

Addendum No. 1

THE NATIONAL WORLD WAR II MUSEUM
FLOYD EDUCATION & COLLECTIONS PAVILION
1060 MAGAZINE STREET
NEW ORLEANS, LA 70130
MBA Project No. 12274

THE FOLLOWING CHANGES, DELETIONS, AND/OR ADDITIONS TO THE DRAWINGS AND/OR PROJECT MANUAL ON THE ABOVE REFERENCED PROJECT SHALL BECOME A PART OF THE CONTRACT DOCUMENTS.

Item No. 1 – Bid Date (No Change) and Pre-bid Meeting

- A. Bids will be received no later than 2:00 p.m. on September 16, 2025 at the Favrot Orientation Center located on the first floor of the Louisiana Memorial Pavilion at The National World War II Museum located at 945 Magazine Street, New Orleans, Louisiana.
- B. A non-mandatory pre-bid meeting will be held at 10:00 a.m. on August 25, 2025 at the Favrot Orientation Center.
- C. All questions shall be sent to at Freddie Dickinson at fdickinson@mathesbriere.com.

Item No. 2 - Attachments

- A. The following are attached herein, issued as a part of this addendum:
 - 1. Specification Section 09665-Resilient Sheet Flooring (new)
 - 2. Specification Section 10560-Fixed Storage Equipment (new)
 - 3. Specification Section 10672-Mobile Storage Shelving Units (new)
 - 4. Specification Table of Contents (revised to add Sections 09665, 10560 and 10672)
 - 5. Drawing sheets as indicated in below item.

Item No. 3 – New/Revised Drawings

- A. Add the following attached revised full size drawing sheets dated 08.22.2025, issued as a part of this addendum:
 - C-001, C-100 and C-101,
 - S001, S002, S003, S004, S005, S101, S102, S103, S104, S105, S201, S202, S301 and S302
 - S303, S304, S401 and S402
 - A-111, A-112, A-313, A-314, A-315, A-321, A-322, A-323, A-324, A-325, A-326, A-327,
 - A-413, A-414, A-416, A-521, A-602, A-603, A-604, A-605, A-701 and A-712.
 - M-301, P-101A, P-101B, P-102, P-103, P-104, P-201 and P-202.
 - E204, E301, E401, E501, E802 and E804

Item No. 4 - Specifications

- A. Add the attached new Specification Sections 09665-Resilient Sheet Flooring, 10560-Fixed Storage Equipment and 10672-Mobile Storage Shelving Units as a part of this addendum

Item No. 5 - Drawing Sheet P-101B:

- A. Response to a RFI received: As indicated on the drawing, the air compressor #2 is Owner furnished and #1 is by the Contractor. The air compressor specified in specification section 15400-8 is for the “#1” air compressor.

Item No. 6 –Prior Approvals and Substitutions

- A. The following manufacturers have been approved as an equal for specification sections noted and /or item noted for prior approvals: Approval of manufacturers does not relieve the supplier of the responsibility to fulfill the physical constraints and performance requirements of the project. The products proposed must comply with all contract documents and detailed information assuring compliance.

Listed below are manufacturers who are recognized as capable of producing products or equipment equal to those specified. Products or equipment will be considered acceptable, providing the equipment meets, or exceeds the specification requirements, fits the available space, and has the capacity and performance requirements.

The listed (prior-approved) equipment are not given with respect to any specific model, series, catalog number, etc. Suppliers are cautioned that before their equipment is actually approved, it will be incumbent upon them to demonstrate to the architect or engineer, that the product or equipment is (in fact) equal to the requirements specified and conforms fully to all specification requirements.

NOTE: If a prior approval request has been submitted to the Architect and an approval is not included in an Addendum, the product submitted is not acceptable

Manufacturer

Scranton
ISI Building Products

Spec./Description

10500- "Tufftec" solid plastic lockers
03300 - Viperii 15 Mil "Class A" Under Slab Vapor
Barrier

- B. Substitutions are governed by R.S. 38:2212 (T)(2).

END OF ADDENDUM NO.1

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A R C H I T E C T S

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NOT USED

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RESILIENT SHEET FLOORING

SECTION 09665

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Resilient sheet flooring (RF-2) installed in area designated for the mobile shelving units; all seams welded.
- B. At exposed edges of the flooring install resilient edge molding

1.02 REFERENCES

- A. ANSI/ASTM E648 - Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.
- B. ANSI/ASTM F1913 – Standard Specification for Vinyl Sheet Floor Covering without Backing.

1.03 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame/fuel/smoke rating requirements in accordance with ASTM E84.

1.04 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Section 01300.
- B. Provide seaming plan.
- C. Provide product data on specified products, describing physical and performance characteristics, sizes, patterns and colors available.
- D. Submit samples under provisions of Section 01300.
- E. Submit two samples 6 x 12 inches in size for sheet flooring, illustrating color and pattern for each floor material specified.
- F. Submit manufacturer's installation instructions under provisions of Section 01300.

1.05 OPERATION AND MAINTENANCE DATA

- A. Submit cleaning and maintenance data under provisions of Section 01700.
- B. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

1.06 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for three days prior to installation in area of installation to achieve temperature stability.
- B. Maintain ambient temperature required by adhesive manufacturer three days prior to, during, and 24 hours after installation of materials.

1.07 EXTRA MATERIALS

- A. Provide 50 sq ft of flooring of each material specified under provisions of Section 01700.

PART 2 - PRODUCTS

2.01 SHEET FLOORING MATERIALS

- A. Linoleum Tile: Homogeneous tile of natural materials consisting of linseed oil , cork, wood flour, rosin binders, dry pigments, mixed and calendered onto man-made backing complying with ASTM F 2034, Type 1. Pattern and color to extend throughout total thickness of the material with total thickness of 0.125", color and pattern through total thickness; sheet width of 69 inches. Performance as follows:
 - 1. Indentation/Static Load: Less than 0.002" residual indentation in accordance with ASTM F 970 at 250 psi.
 - 2. Slip Resistance: Passes greater than 0.50 in accordance with ASTM D 2047.
 - 3. Flammability: More than 0.45 watts/cm" in accordance ASTM E 648 – Class 1 (critical radiant flux).
 - 4. Smoke Emission: Less than 450 in accordance ASTM E 662.
 - 5. **Approved: Forbo "Marmoleum Solid, Ultra-Low VOC , Concrete", Color: Nebula 3723**
 - 6. Colors: As selected by the Architect from manufacturers standard colors for field color and multi color lines.
 - 7. Guarantee: Ten (10) years against defective materials.

2.02 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
- B. Primers and Adhesives: Waterproof; types manufactured by flooring manufacturer rated for 99% RH.
- C. Edge Strips: Resilient flooring material.
- D. Welding Rods: Manufacturer's standard of color to blend with sheet vinyl.

PART 3 - EXECUTION

3.08 EXAMINATION

- A. Verify that surfaces are smooth and flat with maximum variation of 1/8 inch in 10 ft, and are ready to receive Work.
- B. Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting. Conduct manufacturer's Bond and Moisture Test..
- C. Beginning of installation means acceptance of existing substrate and site conditions.

3.02 PREPARATION

- A. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.
- B. Apply, trowel, and float filler to leave a smooth, flat, hard surface.
- C. Prohibit traffic from area until filler is cured.
- D. Vacuum clean substrate.
- E. Apply primer to surfaces as recommended by flooring manufacturer.

9.03 INSTALLATION - SHEET MATERIAL

- A. Install in accordance with manufacturer's printed instructions including welding rod at all seams.
- B. Spread only enough adhesive to permit installation of materials before initial set.
- C. Set flooring in place, press with heavy roller to attain full adhesion.
- D. Lay flooring with joints and seams in accordance with seaming plan..
- E. Install sheet flooring parallel to length of room. Provide minimum of 1/3 full roll width and double cut sheet.
- F. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.
- G. Install edge strips at unprotected or exposed edges, and where flooring terminates.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

3.04 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.

3.05 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean floor in accordance with manufacturer's instructions including thoroughly stripping floor and application of two (2) coats of sealer.

END OF SECTION

FIXED STORAGE EQUIPMENT

SECTION 10560

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Storage units as specified herein and in the attached “STORAGE EQUIPMENT DETAIL” document following this Section containing storage unit layout and details.

1.02 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Submit shop drawings for fabrication and erection. Include plans, elevations, and large scale details. Show anchorages, diagrams, templates and accessory items,
- C. Product Data: Submit manufacturer's technical data and installation instructions for each type of specialty required.
- D. Samples: Submit two (2) samples of exposed materials and accessories required.

1.03 OPERATION AND MAINTENANCE DATA

- A. Submit under provisions of Section 01700.

1.04 FIELD MEASUREMENTS AND COORDINATION

- A. Take field measurements prior to preparation of shop drawings and fabrication to ensure proper fitting of the work. Coordinate items to be built-in other work specified in other Sections

1.06 WARRANTY

- A. Manufacturer’s warranty against defects in materials and workmanship

PART 2 - PRODUCTS

2.01 STORAGE EQUIPMENT

- A. Rack and Shelving Specifications
 - Qty 6 Bays – 10’ Wide ~6” Beams
 - Qty 1 Bay – 5’ Wide ~6” Beams
 - o 3 Pallet Levels with wire decking
 - o 3 shelving levels with decking (approx. 2.5” beams)
 - o 42” Deep Uprights
 - o at least a >7,500lb beam pair
 - Qty 29 Bays – 10’ Wide ~6” Beams
 - o 4 Pallet Levels with wire decking
 - o 42” Deep Uprights
 - o at least a >7,500lb beam pair

- Qty 4 Bays – 10' Wide ~6" Beams
 - o 2 Pallet Levels with wire decking
 - o 42" Deep Uprights
 - o at least a >7,500lb beam pair
- Qty 80 Stack Rack Units
 - o 48"x48" upright configuration
 - o 48" Tall Uprights
 - Manufacturers
 - Interlake
 - Conesco
 - Steel King
- Qty 61 Shelving Units (steel)
 - o 2' D x 4' W x 7' H with 5 levels
 - o At least 100lb load per shelf
- Manufacturers Pallet Racking and Shelving: As follows:
 - o Steel King
 - o Interlake
 - o Ridg-U-Rak

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examination of substrates: The Installer must examine the substrate and the conditions under which the work is to be performed, and notify the Contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer. Verify rough openings for cabinet are correctly sized and located.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's printed instructions for the particular conditions of installation in each case.
1. Location: As indicated on attached document and the Drawings.
- B. Install level, plumb, and at proper height. Connect all required utilities. Repair or replace damaged units as directed by Architect.
- C. Secure rigidly in place.

END OF SECTION

STORAGE EQUIPMENT DETAILS

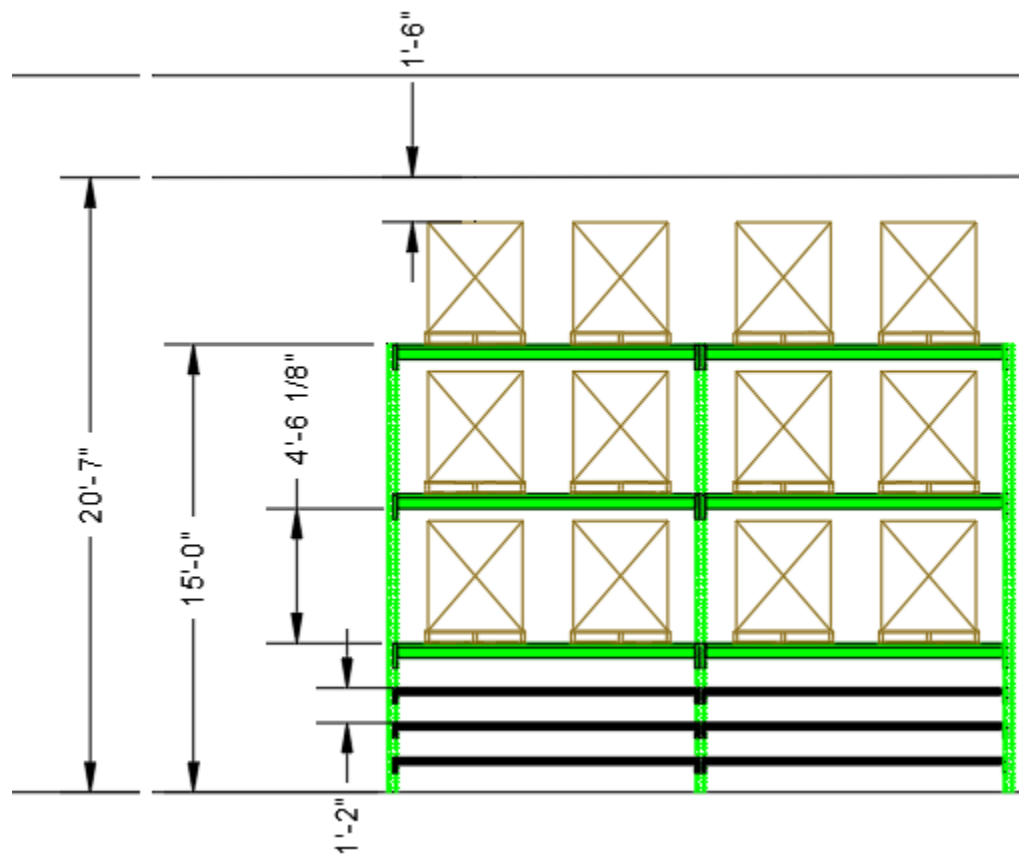


Level 1

STORAGE EQUIPMENT DETAILS

Racking:

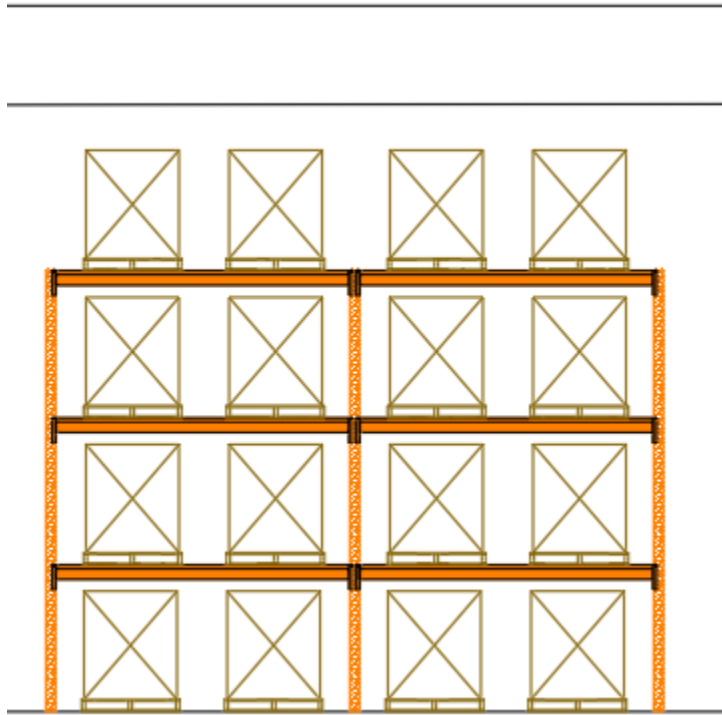
Profile A – Green



- Qty 6 Bays – 10' Wide ~6" Beams
- Qty 1 Bay – 5' Wide ~6" Beams
 - o 3 Pallet Levels with wire decking
 - o 3 shelving levels with decking (approx.. 2.5" beams)
 - o 42" Deep Uprights

STORAGE EQUIPMENT DETAILS

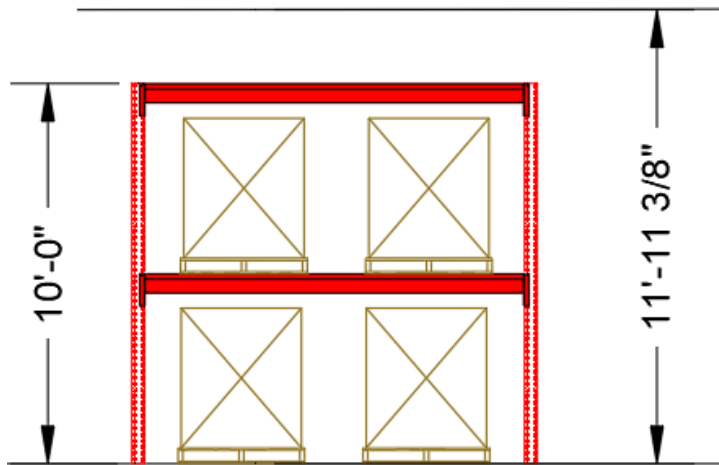
Profile B – Orange



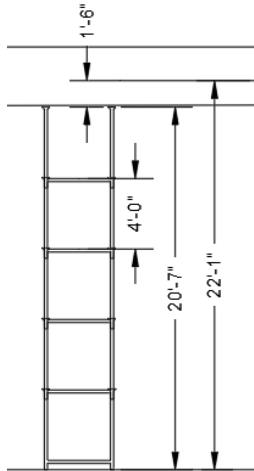
- Qty 14 Bays – 10' Wide ~6" Beams
 - o 4 Pallet Levels with wire decking
 - o 42" Deep Uprights

STORAGE EQUIPMENT DETAILS

Profile C – Red



- Qty 8 Bays – 10' Wide ~6" Beams
 - o 2 Pallet Levels with wire decking
 - o 42" Deep Uprights

STORAGE EQUIPMENT DETAILS**Stack Rack**

- Qty 80 Stack Rack Units
 - o 48"x48" upright configuration
 - o 48" Tall Uprights

MOBILE STORAGE SHELVING UNITS

SECTION 10672

PART 1 - GENERAL

1.1. RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Related Specifications Sections, apply to this Section.

1.2. SUMMARY

- A. This section includes the following:
 - 1. Mechanically assisted (crank handle with lock button), carriage mounted high-density mobile storage units, cantilevered shelving. support rails surface mounted on concrete floor slab with concrete topping flush with top of the rail, fabrication, and installation including leveling of support rails.
 - 2. Three (3) existing units to be moved by the Contractor from 945 Magazine St. as directed by the Owner for installation in this new building.
 - 3. The manufacturer is responsible to design the layout of the units to maximize the shelving capacity consistent with criteria herein specified within the area designated for the units shown on the drawings.
 - 4. **NOTE:** The mezzanine is designed for a 125psf live load. The number of tracks and spacing shall be designed to not add loads in excess of the design load assuming units will be loaded to units maximum rated capacity.
- B. Related Work, Not Furnished:
 - 1. Structural floor system capable of supporting live and dead loads required by prevailing building codes, including loads of storage units to be installed. Provide a maximum allowable sub floor deflection of L/480 under specified mobile storage loads.
 - 2. Finish floor covering and edging materials and installation on raised floors and ramps, or when on concrete with recessed rail installation.
 - 3. Fire suppression system is by others.

1.3. PERFORMANCE REQUIREMENTS

- A. Due to the user's preference and requirements for safety, performance, and flexibility, all following specification line items are mandatory.
- B. Seismic Performance: Provide mobile carriages and shelving capable of withstanding the effects of earthquake motions as determined according to IBC 2006 and local building codes.
- C. Design Requirements: All mobile carriage and shelving elevations as indicated
- D. Color Samples: Provide sample for each exposed product and for each color required.
- E. Selection Samples: For selection of colors and textures, submit manufacturer's color charts consisting of actual product samples, showing full range of colors and textures available. Vendors must provide a minimum of 12 color selections in powder coat paint finish.

- F. Installer Qualifications: Hire an experienced installer who is the manufacturer's authorized and certified representative.
1. Minimum Qualifications: 1-year experience installing systems of similar size and complexity to specified project requirements.
 2. Manufacturer Certification: Required by manufacturer on manufacturer's letterhead required at time of bid. Certifications by sales representatives, dealers, or distributors are unacceptable. Qualification must include resume of certified installation supervisor.
 3. Provide support within 24 hours for service call.
- G. Warranty: Submit a written warranty, executed by the Contractor, Installer and Manufacturer, agreeing to repair or replace units that fail in materials or workmanship within the specified warranty period. This warranty shall be in addition to, not limitation of, other rights the Owner may have against the Contractor under Contract Documents.
- LIFETIME LIMITED WARRANTY: for the lifetime of the shelving and mobile carriages ("structural frames"). For the purposes of this warranty, structural frames shall be deemed to exclude all moving parts, controls and guides that have immediate contact with any moving parts.
- 5-YEAR LIMITED WARRANTY: for five (5) years from the date written hereafter*, for all equipment, other than structural frames, carriage drivemotors, new electronic components installed for an electrical upgrade of systems, light fittings and these electronic components: emergency power system (UPS), routers and WIFI remote controls. During the 5-year warranty period, all parts are included at no cost for 5 years. Labor installation is included at no cost during the first year of the 5-year warranty period.
- H. Reference List: Provide a list of three (3) minimum installed mobile storage installations to be contacted or visited by owner, architect and contractor. Installation must be of similar size, scope of specified system. Visit is intended to inspect operation, quality of installation and verify the suitability of manufacturer's products and comparison with materials and products specified. Manufacturer is required to address all issues raised by owner, architect and contractor. List must include contact names, phone numbers or e-mails, size and quantity of shelving units.
- I. Project Schedule: Provide a project achievement plan detailing all critical elements necessary to plan, manufacture, ship, and install shelving product. Include critical project milestones and risk mitigation plan.
- J. Manufacturer Qualifications:
1. ISO 9001:2015: Engage an experienced manufacturer who is ISO 9001:2015 certified for the design, production, installation and service of powered mobile systems. Submit manufacturer's ISO 9001:2015 quality system registration certificate.
 2. ISO 14001:2015: Engage an experienced manufacturer who is ISO 14001:2015 certified. This international standard defines a process for monitoring and improving an organization's environmental performance. This process minimizes adverse impacts on the environment caused by the activities of the enterprise and helps to continually improve the environmental performance of the organization. Submit manufacturer's ISO 14001:2015 registration certificate, certifying the environmental performance of manufacturer.

1.4. SUBMITTALS

- A. Product Data: Submit manufacturer's product literature, schematics, testing data, and other items as described in this specification. Include data substantiating that products to be furnished

comply completely with requirements of the contract documents and specifications. Include installed weight, load criteria, furnished specialties, and accessories.

- B. Shop Drawings: Prepared and detailing fabrication, assembly, and installation of mobile carriages and storage shelving, as well as procedures and diagrams. Include details of layout and installation, as well as clearances, spacing, relation to adjacent construction in plan, elevation, and section, components, assemblies, connections, attachments, reinforcements, and anchorage. Furnish floor layouts, technical, and installation manuals for every unit shipment.

1.5. QUALITY ASSURANCE

- A. Manufacturer Certifications: Providing separate written certifications by manufacturer on manufacturer's letterhead at time of bid is required stating compliance with all specifications of shelving systems. Shelving certifications must confirm compliance with all shelf sizes and gauges as noted in these specifications. If bidding different manufacturers for mobile and shelving, two (2) certifications are required.
- B. Approved Distributors:
 - 1. AOS Interior Environments, Authorized Distributer For Spacesaver Corporation, 400 Poydras St # 1700, New Orleans, La 70130
 - 2. Automated Storage & Retrieval (Asr), Authorized Distributer For Montel Inc., 3 Schenkers Drive, Kenner, La 70062
 - 3. Southwest Solutions Group, Houston Office, 6105 Brittmoore Road, Houston Tx 77041
- C. Installer Qualifications: Engage an experienced installer who is a manufacturer's authorized representative for the specified products for installing carriages and anchoring shelving units to carriages.
 - 1. Minimum Qualifications: 1-year experience installing systems of comparable size and complexity to specified project requirements

1.6. PROJECT CONDITIONS

- A. Existing shelving or rail: The mobile carriages shall be customized to fit end-user's existing shelving or rail installation.
 - 1. In order to have manufacturer supplying adapted carriage and brackets for existing shelving, end-user shall provide manufacturer with shelving drawings. Drawings shall show the type of posts, the footprint, the width center to center and depth for each type of shelving that shall be put on carriages.
 - 2. In order to have manufacturer supplying adapted wheels for existing rails, end-user shall provide manufacturer with rail drawings, or type and dimensions.
- B. Field Measurements: Verify mobile carriages and shelving unit location by field measurements before fabrication and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work
 - 1. Established Dimensions: Where field measurements cannot be made without delaying the Work, establish dimensions and proceed with fabricating mobile carriage and shelving units without field measurements. Coordinate construction to ensure actual dimensions correspond to established dimensions.
- C. Delivery, Storage, & Handling: Comply with instructions and recommendations of manufacturer for special delivery, storage and handling requirements.
- D. Sequence & Scheduling: Sequence mobile carriage and storage shelving system installation with other work to minimize possibility of damage and soiling during remainder of construction

period.

- E. Pre-Installation Conference: Conduct conference at project site. Review methods and procedures related to installation of mobile carriage and storage units including, but not limited to, the following:
 - 1. Inspect and discuss condition and levelness of flooring and other preparatory work performed under other contracts.
 - 2. In addition to the Contractor and the installer, arrange for the attendance of the following:
 - a. Other Installers affected by the work of this section.
 - b. The Owner's Representative.
 - c. The Architect.
 - d. Manufacturer's representative.

PART 2 - PRODUCTS

2.1. MANUFACTURERS

- A. General: Products are based on mobile shelving system products manufactured by Montel Inc. Contingent on meeting all specification requirements, other acceptable manufacturers will be included.

2.2. BASIC MATERIALS

- A. Grout:
 - 1. General: The compound shall be cementitious grout which, when mixed with water, will harden to produce a permanent bolt setting anchor. The compound shall conform to the following specifications, all of which are based on the performance of the test specimens at room temperature and in laboratory environment.
 - 2. Linear Movement: It shall not shrink on setting, but shall exhibit a slight expansion of not more than .002 inch per linear inch.
 - 3. Compression Strength: Two (2) inch cubes made in accordance with ASTM standards tested on a Baldwin-Southwark machine of 60,000 pounds capacity shall have the following minimum average compression strengths:
Age: 1 day - 4,500 PSI
7 days - 8,000 PSI
 - 4. All tracks shall be grouted the entire length of each run, including all track joints. As the grout slightly expands during the cure process, it shall be in permanent contact with the grouted structural members. This provides a continuous support to the system, and optimal weight distribution on the existing floor slab.

2.3. MANUFACTURED COMPONENTS – MOBILE

- A. General: The system consists of manufactured storage units mounted on manufacturer's track-guided carriages to form a compact storage system. System design shall permit access to any single aisle by manually moving units until the desired aisle is opened. The carriage/rail system provides uniform carriage movement along the total length of travel, even with unbalanced loads. System shall accommodate a variety of materials including files, books, uniforms, wood artifacts, oversized artifacts.

1. **Basis of Design:** Montel MOBILEX® Mechanical-Assist Mobile Shelving System or equal.
 2. System rated for 1,000 lbs per linear foot
- B. Mobile Units criteria as follow
- 20% allocation to library materials to include:
 - One section of end tab filing units
 - Remaining sections of book shelving
 - 60 % allocation to pallet shelving
 - Three (3) existing units to be moved by the Contractor from 945 Magazine St. as directed by the Owner for installation in this new building.
 - 20% allocation to education collection materials:
 - One garment rack section
 - One unit measuring 13' l x 6' w x 8' h to be incorporated from existing storage furniture
 - Remaining sections of similar shelving to above shelving
- C. Tracks:
1. Rails shall be designed and manufactured to carry loads of 1,000 pounds per linear foot (1,488kg/m) of carriage. Made of minimum cold rolled steel (CRS) rail assembly of ¾" (19mm) high x 1" (25mm) wide inserted in a surface treated aluminum sub-rail. Rail contact surface shall be minimum 1" (25mm) wide. The inserted steel rail shall be replaceable. One-piece rails with no sub-rails are not permitted.
 2. Sub-rails shall be leveled with self-leveling screws above or below the walking surface. Shims shall not be accepted.
 3. Sub-rails shall be designed to be anchored on top of structural concrete floor and to allow for adjustment so sub-rails can be leveled over an uneven floor.
 4. In the sub-rail, the opening adjacent to rail which accommodate manufacturer's carriages guidance system and/or anti-tip system shall not exceed 7/16" (11mm) wide x ¾" (19mm) deep.
 5. All rail connections shall have interlock steel rail connectors. All sub-rail connections shall have interlock steel sub-rail connectors. All track connections shall be designed to provide horizontal and vertical continuity between rail/sub-rail sections, to gradually transfer the concentrated wheel point load to and from adjoining sections. To insure vertical and horizontal stability, tongue-and-groove connections are not permitted.
 6. Tracks shall be layered and staggered to ensure a smooth weight transfer from one track to the other. Top-to-bottom track shall be without joints to support continuously the top steel rail at the junction point and provide greater structural rigidity. One-piece rails with tongue-and-groove joints and connections are not permitted.
 7. Rail shall be located and positioned properly, leveled and grouted, allowing at least 3/8" (9.5mm) for grout under high point. Anti-slip grooves under sub-rail shall prevent track to slip when grout is poured. Grout shall infiltrate inside the grooves to anchor the sub-rail to the cement. Grout to be worked under rail, any voids completely filled and trimmed upsides and flush with rails. This allows proper weight distribution from rail to existing slab.
 8. Levelness of rails: 3/32" (2mm) maximum variation from true level within any system; 1/16" (1.5mm) maximum variation between adjacent rails, perpendicular to rail direction;

1/32" (0.76mm) maximum variation in 10' 0" (3.05m) of rail length, along any rail.

9. Rails are to be verified for integrity of position and levelness, as well as anchored into structural concrete slab, using anchors in sizes and quantities as determined by manufacturer.
10. Sub-rail section shall be a minimum of 12' foot (3.66m) each and rail section shall be provided in shorter section of 10' foot (3.07m). Shorter sections are used to complete each individual rail assembly
11. Built-in anti-tip device sub-rail shall be provided to meet local building code and high height-to-width ratio.]

D. Floor/Ramp (Choose 1 or 2):

1. Surface Mounted Floor / Ramp:
 - a. Finished elevation of the raised floor shall be flush with the top of the rails.
 - b. The ramp shall not extend beyond the end of the carriages and shall have a maximum slope of nine (9) degrees. The vertical transition from the ramp edge to the floor shall be a maximum of 1/8". Ramps shall extend under all movable and stationary ranges except as noted differently. Ramps shall be made of 12-gauge steel.
 - c. Floor covering is to be installed and supplied under Section 09665

E. Carriages:

1. All carriages shall be riveted-bonding construction for flexibility and potential reconfiguration. Welded carriages or carriages with formed lips are unacceptable. Carriages and stationary platforms shall be constructed of a full "C" shape profiles 1 ½" (38mm) deep x 5" (127mm) high, minimum 12-gauge steel, with 1,000 pounds (1,488kg/m) per linear foot maximum capacity. Wheel support sections shall be minimum 12-gauge steel and shall be riveted between the main support face sections, one per aisle assembly. Support sections shall be embossed to eliminate the need of filler plates between the shelving/cabinet and the C shape supports.
2. Stationary carriages, as shown on the drawings, shall be of same construction and height as the mobile carriages and anchored to rails. Setting of shelving on floor at ends of mobile runs is unacceptable.
3. Necessary carriage splices shall be bolted type designed to maintain proper unit alignment and weight load distribution.
4. Carriage face sections shall provide a smooth, clean appearance without any assembly holes or protruding hardware.
5. Carriage straightness shall have no more than ¼" (6.35mm) maximum deviation from a true straight line. There shall be no permanent set or slippage in any spliced or welded joint when exposed to forces encountered in normal operating circumstances.
6. Carriage construction shall be designed to allow the shelving uprights to be secured to the carriage frame with two assembly kits per upright of vibration-proof graded 5" bolt, nut, and clamp anchor assemblies and so that there is no visible hardware on carriage face.

Recess design carriages are not permitted. Self-drilling screw attachment is not acceptable method of attachment shelving units to the carriage. No shelving or cabinet attachment hardware shall be visible on exterior face of carriages

7. Each carriage shall have at least two wheels per rail.
8. Carriages shall have powder coat (1.5 mil) finish on all surfaces. Color selection by the Architect to match shelving. Powder coat paint finish is required for finish durability and elimination of any off gassing. Finish shall be inert, with no volatiles present in finished product. Visible galvanized steel structural carriage components are unacceptable.

F. Drive/Guide System:

1. Direct-Drive System: Provide with full-length drive shaft which prevents carriage whipping, binding and excessive wheel and rail wear under normal operation. All wheels shall be direct-driven at every rail location on one side of carriage. Synchronized drive with multiple chains, trolleys, and drive shafts are not acceptable.
2. Torque-Resistant Tubular Drive Shaft: Minimum of 1 5/16" (33mm) outside diameter by maximum 1 1/8" (29mm) inside diameter. Solid steel rod is not acceptable.
3. Dual-Flange Wheels: Provide positive guidance and tracking. Guidance requiring cam followers and ball bearings running on either side of the rail is unacceptable.
4. Narrow Guidance Channels: Provide a maximum 3/8" (9.5mm) between sub-rail and rail sections to reduce tripping hazards, allow carts to easily roll over, prevent debris accumulation, and facilitate cleaning.

G. Wheels:

1. Wheels shall be constructed of solid minimum 1045 cold rolled steel (CRS) for smooth operation. Minimum load capacity per wheel 3,200 pounds (1,452kg) Wheels shall be precision ground, balanced. All bearings shall be permanently shielded and lubricated.
2. All wheels shall be minimum 5" (127mm) diameter (outside dimension). They shall be dual-flanged and sloped to insure efficient guidance. Single center flanged wheels are not acceptable.
3. Due to carriage length and shelving/racking heights, guide wheels shall be at all wheel locations.

H. Face Panels:

1. Materials: All exposed face panels shall be steel. Face panels shall be located on all operating ends of ranges as shown on drawings.
2. Finishes: Selected from manufacturer's standard available colors and patterns.
3. Face panels must cover the full height and width of shelving.
4. Front Shelving Unit: The front end of each mobile shall be equipped with a shelving section. The shelving shall be cabinet style, cantilever installed on carriage and not deeper than 15" (381mm). The front shelving shall present a reserved space without shelf in the middle to hold the handle or the control.

I. Movement Controls:

1. The system shall be of the mechanical assist type having a chain sprocket drive system. A driving system is required to provide uniform movement along the total length of the carriage even with unbalanced loads on the carriage. The system shall be a positive drive to ensure that there is no play in the drive handle and the carriage will stop without drifting. All components of the system shall be compatible for smooth non-jerking, even movement along the total length of the carriage. All bearings used in the drive mechanism shall be permanently shielded and lubricated.
2. Operating handles shall be three-spoke type (single spoke handle are unacceptable) of 18 3/4" diameter transmitting power through a chain drive to the drive wheels. Provide operating handles on drive end of carriages as noted on drawings. Each mechanical device shall come with a chain-tensioner. Handle must be mounted at 39 1/2" from the bottom of the carriage.

J. Safety Features:

1. Aisle Safety Push-Button Lock (for single access): Shall be located at the center of the handle. The user shall press the aisle safety push-button, which will lock the respective carriage. After being pressed, the aisle safety push-button shall protrude from the handle face to display a red band visible to users. After being re-pressed, the aisle safety push-button shall return to its unlocked state. Pull-out pins are unacceptable. Both carriages on either side of the aisle must be secured.
2. Toe-level Safety Sweep (for single or dual access): Consisting of hinged aluminum safety bar running full length of the mobile carriages, flush with bottom of carriage frame and on both sides of carriage. Upon activation of the sweep, an internal device shall interlock with drive train resulting in positive stop anywhere in the module. A one and a half (1.5) pound pressure applied on the safety bar will activate the safety. The safety shall automatically reset upon removal of the obstruction or if carriage is backed away from the obstruction. This active safety shall not require any electricity or battery to be activated (mandatory).]

K. Accessories:

1. Steel rail cover and Human presence detector

2.4. FINISH SPECIFICATIONS

- A. Shall be the finest of their respective kinds and those best adapted to the construction for which they are employed to meet ISO 9001:2015 quality standards. All steel shall be superior quality milled, cold rolled, pickled, and double annealed, free from scale and buckle. All gauges are U.S. standard. The design of all parts shall be such that the completed installation shall present a neat and finished appearance and shall be free from exposed sharp edges or projections. All other special materials shall be as hereinafter specified.
- B. All components shall be painted with an electrostatically applied powder coat finish. All steel parts shall be machined smoothed and thoroughly cleaned by a process of completely washing in a phosphatizing solution to insure removal of oil, grease or other foreign material which could interfere with the adhesion of the priming coat in any way. Following the cleaning process, all parts shall be coated and confirming every part is thoroughly and completely covered with fine powder coat, and baked to the paint manufacturer's recommendation. The finish for powder coat shall be medium gloss, giving a reading of 35 to 65 degrees on a standard gloss meter and must be capable of withstanding severe hammer and bending tests without flaking. The finish for epoxy-polyester hybrid powder coat shall be a minimum 1.2 mil thickness capable of resisting

methyl ethyl ketone, salt spray, abrasion and printing, and all normal usage resistant requirements of a good finish. In addition, powder coat shall not be off gassing to prevent deterioration of collection and other stored materials. Colors to be selected by owner.

PART 3 - EXECUTION

3.1. EXAMINATION

- A. Examine subfloor surfaces, with installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of mobile storage units.
 - 1. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of mobile storage units.
 - 2. Proceed with installation only after unsatisfactory conditions have been corrected.

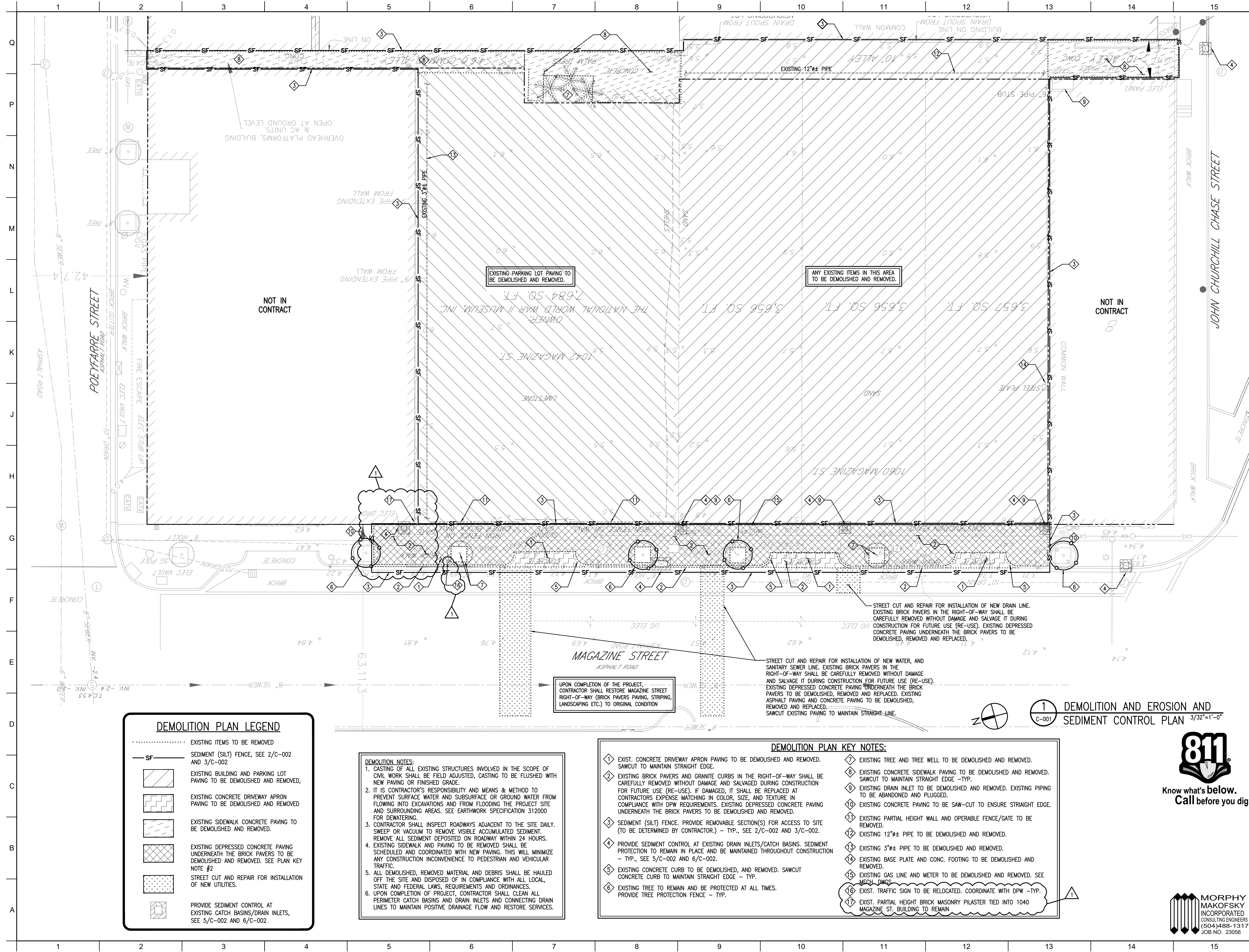
3.2. INSTALLATION

- A. Install components and accessories after finishing operations, including painting, have been completed. Install shelving units to comply with final layout drawings, in strict compliance with manufacturer's printed instructions and structural calculations. Position unit's level and plumb at proper location relative to adjoining units and related work
- B. Field Quality Control: Remove and replace components that are chipped, scratched, or otherwise damaged and which do not match adjoining work. Provide new matching units, installed as specified and in manner to eliminate evidence of replacement.
- C. Adjust: Adjust components and accessories to provide smoothly operating, visually acceptable installation.
- D. Cleaning: Immediately upon completion of installation, clear components and surfaces. Remove surplus materials, rubbish and debris resulting from installation upon completion of work and leave areas of installation in neat, clean condition.
- E. Protection: Protect system against damage during remainder of construction period. Advise Owner of additional protection required to ensure shelving units will be without damage or deterioration at time of substantial completion.

3.3. DEMONSTRATION/CUSTOMER TRAINING

- A. Provide complete training to end-user's staff. Training shall include general safety and operation instructions, and basic preventative maintenance procedures.

END OF SECTION



DEMOLITION PLAN LEGEND

- EXISTING ITEMS TO BE REMOVED
- SEDIMENT (SILT) FENCE, SEE 2/C-002 AND 3/C-002
- EXISTING BUILDING AND PARKING LOT PAVING TO BE DEMOLISHED AND REMOVED.
- EXISTING CONCRETE DRIVEWAY APRON PAVING TO BE DEMOLISHED AND REMOVED
- EXISTING SIDEWALK CONCRETE PAVING TO BE DEMOLISHED AND REMOVED.
- EXISTING DEPRESSED CONCRETE PAVING UNDERNEATH THE BRICK PAVERS TO BE DEMOLISHED AND REMOVED. SEE PLAN KEY NOTE #2
- STREET CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES.
- PROVIDE SEDIMENT CONTROL AT EXISTING CATCH BASINS/DRAIN INLETS, SEE 5/C-002 AND 6/C-002

DEMOLITION NOTES:

- CASTING OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK SHALL BE FIELD ADJUSTED, CASTING TO BE FLUSHED WITH NEW PAVING OR FINISHED GRADE.
- IT IS CONTRACTOR'S RESPONSIBILITY AND MEANS & METHOD TO PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING THE PROJECT SITE AND SURROUNDING AREAS. SEE EARTHWORK SPECIFICATION 312000 FOR Dewatering.
- CONTRACTOR SHALL INSPECT ROADWAYS ADJACENT TO THE SITE DAILY. SWEEP OR VACUUM TO REMOVE VISIBLE ACCUMULATED SEDIMENT. REMOVE ALL SEDIMENT DEPOSITED ON ROADWAY WITHIN 24 HOURS.
- EXISTING SIDEWALK AND PAVING TO BE REMOVED SHALL BE SCHEDULED AND COORDINATED WITH NEW PAVING. THIS WILL MINIMIZE ANY CONSTRUCTION INCONVENIENCE TO PEDESTRIAN AND VEHICULAR TRAFFIC.
- ALL DEMOLISHED, REMOVED MATERIAL AND DEBRIS SHALL BE HAULED OFF THE SITE AND DISPOSED OF IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL LAWS, REQUIREMENTS AND ORDINANCES.
- UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN ALL PERIMETER CATCH BASINS AND DRAIN INLETS AND CONNECTING DRAIN LINES TO MAINTAIN POSITIVE DRAINAGE FLOW AND RESTORE SERVICES.

DEMOLITION PLAN KEY NOTES:

- EXIST. CONCRETE DRIVEWAY APRON PAVING TO BE DEMOLISHED AND REMOVED. SAWCUT TO MAINTAIN STRAIGHT EDGE.
- EXISTING BRICK PAVERS AND GRANITE CURBS IN THE RIGHT-OF-WAY SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE AND SALVAGED DURING CONSTRUCTION FOR FUTURE USE (RE-USE). IF DAMAGED, IT SHALL BE REPLACED AT CONTRACTORS EXPENSE MATCHING IN COLOR, SIZE, AND TEXTURE IN COMPLIANCE WITH DPW REQUIREMENTS. EXISTING DEPRESSED CONCRETE PAVING UNDERNEATH THE BRICK PAVERS TO BE DEMOLISHED AND REMOVED.
- SEDIMENT (SILT) FENCE. PROVIDE REMOVABLE SECTION(S) FOR ACCESS TO SITE (TO BE DETERMINED BY CONTRACTOR.) - TYP., SEE 2/C-002 AND 3/C-002.
- PROVIDE SEDIMENT CONTROL AT EXISTING DRAIN INLETS/CATCH BASINS. SEDIMENT PROTECTION TO REMAIN IN PLACE AND BE MAINTAINED THROUGHOUT CONSTRUCTION - TYP., SEE 5/C-002 AND 6/C-002.
- EXISTING CONCRETE CURB TO BE DEMOLISHED, AND REMOVED. SAWCUT CONCRETE CURB TO MAINTAIN STRAIGHT EDGE - TYP.
- EXISTING TREE TO REMAIN AND BE PROTECTED AT ALL TIMES. PROVIDE TREE PROTECTION FENCE - TYP.
- EXISTING TREE AND TREE WELL TO BE DEMOLISHED AND REMOVED.
- EXISTING CONCRETE SIDEWALK PAVING TO BE DEMOLISHED AND REMOVED. SAWCUT TO MAINTAIN STRAIGHT EDGE -TYP.
- EXISTING DRAIN INLET TO BE DEMOLISHED AND REMOVED. EXISTING PIPING TO BE ABANDONED AND PLUGGED.
- EXISTING CONCRETE PAVING TO BE SAW-CUT TO ENSURE STRAIGHT EDGE.
- EXISTING PARTIAL HEIGHT WALL AND OPERABLE FENCE/GATE TO BE REMOVED.
- EXISTING 12"± PIPE TO BE DEMOLISHED AND REMOVED.
- EXISTING 3"± PIPE TO BE DEMOLISHED AND REMOVED.
- EXISTING BASE PLATE AND CONC. FOOTING TO BE DEMOLISHED AND REMOVED.
- EXISTING GAS LINE AND METER TO BE DEMOLISHED AND REMOVED. SEE MECH DWGS
- EXIST. TRAFFIC SIGN TO BE RELOCATED. COORDINATE WITH DPW -TYP.
- EXIST. PARTIAL HEIGHT BRICK MASONRY PILASTER TIED INTO 1040 MAGAZINE ST. BUILDING TO REMAIN

No.	Description	Date
1	ADDENDUM 1	08.22.2025

STAMP
THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM GENERALLY ADMINISTERING THE WORK.

ENGINEER
REG. NO. 28228
JONATHAN A. SOFRANKO
REGISTERED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
08/04/25

KEY PLAN

Mathes Brierre
ARCHITECTS

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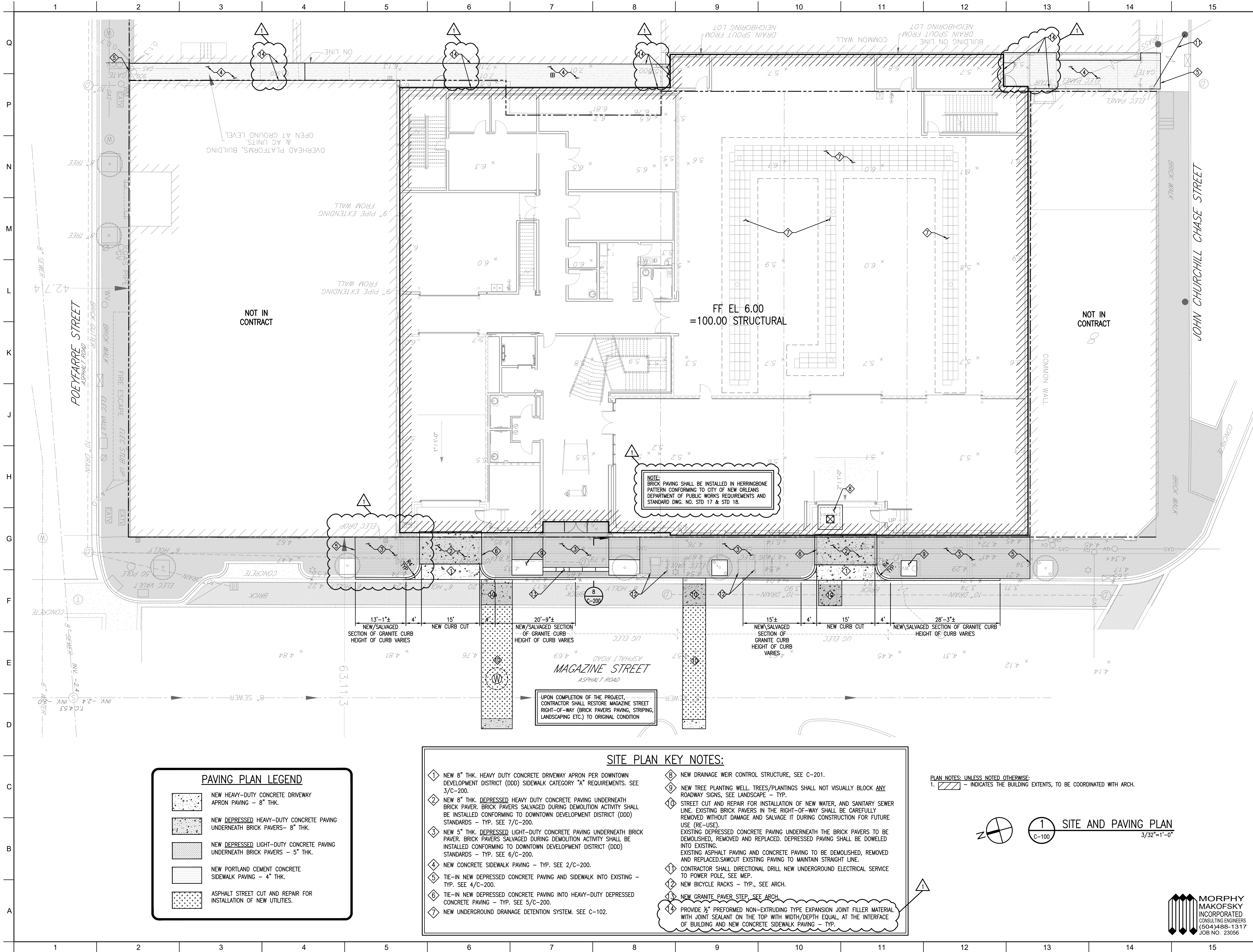
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	SCF	CHECKED BY	JAS
DRAWN BY	SJC	DATE	08.04.25
SHEET TITLE	DEMOLITION AND EROSION, AND SEDIMENT CONTROL PLAN		
PROJECT NO.	12274	SHEET NO.	C-001



No.	Description	Date
1	ADDENDUM 1	08.22.2025

STAMP
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PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	SCP	CHECKED BY	JAS
DRAWN BY	SJC	DATE	08.04.25
SHEET TITLE	SITE AND PAVING PLAN		
PROJECT NO.	12274	SHEET NO.	C-100

PROJECT NO. 12274	SHEET NO. C-101
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1 GENERAL NOTES

1. EXISTING CONDITIONS:
ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT PURPORTED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. FIRST SUBMITTAL OF SHOP DRAWINGS MUST CONTAIN CORRECT CONDITIONS AND DIMENSIONS OBTAINED FROM THE FIELD. IF CONDITIONS AND DIMENSIONS VARY GREATLY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DRAWINGS.

2. EXISTING UTILITIES:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION OR FABRICATION. ANY CONFLICTS OR POTENTIAL CONFLICTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

3. DEMOLITION OF EXISTING CONSTRUCTION:
PRIOR TO THE START OF DEMOLITION OR EXPLORATORY WORK, THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING LABORATORY TO SURVEY THE EXISTING SITE CONDITIONS FOR THE PRESENCE OF HAZARDOUS MATERIALS SUCH AS, BUT NOT LIMITED TO, LEAD-BASED PAINT, ASBESTOS, MOLD, ETC. IF THE TESTS RESULTS ARE POSITIVE FOR ANY HAZARDOUS MATERIALS, THE OWNER SHALL EMPLOY A REMEDIATION FIRM TO REMOVE THE HAZARDOUS MATERIALS IN COMPLIANCE WITH THE GUIDELINES AND REGULATIONS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS BEFORE DEMOLITION OR EXPLORATORY WORK MAY COMMENCE.

4. DEMOLITION &/OR CUTTING OF CONCRETE FLOOR CONSTRUCTION:
PRIOR TO DEMOLITION OR CUTTING OF THE CONCRETE FLOOR SLAB, THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITIES IN THE AREA OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT A SURVEY OF THE AREA FOR LOCATING EXISTING UNDER SLAB (OR IN SLAB) UTILITIES. THE CONTRACTOR SHALL VERIFY LOCATIONS BY CAREFULLY CHIPPING THE SLAB TO EXPOSE THE UTILITY. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED DURING THE COURSE OF THE SPECIFIED WORK. SHOULD LOCATIONS OF EXISTING UTILITIES HINDER THE WORK, CONTACT THE ARCHITECT PRIOR TO PROCEEDING.

5. DRILLING HOLES FOR ANCHORS AND CORING HOLES
IN EXISTING CONCRETE:

- A. PRIOR TO DRILLING OR CORING HOLES, THE CONTRACTOR SHALL LOCATE EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC. IN THE AREA WHERE NEW HOLES ARE TO BE INSTALLED THROUGH NON-DESTRUCTIVE TESTING SUCH AS WITH AN X-RAY, RADAR, OR WITH OTHER NON-DESTRUCTIVE DEVICES.
- B. MARK THE LOCATION & EXTENTS OF ALL REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, AND OTHER EXISTING INTERFERENCES ON THE SURFACE OF THE SLAB.
- C. IF NEW HOLE LOCATIONS CONFLICT WITH EXISTING EMBEDDED ELEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE INSTALLING THE NEW HOLES.
- D. VERIFY NO CONFLICTS EXIST AT NEW HOLE LOCATIONS BY SMALL DRILLED PILOT HOLES. IF NO CONFLICTS EXIST, COMPLETE THE INSTALLATION. IN THE CASE OF STEEL TO BE FASTENED TO THE CONCRETE WITH MULTIPLE ANCHORS, FABRICATE, FROM A FIELD TEMPLATE, THE STEEL TO BE FASTENED TO THE CONCRETE BY THE ANCHORS AND COMPLETE THE INSTALLATION.
- E. WHEN INSTALLING NEW HOLES, CARE SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING EMBEDDED ELEMENTS.

6. DAMAGE TO EXISTING CONSTRUCTION.

ALL WORK SHALL BE DONE IN A MANNER WHICH WILL NOT DAMAGE ADJACENT EXISTING CONSTRUCTION WHICH IS TO REMAIN.

7. TEMPORARY EARTH RETAINING SYSTEMS (TRS):

THE DESIGN OF TEMPORARY EARTH RETAINING SYSTEMS IS TO BE UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL CIVIL/ STRUCTURAL ENGINEER LICENSED IN THE STATE OF LOUISIANA. SUBMIT SIGNED & SEALED CALCULATIONS AND SHOP DRAWINGS TO A/E FOR REVIEW.

8. VAPOR BARRIER:

- A. UNLESS OTHERWISE STATED IN SPECIFICATIONS, PROVIDE OPAQUE, 15 MIL POLYETHYLENE VAPOR BARRIER CONFORMING TO ASTM E1745 ON TOP OF FILL UNDER ALL INTERIOR SLABS AND BEAMS. OMIT ON TOP OF PILES.
- B. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND USE MANUFACTURER'S RECOMMENDED ADHESIVE AND PRESSURE-SENSITIVE TAPE FOR SEALING HOLES AND JOINTS IN VAPOR BARRIER.
- C. SHALL BE NEARLY PLACED, FOLLOW THE PROFILE OF THE BOTTOM OF THE SLAB AND BEAMS, AND BE IN INTIMATE CONTACT WITH THE FILL.

9. PILES:

- AUGURED CAST-IN-PLACE PILES
- A. TIP PENETRATION BELOW FIRST FLOOR ELEVATION: 78 ft.
- B. DIAMETER: 14"
- C. BUTT ELEVATION OF PILES: REFER TO DETAILS.
- D. GROUT COMPRESSION STRENGTH: 3,000 PSI MIN. AT 28 DAYS.
- E. REINFORCING STEEL: SEE DETAILS.
- F. CASING: PERMANENT OR REMOVABLE (AT CONTRACTOR'S OPTION) CASING IS NOT REQUIRED.
- G. EXPLORATORY PILES: 5
- H. LOAD TEST: 1 COMPRESSION
- I. DESIGN LOAD: 50 TONS COMPRESSION (FS=2), 25 TONS TENSION (FS=3)

10. CONCRETE:

- A. ACI 301-10 SPECIFICATIONS
- B. NORMAL WEIGHT CONCRETE: 150 PCF
- C. COMPRESSION STRENGTH AT 28 DAYS: 4,000 PSI
1. EXCEPT CONCRETE ON METAL DECK: 3,000 PSI

11. REINFORCING STEEL:

- A. REINFORCING BARS: ASTM A615, GRADE 60 OR 75
- B. WELDABLE REINFORCING BARS: ASTM A706, GRADE 60
- C. WELDED WIRE MESH: ASTM A1064
- D. CONTRACTOR SHALL INCLUDE IN THE COST OF HIS BID, AN ADDITIONAL 3 TONS OF REINFORCING STEEL. THIS COST SHALL INCLUDE FABRICATION, TRANSPORTATION, INSTALLATION, ETC. OF ADDITIONAL REINFORCING STEEL. COST OF ADDITIONAL REINFORCING STEEL NOT UTILIZED DURING CONSTRUCTION WILL BE CREDITED BACK TO THE OWNER VIA CHANGE ORDER AT THE UNIT PRICE PROVIDED ON THE BID FORM.
12. REINFORCING CLEARANCES REQUIRED FOR STRUCTURALLY SUPPORTED CONCRETE ARE AS FOLLOWS:
- ACI 117 STANDARDS. UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, REINFORCING CLEARANCES SHALL BE AS FOLLOWS:
- A. SLABS: 3/4" CLEAR TOP & BOTTOM FORMED.
1. CLEAR BOTTOM, 3/4" CLEAR TOP ON GRADE.
- B. BEAMS: 1 1/2" CLEAR BOTTOM FORMED, 3" CLEAR BOTTOM CAST ON EARTH, 1 1/2" CLEAR SIDES AND TOP FORMED, 3" CLEAR SIDES EARTH FORMED, 1-1/2" CLEAR TOP.
- C. COLUMNS: 1-1/2" CLEAR TYPICAL.
- D. WALLS: 1-1/2" CLEAR, TYPICAL.

13. REINFORCING DETAILS FOR STRUCTURALLY SUPPORTED CONCRETE: ACI 315 STANDARDS. UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, BAR LAPS AND CONFIGURATIONS SHALL BE AS FOLLOWS:

- A. TOP BARS: HOOK AT NON-CONTINUOUS ENDS, LAP 30 DIAS. AT MID-SPAN, FOR CONTINUOUS REINFORCING, SEE NOTE "F".
- B. BOTTOM BARS: LAP 6" AT CENTER OF SUPPORT.
- C. TEMPERATURE BARS IN SLAB AND INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS: TENSION LAP SPLICES, SEE NOTE "F".
- D. SLAB TOP REINFORCING SUPPORT BARS: SLAB TOP REINFORCING BARS LESS THAN 6 FEET IN LENGTH SHALL HAVE 2-#4 CONT. SUPPORT BARS AND SLAB TOP REINFORCING BARS GREATER THAN 6 FEET IN LENGTH SHALL HAVE #4 SUPPORT BARS EQUALLY SPACED AT NO MORE THAN 4'-0" O.C.
- E. CORNER REINFORCING BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS, CORNER BARS SHALL LAP WITH HORIZONTAL BARS. PROVIDE "U" BARS AT WALL ENDS. LAP #3 TO #6 BARS 30" EACH WAY AND LAP #7 TO #11 BARS 48" EACH WAY. HOOK INSIDE BARS IN WALLS AT ENDS.
- F. LAP SPLICE TABLE FOR FULLY CONTINUOUS REINFORCING:

LAP SPLICES (INCHES)											
	LOCATION	BAR SIZE									
		#3	#4	#5	#6	#7	#8	#9	#10	#11	
SLABS	TOP	15	24	36	48	78	96	117	140	165	
	OTHER	12	19	28	37	60	74	90	108	127	
OTHER	TOP	24	32	40	48	70	80	91	102	113	
	OTHER	19	25	31	37	54	62	70	79	87	

NOTE:
REQUIRED TENSION LAP SPLICE LENGTHS FOR $f_c=4,000$ PSI. FOR HIGHER OR LOWER VALUES OF f_c , LAP LENGTHS MAY BE ADJUSTED ACCORDINGLY. SUBMIT PROPOSED LENGTHS FOR APPROVAL.

14. CONDUITS AND PIPES EMBEDDED IN CONCRETE:

- A. CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH APPROVAL OF THE ENGINEER. PROVIDED THAT REGULATIONS ARE FOLLOWED AS OUTLINED IN THE APPLICABLE ACI CODES.
- B. CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB OR BEAM SHALL NOT SIGNIFICANTLY IMPAIR THE STRENGTH OF CONSTRUCTION AS DETERMINED BY THE ENGINEER.
- C. SINGLE CONDUITS AND PIPES OR INTERSECTING CONDUITS AND PIPES SHALL NOT OCCUPY MORE THAN AN 11/2" OF SLAB THICKNESS AND 1/3 THE OVERALL THICKNESS OF BEAMS IN WHICH THEY ARE EMBEDDED, AND THEY SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. ANY CONDUIT OR PIPE LARGER SHALL BE LOCATED BELOW THE RESPECTIVE SLAB OR BEAM. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, A DIAGRAM DEPICTING THE HOME RUNS OF CONDUIT TO ALL PANELS, TYPICAL.
- D. IT WILL NOT BE PERMITTED TO CUT, BEND, OR DISPLACE THE REINFORCING STEEL FROM ITS PROPER LOCATION IN ORDER TO INSTALL CONDUITS AND PIPES.
- E. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

15. STRUCTURAL STEEL:

- A. A.I.S.C. SPECIFICATIONS; STEEL CONSTRUCTION MANUAL 14TH EDITION; ALL WIDE FLANGE SHAPES ASTM A992 GRADE 50, ALL MISCELLANEOUS SHAPES ASTM A36, HSS SHAPES ASTM A500 GRADE B Fy=46 ksi, STEEL PIPE ASTM A53 GRADE B Fy=35 ksi; HIGH STRENGTH BOLTS A325, 3/4" MIN. EXCEPT AS NOTED OTHERWISE; ANCHOR RODS AND BOLTS ASTM F1554 GRADE 36 EXCEPT AS NOTED OTHERWISE; HEADED CONCRETE ANCHOR (H.C.A.) PER A.W.S. SPECIFICATION D1.1; DEFORMED BAR ANCHOR (D.B.A.) ASTM A496; E-70 ELECTRODES.
- B. ALL BEAM CONNECTIONS SHALL BE A.I.S.C. STANDARD FRAMED CONNECTIONS. SHOP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE BOLTED, EXCEPT CONNECTIONS TO EXISTING CONSTRUCTION SHALL BE WELDED. CONNECTIONS NOT SPECIFIED OR DETAILED OTHERWISE TO BE DESIGNED FOR 1/2 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN AND 2/3 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN FOR COMPOSITE BEAMS.
- C. ALL STRUCTURAL STEEL ITEMS AND RESPECTIVE ANCHORS AND FASTENERS PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 PROVIDE VENT HOLES AS REQUIRED. TOUCH UP ALL DAMAGED COATING WITH HOT STICK GALVANIZING PER ASTM A780.
- D. CONTRACTOR SHALL INCLUDE IN THE COST OF HIS BID, AN ADDITIONAL 3 TONS OF STRUCTURAL STEEL. THIS COST SHALL INCLUDE FABRICATION, TRANSPORTATION, INSTALLATION, ETC. OF ADDITIONAL STRUCTURAL STEEL. COST OF ADDITIONAL STRUCTURAL STEEL NOT UTILIZED DURING CONSTRUCTION WILL BE CREDITED BACK TO THE OWNER VIA CHANGE ORDER AT THE UNIT PRICE PROVIDED ON THE BID FORM.
16. OPEN WEB STEEL JOISTS AND JOIST GIRDERS SHALL CONFORM TO LATEST EDITIONS OF S.J.I. STANDARD SPECIFICATIONS AND CODE OF STANDARD PRACTICE FOR STEEL JOIST AND JOIST GIRDERS. MANUFACTURER MUST BE A MEMBER OF STEEL JOIST INSTITUTE.
- B. BASIS OF DESIGN: ASD
- C. BEARING SEAT MINIMUM CONNECTIONS TO SUPPORTING STRUCTURE:
1. K-SERIES JOISTS: 2'-2" LONG, 1/8" FILLET WELDS. 4" TOTAL
2. LHD/LH SERIES JOISTS: 2'-2" LONG, 1/4" FILLET WELDS. 4" TOTAL.
3. JOIST GIRDERS: SEE DRAWINGS.
- D. BRIDGING/UP-LIFT DESIGN.
1. PROVIDE ALL BRIDGING AND BRACING, INCLUDING THE BRIDGING AND BRACING AT THE FIRST BOTTOM CHORD PANEL POINT AT EACH END OF THE JOIST REQUIRED FOR UP-LIFT DESIGN, AS REQUIRED BY S.J.I. SPECIFICATIONS. ALL BRIDGING AND BRACING SHALL BE FIELD WELDED UNLESS NOTED OTHERWISE. ALL CONTINUOUS BRIDGING AND BRACING MUST BE CONNECTED TO ALL AND ANY BEAMS AND STRUCTURAL WALLS WHICH ARE PARALLEL TO JOISTS. SEE DRAWINGS FOR TYPICAL BRIDGING TERMINATION CONNECTION DETAILS.
2. JOISTS AND BRIDGING AT ROOF SHALL BE DESIGNED FOR A NET UP-LIFT. THE NET UP-LIFT LOAD COMBINATION SHALL BE CALCULATED BY SUBTRACTING 6 PSF FROM THE APPROPRIATE VALUE (BASED ON EFFECTIVE WIND AREA (EWA) AND ZONE) TAKEN FROM THE WIND CHART REFERENCED UNDER THE DESIGN LOADS. SEE GENERAL NOTE 22 AND ROOF WIND ZONE DIAGRAM DETAIL.
3. THE MANUFACTURER SHALL FURNISH COMPLETE DESIGN CALCULATIONS TO THE ARCHITECT FOR RECORD PURPOSES.

