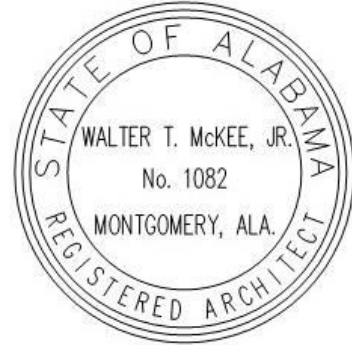


Addendum No. 1
Date: June 21, 2024



Project:

**NEW ADMINISTRATION BUILDING AT
RED BAY HIGH SCHOOL
FOR THE FRANKLIN COUNTY BOARD OF EDUCATION
RUSSELLVILLE, ALABAMA**

**MCKEE PROJECT NO. 23-251
ALABAMA DIVISION OF CONSTRUCTION MANAGEMENT NO. 2024019**

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on the Proposal Form.

A1.1 GENERAL MODIFICATIONS:

- A. Refer to the **Table of Contents (Revised 06.21.2024)**, herein.

A1.2 SPECIFICATION MODIFICATIONS:

- A. Refer to **Section 12304 Laminate Clad Casework & Laminate Countertops (Revised 06.21.2024)**, herein.

A1.3 DRAWING MODIFICATIONS:

- A. Replace structural sheets **S0.1, S0.2, S1.1, S2.1** with revised structural sheets attached.
- B. Add sheet **A10.1** casework that was left out of original set.

A1.4 CLARIFICATIONS & RESPONSES:

- A. None

END OF ADDENDUM

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New Admin Building At Red Bay High School for the Franklin County Board of Education Russellville, Alabama

MCKEE PROJECT NO. **23.251**

BIDDING REQUIREMENTS

- Advertisement For Bids
- Instructions to Bidders (DCM Form C-2 August 2021)
- Request For Information (McKee Form)
- Prior Approval/Substitution Request Form (McKee Form)
- Proposal Form (DCM Form C-3 August 2021)
- Form Of Bid Bond (DCM Form C-4, August 2021)
- Special Instructions to Bidders (McKee Form April 2024)

CONTRACT FORMS

- Preparation and Approval of Construction Contracts and Bonds (DCM Form B-7 July 2022)
- Construction Contract (DCM Form C-5, December 2021)
- Performance Bond (DCM Form C-6, August 2021)
- Payment Bond (ABC Form C-7, August 2021)
- General Conditions of the Contract (DCM Form C-8, Revised October 2022)
- Instructions for Contractor's Insurance Company (Article 37 of DCM Form C-8, Revised October 2022)
- Supplement to General Conditions of the Contract (McKee Form April 2024)
- State of Alabama Disclosure Statement Form, Required by Article 3B of Title 41, Code of Alabama 1975(Revised 09/2013) with Information and Instructions regarding Relationships Between Contractor/Grantees and Public Officials/Employees.
- Alabama Department of Revenue – Sales and Use Tax Division – Application for Sales and Use Tax Certificate of Exemption (ST:EX-01 June 2021)
- State of Alabama E-Verify Memorandum of Understanding Instructions (Revised August 2021) *with* ABC Bulletin (May 29, 2012) *and* Revised Alabama Immigration Law Guidance for School Boards (Revised May 2012).

- Alabama Department of Finance, Real Property Management – Division of Construction Management – Permit Fee & Permit Re-Inspection Fee Calculation Worksheet (December 2021)

GENERAL CONDITIONS

- Pre-Construction Conference Checklist (DCM Form B-8 June 2023)
- Detail Of Project Sign (DCM Form C-15, Revised December 2021)
- Application and Certificate for Payment (DCM Form C-10, Revised July 2022)
- Schedule Of Values, (DCM Form C-10SOV, Revised October 2021) Attachment to DCM Form C-10
- Inventory Of Stored Materials, (DCM Form C-10SM, Revised October 2021) Attachment to DCM Form C-10
- Progress Schedule and Report (DCM Form C-11, August 2021)
- Change Order Checklist, (DCM Form B-12, August 2021) For Use with DCM Form C-12
- Contract Change Order (DCM Form C-12 (fully locally funded K-12 Schools), August 2021)
- Change Order Justification (DCM Form B-11, August 2021) Attachment to DCM Form C-12
- General Contractor’s Roofing Guarantee (DCM Form C-9, August 2021)
- Certificate of Substantial Completion (DCM Form C-13 & 13A, Revised November 2022)
- Form of Advertisement for Completion (DCM Form C-14, August 2021)
- Certification of Structural Observation (DCM Form B-14 Revised December 2021)
- Final Payment Checklist (DCM Form B-13, Revised October 2022)
- Contractor’s Affidavit of Payment of Debts and Claims (DCM Form C-18, August 2021)
- Contractor’s Affidavit of Release of Liens (DCM Form C-19, August 2021)
- Consent of Surety to Final Payment (DCM Form C-20, August 2021)
- Form of Advertisement for Completion (DCM Form C-14, August 2021)
- Certificate of Asbestos Free Building Materials (McKee Form)

TECHNICAL SPECIFICATIONS

DIVISION 01 GENERAL REQUIREMENTS

01010	Scope of Work
01011	Contingency Allowances
01250	Contract Modification Procedures
01290	Payment Procedures
01320	Construction Progress Documentation
01322	Photographic Documentation
01330	Submittal Requirements
01410	Schedule of Special Inspections (For Blackburn Daniels O’Barr Projects)
01500	Temporary Facilities and Controls

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April 2024
LOCAL FUNDED PROJECT

01600	Product Requirements
01700	Execution Requirements
01770	Closeout Procedures
01781	Project Record Documents
01782	Operation and Maintenance Data
01820	Demonstration and Training

DIVISION 02 SITE WORK

02070	Selective Demolition
02100	Site Preparation
02200	Earthwork
02282	Termite Control
02513	Asphaltic Concrete Paving
02514	Portland Cement and Concrete Paving
02660	Water Distribution System
02720	Storm Sewers
02730	Sanitary Sewers
02810	Sodding and Topsoil

DIVISION 03 CONCRETE

03310	Cast-In-Place Concrete
03950	Concrete Sealer

DIVISION 04 MASONRY

04200	Unit Masonry
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DIVISION 05 METAL

05272	Aluminum Handrails and Railings
05500	Miscellaneous Steel Fabrications

DIVISION 06 CARPENTRY

06100	Rough Carpentry
06192	Wood Trusses
06200	Finish Carpentry

DIVISION 07 MOISTURE PROTECTION

07115	Bituminous Damp-proofing
07200	Insulation

07310 Shingles (Architectural)
07600 Flashing and Sheet Metal
07900 Joint Sealers

DIVISION 08 DOORS, WINDOWS AND GLASS

08100 Steel Door Frames
08211 Wood Doors
08220 Fiberglass Reinforced Plastic (FRP) Doors
08410 Aluminum Storefronts
08520 Aluminum Windows
08700 Finish Hardware
08800 Glazing

DIVISION 09 FINISHES

09250 Gypsum Drywall
09301 Porcelain Tile
09510 Acoustical Ceilings
09650 Rubber Base
09651 Luxury Vinyl Tile (LVT)
09680 Carpet
09900 Painting

DIVISION 10 SPECIALTIES

10410 Identifying Devices
10440 Fire Extinguishers, Cabinets and Accessories
10800 Toilet Accessories

DIVISION 11 EQUIPMENT

Not Applicable

DIVISION 12 FURNISHINGS

12304 Laminate Clad Casework & Laminate Countertops

DIVISION 13 SPECIAL CONSTRUCTION

13670 Extruded Aluminum Walkway Cover

DIVISION 14 CONVEYING SYSTEM

Not Applicable

DIVISION 15	MECHANICAL
15010	General Mechanical Provisions
15400	Plumbing
15700	Heating, Ventilating and Air Conditioning

DIVISION 16	ELECTRICAL
16100	Electrical
16715	Telecom

END OF TABLE OF CONTENTS

SECTION 12304 - LAMINATE CLAD CASEWORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract including General and Supplementary Conditions and Division 1 Specification Sections apply to work of this section.

1.2 WORK INCLUDED

- A. The extent of laminate clad casework as shown on the drawings.
- B. The work includes the fabrication and installation of laminate clad casework components of base cabinets, wall cabinets, tall cabinets, shelf units, cubbies and related countertops and other units as indicated.

1.3 RELATED WORK SPECIFIED ELSEWHERE

- A. Sinks and Service Fixtures: Furnished and installed under Mechanical and Electrical Divisions 15 and 16.
- B. Base Molding: Furnished and installed under Finishes Division 9.

1.4 QUALITY ASSURANCE

- A. Provide laminate clad casework and countertops furnished by the same supplier for single responsibility and integration with other building trades.
- B. Manufacturers shall show evidence of at least five (5) years experience and installations for similar types of projects.
- C. Millwork must conform to design quality of materials, workmanship and function of casework specified and shown on drawings.

1.5 SUBMITTALS

- A. Product Data: In addition to the general conditions as relates to prior approvals, submittals of manufacturer's data, installation instructions and samples are required upon architect's request.
- B. Samples:
 - 1. Submit 2, 2" x 3" samples of casework manufacturer's standard decorative laminate colors, patterns and textures for exposed and semi-exposed materials for architect's selection.
 - 2. Samples will be reviewed by architect for color, texture, and pattern only. Compliance with other specified requirements is the exclusive responsibility of the contractor.
 - 3. Submit one full-size sample base cabinet unit with hardware, doors and drawers, without countertop.
 - 4. Submit one full-size sample wall cabinet unit complete with hardware, doors, and adjustable shelves.
 - 5. Acceptable sample units will be used for comparison inspections at the project. Unless otherwise directed, acceptable sample units may be incorporated in the work. Notify architect of their exact locations. If not incorporated in the work, retain acceptable sample units in the building until completion and acceptance of the work.
 - 6. Remove sample units from the premises when directed by the architect.
- C. Shop Drawings:
 - 1. Submit shop drawings for laminate clad casework and counter- tops showing layout, elevations, ends, cross-sections, service run spaces, and location of services. Show details and location of anchorages.

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2. Include layout of units with relation to surrounding walls, doors, windows, and other building components.
3. Coordinate shop drawings with other work involved.

1.6 PRODUCT HANDLING

- A. Deliver laminate clad casework and countertops only after wet operations in building are completed.
- B. Store completed laminate clad casework and countertops in a ventilated place, protected from the weather, with relative humidity range of 20% to 50%.
- C. Protect finished surfaces from soiling and damage during handling and installation. Keep covered with a protective covering.

1.7 JOB CONDITIONS

- A. Humidity and Temperature Controls:
 1. Advise contractor of requirements for maintaining heating, cooling and ventilation in installation areas as required to reach relative humidity necessary to maintain optimum moisture content.

1.8 WARRANTY

- A. All materials and workmanship covered by the section will carry a one (1) year warranty from date of acceptance.

PART 2 - PRODUCTS

2.1 MANUFACTURERES

- A. The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:
 1. Case Systems- Midland, MI. (Basis of Design)
 2. TMI Systems - Dickson, N.D.
 3. L.S.I.
 4. Stevens Industries - Teutropolis, IL.
 5. Cabinets by Design, LLC; 770.418.1200
 6. PR Bean Company, LLC; 812.254.3761
 7. Advanced Cabinet Systems (ACS); 765.677.8000
 8. Varner Woodworks, Montgomery, AL.

2.2 MATERIALS

- A. Definitions: Identification of casework parts by surface visibility.
 1. Unit Body Open Interiors: Any storage unit surface without solid door or drawer fronts and units with glass sliding or glass framed doors.
 2. Unit Body Closed Interiors: Any storage unit surface behind solid door or drawer fronts.
 3. Unit Body Exposed Side: Any storage unit exterior side surface is visible.
 4. Concealed Surfaces: Any surface not normally visible after installation.

2.3 CORE MATERIALS

- A. Particleboard: Minimum density 45 lb. western particleboard of fir or pine meeting or exceeding ANSI A 208 1-1979, 1-M-3 requirements. Thickness used are 1/4", 1/2", 3/4" and 1". (Thickness of particleboard excluding skins).

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- B. Hardboard: Prefinished hardboard in 1/4" thickness meeting or exceeding commercial standards CS-251.
- C. Plywood: Shall be 9-ply hardwood plywood.

2.4 DECORATIVE LAMINATES

- A. High pressure decorative laminate GP50 (.050), NEMA Test LD-3 - 1985.
- B. High pressure decorative laminate GP38 (.038), NEMA Test LD-3 - 1985.
- C. High pressure decorative laminate GP28 (.028), NEMA Test LD-3 - 1985. Laminate shall be counter balanced.
- D. High pressure decorative laminate PF42 (.042), NEMA Test LD-3 - 1985.
- E. High pressure decorative laminate PF30 (.030), NEMA Test LD-3 - 1985
- F. High Pressure cabinet liner CL20 (.020), NEMA Test LD-3 - 1985.
- G. Laminate shall be counter balanced.
- H. Melamine laminate tested to meet NEMA Test LD-3 - 1985. Laminate shall be counter balanced.
- I. High pressure backer BK20 (.020). Laminate shall be counter balanced.
- J. Laminate Color Selection(s):
 - 1. Colors for countertop grades GP50, GP38, PF42 and PF30 shall be selected from Wilsonart's standard solid and pattern offering. A maximum of five (5) colors per project.
 - 2. Colors for cabinet surfaces grade GP28 shall be selected from Wilsonart's standard solid and pattern offering. A maximum of one (1) color to be selected per unit face and five (5) colors per project.
 - 3. Melamine colors shall be light beige or dove grey. One color only per project.
 - 4. Colors: To be selected by architect after bid date / during submittal phase of project.

2.5 PLASTIC EDGING

- A. 1mm PVC hot melt glue applied.
- B. 3mm PVC hot melt glue applied.

2.6 METAL PARTS

- A. Countertop support brackets, legs and miscellaneous metal parts shall be furniture steel, welded, degreased, cleaned, treated and powder painted in light beige, sienna brown, dove grey or black colors.

2.7 CABINETS HARDWARE

- A. Hinges: Shall be five knuckle, 2-3/4 inch, overlay type, hospital tip, .095 inch thick steel. Hinges shall have a minimum of eight (8) edge and leaf fastenings. Doors 48 inches and over in height shall have three (3) hinges per door. Available in light beige, sienna brown, dove grey, black colors, or brushed chrome finish. Magnetic door catches are required with this hinge and shall be magnetic type with a minimum ten (10) pound pull, attached with screws and slotted for adjustment.
- B. Pulls: Door and drawer fronts shall be a semi-flush ABS plastic recessed and fastened with glue and screws. Available in light beige, sienna brown, dove grey or black colors.
- C. Drawer Slides: Shall be Blum bottom mount style No. BS 230E with epoxy finish. Slides will have a 100 pound load rating at full extension and a built-in, positive stop both directions. Slides shall have a life time warranty as offered by the slide manufacturer.
- D. Adjustable Shelf Supports: Shall be heavy-duty to support two hundred (200) pounds, self-locking nylon, to fit 32mm pre-drilled holes in cabinet ends and vertical partitions. The self

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supports shall have two (2) pins 5mm in diameter, to prevent the shelf support from rotating and tipping. Available for 3/4 inch or 1 inch thick shelves.

E. Locks:

1. Door and Drawer Locks: Shall be National Lock #M4-7054C, removable core, disc tumbler, cam style lock with strike. Each lock shall be furnished with two (2) keys.
2. Locks for sliding 3/4" doors shall be disc type plunger lock, sliding door type with strike locks for sliding glass doors shall be a ratchet type sliding showcase lock. Install locks on all teacher's cabinets.
3. Chain bolts shall be 3 inches long, shall have a 18 inch pull and an angle strike to secure inactive door on cabinets over 72 inches in height. Elbow catches shall be used on inactive doors up to and including 72 inches in height.

F. Coat Rods: Shall be 1-1/4 inch, 14 gauge chrome plated steel.

G. Mirrors: Shall be 1/4 inch thick polished mirror plate.

H. Computer Grommets: Shall be 2 1/2 inch dia. plastic insert and cover to be located at each computer station.

2.8 FABRICATION

A. Fabricate laminate clad casework to dimensions, profiles and details shown.

B. Cabinet Joinery: Tops and bottoms shall be joined to cabinet ends using a minimum of six (6) dowels at each joint for twenty- four (24) inch deep cabinets and a minimum of four (4) dowels at each joint for twelve (12) inch deep cabinets. All dowels are to be industrial grade hardwood laterally fluted, with chamfered ends and a minimum diameter of ten (10) millimeters. Internal cabinet components such as fixed horizontals, rails and verticals are to be doweled in place. Dowels are to be securely glued and cabinets clamped under pressure during assembly to assure secure joints and cabinets and squareness.

C. Unit Door and Drawer Fronts:

1. Shall be 3/4 inch thick particleboard and laminate with high pressure decorative laminate GP28 color as selected on the exposed surface and high pressure laminate cabinet liner CL20 on the interior surface light beige or dove grey color.
2. All edges shall be finished with 3mm PVC in light beige, sienna brown, dove grey or black color.
3. Framed glass insert doors shall be 1/4 inch thick plate glass trimmed with extruded PVC plastic in light beige, sienna brown, dove grey or black color only.
4. Double doors shall be used on all cabinets in excess of 24 inches in width.

D. Unit Body Open Interiors:

1. Exposed cabinet sides shall be 3/4 inch thick particleboard laminated on the exterior with high pressure decorative laminate GP28 in color as selected and balanced with high pressure cabinet liner CL20 in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
2. Unexposed cabinet sides shall be 3/4 inch thick particleboard laminated both sides with melamine in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
3. Unit top or subtop shall be 3/4 inch thick particleboard laminated both sides with melamine and front edge with 1mm PVC to match the door and drawer front edge color. All subtops shall be full depth.
4. Bottom of base and wardrobe units shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color.

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5. Fixed intermediates shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. An intermediate will be provided on all units over 36 inches wide.
6. Standard unit backs shall be 1/2 inch thick prefinished particleboard. Color to match interior. Exposed back on fixed or movable cabinet to be 3/4 inch thick particleboard laminated with CL20 on the interior to match melamine color and GP28 on the exterior as selected.
7. Adjustable shelves shall be 3/4 inch thick particleboard up to 30 inches wide and 1 inch thick particleboard over 30 inches wide, laminated both sides with melamine in light beige or dove grey color.
8. Shelves shall be edged front edge only with 1mm PVC to match the self color.

