

February 18, 2022

Garvin Design Group
1209 Lincoln St.
Columbia, SC 29201

ADDENDUM NO. 3

The following items shall take precedence over the drawings and specifications for the above-named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

Project Manual

<u>Item No.</u>	<u>Description</u>
1.	<u>Revision:</u> Reference Section 101100 Visual Display Surfaces. At paragraph 2.2.A.1.a, add the following: “5). Corona Group Inc. – Elements Vertical Spline Series – Stain Gloss Surface.” At paragraph 2.2.A.1.f.1. delete the following: “16 foot long boards should be made up of 3 panels with the middle module being 8 foot wide minimum.” At paragraph 2.2.A.2.a, add the following: “5). Corona Group Inc. – Elements Vertical Spline Series”
2.	<u>Revision:</u> Reference Section 122413 Roller Window Shades. At paragraph 2.1.B, add the following: “6. Lutek Shading Systems.”
3.	<u>Revision:</u> Reference Section 052100 Steel Joist Framing. At paragraph 1.4, A. delete the following: “A manufacturer certified by SJI”. Add paragraph 1.4, B. “The special joist submittal shop drawings should bear the seal of a South Carolina P.E.” SJI plant certification is not required for the project, provided all steel joists meet project performance requirements and are designed in accordance with SJI Specifications, under the supervision of a South Carolina P.E.
4.	<u>Clarification:</u> Reference Section 275119 Sound Masking Systems and T-series drawings. a. Sound Masking systems shall incorporate voice paging functionality, programmable for any combination of zones shown on the drawings. b. Wall-mounted voice paging stations are located on drawing T1.1, identified as a data triangle symbol with "P". One is located outside Laptop Storage 161 and the other is located in Break Area 139A. c. The basis of design for Paging Stations is Biamp NPX H1100, with the ability to playback up to 10 pre-recorded messages. Stations shall be networked to sound masking processors using a routable Ethernet based protocol such as Dante, AVB, or equal. All network switching shall be provided by contractor to form a complete system between both floors.
5.	<u>Revision:</u> Reference Section 073100 Composite Roof Tiles. At paragraph 2.3.A.1, add the following: “c. EcoStar.”
6.	<u>Revision:</u> Reference Section 034900 Glass-Fiber-Reinforced Concrete (GFRC). At paragraph 1.2.A, add the word “integral” to the sentence as follows: “....cast units of GFRC, anchors,

integral cold-formed metal framing as required...”; At paragraph 1.4.A, add the word “integral” to the sentence as follows: “ Provide GFRC cast units, including integral cold-formed framing for support...”; At paragraph 1.5.B.7, add the word “Integral cold-formed metal framing details...”; At paragraph 1.5, add the following: “I. Qualification Data: For GFRC erector.”; At paragraph 1.6.A.1, add the word “integral” to the sentence as follows: “...for GFRC cast units and integral cold-formed metal framing...”; At paragraph 2.1.A, add the following: “6. Fibblast.”

7. Revision: Reference Section 089119 Fixed Louvers. At paragraph 1.5, add the following: “G. Delegated Design Submittal: For louvers indicated to comply with structural, seismic and wind load performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.”; At paragraph 1.4, add the following: “G. Delegated Design: Design louvers, including comprehensive engineering analysis by a qualified professional engineer, using structural, seismic, and wind load performance requirements and design criteria indicated.”; At paragraph 2.2.E, add the following: “Provide additional support members as necessary to the louver units in order to meet the specified wind load requirements and comply with the requirements of the Delegated Design engineering analysis.”

Drawings

- | <u>Item No.</u> | <u>Description</u> |
|-----------------|---|
| 1. | <u>Revision:</u> Reference Drawing L1.5 for clarification on concrete pavers. |
| 2. | <u>Revision:</u> Reference Drawing A7.10 for additional louver attachment detailing. |
| 3. | <u>Revision:</u> Reference Drawings S4.3 and S4.4 for revised soffit framing details. |
| 4. | <u>Revision:</u> See attachment “RMF Addendum No. 3” for description of electrical drawing revisions. |

Questions/RFIs

1. Q: Drawing C-5.1 – Temporary sidewalk is going to interfere with 4 inlet protections and sediment fence. Temporary 6’ fence will also interfere with inlet protection adjacent to new temporary sidewalk by Owner.
A: Owner to adjust temporary sidewalk and fencing to accommodate inlet protection around drainage structures. Owner to coordinate with contractor on adjustment prior to concrete pour.
2. Q: Drawing C-5-1 reflects a 75’ opening for construction stoned entrance. Drawing C-1.2 security fencing plan does not reflect an opening or gates at this location per C-5-1.
A: Location of security fencing and gates can be revised as needed to accommodate construction ingress and egress. See general note #4 on drawing C1.2.
3. Q: Drawing C1.2 reflects new fencing. The fencing does not secure the limits of construction. See work required at end of Wheelwright building. In addition, there is no sediment control plan at end of building. The security fence along the main road is inside the limits of construction. There also is no sediment control plan that extends to limit of construction. Questions:
 - a. Will security fence have to be installed twice?

A: The intent was to keep this area easily accessible by the owner during construction of the Library. Construction of this area south of Wheelwright can be accomplished at any time and should not take long. Therefore, this area was left open. However, methods, means and scheduling is the responsibility of the contractor. Coordinate with the owner on access to the area south of Wheelwright and schedule demolition and construction activity with the owner.

- b. Will sediment control have to be installed twice?

A: Disturbed areas are to be stabilized by the contractor during and after construction. Stabilization sequence is the responsibility of the contractor.

- c. Will these two areas be available at award for our access? If not, will these two areas be phased in at end of project? Will time to complete these areas be in addition to time for completion specified? Will the architect be designing fence revision and sediment controls for these two areas? Do you have a start date for these two areas?

A: This area will be available after award for access. Coordinate with the owner on scheduling access. The area south of Wheelwright should not be considered a separate area as it is part of the overall project. Scheduling of demolition and new construction is the responsibility of the contractor and should be coordinated with the owner.

4. Q: The geotechnical report page 7 under excavation stairs, "If water is encountered during excavation, the level should be maintained at least 2 feet below excavation.

- a. What type of dewatering system should a bidder consider? For example, a well point at elevator pit?

- b. The surface water can probably be controlled by sump pumps.

- c. Should we consider sump pumping up to 2" pump? Anything above that would be a change.

A: These questions and responsibilities fall under the Contractor's means and methods.

5. Q: Once we have notice of low bidder and if we are within a budget at our risk, can we start submittal process and schedule preconstruction meeting and recycling meeting?

A: Please consult the OSE project manual <https://link.edgepilot.com/s/b084601d/dK-YR7wNu0mUI10pTZH1pwg?u=https://procurement.sc.gov/manual> for any questions concerning post bid pre-construction meetings, contract award, etc." Please also note, if the contractor chooses to move forward with any aspect of the project prior to the dates set forth in the OSE construction manual, he/she does so at the contractor's own risk.

6. Q: In reference to Cast Stone:

- a. The specifications call for Cast Stone Institute certification. Will a certified Architectural Precast Association (APA) plant be acceptable? They have their own cast stone specifications.

- b. The specifications call for the vibratory tamp process in manufacturing the precast pieces. Will wet pour be acceptable?

A: The Cast Stone specifications should be adhered to as written.

7. Q: Are all exterior columns galvanized? A: No, they should all be properly primed.

8. Q: Are all columns to be coated with water resistant protectant prior to pouring diamonds? A: Yes.

9. Q: Should the 8 columns at Exterior connector have the below grade void filled solid to prevent water entrapment? A: Yes.

10. Q: Confirm that detail 3/S4.3 is correct for the callout at 8/M on the second floor. Is the 32" deep concrete band required at this location? If so provide extents as indicated by keynote #3.

A: The 32" concrete band is not required at this location.

11. Q: Soffit detailing is not similar between structural and Architectural; reference 1/S4.4 and 6/S4.3 and compare against 3/A6.16
A: See revised S4.3 and S4.4 to match soffit framing on 3/A6.16.
12. Q: Structural drawings note 3 mentions sprayed fireproofing; however Table 7 on G1.2 states that the primary structural frame does not required a rating. Confirm no SFRM assemblies are required
A: This general note applies only in the event that there are locations designated with SFRM on structural steel. SFRM assemblies are not required on the project.
13. Q: Section 010000 – 1, 1.4.A. and Bid Form, Page BF-1, 5. – please verify who is responsible for permits, licenses, etc. A: CCU covers the building permit and Chapter 1 and 17 inspections. The Contractor is responsible for all other fees.

END OF ADDENDUM NO. 3

Attachments:

1. RMF Addendum No.3 (3 pgs.)
2. Revised Drawings: L1.5, A7.10, S4.3, S4.4.

ADDENDUM NO. 3 FEBRUARY 18, 2022

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

Listing of multiple products or manufacturers within specifications or approval of products or manufacturers via substitution request does not waive or preclude any and all performance, warranty or specific requirements listed within the specification unless specifically noted in the Addendum. Contractor may proceed with approved substitutions providing the Contractor assumes full responsibility for, and makes, at his own expense, any changes or adjustments in construction or connection with other work that may be required by the substitution of such materials, equipment or methods.

QUESTIONS:

1. Question: Prior Approval received from Power Systems Inc on 2/8/2022.
Answer: CCU would like the project to bid the three manufacturers listed in the specification 263213. Approval to use Taylor Power generator is not approved.
2. Question: Prior approval received from CALD on 2/14/2022 to use a PureEdge FN-UDF7 Series for fixture type V1 and V2.
Answer: Fixture from PureEdge is approved, 5 or 7 watt is acceptable.
3. Question: Prior approval received from TriTek Fire and Security to use the Rath IP call box catalog #2100-958NSIP for the 2-way call box.
Answer: Equipment is approved.
4. Question: Drawing E2.1 and E2.2 shows type W4 fixtures which are exterior wall lights in locations that would typically be a downlight. Please clarify.
Answer: There are only (2) W4 fixtures and they are in the generator enclosure. The other W4 fixtures are incorrectly labelled and should be downlight D4. No updated drawings were issued for this change.
5. Question: Drawing E2.2 note 13 states DIMMER ON FIRST LEVEL FOR L3 WALL MOUNTED FIXTURE. There does not appear to be any L3 fixtures in the area. Please clarify.
Answer: Note 13 can be deleted. No updated drawings were issued for this change.
6. Question: Spec section 283111 2.14 EMERGENCY RESPONDER RADIO COVERAGE SYSTEM states the following - A. Basis-of-Design Product: Subject to compliance with requirements, provide products from the previous vendor on campus, Radio Communications of Charleston Inc or

equal representatives. After contacting them we were advised that they did not install this system. Can contact info be provided for the owners ERRC installer?

Answer: Owner response is "Mobile Communications of Charleston did in fact install a majority of the fiber shelf and BDA's."

