

SECTION 009113 – ADDENDUM THREE

PART 1 - ADDENDA

1.1 PROJECT INFORMATION

- A. Project Name: 22062 Picayune Multipurpose and Band Hall Renovation
- B. Owner: Picayune School District, 706 Goodyear Blvd., Picayune, MS 39466
- C. Architect: Dale | Bailey, an Association, 188 E. Capitol Street, Suite 250, Jackson, Mississippi, 39201
- D. Architect Project Number: 22062
- E. Date of Addendum Three: 10 July 2023



1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum at same time and location.

1.4 GENERAL RESPONSES TO REQUESTS FOR INFORMATION

- A. Question: Are we quoting just the lockers in room 110, or 111 and 113 as well? The lockers appear to be smaller in rooms 111 and 113 from the drawings.

I also noticed that it calls for White Oak under section 2.2 A, we usually just do our lockers in Red Oak. Do you know if this would be accepted?

Answer: Lockers are for 110, 111, and 113. As per addendum 2: 111 and 113 will receive 18"x18" lockers while 110 will receive 2'x2' lockers. Red Oak is acceptable.
- B. Question: Addendum #2 states to use the updated bid form but there isn't one in the addendum.

Answer: Please see attached.

- C. Question: Spec 10.2600 Section 2.3 calls for abuse resistant wall coverings. You have listed 8 approved manufacturers with sheet size and thickness; was your intent for this product to be used per the finished schedule listing FRP? Please clarify.
- Answer: FRP is the intended wall covering, to ceiling, in the wet rooms. (Showers, bathrooms, laundry, etc.).
- D. Question: Spec 10.1200 calls for Display Cases. We need drawing and details. (RFI #15)
- Answer: The specs call for a premanufactured display case that fits the opening on the door schedule for the trophy cabinet: 100t 6'x9' and be similar in design to the photo attached.



- E. Question: We need communications and special systems drawings for electrical contractors if they are required.
- Answer: See Sheet E301 and the specs.

1.5 REVISIONS TO DIVISION 00 – PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS

- A. DOCUMENT 004113 – BID FORM (Re-Issued). Delete this form in its entirety and replace it with new. See attached. Removed all ESSER notes and changed completion date.

1.6 REVISIONS TO DRAWINGS

- A. Sheet C-4.0 – Site Plan (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Added additional dimensions.
- B. Sheet C-4.1 – Site Plan (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Added additional dimensions in various locations. Removed multileaders in two locations.
- C. Sheet C-5.1 – Construction Details (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Made revisions to Details 17 and 19.
- D. Sheet S-001 – Structural Notes and Drawing Index (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Updated drawings.
- E. Sheet S-101 – Foundation Plan (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Updated drawings.
- F. Sheet S-202 – Framing Sections and Details (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Updated drawings.
- G. Sheet S-203 – Foundation Sections and Details (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Updated drawings.
- H. Sheet E-000 – Electrical Legend (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Added a surge protection device and ground to new panel 'MDP'.
- I. Sheet E-001 – Electrical Details (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Updated ground detail.
- J. Sheet E-003 – Panel Schedules (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Added 30/3 breaker in panel 'MDP' for surge protection device.

1.7 ATTACHMENTS

- A. This Addendum includes the following attached Specifications:
 - 1. Section 004113 – Bid Form dated 7 July 2023.
- B. This Addendum includes the following attached Drawings:
 - 1. Sheet C-4.0 – Site Plan dated 10 July 2023.
 - 2. Sheet C-4.1 – Site Plan dated 10 July 2023.
 - 3. Sheet C.5-1 – Construction Details dated 10 July 2023.
 - 4. Sheet S-001 – Structural Notes and Drawing Index dated 10 July 2023.
 - 5. Sheet S-101 – Foundation Plan dated 10 July 2023.
 - 6. Sheet S-202 – Framing Sections and Details dated 10 July 2023.

7. Sheet S-203 – Foundation Sections and Details dated 10 July 2023.
8. Sheet E-000 – Electrical Legend dated 10 July 2023.
9. Sheet E-001 – Electrical Details dated 10 July 2023.
10. Sheet E-003 – Panel Schedules dated 10 July 2023.

END OF ADDENDUM THREE

DOCUMENT 004113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Project Name: 22062 Picayune Multipurpose and Band Hall Renovation.
- C. Project Location: 800 Fifth Ave, Picayune, MS 39466.
- D. Owner: Picayune School District, 706 Goodyear Blvd., Picayune, Mississippi 39466.
 - 1. Owner's Representative: Dean Shaw, Superintendent.
- E. Architect: Dale | Bailey Architects, An Association, One Jackson Place, Suite 250, 188 East Capitol Street, Jackson, MS 39201.
- F. Architect Project Number: 22062.

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Dale | Bailey, An Association, and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:
 - 1. _____ Dollars
(\$_____).

1.3 ALLOWANCES. Include the allowances below in the base bid. Refer to section 012100-ALLOWANCES.

- A. Allowance No. 01: Lump Sum Contingency Allowance of Two Hundred Thousand Dollars (\$200,000.00).
- B. Allowance No. 02: Lump Sum Hardware Allowance of Thirty-Six Thousand Eight Hundred Dollars (\$36,800.00).

1.4 UNIT RATES. Refer to Section 012200 - Unit Prices for description of unit Prices.

- A. Unit Price 01: Cost to pour concrete slab per cubic foot.
\$ _____ / Cubic Foot.

- B. Unit Price 02: Cost to pour sidewalk per cubic foot.
\$ _____ / Cubic Foot.
- C. Unit Price 03: Cost to install 4-foot chain link fencing with double access gate per linear foot.
\$ _____ / Linear Foot.
- D. Unit Price 04: Cost to replace existing damaged vinyl faced insulation in new band hall per square foot.
\$ _____ / Square Foot.

1.5 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 90 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:
 - 1. _____ Dollars
(\$ _____).
- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.6 SUBCONTRACTORS AND SUPPLIERS

- A. The following companies shall execute subcontracts for the portions of the Work indicated:

PLUMBING CONTRACTOR - Indicate: Non-DBE Firm, MBE Firm or WBE Firm

Name: _____ License Number: _____

HVAC CONTRACTOR - Indicate: Non-DBE Firm, MBE Firm or WBE Firm

Name: _____ License Number: _____

ELECTRICAL CONTRACTOR - Indicate: Non-DBE Firm, MBE Firm or WBE Firm

Name: _____ License Number: _____

(OTHER CONTRACTOR) - Indicate: Non-DBE Firm, MBE Firm or WBE Firm

Name: _____ License Number: _____

(OTHER CONTRACTOR) - Indicate: Non-DBE Firm, MBE Firm or WBE Firm

Name: _____ License Number: _____

1.7 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect and shall fully complete the Work by Substantial Completion Date June 30, 2024.

1.8 ACKNOWLEDGMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:
 1. Addendum No. 1, dated _____.
 2. Addendum No. 2, dated _____.
 3. Addendum No. 3, dated _____.
 4. Addendum No. 4, dated _____.

1.9 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid Form and are attached hereto.
 1. Bid Form Supplement - Bid Bond Form (AIA Document A310-2010).
 2. Form of Non-Collusion Affidavit. (Specification 004105). Mandatory.
 3. Debarment Verification Form. (Specification 000820 Federal Requirements).

1.10 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in Mississippi, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

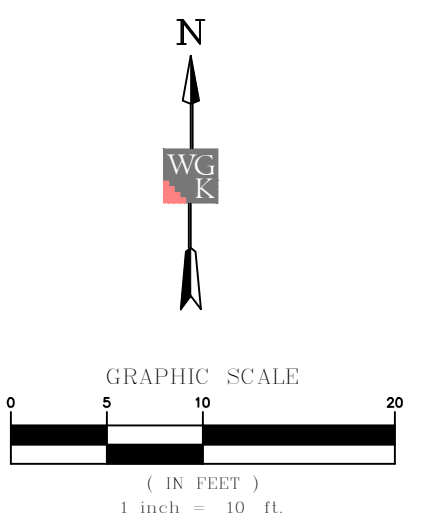
1.11 SUBMISSION OF BID

- A. Respectfully submitted this _____ day of _____, 2023.
- B. Submitted By: _____ (Name of bidding firm or corporation).

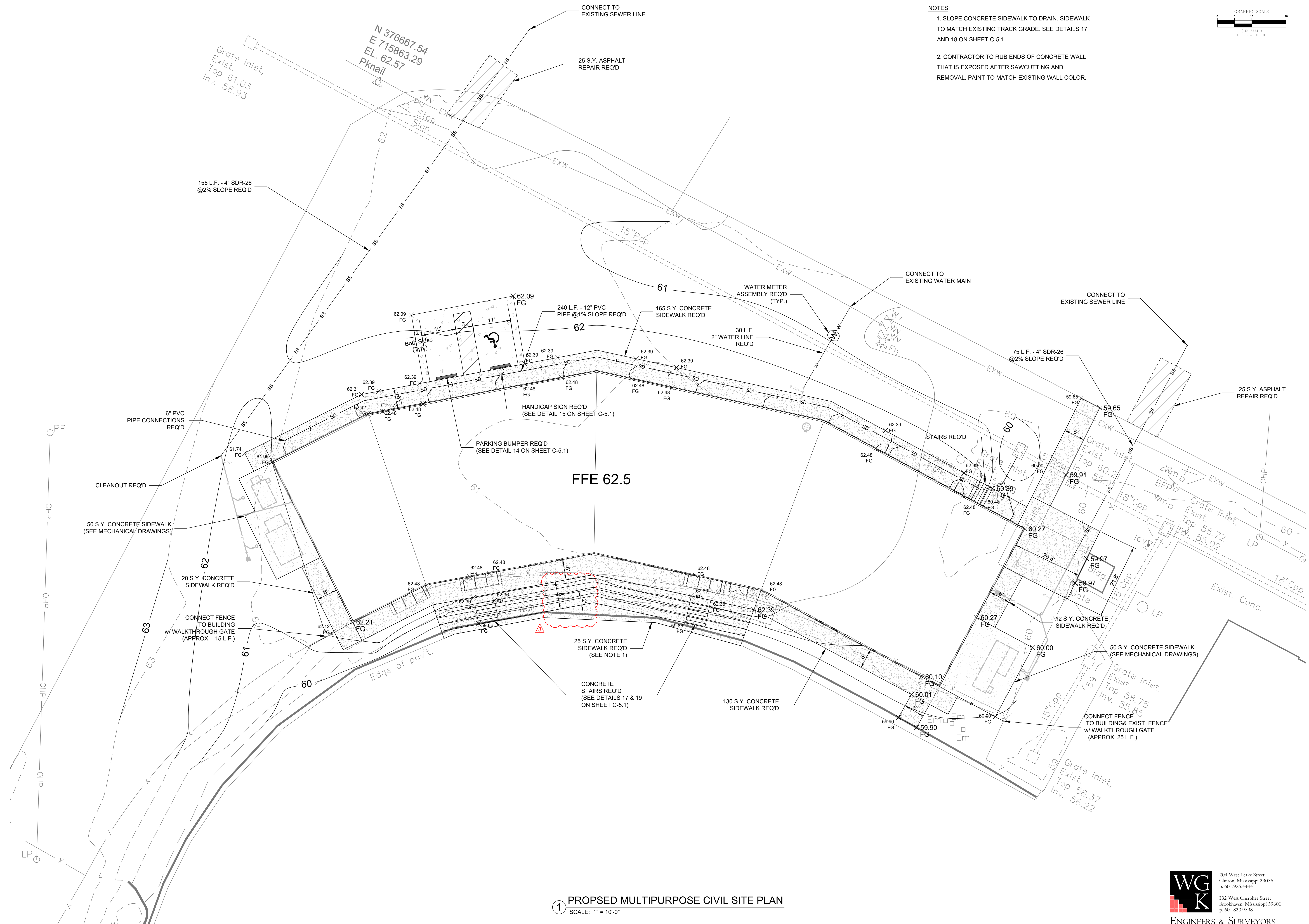
Addendum Two
Picayune Multipurpose and Band
Hall Renovation
Picayune, Mississippi

- C. Authorized Signature: _____ (Handwritten signature).
- D. Signed By: _____ (Type or print name).
- E. Title: _____ (Owner/Partner/President/Vice President).
- F. Witnessed By: _____ (Handwritten signature).
- G. Attest: _____ (Handwritten signature).
- H. By: _____ (Type or print name).
- I. Title: _____ (Corporate Secretary or Assistant Secretary).
- J. Email: _____.
- K. Street Address: _____.
- L. City, State, Zip: _____.
- M. Phone: _____.
- N. License No.: _____.
- O. Federal ID No.: _____ (Affix Corporate Seal Here).

END OF DOCUMENT 004113



- NOTES:**
1. SLOPE CONCRETE SIDEWALK TO DRAIN. SIDEWALK TO MATCH EXISTING TRACK GRADE. SEE DETAILS 17 AND 18 ON SHEET C-5.1.
 2. CONTRACTOR TO RUB ENDS OF CONCRETE WALL THAT IS EXPOSED AFTER SAWCUTTING AND REMOVAL. PAINT TO MATCH EXISTING WALL COLOR.

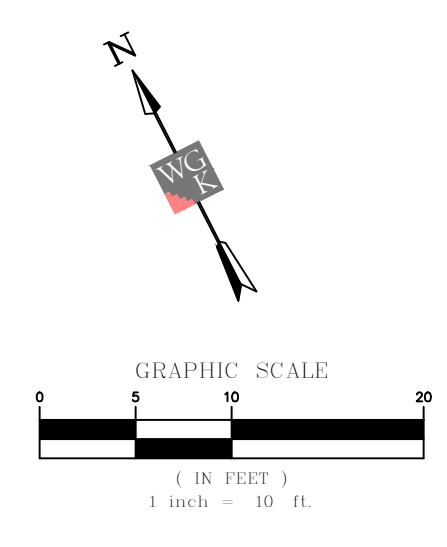


Picayune High School Multipurpose and Band
22062 Picayune High School
Band and Multipurpose
Picayune, MS

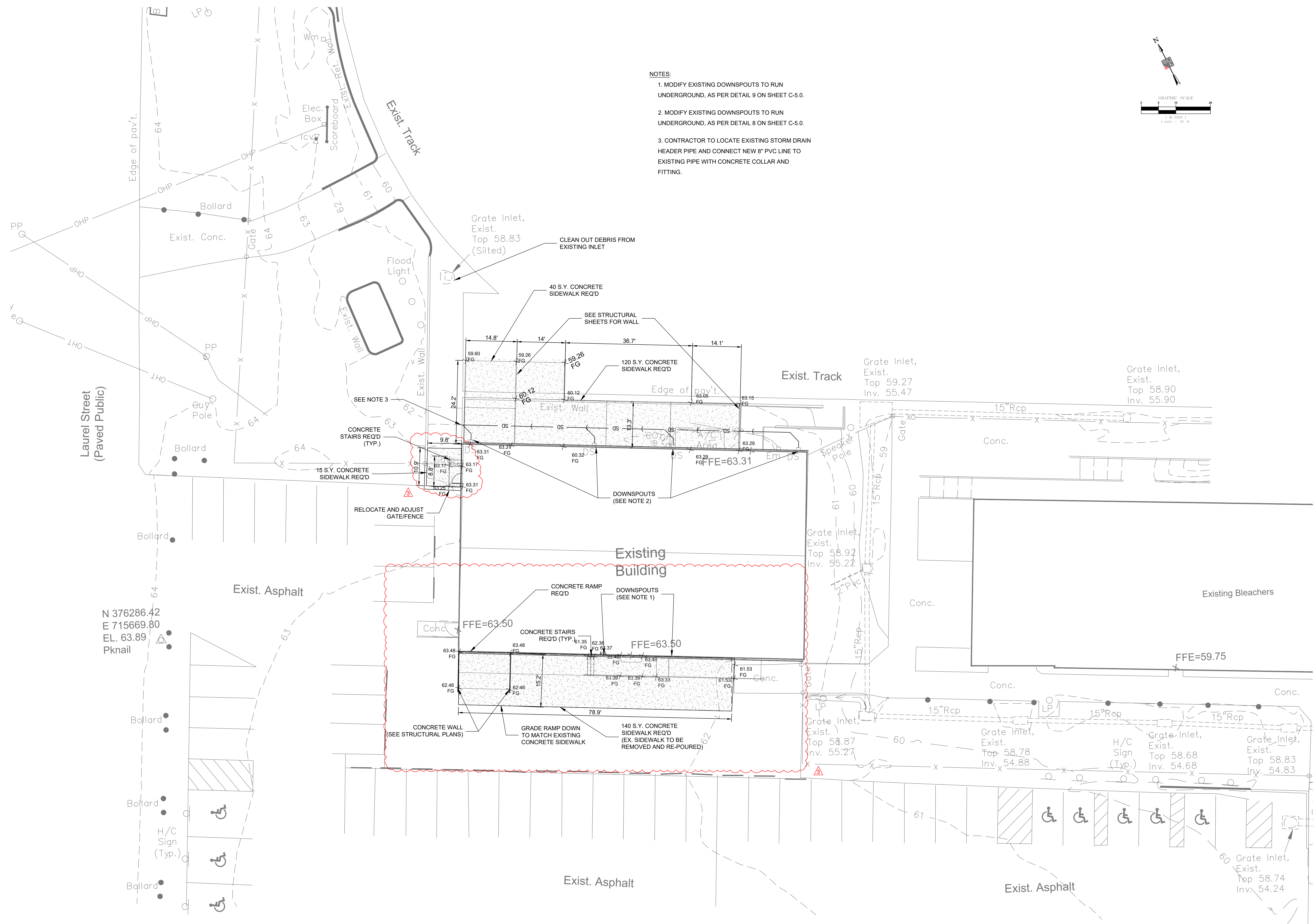
Construction Documents

Project No	22062
Date	14 June 2023
Revisions	Rev Date
Addendum #3	07/10/2023

1 PROPOSED MULTIPURPOSE CIVIL SITE PLAN
SCALE: 1" = 10'-0"



- NOTES:**
1. MODIFY EXISTING DOWNSPOUTS TO RUN UNDERGROUND, AS PER DETAIL 9 ON SHEET C-5.0.
 2. MODIFY EXISTING DOWNSPOUTS TO RUN UNDERGROUND, AS PER DETAIL 8 ON SHEET C-5.0.
 3. CONTRACTOR TO LOCATE EXISTING STORM DRAIN HEADER PIPE AND CONNECT NEW 8" PVC LINE TO EXISTING PIPE WITH CONCRETE COLLAR AND FITTING.

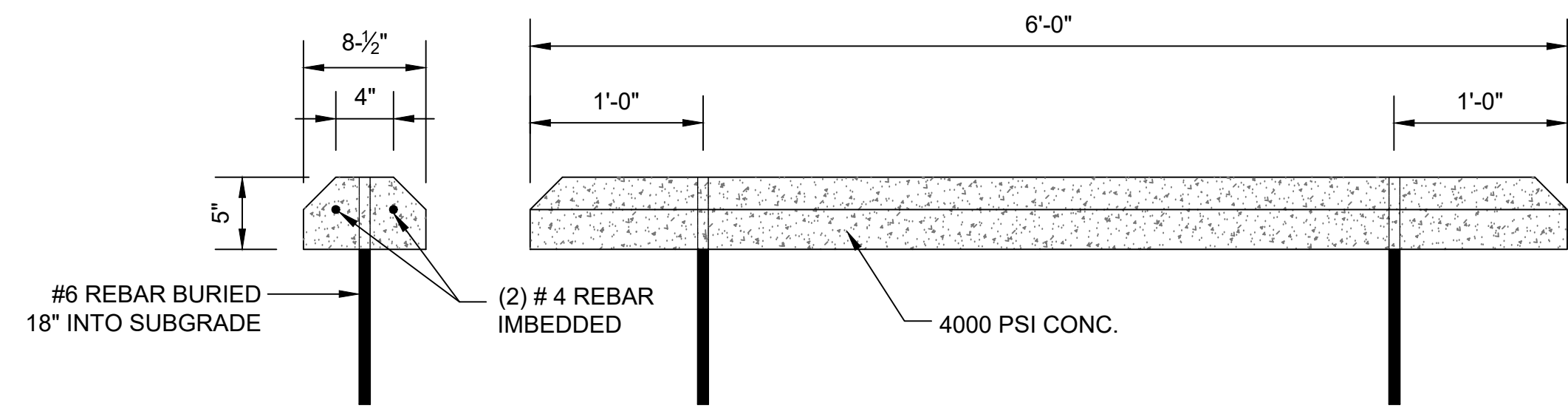


Picayune High School Multipurpose and Band
22062 Picayune High School
Band and Multipurpose
Picayune, MS