E. Unit Body Closed Interiors:

1. Exposed cabinet sides shall be 3/4 inch thick particleboard laminated on the exterior with high pressure decorative laminate GP28 in color as selected and balanced with high pressure cabinet liner CL20 in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
2. Unexposed cabinet sides shall be 3/4 inch thick particleboard laminated both sides with melamine in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
3. Unit top or subtop shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. All sub- tops shall be full depth. Sink base units shall have a 1 inch x 1 inch x 1/8 inch angle iron rail in lieu of full sub- top.
4. Bottom of base and wardrobe units shall be 3/4 inch thick particleboard laminated both sides with melamine and front edges with 1mm PVC to match the door and drawer front edge color. Sink cabinet bottoms shall be laminated both sides with CL20.
5. Fixed intermediates shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. An intermediate will be provided on all units over 36 inches wide.
6. Standard unit backs shall be 1/2 inch thick prefinished particleboard. Color to match interior. Exposed back on fixed or movable cabinet to be 3/4 inch thick particleboard laminated with CL20 on the interior to match melamine color and GP28 on the exterior as selected.
7. Adjustable shelves shall be 3/4 inch thick particleboard up to 30 inches wide and 1 inch thick particleboard over 30 inches wide, laminated both sides with melamine in light beige or dove grey color.
8. Shelves shall be edged front edge only with 1mm PVC to match the shelf color.

F. Wall Unit Bottom:

1. For units with open interiors shall be 3/4 inch thick particleboard laminated both sides with melamine laminate in light beige or dove grey color.
2. For units with closed interiors shall be 3/4 inch thick particleboard laminated both sides with melamine laminate in light beige or dove grey color.
3. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color. The exposed bottom edge of each wall cabinet side shall be edgebanded with 1mm PVC.

G. Drawers:

1. Sides, back and sub-front shall be particleboard, 1/2 inch thick, laminated with melamine in light beige or dove grey color. The back and sub-front are dowelled and glued into sides. Dowels shall be fluted, with chamfered ends and a minimum diameter of eight (8) millimeters. To edge is banded with 1mm PVC edging in a matching color.

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2. Drawer bottom shall be 1/2 inch thick prefinished particle- board with color to be light beige or dove grey, screwed directly to the bottom edges of the drawer box.
3. Paper storage drawers are of heavy-duty 3/4 inch particle- board laminated both sides with melamine color to be light beige or dove grey, and constructed with retaining hood at the rear of each drawer.

H. Continuous or Unit Tops:

1. All cabinets over 42" and up to 72" in height shall be supplied with a 3/4" plywood continuous top.
2. All cabinets over 42" and up to 72" in height shall be supplied, where indicated on drawings, with a finished 1" continuous top laminated with high pressure decorative laminate GP28 and balanced with high pressure backer BK20.

I. Bases:

1. Provide and install all base and tall units with finished integral base. Provide 3/4" thick marine grade plywood bases. All bases shall have finished facings unless rubber vinyl base covering is being furnished and applied by others.

2.9 DECORATIVE LAMINATE COUNTERTOPS

- A. General: Provide materials which have been selected for surface flatness and smoothness. Exposed surfaces which exhibit pitting, seam marks, roller marks, stains, discolorations, telegraphing of core material, or other imperfections on finished units are not acceptable.
- B. Adhesives or fasteners to be provided for securing of tops to cabinet work. Such materials to allow for contraction or expansion of tops where necessary.
- C. Tops shall be 1" thick unless otherwise specified and provided with 4" high curbs where tops abut walls, columns, case ends, etc.
- D. Backsplashes and Side-plashes shall be provided as indicated on drawings.
- E. Types:
 1. Plastic laminate counter tops shall be surfaced with general purpose horizontal grade laminate. Cores shall be 1-1/8" built- up wood front edge; #45 density particleboard. All exposed edges, including back and end splashes, must be covered with the same laminate as top surfaces. When splice joints are required, they shall be joined with dowel pins and tite-joint fasteners as needed for a gapless joint.
- F. Plastic Laminate Type: Fire-rated type, 0.050" thick; UL tested and labeled ratings of 25 for flame spread, 25 for fuel contributed and 100 for smoke developed when bonded to wood particle board.
- G. Preparations for Finishing: Comply with AWI Quality Standards, Section I500, for sanding, filling countersunk fasteners, backpriming and similar preparations for finishing of architectural woodwork, as applicable to each unit of work.

PART 3 - EXECUTION

3.1 INSPECTION

- A. The installer must examine the jobsite and the conditions under which the work under this section is to be performed, and notify the contractor in writing of unsatisfactory conditions. Do not proceed with work under this section until unsatisfactory conditions have been corrected in a manner acceptable to the installer.

3.2 PREPARATION

- A. Conditions laminate clad casework to average prevailing humidity conditions in installation areas prior to installing.

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3.3 INSTALLATION

- A. Install casework with factory-trained supervision authorized by manufacturer. Erect casework, plumb, level, true and straight with no distortions. Shim as required. Where laminate clad casework abuts other finished work, scribe and cut to accurate fit.
- B. Adjust casework and hardware so that doors and drawers operate smoothly without warp or bind.
- C. Lubricate operating hardware as recommended by Manufacturer.

3.4 CLEANING AND PROTECTION

- A. Repair or remove and replace defective work as directed upon completion of installation.
- B. Clean plastic surfaces, repair minor damage per plastic laminate manufacturer's recommendations. Replace other damaged parts or units.
- C. Advise contractors of procedures and precautions for protection of casework and tops from damage by other trades until acceptance of the work by the Owner.

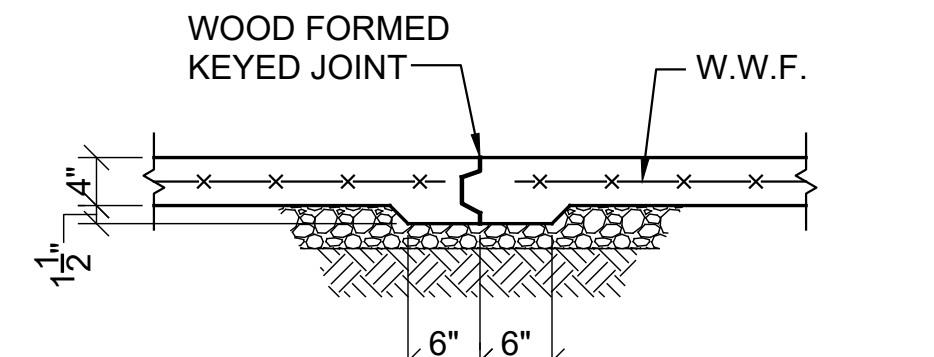
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LAMINATE CLAD CASEWORK
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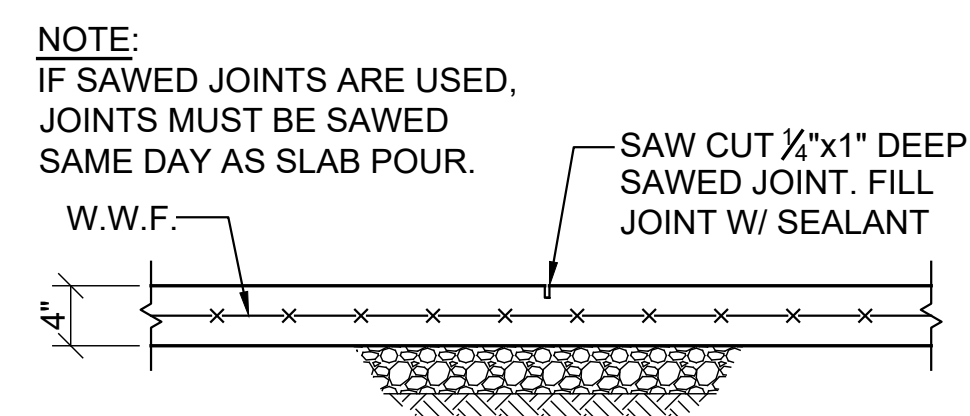
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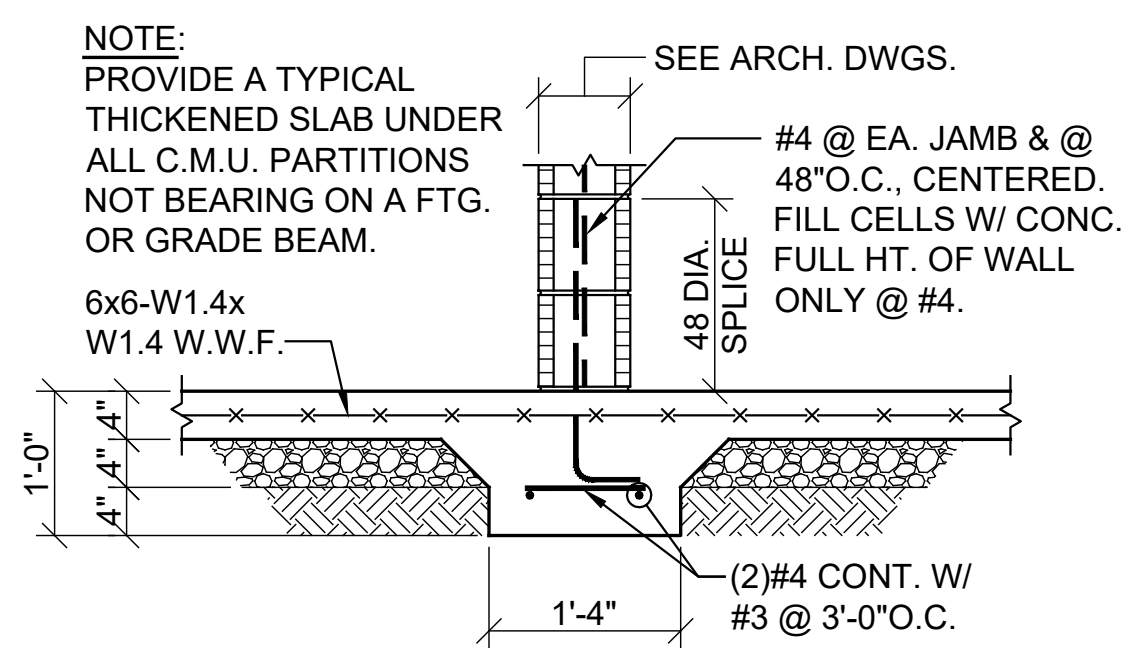
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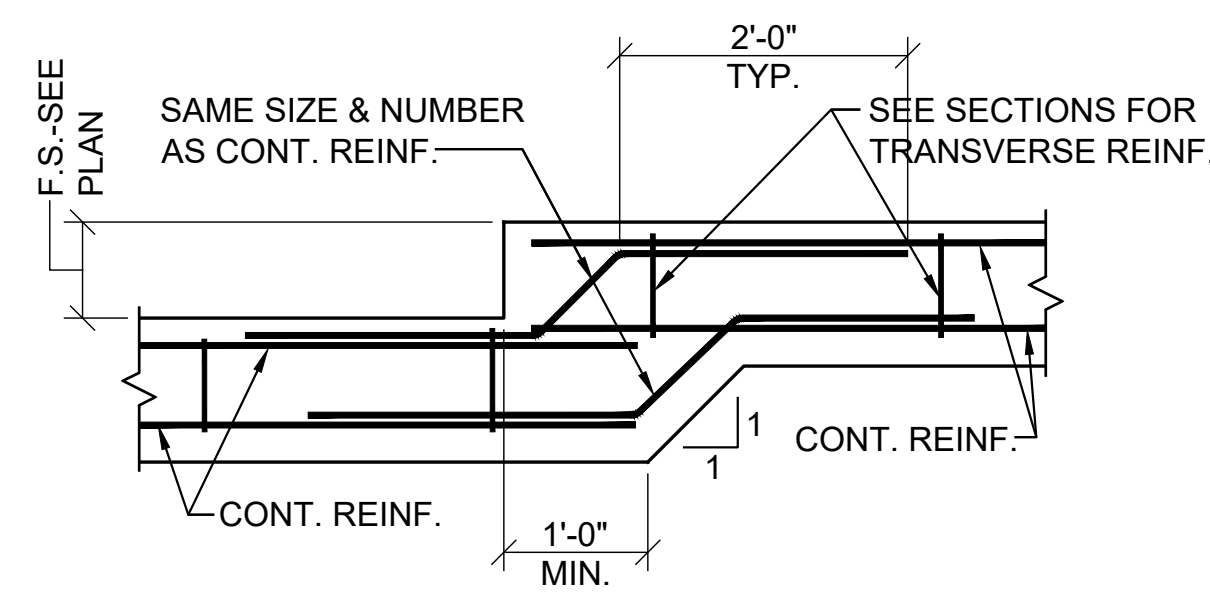
TYPICAL SLAB CONSTRUCTION JOINT DETAIL-(C.J.)



ALTERNATE SLAB CONSTRUCTION JOINT DETAIL (SAWED JOINT)



TYPICAL THICKENED SLAB DETAIL



TYPICAL FOOTING STEP DETAIL - (F.S.)

BEARING & BASE PLATE SCHEDULE			
MARK	BASE PLATE SIZE	PLATE TYPE	ANCHOR BOLT NO. & SIZE
BP-1	1/2"x7"x16"	A	(2)3/4"Øx14" HEADED
BP-2	3/4"x7"x16"	B	(2)3/4"Øx14" HEADED

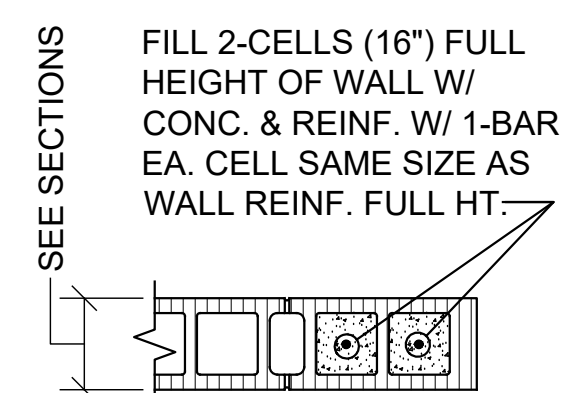
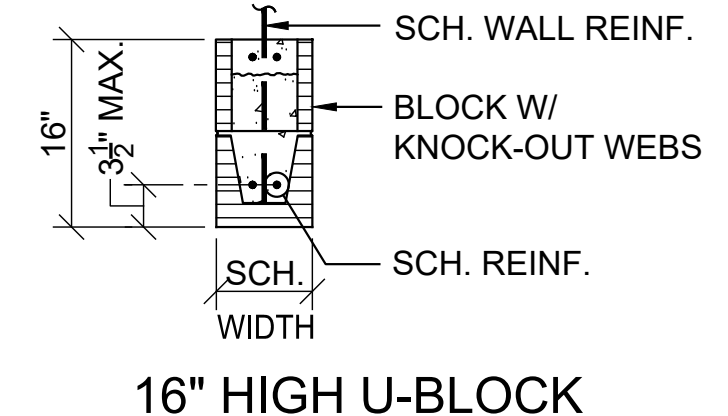
<p>TYPE A</p>	<p>TYPE B</p>
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BASE PLATE TYPES

NOTE:
ALL ANCHOR BOLTS SHALL BE GRADE 55KSI STEEL, HEADED ANCHOR BOLTS

LINTEL SCHEDULE					
MARK OR LOCATION	MAX. SPAN	TYPE	SIZE	REINFORCEMENT	REMARKS
8"C.M.U.	6'-4"	U-BLOCK	8"x16"	(2)#5 TOP & BOT.	16" HI U-BLOCK
8"C.M.U.	12'-8"	CONC. BEAM	7 5/8"x16"	(2)#5 TOP & BOT. W/ #3 @ 6"O.C.	
BRICK	6'-4"	STEEL ANGLE	6x4x3/8		BEAR 8" EA. END, L.L.V.

- NOTES:**
- BEAR 8" HIGH U-BLOCKS 8" EACH END & 16" HIGH U-BLOCKS 16" EACH END.
 - FILL CELLS W/ CONCRETE FULL HEIGHT @ U-BLOCK BEARING. FOR ENTIRE LENGTH OF BEARING. REINF. EA. CELL W/ BAR SAME SIZE AS WALL REINFORCING FULL HT. OF WALL. VERTICAL REINFORCING SHALL BE CONT. THRU LINTEL @ BEARING.
 - FILL CELLS OF U-BLOCK LINTEL TO FULL HT. IN ONE POUR.
 - PROVIDE 8"U-BLOCK W/ #5 TOP & BOTTOM AT ALL WINDOW SILLS.
 - EXTEND ALL U-BLOCK HORIZONTAL REINFORCING 25" MINIMUM PAST OPENING EDGES.