17. METAL FLOOR DECK (COMPOSITE):

- 1.5VL 18 GALVANIZED STEEL COMPOSITE TYPE DECK BY VULCRAFT OR APPROVED EQUAL. CONTINUOUS OVER 3 OR MORE SPANS.
- A. DECK PROPERTIES

1. DEPTH: 1.5"
2. GAGE: .18"
3. MIN. SECTION MODULUS (POSITIVE): 0.311 IN³ / PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.324 IN³ / PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.272 IN⁴ / PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.295 IN⁴ / PER FT.
7. DESIGN THICKNESS: 0.0474"
8. ALLOWABLE STRESS: 50 KSI
- B. DECK FASTENING PATTERN

1. SUPPORT FASTENERS: HCA
2. SIDELAP FASTENER: #10 TEK SCREWS @12" O.C.

18. METAL FLOOR DECK (NON-COMPOSITE):

- 0.6C24 GALVANIZED STEEL NON-COMPOSITE TYPE DECK BY VULCRAFT OR APPROVED EQUAL. DECK TO BE CONTINUOUS OVER 3 OR MORE SPANS.

A. DECK PROPERTIES

1. DEPTH: 1.5"
2. GAGE: .18"
3. MIN. SECTION MODULUS (POSITIVE): 0.057 IN³ / PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.057 IN³ / PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.019 IN⁴ / PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.019 IN⁴ / PER FT.
7. DESIGN THICKNESS: 0.0239"
8. ALLOWABLE STRESS: 60 KSI
- B. DECK FASTENING PATTERN

1. SUPPORT FASTENERS: HCA
2. SIDELAP FASTENER: #10 TEK SCREWS @12" O.C.

19. METAL ROOF DECK (HIGH ROOF & STAIR PENTHOUSE ROOF):

- 3N22 GALVANIZED STEEL ROOF DECK BY VULCRAFT OR APPROVED EQUAL. DECK TO BE CONTINUOUS OVER 3 OR MORE SPANS.

A. DECK PROPERTIES

1. DEPTH: 3"
2. GAGE: .24"
3. MIN. SECTION MODULUS (POSITIVE): 0.057 IN³ / PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.057 IN³ / PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.019 IN⁴ / PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.019 IN⁴ / PER FT.
7. DESIGN THICKNESS: 0.0239"
8. ALLOWABLE STRESS: 60 KSI
- B. DECK FASTENING PATTERN

1. SUPPORT FASTENERS: #12 TEK SCREW @ 6" O.C.
2. SIDELAP FASTENERS: #10 TEK SCREW @ 12" O.C.

20. METAL ROOF DECK (LOW ROOF):

- 3N18 GALVANIZED STEEL ROOF DECK BY VULCRAFT OR APPROVED EQUAL. DECK TO BE CONTINUOUS OVER 3 OR MORE SPANS.

A. DECK PROPERTIES

1. DEPTH: 3"
2. GAGE: .24"
3. MIN. SECTION MODULUS (POSITIVE): 0.057 IN³ / PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.057 IN³ / PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.019 IN⁴ / PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.019 IN⁴ / PER FT.
7. DESIGN THICKNESS: 0.0239"
8. ALLOWABLE STRESS: 60 KSI
- B. DECK FASTENING PATTERN

1. SUPPORT FASTENERS: #12 TEK SCREW @ 6" O.C.
2. SIDELAP FASTENERS: #10 TEK SCREW @ 12" O.C.

21. MECHANICAL EQUIPMENT:

- A. PRIOR TO THE DETAILING OF ANY STRUCTURAL MATERIALS INVOLVED IN THE SUPPORT OF MECHANICAL EQUIPMENT, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT ALL INFORMATION RELATIVE TO LOADS, LEAD POINTS, DIMENSIONS, ETC. OF THE ACTUAL EQUIPMENT WHICH IS TO BE FURNISHED.

- B. ALL DETAILS AND MEMBER SIZES SHOWN ON THE STRUCTURAL DRAWINGS ARE TENTATIVE UNTIL SUCH TIME AS THIS INFORMATION IS REVIEWED BY THE ARCHITECT.

- C. LOCATION OF SUPPORT BEAMS TO BE VERIFIED AND/OR COORDINATED BY THE CONTRACTOR WITH FINAL MECHANICAL EQUIPMENT LOCATIONS, SIZES, AND CONNECTION POINTS.

- D. CONNECTIONS OF ALL EQUIPMENT TO THE STRUCTURE PROVIDED ON THESE DRAWINGS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, THROUGH DELEGATED DESIGN BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT. CALCULATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL.

- E. ALL COST ASSOCIATED WITH CHANGES TO BASIS OF DESIGN EQUIPMENT RESULTING IN REQUIRED CHANGES TO THE STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

- F. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

22. POST-INSTALLED ANCHORS TO HARDENED CONCRETE:

- A. IN THE INSTALLATION OF ANCHORS, CARE SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING REINFORCING, CONDUIT, ETC. SEE GENERAL NOTE 5 FOR PROCEDURE FOR DRILLING HOLES IN EXISTING CONCRETE.

- B. UNLESS NOTED OTHERWISE, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC. OR APPROVED EQUAL.

1. ANCHORAGE TO CONCRETE:
- a. ADHESIVE ANCHORS: HILTI HIT-HY 200 SAFE SET SYSTEM WITH HAS-E THREADED ROD.
- b. REBAR DOWELING: HILTI HIT-HY 200 SAFE SET SYSTEM.
- c. EXPANSION ANCHORS: HILTI KWIK BOLT-T22

2. ANCHORAGE TO MASONRY:
- a. ADHESIVE ANCHORS: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
- b. ANCHORAGE TO MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM

3. ANCHORAGE TO MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM

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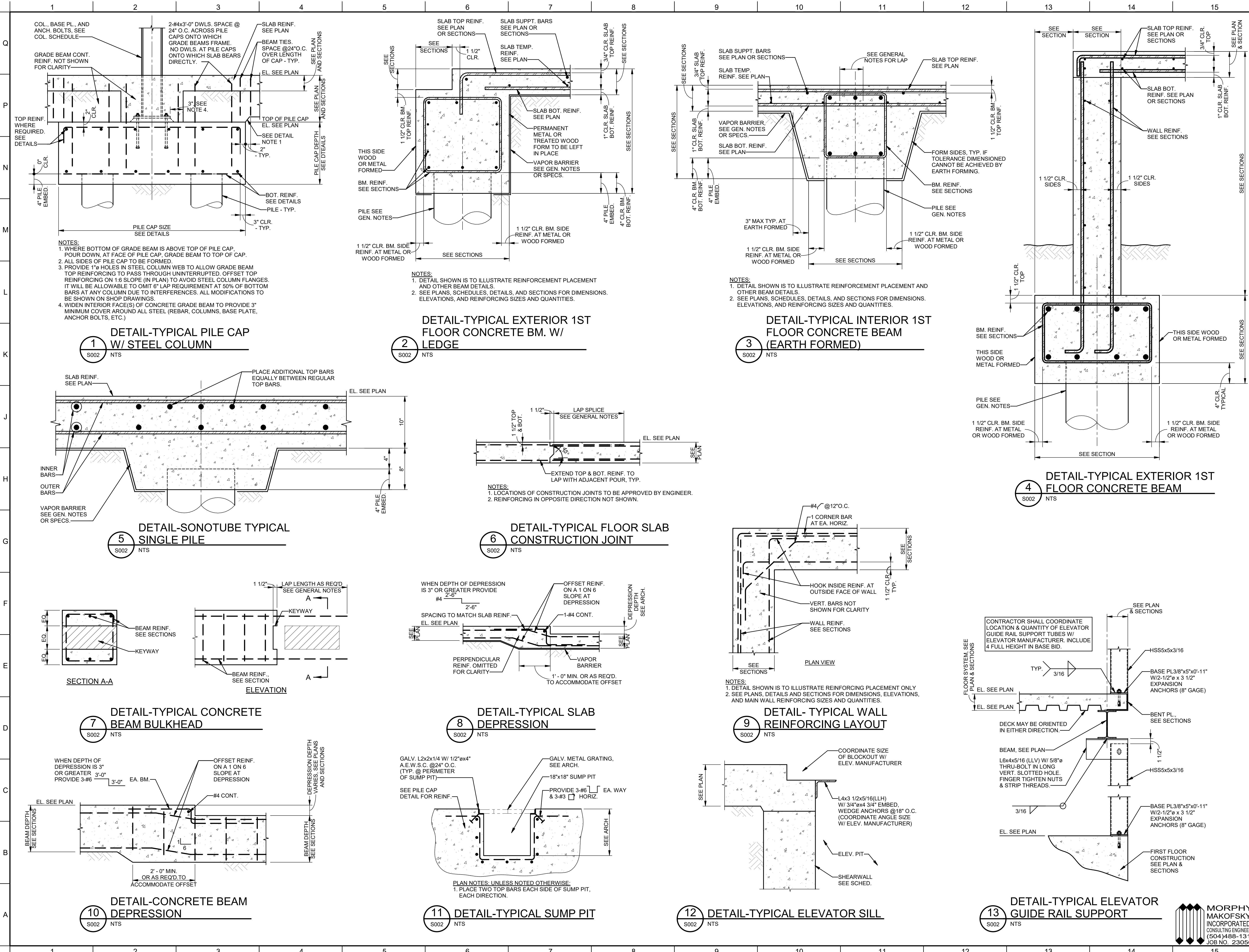
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68. ANCHORAGE TO MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM



No.	Description	Date

STAMP

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM GENERALLY ADMINISTERING THE WORK.

ENGINEER REG. NO. *Jonathan A. Sofranko* JONATHAN A. SOFRANKO REG. NO. 28228 IN CIVIL ENGINEERING 8-4-25

KEY PLAN

Mathes Brierre
ARCHITECTS

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PROJECT TITLE

FLOYD EDUCATION & COLLECTIONS PAVILION

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION DOCUMENTS

DESIGNED BY	HSB	CHECKED BY	JAS
DRAWN BY	HSB	DATE	08.04.2025
SHEET TITLE	TYPICAL DETAILS		
PROJECT NO.	12274	SHEET NO.	S002

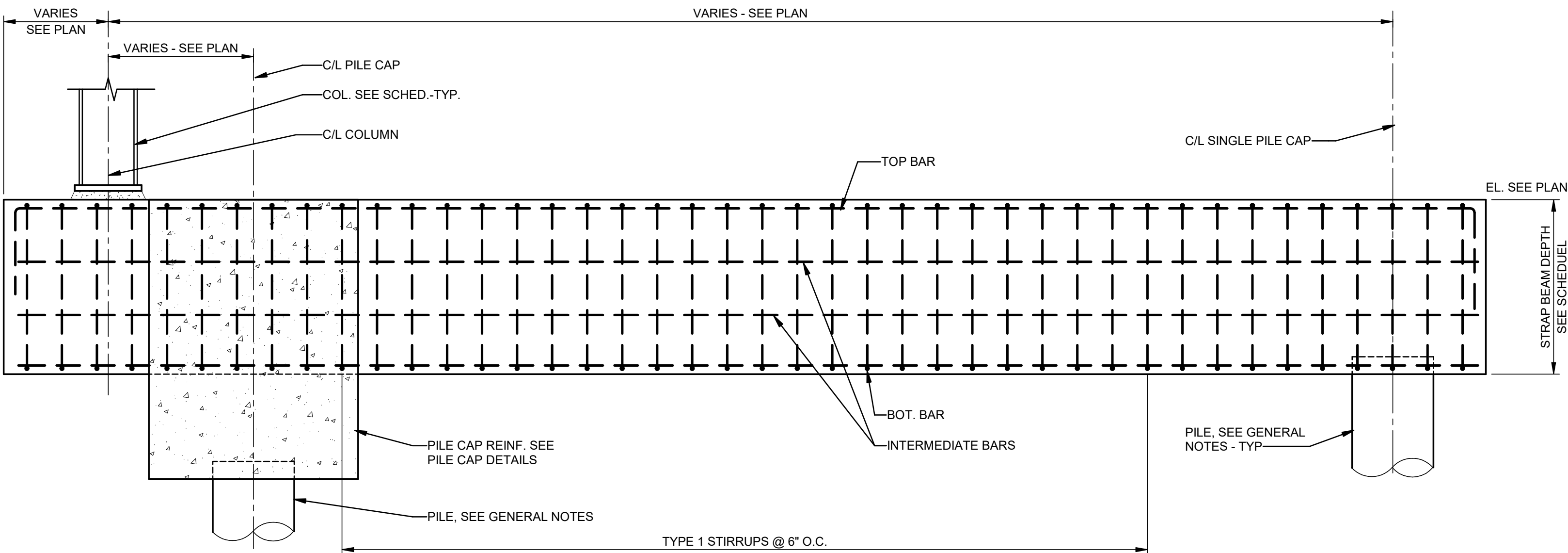
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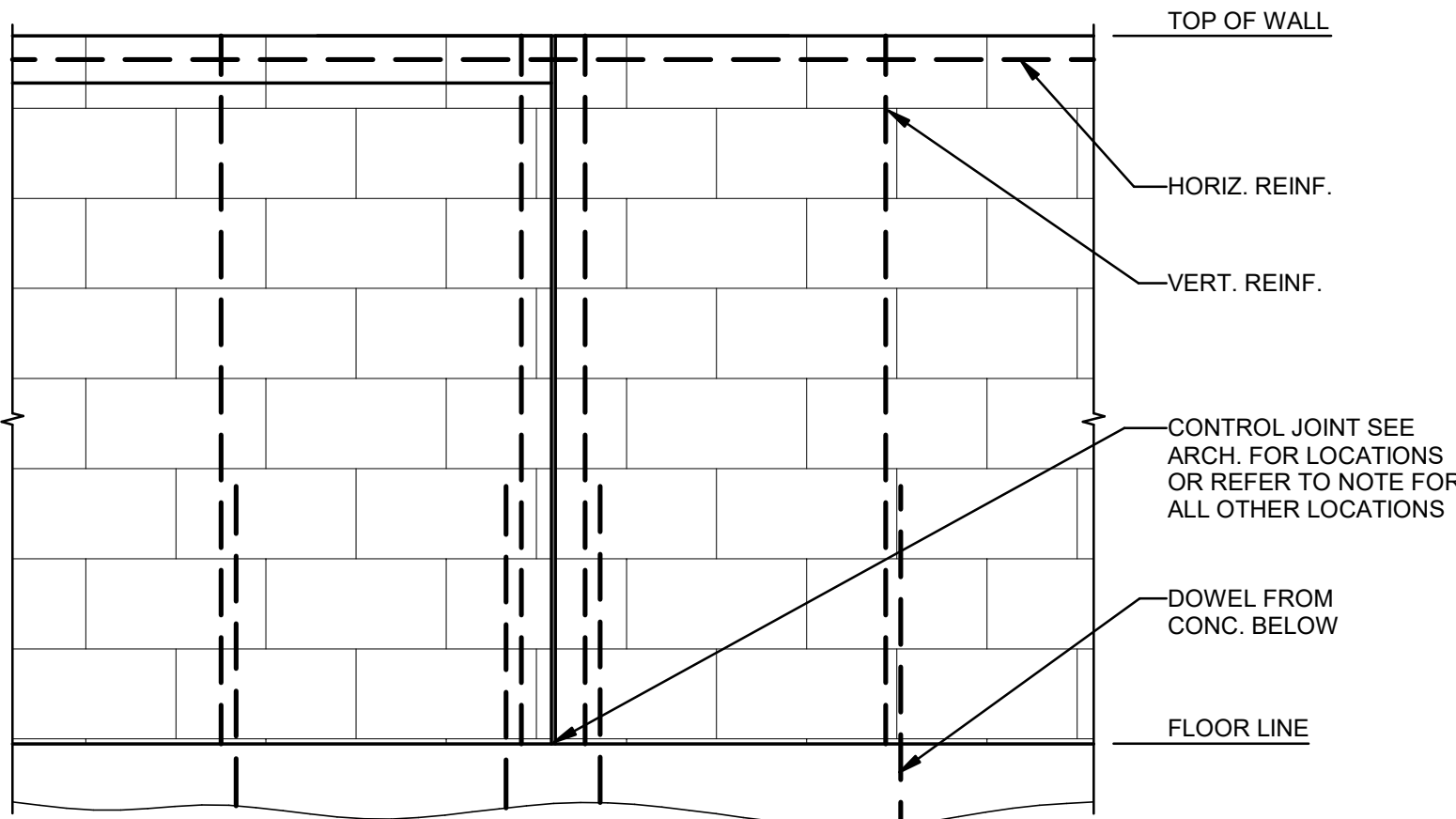
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1	2	3	4	5	6									
1 S003 STRAP BEAM SCHEDULE														
STRAP MARK	SIZE (INCHES)		PILE CAP STRAP REINFORCING										REMARKS	STIRRUP TYPE
			TOP BARS		BOTTOM BARS		INTER. BARS		STIRRUPS					
	W	D	TOTAL NUMBER	SIZE	TOTAL NUMBER	SIZE	NO. EA. FACE	SIZE	SIZE	TYPE 1	NO. OF TYPE 2	SPACING EA. SET		
SB1	24	24	4	#8	4	#6	--	--	#3	1	--	6" O.C.		TYPE 1
SB2	30	30	6	#9	6	#7	2	#6	#4	1	3	6" O.C.	TYPE 2 STIRRUPS ONLY EXTERIOR 4'-0"	TYPE 2
SB3	28	30	6	#8	6	#7	2	#6	#4	1	3	6" O.C.	TYPE 2 STIRRUPS ONLY EXTERIOR 4'-0"	
SB4	44	24	8	#7	8	#6	1	#6	#4	1	3	6" O.C.	TYPE 2 STIRRUPS ONLY EXTERIOR 4'-0"	TYPE 3
SB5	36	24	6	#7	6	#6	--	--	#3	1	--	6" O.C.		
SB6	24	24	4	#8	4	#6	--	--	#3	1	--	6" O.C.		
NOTES: 1. SEE 2/S003 FOR TYPICAL STRAP BEAM DETAIL.														



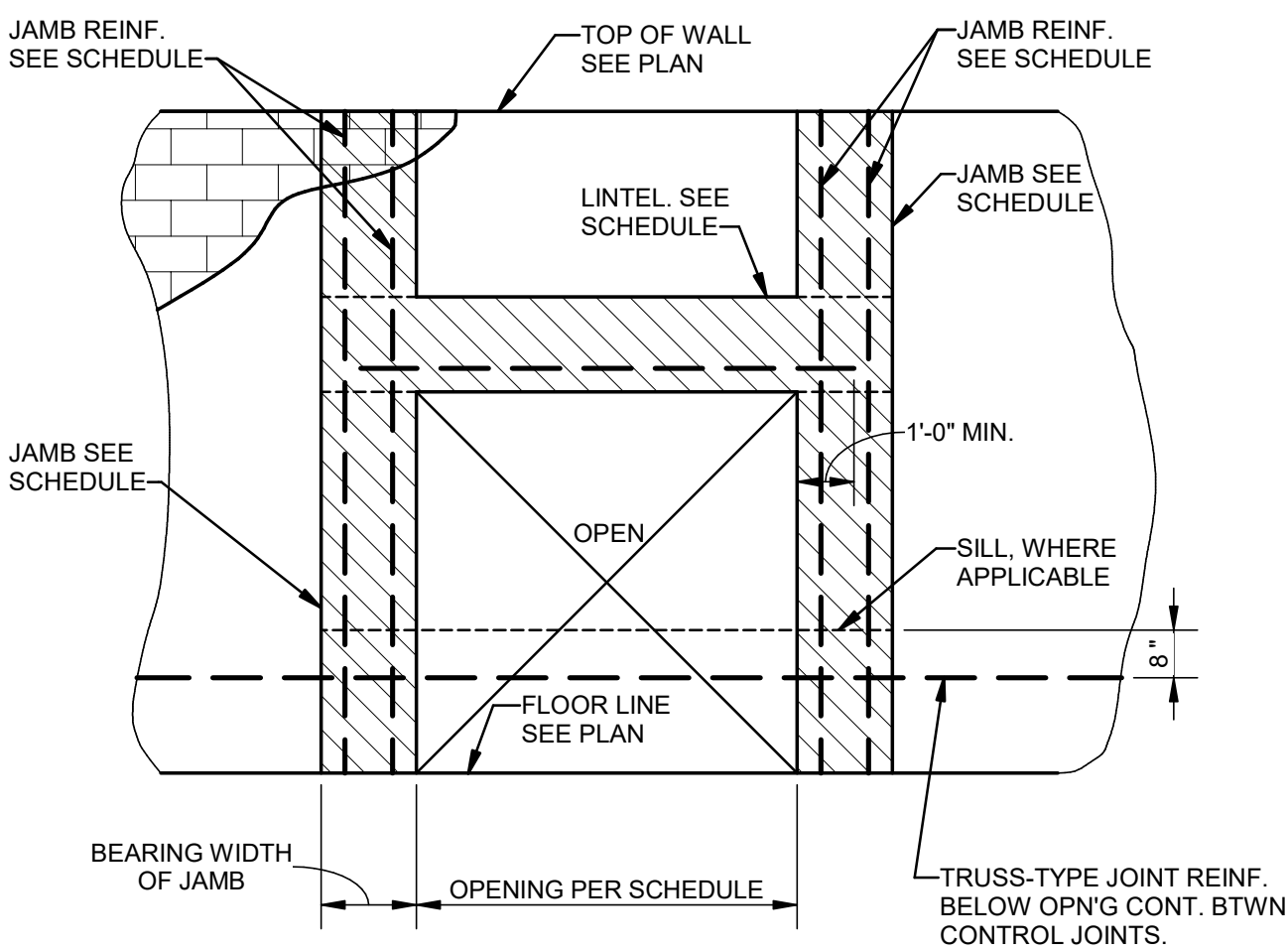
NOTES: UNLESS NOTED OTHERWISE:
1. FOR PILE CAPS WITH TOP REINFORCING, EQUALLY SPACE BARS ON EITHER SIDE OF STRAP REINFORCING FOR REINFORCING RUNNING PARALLEL WITH STRAP STEEL. FOR REINF. RUNNING PERPENDICULAR TO STRAP REINFORCING, PLACE BARS UNDERNEATH STRAP STEEL.
2. WHERE REQ'D, OFFSET REINF. ON A 1 ON 6 SLOPE MAX. TO CLEAR BOT. REINF. AT PILE CAPS.
3. STRAP BEAMS SHALL BE CAST MONOLITHIC WITH PILE CAPS.

2 DETAIL-TYPICAL STRAP BEAM



NOTE: UNLESS OTHERWISE INDICATED
1. SPACING OF CONTROL JOINTS SHALL NOT EXCEED THE LESSOR OF:
- EXPRESSED AS A RATIO OF WALL LENGTH/WALL HEIGHT (L/H) L/H=1.5 MAX. - 25FT.
2. AT CORNERS, CONTROL JOINTS SHALL BE LOCATED WITHIN A DISTANCE EQUAL TO ONE HALF (1/2) THE ABOVE LIMITS.

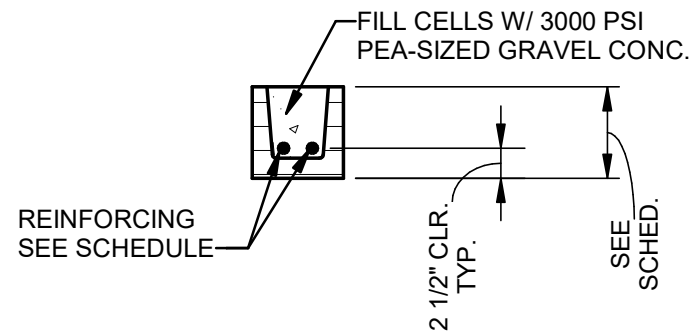
6 CONTROL JOINT DETAIL-ELEVATION OF MASONRY WALL WITH CONTROL JOINT



NOTES:
AT SILLS PROVIDE 8" "U-BLOCK" W/ 2-#5 CONT. BOT.-TYP. U.N.O.

7 CMU LINTEL/SILL SCHEDULE EXTERIOR WALL OPENINGS

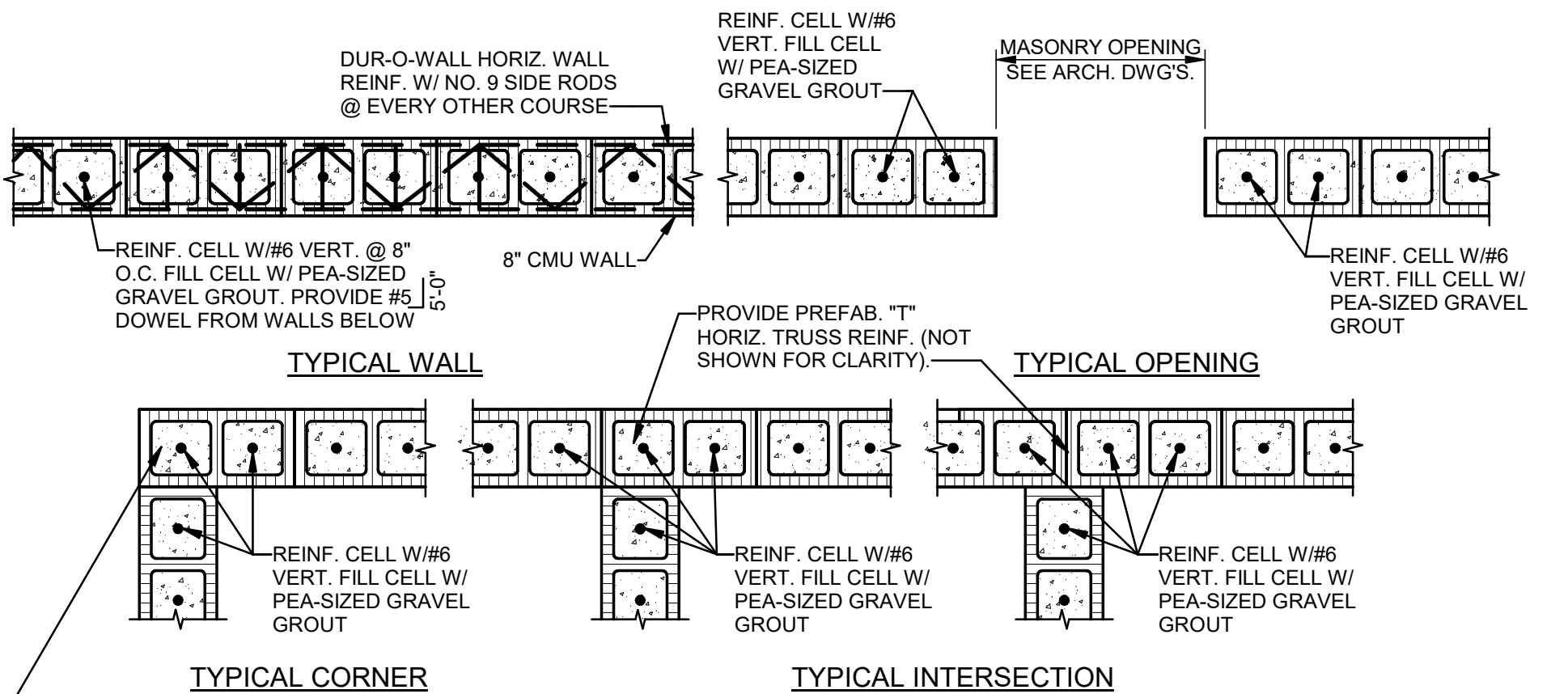
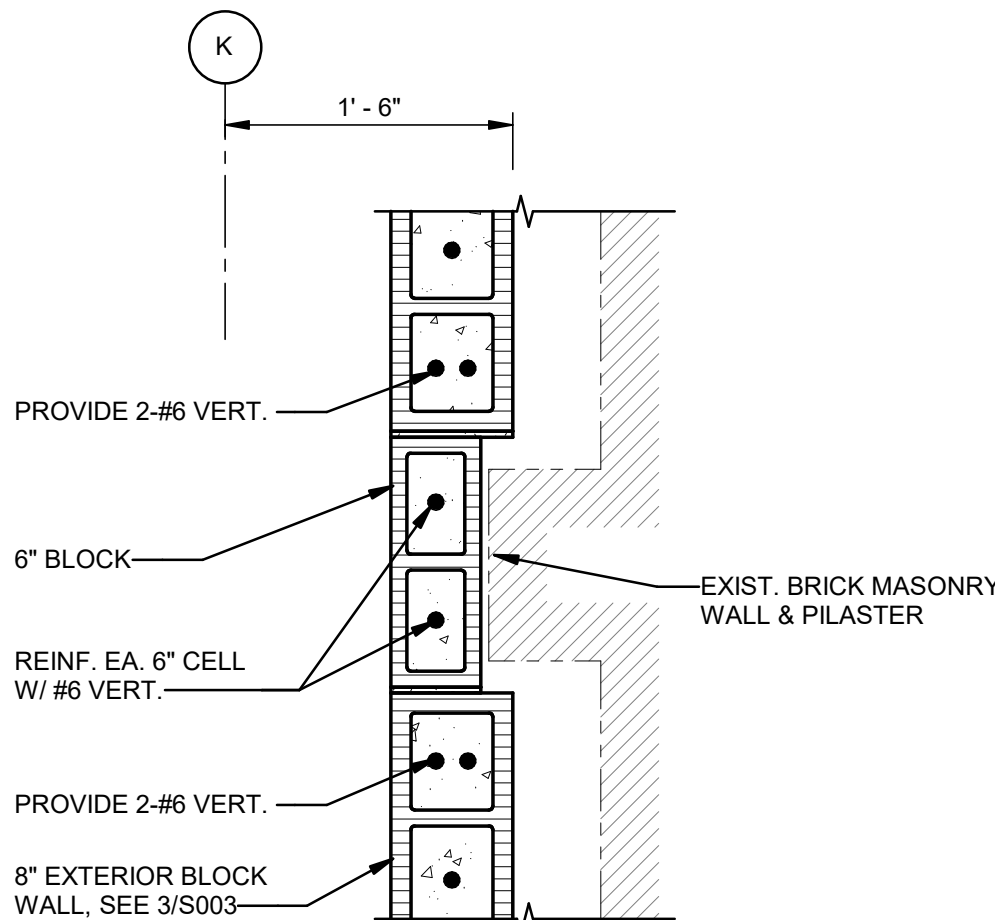
EXTERIOR CMU LINTEL/SILL SCHEDULE-CONCRETE MASONRY UNITS		
OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	BEAR EA. END FULL DIMENSIONS SHOWN
4'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
6'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
9'-0"	16" "U-BLOCK" 2-#5 CONT. BOT.	8x16 2-#6 VERT
11'-0"	16" "U-BLOCK" 2-#5 CONT. TOP & BOT.	8x16 2-#7 VERT
CMU LINTEL/SILL NOTES: UNLESS NOTED OTHERWISE: 1. JAMBS TO EXTEND FROM SUPPORTING STRUCTURE/FLOOR LEVEL BELOW OPENING TO FLOOR LEVEL ABOVE OPENING. 2. ALL JAMBS ARE TO BE FILLED SOLID FULL HEIGHT W/ 3000 PSI PEA GRAVEL AGGREGATE CONCRETE. 3. AT 16" "U-BLOCKS", PROVIDE #2 @24" O.C.		



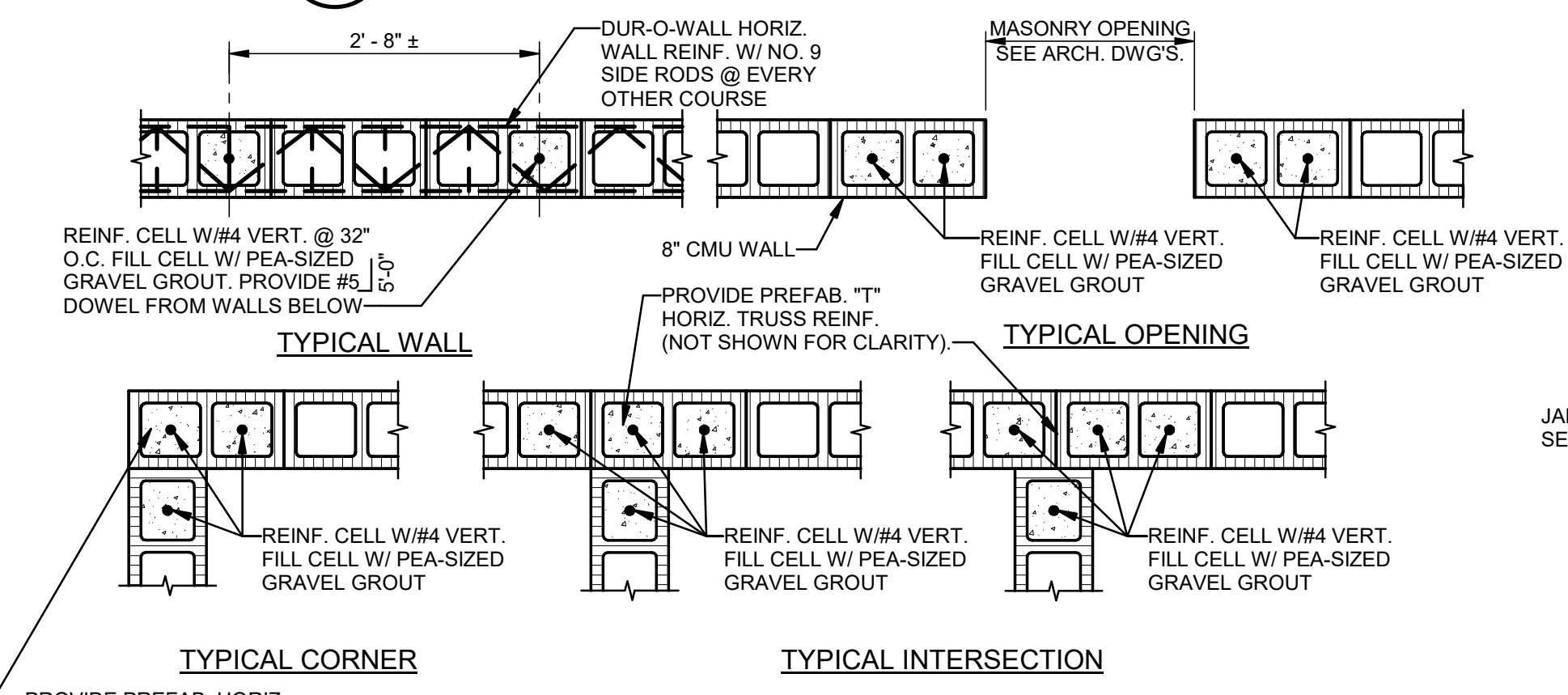
9 PLAN DETAIL - CMU AT EXISTING PILASTER

INTERIOR CMU LINTEL/SILL SCHEDULE-CONCRETE MASONRY UNITS		
OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	BEAR EA. END FULL DIMENSIONS SHOWN
4'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
6'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
9'-0"	16" "U-BLOCK" 2-#5 CONT. BOT.	8x16 2-#6 VERT
11'-0"	16" "U-BLOCK" 2-#5 CONT. TOP & BOT.	8x16 2-#7 VERT
CMU LINTEL/SILL NOTES: UNLESS NOTED OTHERWISE: 1. JAMBS TO EXTEND FROM SUPPORTING STRUCTURE/FLOOR LEVEL BELOW OPENING TO FLOOR LEVEL ABOVE OPENING. 2. ALL JAMBS ARE TO BE FILLED SOLID FULL HEIGHT W/ 3000 PSI PEA GRAVEL AGGREGATE CONCRETE. 3. AT 16" "U-BLOCKS", PROVIDE #2 @24" O.C.		

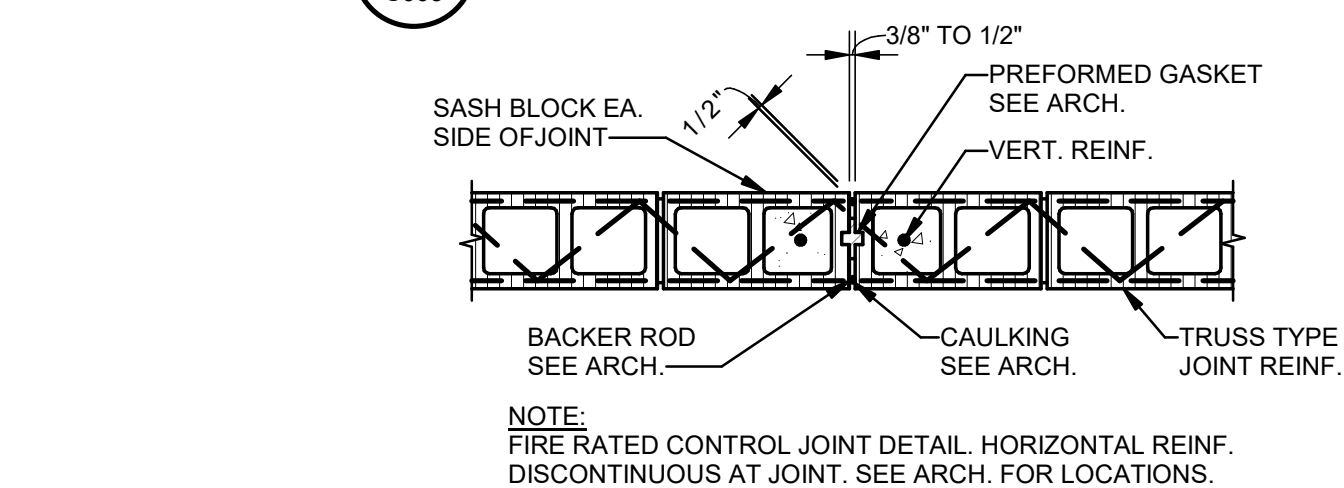
8 CMU LINTEL/SILL SCHEDULE INTERIOR WALL OPENINGS



3 TYPICAL DETAIL - EXTERIOR CMU VERTICAL WALL REINFORCEMENT



4 TYPICAL DETAIL - INTERIOR CMU VERTICAL WALL REINFORCEMENT



5 TYPICAL CONTROL JOINT DETAIL

No.	Description	Date

STAMP

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PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST.
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	
TYPICAL DETAILS	
PROJECT NO.	SHEET NO.
12274	S003

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TYPICAL BEAM TO BEAM AND
BEAM TO COLUMN CONNECTION
SCHEDULE AND DETAIL

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S004

NTS

Diagram showing a beam-to-beam and beam-to-column connection. It includes details for angle size, bolt placement, and welds. Notes specify requirements for angle size, bolt placement, and welds.

NOTES:

- WHERE BEAMS AND GIRDERS FRAME INTO A W8 COLUMN OR THE WEB OF A W10 COLUMN, ANGLE SIZE 3x3xSAME THICKNESS SHALL BE USED AND g1 SHALL BE DECREASED 1 1/2" TYPICALLY.
- FOR CHANNEL CONNECTIONS, USE ANGLE AND BOLTS FOR SIMILAR DEPTH BEAM SHOWN BELOW.
- FOR ANGLES 0° TO 14° FROM PERPENDICULAR, ANGLES SHALL BE BENT.
- FOR ANGLES 14° TO 33.7° FROM PERPENDICULAR, PROVIDE 2 BENT PLATES 3/8"x AS REQ'D. BY GEOMETRY (PROVIDE MIN. 3" WELD).
- FOR ANGLES 33.7° TO 71.6° FROM PERPENDICULAR, PROVIDE 1 BENT PLATE 3/8"x AS REQ'D. BY GEOMETRY (PROVIDE MIN. 3" WELD).
- LEG SHALL BE ADJUSTED WHERE REQUIRED BY GEOMETRY.

ANGLES 0° TO 33.7°							ANGLES 33.7° TO 71.6°	
BEAM SIZE	ANGLE SIZE	L in.	n	g1	WELD A	BOLT DIAMETER	L in.	n
C8's, C10's, W8's & W10's	L4x3 1/2x5/16	5 1/2	2	5 1/2	3/16	3/4"	5 1/2	2
C12's & W12's	L4x3 1/2x5/16	5 1/2	2	5 1/2	3/16	3/4"	8 1/2	3
W14's	L4x3 1/2x5/16	8 1/2	3	5 1/2	3/16	3/4"	11 1/2	4
W16's	L4x3 1/2x5/16	11 1/2	4	5 1/2	3/16	3/4"	11 1/2	4
W18's	L4x3 1/2x5/16	11 1/2	4	5 1/2	3/16	3/4"	14 1/2	5
W21's	L4x3 1/2x5/16	14 1/2	5	5 1/2	3/16	3/4"	17 1/2	6
W24's	L4x3 1/2x5/16	17 1/2	6	5 1/2	3/16	3/4"		
W27's	L4x3 1/2x5/16	17 1/2	6	5 1/2	1/4	3/4"		
W30's	L4x3 1/2x3/8	20 1/2	7	5 1/2	1/4	3/4"		
W33's	L4x3 1/2x3/8	23 1/2	8	5 1/2	1/4	3/4"		
W36's	L4x3 1/2x3/8	26 1/2	9	5 1/2	1/4	3/4"		
W40's	L4x3 1/2x3/8	29 1/2	10	5 1/2	1/4	3/4"		

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DETAIL- STAIR HANGER AND
CONNECTION

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S004

1" = 1'-0"

Diagram showing a stair hanger and connection. It includes details for hanger, beam, and connection. Notes specify requirements for hanger, beam, and connection.

NOTE: STAIR HANGER & CONNECTION BY STAIR MANUF.

NOTE: STAIR MANUF. TO PROVIDE KICKER WHERE e > 1" COORDINATE W/ ARCH & MEP

NOTE: UNLESS NOTED OTHERWISE:

- PROVIDE LOCATION & MAGNITUDE OF ALL STAIR LOADS IMPOSED ON THE SUPPORTING STRUCTURE ON FIRST SHOP DRAWING SUBMITTAL.
- HANGERS SHALL BE CONCENTRIC W/ BEAM ABOVE AT ALL EXTERIOR LOCATIONS.

PLAN DETAIL-TYP. SLAB
OPENING

4

S004

1/4" = 1'-0"

Diagram showing a slab opening. It includes details for opening, beam, and connection. Notes specify requirements for opening, beam, and connection.

NOTES:

- COORDINATE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL.
- FRAME OPENINGS AT ROOF SIMILAR.
- ANY OPENINGS WHICH CANNOT BE FRAMED AS SHOWN SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW.

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ALTERNATE BEAM TO BEAM
CONNECTION SCHEDULE AND
DETAIL

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S004

NTS

Diagram showing an alternate beam-to-beam connection. It includes details for angle size, bolt placement, and welds. Notes specify requirements for angle size, bolt placement, and welds.

NOTES: UNLESS NOTED OTHERWISE:

- ALL BOLTS SHALL BE A-325 (N).

BEAM SIZE	PLATE SIZE	L in.	n	WELD (TYP.) EA. SIDE	BOLT DIAMETER
W8's	5/16"x 3 1/2"	6	2	1/4	3/4"
W10's	5/16"x 3 1/2"	6	2	1/4	3/4"
W12's	5/16"x 3 1/2"	9	3	1/4	3/4"
W14's	5/16"x 3 1/2"	9	3	1/4	3/4"
W16's	5/16"x 3 1/2"	12	4	1/4	3/4"
W18's	5/16"x 3 1/2"	12	4	1/4	3/4"
W21's	3/8"x 3 1/2"	15	5	5/16	3/4"
W24's	3/8"x 3 1/2"	15	5	5/16	3/4"
W27's	3/8"x 3 1/2"	18	6	5/16	3/4"

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DETAIL- TYP. ROOF MOUNTED
MECHANICAL EQUIPMENT
SUPPORT

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S004

1" = 1'-0"

Diagram showing a roof mounted mechanical equipment support. It includes details for support, beam, and connection. Notes specify requirements for support, beam, and connection.

NOTES:

- DETAIL APPLIES TO ALL MECHANICAL EQUIPMENT INCLUDING FANS, ROOF HATCHES, ROOF DRAINS, ETC.
- NOT ALL MECHANICAL EQUIPMENT LOCATIONS & WEIGHTS KNOWN OR SHOWN ON STRUCTURAL DRAWINGS. WHERE NOT INDICATED ON PLANS OTHERWISE, CONTRACTOR TO FOLLOW RECOMMENDATIONS SHOWN IN DETAIL FOR SUPPORT OF SAID EQUIPMENT.
- PROVIDE WIDE FLANGE BEAM, W/ SECTION MODULUS AND MOMENT OF INERTIA NECESSARY TO SATISFY THE DESIGN.

DETAIL-TYPICAL JOIST REINF. AT
CONCENTRATED LOAD

8

S004

1" = 1'-0"

Diagram showing joist reinforcement at concentrated load. It includes details for reinforcement, joist, and connection. Notes specify requirements for reinforcement, joist, and connection.

NOTE: PROVIDE CHORD REINF. FOR ALL CONCENTRATED LOADS GREATER THAN 50 LBS LOCATED MORE THAN 6" FROM C/L PANEL POINT.

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Description

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REG. NO.

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IN

CIVIL ENGINEERING

8-4-25

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FLOYD EDUCATION
& COLLECTIONS
PAVILION

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION
DOCUMENTS

DESIGNED BY

HSB

CHECKED BY

JAS

DRAWN BY

HSB

DATE

08.04.2025

SHEET TITLE

TYPICAL DETAILS

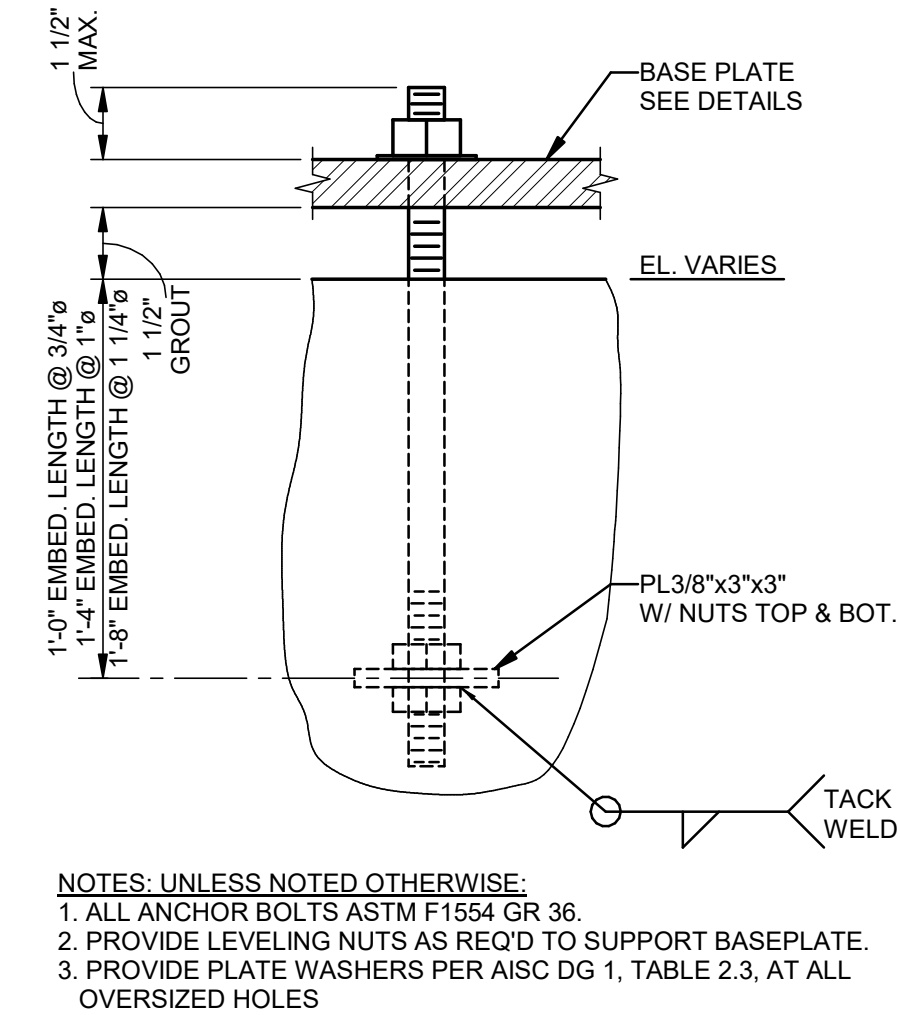
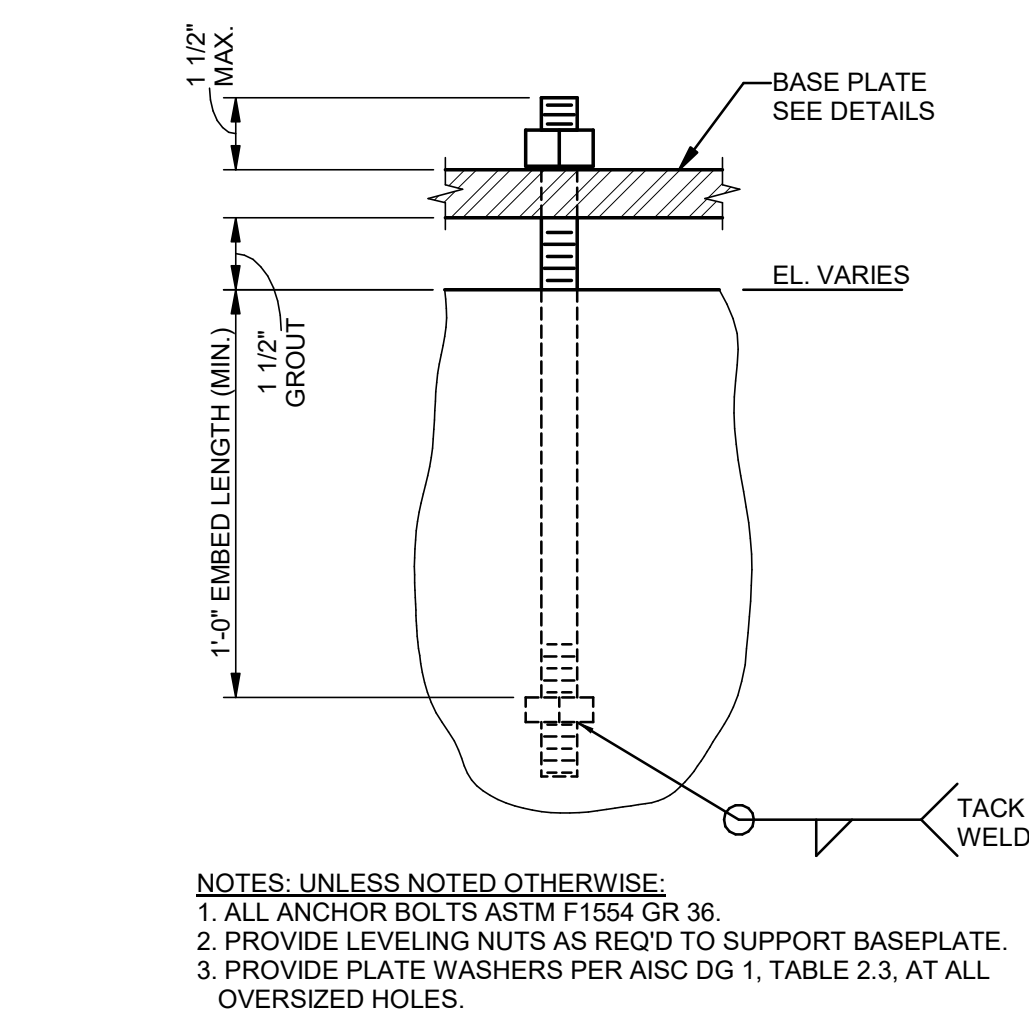
PROJECT NO.

12274

SHEET NO.

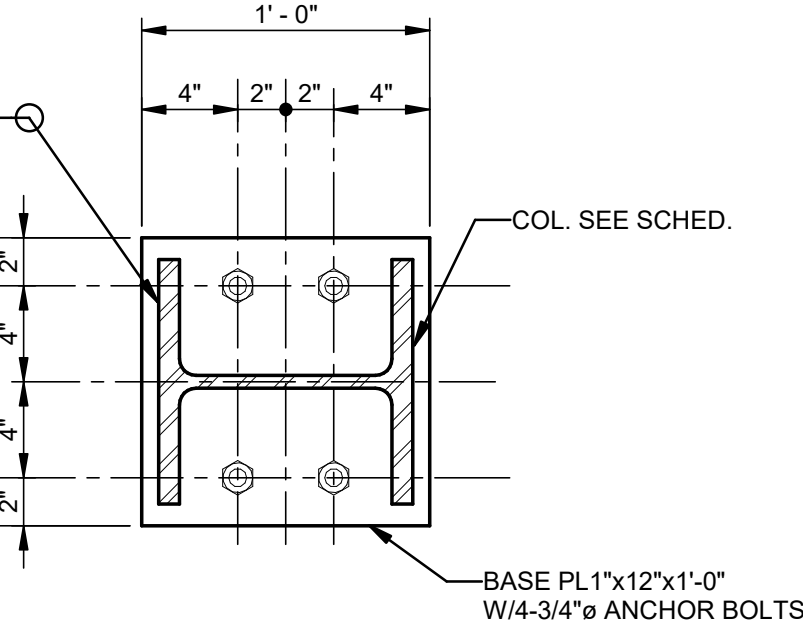
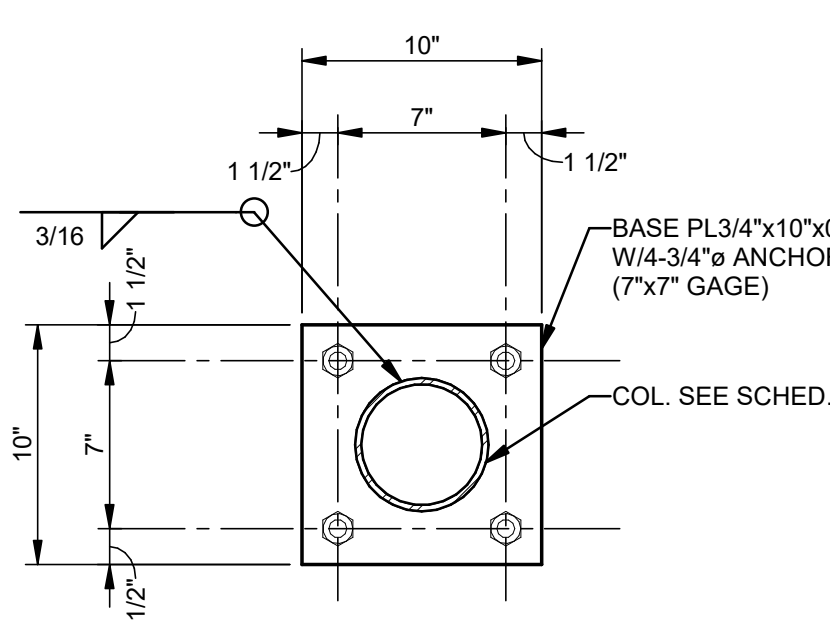
S004

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Q	1 COLUMN SCHEDULE NOTE: UNLESS NOTED OTHERWISE: 1. PROVIDE TYPE 2 ANCHOR BOLTS AT ALL W14x30 COLUMNS AND AT A-2, A-4, K-2 & K-4.														
P	COLUMN DESIGNATION	B-3 B-2.6 C-2.6 E-2.6	E-6 G-6 H-6 J-5-6	A-5 A-4	C-5 E-5	G-5 H-5 K-5 G-4 H-4 K-4	A-3 G-3 H-3 K-3 A-2 E-2 G-2 H-2 K-2	A-1.1 B-1.1 C-1.1 D-1.1	A-4.5 A-4.4	C-4 E-4 C-3 E-3	E-1 F-1 G-1 H-1 J-1 K-1	C-2			
N	PENTHOUSE ROOF TOP OF STEEL EL. 156'-2"								PIPE 4 STD						
M	HIGH ROOF TOP OF STEEL EL. 145'-6"											TOS 144'-2"			
L	LOW ROOF TOP OF STEEL EL. 136'-10"														
K	2ND FLOOR TOP OF SLAB EL. 124'-6 1/2"					W10x49	W10x49	W10x49	W10x49	W10x49	W10x49	W10x54			
J	LOW MEZZANINE ROOF TOP OF STEEL EL. 113'-6"														
I	MEZZANINE TOP OF SLAB EL. 111'-6"														
H	1ST FLOOR TOP OF SLAB EL. 100'-0"														
G	TOP OF PILE CAP EL. SEE PLAN														
F	BASE PLATE	SEE 4/S005	SEE 4/S005	SEE 5/S005	SEE 7/S005	SEE 5/S005	SEE 8/S005 & SEE 11/S005 @ A-1.1	SEE 9/S402	SEE 6/S005	SEE 8/S005 & SEE 11/S005 @ K-1	SEE 5/S005				



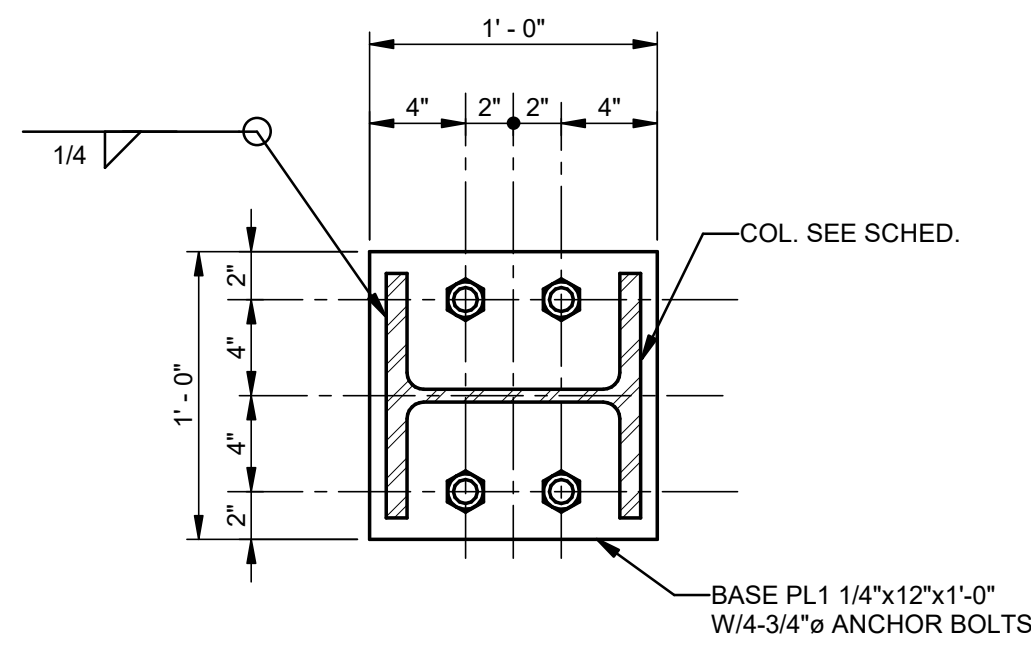
2 DETAIL-ANCHOR BOLT TYPE 1
S005 NTS

3 DETAIL-ANCHOR BOLT TYPE 2
S005 NTS

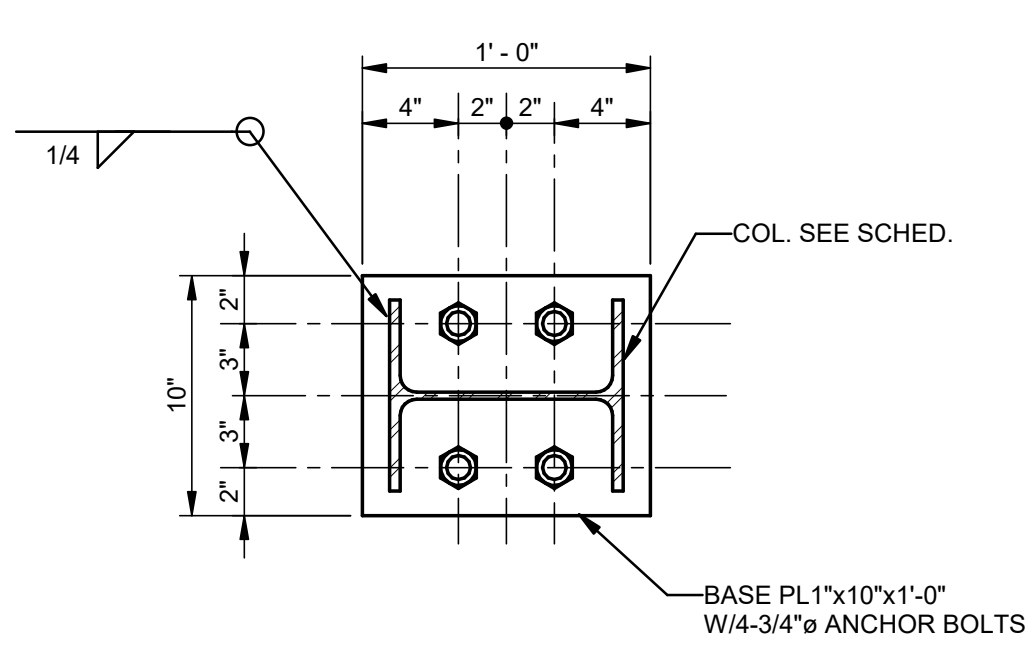


4 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"