SPECIFICATION REVISIONS:

1. Section 237313 – Indoor Air-Handling Units:
 - A. Update Section 237313 3.6 A. to read "Factory test one (1) unit to verify compliance with airflow, static pressure, casing leakage, and panel deflection requirements. Owner and engineer reserve the right to select unit to be tested. Should the selected unit fail a test, all of the units shall be factory tested with a permanent remedy at manufacturer's expense until test is successfully passed. In addition, the factory tests shall be recorded on video for a record of procedure and results."
 - B. Update Section 237313 3.6 B. to read "Manufacturer shall cover the cost food, lodging, and travel expenses for up to two witnesses."
2. Section 283111 – Digital, Addressable Fire-Alarm System:

Update Paragraph 2.12 B. to read:

 - A. The following equipment (Basis of Design: Cooper Industries) will be provided by CCU for the antennae-based notification system:
 1. ACU-8411 Autonomous Control Unit (This includes a SP-40, IPC Communicator W/can and interface eq & cables)
 2. ANT-805-OM Antenna (This must be installed within 90' of the wireless IP radio and within direct line of sight on another MNS antenna.)
 3. ANT-LPM-1 Antenna Lightning Protector
 4. CAB-LMR-400-100 Antenna Cable, 100 FT
 5. J01-01014 (qty. 5) Cable Connector, Male, Straight
 6. **Radio-900M Wireless IP Radio (Can be mounted remotely if necessary)**
 7. **SPX-RMX Expansion Mic Module (This is only required in buildings with remote microphones)**
 8. **Remote microphone: Model SPRM**
 - B. The following equipment (Basis of Design: Cooper Industries) will be provided by the fire alarm vendor for the antennae-based notification system:
 1. SPB-80/4, SPB-160 or SPB-320 Audio Buster Panels as needed to accommodate the FA/MNS Speakers. Provide at least 25% spare capacity on all booster panels (amplifiers) for future expansion.

Contractor to provide audio cable in 2.12 E from FACP to future control unit to be located in the second-floor telecom closet. Contractor to assist in the programming of the notification system in the FACP. Delete 283111 2.12 D and F.

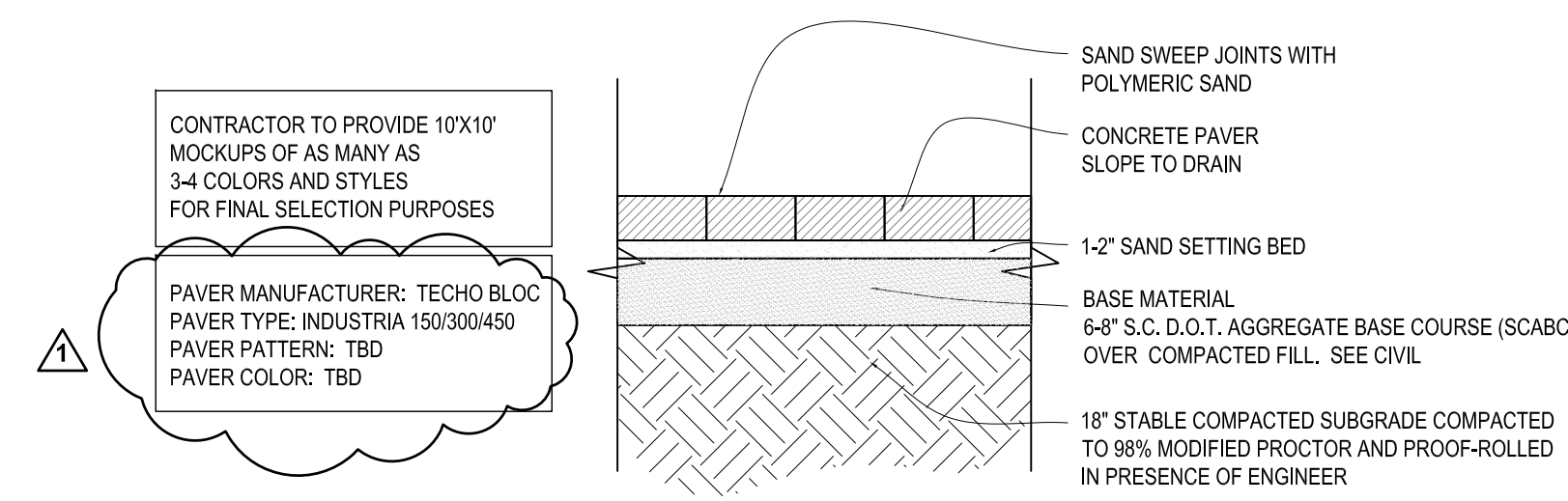
DRAWING REVISIONS:

1. Drawing E2.1 - 1st Floor Electrical Lighting Plan
 - A. Grand Strand Water and Sewer (GSWS) will be relocating their electrical lift pump components that are currently mounted to the existing brick enclosure. The existing brick enclosure will be demolished. GSWS will be locating their equipment in the new boiler building brick enclosure on the plan north wall near the SSHP heat pump on the exterior. Contractor to coordinate with GSWS via CCU for any coordination of GSWS demolition and installation of electrical rough-ins etc.

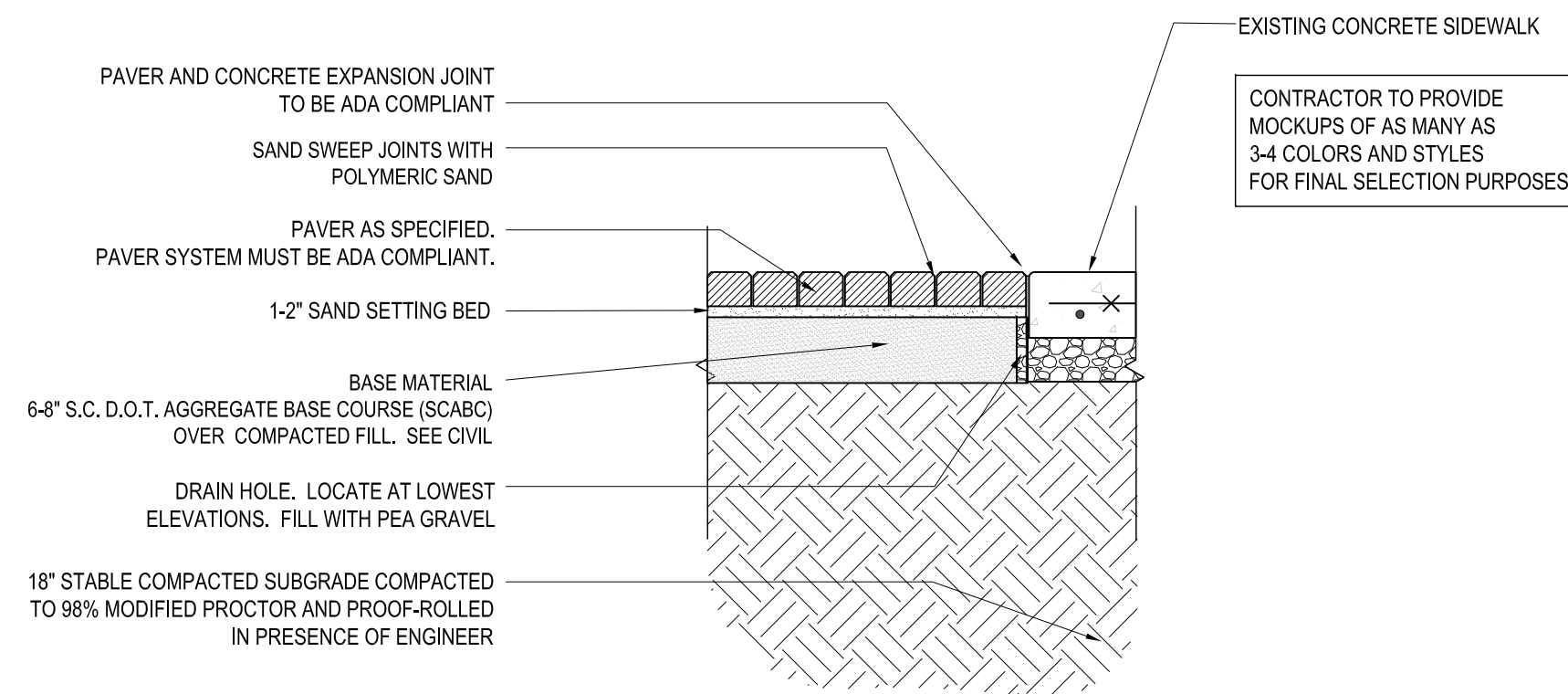
2. Drawing E2.1 - 1st Floor Electrical Lighting Plan
 - A. Provide 0-10 Volt dimmer for type V1 in plan north Commons Area (V1 fixtures fed from DP1B). Place switch next to dimmer for L2 fixtures (under steps). No drawing revision has been issued for this change.