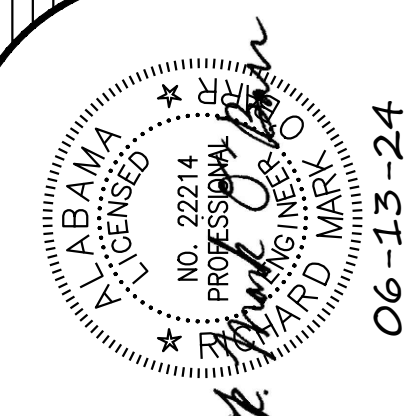
TYPICAL JAMB AT 16" HIGH CMU LINTELS BEARING 16" AND INTERIOR CONCRETE BEAM LINTEL

GENERAL NOTES

- FOUNDATION:**
- THE BEARING STRATA OF ALL FOOTINGS AND GRADE BEAMS SHALL BE INSPECTED AND APPROVED BY THE SOILS TESTING LABORATORY PRIOR TO PLACING THE REINFORCING STEEL AND CONCRETE.
 - ALL FOOTINGS SHALL BEAR ON AN UNDISTURBED SOIL STRATA OR COMPACTED FILL CAPABLE OF SUSTAINING THE LOADS.
 - FOOTINGS WERE DESIGNED FOR AN ASSUMED ALLOWABLE SOIL BEARING OF P = 2000 PSF. ALLOWABLE SOIL BEARING SHALL BE VERIFIED BY TESTING AGENCY PRIOR TO FOOTINGS BEING POURED.
 - ELEVATIONS SHOWN ON PLAN ARE TOP OF FOOTINGS AND ARE MINIMUM DEPTH. DIFFERENT OR UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND/OR ENGINEER.
 - ALL FOOTING REINFORCEMENT SHALL BE HELD SECURELY FROM THE GROUND. CONCRETE BLOCK AND BROKEN TILE SHALL NOT BE USED. CONCRETE OR CLAY BRICK MAY BE USED.
 - DOWEL ALL FOOTINGS AND WALLS WHERE THEY ABUT WITH SAME STEEL AS VERTICAL.
 - PROVIDE PREFORMED EXPANSION JOINT WHERE SHOWN.
 - IN FOOTINGS PROVIDE CORNER BARS AT ALL EXTERIOR BUILDING CORNERS.
- CONCRETE:**
- ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF F_c = 3000 PSI AND A MAXIMUM WATER-CEMENT RATIO OF 0.53. ALL CONCRETE FOR EXTERIOR APPLICATIONS SHALL CONTAIN ENTRAINED AIR. SEE SPECS FOR ADDITIONAL INFORMATION.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 OR ASTM A1064.
 - UNLESS NOTED OTHERWISE PROTECTIVE COVERING OF REINFORCEMENT SHALL BE AS FOLLOWS (SEE DETAILS); FOOTINGS AND GRADE BEAMS 3" CLEAR BOTTOM AND SIDES, 1 1/2" CLEAR TOP. CONCRETE SLABS 3/4" CLEAR. WALLS 1 1/2" CLEAR SIDES. BEAMS 1 1/2" CLEAR TO STIRRUPS. FORMED CONCRETE COLUMNS 1 1/2" CLEAR TO TIES.
 - LAP ALL CONCRETE WALL VERTICAL REINFORCING AND CONCRETE BEAM HORIZONTAL REINFORCING WITH CLASS B LAP SPLICES. LAP ALL OTHER CONTINUOUS BARS WITH CLASS A SPLICES UNLESS NOTED OTHERWISE.
 - PLACING PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST "A.C.I. DETAILING MANUAL".
 - STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
- STRUCTURAL STEEL:**
- ALL STRUCTURAL STEEL W AND WT SHAPES SHALL CONFORM TO ASTM A992 (GRADE 50). OTHER SHAPES SHALL CONFORM TO ASTM, A36, LATEST EDITION (EXCEPT TUBE SECTIONS).
 - STRUCTURAL STEEL TUBE SECTIONS SHALL CONFORM TO ASTM A500, GRADE B, F_y = 48.0 KSI.
 - THE CONTRACTOR SHALL VERIFY ALL SHOP DRAWINGS DIMENSIONS WITH STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS.
 - BOLTED CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS CONFORMING TO ASTM A325. USE 3/4 INCH DIAMETER MINIMUM.
 - CONNECTIONS NOT SHOWN ON DRAWINGS SHALL BE DESIGNED BY THE FABRICATOR. WHERE POSSIBLE USE DOUBLE ANGLE CONNECTIONS. USE MAXIMUM NUMBER OF BOLTS FOR DEPTH OF BEAM WITH SINGLE ROW OF BOLTS.
- WOOD FRAMING:**
- ALL WOOD FRAMING MEMBERS SHALL BE STRESS RATED AND GRADE MARKED.
 - FRAMING MEMBERS SHALL BE NO.2, KILN DRIED, SOUTHERN YELLOW PINE OR APPROVED EQUAL.
 - PROVIDE PREFABRICATED WOOD TRUSSES WHERE INDICATED ON PLAN.
 - ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED TO MEET THE FOLLOWING WORKING LOADS AND CODES.
MINIMUM LOADS:
ROOF LIVE LOAD.....20 PSF.
ROOF DEAD LOAD.....15 PSF.
CEILING LOAD.....10 PSF.
 - CONNECTORS SHALL MEET THE SPECIFICATIONS OF THE TRUSS PLATE INSTITUTE AND SHALL BE SANFORD, GANG-NAIL, TEMPLIN OR EQUAL.
 - MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS FOR EACH TYPE TRUSS. DESIGNS SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF ALABAMA. SIZES OF MEMBERS MAY BE CHANGED AS ALLOWED OR REQUIRED BY THE GRADE OF LUMBER USED EXCEPT THAT ALL TOP CHORDS AND BOTTOM CHORDS SHALL BE 2X6 MINIMUM.
 - PROVIDE CAMBER IN ALL TRUSSES.
 - PROVIDE VERTICAL WEB MEMBERS TO ACCOMMODATE TRUSS VERTICAL X-BRACING (SEE PLAN FOR LOCATIONS).
 - IN ADDITION TO THE "X" BRACING SHOWN ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL PROVIDE ALL BRACING REQUIRED BY THE TRUSS MANUFACTURER. THE DESIGN OF BRACING FOR INDIVIDUAL TRUSS MEMBERS INCLUDING CONTINUOUS BRACING SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGN ENGINEER AND HE SHALL SHOW THE SIZES OF THIS BRACING ON THE SHOP DRAWINGS INCLUDING ALL END ANCHORAGE DETAILS FOR CONTINUOUS BRACING.
 - ANCHOR ALL TRUSSES, JOISTS, AND RAFTERS TO SUPPORTS WITH GALVANIZED FRAMING ANCHORS.
 - HURRICANE ANCHORS SHOWN ON DRAWINGS ARE MINIMUM REQUIRED. PROVIDE ADDITIONAL ANCHORS AND/OR DIFFERENT TYPES OF ANCHORS AS REQUIRED TO RESIST NET UPLIFT IN ACCORDANCE WITH TRUSS MANUFACTURER'S RECOMMENDATIONS. TRUSS MANUFACTURER SHALL INDICATE REQUIRED ANCHORAGE ON SHOP DRAWINGS.
 - ALL NAILS, ANCHOR BOLTS, AND OTHER STEEL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL. PROVIDE 15# FELT SEPARATOR (OR EQUIVALENT) AS REQUIRED BETWEEN ALL PRESSURE TREATED WOOD AND OTHER METAL FRAMING.
 - UNLESS NOTED OTHERWISE ATTACH PLYWOOD ROOF DECK WITH 16d NAILS @ 6" O.C. AT SUPPORTED EDGES AND @ 12" O.C. AT INTERMEDIATE SUPPORTS.

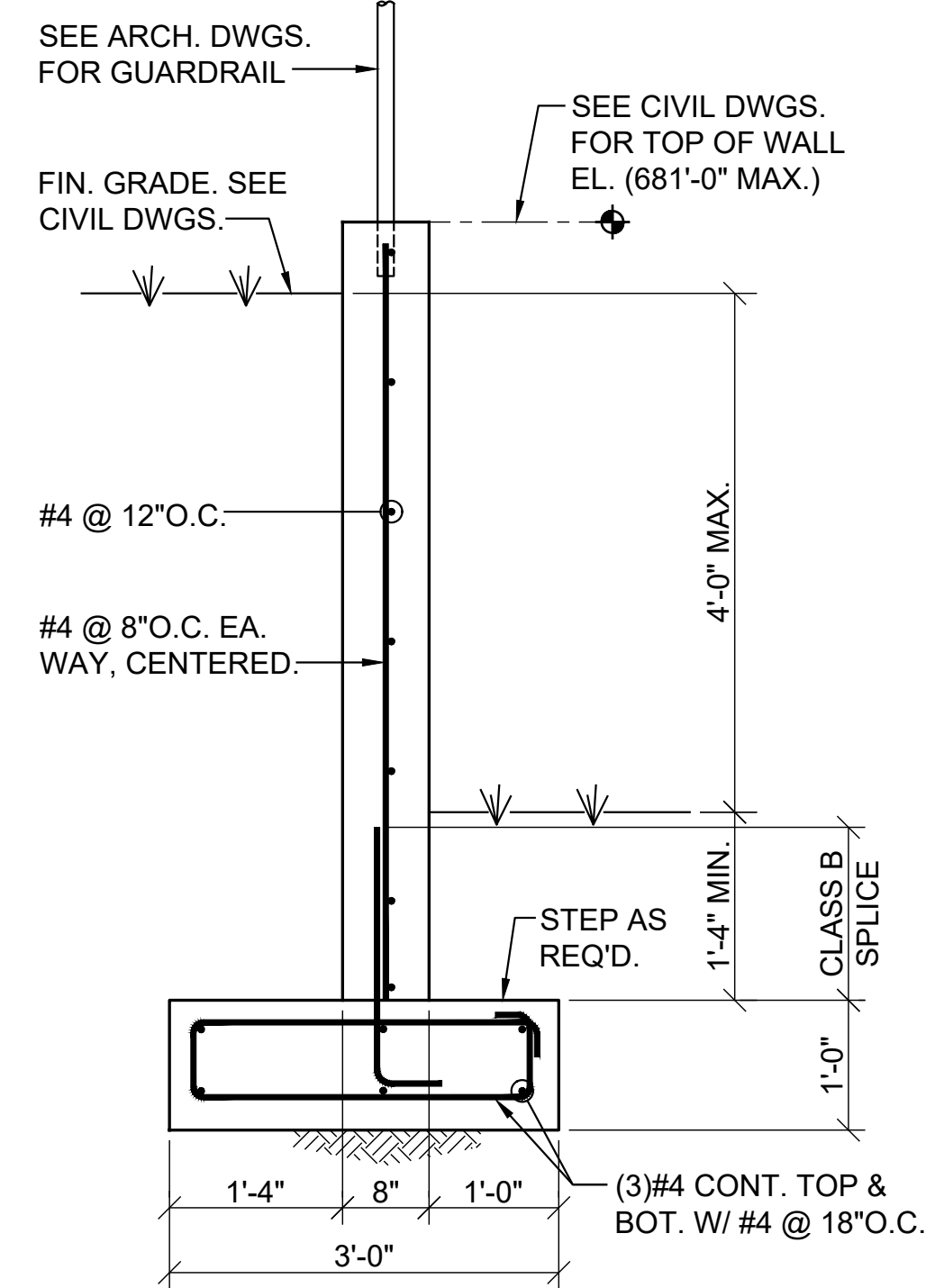
- MASONRY:**
- PROVIDE MASONRY HORIZONTAL JOINT REINFORCEMENT 16" O.C. VERTICAL IN ALL CONCRETE BLOCK WALLS. REINFORCEMENT SHALL BE FOR TOTAL WIDTH OF CAVITY WALLS.
 - WHERE CONCRETE OR STEEL BEAMS BEAR ON CONCRETE BLOCK WALLS, BLOCK CELLS SHALL BE FILLED WITH CONCRETE 1'-4" WIDE TO FOUNDATION AND REINFORCED WITH A #5 EACH CELL UNLESS NOTED OR DETAILED OTHERWISE.
 - CONCRETE OR GROUT FOR BLOCK FILL SHALL HAVE 3/8 INCH MAXIMUM SIZE COARSE AGGREGATE AND SUFFICIENT WATER SO THE CONCRETE WILL FLOW INTO THE BLOCK CELLS WITHOUT LEAVING VOIDS. HEIGHT OF LIFT WHEN FILLING CELLS SHALL NOT EXCEED 4'-8".
 - CONCRETE OR GROUT FILL FOR C.M.U. SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF F_c = 3000 PSI. ON 16" AND DEEPER U-BLOCKS, FILL CELLS FULL HEIGHT OF LINTEL AT SAME TIME.
 - ANCHOR ALL MASONRY WALLS TO STEEL COLUMNS WITH STRAP ANCHORS AT 16" O.C. VERTICALLY UNLESS SHOWN OTHERWISE.
 - UNLESS INDICATED OTHERWISE PROVIDE KEYED RUBBER MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 25'-4". JOINT SHALL BE DISCONTINUOUS AT BOND BEAM. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
 - PROVIDE REINFORCING BAR SUPPORTS TO CENTER VERTICAL REINFORCING IN MASONRY WALLS.
 - PROVIDE 48 DIAMETER LAP SPLICE IN VERTICAL MASONRY REINFORCING.
 - PROVIDE CORNER BARS IN U-BLOCK BOND BEAMS AT CORNERS, TYPICAL.
 - ALL CMU SHALL BE PLACED IN A RUNNING BOND PATTERN.
 - VERTICAL REINFORCING SHALL BE CONTINUOUS THROUGH BOND BEAMS AND LINTELS (CUT OUT OR NOTCH BOTTOM OF U-BLOCKS AS REQUIRED - DO NOT SUBSTITUTE BLOCK WITH KNOCK-OUT WEBS WHERE STANDARD U-BLOCK IS INDICATED). FOR BOND BEAMS AT TOP OF WALL, EXTEND VERTICAL REINFORCING TO 1" CLEAR TOP OF BOND BEAM.
 - DO NOT USE TYPE N MORTAR OR MASONRY CEMENT MORTAR.
- CODES:**
- ALL PARTS SHALL BE FURNISHED AND ERECTED ACCORDING TO THE APPLICABLE CODES AND SPECIFICATIONS OF THE FOLLOWING:
AMERICAN CONCRETE INSTITUTE (ACI)
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
AMERICAN WELDING SOCIETY (AWS)
OSHA STEEL ERECTION STANDARD (OSHA)
NATIONAL LUMBER MANUFACTURER'S ASSOCIATION (NLMA)
AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC)
INTERNATIONAL BUILDING CODE (IBC 2021) (ICC)
- DESIGN LIVE LOADS:**
ROOF.....20 PSF.
RISK CATEGORY (PER IBC 2021/ASCE 7-16).....II
WIND.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)
ULTIMATE DESIGN WIND SPEED (Vult).....105 MPH
NOMINAL DESIGN WIND SPEED (Vasd).....81 MPH
WIND EXPOSURE.....C
INTERNAL PRESSURE COEFFICIENTS.....+/-0.18
SEISMIC.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)
SEISMIC IMPORTANCE FACTOR.....Ie=1.0
MAPPED SPECTRAL ACCELERATION (SHORT-TERM), S_s=0.306g
MAPPED SPECTRAL ACCELERATION (1-SECOND), S₁=0.142g
SITE CLASS.....D
SHORT-PERIOD SPECTRAL RESPONSE ACCEL.....S_s=0.317g
1-SECOND SPECTRAL RESPONSE ACCEL.....S₁=0.220g
SEISMIC DESIGN CATEGORY.....D
SEISMIC FORCE-RESISTING SYSTEM:
SPECIAL REINFORCED CMU SHEAR WALLS
DESIGN BASE SHEAR (ULTIMATE).....13.4k
SEISMIC RESPONSE COEFFICIENT.....C_s=0.063
RESPONSE MODIFICATION FACTOR.....R=5.0
ANALYSIS PROCEDURE.....ASCE 7 (SECT 12.8)
- SNOW.....INTERNATIONAL BUILDING CODE**
GROUND SNOW LOAD.....P_g=10 PSF
- COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES:**
NOTE: MULTIPLY ALL VALUES SHOWN BELOW BY 0.6 TO GET ALLOWABLE DESIGN PRESSURES. SEE FIGURE 30.4-1 OF ASCE 7-16 FOR INDICATED ZONES.
- ROOF: TRIBUTARY AREA A = 10 SF
ZONE 1: -41.9 PSF/18.6 PSF
ZONE 2: -58.8 PSF/18.6 PSF
ZONE 2: -54.6 PSF/18.6 PSF
ZONE 3: -58.8 PSF/18.6 PSF
ROOF: TRIBUTARY AREA A = 100 SF
ZONE 1: -24.9 PSF/10.2 PSF
ZONE 2: -39.3 PSF/10.2 PSF
ZONE 2: -36.7 PSF/10.2 PSF
ZONE 3: -39.3 PSF/10.2 PSF
WALL: TRIBUTARY AREA A = 10 SF
ZONE 4: -27.1 PSF/24.9 PSF
ZONE 5: -33.5 PSF/24.9 PSF
WALL: TRIBUTARY AREA A = 50 SF
ZONE 4: -24.4 PSF/22.4 PSF
ZONE 5: -28.2 PSF/22.4 PSF
WALL: TRIBUTARY AREA A = 100 SF
ZONE 4: -23.3 PSF/21.3 PSF
ZONE 5: -25.9 PSF/21.3 PSF
CORNER ZONE = 5 FT
- SPECIAL INSPECTIONS:**
ALL SPECIAL INSPECTIONS REQUIRED BY CHAPTER 17 OF IBC SHALL BE PERFORMED BY A DESIGNATED TESTING AGENCY OR AGENCIES RESPONSIBLE FOR SPECIAL INSPECTIONS.
- SEISMIC REQUIREMENTS FOR SPECIAL INSPECTIONS:**
- THE FOLLOWING STRUCTURAL COMPONENTS ARE DESIGNATED AS SEISMIC SYSTEMS AND/OR PART OF THE SEISMIC-FORCE-RESISTING SYSTEM OF THE BUILDING AND ARE SUBJECT TO THE REQUIREMENTS OF SECTIONS 1705.13 OF IBC 2021 AND PROJECT SPECIFICATIONS:
ROOF DIAPHRAGM SYSTEM AND ATTACHMENT
CMU SHEAR WALLS (INCL. ANCHORAGE TO FOUNDATION)
THESE SPECIFIC COMPONENTS ARE IN ADDITION TO ALL GENERAL COMPONENTS LISTED IN SECTIONS 1705.12 AND 1705.13 OF IBC 2021 AND ARE SUBJECT TO ALL SPECIAL INSPECTIONS AND TESTING AS REQUIRED BY CHAPTER 17 OF IBC 2021, PROJECT SPECIFICATIONS, AND SCHEDULE OF SPECIAL INSPECTIONS. SPECIAL INSPECTION REPORTS SHALL BE SUBMITTED AS PER THE STATEMENT OF SPECIAL INSPECTIONS.
 - OTHER ARCHITECTURAL, MECHANICAL, OR ELECTRICAL COMPONENTS AND THEIR ANCHORAGES MAY ALSO BE DESIGNATED AS SEISMIC SYSTEMS. SEE OTHER DISCIPLINE'S DRAWINGS AND SPECIFICATIONS.

