



SEDGWICK COUNTY, KANSAS  
DIVISION OF FINANCE

*Purchasing Department*

100 N. Broadway, Suite 610 ~ Wichita, KS 67202

Phone: 316 660-7255 Fax: 316 660-1839

<http://sedgwickcounty.org/finance/purchasing.asp>

**ADDENDUM #1**

**RFB #24-0011**

**ADDITIONS AND ALTERATIONS – HOUSEHOLD HAZARDOUS WASTE**

February 29, 2024

The following is to ensure that vendors have complete information prior to submitting a proposal. Here are some clarifications regarding Additions and Alterations - Household Hazardous Waste.

Questions and/or statements of clarification are in **bold** font, and answers to specific questions are *italicized*.

**PLEASE SEE ATTACHED INSTRUCTIONS AND PLANS FROM PROJECT ARCHITECT.**

Firms interested in submitting a **bid** must respond with complete information and **deliver on or before 1:45 pm CST, March 5, 2024**. Late bids will not be accepted and will not receive consideration for final award.

**“PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID RESPONSE PAGE.”**

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Lee Barrier  
Purchasing Agent

LB/ch

**Addendum Number One**  
To The Drawings and Specifications for  
**Household Hazardous Waste Facility**  
**Bid # 24-0011, Sedgwick County, Kansas**

Issued: Wednesday, February 28, 2024

**HANNEY & ASSOCIATES ARCHITECTS**  
1726 South Hillside, Wichita, Kansas

**NOTICE TO BIDDERS**

You are hereby instructed to include in your bids the following changes and/or corrections to the Drawings and Specifications for the **Household Hazardous Waste Facility – 801 Stillwell, Wichita, Kansas.**

The additions and/or corrections shall be considered as a part of the Contract Documents as if incorporated therein. Where the following corrections and/or additions vary from the conditions of the Drawings and Specifications, such following changes or additions shall govern.

**I. GENERAL CLARIFICATIONS:**

- 1.1 The Bid Date and Time shall remain unchanged.
- 1.2 Pre-Bid Conference
  - a. A Pre-Bid meeting was held on February 22, 2024, at the Household Hazardous Waste Facility, 801 Stillwell, Wichita, Kansas. A copy of the attendance sheet accompanies this addendum.
  - b. Attendance at the Pre-Bid meeting was not mandatory.
- 1.3 Fire Hydrant  
A new fire hydrant is part of the project, and shall be located as detailed in the PPW package (Water Distribution System), which has been issued as part of the bid package.
- 1.4 Kitchen Exhaust Hood
  - a. The kitchen hood can be a residential, non-ducted hood.
  - b. The kitchen hood shall be equal to Broan-NuTone, Mantra AVSC1 Series, 30-inch, 375 CFM max, two speed blower, under-cabinet range hood, with light. The finish shall be stainless steel.
  - c. The change was approved by Stoney Nethercot, MABCD.
- 1.5 Wrought Iron Fence  
At northwest corner, a section of new wrought iron fence, 6-foot tall, shall be added to close off the north end of the vacated alley (the space between the new addition and the building to the west). The bottom of the fence shall be constructed to follow the slope of the grade. This is noted on Sheet AS1.3.

- 1.6 Overhead Coiling Fire Door  
The pair of doors 100b shall be changed to be an overhead coiling fire door, rated for protecting a 3-hour wall.
- 1.7 PPW and PPP  
The cost to implement both Private Projects, water and paving, shall be included in the General Contractor's base bid.
- 1.8 Primary Electrical Transformer  
The Primary Transformer is shown on Sheet E2.1.
- 1.9 FEMA Louvers  
Mechanical Sheet MP1.1 specifies two FEMA louvers, L1 and L2.  
For bidding purposes, these louvers will be used to protect the Exhaust Fan discharge. The louver material shall be changed from aluminum to steel, for installation in the concrete deck by the General Contractor.

**II. CHANGES TO SPECIFICATIONS:**

- 2.1 Specification Index  
The Index shall be updated to add Section 08330 – Coiling Fire Doors, 3-pages.
- 2.2 Section 08330 – Coiling Fire Doors  
This section is being added with this addendum.
- 2.3 Section 08700 – Hardware
  - a. Hardware Heading 4 shall be deleted.
  - b. Hardware Heading 5 is revised and listed below. The yellow highlighted line was missing from the original specification.