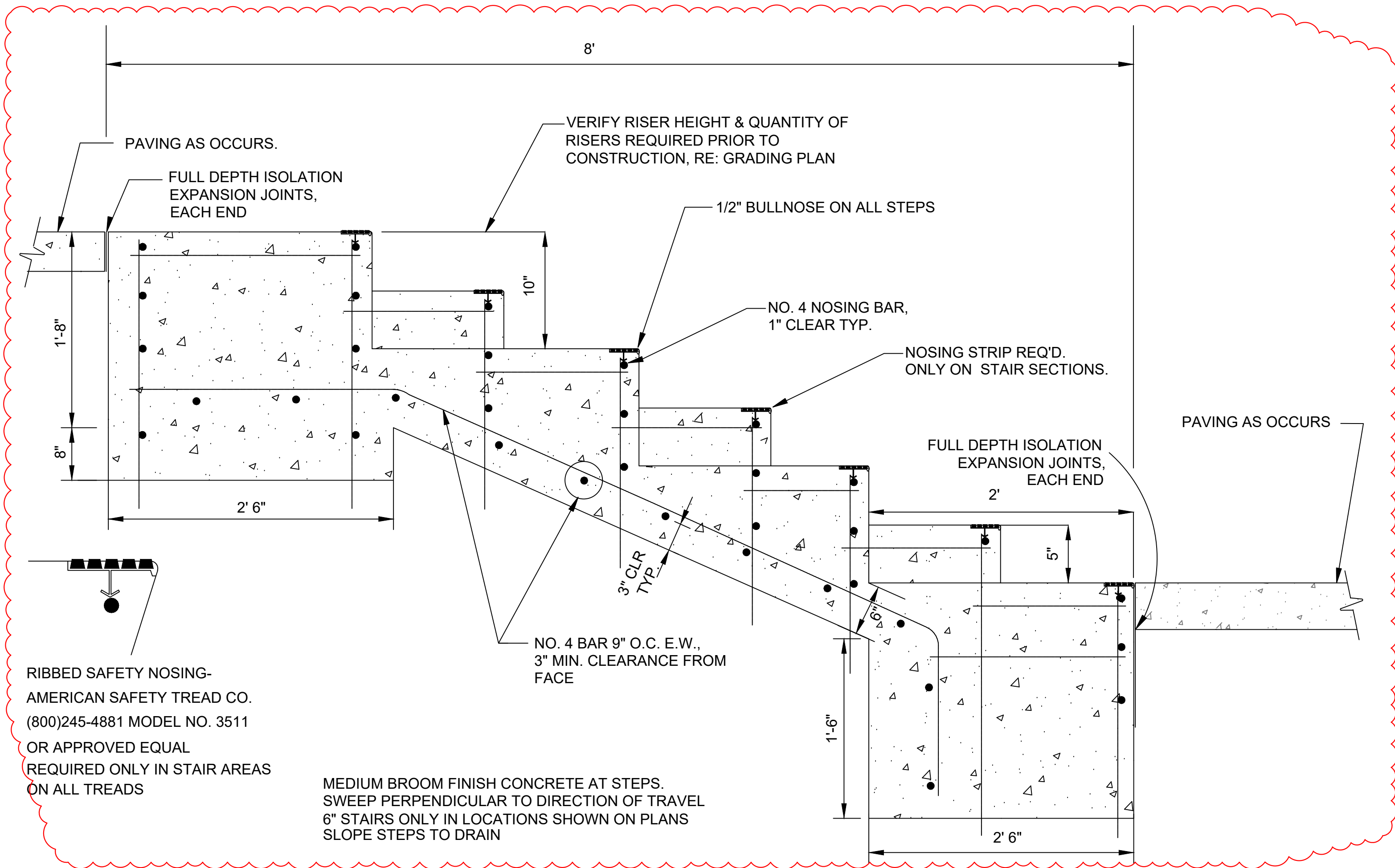
Construction Documents

Project No	22062
Date	14 June 2023
Revisions	Rev Date
Addendum #3	07/10/2023

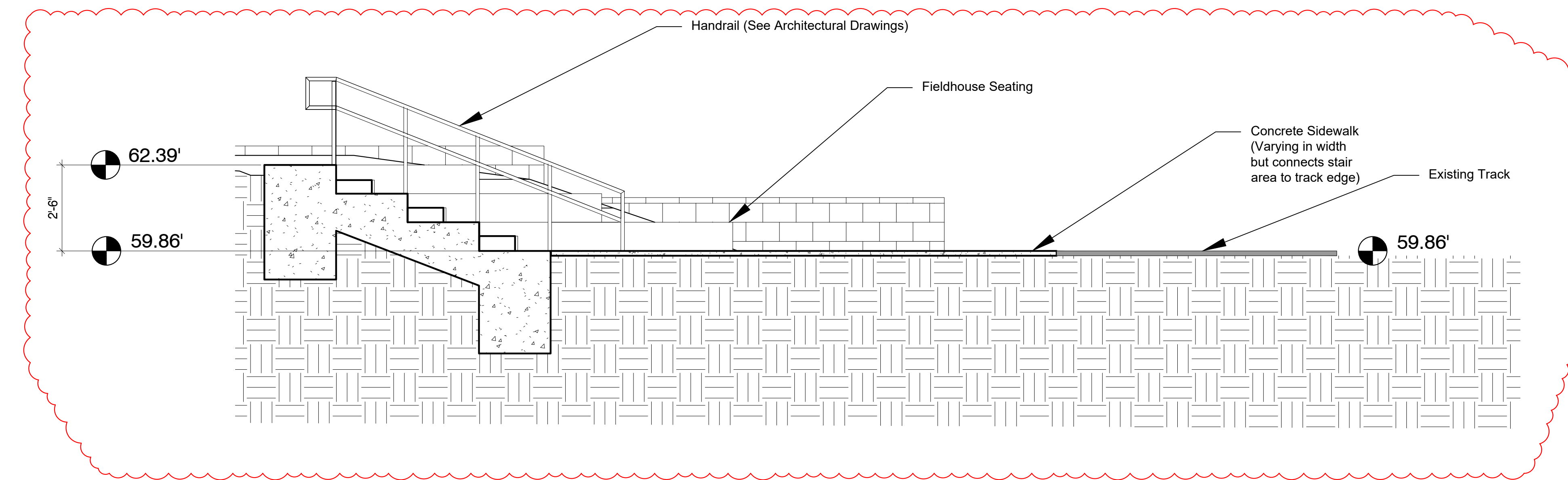
2 EXISTING FIELD HOUSE CIVIL SITE PLAN
SCALE: 1" = 10'-0"



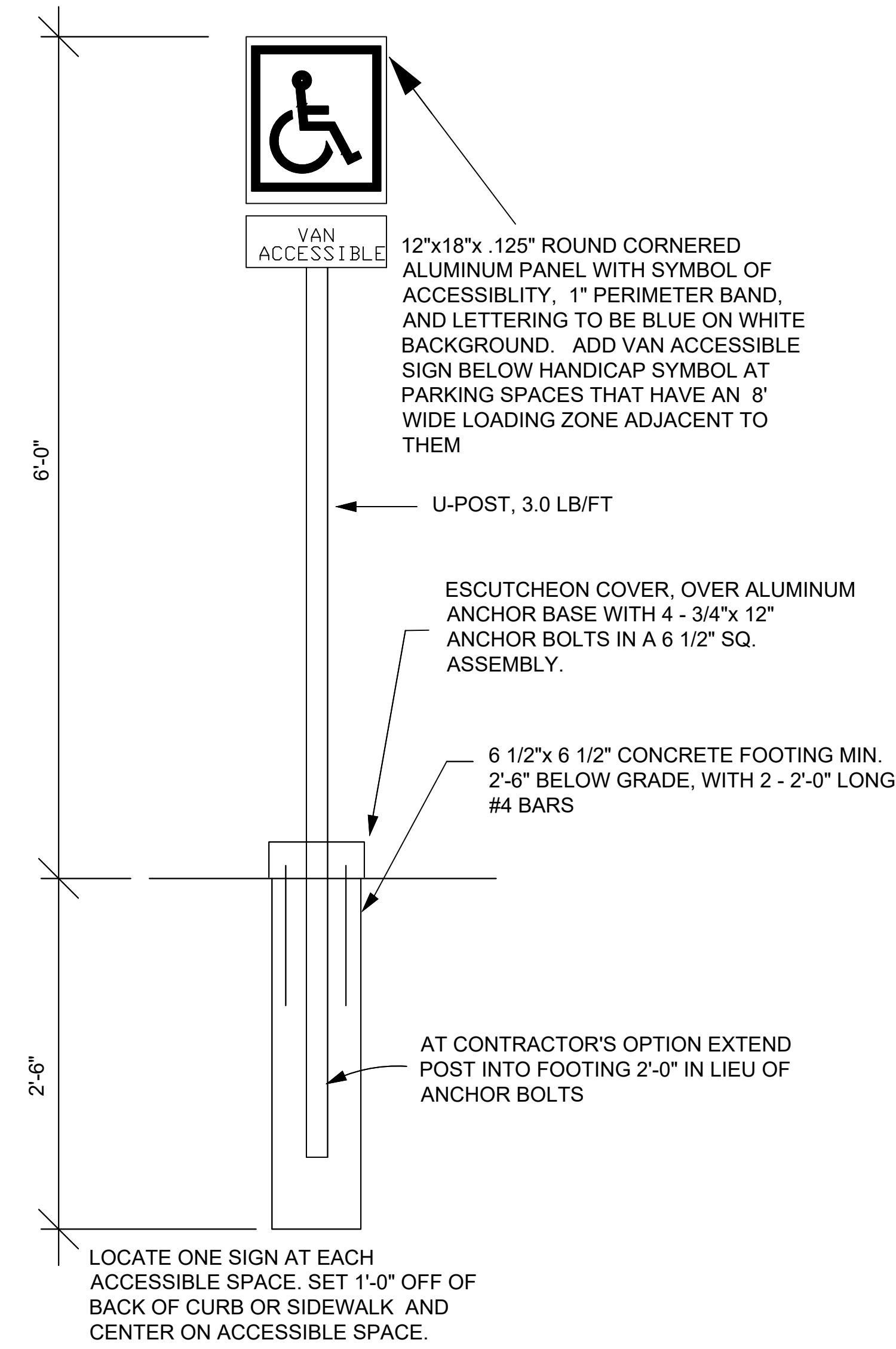
14 PARKING BUMPER DETAIL
NOT TO SCALE



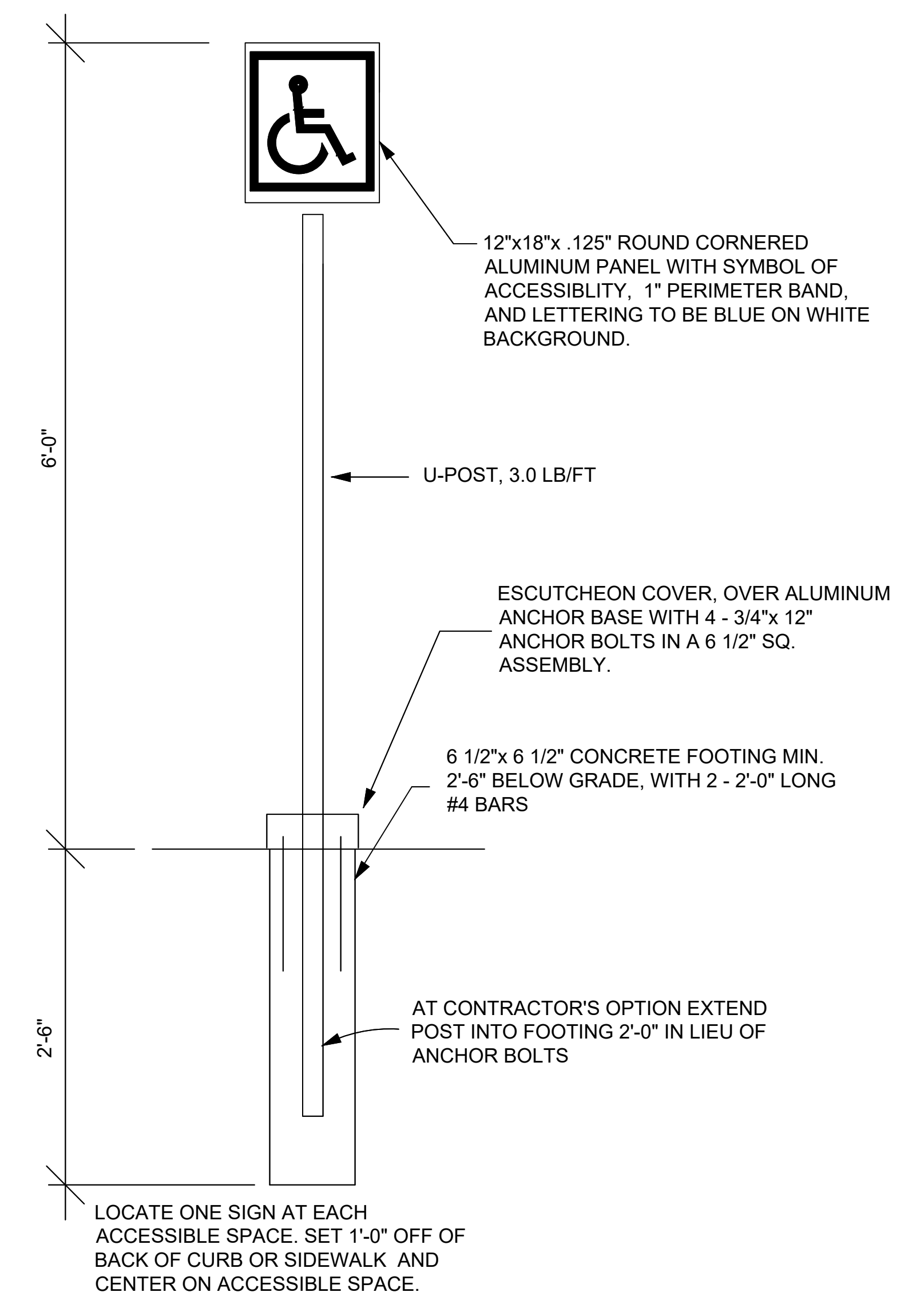
17 STAIRS DETAIL
N.T.S.



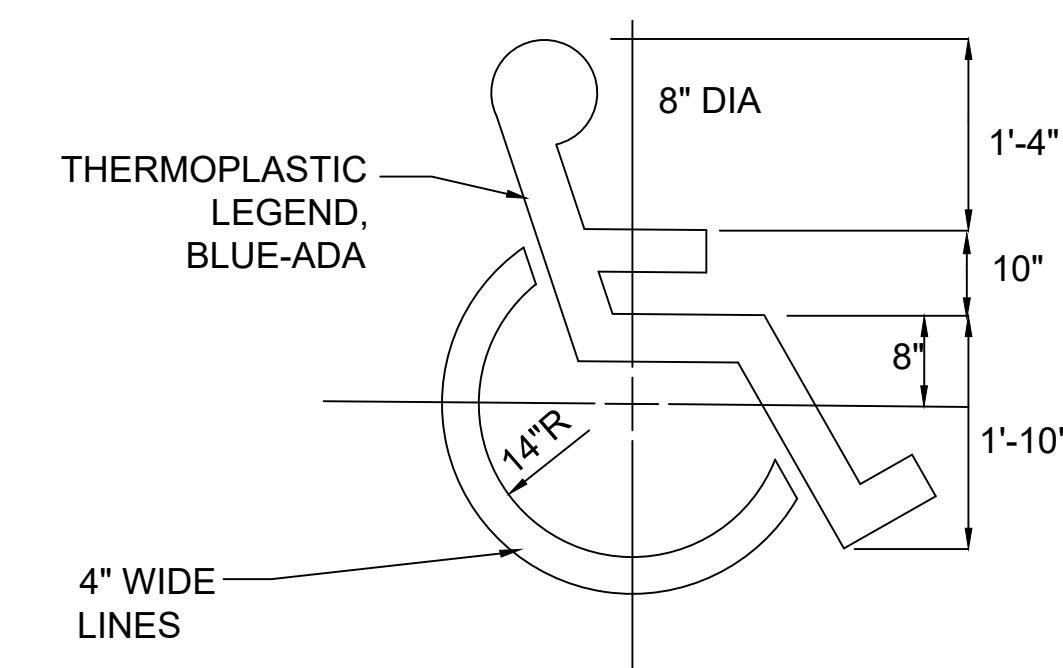
19 FIELDHOUSE SEATING DETAIL
N.T.S.



15 VAN ACCESSIBILITY SIGNAGE DETAIL
N.T.S.



16 ACCESSIBILITY SIGNAGE DETAIL
N.T.S.



18 HANDICAP SYMBOL
N.T.S.

STRUCTURAL NOTES

THE STRUCTURAL NOTES DEFINE GENERAL DESIGN AND MATERIAL REQUIREMENTS AND ARE INTENDED TO SUPPLEMENT, BUT NOT REPLACE, THE PROJECT SPECIFICATIONS

DESIGN CRITERIA

- Building Code: 2018 International Building Code and ASCE 7-16 (except Chapter 14)

1.1. Building Risk Category: III

2. Design Loads

2.1. Uniform Floor Live Loads (reduced per Building Code, UNO)

Partitions	20 psf (except when live load > 80 psf)
General Areas	100 psf
Corridors/Lobbies	100 psf
Offices	50 psf
Storage	125 psf

2.2. Concentrated Floor Live Loads (distributed over 2.5 ft x 2.5 ft, UNO)

Schools	1,000 lbs
---------	-----------

2.3. Roof Loads

2.3.1. Uniform Roof Live Load (reduced per Building Code)	20 psf
Concentrated Roof Live Load	300 lbs

2.3.2. Rain Loads: Rain Intensity, $i = 8.66$ in/hr (15-min duration/ 100 yr MRI)

2.4. Wind Loads:

Basic Wind Speed $V_{ult} = 152$ mph; $V_{asd} = 118$ mph
Wind Importance Factor = 1.00
Wind Exposure C
Internal Pressure Coefficient, $GC_{pi} = +/-0.18$ (Enclosed Building)
Directionality Factor, $K_d = 0.85$

2.4.1. Component and Cladding Pressures (psf)

Wall C&C Pressures (PSF)		
Eff. Area (sq. ft.)	Zone 4	Zone 5
10	+48.1 / -52.1	+48.1 / -64.1
20	+45.9 / -49.9	+45.9 / -59.8
50	+43.1 / -47.1	+43.1 / -54.2
100	+41 / -45	+41 / -49.9
200	+38.9 / -42.9	+38.9 / -45.7
500	+36 / -40.1	+36 / -40.1

Roof C&C Pressures (PSF)					
Eff. Area (sq. ft.)	Zone 1	Zone 2	Zone 2'	Zone 3	Zone 3'
10	+21.4 / -57	+21.4 / -65.9	+21.4 / -79.2	+21.4 / -88.1	+21.4 / -123.7
20	+20 / -57	+20 / -64.5	+20 / -77.9	+20 / -80.1	+20 / -110.3
50	+18.3 / -57	+18.3 / -62.8	+18.3 / -76.1	+18.3 / -69.5	+18.3 / -92.6
100	+16.9 / -57	+16.9 / -61.4	+16.9 / -74.8	+16.9 / -61.4	+16.9 / -79.2
200	+16.9 / -57	+16.9 / -61.4	+16.9 / -74.8	+16.9 / -61.4	+16.9 / -79.2
500	+16.9 / -57	+16.9 / -61.4	+16.9 / -74.8	+16.9 / -61.4	+16.9 / -79.2

2.5. Earthquake Loads:

Seismic Importance Factor, $I = 1.00$
Mapped Spectral Response Accelerations, S_s and $S_1 = 0.093$ and 0.06
Site Class: D
Spectral Response Coefficients, S_{DS} and $S_{D1} = 0.1$ and 0.096
Seismic Design Category: B

- Structural Engineer is not responsible for the design of steel stairs, handrails, curtain wall/window wall systems, cold-formed steel framing, or other systems not shown in the Structural Documents. Such systems shall be designed, furnished, and installed as required by other portions of the Construction Documents.

- Steel floor and roof assemblies and individual beams shall be considered "Restrained" (ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials) for determining fireproofing thickness.

- No explicit provisions have been made for future building expansion.

GENERAL

- Reference to standards or specifications of technical societies, organizations, or associations means the standard or specification referenced by the governing Building Code shown on the Drawings, unless specifically noted otherwise.

- Material, workmanship, and design shall conform to the referenced Building Code.

- For dimensions not shown in the Structural Drawings, see the Architectural Drawings.

- Contractor responsibilities include, but are not limited to, the following:

- Coordinate the Structural Documents with the Architectural, Mechanical, Electrical, Plumbing, and Civil Documents. Architect/Structural Engineer shall be notified of any discrepancy or omission prior to installation of associated work.

- Coordinate Structural Documents with Architectural and MPE Documents for location and quantity of miscellaneous framing for items such as roof drains, suspended or supported mechanical units, window washing roof anchors, etc. Refer to Architectural and MPE Documents for additional miscellaneous structural elements that may not appear in the Structural Documents.

- Equipment/Framing Verification

- 4.3.1 Mechanical Equipment: Submit actual weights of equipment to be used for review at least 3 weeks prior to fabrication and construction. Coordinate opening sizes and locations with Mechanical Contractor.

- The structure is stable only in its completed form. Temporary supports required for stability during all intermediate stages of construction shall be designed, furnished, and installed by the Contractor.

- Contractor has sole responsibility for jobsite safety and complying with all health and safety precautions as required by any regulatory agency. In performing construction observation visits to the jobsite, the Structural Engineer will have no control over, nor responsibility for, the Contractor's means, methods, sequences, techniques, or Procedures in performing the work.

- Contractor is responsible for locating concrete reinforcement prior to installation of post-installed anchors, through bolts, or other post-installed items in concrete. Existing reinforcement including post-tensioning tendons shall not be cut or otherwise damaged while installing post-installed anchors.

- Existing and Unforeseen Conditions

- Contractor shall field verify all existing conditions, elevations, and site conditions prior to construction and fabrication. Contractor shall immediately notify Structural Engineer of any existing conditions that are in conflict with the Structural Documents.

- Shop drawing submittals shall be based on field verified dimensions and conditions only. Contractor shall clearly show actual field dimensions on shop drawings.

SUBMITTALS

- Shop Drawings and Submittals

- 1.1 Reproduction of Structural Drawings for shop drawings is not permitted.
- 1.2 Electronic drawing files will not be provided to the Contractor without a signed release form agreeing to indemnify, defend, and hold harmless SDG against all claims, liabilities, costs, and expenses out of any use, misuse, reuse, misrepresentation, or modification of the files.

- 1.3 Review of shop drawings will be for conformance with the Construction Documents regarding arrangement and sizes of members and the Contractor's interpretation of the design loads, if applicable, and Construction Document details. Such review shall not relieve the Contractor of the full responsibility to comply with the Construction Documents.

2. Submittals

- 2.1 The Structural Quality Assurance Plan and Specifications identify the required submittals. Prior to (or with) the first submittal, Contractor shall submit a list of all required submittals for Engineer's review.

3. Deferred Submittals

- 3.1 Deferred Submittals include those portions of the project that are furnished by the Contractor and designed by someone other than the Engineer of Record and are submitted at the time of the application. Deferred Submittals shall be submitted to the Building Official prior to fabrication and installation.

- 3.2 Submittal documents for Deferred Submittals:

- 3.2.1 Shall be included in the Contractor's scope of services and shall be sealed by an Engineer licensed in the project state. Design of Deferred Submittals shall be in accordance with the governing Building Code indicated above.

- 3.2.2 Shall be submitted to the registered design professional in responsible charge who shall review them and forward to the Building Official with a notation indicating the deferred submittal documents have been reviewed and that they have been found in general conformance with the design of the building. Deferred submittal items shall not be installed until the design and submittal documents have been approved by the Building Official.

- 3.3 The following shall be considered Deferred Submittals:

- Steel Connections - See "Structural Steel" Section
- Cold-Formed Exterior Steel Stud Framing
- Curtainwall/Window Wall Systems
- Metal Building System
- Pre-engineered Canopies

FOUNDATION

- Geotechnical Report: Picayune Memorial High School GM Technical Building (Site 2)

Prepared by: W Geotechnical and Testing, Inc.
Report No. G-1311S, Dated March 23, 2023

- 1.1 It is recommended that the Contractor become familiar with the subsurface conditions that will be encountered and obtain a copy of the geotechnical report and any supplemental reports. The report(s) may be included as a reference document within the construction documents. Otherwise the Contractor shall contact the Owner to obtain a copy of the report(s).

2. Building Pad Preparation

- 2.1 Strip vegetation and topsoil.
- 2.2 Proofroll building areas with a minimum of two complete coverages of a loaded dump-truck or scraper in each of two perpendicular directions. Replace soft areas with compacted structural fill.

3. Soil Bearing Capacity: Isolated Footings 2000 psf

REINFORCEMENT

- Reinforcing Bars: ASTM A615, Grade 60

- 1.1 Reinforcing bars are not to be welded.

2. Welded Wire Reinforcement (WWR): ASTM A1064, 8" minimum side and end laps

3. Reinforcement Placement (UNO)

- 3.1 Concrete Reinforcement Cover
Below Grade: Unformed 3" clear
Formed 2" clear
Slabs 3/4" clear

4. Reinforcement Splices

- 4.1 Reinforcement marked "Continuous" can be spliced at locations determined by Contractor. All other reinforcement shall be spliced only at locations shown or noted, unless approved in writing by Structural Engineer.

- 4.2 Splice Lengths (UNO)
Concrete Reinforcement: Class B Tension Lap

CAST-IN-PLACE CONCRETE

- Concrete Properties

- 1.1 Normal Weight Structural Concrete

	28-Day, fc (min.)	w/cm Ratio (max.)	Entrained Air
Footings (Isolated / Continuous)	3,000 psi	---	None Required
Slabs-on-Ground	3,500 psi	0.48	None Required
All Other Structural Concrete	5,000 psi	0.40	5.0 +/- 1.5%

Note: All concrete shall be assigned the Exposure Classes F0, S0, W-0, and C0; except concrete in Aggressive Environment shall be assigned the exposure classes F3, S3, W1, and C2 (see ACI 318). Minimum properties required due to Exposure Class shall govern if more restrictive than the properties given in the Table above.