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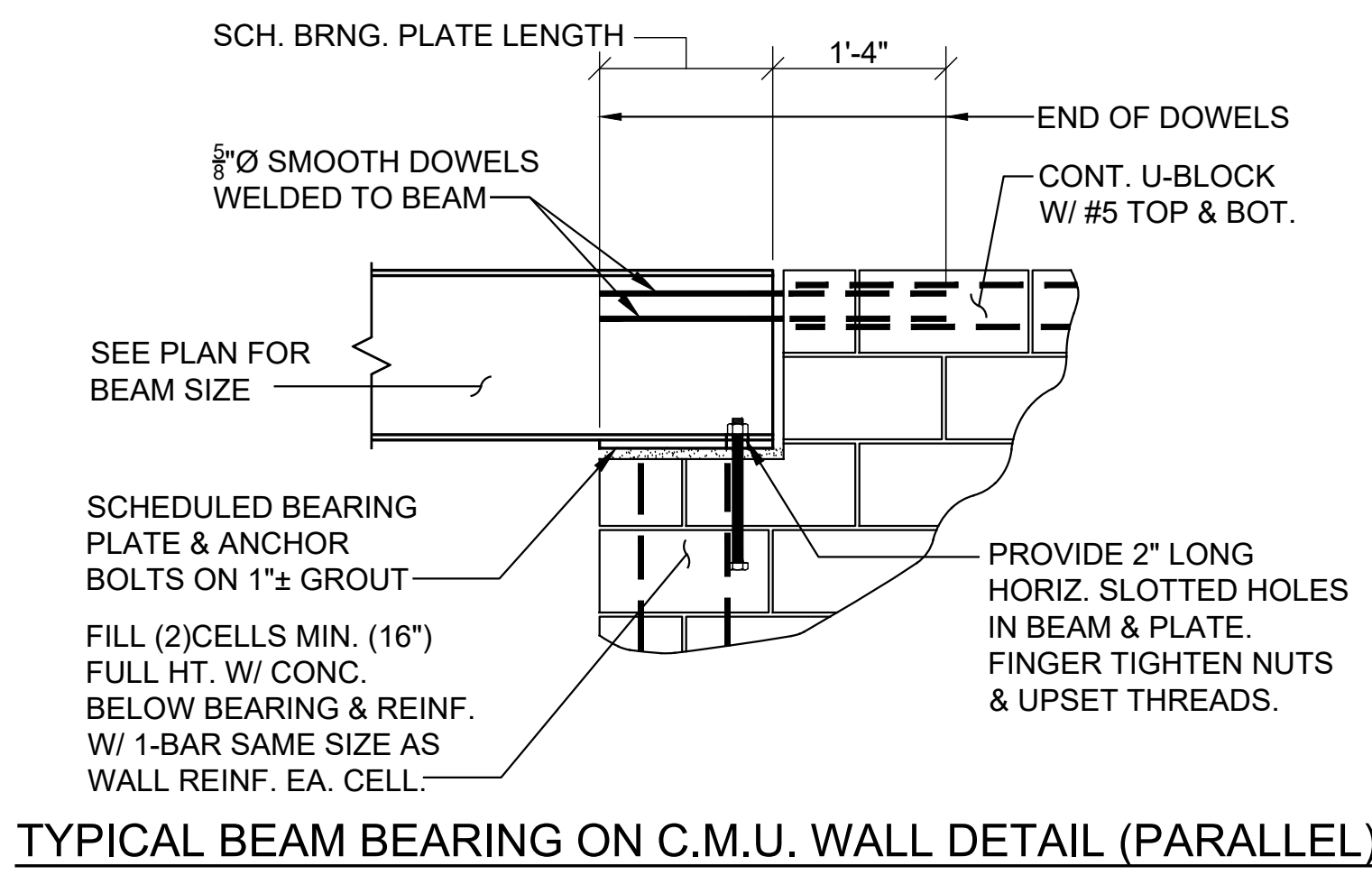


SHEET TITLE :	GENERAL NOTES SCHEDULES TYPICAL DETAILS
MCKEE JOB # :	23-251
DRAWN BY :	R. Casey
DATE:	05.18.2024
REVISED DATE:	06.13.2024
REVISED DATE:	

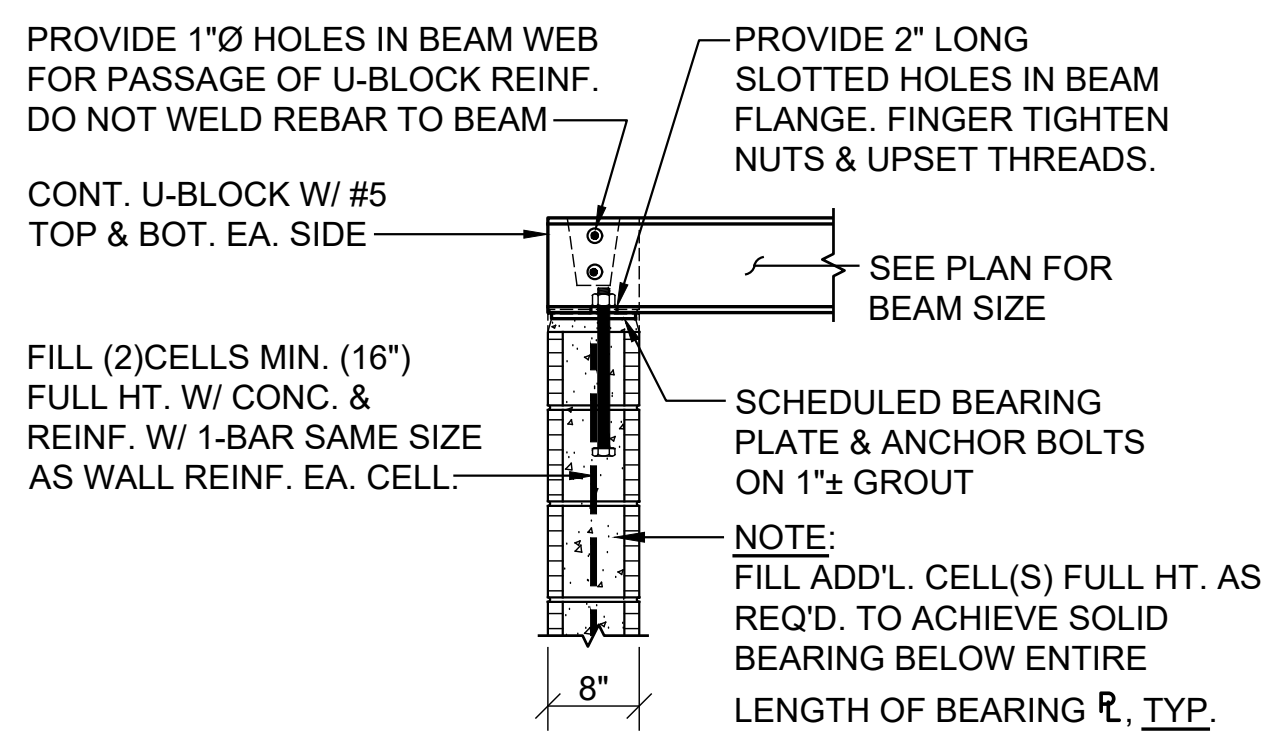
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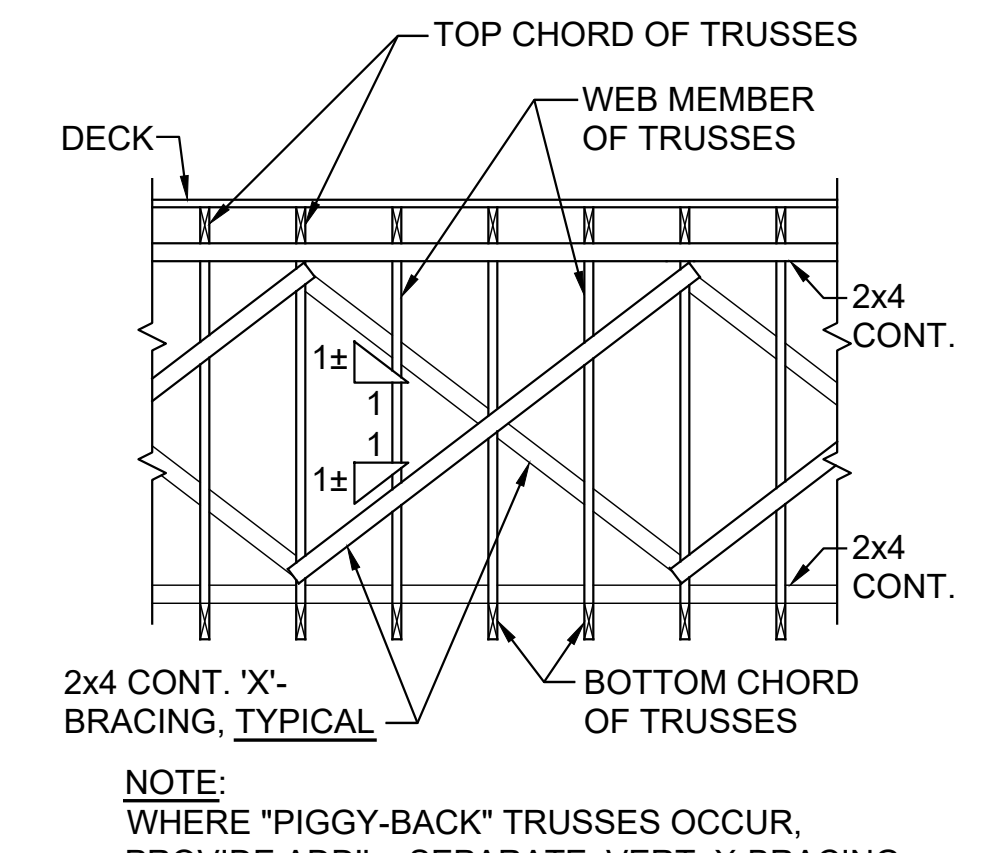
TYPICAL SITE RETAINING WALL
(SEE CIVIL DWGS. FOR LOCATIONS)



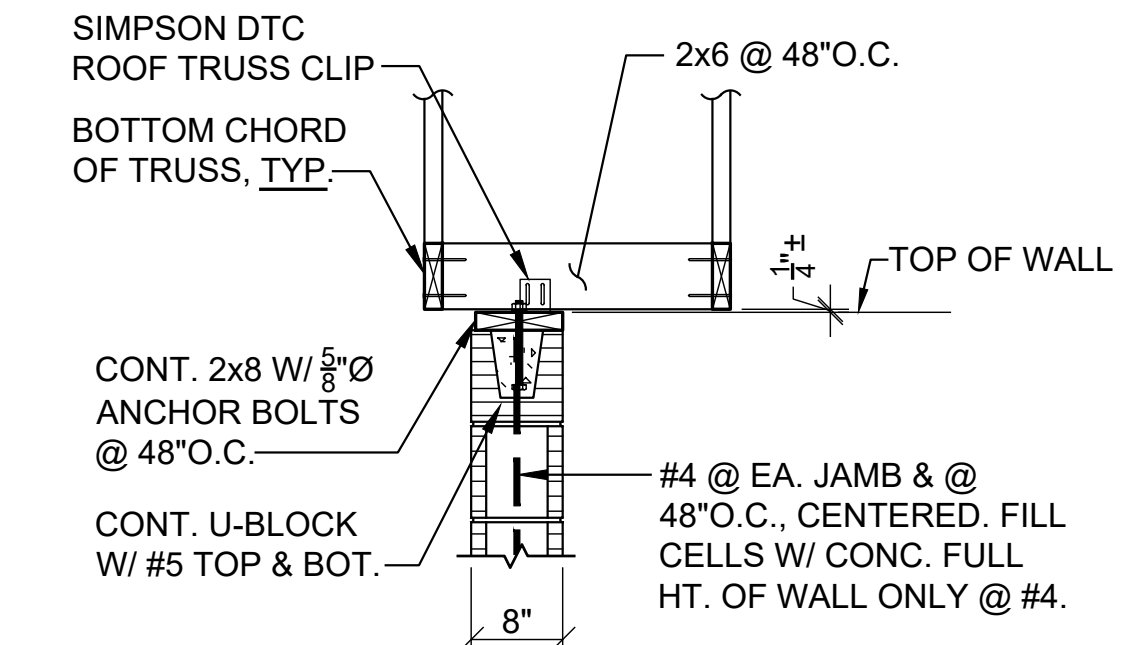
TYPICAL BEAM BEARING ON C.M.U. WALL DETAIL (PARALLEL)



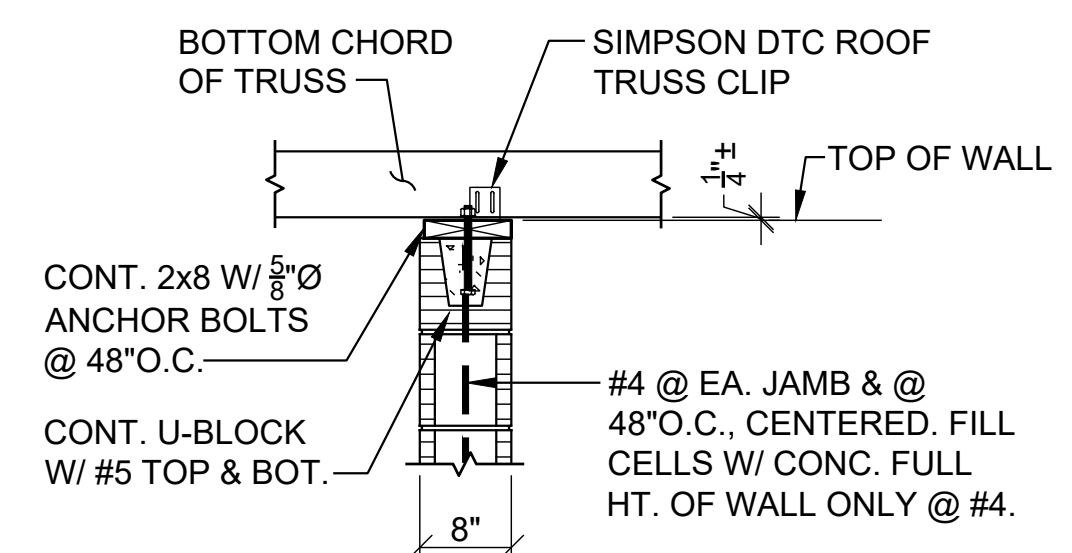
TYPICAL BEAM BEARING ON C.M.U. WALL DETAIL (PERPENDICULAR)



