



September 8, 2023

Project Name: Pearl Fire Stations

Project Number: 22-099 & 22-108

ADDENDUM NO. 03

NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

GENERAL

- ITEM NO. 01 **Owner-Purchased Generators**
Generators for both buildings will be purchased by the Owner.
Installation of both generators shall be performed by the Contractor.

SPECIFICATIONS

- ITEM NO. 02 **00.1113 Advertisement for Bids**
REPLACE the Advertisement for Bids with the attached **revised 00.1113 Advertisement for Bids.**
Clarification: The Revised Advertisement matches the published bid advertisement and the Advertisement posted on Central Bidding and Jackson Blueprint's website. The version included in the original Project Manual was incorrect. The corrected version indicates that online bidding will be allowed through www.centralbidding.com
- ITEM NO. 03 **01.1200 Allowances**
REPLACE the Allowances Section with the attached **revised 01.2100 Allowances.**
Clarification: The Revised Section includes an allowance for Signage.
- ITEM NO. 04 **09.5100 Acoustical Ceilings**
Part 2, Paragraph 3B, Item 1
REVISE item 1 to read as follows: *Profile: Tee; 15/16 inch (24mm) wide with rolled cap.*
- ITEM NO. 05 **10.7315 Architectural Metal Canopies**
REPLACE the Architectural Metal Canopies section with the attached **revised 10.7315 Architectural Metal Canopies.**
Clarification: The Revised Section includes product information for the post-supported canopies (Alternates 2 & 3) and also provides clarifications regarding the cantilevered metal canopies.



DRAWINGS

- ITEM NO. 06 **A010 Site Plan & Site Details - Central Fire Station**
REPLACE Sheet A010 with the attached **Revised Sheet A010**.
Clarification: Revised sheet includes typical Fire Truck Bay trench details. Typical detail is applicable to trench drains in Station 5 also. Sheet revisions also include updated site plan with corrected Civil background and louver model information for mechanical screen yard.
- ITEM NO. 07 **A020 Site Plan & Site Details - Fire Station #5**
REPLACE Sheet A020 with the attached **Revised Sheet A020**.
Clarification: Sheet revisions include updated site plan with corrected Civil background and louver model information for mechanical screen yard.
- ITEM NO. 08 **A801 Typical Casework Details**
REPLACE Sheet A801 with the attached **Revised Sheet A801**.
Clarification: Sheet revisions include addition of bracket information to details 11 and 12.
- ITEM NO. 09 **S001 Structural General Notes**
REPLACE Sheet S001 with the attached **Revised Sheet S001**.
Clarification: Sheet revises structural sheet list to include added sheet S113.
- ITEM NO. 10 **S110 Foundation Plan - Central Station**
REPLACE Sheet S110 with the attached **Revised Sheet S110**.
Clarification: Sheet revisions include foundation/slab information for patio slab and mechanical yard slab.
- ITEM NO. 11 **S113 Partial Foundation Plan - Central Station**
ADD Sheet S0113 in its entirety.
Clarification: New sheet S113 provides foundation and slab information for trash enclosure and generator slab at Central Fire Station. Sheet also includes retaining wall information.
- ITEM NO. 12 **S120 Foundation Plan - Station 5**
REPLACE Sheet S120 with the attached **Revised Sheet S120**.
Clarification: Sheet revisions include foundation/slab information for patio slab, mechanical enclosure, and generator pad.
- ITEM NO. 13 **E000 Electrical Legend**
REPLACE Sheet E000 with the attached **Revised Sheet E000**.
Clarification: Sheet revisions include updates to the electrical receptacles legend.



- ITEM NO. 14 **E002 Electrical Legend**
REPLACE Sheet E000 with the attached **Revised Sheet E002**.
Clarification: Sheet revisions include updates to the electrical panels PA-SEC. 2 and PB - Sec. 2 for inclusion of lighted signage.
- ITEM NO. 15 **E210 Power Plan - First Floor - Central Fire Station**
REPLACE Sheet E210 with the attached **Revised Sheet E210**.
Clarification: Sheet revisions include addition of power requirements for exterior signage and updated information regarding the cord reels.
- ITEM NO. 16 **E220 Power Plan - First Floor - Fire Station #5**
REPLACE Sheet E220 with the attached **Revised Sheet E220**.
Clarification: Sheet revisions include addition of power requirements for exterior signage and updated information regarding the cord reels.

Encl: **RFIs:** WBA RFI Log, dated September 8, 2023
 Specifications (8.5x11): 00.1113, 01.1200, 10.7315
 Drawings (24x36): A010, A020, A801, S001, S110, S113, S120, E000, E010, E210, E220

Cc: All document holders
 File : 22-099/C/C2

RFI LOG - BIDDING

PROJ NAME: Pearl Fire Stations

PROJ #: 22-099 & 22-108

DATE: September 8, 2023 (Issued with responses as part of Addendum 03)



RFI #	DESCRIPTION	DATE RECEIVED	RECEIVED FROM	REMARKS
1	Can we have one job trailer at Central Fire station to accommodate the 6 people for project meetings and a connex with office at Station #5 or are 2 trailers with meeting spaces required?	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	A single job trailer is permissible for the Project. Contractor may locate trailer at job site of their choosing for Project meetings. A connex with office space for Contractor personnel is permissible at the second job site.
2	"Spec section 10.1400 1 states cash allowance for signs. There is no signage allowance mentioned in section 1.2100. Will the fire department shield signs, and building identification signs be covered by the contingency allowance?"	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Signage allowance has been updated via Addendum 3.
3	Please provide a detail for the trench drain shown on A110 and A120. Section is shown on S120 but says see arch for dimensions. Also don't see the frame or grate specified	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Trench drain detail provided in revised AXXX issued via Addendum 3.
4	Please provide details and spec for the post supported canopies in the alternates. The lumishade canopy specified in section 10 appears to only be the cantilevered canopies. I do not see column details, footing details, etc.	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Updated Spec Section 10.7315 is included in Addendum 3.
5	Retaining wall note on A010 says refer to civil and structural. Sheet C210 says see structural plans. I do not see the wall mentioned in the structural plans. Please provide details.	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Structural details for retaining wall provided via Addendum 3.
6	Sheet A010 Louver in the electrical equipment yard is not visible in the South, West, or North Elevations. Please provide location and details.	6-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	See Addendum 02, issued on 9/1/2023.
7	Will electronic bidding be permitted?	6-Sep-23	Ken Taylor, Probity Contracting Group	Yes. Electronic Bids will be accepted through www.centralbidding.com A corrected copy of the Advertisement for Bids is included in Addendum 3 and indicates that electronic bids will be permitted.
8	The site plans show a retaining wall on Sheet C210 and says See Structural and there is nothing in the structural about a retaining wall. Also the Arch and Civil Drawing show Dumpster Enclosures and there is no details for the foundations or the walls. Please provide	23-Aug-23	Cecil Mason, Flagstar Construction	Addendum 2 (issued 9/1/23) included detailed information about the Dumpster Enclosures and Mechanical Yard Enclosures. Addendum 3 includes the requested structural information.
9	The 2 canopies for the alternates you do not show any detail for them either. Is there a slab under them or what???	23-Aug-23	Cecil Mason, Flagstar Construction	Post-supported canopies are specified via Section 10.7315, updated via Addendum 3. Slab details are included in Addendum 3 structural updates.
10	Spec section 26.43.00-1.1.A Calls for a Surge Protective Device, but this is not shown on the drawings. Please advise if this is needed and where to locate them for each station.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Provide a Type 2A SPD in the main panel of each building.
11	A010 Site Plan – Central Fire Station – This drawing has a note that the Gas Generator is "owner Purchased / Contractor Installed, Please advise if this correct. A020 Site Plan – Fire Station #5 – This drawing has a note that the Gas Generator is "owner Purchased / Contractor Installed, Please advise if this correct.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	This is correct. See Addendum 3.

12	E001 Electrical Site Plan – The one line diagram for the Central Fire Station shows to have an 80KW Generator, but Spec Station 26.32.14 show this being a 100KW. Please advise which is correct.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Specifications are correct
13	Spec Section 28.23.01-1.1 – Says to provide a complete cabling system for the owner installed camera in accordance with this specification and the contract drawings. Please advise where the cameras are located on the drawings."	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Cameras shall be installed at Central Station only. Locations are indicated on Sheet E003
14	PLAM 4 IS CALLED OUT AS FORMICA SARUM GREY, COLOR CORE. THIS COLOR IS NOT AVAILABLE IN COLOR CORE. WOULD YOU LIKE TO CHOOSE ANOTHER COLOR CORE COLOR OR PROCEED WITH SARUM GREY LAMINATE.' Please advise."	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Use Sarum Gray standard laminate.
15	What type of PVC is needed for the 3" and 2.5" water line?	7-Sep-23	Toby Chappell, Southern Pipe & Supply	Tyle shall be SDR13.5 PVC
16	Are the water meters going to be provided by the city?	7-Sep-23	Toby Chappell, Southern Pipe & Supply	The City will provide meters
17	What size water meter is on the 2.5" line?"	7-Sep-23	Toby Chappell, Southern Pipe & Supply	Meter size will likely be either 2" or 2.5" depending on flow.
18	There are multiple rooms, mainly truck bays, on the finish schedule that have the floor finish as CONC-1 (sealed concrete). Comments column says unsealed concrete. Please verify that sealer is not required in these locations.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Confirmed. Sealer is not required in the following spaces: Central Fire Station: 133 Storage, 140 Truck Bay, 141 Bay 1, 142 Bay 2, 143 Bay 3 Fire Station 5: 114 Elec, 122 Truck Bay, 123 Bay 1, 124 Bay 2, 129 Tool Room
19	ELEVATION 13/A720 SHOWS WHAT SEEMS TO BE SOME TYPE OF SMALL BRACKET FOR THE FLOATING SHELVES. PLEASE CLARIFY WHAT TYPE OF BRACKET THIS IS. WE TYPICALLY USE THE SHEPPARD BRACKET FOR FLOATING SHELVES. https://www.sheppardbrackets.com "	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Basis of Design for Brackets is the "24" Heavy-Duty Hybrid Bracket" as manufactured by A&M Hardware (www.aandmhardware.com), or approved equal. See updated detail on A801, revised via Addendum 3. Note: Brackets shall be provided in the Turnout Rooms of <u>both</u> fire stations: Central Station Room 138, Station 5 Room 120 See interior elevations 10, 11, & 12/A710 and 12 & 13/A720.
20	There appear to be trees/vegetation shown on drawings A010 and A020 but there aren't landscape drawings or specs to identify what is required. There is however a seeding specification. Will landscaping & seeding be a part of this scope of work? Also, will there be any irrigation included in the site plans?	7-Sep-23	Andrew Merriman, Richard Womack Construction	Trees/vegetation are included for Owner's future reference. No landscaping or irrigation are included in the Project. Establishment of grass at all areas of disturbed earth shall be included in the Contractor's scope.
21	clarify acoustical spec please. Paragraph 1.A.2 says 15/16" grid then paragraph 3.B.1 says 9/16" grid. This does affect price.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Use 15/16" Spec revised via Addendum 3
22	On the appliances: [A] Ice machine on schedule at central but not at #5. Each station has room labeled ice and what appears to be a square for the ice machine. Assume 1 at each station? [B] Washer and Dryer not on schedule for station #5 but 1 shown on plans. Assume 1 of each at both stations? [C] Extractor not on schedule for station 5 but 1 shown on plans. Assume same model as is at Central?	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	The Appliance schedules are correct. Washer/Dryer, Extractor, and Ice Machine will be provided by the Owner for Station 5.
23	Station 5 shows a hashed circle and 10 gal. trash can. Central Station shows a hashed circle. Assume N.I.C.?	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Yes; 10 gallon trash cans are N.I.C.
24	Data Rack shown on plans but not specified in project manual or addendum 1. Is this N.I.C., Casework, or Div 27-28? If we are to provide, please specify.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Provide as specified in Spec section 273000, paragraph 2.10
25	The same oil/water separator (OW-1) is spec'd at both stations. The quote we received for each of these is 10x more expensive than the oil/water separator that is twice the size that we are currently installing for Centerpoint Energy in Pearl. Please verify that we are to use the same separator at both sites.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Sizes shown are correct.
26	Display cases are shown in both lobbies. I do not see them in the casework drawings. Please verify they are N.I.C.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Central Fire Station: Display case is elevated in drawing 6/A710 (callout is on enlarged plan, same page) Fire Station 5: Display is elevated in drawing 4/A720 (callout is on enlarged plan, same page)

27	Assume Fire Hose Racks and all Exercise equipment including benches and mirror are N.I.C.?	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	Correct.
28	E210 & E220 show Cord Reels, Please advise if we are to provide them. If we are to furnish them, please provide more detail for what is needed.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	See revised electrical drawings, issued via Addendum 3
29	E210 shows a symbol not shown on the electrical legend, are we to assume this is a floor box? Please provide more detail for what type is to be used.	7-Sep-23	Alvin Willey, Thrash Commercial Contractors, Inc.	See revised electrical drawings, issued via Addendum 3
30	Please verify if the following is acceptable for the plastic laminate faced cabinets. Can the cabinets bodies / semi-exposed surfaces be white melamine with a particleboard core with plastic laminate on the exposed surfaces and the doors & drawer front be plastic laminate on a particleboard core.	8-Sep-23	Sherman Dukes, Scanlon-Taylor Millwork	Provide as detailed.
31	Specification sections 06.4100 7.C calls for the door pulls at lockers to be a "U" shaped wire pull, the full height of the door. Per elevation 17/A710 & section 10/A801, these doors are 62" tall. I have researched and the longest wire pull I have found is 20 1/8" by only one manufacturer. There are several manufacturers that have pulls that are 12" (+/-) long. Please advise if one of these lengths are acceptable? If not, please provide the manufacturer, length & part number of the pull that is required.	8-Sep-23	Sherman Dukes, Scanlon-Taylor Millwork	Cabinet pulls should be Black 12" pulls. Equal to Signature Hardware Khoit 12 inch center to center, Door Pull Model:479528
32	Elevations 10,11,12/A710 & 12,13/A720 at Turnout rooms show hooks below the floating shelves. Please provide the manufacturer, part number & finish of the the hook that is required.	8-Sep-23	Sherman Dukes, Scanlon-Taylor Millwork	Hooks in Turnout should be equal to Bobrick B-211 Heavy-duty robe hook shall be one-piece brass casting with satin nickel-plated finish. Hook shall withstand 300-lb (136-kg) downward pull when properly installed.
33	The floating shelves per elevations 10,11,12/A710 & 12,13/A720 at the Turnout rooms show surface mounted brackets. Also, there are floating shelves at the Lobby 100 (6/A710) & Reception 101 (5/A710) & Lobby 101 (4/A720) but brackets / supports are not shown. Please provided manufacturer, part number & finish for the brackets / supports that are required for the floating shelves.	8-Sep-23	Sherman Dukes, Scanlon-Taylor Millwork	See Answer #19 for turnout room bracket info. See updated detail on Revised sheet A801, issued via Addendum 3 for floating shelf bracket info.

Advertisement for Bids

FROM:

1. THE OWNER (HEREINAFTER REFERRED TO AS OWNER):
 - A. The City Of Pearl
 - B. 2420 Old Brandon Road
 - C. Pearl, MS 39208
2. AND THE ARCHITECT (HEREINAFTER REFERRED TO AS ARCHITECT):
 - A. Wier Boerner Allin Architecture, PLLC
 - B. 2727 Old Canton Road, Suite 200
 - C. Jackson, MS 39216
3. **DATE: THURSDAY, SEPTEMBER 14, 2023**
4. TO: POTENTIAL BIDDERS
 - A. Your firm is invited to submit an offer under seal to Owner for construction of Central Fire Station and Station No. 5 located at 1234 Story Brook Ln. Pearl MS 39208 and 1 Career Center Blvd. Pearl MS 39208. before 2:00 pm local standard time on the 14th day of September, 2023, for the following project:
 - B. Project Description: Complete construction of two new fire stations complete with sitework, concrete foundations, metal building structure and partial enclosure, masonry veneer, interior finishes and mechanical, plumbing and electrical systems.
 - C. Contract Documents may be obtained for viewing and purchase at:
 1. Jackson Blueprint: www.planroom.jaxblue.com
 - a. All interested bidders are required to have a valid email address for registration and ordering. Printing costs shall be the responsibility of the bidder.
 2. Central Bidding: www.centralbidding.com
 - a. The Contractor shall be responsible for all printing and distribution to subcontractors, suppliers and installers.
 - D. Electronic Bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.
 - E. Bidders will be required to provide Bid security in the form of a Bid Bond or certified check for a sum no less than 5 percent of the base bid, payable to the City of Pearl.
 - F. Refer to other bidding requirements described in Document 00.2113 - Instructions to Bidders .
 - G. Bids shall be submitted on the form to be furnished by the Architect.
 - H. Your offer will be required to be submitted under a condition of irrevocability for a period of 60 days after submission.
 - I. The Owner reserves the right to accept or reject any or all offers.
5. SIGNATURE
 - A. For: The City of Pearl
 - B. By: Jake Windham, Mayor
6. DATES OF PUBLICATION:
 - A. 1st advertisement: Wednesday, August 16, 2023
 - B. 2nd advertisement: Wednesday, August 23, 2023

END OF BID SOLICITATION

PART 1 GENERAL

1. SECTION INCLUDES
 - A. Cash allowances.
 - B. Contingency allowance.
 - C. Payment and modification procedures relating to allowances.
2. RELATED REQUIREMENTS
 - A. Section 01.2000 - Price and Payment Procedures: Additional payment and modification procedures.
3. CASH ALLOWANCES
 - A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, including product delivery to site and handling at the site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing, less applicable trade discounts , less Overhead, Profit, Bond and Insurance costs associated with cash allowances. Overhead, Profit, Bond and Insurance costs shall be included in Base Bid costs in addition to the related cash allowances..
 - B. Architect Responsibilities:
 1. Consult with Contractor for consideration and selection of products, suppliers , and installers.
 2. Select products in consultation with Owner and transmit decision to Contractor.
 3. Prepare Change Order at Project Closeout to adjust Contract Sum for un-used allowance amounts.
 - C. Contractor Responsibilities:
 1. Assist Architect in selection of products, suppliers , and installers.
 2. Advise the Architect of dates when final selection and purchase associated with allownaces must be completed to avoid delay of work.
 3. Obtain proposals from suppliers and installers and offer recommendations.
 4. Submit proposals for Architects review and approval prior to purchase.
 5. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
 6. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 7. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
 8. At the direction of the Architect, return unsued materials to manufacturer or supplier for credit, prepare unsued materials for stroage by Owner, or dispose of unused materials at the Contractor's expense.
 - D. Differences in costs will be adjusted by Change Order prior to closeout.
4. CONTINGENCY ALLOWANCE
 - A. Contractor's costs for products, delivery, installation, labor, and equipment rental, will be included in Change Orders authorizing expenditure of funds from this Contingency Allowance. Overhead, Profit, Bond and Insurance costs shall be included in Base Bid costs in addition to the contingency allowance.
 - B. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.
5. ALLOWANCES SCHEDULE
 - A. Contingency Allowance: Include the stipulated sum/price of \$300,000.00 for use upon Architect's and/ or Owner's instructions.
 - B. Division26.0000 Electrical Systems: Include the stipulated sum of \$25,000.00 for Utility Company charges associated with permanent power to the Pearl Central Fire Station.

- C. Section 26.0000 Electrical Systems: Include the stipulated sum of \$25,000 for Utility Company charges associated with permanent power to Pearl Fire Station #5
- D. Section 10.1400 Signage: Include the stipulated sum of \$50,000.00 for the following:
 - 1. Exterior Dimensional Signage, as shown in the drawings
 - 2. Fire Station Shield Signage, as detailed in the drawings
 - 3. Room signage **is not** included in the Allowance. See Section 10.1400 for additional signage requirements.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

ARCHITECTURAL METAL CANOPIES

PART 1 - GENERAL

1. RELATED DOCUMENTS
 - A. Drawings and General Provisions of Contract, including General and Supplementary Conditions and other Divisions 1 Specification Sections, apply to this Section.
2. DESCRIPTION OF WORK
 - A. The work required under this Section includes furnishing and installation of roll-formed aluminum, overhead hanger-rod-style canopies.
3. SUBMITTALS
 - A. In accordance with Section 01300 furnish manufacturer's literature and shop drawings, including installation instructions, all applicable details and rough openings required.