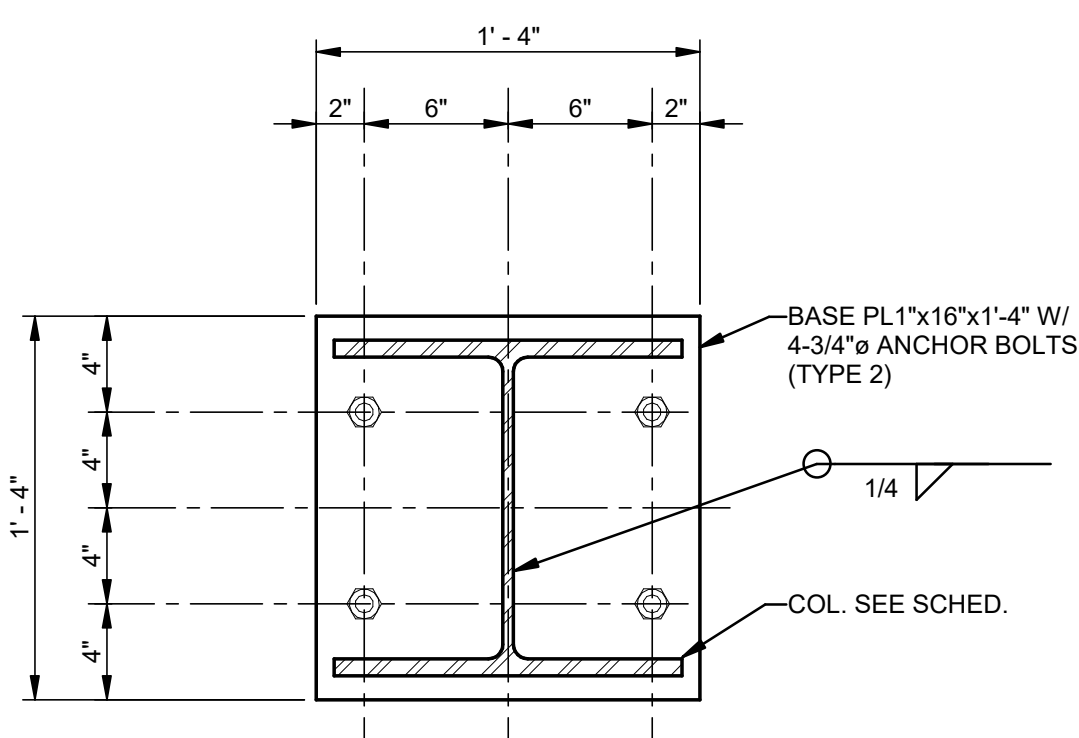
5 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"



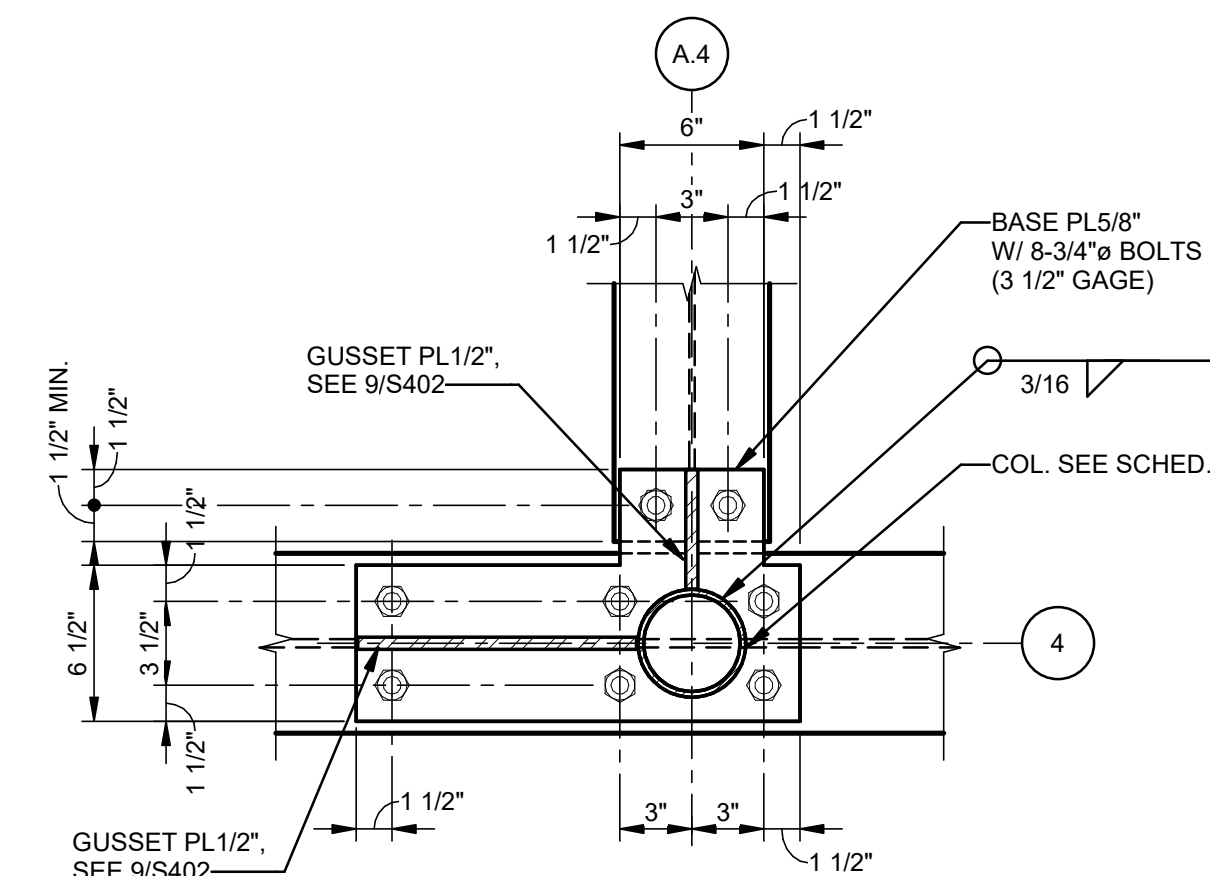
6 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"



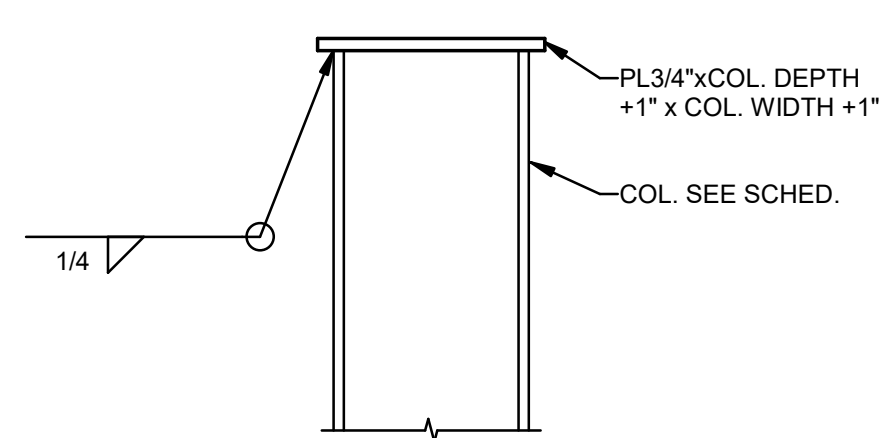
7 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"



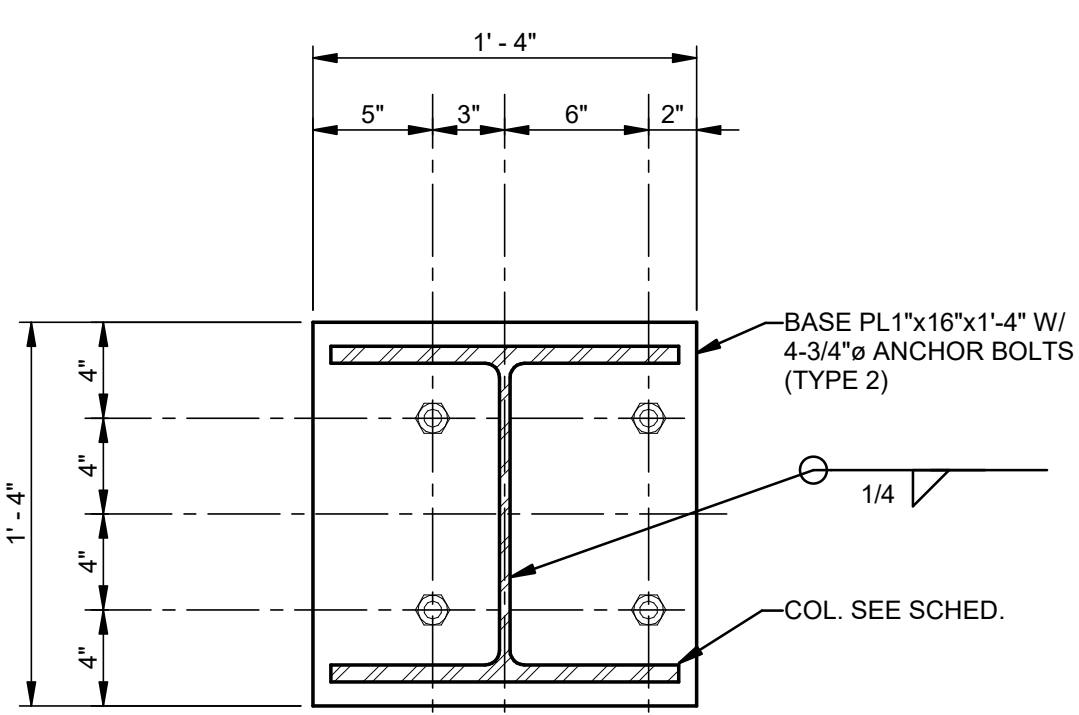
8 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"



9 PLAN DETAIL - BASE PLATE
S005 1 1/2" = 1'-0"



10 DETAIL - TYPICAL TOP OF COLUMN
S005 1" = 1'-0"



11 DETAIL-BASE PLATE
S005 1 1/2" = 1'-0"

No.	Description	Date
1	ADDENDUM 1	08-22-2025

STAMP

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ENGINEER REG. NO. *Jonathan A. Sofranko*

Jonathan A. Sofranko

STATE OF LOUISIANA
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IN
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8-4-25

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PROJECT TITLE

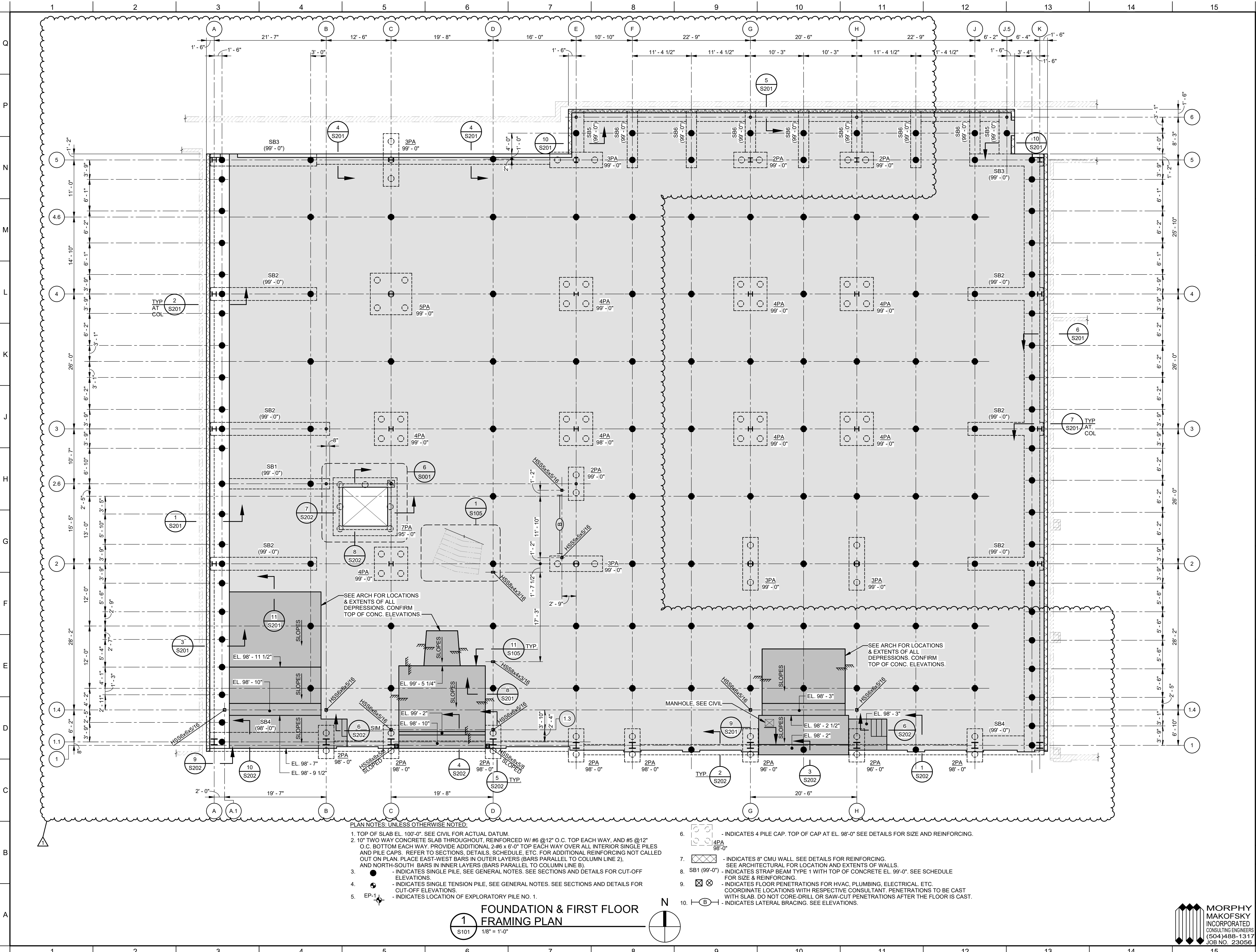
FLOYD EDUCATION & COLLECTIONS PAVILION

1060 MAGAZINE ST.
NEW ORLEANS, LA 70130

CONSTRUCTION DOCUMENTS

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	
TYPICAL DETAILS	
PROJECT NO.	SHEET NO.
12274	S005

MORPHY MAKOFSKY
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CONSULTING ENGINEERS
(504)488-1317
JOB NO. 23056



- PLAN NOTES: UNLESS OTHERWISE NOTED:
- TOP OF SLAB EL. 100'-0". SEE CIVIL FOR ACTUAL DATUM.
 - 10' TWO WAY CONCRETE SLAB THROUGHOUT, REINFORCED W/ #6 @12" O.C. TOP EACH WAY, AND #5 @12" O.C. BOTTOM EACH WAY. PROVIDE ADDITIONAL 2-#6 x 6'-0" TOP EACH WAY OVER ALL INTERIOR SINGLE PILES AND PILE CAPS. REFER TO SECTIONS, DETAILS, SCHEDULE, ETC. FOR ADDITIONAL REINFORCING NOT CALLED OUT ON PLAN. PLACE EAST-WEST BARS IN OUTER LAYERS (BARS PARALLEL TO COLUMN LINE 2), AND NORTH-SOUTH BARS IN INNER LAYERS (BARS PARALLEL TO COLUMN LINE B).
 - INDICATES SINGLE PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
 - INDICATES SINGLE TENSION PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
 - EP-1 INDICATES LOCATION OF EXPLORATORY PILE NO. 1.
 - INDICATES 4 PILE CAP. TOP OF CAP AT EL. 98'-0" SEE DETAILS FOR SIZE AND REINFORCING.
 - INDICATES 8" CMU WALL. SEE DETAILS FOR REINFORCING. SEE ARCHITECTURAL FOR LOCATION AND EXTENTS OF WALLS.
 - SB1 (99'-0") INDICATES STRAP BEAM TYPE 1 WITH TOP OF CONCRETE EL. 99'-0". SEE SCHEDULE FOR SIZE & REINFORCING.
 - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.
 - INDICATES LATERAL BRACING. SEE ELEVATIONS.

FOUNDATION & FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

No.	Description	Date
1	ADDENDUM 1	08-22-2025

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8-4-25

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PROJECT TITLE

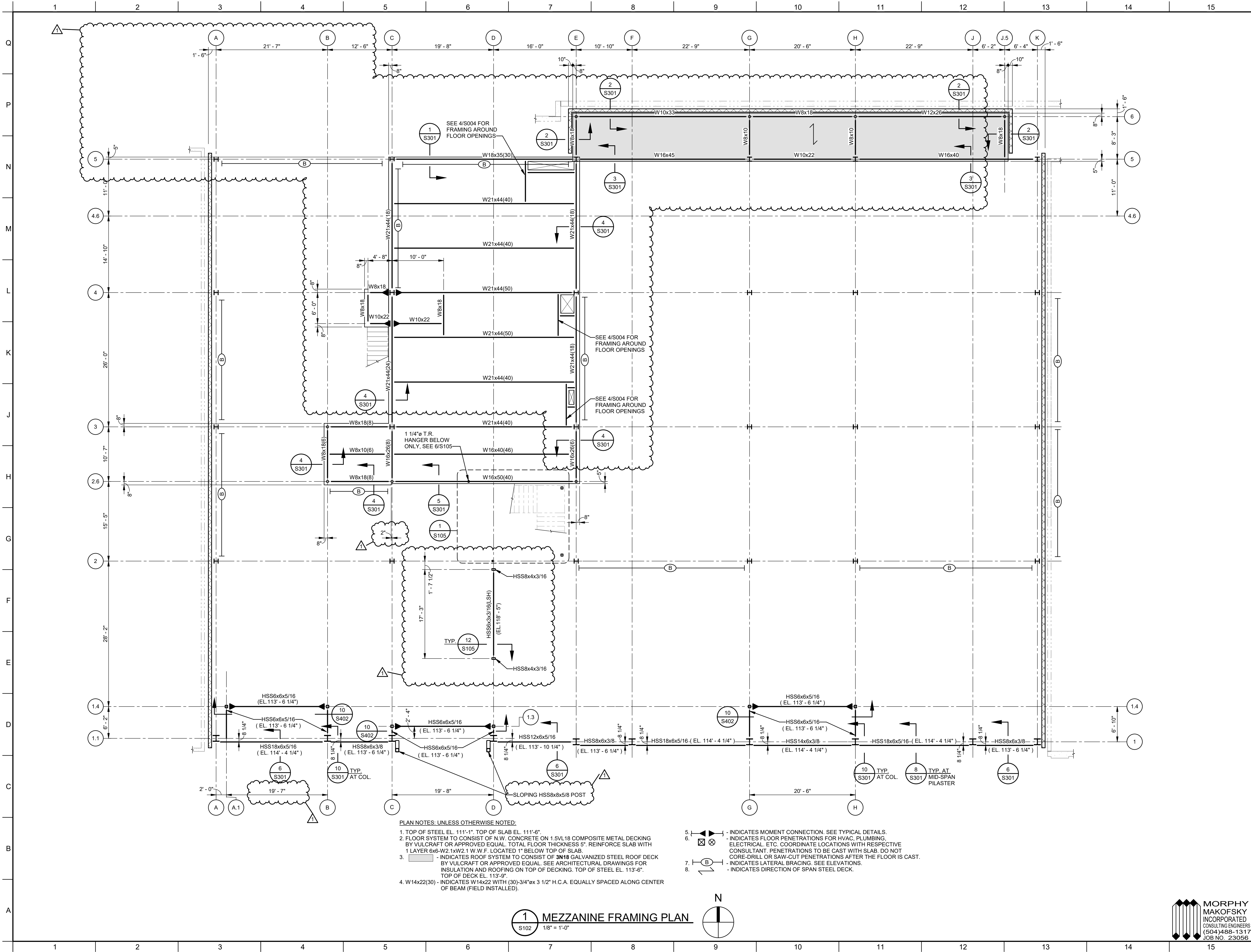
FLOYD EDUCATION & COLLECTIONS PAVILION

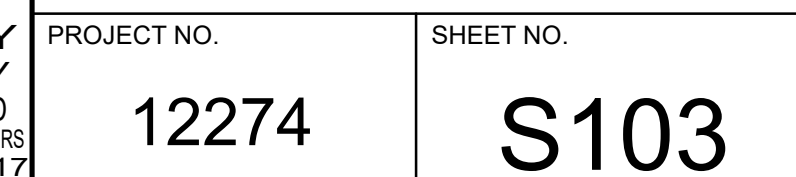
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

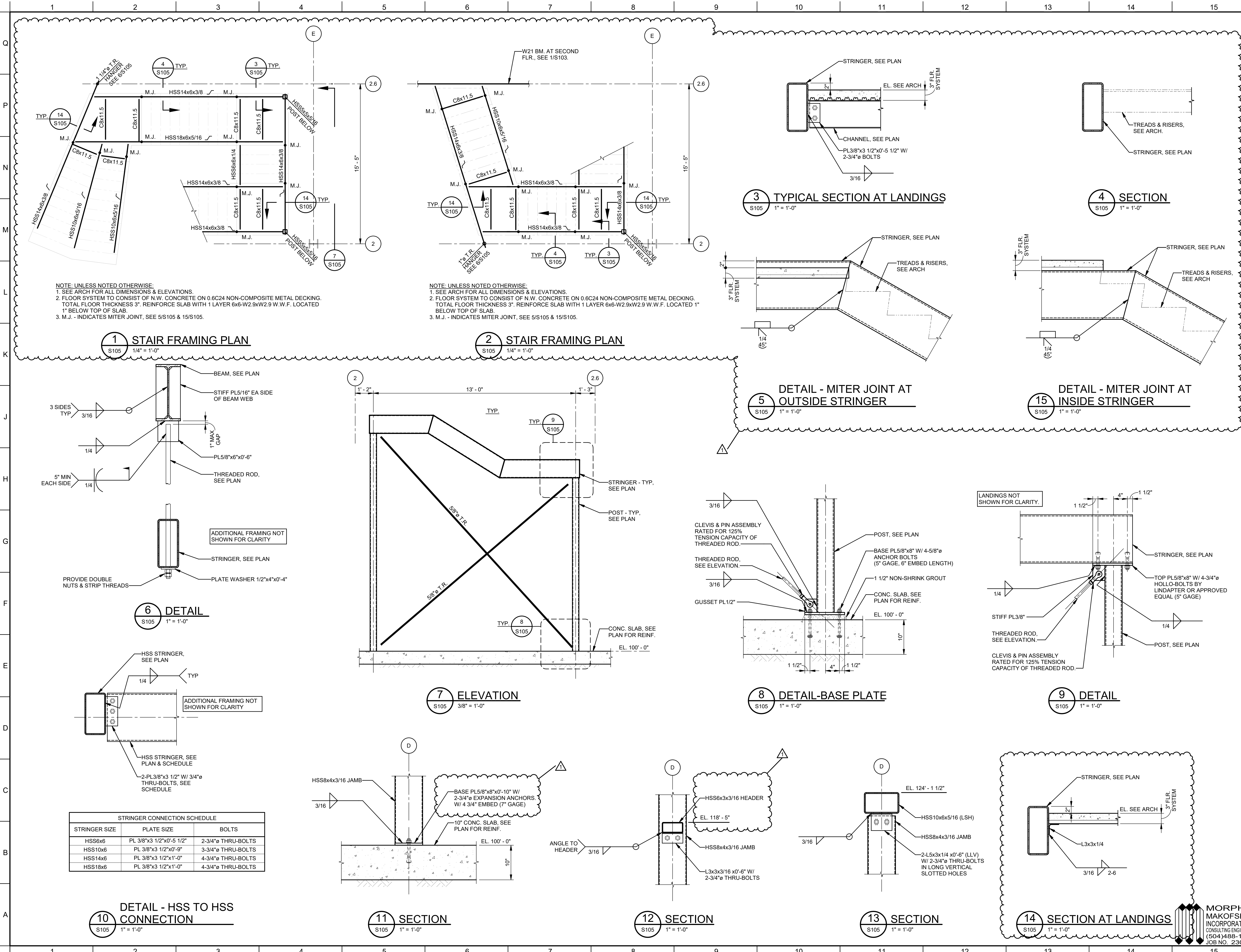
CONSTRUCTION DOCUMENTS

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HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	FOUNDATION & FIRST FLR FRAMING PLAN
PROJECT NO.	SHEET NO.
12274	S101









No.	Description	Date
1	ADDENDUM 1	08-22-2025

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PROJECT TITLE

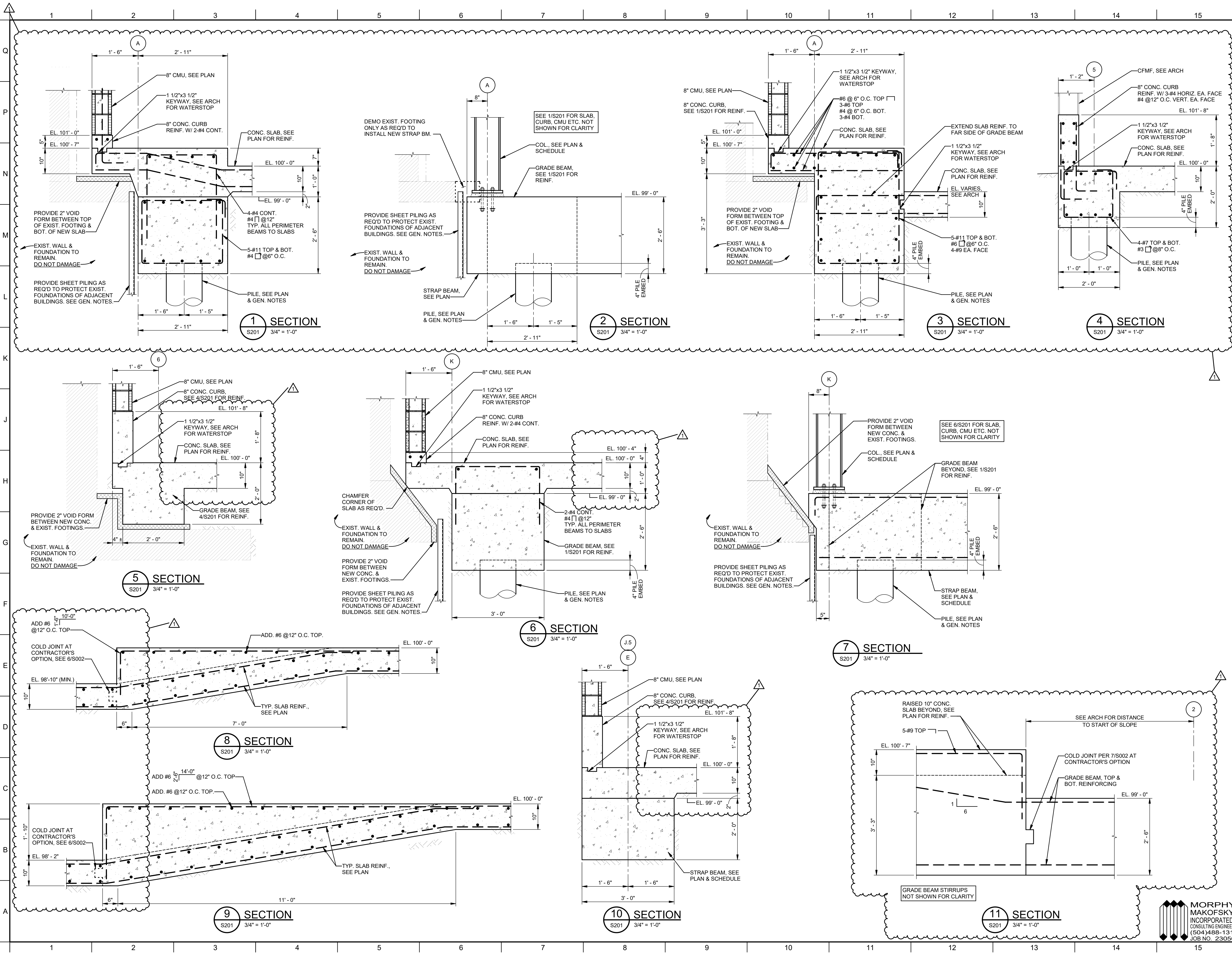
**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST.
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

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HSB	JAS
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HSB	08.04.2025
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PROJECT NO.	SHEET NO.
12274	S105

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JOB NO. 23056



No.	Description	Date
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Voice. 504.586.9303. Fax. 504.582.1305
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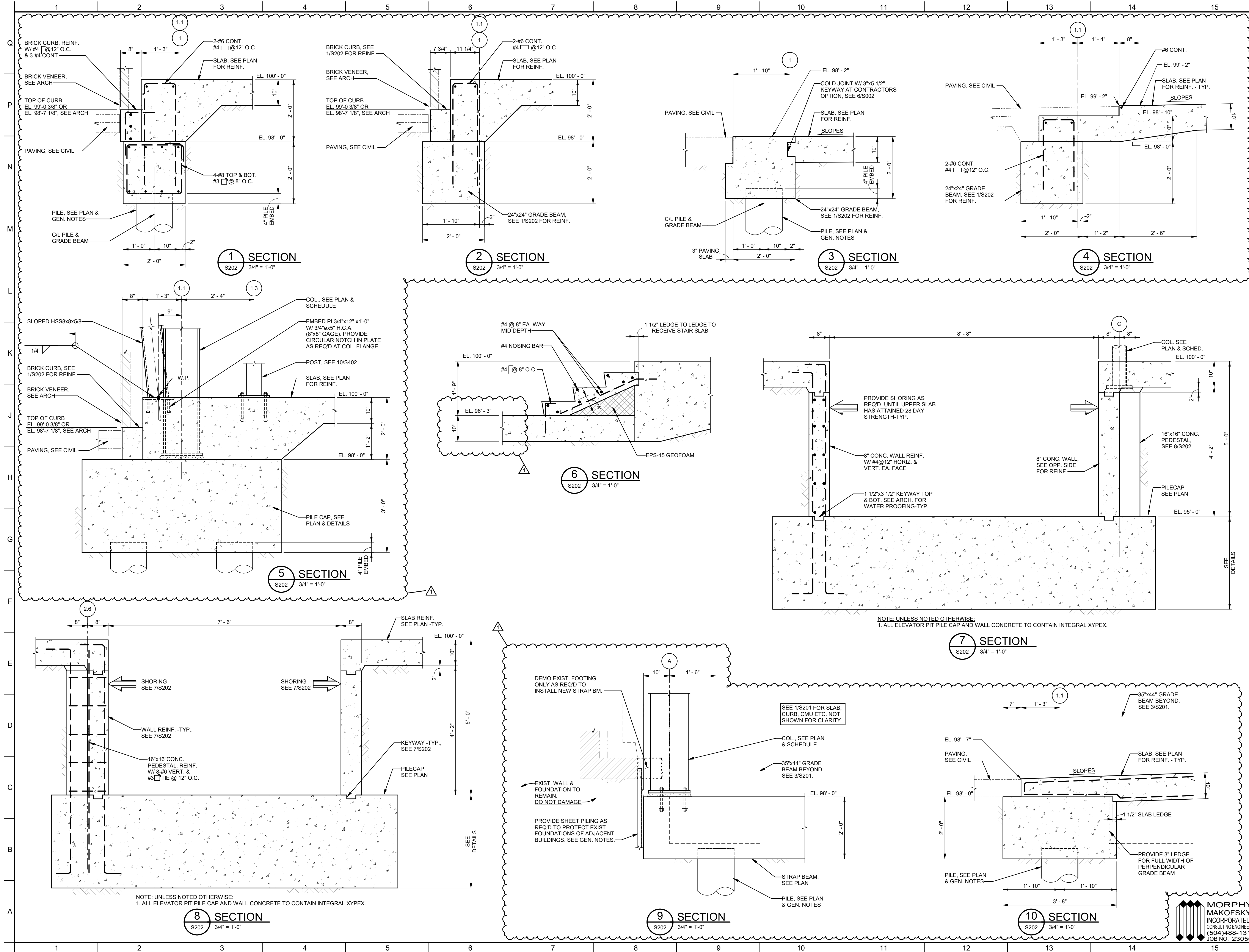
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION
DOCUMENTS

DESIGNED BY	HSB	CHECKED BY	JAS
DRAWN BY	HSB	DATE	08.04.2025
SHEET TITLE	FOUNDATION SECTIONS & DETAILS		
PROJECT NO.	12274	SHEET NO.	S201



No.	Description	Date
1	ADDENDUM 1	08-22-2025

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ENGINEER *Jonathan A. Sofranko* REG. NO. 28228 IN CIVIL ENGINEERING 8-4-25

KEY PLAN

Mathes Brierre
ARCHITECTS

201 St. Charles Avenue, Forty First Floor
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Voice: 504.586.9303, Fax: 504.582.1305
architecture@mathesbrierre.com

PROJECT TITLE

FLOYD EDUCATION & COLLECTIONS PAVILION

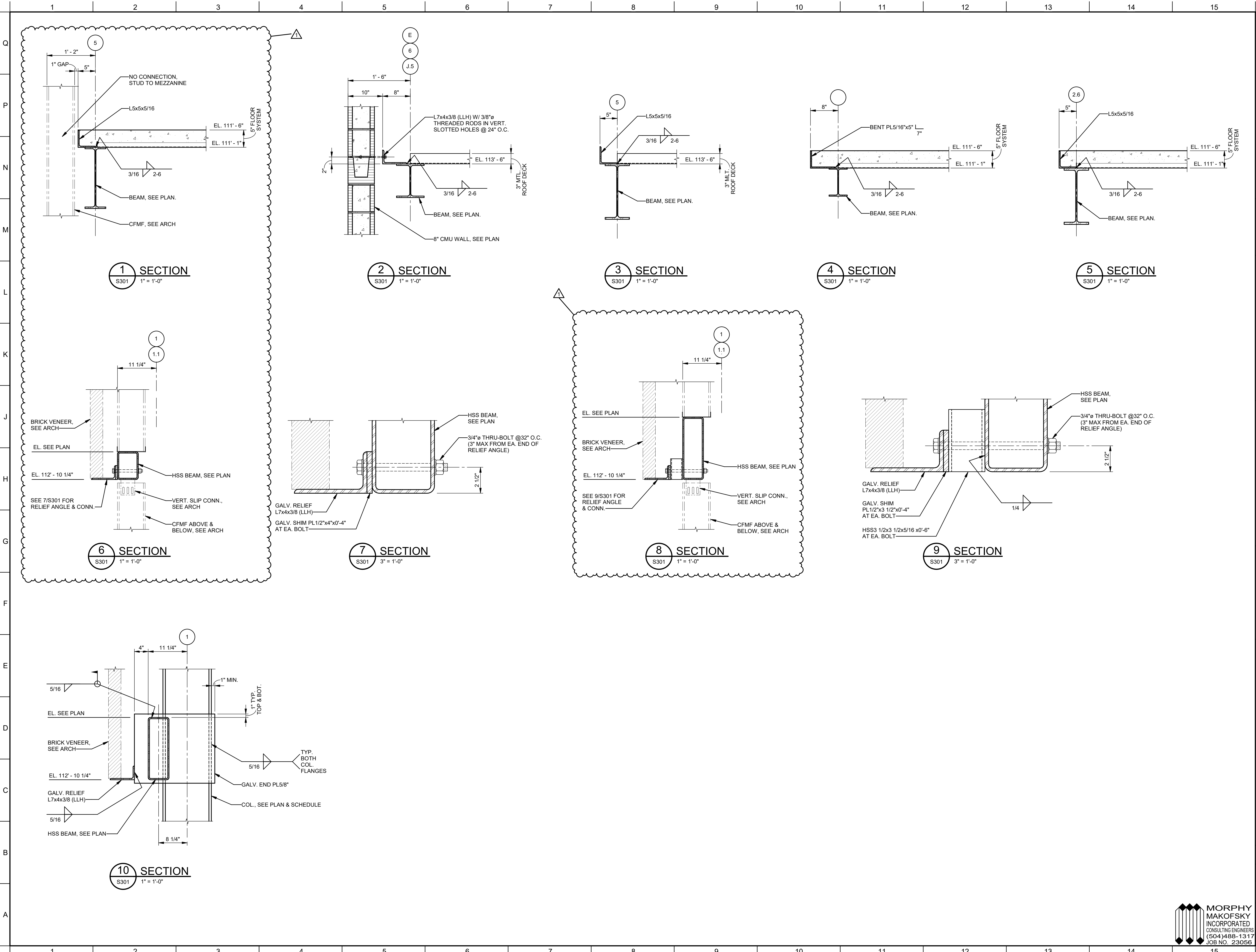
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION DOCUMENTS

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025

SHEET TITLE
FOUNDATION SECTIONS & DETAILS

PROJECT NO.	SHEET NO.
12274	S202



No.	Description	Date
1	ADDENDUM 1	08-22-2025

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ENGINEER REG. NO. *Jonathan A. Sofranko* JONATHAN A. SOFRANKO REG. NO. 28228 REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING 8-4-25

KEY PLAN

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New Orleans, Louisiana 70170-4100
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architecture@mathesbrierre.com

PROJECT TITLE

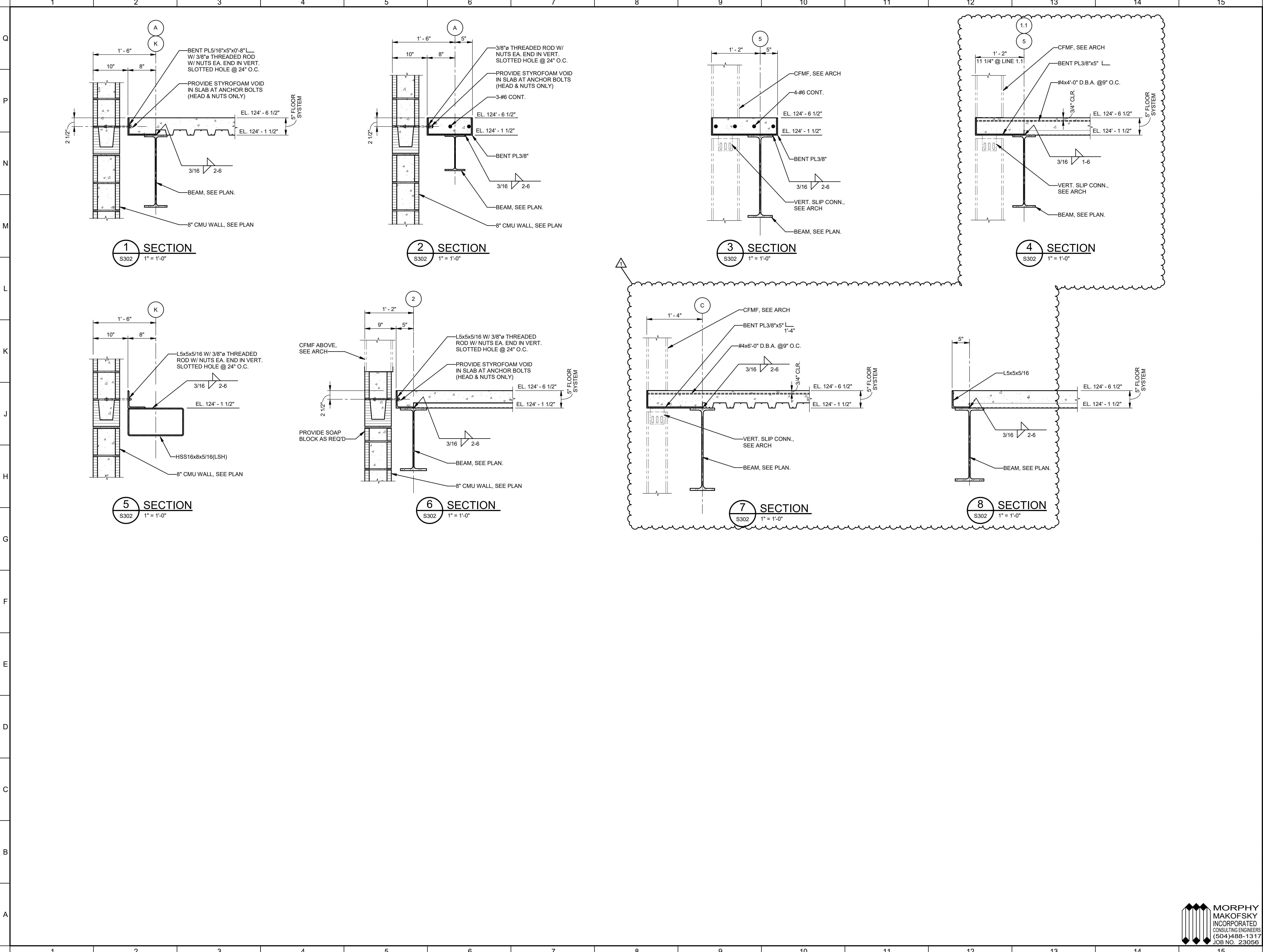
**FLOYD EDUCATION
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PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY HSB	CHECKED BY JAS
DRAWN BY HSB	DATE 08.04.2025
SHEET TITLE FRAMING SECTIONS & DETAILS	
PROJECT NO. 12274	SHEET NO. S301

**MORPHY
MAKOFSKY
INCORPORATED**
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 23056



No.	Description	Date
1	ADDENDUM 1	08-22-2025

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ENGINEER REG. NO. **JONATHAN A. SOFRANKO** REG. NO. 28228
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
8-4-25

KEY PLAN

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architecture@mathesbrierre.com

PROJECT TITLE

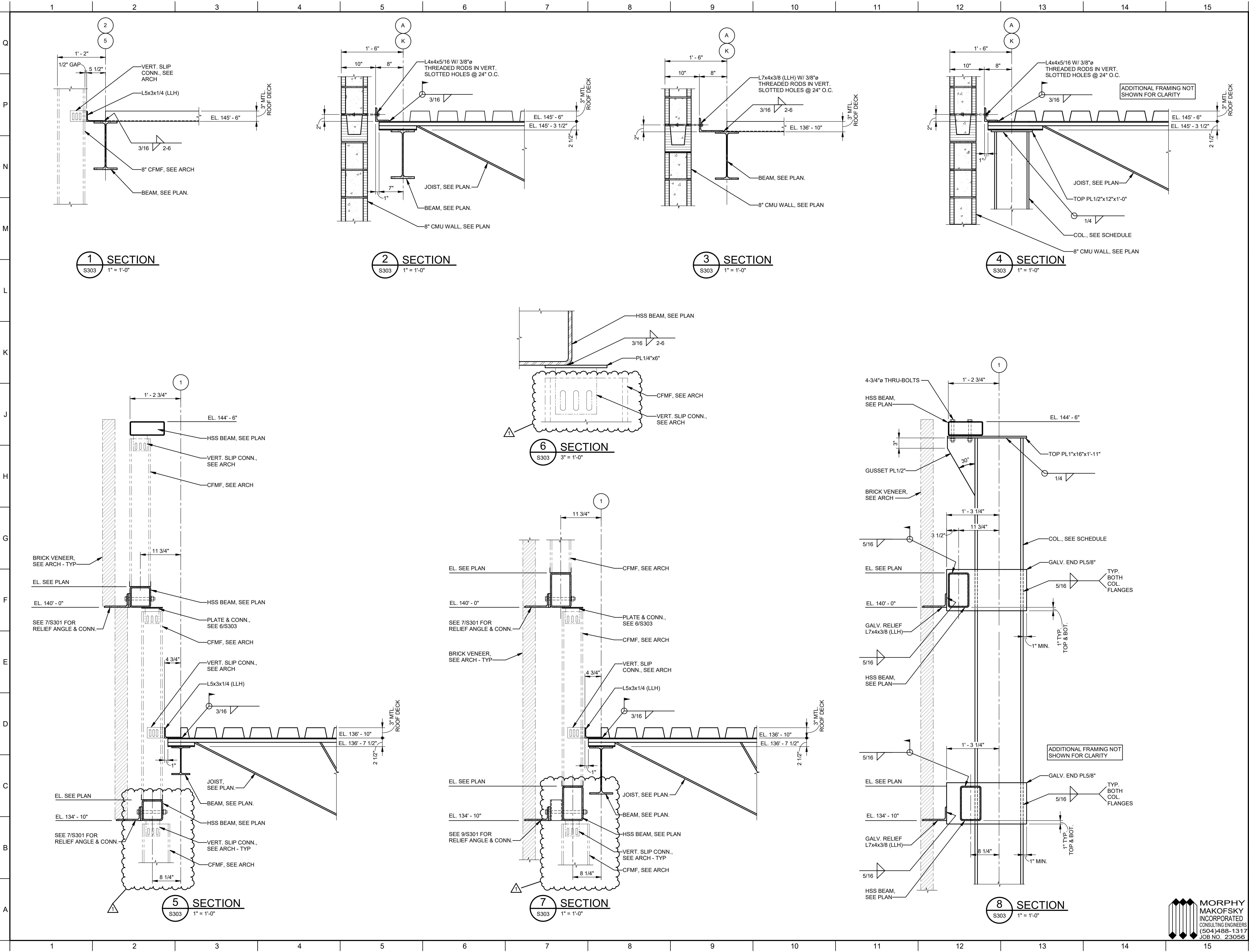
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1060 MAGAZINE ST.
NEW ORLEANS, LA 70130

CONSTRUCTION DOCUMENTS

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	FRAMING SECTIONS & DETAILS
PROJECT NO.	SHEET NO.
12274	S302

MORPHY MAKOFSKY
INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 23056



No.	Description	Date
1	ADDENDUM 1	08-22-2025

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KEY PLAN

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201 St. Charles Avenue, Forty First Floor
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architecture@mathesbrierre.com

PROJECT TITLE

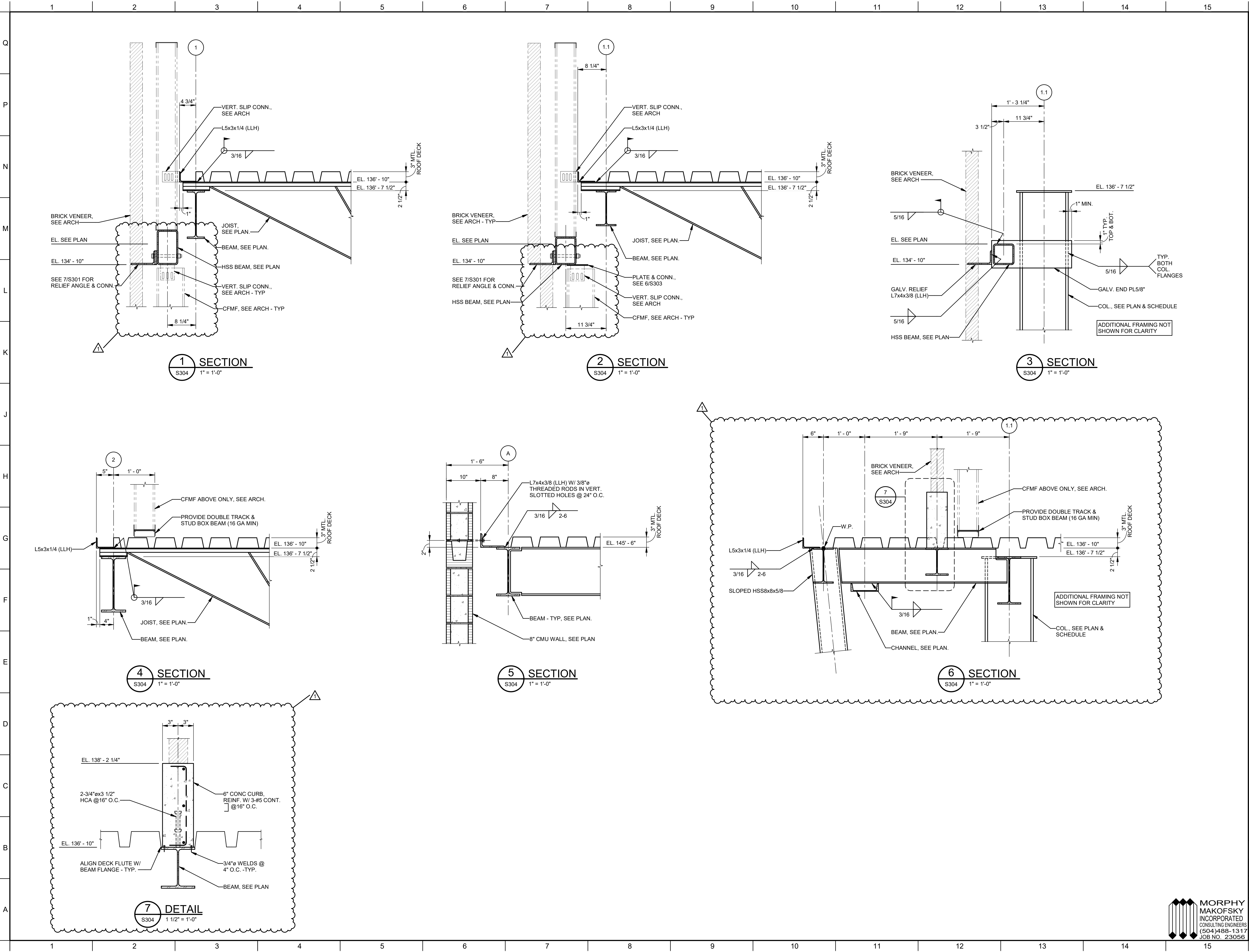
**FLOYD EDUCATION
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PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	CHECKED BY
HSB	JAS
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HSB	08.04.2025
SHEET TITLE	FRAMING SECTIONS & DETAILS
PROJECT NO.	SHEET NO.
12274	S303

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MAKOFSKY
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(504)488-1317
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KEY PLAN

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PROJECT TITLE

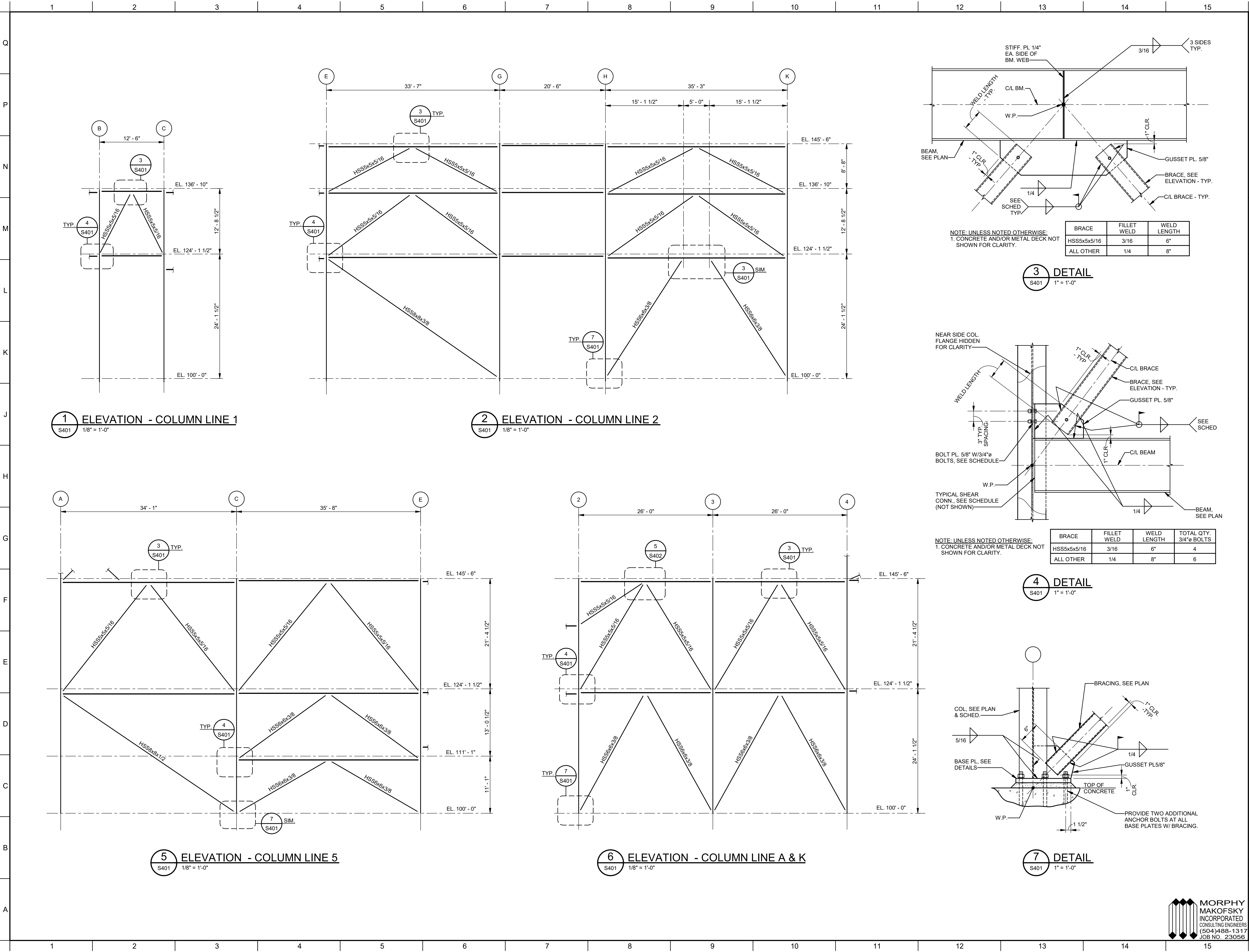
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1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION DOCUMENTS

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	
FRAMING SECTIONS & DETAILS	
PROJECT NO.	SHEET NO.
12274	S304





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KEY PLAN

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PROJECT TITLE

**FLOYD EDUCATION
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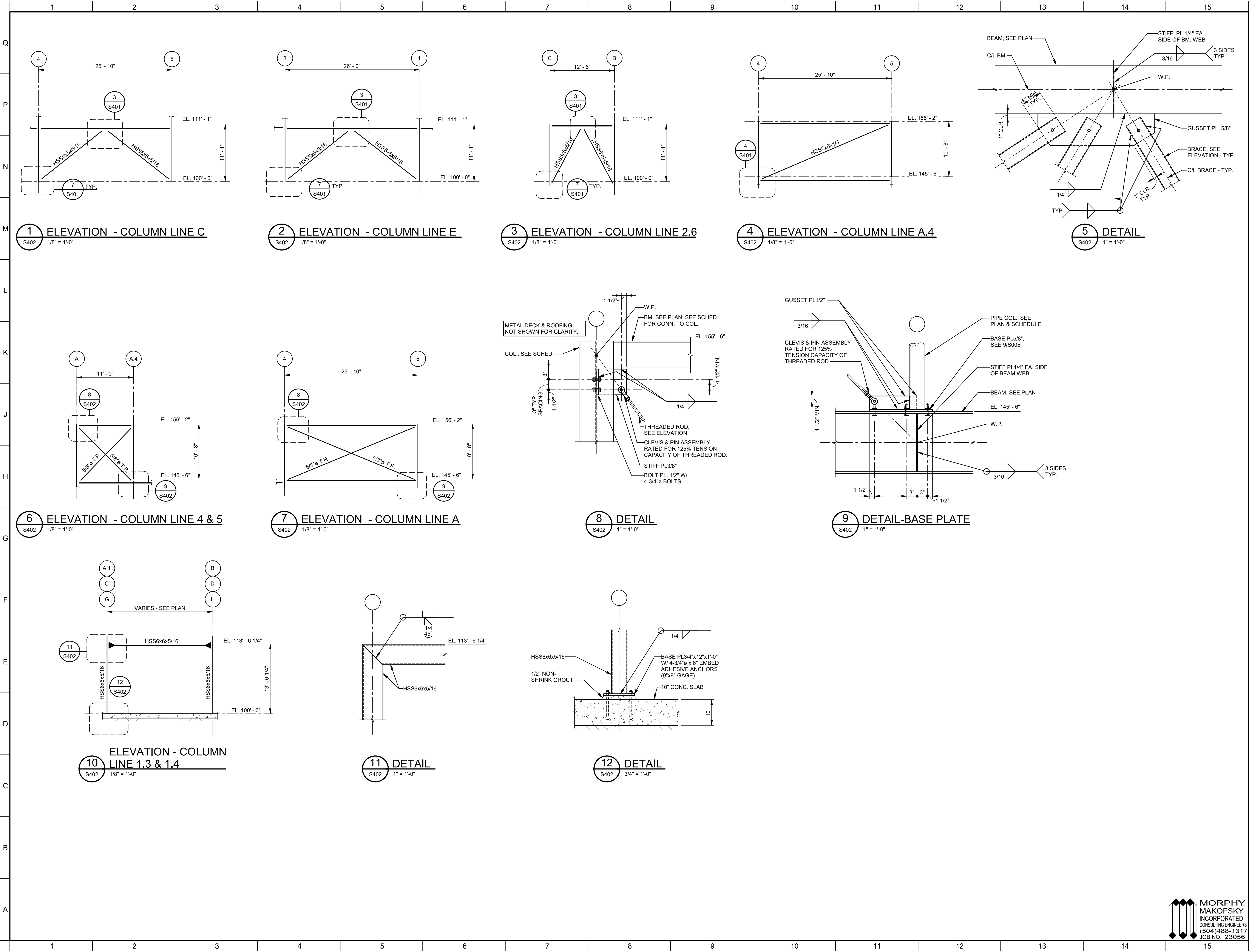
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NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	CHECKED BY
HSB	JAS
DRAWN BY	DATE
HSB	08.04.2025
SHEET TITLE	BRACED FRAME ELEVATIONS

PROJECT NO.	SHEET NO.
12274	S401

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JOB NO. 23056



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KEY PLAN

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PROJECT TITLE

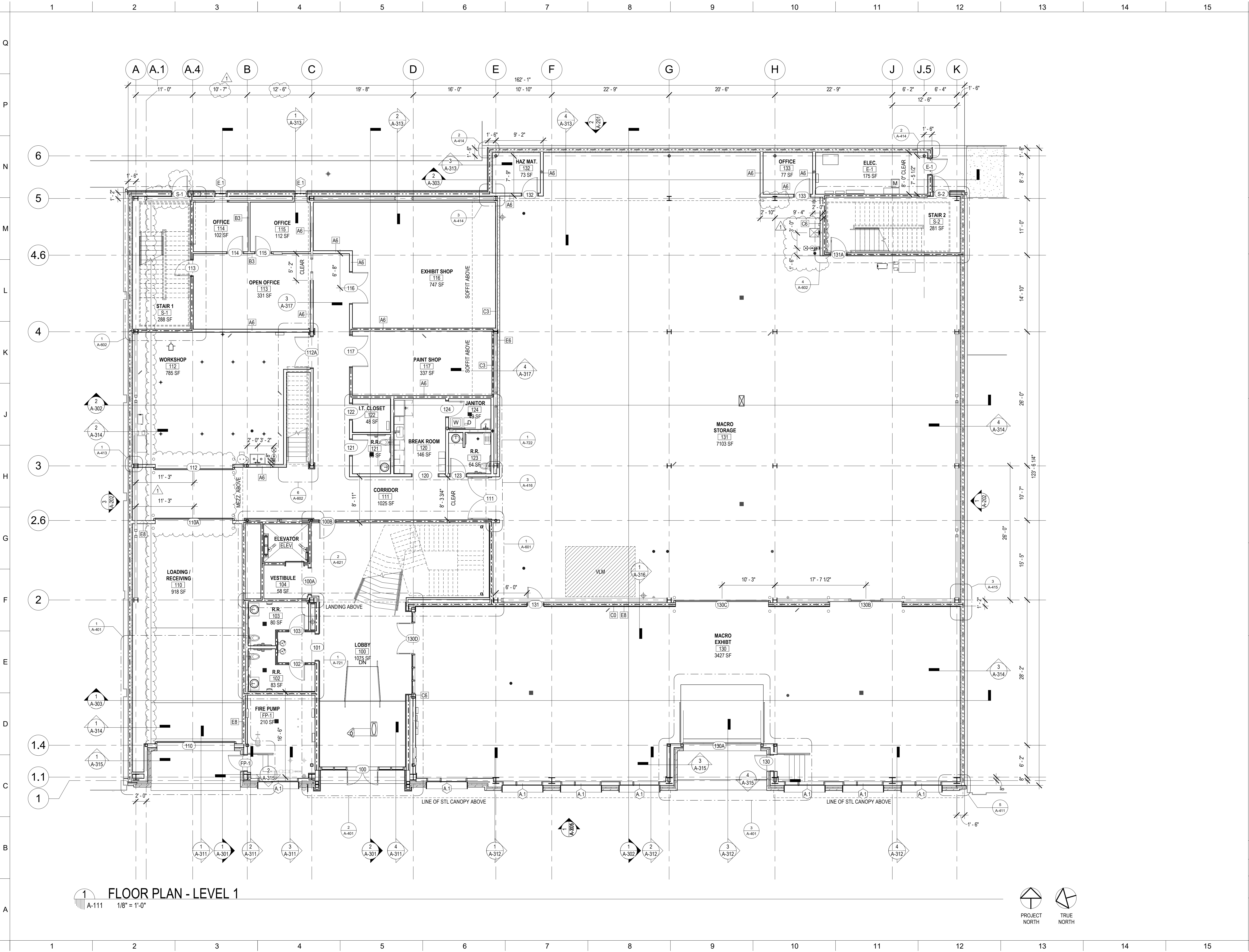
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CONSTRUCTION
DOCUMENTS

DESIGNED BY	CHECKED BY
HSB	JAS
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HSB	08.04.2025
SHEET TITLE	BRACED FRAME ELEVATIONS
PROJECT NO.	SHEET NO.
12274	S402





No.	Description	Date
1	ADDENDUM 1	08.22.2025



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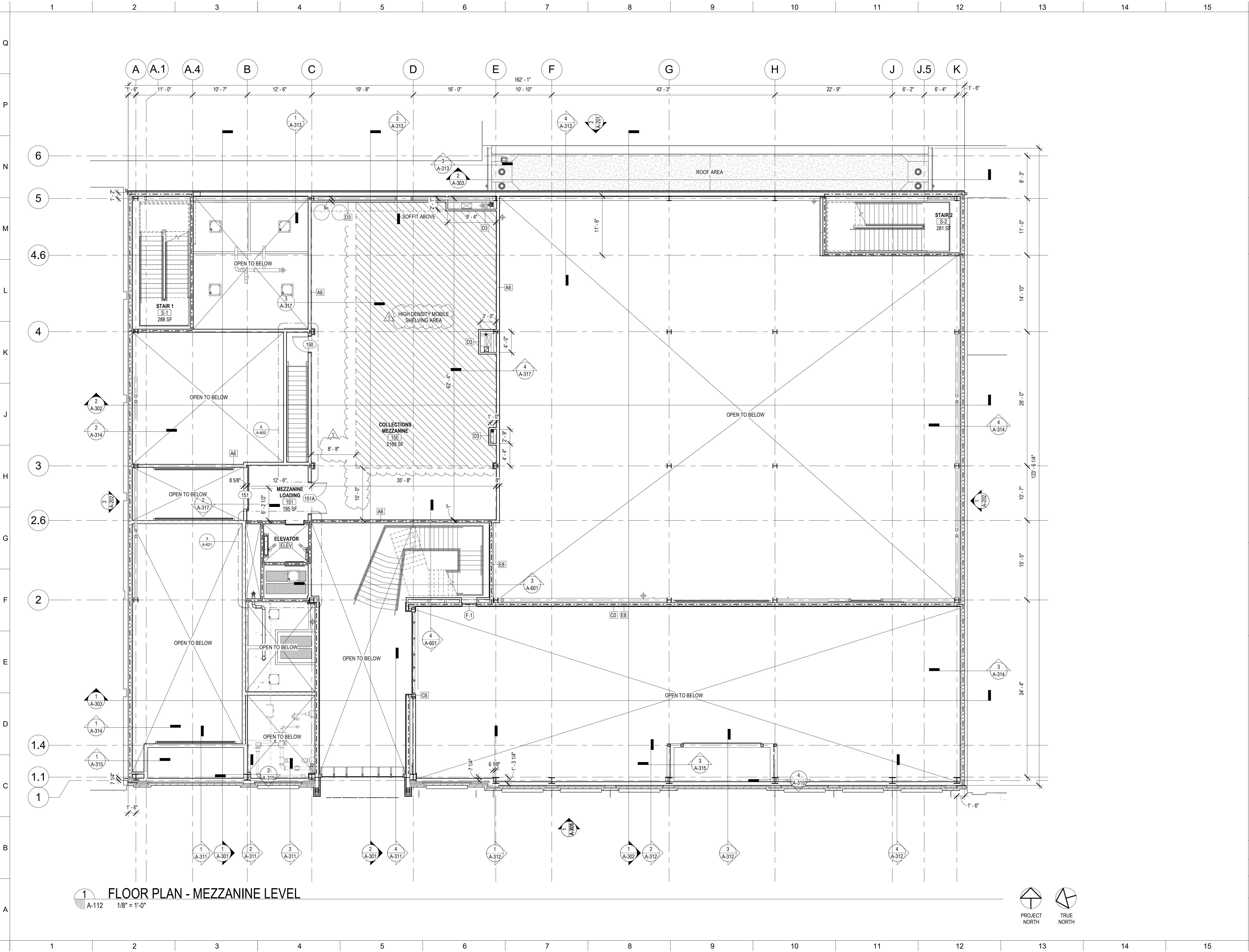
PROJECT TITLE

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NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

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DRAWN BY	DATE 08.04.2025
SHEET TITLE FLOOR PLAN - LEVEL 1	
PROJECT NO. 12274	SHEET NO. A-111