2. Construction Joint Locations: No horizontal construction joints are permitted except as shown on the Structural Drawings. Obtain written consent for additional joints.

3. Pipes or ducts shall not exceed one-third the slab thickness unless specifically detailed. See mechanical and electrical drawings for location of sleeves, accessories, etc.

- 3.1 Conduit shall not be placed within the slab-on-ground. Conduit shall be installed below the slab-on-ground within the granular subbase.

4. Special Finishes: Refer to Architectural Drawings for molds, grooves, ornaments, clips or grounds required to be encased in concrete and for location of floor finishes and slab depressions.

5. Defect Repair: Honey-combing, spalls, cracks, etc. shall be repaired. Extent of defective area to be determined by the Structural Engineer.

6. Curing

- 6.1 Begin curing procedures immediately following commencement of the finishing operation.
- 6.2 Concrete shall be moist cured in accordance with ACI 308. See Specification for additional information.

- 6.3 All concrete slabs that are to have exposed stained or polished concrete finish shall be wet cured a minimum of 7 days in strict accordance with ACI 301. The acceptable methods of wet curing are ponding, continuous fogging, continuous sprinkling; or application of mats or fabric kept continuously wet.

STRUCTURAL STEEL

- Steel Shapes

- 1.1 Angles, Channels, Plates, UNO: ASTM A36
- 1.2 Square/Rectangular/Round Hollow Structural Sections (HSS): ASTM A500, Grade B

2. Structural steel shall be fabricated and erected according to the "Specification for Structural Steel Buildings" referenced in the referenced Building Code.

3. Connections shall be detailed based on the design information provided in the Structural Documents.

- 3.1 Standard Shear Connections: Detail as bolted or welded double-angle, single-plate, single-angle, or tee connections in accordance with the connection tables in the "Manual of Steel Construction" referenced in the referenced Building Code.

- 3.1.1 Shear connections not defined in the AISC Manual shall be designed by an Engineer licensed in the project state. This design service shall be included in the Contractor's scope of services. Shop drawings of such connections shall be sealed by the Engineer, completed prior to and submitted with the Structural Steel Shop Drawings.

- 3.2 Welded Connections: Prequalified welded joints in accordance with AISC and the Structural Welding Code of the American Welding Society; "Non-prequalified joints" shall be qualified prior to fabrication.

- 3.3 Factored Design Forces/Reactions: As shown on the Structural Drawings or, if not shown, the factored design reaction shall be half of the "Maximum Total Uniform Load (LRFD)" tabulated in the "Manual of Steel Construction" referenced in the referenced Building Code.

4. Shop Drawings: Submittal shall adequately depict structural members and connections.

5. Welders shall be qualified for the work performed in accordance with AWS D1.1. Welder qualifications shall be certified by the local building authority and verified by the Contractor and the Special Inspector.

6. Galvanizing

- 6.1 Galvanize environmentally exposed steel, for example mechanical equipment supports and screenwalls.

- 6.2 Galvanized members shall have proper treatment performed to accept paint.

- 6.3 Touch-up welds and abrasions in galvanized members in accordance with ASTM A780

WOOD

- Structural framing plans depict the primary structural framing system. Contractor shall provide secondary and miscellaneous framing as required to complete the project (see architectural drawings).

- Dressed Seasoned Lumber: S4S, 19% maximum moisture content at time of dressing.

- 2.1. Post Columns:

Douglas Fir Larch, No. 2 grade

3. Engineered Lumber Products

- 3.1. Parallel Strand Lumber (PSL):

- 3.1.1. When Used as Beam
Allowable Bending Stress $F_b = 2900$ psi
Compression Perpendicular to Grain $F_{cper} = 750$ psi
Compression Parallel to Grain $F_{cpar} = 2900$ psi
Horizontal Shear $F_v = 290$ psi
Modulus of Elasticity $E = 2,000,000$ psi

4. Connections for Structural Timber: Galvanized strong-tie connectors by the Simpson Company or approved equal.

COLD-FORMED EXTERIOR STEEL STUD FRAMING

1. Design of cold-formed exterior steel non-load bearing studs and their connections shall be the sole responsibility of the Contractor. Design and shop drawing submittals shall comply with the Specifications. Shop drawings shall be sealed by an Engineer licensed in the Project state.

2. Cold-Formed Steel Design, Fabrication and Erection: Conform to AISI S100, "North American Specification for Design of Cold-Formed Steel Structural Members" reference in the referenced Building Code.

DRAWING INDEX	
SHEET	SHEET NAME
S-001	Structural Notes And Drawing Index
S-002	Structural Notes (Cont.)
S-003	Structural Quality assurance Plan
S-004	Structural Quality Assurance Plan (Cont.)
S-101	Foundation Plans
S-102	Roof and Mezzanine Framing Plan
S-201	Foundation Sections and Details
S-202	Framing Sections and Details
S-203	Foundation Sections and Details

Structural Design Group

Consulting Structural Engineers

220 Great Circle Road, Suite 106

Nashville, Tennessee 37228

A 615.255.5537

www.sdgroup.com

SDG Project No. 2023-042.00

© 2023

DALE BAILEY
AN ASSOCIATION

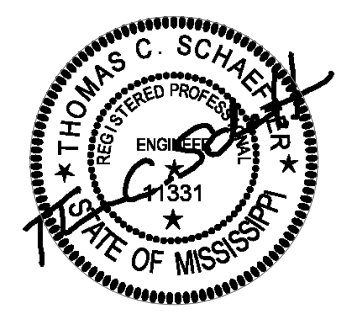
Architects

One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411

201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432

161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

dalebaileyplans.com



Picayune High School Multipurpose and Band Hall Renovation
22005 Picayune High School
Band and Multipurpose
Picayune, MS

100% CD'S

Project No 22062

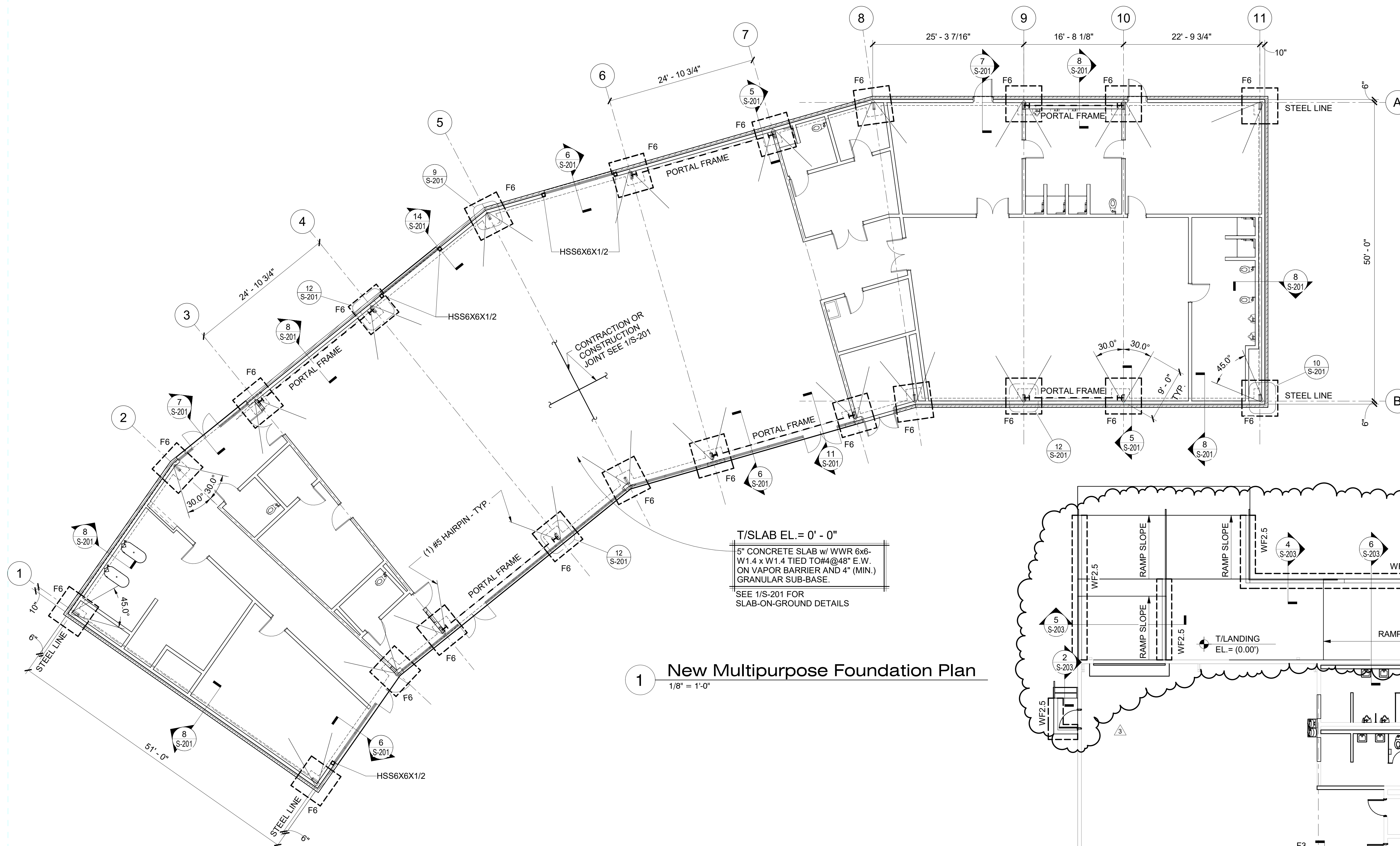
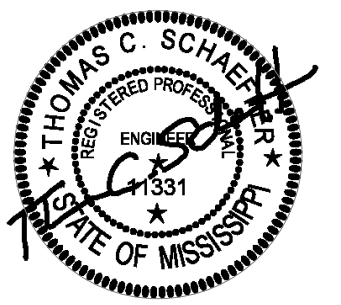
Date 14 June 2023