PART 2 - PRODUCTS

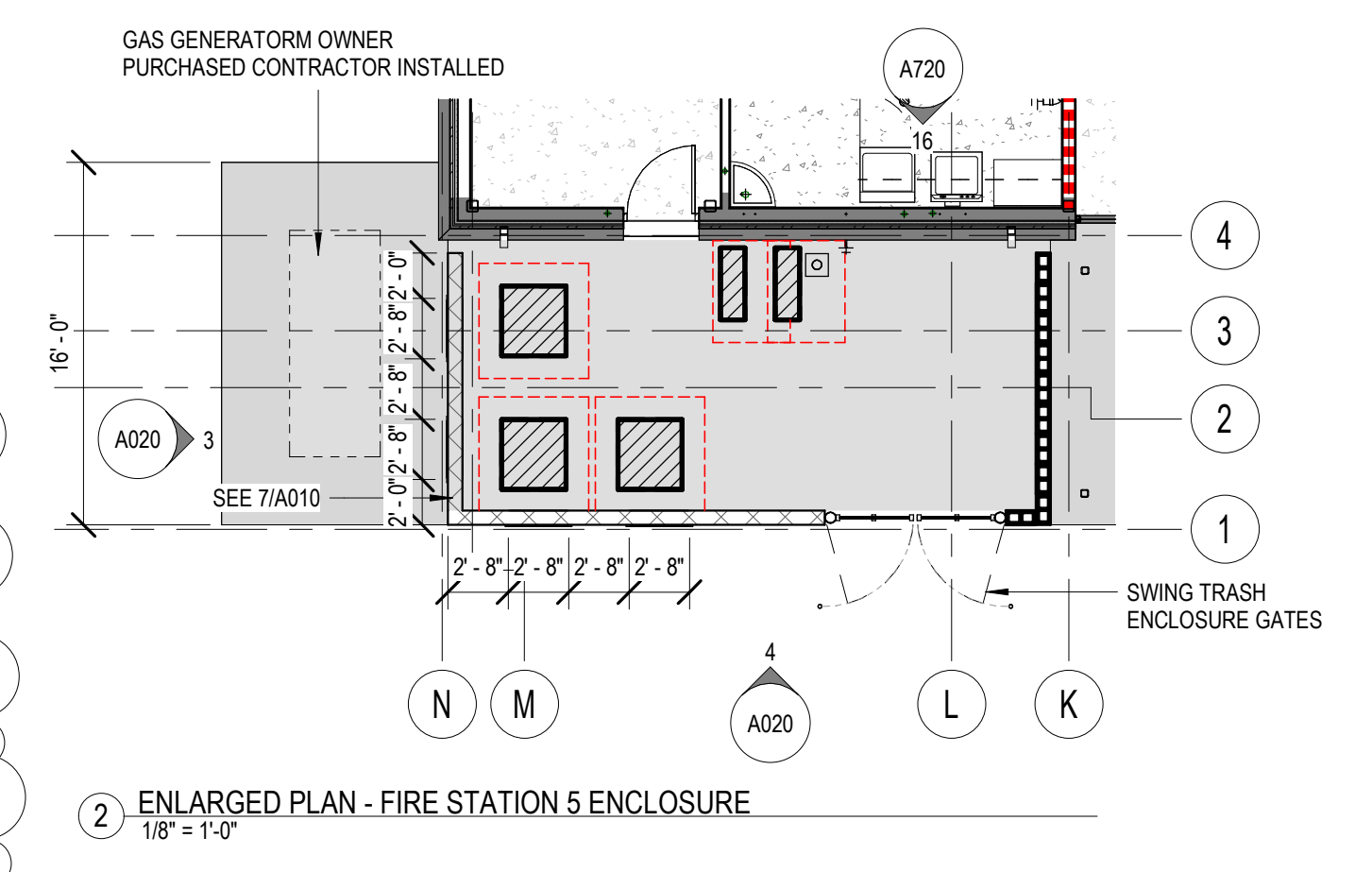
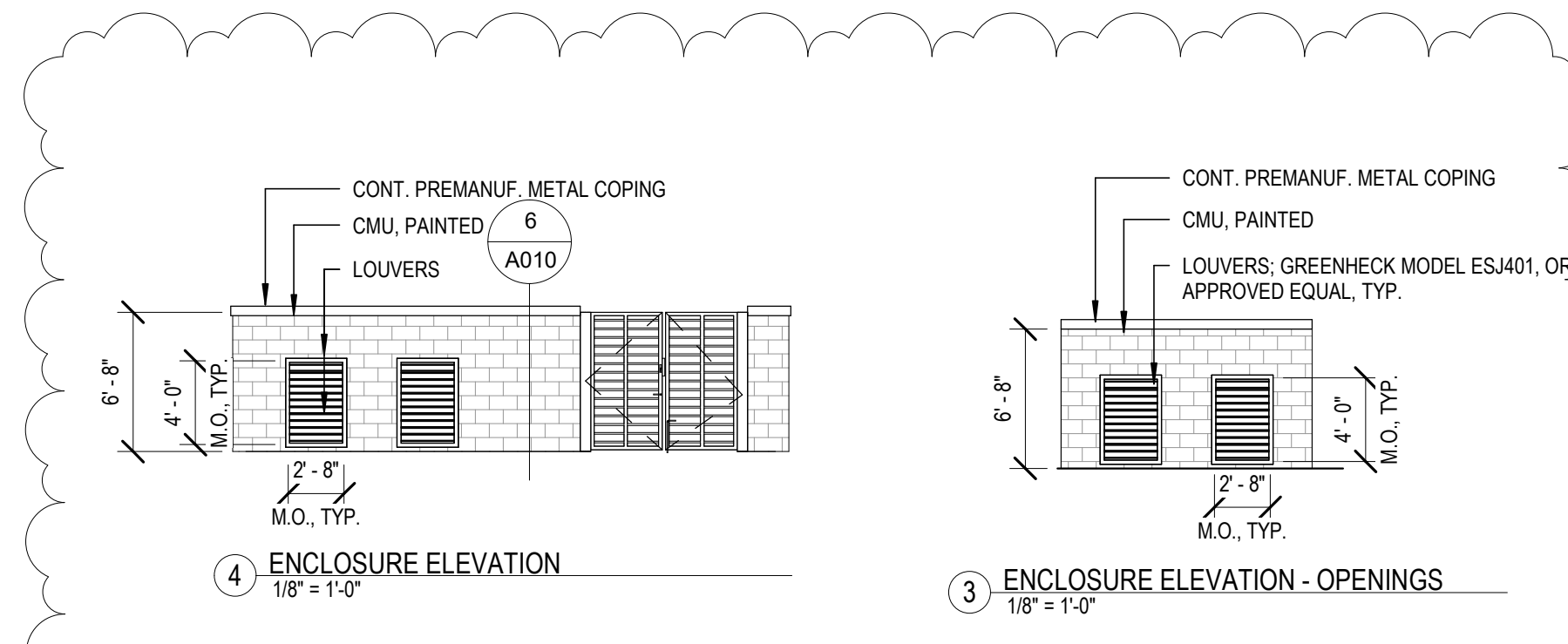
1. BASIS OF DESIGN MANUFACTURER
 - A. Mapes Canopies
 - B. Lincoln, Nebraska
 - C. Phone: 1-888-273-1132
2. CANOPY MATERIALS
 - A. Cantilevered Canopies
 1. Roll-formed aluminum canopies shall be "Lumishade" as manufactured by Mapes Canopies of Lincoln, Nebraska. www.mapes.com <<http://www.mapes.com>> or Architect's approved equal.
 2. Decking shall consist of an interlocking roll-formed 2-1/2 W-style pan (minimum .032 aluminum).
 3. Intermediate framing members shall be extruded aluminum, alloy 6063-T6, in profiles & thicknesses as manufactured by Mapes.
 4. Cantilever support brackets shall be design engineered per application.
 5. Cantilever support brackets will be the same color as canopy.
 6. Fascia shall be standard 8 extruded J-style (minimum .125 aluminum) or optional 8 K-style (minimum .032 aluminum).
 - B. Post-Supported Type: Post Supported Walkway Canopies, by Mapes or Architect's approved equal.
 1. Decking shall consist of 3" extruded flat soffit 0.078 decking.
 2. Beams shall be 4" x 7"
 3. Posts shall be 4" x 4"
 4. Fascia shall be standard extruded 10" C-Channel Style.
3. FINISHES
 - A. Provide manufacturer's standard 2-coat Kynar finish.
 - B. Provide custom color match from sample provided by Architect.
4. FABRICATION
 - A. All connections shall be mechanically assembled using 3/16 fasteners with a minimum shear stress of 350lbs. Pre-welded or factory-welded connections are not allowed.
 - B. Decking shall be designed with interlocking, roll-formed aluminum members.
 - C. Water shall drain from covered surfaces into intermediate trough and be directed to either the front for front drainage or to the rear for ground level discharge via one or more designated downspouts.

PART 3 - EXECUTION

1. INSTALLATION
 - A. Install per manufacturer's written instructions and in strict accordance with manufacturer's shop drawings.

B. Protect finished Work until final acceptance of project by Owner.

END OF SECTION



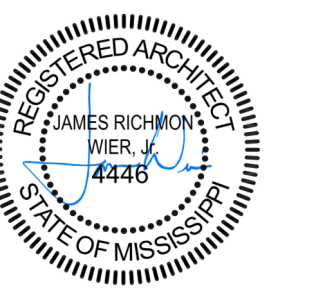
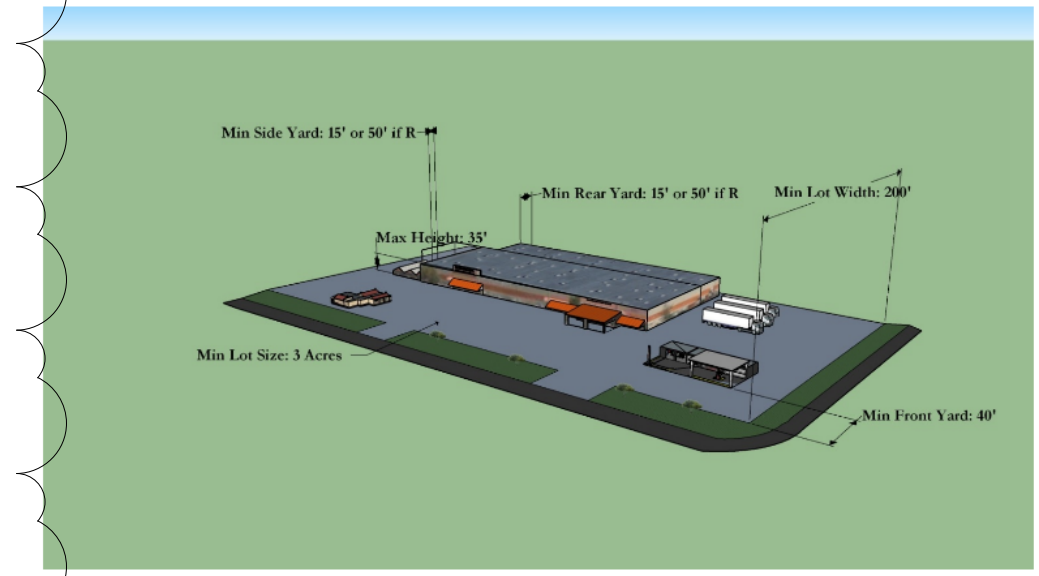
ZONING	
SITE INFORMATION	
SITE INFORMATION	C-2 GENERAL COMMERCIAL DISTRICT PARCEL
	ID: G08 000099 00321
	PPIN: 80085
	ACREAGE: 0.98
	OWNER: CITY OF PEARL
	WARD: 1
	Land Roll: https://www2.rankincounty.org/ITA/result.asp?PPIN=80085
PARKING	<u>OTHER BUSINESS & PROFESSIONAL OFFICES:</u>
	1 SPACE PER 300 SQ. FT. GROSS FLOOR AREA GROSS SQ. FT.: 4,577 SQ. FT. / 300 = 15.3 = 16
	<u>PARKING SPACE COUNTS:</u>
	TOTAL PARKING SPACES: 16
	MINIMUM TOTAL # OF ACCESSIBLE PARKING SPACES: 1
	MINIMUM NUMBER OF VAN ACCESSIBLE PARKING SPACES: 1
NOTES	REQUIRED 90 DEGREE PARKING ANGLE UNLESS DEVELOPER CAN DEMONSTRATE TO THE CITY OF PEARL MAYOR AND BOARD OF ALDERMAN DURING REQUIRED SITE PLAN REVIEW; DESIGN STANDARDS FOR PARKING SPOTS (PAGE 64)
REFERENCES	ARTICLE XVII: GENERAL COMMERCIAL DISTRICT (C-2) SECTIONS 1700-1708 (PAGES 129-132)
	ARTICLE V: OFF-STREET PARKING, LOADING SPACE AND ACCESS REQUIREMENTS SECTIONS 500-503 (PAGES 61-66)

ARTICLE XVII: GENERAL COMMERCIAL DISTRICT (C-2)

Quick Reference Guide

Dimensional Requirements	
Maximum Building Height	35 feet
Minimum Lot Area: Multi-Tenant	3 acre
Minimum Lot Width: Multi-Tenant	200 feet

Minimum Yards	Buffer Yard Requirements		
	When Abutting Districts	All Ag & Res. Districts	
Front Yard	40 feet	Minimum Width	20 feet
Side & Rear Yard	15 feet	Screen Height Minimum	6 feet
Side & Rear Yard if Abutting Residential	50 feet		

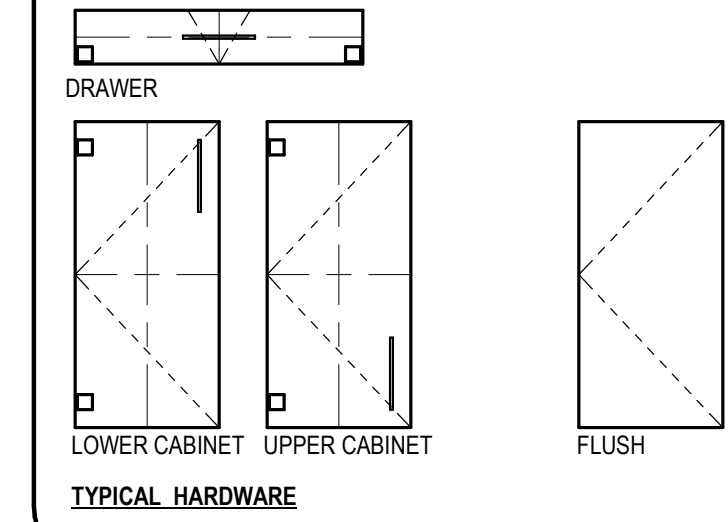


2023.08.16

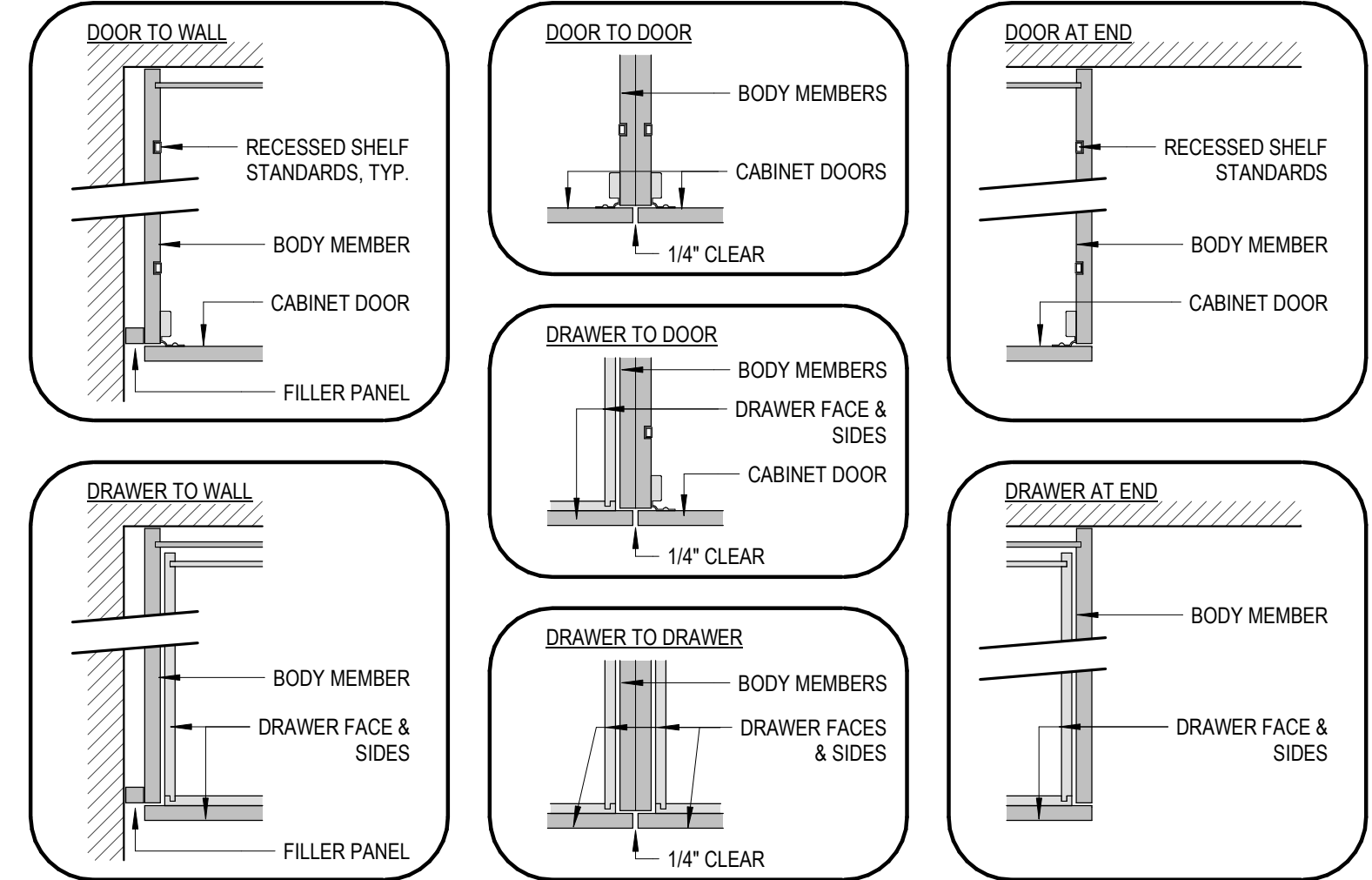
CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	9/1/23
3	ADDENDUM 3	9/8/23

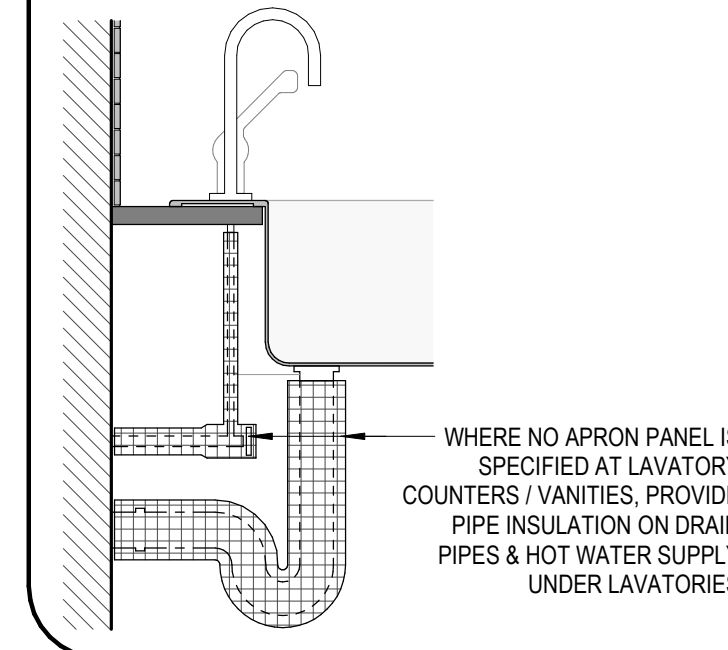
ARCHITECTURAL WOOD CASEWORK DOOR & HARDWARE TYPES



