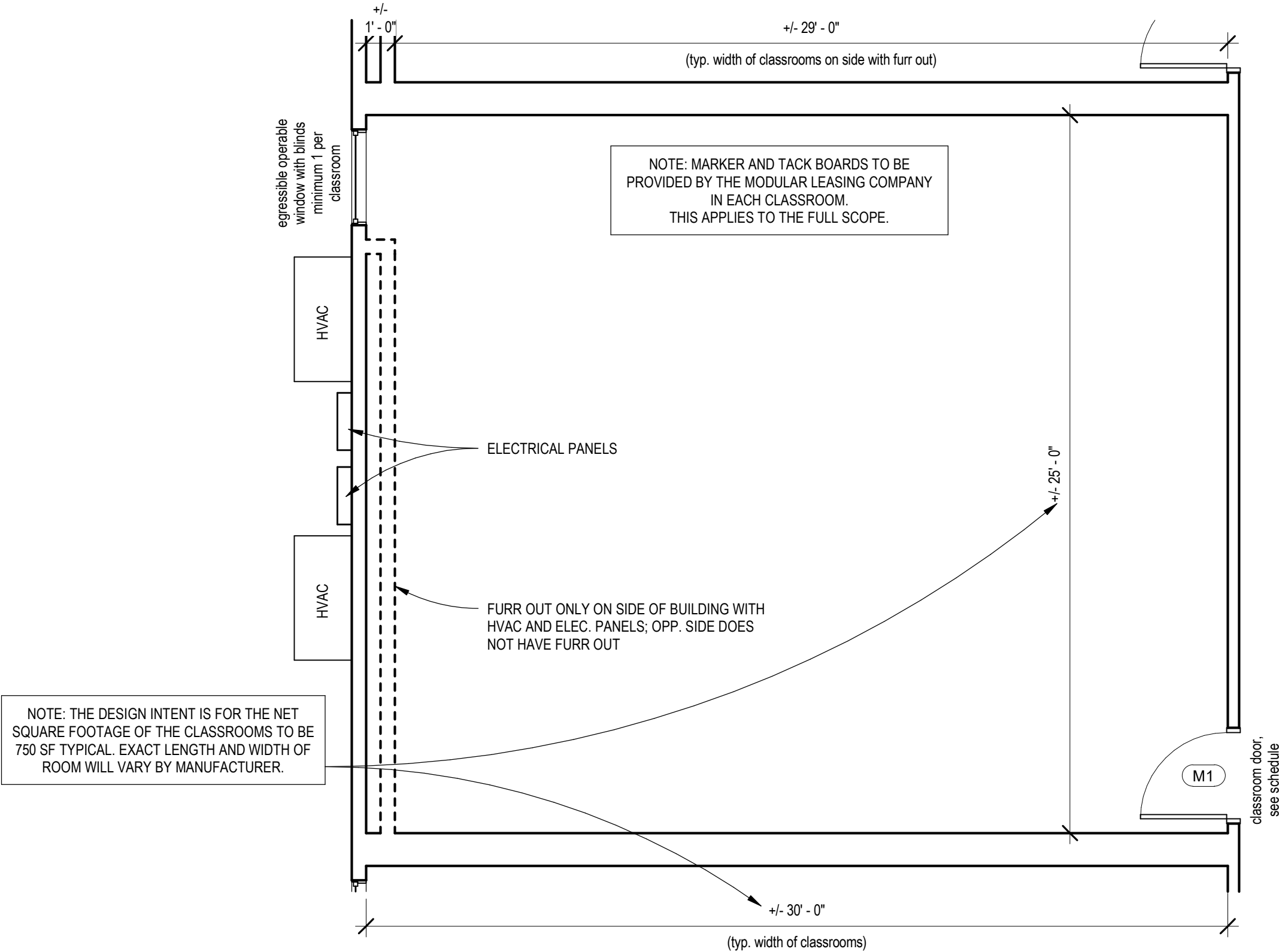
HW 3:
3 HINGES
1 CLOSER
PASSAGE LOCKSET WITH LATCHING
MOP PLATES
MUTES
STOPS

HW 4:
3 HINGES
1 CLOSER
F07 STOREROOM LOCKSET
MOP PLATES
MUTES
STOPS

HW 5:
6 HINGES
2 CLOSER
WEATHERSTRIPPING
THRESHOLD
TWO (2) EXIT DEVICES/ FUNCTION CODE 09/ LESS DOGGING
ASTRAGAL
REMOVABLE MULLION

HW 6:
3 HINGES
1 CLOSER
WEATHERSTRIPPING
THRESHOLD
MORTISE LOCKSET F07 STOREROOM (LATCHBOLT/DEADBOLT)
ELECTRIC STRIKE, BASIS OF DESIGN = 1600 SERIES (POE) BY MANUF. HES, an Assa Abloy Group company;[HES 5000 (interior)/ HES 1600 (exterior)];
www.assaabloydss.com/#ele
*NOTE THAT IT IS THE DESIGN INTENT THAT THESE DOORS WILL RECEIVE ACCESS CONTROLS BY OWNER. SEE ELECTRICAL FOR DATA WIRING, ALL OTHER ITEMS FOR ACCESS CONTROLS ARE INSTALLED BY OWNER.

ADDITIONAL PRODUCT INFORMATION - Electric Strikes: Comply with **BHMA A156.31**, Grade 1.
Provide **UL (DIL)** listed burglary-resistant electric strike; style to suit locks.
Provide non-handed 24 VDC electric strike suitable for door frame material and scheduled lock configuration.
Provide field selectable Fail Safe/Fail Secure modes.
Strikes shall be compatible with Owner's card access system. See Hardware Schedule for Basis of Design (BOD) strikes.



1 typical example classroom
A101-P0 1/4" = 1'-0"

Boyet Jr. High School, MODULAR LEASING PLANS
59295 Rebel Dr, Slidell, LA 70461
STPSB Project No. TBD

issue date
09.04.2026

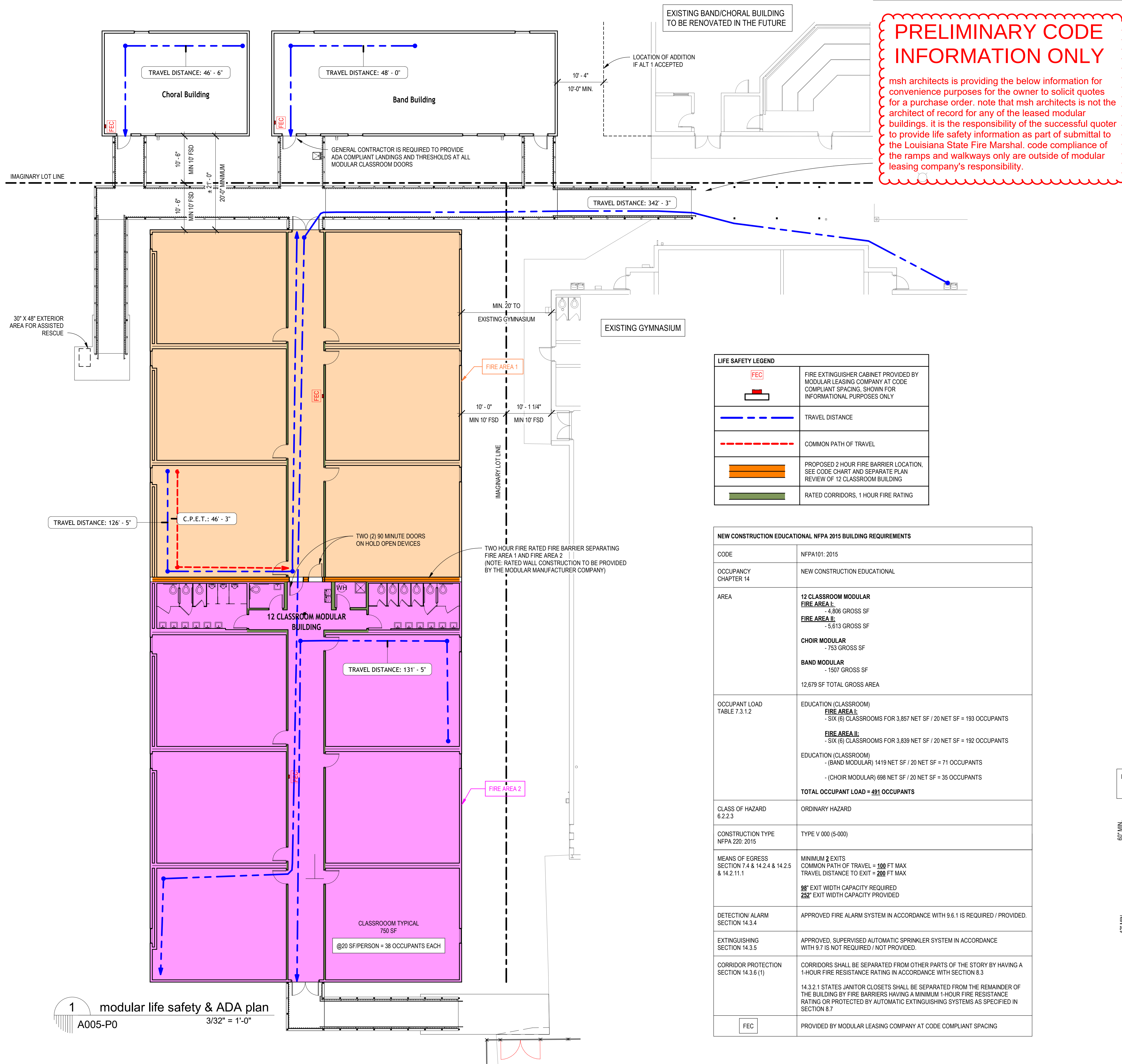
revisions

msh job no.
2535.1

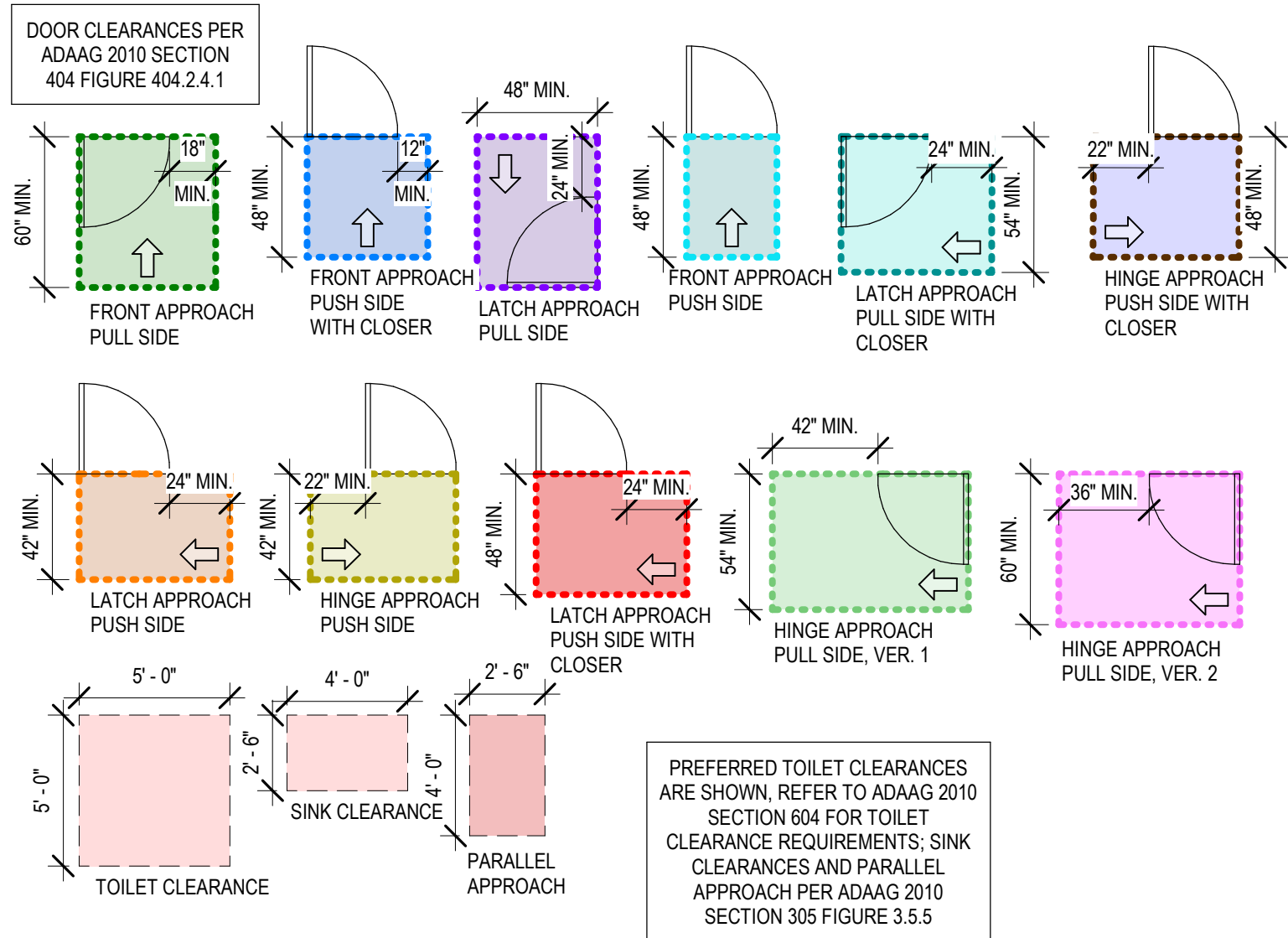
sheet title
Details & Schedules for
Modulars to be Leased

sheet no.
A101-P0

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NEW CONSTRUCTION EDUCATIONAL IBC 2021 BUILDING REQUIREMENTS		
CODE	IBC, 2021 (AS PART OF THE LSUCC)	
OCCUPANCY SECTION 305	EDUCATIONAL GROUP E	
AREA	12 CLASSROOM MODULAR FIRE AREA I: - 5,469 GROSS SF FIRE AREA II: - 6,291 GROSS SF TOTAL: 11,761 GROSS SF FIRE SEPARATION DISTANCE (FSD) TO IMAGINARY LOT LINES IS GREATER THAN 10' TO ALL OTHER BUILDINGS.	CHOIR MODULAR - 777 GROSS SF BAND MODULAR - 1507 GROSS SF NOTE: NO FIRE SEPARATION DISTANCE TO EXISTING BAND/CHORAL BUILDING PER TABLE 705.5. WITH ALTERNATE #1 ADDITIONS, THAT BUILDING IS LESS THAN 4,300 SF. TOTAL FIRE AREA FOR THESE THREE BUILDINGS: 6,584 SF
OCCUPANT LOAD SECTION 1004	EDUCATION (CLASSROOM) FIRE AREA I: - SIX (6) CLASSROOMS FOR 4,438 NET SF / 20 NET SF = 222 OCCUPANTS FIRE AREA II: - SIX (6) CLASSROOMS FOR 4,438 NET SF / 20 NET SF = 222 OCCUPANTS EDUCATION (CLASSROOM) - (BAND MODULAR) 1419 NET SF / 20 NET SF = 71 OCCUPANTS - (CHOIR MODULAR) 720 NET SF / 20 NET SF = 36 OCCUPANTS TOTAL OCCUPANT LOAD = 551 OCCUPANTS NOTE: FOR BAND AND CHOIR MODULARS WITH MAX OCCUPANTS OF EXISTING BAND/CHOIR BUILDING: TOTAL OCCUPANT LOAD FOR THAT FIRE AREA = 71 + 36 + 125 (RENOVATED BLDG, ALT#1) = 233	
SEPARATIONS TABLE 508.4 AND TABLE 707.3.10 FOR FIRE AREAS	PER 707.3.10 THE FIRE BARRIERS, FIRE WALLS, HORIZONTAL ASSEMBLIES OR COMBINATIONS THEREOF SEPARATING A SINGLE OCCUPANCY INTO DIFFERENT FIRE AREAS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THAT INDICATED IN TABLE 707.3.10. PER TABLE 707.3.10, THE FIRE RESISTANCE RATING SHALL BE 2 HOURS.	
HAZARDOUS MATERIAL	ORDINARY HAZARD	
CONSTRUCTION TYPE TABLE 503, SECTION 506	TYPE CONSTRUCTION TYPE VB TABULAR AREA ALLOWABLE = 9,500 SF PER 506.3.3 FRONTAGE INCREASE FACTOR = 0.50 $9,500 \times (9.500 \div 0.50) = 14,250 \text{ SF}$ TOTAL ALLOWABLE AREA = 14,250 SF ACTUAL AREA (12 CLASSROOM MODULAR) = 11,761 SF	
DETECTION/ALARM SECTION 907.2.3	APPROVED FIRE ALARM SYSTEM IS REQUIRED/ PROVIDED.	
EXTINGUISHING SECTION 903.2.3	APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED. EACH FIRE AREA IS LESS THAN 300 OCCUPANTS AND LESS THAN 12,000 SF.	
MEANS OF EGRESS SECTION 1006 AND 1017, AND TABLES 1006.2.1, 1006.3.1, 1017.2	MINIMUM 2 EXITS COMMON PATH OF TRAVEL = 75 FT MAX TRAVEL DISTANCE TO EXIT = 250 FT MAX 98' EXIT WIDTH CAPACITY REQUIRED 252' EXIT WIDTH CAPACITY PROVIDED	
CORRIDOR PROTECTION TABLE 1020.2	1 HOUR FIRE-RESISTANCE RATING FOR CORRIDORS SERVING GREATER THAN 30 OCCUPANTS IN EDUCATIONAL OCCUPANCY	
FEC	PROVIDED BY MODULAR LEASING COMPANY AT CODE COMPLIANT SPACING.	
PLUMBING FIXTURE REQUIREMENTS SECTION 2902.1, TABLE 2902.1	EDUCATIONAL OCCUPANCY @ 551 OCCUPANTS WATER CLOSETS: 12 REQUIRED, 12 PROVIDED (1 PER 50 OCCUPANTS) LAVATORIES: 12 REQUIRED, 12 PROVIDED (1 PER 50 OCCUPANTS) 1 SERVICE SINKS REQUIRED, 1 PROVIDED 6 DRINKING FOUNTAIN REQUIRED, 6 PROVIDED. 2 DRINKING FOUNTAINS PROVIDED BY MODULAR AND LEASING COMPANY, 4 EXISTING DRINKING FOUNTAINS PROVIDED BY THE GYMNASIUM. (1 PER 100 OCCUPANTS) IN 2021 IPC, SECTION 410.4: IN OTHER OCCUPANCIES WHERE THREE OR MORE DRINKING FOUNTAINS ARE REQUIRED, WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50% OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS. IN 2021 IBC, SECTION 2902.5, DRINKING FOUNTAINS SHALL NOT BE REQUIRED TO BE LOCATED IN INDIVIDUAL TENANT SPACES PROVIDED THAT PUBLIC DRINKING FOUNTAINS ARE LOCATED WITHIN A TRAVEL DISTANCE OF 500 FEET OF THE MOST REMOTE LOCATION IN THE TENANT SPACE AND NOT MORE THAN ONE STORY ABOVE OR BELOW THE TENANT SPACE.	
ASCE 7-16	RISK CATEGORY III - 149 MPH	
ACCESSIBILITY - ALL CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES		



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STPSB Boyet Junior High School, Infrastructure and Coordination for Modulares

59295 Rebel Dr, Slidell, LA 70461
STPSB Project No. 2511



St. Tammany Parish School Board Administration

Frank J. Jabbia	Superintendent
Steve Alfonso	Associate Superintendent of Administration and Human Resources
Kimberly Gardner	Assistant Superintendent of Students with Exceptionalities and Federal Programs
Melissa Langlois	Assistant Superintendent of Curriculum and Instruction

St. Tammany Parish School Board Members

Matthew E. Greene	District 1	
Roslyn Hanson	District 2	
Adaline V. Rutherford	District 3	
Kalinda Fauntleroy	District 4	Chair of Human Resources/ Education Committee
C. Brandon Harrell	District 5	
Amanda R. Martin	District 6	President
Isabelle Moore	District 7	
Mike Peterson, Ph.D.	District 8	
Gia R. Baker	District 9	
Deborah McCollum	District 10	
Tammy Lamy	District 11	
Michelle Hirstius	District 12	
James Braud	District 13	
Dennis S. Cousin	District 14	Vice President
Michelle Ruffino Gallaher	District 15	Chair of Business Affairs/ Administrative Committee

Project Design Team

Architect
MSH Architects, LLC
229 East Kirkland Street
Covington, LA 70433

Structural Engineer
Southeast Engineers
4880 Bluebonnet Blvd Suite A
Baton Rouge, LA 70809

Civil Engineer
Kyle Associates, LLC
638 Village Lane N
Mandeville, LA 70471

Electrical Engineer
Drake Engineering, LLC
2783 Lapalco Blvd
Harvey, LA 70058

GENERAL NOTES

SPECIAL CONDITIONS

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS AND PROJECT SITE & SECURE FROM THE ARCHITECT ADDITIONAL INFORMATION, IF NECESSARY, THAT MAY BE REQUISITE TO A CLEAR AND FULL UNDERSTANDING OF THE WORK.

ANY WORK OR MATERIAL WHICH IS NOT DIRECTLY OR INDIRECTLY NOTED IN THE SPECIFICATIONS AND DRAWINGS, BUT IS NECESSARY FOR THE PROPER CARRYING OUT OF THE OBVIOUS INTENTION AS "IMPLIED" AND IS TO BE PROVIDED BY THE CONTRACTOR IN HIS PROPOSAL AS FULLY AS IF SPECIFICALLY DESCRIBED OR DELINEATED. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS MUST BE REPORTED TO THE ARCHITECT FOR CORRECTION AND INTERPRETATION BEFORE THE WORK IS EXECUTED.

DURING THE BIDDING PERIOD, ANY DISCREPANCIES, CONFLICTS, AND/OR QUESTIONS OF INTERPRETATION IN THE DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT PROMPTLY FOR CLARIFICATION. THE ARCHITECT SHALL ISSUE WRITTEN ADDENDA TO BIDDERS CLARIFYING SUCH MATTERS. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR ORAL INSTRUCTIONS. IT SHALL BE HELD THAT ALL BIDDERS HAVE EXAMINED ALL DOCUMENTS FOR PROPER COMPREHENSION IN THE DIVISION OF THE WORK, AND THEIR RELATIONSHIP TO OTHER CONTRACTORS OR SECTIONS OF THE WORK. NO ALLOWANCE SHALL BE MADE, AFTER THE BID OPENING, FOR MISUNDERSTANDING ON THE PART OF THE CONTRACTOR.

BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK, EACH CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING AND SHALL BE RESPONSIBLE FOR THE CORRECTION OF SAME. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THE MEASUREMENTS INDICATED ON THE DRAWINGS. ANY DIFFERENCE WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK.

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS & APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS & OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL, STATE AND FEDERAL GOVERNING AUTHORITIES.

SITE CONDITION

THE CONTRACTOR SHALL KEEP PREMISES CLEAN DURING CONSTRUCTION. TRASH SHALL NOT BE ALLOWED TO ACCUMULATE ON SITE DURING CONSTRUCTION. FINAL CLEAN UP AND REPAIR IS PART OF THIS WORK.

SITE SAFETY

ARCHITECT'S SITE RESPONSIBILITIES ARE LIMITED SOLELY TO THE ACTIVITIES OF THE CONSULTANT AND THE CONSULTANT'S EMPLOYEE ON SITE. THESE RESPONSIBILITIES SHALL NOT BE INFERRED BY ANY PARTY TO MEAN THAT THE ARCHITECT HAS RESPONSIBILITY FOR SITE SAFETY. SAFETY IN OR ABOUT THE SITE IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR ALONE. THE CONTRACTOR'S METHODS OF WORK PERFORMANCE, SUPERINTENDENCE OF THE CONTRACTOR'S EMPLOYEES, AND SEQUENCING OF CONSTRUCTION ARE ALSO THE SOLE AND EXCLUSIVE RESPONSIBILITIES OF THE CONTRACTOR ALONE.