No.	Description	Date
1	ADDENDUM 1	08.22.2025

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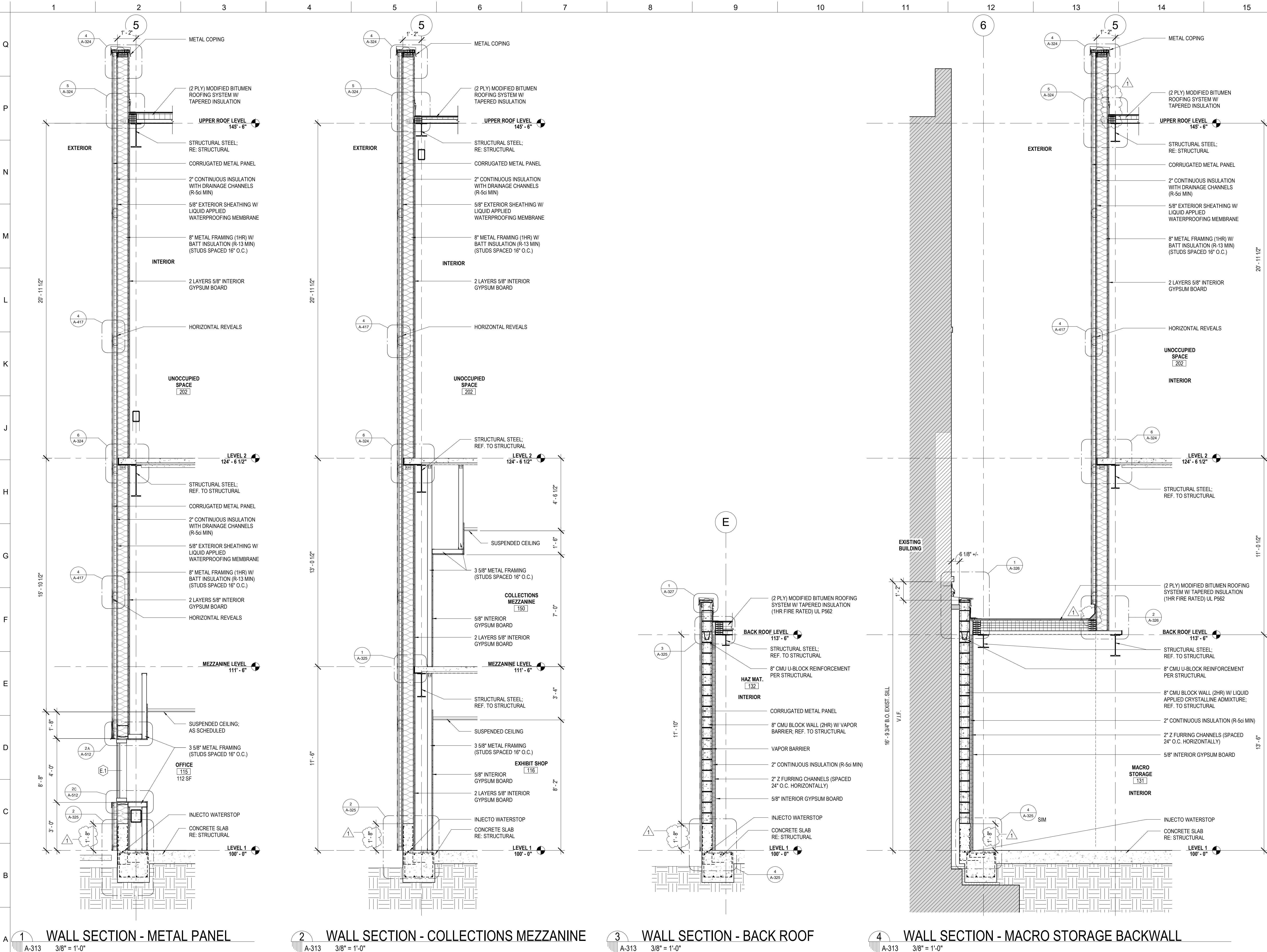
PROJECT TITLE

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PAVILION**

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NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	CHECKED BY
DRAWN BY	DATE 08.04.2025
SHEET TITLE FLOOR PLAN - MEZZANINE	
PROJECT NO. 12274	SHEET NO. A-112



No.	Description	Date
1	ADDENDUM 1	08.22.2025

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KEY PLAN

Mathes Brierre
ARCHITECTS

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303, Fax: 504.582.1305
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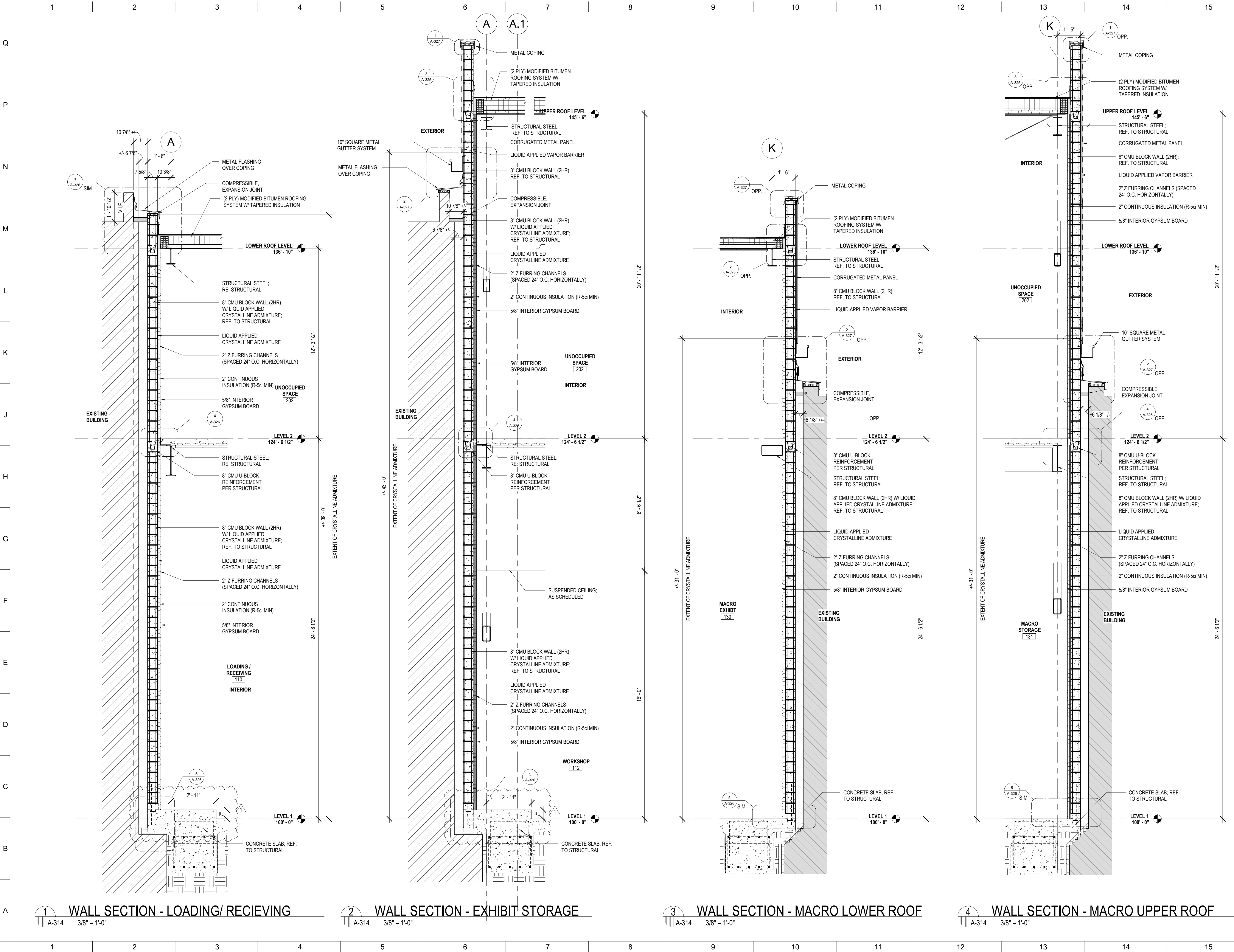
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	CHECKED BY
DRAWN BY	DATE 08.04.2025
SHEET TITLE WALL SECTIONS	
PROJECT NO. 12274	SHEET NO. A-313



No.	Description	Date
1	ADDENDUM 1	08.22.2025



KEY PLAN

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ARCHITECTS

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504. 586. 9303, Fax: 504. 582. 1305
architecture@mathesbrierre.com

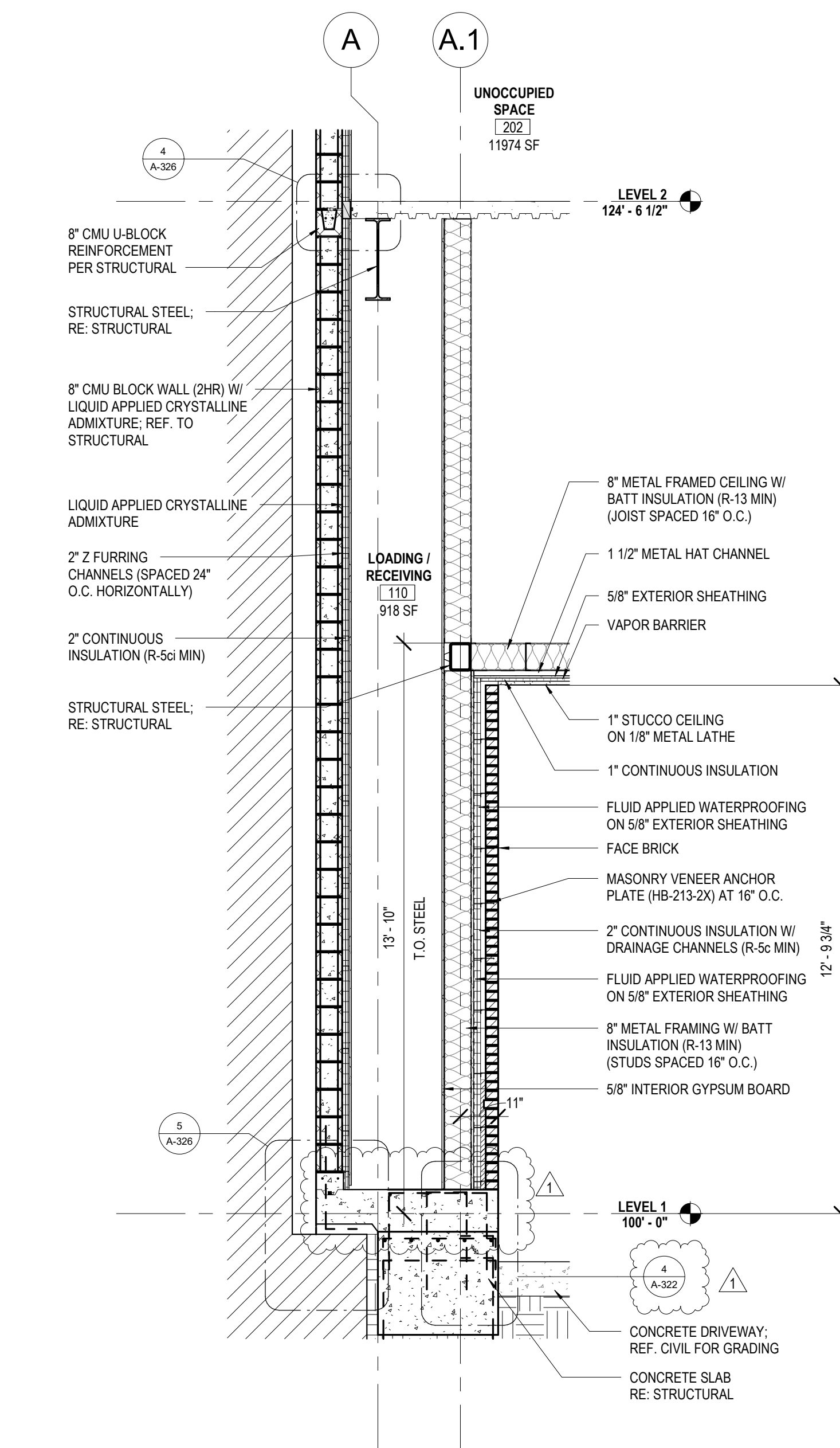
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

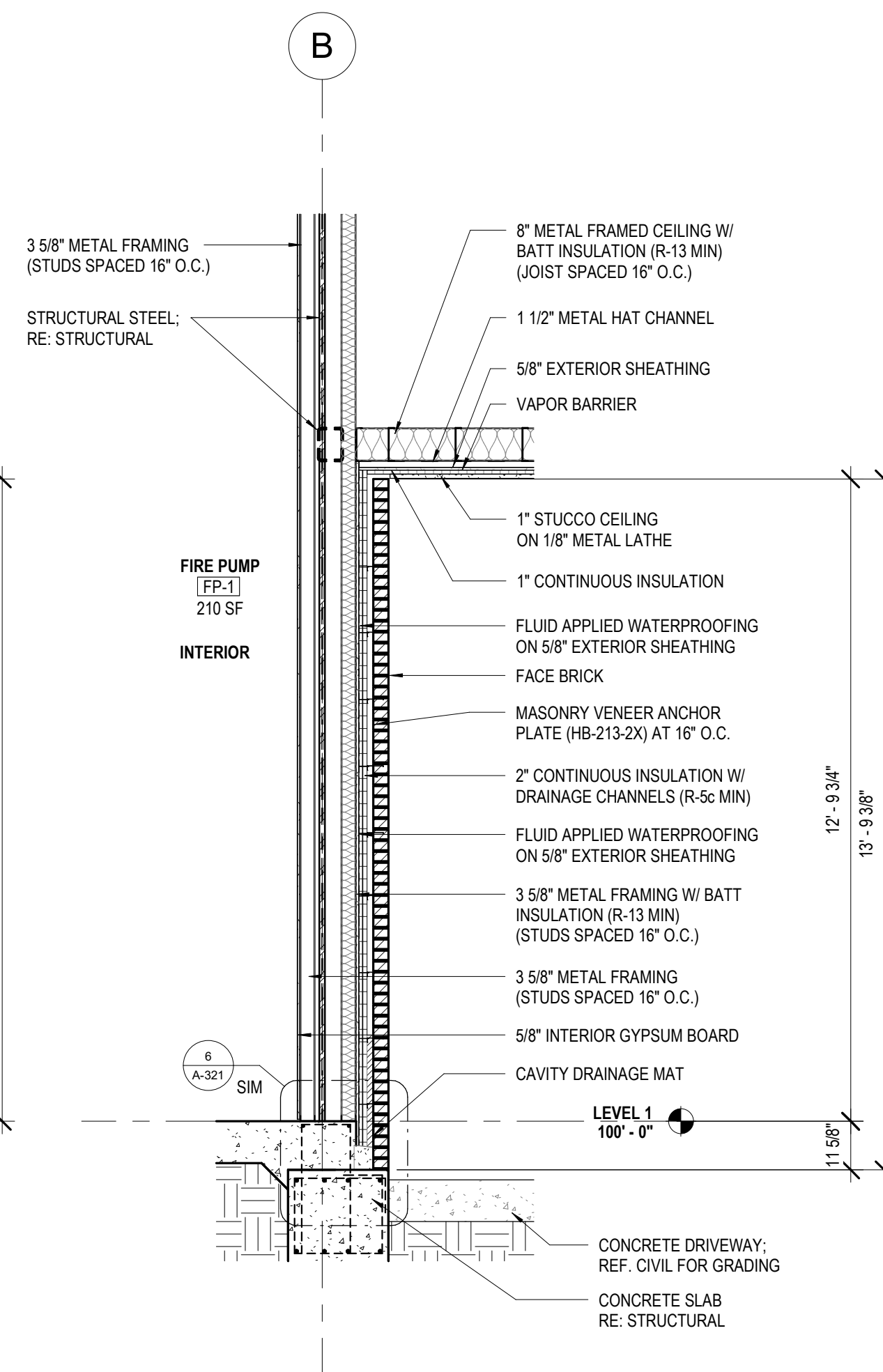
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

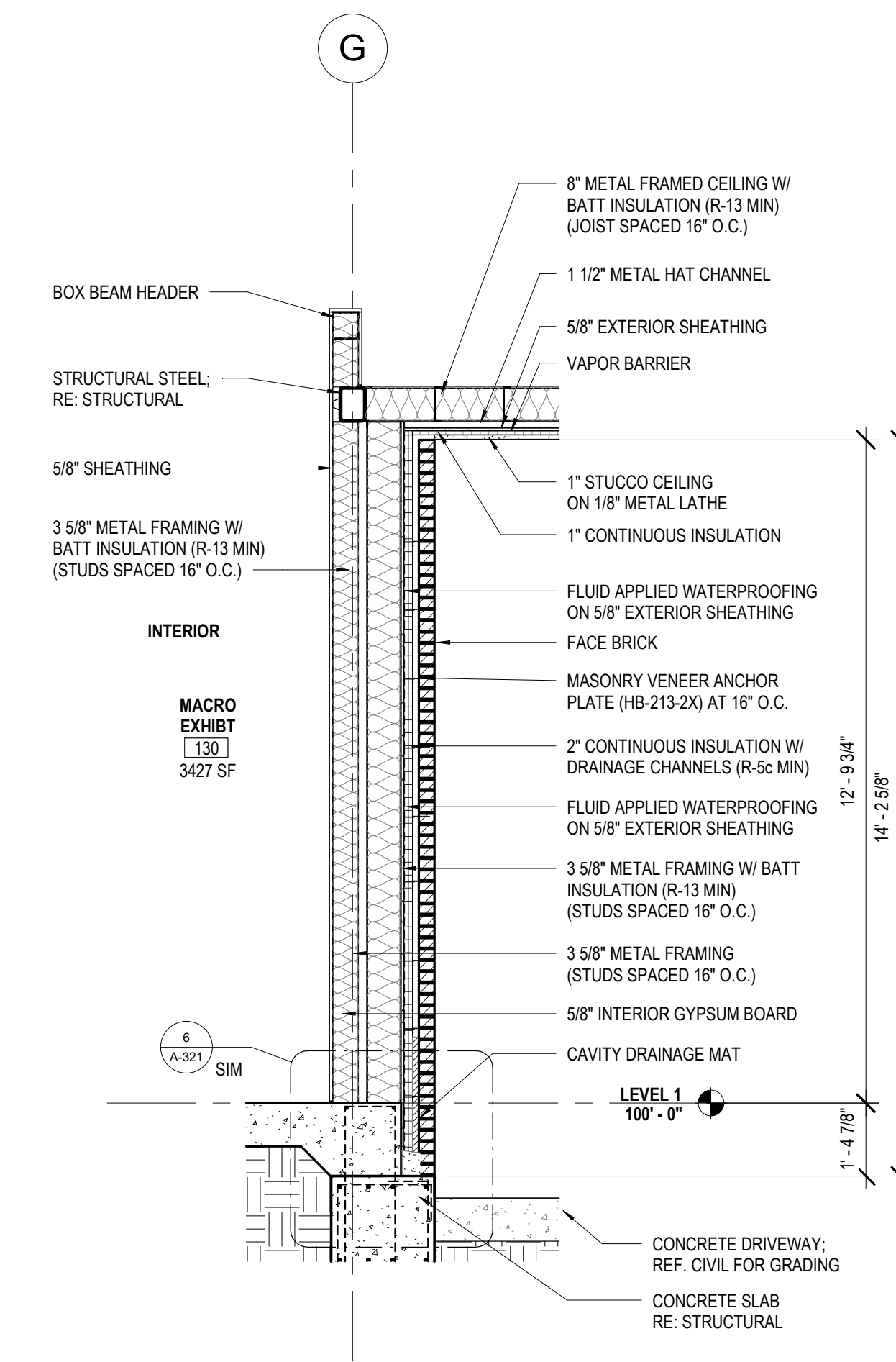
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DRAWN BY	DATE 08.04.2025
SHEET TITLE WALL SECTIONS	
PROJECT NO. 12274	SHEET NO. A-314



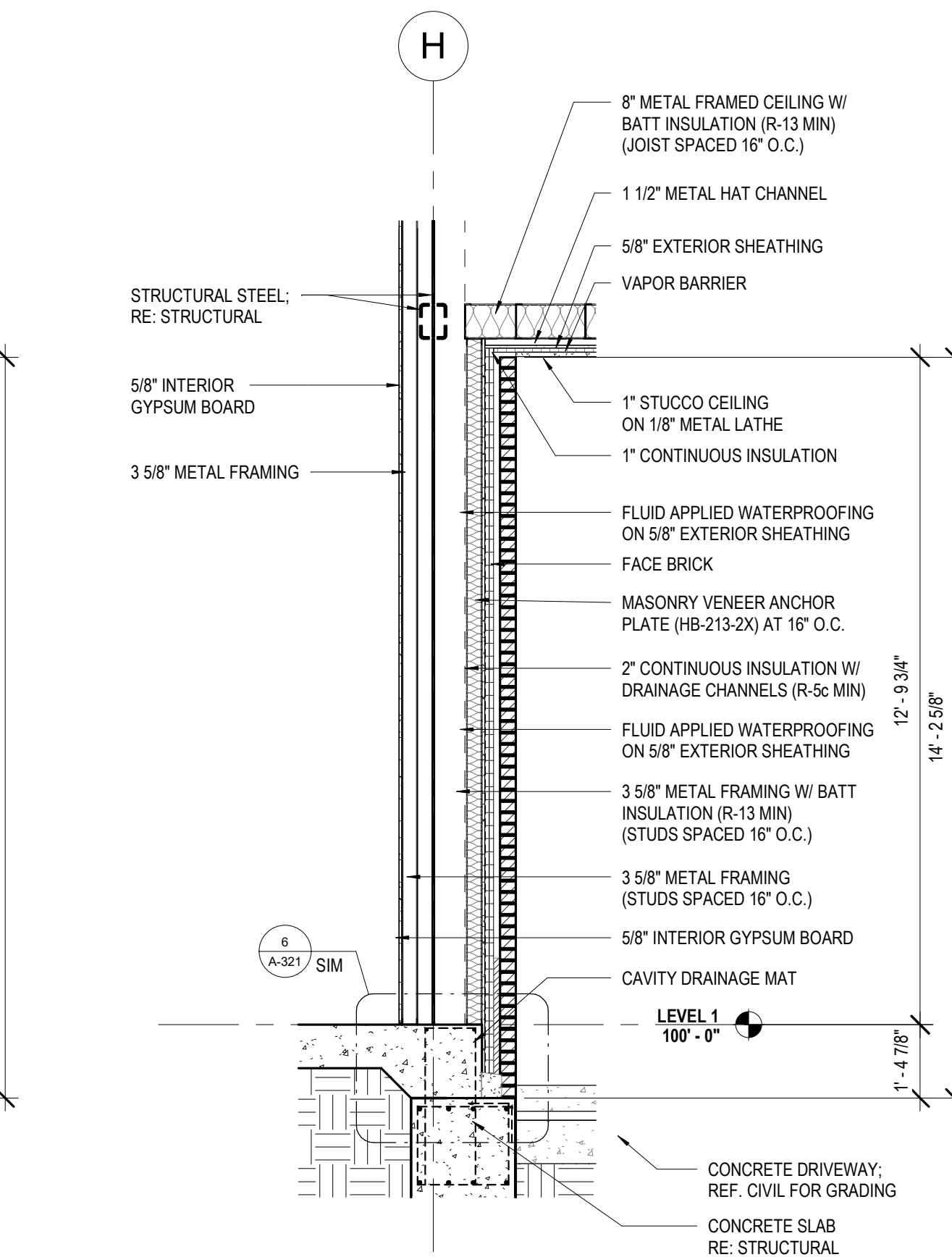
1 WALL SECTION - LOADING/ RECEIVING
A-315 3/8" = 1'-0"



2 WALL SECTION - LOADING/ FIREPUMP
A-315 3/8" = 1'-0"



3 WALL SECTION - OVERHEAD BAY
A-315 3/8" = 1'-0"



4 WALL SECTION - MACRO EXHIBIT
A-315 3/8" = 1'-0"

No.	Description	Date
1	ADDENDUM 1	08.22.2025

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KEY PLAN

Mathes Brierre
ARCHITECTS

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Voice. 504. 586. 9303. Fax. 504. 582. 1305
architecture@mathesbrierre.com

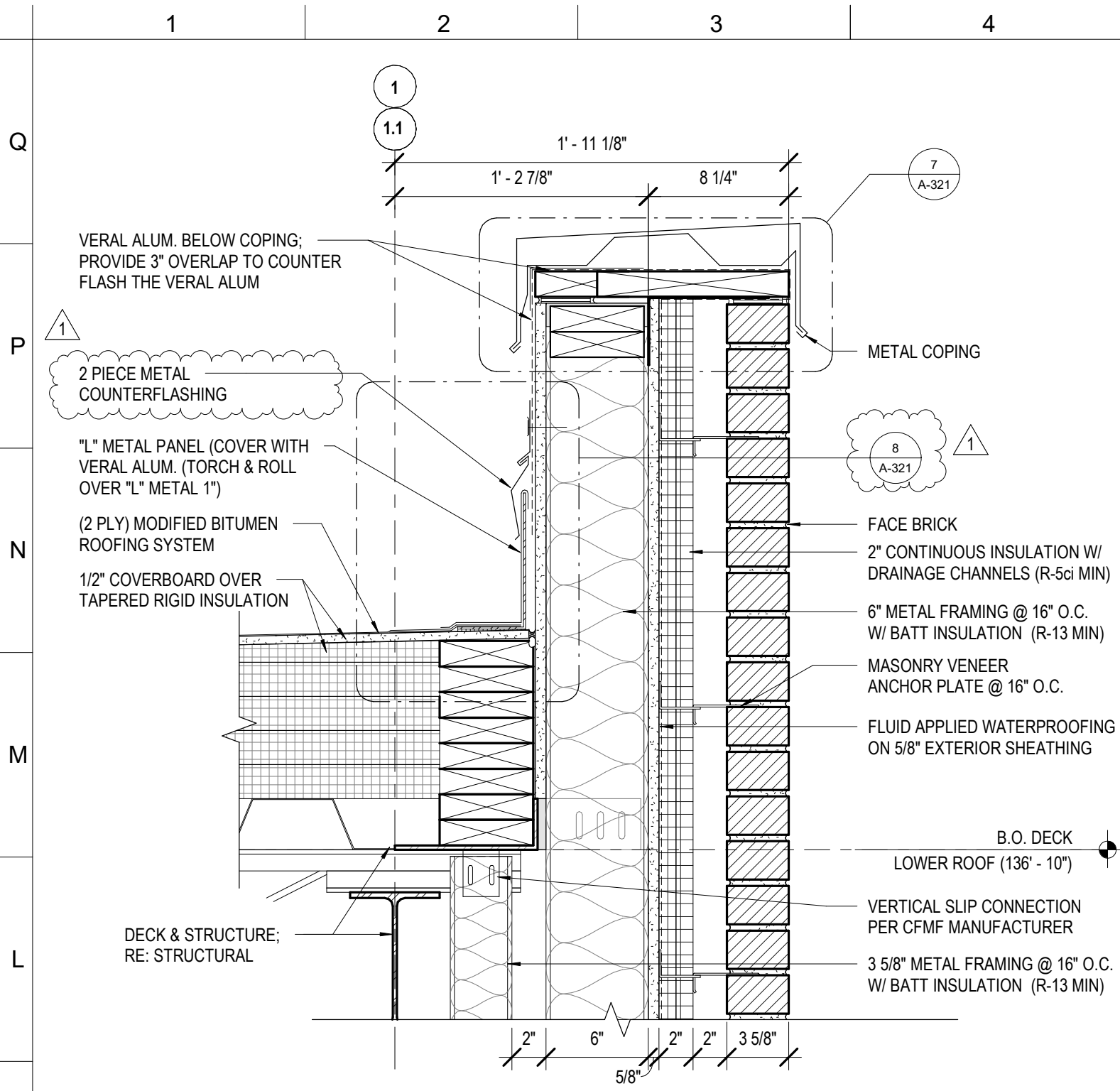
PROJECT TITLE

FLOYD EDUCATION
& COLLECTIONS
PAVILION

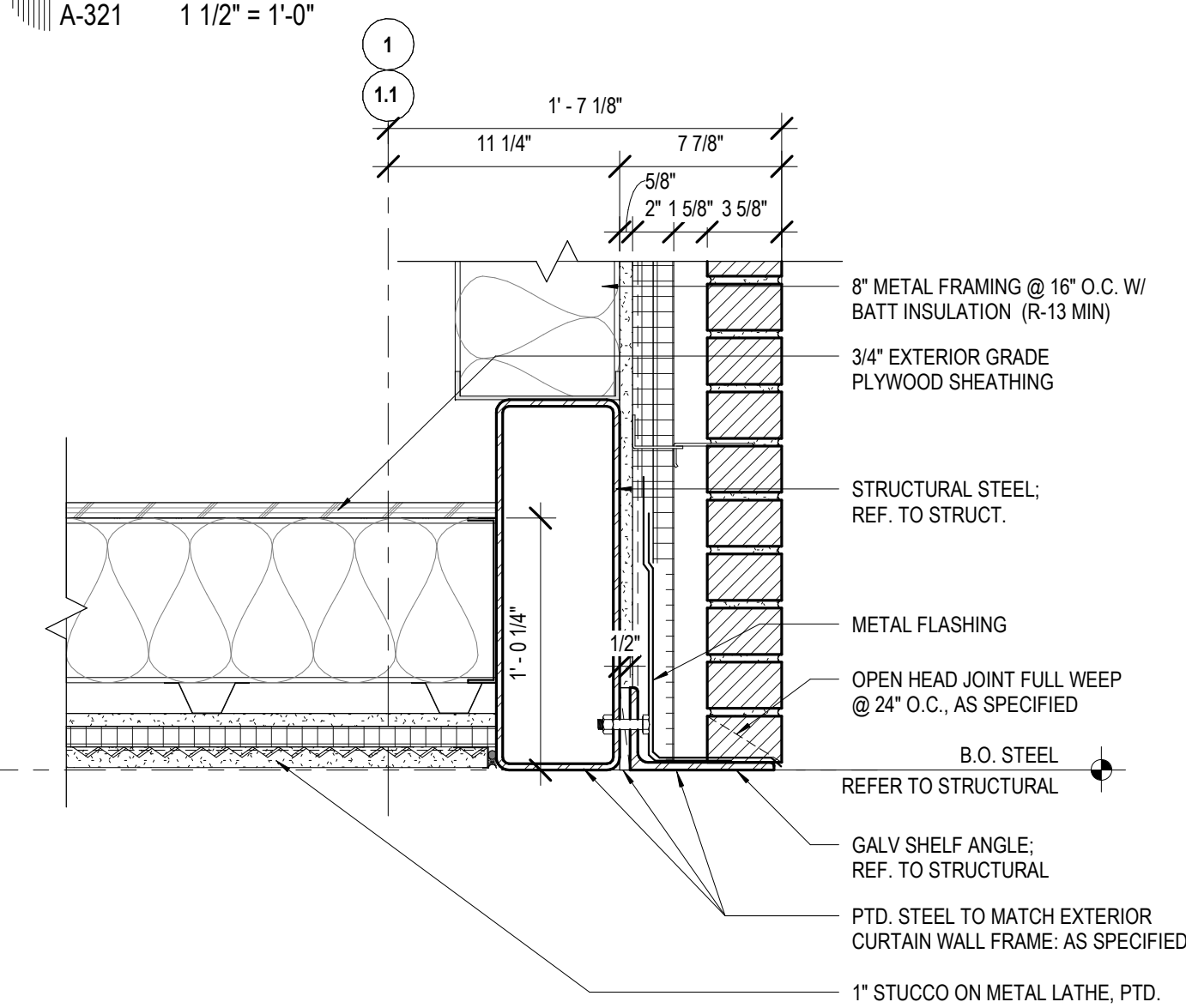
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION
DOCUMENTS

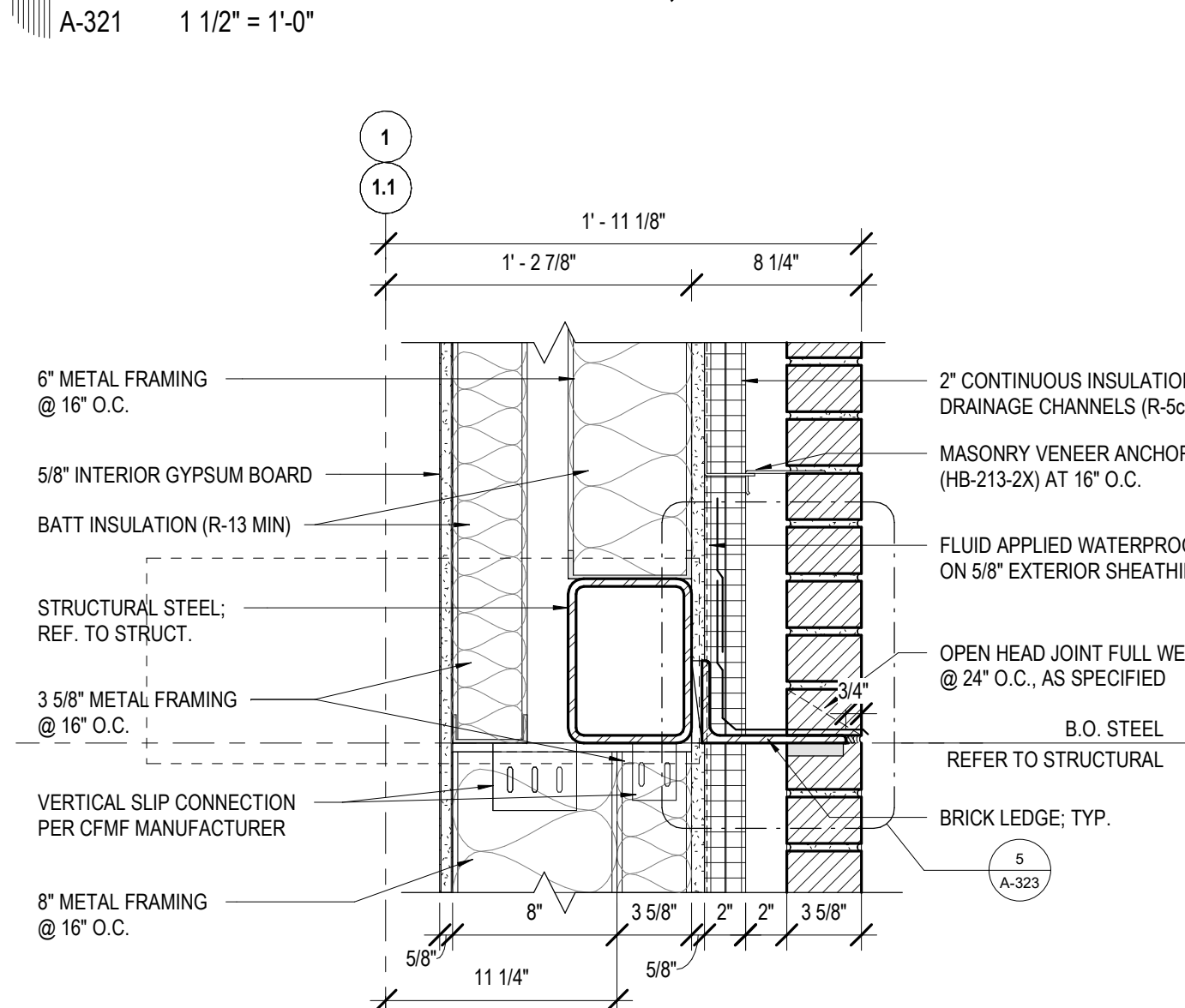
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DRAWN BY	DATE 08.04.2025
SHEET TITLE	
WALL SECTIONS	
PROJECT NO.	SHEET NO.
12274	A-315



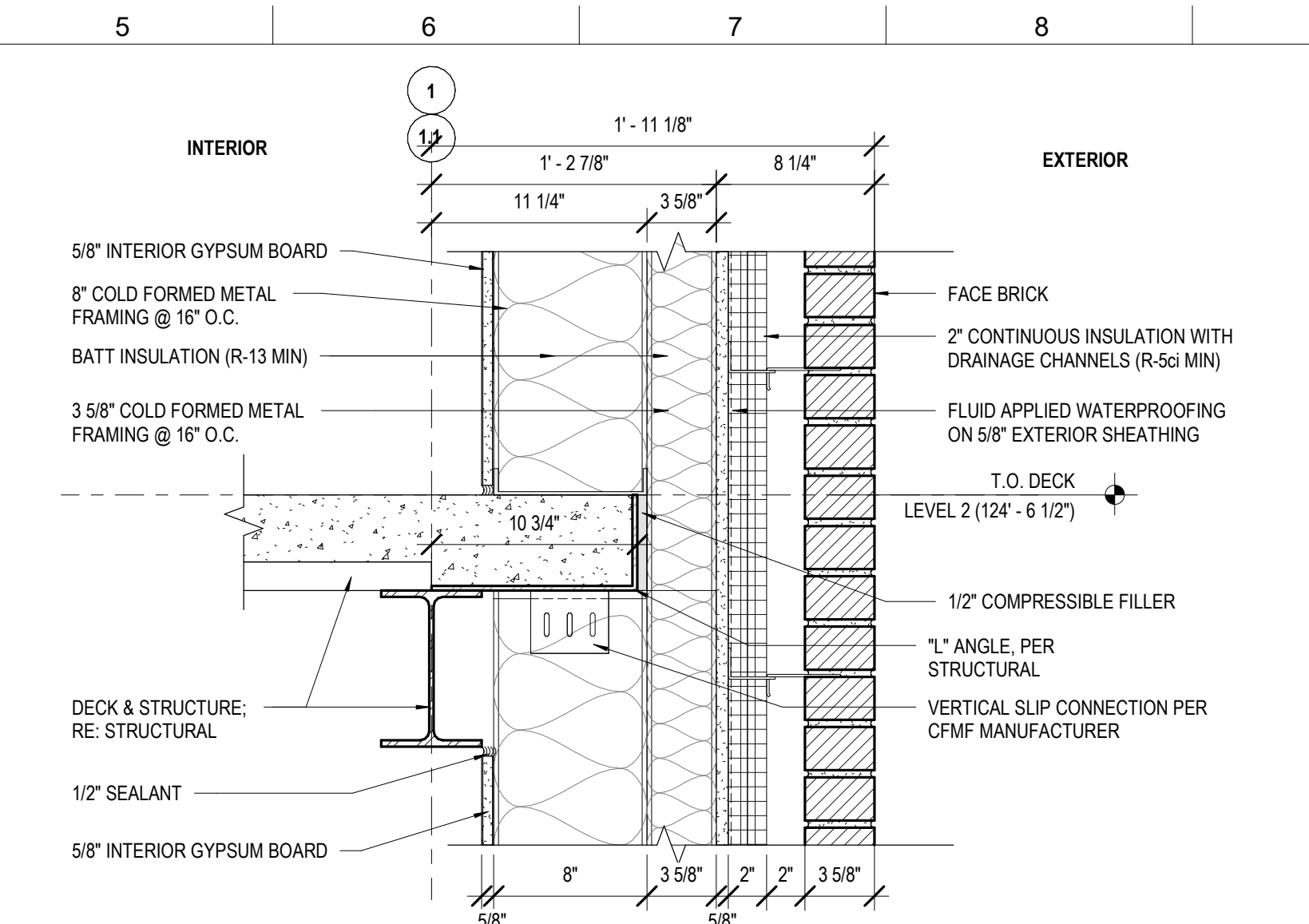
1 BRICK PARAPET @ PILASTER



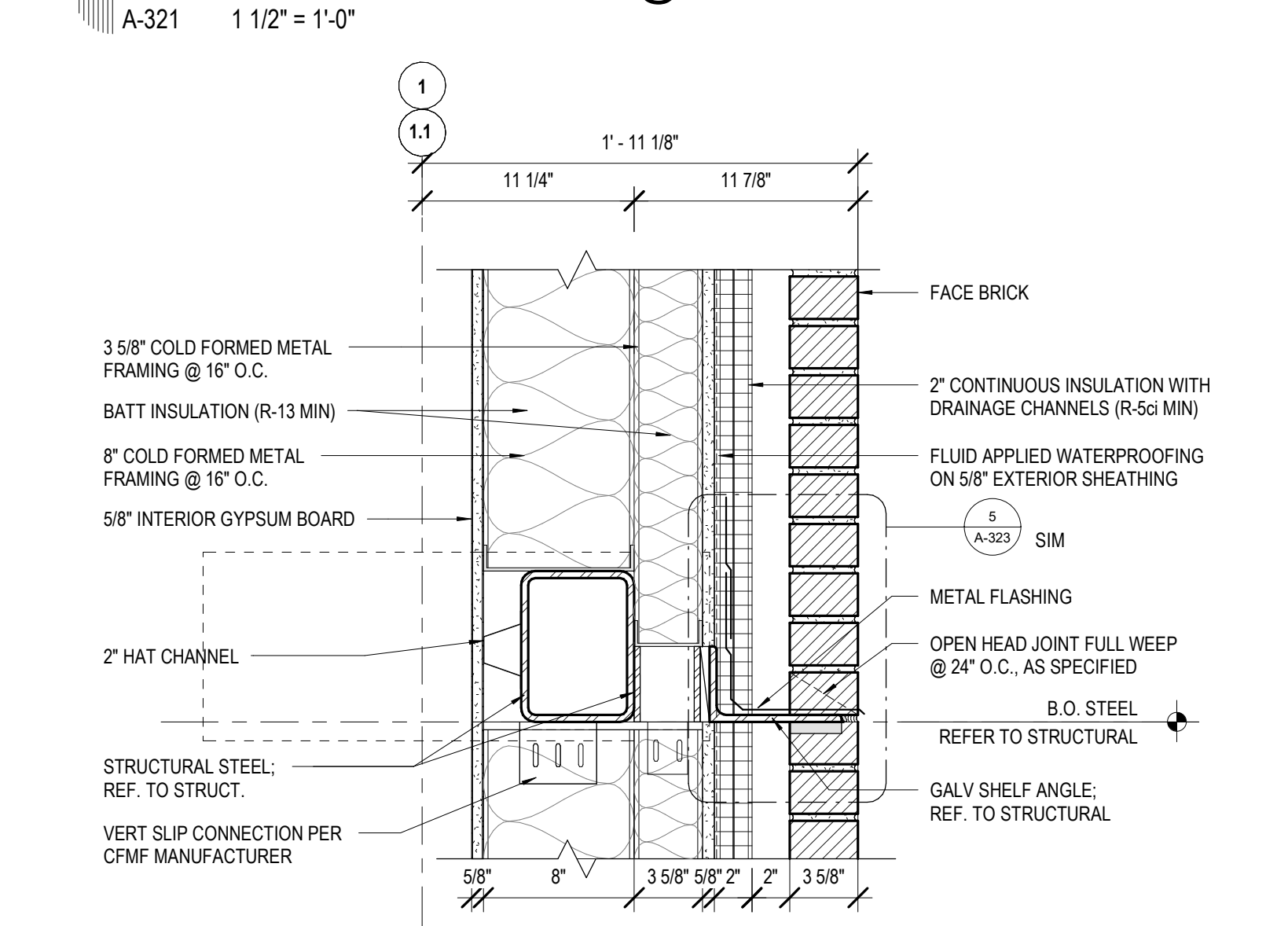
2 OVERHEAD DOOR BAY, TYP.



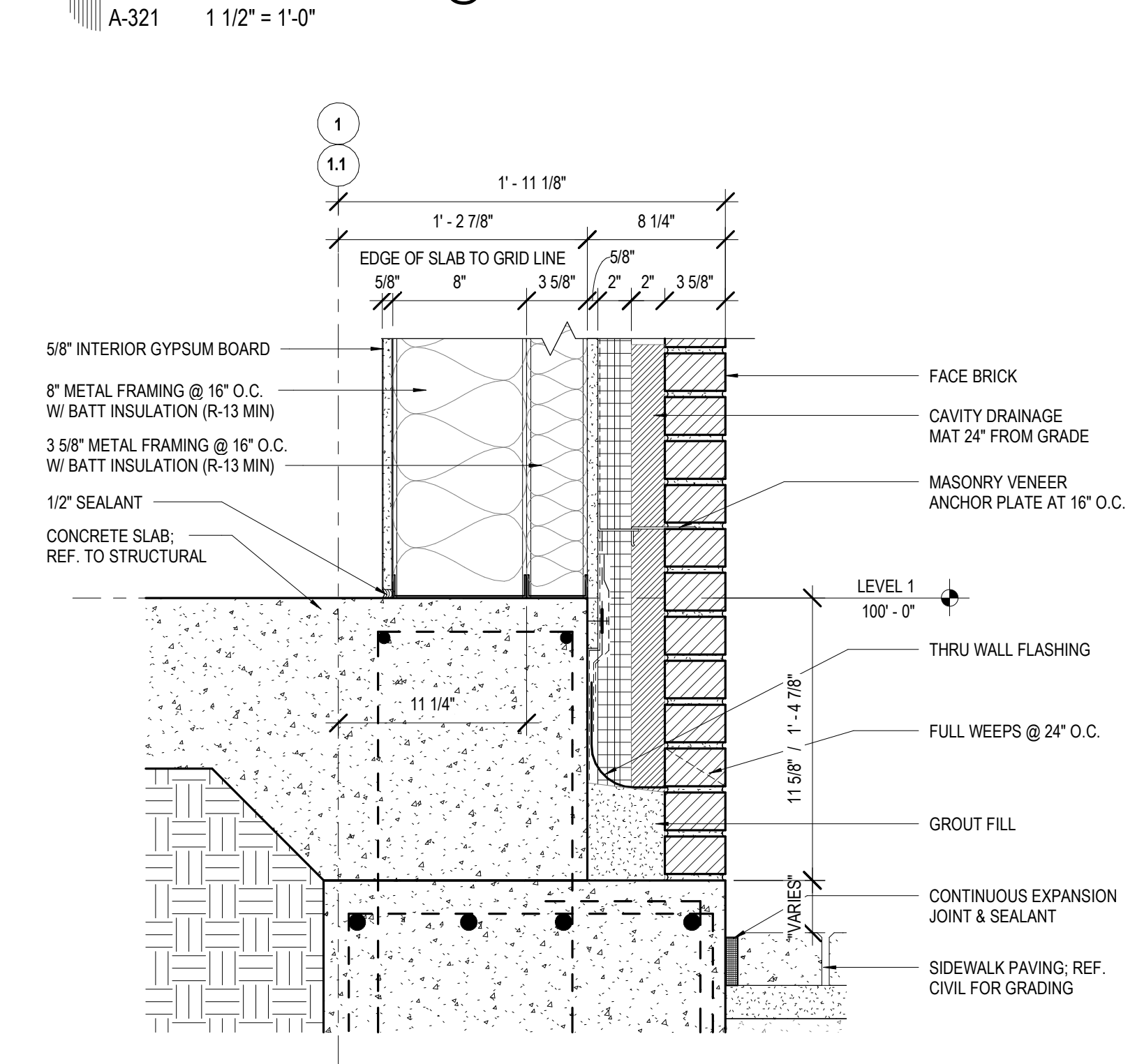
3 BRICK LEDGE @ PILASTER



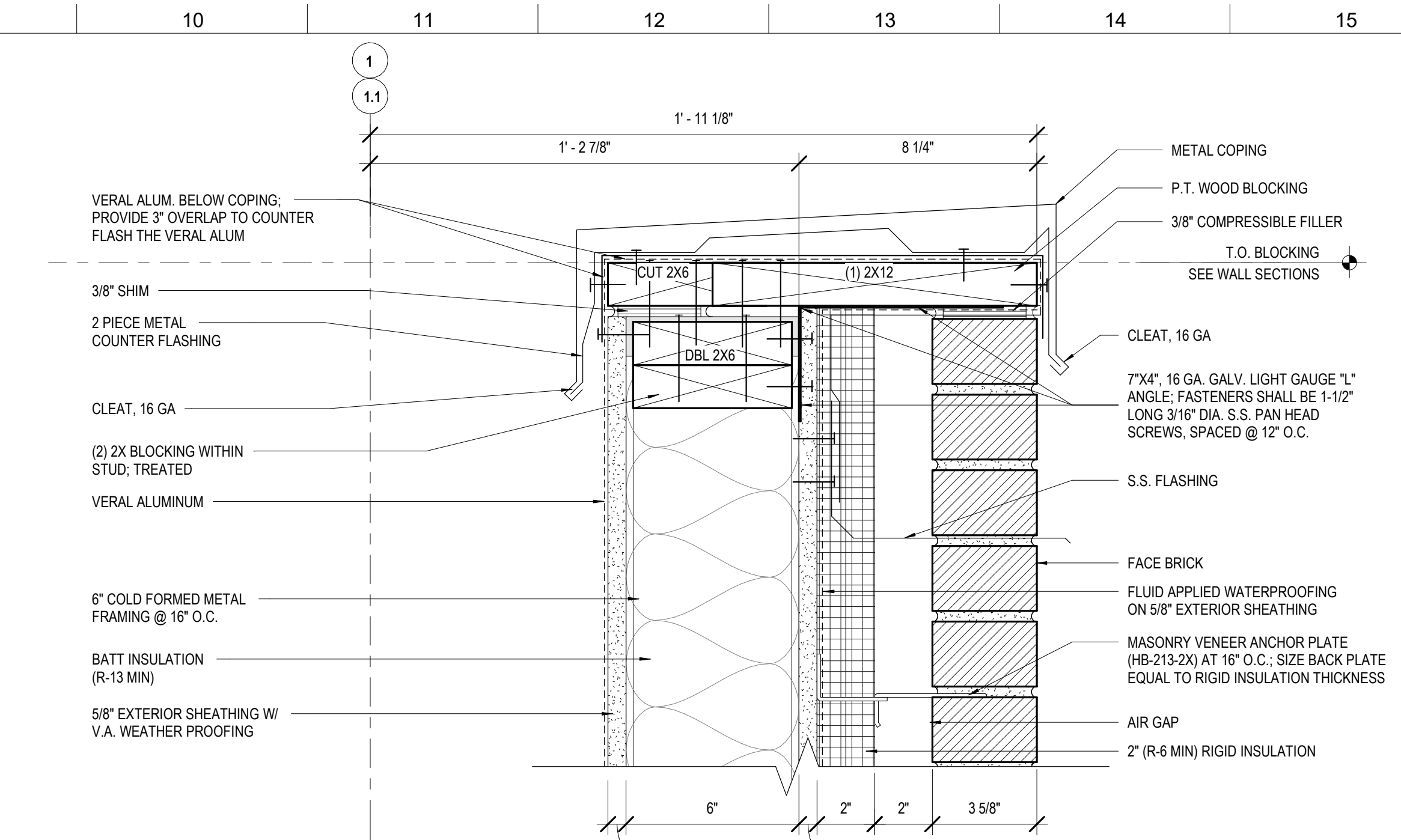
4 LEVEL 2 SLAB EDGE @ PILASTER



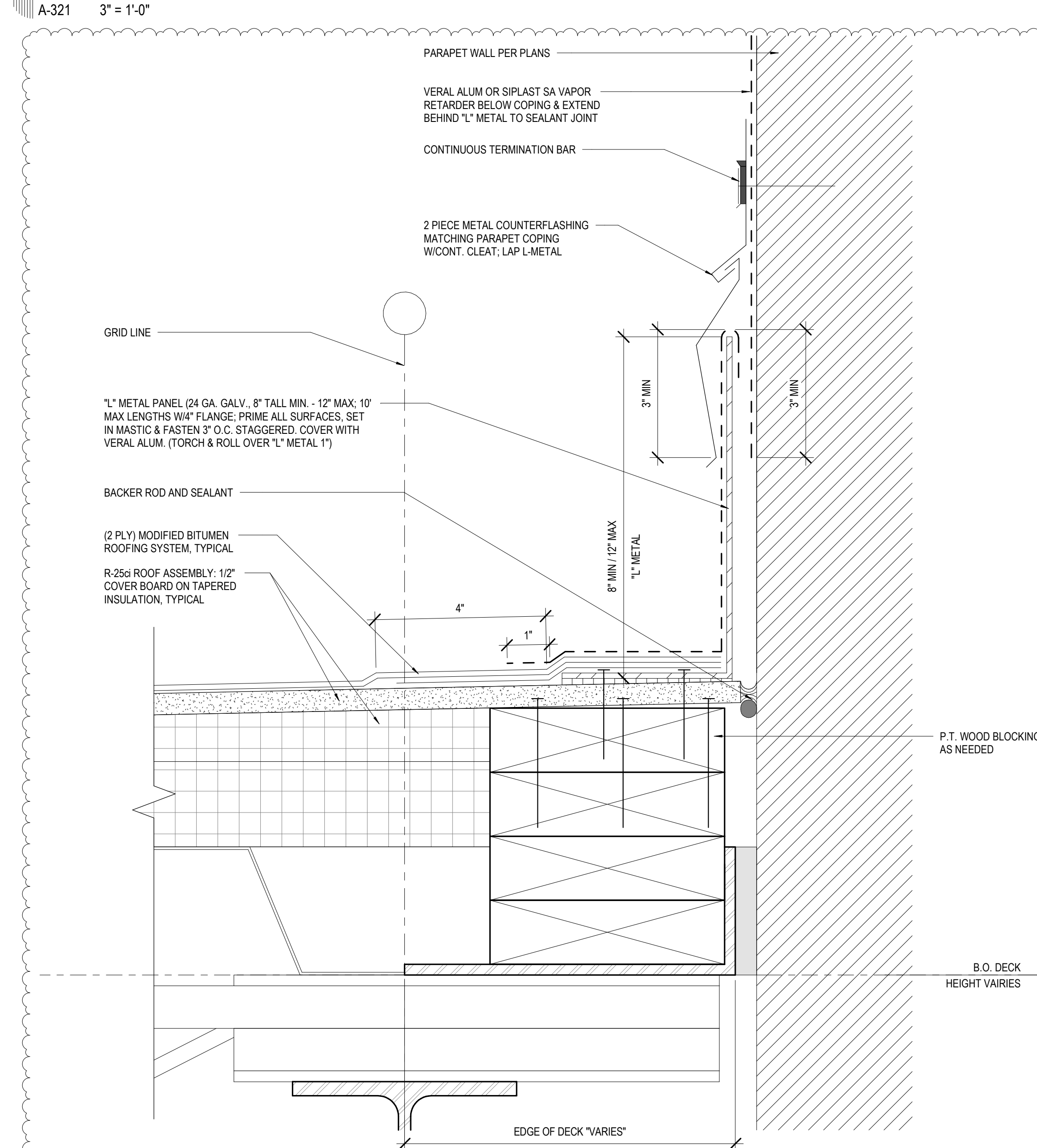
5 BRICK LEDGE @ PILASTER



6 BRICK BASE FLASHING DETAIL @ SIDEWALK



7 METAL COPING - BRICK



8 PARAPET - NON -WALL SUPPORTED DECK, TYPICAL

No.	Description	Date
1	ADDENDUM 1	08.22.2025

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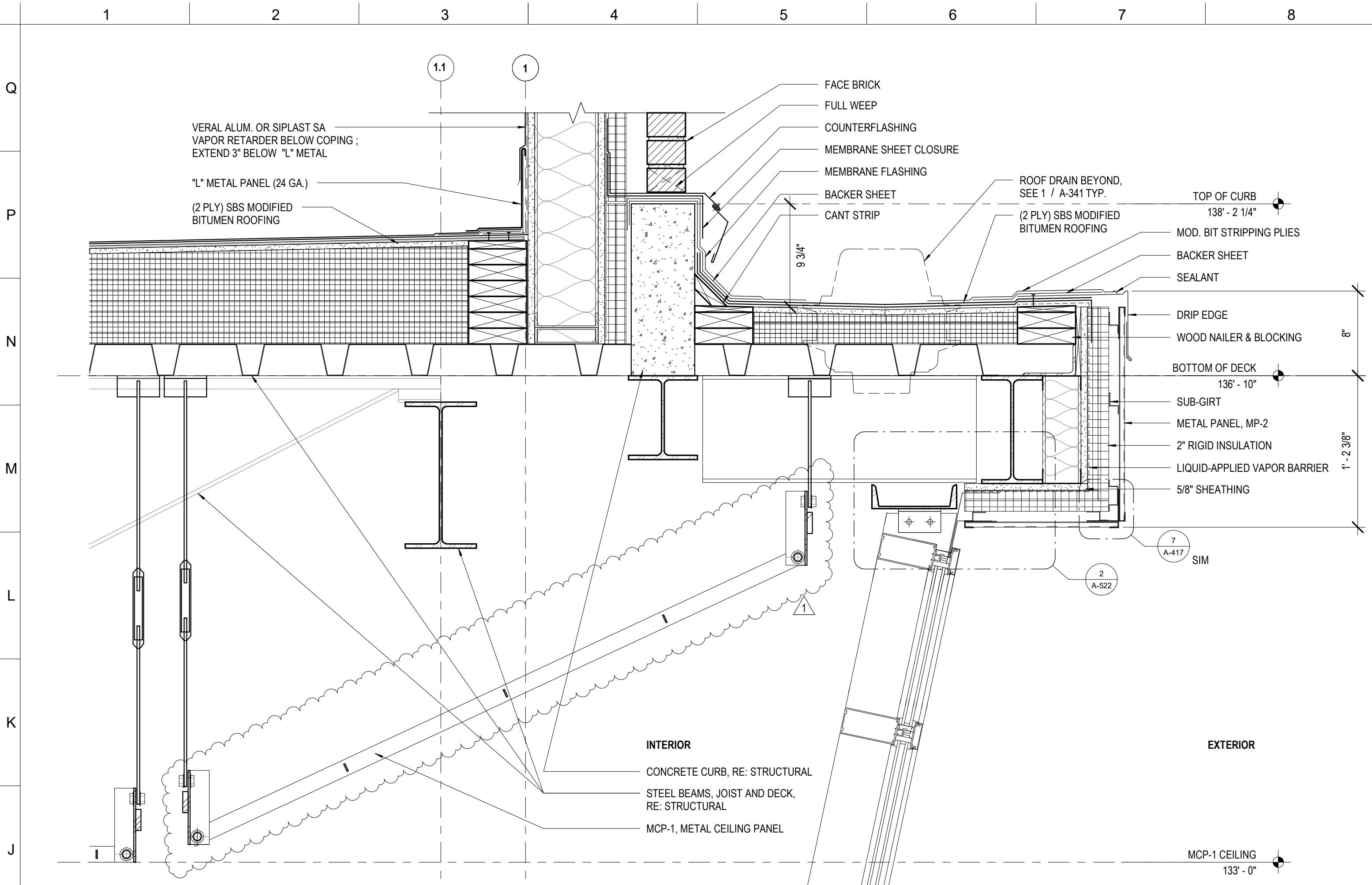
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

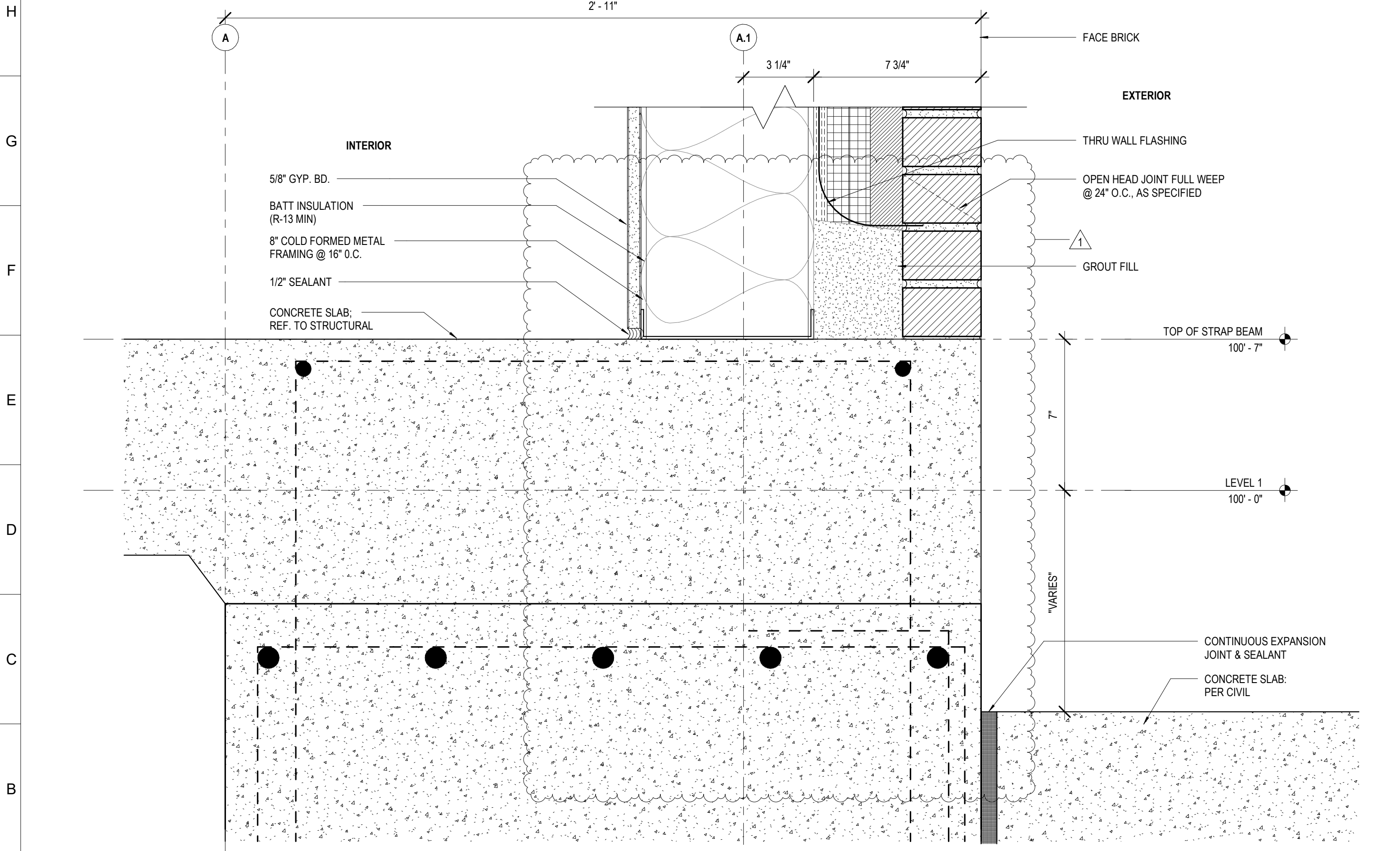
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

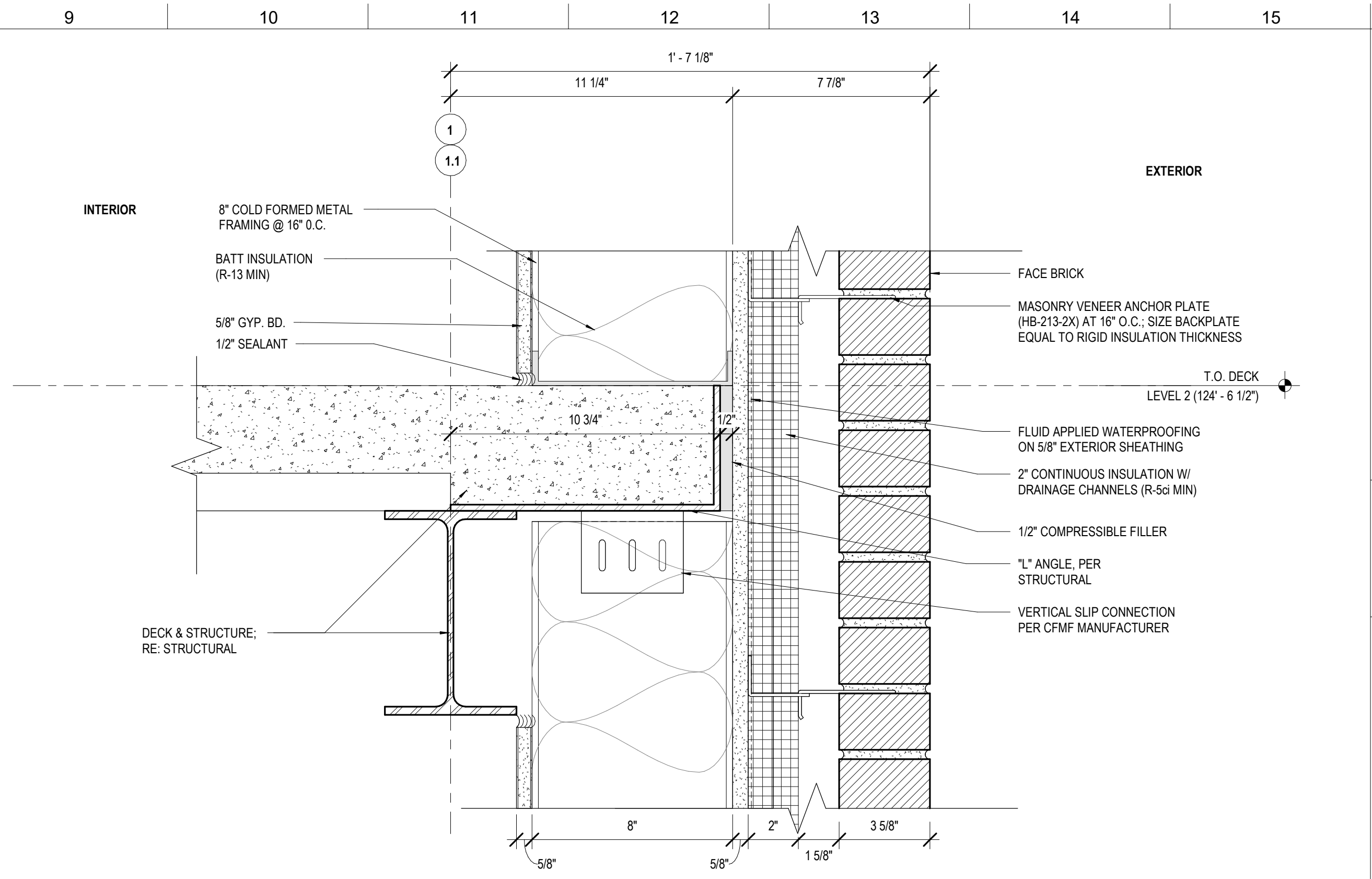
DESIGNED BY	CHECKED BY
DRAWN BY	DATE 08.04.2025
SHEET TITLE	SECTION DETAILS
PROJECT NO.	SHEET NO.
12274	A-321