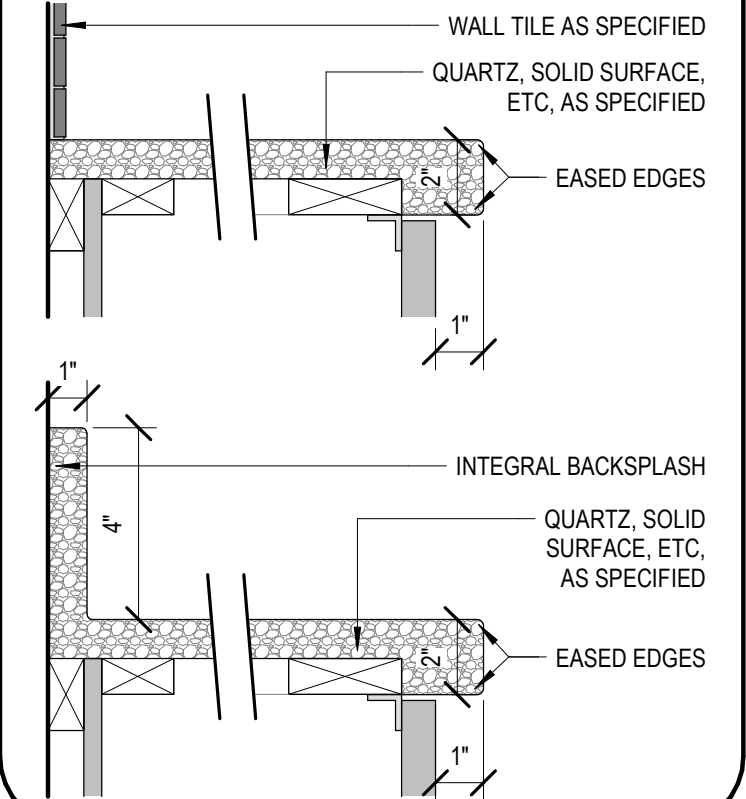
PLAN DETAILS



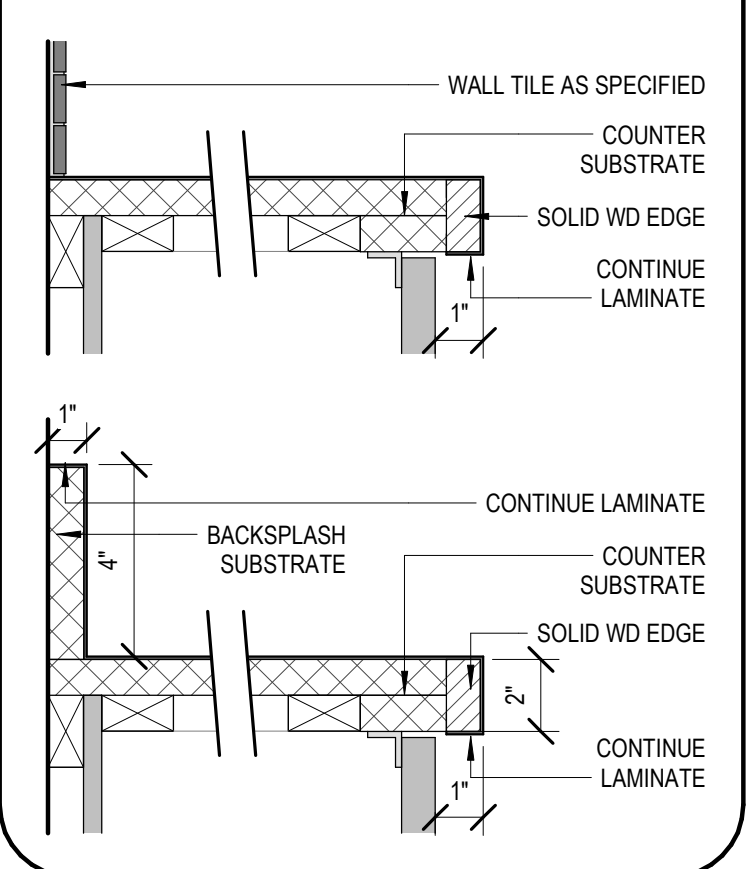
RE: PIPE INSULATION



MONOLITHIC MATERIAL COUNTER + BACKSPLASH [SOLID SURFACE, QUARTZ, ETC.]



LAMINATE COUNTER + BACKSPLASH

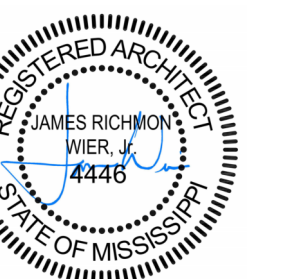
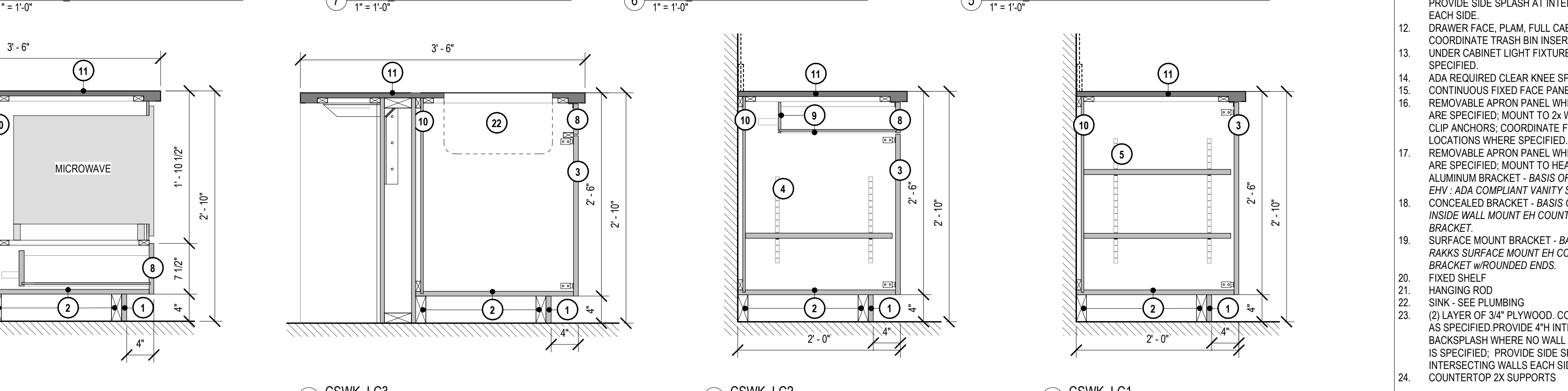
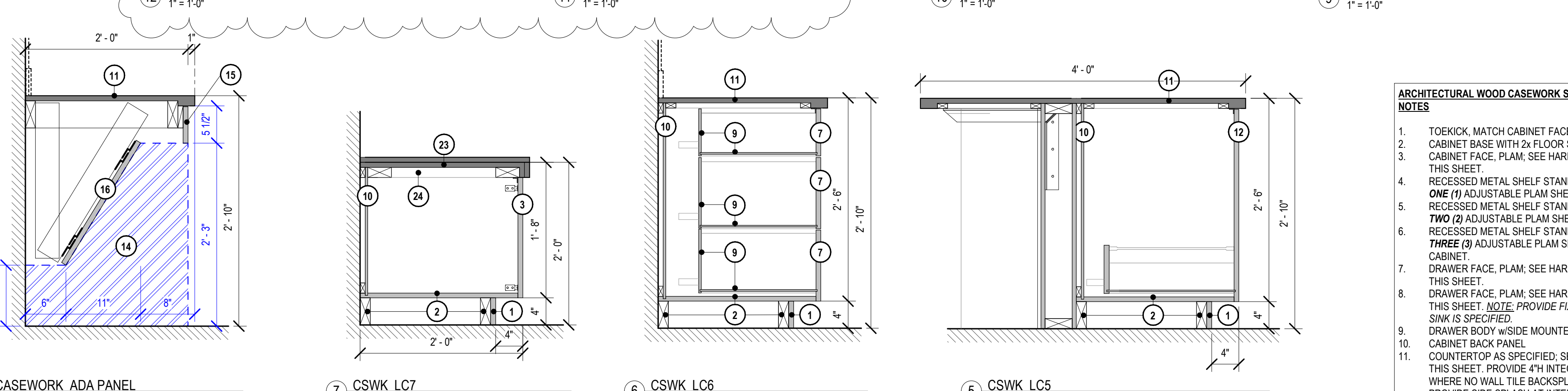
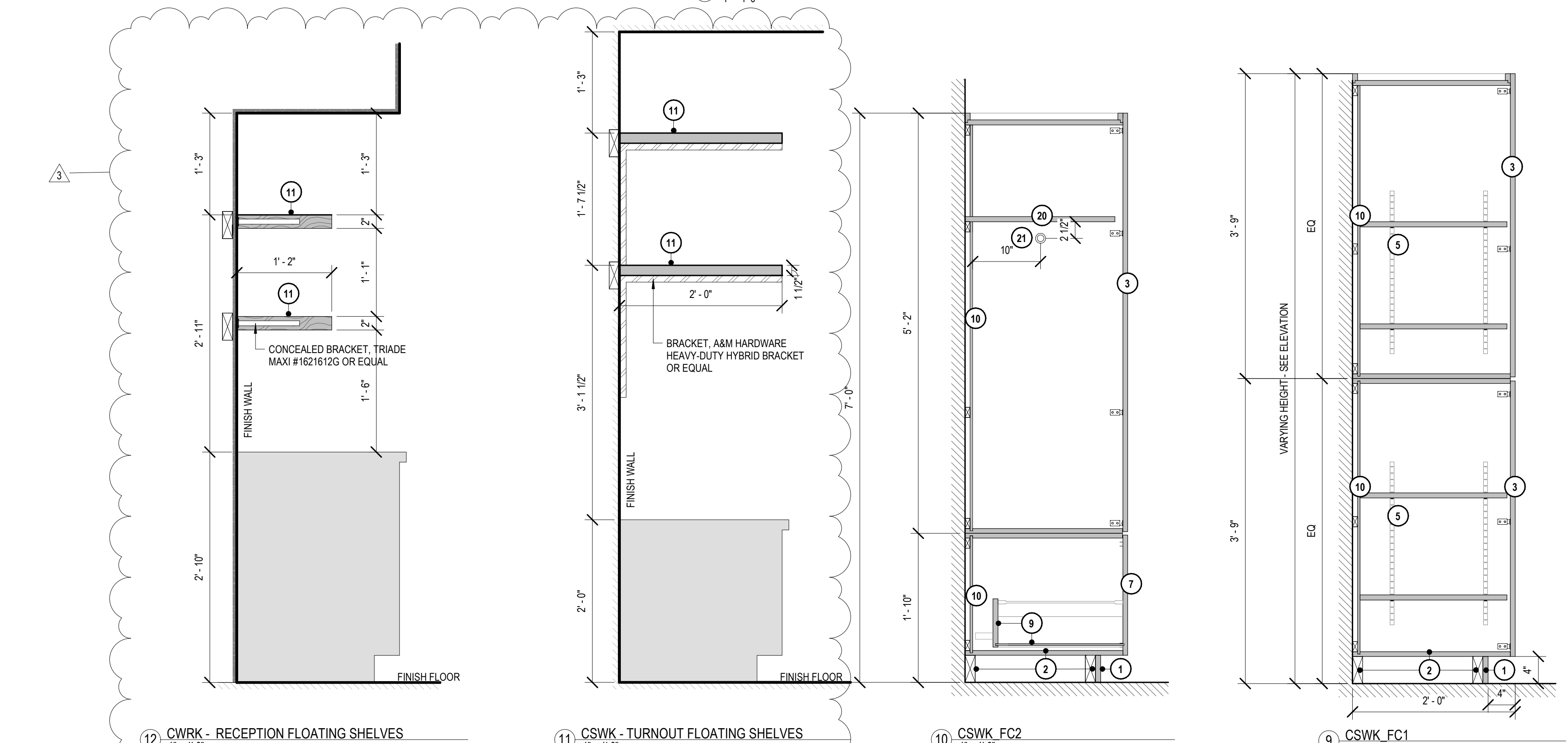
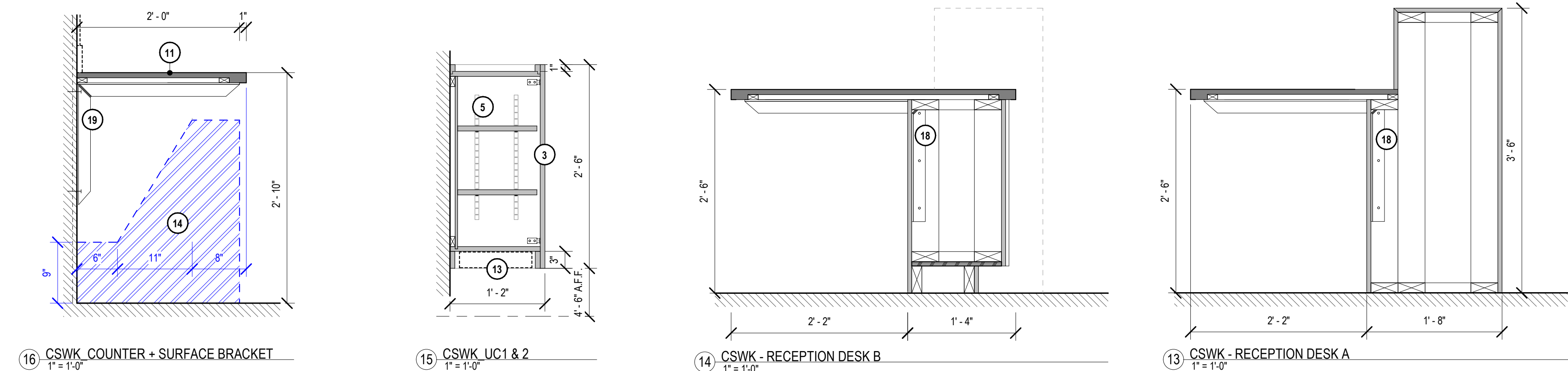


ARCHITECTURAL WOOD CASEWORK GENERAL NOTES:

- A. FABRICATE, ASSEMBLE, FINISH, AND APPLY HARDWARE TO MAXIMUM EXTENT POSSIBLE BEFORE SHIPMENT TO PROJECT SITE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR INSTALLATION AT SITE. PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING, & FITTING.
- B. PROVIDE WALL BLOCKING AND BRACKETS AS REQUIRED TO ANCHOR MILLWORK.
- C. COORDINATE UTILITY ROUGH-INS REQUIRED AT CASEWORK UNITS, INCLUDING BUT NOT LIMITED TO POWER, DATA, PHONE, CATV, DOMESTIC WATER, DRAIN LINES, ETC.
- D. SUBMIT MATERIAL SAMPLES AND FIELD VERIFY ALL ADJACENT CONDITIONS PRIOR TO CASEWORK FABRICATION.
- E. WHERE LOCKABLE CASEWORK IS SPECIFIED, KEY ALL LOCKS ON DRAWERS, CABINETS, ETC. ALIKE. COORDINATE WITH HARDWARE VENDOR.
- F. COORDINATE WITH SPECIFICATION SECTION 06.4100 ARCHITECTURAL WOOD CASEWORK IN THE PROJECT MANUAL.
- G. COORDINATE WITH SHEET A600 FOR ALL FINISH MATERIAL DESIGNATIONS.

ARCHITECTURAL WOOD CASEWORK SECTION DETAIL NOTES

1. TOEKICK, MATCH CABINET FACE
2. CABINET BASE WITH 2x FLOOR SUPPORTS
3. CABINET FACE, PLAM; SEE HARDWARE DETAILS THIS SHEET
4. RECESSED METAL SHELF STANDARDS; PROVIDE ONE (1) ADJUSTABLE PLAM SHELVES PER CABINET.
5. RECESSED METAL SHELF STANDARDS; PROVIDE TWO (2) ADJUSTABLE PLAM SHELVES PER CABINET.
6. RECESSED METAL SHELF STANDARDS; PROVIDE THREE (3) ADJUSTABLE PLAM SHELVES PER CABINET
7. DRAWER FACE, PLAM; SEE HARDWARE DETAILS THIS SHEET.
8. DRAWER FACE, PLAM; SEE HARDWARE DETAILS THIS SHEET. *NOTE: PROVIDE FIXED PANEL WHERE SINK IS SPECIFIED.*
9. DRAWER BODY W/SIDE MOUNTED DRAWER SLIDES.
10. CABINET BACK PANEL
11. COUNTERTOP AS SPECIFIED; SEE EDGE DETAILS THIS SHEET. PROVIDE 4" INTEGRAL BACKSPLASH WHERE NO WALL TILE BACKSPLASH IS SPECIFIED; PROVIDE SIDE SPLASH AT INTERSECTING WALLS EACH SIDE.
12. DRAWER FACE, PLAM, FULL CABINET HEIGHT; COORDINATE TRASH BIN INSERT.
13. UNDER CABINET LIGHT FIXTURE WHERE SPECIFIED.
14. ADA REQUIRED CLEAR KNEE SPACE (IN BLUE).
15. CONTINUOUS FIXED FACE PANEL
16. REMOVABLE APRON PANEL WHERE LAVATORIES ARE SPECIFIED; MOUNT TO 2x WOOD FRAMING w/CLIP ANCHORS; COORDINATE FRAMING WITH SINK LOCATIONS WHERE SPECIFIED.
17. REMOVABLE APRON PANEL WHERE LAVATORIES ARE SPECIFIED; MOUNT TO HEAVY DUTY ALUMINUM BRACKET - BASIS OF DESIGN RAKKS EHV - ADA COMPLIANT VANITY SUPPORT BRACKET.
18. CONCEALED BRACKET - BASIS OF DESIGN - RAKKS INSIDE WALL MOUNT EH COUNTER SUPPORT BRACKET.
19. SURFACE MOUNT BRACKET - BASIS OF DESIGN - RAKKS SURFACE MOUNT EH COUNTER SUPPORT BRACKET w/ROUNDED ENDS.
20. FIXED SHELF
21. HANGING ROD
22. SINK - SEE PLUMBING
23. (2) LAYER OF 3/4" PLYWOOD, COUNTERTOP FINISH AS SPECIFIED. PROVIDE 4" INTEGRAL BACKSPLASH WHERE NO WALL TILE BACKSPLASH IS SPECIFIED. PROVIDE SIDE SPLASH AT INTERSECTING WALLS EACH SIDE.
24. COUNTERTOP 2x SUPPORTS



2023.08.16

CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

REVISIONS		
NO.	DESCRIPTION	DATE
3	ADDENDUM 3	9/8/23

STRUCTURAL GENERAL NOTES

GENERAL NOTES:

- CONTRACT DOCUMENTS
 - THESE NOTES ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS.
 - THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.
 - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERT BOLTS SETTINGS, DRAINS, REGLETS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.
 - THE ENGINEER HAS PREPARED AND FURNISHED THESE CONTRACT DOCUMENTS TO THE OWNER FOR USE ON THIS PROJECT ONLY. THESE PROJECT DOCUMENTS SHALL NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ANY OTHER PROJECT. ANY REUSE OF THESE DRAWINGS, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.
- SECTIONS AND DETAILS - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.
- COORDINATION
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.
 - THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
 - IT IS EXPECTED THAT THE GENERAL CONTRACTOR IS EXPERIENCED IN THE TYPE OF CONSTRUCTION REQUIRED AND THEREFORE, IT IS EXPECTED THAT THE GENERAL CONTRACTOR WILL COORDINATE THESE DRAWINGS WITH APPLICABLE ARCHITECTURAL, CIVIL, AND M/E/P DRAWINGS. THE CONSTRUCTION DOCUMENTS CONSIST OF THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES. THE ABOVE REFERENCED COORDINATION SHALL BE PERFORMED PRIOR TO ORDERING, FABRICATION, AND CONSTRUCTION OF ANY ELEMENT. NOTIFY THE ARCHITECT OF ANY CONFLICT OR OMISSION. WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

DESIGN CRITERIA:

- GENERAL BUILDING CODE: INTERNATIONAL BUILDING CODE, 2018 EDITION
 - OTHER CODES AND STANDARDS REFERENCED IN THE IBC '18 AND IN THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS TO THE PRESCRIBED EXTENT OF EACH REFERENCE.
- DEAD LOADS:

A. SELF WEIGHT OF STRUCTURE		
B. HANGING MIEP	10	PSF
- LIVE LOADS:

A. ROOF	20	PSF
B. MEZZANINE	50	PSF
C. PARTITIONS	15	PSF
D. FIRST FLOOR	100	PSF
- GROUND SNOW LOAD: 5 PSF
- WIND DESIGN:

A. ULTIMATE DESIGN WIND SPEED, V_{ULT}	122	MPH
B. RISK CATEGORY	IV	
C. EXPOSURE CATEGORY	B	
D. INTERNAL PRESSURE COEFFICIENT	+0.18	
- EARTHQUAKE DESIGN:

A. IMPORTANCE FACTOR	1.5
B. MAPPED SPECTRAL ACCEL. - SHORT PERIOD, S_s	0.139
C. MAPPED SPECTRAL ACCEL. - 1 SEC. PERIOD, S_1	0.082
D. SITE CLASS	D
E. DESIGN SPECTRAL ACCEL. - SHORT PERIOD, S_{DS}	0.148
F. DESIGN SPECTRAL ACCEL. - 1 SEC. PERIOD, S_{D1}	0.132
G. SEISMIC DESIGN CATEGORY	C
- THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF MECHANICAL EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST THREE WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.