INDEX OF DRAWINGS

A000-P0	cover sheet
OWNER PROVIDED SURVEY	

CIVIL

C000-P0	civil notes
C100-P0	paving & grading plan
C200-P0	utility plan
C300-P0	civil details

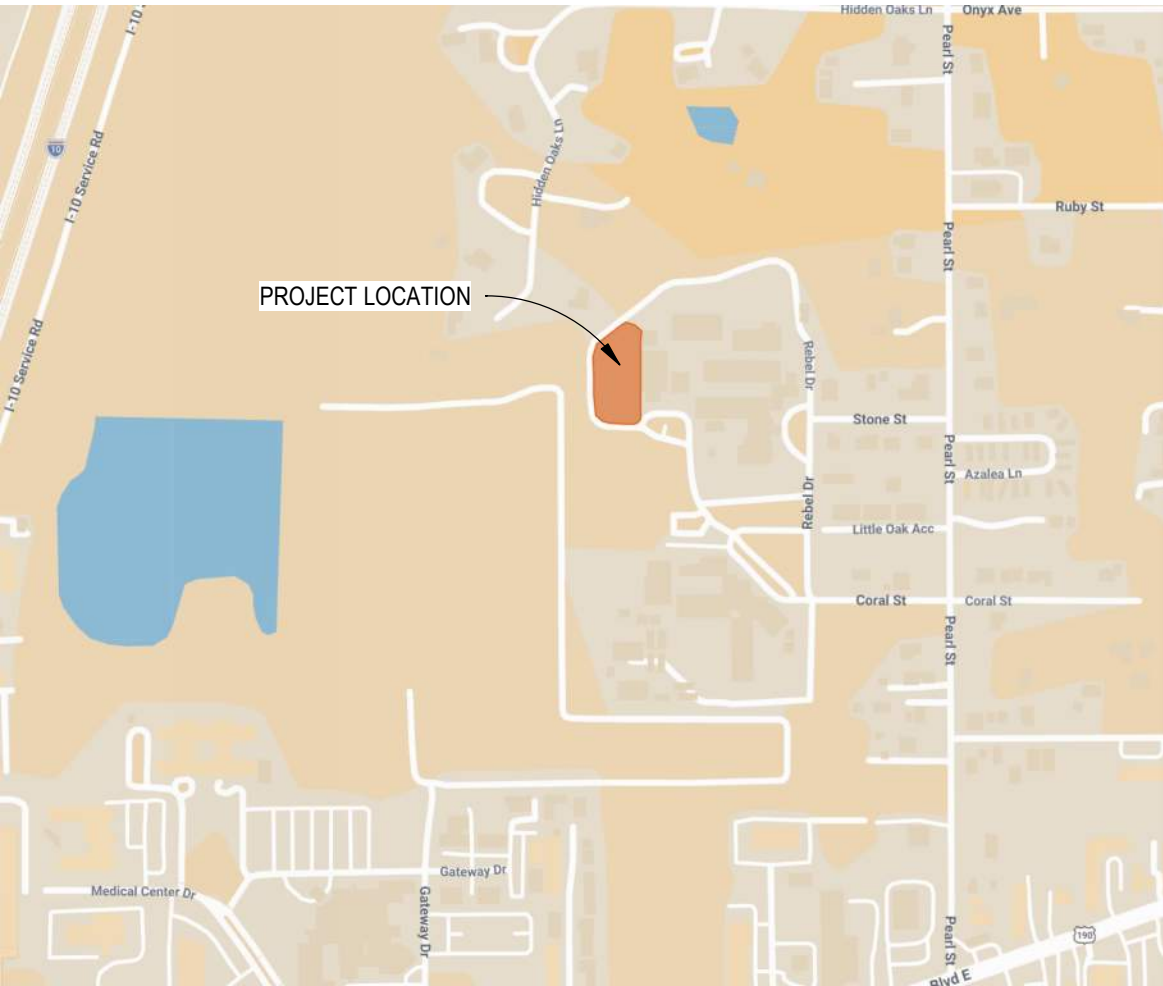
ARCHITECTURAL

A001-P0	phase 0 - temporary modulares scope
A005-P0	modular life safety plan
A010-P0	walkway dimension plan & details
A012-P0	walkway details cont'd
A014-P0	modular and walkway roof plan & misc details

ELECTRICAL

E000-P0	electrical legends
E001-P0	electrical general notes and schedules
E010-P0	phase 0 - temporary modular electrical scope
E020-P0	modular - electrical riser diagram and panelboard schedule
E022-P0	modular - special systems riser diagram
E030-P0	electrical details

VICINITY MAP



SYMBOL LEGEND

	DRAWING NUMBER		DRAWING TITLE
	SHEET NUMBER		DRAWING SCALE
	DRAWING NUMBER		EXTERIOR ELEVATION REFERENCE MARK
	DRAWING NUMBER		ELEVATION REFERENCE MARK
	DRAWING NUMBER		DETAIL REFERENCE MARK
	DRAWING NUMBER		SECTION REFERENCE MARK
	DRAWING NUMBER		DETAIL SECTION REFERENCE MARK
	ROOM NAME		ROOM NUMBER
	SQ FT		APPROXIMATE ROOM AREA
			ROOM INFORMATION
	DOOR NUMBER		DOOR INFORMATION
	WINDOW MARK		WINDOW INFORMATION
	PARTITION MARK		PARTITION TYPE REFERENCE MARK

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Boyet Jr. High School, Infrastructure and Coordination for Modulares
59295 Rebel Dr, Slidell, LA 70461
STPSB Project No. 2511

Construction Documents
Permit Set

issue date

09.08.2026

revisions



msh job no.

2535.1

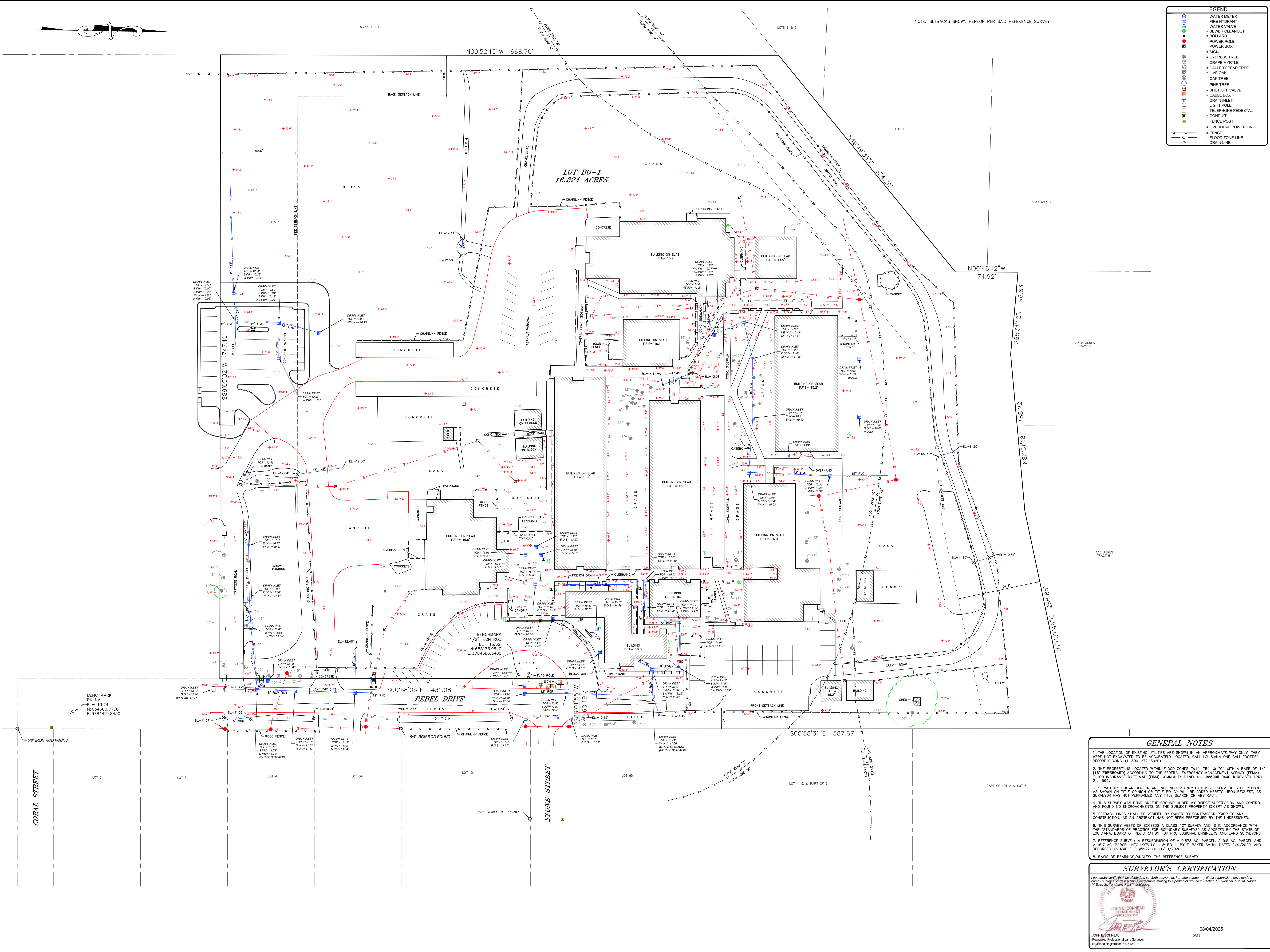
sheet title

cover sheet

sheet no.

A000-P0

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A BOUNDARY & TOPOGRAPHIC MAP OF
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for
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SPECIALTY ENGINEERING

DATE: 08/04/2025
PROJECT NO.: 25-140282
DRAWN BY: SAC
CHECKED BY: JEB
SCALE: 1" = 40'

LOWE ENGINEERS
PROFESSIONAL LAND SURVEYORS -
101 MAISON BLANCHE DRIVE, SUITE 34
MANVILLE, LA 70471
PHONE: 504-835-1122
FAX: 504-835-1778
www.loweengineers.com
e-mail: mason@loweengineers.com

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8. BASIS OF BEARINGS/ANGLES: THE REFERENCE SURVEY.

SURVEYOR'S CERTIFICATION

I do hereby certify that, to the best of my knowledge and belief, I am a duly licensed Professional Land Surveyor in the State of Louisiana, and that I am the author of this survey, and that the same is a true and correct representation of the facts as shown to me by the owner or by other reliable sources, and that I am not aware of any fraud or other illegal conduct in connection with this survey.

JOHN E. BONNEAU
Registered Professional Land Surveyor
Louisiana Registration No. 4423

08/04/2025
DATE

SHEET
1 OF 1

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GENERAL NOTES

- ALL WORK MUST CONFORM TO THE REQUIREMENTS OF THE CITY OF SLIDELL AND THE LA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CAREFULLY VERIFY SAME AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. CONTRACTOR SHALL CONTACT LA ONE CALL TO HAVE ALL EXISTING UTILITIES LOCATED.
- CONTRACTOR SHALL VERIFY TOP-CASTING AND INVERT ELEVATIONS PRIOR TO ORDERING MANHOLES/CATCH BASINS.
- DAMAGES TO EXISTING STREETS, DRAINAGE, OTHER UTILITY STRUCTURES, AND RESIDENT PROPERTIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR TO ORIGINAL AND/OR BETTER CONDITIONS TO THE SATISFACTION OF THE OWNERS.
- CONTRACTOR SHALL NOT DAMAGE TREES TO REMAIN. IF DAMAGED, CONTRACTOR SHALL REPLACE AT HIS OWN COST. THE CONTRACTOR SHALL PROVIDE A LOUISIANA LICENSED ARBORIST TO PERFORM NECESSARY TREE TRIMMING, ROOT PRUNING, OR RECOMMENDATION OF REMOVAL OF ANY TREE GREATER THAN 12" CALIPER PRIOR TO BEGINNING EXCAVATION. CONTRACTOR SHALL USE A CHAIN SAW TO CUT ROOTS OF TREES EXPOSED DURING EXCAVATION AND COORDINATE WITH OWNER. CONTRACTOR SHALL NOT BREAK ROOTS BY PULLING THEM WITH DIGGING MACHINES. ROOTS AND BRANCH PROTECTANT SHALL BE SPRAYED OR PAINTED ON BRANCHES OR ROOTS WHICH HAVE BEEN CUT.
- PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL CONDITIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STATE AND PARISH RIGHTS-OF-WAY AND ALL SERVITUDE SHALL BE CLEARED OF TREES AND OBSTRUCTIONS THAT INTERFERE WITH CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN SERVICES, SUPPLYING MATERIALS, AND LABOR NECESSARY TO PROVIDE SHEETING, SHORING, AND BRACING OR SUPPORTS AS REQUIRED TO PROVIDE SAFE WORKING CONDITIONS FOR CONTRACTOR'S PERSONNEL AND TO PROVIDE FOR PROTECTION OF UTILITIES, BUILDINGS, LEVES, AND STRUCTURES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THESE REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE SYSTEM TO WITHSTAND LATERAL PRESSURE. SHEET DESIGN AND INSTALLATION SHALL BE INCLUDED IN THE COST OF THE PIPE OR STRUCTURAL INSTALLATION.
- CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE RE-GRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- ALL DRIVEWAYS DISRUPTED BY EXCAVATION SHALL BE RESTORED USING LIKE MATERIAL TO ORIGINAL OR BETTER CONDITION.
- CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 24 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS. DRIVEWAYS AND STREETS SHALL NOT REMAIN CLOSED OVERNIGHT.
- CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS PRIOR TO DISRUPTION OF WATER, SEWER OF OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF SERVICE OVERNIGHT.
- CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS.

A. CONTRACTOR SHALL PROVIDE ACCESS TO COMMERCIAL/INDUSTRIAL PROPERTIES AT ALL TIMES.

B. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES. VEHICULAR ACCESS SHALL BE PROVIDED AS DIRECTED BY ENGINEER. UPON APPROVAL BY ENGINEER, VEHICULAR ACCESS MAY BE LIMITED DURING PAVING OF DRIVEWAYS. CONTRACTOR SHALL CONTACT AND ADVISE ALL AFFECTED PROPERTY OWNERS.
- CONTRACTOR SHALL COORDINATE AND PAY FOR THE DE-ENERGIZING AND RE-ENERGIZING OF POWER LINES FOR CONSTRUCTION PURPOSES AS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.
- CONTRACTOR SHALL BRACE UTILITY POLES ADJACENT TO EXCAVATION. BRACING SHALL REMAIN IN PLACE AFTER BACKFILLING UNTIL COMPACTION STANDARDS HAVE BEEN MET. COMPLETE WORK PROMPTLY ONCE EXCAVATION HAS BEGUN ADJACENT TO POLES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DIRECTLY WITH THE APPROPRIATE UTILITY COMPANIES TO HAVE THE UTILITIES RELOCATED.
- BACKFILL ALL UTILITY CROSSINGS, EXCAVATION UNDER THE ROADWAY AND SHOULDER WITH GRANULAR MATERIAL.
- PRIOR TO PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL VERIFY EXISTING INVERTS AND TIE-INS. IF DISCREPANCIES ARE FOUND, NOTIFY CIVIL ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED ADJUSTMENTS.
- ALL ELEVATIONS REFER TO OWNER-PROVIDED SURVEY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND ABIDING BY REQUIRED LA DEQ STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES.

PAVEMENT NOTES

- IN AREAS TO RECEIVE PAVEMENTS, THE SUBGRADE SHALL BE EXCAVATED AND HAULED OFF TO A DEPTH NECESSARY TO REMOVE NON-STRUCTURAL FILL, ROOTS, ORGANICS AND OTHER DELETERIOUS MATERIALS. ALL EXCAVATION AND BACKFILL FOR PAVEMENT WORK SHALL EXTEND AT LEAST ONE (1) FOOT BEYOND FOOTPRINT OF PAVEMENT. THE AREA SHALL THEN BE PROOF ROLLED TO IDENTIFY ANY WEAK SPOTS PRIOR TO PLACING BASE COURSE. PROOF ROLLING SHALL OCCUR WITHIN 48 HOURS OF THE PLACEMENT OF FILL OVER EXISTING SUBGRADE.
- ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL THAT WILL COMPACT SATISFACTORILY. TOP 12 INCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR. WHERE THE SUBGRADE IS OF NON-UNIFORM COMPACTED NATURE, IT SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 6 INCHES FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.
- BASE COURSE FOR CONCRETE PAVEMENT SHALL CONSIST OF 12 INCHES (MIN.) OF SELECT SAND FILL BEING NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING THE NO. 200 SIEVE (AASHTO A-3 OR BETTER). BASE COURSE FOR CONCRETE SIDEWALKS SHALL BE 6 INCHES THICK (MIN.) OF SAME SELECT SAND FILL.
- BASE COURSE SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 6 INCHES IN THICKNESS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698.
- PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE LSSRB FOR TYPE B CONCRETE AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI FOR 28 DAYS. CONCRETE FOR SIDEWALKS SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR 28 DAYS.
- CONCRETE PAVEMENT FOR PARKING AND DRIVES SHALL HAVE A MEDIUM-TO-FINE-TEXTURED BROOM TYPE FINISH. CONCRETE SIDEWALKS SHALL HAVE A LIGHT BROOM-TEXTURED FINISH.
- JOINT LAYOUT SHOWN ON DRAWINGS IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONCRETE PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION AS SHOWN ON THE PLANS.
- PAVEMENT SHALL NOT BE OPENED TO TRAFFIC AFTER PLACEMENT UNTIL DESIGN STRENGTH IS MET WITHOUT THE APPROVAL OF THE ENGINEER.
- ALL DRAINAGE AND SEWER STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE BOXED OUT WITH EXPANSION JOINTS.
- NO CONCRETE SHALL BE POURED WITHOUT THE SERVICES OF THE TESTING LAB TECHNICIAN TO WITNESS THE POUR, MAKE SLUMP TESTS AND MAKE TEST CYLINDERS.
- IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENTED CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES LATEST EDITION.
- JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 1005.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION). THE SEALANT AND BACKER MATERIALS SHALL BE APPROVED PRODUCTS LISTED IN DOTD'S QUALIFIED PRODUCT LIST 67.
- JOINTS ENDING AT CURVES SHALL BE CARRIED ONTO THE CURB AND PAVEMENT AT RIGHT ANGLES TO THE TANGENT AT THAT POINT.
- AN APPROVED TESTING LABORATORY, SELECTED BY THE OWNER, SHALL BE RETAINED BY THE CONTRACTOR AND SHALL PROVIDE ALL REQUIRED TESTING. TEST REPORTS MUST BE FURNISHED TO THE ENGINEER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MEANS FOR TEMPORARY DRAINAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL INSTALL CONCRETE SIDEWALK AT GRADES SHOWN AND SHALL COMPLY WITH ALL APPLICABLE ADA STANDARDS.
- CONTRACTOR SHALL ADJUST GRADE BREAK LOCATIONS OF SIDEWALKS TO COINCIDE WITH NECESSARY JOINT SPACING AS LONG AS ADA REQUIREMENTS ARE MET.
- CONTRACTOR SHALL BACKFILL AND GRADE BEHIND CONCRETE SIDEWALKS TO ALLOW FOR POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

SEWER AND WATER NOTES

- GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE GASKET JOINT CONFORMING TO ASTM D3034 SDR 35. RUBBER GASKETS SHALL BE ASTM D1869.
- WATERLINES 3 INCH DIA. AND SMALLER SHALL BE PVC CLASS 200 MEETING ASTM D2241 SPECIFICATION WITH BELL AND SPIGOT RUBBER GASKET JOINTS. FITTINGS SHALL BE PVC COMPATIBLE WITH PIPE.
- PVC WATERLINES >3" SHALL BE POLYVINYL CHLORIDE GASKET JOINT CLASS 160 (SDR 26) TYPE 1, GRADE 1, ASTM D2241, WITH "FLUID TIGHT" COUPLINGS CONFORMING TO ASTM D1784. RUBBER GASKETS SHALL BE ASTM D1869. PE WATERLINES SHALL BE IN ACCORDANCE WITH AWWA, C306, DR11.
- CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL FITTINGS, BENDS, TEES, AND DEAD ENDS ON ALL WATERLINES.
- CONTRACTOR SHALL USE TRANSITIONAL COUPLING FOR PE TO PVC CONNECTIONS.
- PARALLEL WATERLINES AND SEWERS (INCLUDING GRAVITY AND FORCE MAINS) SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN 10 FEET APART HORIZONTALLY. CROSSING WATER AND SEWER LINES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES. THE WATER LINE SHALL BE LAID HIGHER IN ELEVATION THAN THE SEWER LINE.
- CONTRACTOR SHALL INSTALL RESTRAINED JOINT PIPE (20' MIN.) ON EACH SIDE OF ALL FITTINGS FOR WATERLINE.
- BURIED VALVES, INCLUDING 2 INCH VALVES, SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISHED GRADE. BURIED VALVES SHALL HAVE AN AWWA OPERATING NUT AND A BOX COVER LABELED "WATER". EACH VALVE BOX SHALL HAVE A 24 INCH SQUARE OR 24 INCH ROUND BY 4 INCH THICK CONCRETE PAD, EITHER CAST IN PLACE OR PREFABRICATED AND ADJUSTED TO FINISHED GRADE.
- WATER LINES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-601 AND APPROVED BY THE LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS BEFORE BEING PLACED INTO SERVICE.
- BRASS FITTINGS SHALL BE MUELLER.
- BLUE IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED SERVICE WATERLINES PROVIDING POTABLE WATER. RED IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED FIRE PROTECTION WATERLINE. IN ADDITION, ALL FIRE PROTECTION WATERLINE ABOVE GROUND SHALL BE PAINTED RED TO DISTINGUISH IT FROM POTABLE WATERLINE.
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ALL TIE-INS OF SERVICE LINES, METERS, ETC.
- VERIFY EXACT LOCATIONS AND DETAILS OF FIRE DEPARTMENT CONNECTIONS WITH MECHANICAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE WATER/SEWER UTILITY TIE-INS W/THE CITY OF SLIDELL.

REQUIRED TESTING SERVICES

THE FOLLOWING TESTING SERVICES SHALL BE PERFORMED BY AN INDEPENDENT TESTING COMPANY AS APPROVED BY THE ST. TAMMANY PARISH SCHOOL BOARD TO ENSURE CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. ALL FEES ASSOCIATED WITH REQUIRED TESTING SHALL BE PAID FOR DIRECTLY BY THE CONTRACTOR. TESTING COMPANY SHALL BE SELECTED FROM THE LIST OF SCHOOL BOARD APPROVED TESTING COMPANIES. TESTING REPORTS SHALL BE PROVIDED TO THE CONTRACTOR, ENGINEER AND OWNER.

1. BASE COURSE/STRUCTURAL FILL:

A. PICK-UP OF SAMPLES OF PROPOSED BASE COURSE MATERIALS, INCLUDING BEDDING AND BACKFILL MATERIAL FOR DRAINAGE PIPE AND STRUCTURES.

B. IN-LAB GRADATION AND PROCTOR TESTING OF SAMPLES FOR CONFORMANCE WITH SPECIFICATIONS.

C. IN-FIELD NUCLEAR DENSITY TESTING OF FILL (MIN. 4 TESTS PER 200 SQ. YDS. PER LIFT OF SECTION TO BE POURED).

D. IN-FIELD NUCLEAR DENSITY TESTING OF DRAINAGE PIPE/STRUCTURE BEDDING AND BACKFILL (MIN. 1 TEST PER 250 LINEAR FEET PER LIFT OF EACH MATERIAL).
2. CONCRETE PAVEMENT:

A. REVIEW OF ALL CONCRETE MIX DESIGNS PROPOSED FOR USE ON PROJECT.

B. OBTAINING AND TESTING ONE (1) SET OF CYLINDERS (4 PER SET) FOR EACH 50 CU. YDS. OR PORTION THEREOF PER DAY. ONE (1) CYLINDER SHALL BE BROKEN AT SEVEN (7) DAYS AND THE OTHER TWO (2) SHALL BE BROKEN AT TWENTY-EIGHT (28) DAYS. ONE (1) CYLINDER SHALL BE KEPT IN RESERVE.
3. ANY OTHER TESTS SPECIFIED ON DRAWINGS OR SPECIFICATIONS AND AS DIRECTED BY ENGINEER TO ENSURE CONFORMANCE WITH PLANS AND SPECIFICATIONS.