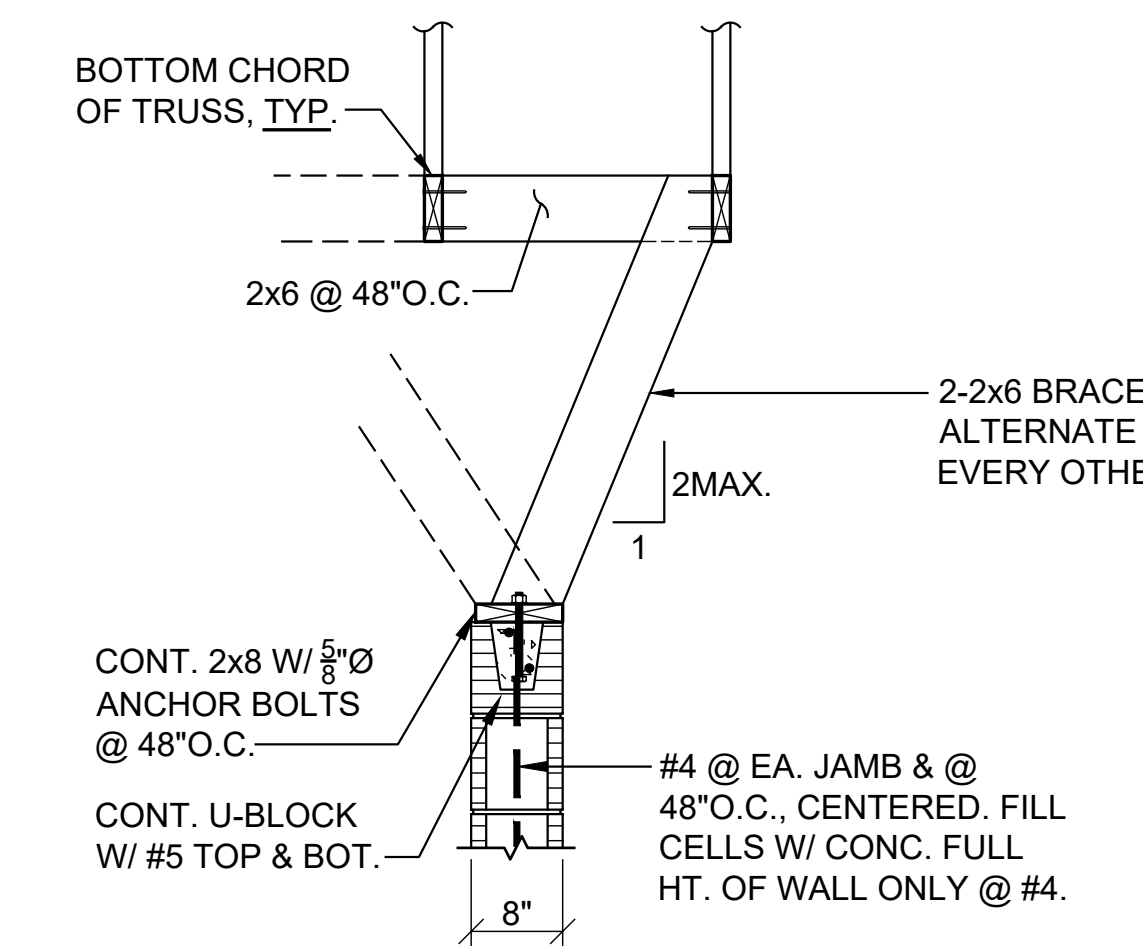
TYPICAL 'X'-BRACING DETAIL



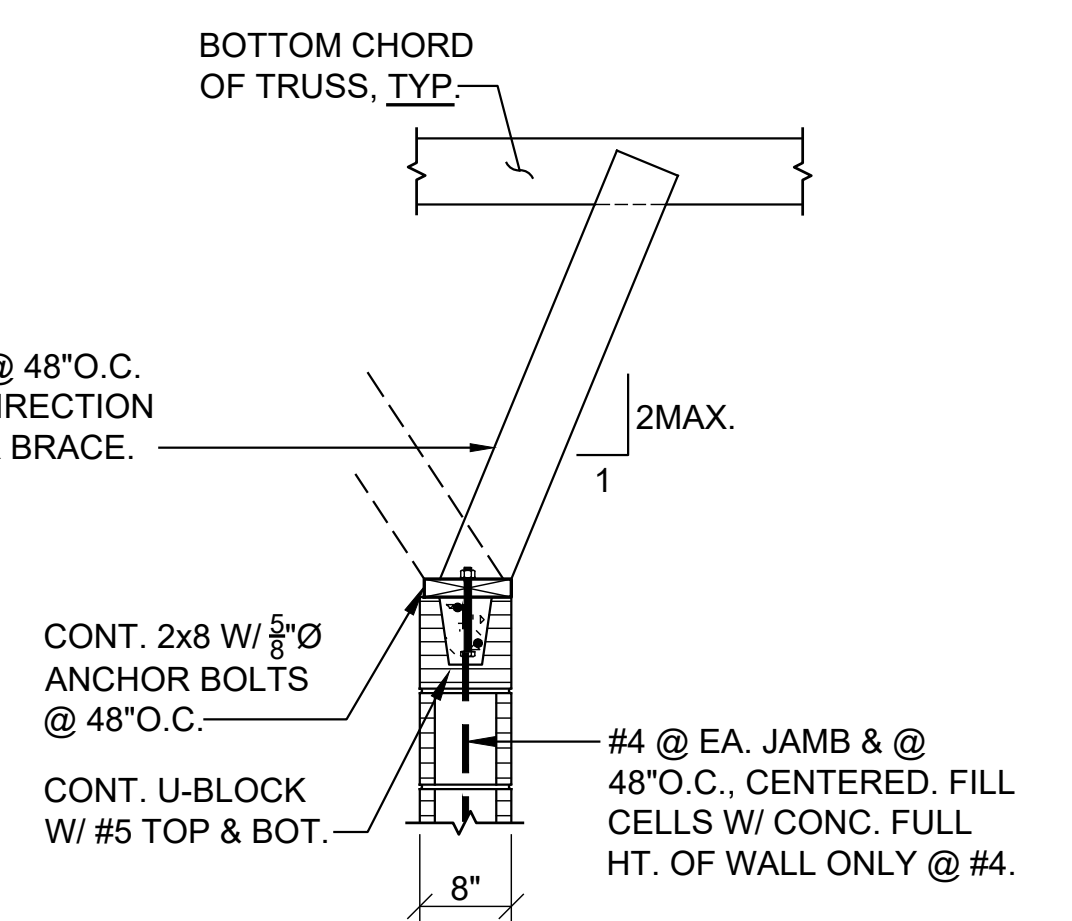
WALL PARALLEL TO TRUSSES



WALL PERPENDICULAR TO TRUSSES

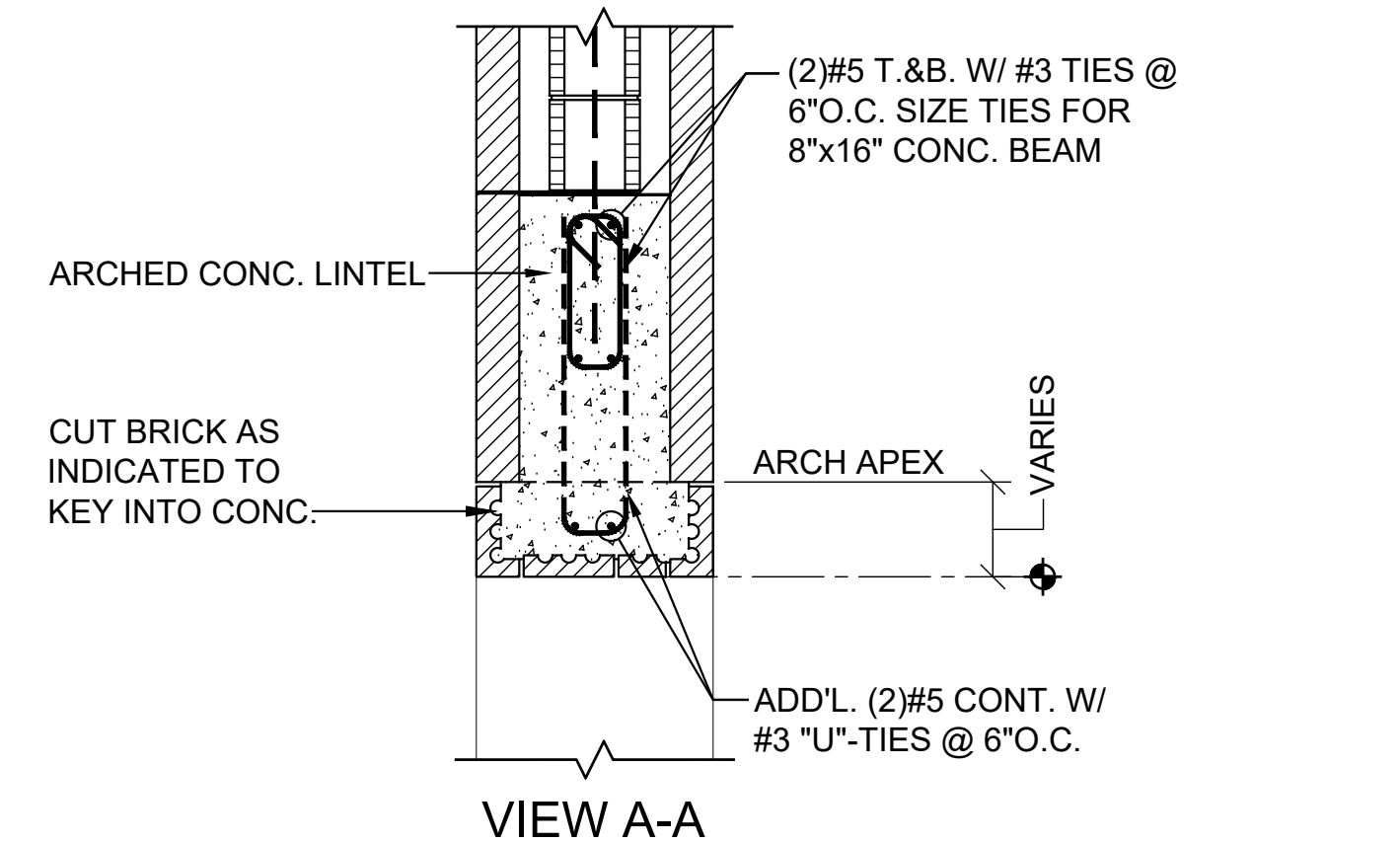


WALL PARALLEL TO TRUSSES

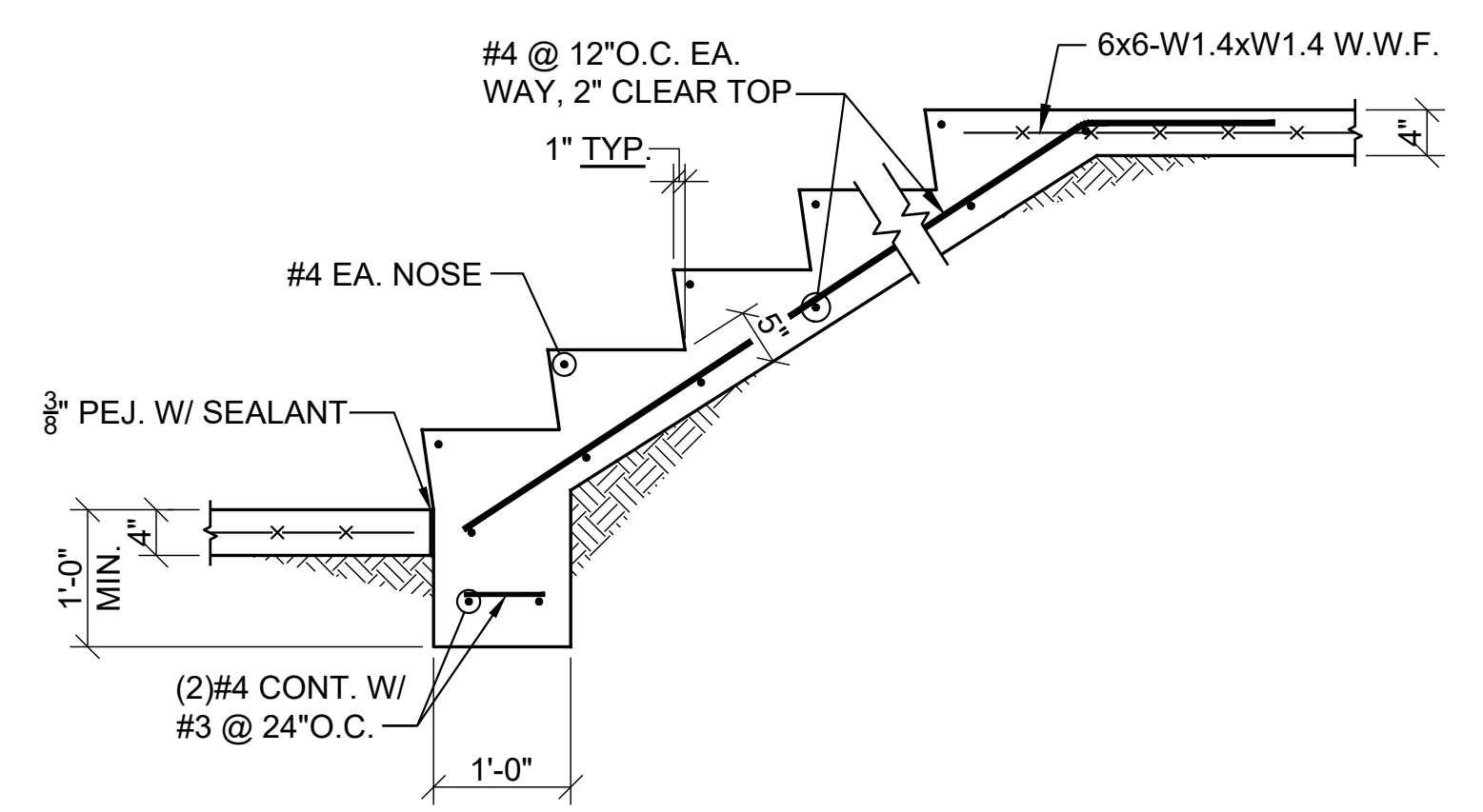


WALL PERPENDICULAR TO TRUSSES

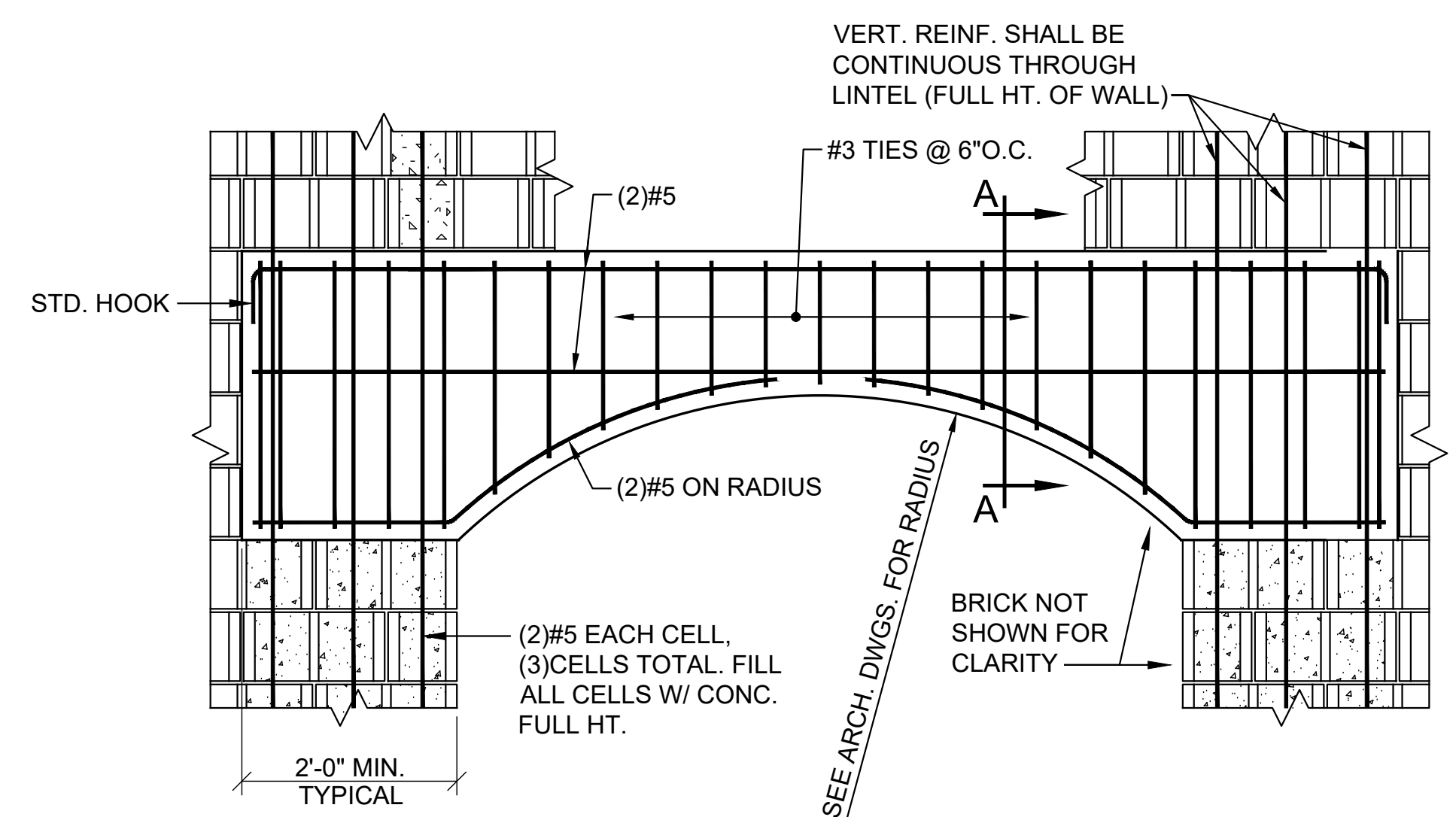
TYPICAL WALL ANCHORAGE DETAIL @ WOOD TRUSSES



VIEW A-A



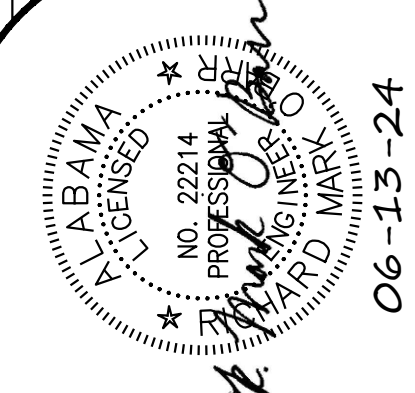
TYPICAL SLAB-ON-GRADE CONCRETE STEPS



TYPICAL ARCHED LINTEL DETAIL
(BRICK NOT SHOWN FOR CLARITY)

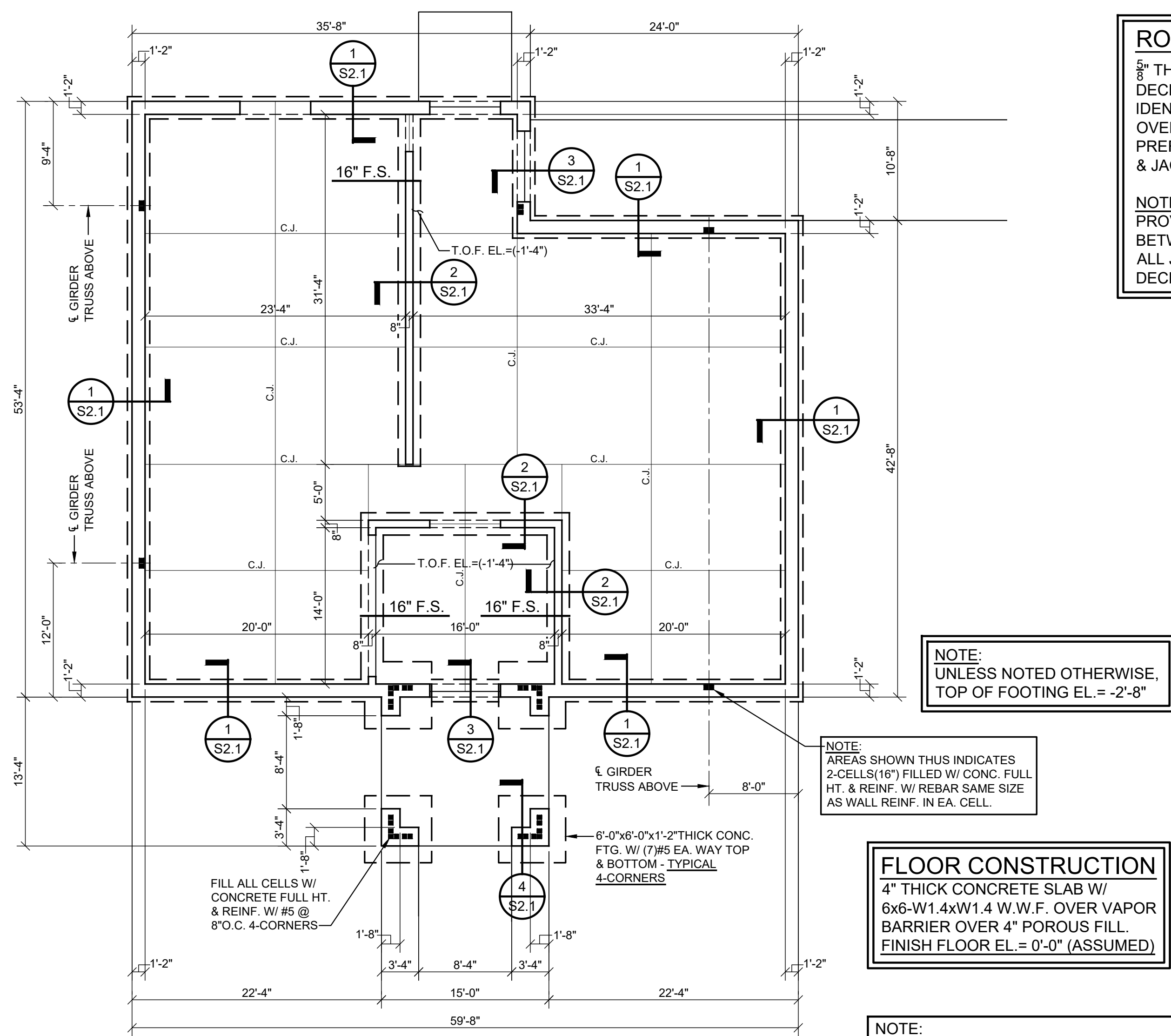
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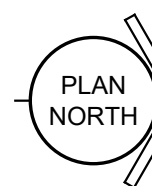
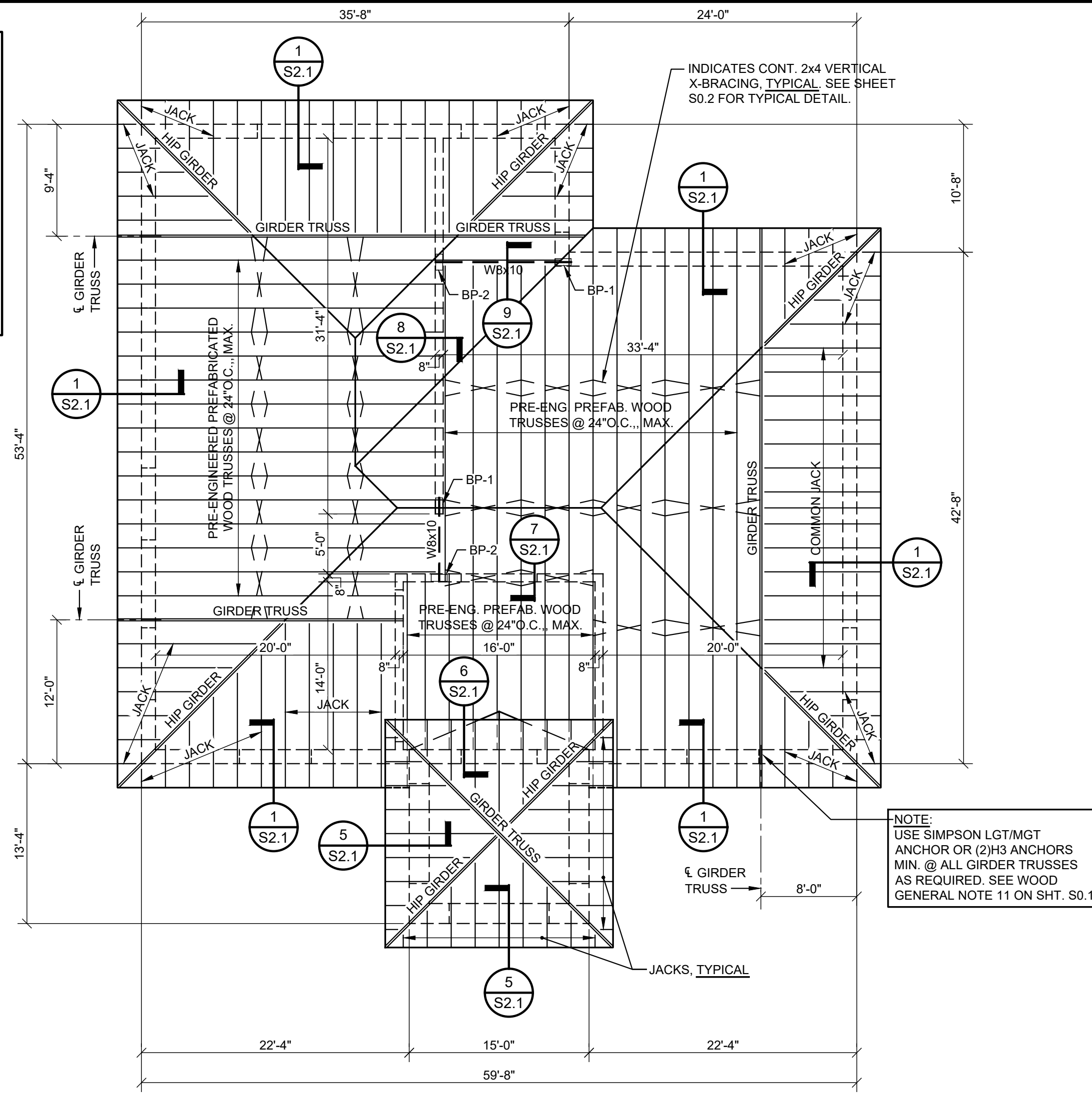
SHEET TITLE : TYPICAL DETAILS
 MCKEE JOB # : 23-251
 DRAWN BY : R. Casey
 DATE : 05.18.2024
 REVISED DATE : 06.13.2024
 REVISED DATE :
 REVISED DATE :