FOUNDATION:

- THE FOUNDATION DESIGN FOR CENTRAL STATION IS BASED UPON THE GEOTECHNICAL EXPLORATION FOR PROPOSED PEARL CENTRAL FIRE STATION IN PEARL, MS BY BURNS COOLEY DENNIS, INC. DATED JUNE 16, 2023.

	ALLOWABLE SOIL BEARING PRESSURE
SPREAD FOOTINGS & WIDENED GRADE BEAMS.....	2,000 PSF
GRADE BEAMS & STRIP FOOTINGS	1,500 PSF
- THE FOUNDATION DESIGN FOR STATION 5 IS BASED UPON THE GEOTECHNICAL EXPLORATION FOR PROPOSED PEARL FIRE STATION #5 IN PEARL, MS BY BURNS COOLEY DENNIS, INC. DATED JUNE 26, 2023.

	ALLOWABLE SOIL BEARING PRESSURE
SPREAD FOOTINGS & WIDENED GRADE BEAMS.....	2,000 PSF
GRADE BEAMS & STRIP FOOTINGS	1,500 PSF

- THE CONTRACTOR SHALL READ THE SOILS REPORTS REFERENCED ABOVE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE AND SUBGRADE PREPARATION RECOMMENDATIONS CONTAINED THEREIN. ALL SITE PREPARATION AND EXCAVATION IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS AND FOUNDATIONS INVESTIGATIONS.

CONCRETE:

- ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-14) AND AS MODIFIED BY IBC '18.
- CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS:

SPREAD FOOTINGS	4,000	PSI
SLABS ON GRADE, GRADE BEAMS	4,000	PSI
- PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER POSITION.
- ALL REINFORCEMENT SHALL HAVE A MINIMUM YIELD STRESS OF 60 KSI.
- WHERE NOT SPECIFICALLY COVERED, REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD 315.
- PROVIDE CORNER BARS OF THE SAME SIZE AND NUMBER AS HORIZONTAL BARS AT ALL CORNERS AND T-INTERSECTIONS.
- UNLESS NOTED OTHERWISE, LAP ALL BARS AT CORNERS, SPLICES, AND INTERSECTIONS IN ACCORDANCE WITH CURRENT ACI 318 AND CRSI REQUIREMENTS. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE CRSI RECOMMENDED HOOKS UNLESS NOTED OTHERWISE.
- FIELD WELDING OF REINFORCEMENT IS PROHIBITED, UNLESS SPECIFICALLY DETAILED ON DRAWINGS..
- SUBMIT REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
- CONCRETE REINFORCING LAP LENGTHS SHALL BE AS FOLLOWS:

BAR SIZE	TOP	OTHER
#3	2'-0"	1'-7"
#4	2'-8"	2'-1"
#5	3'-4"	2'-7"
#6	4'-0"	3'-1"
#7	5'-10"	4'-6"
#8	6'-8"	5'-2"

STRUCTURAL STEEL:

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE.
- ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED AS DESCRIBED IN "AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE" (AWS D1.1), TO PERFORM THE TYPE OF WORK REQUIRED.
- ALL WELDING RODS SHALL BE E70XX ELECTRODES.
- ALL CONNECTIONS SHALL BE BOLTED WITH A325 HIGH STRENGTH BOLTS OR WELDED (UNLESS SHOWN OTHERWISE ON THE DRAWINGS).
- ALL WIDE FLANGE AND WT SHAPES SHALL BE ASTM A992.
- ALL HSS SHAPES SHALL BE ASTM A500, GRADE B ($F_y = 46$ KSI).
- ALL THREADED RODS SHALL BE ASTM A193 GRADE B.
- ALL PIPE SHALL BE ASTM A53 GRADE B OR A507.
- STEEL CHANNELS, PLATES & ANGLES SHALL BE ASTM A36 OR BETTER.
- CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE OF SUFFICIENT CAPACITY TO FULLY DEVELOP THE CONNECTED MEMBERS.

METAL DECK:

- STEEL ROOF DECK SHALL BE: 1 1/2", 22 GA, TYPE "B" ROOF DECK, $F_y = 50$ KSI, GALVANIZED (G90), THREE-SPAN MINIMUM. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE. ROOF DECK SHALL COMPLY WITH STEEL DECK INSTITUTE STANDARDS.
- STEEL FORM DECK FOR MEZZANINE SHALL BE: 9/16", 26 GA, TYPE "C" FORM DECK, $F_y = 60$ KSI, GALVANIZED (G60), THREE-SPAN MINIMUM. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE. FORM DECK SHALL COMPLY WITH STEEL DECK INSTITUTE STANDARDS.
- COMPOSITE STEEL FLOOR DECK FOR STORM SHELTER ROOF SHALL BE: 1 1/2", 22 GA, TYPE "VL" FLOOR DECK, $F_y = 50$ KSI, GALVANIZED (G60), THREE-SPAN MINIMUM. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE. FLOOR DECK SHALL COMPLY WITH STEEL DECK INSTITUTE STANDARDS.
- SEE DIAPHRAGM FASTENING SCHEDULE FOR FASTENER SPACING REQUIREMENTS. WHERE WELDS ARE REQUIRED FOR DIAPHRAGM FASTENING, WELD WASHERS SHALL BE USED.

DIAPHRAGM FASTENING SCHEDULE			
MARK	DECK TYPE	CONNECTIONS	
		@ SUPPORTS	@ SIDELAPS
ROOF	1.5B, 22 GA, ROOF DECK	5/8" PUDDLE WELDS, 36/9 PATTERN	#10 TEK SCREWS @ 8" O.C.
MEZZANINE	0.6C, 26 GA, FORM DECK	5/8" PUDDLE WELDS, 30/4 PATTERN	3-#10 TEK SCREWS PER SPAN
STORM SHELTER ROOF	1.5VL, 22 GA, COMPOSITE DECK	5/8" PUDDLE WELDS, 36/4 PATTERN	5/8" PUDDLE WELDS @ 8" O.C.

STEEL BAR JOISTS:

- STEEL BAR JOISTS SHALL CONFORM TO THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE.
- ALL JOISTS SHALL CARRY THE DESIGN LOADS AS SPECIFIED IN THE SJI LOAD TABLES AS THE MINIMUM REQUIREMENT. ADDITIONALLY, THE JOISTS SHALL BE DESIGNED TO CARRY ANY OTHER LOAD TYPES AND PATTERNS AS INDICATED ON THE DRAWINGS.
- WHERE BOTTOM CHORD OF STEEL BAR JOISTS IS SHOWN WELDED TO SUPPORTING MEMBER, CONNECT BOTTOM CHORD AFTER APPLICATION OF DEAD LOAD.
- BRIDGING FOR STEEL BAR JOISTS SHALL BE AS SHOWN ON THE DRAWINGS, BUT IN NO CASE SHALL BE LESS THAN THAT REQUIRED BY THE STEEL JOIST INSTITUTE.
- IN ADDITION TO BRIDGING SHOWN, PROVIDE ONE ROW OF BOTTOM CHORD BRIDGING AT EACH END OF ALL ROOF JOISTS, LOCATED AT THE FIRST PANEL POINT.
- STEEL ROOF JOISTS & JOIST GIRDERS, BRIDGING, AND THEIR CONNECTIONS SHALL BE DESIGNED FOR A NET UPLIFT OF 15 PSF (MWFRS, ALLOWABLE).
- PROVIDE 2 1/2" DEPTH OF BEARING FOR ALL K-SERIES JOISTS.
- PROVIDE 7 1/2" DEPTH OF BEARING FOR ALL JOIST GIRDERS.

REINFORCED MASONRY:

- ALL MASONRY CONSTRUCTION SHALL COMPLY WITH TMS 402-16 ("BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES") & TMS 602-16 ("SPECIFICATION FOR MASONRY STRUCTURES").
- CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, TYPE 1, WITH COMPRESSIVE STRENGTH (F_m) OF 1,500 PSI.
- REINFORCEMENT IN MASONRY WALLS SHALL BE GRADE 60, ASTM A615.
- FOR BOND BEAMS, LINTELS AND FILLED CMU WALLS, GROUT SHALL BE HIGH SLUMP MIX HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI FROM FIELD OBTAINED TEST CUBES.
- LAP ALL VERTICAL BARS 48 BAR DIAMETERS WITH WIRE TIES.
- GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT IN 4'-0" LIFTS (MAX). DO NOT PLACE GROUT UNTIL CELLS HAVE BEEN INSPECTED.
- GROUT FILL ALL CELLS EXTENDING BELOW FINISHED GRADE.
- PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 32" ACROSS VERTICAL CONTROL JOINTS IN WALLS, AND AT 16" ACROSS VERTICAL CONTROL JOINTS IN BOND BEAMS. TOP AND BOTTOM REINFORCEMENT IN BOND BEAMS AND LINTELS SHALL BE CONTINUOUS ACROSS CONTROL JOINTS.
- PROVIDE VERTICAL CONTROL JOINTS AT 24 FT (MAX). LOCATION OF JOINTS IN EXTERIOR CMU WALL SHALL MATCH LOCATIONS OF JOINTS IN BRICK BY ARCH, EXCEPT JOINTS SHALL BE LOCATED 16" MINIMUM FROM EDGE OF WINDOWS & DOORS.
- VERTICAL CELLS TO BE GROUT-FILLED SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR AND UNOBSTRUCTED AREA NOT LESS THAN TEN SQUARE INCHES AND A MINIMUM OF THREE INCHES ACROSS.
- VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT INTERVALS NOT GREATER THAN TEN FEET.
- WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR OF GROUT NOT LESS THAN ONE-HALF INCH BELOW THE TOP OF THE UPPERMOST UNIT GROUTED.
- WHERE LINTELS BEAR ON MASONRY WALLS, THEY SHALL BE PART OF A CONTINUOUS BOND BEAM COURSE OR ON GROUT-FILLED REINFORCED CORES.
- WHERE ONE REINFORCING BAR IS USED AS VERTICAL REINFORCEMENT IN WALLS, REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE WALL.
- WHETHER OR NOT SHOWN ON THE DRAWINGS, ALL MASONRY WALLS SHALL BE REINFORCED WITH (1) #5 BAR VERTICAL AT EACH END, INTERSECTION AND AT EACH JAMB AND AT A MAXIMUM OF 48 INCHES ON CENTER ALONG THE LENGTH OF THE WALL. ALL VERTICAL REINFORCED CELLS SHALL BE FILLED WITH GROUT.
- TOP OF ALL WALLS SHALL RECEIVE A HORIZONTAL BOND BEAM WITH (2) #5 BARS CONTINUOUS, UNLESS NOTED OTHERWISE ON DETAILS.
- ADDITIONAL GROUTED CELLS AND REINFORCEMENT SHALL BE PROVIDED AT EA JAMB WHERE VERTICALLY REINFORCED CELLS ARE INTERRUPTED BY OPENING. AT EACH JAMB, ADDITIONAL GROUTED CELLS WITH REINFORCEMENT SHALL BE ONE HALF OF NUMBER OF VERTICALLY REINFORCED CELLS INTERRUPTED BY OPENING. ADDITIONAL CELLS AT THE JAMB SHALL BE REINFORCED FROM FOUNDATION TO ROOF WITH REINFORCEMENT SIZE AND PLACEMENT TO MATCH VERTICALLY REINFORCED CELLS INTERRUPTED BY OPENING.
- WEDGE ANCHORS SHOWN ON DETAILS SHALL BE SIMPSON STRONG-BOLT 2, OR EQUAL.
- ALL MASONRY WALLS SHALL MEET THE REQUIREMENTS FOR SPECIAL REINFORCED MASONRY SHEAR WALLS PROVIDED IN ASCE 7, SECTION 14.4.
- THE SURFACE OF CONCRETE UPON WHICH A SPECIAL REINFORCED MASONRY SHEAR WALL IS CONSTRUCTED SHALL HAVE A MINIMUM SURFACE ROUGHNESS OF 1/8 IN.

SHEET LIST	
SHEET	DESCRIPTION
S001	STRUCTURAL GENERAL NOTES
S002	STRUCTURAL QUALITY ASSURANCE PLAN
S110	FOUNDATION PLAN - CENTRAL STATION
S111	MEZZANINE FRAMING PLAN - CENTRAL STATION
S112	ROOF FRAMING PLAN - CENTRAL STATION
S113	PARTIAL FOUNDATION PLAN - CENTRAL STATION
S120	FOUNDATION PLAN - STATION 5
S121	MEZZANINE FRAMING PLAN - STATION 5
S122	ROOF FRAMING PLAN - STATION 5
S201	FOUNDATION DETAILS
S202	FOUNDATION DETAILS
S203	FOUNDATION DETAILS
S301	TYPICAL CMU DETAILS
S401	TYPICAL STEEL DETAILS
S402	TYPICAL STEEL DETAILS
S403	TYPICAL STEEL DETAILS
S404	TYPICAL STEEL DETAILS
S410	STEEL DETAILS - CENTRAL STATION
S411	STEEL DETAILS - CENTRAL STATION
S412	STEEL DETAILS - CENTRAL STATION
S420	STEEL DETAILS - STATION 5
S421	STEEL DETAILS - STATION 5
S422	STEEL DETAILS - STATION 5
S510	BRACED FRAME ELEVATIONS - CENTRAL STATION
S520	BRACED FRAME ELEVATIONS - STATION 5
S600	BRACED FRAME DETAILS
S601	BRACED FRAME DETAILS



PEARL FIRE STATIONS

CITY OF PEARL
2420 Old Brandon Rd.
Pearl, MS 39208



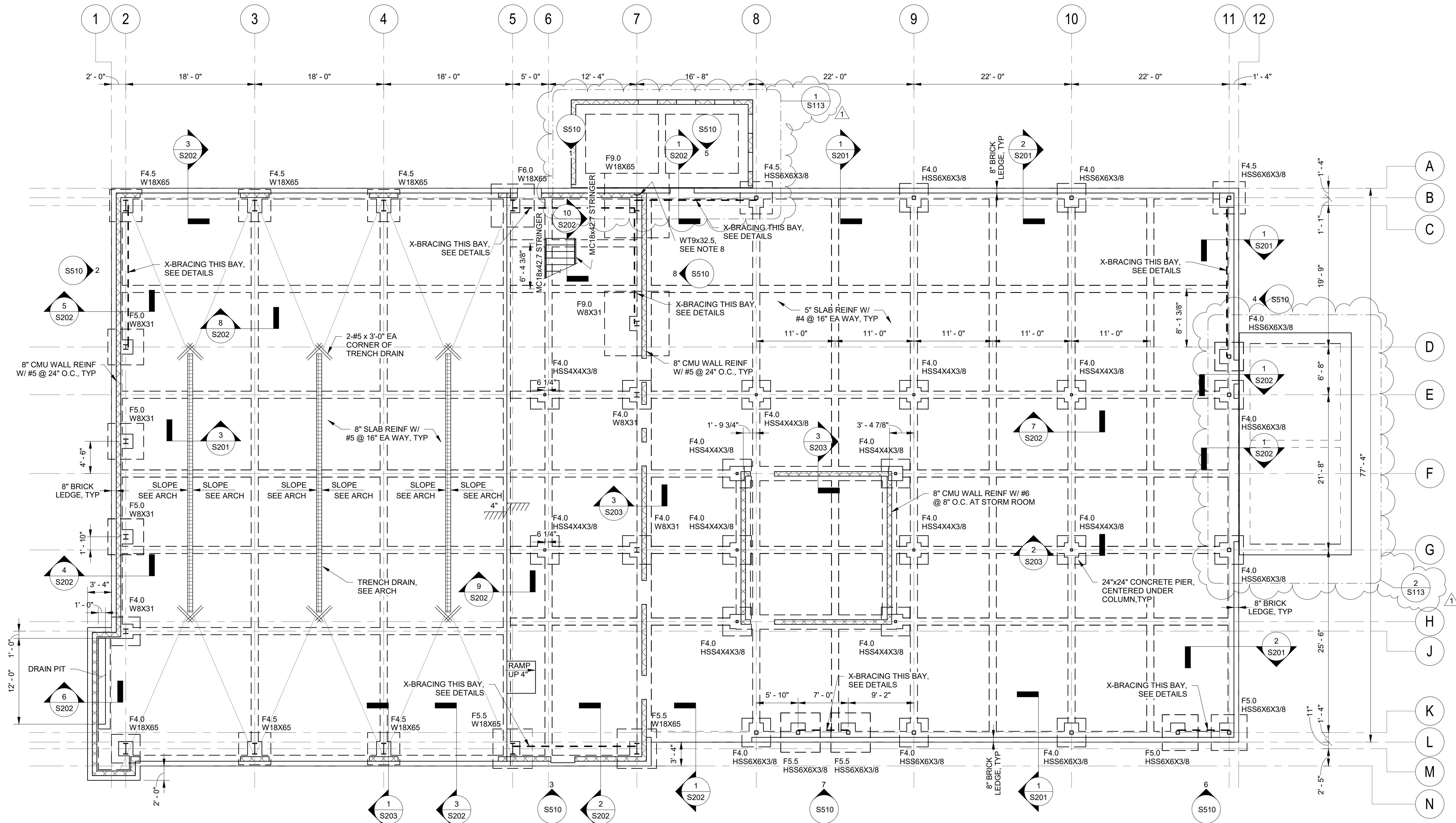
2023.08.16

CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM 3	2023.09.08

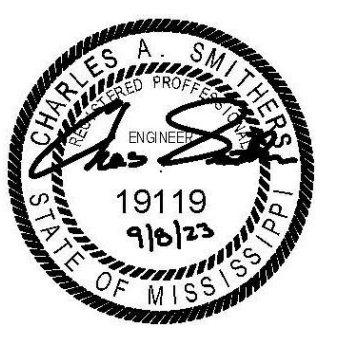


S001
STRUCTURAL
GENERAL NOTES



1 FOUNDATION PLAN
1/8" = 1'-0"

- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
 - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
 - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
 - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
 - TYPICAL SLAB-ON-GRADE IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 16" EA WAY UNLESS NOTED OTHERWISE.
 - ALL EXTERIOR 8" CMU WALLS SHALL BE REINFORCED W/ #5 VERT AT 24" O.C.
 - COLUMN AND FOOTING CALLOUT:
FX - FOOTING DESIGNATION, SEE S201 FOR SPREAD FOOTING SCHEDULE.
WxXXX - COLUMN SIZE, SEE COLUMN SCHEDULE ON S401.
 - WELD SECTION OF WT9X32.5 TO THE EXTERIOR SIDE OF COLUMN B7/ USING CONT MINIMUM FILLET WELD EA SIDE OF WT WEB, SEE DETAIL 10 ON S410. T.O. WT = 15'-7 1/2" TO MATCH LO ROOF T.O. STEEL.