Revisions Rev Date

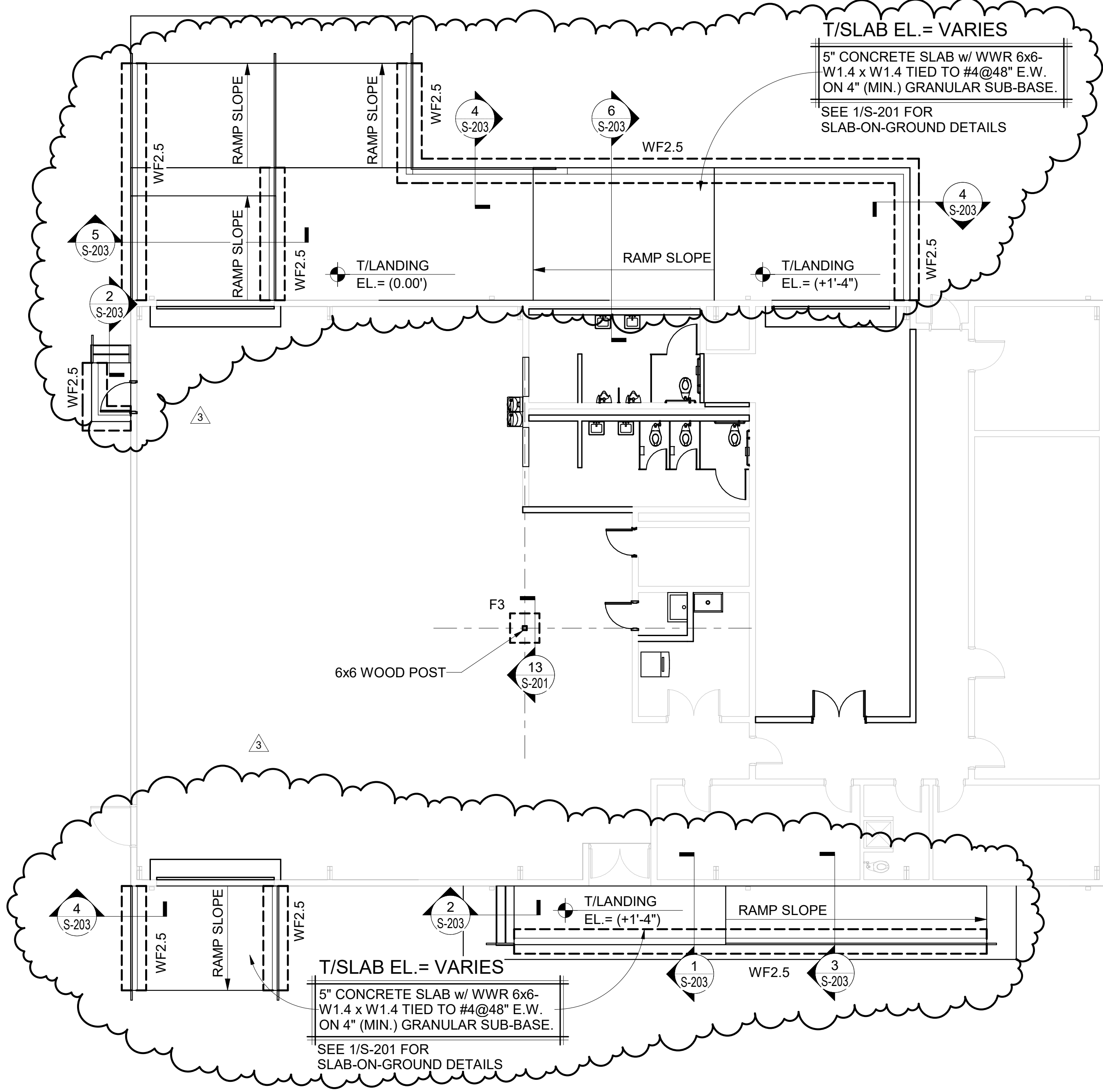
3 10 July 2023

S-001

Structural Notes And
Drawing Index



1 New Multipurpose Foundation Plan
1/8" = 1'-0"



2 Existing Building Foundation Plan
1/8" = 1'-0"

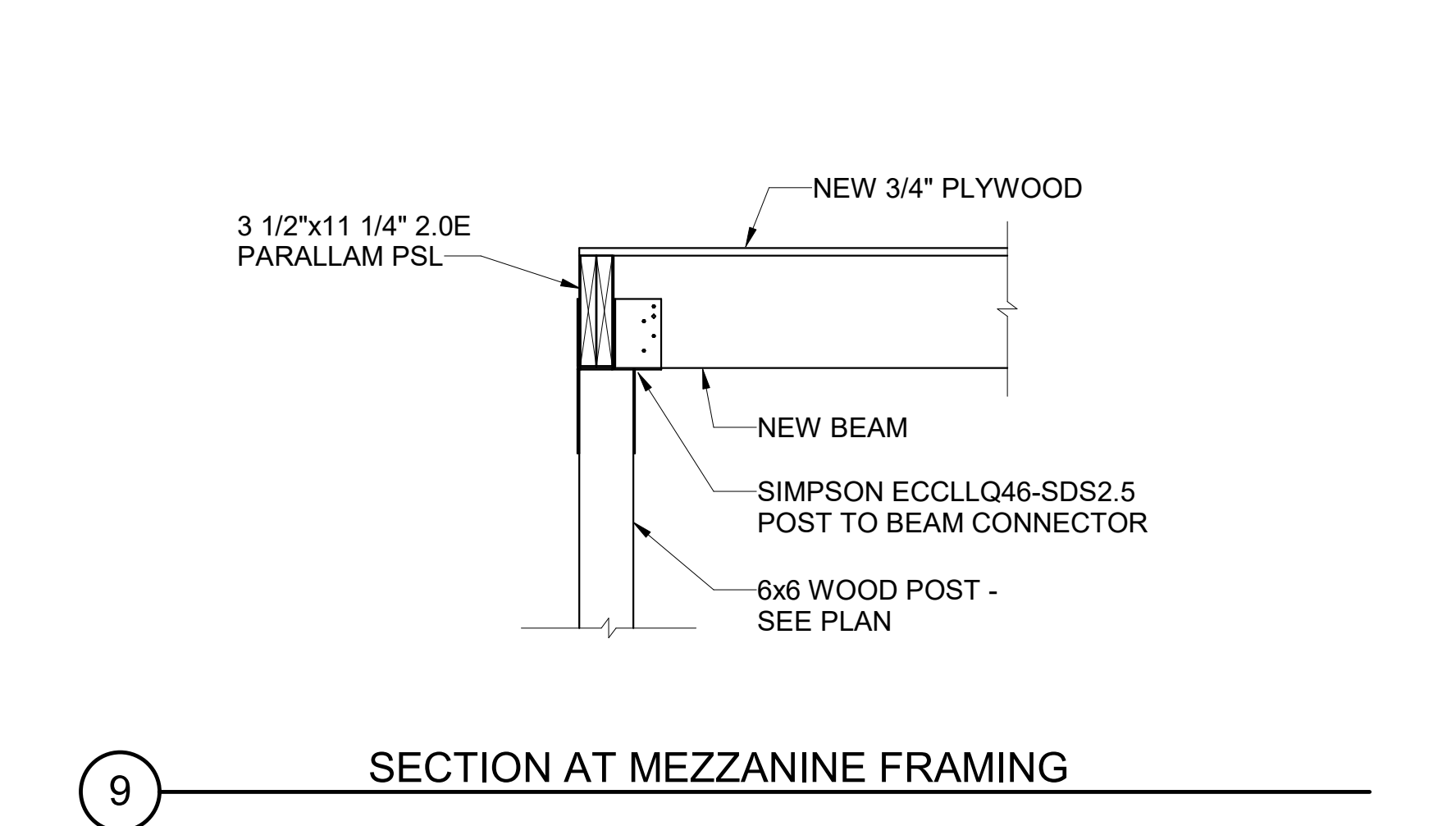
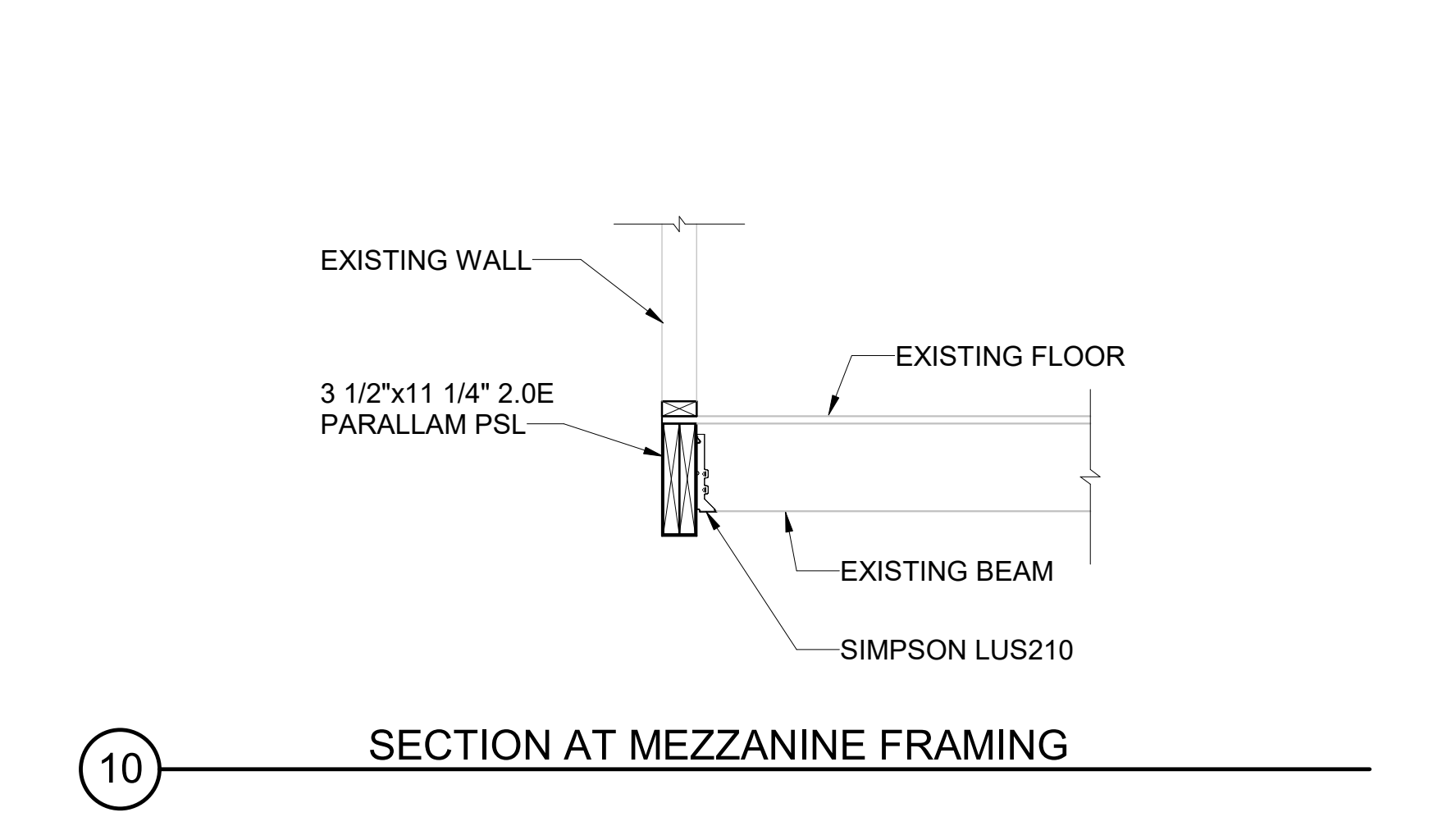
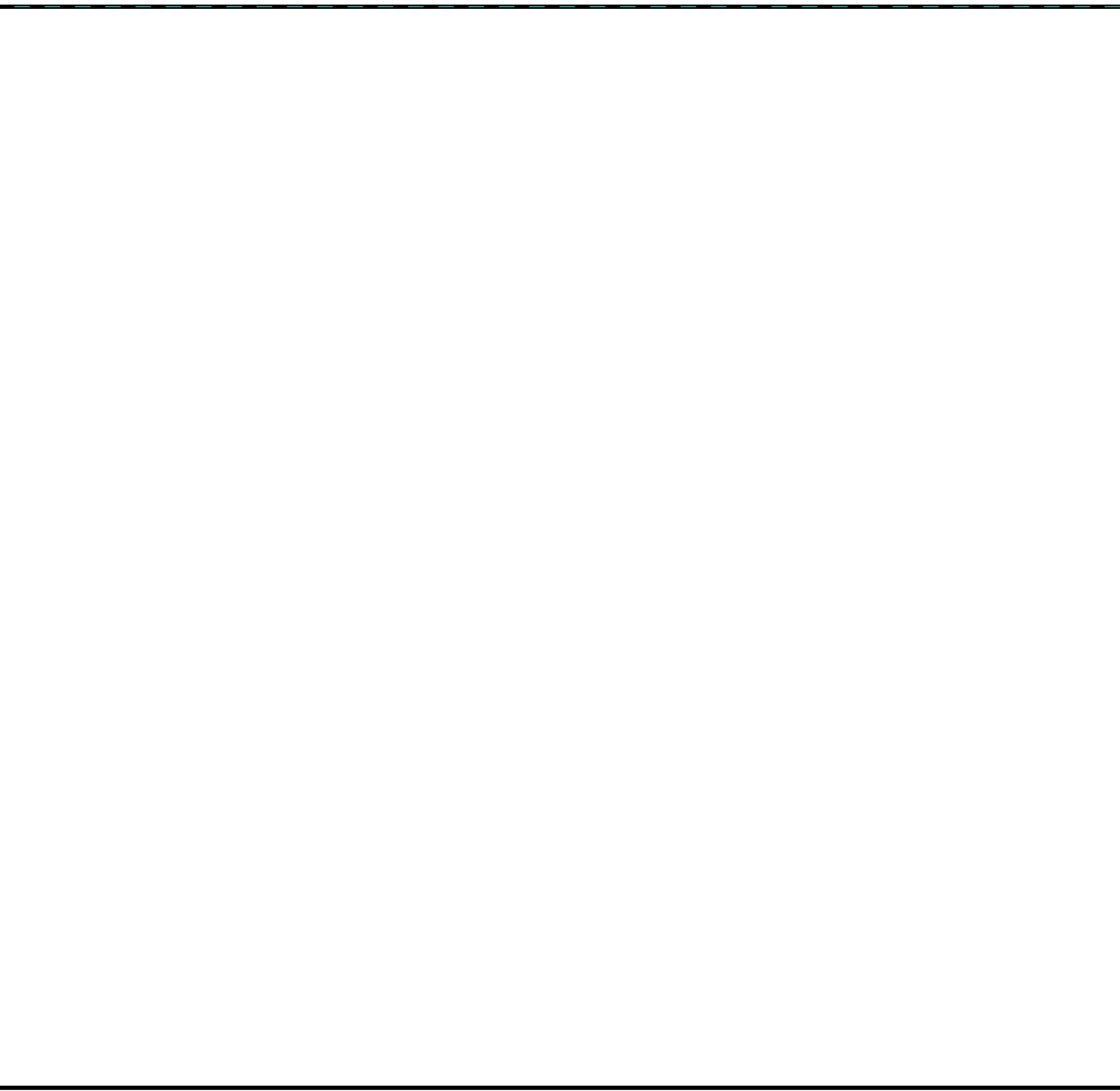
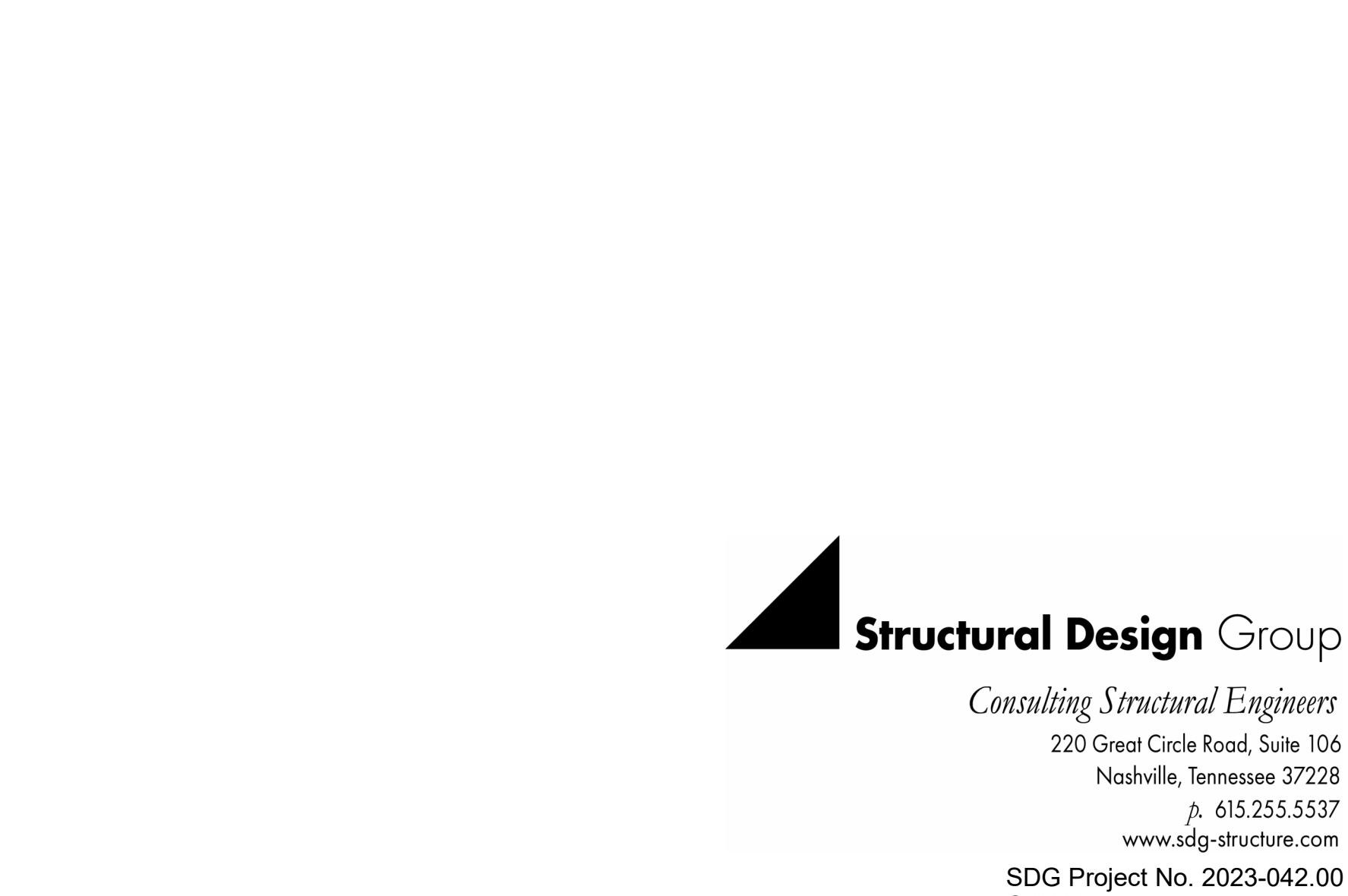
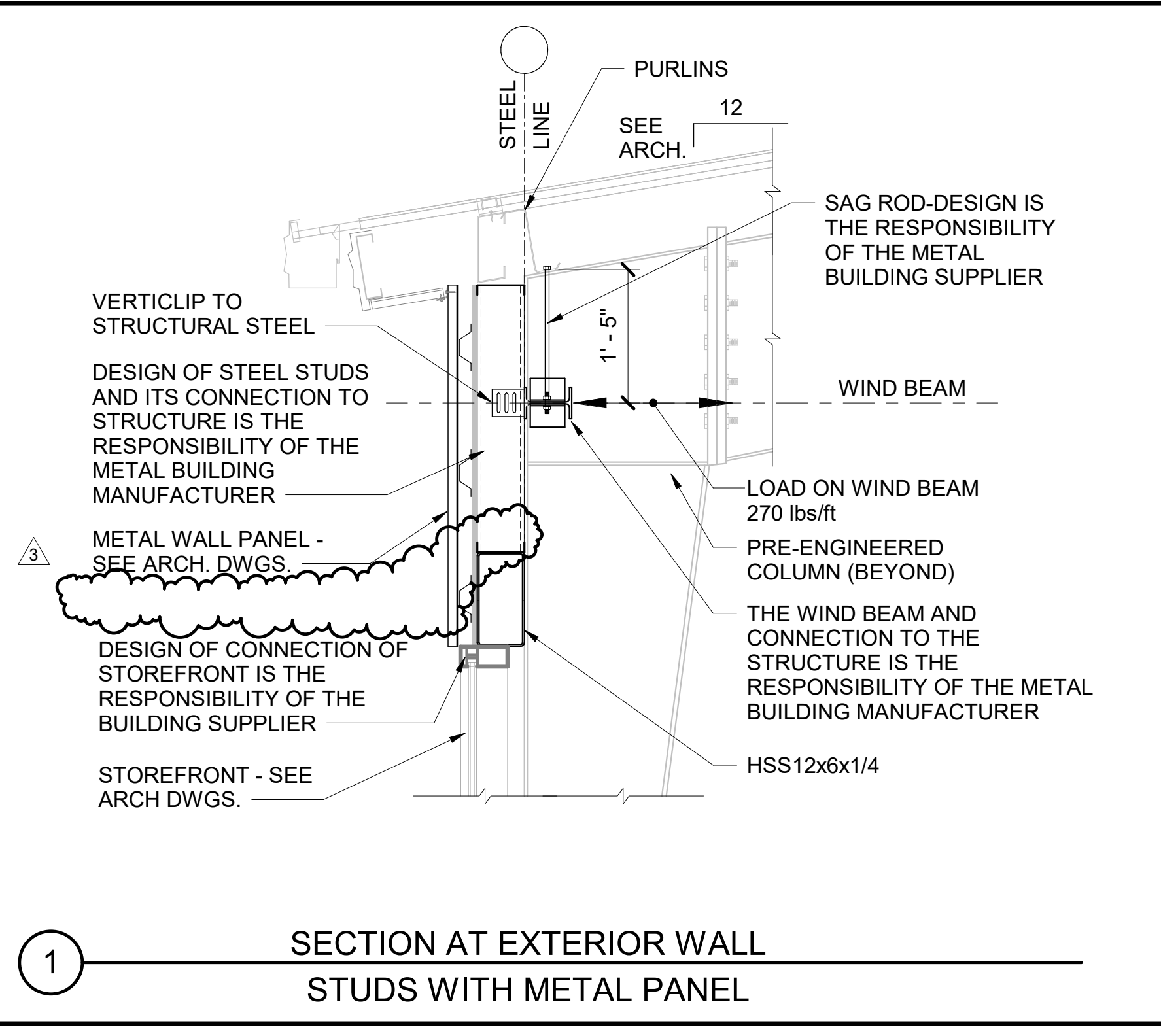
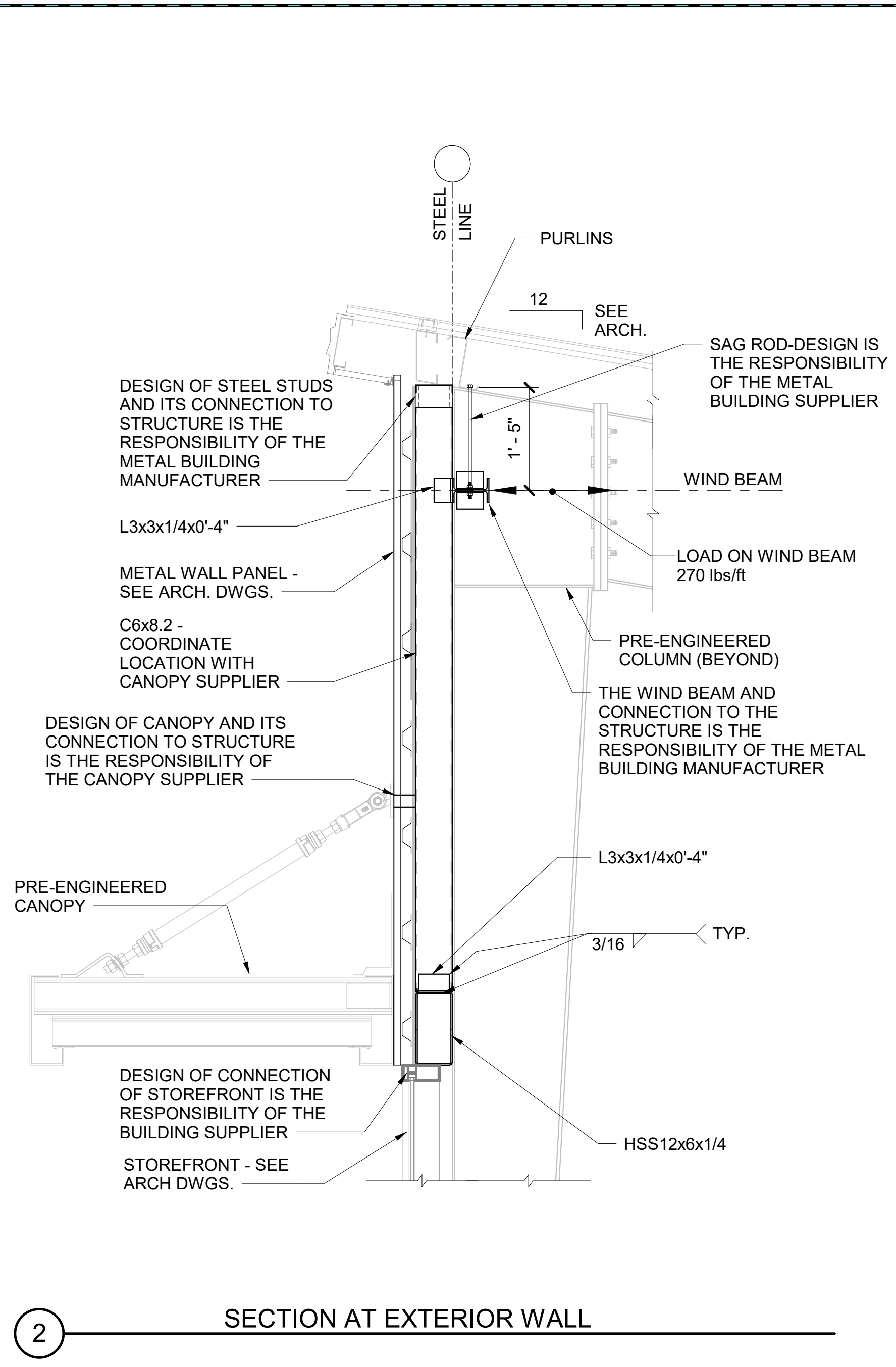