- Drawings attached: None
- Specifications attached: None
- Other attached: None

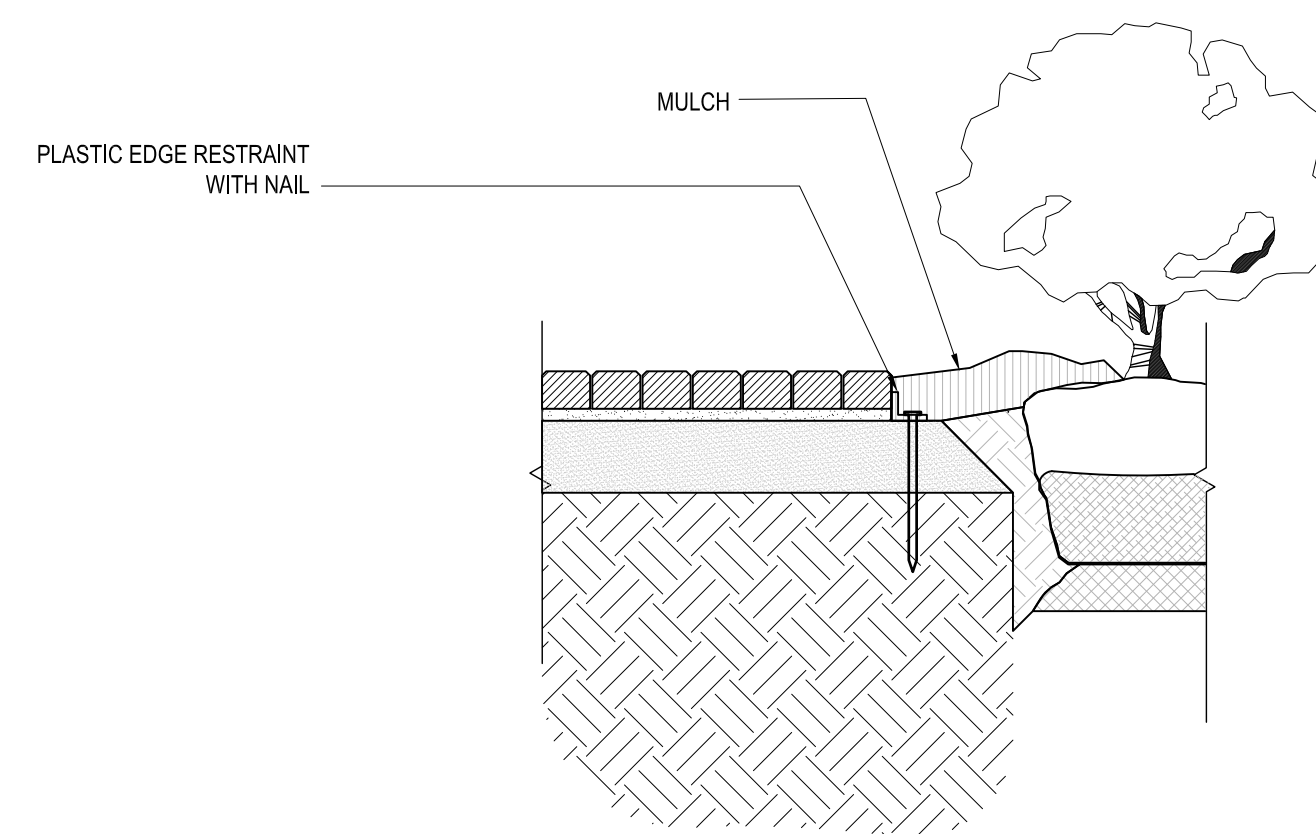
END OF ADDENDUM NO.3



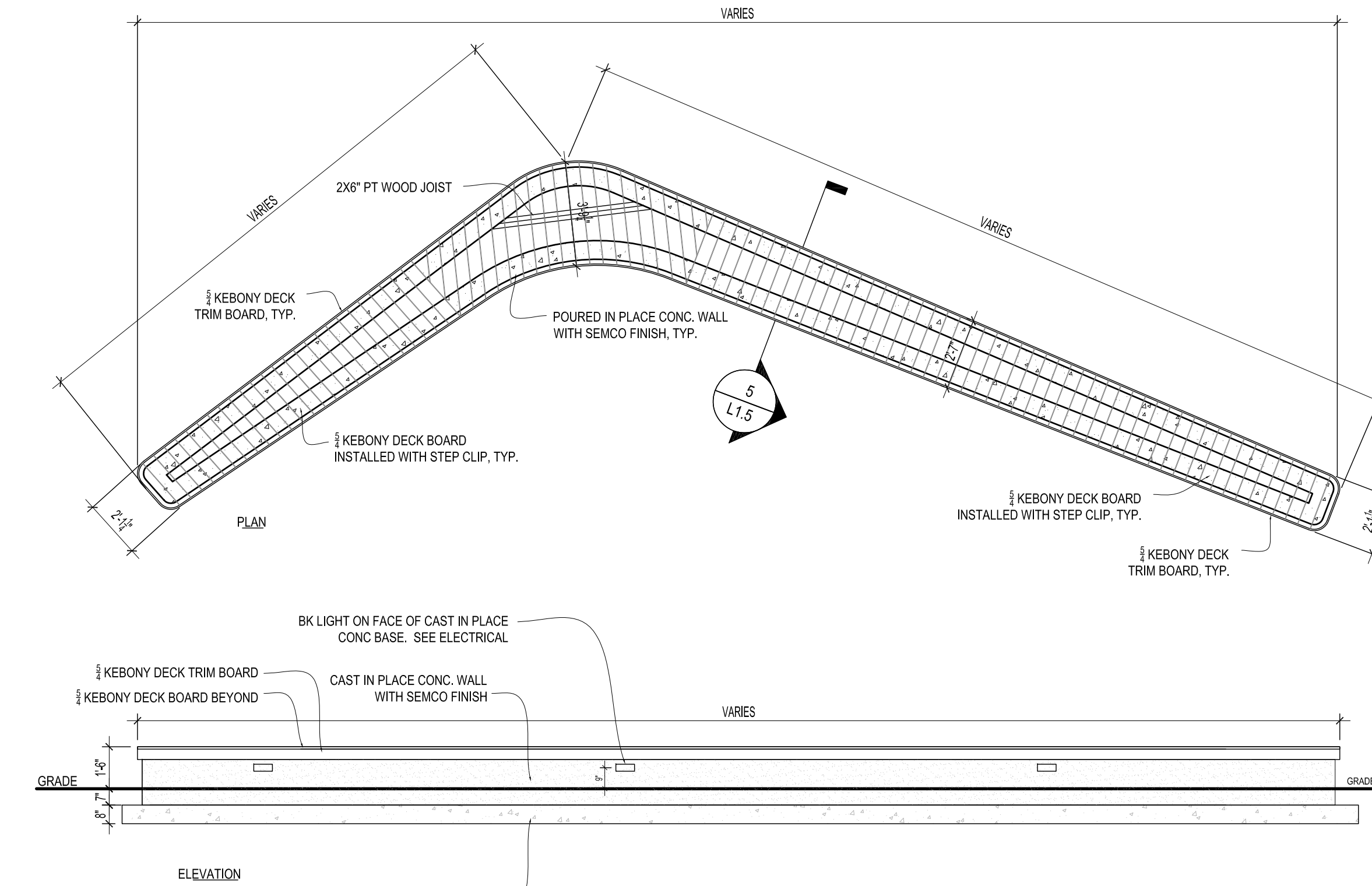
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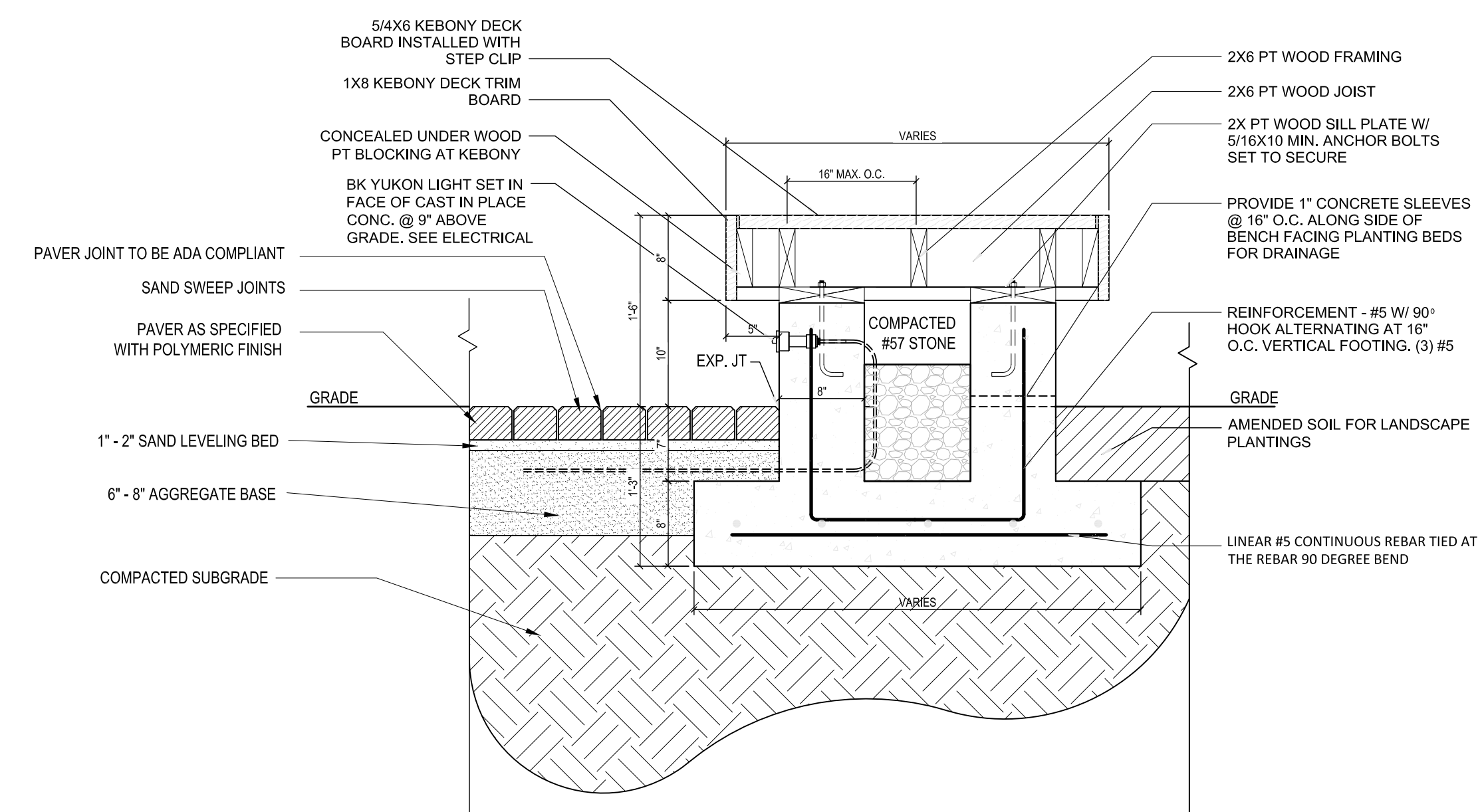
02 PAVER @ EXISTING CONCRETE SIDEWALK
SCALE = NTS



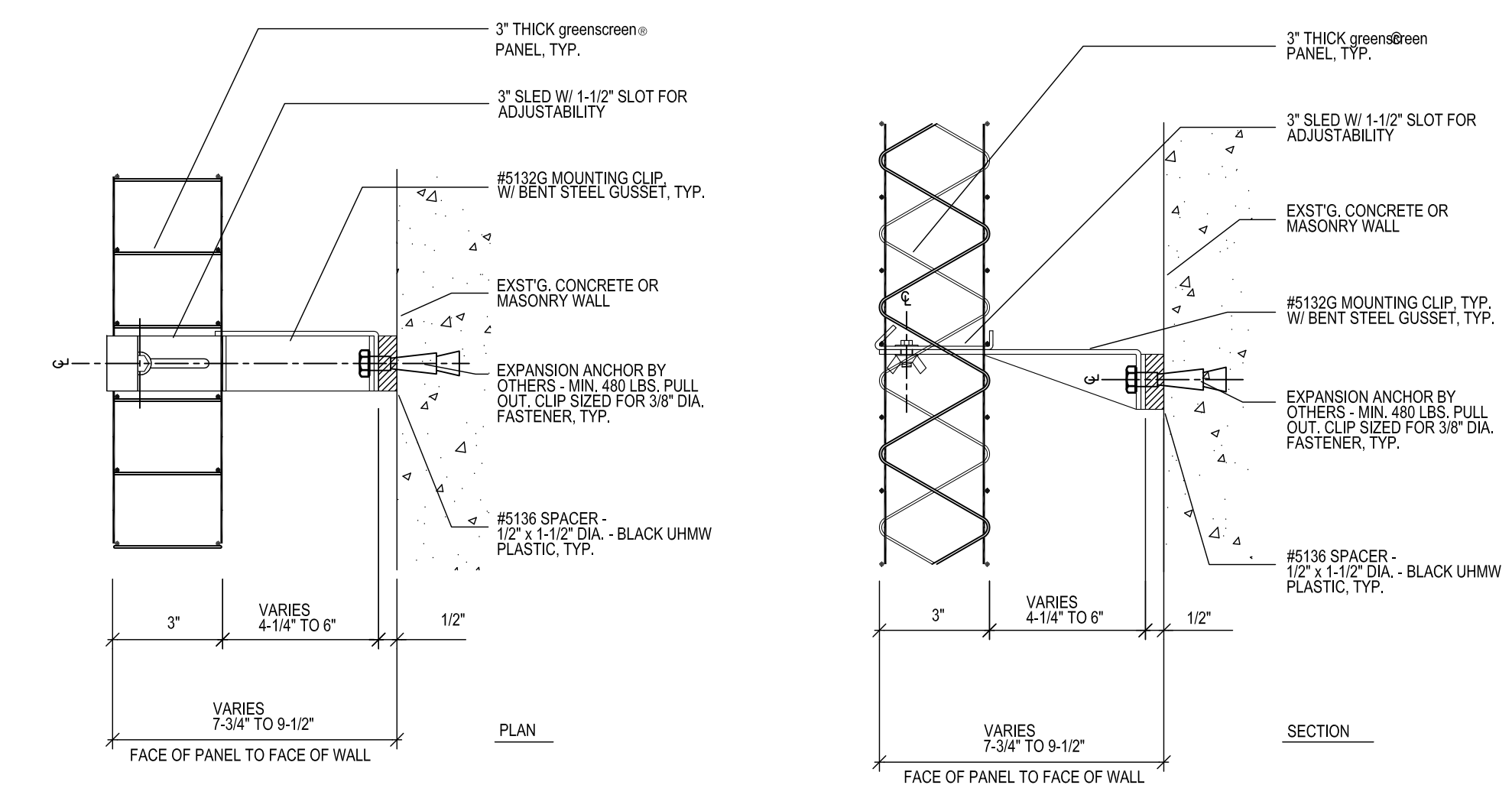
03 PAVER EDGE RESTRAINT @ LANDSCAPE BED
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04 BENCH DETAIL
SCALE: 1/4" = 1'-0"