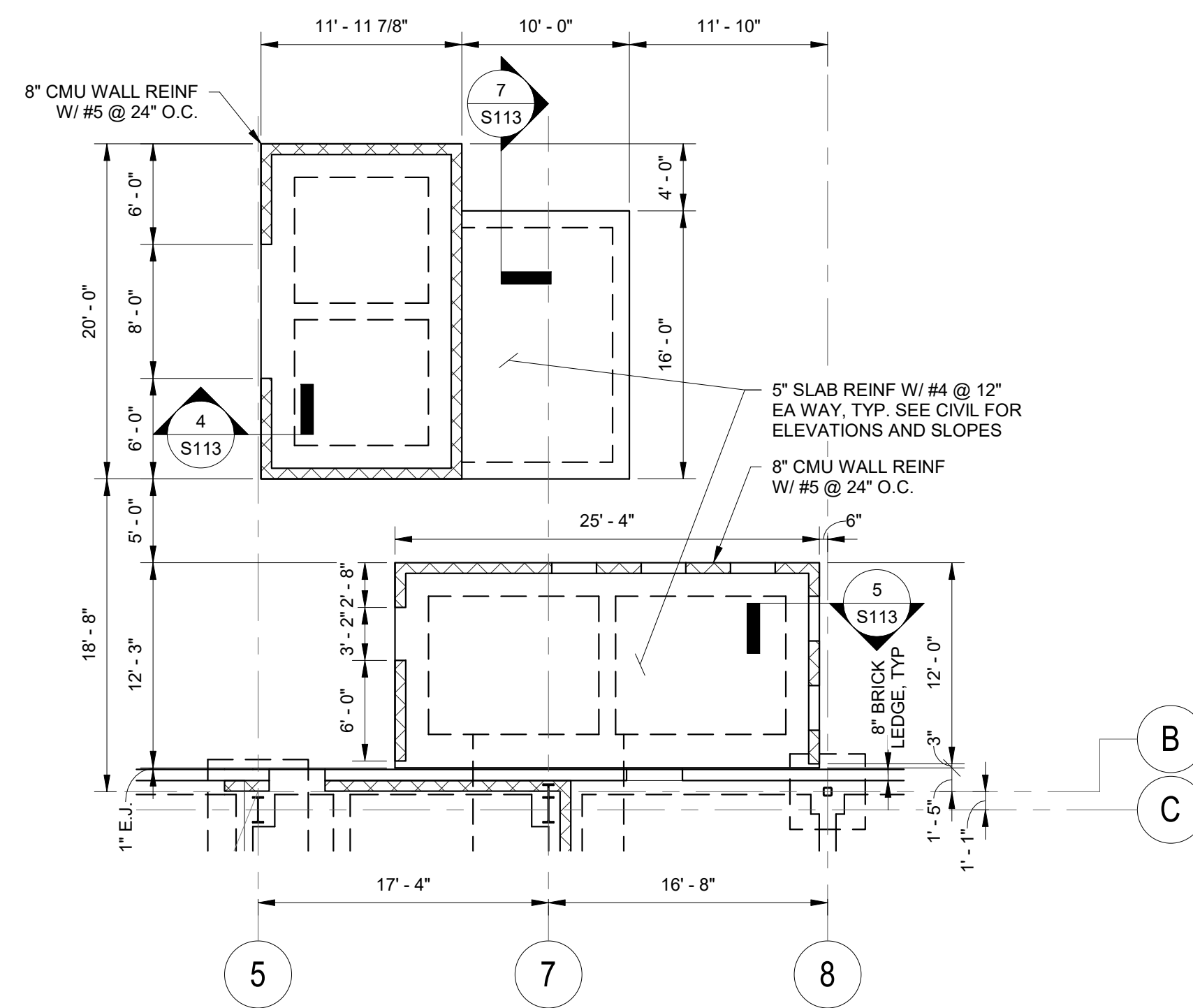


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CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

REVISIONS

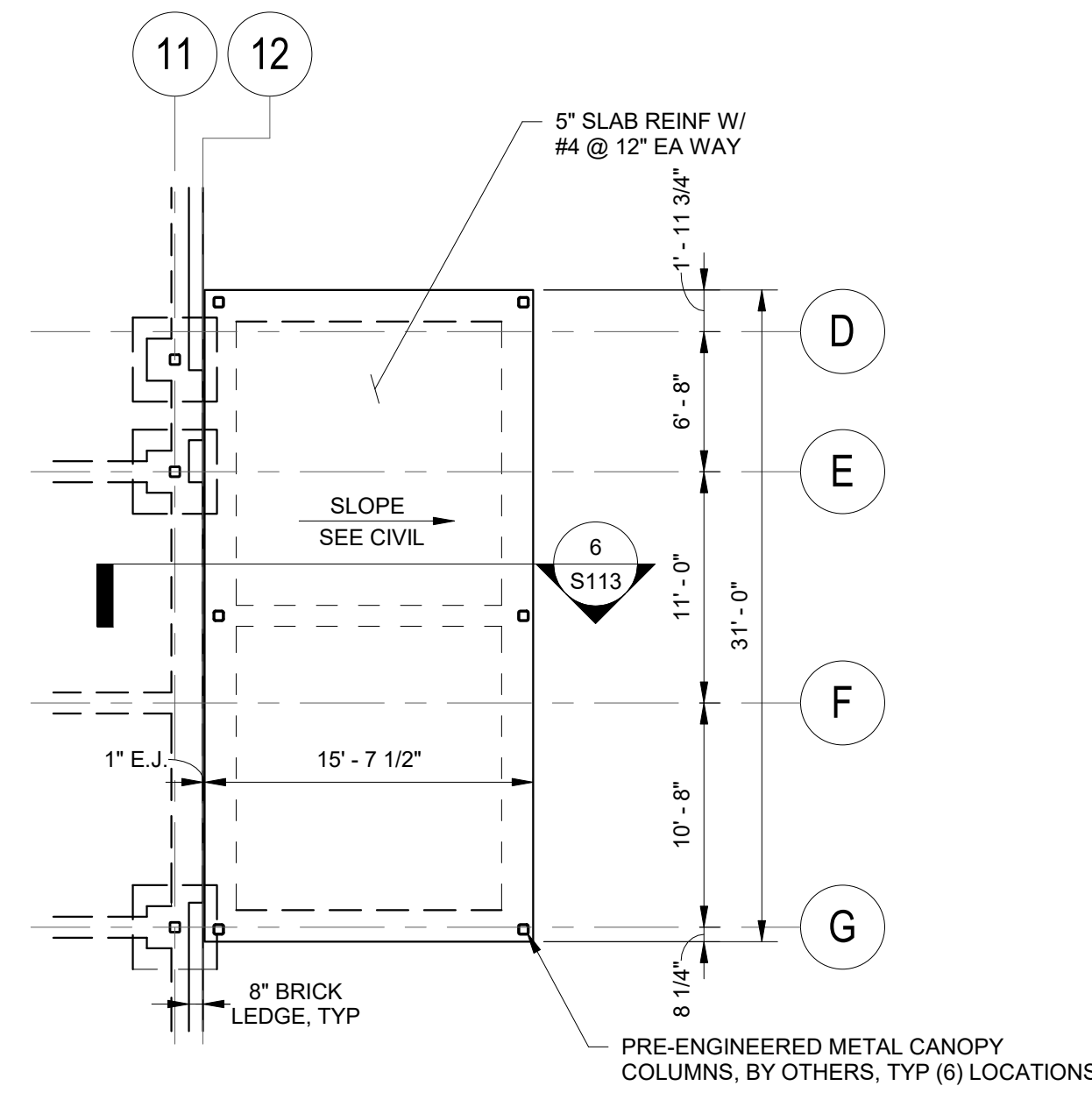
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1	ADDENDUM 3	2023.09.08



PLAN NOTES

- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
- NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
- GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
- TYPICAL SLAB-ON-GRADE IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 12" EA WAY UNLESS NOTED OTHERWISE.
- ALL EXTERIOR 8" CMU WALLS SHALL BE REINFORCED W/ #5 VERT AT 24" O.C., FILL AND REINF (2) CELLS EA SIDE OF EA OPENING AND (3) CELLS AT EA CORNER.
- SEE CIVIL FOR T.O. CONCRETE ELEVATIONS AND SLOPES, TYP ALL EXTERIOR CONCRETE SLABS.

1 PARTIAL FOUNDATION PLAN - CENTRAL STATION ENCLOSURES
1/8" = 1'-0"

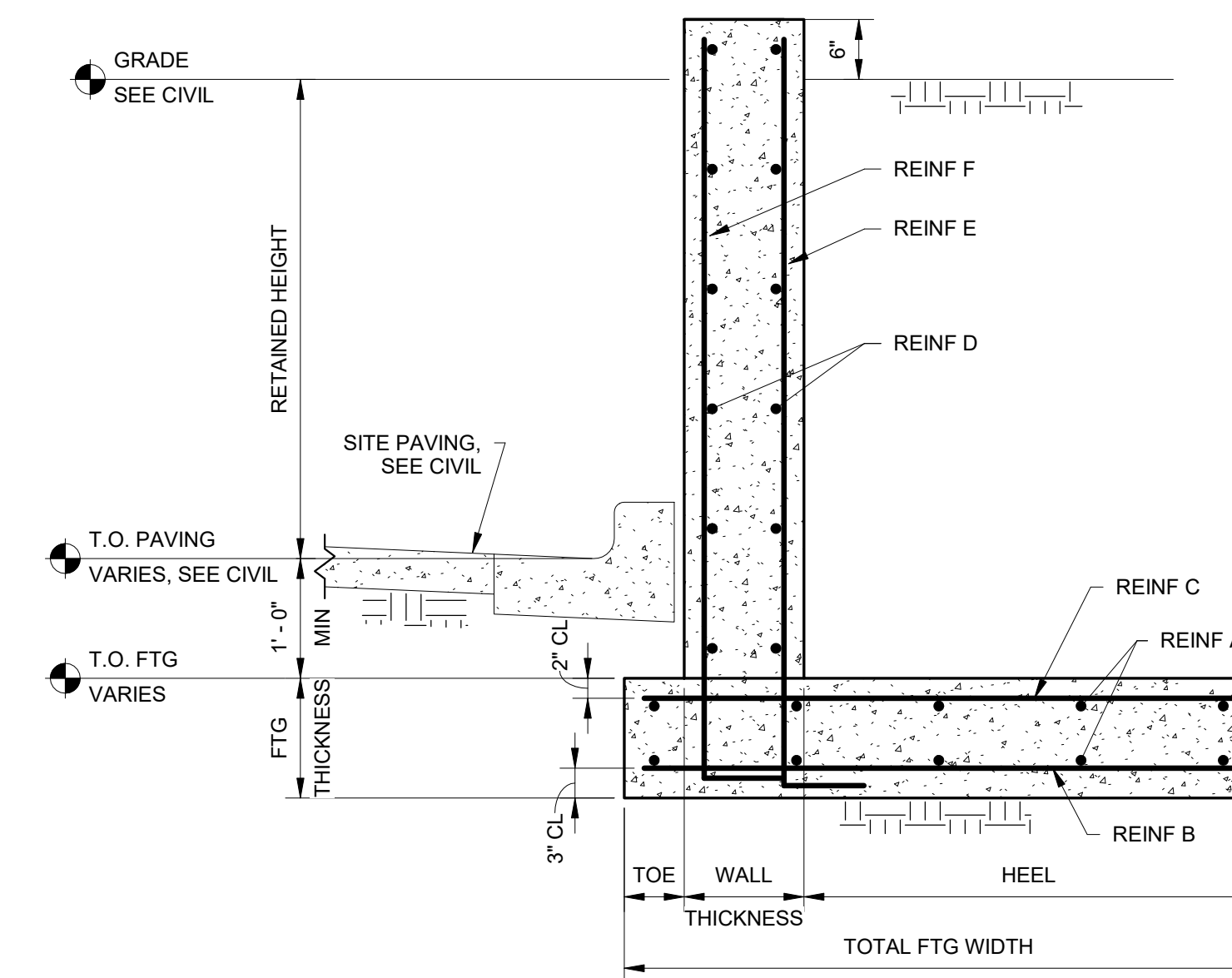


PLAN NOTES

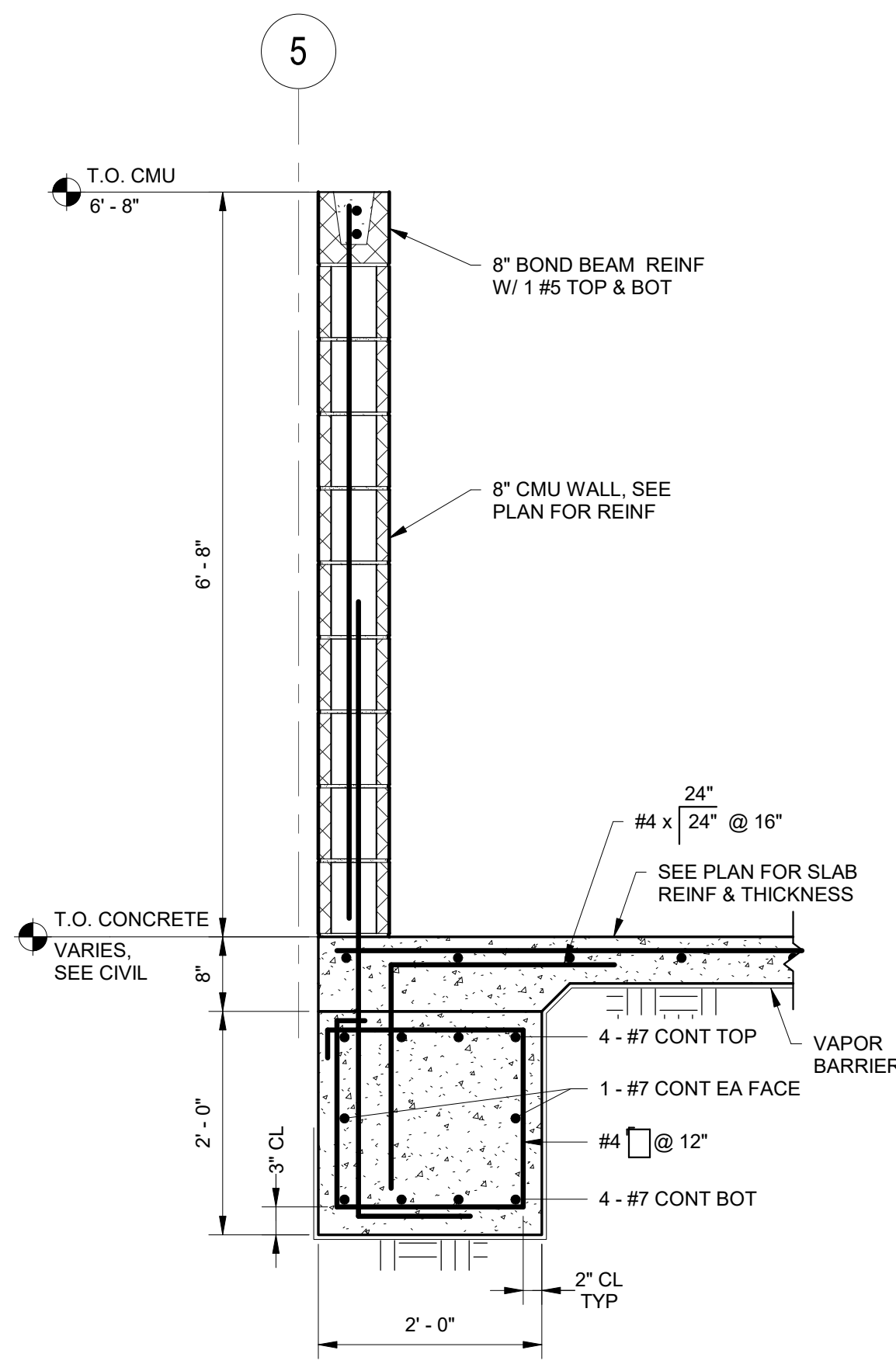
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- NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
- GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
- TYPICAL SLAB-ON-GRADE IS 5" THICK CONCRETE SLAB REINF W/ #4 @ 12" EA WAY UNLESS NOTED OTHERWISE.
- ALL EXTERIOR 8" CMU WALLS SHALL BE REINFORCED W/ #5 VERT AT 24" O.C., FILL AND REINF (2) CELLS EA SIDE OF EA OPENING AND (3) CELLS AT EA CORNER.
- SEE CIVIL FOR T.O. CONCRETE ELEVATIONS AND SLOPES, TYP ALL EXTERIOR CONCRETE SLABS.

2 PARTIAL FOUNDATION PLAN - CENTRAL STATION PATIO
1/8" = 1'-0"

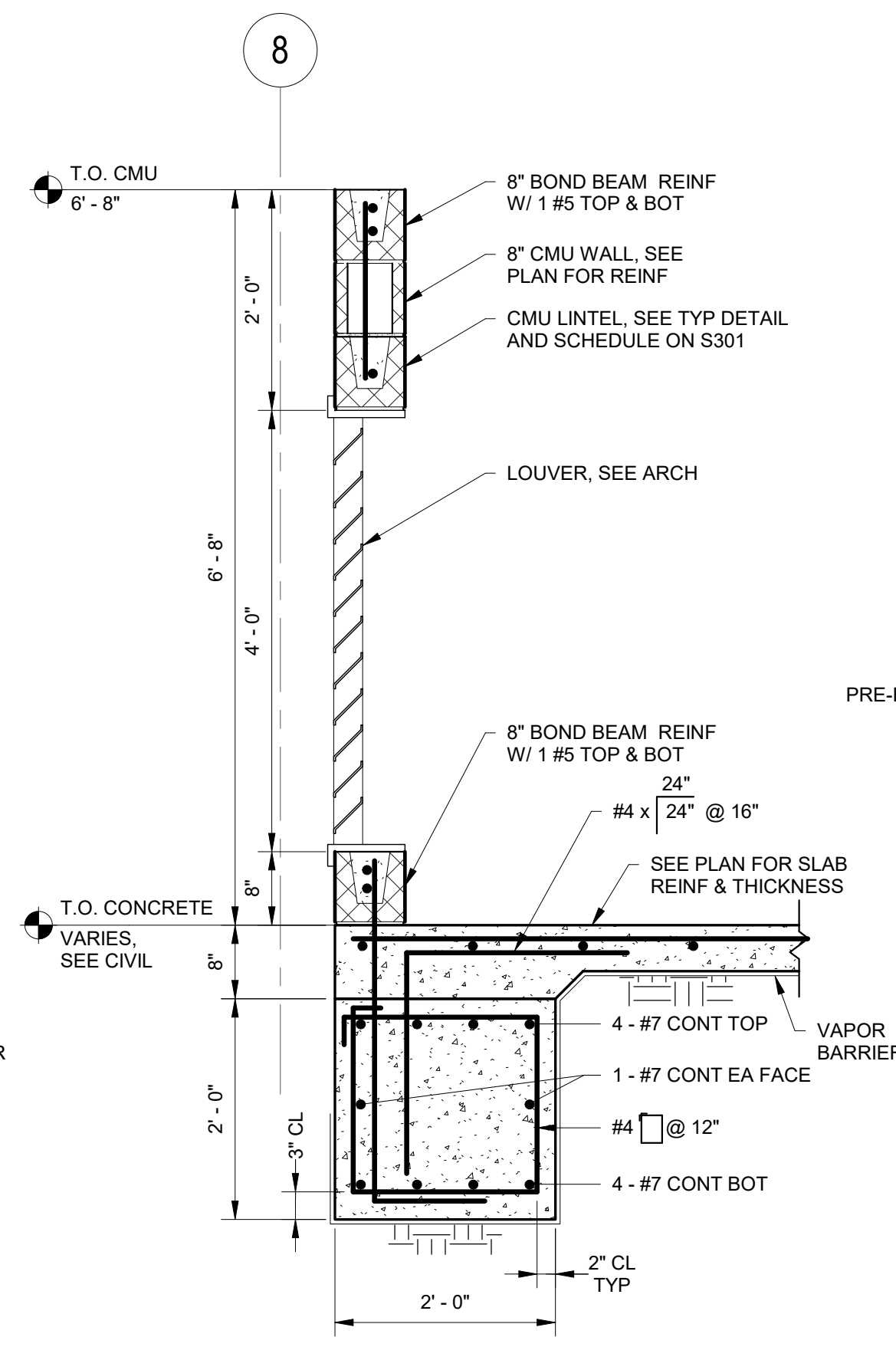
MAX RETAINED HEIGHT	WALL THICKNESS	FOOTING GEOMETRY				FOOTING REINFORCEMENT			WALL REINFORCEMENT		
		TOE	HEEL	TOTAL FTG WIDTH	FTG THICKNESS	REINF A	REINF B	REINF C	REINF D	REINF E	REINF F
2'-0"	12"	0'-6"	0'-9"	2'-3"	1'-0"	2 - #5, TOP & BOT	#5 @ 12"	#5 @ 12"	#5 @ 12", EA FACE	#5 @ 12"	#5 @ 12"
4'-0"	12"	0'-6"	3'-9"	5'-3"	1'-0"	5 - #5, TOP & BOT	#5 @ 12"	#5 @ 12"	#5 @ 12", EA FACE	#5 @ 12"	#5 @ 12"