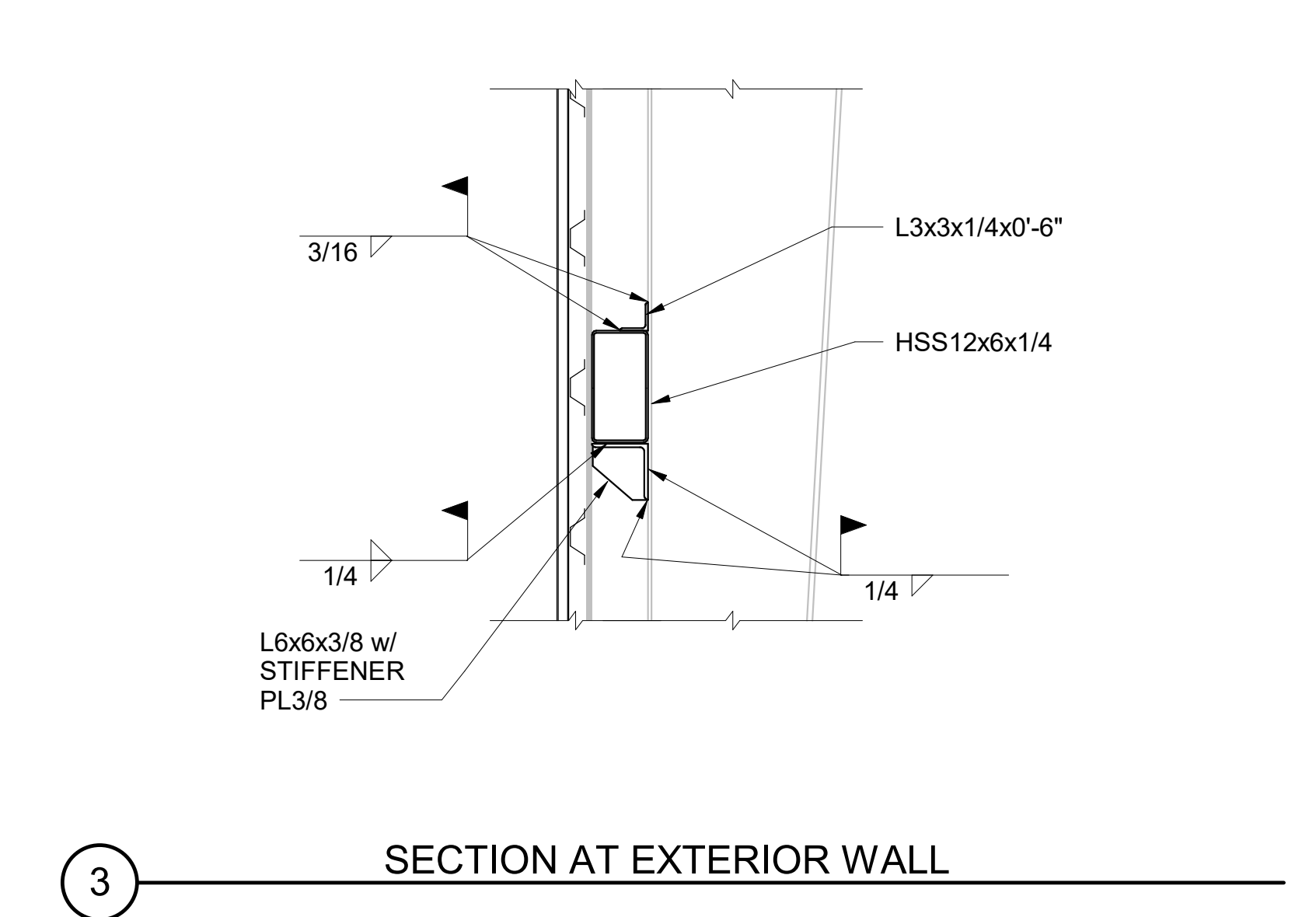
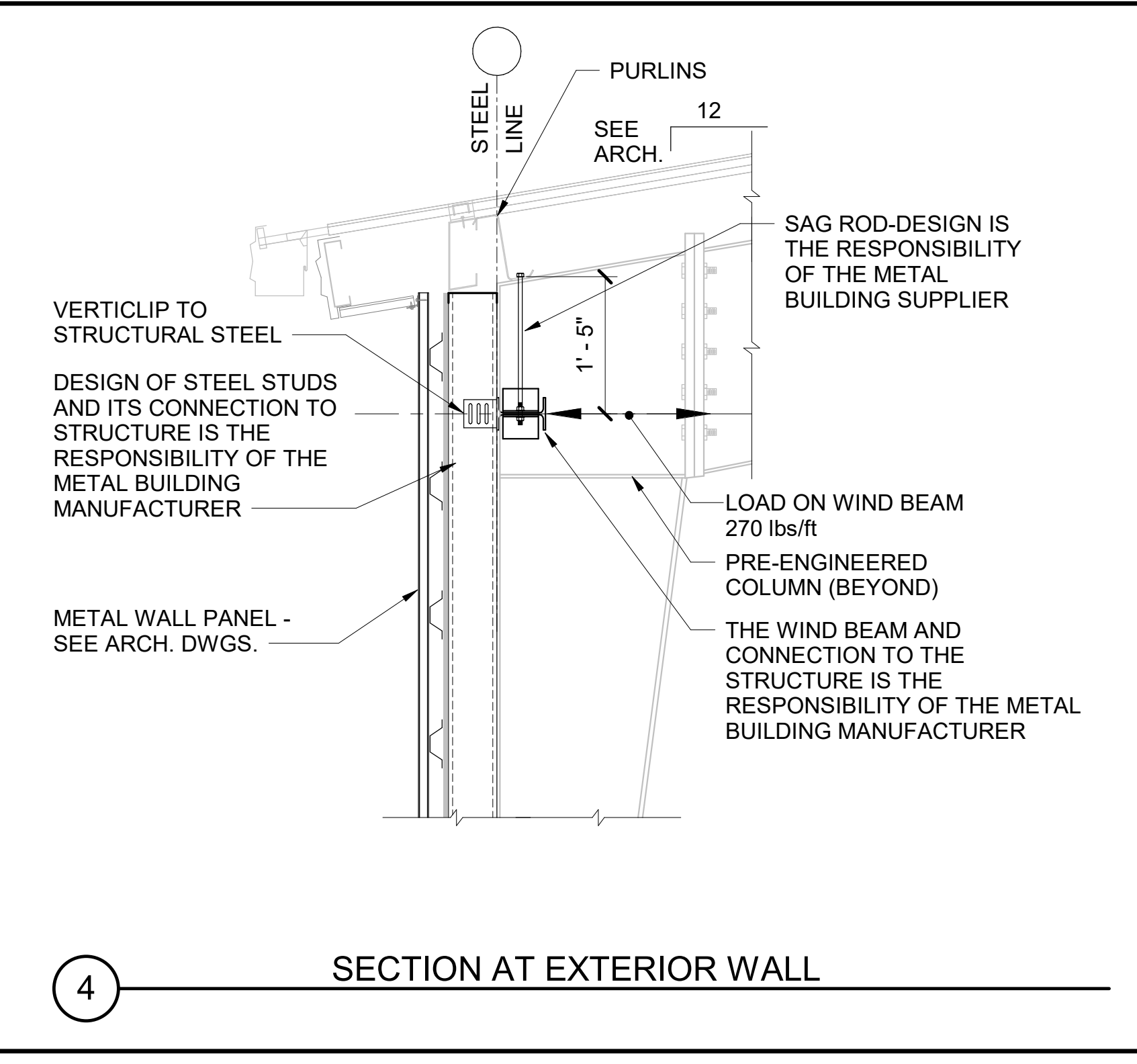
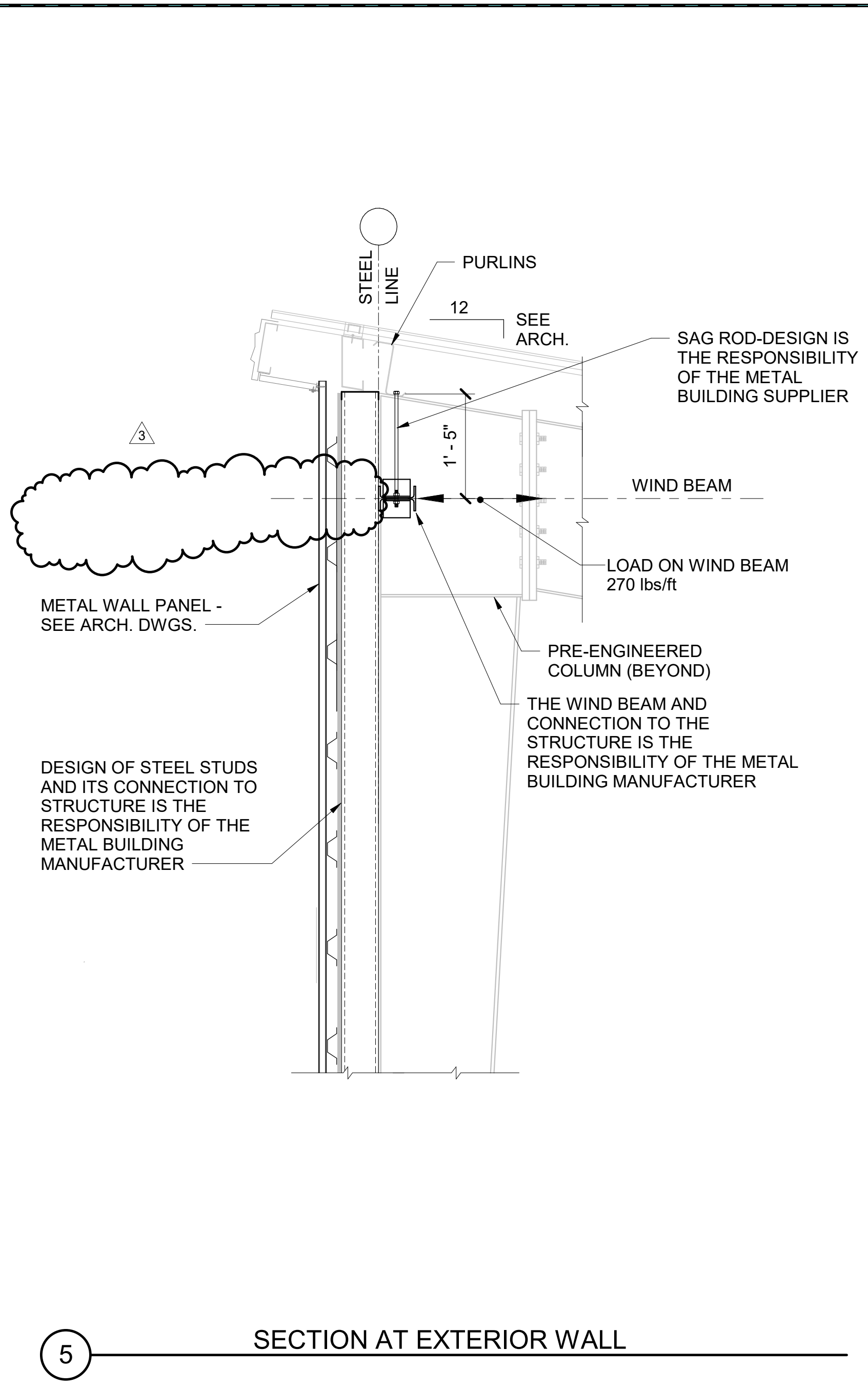
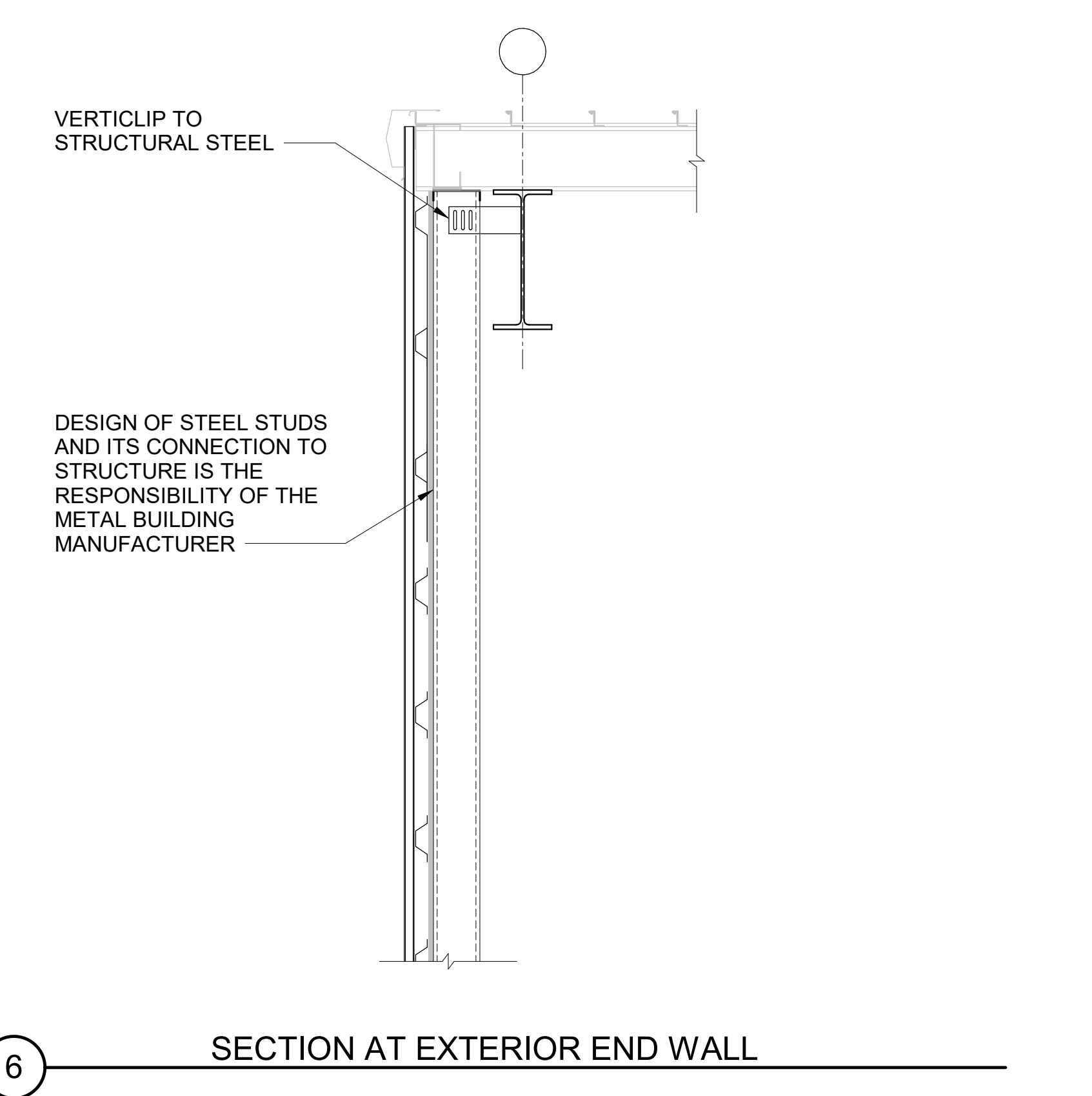
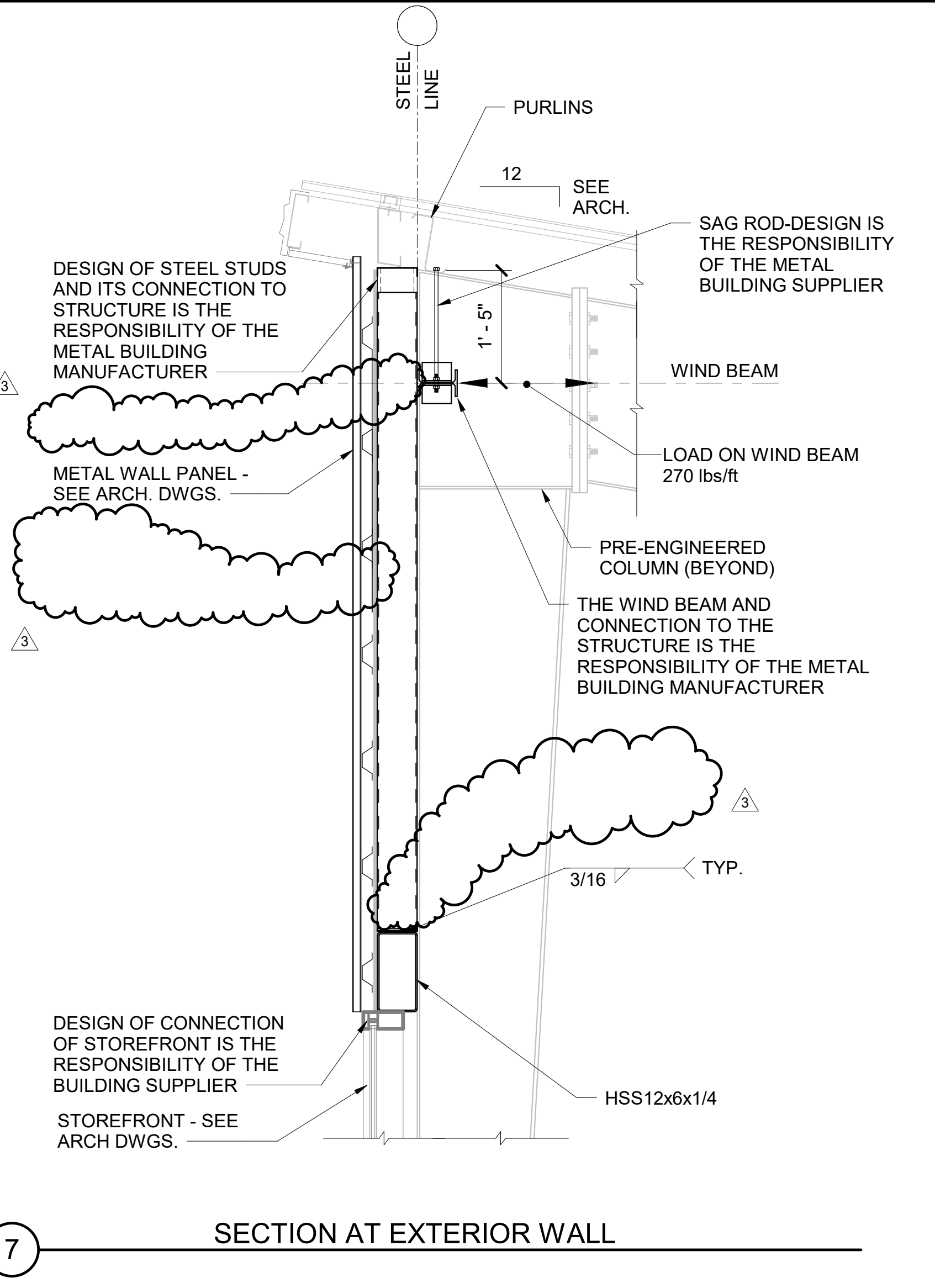
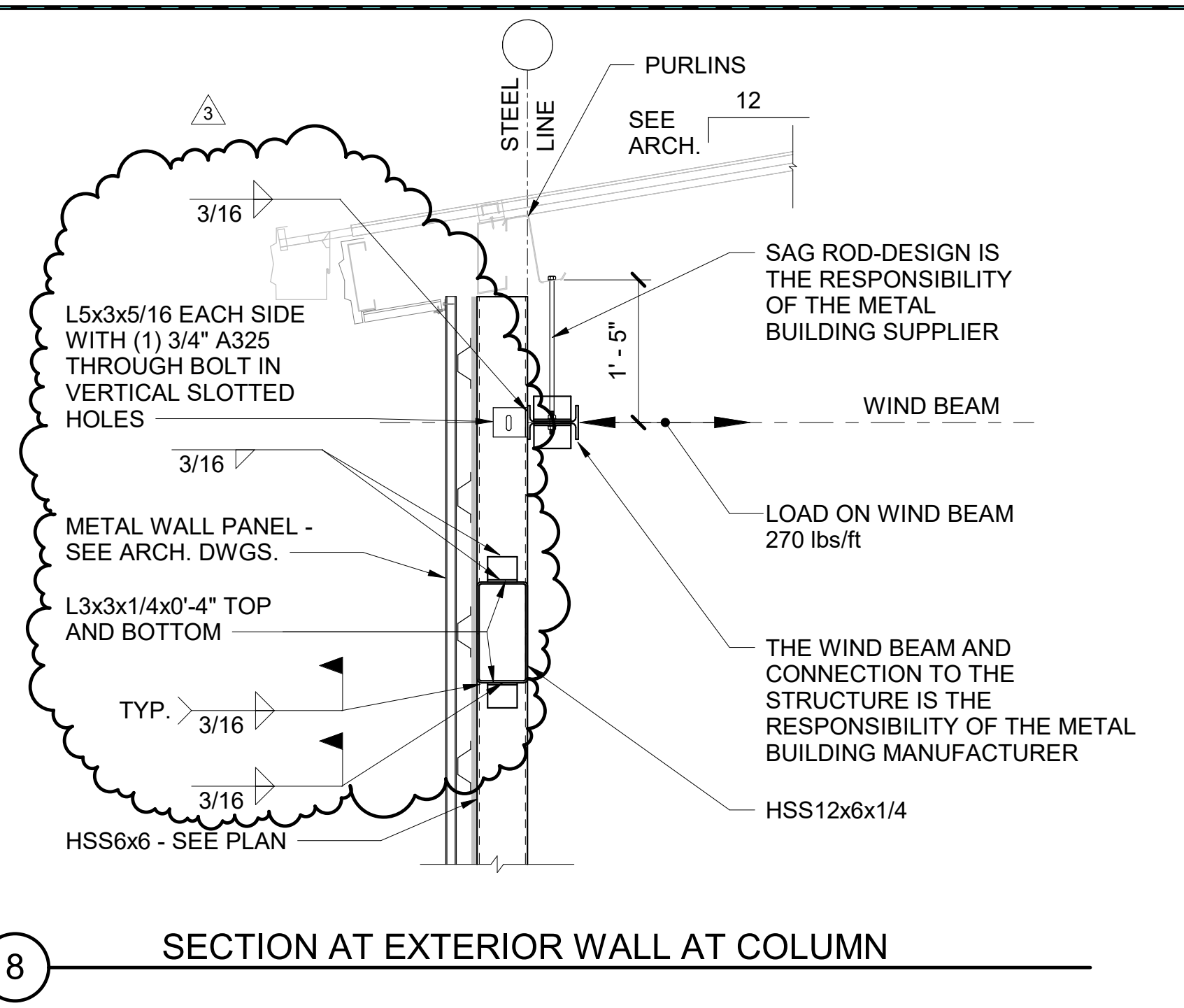
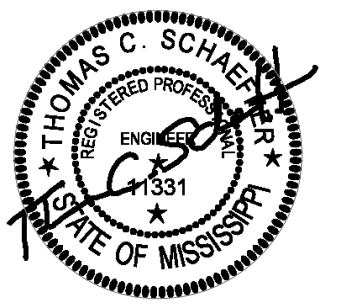
DETAIL INDEX	
SHEET	DETAIL
S-201	TYPICAL SLAB-ON-GROUND DETAILS
S-201	COLUMN FOOTING SCHEDULE
S-201	GRADEBEAM INTERSECTION DETAIL
S-201	ANCHOR ROD EMBEDMENT FOR PRE-ENGINEERED METAL BUILDING COLUMNS