05 BENCH SECTION
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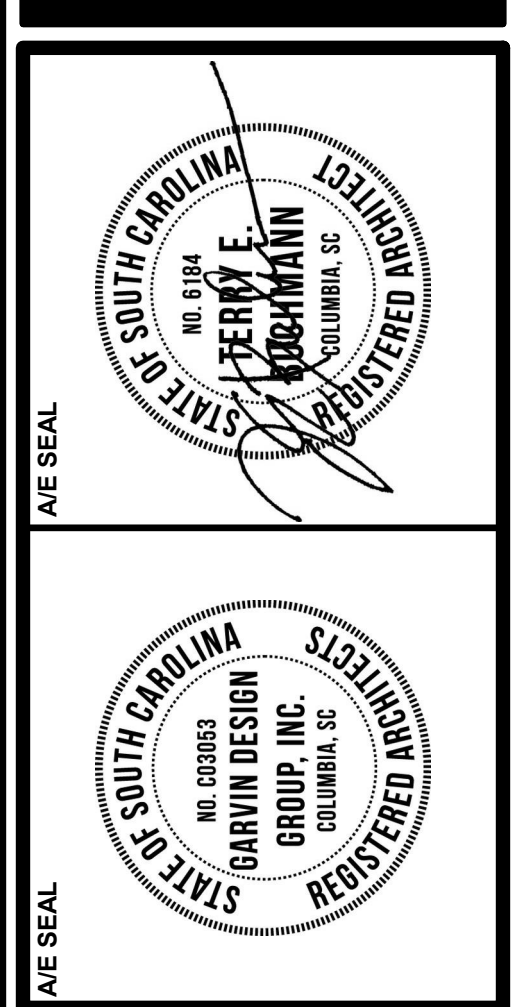
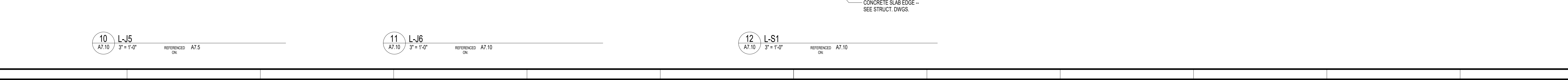
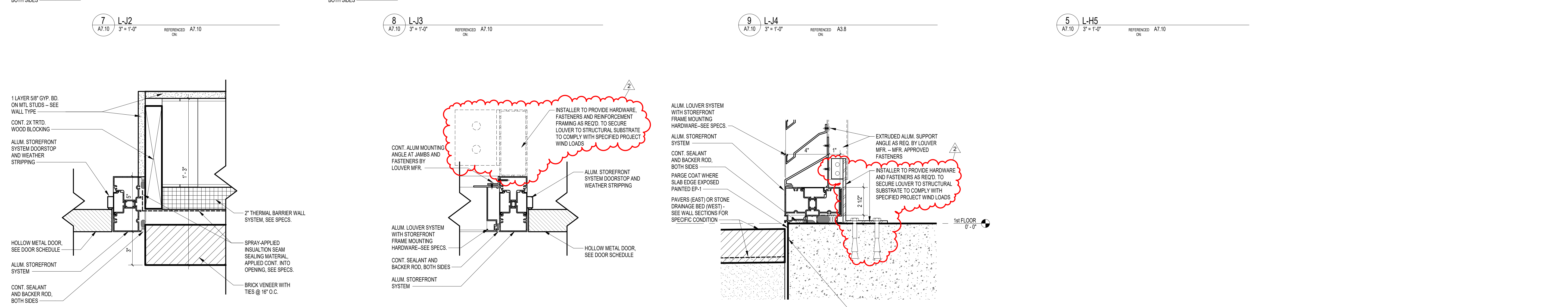
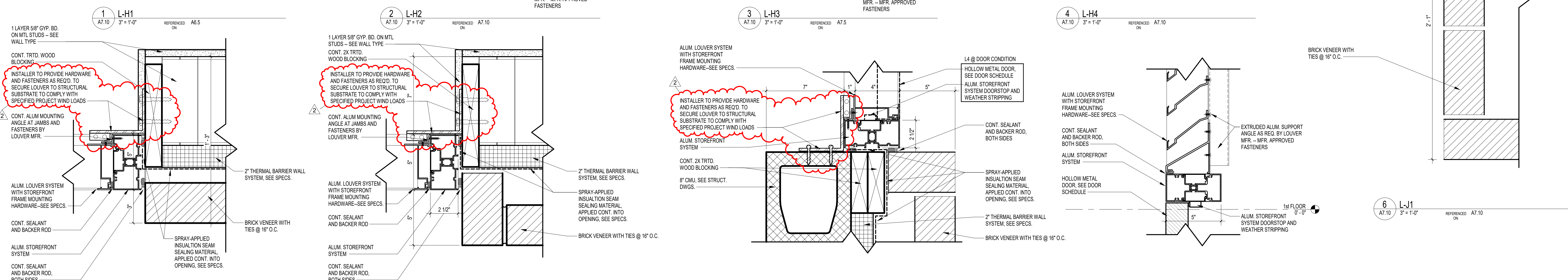
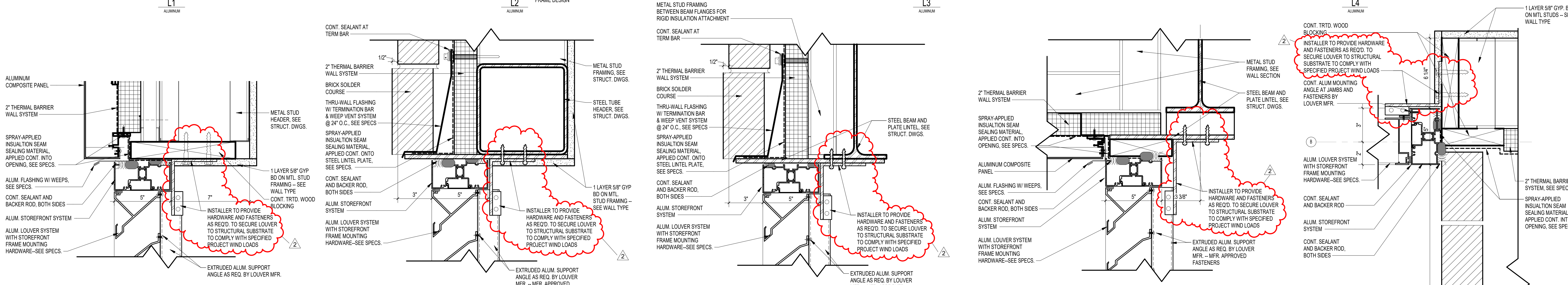
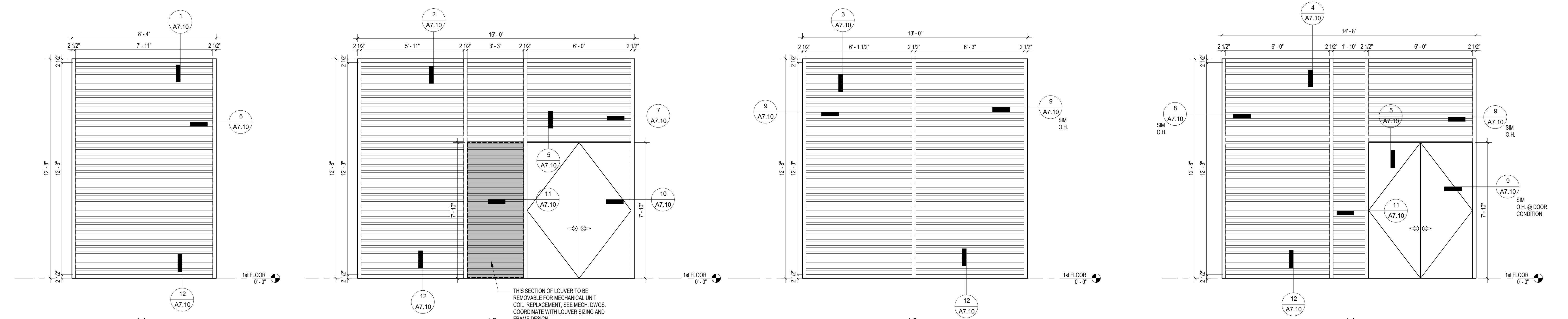


06 GREEN SCREEN DETAILS
SCALE: 1/4" = 1'-0"

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CHECKED BY: ROM
DATE: 02.10.22

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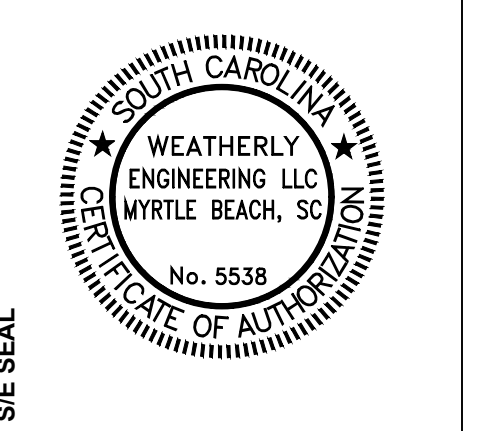
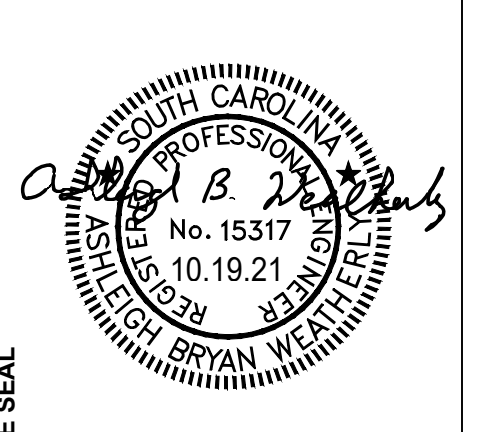
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COASTAL CAROLINA UNIVERSITY
LIBRARY LEARNING COMPLEX
 STATE PROJECT NUMBER: H17-9615-MJ
 370 UNIVERSITY BLVD.
 CONWAY, SC 29526