Boyet Junior High, Infrastructure and Coordination for Modulars
59295 Rebel Dr., Slidell, LA 70461
STPSB Project No. 2511

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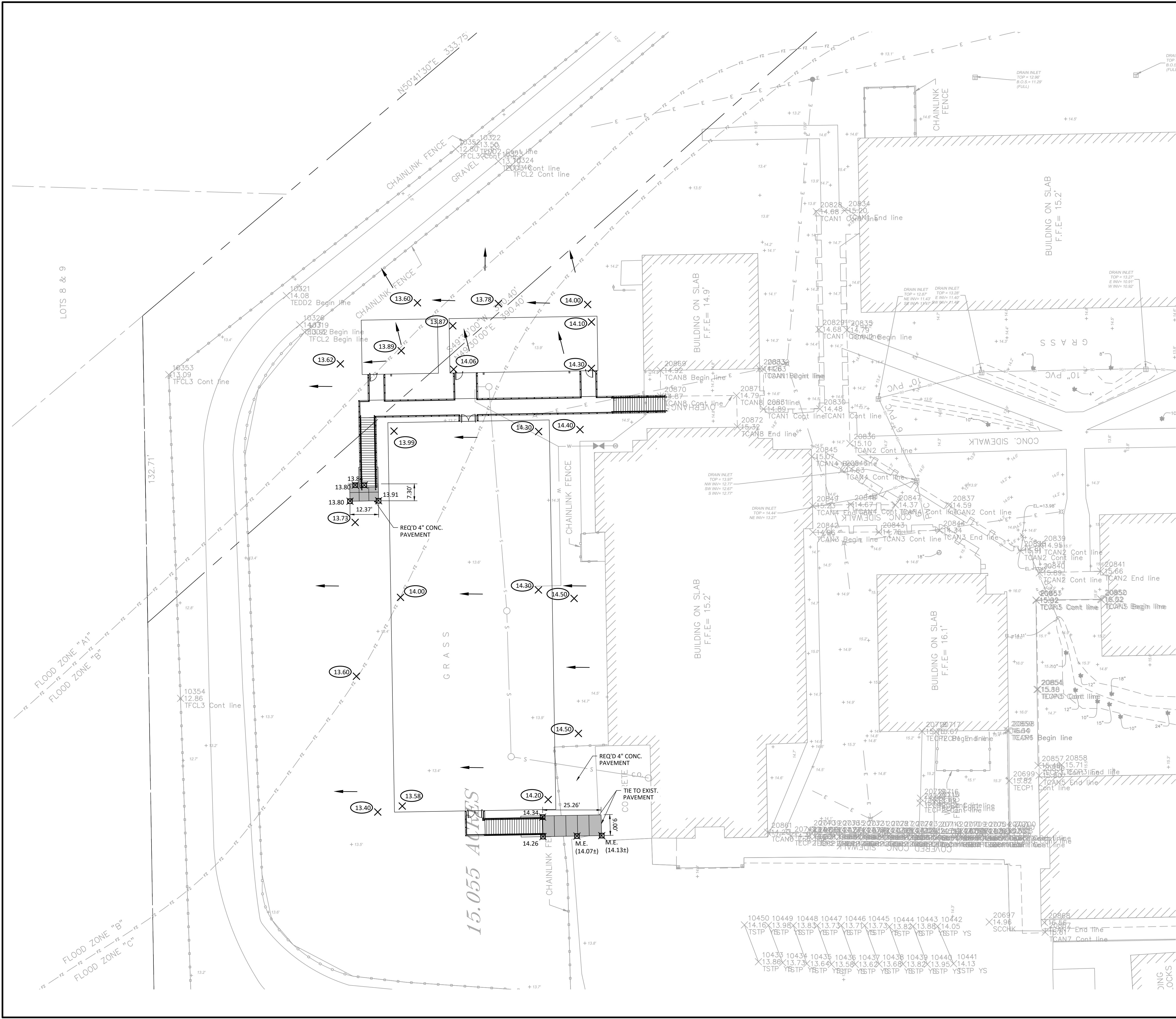
Civil Notes

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LEGEND:

- PROPERTY LINE
- CONSTRUCTION JOINT
- ===== REQ'D DRAIN LINE
- CROWN / RIDGE
- FLOW ARROW
- X 13.86 PROPOSED GRADE (TOP OF SIDEWALK/PAVEMENT)
- X 13.19 TOP OF SIDEWALK
- X 12.69 TOP OF PAVEMENT
- O 14.40 FINISHED GRADE
- + 14.3' EXISTING GRADES
- X M.E. MATCH EXISTING GRADE
- V.I.F. VERIFY IN FIELD

- NOTES:**
- UTILITIES SHOWN FOR GENERAL COORDINATION. SEE UTILITY PLAN FOR SPECIFIC INFORMATION (SHEET C200).
 - CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING SIDEWALKS AND ADJUST PROPOSED GRADES AS NECESSARY TO ABIDE BY ALL APPLICABLE ADA GUIDELINES. COORDINATE WITH CIVIL ENGINEER IN FIELD.
 - CONTRACTOR SHALL CONFIRM EXIST. DITCH AND SIDEWALK ELEVATIONS PRIOR TO CONSTRUCTION. COORDINATE WITH ENGINEER ON ANY REQUIRED ADJUSTMENTS.
 - CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL/STRUCTURAL DRAWINGS FOR EXACT LIMITS OF STAIR PLATFORMS AND SIDEWALKS.
 - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDDED.



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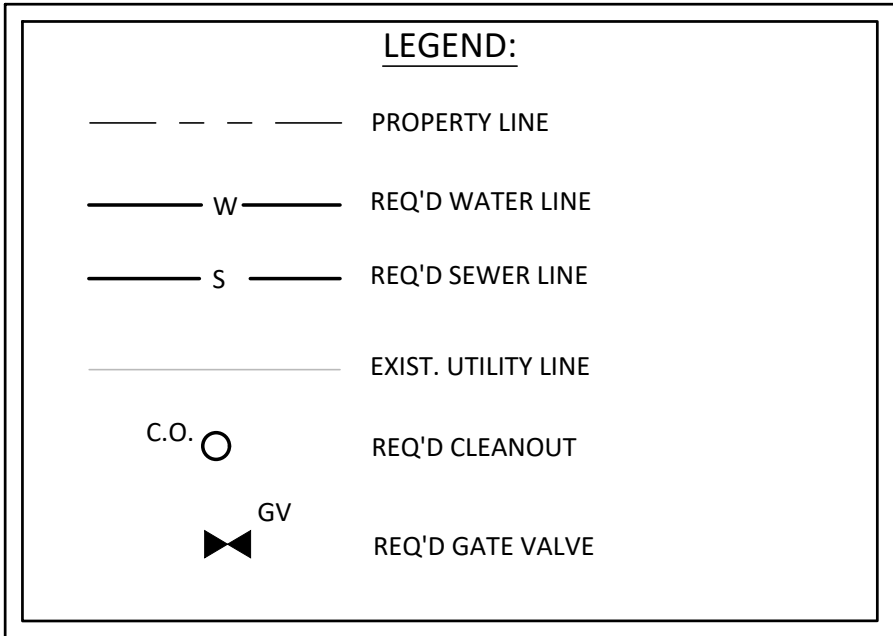
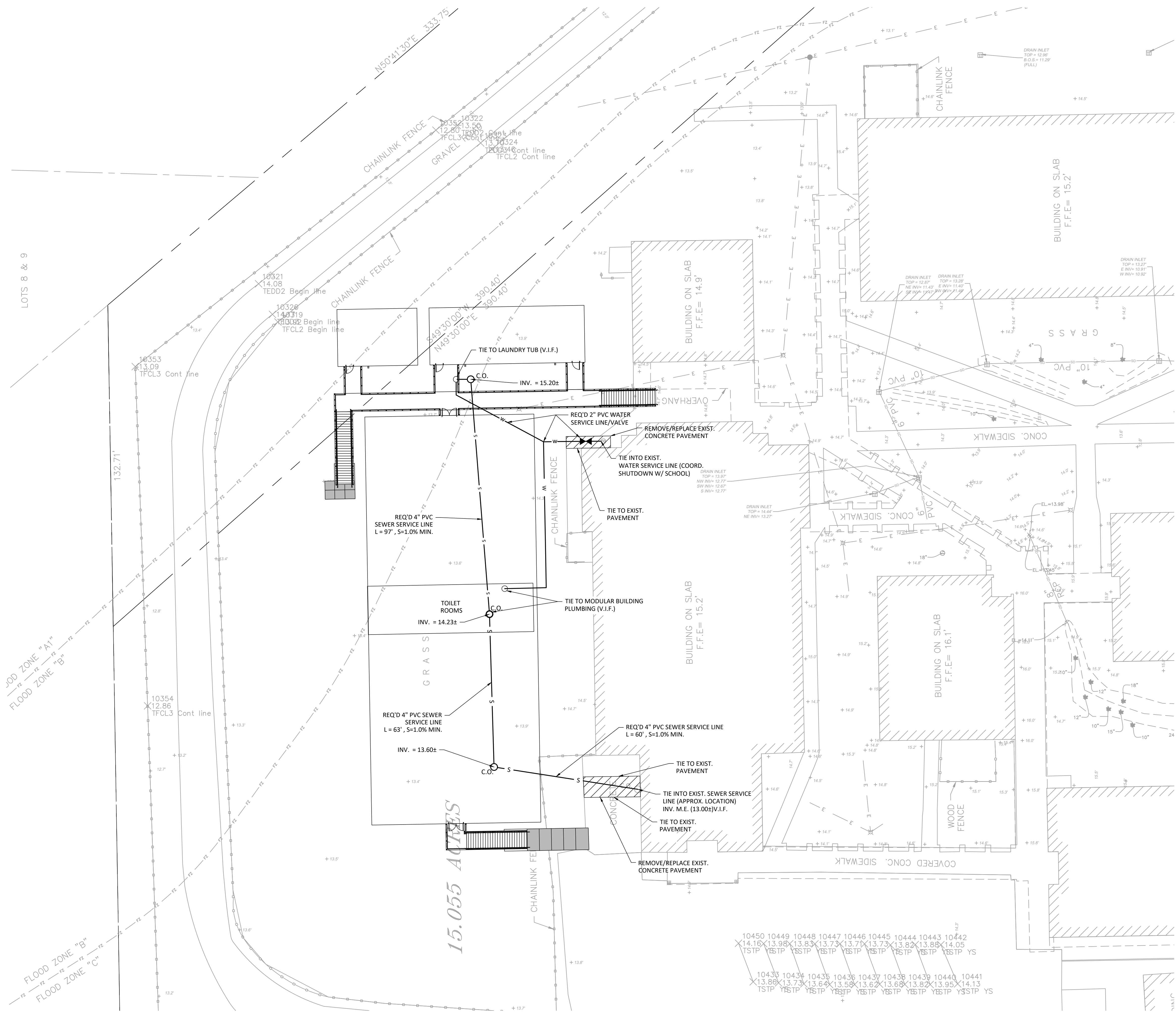
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Paving &
Grading Plan

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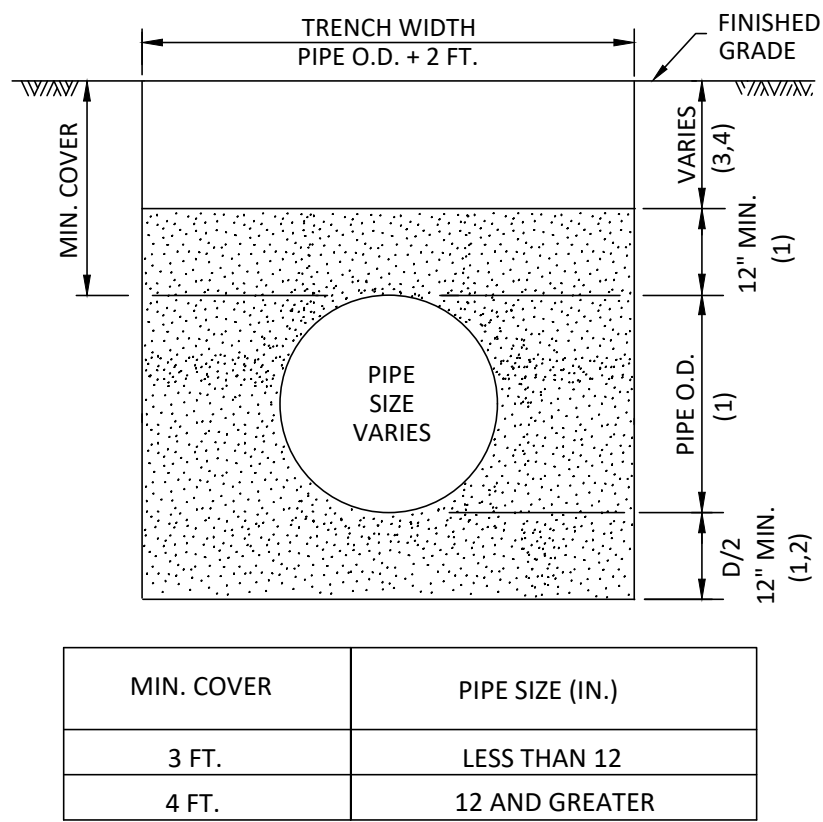


NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS.
2. CONTRACTOR TO ARRANGE FOR AND PAY ALL REQUIRED FEES FOR UTILITY SERVICE CONNECTIONS.
3. CONTRACTOR SHALL DEFLECT PROPOSED WATERLINE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS OR OFFSET WATERLINE WHERE IN CONFLICT WITH PROPOSED DRAIN LINE/SEWER.
4. CONTRACTOR SHALL COORDINATE WITH MECH. / ELEC. DRAWINGS AND ADJUST UTILITIES AS NECESSARY.



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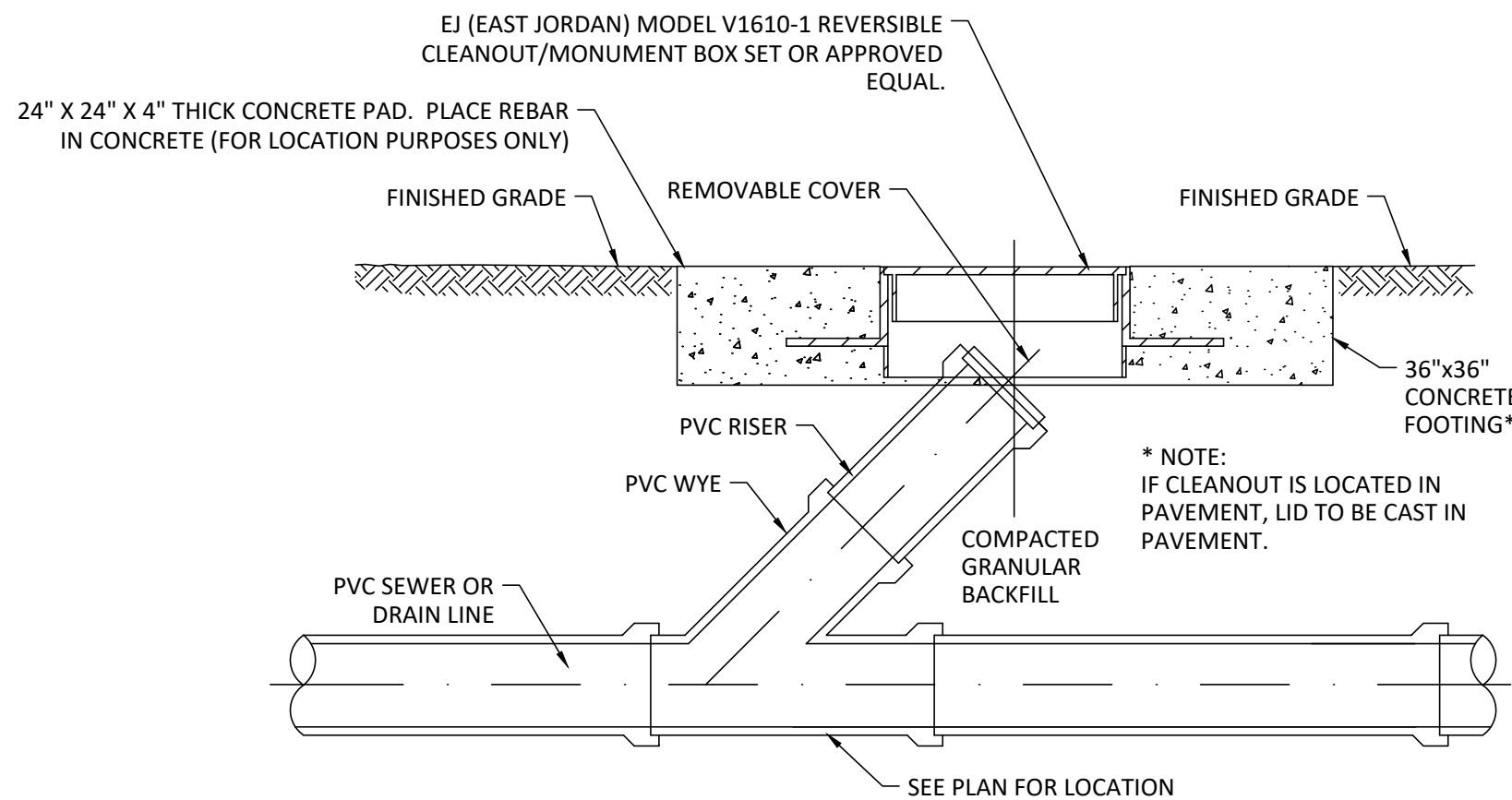
MIN. COVER	PIPE SIZE (IN.)
3 FT.	LESS THAN 12
4 FT.	12 AND GREATER

NOTES:

1. COMPACTED GRANULAR MATERIAL MIN. DENSITY 95% STANDARD PROCTOR (ASTM D698) 6" MAX. LAYERS.
2. PROVIDE BELL HOLES AT EACH JOINT.
3. SELECT EXCAVATED MATERIAL FREE OF STUMPS, DEBRIS AND VOIDS FOR NON-PAVED AREA.
4. COMPACTED GRANULAR MATERIAL WITHIN THE STREETS RIGHT-OF-WAY MIN. DENSITY 95% STANDARD PROCTOR (ASTM D698) 6" MAX. LAYERS.
5. WHERE GROUND WATER OR UNSTABLE TRENCH BOTTOM EXISTS, TRENCH BOTTOM SHALL BE STABILIZED (ASTM D2321) TO PROVIDE A WORKING PLATFORM.
6. TRENCH DETAIL SHOWN SHALL BE MINIMUM REQUIREMENTS TO SAFEGUARD THE INTEGRITY OF THE UTILITY LINE INSTALLATION AT REQUIRED DEPTHS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKERS.

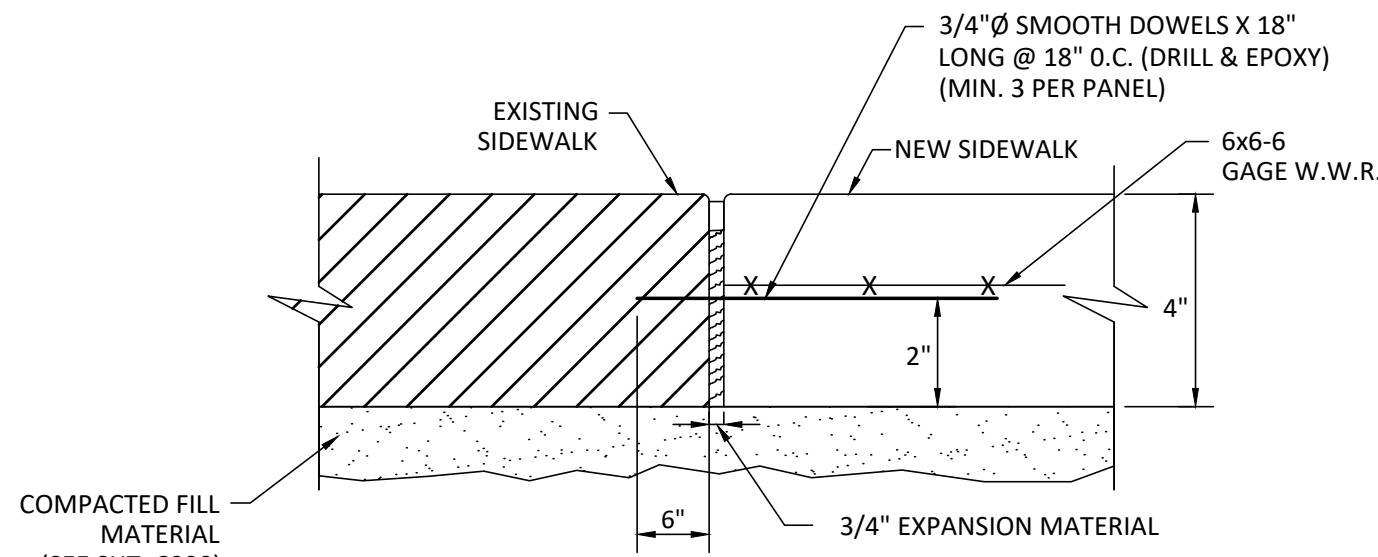
STANDARD UTILITY TRENCH DETAIL

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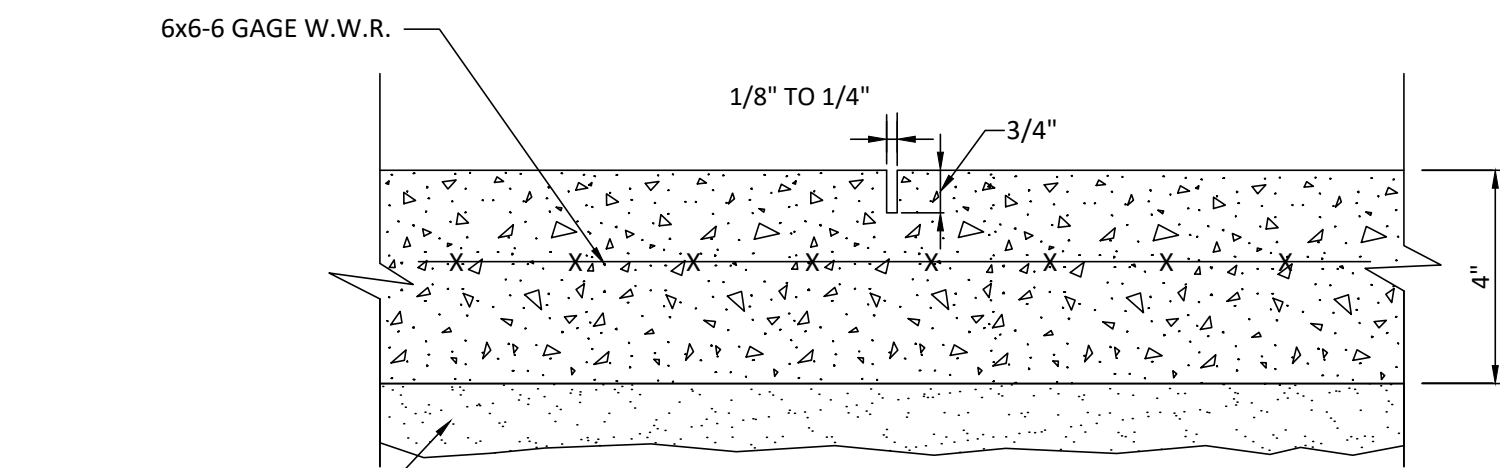
TYPICAL CLEANOUT DETAIL

N.T.S.



TYPICAL SIDEWALK TIE-IN DETAIL

N.T.S.



SIDEWALK SAWED CONTROL JOINT (5' O.C.)

N.T.S.