SHEET NO. : **S0.2**

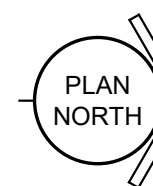


ROOF CONSTRUCTION
5/8" THICK APA RATED PLYWOOD
DECK, EXPOSURE 1, W/ PANEL
IDENTIFICATION INDEX OF 40/20
OVER PRE-ENGINEERED
PREFABRICATED WOOD TRUSSES
& JACKS @ 24" O.C., MAXIMUM.

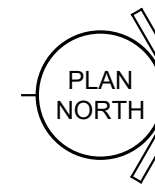
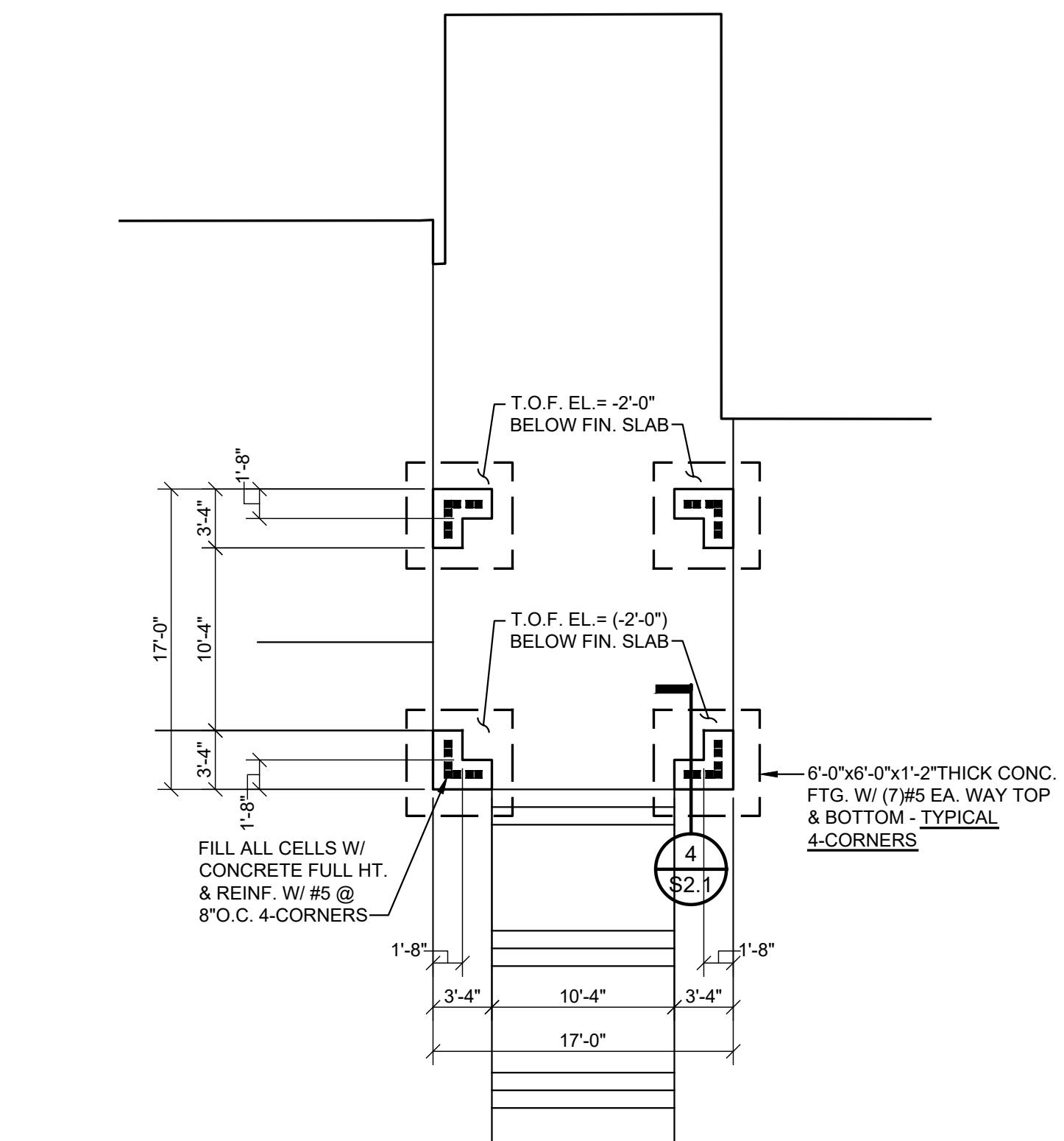
NOTE:
PROVIDE PLYCLIPS @ MID SPAN
BETWEEN TRUSSES & RAFTERS @
ALL JOINTS IN ADJACENT ROOF
DECK SHEETS.



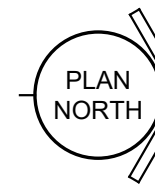
FOUNDATION PLAN - ADMINISTRATION BUILDING
SCALE: 1/8" = 1'-0"



ROOF FRAMING PLAN - ADMINISTRATION BUILDING
SCALE: 1/8" = 1'-0"



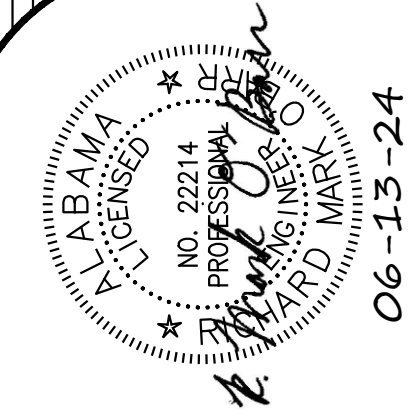
FOUNDATION PLAN - ENTRY TOWER
SCALE: 1/8" = 1'-0"



ROOF FRAMING PLAN - ENTRY TOWER
SCALE: 1/8" = 1'-0"

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SHEET TITLE : FRAMING PLANS - ADMIN. BUILDING

MCKEE JOB # : 23-251

DRAWN BY : R. Casey

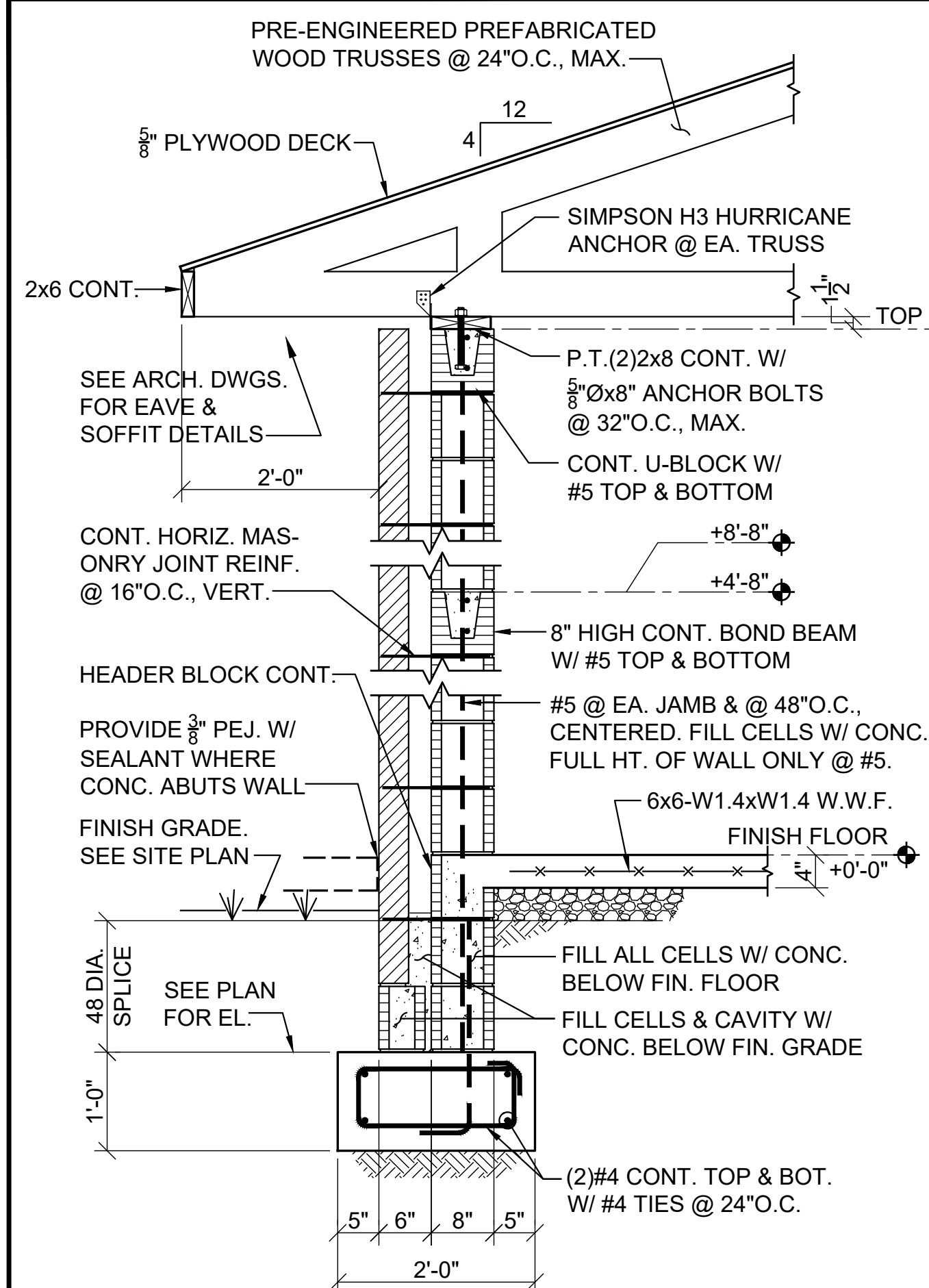
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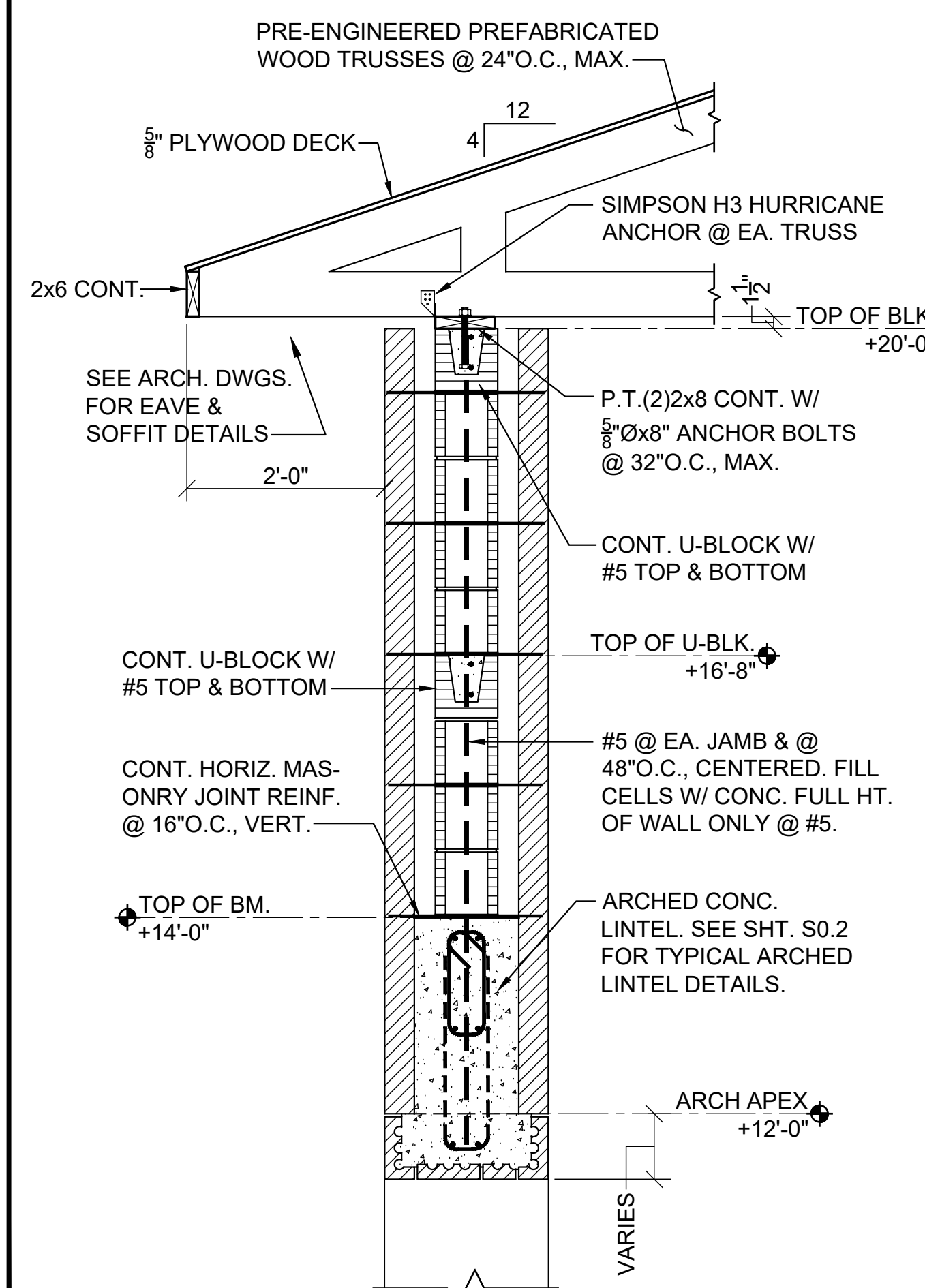
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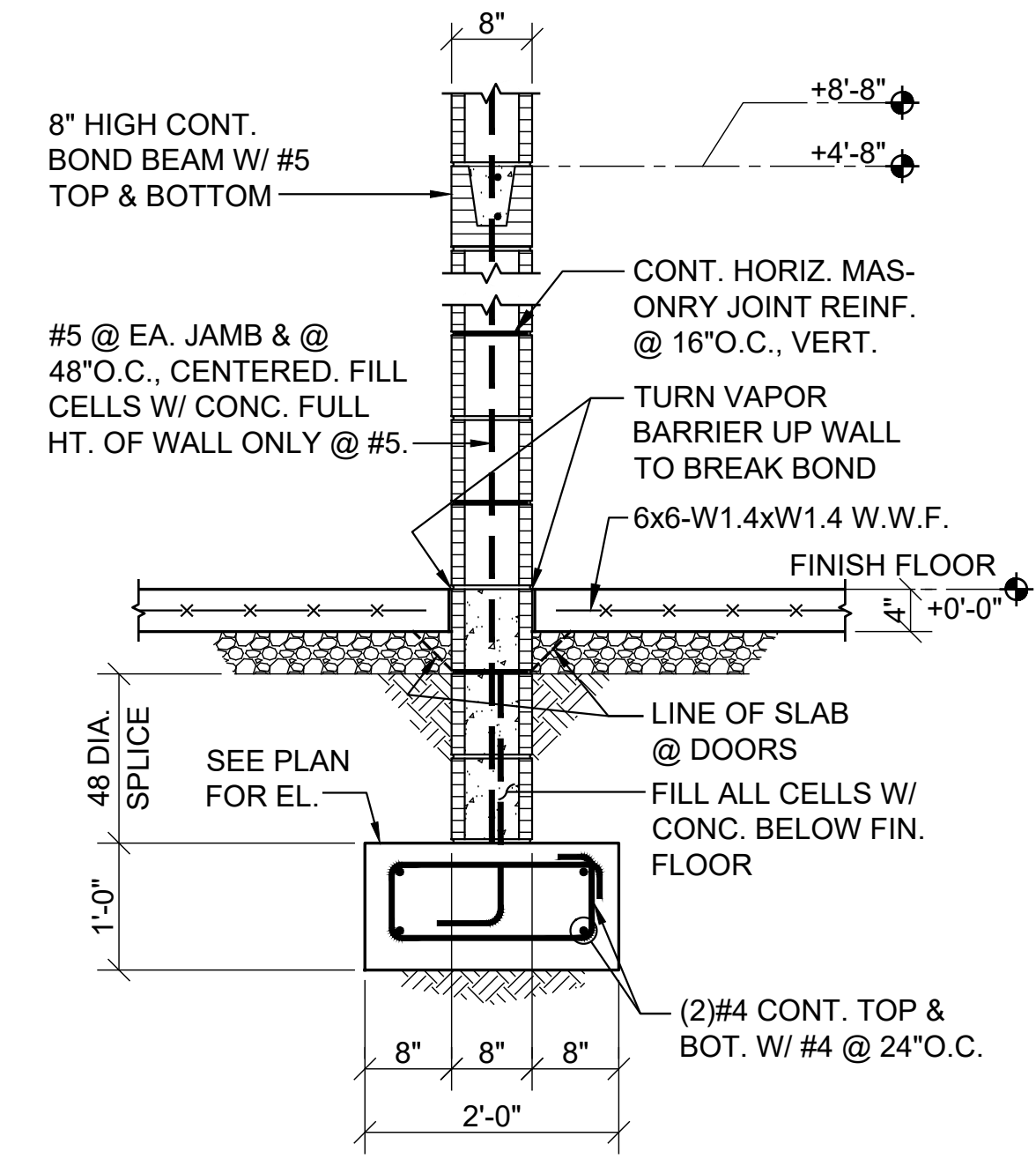
SHEET NO. : **S1.1**