NO.	REVISIONS	DATE
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LOUVER ELEVATIONS AND DETAILS

PROJECT NO. CSM/19
DATE 01-14-22
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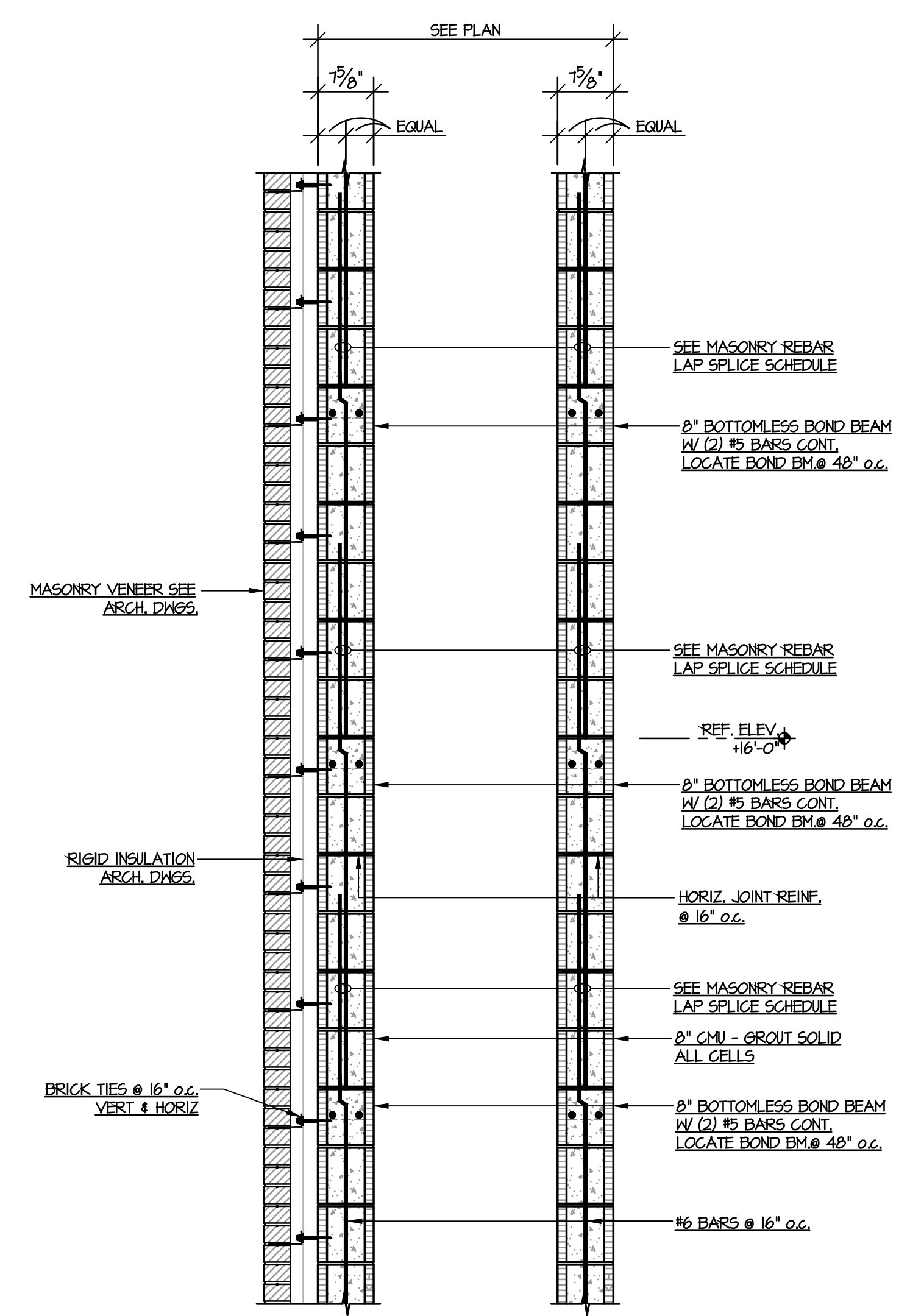
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 STATE PROJECT NUMBER H17-9615-MU
 CONWAY, SC

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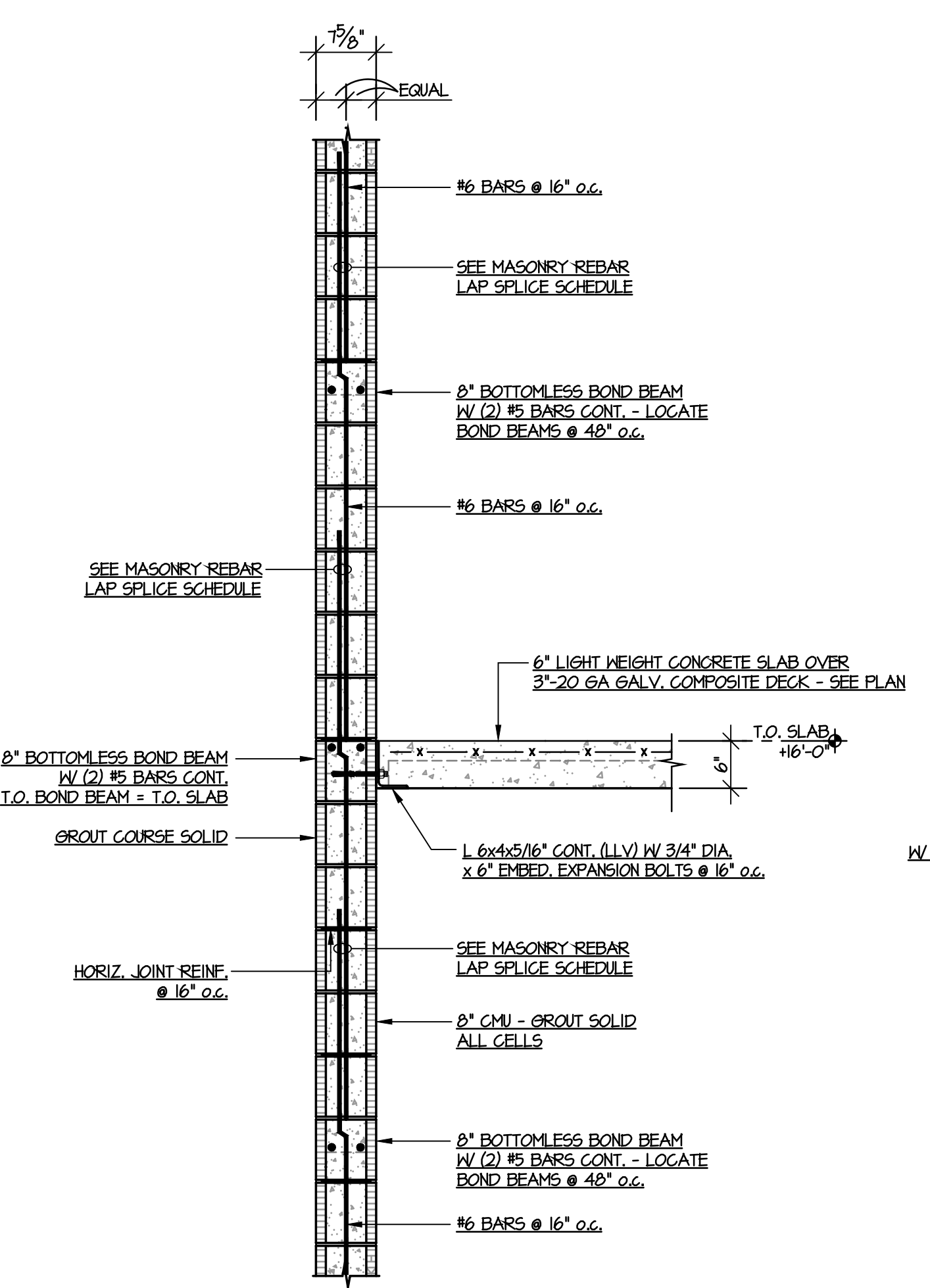
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DRAWING TITLE
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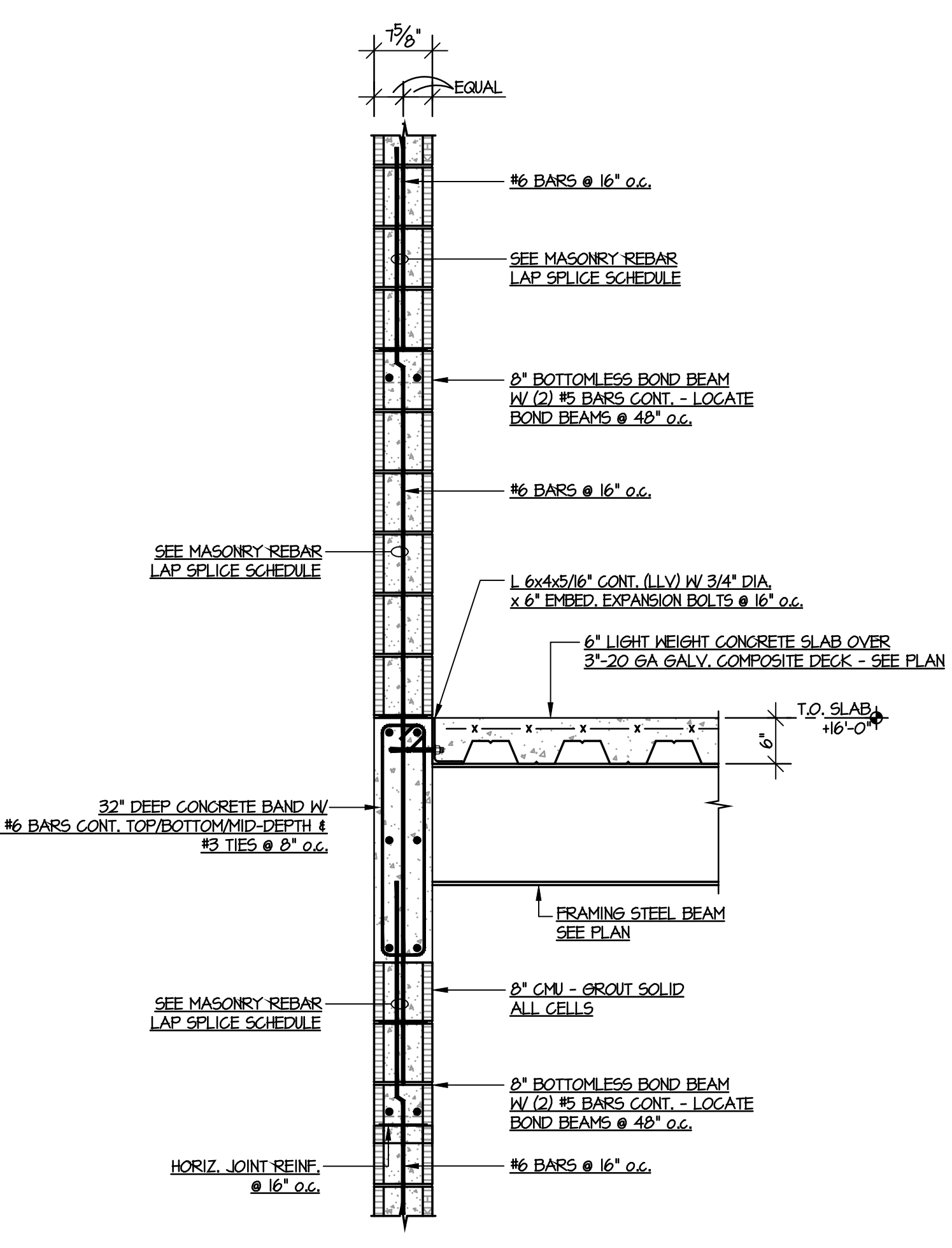
PROJECT NO. C509.19
 DATE 10.19.21
 DRAWING NO. **S4.3**