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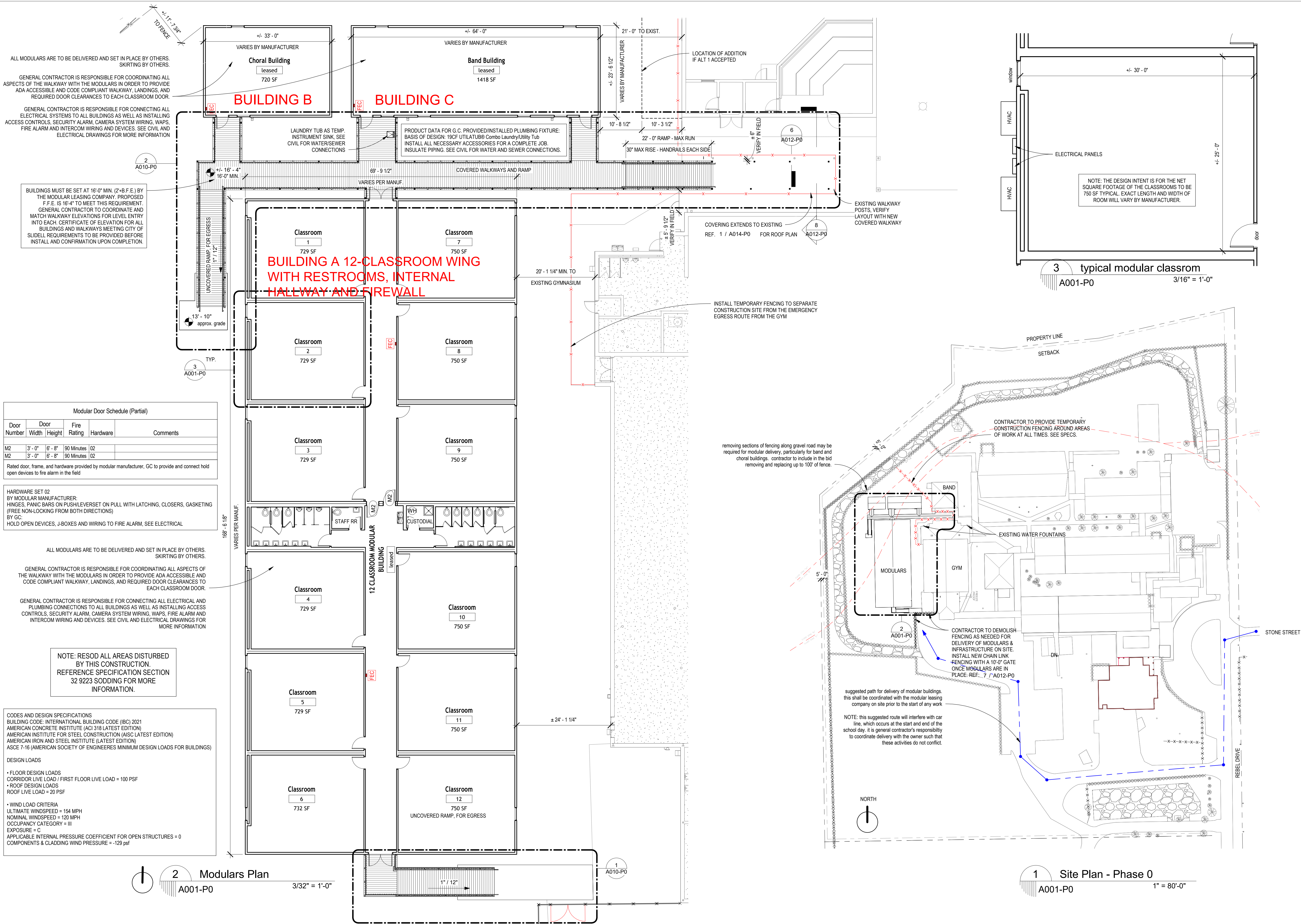
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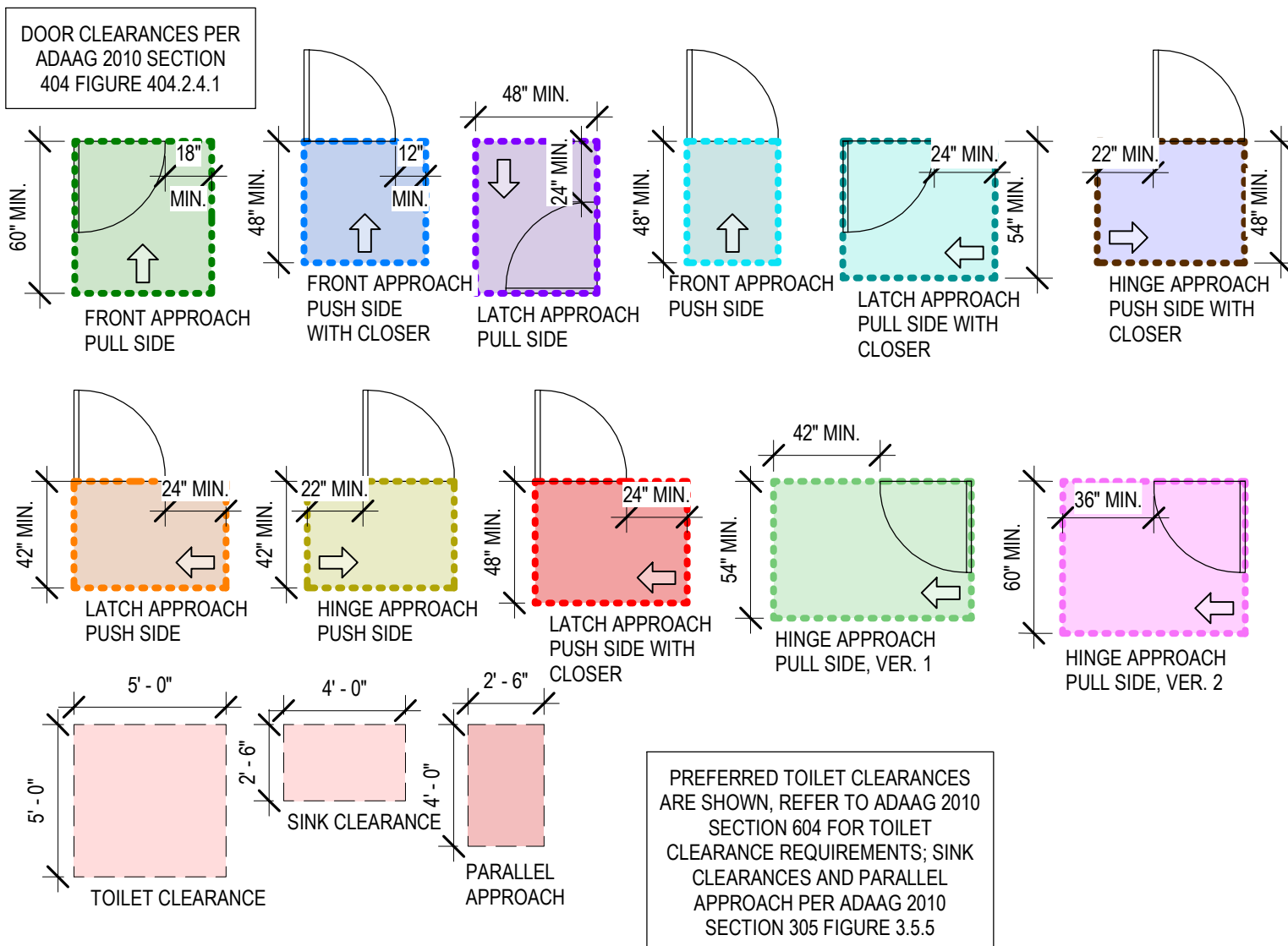
phase 0 - temporary
modulares scope

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6 walkway bracing cross-section
A010-P0 1 1/2" = 1'-0"

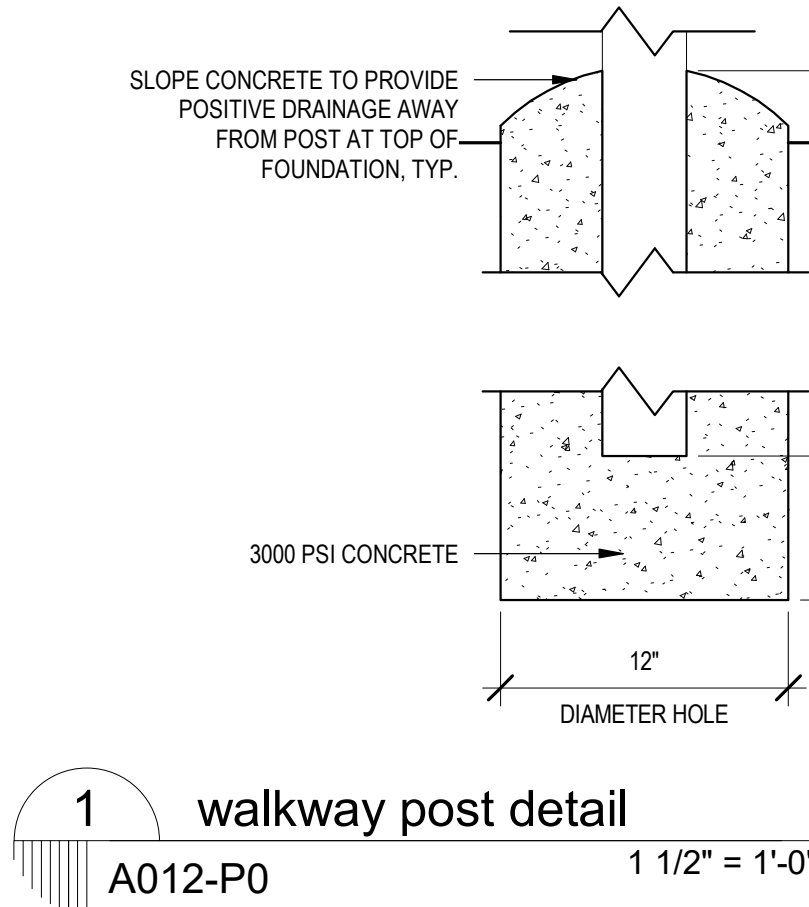
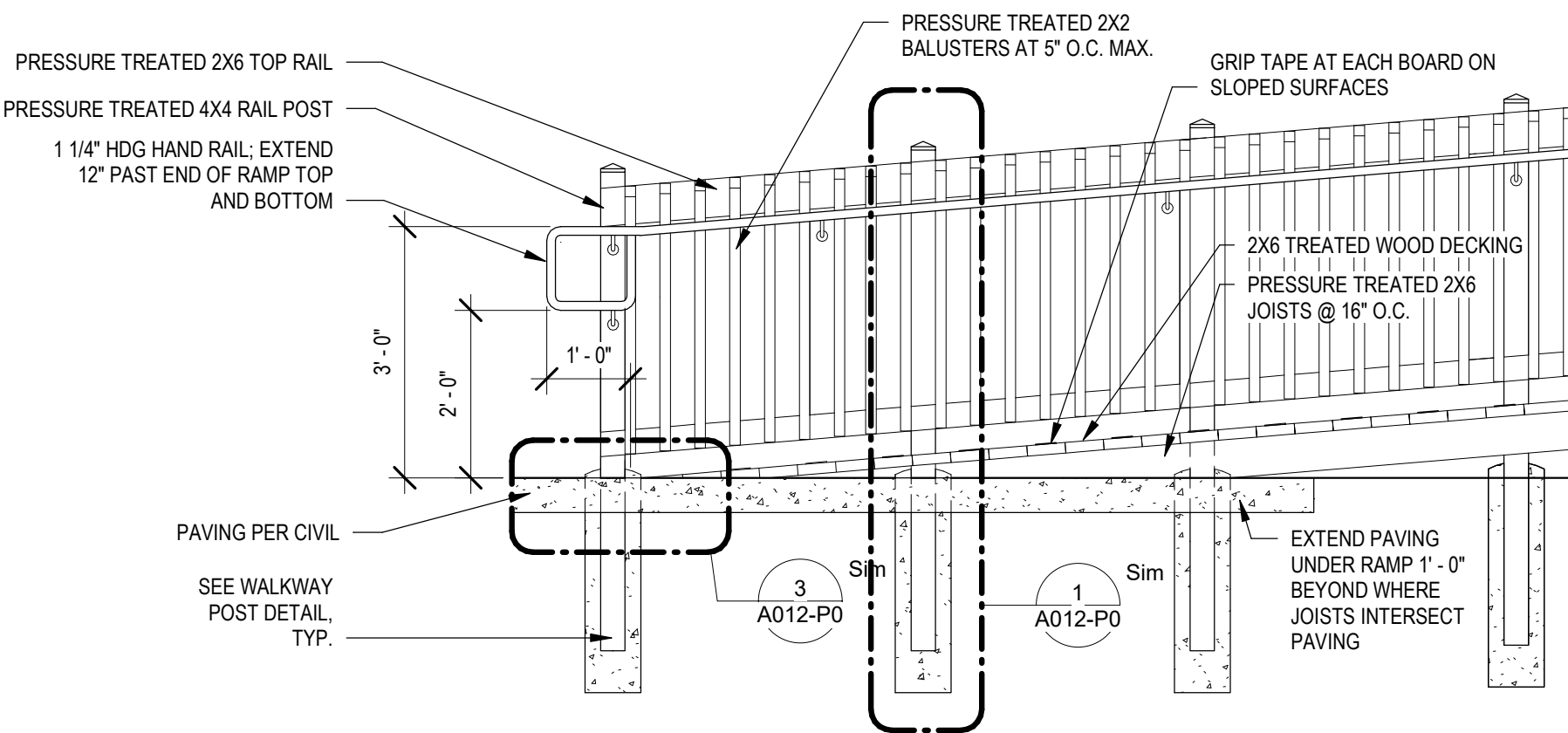
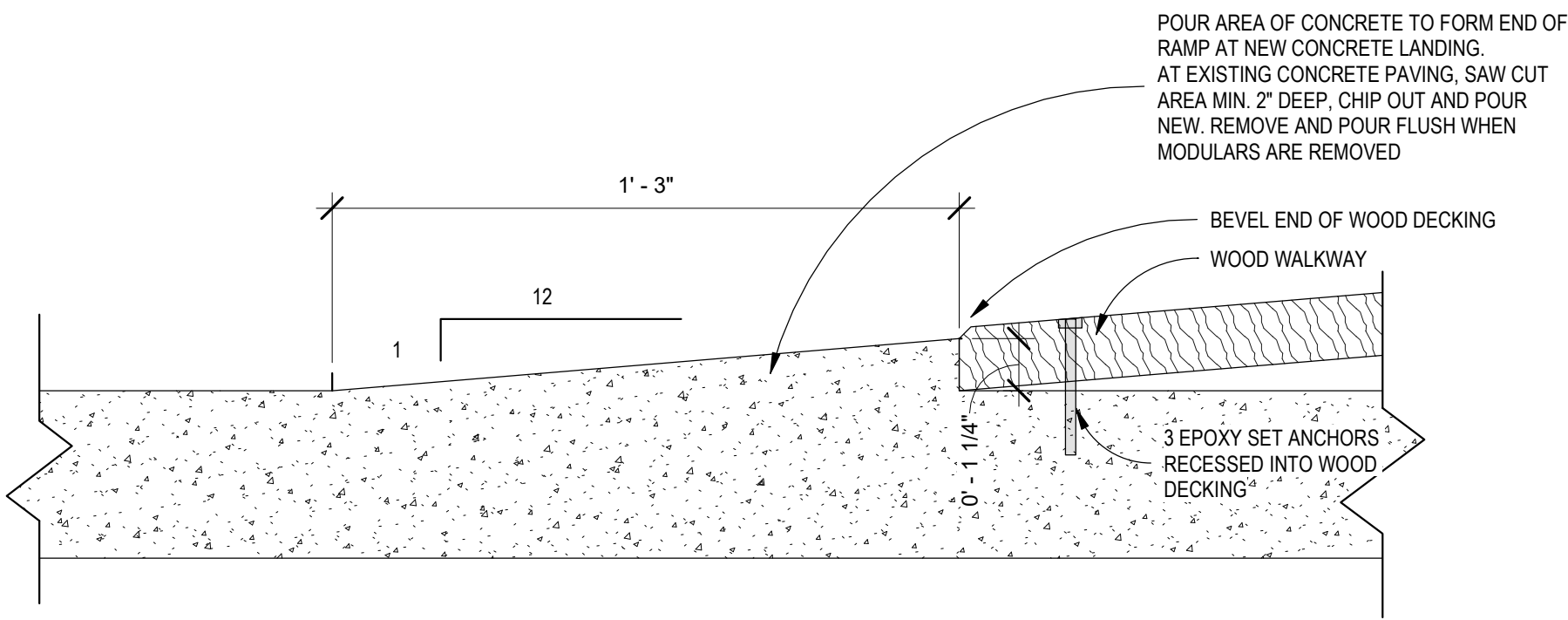
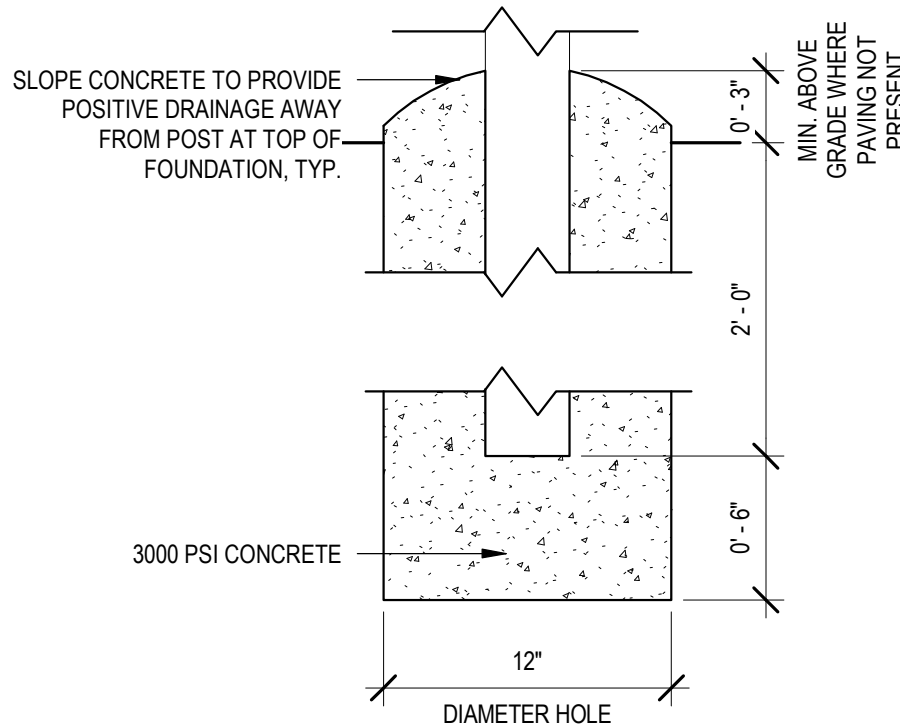
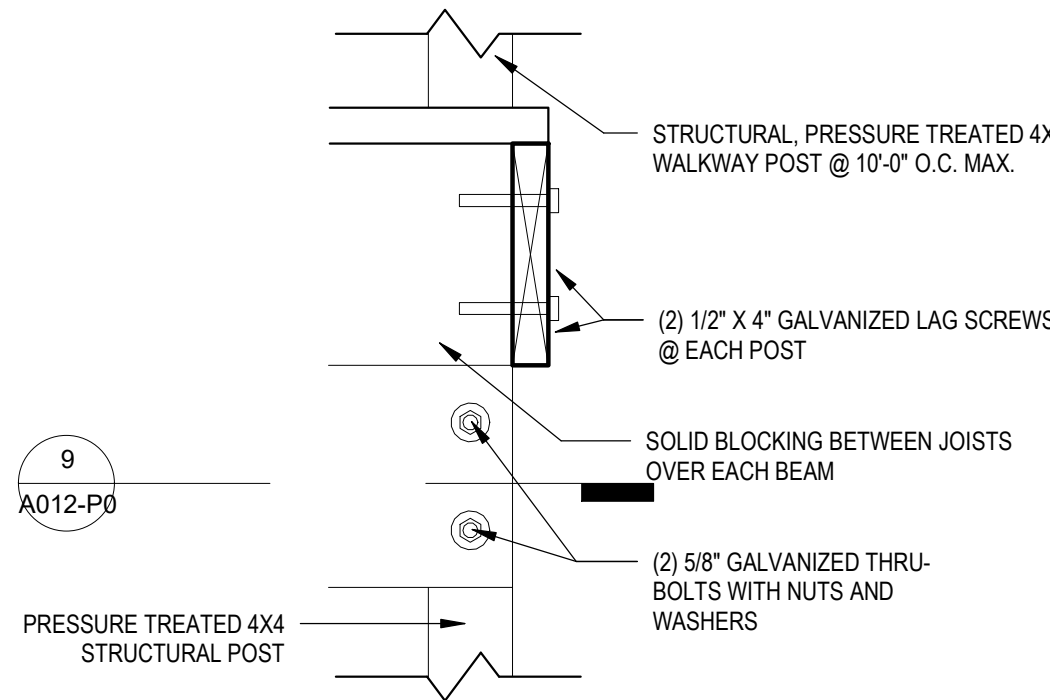
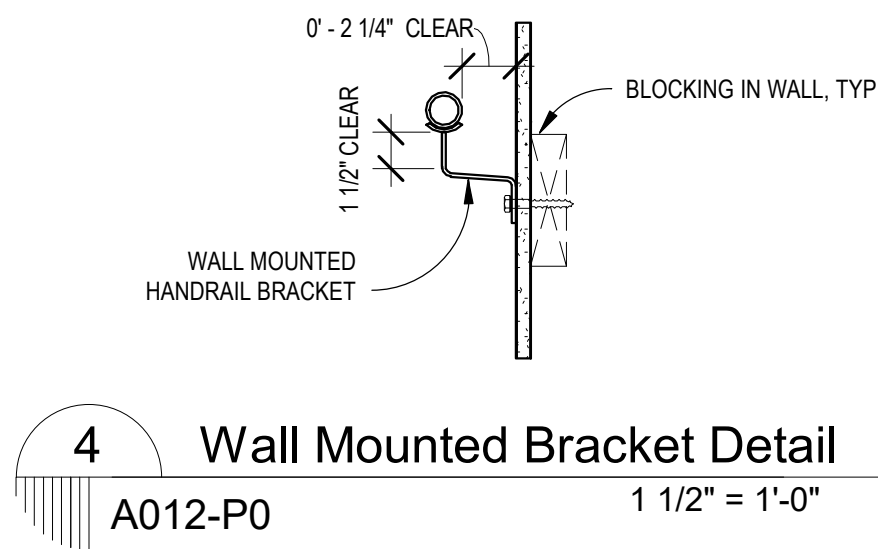
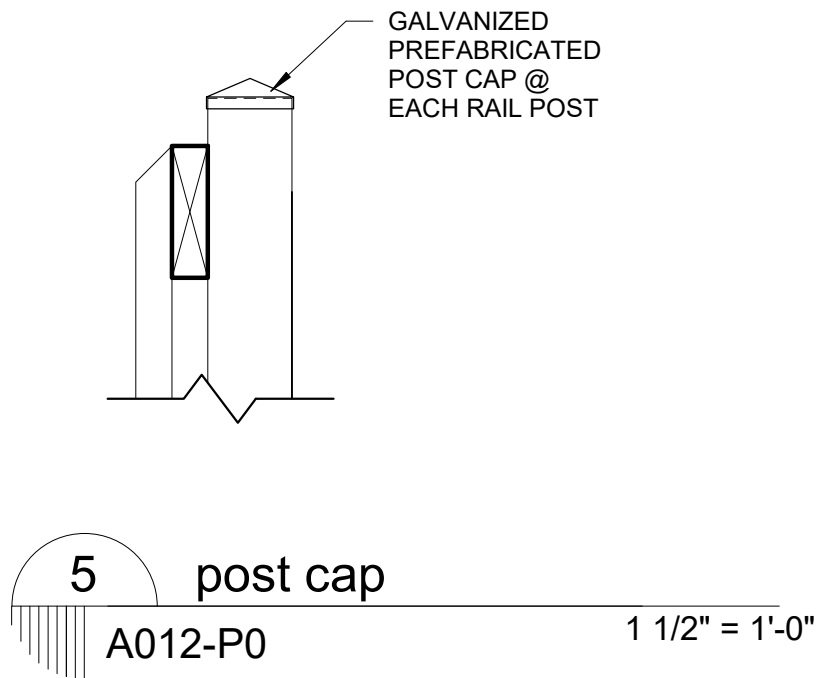
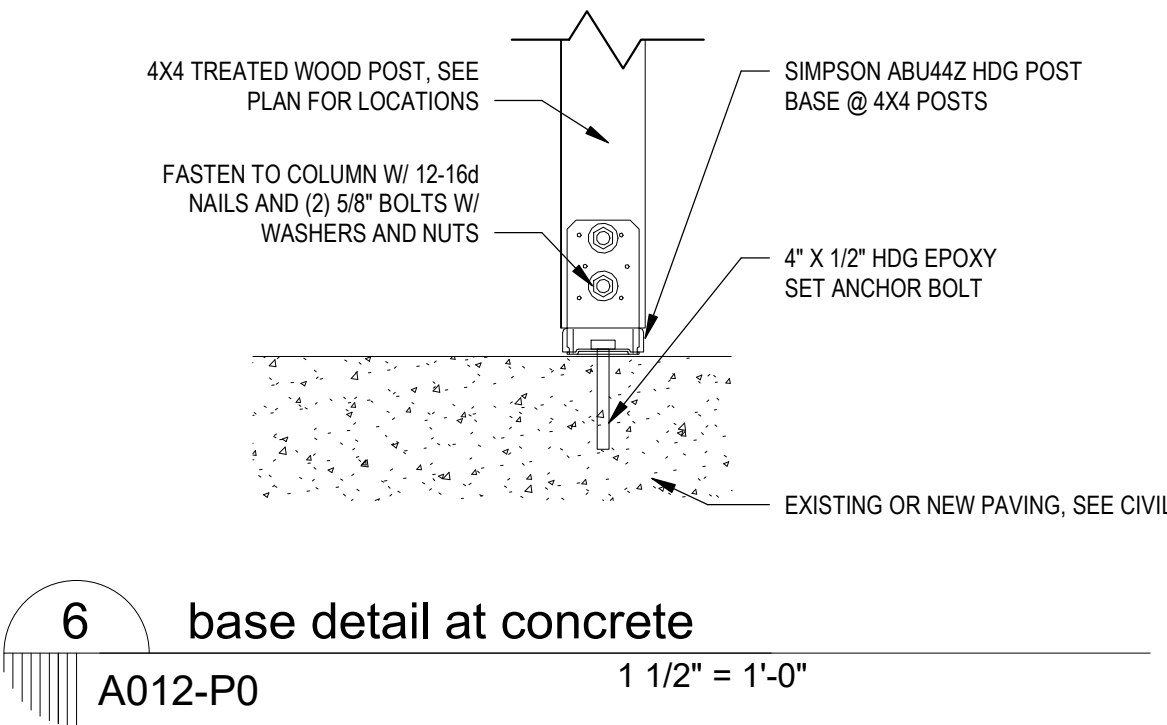
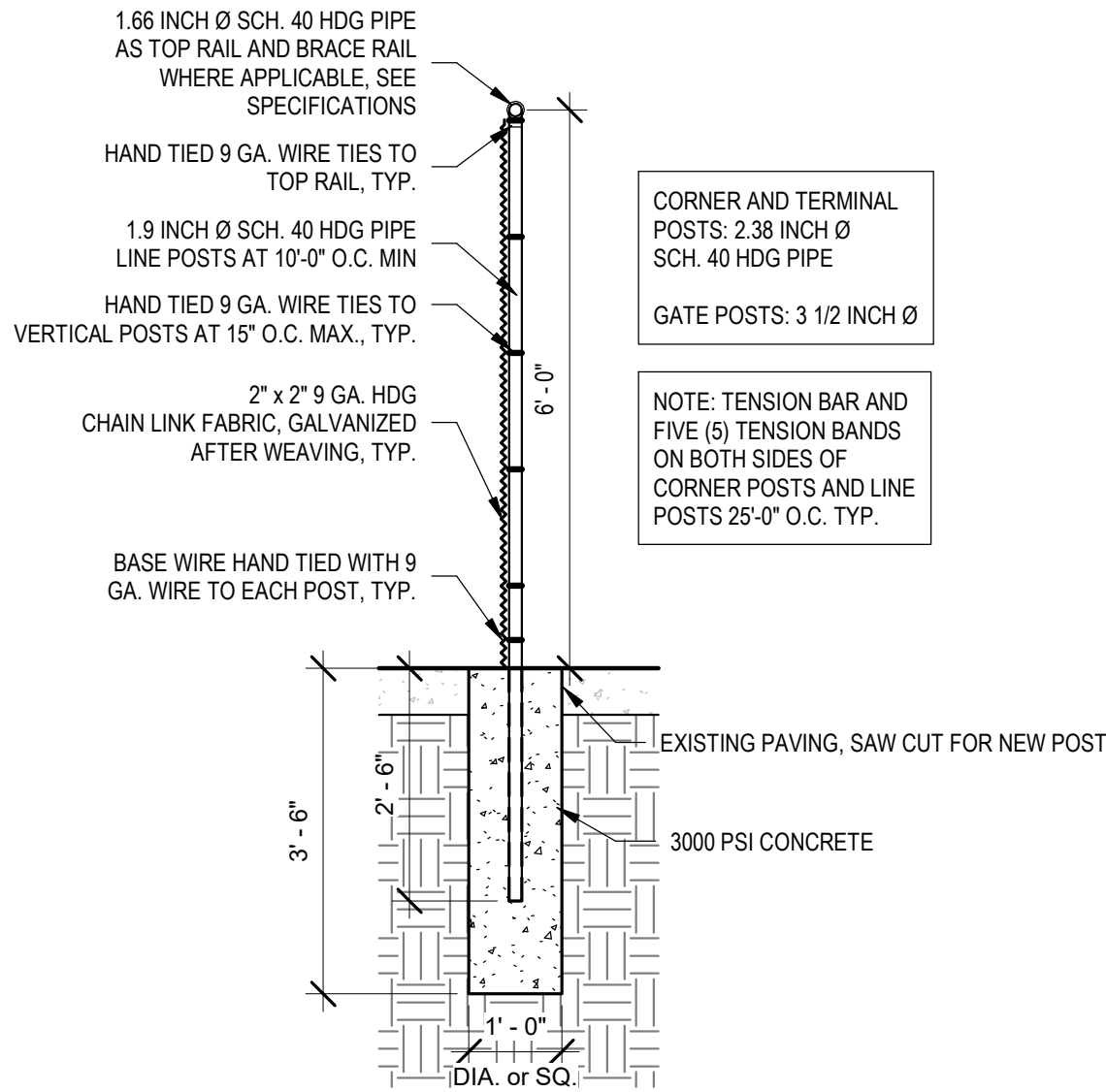
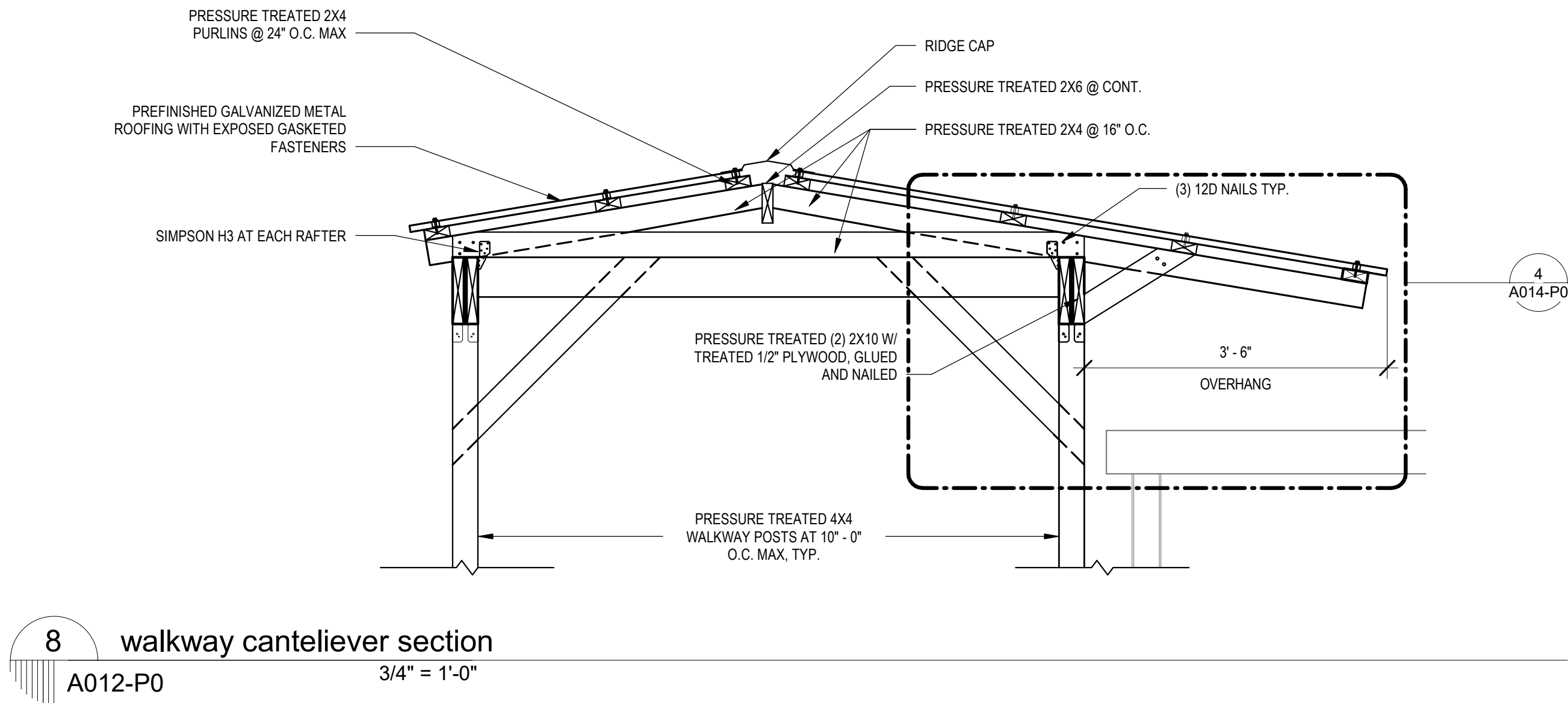
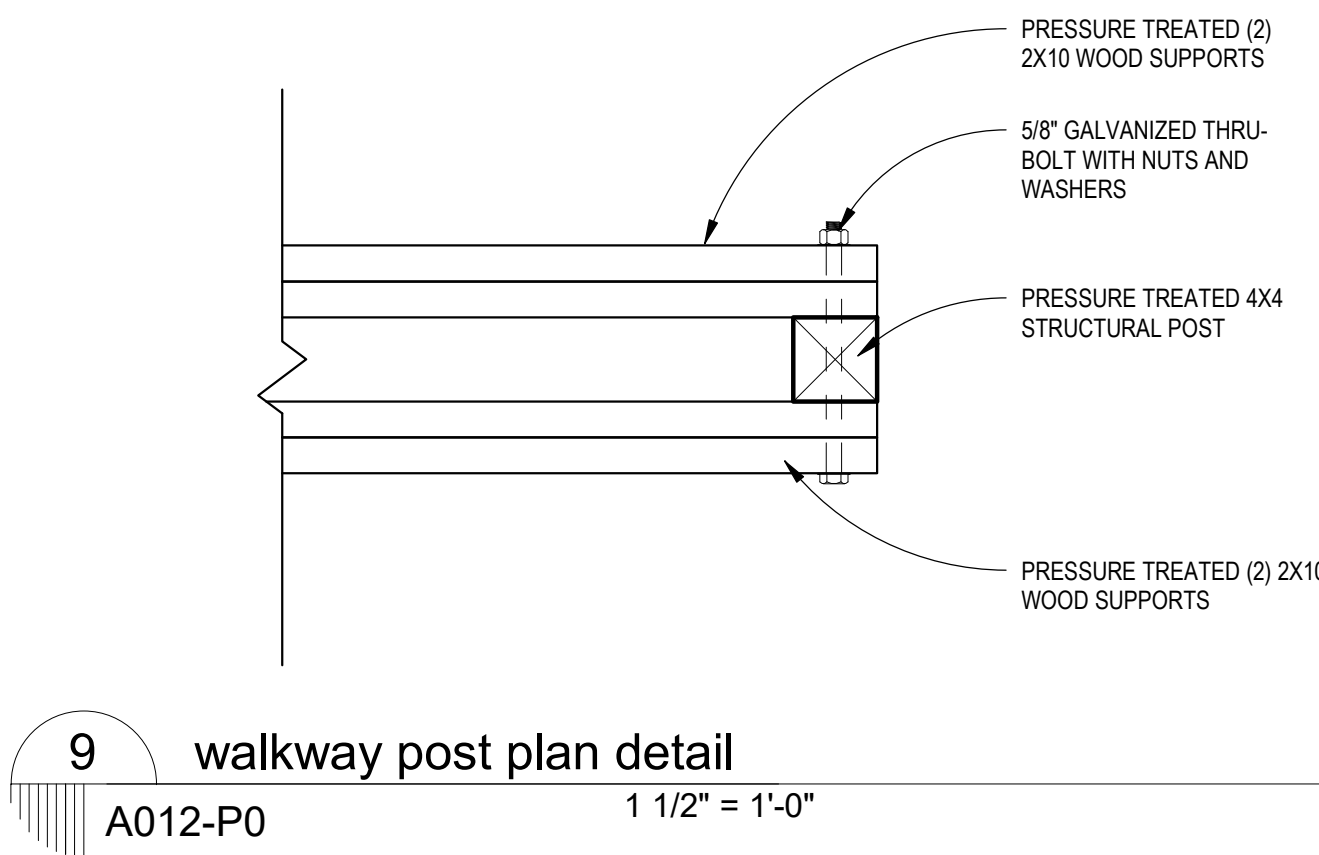
5 walkway bracing detail @ 4x4 posts
A010-P0 1 1/2" = 1'-0"