FOUNDATION PLAN NOTES

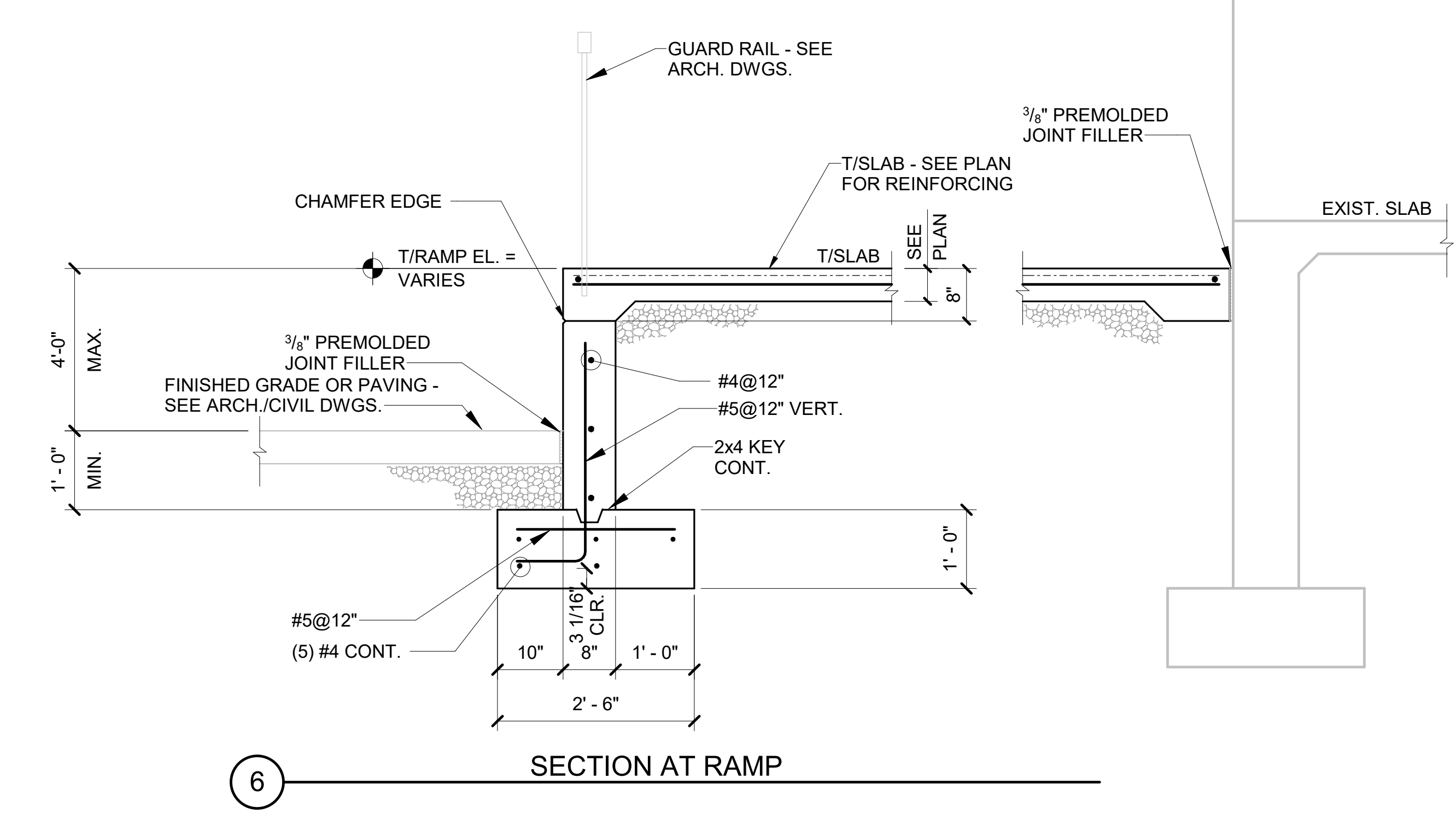
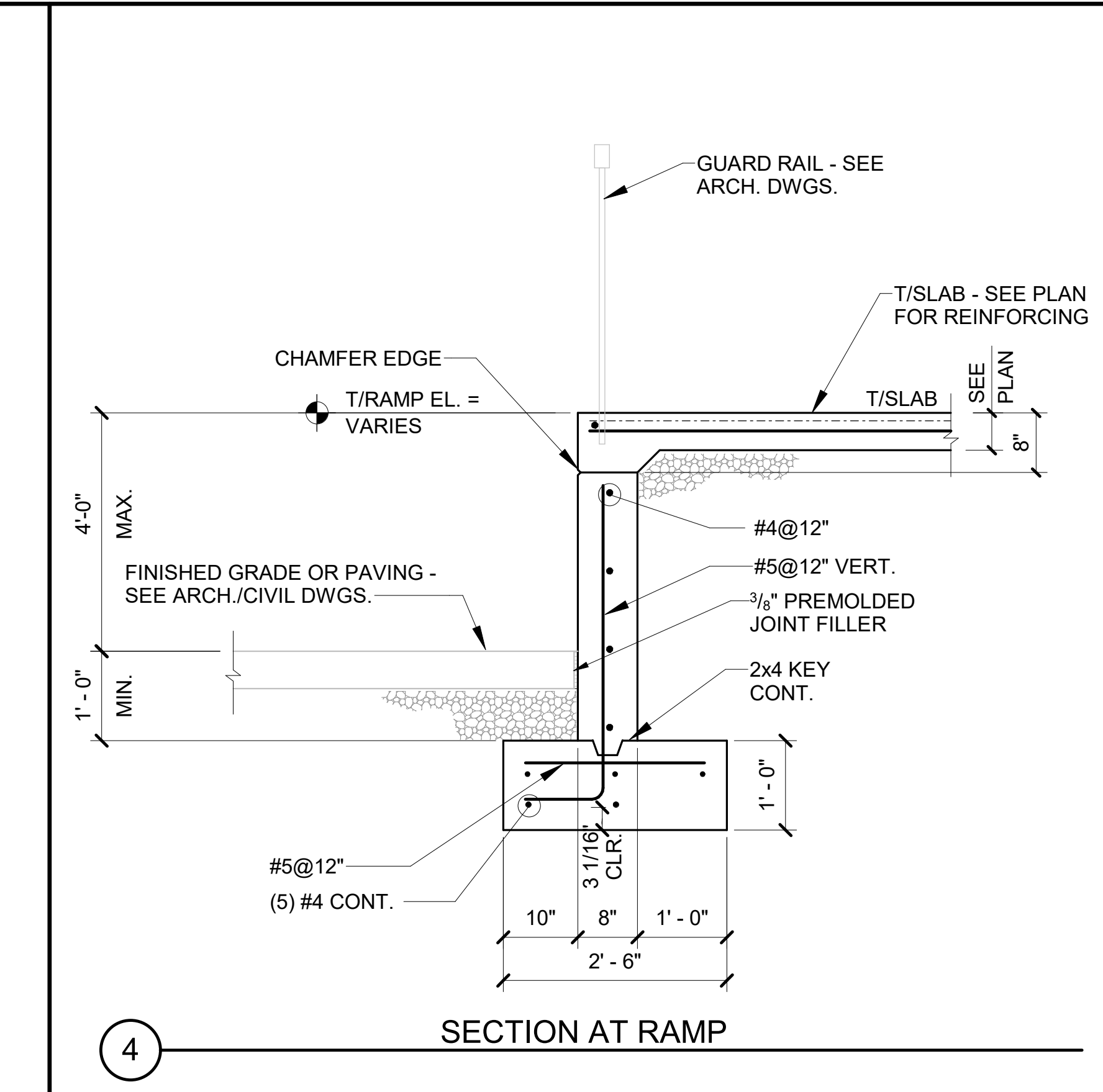
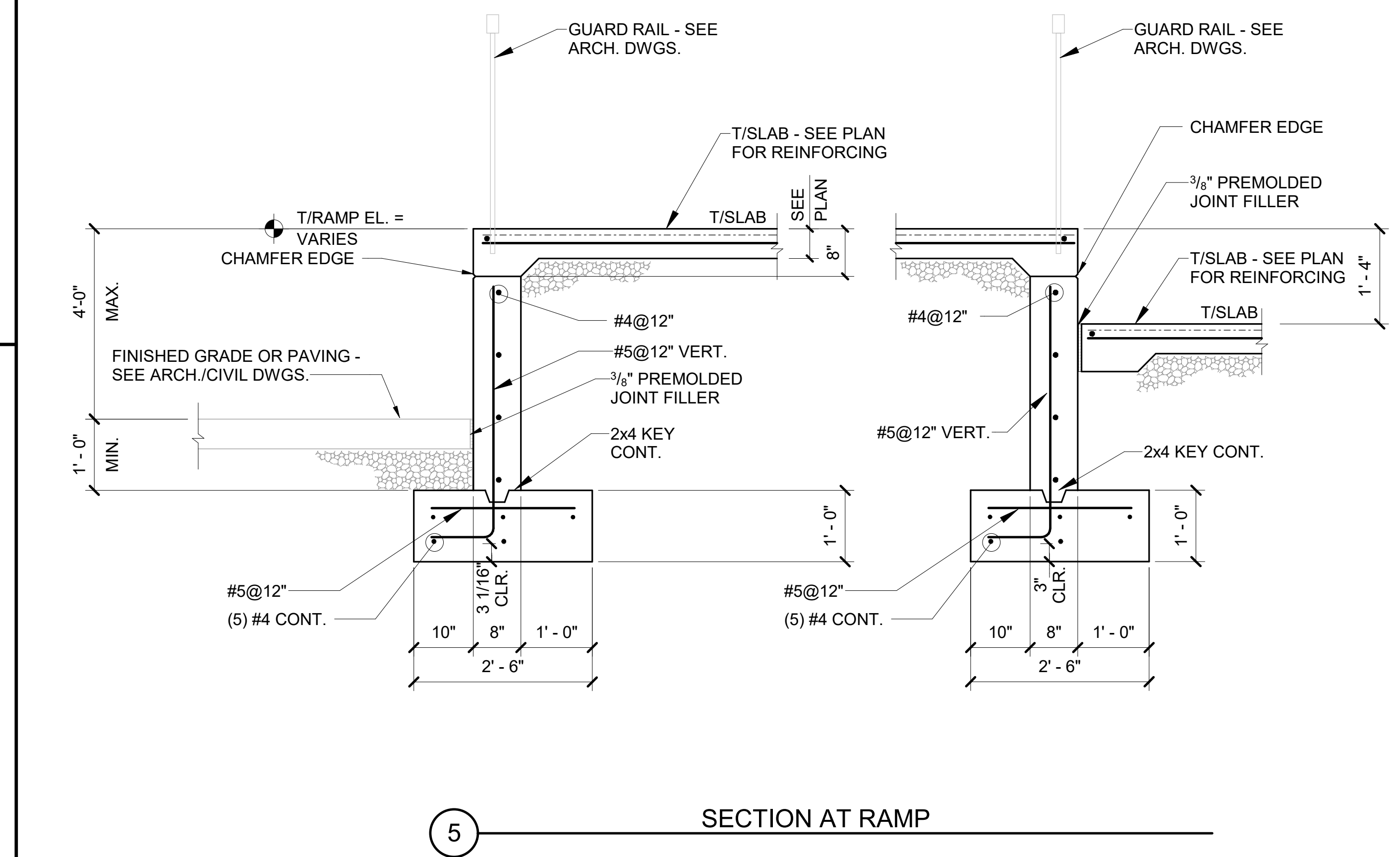
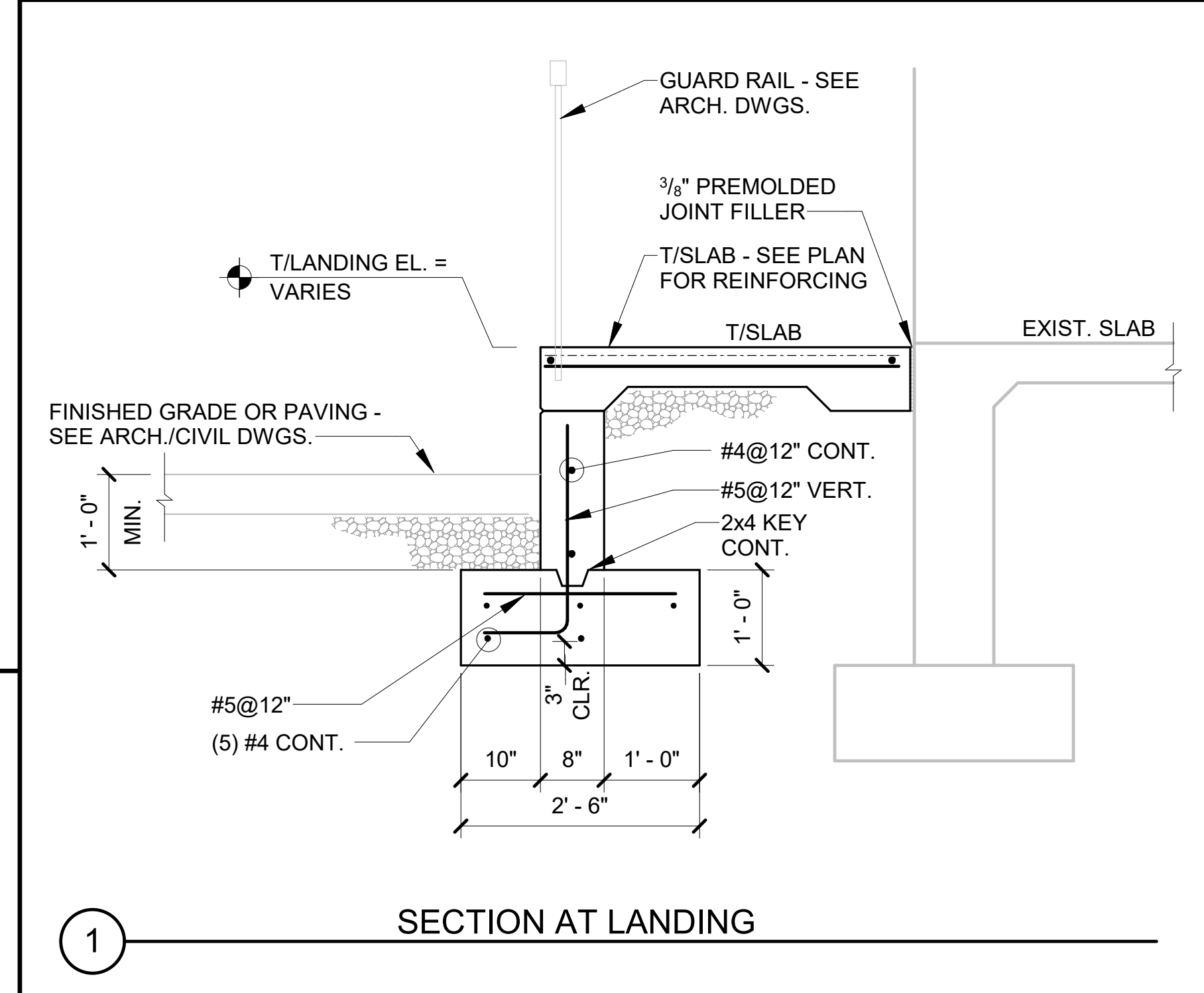
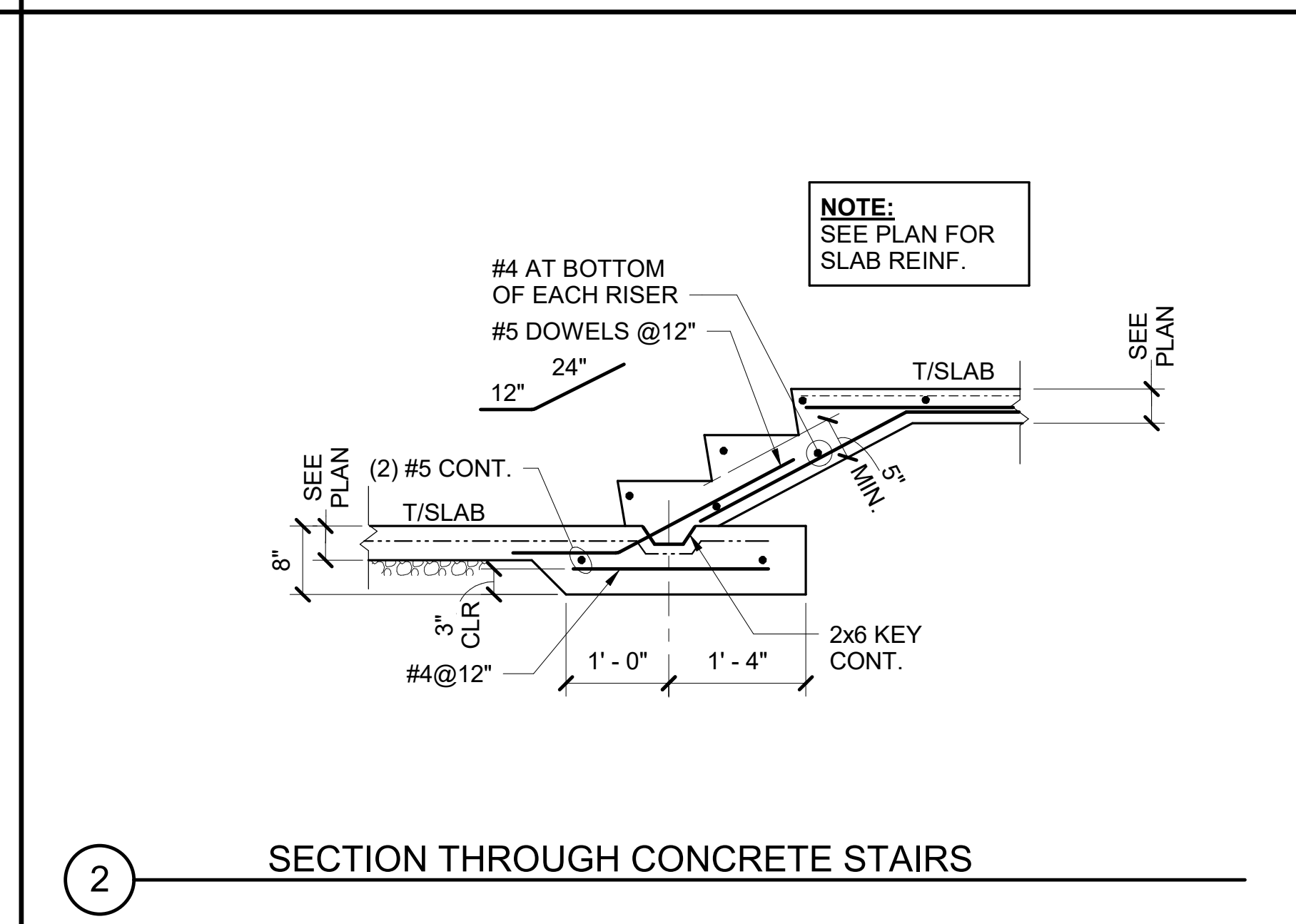
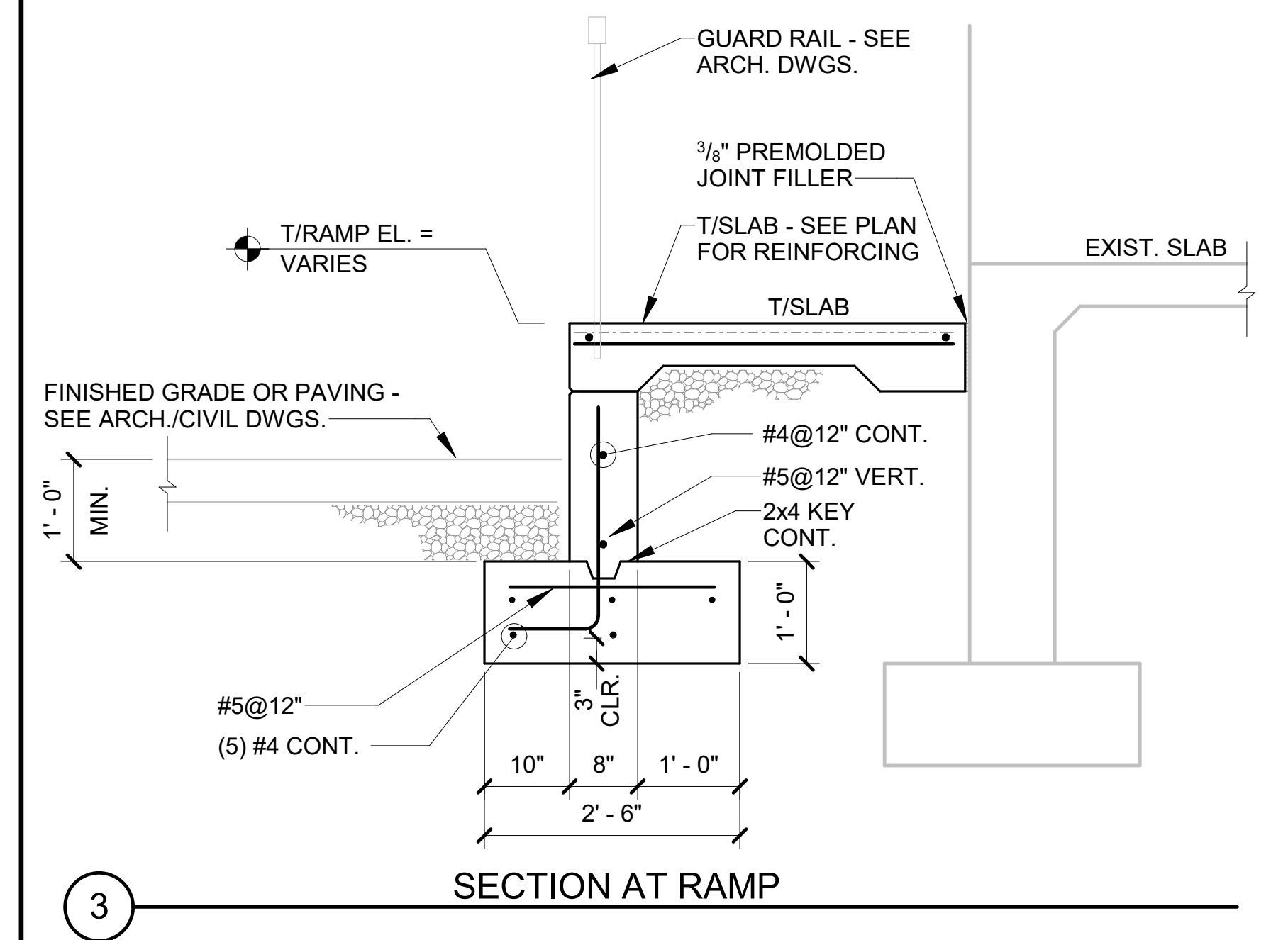
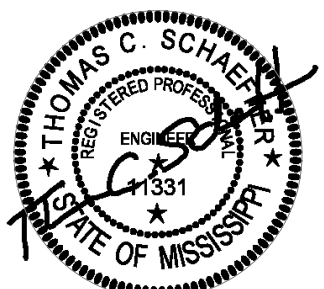
- ALL DIMENSIONS ARE TO BE VERIFIED WITH ARCHITECTURAL DRAWINGS BEFORE DETAILING AND CONSTRUCTION ARE TO BEGIN. FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS DIMENSIONS SHOWN ARE TO FACE OF STUD.
- ALL EXISTING CONDITIONS SHOWN ARE ASSUMED. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWINGS PREPARATION. NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES.

PLAN NOTES

PRE-ENGINEERED METAL BUILDING SYSTEM. REFER TO STRUCTURAL NOTES AND SPECIFICATIONS FOR REQUIREMENTS. DESIGN STRUCTURE TO SUPPORT ALL ITEMS ATTACHED TO THE STRUCTURE SUCH AS CEILING, MECHANICAL EQUIPMENT, LIGHTING, ETC. COORDINATE WITH THE STRUCTURAL, ARCHITECTURAL, AND MPE DOCUMENTS. COORDINATE DEPTH OF MEMBERS WITH ARCHITECTURAL DOCUMENTS.



7/10/2023 6:06:25 AM C:\Users\chrisj\Documents\SDG_2023-051_PICAYUNE_R22_CENTRAL_chrisj\K5M7.rvt



Picayune High School Multipurpose and Band Hall Renovation
22005 Picayune High School
Band and Multipurpose
Picayune, MS

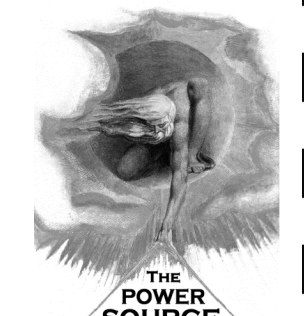
100% CD's

Project No	22062
Date	14 June 2023
Revisions	Rev Date
3	10 July 2023

Structural Design Group
Consulting Structural Engineers
220 Great Circle Road, Suite 106
Nashville, Tennessee 37228
p 615.255.5537
www.sdg-structure.com
SDG Project No. 2023-042.00
© 2023



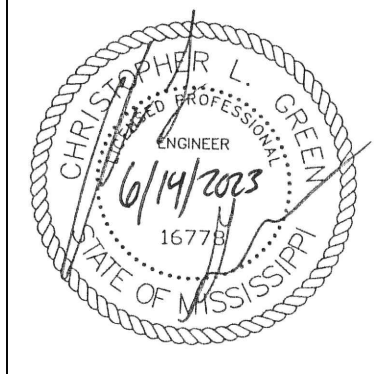
7/10/2023 6:05:26 AM C:\Users\chrisl\Documents\SDG_2023-051_PICAYUNE_R22_CENTRAL_chrisl\KSM7.rvt



DALE BAILEY
AN ASSOCIATION

305 HIGHWAY 51
RIDGELAND, MS 39157
VOICE (601) 605-4820
FAX (601) 605-4875
TFS PROJ. # 23072

Architects
One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411
201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432
161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409
dalebaileyplans.com



Picayune High School Multipurpose and Band Hall Renovation
22062 Picayune Multipurpose
and Band Hall Renovation
Picayune, MS

100% CD
Project No 22062
Date 14 June 2023
Revisions Rev Date
Addendum #3 7/10/2023

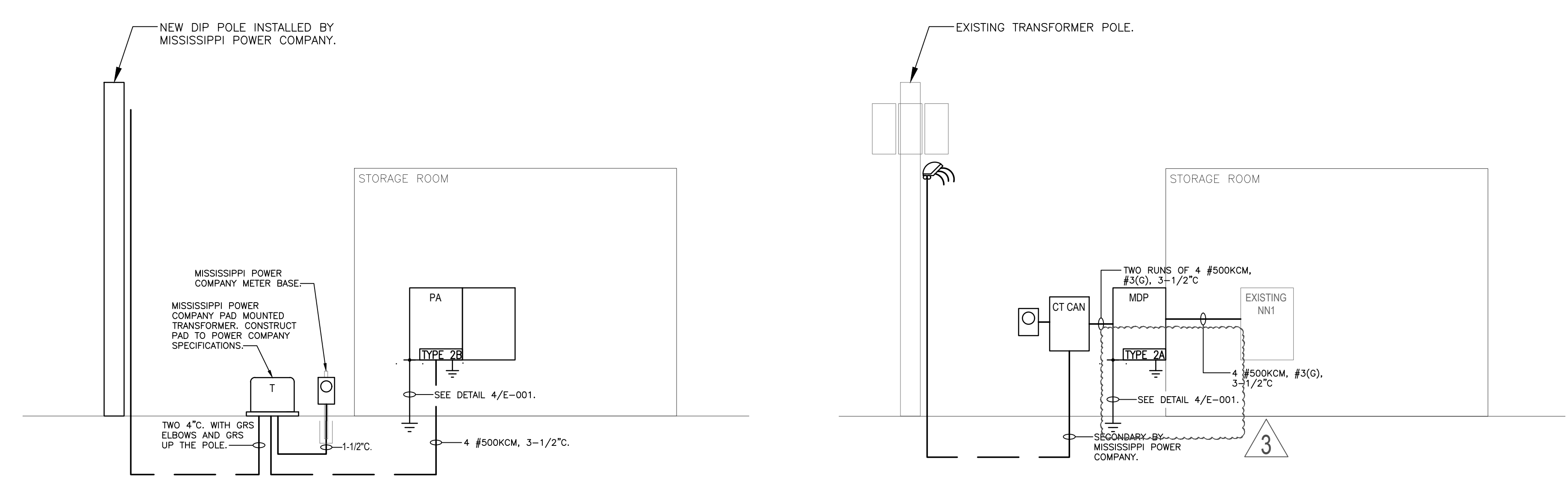
E-000
ELECTRICAL LEGEND

ELECTRICAL LEGEND

GENERAL NOTES	CONDUIT AND WIRING																											
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.</p> <p>4. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p> <p>5. "W/E" INDICATES DEVICE/DISCONNECT PROVIDED WITH THE EQUIPMENT BY OTHERS.</p>	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TIC MARKS SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p> <p>PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.</p> <p>LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.</p>																											
<p>LUMINAIRES (See Light Fixture Schedule) NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.</p> <p>2'X2' RECESSED FIXTURE.</p> <p>2'X2' RECESSED EMERGENCY FIXTURE.</p> <p>SURFACE MOUNTED OR SUSPENDED FIXTURE.</p> <p>SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.</p> <p>PENDANT MOUNT FIXTURE.</p> <p>CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>EMERGENCY LIGHTING.</p> <p>WALL MOUNTED FIXTURE.</p>	<p>INTERCOM SYSTEM</p> <p>CEILING SPEAKER.</p> <p>WALL MOUNT SPEAKER.</p> <p>CALL-IN SWITCH.</p> <p>INTERCOM MASTER STATION WITH DOOR RELEASE. DESKTOP MOUNT.</p>																											
<p>SWITCHES</p> <p>SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F., UNLESS NOTED OTHERWISE.</p> <p>LED DIMMER EQUAL TO LEVITON #P710-LFZ. MOUNT CENTERLINE OF BOX AT 45"A.F.F., UNLESS NOTED OTHERWISE.</p> <p>AUTOMATIC WALL SWITCH. SENSORSWITCH #WSXA-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. SENSORSWITCH #WSXA-PDT-D-VA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45"A.F.F., UNLESS NOTED OTHERWISE.</p> <p>3-WAY LED DIMMER EQUAL TO LEVITON #P710-LFZ. MOUNT CENTERLINE OF BOX AT 45"A.F.F., UNLESS NOTED OTHERWISE.</p> <p>HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS (MANUAL MOTOR STARTER).</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-9 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 2000 SQ. FT. COVERAGE. MOUNT IMMEDIATELY BELOW CEILING. SENSORSWITCH #WV-PDT-16 OR APPROVED EQUAL.</p> <p>POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.</p>	<p>MISCELLANEOUS</p> <p>CONTACTOR.</p> <p>PHOTOCELL.</p> <p>CEILING MOUNTED JUNCTION BOX.</p> <p>WALL MOUNTED JUNCTION BOX.</p> <p>FLEXIBLE CONNECTION TO EQUIPMENT.</p>																											
<p>COMMUNICATIONS</p> <p>DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPLASH. WHERE THERE IS NO BACKSPLASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>WIFI.</p>	<p>RECEPTACLES</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPLASH. WHERE THERE IS NO BACKSPLASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. RECEPTACLE SHALL BE MOUNTED, CONCEALED BEHIND THE SHROUD OF THE DRINKING FOUNTAIN.</p> <p>SINGLE RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p>																											
<p>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>< 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 330'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</p> <p>1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.</p> <p>2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.</p> <p>3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.</p>	Voltage	Circuit Length	Conductor Size (AWG)	120	< 50'	#12	120	> 50'	#10	120	> 90'	#8	120	> 140'	#6	277	< 130'	#12	277	> 130'	#10	277	> 200'	#8	277	> 330'	#6	<p>GEAR</p> <p>FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F=(RATING OF FUSES).</p> <p>NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.</p> <p>PANELBOARD.</p>
Voltage	Circuit Length	Conductor Size (AWG)																										
120	< 50'	#12																										
120	> 50'	#10																										
120	> 90'	#8																										
120	> 140'	#6																										
277	< 130'	#12																										
277	> 130'	#10																										
277	> 200'	#8																										
277	> 330'	#6																										