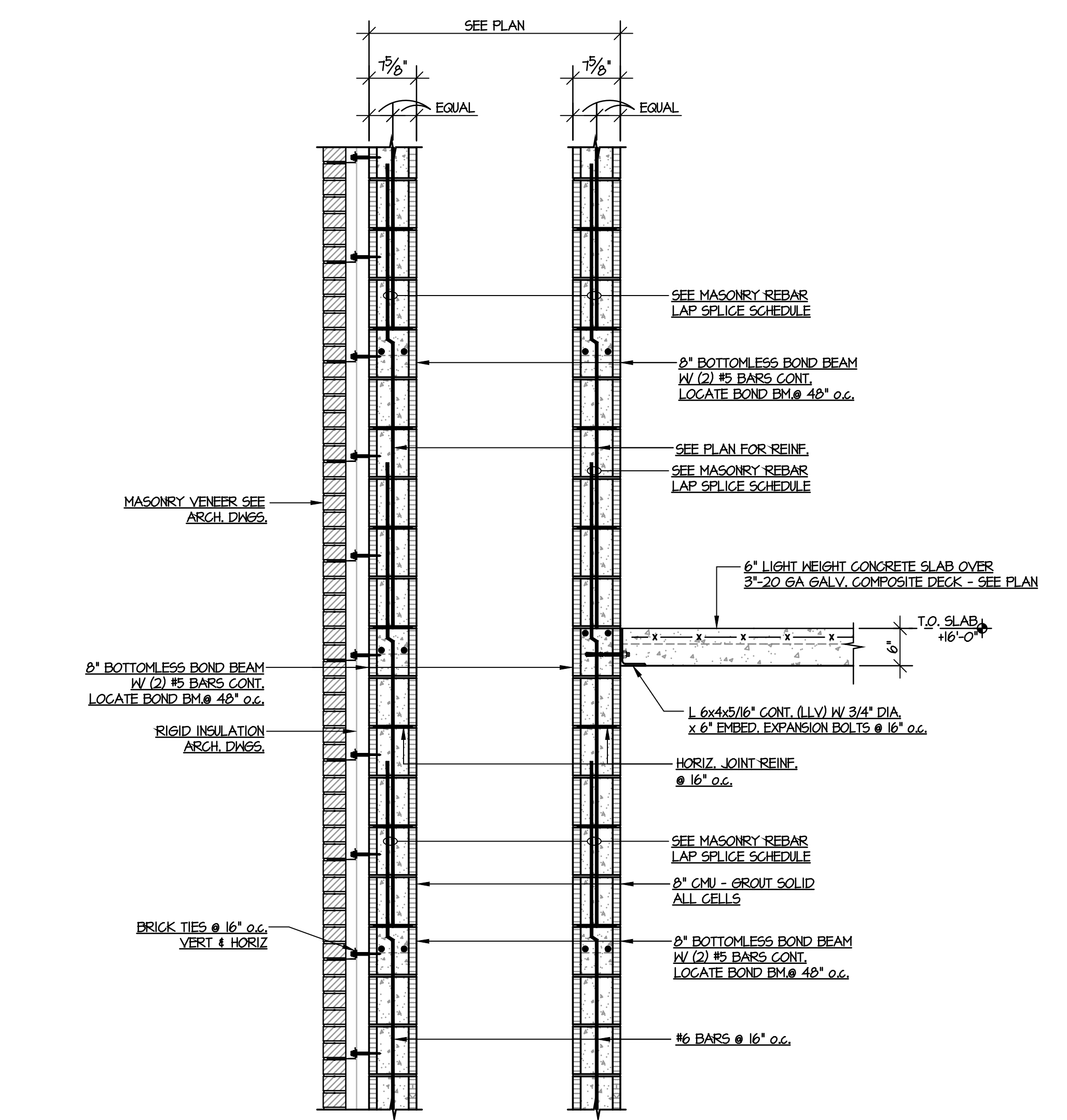
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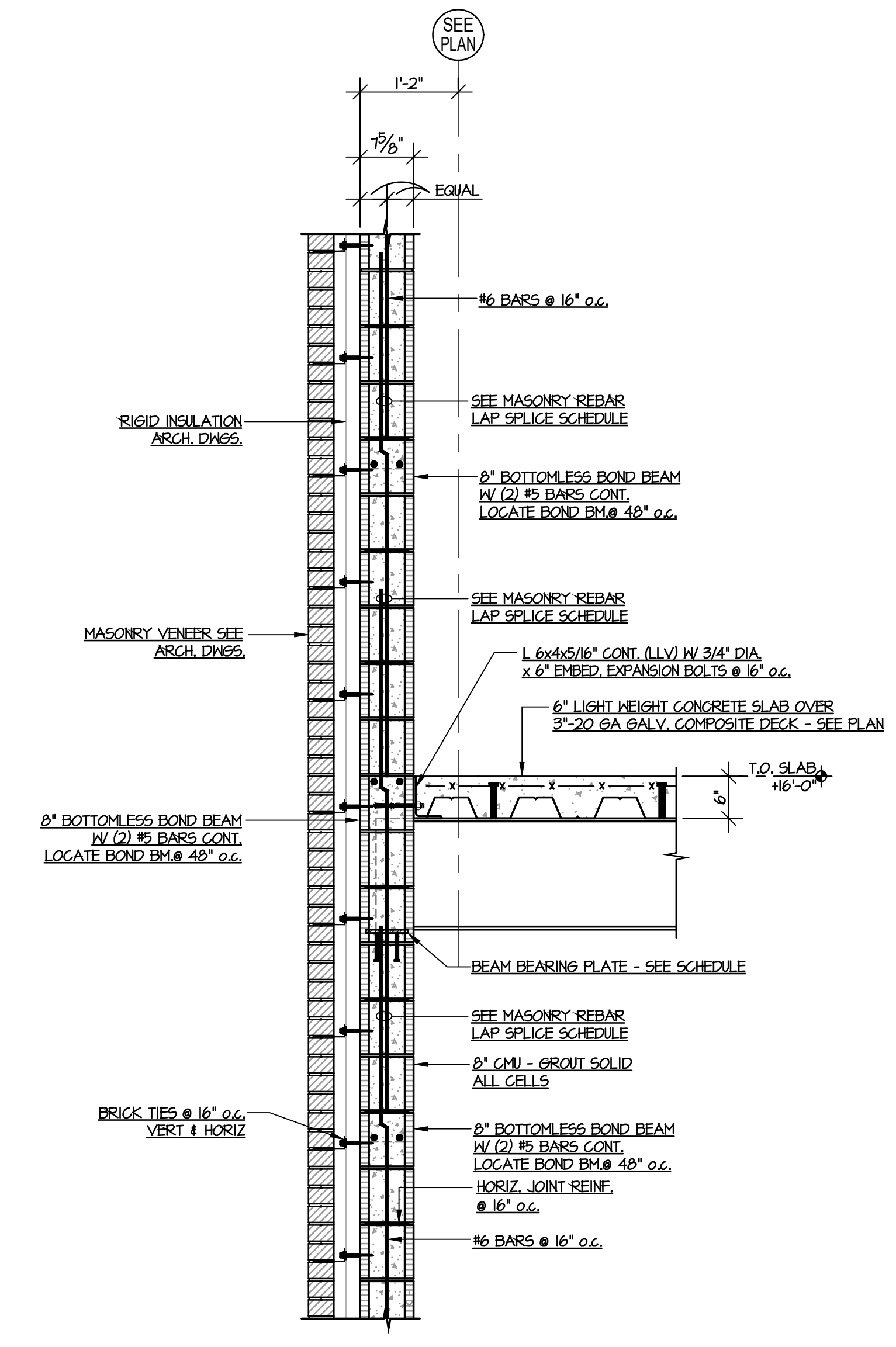
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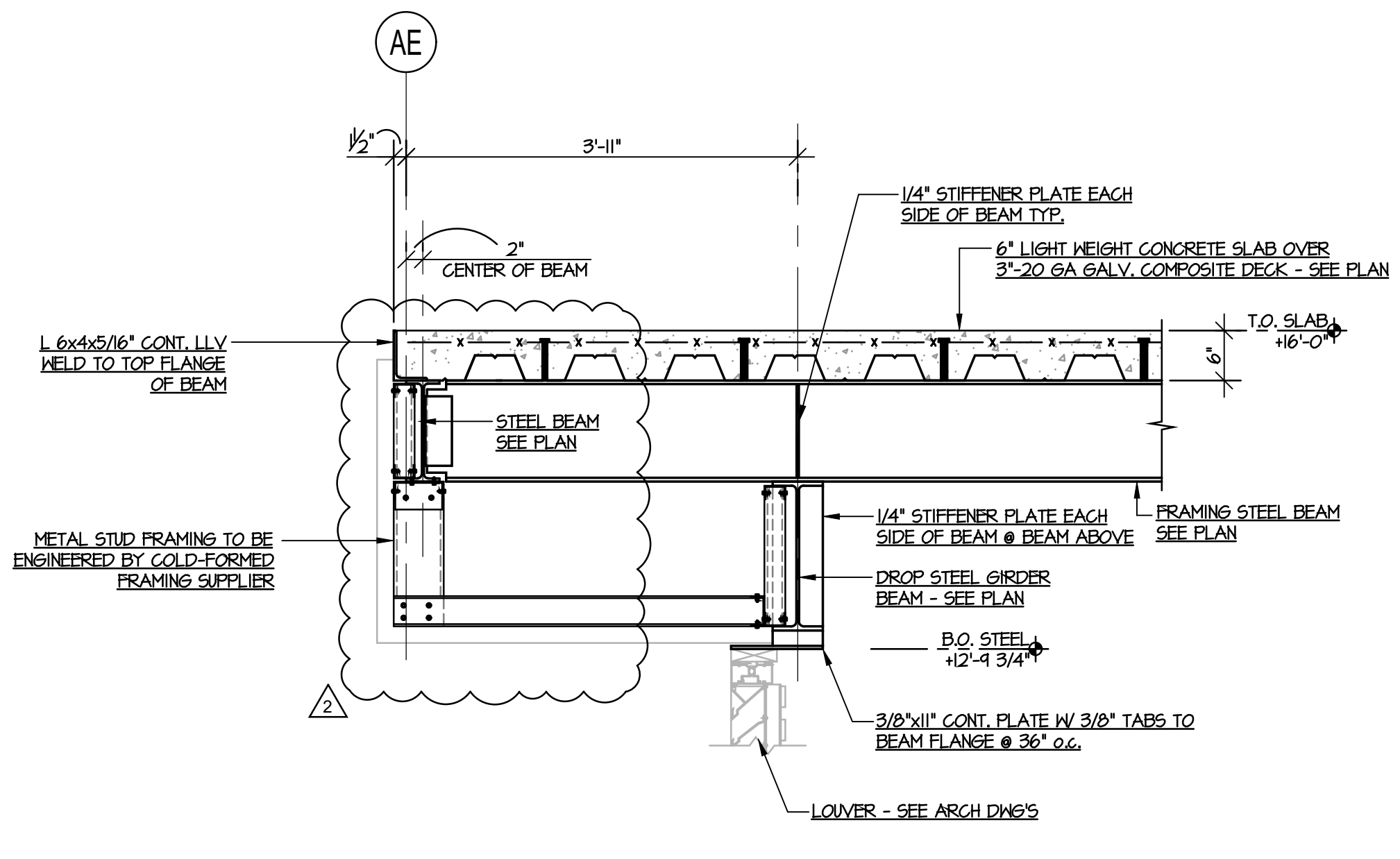
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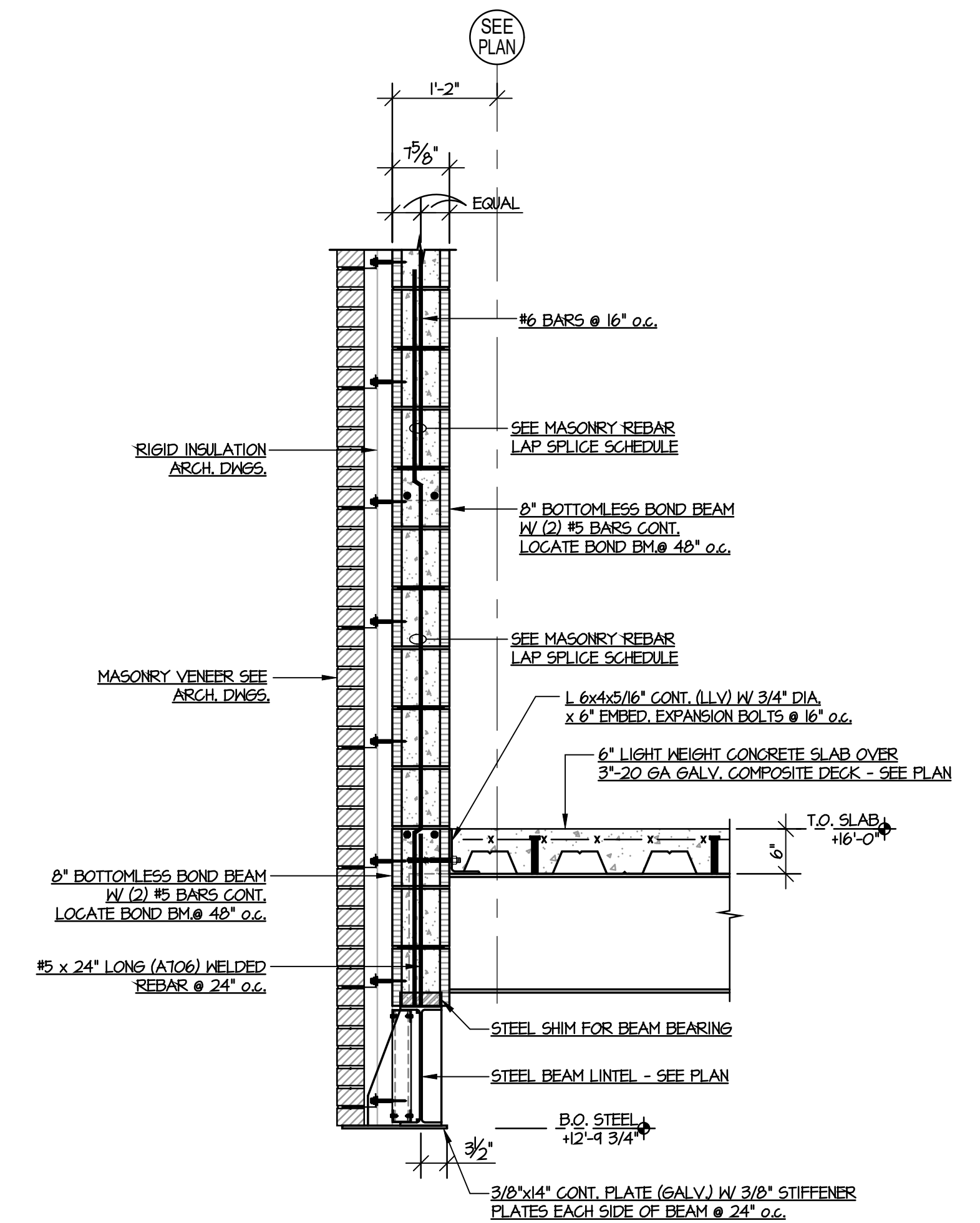
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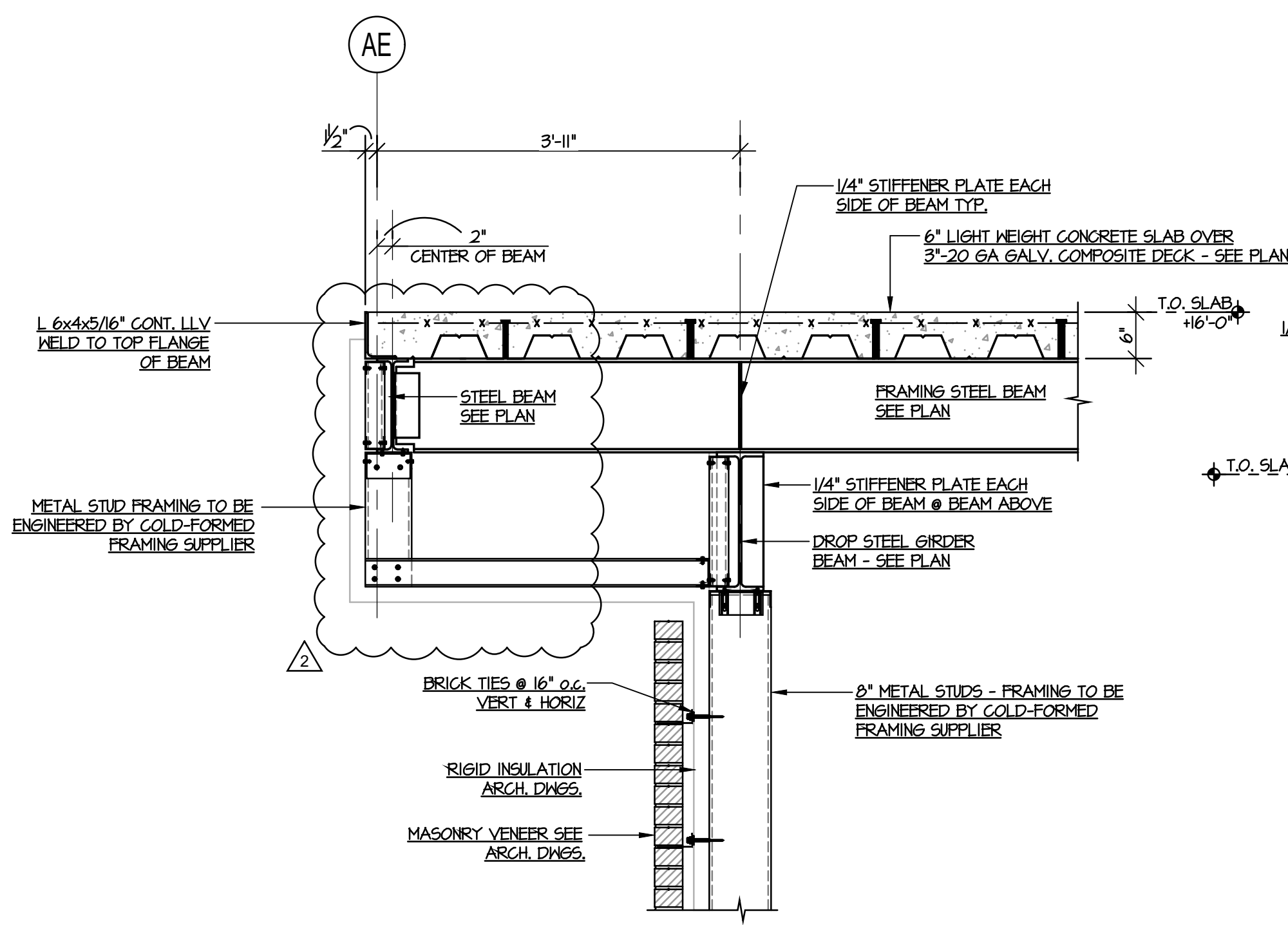