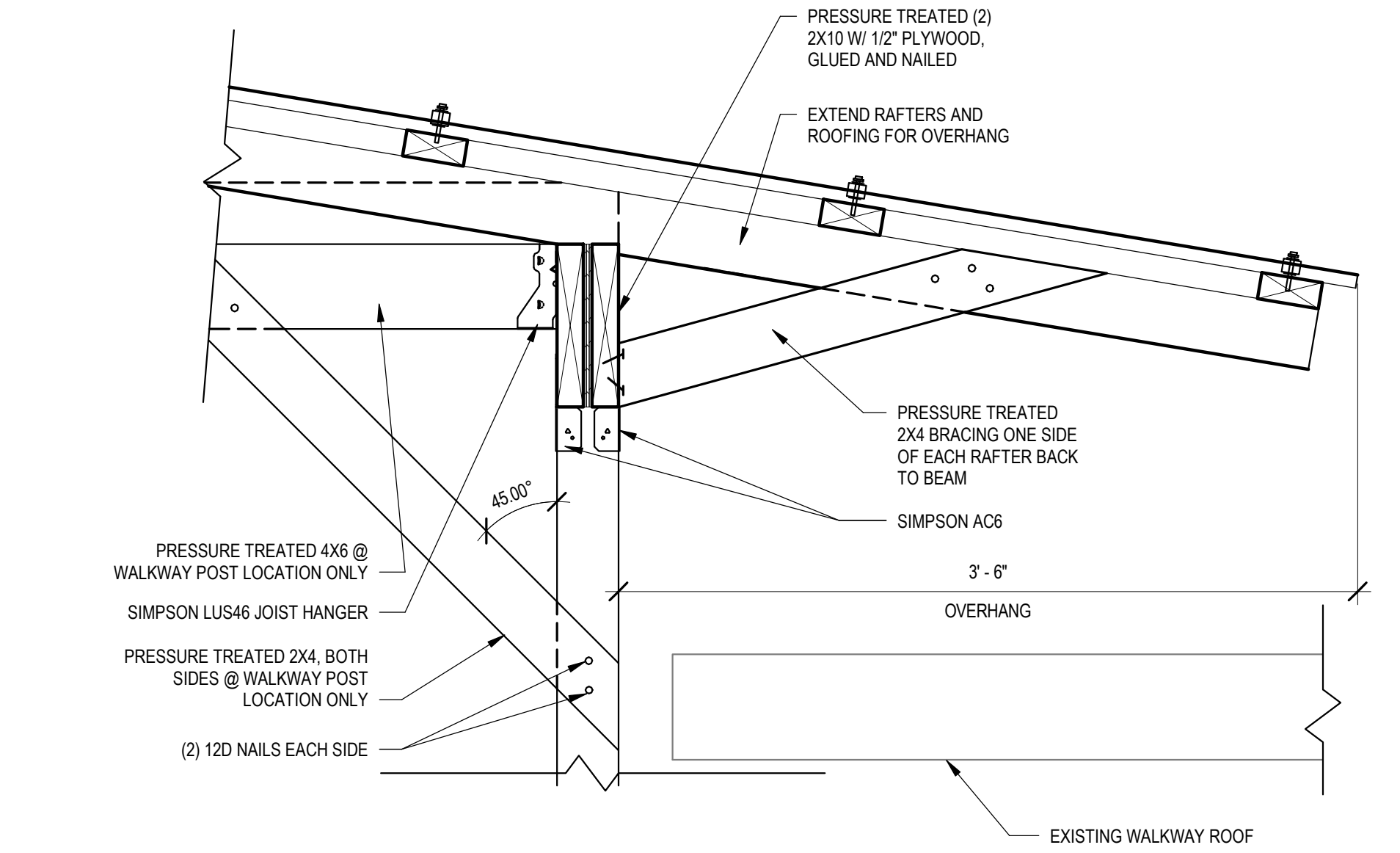
4 Walkway Section - Typical
A010-P0 1/2" = 1'-0"

2 walkway dimension plan
A010-P0 1/8" = 1'-0"

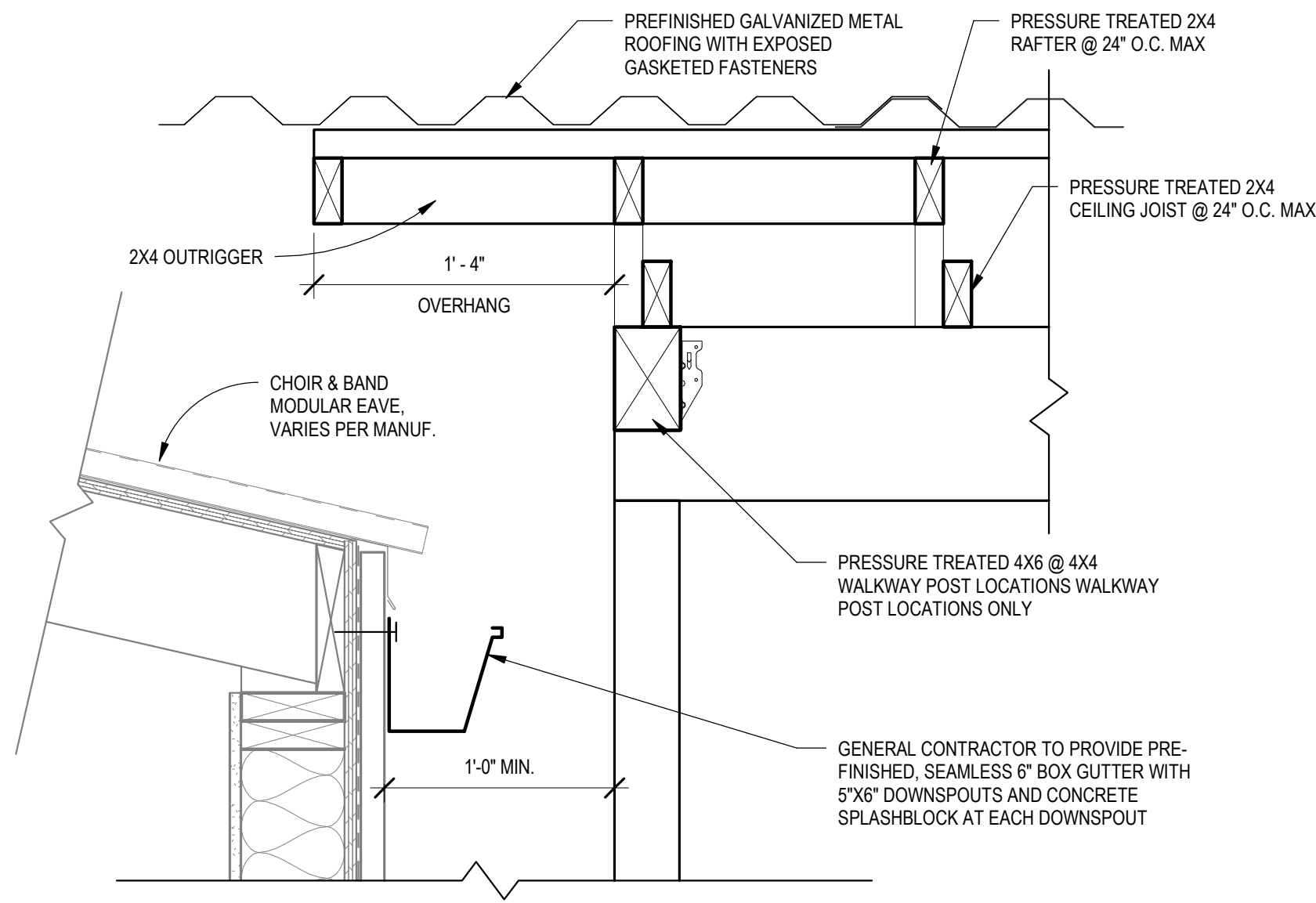
1 Rear Classroom Modular Ramp - Dimension Plan

3 Typical Walkway Plan Detail
A010-P0 1/2" = 1'-0"

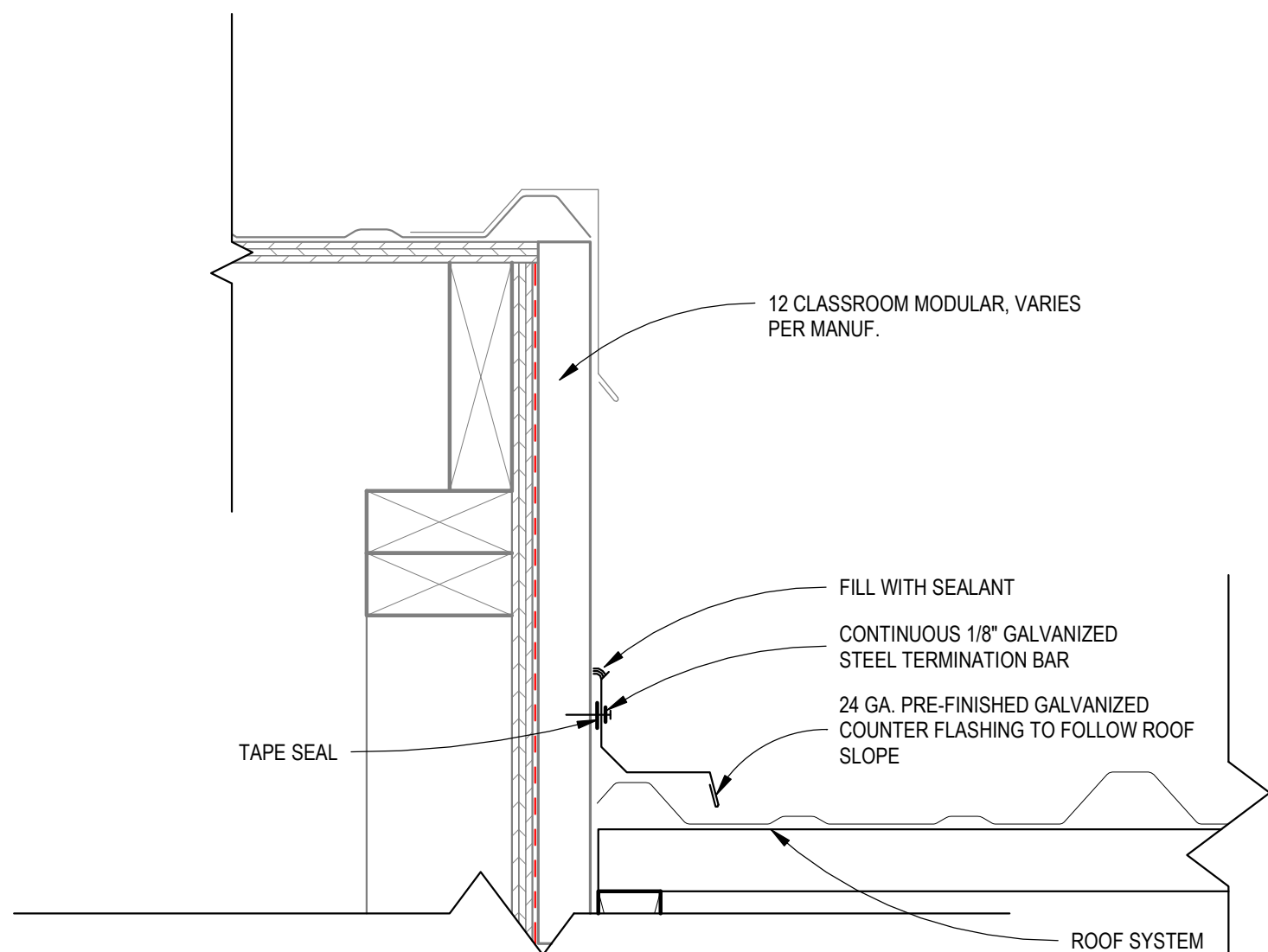




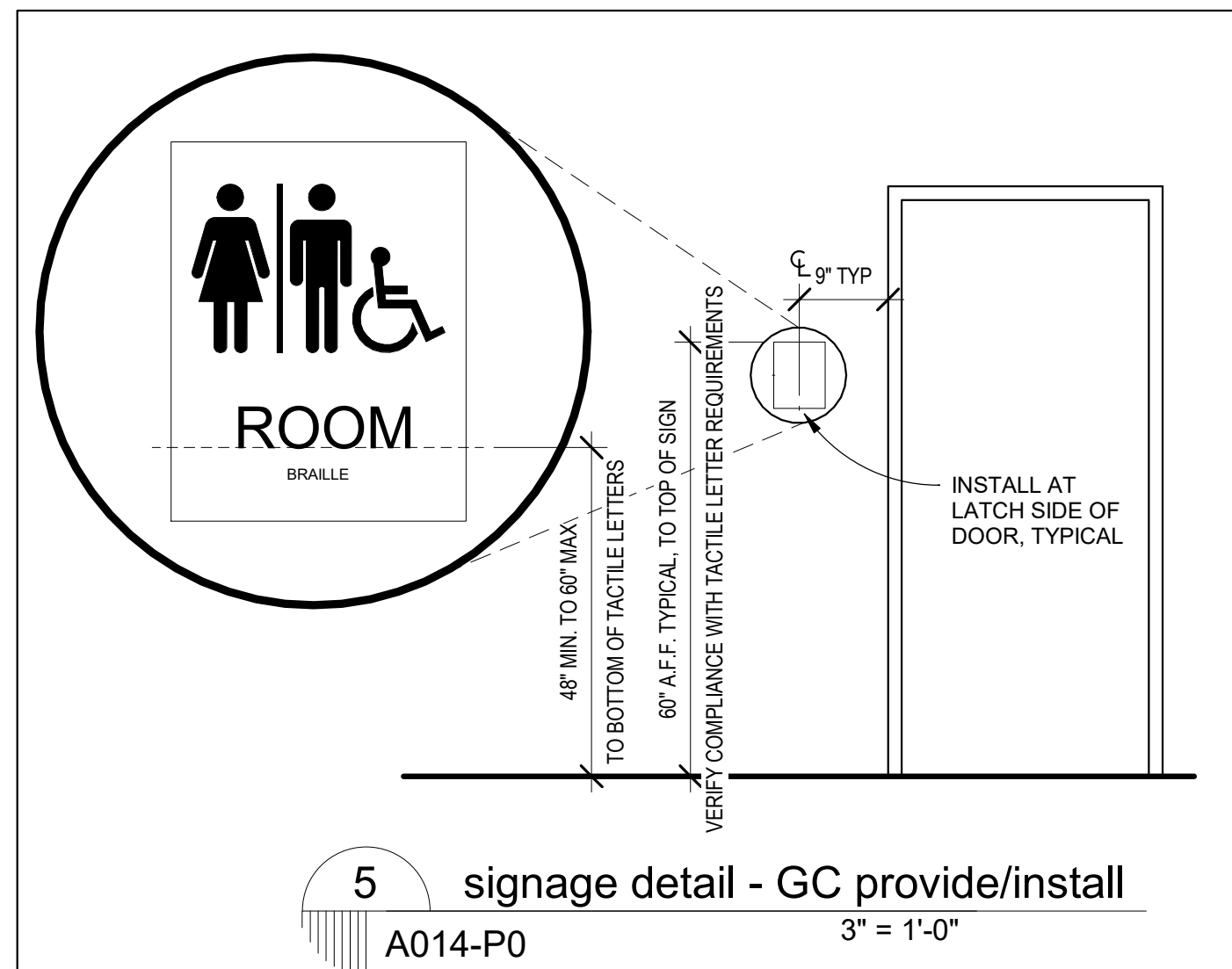
4 walkway bracing detail over existing band canopy
A014-P0 1 1/2" = 1'-0"