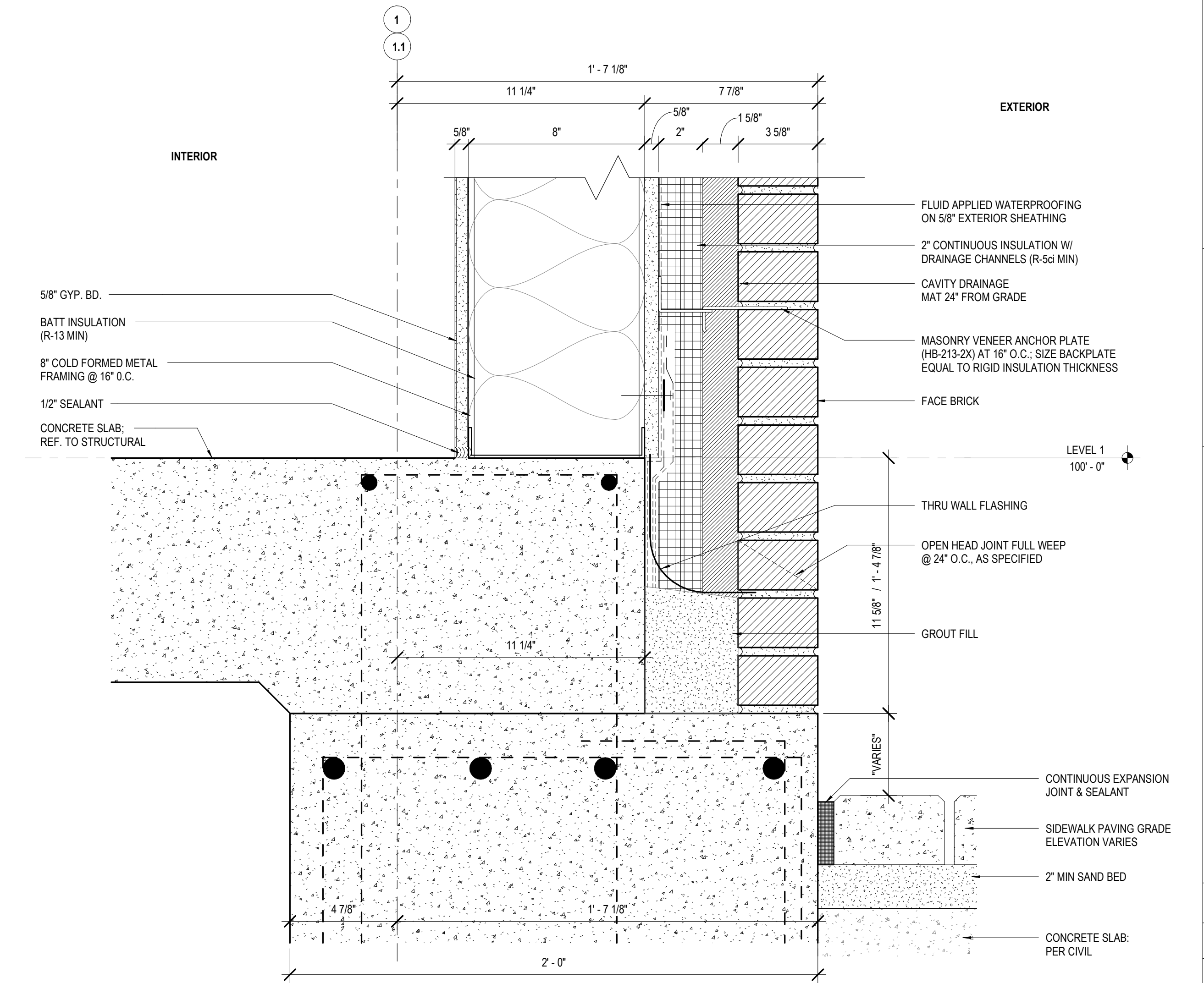
1 ROOF DECK - ENTRY
A-322 1 1/2" = 1'-0"



4 BRICK BASE FLASHING DETAIL @ STRAP BEAM
A-322 3" = 1'-0"



2 LEVEL 2 SLAB EDGE - BRICK
A-322 3" = 1'-0"



3 BRICK BASE FLASHING DETAIL @ SIDEWALK/ TYP.
A-322 3" = 1'-0"

No.	Description	Date
1	ADDENDUM 1	08.22.2025



KEY PLAN

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PROJECT TITLE

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1060 MAGAZINE ST.
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DOCUMENTS**

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DRAWN BY	DATE 08.04.2025
SHEET TITLE	SECTION DETAILS
PROJECT NO. 12274	SHEET NO. A-322

1 METAL COPING AT PARAPET - BRICK
A-323 1 1/2" = 1'-0"

2 ROOF DECK CONNECTION @ COLUMN - BRICK
A-323 1 1/2" = 1'-0"

3 WALL CONNECTION - STEEL AWNING
A-323 1 1/2" = 1'-0"

4 TYPICAL SHELF ANGLE DETAIL @ BRICK OVERHANG
A-323 6" = 1'-0"

5 TYPICAL SHELF ANGLE DETAIL
A-323 6" = 1'-0"

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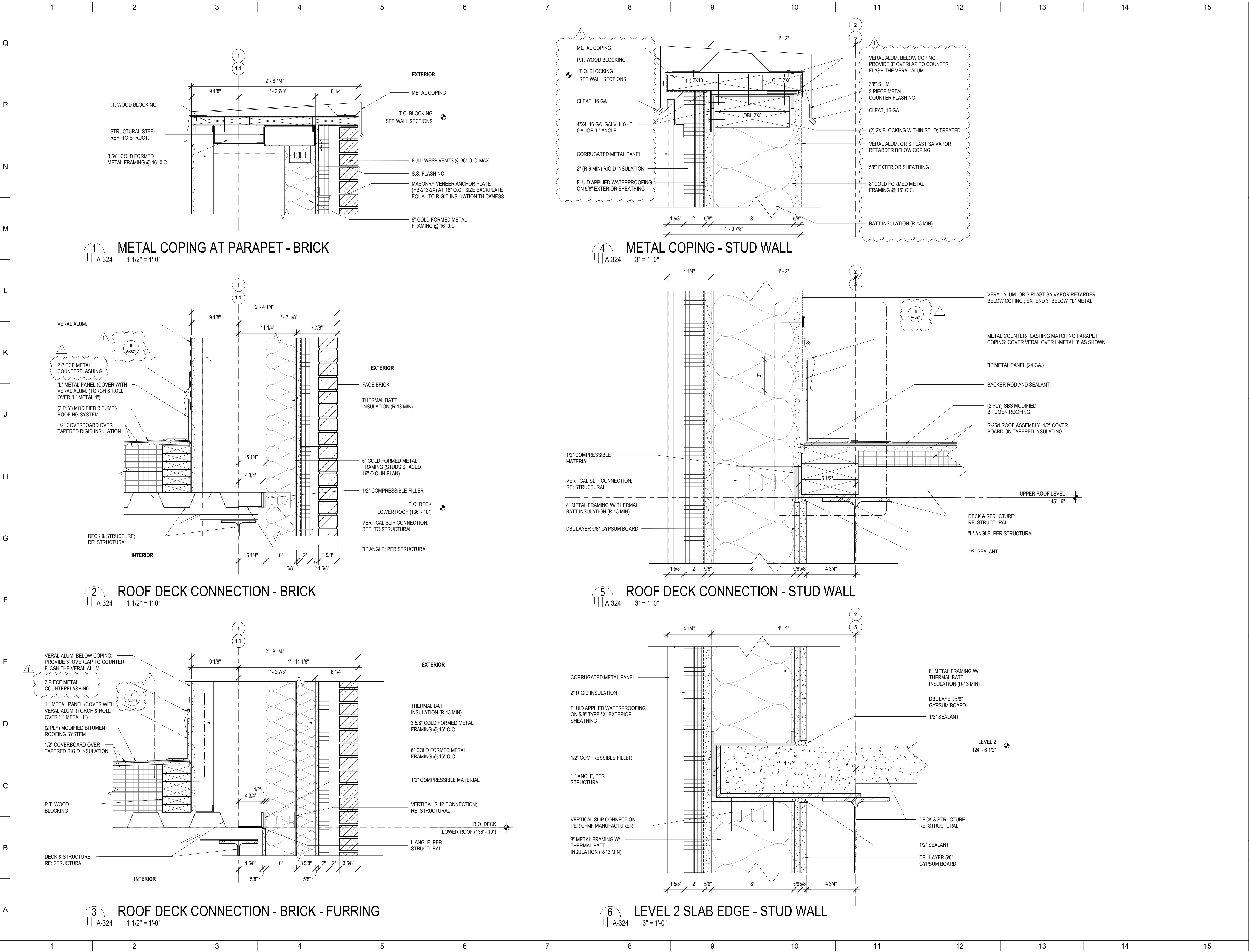
PROJECT TITLE

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PAVILION

1060 MAGAZINE ST
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SHEET TITLE SECTION DETAILS	
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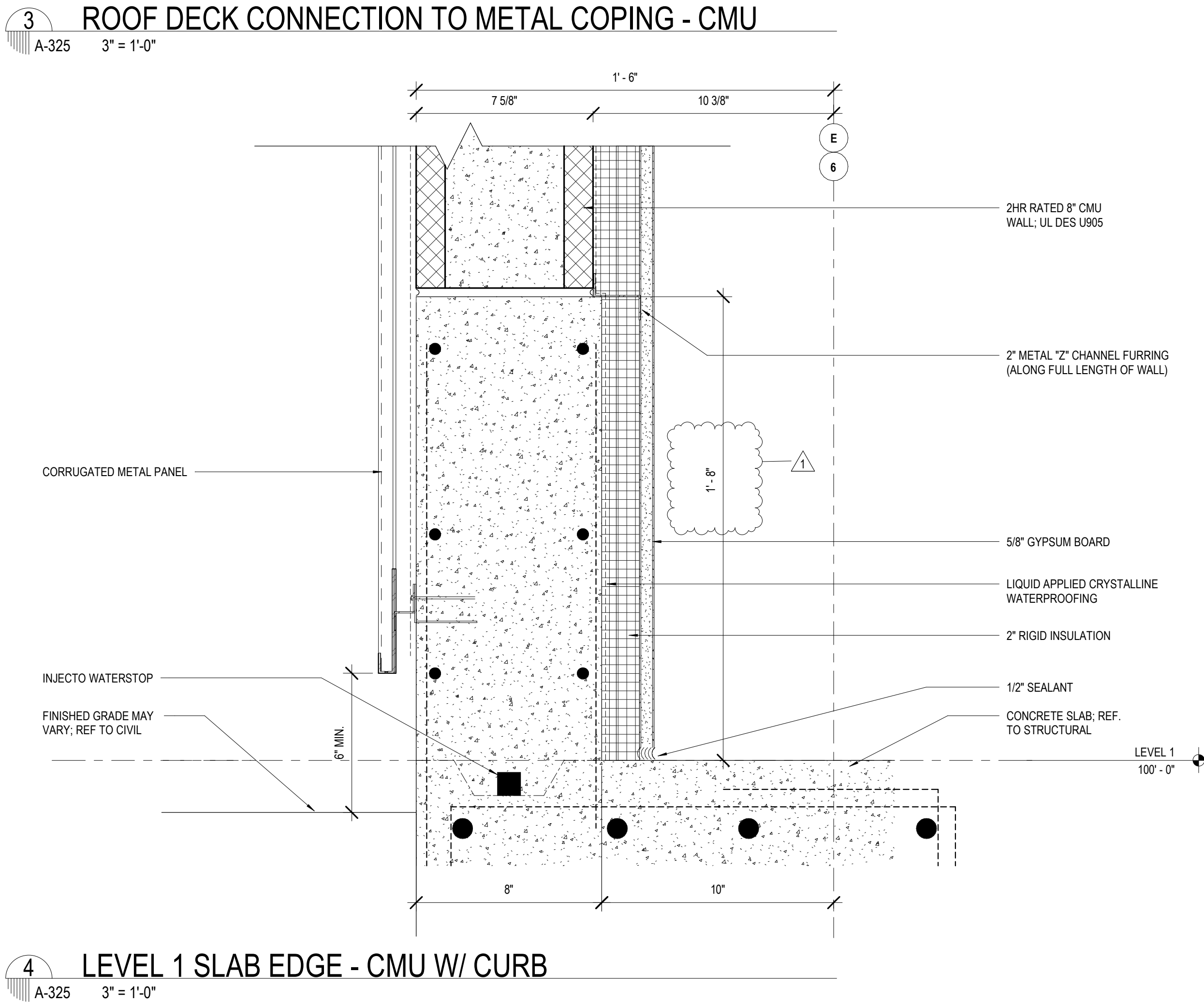
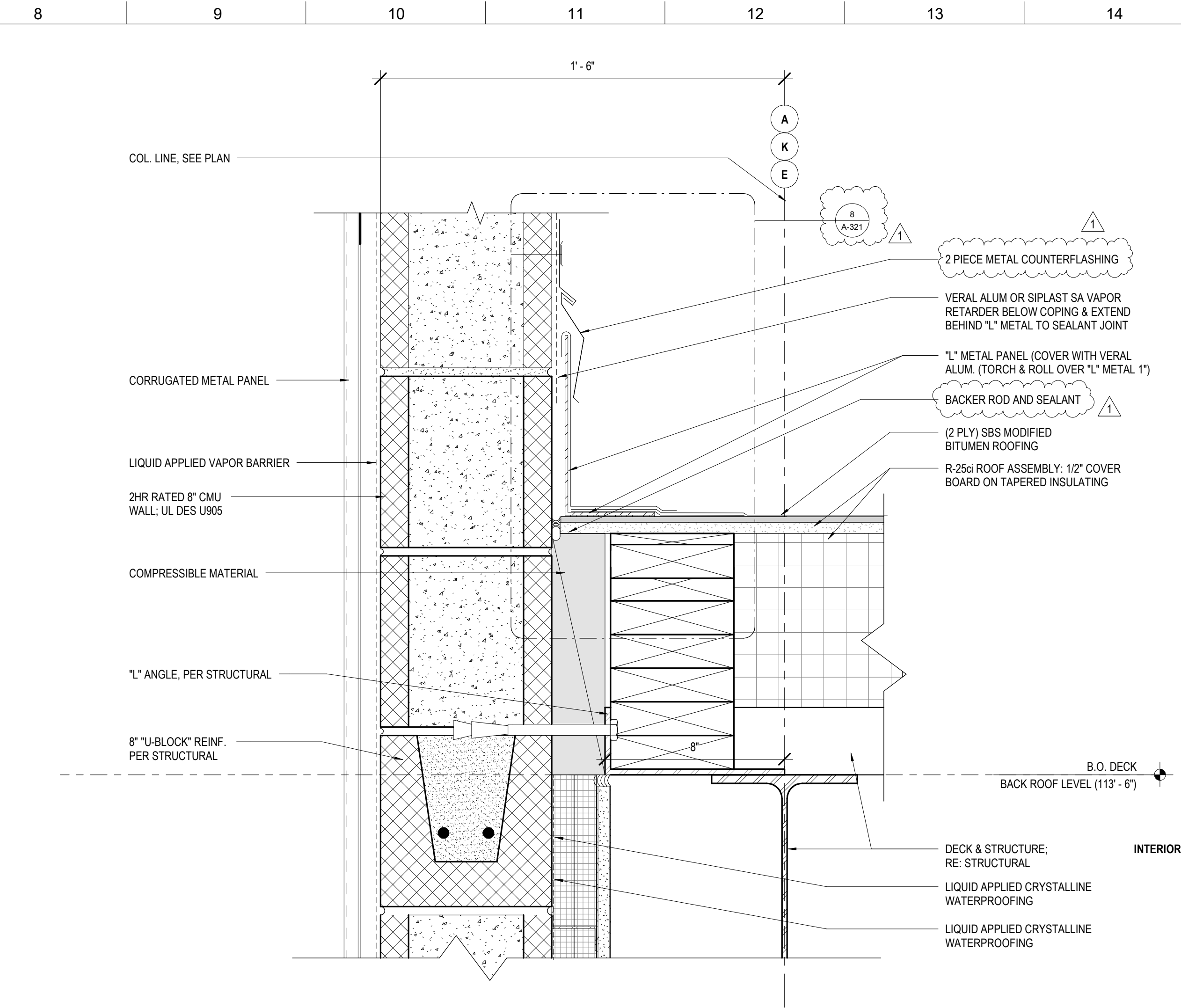
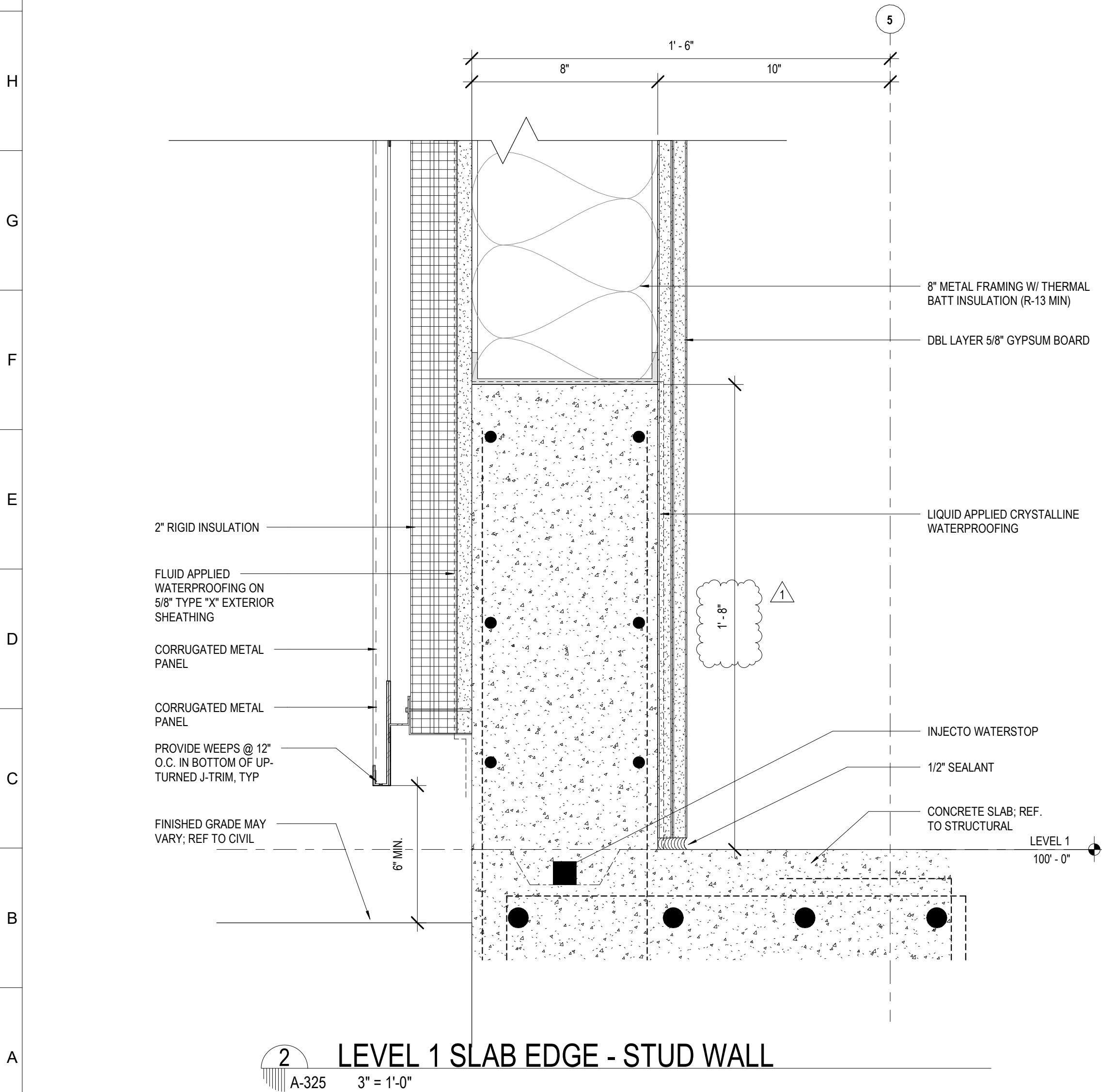
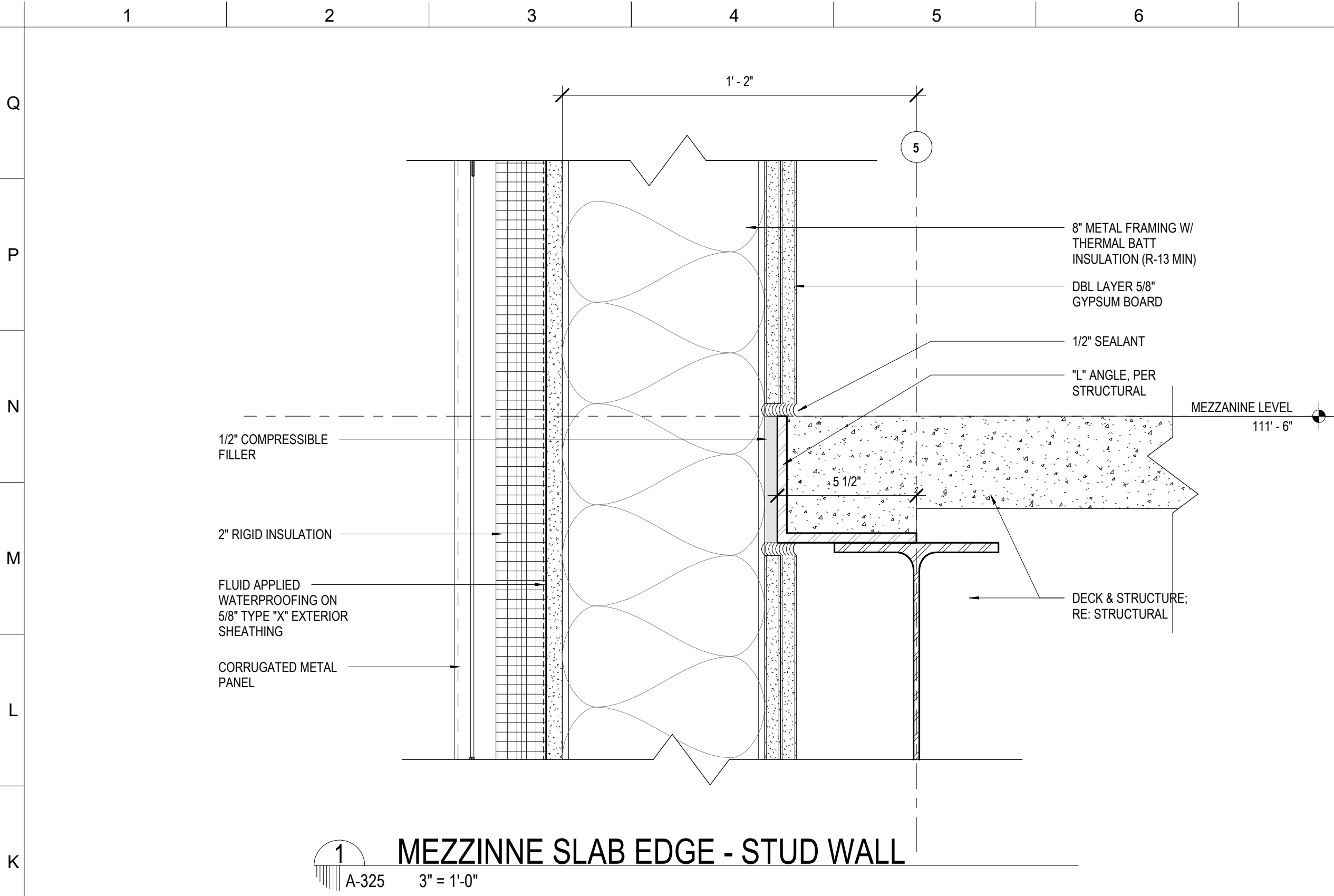
PROJECT TITLE

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PROJECT NO. 12274	SHEET NO. A-324



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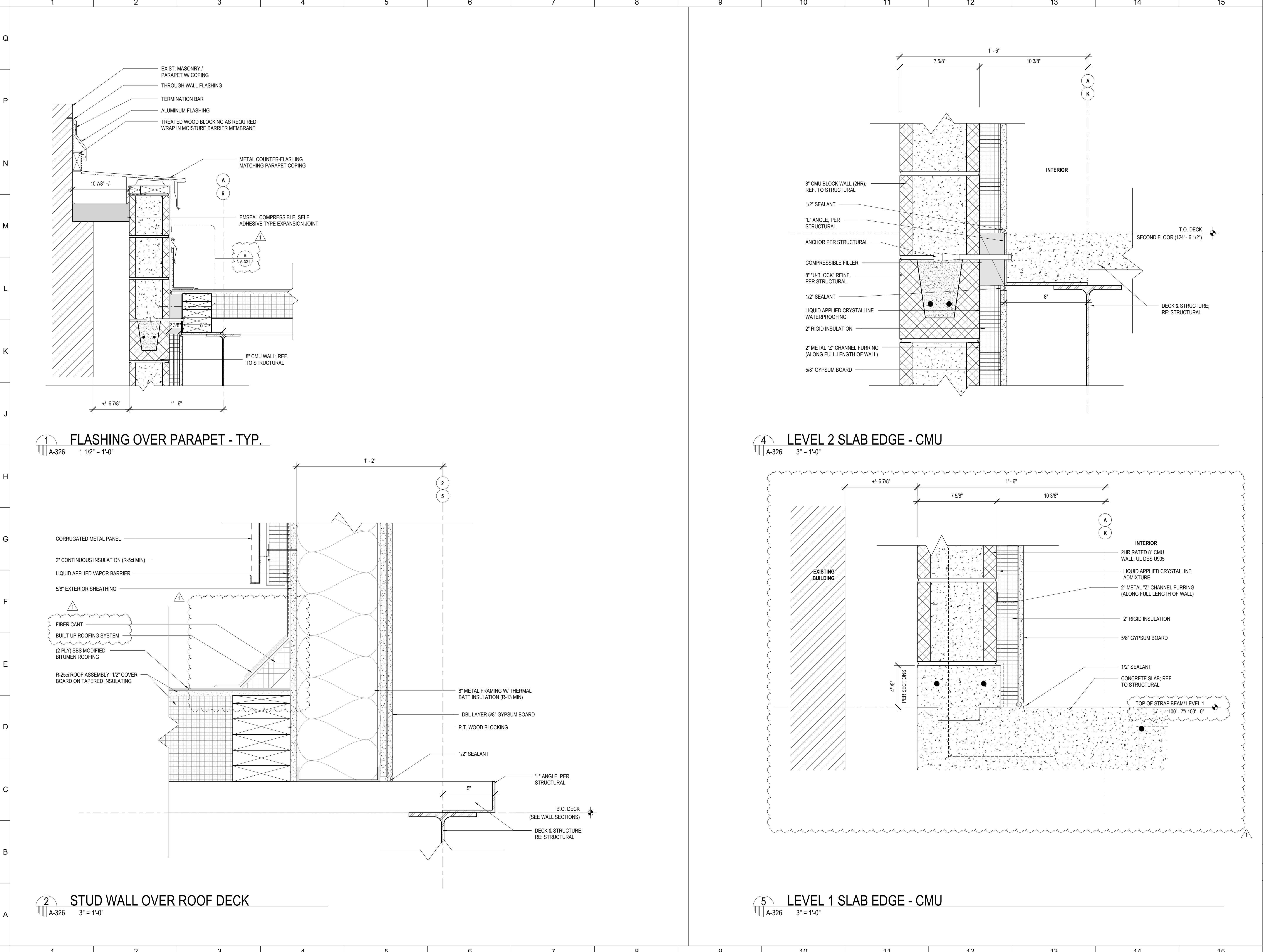
PROJECT TITLE

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SHEET TITLE SECTION DETAILS	
PROJECT NO. 12274	SHEET NO. A-325



No.	Description	Date
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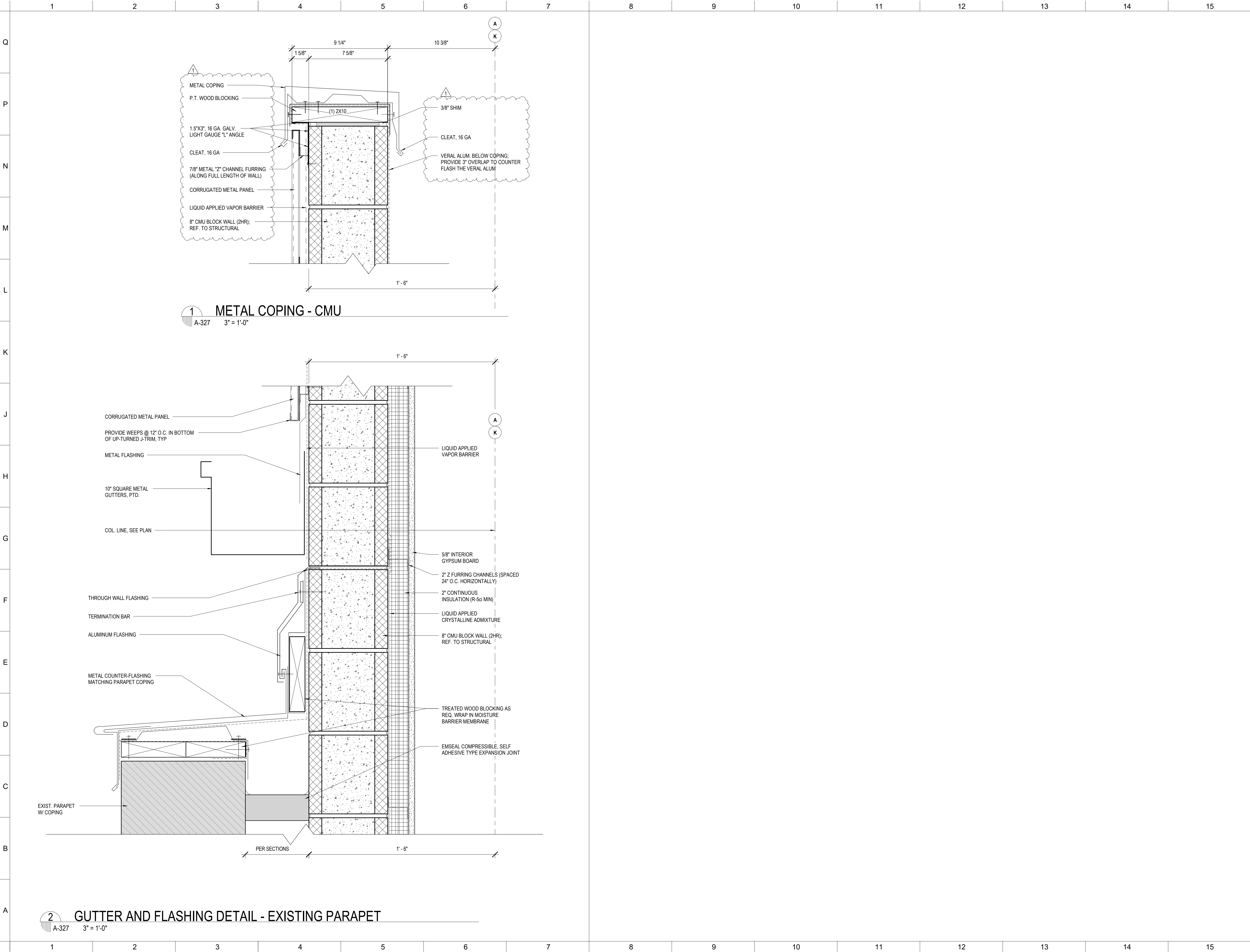
PROJECT TITLE

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CONSTRUCTION
DOCUMENTS

DESIGNED BY	CHECKED BY
DRAWN BY	DATE 08.04.2025
SHEET TITLE SECTION DETAILS	
PROJECT NO. 12274	SHEET NO. A-326



No.	Description	Date
1	ADDENDUM 1	08.22.2025

STAMP



KEY PLAN

Mathes Brierre
ARCHITECTS

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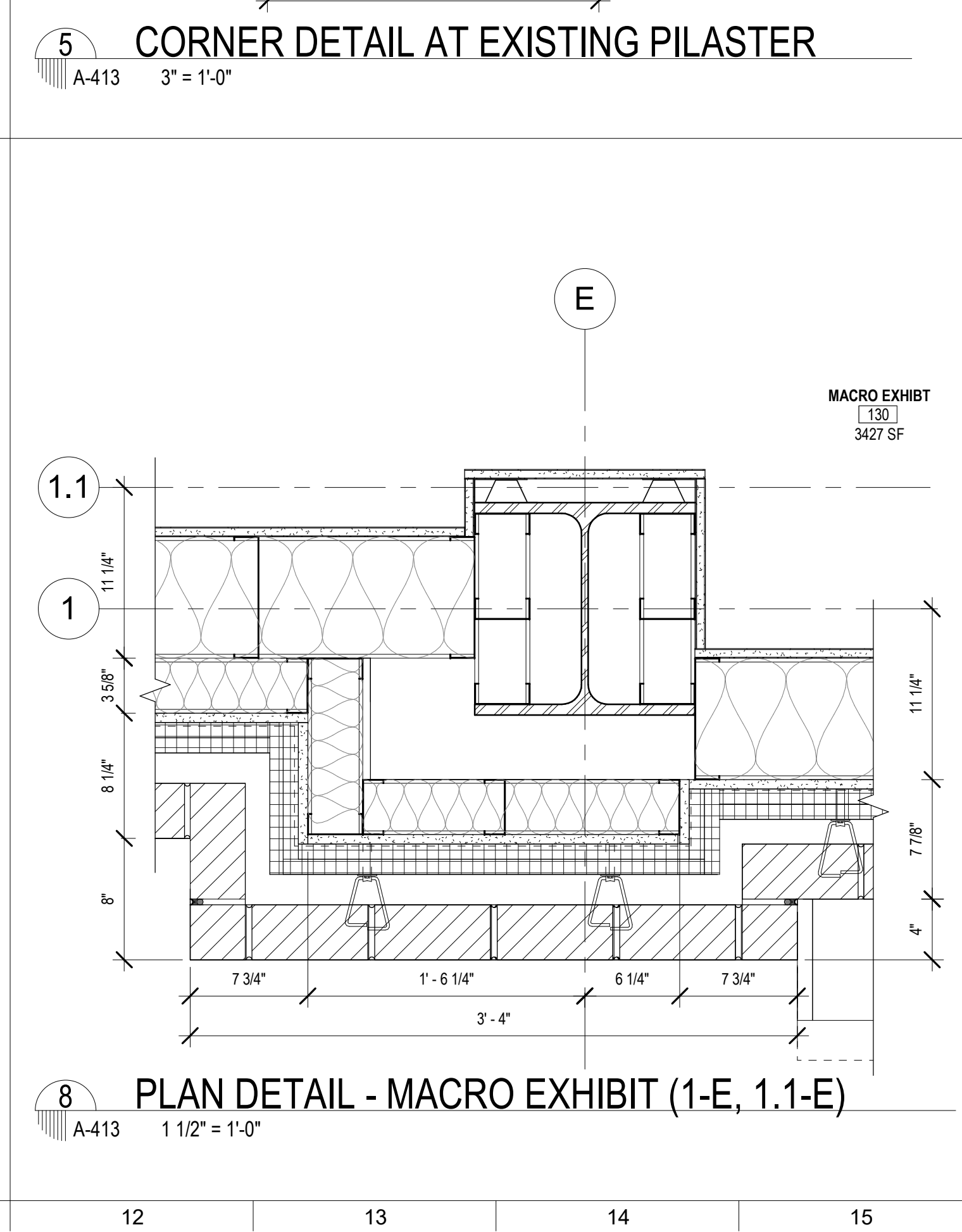
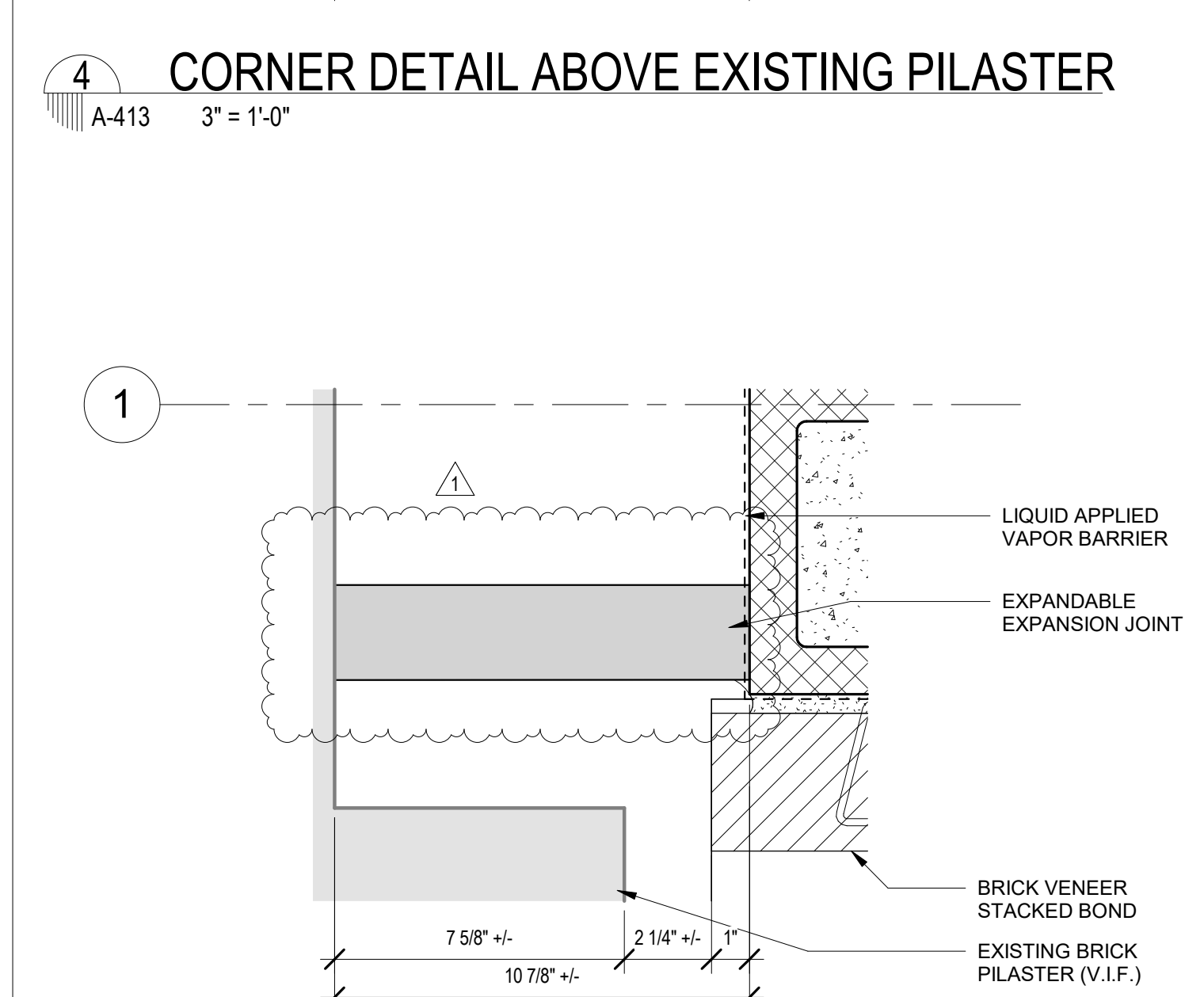
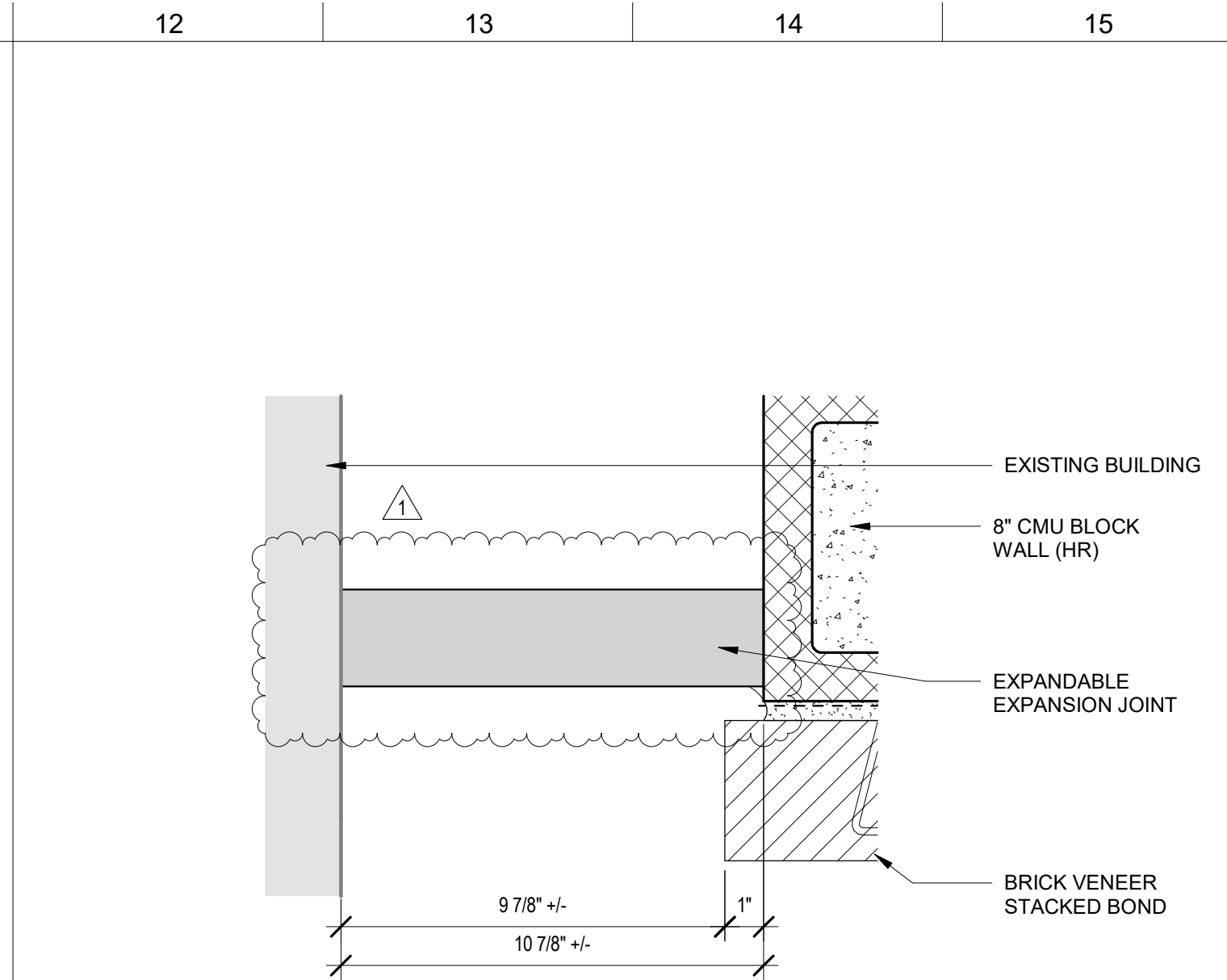
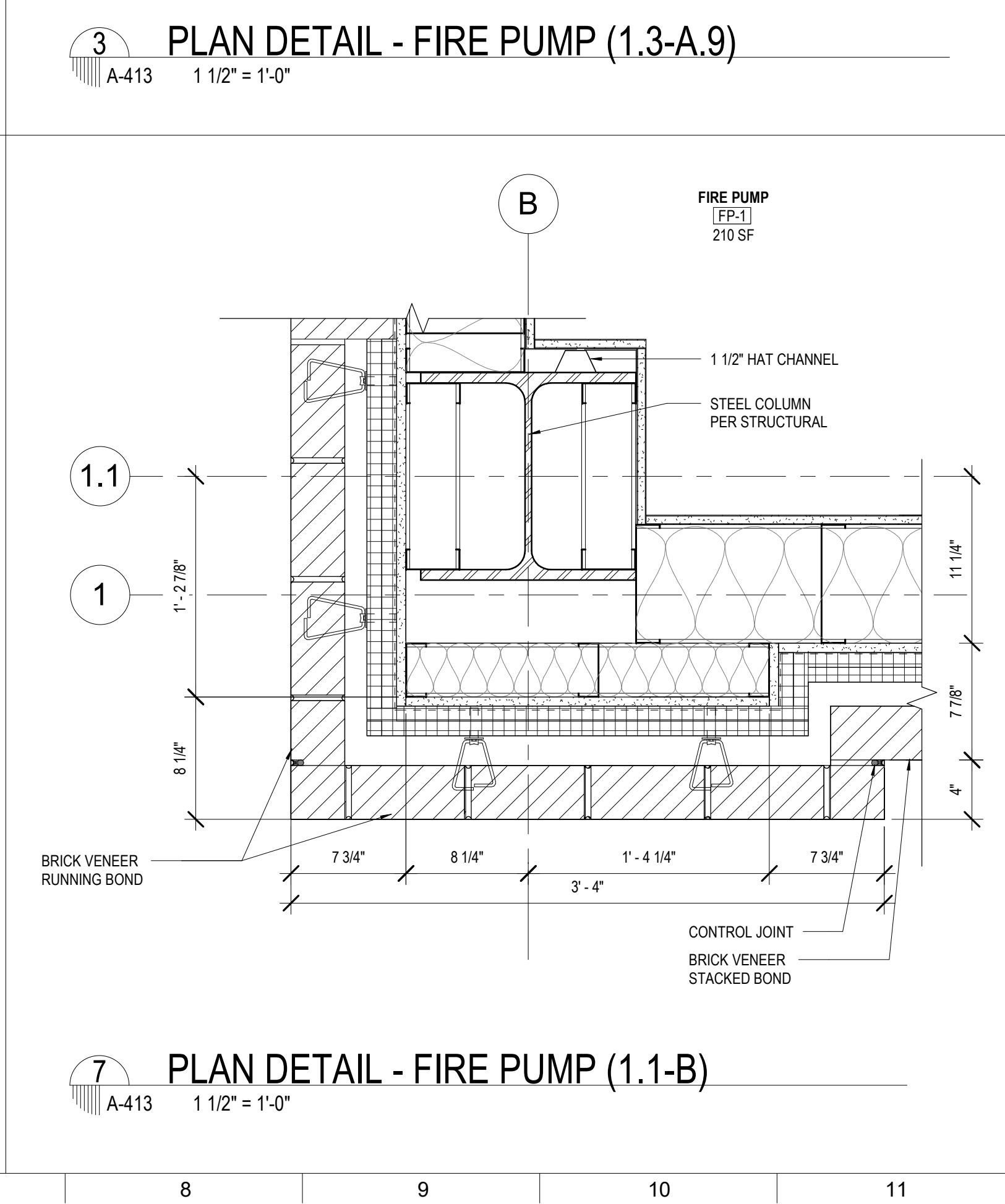
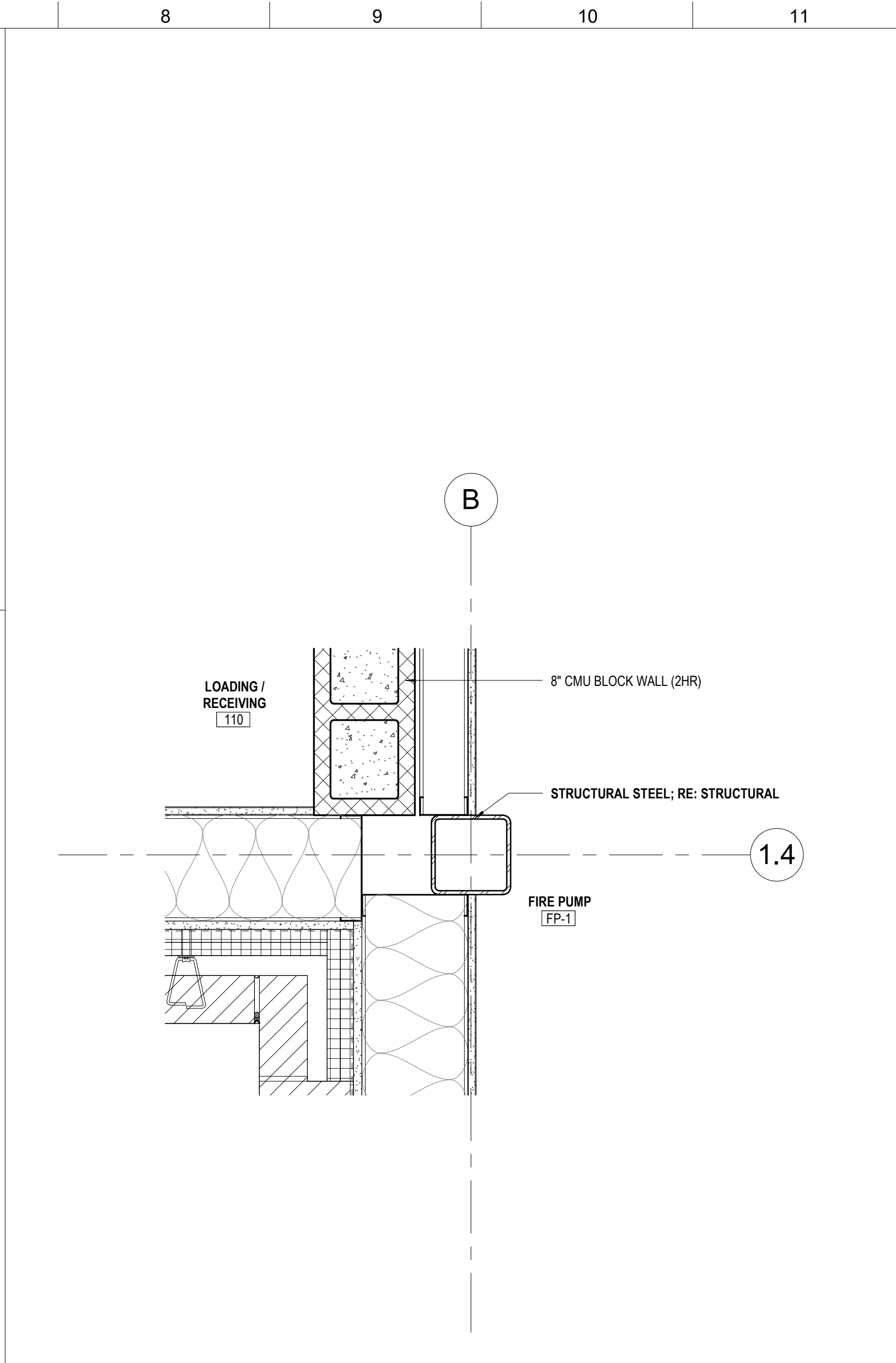
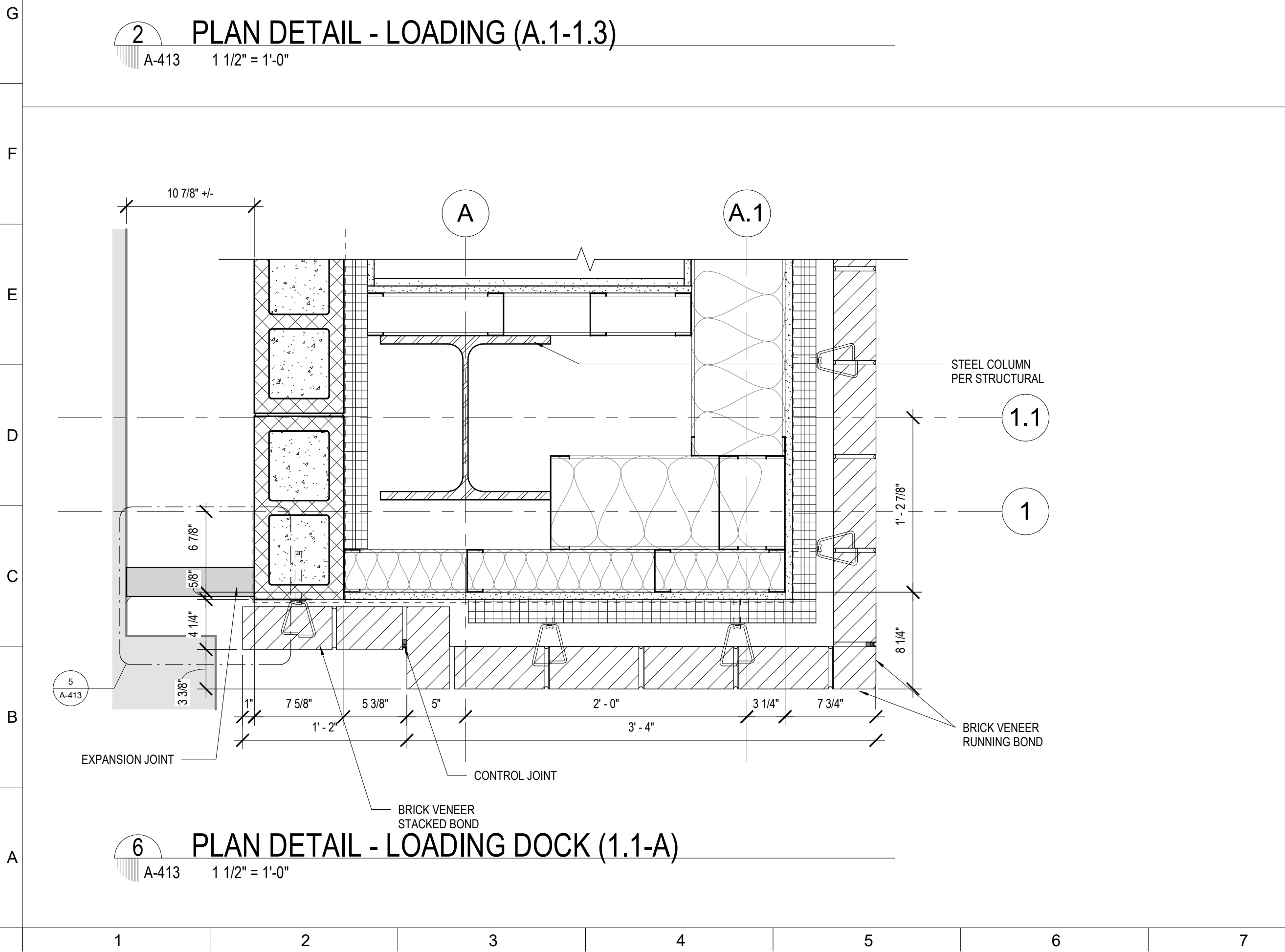
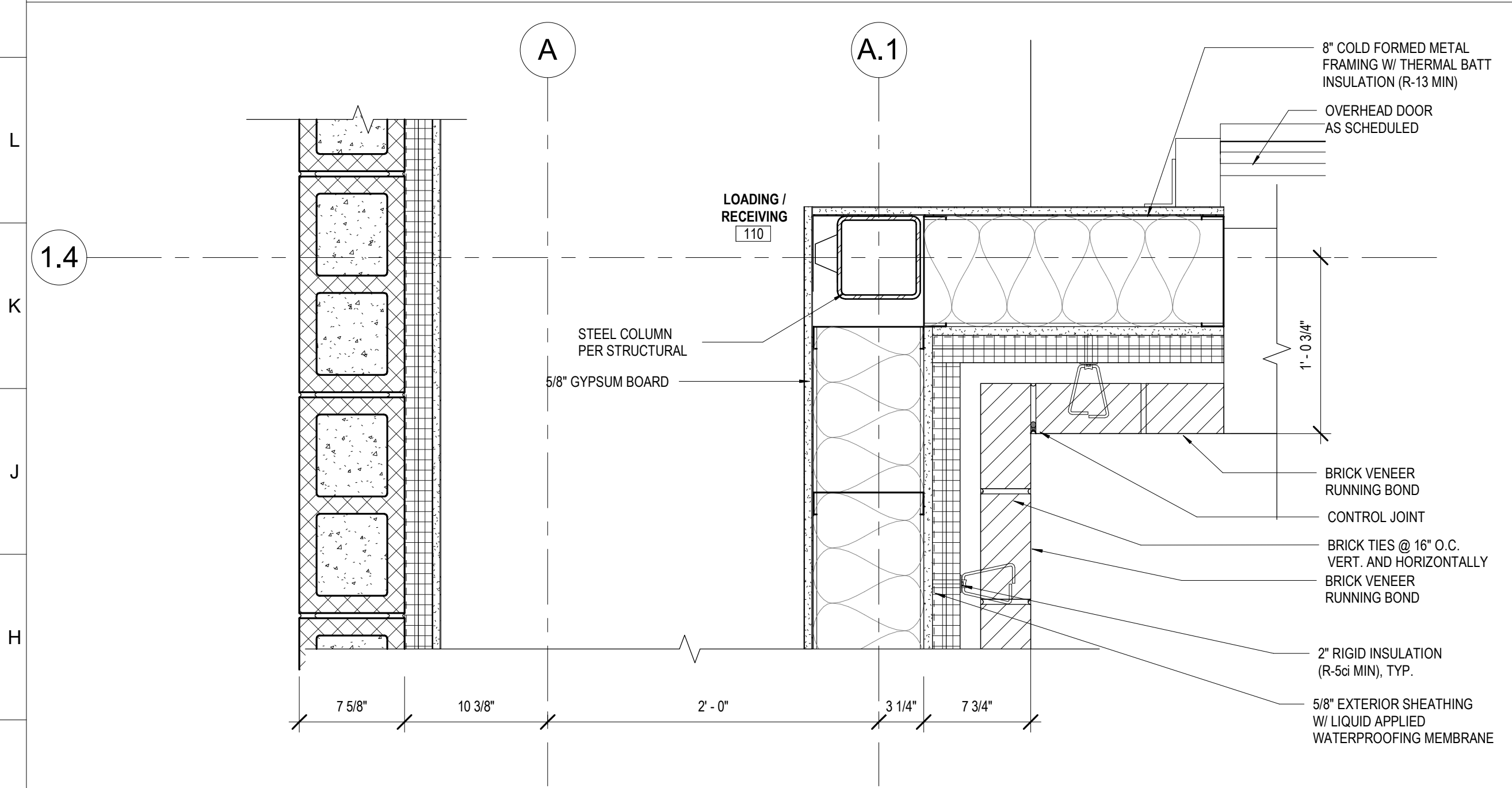
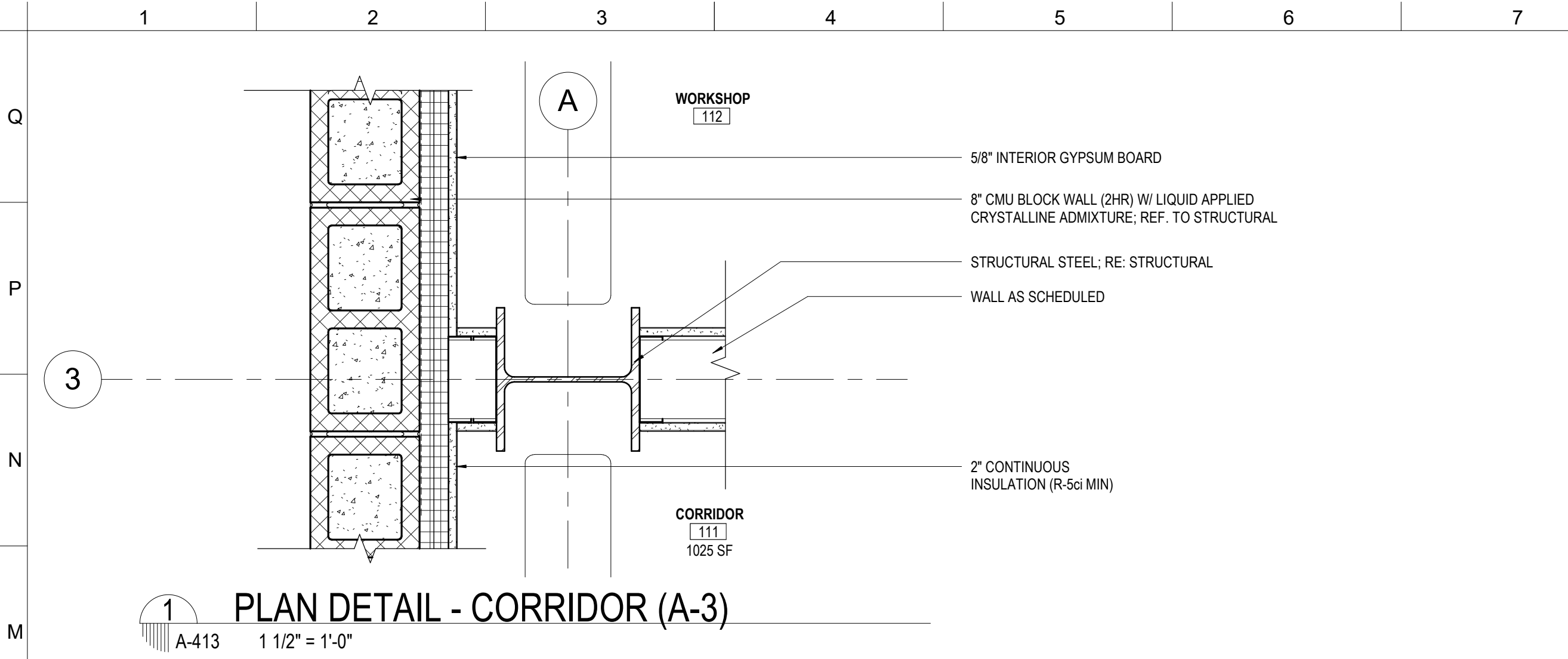
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