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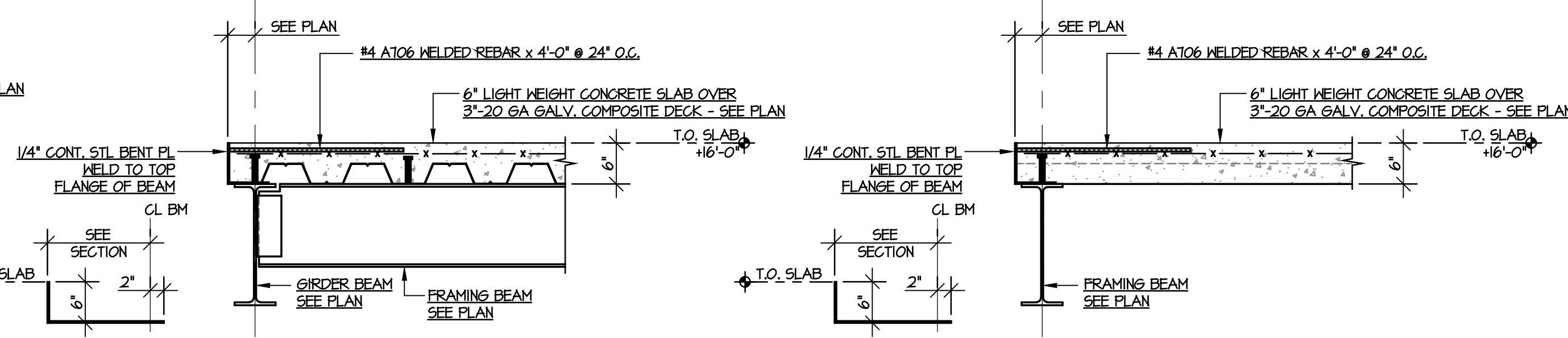
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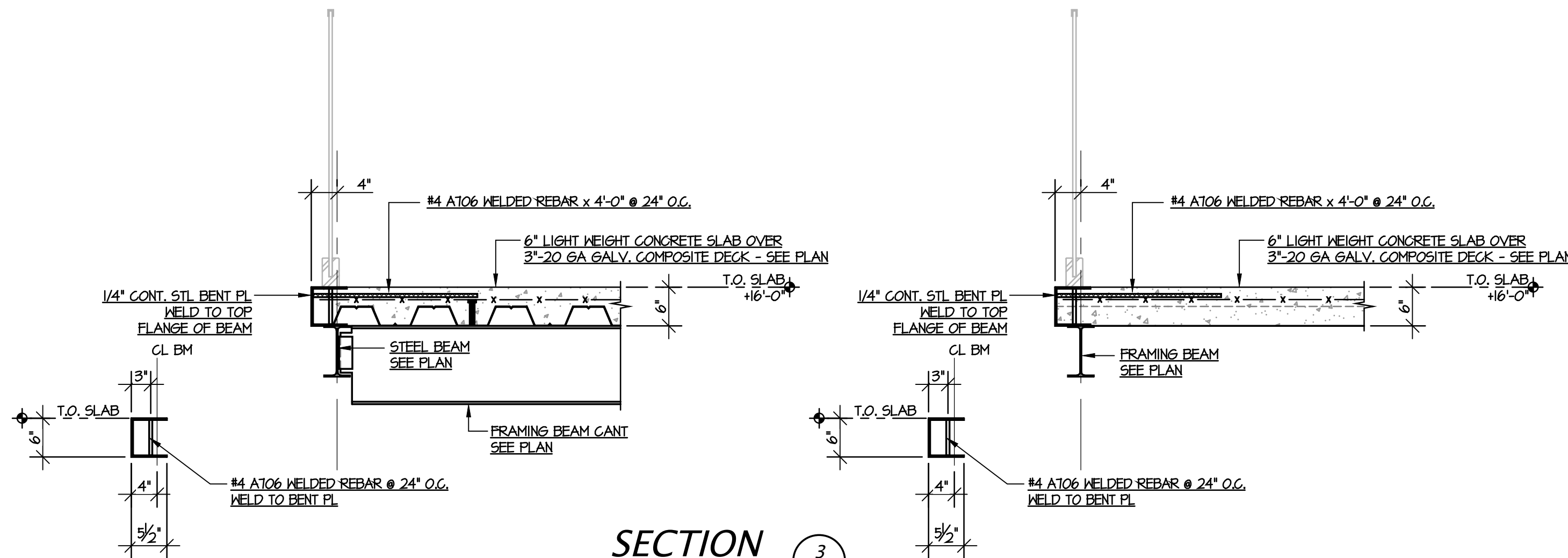
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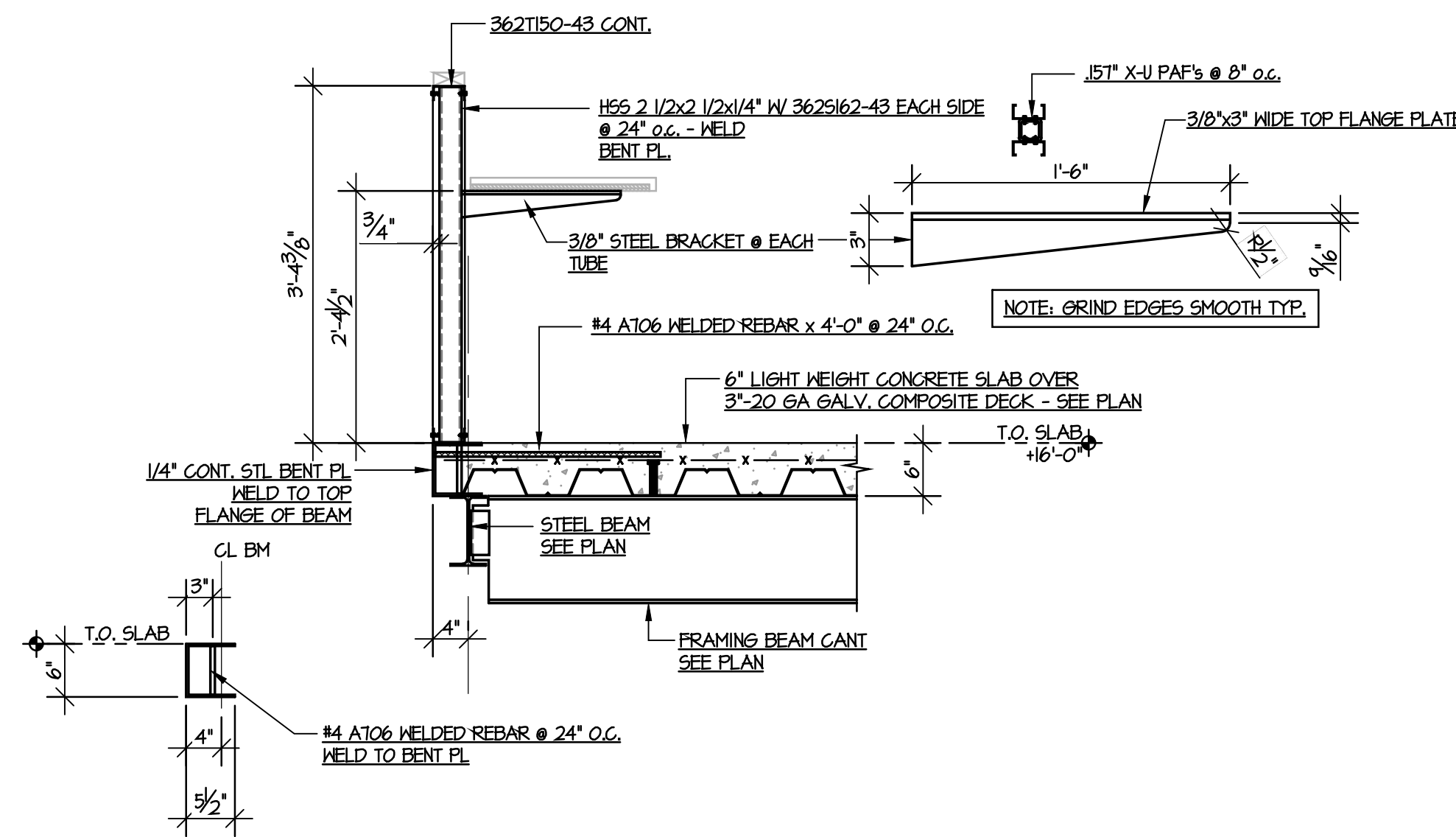
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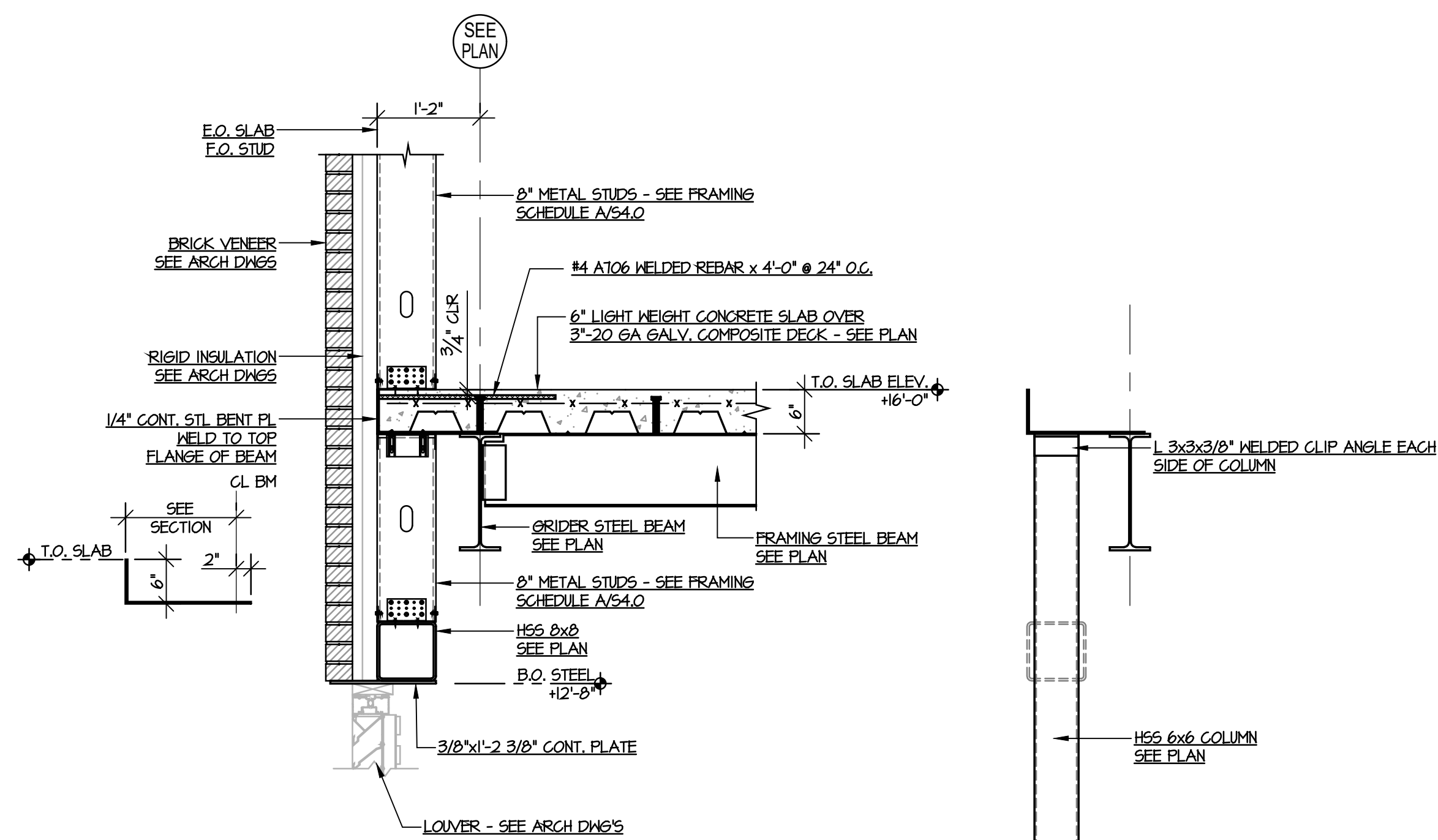
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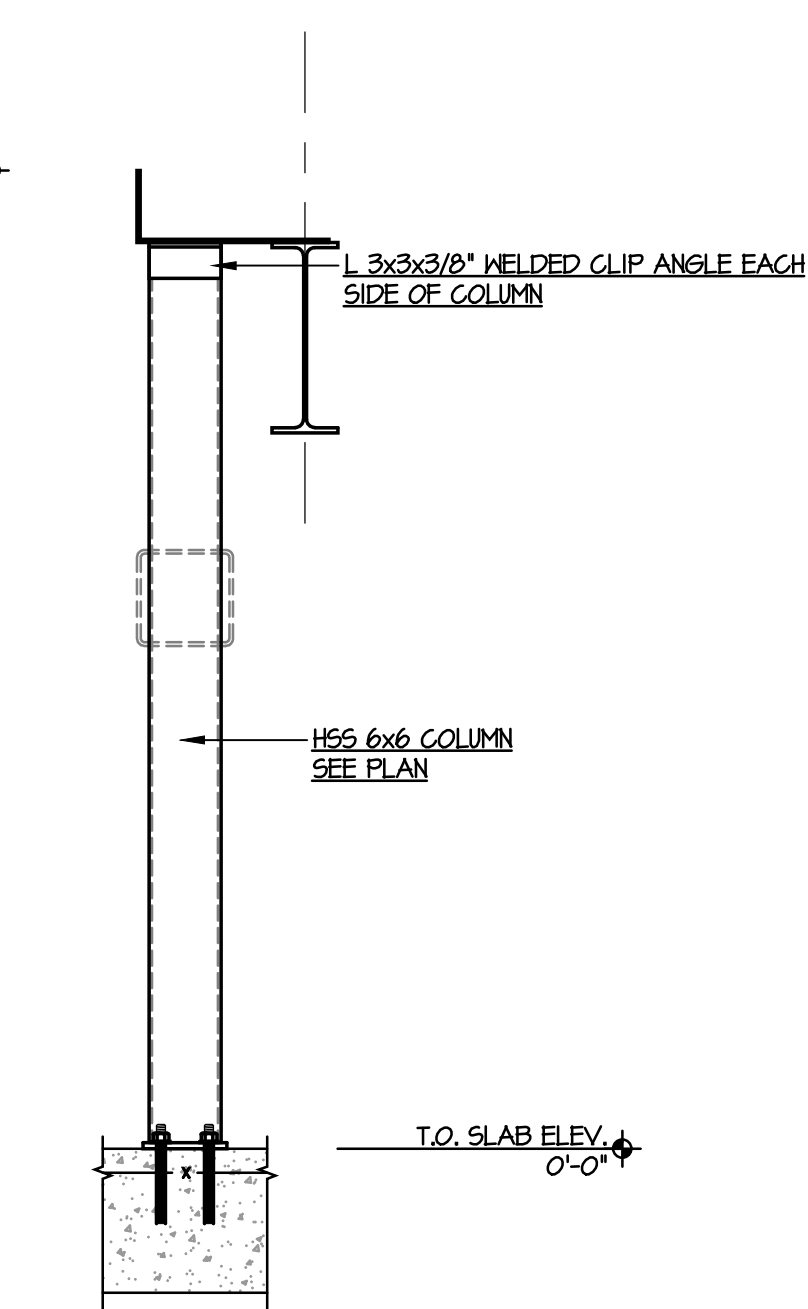