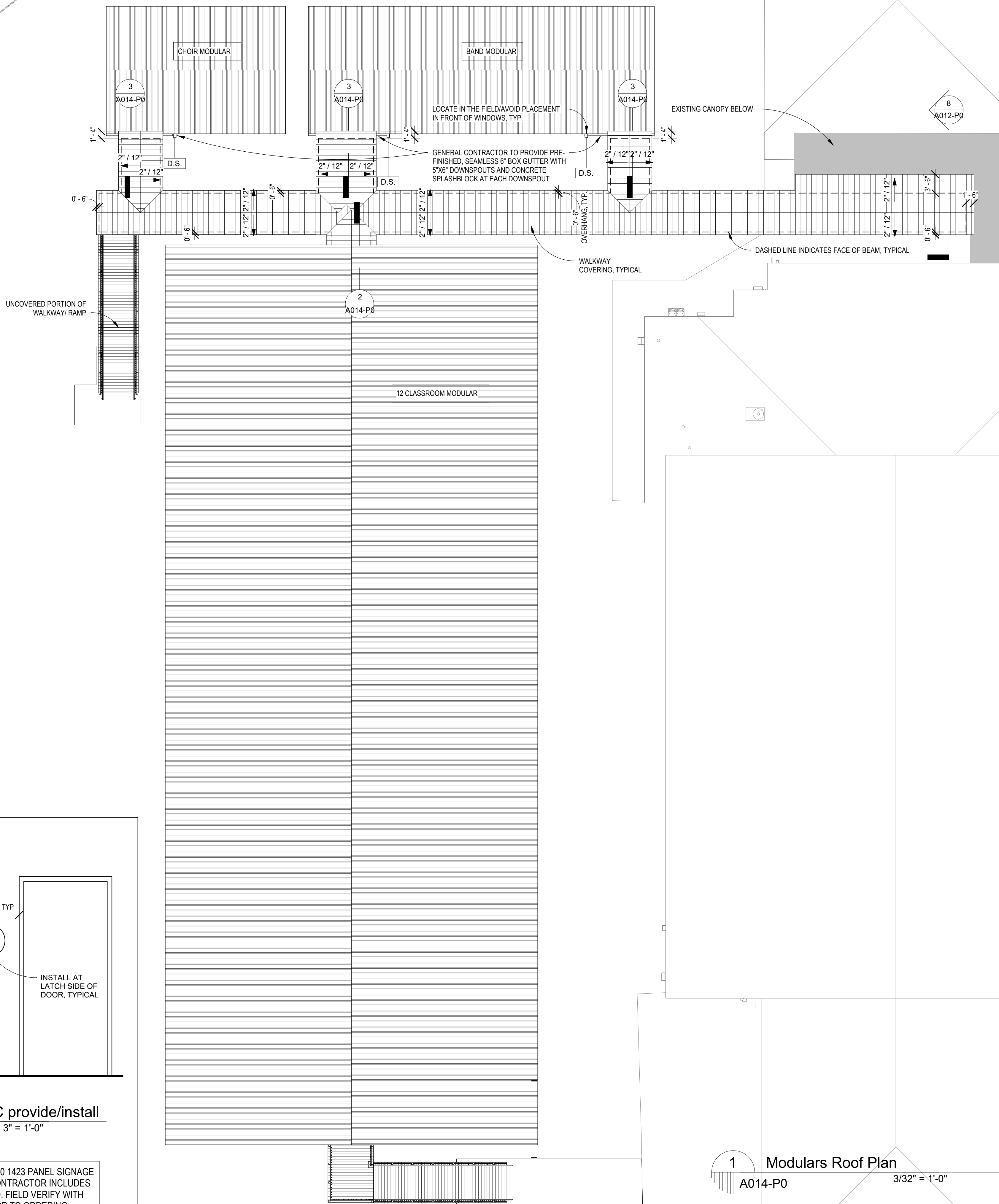
3 walkway eave detail with modular gutter
A014-P0 1 1/2" = 1'-0"



2 walkway flashing detail @ 12 classroom modular
A014-P0 3" = 1'-0"



NOTE: REFERENCE SPECIFICATION SECTION 10 1423 PANEL SIGNAGE FOR MORE INFORMATION. SCOPE BY THIS CONTRACTOR INCLUDES PROVIDING SIGNAGE TO ROOMS INDICATED. FIELD VERIFY WITH LEASING COMPANY'S FINAL PLANS PRIOR TO ORDERING



1 Modulares Roof Plan
A014-P0 3/32" = 1'-0"

Autodesk Docs://STPSB Boyet Junior High School Renovations/STPSB_BoyetJHHS_E_225.rvt

POWER DEVICE / EQUIPMENT LEGEND	
SYMBOL	DESCRIPTION
	SIMPLEX RECEPTACLE, 20A, 120V
	DUPLEX RECEPTACLE, 20A, 120V
	DUPLEX RECEPTACLE, 20A, 120V, WITH INTERNAL GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX RECEPTACLE, 20A, 120V, WITH 2 USB OUTLETS
	DUPLEX RECEPTACLE, 20A, 120V, SWITCHED
	QUADRUPLEX RECEPTACLE, (2) 20A, 120V DUPLEX RECEPTACLES GANGED TOGETHER
	SPECIAL RECEPTACLE, SEE SPECIFIC NOTES FOR VOLTAGE AND CONFIGURATION
	DUPLEX RECEPTACLE, 20A, 120V, FLUSH TO CEILING
	4-GANG FLOOR OUTLET BOX WITH (2) DUPLEX RECEPTACLES, DATA, AND HDMI, OR A COMBINATION OF THESE. PROVIDE (1) GANG EACH FOR A DUPLEX, DATA OUTLET, AND HDMI OUTLET.
	3-GANG TV OUTLET BOX WITH DUPLEX RECEPTACLE, DATA, AND HDMI, OR A COMBINATION OF THESE. PROVIDE (1) GANG EACH FOR A DUPLEX, DATA OUTLET, AND HDMI OUTLET. COORDINATE ELEVATION WITH ARCHITECT.
	PLUGMOLD, LENGTH AS INDICATED ON PLAN
	JUNCTION BOX WITH COVERPLATE
	FUSIBLE SAFETY SWITCH UNLESS NOTED OTHERWISE, SIZE AS NOTED (FRAME/V/POLES/FUSE)
	TOGGLE SWITCH DISCONNECT, SIZE AS NOTED (FRAME/V/POLES)
	COMBINATION CARBON MONOXIDE AND SMOKE ALARM, 120V, WITH BATTERY BACK-UP
	MOTOR, SIZE AS NOTED, "F" DENOTES FRACTIONAL HP TYPE
	TRANSFORMER - KVA AS NOTED
	PANELBOARD AND CLEARANCE, SURFACE OR RECESSED AS SHOWN
	ELECTRICAL METER
	AUTOMATIC TRANSFER SWITCH
	CONDUIT AND WIRE CONCEALED IN WALL OR ABOVE CEILING. THE ARROW INDICATES A HOMERUN TO THE PANEL. SLASH MARKS INDICATE THE NUMBER OF #12 WIRES IN THE CONDUIT. ABSENCE OF SLASHES IS (2) #12. SIZE CONDUIT PER N.E.C. A SEPARATE EQUIPMENT GROUND IS REQUIRED BUT IS NOT DENOTED WITH A SLASH. #10 DENOTES AN INCREASE IN THE WIRE SIZE.

LIGHTING DEVICE LEGEND	
SYMBOL	DESCRIPTION
	LIGHT SWITCH, SINGLE POLE, 20A, 120/277V, MOUNTED AT 48" A.F.F. TO CENTERLINE OR AS NOTED
	SPECIALTY SWITCH CONNECTED TO LIGHTING CONTROLLER, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER, MOUNTED AT 48" A.F.F. TO CENTERLINE OR AS NOTED
	OCCUPANCY SENSOR WALL SWITCH, PIR TYPE, MOUNTED AT 48" A.F.F. TO CENTERLINE OR AS NOTED
	OCCUPANCY SENSOR WALL SWITCH, DUAL TECH TYPE, MOUNTED AT 48" A.F.F. TO CENTERLINE OR AS NOTED
	WALL/CORNER MOUNTED OCCUPANCY SENSOR, PIR TYPE, MOUNTED AT 84" A.F.F. TO CENTERLINE OR AS NOTED
	OCCUPANCY SENSOR, WALL/CORNER MOUNTED, DUAL TECH TYPE, MOUNTED AT 84" A.F.F. TO CENTERLINE OR AS NOTED
	OCCUPANCY SENSOR, CEILING MOUNTED, PIR TYPE
	OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECH TYPE
	SWITCHPACK MOUNTED ABOVE CEILING, PROVIDES 24 VDC OPERATING VOLTAGE TO LOW-VOLTAGE 24 VDC SENSORS AND CONTROLLERS
	LINEAR DIMMING CONTROL MODULE MOUNTED ABOVE CEILING, DIMS ELV ONLY FIXTURES WITH 0-10V
	LIGHTING CONTROLLER MOUNTED ABOVE CEILING, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	LIGHTING CONTROLLER EXPANSION PACK MOUNTED ABOVE CEILING, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	LIGHTING CONTROLLER POWER SUPPLY REPEATER MOUNTED ABOVE CEILING, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	LIGHTING CONTROLLER OCCUPANCY SENSOR MODULE MOUNTED ABOVE CEILING, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	LIGHTING CONTROLLER REMOTE DIMMING RELAY MOUNTED ABOVE CEILING, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	OUTDOOR PHOTO SENSOR HEAD, ROOF MOUNTED, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER
	INDOOR PHOTO SENSOR HEAD, CEILING MOUNTED, PROVIDE CABLING AND MAKE CONNECTIONS PER MANUFACTURER

LIGHTING FIXTURE LEGEND	
SYMBOL	DESCRIPTION
	SURFACE, RECESSED, OR PENDANT MOUNT DOWNLIGHT (TYPE DETERMINES MOUNTING)
	SURFACE OR RECESSED DOWNLIGHT WITH WALL WASH TRIM (TYPE DETERMINES MOUNTING)
	TROFFER OR FLAT PANEL (TYPE DETERMINES MOUNTING)
	HIGH OR LOW BAY FIXTURE
	WALL BRACKET FIXTURE
	ARCHITECTURAL PENDANT MOUNT FIXTURE
	RING PENDANT MOUNT FIXTURE
	SURFACE, RECESSED, OR PENDANT MOUNT DECORATIVE LINEAR (TYPE DETERMINES MOUNTING)
	SURFACE OR PENDANT MOUNT UTILITY LIGHT (TYPE DETERMINES MOUNTING)
	WALL MOUNT DECORATIVE LINEAR OR UTILITY LIGHT
	WALL MOUNTED EXTERIOR WALL PACK
	TRACK LIGHTING
	POLE WITH ARMS
	TAPE LIGHT
	UNDERCABINET LIGHT, DASHED LINE INDICATES LIGHT DIRECTION
	WALL MOUNTED EMERGENCY FIXTURE
	SURFACE OR PENDANT MOUNT EXIT SIGN (TYPE DETERMINES MOUNTING), SHADED AREAS INDICATE FACES, ARROWS INDICATE CHEVRON
	WALL MOUNT EXIT SIGN (TYPE DETERMINES MOUNTING), SHADED AREAS INDICATE FACES, ARROWS INDICATE CHEVRON

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	PULL STATION
	WALL MOUNTED HORN
	WALL (BOX) AND CEILING (HEX) MOUNTED HORN STROBE
	WALL (BOX) AND CEILING (HEX) MOUNTED STROBE
	WALL (BOX) AND CEILING (HEX) MOUNTED SPEAKER STROBE
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR PANEL
	VOICE EVACUATION CONTROL PANEL
	SMOKE DETECTOR
	CARBON MONOXIDE AND SMOKE COMBO DETECTOR
	HEAT DETECTOR
	DUCT SMOKE DETECTOR
	WATER FLOW SWITCH
	TAMPER SWITCH
	FIRE ALARM CONTROL MODULE
	FIRE ALARM DOOR HOLDER
	ADDRESSABLE DUAL MONITOR MODULE
	NOTIFICATION CIRCUIT POWER BOOSTER PANEL
	ADDRESSABLE RELAY MODULE

SPECIAL SYSTEMS / SECURITY LEGEND	
SYMBOL	DESCRIPTION
	WIRELESS ACCESS POINT, SEE SPECIFICATIONS FOR CABLING REQUIREMENTS AND DETAILS
	SPEAKER, CEILING MOUNTED
	SPEAKER, WALL MOUNTED
	MICROPHONE, CEILING MOUNTED
	MICROPHONE, WALL MOUNTED
	CAMERA, CEILING MOUNTED, SEE SPECIFICATIONS FOR CABLING REQUIREMENTS AND DETAILS
	CAMERA, WALL MOUNTED, SEE SPECIFICATIONS FOR CABLING REQUIREMENTS AND DETAILS
	PA SPEAKER, CEILING MOUNTED
	PA SPEAKER, WALL MOUNTED
	INTERCOM CALL STATION
	CLOCK
	INTERCOM MASTER STATION

DATA LEGEND	
SYMBOL	DESCRIPTION
	DATA OUTLET, WITH TWO PORTS UNLESS SUBSCRIPT INDICATES OTHERWISE, SEE SPECIFICATIONS FOR CABLING REQUIREMENTS AND DETAILS
	HDMI OUTLET, SEE PLANS FOR DETAILS
	DATA OUTLET MOUNTED FLUSH TO CEILING
	WHERE SHOWN AS FLOOR MOUNTED, DATA OUTLET IN FLOOR BOX

MODIFIERS LEGEND	
POWER DEVICE MODIFIERS	
AFF	ABOVE FINISHED FLOOR
WP	WEATHERPROOF ENCLOSURE
H	HOSPITAL GRADE DEVICE WITH REDUNDANT GROUND
IG	ISOLATED GROUND
CT	COUNTERTOP HEIGHT
WF	WATER FOUNTAIN
RF	REFRIGERATOR
UR	UNDERCOUNTER REFRIGERATOR
OV	OVEN
MW	MICROWAVE
DW	DISHWASHER
HD	HOOD
GD	GARBAGE DISPOSAL
WM	WASHING MACHINE
DR	DRYER
TV	TELEVISION, VERIFY ELEVATION WITH ARCHITECT
(E)	EXISTING TO REMAIN
NOTE: VERIFY ELEVATIONS OF APPLIANCE DEVICES WITH MANUFACTURER.	
LIGHTING FIXTURE MODIFIERS	
'F'	DESIGNATES FIXTURE TYPE - SEE LIGHTING FIXTURE SCHEDULE
'E'	APPENDED TO FIXTURE TYPE - DESIGNATES EMERGENCY FIXTURE
NL	DESIGNATES NIGHT LIGHT - FIXTURE TO REMAIN ON 24/7
'a'	DESIGNATES SWITCH SYSTEM NOT CONNECTED TO LIGHTING CONTROLLER
'za'	DESIGNATES SWITCH ZONE CONNECTED TO LIGHTING CONTROLLER
LIGHTING DEVICE MODIFIERS	
D1	DIMMER SWITCH, 120/277V
D0	DIMMER SWITCH, 0-10V
M	MOTOR RATED SWITCH
T	DIGITAL TIMER SWITCH WITH THREE WAY SWITCH OPTION
3	THREE WAY SWITCH
4	FOUR WAY SWITCH
'(2/4)'	DENOTES NUMBER OF SCENE/ZONE BUTTONS ON SWITCH CONNECTED TO LCP
'a'	DESIGNATES SWITCH SYSTEM NOT CONNECTED TO LIGHTING CONTROLLER
'za'	DESIGNATES SWITCH ZONE CONNECTED TO LIGHTING CONTROLLER
NOTE: VERIFY COMPATIBILITY OF LINE VOLTAGE DIMMER SWITCHES WITH LIGHTING FIXTURES.	
NOTE: CALIBRATE EACH DIMMER SWITCH.	
TELEPHONE / DATA MODIFIERS	
'd'	NUMBER OF DATA DROPS - NO MODIFIER INDICATES (2) DROPS
SPECIAL SYSTEMS / SECURITY MODIFIERS	
'I'	CLOCK - NUMBER OF FACES (1 OR 2)
CS	CLOCK - SINGLE FACE WITH INTEGRAL INTERCOM SPEAKER



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STPSB Project No. 2511

Construction Documents
Permit Set

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08.25.2026

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electrical legends

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E000-P0

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GENERAL ELECTRICAL DEMOLITION NOTES	
1.	PLANS DO NOT ATTEMPT TO SHOW ALL ELECTRICAL DEMOLITION ITEMS. UNLESS OTHERWISE NOTED, THE DEVICES THAT ARE SHOWN ARE FOR INFORMATION PURPOSES. FIELD VERIFY ALL DEMOLITION ITEMS AND PROVIDE REMOVAL OF ALL DEVICES ACCORDINGLY.
2.	PRIOR TO STARTING OF DEMOLITION, CONFER WITH ARCHITECT FOR GENERAL INSTRUCTIONS.
3.	FIELD INVESTIGATE THE EXISTING ELECTRICAL INSTALLATION, AS IT RELATES TO THE AREA BEING DEMOLISHED. ALL EXISTING INSTALLATIONS IN THE RENOVATION AREAS THAT ARE TO REMAIN BUT ARE NOT CURRENTLY IN COMPLIANCE WITH CURRENT CODES SHALL BE BROUGHT TO THE OWNER'S ATTENTION IMMEDIATELY.
4.	UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL EQUIPMENT CURRENTLY LOCATED IN THE AREAS OF DEMOLITION WHETHER SPECIFICALLY INDICATED ON THIS DRAWING OR NOT SHALL BE DISCONNECTED AND REMOVED FROM SERVICE. THE OWNER HAS FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS. ALL ITEMS NOT WANTED BY THE OWNER SHALL BE PROPERLY DISPOSED OF OFFSITE BY THE CONTRACTOR IN ACCORDANCE WITH THE LAW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL DEMOLITION WORK CONTAINED IN THE DRAWINGS. THIS INCLUDES ANY ELECTRICAL WORK NECESSARY FOR THE DEMOLITION OF ITEMS INDICATED IN THE ARCHITECTURAL AND MECHANICAL PLANS.
5.	NON-DEMOLITION AREAS: DEMOLITION WORK SHALL NOT AFFECT AREAS NOT INCLUDED IN DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUITY OF ALL SERVICES IN NON-DEMOLITION AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR EXTENDING, RE-RIGGING AND/OR RECONNECTING ANY CIRCUITS AFFECTED BY DEMOLITION. PROVIDE ADDITIONAL CONDUIT/WIRE AS REQUIRED TO MAINTAIN SERVICE. CIRCUITS IN NON-DEMOLITION AREAS THAT ARE CONNECTED TO DEMOLISHED PANELS AND/OR CIRCUITS SHALL BE RE-CIRCUITED TO THE NEW PANELS. VERIFY CIRCUIT VOLTAGE AND AMPERAGE PRIOR TO PURCHASING MATERIALS. PROVIDE POWER FOR ALL RELOCATED CIRCUITS AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY. ALL EXISTING ABANDONED AND/OR UN-USED CONDUIT/WIRE, SWITCHES/STARTERS, JUNCTION BOXES, COMMUNICATION SYSTEM AND DEVICES IN PROJECT AREAS SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY SYSTEM OR ITEM THAT HAS BEEN DAMAGED DUE TO THEIR WORK.
6.	CONTRACTOR SHALL TRACE OUT ALL CIRCUITRY AND REMOVE ANY CIRCUITS THAT ARE BEING FED FROM A SEPARATE SOURCE OUTSIDE OF THE DESIGNED AREA. RECONNECT ALL DEVICES TO CIRCUIT BREAKER OF EQUAL SIZE IN NEW PANELBOARD. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE ALL NECESSARY MATERIALS FOR A COMPLETE INSTALLATION
7.	REMOVE ALL EXISTING ELECTRICAL EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES/DIMMERS, EXIT LIGHTS, RECEPTACLES, MISC. OUTLETS, ETC. IN THE DEMOLITION AREAS. REMOVE CONDUIT/WIRE BACK TO PANEL(S) AND LABEL ALL ASSOCIATED BREAKERS AS "SPARE". CARE SHALL BE TAKEN TO MAINTAIN CIRCUIT CONTINUITY TO ELECTRICAL DEVICES THAT SHALL REMAIN. PROVIDE NEW CONDUIT/WIRE AS REQUIRED.
8.	EXISTING CONDUIT: INTENT OF THIS PROJECT IS TO REMOVE ALL INACTIVE CONDUIT AND WIRES. EXISTE WIRING CONDUIT THAT WOULD BE EXPOSED SHALL BE RELOCAY ABOVE OR BEHIND NEW FINISHED CEILINGS AND/OR WALLS WHEN POSSIBLE. UNLESS INDICATED OTHERWISE, CONTRACTOR SHALL FIELD INSPECT PRIOR TO BIDDING PROJECT.
9.	UN-SUPPORTED CONDUIT AND JUNCTION BOXES LAYING ON TOP OF CEILING TILES. CONDUIT AND/OR JUNCTION BOXES SUPPORTED ONLY BY TIE-WIRE - RAISE AND SUPPORT CONDUIT WITH STRAP PER SPECIFICATIONS. PROVIDE NEW CONDUIT/WIRE AS REQUIRED. CIRCUITS WITHOUT A SEPARATE GREEN GROUNDING WIRE - INSTALL A GREEN GROUNDING WIRE FOR EVERY RECEPTACLE OUTLET AND DEVICES. INSTALLATION OF THE GREEN GROUNDING WIRE MAY REQUIRE THE REMOVAL AND RE-INSTALLATION OF THE EXISTING WIRES. PROVIDE NEW WIRE AS REQUIRED. FIXTURES IMPROPERLY SUPPORTED OR INADEQUATELY SUPPORTED BY DEVICE BOXES - PROVIDE PROPER SUPPORT PER N.E.C. ALL EXISTING ABANDONED AND/OR UN-USED CONDUIT/WIRE, SWITCHES/STARTERS, JUNCTION BOXES, COMMUNICATION SYSTEM AND DEVICES IN PROJECT AREAS SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS. ALL ITEMS DEMOLISHED SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS.
10.	WHERE EXISTING OUTLETS ARE SHOWN TO REMAIN, BUT ARE INDICATED WITH NEW CIRCUITRY PERFORM THE FOLLOWING: A. REMOVE EXISTING CIRCUITRY. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC., NECESSARY TO MAINTAIN CIRCUIT CONTINUITY TO EXISTING DEVICES ON THE SAME CIRCUIT. B. PROVIDE NEW WIRING DEVICE AND FACEPLATE. C. RE-CIRCUIT DEVICES AS INDICATED.
11.	WHERE AN EXISTING DEVICE OR LIGHT FIXTURE IS REMOVED BUT THE RACEWAY AND BOX REMAINS FOR CIRCUIT CONTINUITY, PROVIDE NEW JUNCTION BOXES, PULL BOXES, RACEWAYS, WIRING, ETC., AS REQUIRED. PROVIDE APPROPRIATE BLANK COVER PLATES OF MATERIAL AND FINISH TO MATCH THE COVER PLATES ON THE DEVICES IN THAT ROOM.
12.	WHERE AN EXISTING ELECTRICAL DEVICE, EQUIPMENT, ETC., IS BEING REMOVED WITH A DEDICATED CIRCUIT OR WITH NO OTHER DEVICES DOWNSTREAM FROM AN EXISTING WALL/FLOOR AND THAT WALL/FLOOR IS TO REMAIN CONTRACTOR SHALL PATCH AND SEAL TO ARCHITECT'S SATISFACTION. ALL EXISTING PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, ETC., SHALL BE INFILLED WITH FIREPROOFING MATERIAL EQUAL OR GREATER THAN FIRE RATING OF WALLS, FLOORS, ETC.
13.	SEAL ALL PENETRATIONS AT EXISTING STRUCTURES, WHERE ELECTRICAL EQUIPMENT, DEVICES, CABLING, ETC., ARE REMOVED, WHERE AN EXISTING ELECTRICAL DEVICE, EQUIPMENT, ETC., IS BEING REMOVED FROM AN EXISTING WALL AND THAT WALL IS TO REMAIN, CONTRACTOR SHALL PATCH EXISTING WALL. THE RESULT SHALL BE TO THE ARCHITECT'S SATISFACTION. ALL EXISTING PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, ETC., SHALL BE INFILLED WITH FIREPROOFING MATERIAL EQUAL OR GREATER THAN FIRE RATING OF WALLS, FLOORS, ETC.
14.	DETERMINE ALL EXISTING AND NEW DEVICE CIRCUIT DESIGNATIONS ON THE RECORD DRAWINGS.
15.	EXISTING STUB-UPS AND FLOOR BOXES SHALL BE REMOVED TO BELOW THE FINISHED SLAB AND INFILLED.