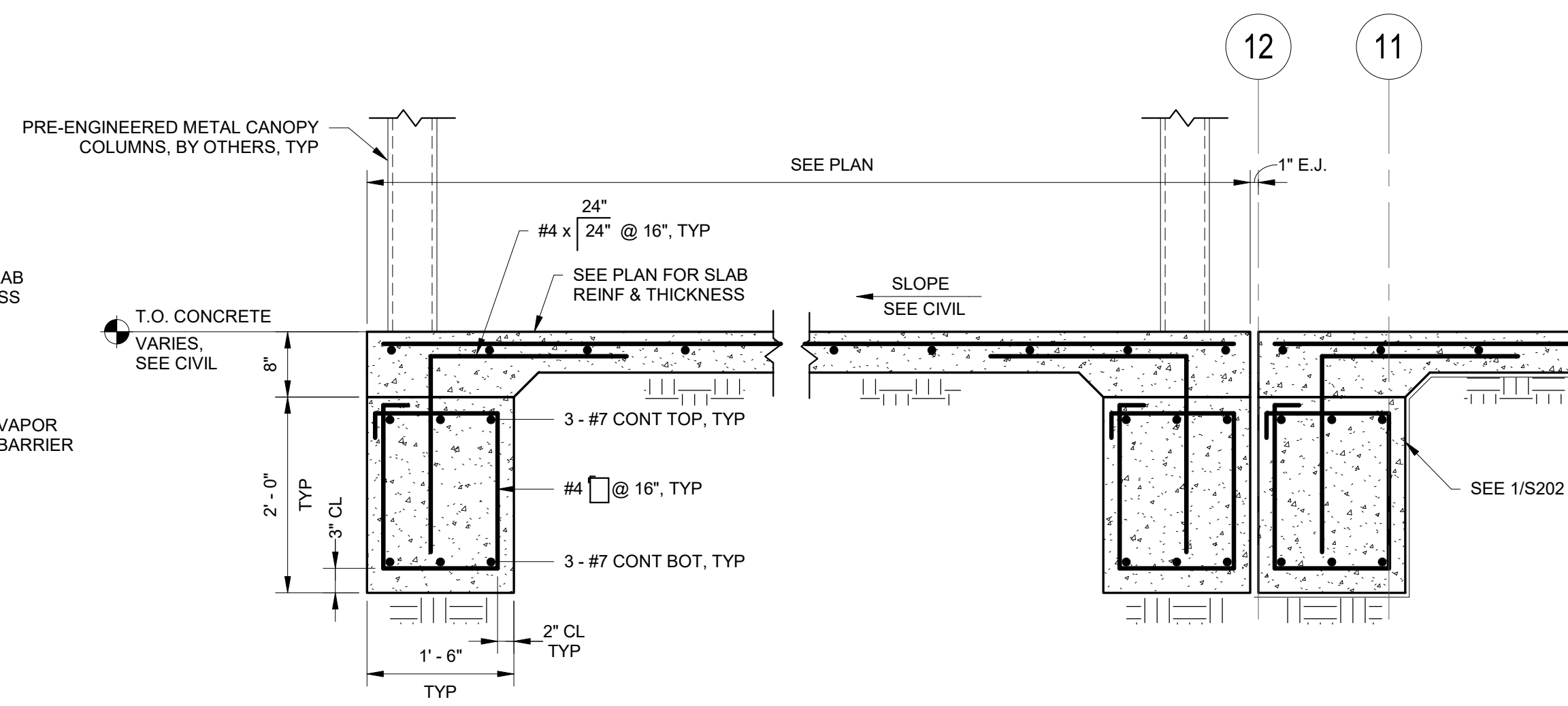
3 RETAINING WALL DETAIL
3/4" = 1'-0"



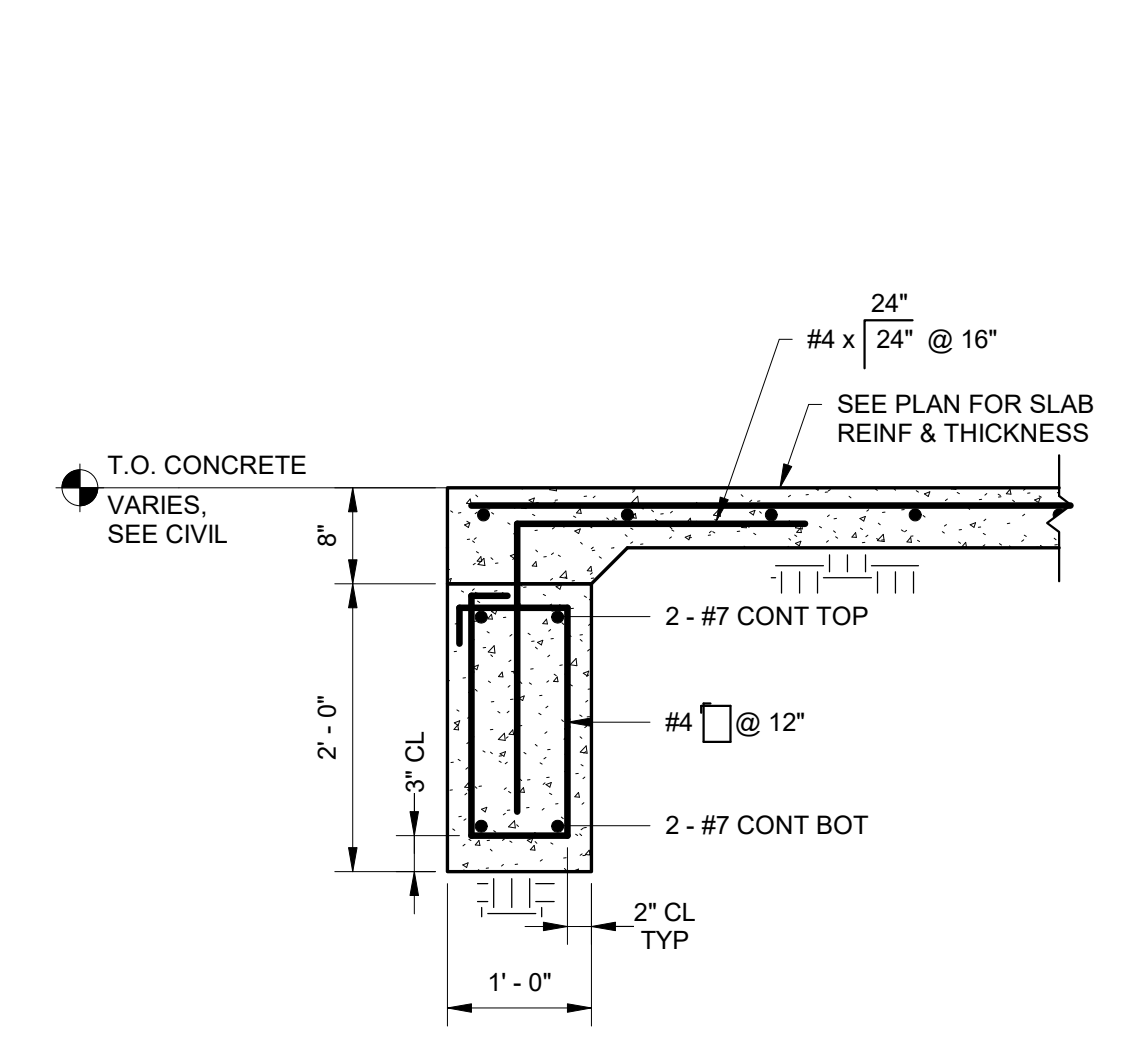
4 Section 4 - S113
3/4" = 1'-0"



5 Section 5 - S113
3/4" = 1'-0"



6 Section 6 - S113
3/4" = 1'-0"



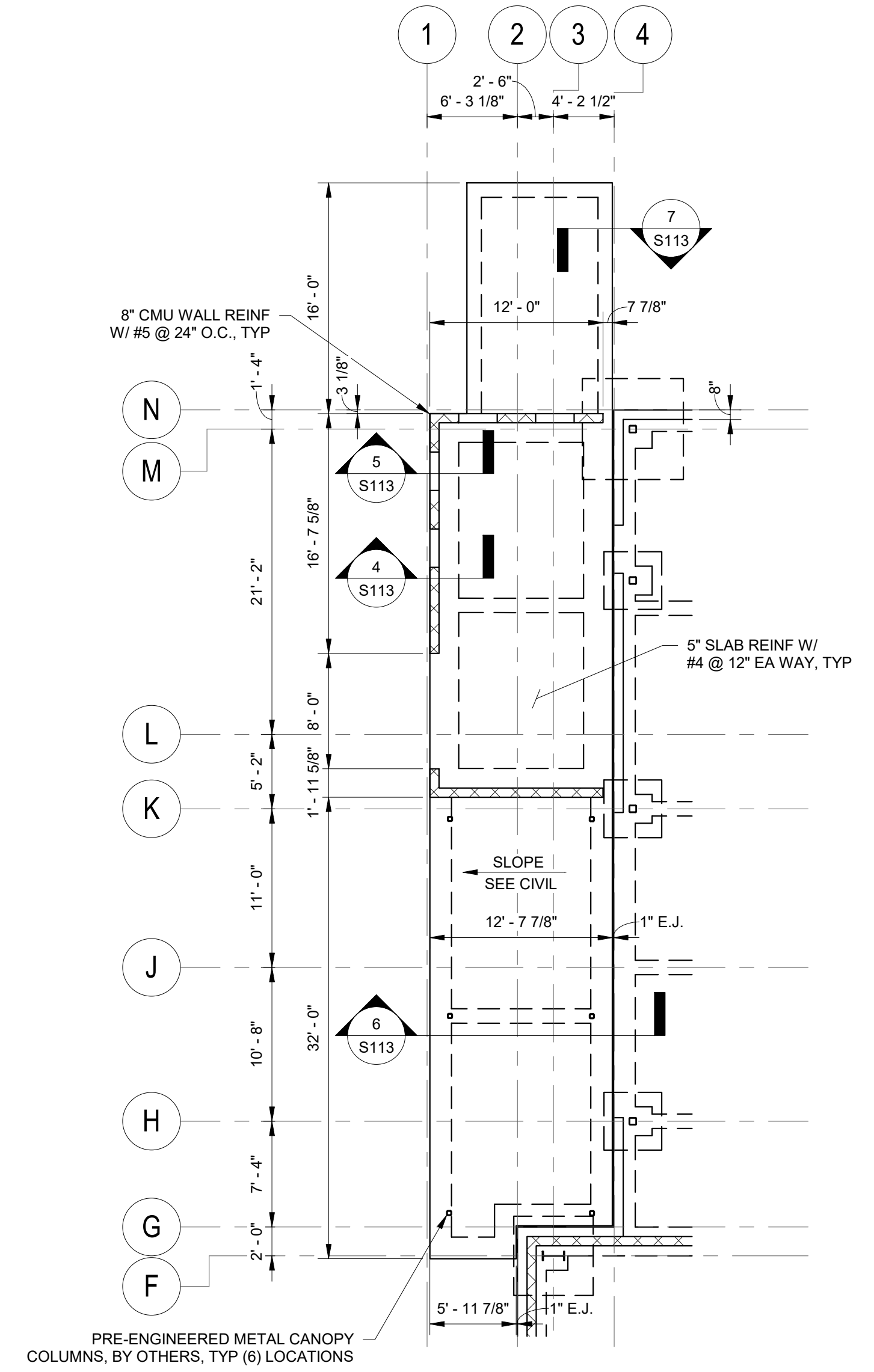
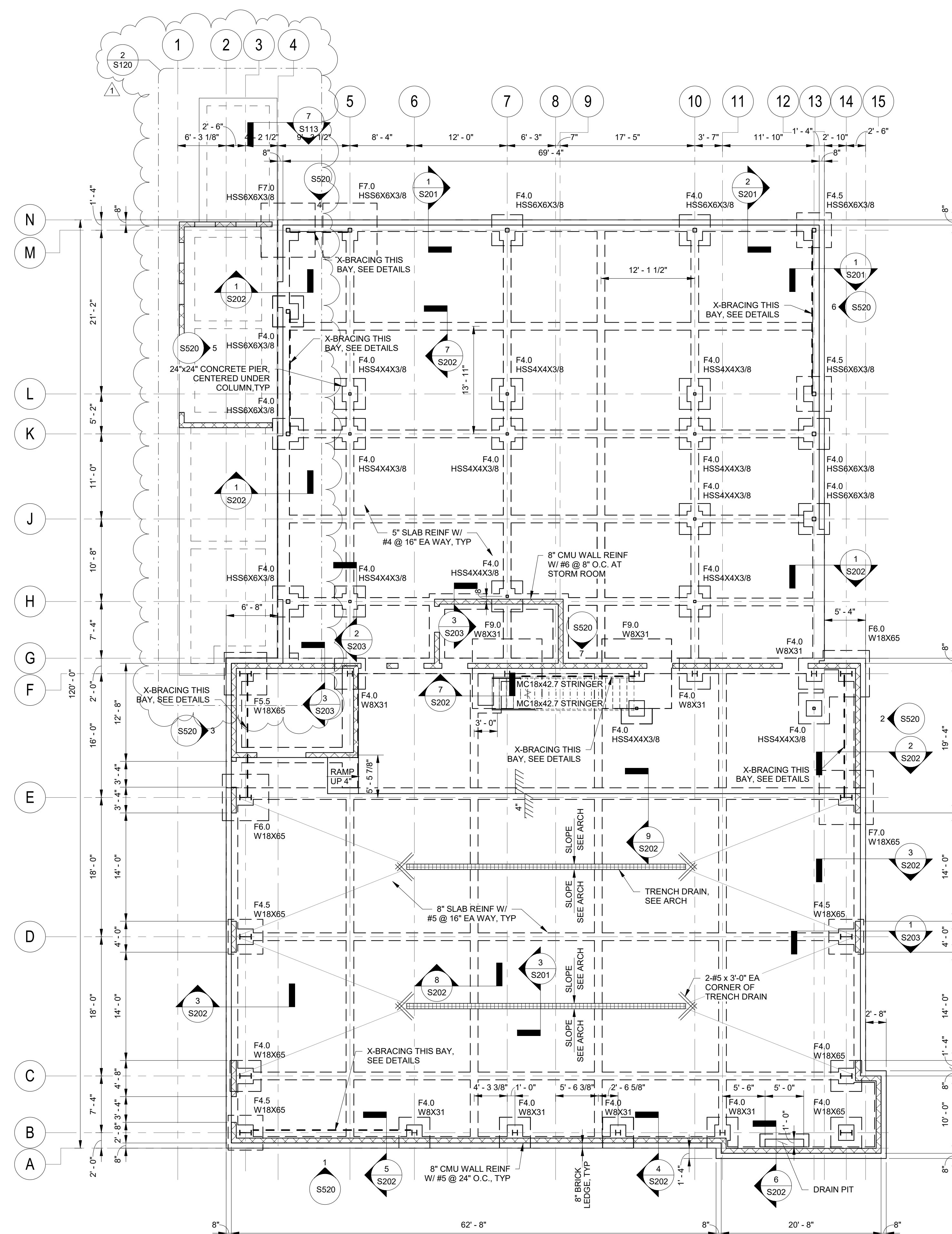
7 Section 7 - S113
3/4" = 1'-0"



2023.08.16

CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

NO.	DESCRIPTION	DATE
1	ADDENDUM 3	2023.09.08



- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
 - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
 - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
 - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
 - TYPICAL SLAB-ON-GRADE IS 5\"/>

2 PARTIAL FOUNDATION PLAN - STATION 5 ENCLOSURE
1/8" = 1'-0"

- PLAN NOTES**
- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
 - NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
 - GC SHALL COORDINATE WITH ARCH/MECH/ELEC/CIVIL DOCUMENTS.
 - GC SHALL UTILIZE GEOTECH REPORT RECOMMENDATIONS FOR SITE PREPARATION & SELECT FILL REQUIREMENTS.
 - TYPICAL SLAB-ON-GRADE IS 5\"/>

1 FOUNDATION PLAN
1/8" = 1'-0"



2023.08.16

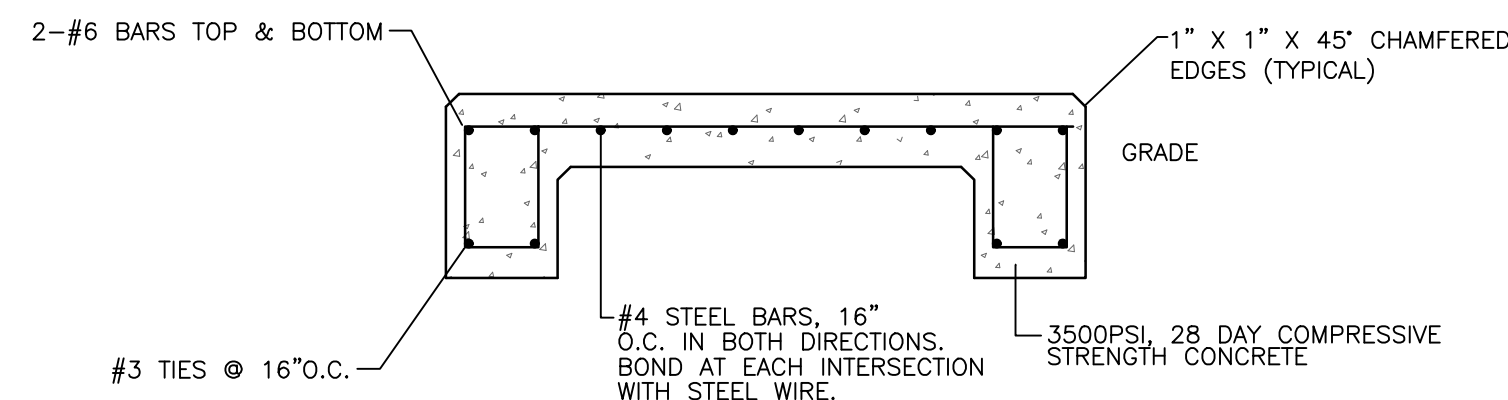
CONSTRUCTION DOCUMENTS
WBA # 22-099 & 22-108