**Set: 5.0**

Doors: 102a, 119a

Description: Sales, Break

|                              |  |       |    |   |
|------------------------------|--|-------|----|---|
| 3 Hinge, Full Mortise        | T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2" | US26D | MK |   |
| 1 Electric Power Transfer    | EL-CEPT                                | 630   | SU | ⚡ |
| 1 Rim Exit Device, Storeroom | LC 55 56 8804 Less Pull                | US32D | SA | ⚡ |
| 1 Mortise Cylinder           | 2153 GMK                               | 626   | YA |   |
| 1 Rim Cylinder               | 1109 GMK                               | 626   | YA |   |
| 1 Door Pull                  | RM7511-24 Mtg-Type 12HD                | US32D | RO |   |
| 1 Door Closer                | 281 P10                                | EN    | SA |   |
| 1 Kick Plate                 | K1050 10" x 2" LDW CSK BEV             | US32D | RO |   |
| 1 Wall Stop                  | 409                                    | US32D | RO |   |
| 3 Silencer                   | 608                                    |       | RO |   |
| 1 ElectroLynx Harness        | QC-C1500P                              |       | MK | ⚡ |
| 1 ElectroLynx Harness        | QC-C Length Required                   |       | MK | ⚡ |
| 1 Position Switch            | DPS-M-BK or DPS-W-BK as required       |       | SU | ⚡ |
| 1 Power Supply               | BPS-24-1                               |       | SU | ⚡ |

Notes: Card reader furnished by Owner.

The note that follows is unchanged from the original spec.

The square shapes are lighting bolts to in the original spec, indicating electrical devices.


- 2.3 Section 10800 – Toilet Accessories
- a. Replace recessed Sanitary Napkin Dispenser with a Surface Mount, Bobrick Napkin Vendor, Model B-2706-25.
  - b. Page 3 is a blank page.
  - c. Paragraph 9, page 4: Semi Recessed Combination Unit is recessed. Clarification to the partition cut-out is required: 16-inch width x 54-inch height. 4-inch depth is recessed. Overall depth of unit is 8 inches.
- 2.4 Section 13600 – Pre-Engineered Building Components
- a. Alliance Steel Building Systems is an approved manufacture.
  - b. The exterior metal panel is a standard corrugated panel, all approved manufacturers need to provide a color match to the existing exterior wall.
  - c. The new exposed metal trim and flashing shall match the profile, finish, and color of the existing.
  - d. Paragraph 5.2, Item “B” shall be deleted. We do not have any “Bright Red” panels on this project.
- 2.5 Section 15020 – Plumbing General Provisions
- This section has a note that states – “Plumbing Contractors are required to attend the Pre-Bid”. This note is in error, attendance of the Pre-Bid is voluntary. No one will be disqualified for not attending the Pre-Bid.

### **III. CHANGES TO DRAWINGS:**

- 3.1 INDEX, Detail A Enlarged Site Plan
- a. Traffic Arrows  
The arrows shown on the pavement shall be newly painted graphics, applied to pavement. The existing arrows on the existing pavement shall be repainted at this same time. The color shall be white, like the existing.
  - b. Wrought Iron Fence  
A section of new wrought iron fence, 6-foot tall, shall be added to close off the north end of the vacated alley (the space between the new addition and the building to the west). For additional notes, refer to the General Clarification at the beginning of this addendum.
  - c. ADA Curb Ramps  
The new ADA curb ramps shown on the (N-S) sidewalk, north side of the addition, are not graphically correct. There shall be side splays, similar to detail 15 on Sheet AS1.5.
  - d. Bollards  
The bollards at driveway to the storage garage (NW corner, north side) shall be shown to match those shown on Sheet A1.1.

- 3.2 CODE-2
- a. Kitchen Hood
    - 1. A Type-1 Hood with Fire Protection is called out on Code-2 sheet. This shall be changed to a standard residential, non-ducted, stainless-steel hood. The change has been approved by Stoney Nethercot, MABCD.
    - 2. Please refer to the Kitchen Hood notes in the General Clarifications at the front of this addendum.
  - b. Door 100b (pair of doors connecting the existing to the new) shall be changed from a pair of doors to an overhead coiling fire door with a 3-hour rating. Electrical Contractor shall provide power for the motor and a connection to the fire alarm panel.
- 3.3 CODE-3
- a. Fire Hydrant  
The fire hydrant location shall match what is shown on the PPW sheets, on the north side of Stillwell Street.
- 3.4 Sheet L-1
- a. This sheet shall include the note that indicates to reseed all areas affected by the construction and demolition.
  - b. The existing landscape materials (trees and shrubs) along the east fence shall be relocated to the new islands and end bays along Osage Street, where directed by the Owner and Architect.
- 3.5 Sheet AS1.1
- a. Plan Note 1  
This note is to include all trees and landscape materials in the path of the new addition, the PPW or the PPP. The exception is the existing landscape materials along the east fence. Those material are to be moved to the new islands and end bays along Osage Street.
  - b. Plan Notes 16 and 17  
These notes are shown on the public street. The actual location where they are intended to be located, is a property owned by the County, on the north side of Stillwell, just west of the home on the corner. This property is not paved, which is the reason for Note 16.
- 3.6 Sheet AS1.3
- a. This sheet is being reissued with this addendum.
  - b. The drive extending to the north from the new garage is new construction. This shall include a new curb, cut per the City of Wichita standards, curb and sidewalk modifications.
  - c. Add new concrete splash block to each down spout located on west side of new addition. Refer to detail 11/ AS1.5. Please note, these are not shown on the new Sheet AS1.3, but are required.