GENERAL ELECTRICAL NOTES	
1.	ALL WORK SHALL CONFORM TO THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL, STATE AND NATIONAL CODES AND STANDARDS.
2.	CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE ALLOWED FOR CONDITIONS THAT A SITE VISIT SHOULD HAVE REVEALED.
3.	ALL ELECTRICAL LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL INSTALLATIONS AND THE ARCHITECTURAL DRAWINGS.
4.	CONTRACTOR SHALL APPLY FOR AND PAY ALL NECESSARY PERMIT FEES.
5.	CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITIES WITH THE RESPECTIVE LOCAL UTILITY COMPANIES AND VERIFY THE AVAILABILITY OF THE SERVICE INDICATED ANY SERVICE CHARGES SHALL BE PAID BY THE CONTRACTOR.
6.	CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL, PLUMBING, KITCHEN, OWNER PROVIDED, AND MISCELLANEOUS EQUIPMENT WITH THE EQUIPMENT SUPPLIER. BREAKER, CONDUCTORS, DISCONNECT, AND FUSE SIZES SHALL MATCH THE ACTUAL REQUIREMENTS OF THE EQUIPMENT PROVIDED. REFERENCE MECHANICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS FOR DETAILS, DIMENSIONS AND EXACT LOCATIONS OF EQUIPMENT.
7.	CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS FOR ALL APPLIANCES WITH THE MANUFACTURER. BREAKER SIZES, CONDUCTORS SIZES, AND RECEPTACLE TYPES SHALL MATCH THE ACTUAL REQUIREMENTS OF THE APPLIANCES PROVIDED. REFERENCE ARCHITECTURAL DRAWINGS FOR DETAILS, DIMENSIONS AND EXACT LOCATIONS OF APPLIANCES AND REFER TO MANUFACTURER CUTSHEETS AND INSTALLATION MANUALS FOR EXACT ELECTRICAL CONNECTION TYPES AND LOCATIONS.
8.	PROVIDE POWER TO EQUIPMENT ACCESSORIES AS REQUIRED. VERIFY NECESSITY OF POWER FOR ACCESSORIES WITH MECHANICAL, PLUMBING, FOOD SERVICE, AND ARCHITECTURAL SCHEDULES AND MANUFACTURER CUTSHEETS.
9.	CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL VOLTAGE DROP LOST IN CONDUCTORS. VOLTAGE DROP SHALL NOT EXCEED 3% LOSS ON ANY FEEDER OR BRANCH CIRCUIT.
10.	PENETRATIONS THROUGH FIRE/SMOKE RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814. REFERENCE ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS.
11.	INSTALL EQUIPMENT SO THAT CLEAR WORKING SPACE REQUIREMENTS OF THE NEC ARE MET. REFER TO NEC 110.26.
12.	ALL ELECTRICAL EQUIPMENT SHALL BE SUPPORTED INDEPENDENTLY FROM THE EQUIPMENT SERVED.
13.	ALL ELECTRICAL SYSTEMS, EQUIPMENT AND COMPONENTS SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OR GRADE ELEVATION, WHICHEVER IS HIGHER.
14.	CONTRACTOR SHALL BE RESPONSIBLE FOR PAINTING ALL EXPOSED EXTERIOR ELECTRICAL DEVICES INCLUDING, BUT NOT LIMITED TO, CONDUITS AND JUNCTION BOXES. PAINT SHALL MATCH WITH THE SURROUNDING AREA. VERIFY EXACT COLOR WITH THE ARCHITECT.
15.	CONTRACTOR SHALL USE METAL RACEWAYS AND BOXES FOR OUTLET LOCATIONS. ALL RACEWAYS AND BOXES THAT CANNOT BE RECESSED IN THE WALL SHALL BE APPROVED BY THE ARCHITECT AND SHALL BE SUPPORTED WITH SCREW/ANCHOR FASTENERS. GLUED OR TAPED SUPPORTS ARE NOT ACCEPTABLE.
16.	CONTRACTOR SHALL PROVIDE ALL 120V AND FIRE ALARM CONNECTORS FOR ALL SMOKE DAMPERS, DUCT DETECTORS, AND CONTROL SYSTEM COMPONENTS. SEE MECHANICAL PLANS FOR QUANTITY AND LOCATIONS.
17.	POWER OUTAGES SHALL BE COORDINATED WITH THE OWNER AT A TIME THAT IS CONVENIENT TO THEIR SCHEDULE. DOWNTIME SHALL BE KEPT TO A MINIMUM. THIS MAY REQUIRE WORKING AFTER HOURS AND/OR WEEKENDS. CONTRACTOR SHALL COORDINATE INSTALLATIONS WITH THE ARCHITECT AND THE OWNER'S CONSTRUCTION MANAGER REGARDING THE PHASING OF THE PROJECT.
18.	CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXPANSION AND PROTECTION OF ALL SYSTEMS INCLUDING BUT NOT LIMITED TO FIRE ALARM, CATV, COMPUTER, TELEPHONE, SECURITY, AND CAMERA SYSTEMS. ALL DEVICES SHALL BE PROPERLY TESTED AND IN WORKING ORDER FOR "TURNKEY" SYSTEMS. CONTRACTOR SHALL VISIT THE SITE TO INSPECT EXISTING CONDITIONS PRIOR TO BID. ALL MATERIALS REQUIRED TO PROPERLY CONNECT ALL OF THESE SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. EXISTING SPECIAL SYSTEMS CABLES SHALL NOT BE CUT UNDER ANY CIRCUMSTANCE WITHOUT WRITTEN CONSENT FROM THE OWNER. ALL OF THESE SYSTEMS ARE IN PROPER WORKING ORDER AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY DAMAGE DONE TO THE INTEGRITY OF THESE SYSTEMS. SEE SPECIFICATIONS FOR MORE DETAILS.
19.	ALL RECEPTACLES SHALL BE TAMPERPROOF.

GENERAL POWER NOTES	
1.	PROVIDE TYPEWRITTEN PANELBOARD SCHEDULES AFFIXED TO PANELBOARD DOORS DEPICTING THE FINAL AS-BUILT CONDITIONS AT PROJECT COMPLETION.
2.	LABEL ALL ELECTRICAL EQUIPMENT AS DESCRIBED IN SPECIFICATIONS.
3.	INSTALL DEVICES SUCH THAT THEY ARE FLUSH WITH WALL UNLESS NOTED OTHERWISE.
4.	PROVIDE GFCI PROTECTION FOR ALL 125-VOLT THROUGH 250-VOLT RECEPTACLES SUPPLIED BY SINGLE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 50 AMPERES OR LESS, AND ALL RECEPTACLES SUPPLIED BY THREE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 100 AMPERES OR LESS. INSTALLED IN BATHROOMS; KITCHENS OR AREAS WITH A SINK AND PERMANENT PROVISIONS FOR EITHER FOOD PREPARATION OR COOKING; ROOFTOPS; OUTDOORS; SINKS – WHERE RECEPTACLES ARE INSTALLED WITHIN 1.8 M (6 FT) FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK; INDOOR DAMP AND WET LOCATIONS; LOCKER ROOMS WITH ASSOCIATED SHOWERING FACILITIES; GARAGES; ACCESSORY BUILDINGS, SERVICE BAYS, AND SIMILAR AREAS OTHER THAN VEHICLE EXHIBITION HALLS AND SHOWROOMS; CRAWL SPACES – AT OR BELOW GRADE LEVEL; UNFINISHED AREAS OF BASEMENTS; LAUNDRY AREAS; OR BATHTUBS AND SHOWER STALLS – WHERE RECEPTACLES ARE INSTALLED WITHIN 1.8 M (6 FT) OF THE OUTSIDE EDGE OF THE BATHTUB OR SHOWER STALL.
5.	PROVIDE WEATHERPROOF COVERS FOR EXTERIOR ELECTRICAL DEVICES AND AS NOTED ON PLANS. SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBERS.

IECC 2021 COMPLIANCE	
1.	LIGHTING CONTROLS HAVE BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION CODE OF LOUISIANA (IECC C405.2 AND SUBSECTIONS).
2.	THE TOTAL INTERIOR CONNECTED LIGHTING POWER HAS BEEN CALCULATED IN ACCORDANCE WITH IECC C405.3.1 AND IS LESS THAN THE INTERIOR LIGHTING POWER ALLOWANCE DETERMINED USING THE BUILDING AREA METHOD IN ACCORDANCE WITH IECC C405.3.2.1.
3.	THE TOTAL EXTERIOR CONNECTED LIGHTING POWER HAS BEEN CALCULATED IN ACCORDANCE WITH IECC C405.5.1 AND IS LESS THAN THE EXTERIOR LIGHTING POWER ALLOWANCE DETERMINED IN ACCORDANCE WITH IECC C405.5.2 AND C405.5.2.1.
4.	SEE SPECIFICATIONS FOR DESCRIPTION OF LIGHTING CONTROL SYSTEM TESTING AND DOCUMENTATION REQUIREMENTS.
5.	SEE SPECIFICATIONS FOR DESCRIPTION OF ENERGY MONITORING REQUIREMENTS.

GENERAL FIRE ALARM NOTES	
1.	PROVIDE FIRE ALARM DEVICES PER REQUIREMENTS OF NFPA 72 AND THE STATE FIRE MARSHAL'S OFFICE. TIE INTO EXISTING BUILDING FIRE ALARM SYSTEM.
2.	PROVIDE DEVICES FROM THE SAME MANUFACTURER AS EXISTING BUILDING FIRE ALARM SYSTEM.
3.	PROVIDE 120V POWER FOR PANELS AND DEVICES AS REQUIRED.

MODULAR LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	WATTS	COLOR TEMP	DIMMING PROTOCOL	COMMENTS	
F1	4' CANOPY STRIP LIGHT	PINNACLE	EX3-WET-N-83050-4-IND-W-U-FSD-1-B-X	WALL	19 VA	3000 K	0-10V	COORDINATE FINISH WITH ARCHITECT.	
F1E	4' CANOPY STRIP LIGHT W/ INTEGRAL BATTERY BACKUP	PINNACLE	EX3-WET-N-83050-4-IND-W-U-FSD-1-ILL-X	WALL	19 VA	3000 K	0-10V	COORDINATE FINISH WITH ARCHITECT.	
F2E	WALL PACK	LUMARK	GKO-PBIC-730-U-T2U-XX-EBP	WALL	17 VA	3000 K	N/A	COORDINATE FINISH WITH ARCHITECT.	

GENERAL LIGHTING NOTES	
1.	CONTRACTOR SHALL COORDINATE THE INSTALLATION OF LIGHT FIXTURES AND DEVICES WITH THE MECHANICAL, STRUCTURAL, AND ARCHITECTURAL ELEVATIONS, FLOOR PLANS, AND REFLECTED CEILING PLANS. BRING CONFLICTS TO THE ATTENTION OF THE ELECTRICAL ENGINEER.
2.	SEE ARCHITECTURAL ELEVATIONS FOR ELEVATIONS OF PENDANT AND WALL MOUNTED LIGHT FIXTURES. CONTRACTOR SHALL PROVIDE PENDANT MOUNTING KITS TO ACHIEVE ELEVATIONS AS SPECIFIED.
3.	ALL ADJUSTABLE LIGHT FIXTURES SHALL BE LOCATED AND PROPERLY AIMED AS DIRECTED BY THE ARCHITECT OR LIGHTING DESIGNER.
4.	CONTRACTOR SHALL PROVIDE TWO (2) ADDITIONAL CONDUCTORS FOR EACH SWITCHED LIGHT CONTROLLED THROUGH A DIMMER SWITCH.
5.	RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES.
6.	WHERE LOCATED IN INSULATED CEILINGS, FIXTURE HOUSINGS SHALL BE IC RATED. VERIFY FIXTURE RATING PRIOR TO ORDERING.
7.	RECESSED FIXTURES IN FIRE RATED CEILINGS AND RETURN AIR PLENUMS SHALL BE RATED FOR THE FIRE RATING OF THE CEILING OR SHALL BE FULLY ENCLOSED IN A FIRE RATED HOUSING ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
8.	ALL EXIT SIGNS SHALL BE INSTALLED AS PER NFPA. WALL MOUNTED EXIT SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM EDGE OF THE SIGN IS 2" CLEAR OF THE DOOR LINTEL OR FINISHED DOOR TRIM. WHERE WALL MOUNTING AFFECTS THE FIRE RATING OF THAT AREA, EXIT SIGN SHALL BE CEILING MOUNTED.
9.	ALL EMERGENCY, EXIT LIGHTS, EMERGENCY BATTERY PACKS AND NIGHT LIGHTS SHALL BE POWERED BY THE NEAREST UN-SWITCHED LIGHTING CIRCUIT IN THE ROOM, UNLESS NOTED OTHERWISE.

VOLTAGE DROP SCHEDULE	
DISTANCE	CONDUCTOR SIZE
120V CIRCUITS UP TO 8 AMPS	
1'-120'	#12 AWG
121'-190'	#10 AWG
191'-300'	#8 AWG
301'-470'	#6 AWG
120V CIRCUITS 9 AMPS TO 16 AMPS	
1'-65'	#12 AWG
66'-110'	#10 AWG
111'-170'	#8 AWG
171'-270'	#6 AWG
277V CIRCUITS UP TO 16 AMPS	
1-160'	#12 AWG
161'-250'	#10 AWG
251'-390'	#8 AWG
391'-620'	#6 AWG
NOTE: CONTRACTOR SHALL UPSIZE CONDUCTORS PER VOLTAGE DROP SCHEDULE.	

EQUIPMENT 3φ, 3W COPPER CONDUCTOR SCHEDULE				
MOCP SIZE	BREAKER SIZE	CONDUITS NO.-SIZE	PHASE CONDUCTORS PER CONDUIT	GROUND CONDUCTORS PER CONDUIT
0-30A	30A	1-0.75"	3-#10 AWG	1-#10 CU AWG
35-60A	60A	1-1"	3-#6 AWG	1-#10 CU AWG
70-80A	80A	1-1.25"	3-#4 AWG	1-#8 CU AWG
90-100A	100A	1-1.25"	3-#3 AWG	1-#8 CU AWG
110-125A	125A	1-1.5"	3-#1 AWG	1-#6 CU AWG
150A	150A	1-2"	3-#1/0 AWG	1-#6 CU AWG
175A	175A	1-2"	3-#2/0 AWG	1-#6 CU AWG
200A	200A	1-2"	3-#3/0 AWG	1-#6 CU AWG
NOTES: 1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIREMENTS FOR EQUIPMENT PRIOR TO INSTALLATION. 2. FOR EQUIPMENT WITH MOCP EXCEEDING 200A, SIZE PER FEEDER SCHEDULE. 3. VERIFY WITH EQUIPMENT MANUFACTURER IF A NEUTRAL CONDUCTOR IS REQUIRED AND PROVIDE AS NEEDED.				

EQUIPMENT 1φ, 2W COPPER CONDUCTOR SCHEDULE				
MOCP SIZE	BREAKER SIZE	CONDUITS NO.-SIZE	PHASE CONDUCTORS PER CONDUIT	GROUND CONDUCTORS PER CONDUIT
0-30A	30A	1-0.75"	2-#10 AWG	1-#10 CU AWG
35-60A	60A	1-1"	2-#6 AWG	1-#10 CU AWG
70-80A	80A	1-1.25"	2-#4 AWG	1-#8 CU AWG
90-100A	100A	1-1.25"	2-#3 AWG	1-#8 CU AWG
110-125A	125A	1-1.5"	2-#1 AWG	1-#6 CU AWG
150A	150A	1-2"	2-#1/0 AWG	1-#6 CU AWG
175A	175A	1-2"	2-#2/0 AWG	1-#6 CU AWG
200A	200A	1-2"	2-#3/0 AWG	1-#6 CU AWG
NOTES: 1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIREMENTS FOR EQUIPMENT PRIOR TO INSTALLATION. 2. FOR EQUIPMENT WITH MOCP EXCEEDING 200A, SIZE PER FEEDER SCHEDULE. 3. VERIFY WITH EQUIPMENT MANUFACTURER IF A NEUTRAL CONDUCTOR IS REQUIRED AND PROVIDE AS NEEDED.				

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STPSB Project No. 2511

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E001-P0

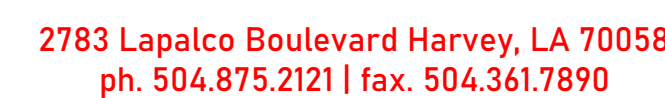
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Distribution Panel: MDP

Location:
Supply From:
Mounting: Surface
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kA
Mains Type: MCB
Mains Rating: 1200 A
MCB Rating: 1200 A

General Notes:

A. LOADS SHOWN ARE BASED OFF OF PRELIMINARY MODULAR BUILDING DRAWINGS AND ARE APPROXIMATE.

CKT	Circuit Description	Notes	Trip	Poles	A	B	C	Poles	Trip	Notes	Circuit Description	CKT
1	CR1		125 A	2	11980 VA	11982 VA		2	125 A		CR7	2
3	--		--	--		11740 VA	11742 VA	--	--	--		4
5	CR2		125 A	2			11980 VA	11982 VA	2	125 A	CR8	6
7	--		--	--	11740 VA	11742 VA		--	--	--		8
9	CR3		125 A	2		11980 VA	11982 VA	2	125 A		CR9	10
11	--		--	--			11740 VA	11742 VA	--	--	--	12
13	CR4		125 A	2	11980 VA	11982 VA		2	125 A		CR10	14
15	--		--	--		11740 VA	11742 VA	--	--	--		16
17	CR5		125 A	2			11980 VA	11982 VA	2	125 A	CR11	18
19	--		--	--	11740 VA	11742 VA		--	--	--		20
21	CR6		125 A	2		11980 VA	11982 VA	2	125 A		CR12	22
23	--		--	--			11740 VA	11742 VA	--	--	--	24
25	PBR		100 A	2	9944 VA	11295 VA		2	100 A		PCH	26
27	--		--	--		9124 VA	8655 VA	--	--	--		28
29	PBD		200 A	2			19949 VA	0 VA	2	125 A	Spare	30
31	--		--	--	17309 VA	0 VA		--	--	--		32
33	Canopy Lighting		20 A	1		278 VA	0 VA	2	125 A		Spare	34
35	Spare		100 A	2			0 VA	0 VA	--	--		36
37	--		--	--	0 VA	0 VA		3	60 A	1	SPD	38
39	Spare		200 A	2		0 VA	0 VA	--	--	--		40
41	--		--	--			0 VA	0 VA	--	--	--	42

Total Load: 133434 VA
Total Amps: 1114 A 941 A 959 A

Circuit Notes:

1. PROVIDE INTEGRAL SPD. COORDINATE SIZE WITH MANUFACTURER.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	211228 VA	100.00%	211228 VA	
Lighting	10518 VA	100.00%	10518 VA	Total Conn. Load: 361196 VA
Power	71500 VA	100.00%	71500 VA	Total Est. Demand: 333721 VA
Receptacle	65950 VA	57.58%	37975 VA	Total Conn. Current: 1003 A
				Total Est. Demand Current: 926 A

MODULARS ELECTRICAL RISER DIAGRAM KEYNOTES

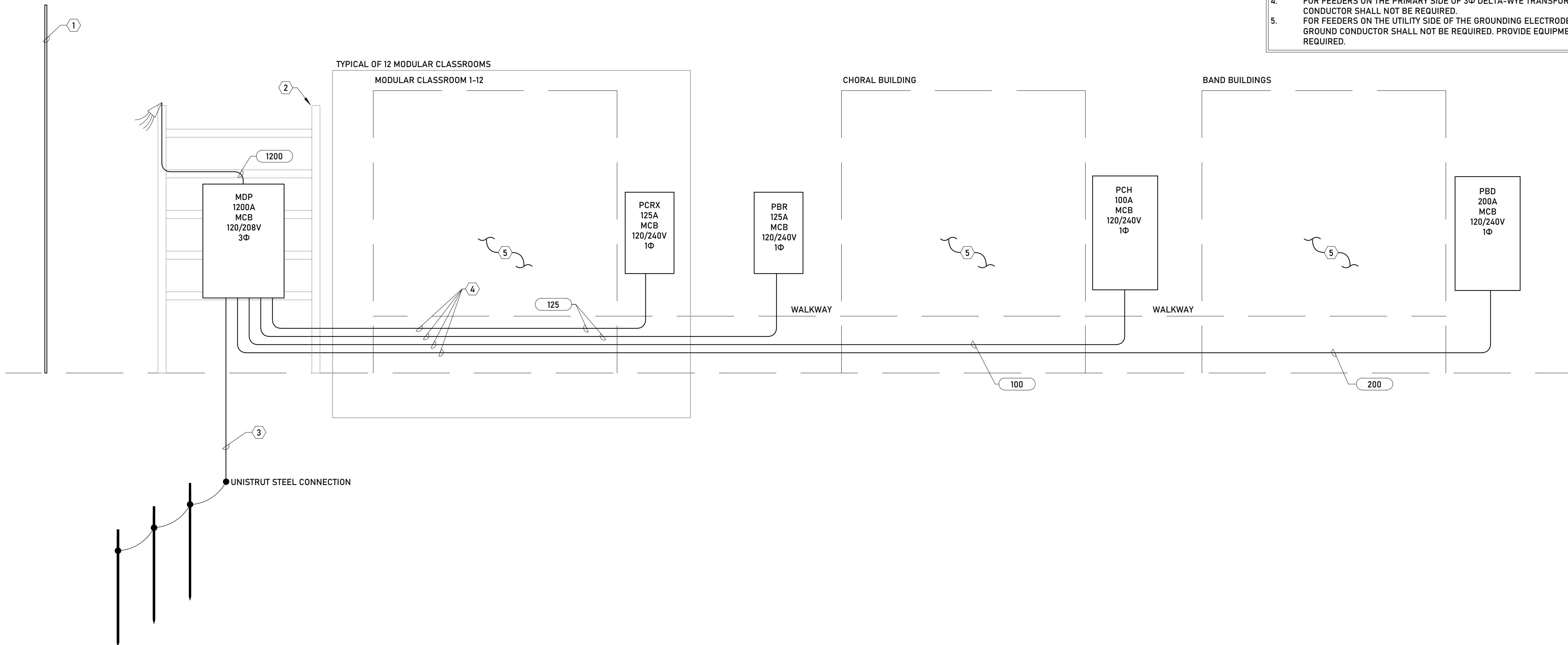
KEY VALUE	DESCRIPTION
1	NEW 208V, 3P UTILITY TRANSFORMER MOUNTED TO NEW POLE.
2	PROVIDE GALVANIZED UNISTRUT FOR RIGID SUPPORT OF PANEL.
3	#1/0 AWG GROUNDING ELECTRODE CONDUCTOR ROUTED TO THREE (3) 3/4" X 10" COPPER-BONDED GROUND RODS. DRIVEN A MINIMUM OF SIX FEET APART. PROVIDE #1/0 AWG BARE COPPER BETWEEN RODS. MINIMUM OF 18" BELOW GRADE. CONNECT TO UNISTRUT RACK STEEL. CONNECT #1/0 AWG GROUND (IN CONDUIT SLEEVE WITH BUSHING) TO NEUTRAL BUS IN DISCONNECT. BOND NEUTRAL TO GROUND WITH #1/0 AWG GROUND. INSTALLATION SHALL BE PER NEC.
4	ALL CONDUITS SHALL BE PROPERLY SUPPORTED AND FASTENED TO UNDERSIDE OF WALKWAY. CONTRACTOR SHALL PROVIDE PRESSURE TREATED WOOD FOR UNISTRUT TO BE FASTENED BETWEEN THE WALKWAY AND EACH MODULAR. PRESSURE TREATED WOOD SHALL BE SECURELY STAKED TO THE GROUND.
5	GROUND BUILDING PER NEC.