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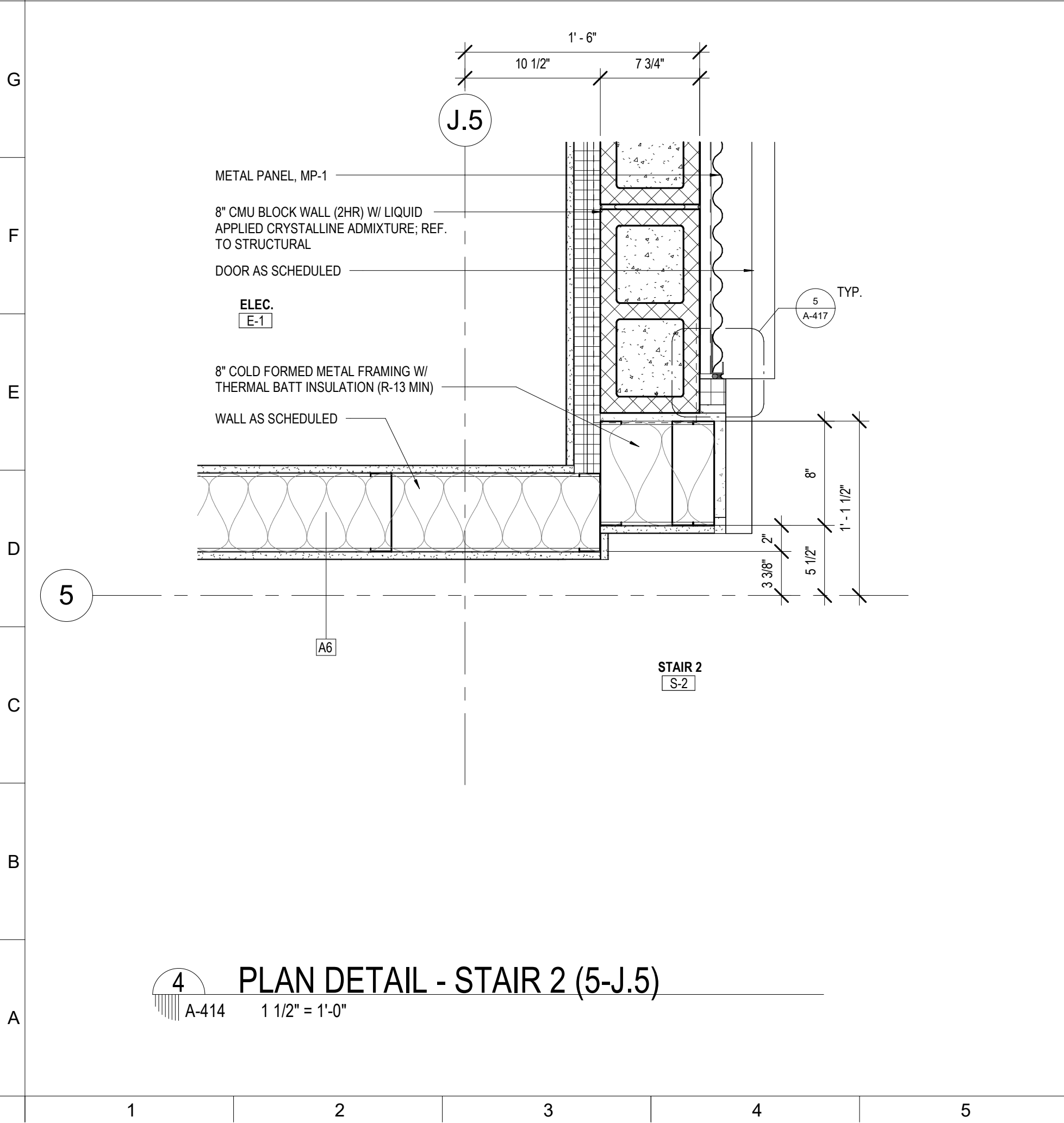
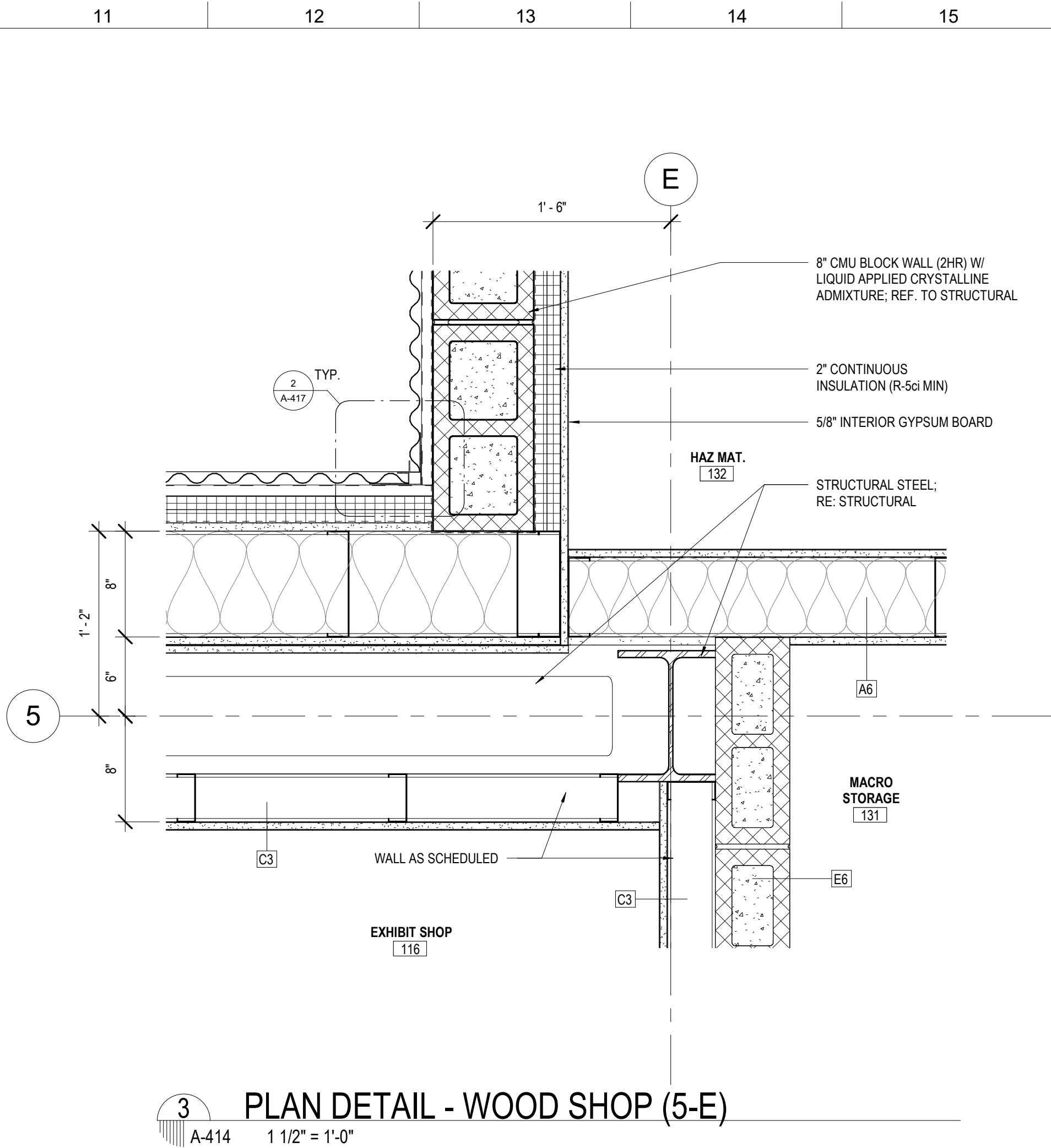
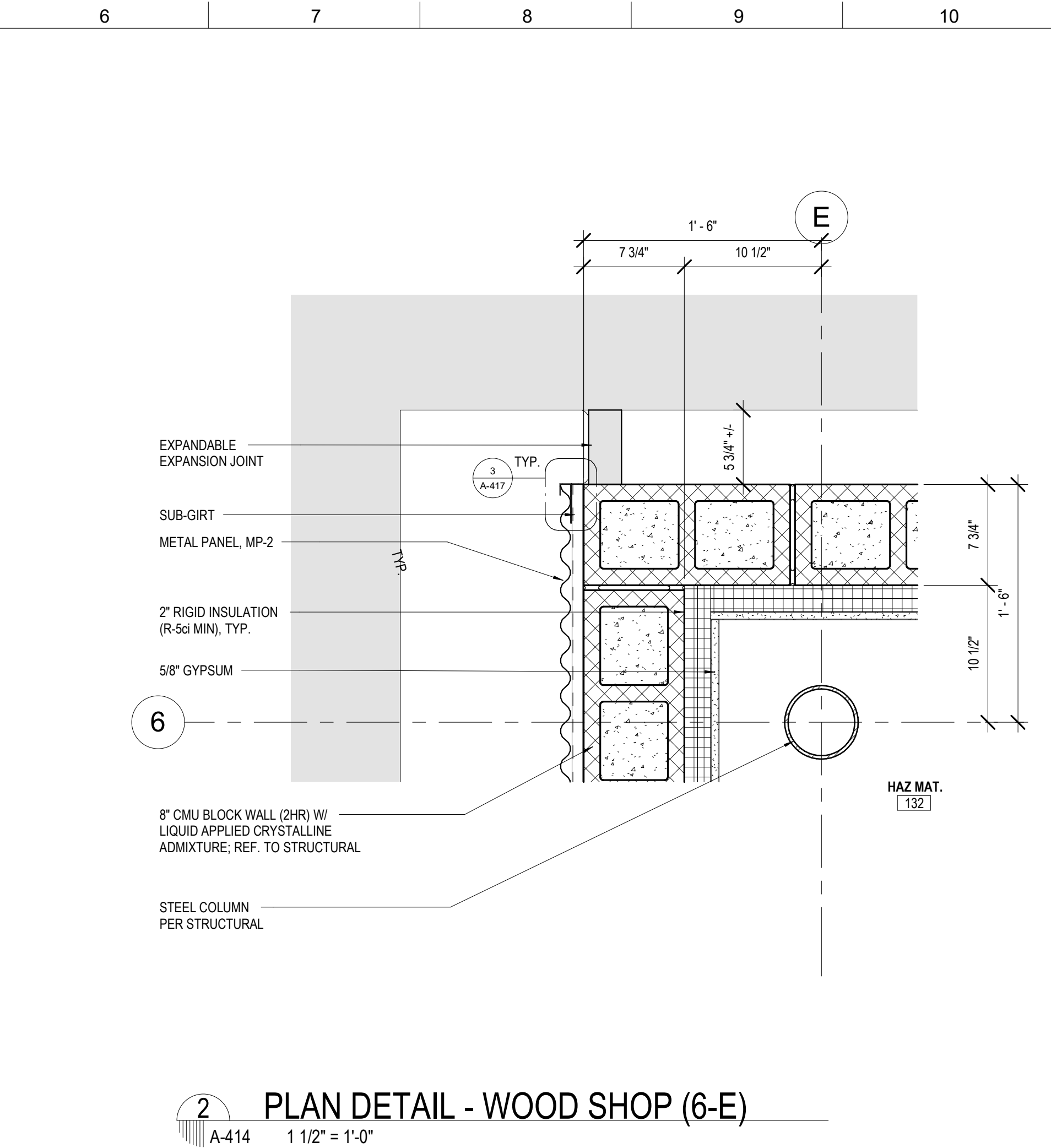
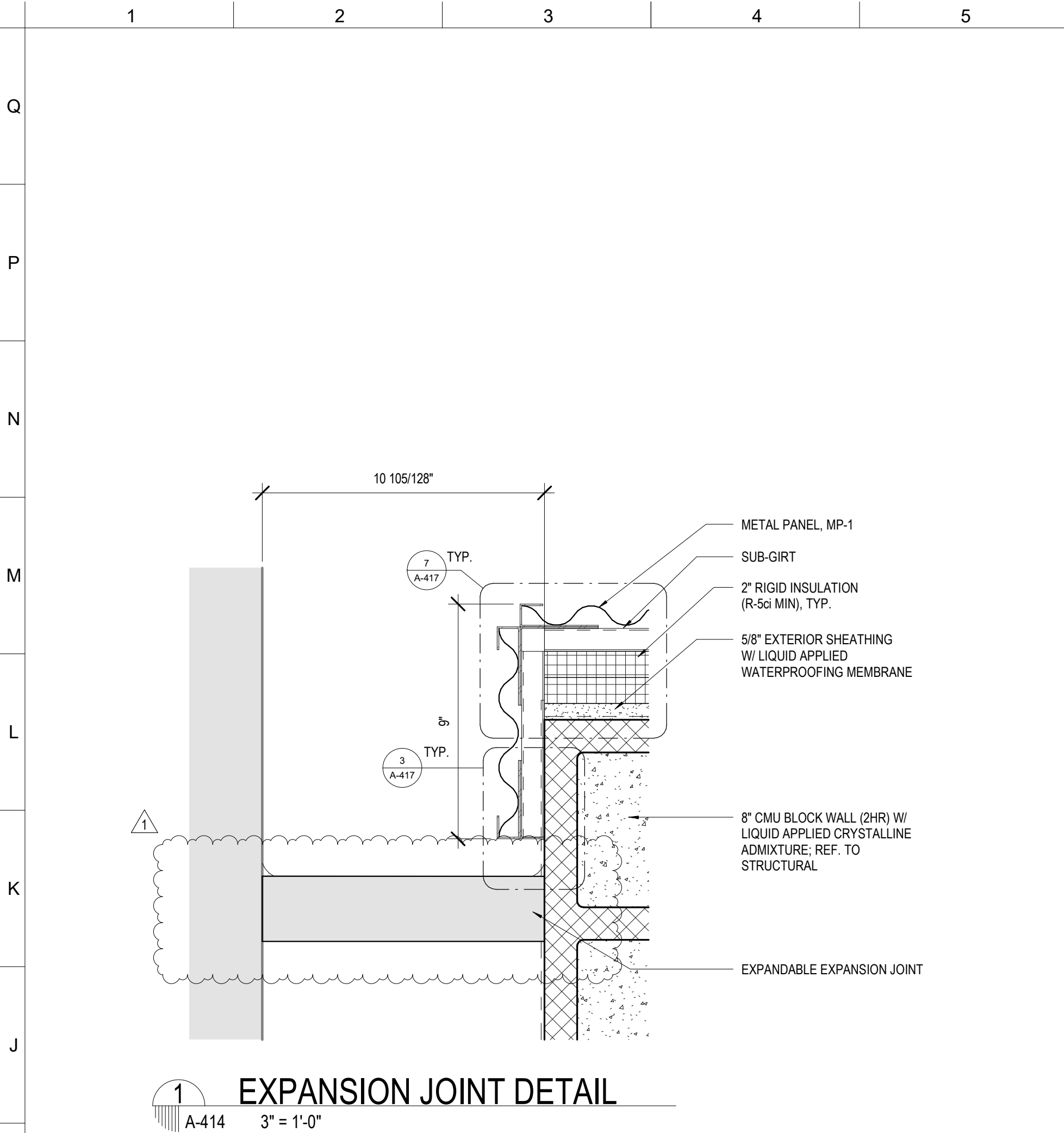
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SHEET TITLE EXTERIOR PLAN DETAILS - LEVEL 1	
PROJECT NO. 12274	SHEET NO. A-413



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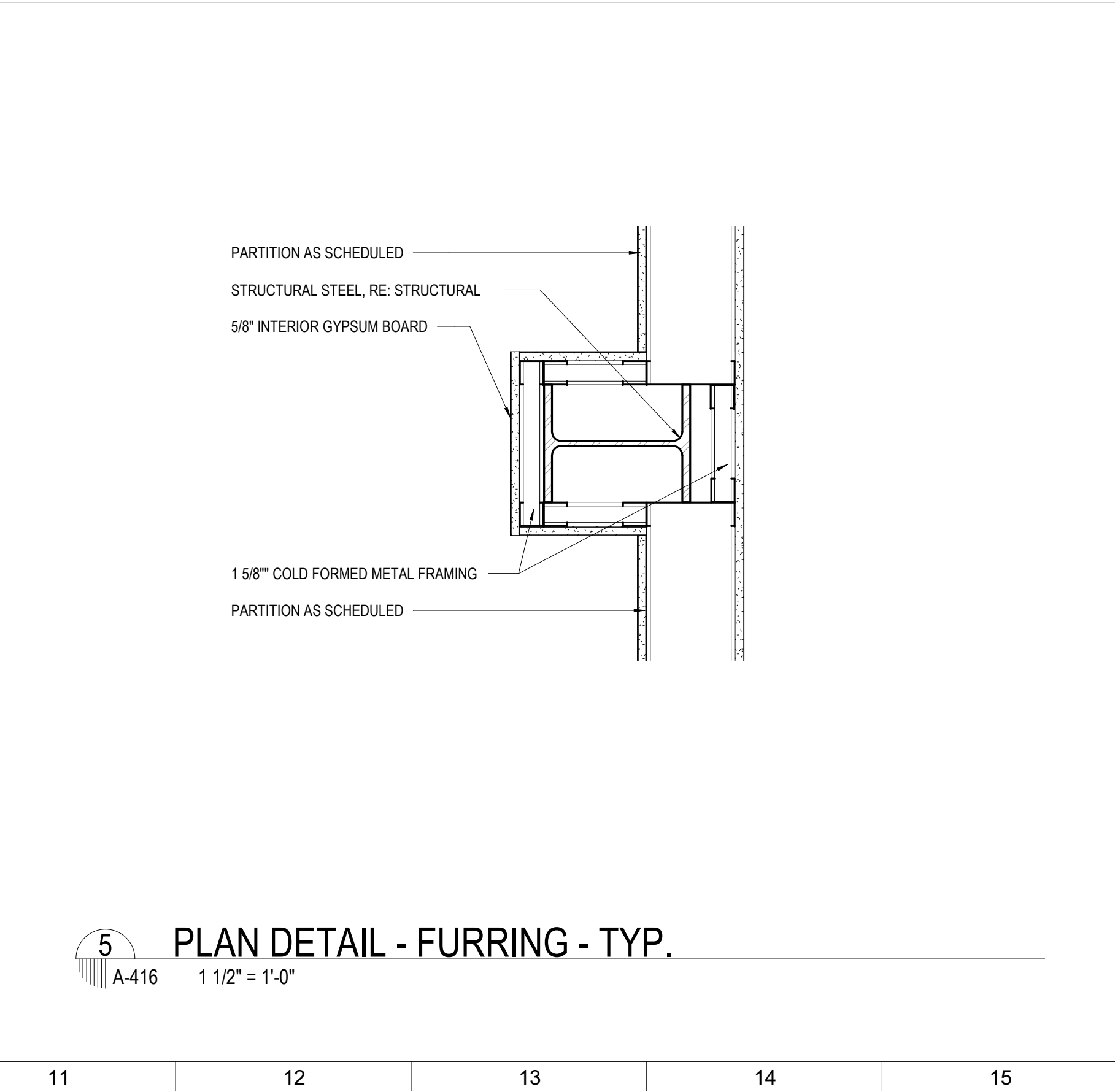
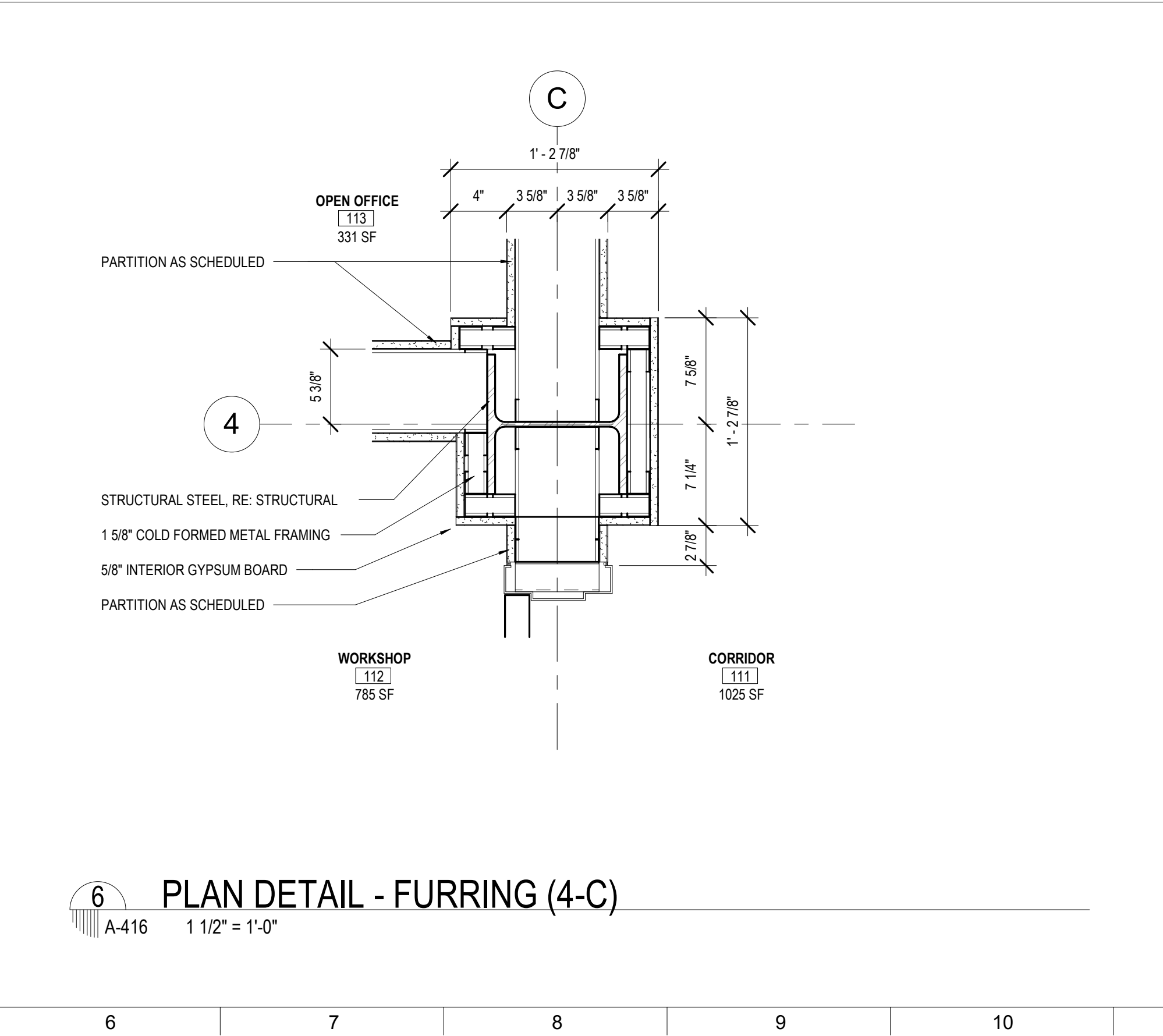
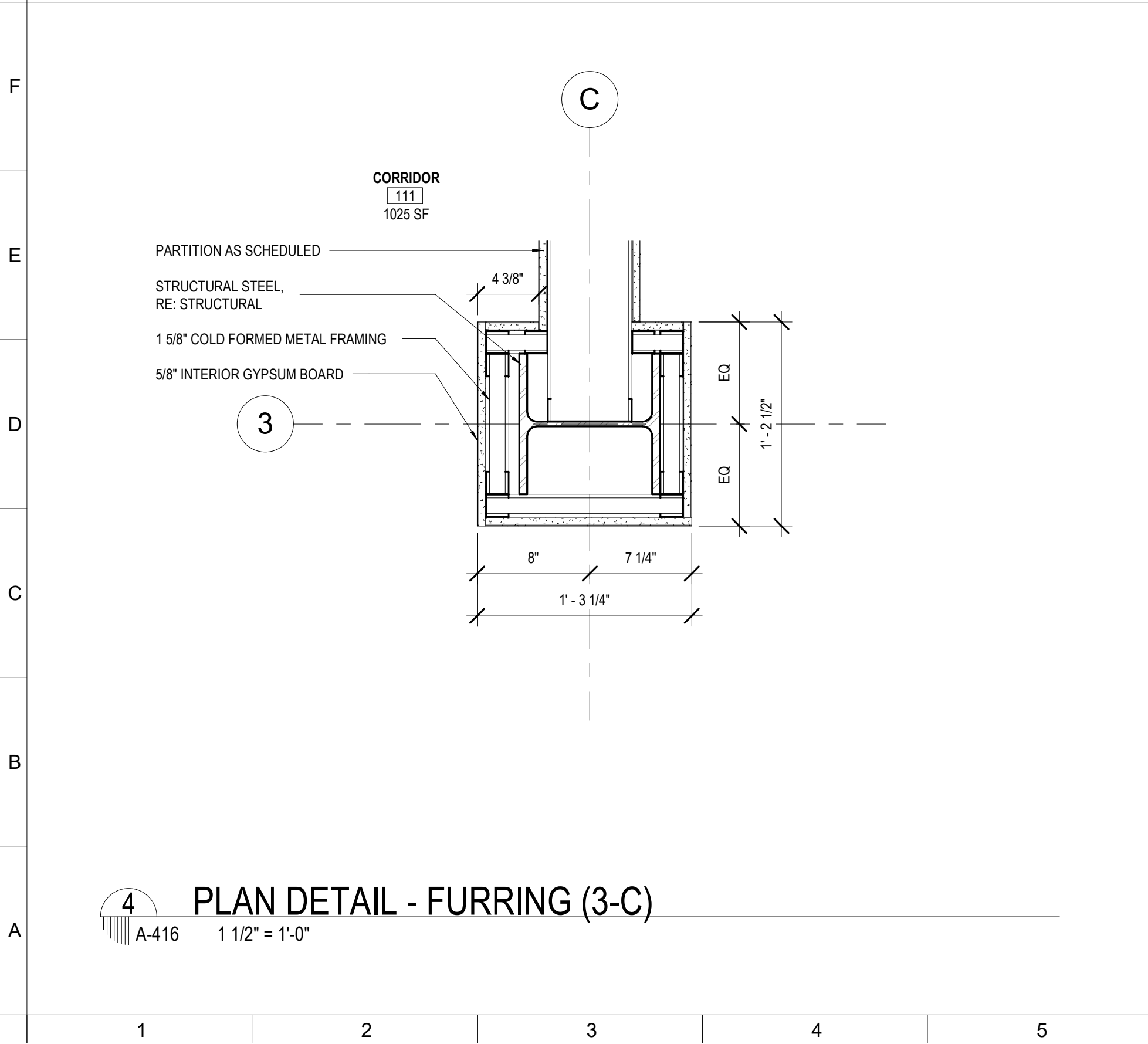
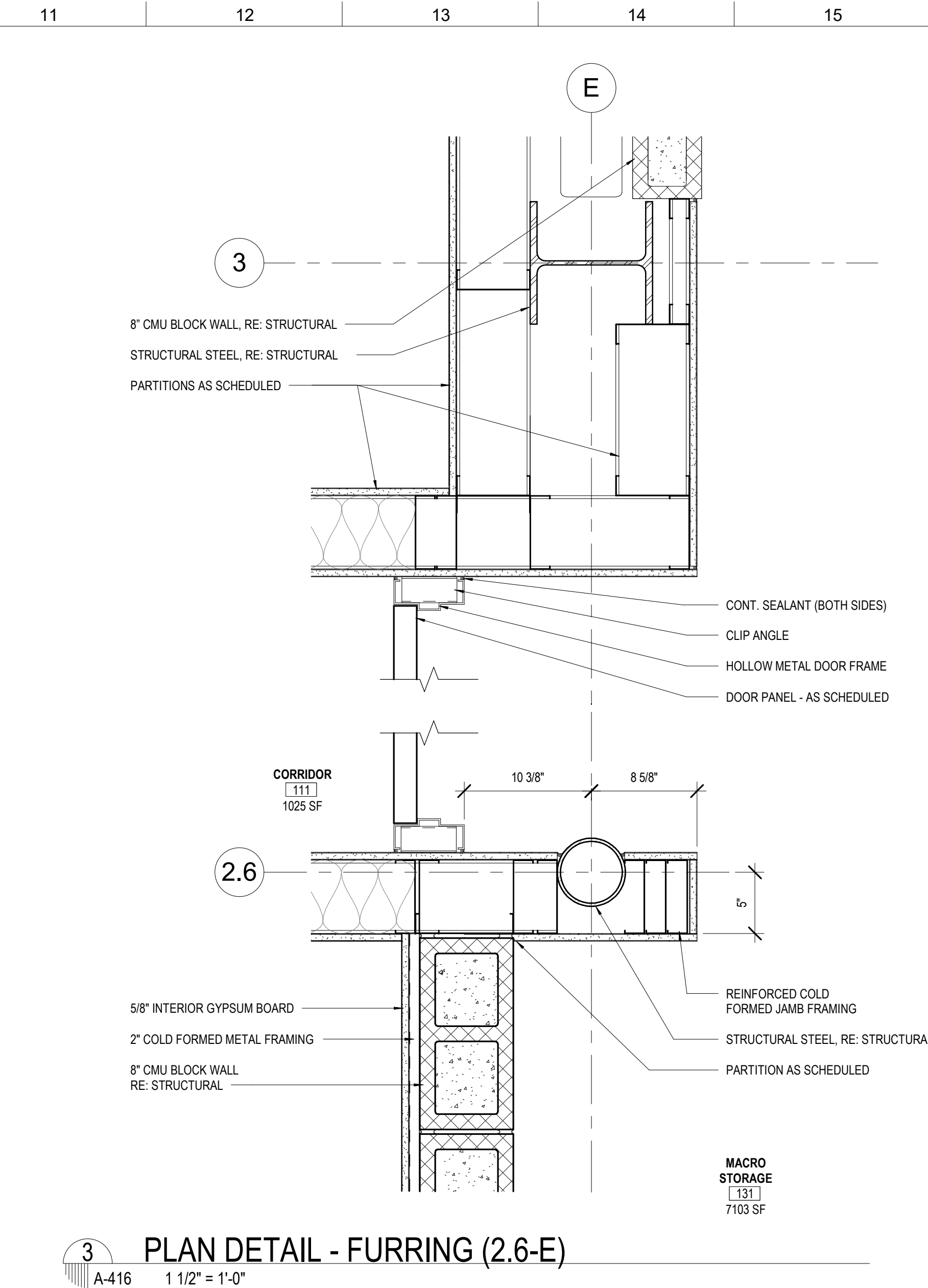
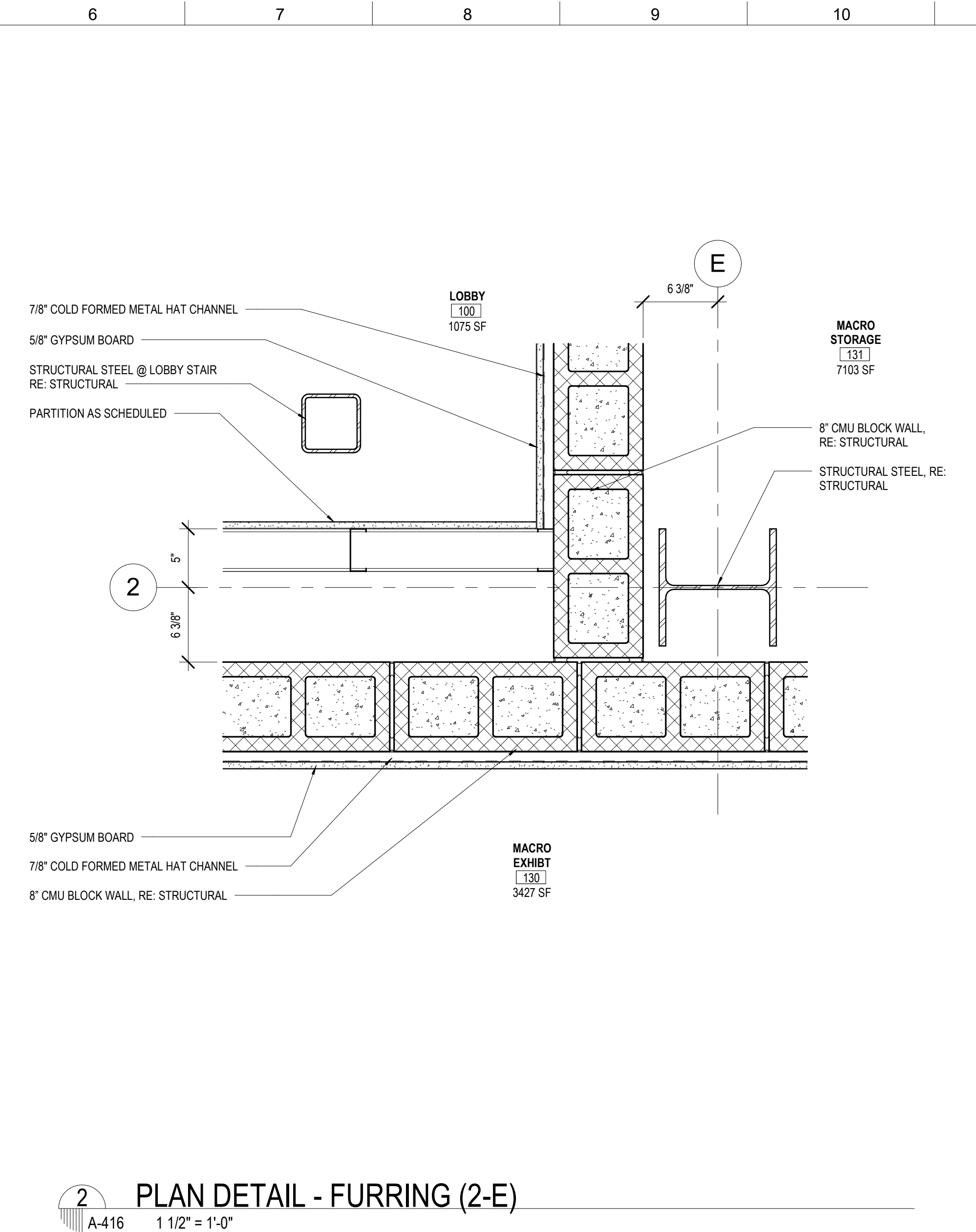
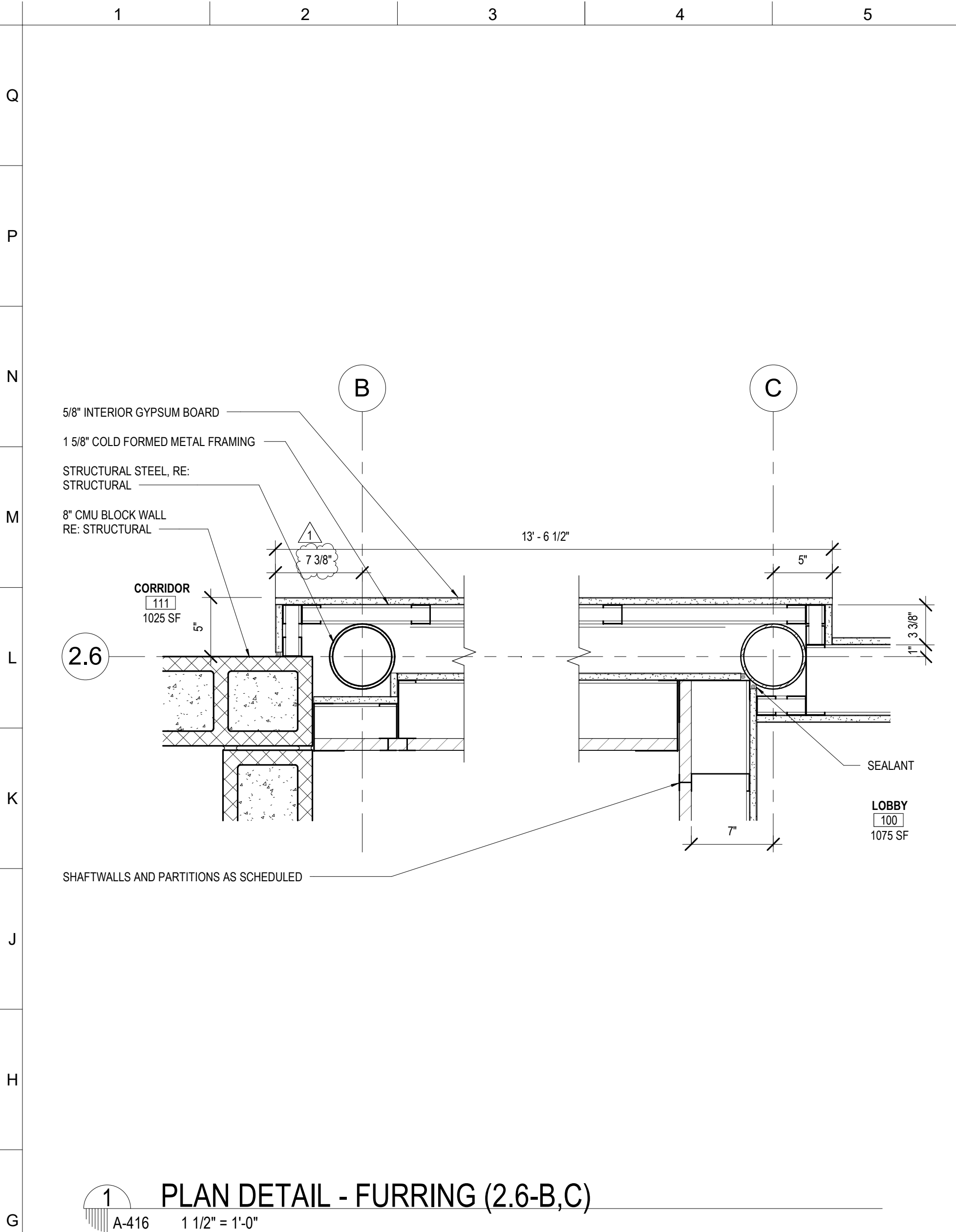
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SHEET TITLE EXTERIOR PLAN DETAILS - LEVEL 1	
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SHEET TITLE INTERIOR PLAN DETAILS - LEVEL 1	
PROJECT NO. 12274	SHEET NO. A-416

 **HEAD DETAIL**
A-521 3" = 1'-0"

4 JAMB DETAIL
A-521 3" = 1'-0"

 **SILL DETAIL @ INTERIOR**
A-521 3" = 1'-0"

7B SILL DETAIL @ EXTERIOR
A-521 3" = 1'-0"

9 2F LOBBY CURTAIN WALL
A-521 1/4" = 1'-0"

2 DOOR HEAD DETAIL
A-521 3" = 1'-0"

5 DOOR JAMB DETAIL
A-521 3" = 1'-0"

8 DOOR SILL DETAIL
A-521 3" = 1'-0"

10 MACRO ENTRY CURAINWALL
A-521 1/4" = 1'-0"

3 MUTIN DETAIL
A-521 3" = 1'-0"

6 MULLION DETAIL
A-521 3" = 1'-0"

11 MAIN ENTRY CURTAINWALL
A-521 1/4" = 1'-0"

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PROJECT TITLE

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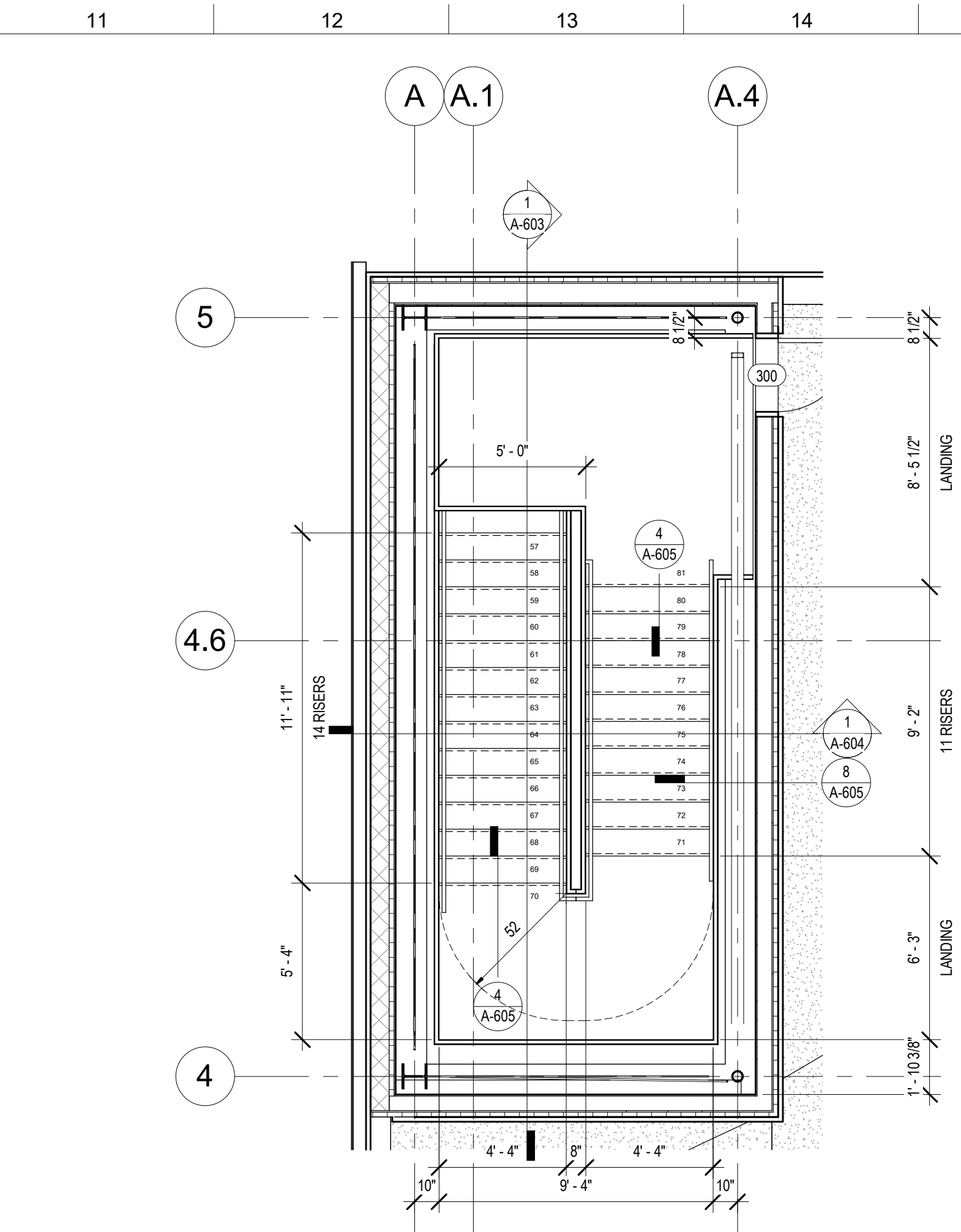
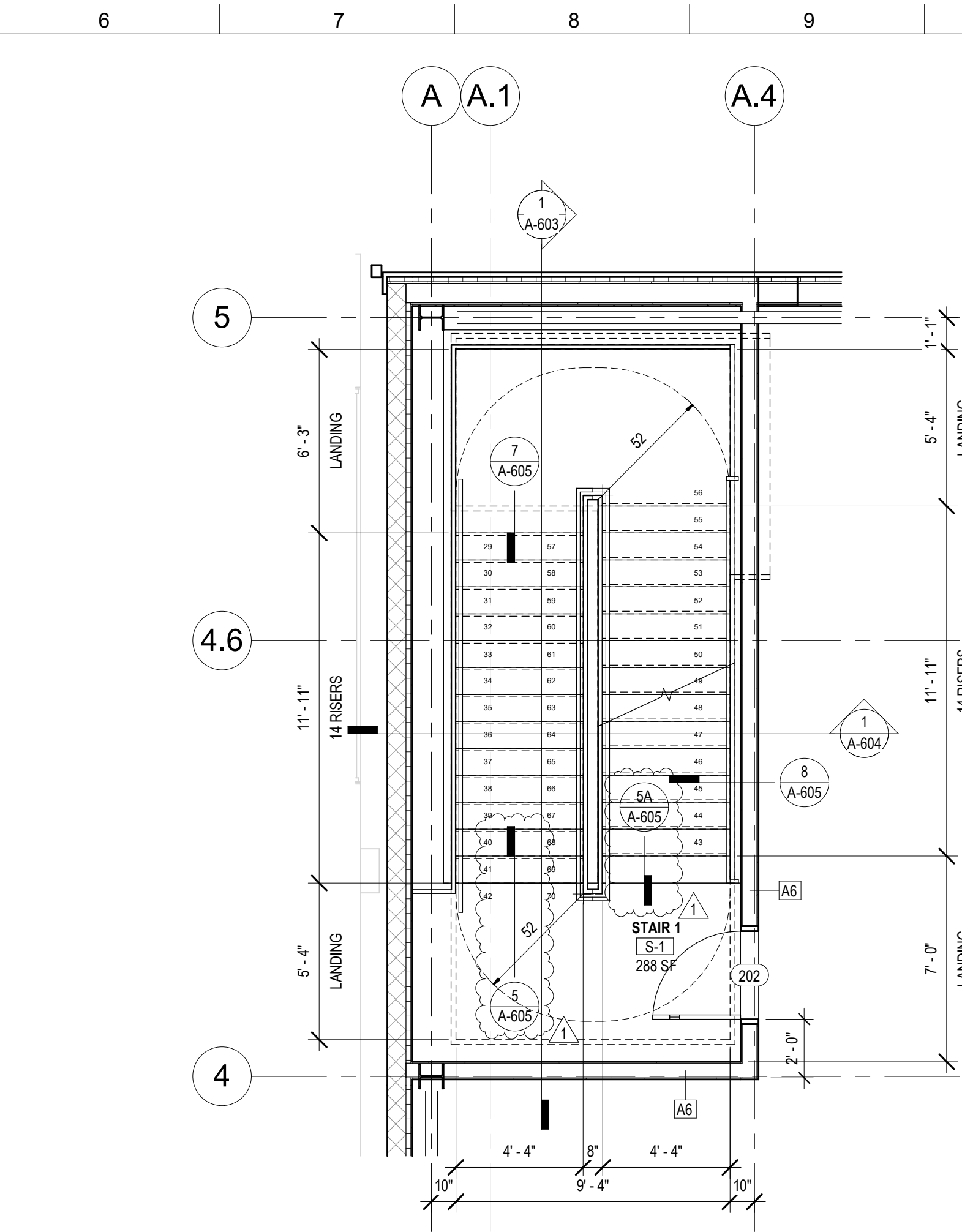
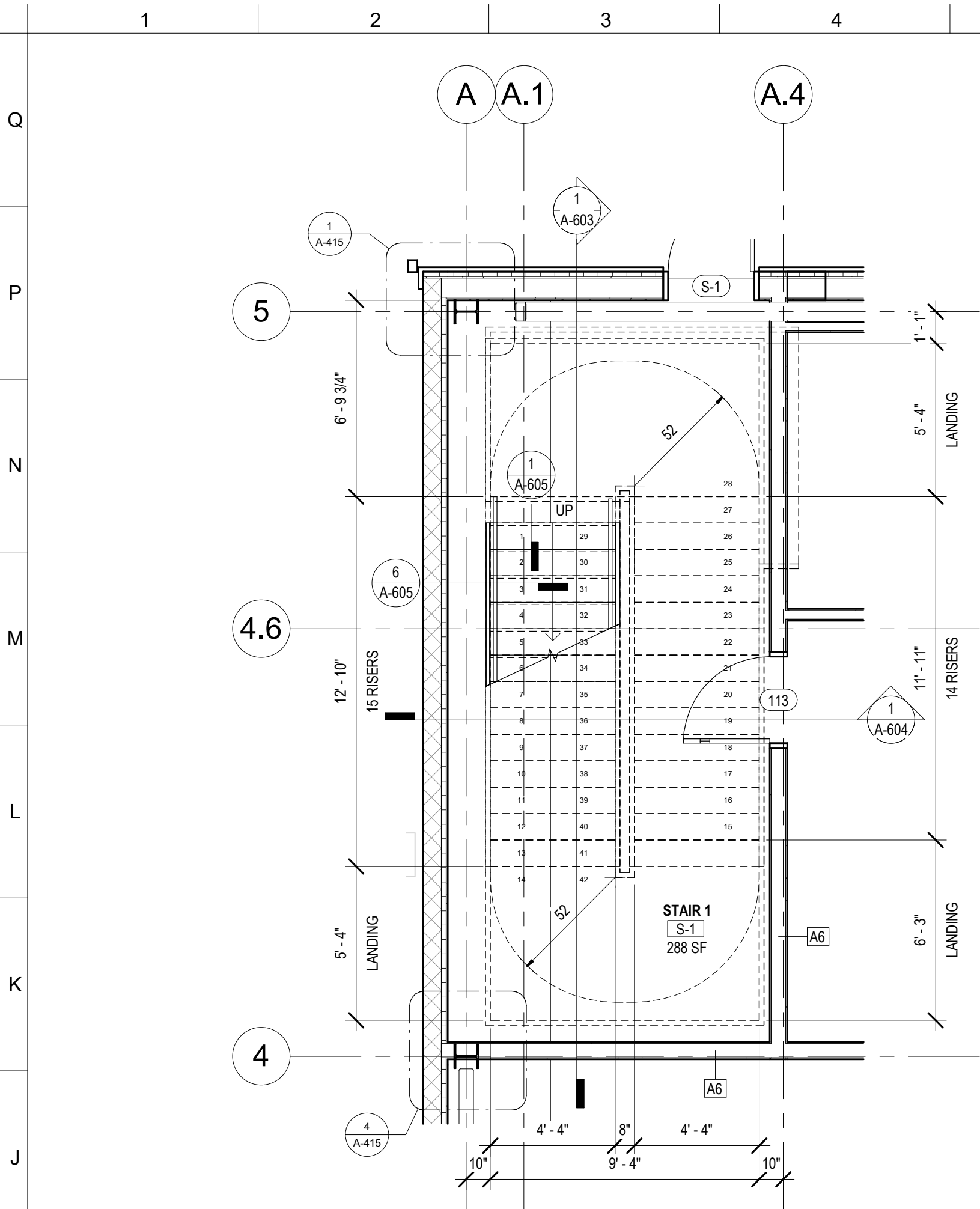
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CONSTRUCTION
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DRAWN BY	DATE 08.04.2025
SHEET TITLE CURTAIN WALL ELEVATIONS & DETAILS	
PROJECT NO.	SHEET NO.

12274

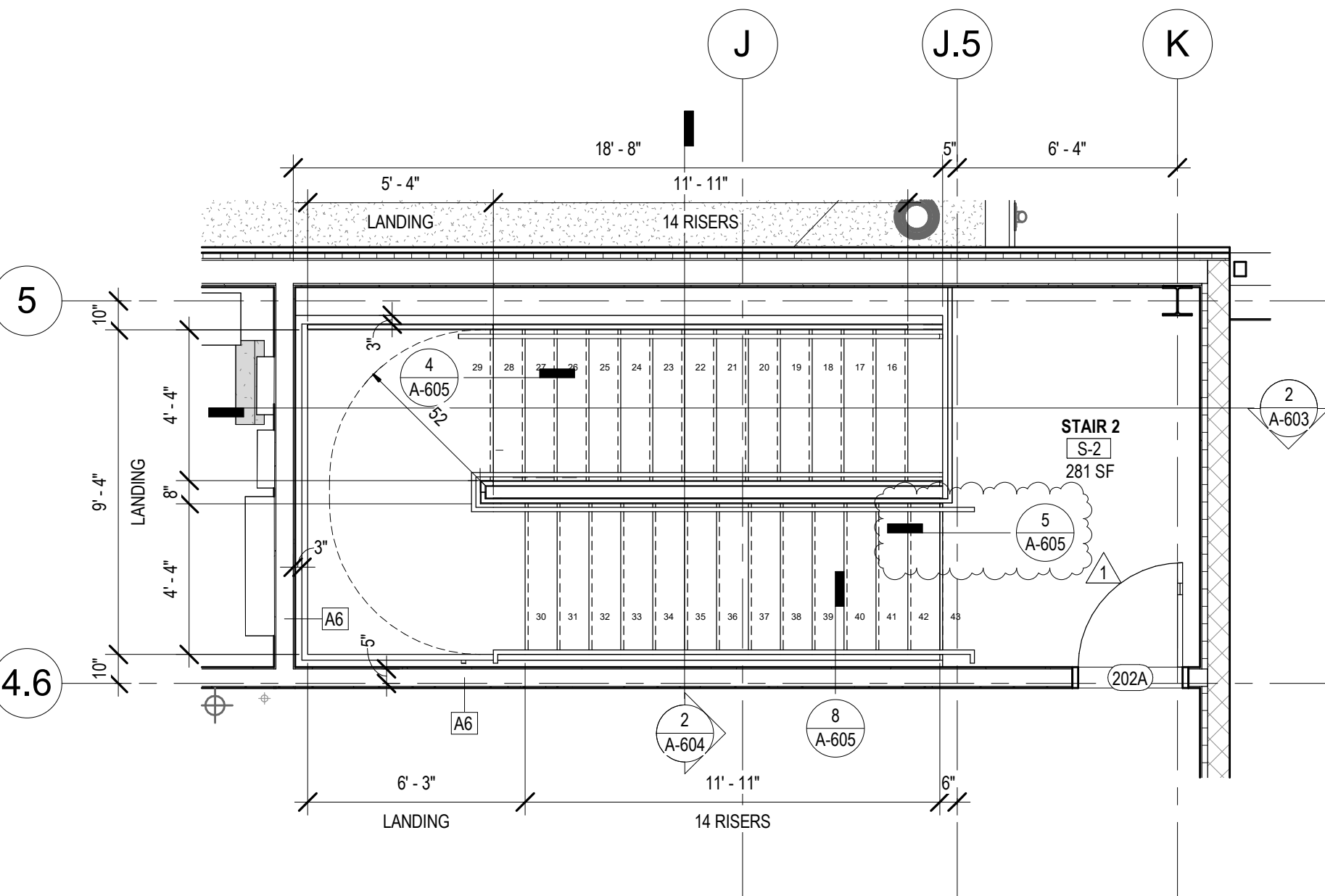
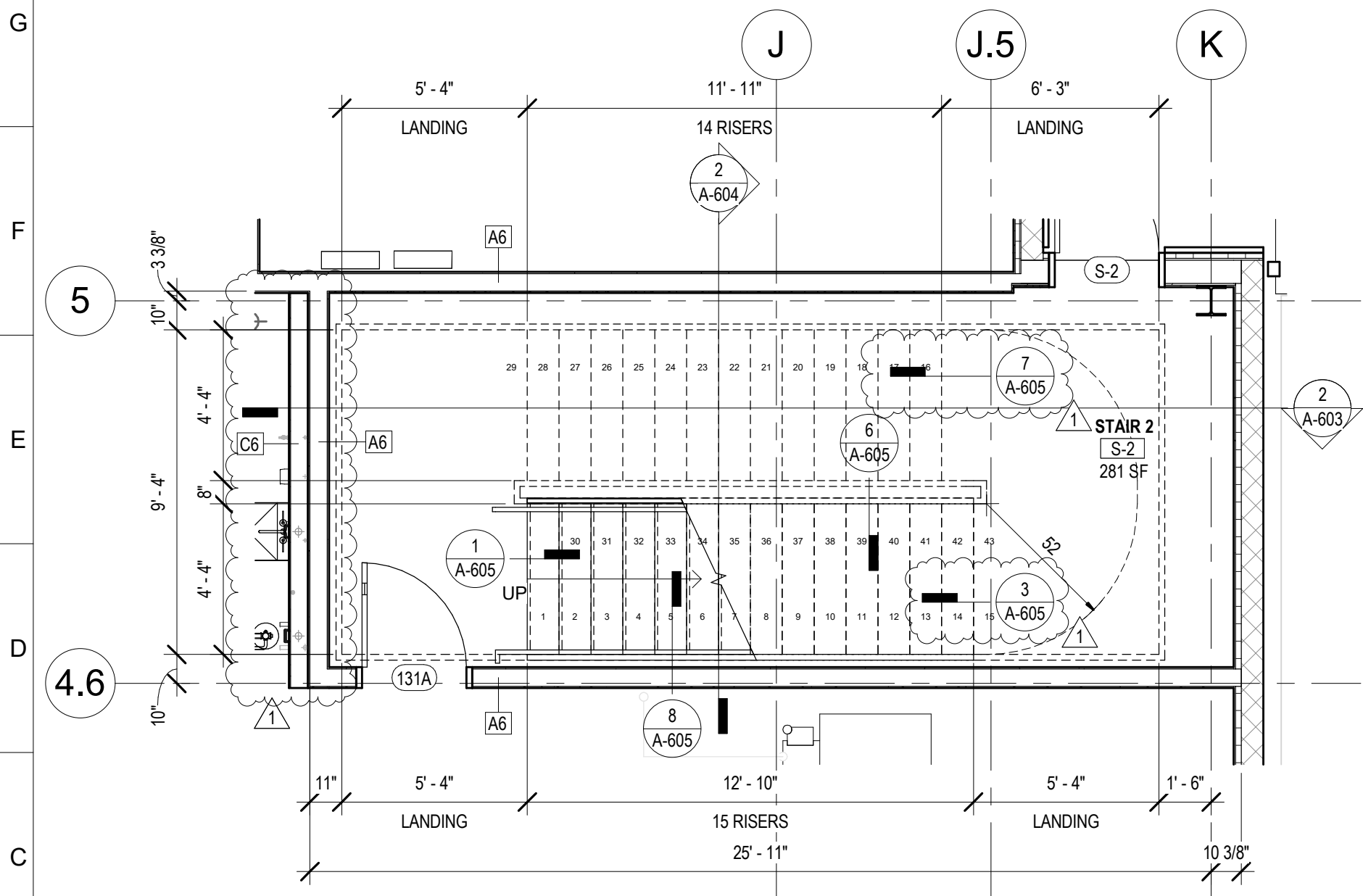
A-521



1 STAIR 1 PLAN - LEVEL 1
A-602 1/4" = 1'-0"

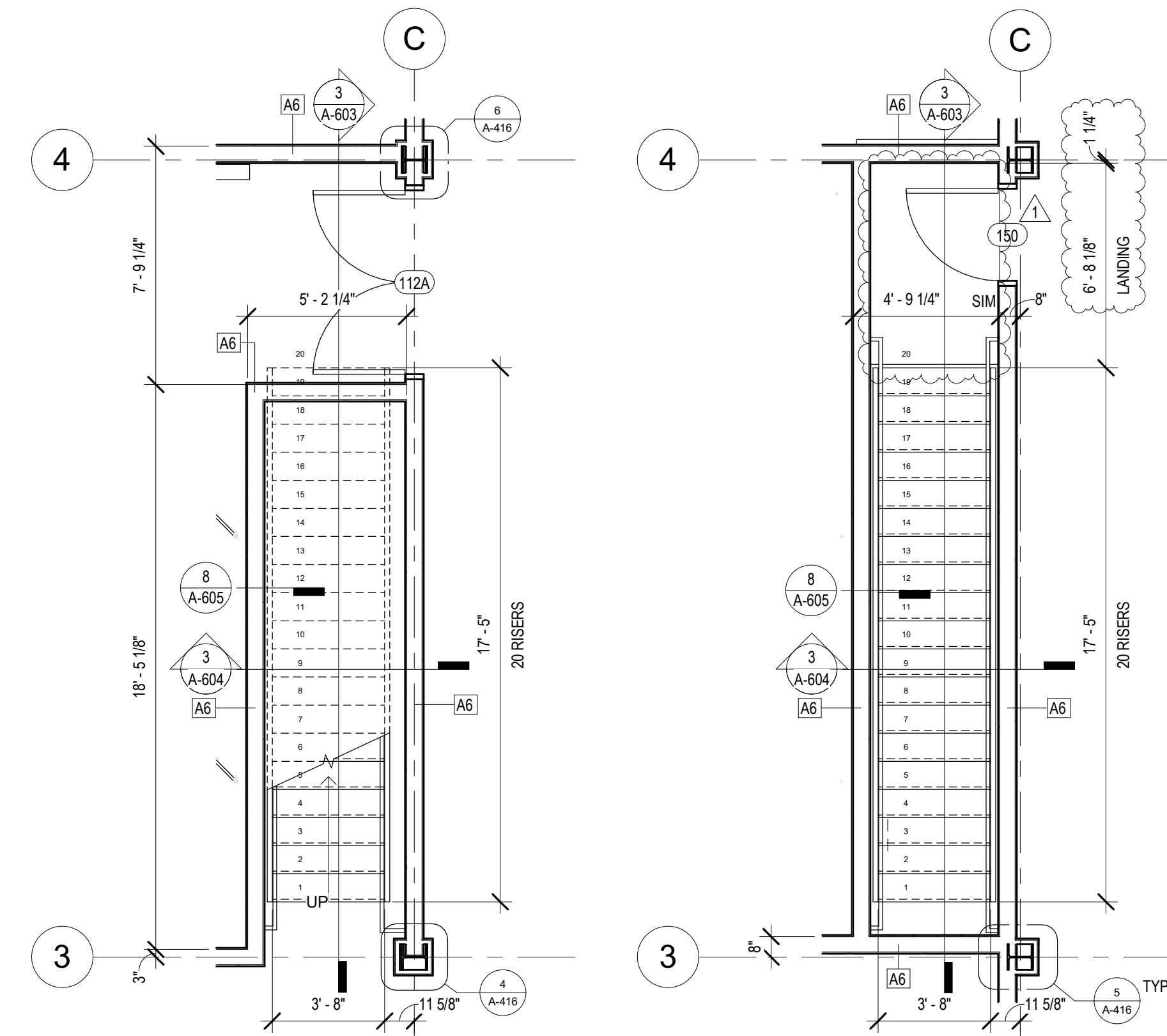
2 STAIR 1 PLAN - LEVEL 2
A-602 1/4" = 1'-0"

3 STAIR 1 PLAN - UPPER ROOF LEVEL
A-602 1/4" = 1'-0"



4 STAIR 2 PLAN - LEVEL 1
A-602 1/4" = 1'-0"

5 STAIR 2 PLAN - LEVEL 2
A-602 1/4" = 1'-0"



6 MEZZANINE STAIR - LEVEL 1 & MEZZANINE
A-602 1/4" = 1'-0"

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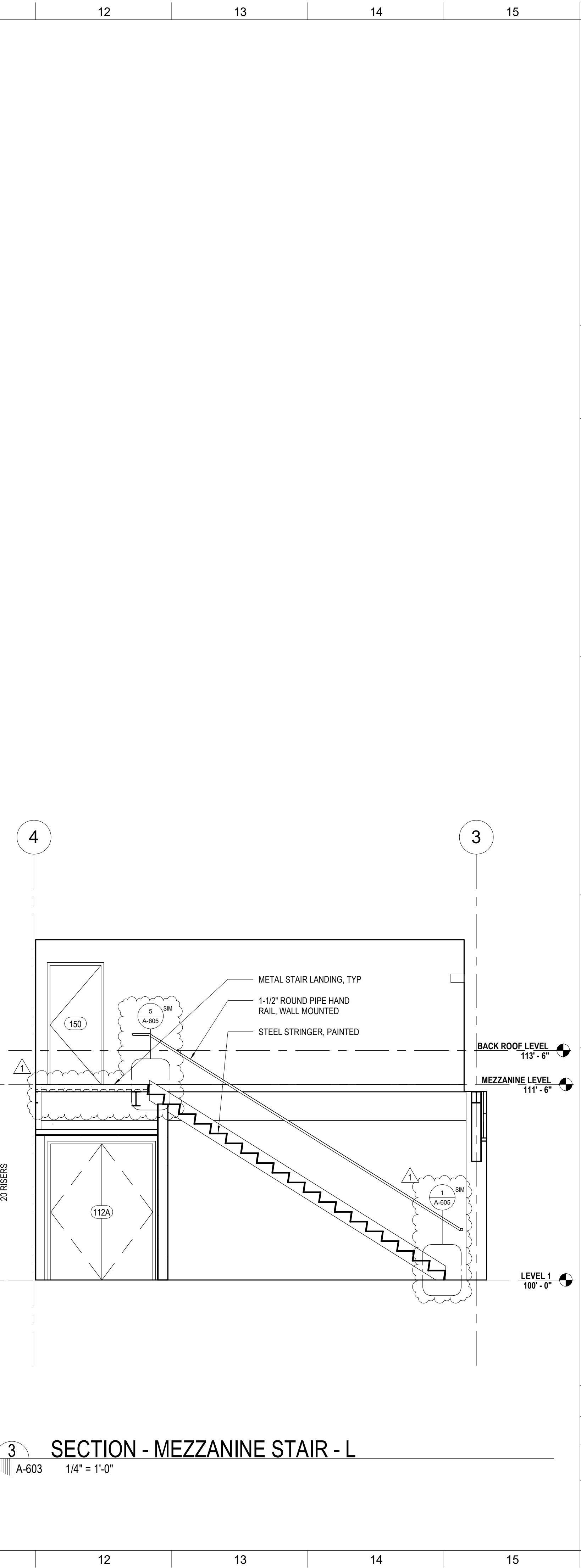
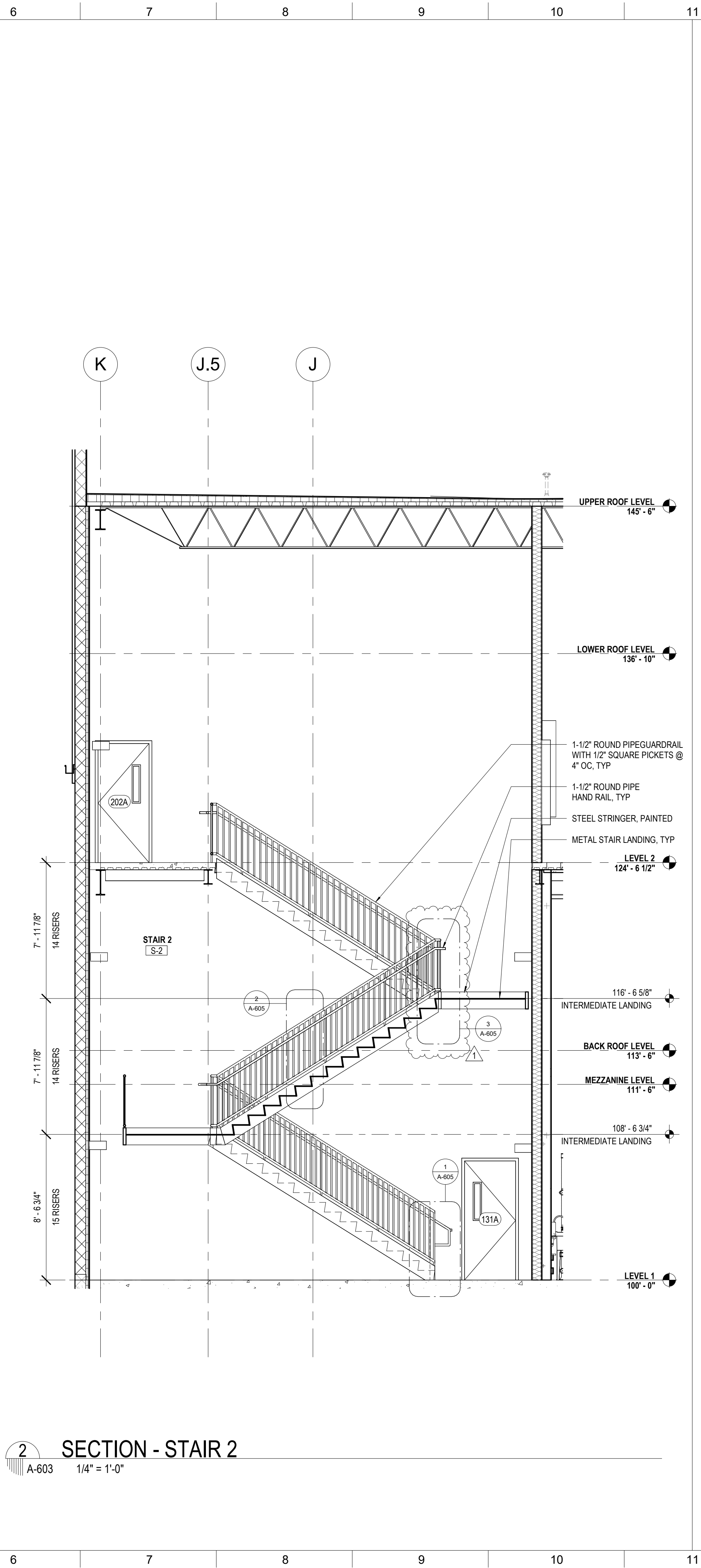
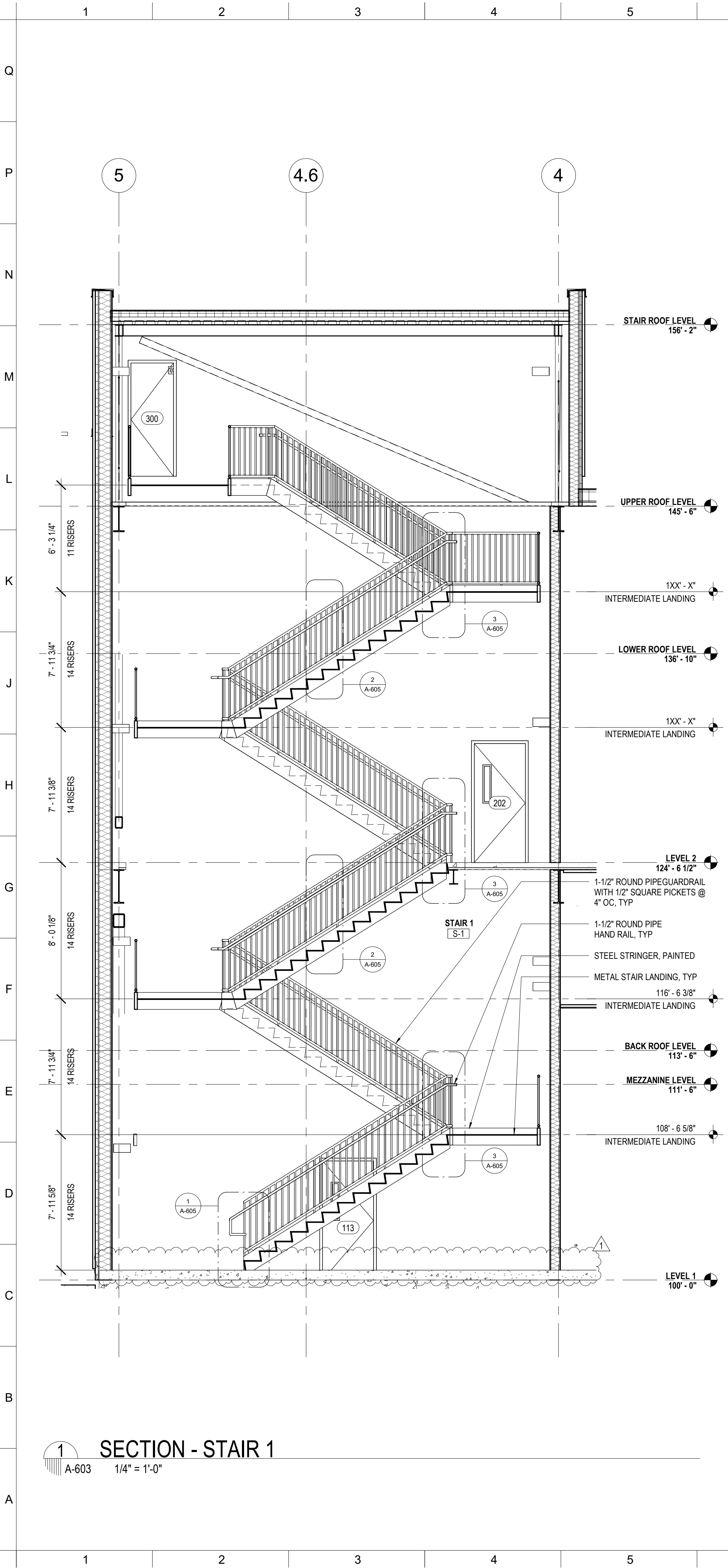
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SHEET TITLE EXIT & MEZZANINE STAIR PLANS	
PROJECT NO. 12274	SHEET NO. A-602