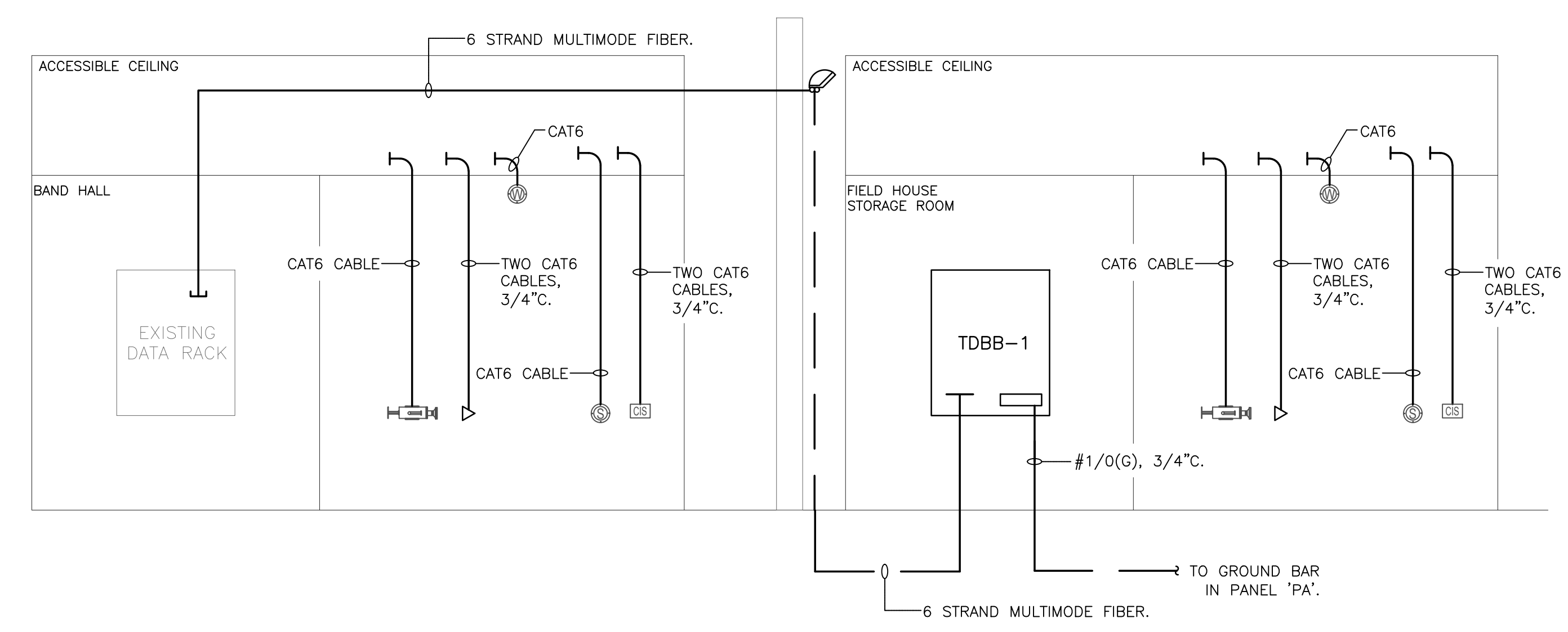
LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	EPANL-2X2-4800LM-80CRI-40K MINT0-ZT-MVOLT	LED, 44.6W 4,843 LUMENS	RECESSED	
AE	LITHONIA	EPANL-2X2-4800LM-80CRI-40K MINT0-ZT-MVOLT-E10WCP	LED, 44.6W 4,843 LUMENS	RECESSED	-WITH EMERGENCY BATTERY PACK.
B	LITHONIA	EPANL-2X2-3400LM-80CRI-40K MINT0-ZT-MVOLT	LED, 30.3W 3,399 LUMENS	RECESSED	
BE	LITHONIA	EPANL-2X2-3400LM-80CRI-40K MINT0-ZT-MVOLT-E10WCP	LED, 30.3W 3,399 LUMENS	RECESSED	-WITH EMERGENCY BATTERY PACK.
C	LITHONIA	JEBL-12000LM-PFL-MVOLT-40K 80CRI-*	LED, 95W 11,581 LUMENS	SUSPENDED Ø 15"A.F.F.	
D	LITHONIA	ZL1N-L48-7000LM-FST-MVOLT-40K 80CRI-*	LED, 52W 6,785 LUMENS	SURFACE	
EM	LITHONIA	ELM4	LED	WALL	-WITH EMERGENCY BATTERY PACK.
F	LITHONIA	WDGE2-LED-P2-40K-80CRI-VF MVOLT-PE-*	LED, 10W 2,000 LUMENS	WALL	*-SELECTED BY ARCHITECT. -WITH BUILT-IN PHOTOCELL.
FE	LITHONIA	WDGE2-LED-P2-40K-80CRI-VF MVOLT-PE-*	LED, 10W 2,000 LUMENS	WALL	*-SELECTED BY ARCHITECT. -WITH BUILT-IN PHOTOCELL.
G	LITHONIA	FEM-L48-10000LM-LPPFL-WD-MVOLT GZ10-40K-80CRI	LED, 62W 8,772 LUMENS	SURFACE	
GE	LITHONIA	FEM-L48-10000LM-LPPFL-WD-MVOLT GZ10-40K-80CRI-E10WCP	LED, 62W 8,772 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
H	LITHONIA	LDN6-40/07-L06-AR-L5-TRW-MVOLT-GZ10	LED, 8.9W 758 LUMENS	RECESSED	
J	HYDREL	LOWELL-2/9LED38-40K-120-FL CN4-BL	LED, 25W	WALL Ø8 A.F.F.	
K	LITHONIA	EPANL-2X2-4800LM-80CRI-40K MINT0-ZT-MVOLT-2X2SMKSH	LED, 44.6W 4,843 LUMENS	SURFACE	
KE	LITHONIA	EPANL-2X2-4800LM-80CRI-40K MINT0-ZT-MVOLT-E10WCP-2X2SMKSH	LED, 44.6W 4,843 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
L	LITHONIA	EPANL-2X2-3400LM-80CRI-40K MINT0-ZT-MVOLT-2X2SMKSH	LED, 30.3W 3,399 LUMENS	SURFACE	
LE	LITHONIA	EPANL-2X2-3400LM-80CRI-40K MINT0-ZT-MVOLT-E10WCP-2X2SMKSH	LED, 30.3W 3,399 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
X	LITHONIA	LQM-S-W-3-G-MVOLT-EL-N	LED	WALL	-WITH EMERGENCY BATTERY PACK.
XEM	LITHONIA	LHQM-G	LED	WALL	-WITH EMERGENCY BATTERY PACK.



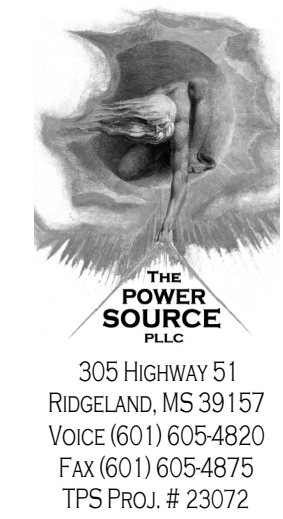
1 ONE-LINE DIAGRAM - NEW MULTIPURPOSE BUILDING
Scale: NONE

2 ONE-LINE DIAGRAM - EXISTING FIELD HOUSE (NEW BAND HALL)
Scale: NONE



2 DATA RISER DIAGRAM
Scale: NONE

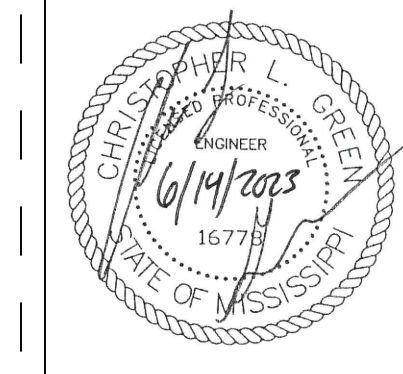
2/21/2023 9:07:37 AM Z:\02023_Projects\23072 - Picayune Multipurpose\DOCUMENTS\E-MAIL\2023-02-20\ARCH\22062 Picayune High School Multipurpose v2.rvt



DALE BAILEY
AN ASSOCIATION

305 HIGHWAY 51
RIDGELAND, MS 39157
VOICE (601) 605-4820
FAX (601) 605-4875
TFS PROJ. # 23072

Architects
One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411
201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432
161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409
dalebaileyplans.com



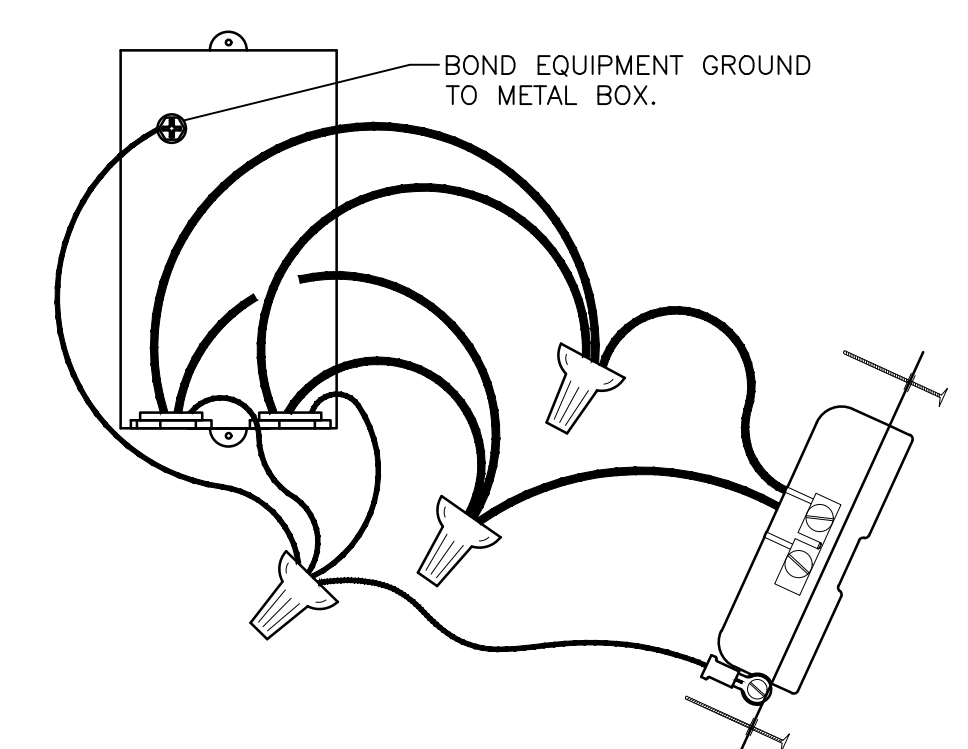
Picayune High School Multipurpose and Band Hall Renovation
22062 Picayune Multipurpose
and Band Hall Renovation
Picayune, MS

100% CD
Project No 22062
Date 14 June 2023
Revisions Rev Date
Addendum #3 7/10/2023

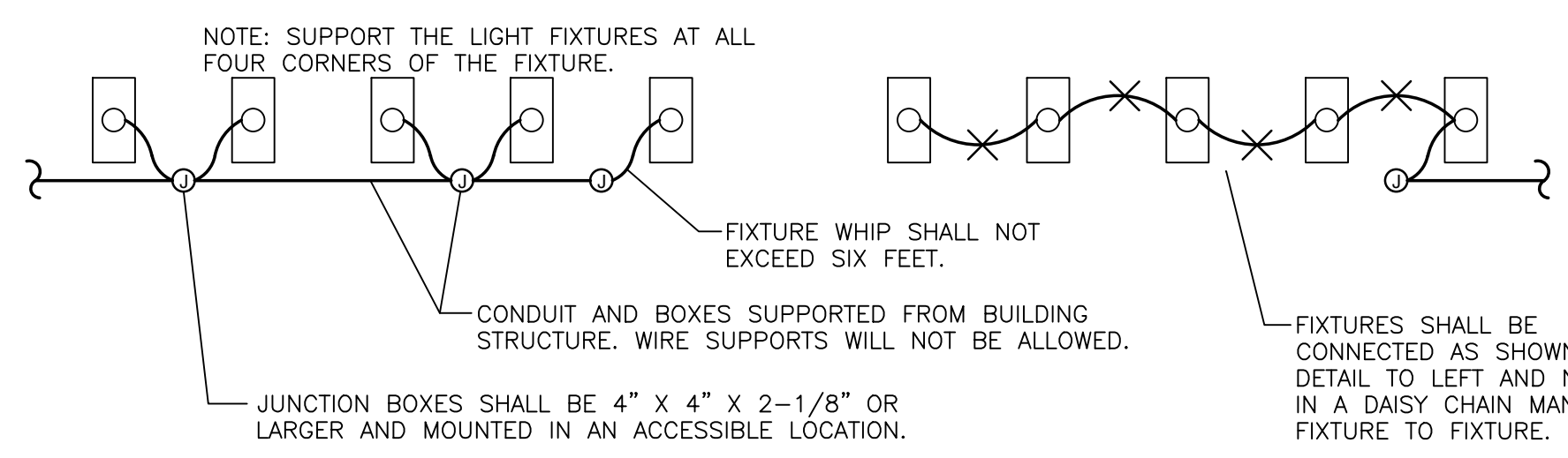
E-001
ELECTRICAL DETAILS

RECEPTACLE DETAIL NOTES:

- A. THESE DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF DESIGN. COORDINATE WITH THE MILLWORK CONTRACTOR TO DETERMINE THE EXACT LOCATION OF OUTLETS BEING PLACED IN AND AROUND MILLWORK.
- B. RECEPTACLES SHOWN AS GFI MAY BE NON GFI TYPE RECEPTACLES IF FED FROM A 20/1 GFI BREAKER OR THE LOAD SIDE OF A GFI RECEPTACLE IN THE SAME ROOM, ON THE SAME CIRCUIT AND RATED 20 AMP FEED-THRU CAPACITY. COVER PLATES SHALL BE CLEARLY MARKED GFI.
- C. NON GFI RECEPTACLES SHALL NOT BE CONNECTED IN A FEED-THRU MANNER. WIRE CONNECTIONS IN RECEPTACLE BOXES SHALL BE MADE IN A DIGITAL MANNER AS SHOWN IN RECEPTACLE DETAIL.



3 RECEPTACLE DETAIL
E-001 Scale: NONE



2 FIXTURE CONNECTION DETAIL
E-001 Scale: NONE

WARNING	
ARC FLASH AND SHOCK HAZARDS APPROPRIATE PPE REQUIRED FAILURE TO COMPLY CAN RESULT IN DEATH OR INJURY	
34 inch 3 Cal/cm ² 8	Flash Hazard Boundary Flash Hazard at 18 inches Minimum Arc Rating of Clothing (cal/cm ²)
480 VAC 42 inch 12 inch 00	Shock Hazard When Cover is Removed Limited Approach Boundary Restricted Approach Boundary Minimum Glove Class
Equipment Name: XYZ	Date: XYZ

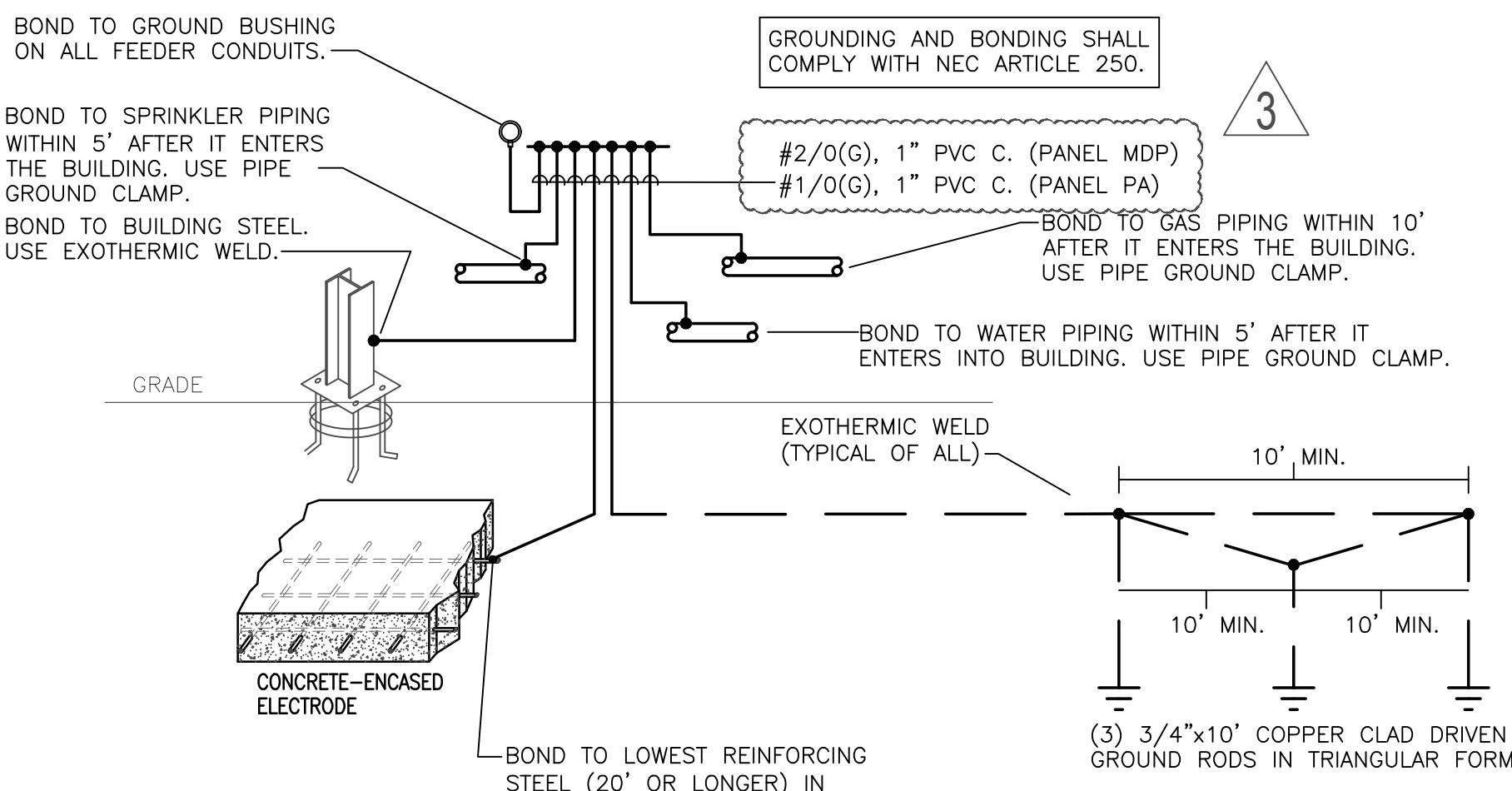
PROVIDE WARNING SIGNS AS SHOWN ON ALL SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, DISCONNECTS, LOADCENTERS, ENCLOSED CIRCUIT BREAKERS, MOTOR STARTERS, & CONTACTORS. THIS REQUIREMENT REQUIRES THAT THE CALCULATIONS BE PERFORMED ON EQUIPMENT THAT IS SPECIFICALLY EXCLUDED FROM NFPA 70E.

THE GEAR MANUFACTURER SHALL PERFORM ALL CALCULATIONS NECESSARY TO COMPLETE WARNING SIGNS ACCURATELY. SEE SINGLE-LINE DIAGRAM AND SPECIFICATIONS FOR MORE INFORMATION.

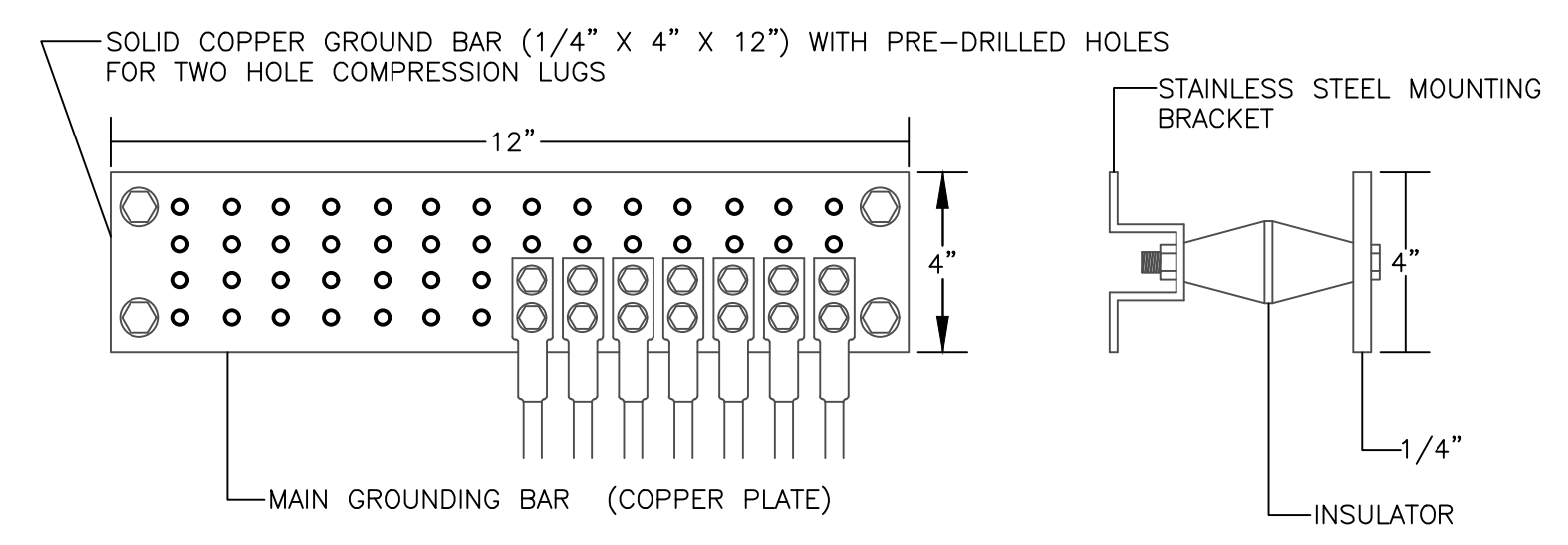
1 WARNING LABEL DETAIL
E-001 Scale: NONE

NOTES:

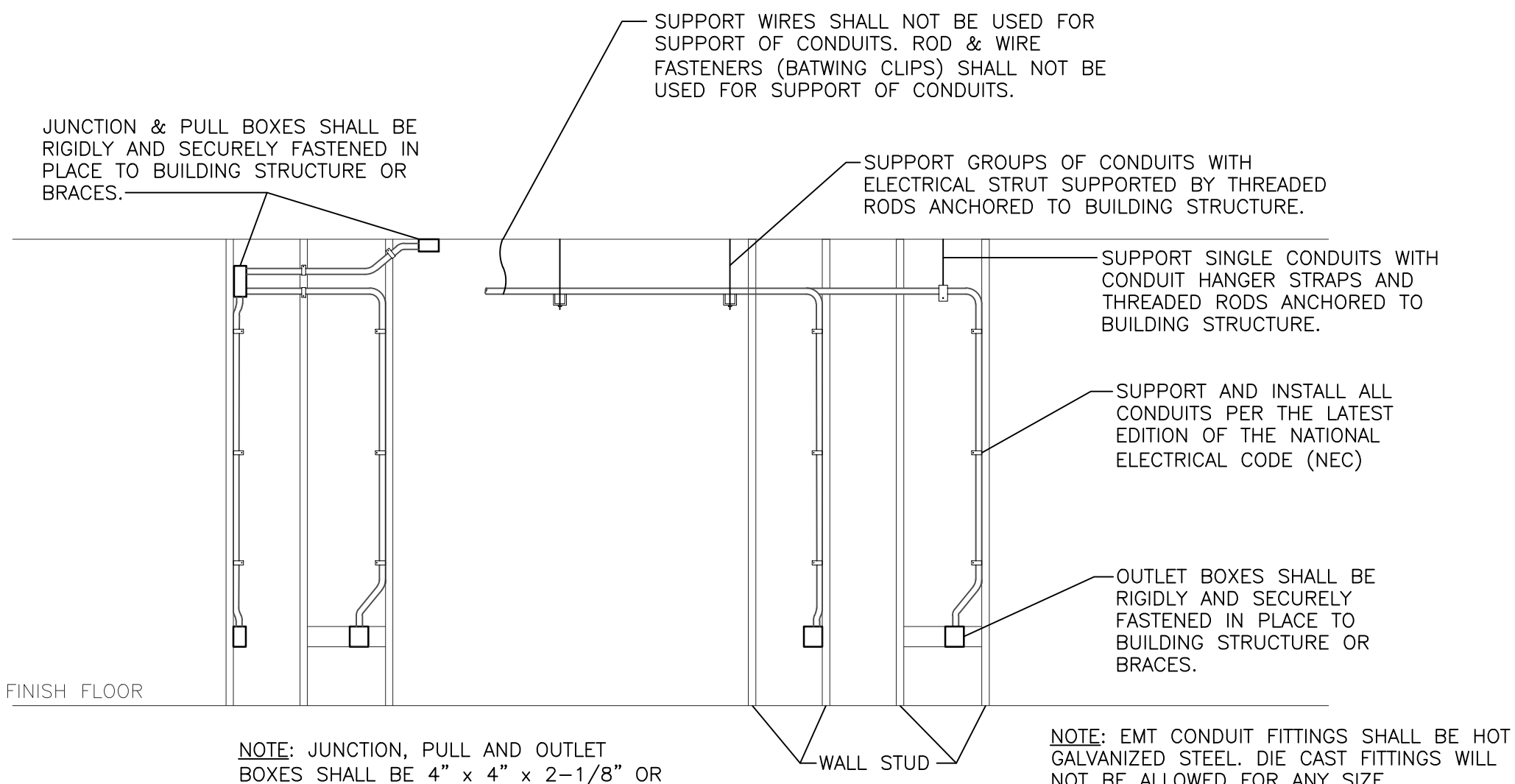
- HOMERUN CONDUITS SHALL BE SIZE 3/4" OR LARGER.
- CONDUITS SHALL BE LIMITED TO THREE CURRENT CARRYING CONDUCTORS.
- PROVIDE TYPED CIRCUIT DIRECTORIES INSIDE DOOR OF EACH PANELBOARD. EACH CIRCUIT SHALL BE DISTINGUISHED FROM ALL OTHERS.
- PROVIDE A LABEL FOR ALL SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS, PANELBOARDS, AND OTHER SERVICE EQUIPMENT THAT LEGIBLY DISPLAYS THE MAXIMUM AVAILABLE FAULT CURRENT. THE MAXIMUM FAULT CURRENT INFORMATION SHALL BE TAKEN FROM THE ARC FLASH/PROTECTIVE DEVICE COORDINATION STUDY PERFORMED BY THE GEAR MANUFACTURER. THE LABEL SHALL INCLUDE THE DATE THAT THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT OF THE EQUIPMENT.