FEEDER SCHEDULE COPPER CONDUCTORS

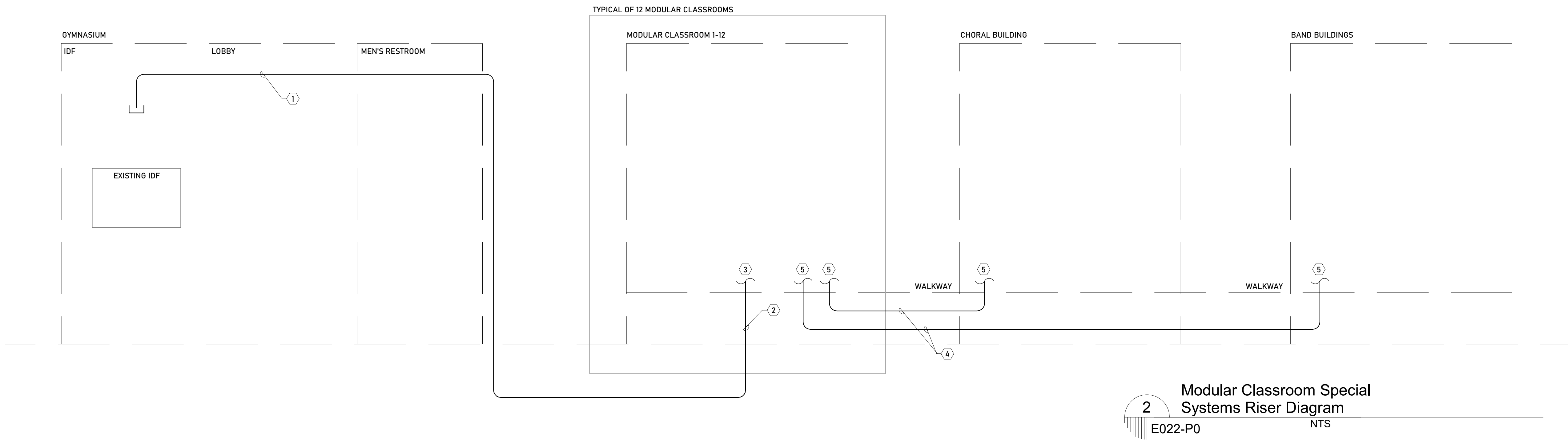
FEEDER NO.	CONDUITS NO.-SIZE	PHASE CONDUCTORS PER CONDUIT	NEUTRAL CONDUCTORS PER CONDUIT	GROUND CONDUCTORS PER CONDUIT
20	1-0.75"	3-#12 AWG	1-#12 AWG	1-#12 CU AWG
25	1-0.75"	3-#10 AWG	1-#10 AWG	1-#10 CU AWG
30	1-0.75"	3-#10 AWG	1-#10 AWG	1-#10 CU AWG
35	1-1"	3-#8 AWG	1-#8 AWG	1-#10 CU AWG
40	1-1"	3-#8 AWG	1-#8 AWG	1-#10 CU AWG
45	1-1"	3-#8 AWG	1-#8 AWG	1-#10 CU AWG
50	1-1"	3-#8 AWG	1-#8 AWG	1-#10 CU AWG
60	1-1"	3-#6 AWG	1-#6 AWG	1-#10 CU AWG
70	1-1.25"	3-#4 AWG	1-#4 AWG	1-#8 CU AWG
80	1-1.25"	3-#4 AWG	1-#4 AWG	1-#8 CU AWG
90	1-1.25"	3-#3 AWG	1-#3 AWG	1-#8 CU AWG
100	1-1.25"	3-#3 AWG	1-#3 AWG	1-#8 CU AWG
110	1-1.5"	3-#2 AWG	1-#2 AWG	1-#6 CU AWG
125	1-1.5"	3-#1 AWG	1-#1 AWG	1-#6 CU AWG
150	1-2"	3-#1/0 AWG	1-#1/0 AWG	1-#6 CU AWG
175	1-2"	3-#2/0 AWG	1-#2/0 AWG	1-#6 CU AWG
200	1-2"	3-#3/0 AWG	1-#3/0 AWG	1-#6 CU AWG
225	1-2.5"	3-#4/0 AWG	1-#4/0 AWG	1-#4 CU AWG
250	1-3"	3-#250 KCMIL	1-#250 KCMIL	1-#4 CU AWG
300	1-3"	3-#350 KCMIL	1-#350 KCMIL	1-#4 CU AWG
350	1-3"	3-#500 KCMIL	1-#500 KCMIL	1-#3 CU AWG
400	1-4"	3-#600 KCMIL	1-#600 KCMIL	1-#3 CU AWG
600	2-3"	3-#350 KCMIL	1-#350 KCMIL	1-#1 CU AWG
800	2-4"	3-#600 KCMIL	1-#600 KCMIL	1-#1/0 CU AWG
1000	3-4"	3-#500 KCMIL	1-#500 KCMIL	1-#2/0 CU AWG
1200	3-4"	3-#600 KCMIL	1-#600 KCMIL	1-#3/0 CU AWG
1600	4-4"	3-#600 KCMIL	1-#600 KCMIL	1-#4/0 CU AWG
2000	5-4"	3-#600 KCMIL	1-#600 KCMIL	1-#250 CU KCMIL
2500	6-4"	3-#600 KCMIL	1-#600 KCMIL	1-#350 CU KCMIL
3000	8-4"	3-#500 KCMIL	1-#500 KCMIL	1-#400 CU KCMIL
4000	10-4"	3-#600 KCMIL	1-#600 KCMIL	1-#500 CU KCMIL

FEEDER SCHEDULE NOTES:

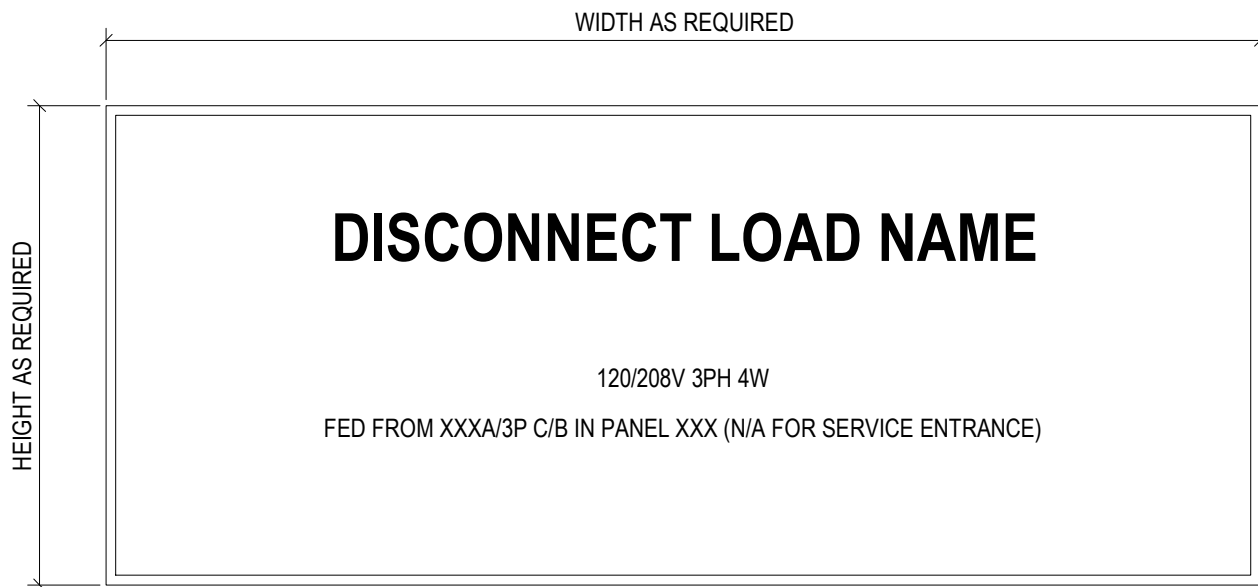
- CONTRACTOR SHALL REVIEW RISER DIAGRAM AND PROVIDE CORRECT NUMBER AND TYPE OF CONDUCTORS FOR FEEDERS AS REQUIRED PER NEC.
- CONTRACTOR SHALL COORDINATE VOLTAGE DROP OF FEEDERS WITH ROUTING IN FIELD AND INCREASE SIZE OF FEEDERS AS REQUIRED PER NEC.
- FOR 1Ø 3W FEEDERS, PROVIDE TWO PHASE CONDUCTORS, ONE NEUTRAL CONDUCTOR, AND ONE GROUND CONDUCTOR.
- FOR FEEDERS ON THE PRIMARY SIDE OF 3Ø DELTA-WYE TRANSFORMERS, A NEUTRAL CONDUCTOR SHALL NOT BE REQUIRED.
- FOR FEEDERS ON THE UTILITY SIDE OF THE GROUNDING ELECTRODE CONDUCTOR, A GROUND CONDUCTOR SHALL NOT BE REQUIRED. PROVIDE EQUIPMENT GROUNDING AS REQUIRED.



SPECIAL SYSTEMS RISER DIAGRAM KEYNOTES	
NUMBER	DESCRIPTION
1	PROVIDE 5-2" CONDUIT AND CABLING FOR MODULAR IDF, FIRE ALARM, INTRUSION, INTERCOM SYSTEMS, AND SPARE CONDUIT WITH PULLSTRING FOR FUTURE USE.
2	ALL CONDUITS SHALL BE PROPERLY SUPPORTED AND FASTENED TO UNDERSIDE THE WALKWAY. CONTRACTOR SHALL PROVIDE PRESSURE TREATED WOOD FOR UNI-STRUT TO BE FASTENED IN-BETWEEN THE WALKWAY AND EACH MODULAR. PRESSURE TREATED WOOD SHALL BE SECURELY STAKED TO THE GROUND.
3	ROUTE CONDUIT AND CABLING AS REQUIRED TO CONNECT TO NEW IDF, FIRE ALARM, INTRUSION, AND INTERCOM SYSTEMS. STUB AND CAP SPARE CONDUIT WITH PULLSTRING.
4	PROVIDE 1-2" CONDUIT AND CABLING FOR BAND AND CHORAL BUILDINGS IDF, FIRE ALARM, INTRUSION, AND INTERCOM SYSTEMS. INCLUDE 1-2" SPARE CONDUIT WITH PULLSTRING FOR FUTURE USE.
5	ROUTE CONDUIT AND CABLING AS REQUIRED TO CONNECT BAND AND CHORAL BUILDING SPECIAL SYSTEM DEVICES TO SPECIAL SYSTEMS AT MODULAR CLASSROOM BUILDING. ROUTE SYSTEMS IN SEPARATE DEDICATED CONDUITS. STUB AND CAP SPARE CONDUIT WITH PULLSTRING.



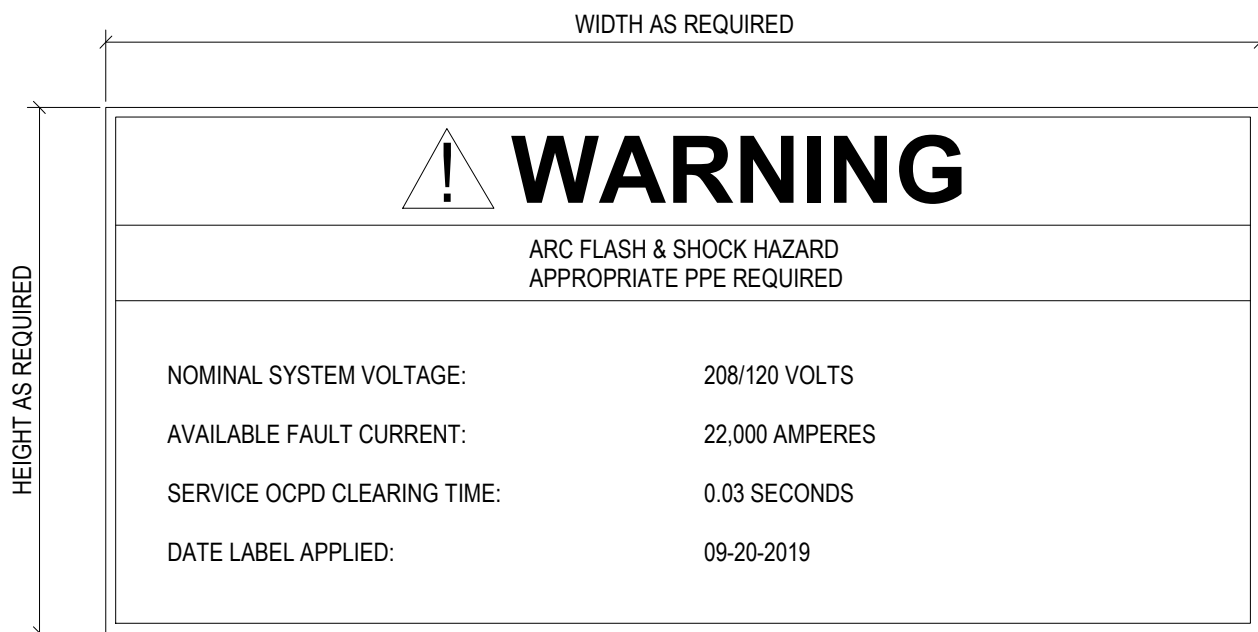
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NOTES:

1. ENGRAVED PLASTIC TAG WITH SMOOTH, BEVELED EDGES, PERMANENTLY AFFIXED USING ADHESIVE BACKING. LABEL SHALL BE CLEARLY VISIBLE, OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED, AND SHALL NOT BE HANDWRITTEN.
2. DISCONNECT LOAD NAME SHALL BE REQUIRED ON EVERY DISCONNECTING MEANS. IN OTHER THAN ONE- OR TWO- DWELLING UNITS, THE TAG SHALL INCLUDE THE IDENTIFICATION OF THE CIRCUIT SOURCE.

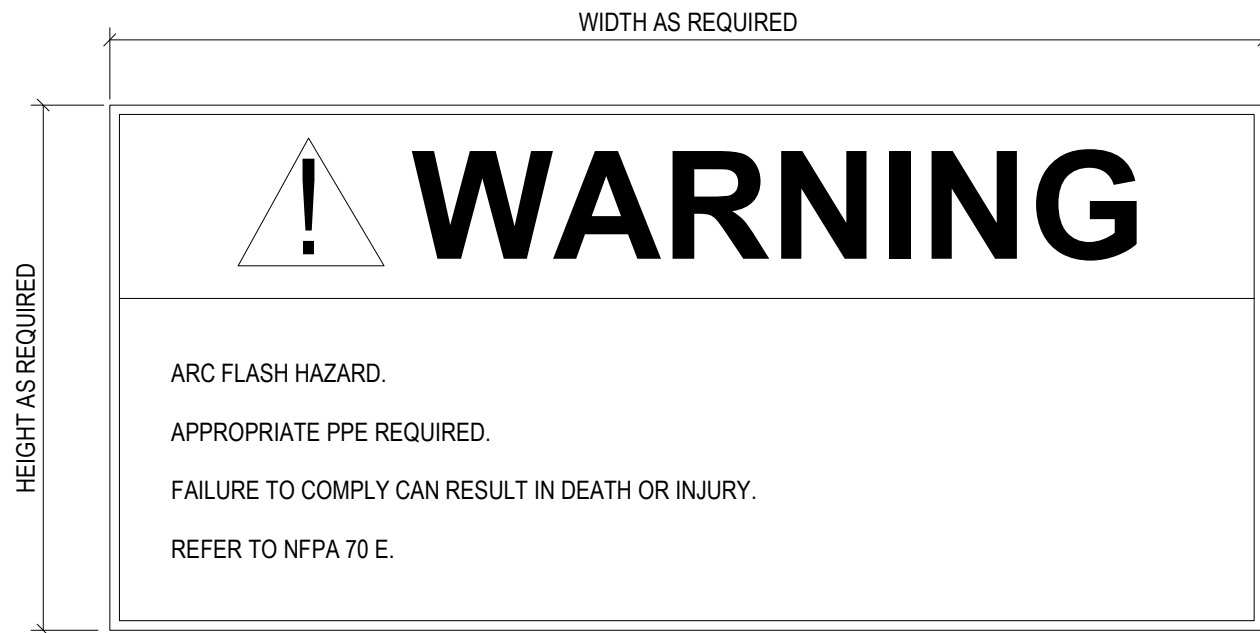
1 ENGRAVED PLASTIC TAG - DISCONNECT - MODULAR
E030-P0 NTS



NOTES:

1. ENGRAVED PLASTIC TAG WITH SMOOTH, BEVELED EDGES, PERMANENTLY AFFIXED USING ADHESIVE BACKING. LABEL SHALL WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS, SYMBOLS, OR ANY COMBINATION THEREOF. LABEL SHALL BE CLEARLY VISIBLE, OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED, AND SHALL NOT BE HANDWRITTEN.
2. ADDITIONAL ARC FLASH LABEL SHALL BE REQUIRED AT ALL ELECTRICAL EQUIPMENT RATED 1200 AMPS OR MORE THAT IS IN OTHER THAN DWELLING UNITS.

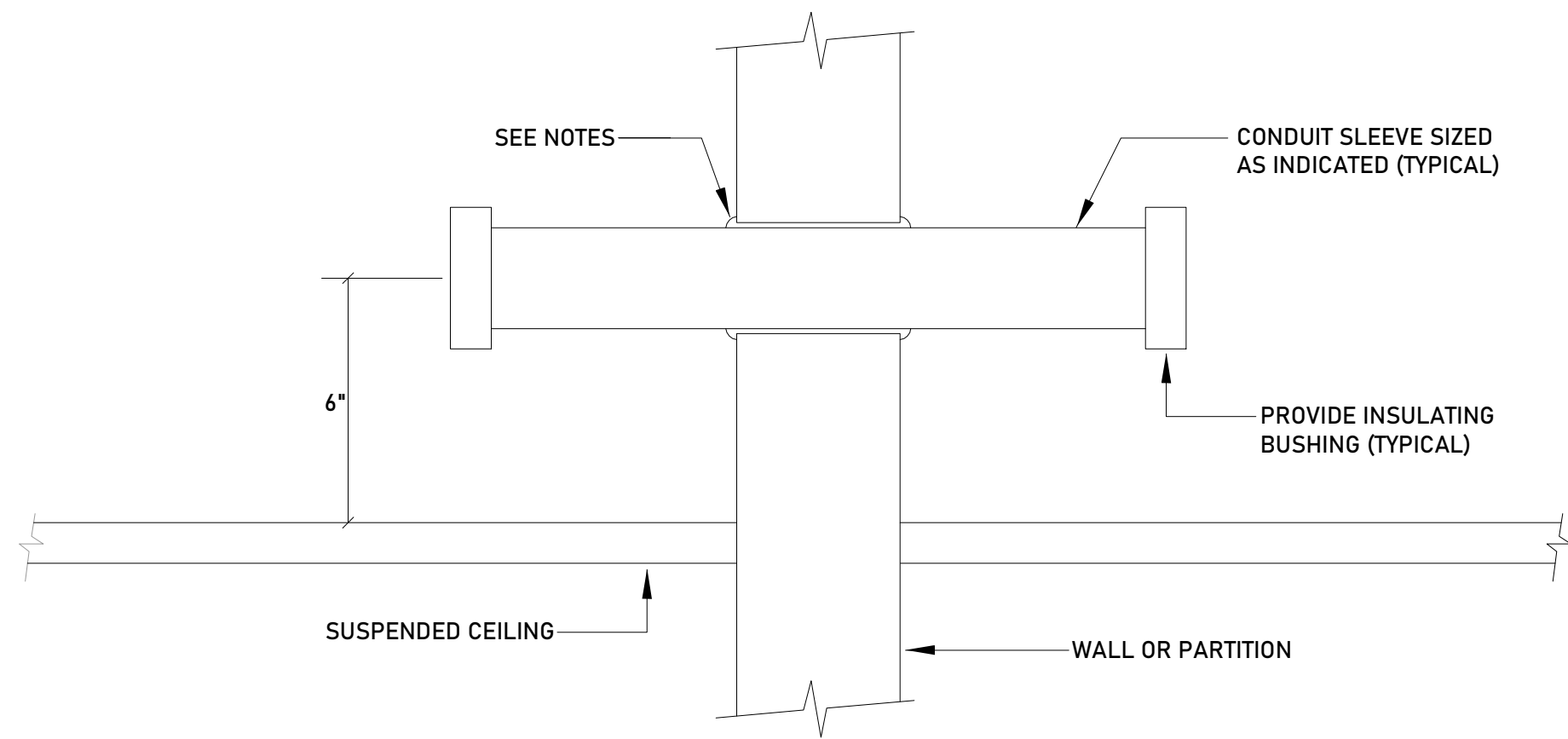
4 ADDITIONAL ARC FLASH LABEL - MODULAR
E030-P0 NTS



NOTES:

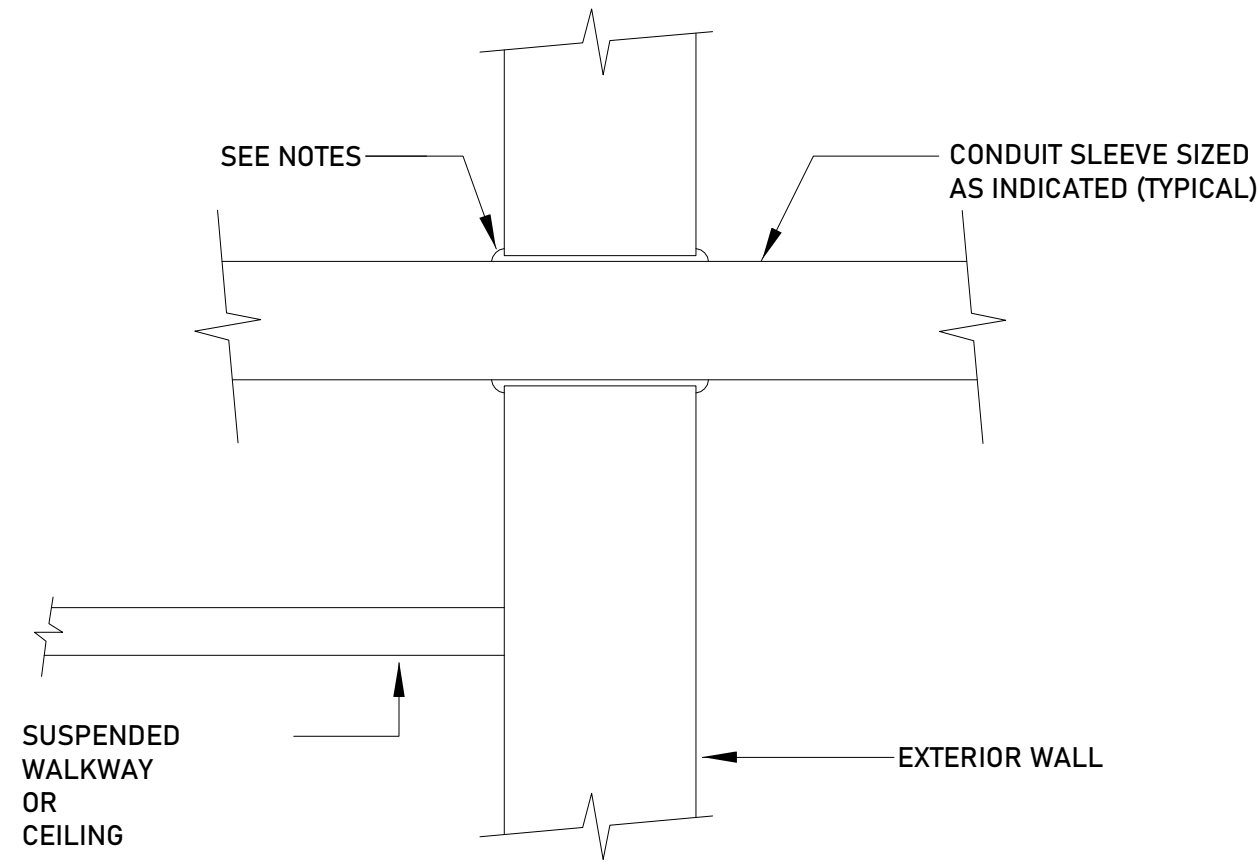
1. ENGRAVED PLASTIC TAG WITH SMOOTH, BEVELED EDGES, PERMANENTLY AFFIXED USING ADHESIVE BACKING. LABEL SHALL WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS, SYMBOLS, OR ANY COMBINATION THEREOF. LABEL SHALL BE CLEARLY VISIBLE, OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED, AND SHALL NOT BE HANDWRITTEN.
2. ARC FLASH LABEL SHALL BE REQUIRED AT ALL ELECTRICAL EQUIPMENT OTHER THAN DWELLING UNITS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

2 ARC FLASH LABEL - MODULAR
E030-P0 NTS



NOTES:

1. PROVIDE FIRE PROOFING AROUND CONDUIT SLEEVE AND IN SLEEVE AFTER INSTALLATION OF TELECOMMUNICATIONS CABLES FOR PENETRATIONS



NOTES:

1. PROVIDE MATERIAL TO INFILL TO MATCH THE SURROUNDING AREA. FIELD VERIFY EXISTING CONDITIONS AND FINISH.

5 TYPICAL EXTERIOR WALL CONDUIT PENETRATION DETAIL - MODULAR
E030-P0 NTS



NOTES:

1. ENGRAVED PLASTIC TAG WITH SMOOTH, BEVELED EDGES, PERMANENTLY AFFIXED USING ADHESIVE BACKING. LABEL SHALL BE CLEARLY VISIBLE, OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED, AND SHALL NOT BE HANDWRITTEN.
2. PANELBOARD/SWITCHBOARD NAME, VOLTAGE, PHASE, AND WIRE COUNT; CURRENT RATING; AND AVAILABLE FAULT CURRENT SHALL BE REQUIRED ON EVERY PANELBOARD/SWITCHBOARD. IN OTHER THAN ONE- OR TWO- DWELLING UNITS, THE TAG SHALL INCLUDE THE IDENTIFICATION OF THE CIRCUIT SOURCE.

3 ENGRAVED PLASTIC TAG - PANELBOARD/SWITCHBOARD - MODULAR
E030-P0 NTS



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sheet no.

E030-P0

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