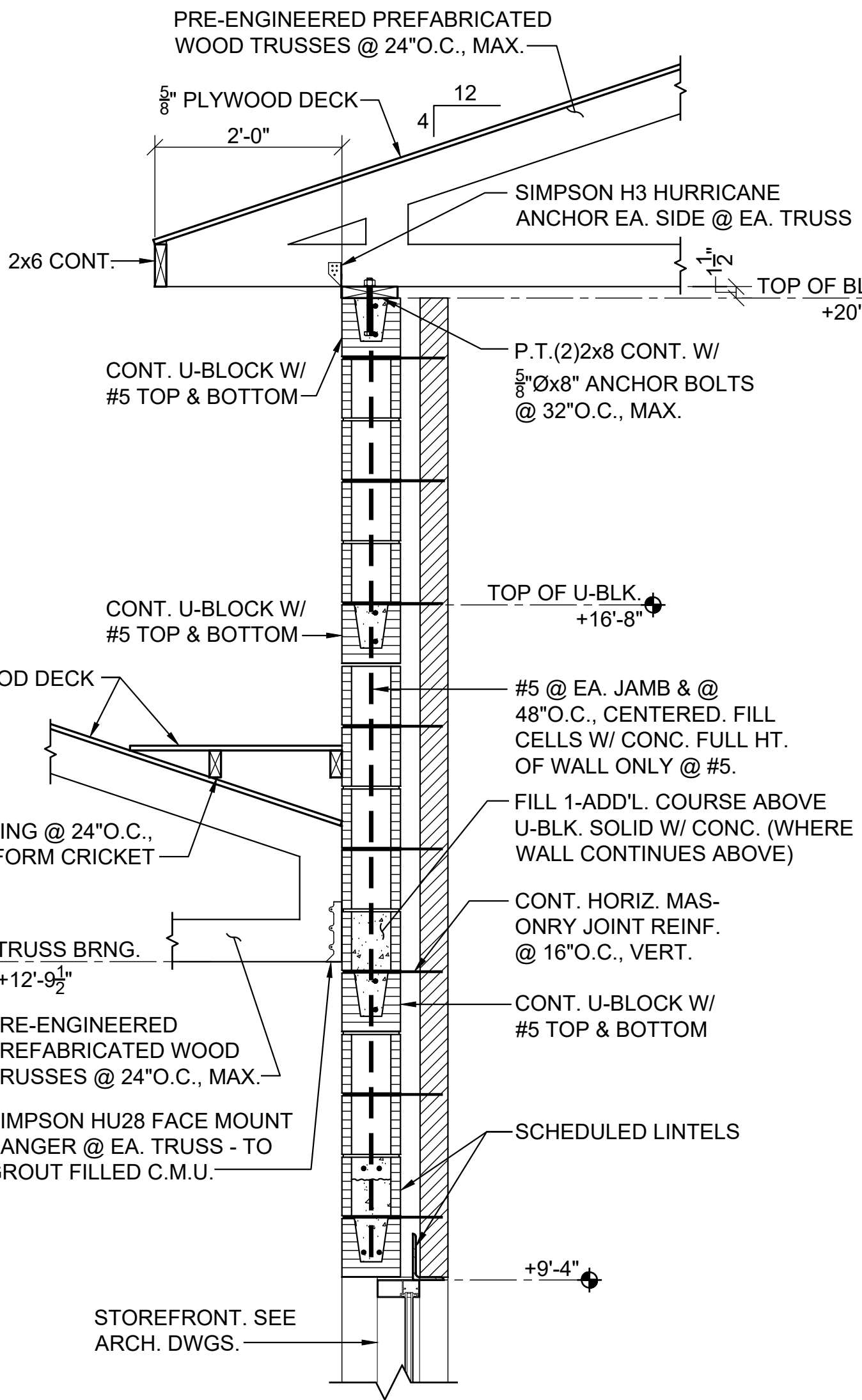
SECTION 1
3/4"=1'-0" S2.1



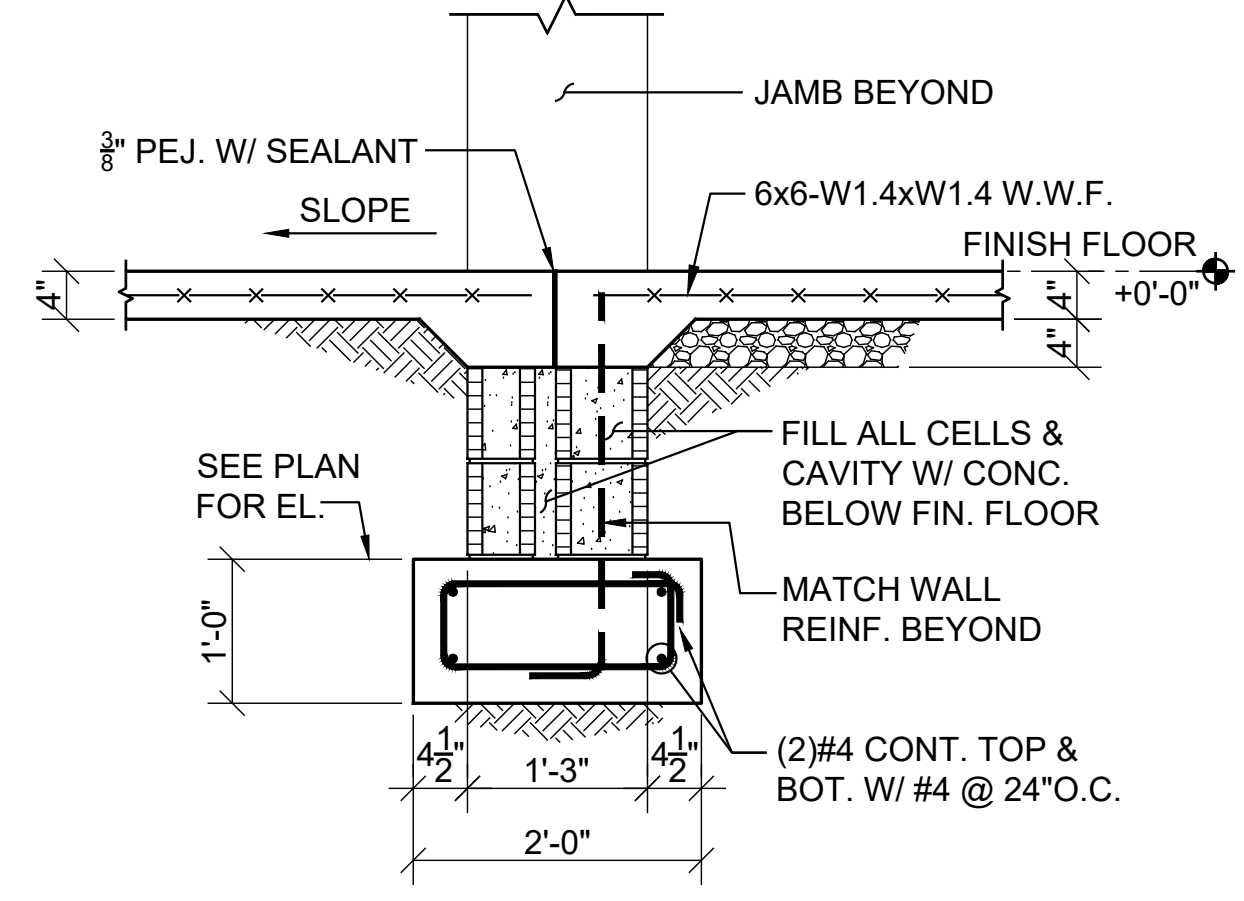
SECTION 5
3/4"=1'-0" S2.1



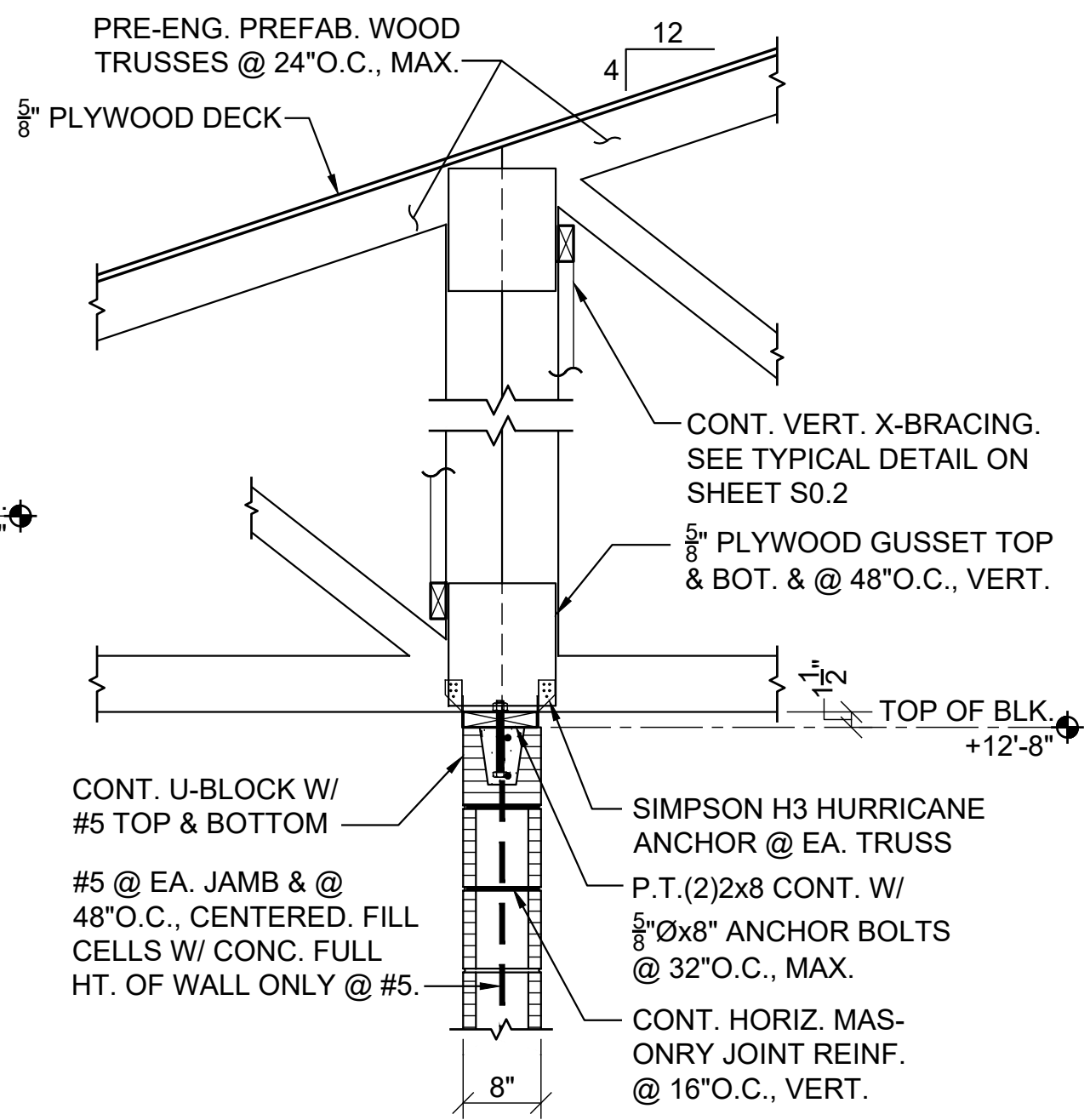
SECTION 2
3/4"=1'-0" S2.1



SECTION 6
3/4"=1'-0" S2.1

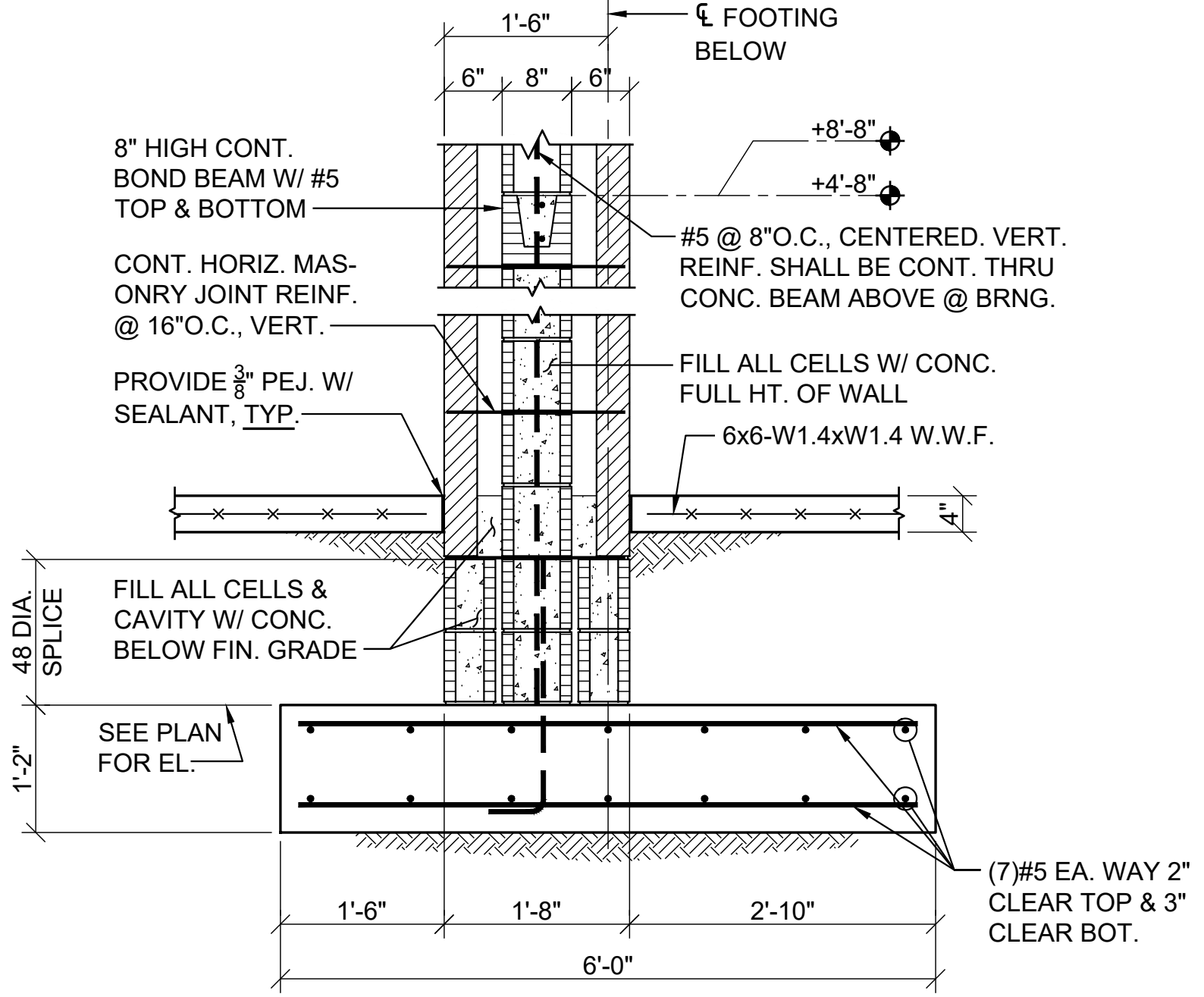


SECTION 3
3/4"=1'-0" S2.1

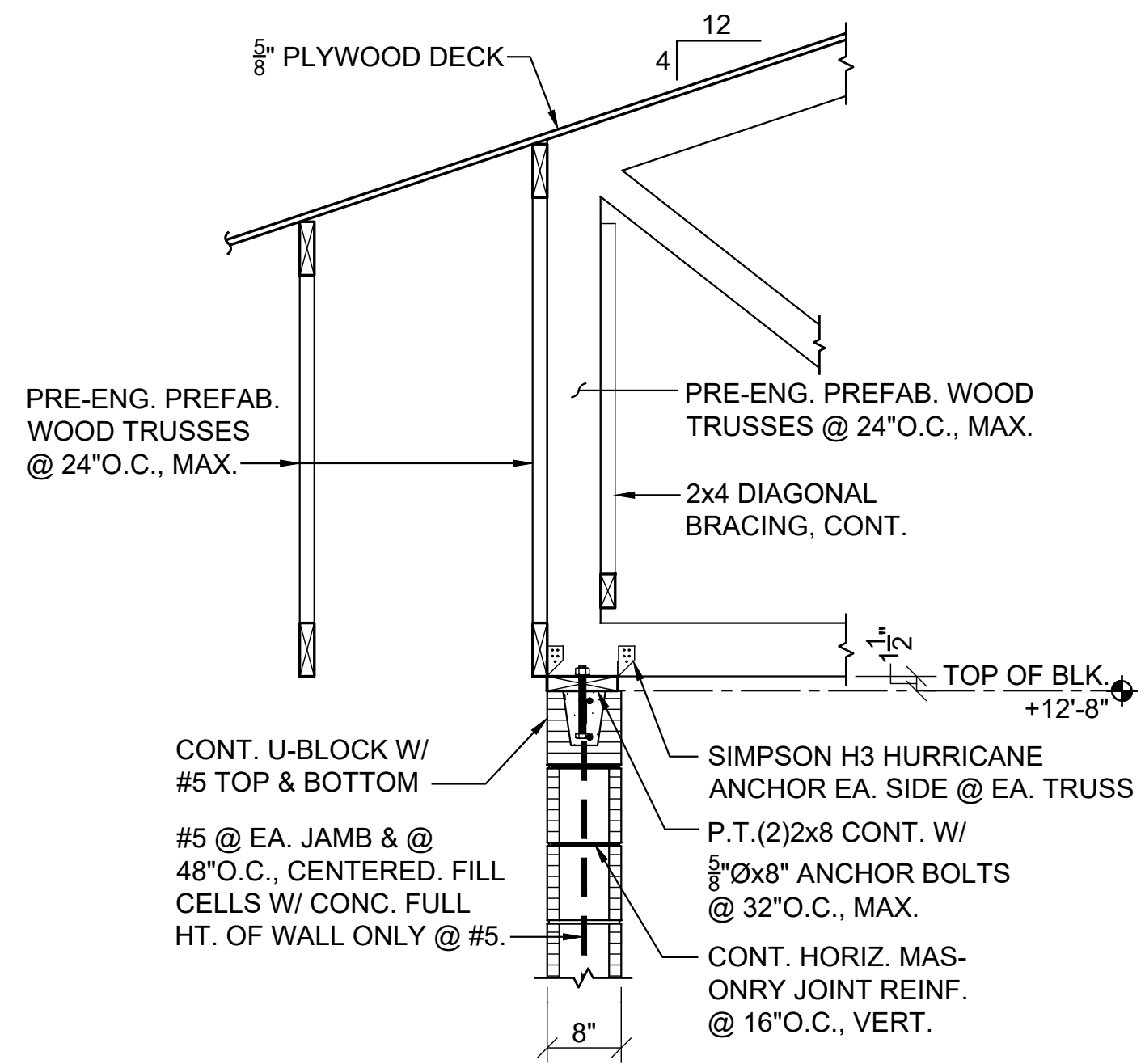


SECTION 7
3/4"=1'-0" S2.1

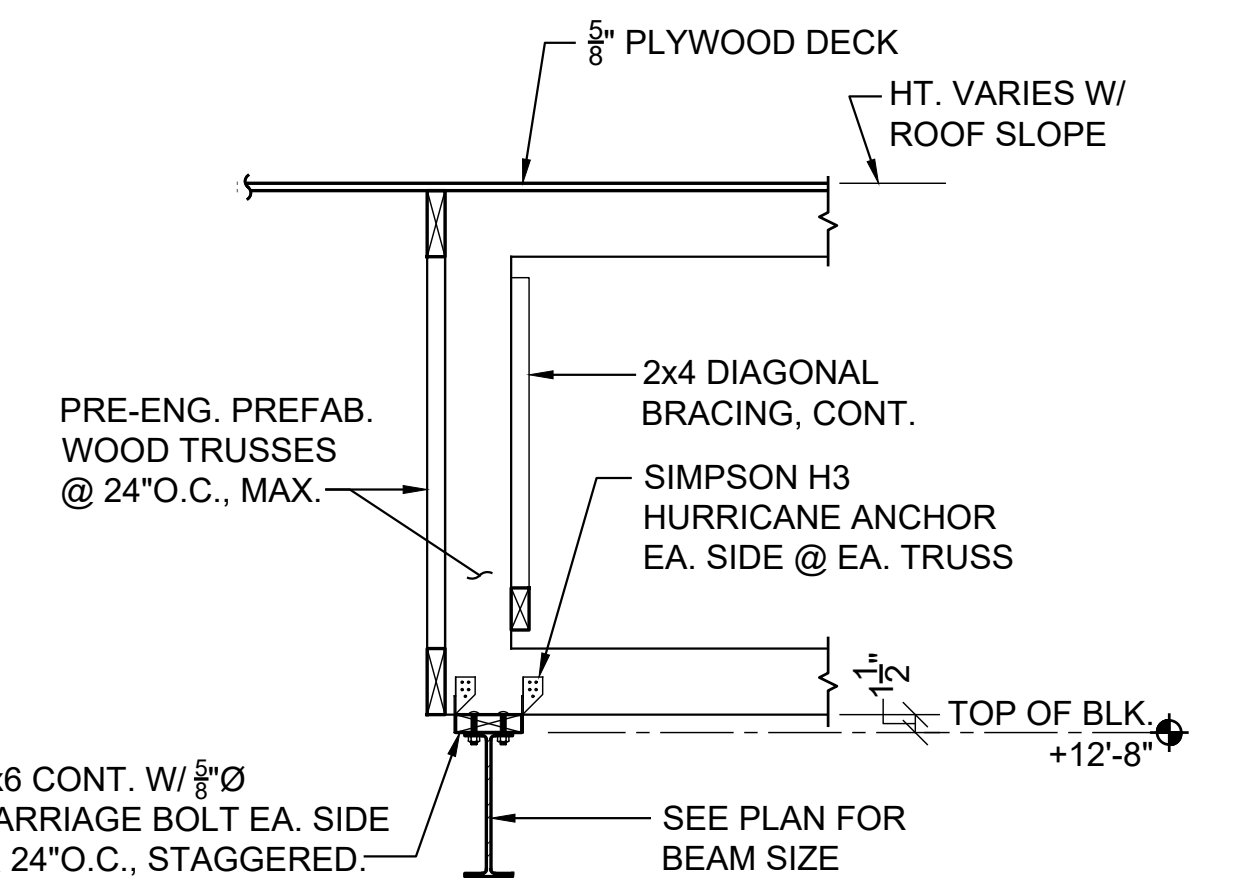
NOTE:
PROVIDE 8" HIGH CONT. BOND BEAM W/ #5 TOP & BOTTOM @ HT.'S OF (+4'-8") & (+8'-8") TO TOP OF BOND BEAM. HOOK TOP & BOTTOM BOND BEAM REINF. 180° AROUND VERTICAL CORNER REINF. & AROUND VERTICAL JAMB REINF. AT DISCONTINUOUS ENDS, TYP.



SECTION 4
3/4"=1'-0" S2.1



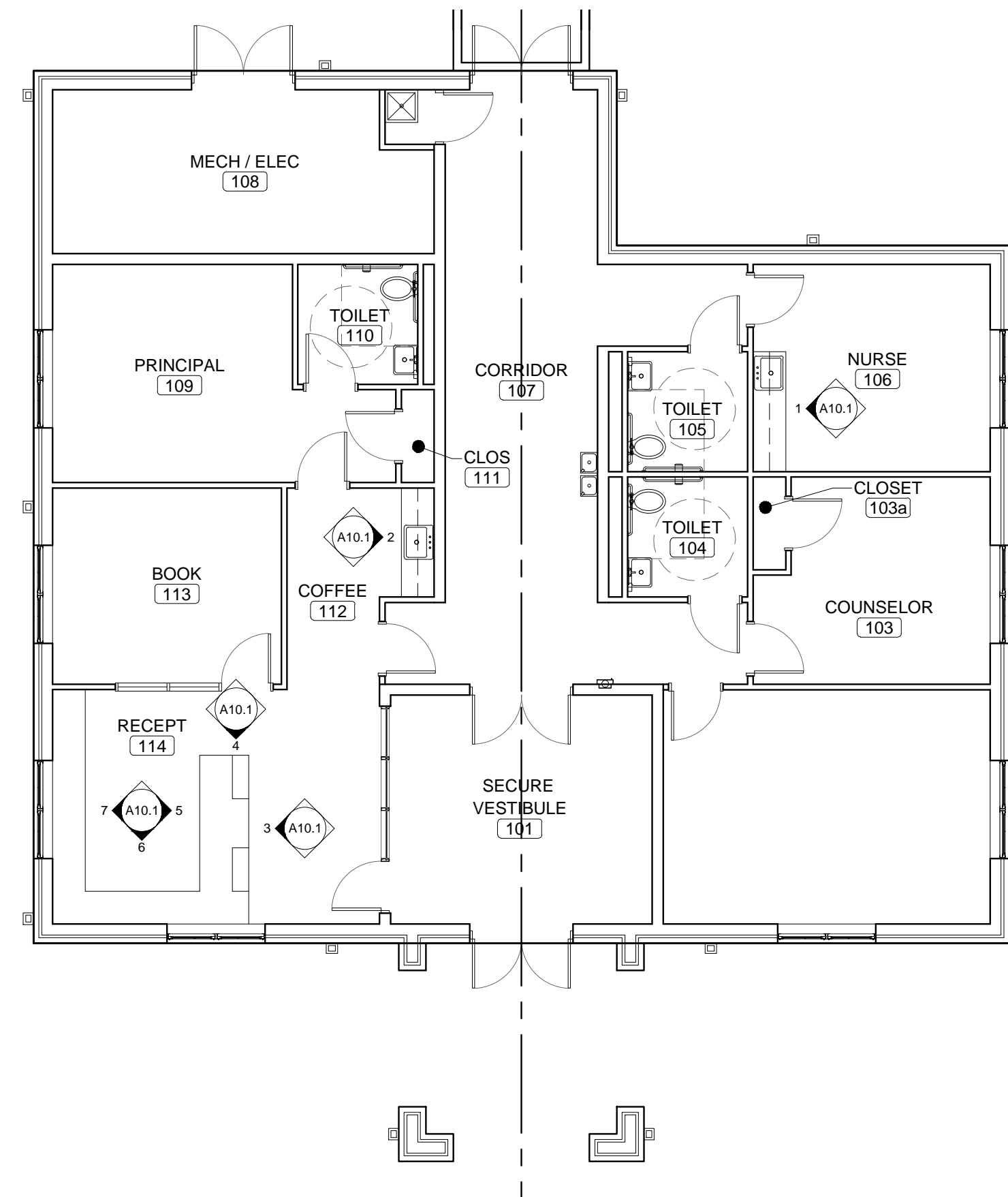
SECTION 8
3/4"=1'-0" S2.1



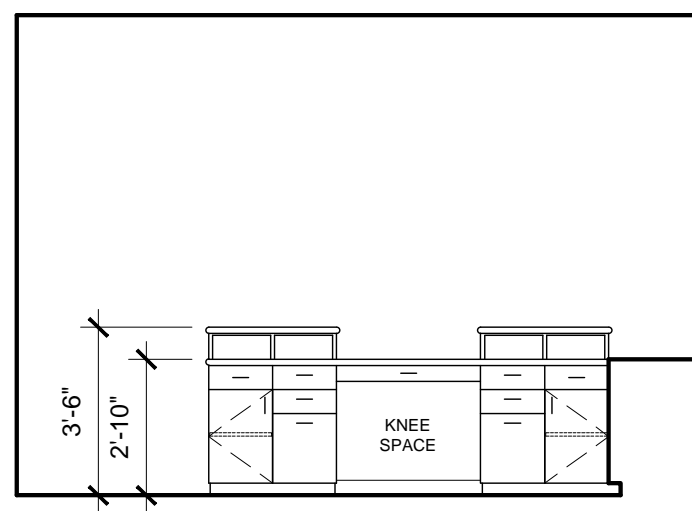
SECTION 9
3/4"=1'-0" S2.1

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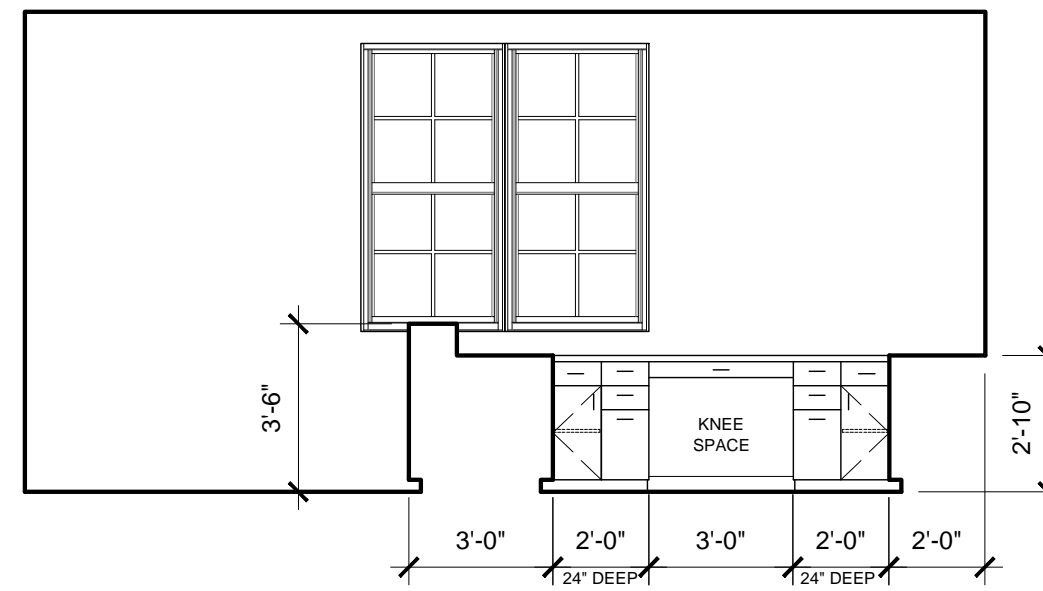
SHEET TITLE : SECTIONS AND DETAILS
 MCKEE JOB # : 23-251