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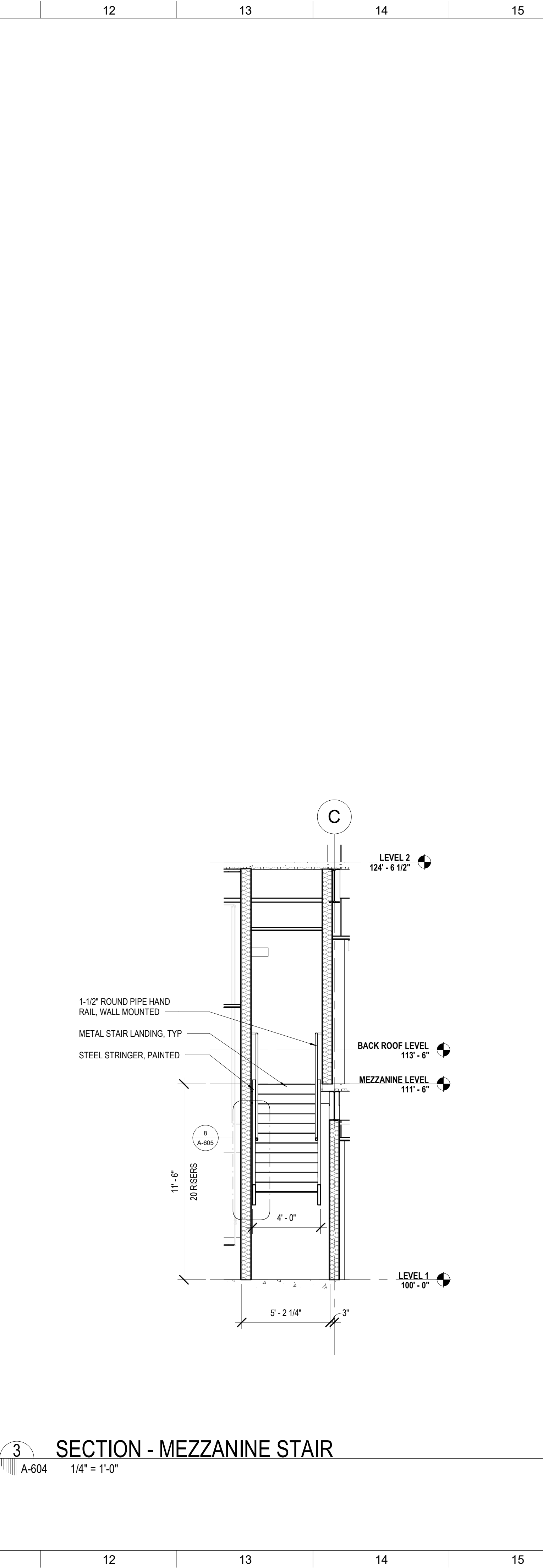
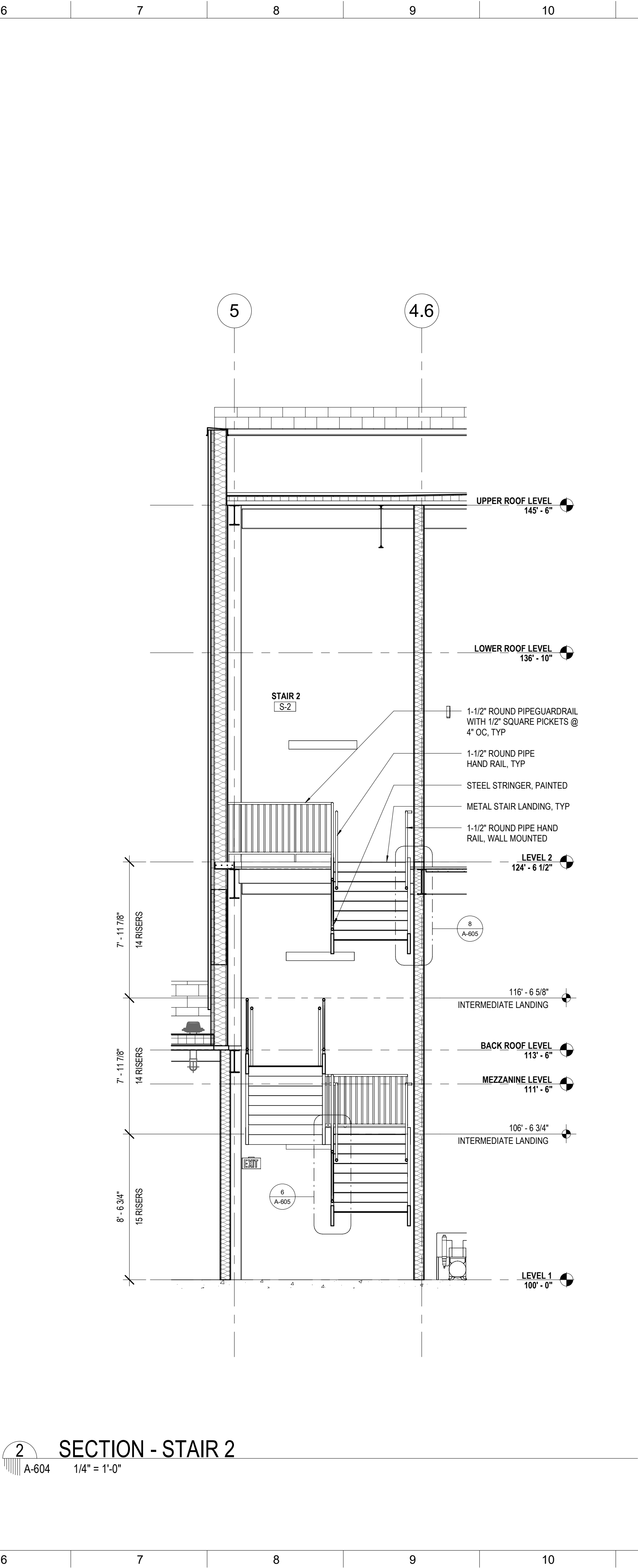
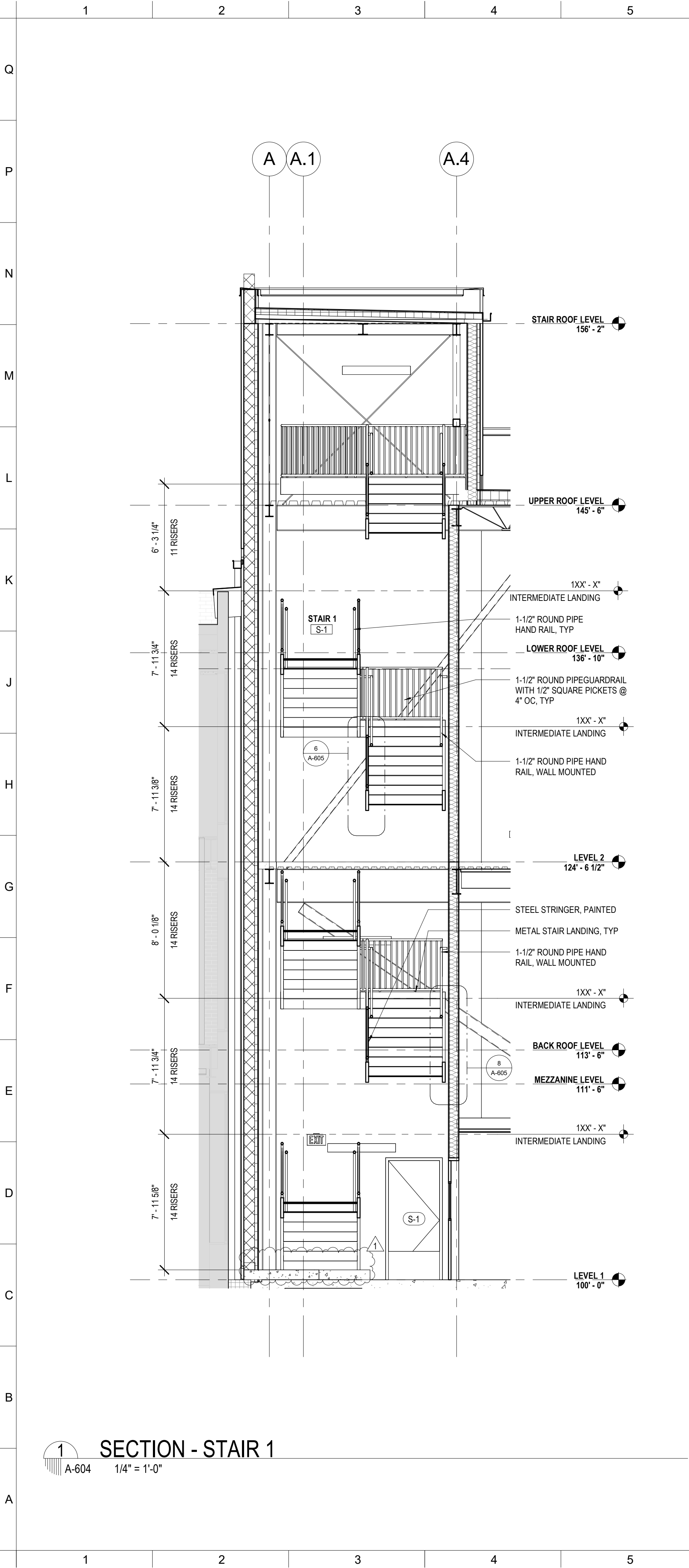
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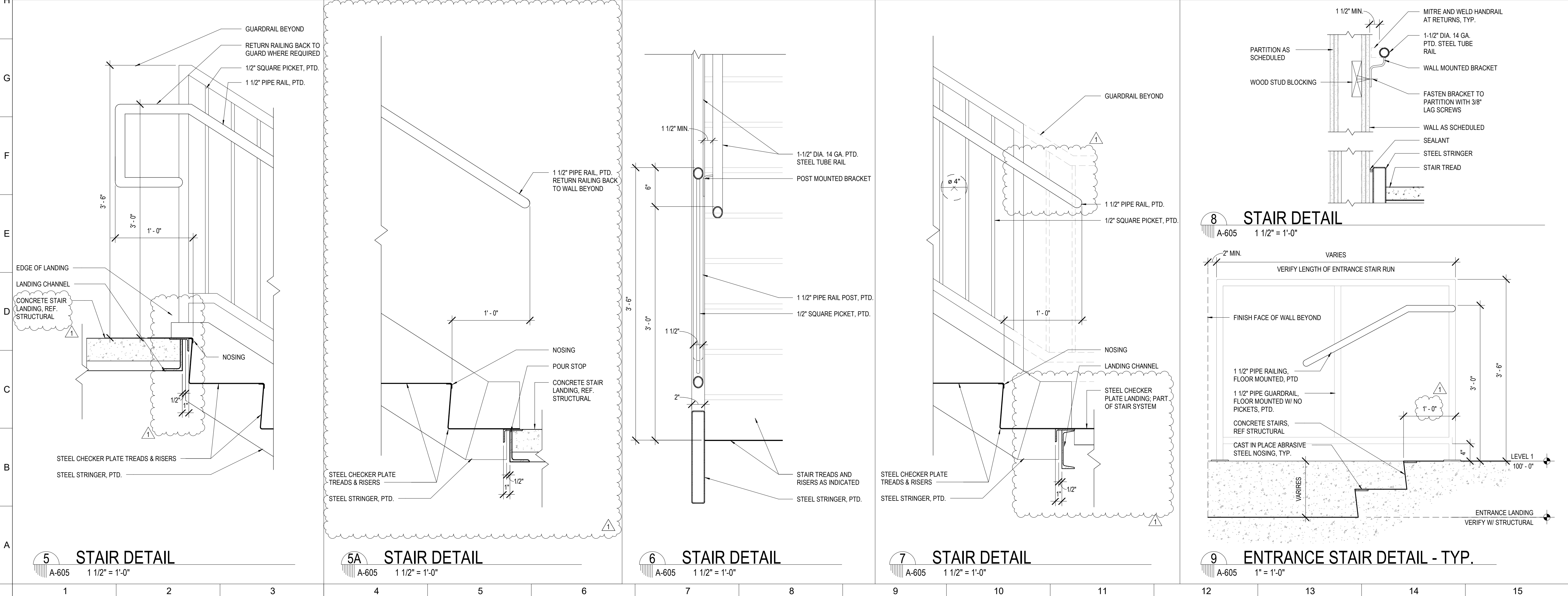
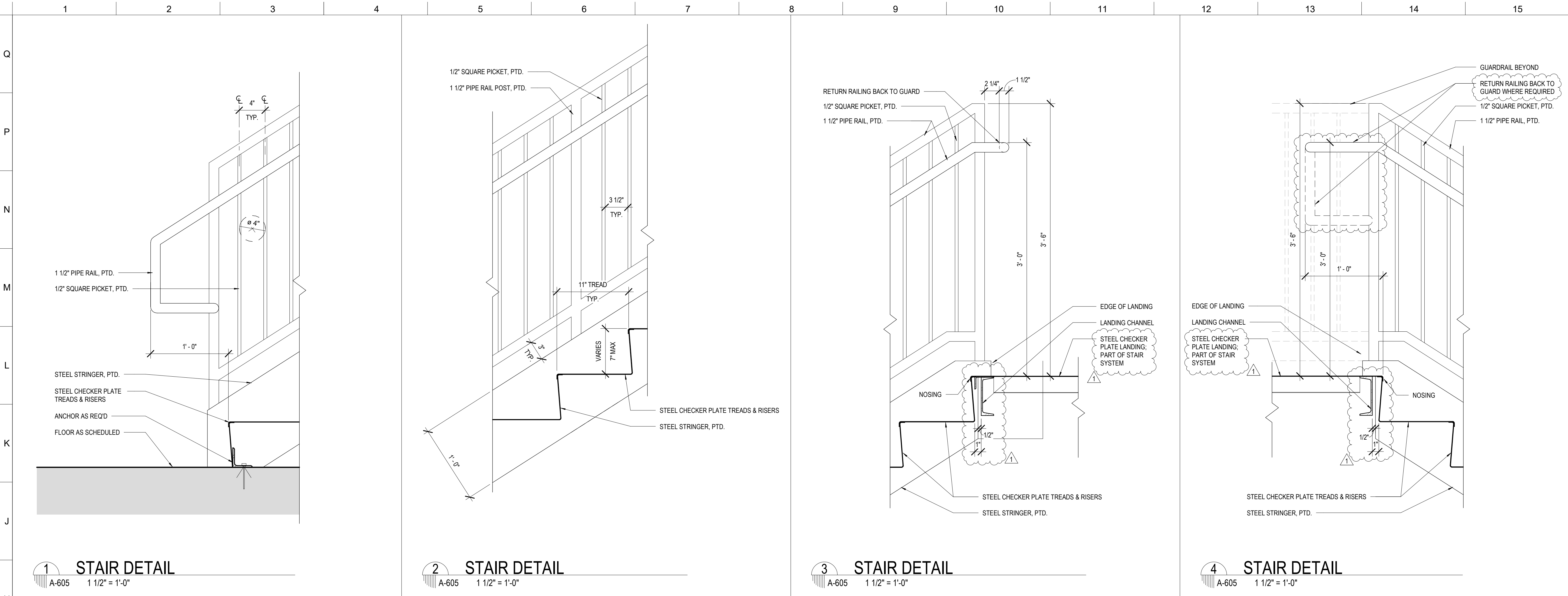
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SHEET TITLE EXIT & MEZZANINE STAIR SECTIONS	
PROJECT NO. 12274	SHEET NO. A-604



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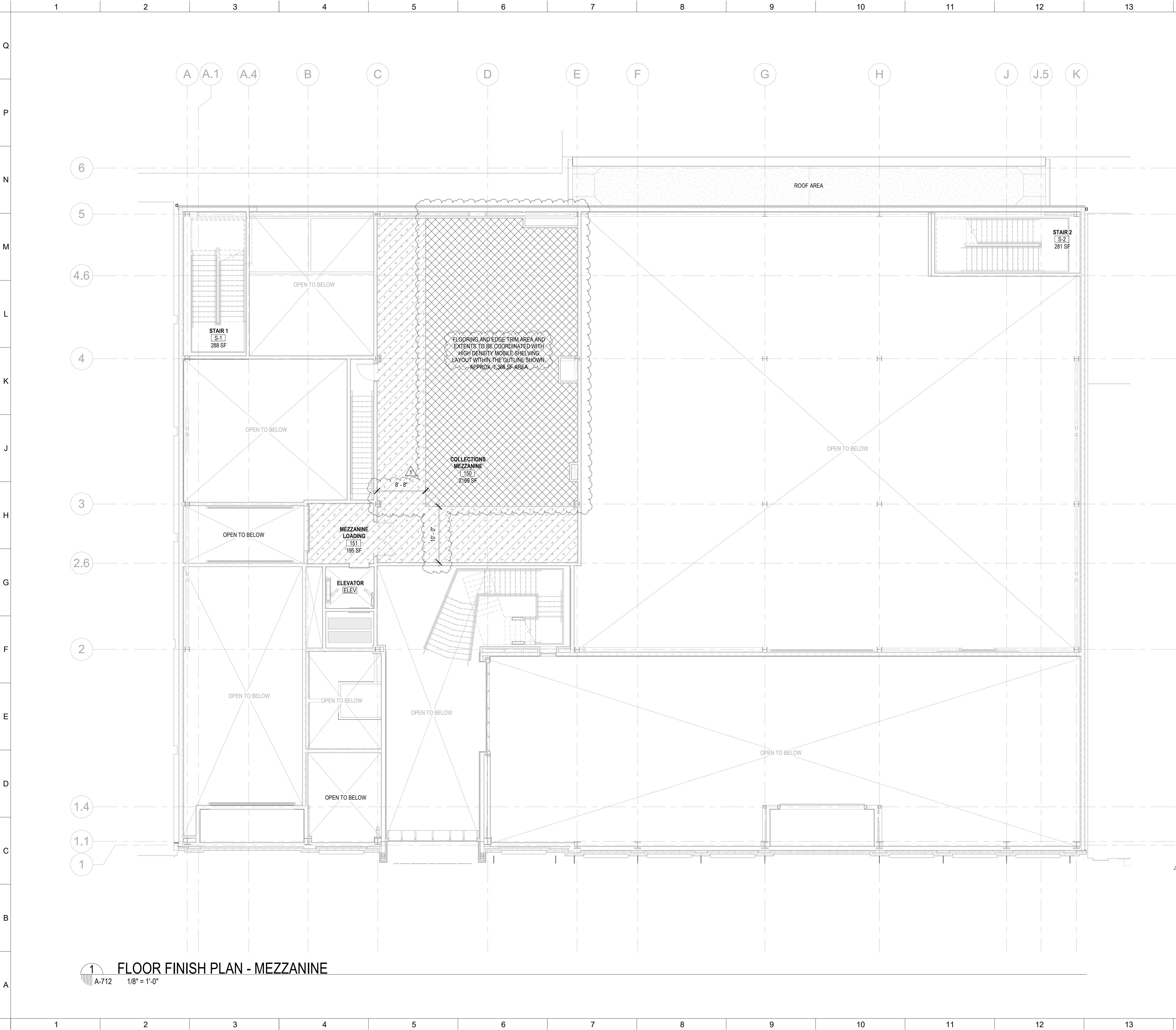
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SHEET TITLE STAIR DETAILS	
PROJECT NO. 12274	SHEET NO. A-605

[illegible]



1 FLOOR FINISH PLAN - MEZZANINE
A-712 1/8" = 1'-0"

FLOOR FINISH
PLAN LEGEND

	CARPET TILE, CPT-1
	FLOOR TILE, FT-1
	FLOOR TILE, FT-2
	TERRAZZO, TRZ-1
	SEALED CONCRETE, SC-1
	SEALED CONCRETE, SC-2
	RESINOUS FLOORING, RF-1
	FLOOR PAINT, FP-1
	MARMOLEUM FLOORING, RF-2

NOTES:

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SHEET TITLE FLOOR FINISH PLAN - MEZZANINE	
PROJECT NO. 12274	SHEET NO. A-712

Q

P

N

M

L

K

J

H

G

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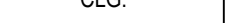
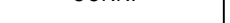
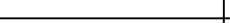
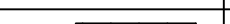
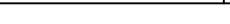
E

D

C

B

A

MECHANICAL				LEGEND			
SYMBOL	DESCRIPTION			SYMBOL	DESCRIPTION		
	CHILLED WATER SUPPLY				OUTSIDE AIR		
	CHILLED WATER RETURN				RETURN AIR		
	HEATING WATER RETURN				RETURN AIR GRILLE		
	HEATING WATER SUPPLY				SUPPLY AIR		
	CUBIC FEET PER MINUTE				TYPICAL		
	CEILING				VENT THRU ROOF		
	CONNECTION				HUMIDITY SENSOR		
	DOWN				TEMPERATURE SENSOR		
	EXHAUST AIR				VOLUME DAMPER		
	EXHAUST FAN				FLEX DUCT		
	1 1/2 HOUR UL 555 FIRE DAMPER				AIR CHAMBER (10" HIGH PIPE)		

6			7			8			9			10					
EXHAUST												FAN		SCHEDULE			
MARK	CFM	EXT. S.P.	MOTOR		DATA			DESCRIPTION									
			WATTS	VOLTS	PHASE	RPM											
EF-1	100	0.25	1/2HP	120	1	-	HAZARDOUS LOCATION TUBULAR INLINE FAN, POLYMER COMPOSITE ASSEMBLY, SPARK RESISTANT EC MOTOR, VARI-GREEN SPEED CONTROLLER										
							GREENHECK QEID FJ-12										
EF-2	168	1.25	78	120	1	2600	INLINE UL 705 LISTED DRYER EXHAUST FAN WITH PRESSURE SWITCH										
							FANTECH DEDPV-705										

- NOTES:
- SPEED CONTROLLERS SHALL BE PROVIDED FOR ALL FANS UNLESS NOTED OTHERWISE. MOUNT ON UNIT IN FIELD.
 - USE THE SPEED CONTROLLER TO BALANCE THE FAN CFM.

COMPUTER					ROOM				AC UNIT				SCHEDULE	
MARK	NOMINAL COOLING KW	HEATING CAP KW	OUTSIDE AIR CFM	EXT. S.P. IN W.C.	EVAP.	CAPACITY			COND.		UNIT		DESCRIPTION	
					CFM	HP/FUSE	VOLTS	PH.	FLA	VOLTS	PH.			
CRAC-1,2 CU CRAC-1,2	17.7	5.0	0	0.5	2000	1.5/20	460	3		3.2 20A FUSE	460	3	SPLIT SYSTEM DX COMPUTER ROOM AC UNIT WITH INDOOR UNIT, HOT GAS REHEAT, ELECTRIC HEAT,BACNET CONTROLLER, HUMIDIFIER, LEAK DETECTOR. STULZ OHS-060-AR/SCS-120-SAA	

ROOFTOP				AIR					UNIT					SCHEDULE		
MARK	TOTAL COOLING MBTUH	SENSIBLE COOLING MBTUH	TOTAL CFM	OUTSIDE AIR CFM	HEATING CAP KW	ENT AIR DB/ WB	LVG AIR DB/ WB	EXT SP IN W.C.	EVAP. CAPACITY			HOT GAS REHEAT		UNIT MCA FUSE	EER IEER	DESCRIPTION
									H.P.	VOLTS	PH.	LAT	CAPACITY(MBH)			
RTU-1,2,3	238	177	8000	800	57	-	-	1.0	5	480	3	-	-	99 100	11 14.2	PACKAGED ROOFTOP UNIT WITH ROOF CURB, 2-STAGES, ELECTRIC HEAT, HUMIDITY CONTROL WITH HGRH, HAIL GUARDS FRIEDRICH RACHYB240ADG602CAQA0G
RTU-4	114	84	4000	400	29	-	-	1.0	2.6	480	3	-	-	49 50	11.2 14.8	PACKAGED ROOFTOP UNIT WITH ROOF CURB, 2-STAGES, ELECTRIC HEAT, HUMIDITY CONTROL WITH HGRH, HAIL GUARDS FRIEDRICH RACDYB120ADG302CANB0
RTU-5	60	42	2000	220	10	-	-	1.0	1	480	3	-	-	20 20	13.4 SEER N/A	PACKAGED ROOFTOP UNIT WITH ROOF CURB, 2-STAGES, ELECTRIC HEAT, HUMIDITY CONTROL WITH HGRH, HAIL GUARDS FRIEDRICH RACCYB060ADU101CANB0

DUCTLESS					SPLIT				SYSTEM				SCHEDULE
MARK	NOMINAL CAP. BTUH	HEATING CAP. BTUH OUT	OUTSIDE AIR CFM	EXT. S.P. IN W.C.	EVAP.		CAPACITY		COND.		UNIT		DESCRIPTION
					CFM	WATTS	VOLTS	PH.	FLA	VOLTS	PH.		
AC-22	24200	25600	0	0	537	50	208	1	15.8				WALL MOUNT UNIT WITH CONDENSATE PUMP - LG ARNU243KS4
CU-B	24000	27000							30A FUSE		208	1	OUTDOOR HEAT PUMP - LG ARNU024GS4

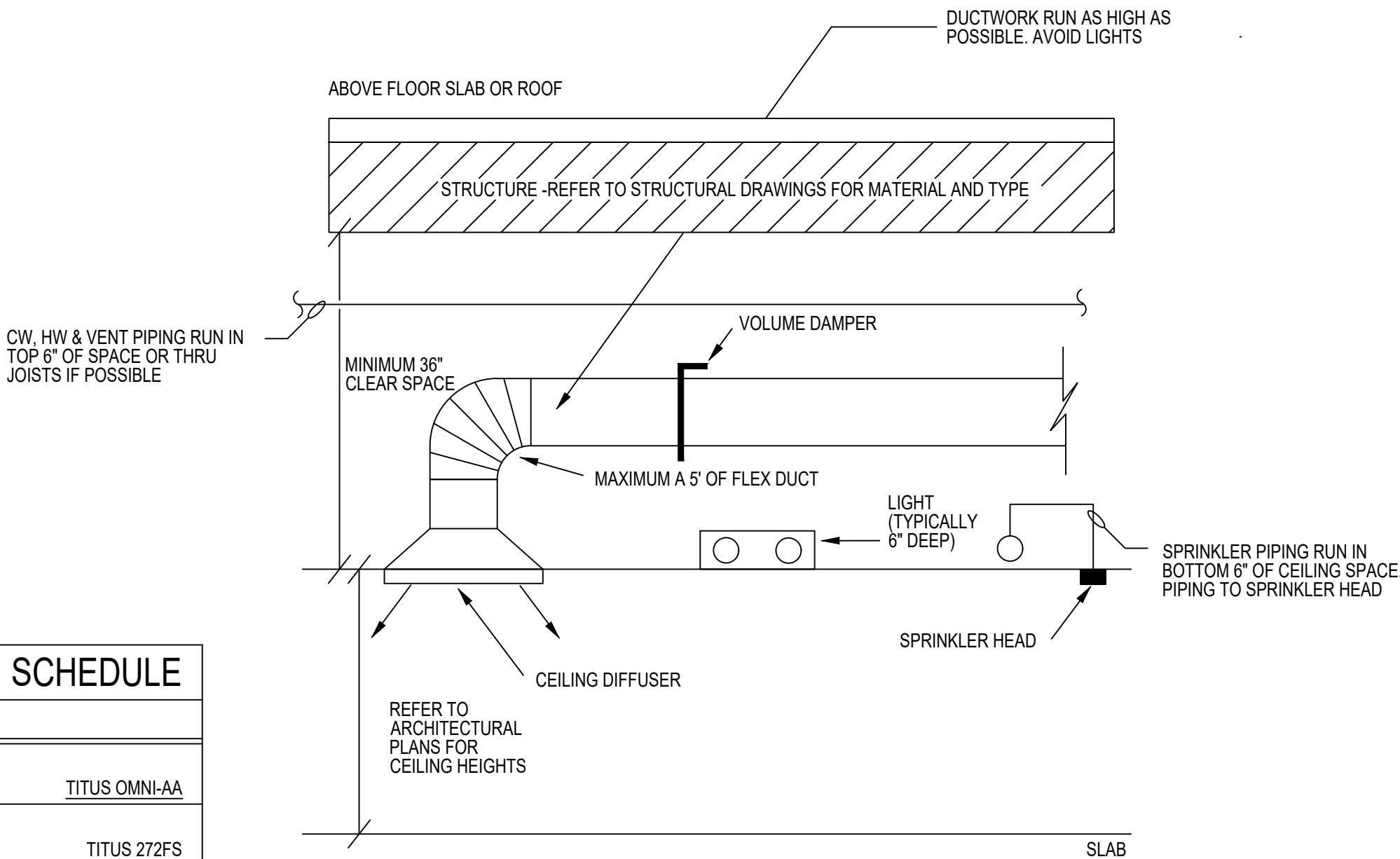
VRF INDOOR HEAT PUMP UNIT SCHEDULE											
Mark	Cooling BTUH	Heating BTUH	Outside Air CFM	Ext. S.P.	CFM	Watts	Volts	PH	Description		
AC-1,2,3,4,5,6,7,8,10,11,18,19,20	7,500	8,500	0	0	265	50	208	1	2'X2' CEILING CASSETTE		
AC-16,17,21,23	12,300	13,600	0	0	307	50	208	1	2'X2' CEILING CASSETTE		
AC-9,12,13,14,15	19,100	21,500	0	0	396	50	208.5	1	2'X2' CEILING CASSETTE		

OUTDOOR			HEAT		PUMP		SCHEDULE
MARK	NOMINAL COOLING BTUH	HEATING CAP. BTUH OUT	COND.		UNIT		DESCRIPTION
			FLA/FUSE		VOLTS	PH.	
HP-A	233100	243000	37.2/50		460	3	OUTDOOR HEAT PUMP - LG ARUM241DTE5

- NOTES:
- INSTALL INDOOR AND OUTDOOR AC UNITS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - INSULATE REFRIGERANT LINES.
 - ALL PIPING SHALL BE CONCEALED INSIDE THE BUILDING.
 - PROVIDE UNIT DDC CONTROLS AND THERMOSTATS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - OTHER APPROVED MANUFACTURERS: MITSUBISHI & DAIKIN.
 - RUN REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS.

DIFFUSER	GRILLE & REGISTER	SCHEDULE
MARK	DESCRIPTION	
D	ARCHITECTURAL PLAQUE ALUMINUM CEILING DIFFUSER WITH 4-WAY PATTERN, 24"X24" LAY-IN FRAME, ROUND NECK AND OFF WHITE FINISH. TITUS OMNI-AA	
S-1	ALUMINUM SIDEWALL DOUBLE DEFLECTION REGISTER WITH 3/4" BLADE SPACING TITUS 272FS	
R-1	PERFORATED ALUMINUM RETURN AIR GRILLE WITH 18"X18" SQUARE NECK FOR LAY-IN CEILING TITUS MODEL PAR-AA	
R-2	ALUMINUM SIDEWALL RETURN GRILLE WITH BLADES PARALLEL TO HORIZONTAL TITUS MODEL 3F	
E-1	PERFORATED ALUMINUM EXHAUST AIR GRILLE WITH ROUND NECK AND 12"X12" MODULE SIZE FOR SURFACE MOUNTING TITUS MODEL PAR-AA	
E-2	ALUMINUM AEROBLADE FILTER GRILLE WITH 3/4" BLADE SPACING, 45° DEFLECTION, BLADES PARALLEL TO LONG DIMENSION WITH 2" FILTER TITUS MODEL 3FFL	
FS-1	ALUMINUM AEROBLADE FILTER GRILLE WITH 3/4" BLADE SPACING, 45° DEFLECTION, BLADES PARALLEL TO LONG DIMENSION WITH 1" FILTER TITUS MODEL 3FFL	

- NOTES:
- PROVIDE PLASTER FRAME FOR DIFFUSERS/GRILLES IN SHEETROCK CEILINGS.
 - PROVIDE PLENUM BOX AT REAR OF ALL RETURN GRILLES SIZED FOR GRILLE NECK FOR CONNECTION OF RETURN DUCTS.
 - INSULATE BACK OF ALL DIFFUSERS. SEE DETAIL ON DRAWINGS OR AT CONTRACTOR'S OPTION PROVIDE FACTORY BACK PAN INSULATION.
 - ADJUST LOCATION OF DIFFUSERS AS REQUIRED FOR ANY LIGHT CONFLICTS.
 - PROVIDE INSULATED SUPPLY PLENUM FOR LINEAR DIFFUSERS SIZED FOR SUPPLY DUCT ATTACHMENT.



MECHANICAL SYSTEMS ABOVE CEILING ROUTING DETAIL

- NOTES:
- ALL MECHANICAL ITEMS SHALL BE COORDINATED WITH CEILING, STRUCTURE, HVAC, PLUMBING, LIGHTS AND SPRINKLER. PROVIDE COORDINATION DRAWINGS PER 230600.
 - WHERE DUCTWORK AND PIPING CROSS, OFFSET AS REQUIRED TO AVOID CONFLICT. DUCTWORK MAY BR TRANSITIONED AND RUN WITH LESS HEIGHT AS LONG AS A MAXIMUM 3:1 RATIO IS MAINTAINED.
 - STORM DRAIN, CONDENSATE DRAIN AND SEWER PIPING SHALL BE RUN AT A 1/2° SLOPE. COORDINATE PIPING RUNS ABOVE CEILING TO AVOID CONFLICT WITH DUCTWORK. 1/2° SLOPE MAY BE USED IF REQUIRED.
 - ALL PIPING AND DUCTWORK ABOVE CEILING SHALL BE SUSPENDED FROM STRUCTURE PER SPECIFICATIONS, MANUFACTURER'S RECOMMENDATION OR BEST INDUSTRY PRACTICE.
 - ALL CW, HW, HORIZONTAL STORM DRAIN, CONDENSATE, HWC, AND SEWER PIPING RECEIVING AC CONDENSATE SHALL BE INSULATED. PVC, SEWER AND STORM PIPING IN PLENUM CEILINGS SHALL BE INSULATED WITH 1/2" PIPE INSULATION. SEE SPECIFICATIONS FOR ALL INSULATION REQUIREMENTS.
 - ALL DUCTWORK SHALL BE EXTERNALLY WRAPPED WITH 2" THICK FIBERGLASS. 1" INTERNAL LINER MAY BE USED WHERE DUCT CONFLICTS EXIST.
 - SPRINKLER PIPING SHALL BE INSTALLED PER NFPA - 13 AND COORDINATED WITH OTHER BUILDING SYSTEMS. IF ABOVE CEILING STRUCTURE IS COMBUSTIBLE PROVIDE SPRINKLER HEADS ABOVE CEILING AS REQUIRED BY NFPA - 13.
 - PROVIDE ACCESS TO ALL ABOVE CEILING DAMPER, VALVES AND EQUIPMENT. WHERE CEILINGS ARE NOT ACCESSIBLE PROVIDE ACCESS PANELS AND CABLE REMOTE OPERATED VOLUME DAMPERS.



DOAS-1

Printed Date: 06/06/2025
Job: VVWII 1060 Magazine
Mark: ERU ASHP
Model: VXE-112-30D-5A-1-A2

VXE-112-30D-5A-1-A2

Unit Performance										
Design Conditions										
Elevation (ft)	Summer DB (F) WB (F)		Winter DB (F)	Supply (CFM)	Outdoor Air (CFM)	Exhaust Air (CFM)				
20	95.0	80.0	25.0	1,100	1,100	1,100				
Unit Specifications										
Qty	Weight (lb)	Cooling Type	Primary Heating Type	Secondary Heating Type	Unit Installation	Unit ETL Listing				
1	3,167 (+/- 5%)	Air-Source Heat Pump	Air-Source Heat Pump	Electric	Outdoor	UL/cUL 1995/ 60335-2-40				
Configuration										
Outdoor Air			Exhaust Air							
Intake		Discharge	Intake		Discharge					
End		Bottom	Bottom		Side					
ASHRAE 90.1 Compliance										
ASHRAE 90.1 Min. Efficiency			Calculated Efficiency		Compliance					
ISMRE2 (ASHRAE 90.1-2022)			8.5		✓					
ISCOP2 (ASHRAE 90.1-2022)			3.91		✓					
Enthalpy Recovery Ratio (%)			73.71		✓					
Energy Recovery Performance										
Design Condition	Temperature (F)						Capacity Reduction (BTU/h)			
	Outdoor Air		Supply Air		Return Air					
	DB	WB	DB	WB	DB	WB/RH				
Summer	95.0	80.0	79.7	67.9	75.0	62.5/50	90.3	76.0	56171.62	
Winter	25.0	20.7	59.9	48.0	72.0	55.8/35	36.0	31.0	41427.30	
Cooling Specifications										
Type	Total Capacity (MBH)		Sensible Capacity (MBH)		Coil (DB/WB)		Reheat			
	EAT (F)	LAT (F)	EAT (F)	LAT (F)	Capacity (MBH)	LAT (F)				
Air-Source Heat Pump	63.0		36.5		79.7 / 67.9	48.1 / 48.0	44.9	86.3		
Primary Heat Specifications										
Type	Total Capacity (MBH)		Dry Bulb Temperatures							
	EAT (F)	LAT (F)	Ambient Outdoor Air (F)							
Air-Source Heat Pump	42.5		59.9	96.0						
25.0										
Secondary Heat Specifications										
Type	Capacity (kW)	Full Load Amps (FLA)	Capacity Control	Performance (w/ASHP)		Performance (w/o ASHP)				
	EAT (F)	LAT (F)	EAT (F)	LAT (F)	EAT (F)	LAT (F)				
Electric	15.0	18.8	Modulating (SCR)	96.0	139.1	59.9	103.0			
Motor Specifications										
Motor	Qty	Operating Power (hp)	Size (hp)	Enclosure	Efficiency	RPM				
Supply	1	0.72	1	ODP	NEMA Premium	1150				
Exhaust	1	0.71	1	ODP	NEMA Premium	1150				
Electrical Specifications										
Power Supply	Rating (V/C/P)	MCA (A)	MOP (A)	FLA (A)	Fan Power (W/CFM)*					
Unit	460/60/3	41.1	45.0	34.1	0.969					
*Fan Power (W/CFM) = (Supply BHP + Exhaust BHP) / Supply CFM										

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Page 1 of 54



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No.	Description	Date
1	ADDENDUM 1	08.22.2025

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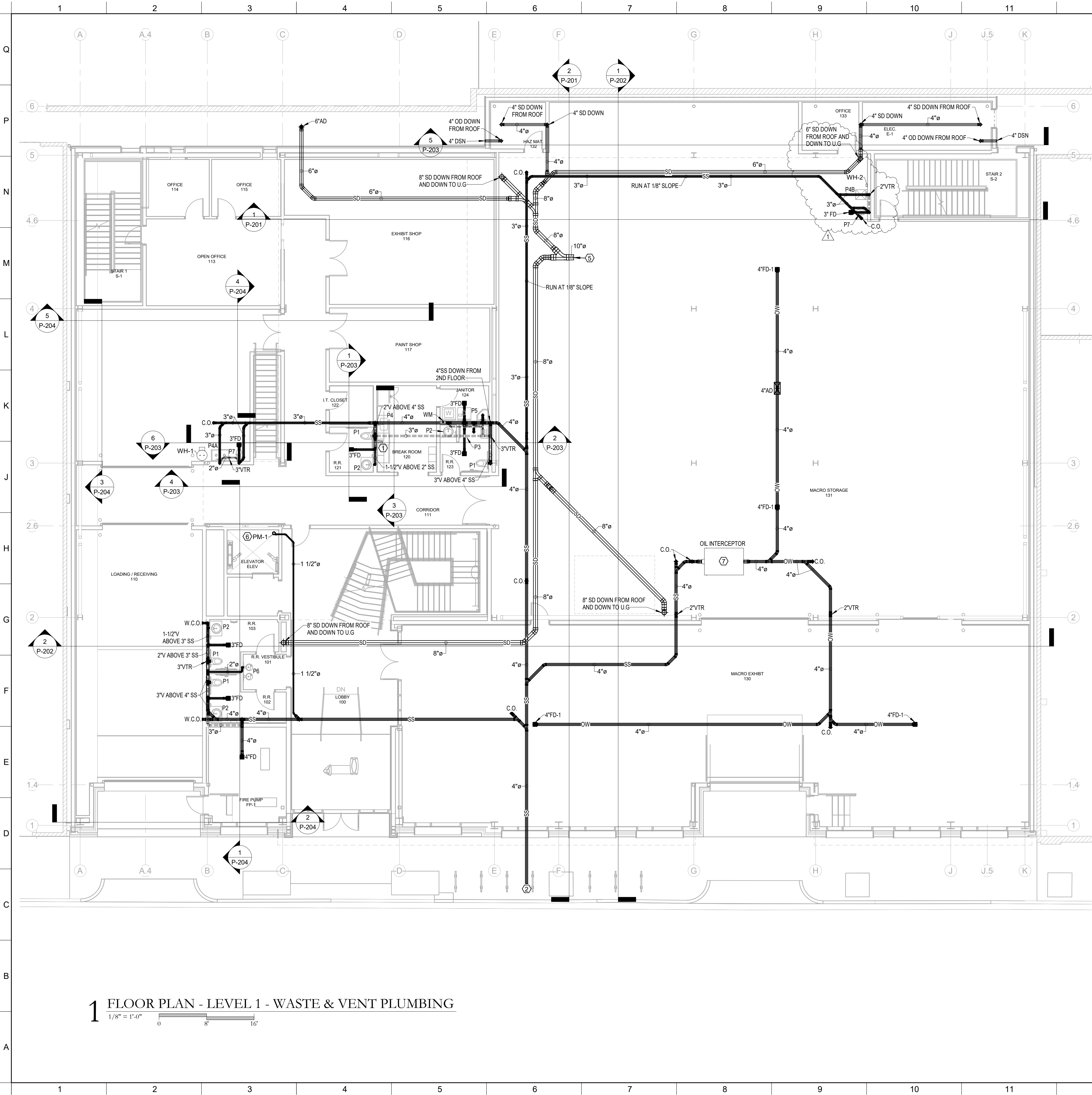
PROJECT TITLE

FLOYD EDUCATION
& COLLECTIONS
PAVILION

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION
DOCUMENTS

DESIGNED BY JTC, BGL, JTCJR	CHECKED BY JTC
DRAWN BY BGL	DATE 08.04.2025
SHEET TITLE MECHANICAL SCHEDULES	
PROJECT NO. 12274	SHEET NO. M-301



1 FLOOR PLAN - LEVEL 1 - WASTE & VENT PLUMBING
1/8" = 1'-0"

PLUMBING GENERAL NOTES THIS SHEET:

1. ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
2. VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
3. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
4. INSULATE HORIZONTAL RUN OF WASTE PIPING RECEIVING A/C CONDENSATE.
5. INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
6. ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
7. ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
8. PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVICING FIXTURES.
9. PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
10. MINIMUM VENT THROUGH ROOF SHALL BE 2".
11. ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE, FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
12. ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
13. FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
14. FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
15. PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
16. ALL LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLOR MODEL 570 WITH 3/4" FITTINGS.
17. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.

SPECIFIC NOTES THIS SHEET:

- ① CONNECT WASTE & WATER FROM DISHWASHER TO SINK.
- ② SEE CIVIL FOR CONTINUATION.
- ③ REDUCED PRESSURE BACKFLOW PREVENTER.
- ④ VERTICAL CHECK VALVE ASSEMBLY.
- ⑤ CONNECT 10" INTERNAL UNDERGROUND STORM DRAIN TO DETENTION SYSTEM. SEE CIVIL PLANS FOR EXACT LOCATION.
- ⑥ ELEVATOR SUMP PUMP. SEE DETAIL ON SHEET P-302.
- ⑦ OIL INTERCEPTOR. SEE DETAIL ON SHEET P-302.



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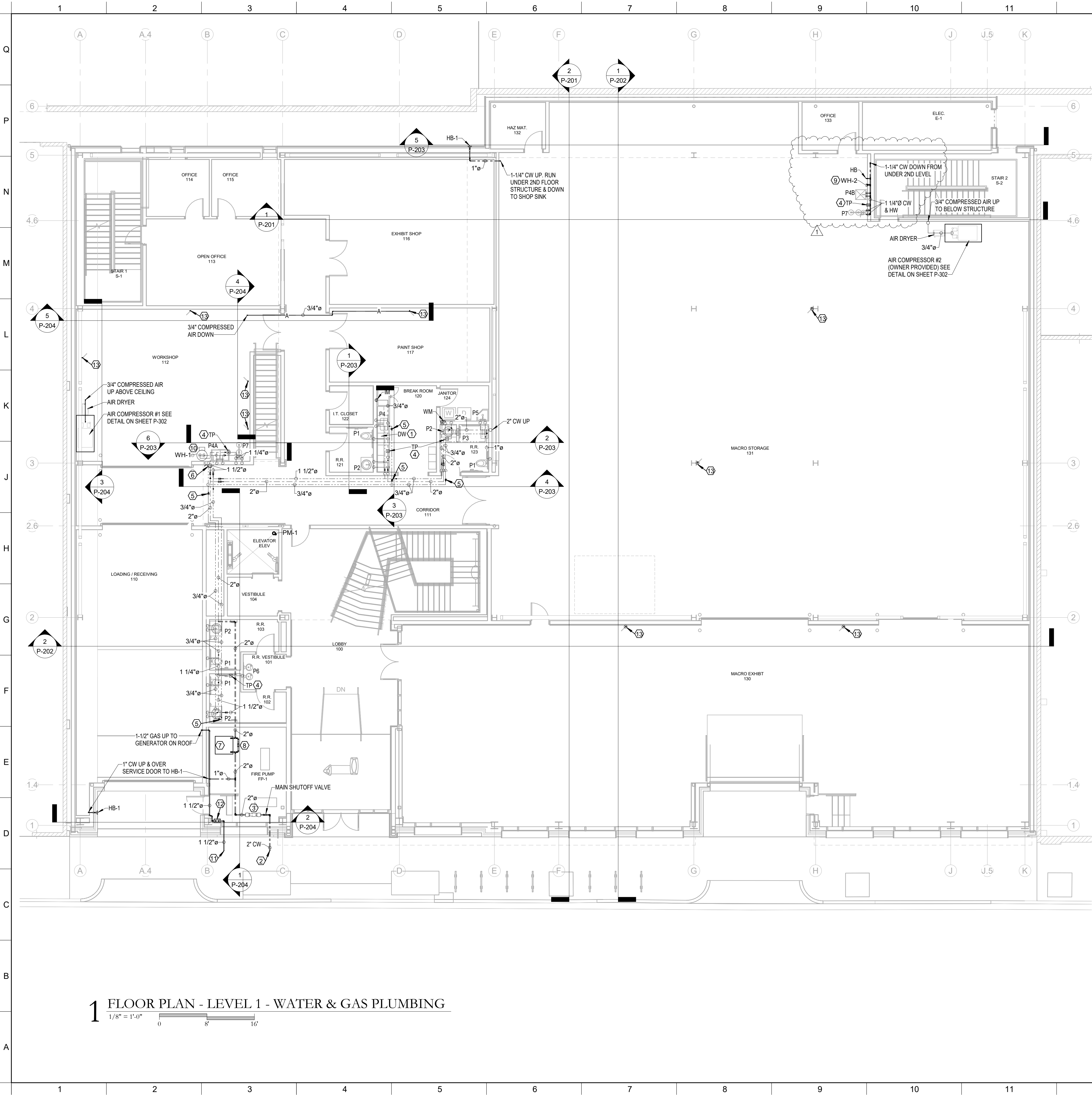
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DRAWN BY BGL	DATE 08.04.2025
SHEET TITLE FLOOR PLAN - LEVEL 1 - PLUMBING	
PROJECT NO. 12274	SHEET NO. P-101A



1 FLOOR PLAN - LEVEL 1 - WATER & GAS PLUMBING
1/8" = 1'-0"

- PLUMBING GENERAL NOTES THIS SHEET:**
1. ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 2. VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 3. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 4. INSULATE HORIZONTAL RUN OF WASTE PIPING RECEIVING A/C CONDENSATE.
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 12. ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 13. FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 14. FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 15. PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 16. ALL LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLER MODEL 570 WITH 3/4" FITTINGS.
 17. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.

- SPECIFIC NOTES THIS SHEET:**
- ① CONNECT WASTE & WATER FROM DISHWASHER TO SINK.
 - ② SEE CIVIL FOR CONTINUATION.
 - ③ REDUCED PRESSURE BACKFLOW PREVENTER.
 - ④ TRAP PRIMER. SEE DETAIL ON SHEET P301. RUN 1/2" TRAP PRIMER LINE DOWN WALL TO UNDERGROUND TO FLOOR DRAIN(S).
 - ⑤ HWC BALANCE COCK. SET @ 0.5 GPM.
 - ⑥ CONTINUE HWC TO RECIRCULATING PUMP. SEE DETAIL ON SHEET P-302.
 - ⑦ DOMESTIC BOOSTER PUMP. SEE DETAIL ON SHEET P-302 & 15400.
 - ⑧ BOOSTER PUMP BYPASS LINE WITH BALL VALVE (NORMALLY CLOSED).
 - ⑨ POINT OF USE ELECTRIC WATER HEATER. MOUNT ON WALL BELOW SINK.
 - ⑩ ELECTRIC STORAGE WATER HEATER. SEE DETAIL ON SHEET P-302.
 - ⑪ TO GAS UTILITY.
 - ⑫ GAS METER. 1800 CFH @ 5 PSI.
 - ⑬ COMPRESSED AIR DROP WITH BALL VALVE AND QUICK CONNECT FITTING.



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PROJECT TITLE

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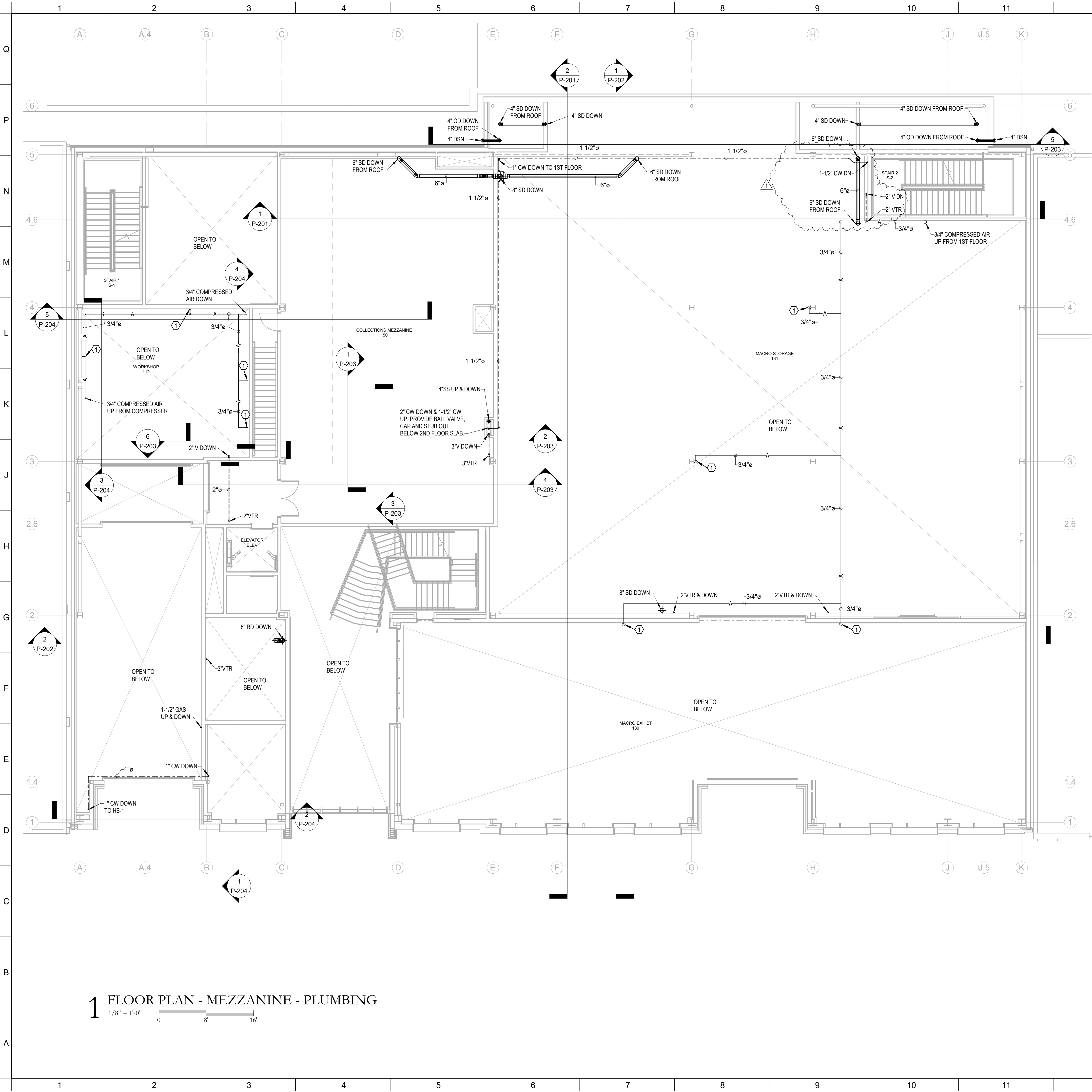
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**CONSTRUCTION
DOCUMENTS**

DESIGNED BY JTC, BGL, JTCJR	CHECKED BY JTC
DRAWN BY BGL	DATE 08.04.2025

SHEET TITLE FLOOR PLAN - LEVEL 1 - PLUMBING
--

PROJECT NO. 12274	SHEET NO. P-101B
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- PLUMBING GENERAL NOTES THIS SHEET:**
1. ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 2. VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 3. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 4. INSULATE HORIZONTAL RUN OF WASTE PIPING RECEIVING A/C CONDENSATE.
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 7. ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 8. PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVICING FIXTURES.
 9. PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 10. MINIMUM VENT THROUGH ROOF SHALL BE 2".
 11. ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE, FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 12. ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 13. FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 14. FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 15. PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 16. ALL LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLER MODEL 570 WITH 3/4" FITTINGS.
 17. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.

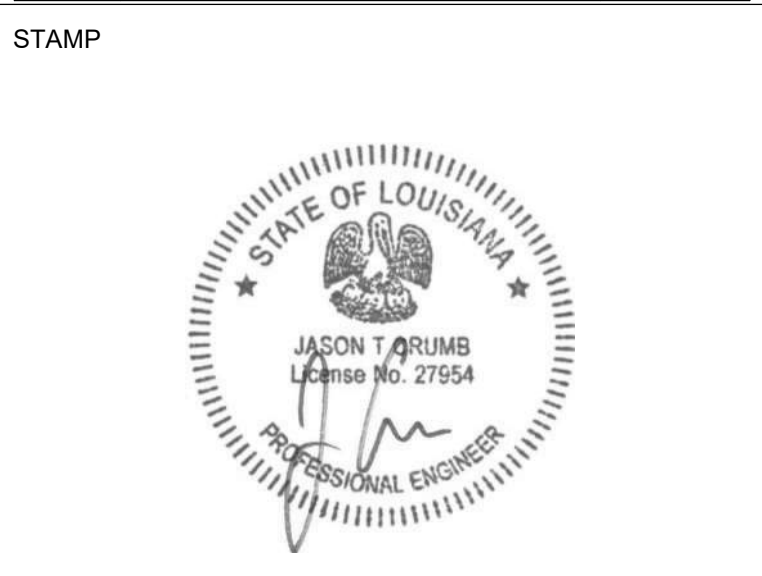
SPECIFIC NOTES THIS SHEET:

① COMPRESSED AIR DROP. SEE SHEET P-101B FOR CONTINUATION.



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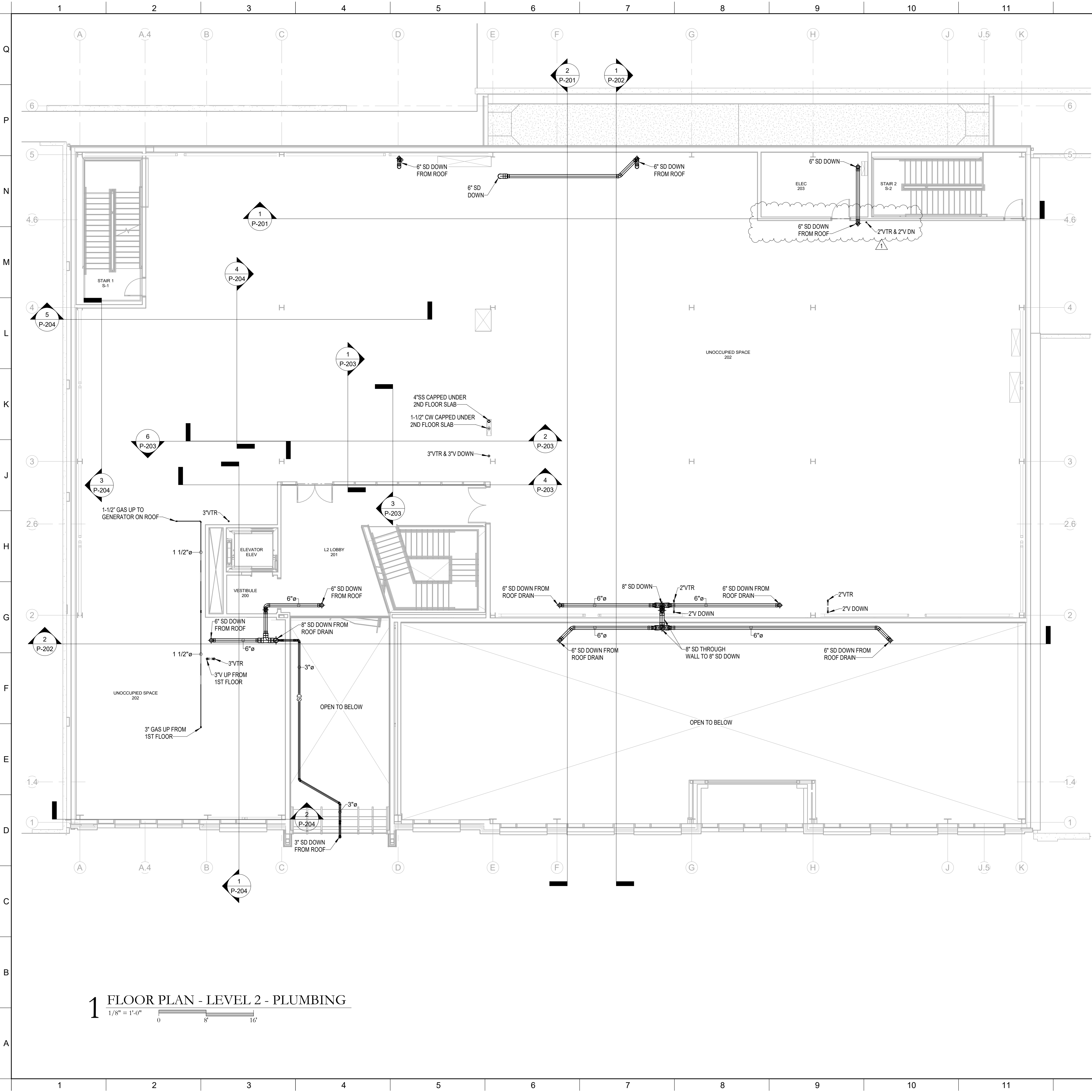
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DRAWN BY BGL	DATE 08.04.2025

SHEET TITLE
FLOOR PLAN - MEZZANINE - PLUMBING

PROJECT NO. 12274	SHEET NO. P-102
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- PLUMBING GENERAL NOTES THIS SHEET:**
- 1. ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
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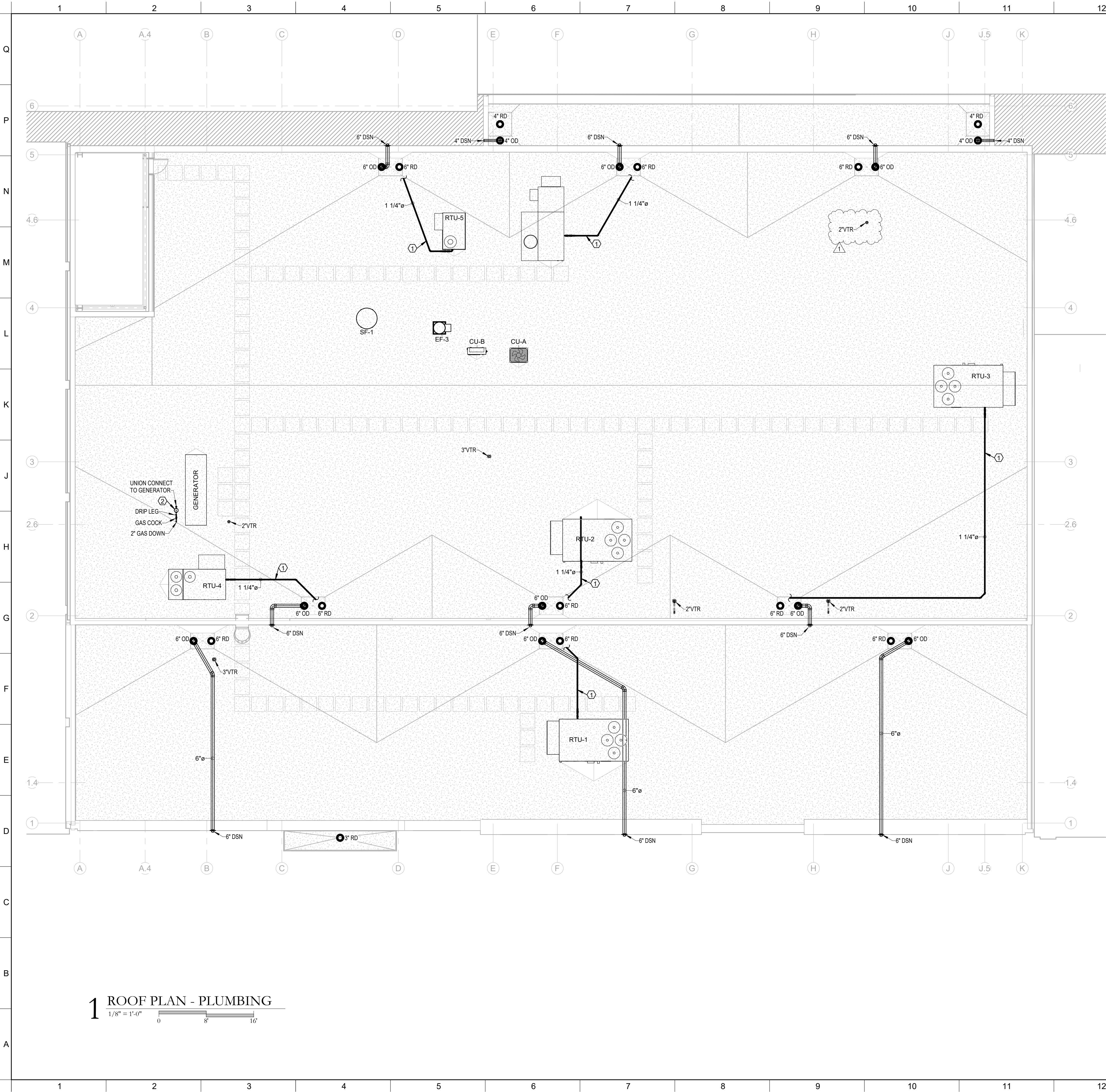
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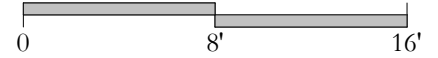
SHEET TITLE
FLOOR PLAN - LEVEL 2 - PLUMBING

PROJECT NO. 12274	SHEET NO. P-103
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1 FLOOR PLAN - LEVEL 2 - PLUMBING
1/8" = 1'-0"
0 8' 16'



1 ROOF PLAN - PLUMBING
1/8" = 1'-0"



- PLUMBING GENERAL NOTES THIS SHEET:**
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- SPECIFIC NOTES THIS SHEET:**
- ① 1-1/4" CONDENSATE DRAIN WITH RUNNING TRAP TO ROOF DRAIN.
 - ② GAS REGULATOR SET @ 5 PSI TO 11" WC, 1800 CFH.