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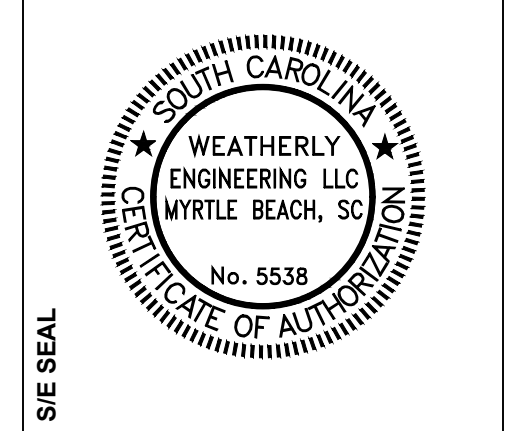
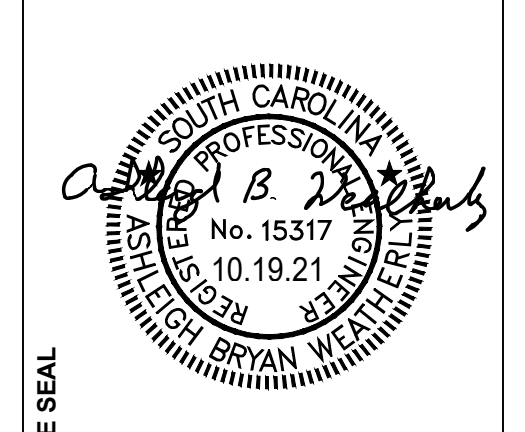
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SECTION 5
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SECTION 6
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COASTAL CAROLINA UNIVERSITY
LIBRARY LEARNING COMPLEX
STATE PROJECT NUMBER: HT-9615-MU
CONWAY, SC

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