 DRAWN BY : R. Casey
 DATE : 05.18.2024
 REVISED DATE : 06.13.2024
 REVISED DATE :
 REVISED DATE :
 SHEET NO. : S2.1



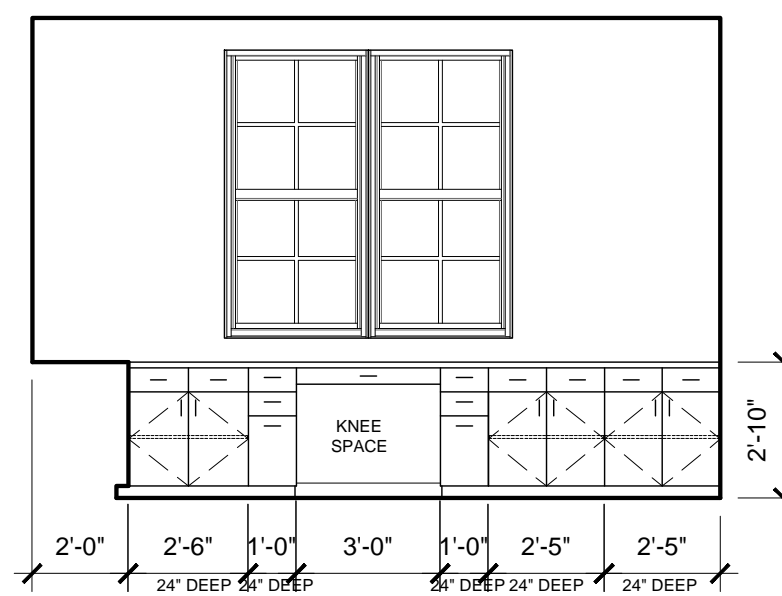
○ REFERENCE PLAN
SCALE: 1/8"=1'-0"



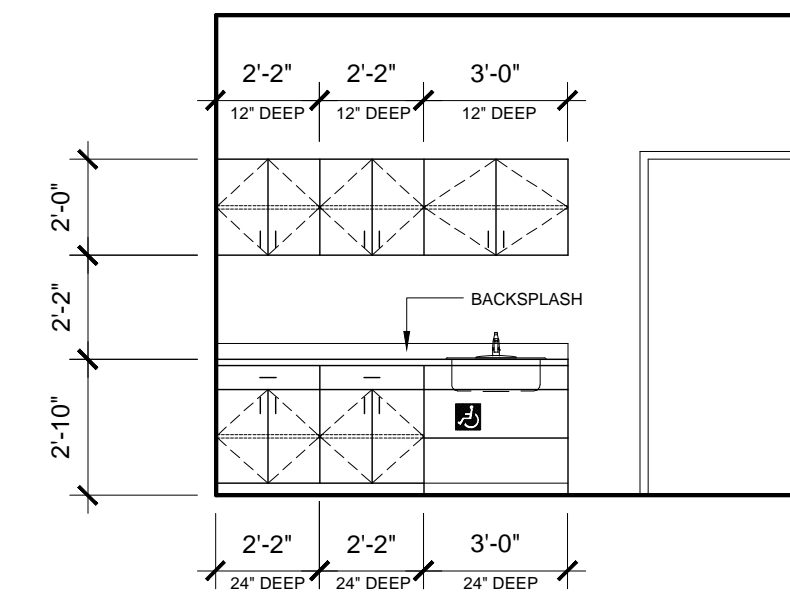
5 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



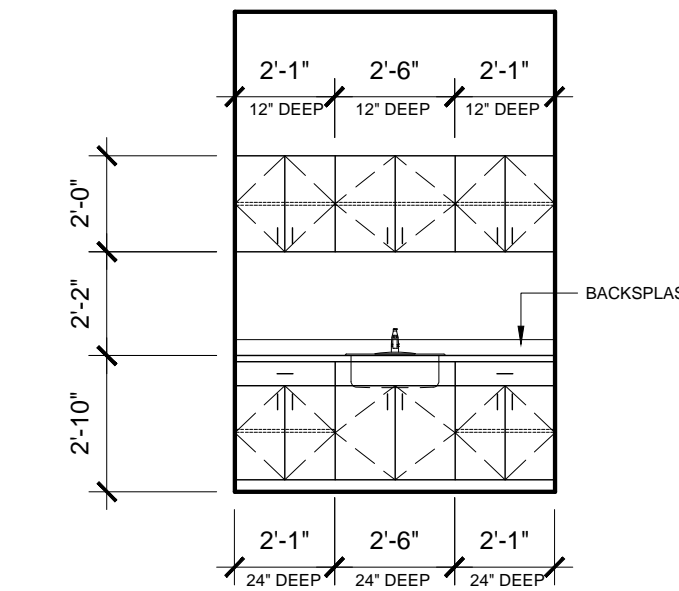
6 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



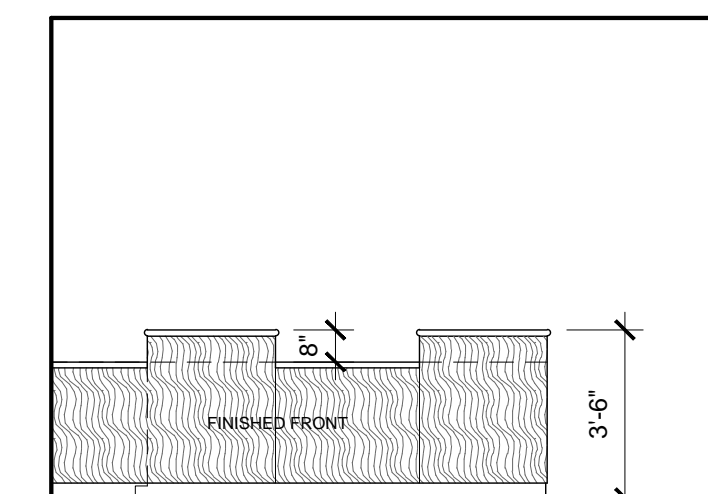
7 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



1 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



2 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



3 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"



4 INTERIOR ELEVATION
SCALE: 1/4"=1'-0"

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SHEET TITLE : CASEWORK

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DRAWN BY : JRB

DATE : 05.18.2024

REVISED DATE :

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SHEET NO. : A10.1