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No.	Description	Date
1	ADDENDUM 1	08.22.2025

STAMP



KEY PLAN

Mathes Brierre
ARCHITECTS

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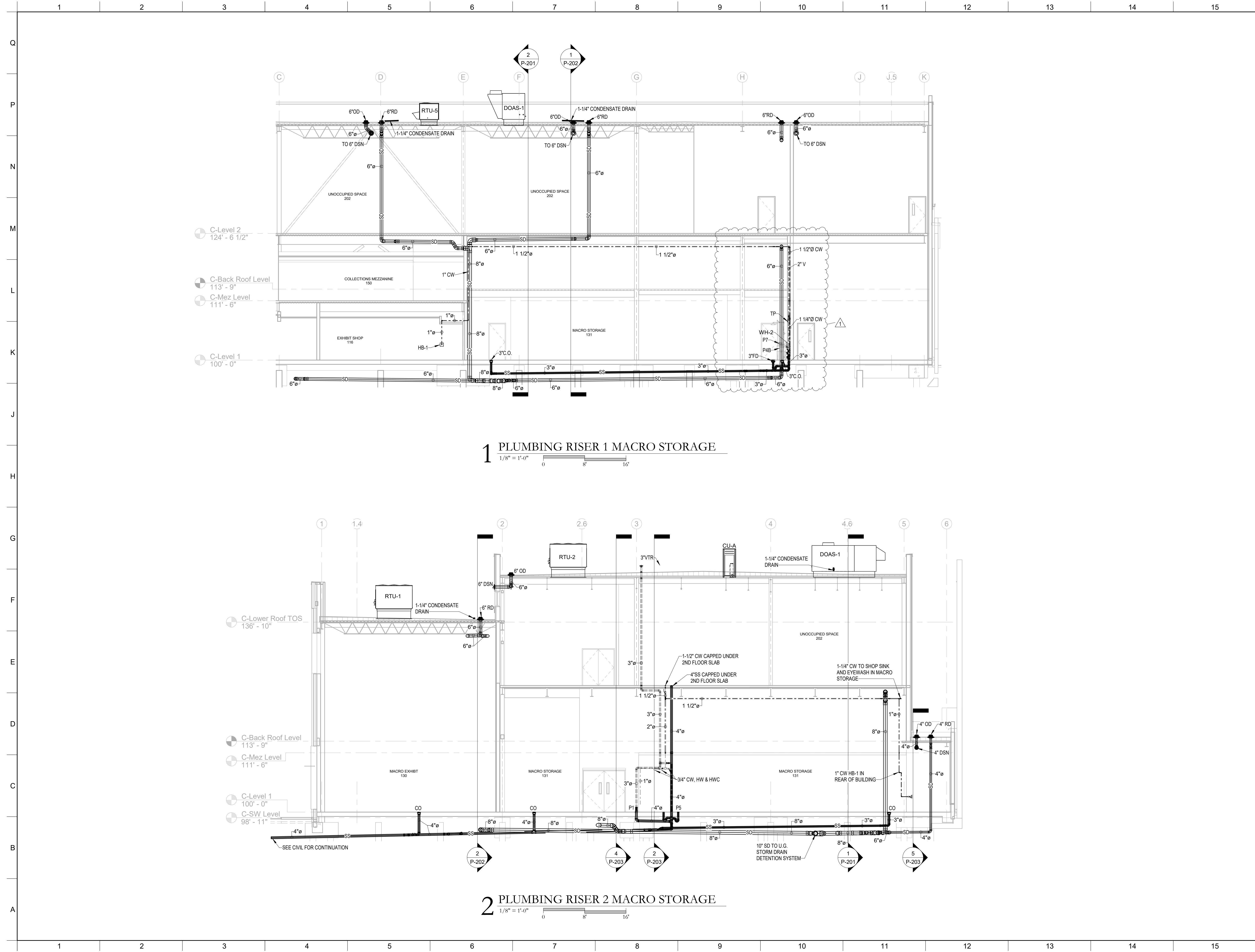
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY JTC, BGL, JTCJR	CHECKED BY JTC
DRAWN BY BGL	DATE 08.04.2025
SHEET TITLE ROOF PLAN - PLUMBING	
PROJECT NO. 12274	SHEET NO. P-104



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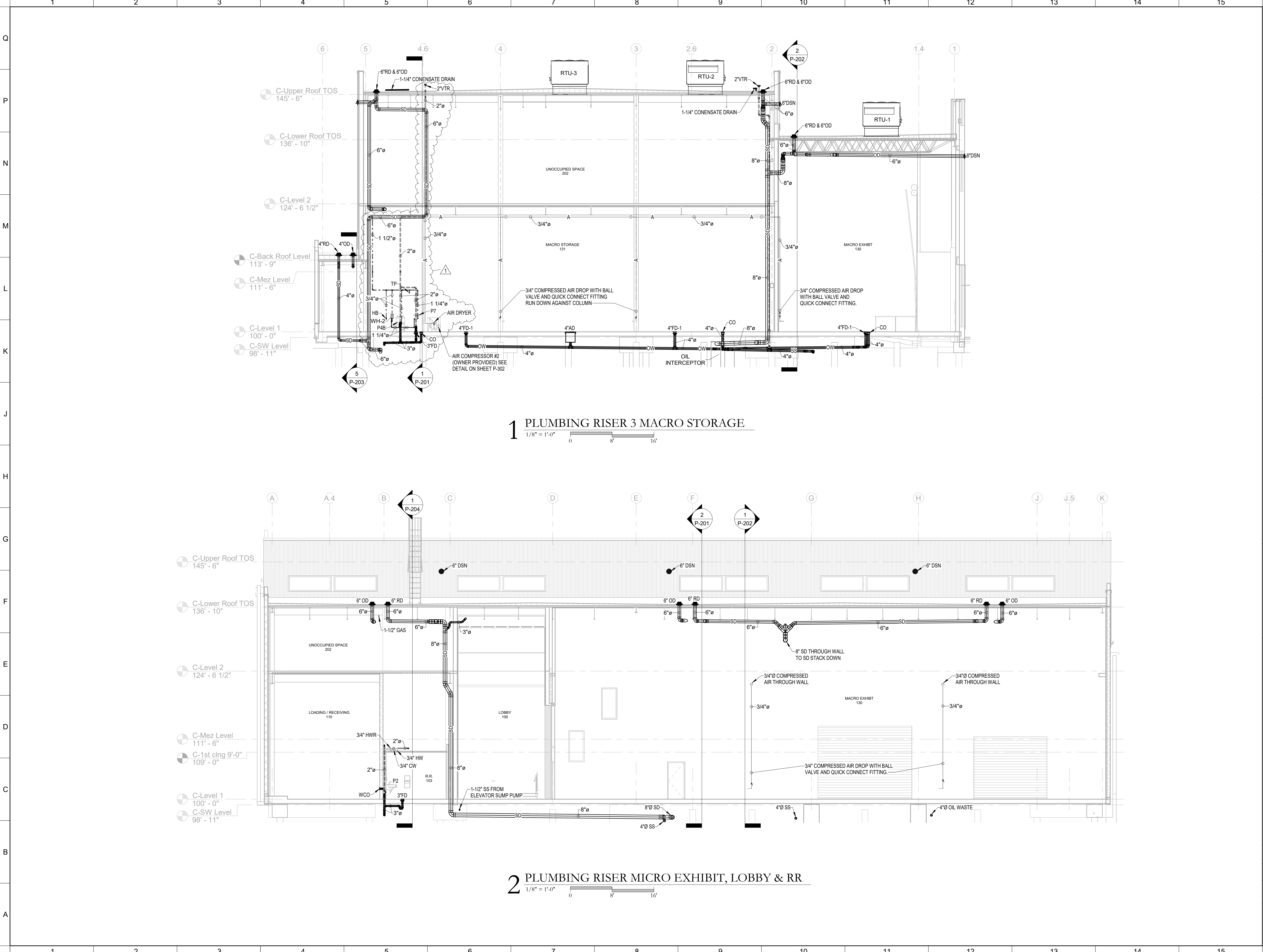
PROJECT TITLE

**FLOYD EDUCATION
& COLLECTIONS
PAVILION**

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY JTC, BGL, JTCJR	CHECKED BY JTC
DRAWN BY BGL	DATE 08.04.2025
SHEET TITLE PLUMBING RISERS	
PROJECT NO. 12274	SHEET NO. P-201



1 PLUMBING RISER 3 MACRO STORAGE
1/8" = 1'-0"

2 PLUMBING RISER MICRO EXHIBIT, LOBBY & RR
1/8" = 1'-0"



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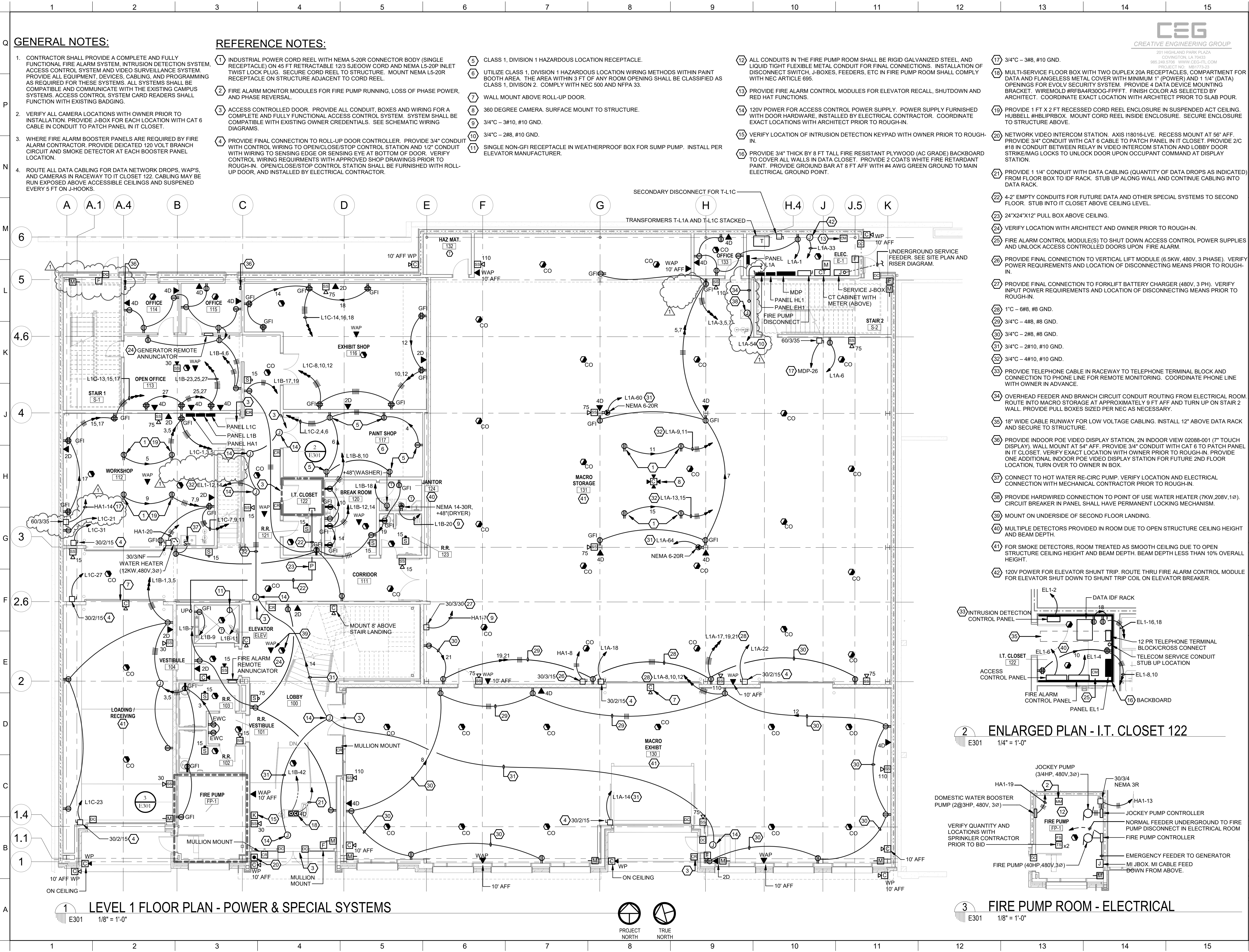
PROJECT TITLE

FLOYD EDUCATION
& COLLECTIONS
PAVILION

1060 MAGAZINE ST
NEW ORLEANS, LA 70130

CONSTRUCTION
DOCUMENTS

DESIGNED BY JTC, BGL, JTCJR	CHECKED BY JTC
DRAWN BY BGL	DATE 08.04.2025
SHEET TITLE PLUMBING RISERS	
PROJECT NO. 12274	SHEET NO. P-202



GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE A COMPLETE AND FULLY FUNCTIONAL FIRE ALARM SYSTEM, INTRUSION DETECTION SYSTEM, ACCESS CONTROL SYSTEM AND VIDEO SURVEILLANCE SYSTEM. PROVIDE ALL EQUIPMENT, DEVICES, CABLING, AND PROGRAMMING AS REQUIRED FOR THESE SYSTEMS. ALL SYSTEMS SHALL BE COMPATIBLE AND COMMUNICATE WITH THE EXISTING CAMPUS SYSTEMS. ACCESS CONTROL SYSTEM CARD READERS SHALL FUNCTION WITH EXISTING BADGING.
2. VERIFY ALL CAMERA LOCATIONS WITH OWNER PRIOR TO INSTALLATION. PROVIDE J-BOX FOR EACH LOCATION WITH CAT 6 CABLE IN CONDUIT TO PATCH PANEL IN IT CLOSET.
3. WHERE FIRE ALARM BOOSTER PANELS ARE REQUIRED BY FIRE ALARM CONTRACTOR, PROVIDE DEICATED 120 VOLT BRANCH CIRCUIT AND SMOKE DETECTOR AT EACH BOOSTER PANEL LOCATION.
4. ROUTE ALL DATA CABLING FOR DATA NETWORK DROPS, WAP'S, AND CAMERAS IN RACEWAY TO IT CLOSET 122. CABLING MAY BE RUN EXPOSED ABOVE ACCESSIBLE CEILINGS AND SUSPENDED EVERY 5 FT ON J-HOOKS.

REFERENCE NOTES:

- 1 INDUSTRIAL POWER CORD REEL WITH NEMA 5-20R CONNECTOR BODY (SINGLE RECEPTACLE) ON 45 FT RETRACTABLE 12/3 SUBCOW CORD AND NEMA L5-20P INLET TWIST LOCK PLUG. SECURE CORD REEL TO STRUCTURE. MOUNT NEMA L5-20R RECEPTACLE ON STRUCTURE ADJACENT TO CORD REEL.
- 2 FIRE ALARM MONITOR MODULES FOR FIRE PUMP RUNNING, LOSS OF PHASE POWER, AND PHASE REVERSAL.
- 3 ACCESS CONTROLLED DOOR. PROVIDE ALL CONDUIT, BOXES AND WIRING FOR A COMPLETE AND FULLY FUNCTIONAL ACCESS CONTROL SYSTEM. SYSTEM SHALL BE COMPATIBLE WITH EXISTING OWNER CREDENTIALS. SEE SCHEMATIC WIRING DIAGRAMS.
- 4 PROVIDE FINAL CONNECTION TO ROLL-UP DOOR CONTROLLER. PROVIDE 3/4" CONDUIT WITH CONTROL WIRING TO OPEN/CLOSE/STOP CONTROL STATION AND 1/2" CONDUIT WITH WIRING TO SENSING EDGE OR SENSING EYE AT BOTTOM OF DOOR. VERIFY CONTROL WIRING REQUIREMENTS WITH APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN. OPEN/CLOSE/STOP CONTROL STATION SHALL BE FURNISHED WITH ROLL-UP DOOR, AND INSTALLED BY ELECTRICAL CONTRACTOR.

- 5 CLASS 1, DIVISION 1 HAZARDOUS LOCATION RECEPTACLE.
- 6 UTILIZE CLASS 1, DIVISION 1 HAZARDOUS LOCATION WIRING METHODS WITHIN PAINT BOOTH AREA. THE AREA WITHIN 3 FT OF ANY ROOM OPENING SHALL BE CLASSIFIED AS CLASS 1, DIVISION 2. COMPLY WITH NEC 500 AND NFPA 33.
- 7 WALL MOUNT ABOVE ROLL-UP DOOR.
- 8 360 DEGREE CAMERA. SURFACE MOUNT TO STRUCTURE.
- 9 3/4"C - 3#10, #10 GND.
- 10 3/4"C - 2#8, #10 GND.
- 11 SINGLE NON-GFI RECEPTACLE IN WEATHERPROOF BOX FOR SUMP PUMP. INSTALL PER ELEVATOR MANUFACTURER.

- 12 ALL CONDUITS IN THE FIRE PUMP ROOM SHALL BE RIGID GALVANIZED STEEL, AND LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS. INSTALLATION OF DISCONNECT SWITCH, J-BOXES, FEEDERS, ETC IN FIRE PUMP ROOM SHALL COMPLY WITH NEC ARTICLE 695.
- 13 PROVIDE FIRE ALARM CONTROL MODULES FOR ELEVATOR RECALL, SHUTDOWN AND RED HAT FUNCTIONS.
- 14 120V POWER FOR ACCESS CONTROL POWER SUPPLY. POWER SUPPLY FURNISHED WITH DOOR HARDWARE, INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 15 VERIFY LOCATION OF INTRUSION DETECTION KEYPAD WITH OWNER PRIOR TO ROUGH-IN.
- 16 PROVIDE 3/4" THICK BY 8 FT TALL FIRE RESISTANT PLYWOOD (AC GRADE) BACKBOARD TO COVER ALL WALLS IN DATA CLOSET. PROVIDE 2 COATS WHITE FIRE RETARDANT PAINT. PROVIDE GROUND BAR AT 8 FT AFF WITH #4 AWG GREEN GROUND TO MAIN ELECTRICAL GROUND POINT.

- 17 3/4"C - 3#8, #10 GND.
- 18 MULTI-SERVICE FLOOR BOX WITH TWO DUPLEX 20A RECEPTACLES, COMPARTMENT FOR DATA AND FLANGELESS METAL COVER WITH MINIMUM 1" (POWER) AND 1 1/4" (DATA) OPENINGS FOR EVOLV SECURITY SYSTEM. PROVIDE 4 DATA DEVICE MOUNTING BRACKET. WIREMOLD #RFB4R300G-PPFT. FINISH COLOR AS SELECTED BY ARCHITECT. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO SLAB POUR.
- 19 PROVIDE 1 FT X 2 FT RECESSED CORD REEL ENCLOSURE IN SUSPENDED ACT CEILING. HUBBELL #HBLPRBOX. MOUNT CORD REEL INSIDE ENCLOSURE. SECURE ENCLOSURE TO STRUCTURE ABOVE.
- 20 NETWORK VIDEO INTERCOM STATION. AXIS I18016-LVE. RECESS MOUNT AT 56" AFF. PROVIDE 3/4" CONDUIT WITH CAT 6 CABLE TO PATCH PANEL IN IT CLOSET. PROVIDE 2/C #18 IN CONDUIT BETWEEN RELAY IN VIDEO INTERCOM STATION AND LOBBY DOOR STRIKE/MAG LOCKS TO UNLOCK DOOR UPON OCCUPANT COMMAND AT DISPLAY STATION.
- 21 PROVIDE 1 1/4" CONDUIT WITH DATA CABLING (QUANTITY OF DATA DROPS AS INDICATED) FROM FLOOR BOX TO IDF RACK. STUB UP ALONG WALL AND CONTINUE CABLING INTO DATA RACK.
- 22 4-2" EMPTY CONDUITS FOR FUTURE DATA AND OTHER SPECIAL SYSTEMS TO SECOND FLOOR. STUB INTO IT CLOSET ABOVE CEILING LEVEL.
- 23 24"x24"x12" PULL BOX ABOVE CEILING.
- 24 VERIFY LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 25 FIRE ALARM CONTROL MODULE(S) TO SHUT DOWN ACCESS CONTROL POWER SUPPLIES AND UNLOCK ACCESS CONTROLLED DOORS UPON FIRE ALARM.
- 26 PROVIDE FINAL CONNECTION TO VERTICAL LIFT MODULE (6.5KW, 480V, 3 PHASE). VERIFY POWER REQUIREMENTS AND LOCATION OF DISCONNECTING MEANS PRIOR TO ROUGH-IN.
- 27 PROVIDE FINAL CONNECTION TO FORKLIFT BATTERY CHARGER (480V, 3 PH). VERIFY INPUT POWER REQUIREMENTS AND LOCATION OF DISCONNECTING MEANS PRIOR TO ROUGH-IN.
- 28 1"C - 6#8, #8 GND.
- 29 3/4"C - 4#8, #8 GND.
- 30 3/4"C - 2#8, #8 GND.
- 31 3/4"C - 2#10, #10 GND.
- 32 3/4"C - 4#10, #10 GND.
- 33 PROVIDE TELEPHONE CABLE IN RACEWAY TO TELEPHONE TERMINAL BLOCK AND CONNECTION TO PHONE LINE FOR REMOTE MONITORING. COORDINATE PHONE LINE WITH OWNER IN ADVANCE.
- 34 OVERHEAD FEEDER AND BRANCH CIRCUIT CONDUIT ROUTING FROM ELECTRICAL ROOM. ROUTE INTO MACRO STORAGE AT APPROXIMATELY 9 FT AFF AND TURN UP ON STAIR 2 WALL. PROVIDE PULL BOXES SIZED PER NEC AS NECESSARY.
- 35 18" WIDE CABLE RUNWAY FOR LOW VOLTAGE CABLING. INSTALL 12" ABOVE DATA RACK AND SECURE TO STRUCTURE.
- 36 PROVIDE INDOOR POE VIDEO DISPLAY STATION, 2N INDOOR VIEW 02088-001 (7" TOUCH DISPLAY). WALL MOUNT AT 54" AFF. PROVIDE 3/4" CONDUIT WITH CAT 6 TO PATCH PANEL IN IT CLOSET. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ONE ADDITIONAL INDOOR POE VIDEO DISPLAY STATION FOR FUTURE 2ND FLOOR LOCATION. TURN OVER TO OWNER IN BOX.
- 37 CONNECT TO HOT WATER RE-CIRC PUMP. VERIFY LOCATION AND ELECTRICAL CONNECTION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 38 PROVIDE HARDWIRED CONNECTION TO POINT OF USE WATER HEATER (7KW, 208V, 1Ø). CIRCUIT BREAKER IN PANEL SHALL HAVE PERMANENT LOCKING MECHANISM.
- 39 MOUNT ON UNDERSIDE OF SECOND FLOOR LANDING.
- 40 MULTIPLE DETECTORS PROVIDED IN ROOM DUE TO OPEN STRUCTURE CEILING HEIGHT AND BEAM DEPTH.
- 41 FOR SMOKE DETECTORS, ROOM TREATED AS SMOOTH CEILING DUE TO OPEN STRUCTURE CEILING HEIGHT AND BEAM DEPTH. BEAM DEPTH LESS THAN 10% OVERALL HEIGHT.
- 42 120V POWER FOR ELEVATOR SHUNT TRIP. ROUTE THRU FIRE ALARM CONTROL MODULE FOR ELEVATOR SHUT DOWN TO SHUNT TRIP COIL ON ELEVATOR BREAKER.

No.	Description	Date
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PROJECT TITLE

**FLOYD EDUCATION
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PAVILION**

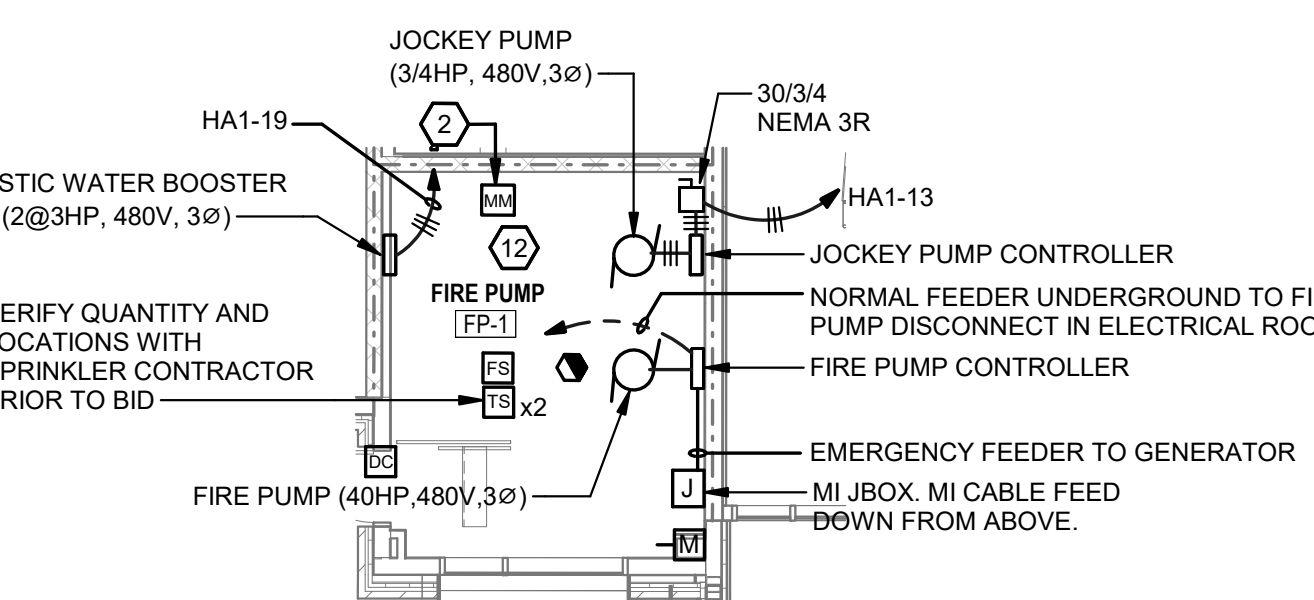
1060 MAGAZINE ST
NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY	RHN	CHECKED BY	RHN
DRAWN BY	BFL	DATE	08.04.2025
SHEET TITLE	LEVEL 1 FLOOR PLAN - POWER & SPECIAL SYSTEMS		
PROJECT NO.	12274	SHEET NO.	E301

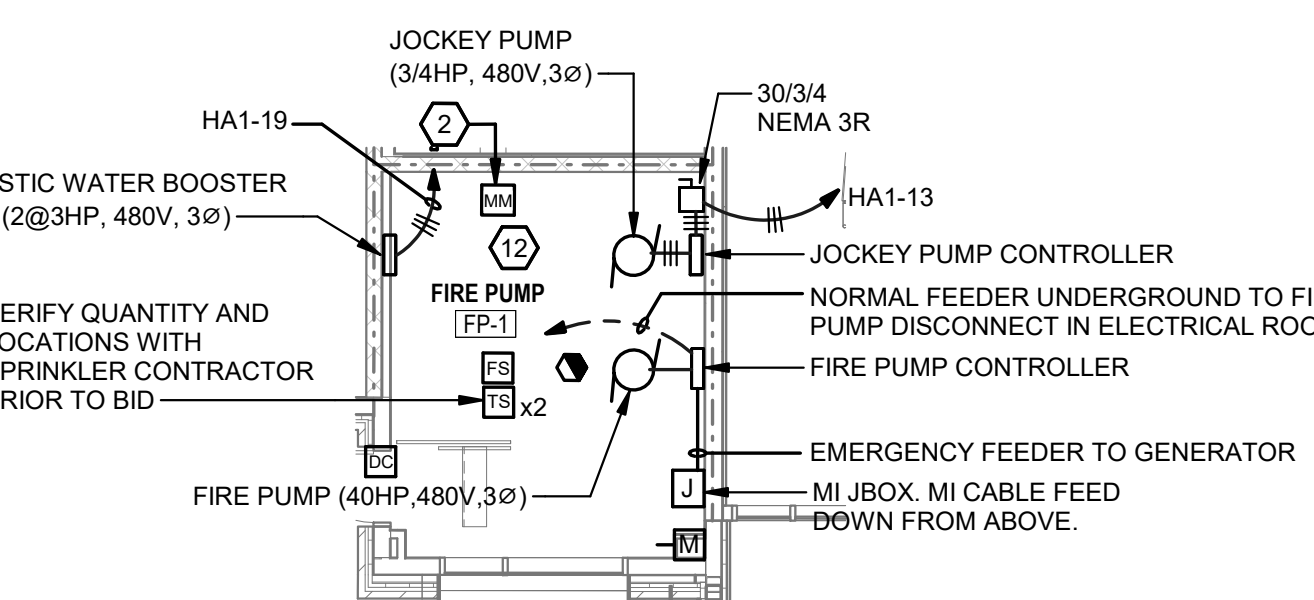
ENLARGED PLAN - I.T. CLOSET 122

E301 1/4" = 1'-0"



FIRE PUMP ROOM - ELECTRICAL

E301 1/8" = 1'-0"



REFERENCE NOTES:

- INDOOR UNIT RECEIVES POWER FROM OUTDOOR UNIT. PROVIDE 3/4"C-3#12, #12 GND TO OUTDOOR UNIT CU-B
- 2 POLE MOTOR RATED TOGGLE SWITCH IN LOCKABLE ENCLOSURE.
- CONNECT TO 120V RECEPTACLE CIRCUIT L1B-19, AHEAD OF ANY GFCI.
- 3/4"C-3#10, #10 GND.
- PROVIDE FINAL CONNECTION TO DUST COLLECTOR CONTROLLER.
- ROUTE CIRCUIT THRU UNIT WALL CONTROLLER.
- ALL LOW VOLTAGE WIRING AND RACEWAYS FOR CONTROL SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
- PROVIDE 120V CONTROL POWER AND DATA TO HVAC CONTROL PANEL. VERIFY EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- MOTOR STARTER FURNISHED BY MECHANICAL, INSTALLED BY ELECTRICAL.
- CLASS 1, DIVISION 1 HAZARDOUS LOCATION TOGGLE SWITCH FOR EF-3 & SF-1 FAN CONTROL. PROVIDE NAMEPLATE. CONNECT LINE SIDE OF SWITCH TO CIRCUIT LIC-6 AND WIRE LOAD SIDE OF SWITCH TO STARTERS FOR EF-3 & SF-1 IN WORKSHOP 112. ROUTE CONTROL CIRCUITRY IN 3/4" CONDUIT.

No.	Description	Date
1	ADDENDUM 1	08.22.2025

STAMP



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PROJECT TITLE

FLOYD EDUCATION & COLLECTIONS PAVILION

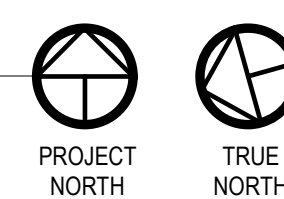
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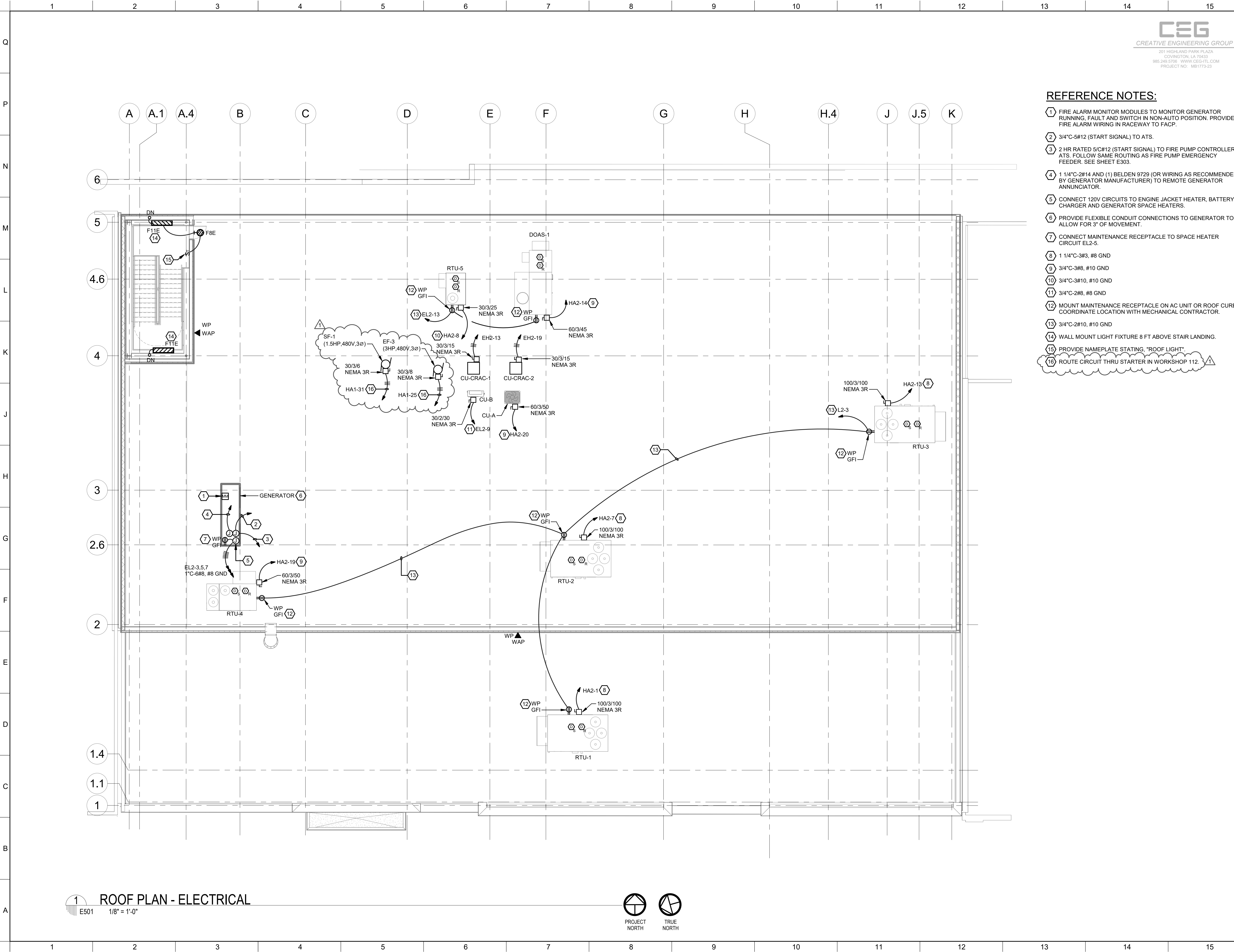
CONSTRUCTION DOCUMENTS

DESIGNED BY	CHECKED BY
RHN	RHN
DRAWN BY	DATE
BFL	08.04.2025
SHEET TITLE LEVEL 1 FLOOR PLAN - MECHANICAL POWER	
PROJECT NO.	SHEET NO.
12274	E401

1ST FLOOR PLAN - MECHANICAL POWER

E401 1/8" = 1'-0"



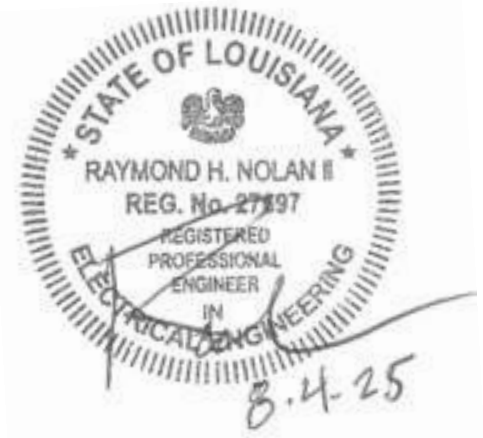


REFERENCE NOTES:

- 1 FIRE ALARM MONITOR MODULES TO MONITOR GENERATOR RUNNING, FAULT AND SWITCH IN NON-AUTO POSITION. PROVIDE FIRE ALARM WIRING IN RACEWAY TO FACP.
- 2 3/4"C-5#12 (START SIGNAL) TO ATS.
- 3 2 HR RATED 5/C#12 (START SIGNAL) TO FIRE PUMP CONTROLLER ATS. FOLLOW SAME ROUTING AS FIRE PUMP EMERGENCY FEEDER. SEE SHEET E303.
- 4 1 1/4"C-2#14 AND (1) BELDEN 9729 (OR WIRING AS RECOMMENDED BY GENERATOR MANUFACTURER) TO REMOTE GENERATOR ANNUNCIATOR.
- 5 CONNECT 120V CIRCUITS TO ENGINE JACKET HEATER, BATTERY CHARGER AND GENERATOR SPACE HEATERS.
- 6 PROVIDE FLEXIBLE CONDUIT CONNECTIONS TO GENERATOR TO ALLOW FOR 3" OF MOVEMENT.
- 7 CONNECT MAINTENANCE RECEPTACLE TO SPACE HEATER CIRCUIT EL2-5.
- 8 1 1/4"C-3#3, #8 GND
- 9 3/4"C-3#8, #10 GND
- 10 3/4"C-3#10, #10 GND
- 11 3/4"C-2#8, #8 GND
- 12 MOUNT MAINTENANCE RECEPTACLE ON AC UNIT OR ROOF CURB. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
- 13 3/4"C-2#10, #10 GND
- 14 WALL MOUNT LIGHT FIXTURE 8 FT ABOVE STAIR LANDING.
- 15 PROVIDE NAMEPLATE STATING, "ROOF LIGHT".
- 16 ROUTE CIRCUIT THRU STARTER IN WORKSHOP 112.

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PAVILION**

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NEW ORLEANS, LA 70130

**CONSTRUCTION
DOCUMENTS**

DESIGNED BY RHN	CHECKED BY RHN
DRAWN BY BFL	DATE 08.04.2025
SHEET TITLE ROOF PLAN - ELECTRICAL	
PROJECT NO. 12274	SHEET NO. E501

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Q															
P															
N															
M															
L															
K															
J															
H															
G															
F															
E															
D															
C															
B															
A															

PANEL SCHEDULE

PANEL LOCATION

MDP

NEUTRAL MOUNTING

☒ 100% SURFACE
☒ 200% FLUSH
☒ NEMA 1R
☒ LOCKABLE COVER

FEED

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

BRANCHES

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

FURNISH GROUND BAR KIT

☒ ALSO FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
☒ SERVICE ENTRANCE LABEL
☒ PANEL NAMEPLATE, 2"x4" ENGRAVED LAMINATED PLASTIC
☒ USE 1/4" LETTERING FOR PANEL NAME, 1 LINE
☒ USE 1/8" LETTERING FOR VOLTS/AMPS, WHERE
☒ FED FROM, MO/YR, INSTALLED, 4 LINES
☒ BLACK FIELD, WHITE LETTERS
☒ RED FIELD, WHITE LETTERS

A/C RATING

40,000
☒ FULLY RATED
☐ SERIES RATED

PANEL HAS FRONT ACCESS ONLY
ALL COPPER BUSSING

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS A B C	LOAD CODE	LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.
1	3	60	ELEVATOR	7482	M	SPD	100	3	2
3	-	-	-	7482	M	-	-	-	4
5	-	-	-	7482	M	-	-	-	6
7	-	-	-	7482	M	-	-	-	8
9	-	-	-	7482	M	-	-	-	10
11	-	-	-	7482	M	-	-	-	12
13	3	175	TRANSFORMER T-1A	26293	M	PANEL HA2	800	3	14
15	-	-	-	26293	M	-	-	-	16
17	-	-	-	26293	M	-	-	-	18
19	3	70	TRANSFORMER T-1C	11432	M	PANEL HA1	225	3	20
21	-	-	-	11432	M	-	-	-	22
23	-	-	-	11432	M	-	-	-	24
25	3	200	ATS EH2	17388	M	MACRO STORAGE AIR COMPRESSOR	50	3	26
27	-	-	-	17388	M	-	-	-	28
29	-	-	-	17388	M	-	-	-	30
31	3	400	SPACE		M	SPACE	225	3	32
33	-	-	-		M	SPACE	-	-	34
35	-	-	-		M	SPACE	-	-	36
37	3	100	SPACE		M	SPACE	225	3	38
39	-	-	-		M	SPACE	-	-	40
41	-	-	-		M	SPACE	-	-	42

TRIP AMPS = FUSE SIZE
IF FUSIBLE SWITCHES

SUBTOTAL ODD SIDE 62595 62595 62595

SUBTOTAL EVEN SIDE 170171 170366 166791

PHASE LOAD 232766 232961 231386

RECEPTACLE LOAD 0 VA

MISC. LOAD 697113 VA

TOTAL VA 697113

REMARKS: PROVIDE SHUNT TRIP CIRCUIT BREAKER WITH ADJUSTABLE LI TRIP UNIT
* PROVIDE CIRCUIT BREAKER WITH ADJUSTABLE LI TRIP UNIT
* MAIN CIRCUIT BREAKER SHALL HAVE LSI ADJUSTABLE TRIP UNIT AND MAINTENANCE SWITCH FOR ARC ENERGY REDUCTION

AC= 0 VA= : HEAT= 0 VA= : VA x 1.25 = 0 VA
AHU= 0 VA x 1.25 = 0 VA
TOTAL LOAD 697113 VA
TOTAL AMPS 839

PANEL SCHEDULE

PANEL LOCATION

HA1

NEUTRAL MOUNTING

☒ 100% SURFACE
☒ 200% FLUSH
☒ NEMA 1R
☒ LOCKABLE COVER

FEED

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

BRANCHES

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

FURNISH GROUND BAR KIT

☒ ALSO FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
☒ SERVICE ENTRANCE LABEL
☒ PANEL NAMEPLATE, 2"x4" ENGRAVED LAMINATED PLASTIC
☒ USE 1/4" LETTERING FOR PANEL NAME, 1 LINE
☒ USE 1/8" LETTERING FOR VOLTS/AMPS, WHERE
☒ FED FROM, MO/YR, INSTALLED, 4 LINES
☒ BLACK FIELD, WHITE LETTERS
☒ RED FIELD, WHITE LETTERS

A/C RATING

40,000
☒ FULLY RATED
☐ SERIES RATED

PANEL HAS FRONT ACCESS ONLY
ALL COPPER BUSSING

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS A B C	LOAD CODE	LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.
1	3	30	DUST COLLECTOR	3880	M	SPD	100	3	2
3	-	-	-	3880	M	-	-	-	4
5	-	-	-	3880	M	-	-	-	6
7	3	30	FORKLIFT CHARGER	5000	M	VLM	20	3	8
9	-	-	-	5000	M	-	-	-	10
11	-	-	-	5000	M	-	-	-	12
13	3	20	JOCKEY PUMP	443	M	WORKSHOP AIR COMPRESSOR	50	3	14
15	-	-	-	443	M	-	-	-	16
17	-	-	-	443	M	-	-	-	18
19	3	20	DOMESTIC WATER BOOSTER PUMPS	2660	M	WH-1	20	3	20
21	-	-	-	2660	M	-	-	-	22
23	-	-	-	2660	M	-	-	-	24
25	3	20	EF-3	1330	M	SPACE	225	3	26
27	-	-	-	1330	M	SPACE	-	-	28
29	-	-	-	1330	M	SPACE	-	-	30
31	3	20	SF-1	832	M	SPACE	225	3	32
33	-	-	-	832	M	SPACE	-	-	34
35	-	-	-	832	M	SPACE	-	-	36
37	-	-	-	832	M	SPACE	-	-	38
39	-	-	-	832	M	SPACE	-	-	40
41	-	-	-	832	M	SPACE	-	-	42

TRIP AMPS = FUSE SIZE
IF FUSIBLE SWITCHES

SUBTOTAL ODD SIDE 14145 14145 14145

SUBTOTAL EVEN SIDE 12000 12000 12000

PHASE LOAD 26145 26145 26145

RECEPTACLE LOAD 0 VA

MISC. LOAD 78435 VA

TOTAL VA 78435

REMARKS: A/C @ 125% & HEAT @ 125% LARGEST LOAD OF A/C OR HEAT IS USED IN CALCULATIONS EXCEPT IN THE CASE OF HEAT PUMPS IN WHICH BOTH LOADS ARE USED.

AC= 0 VA= : HEAT= 0 VA= : VA x 1.25 = 0 VA
AHU= 0 VA x 1.25 = 0 VA
TOTAL LOAD 78435 VA
TOTAL AMPS 94

PANEL SCHEDULE

PANEL LOCATION

HA2

NEUTRAL MOUNTING

☒ 100% SURFACE
☒ 200% FLUSH
☒ NEMA 1R
☒ LOCKABLE COVER

FEED

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

BRANCHES

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

FURNISH GROUND BAR KIT

☒ ALSO FURNISH ADDITIONAL ISOLATED GROUND BAR KIT
☒ SERVICE ENTRANCE LABEL
☒ PANEL NAMEPLATE, 2"x4" ENGRAVED LAMINATED PLASTIC
☒ USE 1/4" LETTERING FOR PANEL NAME, 1 LINE
☒ USE 1/8" LETTERING FOR VOLTS/AMPS, WHERE
☒ FED FROM, MO/YR, INSTALLED, 4 LINES
☒ BLACK FIELD, WHITE LETTERS
☒ RED FIELD, WHITE LETTERS

A/C RATING

40,000
☒ FULLY RATED
☐ SERIES RATED

PANEL HAS FRONT ACCESS ONLY
ALL COPPER BUSSING

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS A B C	LOAD CODE	LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.
1	3	100	RTU-1	23636	A	SPD	100	3	2
3	-	-	-	23636	A	-	-	-	4
5	-	-	-	23636	A	-	-	-	6
7	3	100	RTU-2	23636	A	RTU-5	25	3	8
9	-	-	-	23636	A	-	-	-	10
11	-	-	-	23636	A	-	-	-	12
13	3	100	RTU-3	23636	A	DOAS-1	50	3	14
15	-	-	-	23636	A	-	-	-	16
17	-	-	-	23636	A	-	-	-	18
19	3	50	RTU-4	11950	A	CJA-A	50	3	20
21	-	-	-	11950	A	-	-	-	22
23	-	-	-	11950	A	-	-	-	24
25	3	100	SPACE		A	SPACE	225	3	26
27	-	-	-		A	SPACE	-	-	28
29	-	-	-		A	SPACE	-	-	30
31	3	100	SPACE		A	SPACE	100	3	32
33	-	-	-		A	SPACE	-	-	34
35	-	-	-		A	SPACE	-	-	36
37	3	100	SPACE		A	SPACE	100	3	38
39	-	-	-		A	SPACE	-	-	40
41	-	-	-		A	SPACE	-	-	42

TRIP AMPS = FUSE SIZE
IF FUSIBLE SWITCHES

SUBTOTAL ODD SIDE 82858 82858 82858

SUBTOTAL EVEN SIDE 24513 24513 24513

PHASE LOAD 107371 107371 107371

RECEPTACLE LOAD 0 VA

MISC. LOAD 0 VA

TOTAL VA 402641

REMARKS: A/C @ 125% & HEAT @ 125% LARGEST LOAD OF A/C OR HEAT IS USED IN CALCULATIONS EXCEPT IN THE CASE OF HEAT PUMPS IN WHICH BOTH LOADS ARE USED.

AC= 402641 VA= : HEAT= 0 VA= : VA x 1.25 = 0 VA
AHU= 0 VA x 1.25 = 0 VA
TOTAL LOAD 402641 VA
TOTAL AMPS 485

PANEL SCHEDULE

PANEL LOCATION

HL1

NEUTRAL MOUNTING

☒ 100% SURFACE
☒ 200% FLUSH
☒ NEMA 1R
☒ LOCKABLE COVER

FEED

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

BRANCHES

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
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☒ FED FROM, MO/YR, INSTALLED, 4 LINES
☒ BLACK FIELD, WHITE LETTERS
☒ RED FIELD, WHITE LETTERS

A/C RATING

40,000
☒ FULLY RATED
☐ SERIES RATED

PANEL HAS FRONT ACCESS ONLY
ALL COPPER BUSSING

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS A B C	LOAD CODE	LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.
1	1	20	LIGHTS - MACRO STORAGE & MEZZ	1862	L	SPD	60	3	2
3	1	20	LIGHTS - SHOPS/BREAK RMLLOADING	2064	L	-	-	-	4
5	1	20	SPARE		L	-	-	-	6
7	1	20	SPARE		L	SPACE	20	1	8
9	1	20	SPARE		L	SPACE	20	1	10
11	1	20	EXTERIOR LIGHTS	252	L	SPACE	20	1	12
13	1	20	SPARE		L	SPACE	20	1	14
15	1	20	SPARE		L	SPACE	20	1	16
17	1	20	SPARE		L	SPACE	20	1	18
19	1	20	SPARE		L	SPACE	20	1	20
21	1	20	SPARE		L	SPACE	20	1	22
23	1	20	SPARE		L	SPACE	20	1	24
25	-	-	-	1320	L	FEED THRU LOAD PANEL HL2	26	-	26
27	-	-	-	1214	L	SPACE	20	-	28
29	-	-	-	1826	L	SPACE	20	-	30
31	-	-	-		L	SPACE	20	-	32
33	-	-	-		L	SPACE	20	-	34
35	-	-	-		L	SPACE	20	-	36
37	-	-	-		L	SPACE	20	-	38
39	-	-	-		L	SPACE	20	-	40
41	-	-	-		L	SPACE	20	-	42

TRIP AMPS = FUSE SIZE
IF FUSIBLE SWITCHES

SUBTOTAL ODD SIDE 1862 2064 252

SUBTOTAL EVEN SIDE 1320 1274 1826

PHASE LOAD 3182 3338 2078

RECEPTACLE LOAD 0 VA

MISC. LOAD 8588 VA

TOTAL VA 8588

REMARKS: A/C @ 125% & HEAT @ 125% LARGEST LOAD OF A/C OR HEAT IS USED IN CALCULATIONS EXCEPT IN THE CASE OF HEAT PUMPS IN WHICH BOTH LOADS ARE USED.

AC= 0 VA= : HEAT= 0 VA= : VA x 1.25 = 0 VA
AHU= 0 VA x 1.25 = 0 VA
TOTAL LOAD 10748 VA
TOTAL AMPS 13

PANEL SCHEDULE

PANEL LOCATION

HL2

NEUTRAL MOUNTING

☒ 100% SURFACE
☒ 200% FLUSH
☒ NEMA 1R
☒ LOCKABLE COVER

FEED

☒ TOP
☒ BOTTOM
☒ BOLT-ON, PANELBOARD CONSTR.
☒ STAB-IN, PANELBOARD CONSTR.
☒ FUSIBLE SWITCHES, FURNISH ALL
☒ FUSES, RK5

BRANCHES

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☒ USE 1/4" LETTERING FOR PANEL NAME, 1 LINE
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☒ FED FROM, MO/YR, INSTALLED, 4 LINES
☒ BLACK FIELD, WHITE LETTERS
☒ RED FIELD, WHITE LETTERS

A/C RATING

25,000
☒ FULLY RATED
☐ SERIES RATED

PANEL HAS FRONT ACCESS ONLY
ALL COPPER BUSSING

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS A B C	LOAD CODE	LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.
1	1	20	SPARE		L	SPD	60	3	2
3	1	20	2ND FLR UNOCCUPIED LIGHTS	512	L	-	-	-	4
5	1	20	MACRO EXHIBIT LIGHTS	1826	L	-	-	-	6
7	1	20	MACRO EXHIBIT LIGHTS	1320	L	SPACE	20	1	8
9	1	20	STARLOBBY LIGHTS	762	L	SPACE	20	1	10
11	1	20	SPARE		L	SPACE	20	1	12
13	1	20	SPARE		L	SPACE	20	1	14
15	1	20	SPARE		L	SPACE	20	1	16
17	1	20	SPARE		L	SPACE	20	1	18
19	-	-	-		L	SPACE	20	-	20
21	-	-	-		L	SPACE	20	-	22
23	-	-	-		L	SPACE	20	-	24
25	-	-	-		L	SPACE	20	-	26
27	-	-	-		L	SPACE	20	-	2

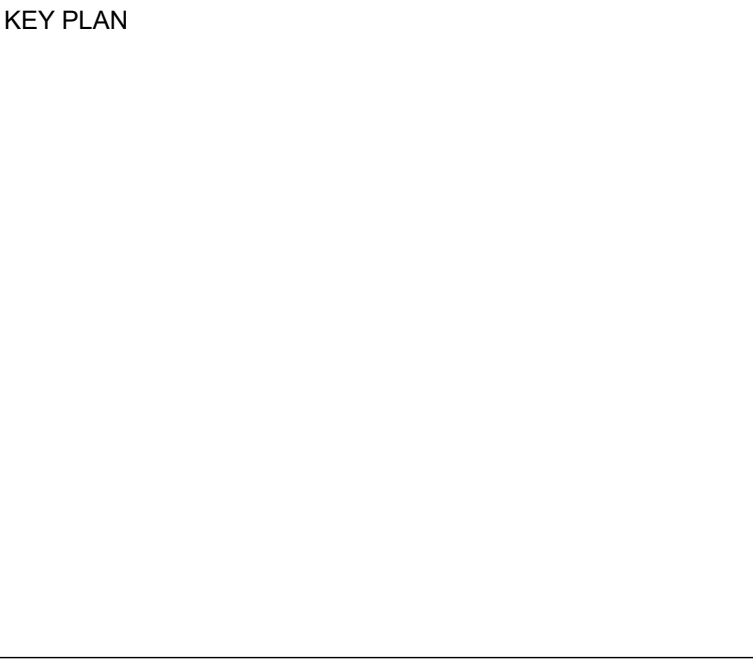
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Q															
P															
N															
M															
L															
K															
J															
H															
G															
F															
E															
D															
C															
B															
A															

LIGHTING CONTROL PANEL LP1							
CKT. NO.	CIRCUIT DESCRIPTION	CIRCUIT BREAKER	LOAD VA			LOAD TYPE	DIMMER
			A	B	C		
1	MACRO EXHIBIT TRACK 1-1	20A/1P	204			LED	NON-DIM
2	MACRO EXHIBIT TRACK 1-2	20A/1P		102		LED	NON-DIM
3	MACRO EXHIBIT TRACK 2-1	20A/1P			204	LED	NON-DIM
4	MACRO EXHIBIT TRACK 2-2	20A/1P	102			LED	NON-DIM
5	MACRO EXHIBIT TRACK 3-1	20A/1P		204		LED	NON-DIM
6	MACRO EXHIBIT TRACK 3-2	20A/1P			102	LED	NON-DIM
7	MACRO EXHIBIT TRACK 4-1	20A/1P	204			LED	NON-DIM
8	MACRO EXHIBIT TRACK 4-2	20A/1P		102		LED	NON-DIM
9	MACRO EXHIBIT TRACK 5-1	20A/1P			204	LED	NON-DIM
10	MACRO EXHIBIT TRACK 5-2	20A/1P	102			LED	NON-DIM
11	MACRO EXHIBIT TRACK 6-1	20A/1P		204		LED	NON-DIM
12	MACRO EXHIBIT TRACK 6-2	20A/1P			102	LED	NON-DIM
13	MACRO EXHIBIT TRACK 7-1	20A/1P	204			LED	NON-DIM
14	MACRO EXHIBIT TRACK 7-2	20A/1P		102		LED	NON-DIM
15	MACRO EXHIBIT TRACK 8-1	20A/1P			204	LED	NON-DIM
16	MACRO EXHIBIT TRACK 8-2	20A/1P	102			LED	NON-DIM
17	MACRO EXHIBIT TRACK 9-1	20A/1P		204		LED	NON-DIM
18	MACRO EXHIBIT TRACK 9-2	20A/1P			102	LED	NON-DIM
19	MACRO EXHIBIT TRACK 10-1	20A/1P	204			LED	NON-DIM
20	MACRO EXHIBIT TRACK 10-2	20A/1P		102		LED	NON-DIM
21	MACRO EXHIBIT TRACK 11-1	20A/1P			204	LED	NON-DIM
22	MACRO EXHIBIT TRACK 11-2	20A/1P	102			LED	NON-DIM
23	MACRO EXHIBIT VERT TRACK 1/2	20A/1P		84		LED	NON-DIM
24	MACRO EXHIBIT VERT TRACK 3/4	20A/1P			84	LED	NON-DIM
25	MACRO EXHIBIT VERT TRACK 5/6	20A/1P	84			LED	NON-DIM
26	MACRO EXHIBIT VERT TRACK 7/8	20A/1P		84		LED	NON-DIM
27	MACRO EXHIBIT VERT TRACK 9/10	20A/1P			84	LED	NON-DIM
28	MACRO EXHIBIT VERT TRACK 11/12	20A/1P	84			LED	NON-DIM
29	MACRO EXHIBIT VERT TRACK 13/14	20A/1P		84		LED	NON-DIM
30	MACRO EXHIBIT VERT TRACK 15/16	20A/1P			84	LED	NON-DIM
31	SPARE	20A/1P					
32	SPARE	20A/1P					
33	SPARE	20A/1P					
34	SPARE	20A/1P					
35	SPARE	20A/1P					
36	SPARE	20A/1P					
37	SPARE	20A/1P					
38	SPARE	20A/1P					
39	SPARE	20A/1P					
40	SPARE	20A/1P					
41	SPARE	20A/1P					
42-48	SPACE						
TOTAL LOAD/PHASE							
PANEL TOTAL LOAD			4038				
AMPS @120/208V, 3 PH			11.2				

RELAY PANEL RP1						
CKT. NO.	CIRCUIT DESCRIPTION	LOAD VA			LOAD TYPE	DIMMER
		A	B	C		
1	MACRO EXHIBIT LINEAR N1	660			LED	0-10V DIRECT, DMX INDIRECT
2	MACRO EXHIBIT LINEAR N2		660		LED	0-10V DIRECT, DMX INDIRECT
3	MACRO EXHIBIT LINEAR N3			660	LED	0-10V DIRECT, DMX INDIRECT
4	MACRO EXHIBIT LINEAR N4	506			LED	0-10V DIRECT, DMX INDIRECT
5	MACRO EXHIBIT LINEAR N5		660		LED	0-10V DIRECT, DMX INDIRECT
6	MACRO EXHIBIT LINEAR E1			660	LED	0-10V DIRECT, DMX INDIRECT
7	MACRO EXHIBIT LINEAR E2	660			LED	0-10V DIRECT, DMX INDIRECT
8	MACRO EXHIBIT LINEAR E3		660		LED	0-10V DIRECT, DMX INDIRECT
PHASE LOAD		1826	1980	1320		
TOTAL LOAD		5126				

SERVICE LOAD CALCULATION			
	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
LIGHTS	22.00	1.25	27.50
RECEPTACLES	12.96	0.89	11.48
MISC			
SHOP EQUIPMENT	22.60	0.75	16.95
SPECIAL SYSTEMS	8.64	1.00	8.64
OTHER	68.50	1.00	68.50
MOTORS			
AIR COMPRESSOR (2@15 HP)	34.92	0.50	17.46
ROLL UP DOORS (7@1 HP)	12.81	0.42	5.38
ELEVATOR (20 HP)	22.45	1.00	22.45
JOCKEY PUMP (3/4 HP)	1.33	1.00	1.33
FIRE PUMP (40 HP)	43.23	1.00	43.23
DUST COLLECTOR (10 HP)	11.64	1.00	11.64
DOMESTIC WATER PUMP (2@3 HP)	7.98	1.00	7.98
AIR POLLUTION UNIT (4 @ 1 HP)	7.32	1.00	7.32
EF-3 (3 HP)	3.99	1.00	3.99
SF-1 (1.5 HP)	2.50	1.00	2.50
WATER HEATERS	19.00	1.00	19.00
HVAC	351.46	1.25	439.33
		TOTAL KVA	714.67
		AMPS @ 480V	859.64
FUTURE GROWTH (2ND FLOOR BUILDOUT)			
WATER HEATERS	12.00	1.00	12.00
HVAC	114.50	1.25	143.13
LEADERSHIP (8500 SF)			
LIGHTS (2 VA/SF)	17.00	1.25	21.25
RECEPTACLES (1 VA/SF)	8.50	1.00	8.50
MISC (5.5 VA/SF)	46.75	1.00	46.75
STORAGE (3063 SF)			
LIGHTS (0.64 VA/SF)	2.30	1.25	2.88
RECEPTACLES (0.5 VA/SF)	1.53	1.00	1.53
MISC (1.5 VA/SF)	4.60	1.00	4.60
		TOTAL FUTURE KVA	240.63
		AMPS @ 480V	289.44
		TOTAL BUILDING KVA	955.30
		AMPS @ 480V	1149.08

No.	Description	Date
1	ADDENDUM 1	08.22.2025



Mathes Brierre
ARCHITECTS

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PROJECT TITLE	
FLOYD EDUCATION & COLLECTIONS PAVILION	
1060 MAGAZINE ST NEW ORLEANS, LA 70130	
CONSTRUCTION DOCUMENTS	
DESIGNED BY	CHECKED BY
RHN	RHN
DRAWN BY	DATE
BFL	08.04.2025
SHEET TITLE	
PANEL SCHEDULES	
PROJECT NO.	SHEET NO.
12274	E804