NO.	DESCRIPTION	DATE
1	ADDENDUM 3	2023.09.08

ELECTRICAL LEGEND																													
GENERAL NOTES	FIRE ALARM SYSTEM	CONDUIT AND WIRING																											
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GF" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.</p> <p>4. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION.</p> <p>5. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.</p> <p>6. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD.</p> <p>7. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT.</p> <p>8. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p> <p>9. "W/E" INDICATES DEVICE/DISCONNECT PROVIDED WITH THE EQUIPMENT BY OTHERS.</p>	<p>☐ MANUAL PULL STATION. MOUNT 48" A.F.F. TO CENTERLINE OF BOX.</p> <p>☼ COMBINATION HORN AND STROBE. MOUNT 80" A.F.F. TO BOTTOM OF BOX.</p> <p>☼ SMOKE DETECTOR.</p> <p>☒ FIRE ALARM CONTROL PANEL. CIRCUIT BREAKER SHALL BE COLORED RED.</p> <p>☒ FIRE ALARM ANNUNCIATOR PANEL.</p> <p>☒ FLOW SWITCH.</p> <p>☒ TAMPER SWITCH.</p> <p>☼ FIRE ALARM HORN AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p> <p>☼ FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p> <p>☼ SOUNDER BASE DETECTOR.</p>	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p> <p>PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.</p> <p>LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.</p>																											
<p>LUMINAIRES (See Light Fixture Schedule)</p> <p>NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.</p> <p>① 2'x4' RECESSED FIXTURE.</p> <p>② 2'x4' RECESSED EMERGENCY FIXTURE.</p> <p>③ SURFACE MOUNTED OR SUSPENDED FIXTURE.</p> <p>④ SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.</p> <p>⑤ RECESSED CEILING FIXTURE.</p> <p>⑥ RECESSED EMERGENCY CEILING FIXTURE.</p> <p>⑦ PENDANT MOUNT FIXTURE.</p> <p>⑧ PENDANT MOUNT EMERGENCY FIXTURE.</p> <p>⑨ CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>⑩ WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>⑪ WALL MOUNTED FIXTURE.</p> <p>⑫ EMERGENCY WALL MOUNTED FIXTURE.</p> <p>⑬ SITE ARM MOUNT POLE LIGHT FIXTURE.</p> <p>⑭ FLAG POLE LIGHT FIXTURE.</p>	<p>RECEPTACLES</p> <p>☞ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>☞☞ DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>☞ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH. WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>☞ DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. RECEPTACLE SHALL BE MOUNTED, CONCEALED BEHIND THE SHROUD OF THE DRINKING FOUNTAIN.</p> <p>☞ SINGLE RECEPTACLE, NEMA 14-30R, MOUNTED 36" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED.</p> <p>☞ DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED FLUSH IN THE CEILING UNLESS NOTED OTHERWISE.</p> <p>☞ DUPLEX RECEPTACLE, NEMA 5-20R MOUNTED IN A FLOOR BOX.</p> <p>☞☞ DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX. COMMUNICATION OUTLET SHALL HAVE ONE TELEPHONE JACK AND ONE DATA JACK UNLESS NOTED OTHERWISE.</p>	<p>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>< 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 330'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</p> <p>1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.</p> <p>2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.</p> <p>3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.</p>	Voltage	Circuit Length	Conductor Size (AWG)	120	< 50'	#12	120	> 50'	#10	120	> 90'	#8	120	> 140'	#6	277	< 130'	#12	277	> 130'	#10	277	> 200'	#8	277	> 330'	#6
Voltage	Circuit Length	Conductor Size (AWG)																											
120	< 50'	#12																											
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277	> 130'	#10																											
277	> 200'	#8																											
277	> 330'	#6																											
<p>MISCELLANEOUS</p> <p>☐ PHOTOCELL.</p> <p>☉ CEILING MOUNTED JUNCTION BOX.</p> <p>☉ WALL MOUNTED JUNCTION BOX.</p> <p>~ FLEXIBLE CONNECTION TO EQUIPMENT.</p> <p>☒ LIMIT SWITCH.</p>	<p>SPEAKER SYSTEM</p> <p>☒ CEILING SPEAKER.</p> <p>☒ WALL MOUNT SPEAKER.</p>	<p>COMMUNICATIONS</p> <p>◀ DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>◀ DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH. WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER. WHERE TELEPHONE/DATA OUTLET IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>☒ WIFI.</p>																											
<p>SWITCHES</p> <p>§ SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>2§ DOUBLE-POLE, SINGLE-THROW, 3Ø AMP SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>3§ THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>4§ FOUR-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>M§ AUTOMATIC WALL SWITCH. SENSOR SWITCH #WSA-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>M0§ AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. SENSOR SWITCH #WSA-PDT-D-VA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>§ HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS (MANUAL MOTOR STARTER).</p> <p>☒ PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSOR SWITCH #CM-PDT-9 OR APPROVED EQUAL.</p> <p>☒ PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSOR SWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>☒ POWER PACK MOUNTED ABOVE CEILING. SENSOR SWITCH #PP20 OR APPROVED EQUAL.</p>	<p>CEAR</p> <p>☒ FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES).</p> <p>☒ NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.</p> <p>☒ PANELBOARD.</p>	<p>CCTV SYSTEM</p> <p>☒ CEILING MOUNTED CAMERA.</p> <p>☒ WALL MOUNTED CAMERA.</p> <p>☒ INSIDE CORNER MOUNTED CAMERA.</p> <p>☒ OUTSIDE CORNER MOUNTED CAMERA.</p> <p>☒ WALL MOUNTED MONITOR.</p> <p>☒ DESK MOUNTED MONITOR.</p>																											

GENERATOR PAD NOTE:

A. VERIFY GENERATOR DIMENSIONS AND CONDUIT STUB-UP LOCATIONS PRIOR TO POURING PAD. A 12" OVERHANG SHALL BE PROVIDED ON EACH SIDE OF THE GENERATOR. PROVIDE PVC SLEEVES AS REQUIRED FOR THE GROUNDING ELECTRODE CONDUCTORS. GENERATOR PAD SIZE SHALL BE ADJUSTED AS REQUIRED FOR ACTUAL GENERATOR THAT THE CONTRACTOR PROVIDES.



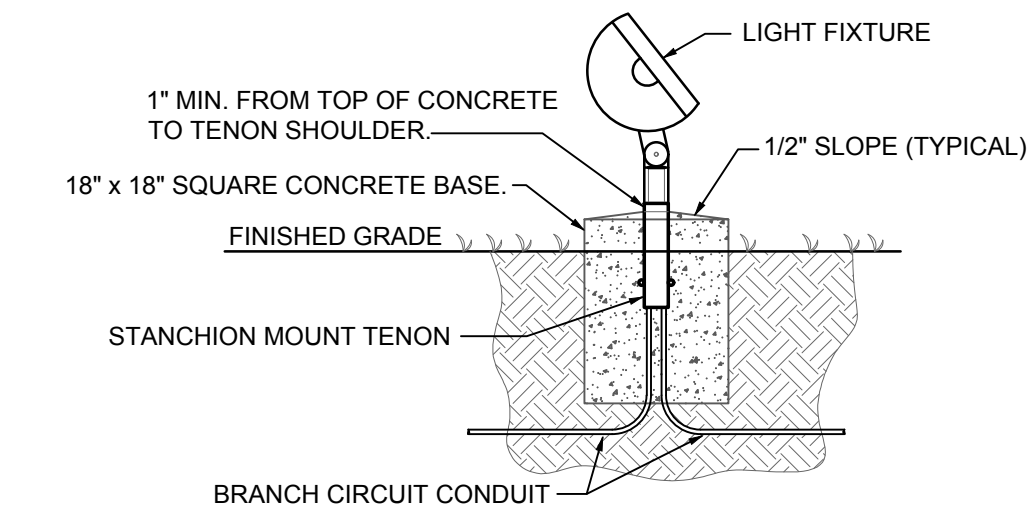
GENERATOR PAD DETAIL
Scale: NONE

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	CPX-2X4-4000LM-80CRI-40K-SWL MIN10-ZT-MVOLT	LED, 36W 4,936 LUMENS	RECESSED	
AE	LITHONIA	CPX-2X4-4000LM-80CRI-40K-SWL MIN10-ZT-MVOLT-E10WLCP	LED, 36W 4,936 LUMENS	RECESSED	*WITH 120V EMERGENCY BATTERY PACK.
B	LITHONIA	LDN6-40/15-LO6-AR-LSS-MVOLT GZ10	LED, 17W 1,514 LUMENS	RECESSED	
BE	LITHONIA	LDN6-40/15-LO6-AR-LSS-MVOLT GZ10-E10WCP	LED, 17W 1,514 LUMENS	RECESSED	*WITH 120V EMERGENCY BATTERY PACK.
C	LITHONIA	IBC-2400LM-SEF-L/LENS-GND MVOLT-GZ10-40K-80CRI-HBBS36	LED, 135W 24,490 LUMENS	SUSPENDED	
CE	LITHONIA	IBC-2400LM-SEF-L/LENS-GND MVOLT GZ10-40K-80CRI-E10WCP-HBBS36	LED, 135W 24,490 LUMENS	SUSPENDED	*WITH 120V EMERGENCY BATTERY PACK.
D	LITHONIA	FEM-L48-6000LM-LPAFL-MD-MVOLT GZ10-40K-80CRI	LED, 37W 5,978 LUMENS	SUSPENDED/SURFACE	
DE	LITHONIA	FEM-L48-6000LM-LPAFL-MD-MVOLT GZ10-40K-80CRI-E10WCP	LED, 37W 5,978 LUMENS	SUSPENDED/SURFACE	*WITH 120V EMERGENCY BATTERY PACK.
F	TECH LIGHTING	SKU: 700TDJNIB-LED930	LED, 12W	PENDANT	
G	TECH LIGHTING	SKU: 700BCBAU24B-LED930	LED, 12W	WALL	
H	BETACALCO	MCYL1P18-CR90-CTA40-BA42-V1 DA01-*	LED, 17W	PENDANT	*FINISH BY ARCHITECH.
J	LITHONIA	LP6-602AZ	(1) 60W (RED)	RECESSED	USE RED BULBS LIGHT ENERGIZES ON TONE-OUT
SA	LITHONIA	RSX1 LED-P3-40K-R4-MVOLT-SPA PE-DBLXD	LED, 109W 9,972 LUMENS	POLE	POLE: SSS-25-5G-T20-DBLXD
SB	HYDREL	LOWELL-2/9LED38-40K-120-FL CM4-L2-G2-BL	LED, 12W 700 LUMENS	WALL	
SC	LITHONIA	WT PEL-DBLXD-UVOLT-LTP-SDRT	LED, 11W	WALL	*WITH 120V EMERGENCY BATTERY PACK.
SD	LITHONIA	DSXF3 LED-P4-40K-70CRI-WFL MVOLT-IS-DBLXD	LED, 189W 27,233 LUMENS	SLIPFITTER GROUND	6' SETBACK FROM FLAG POLE
X	LITHONIA	LQM-S-W-3-R-MVOLT-EL N-S	LED	UNIVERSAL	*WITH 120V EMERGENCY BATTERY PACK.

SHEET INDEX

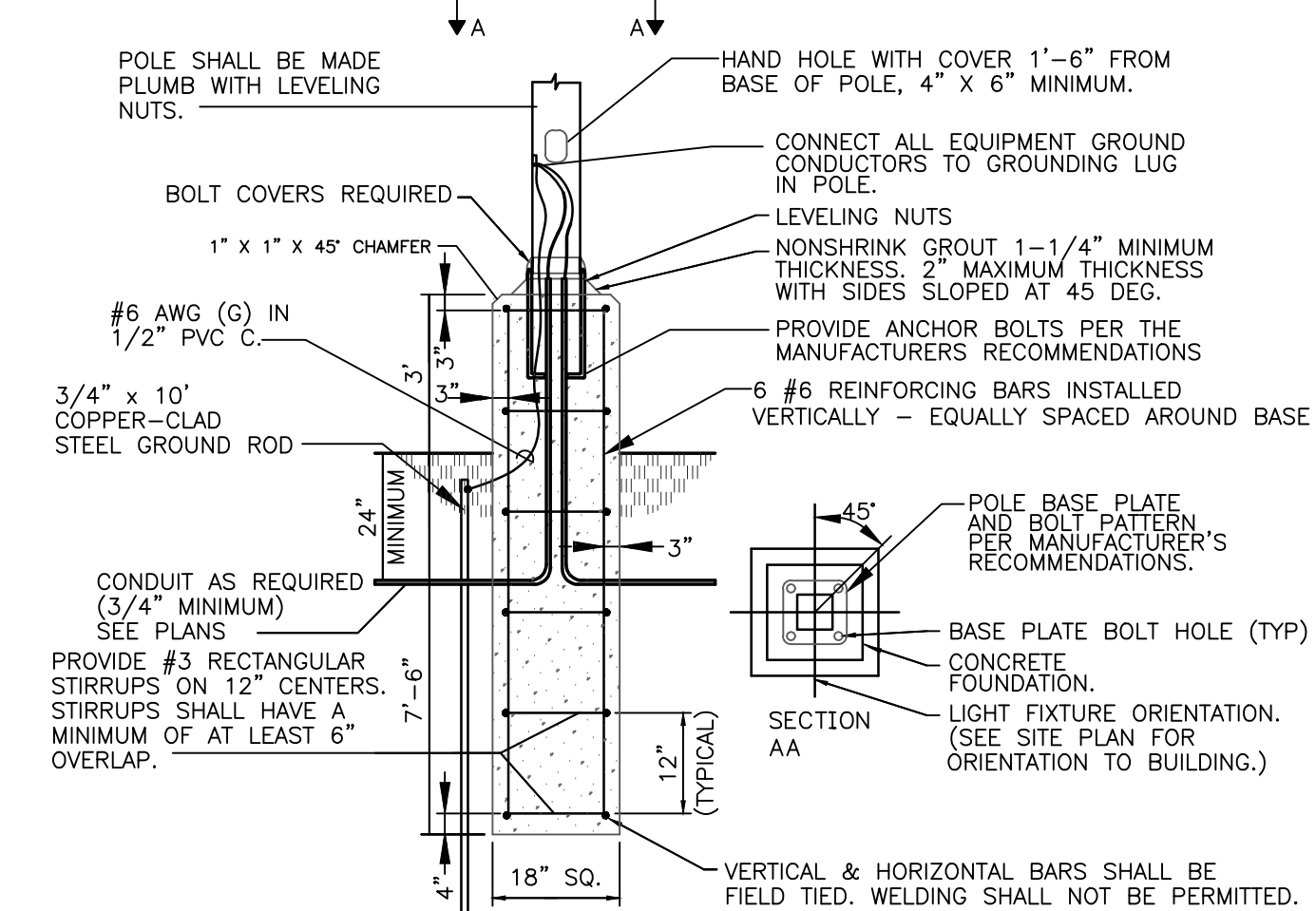
SHEET	Description
E000	ELECTRICAL LEGEND
E001	ELECTRICAL SITE PLAN - CENTRAL FIRE STATION
E110	LIGHTING PLAN - FIRST FLOOR - CENTRAL FIRE STATION
E111	LIGHTING PLAN - MEZZANINE - CENTRAL FIRE STATION
E002	ELECTRICAL SITE PLAN - FIRE STATION 5
E120	LIGHTING PLAN - FIRST FLOOR - FIRE STATION 5
E121	LIGHTING PLAN - MEZZANINE - FIRE STATION 5
E210	POWER PLAN - FIRST FLOOR - CENTRAL FIRE STATION
E211	POWER PLAN - MEZZANINE - CENTRAL FIRE STATION
E220	POWER PLAN - FIRST FLOOR - FIRE STATION 5
E221	POWER PLAN - MEZZANINE - FIRE STATION 5
E310	MECHANICAL PLAN - FIRST FLOOR - CENTRAL FIRE STATION
E311	MECHANICAL PLAN - MEZZANINE - CENTRAL FIRE STATION
E320	MECHANICAL PLAN - FIRST FLOOR - FIRE STATION 5
E321	MECHANICAL PLAN - MEZZANINE - FIRE STATION 5



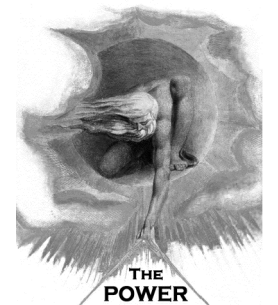
1 FIXTURE MOUNTING DETAIL - FIXTURE SD
Scale: NONE

NOTES FOR DETAILS 3 AND 4:

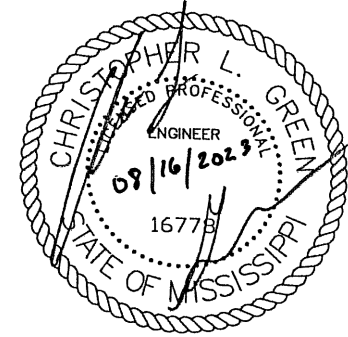
- 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
- IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
- FOUNDATION EXCAVATION SHALL BE BY 24" AUGAR IN UNDISTURBED OR PROPERLY COMPACTED FILL.
- MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
- AIR ENTRAINMENT: 4 TO 6%.



2 BASE DETAIL
Scale: NONE



THE POWER SOURCE
305 Highway 51
Ridgeland, MS 39157
Voice (601) 605-4820
Fax (601) 605-4875
TPS Proj. # 23019



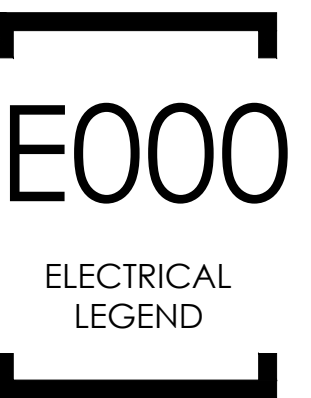
PEARL FIRE STATIONS

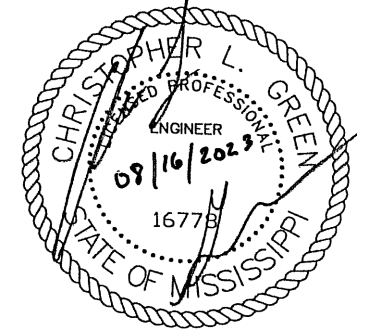
CITY OF PEARL
2420 Old Brandon Rd.
Pearl, MS 39208

2023.08.16

CONSTRUCTION DOCUMENTS
WBA # 22-108

NO.	DESCRIPTION	DATE
3	ADDENDUM 3 9/8/23	





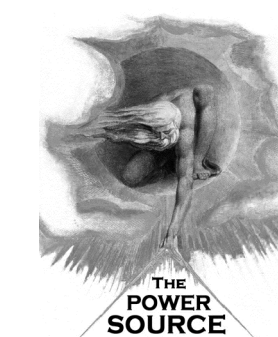
PANEL		LOCATION: ELECTRICAL ROOM		LUG LOCATION: BOTTOM FEED		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 14,000	
MDP		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: 400A		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 14,000	
CIRCUIT NO.	BREAKER AMPS	POLES	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER AMPS	POLES	CIRCUIT NO.	
				A	B	C					
1	35	2	CU-C-01	1.7	3.4		CU-C-03	60	2	2	
3	-	-	-	-	-	1.7	3.4	-	-	4	
5	60	2	CU-C-02					60	2	6	
7	-	-	-	3.4	3.4	3.4	3.4	-	-	8	
9	35	2	EF-C-10			2.1	6.1			10	
11	-	-	-			2.1	6.1			12	
13	15	2	DCU-C-01, DSS-C-01	0.8	6.1					14	
15	-	-	-			0.8	1.9			16	
17	30	2	DCU-C-02, DSS-C-02					1.6	1.9	18	
19	-	-	-	1.6	1.9					20	
21	60	2	SPARE			0.0	1.9			22	
23	-	-	-			0.0	1.9			24	
25	100	3	SPARE	0.0	1.9					26	
27	-	-	-			0.0	0.0			28	
29	-	-	-			0.0	0.0			30	
31	35	2	SPARE	0.0	0.0			60	2	32	
33	-	-	-			0.0	0.0			34	
35	-	-	SPACE			0.0	0.0	100	3	36	
37	-	-	SPACE	0.0	0.0					38	
39	-	-	SPACE			0.0	0.0			40	
41	-	-	SPACE			0.0	0.0			42	
43	-	-	SPACE	0.0	0.0					44	
45	-	-	SPACE			0.0	0.0			46	
47	-	-	SPACE			0.0	0.0			48	
49	-	-	SPACE	0.0	27.4					50	
51	-	-	SPACE			0.0	25.1			52	
53	-	-	SPACE			0.0	22.7			54	
TOTAL				51.6	43.1	43.0					*GFCI BREAKER