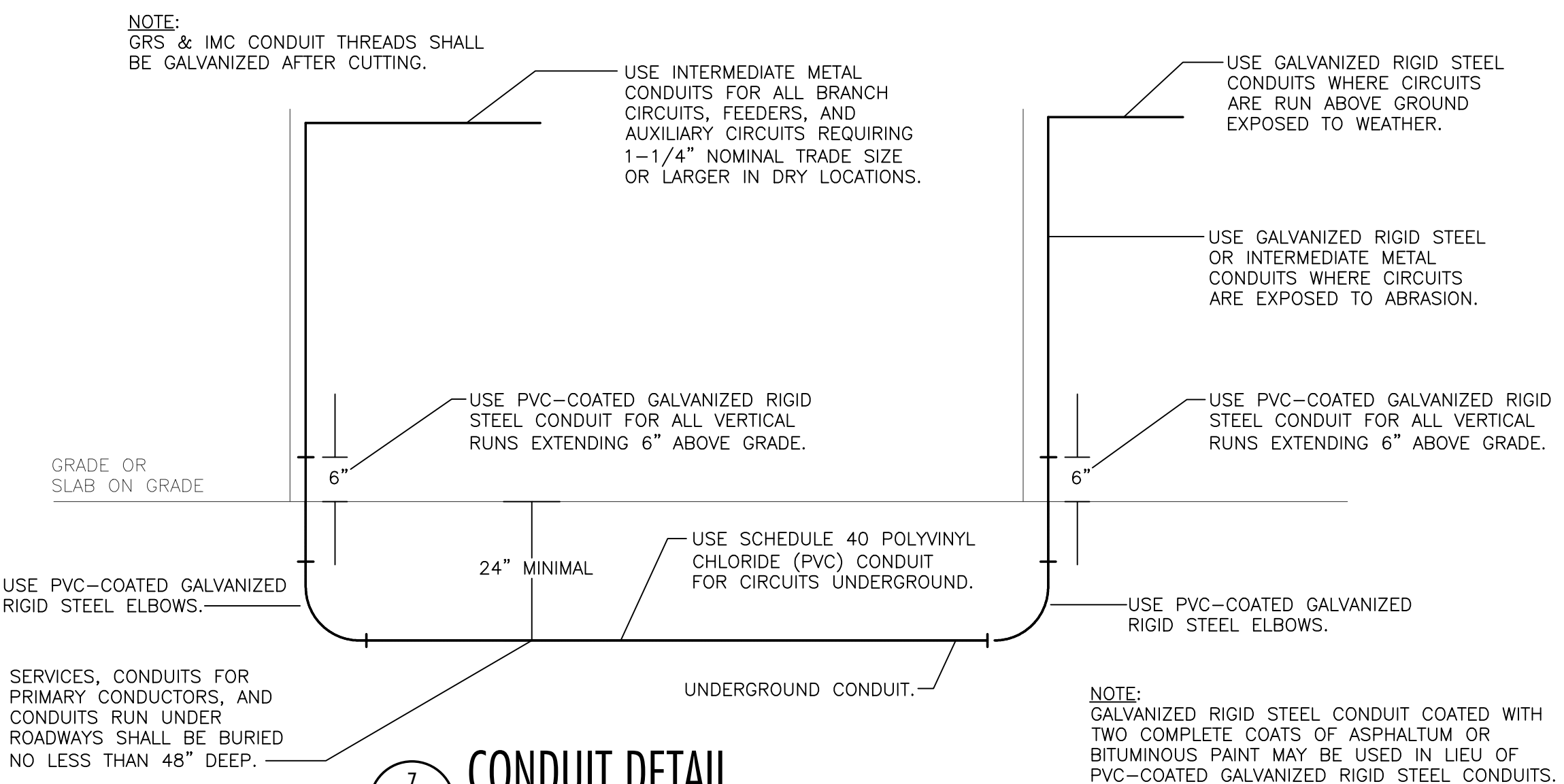
4 GROUNDING DETAIL
E-001 Scale: NONE



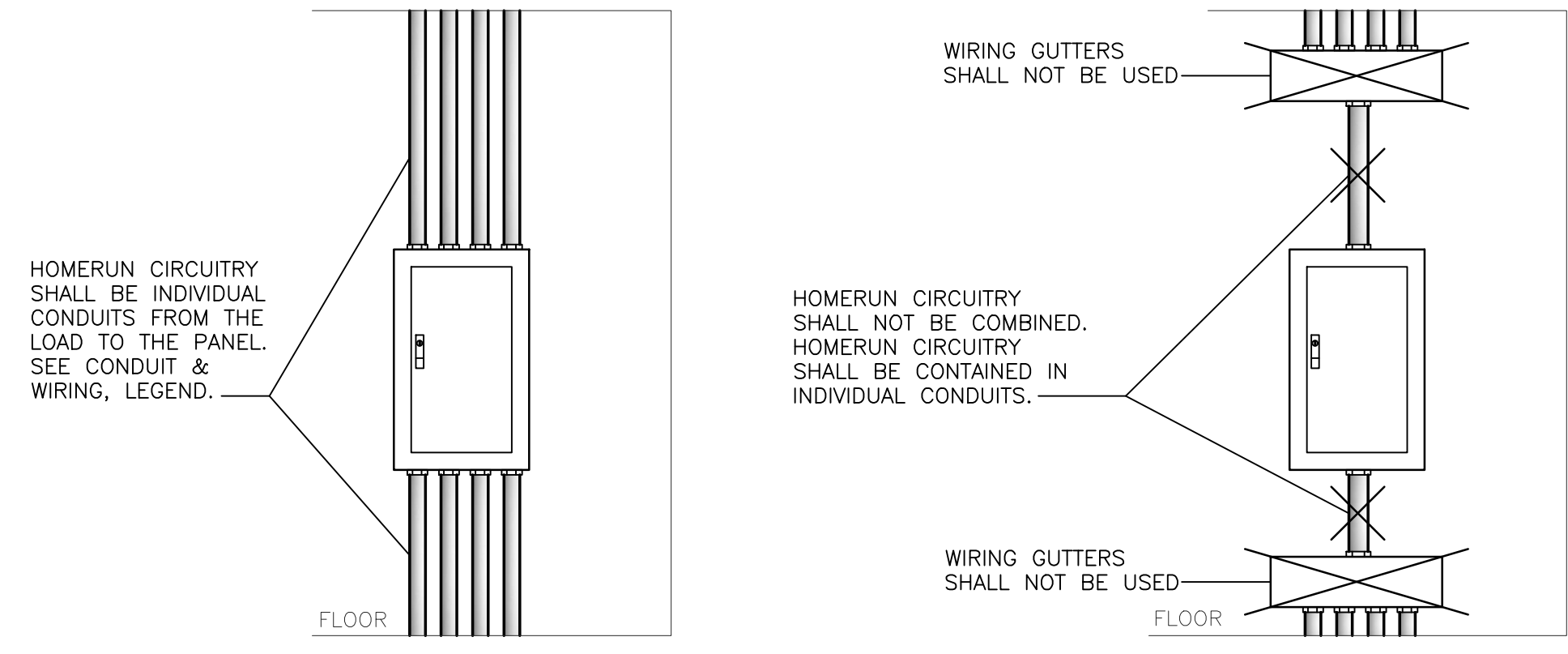
5 GROUNDING BAR DETAIL
E-001 Scale: NONE



6 JUNCTION & OUTLET BOX DETAIL
E-001 Scale: NONE



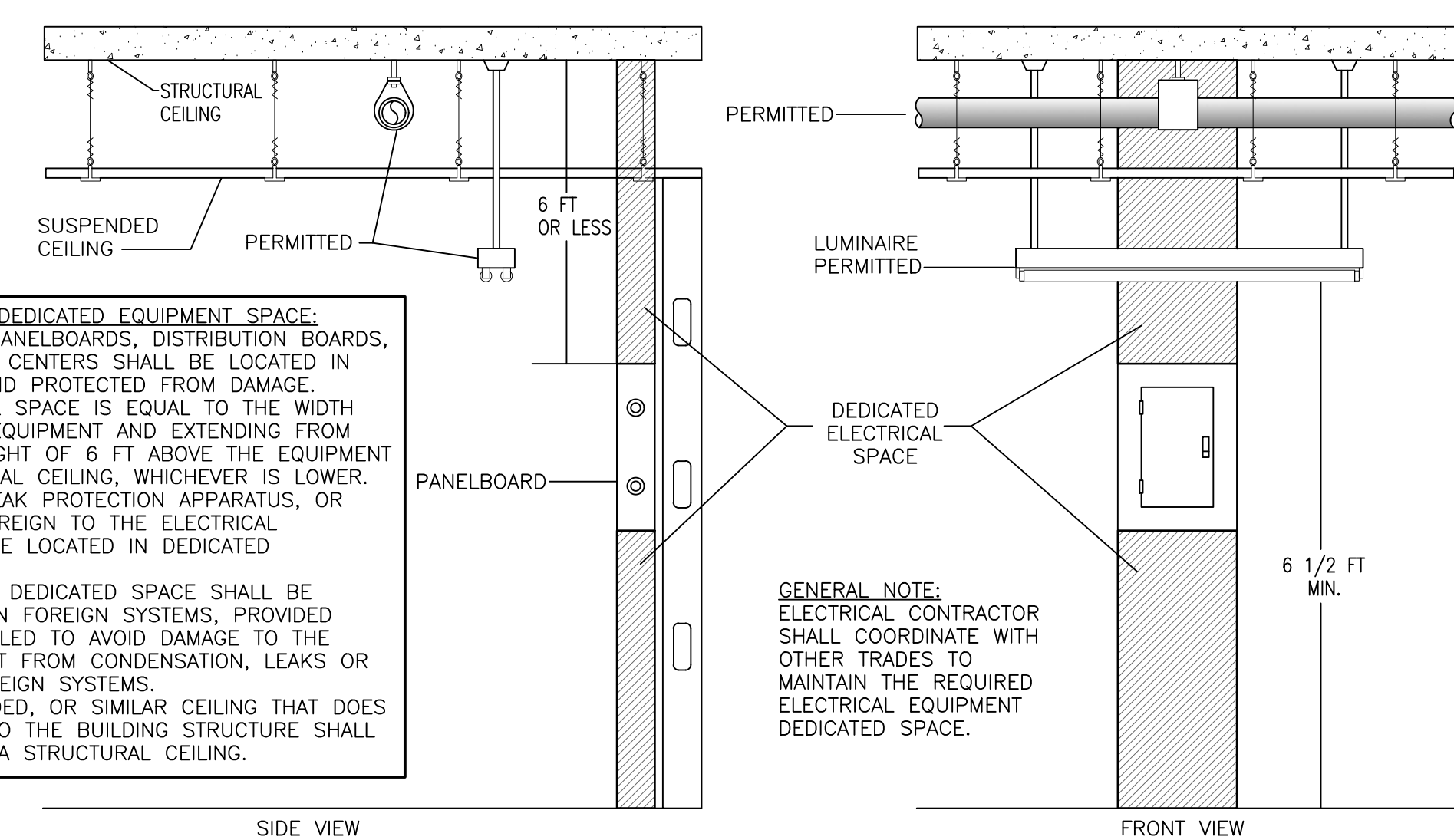
7 CONDUIT DETAIL
E-001 Scale: NONE



8 HOMERUN DETAIL
E-001 Scale: NONE

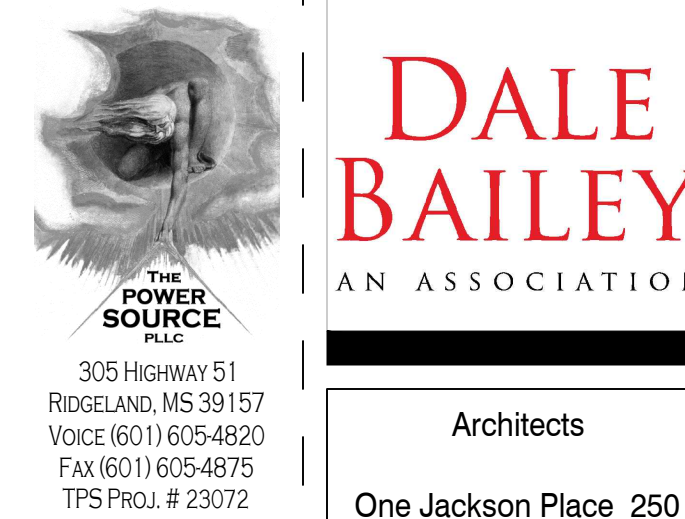
NEC REQUIREMENTS FOR DEDICATED EQUIPMENT SPACE:

- ALL SWITCHBOARDS, PANELBOARDS, DISTRIBUTION BOARDS, AND MOTOR CONTROL CENTERS SHALL BE LOCATED IN DEDICATED SPACES AND PROTECTED FROM DAMAGE.
- DEDICATED ELECTRICAL SPACE IS EQUAL TO THE WIDTH AND DEPTH OF THE EQUIPMENT AND EXTENDING FROM THE FLOOR TO A HEIGHT OF 8 FT ABOVE THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER IS LOWER.
- NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN DEDICATED ELECTRICAL SPACE.
- THE AREA ABOVE THE DEDICATED SPACE SHALL BE PERMITTED TO CONTAIN FOREIGN SYSTEMS, PROVIDED PROTECTION IS INSTALLED TO AVOID DAMAGE TO THE ELECTRICAL EQUIPMENT FROM CONDENSATION, LEAKS OR BREAKS IN SUCH FOREIGN SYSTEMS.
- A DROPPED, SUSPENDED, OR SIMILAR CEILING THAT DOES NOT ADD STRENGTH TO THE BUILDING STRUCTURE SHALL NOT BE CONSIDERED A STRUCTURAL CEILING.



9 DEDICATED SPACE DETAIL
E-001 Scale: NONE

2/21/2023 9:07:37 AM Z:\02023_Projects\23072 - Picayune Multipurpose\DOCUMENTS\E-MALL\2023-02-20\ARCH\22062 Picayune High School Multipurpose v2.rvt

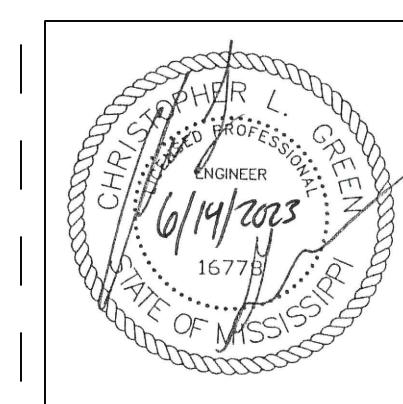


Architects
 One Jackson Place 250
 188 East Capitol Street
 Jackson, MS 39201
 p 601.352.5411

201 Park Court Suite B
 Ridgeland, MS 39157
 p 601.790.9432

161 Lameuse St. Suite 201
 Biloxi, MS 39530
 p 228.374.1409

dalebaileyplans.com



PANEL			LOCATION:	BOTTOM FEED			NEMA 3R ENCLOSURE		
MDP			240Δ/120V, 3Ø, 4W	800A MAIN BREAKER			42,000		
BUS:			SURFACE			AIC RATING (A):			
CIRCUIT NO.	BREAKER	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER		CIRCUIT NO.
	AMPS	POLES	A	B	C		AMPS	POLES	
1	60	3	6.1	13.1		HPBC-01	125	3	2
3	-	-					-	-	4
5	-	-					-	-	6
7	400	3	33.2	3.5		HPCU-01	40	3	8
9	-	-					-	-	10
11	-	-					-	-	12
13	60	3	0.0	2.4		HPCU-02	35	3	14
15	-	-					-	-	16
17	-	-					-	-	18
19	40	3	0.0	0.0	0.0	SPD TYPE 2A	30	3	20
21	-	-					-	-	22
23	-	-					-	-	24
TOTAL			58.3	58.3	58.3				

PANEL			LOCATION:	BOTTOM FEED			PANELBOARD AIC RATING (A):		
EXISTING NN1			240Δ/120V, 3Ø, 4W	400A MAIN BREAKER			42,000		
BUS:			SURFACE			AIC RATING (A):			
CIRCUIT NO.	BREAKER	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER		CIRCUIT NO.
	AMPS	POLES	A	B	C		AMPS	POLES	
1	70	3	7.3	9.0		EXISTING LOAD	80	3	2
3	-	-					-	-	4
5	-	-					-	-	6
7	90	3	0.0	9.0		EXISTING LOAD	80	3	8
9	-	-					-	-	10
11	-	-					-	-	12
13	60	3	0.0	7.3		EXISTING LOAD	70	3	14
15	-	-					-	-	16
17	-	-					-	-	18
19	40	3	0.0	0.0	0.0	SPARE	20	1	20
21	-	-					-	-	22
23	-	-				EXISTING PANEL NN2	100	2	24
TOTAL			33.2	33.2	33.2				

PANEL			LOCATION:	BOTTOM FEED			PANELBOARD AIC RATING (A):		
PA			208Y/120V, 3Ø, 4W	MAIN LUGS ONLY			42,000		
BUS:			SURFACE			AIC RATING (A):			
CIRCUIT NO.	BREAKER	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER		CIRCUIT NO.
	AMPS	POLES	A	B	C		AMPS	POLES	
1	20	1	1.1	0.5		REC - STORAGE, TLT	20	1	2
3	20	1				REC - TOBB	20	1	4
5	20	1				REC - TOBB	20	1	6
7	20	1	0.9	0.5	1.0	REC - OFFICE 105	20	1	8
9	20	1				REC - WEIGHTS, ENTRY	20	1	10
11	20	1				REC - DRINKING FOUNTAIN	20	1	12
13	20	1	0.5	0.5		REC - ICE 103	20	1	14
15	20	1				REC - ICE 103	20	1	16
17	20	1				REC - ICE 103	20	1	18
19	20	1	0.9	0.2		REC - ICE 103	20	1	20
21	20	1				REC - ICE 103	20	1	22
23	20	1				REC - TEAM 104	20	1	24
25	20	1	0.3	8.0	0.3	AC-01	100	3	26
27	30	2					-	-	28
29	-	-					-	-	30
31	15	2	1.0	3.4	1.9	AC-02	50	3	32
33	-	-					-	-	34
35	20	1					-	-	36
37	20	1	0.5	6.1		HRU-01	90	3	38
39	20	1					-	-	40
41	20	1					-	-	42
43	20	1	1.0	0.5	1.0	REC - WASHER	15	3	44
45	20	1					-	-	46
47	20	1					-	-	48
49	20	1	0.0	0.0	0.0	SPARE	20	1	50
51	20	1				SPARE	20	1	52
53	20	1				SPARE	20	1	54
TOTAL			25.9	28.1	26.2	*GFCI BREAKER			

PANEL			LOCATION:	TOP FEED			PANELBOARD AIC RATING (A):		
PA - SEC. 2			208Y/120V, 3Ø, 4W	MAIN LUGS ONLY			42,000		
BUS:			SURFACE			AIC RATING (A):			
CIRCUIT NO.	BREAKER	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER		CIRCUIT NO.
	AMPS	POLES	A	B	C		AMPS	POLES	
55	20	1	0.0	0.0		SPARE	20	1	56
57	20	1				SPARE	20	1	58
59	20	1				SPARE	20	1	60
61	20	1	0.0	0.0	0.0	SPARE	20	1	62
63	20	1				SPARE	20	1	64
65	20	1				SPARE	20	1	66
67	20	1	0.0	0.0	0.0	SPARE	20	1	68
69	20	1				SPARE	20	1	70
71	20	1				SPARE	20	1	72
73	20	1	0.0	0.0	0.0	SPARE	20	1	74
75	20	1				SPARE	20	1	76
77	20	1				SPARE	20	1	78
79	20	1	0.0	0.0	0.0	SPARE	20	1	80
81	20	1				SPARE	20	1	82
83	20	1				SPARE	20	1	84
85	20	1	0.0	0.0	0.0	SPARE	20	1	86
87	20	1				SPARE	20	1	88
89	20	1				SPARE	20	1	90
91	20	1	0.0	0.0	0.0	SPARE	20	1	92
93	20	1				SPARE	20	1	94
95	20	1				SPARE	20	1	96
97	20	1	0.0	0.0	0.0	SPARE	20	1	98
99	20	1				SPARE	20	1	100
101	20	1				SPARE	20	1	102
103	20	1	0.0	0.0	0.0	SPARE	20	1	104
105	20	1				SPARE	20	1	106
107	20	1				SPARE	20	1	108
TOTAL			0.0	0.0	0.0	*GFCI BREAKER			

Picayune High School Multipurpose and Band Hall Renovation
22062 Picayune Multipurpose
and Band Hall Renovation
 Picayune, MS

100% CD

Project No: 22062
 Date: 14 June 2023
 Revisions: Rev Date
 Addendum #3 7/10/2023