PANEL		LOCATION: ELECTRICAL		LUG LOCATION: TOP FEED		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 22,000	
MDP5		VOLT: 240/120V, 1Ø, 3W		MAIN BUS: 400A		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 22,000	
CIRCUIT NO.	BREAKER AMPS	POLES	DESCRIPTION	PHASE LOAD (KVA)		DESCRIPTION	BREAKER AMPS	POLES	CIRCUIT NO.		
				L1	L2						
1	60	2	CU-01	3.9	2.0	EF-07	35	2	2		
3	-	-	-	-	-	-	-	-	-	4	
5	60	2	CU-02	3.9	1.9	WASHER EXTRACTOR	30	2	6		
7	-	-	-	-	-	-	-	-	-	8	
9	35	2	CU-03	2.3	0.0	SPARE	30	2	10		
11	-	-	-	-	-	-	-	-	-	12	
13	35	2	SPARE	0.0	0.0	SPARE	35	2	14		
15	-	-	-	0.0	0.0	SPARE	-	-	16		
17	60	2	SPARE	0.0	0.0	SPARE	60	2	18		
19	-	-	-	0.0	0.0	SPARE	-	-	20		
21	100	2	SPARE	0.0	0.0	SPACE			22		
23	-	-	-	0.0	0.0	SPACE			24		
25	-	-	SPACE	0.0	0.0	SPACE			26		
27	-	-	SPACE	0.0	0.0	SPACE			28		
29	-	-	SPACE	0.0	0.0	SPACE			30		
31	-	-	SPACE	0.0	0.0	SPACE			32		
33	-	-	SPACE	0.0	0.0	SPACE			34		
35	-	-	SPACE	0.0	0.0	SPACE			36		
37	-	-	SPACE	0.0	0.0	SPACE			38		
39	-	-	SPACE	0.0	0.0	SPACE			40		
41	-	-	SPACE	0.0	0.0	SPACE			42		
43	-	-	SPACE	0.0	0.0	SPACE			44		
45	-	-	SPACE	0.0	0.0	SPACE			46		
47	-	-	SPACE	0.0	0.0	SPACE			48		
49	-	-	SPACE	0.0	0.0	SPACE			50		
51	-	-	SPACE	0.0	26.2	PANEL "PB"	225	2	52		
53	-	-	SPACE	0.0	24.0	-	-	-	54		
TOTAL				38.0	40.3						*GFCI BREAKER

PANEL		LOCATION: ELECTRICAL ROOM		LUG LOCATION: BOTTOM FEED		MAIN LUGS ONLY W/ FEED THRU LUGS		SURFACE		PANELBOARD AIC RATING (A): 14,000	
PA		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: 225A		MAIN LUGS ONLY W/ FEED THRU LUGS		SURFACE		PANELBOARD AIC RATING (A): 14,000	
CIRCUIT NO.	BREAKER AMPS	POLES	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER AMPS	POLES	CIRCUIT NO.	
				A	B	C					
1	20	1	LTS. - DAY ROOM, HALLWAY, TURNOUT	1.3	0.7		REC. - CAPTAIN'S BUNK ROOM 129	20	1	2	
3	20	1	LTS. - BUNKROOMS, ELECTRICAL			1.3	0.7	20	1	4	
5	20	1	LTS. - SHOP					20	1	6	
7	20	1	LTS. - SHOP	1.1	1.4	1.1	0.7	20	1	8	
9	20	1	LTS. - LOBBY, OFFICE			0.9	0.7	20	1	10	
11	20	1	LTS. - EXTERIOR			0.0	0.5	20	1	12	
13	20	1	REC. - OFFICE 106, 107	1.4	0.7			20	1	14	
15	20	1	REC. - OFFICE 108, 109			1.4	0.7	20	1	16	
17	20	1	REC. - BATTALION CHIEF OFFICE 110				0.9	0.5	20	1	18
19	20	1	REC. - HALLWAY 105	0.4	0.5			20	1	20	
21	20	1	REC. - BATHROOMS			0.4	0.5	20	1	22	
23	20	1	REC. - DISPATCH 114			0.7	0.9	20	1	24	
25	20	1	REC. - DAY ROOM 115	1.1	0.4			20	1	26	
27	20	1	REC. - KITCHEN 116			0.5	0.7	20	1	28	
29	20	1	REC. - REFRIGERATOR			0.8	1.4	20	1	30	
31	20	1	REC. - REFRIGERATOR	0.8	1.3			20	1	32	
33	20	1	REC. - REFRIGERATOR			0.8	1.3	20	1	34	
35	20	1	REC. - REFRIGERATOR			0.8	0.4	20	1	36	
37	*20	1	REC. - DRINKING FOUNTAIN	0.5	0.5			20	1	38	
39	*20	1	REC. - DRINKING FOUNTAIN			0.5	0.2	20	1	40	
41	20	1	REC. - SHOP			0.4	0.2	20	1	42	
43	20	1	REC. - SHOP	0.4	1.0			20	1	44	
45	20	1	REC. - ELECTRICAL ROOM 132, STO 133, JAN 131			0.5	1.0	20	1	46	
47	15	1	UH-C-01			0.5	1.0	20	1	48	
49	15	1	UH-C-02	0.5	1.0			20	1	50	
51	15	1	UH-C-03			0.5	1.0	20	1	52	
53	15	1	UH-C-04			0.5	1.0	20	1	54	
TOTAL				15.0	13.7	12.3					*GFCI BREAKER

PANEL		LOCATION: ELECTRICAL		LUG LOCATION: TOP FEED		MAIN LUGS ONLY W/FEED THRU LUGS		SURFACE		PANELBOARD AIC RATING (A): 22,000	
PB - SEC. 1		VOLT: 240/120V, 1Ø, 3W		MAIN BUS: 225A		MAIN LUGS ONLY W/FEED THRU LUGS		SURFACE		PANELBOARD AIC RATING (A): 22,000	
CIRCUIT NO.	BREAKER AMPS	POLES	DESCRIPTION	PHASE LOAD (KVA)		DESCRIPTION	BREAKER AMPS	POLES	CIRCUIT NO.		
				L1	L2						
1	20	1	LTS. - DAYROOM, STORAGE, HALLWAY, LOBBY	0.9	0.5	BLOCK HEATER	20	1	2		
3	20	1	LTS. - SHOP			BATTERY CHARGER	20	1	4		
5	20	1	LTS. - SHOP	1.1	0.5	REC. - TDBB	20	1	6		
7	20	1	LTS. - ELEC. JAN, BUNK ROOMS, HALLWAY			REC. - TDBB	20	1	8		
9	20	1	LTS. - PARKING LOT	0.7	1.4	REC. - BUNK ROOM 112, 110	20	1	10		
11	20	1	TUNE OUT LTS			REC. - BUNK ROOM 109, 107	20	1	12		
13	20	1	REC. - SHIFT OFFICE	0.7	0.5	REC. - BUNK ROOM 105	20	1	14		
15	20	1	REC. - SHIFT OFFICE			REC. - BR 111, 108, 105	20	1	16		
17	20	1	REC. - LOBBY, BATHROOM	0.5	0.4	REC. - HALLWAY 102	20	1	18		
19	20	1	REC. - DISPATCH, TURNOUT			REC. - JAN, ELEC.	20	1	20		
21	20	1	REC. - BATHROOM, STORAGE, SHOP	0.5	0.9	REC. - DAY ROOM	20	1	22		
23	20	1	REC. - POWER TOWER			REC. - MICROWAVE	20	1	24		
25	20	1	REC. - STAIR MACHINE	1.0	1.3	REC. - DISHWASHER	20	1	26		
27	20	1	REC. - TREADMILL			REC. - KITCHEN	20	1	28		
29	20	1	REC. - BIKE	1.0	0.5	REC. - DRINKING FOUNTAIN	*20	1	30		
31	20	1	REC. - SHOP	0.5	0.8	REC. - REFRIGERATOR	20	1	32		
33	20	1	REC. - SHOP	1.0	0.8	REC. - REFRIGERATOR	20	1	34		
35	20	1	REC. - SHOP	0.2	0.8	REC. - REFRIGERATOR	20	1	36		
37	20	1	REC. - SHOP	0.2	0.5	REC. - KITCHEN	20	1	38		
39	20	1	REC. - ATTIC			UH-1	20	1	40		
41	20	1	DH-01	1.6	0.5	UH-2	20	1	42		
43	20	1	DH-02			F/E-01	30	1	44		
45	20	1	DH-03	1.0	1.9	F/E-02	30	1	46		
47	20	1	MOTORIZED DOORS			F/E-03	20	1	48		
49	20	1	MOTORIZED DOORS	1.2	0.5	WH-01, CP-01	20	1	50		
51	20	1	MOTORIZED DOORS			REC. - DRYER	30	2	52		
53	20	1	MOTORIZED DOORS	1.2	2.5	-	-	-	54		
TOTAL				24.8	23.5						*GFCI BREAKER

PANEL		LOCATION: ELECTRICAL ROOM		LUG LOCATION: TOP FEED		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 14,000	
PA - SEC. 2		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: 225A		MAIN LUGS ONLY		SURFACE		PANELBOARD AIC RATING (A): 14,000	
CIRCUIT NO.	BREAKER AMPS	POLES	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER AMPS	POLES	CIRCUIT NO.	
				A	B	C					
55	20	1	LTS. - PARKING LOT	0.8	0.3		TUNE OUT LTS	20	1	56	
57	20	1	LTS. - PARKING LOT			0.7	0.5	20	1	58	
59	20	1	LTS. - ELEC. LAUNDRY, BUNK ROOMS					20	1	60	
61	25	1	F/E-C-01	1.7	0.7			20	1	62	
63	30	1	F/E-C-02			1.9	1.0	20	1	64	
65	30	1	F/E-C-03			1.9	1.6	20	1	66	
67	30	1	F/E-C-04	1.9	1.0			20	1	68	
69	20	1	MOTORIZED DOOR			1.2	1.0	20	1	70	
71	20	1	MOTORIZED DOOR			1.2	0.5	20	1	72	
73	20	1	MOTORIZED DOOR	1.2	2.5			30	2	74	
75	20	1	MOTORIZED DOOR			1.2	2.5	-	-	76	
77	20	1	MOTORIZED DOOR			1.2	1.0	20	1	78	
79	20	1	MOTORIZED DOOR	1.2	0.2			20	1	80	
81	15	1	KH-C-01			0.2	0.2	20	1	82	
83	15	1	LVR-01			0.2	0.2	20	1	84	
85	20	1	REC. - ICE MACHINE	0.5	0.2			20	1	86	
87	20	1	SIGN			0.5	0.2	20	1	88	
89	20	1	SIGN			0.5	0.4	20	1	90	
91	20	1	SPARE	0.0	0.4			20	1	92	
93	20	1	SPARE	</							

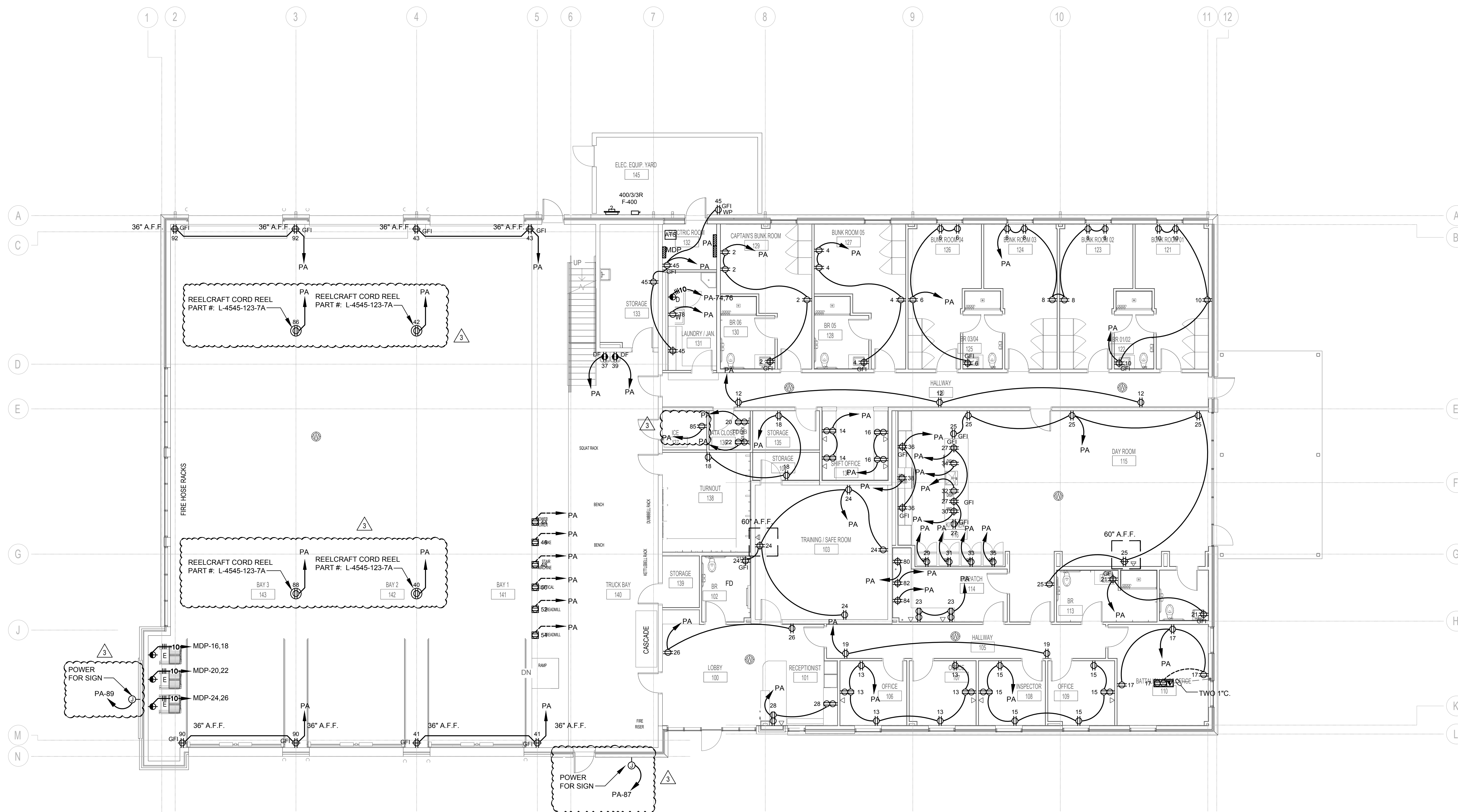
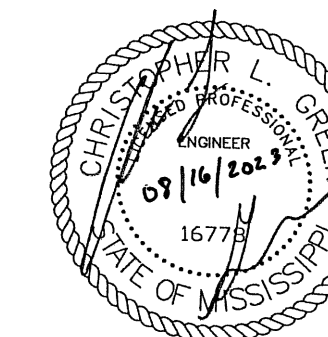


305 Highway 51
 Ridgeland, MS 39157
 VOICE (601) 605-4820
 FAX (601) 605-4875
 TPS PROJ. # 23019



PEARL FIRE STATIONS

CITY OF PEARL
 2420 Old Brandon Rd.
 Pearl, MS 39208



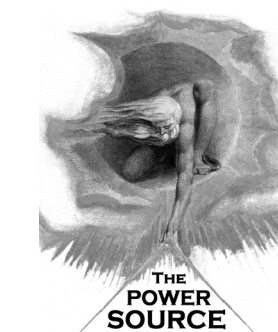
1 POWER PLAN - FIRST FLOOR
 E210 Scale: 1/8" = 1'-0"

2023.08.16

CONSTRUCTION DOCUMENTS
 WBA # 22-108

REVISIONS

NO.	DESCRIPTION	DATE
△ 1	ADDENDUM 3	9/8/23

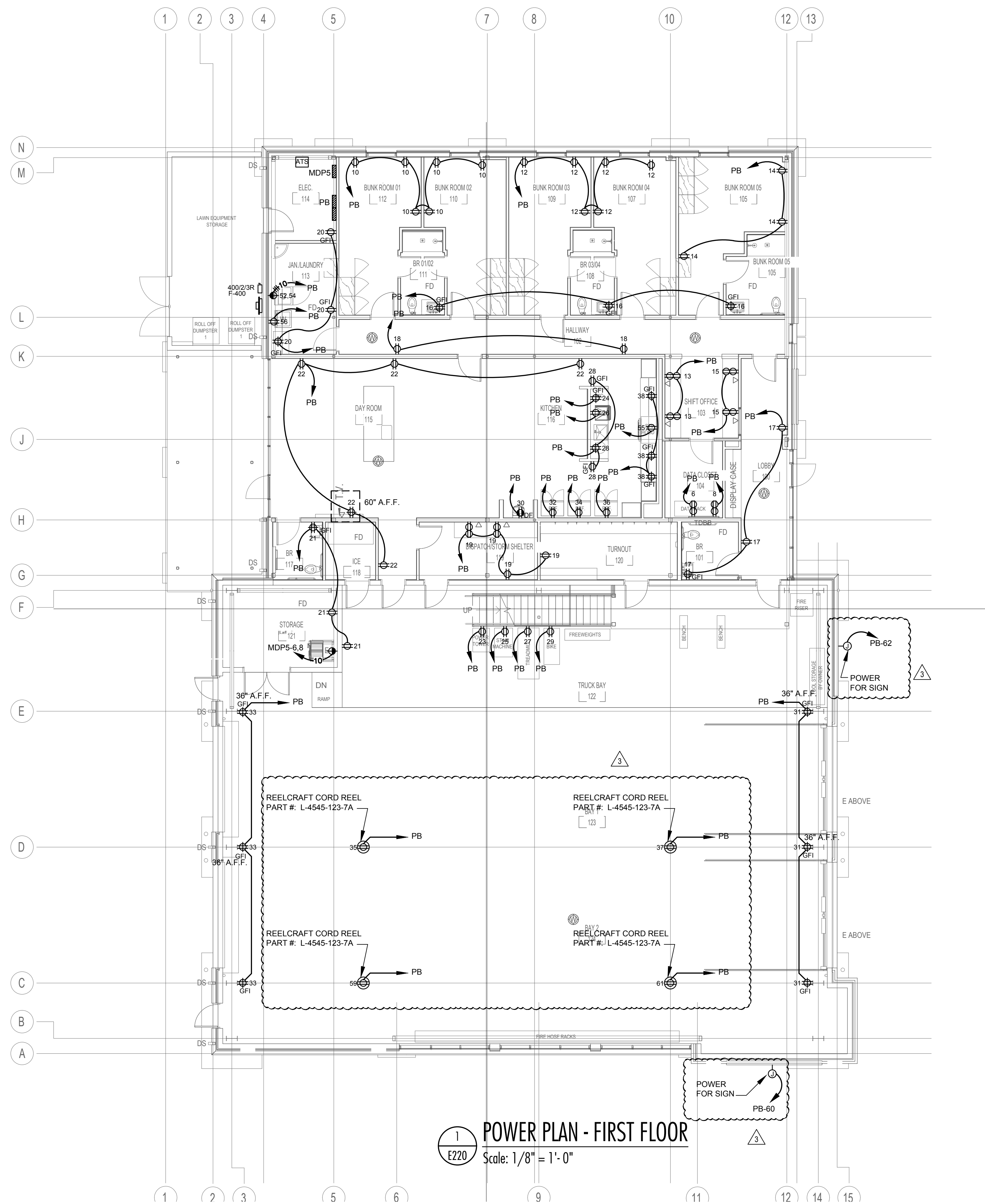
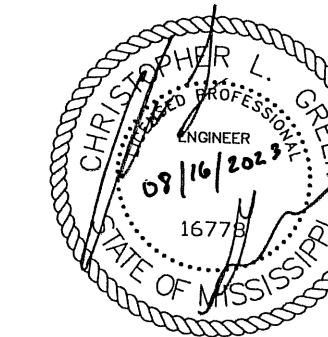


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PEARL FIRE STATIONS

CITY OF PEARL
2420 Old Brandon Rd.
Pearl, MS 39208



1
E220
POWER PLAN - FIRST FLOOR
Scale: 1/8" = 1'-0"

2023.08.16

CONSTRUCTION DOCUMENTS
WBA # 22-108

REVISIONS

NO.	DESCRIPTION	DATE
3	ADDENDUM 3	9/8/23