- 3.7 Sheet AS1.4 - Plan A and Plan B
- a. The existing power / light poles are not shown on this site plan, they are to remain.
  - b. The existing gate and fence, to the south of the existing curb cut, are to remain.
  - c. There is an existing power pole that will be in the new sidewalk (at the island with the stormwater inlet). Provide an additional 5 feet of sidewalk, 5-feet in width to the east side of the new walk. This additional concrete will allow pedestrians to walk around the power pole. Refer to the reissued Sheet AS1.3.
- 3.8 Sheet A1.1
- a. Door 100b (pair of doors connecting the existing to the new) shall be changed from a pair of doors to an overhead coiling fire door with a 3-hour rating. Electrical Contractor shall provide power for the motor and a connection to the fire alarm panel.
- 3.9 Sheet A1.2
- a. Detail Plan "A", a dashed line is used to indicate the extent of ceramic tile wainscot. This line shall be extended around the four walls of the Alcove-115. This way the plan matches the interior elevations 10, 11, and 12 on Sheet A6.4.
  - b. Detail 10/A6.4 applies to both the north and south walls of Alco-115.
- 3.10 Sheet A1.3
- Elevation 2: Remove the portion of epoxy countertop that occurs on top of the half-door. The laminate specified on the face of the door shall wrap all surfaces and edges of the door.
- 3.11 Sheet A2.1
- Modify detail indicators that reference Sheet A2.0, so that they now reference Sheet A2.2.
- 3.12 Sheet A2.4
- Storage rooms 106 and 108 shall have 2x2 suspended acoustical grid systems, in lieu of the 2x4 as shown.
- 3.13 Sheet A3.1
- Door 100b (pair of doors connecting the existing to the new) shall be changed from a pair of doors to an overhead coiling fire door with a 3-hour rating. Electrical Contractor shall provide power for the motor and a connection to the fire alarm panel.
- 3.14 Sheet A5.4
- This sheet has been revised to clarify details of the HVAC duct coming into the hardened storm shelter.
- 3.15 Sheet A5.6
- This sheet has been revised to show details of steel ductwork wrap for the shelter.
- 3.16 Sheet A6.1
- Elevation 3 shall be changed to show an overhead coiling fire door, in lieu of the pair of doors, for opening 100b.

- 3.17 Sheet A6.3  
Clarification on the finishes for the ramp and stair in the garage area, elevation 4:  
All surfaces of the stair and ramp shall be finished with rubber. This includes the ramp surface, landing, stair treads (with nosing), risers and stair stringers, and vertical side of the ramp. The contractor has the option to utilize lug-back tiles on the landing, lug-back is required for the ramp.
- 3.18 Sheet A7.3  
a. Detail 6  
Replace bullnose quarry tile – outside edges, with 6-inch square-edge quarry tile, with the outside edges finished with Schuler Quadec metal trim.
- 3.19 Sheet A8.1, Material Legend and Room Finish Matrix clarifications:  
a. F2 -Stair Tread  
Change the description from Cove Toe Wall Base to Stair Treads.  
The spec listed in F2 is actually for wall base. Refer to the specification Section 09650, paragraph 5.2 for the proper information.
- b. Polished concrete, F3. Class B Salt and Pepper is the desired level of aggregate. Polishing/grinding process may achieve areas with larger aggregates as a condition of having polished concrete floors.  
In the image below, ‘Small’ (to the right) represents Class B Salt and Pepper .
- 
- c. Quarry Tile Base B2, tile size is noted as a 6-inch square tile is noted. Refer to detail 4/A8.2 where B2 is noted in restrooms, alcove and drinking fountain.
- d. Quarry Tile W12, tile size is noted as a 6-inch square tile. Refer to elevation 2/A6.1, noted with quarry tile finish on all exposed surfaces of half-walls. Refer to detail 6/A8.2 for exposed edge information.
- e. Alcove-115, ceramic tile wainscot shall be on all four walls. Refer to the interior elevations 10, 11 and 12 on Sheet A6.4. Elevation 10 applies to both the north and south walls.
- 3.20 Sheet A8.2  
a. The detail indicators have the sheet numbers shown as “HT”.  
All of the page number references “HT” shall be changed to “A”.
- b. Detail 5 Wall tile does include Designline metal in different locations. One is at the top of the glass tile accent, and the other is at the bottom of the glass tile accent. Detail indicator 14/A8.2 (actually shown as 14/HT8.2) was intended to show which graphic is the design line metal. Detail 14 shows and notes the Designline metal.
- c. The extent and location of the tile accents, glass mosaic tile and Designline metal trim, are graphically shown and noted on enlarged elevations, Sheet A6.4, detail 14 on Sheet A8.2, and provides an enlarged detail of tile accent.

- d. Detail 9 Window Sill Construction:  
The Schluter Rondec step metal trim that we want to use has a vertical dimension of 1-1/2 inches.

- 3.21 Sheets S000, S100, and S200  
The structural sheets are being reissued with this addendum.

**END OF ADDENDUM**



**SECTION 08330  
COILING FIRE DOORS**

**PART 1 – GENERAL**

**1. GENERAL REQUIREMENTS**

All work included under this heading shall be subject to the General Conditions of the entire operation. The Contractor for this portion of the work is required to refer especially thereto.

- 1.1 The units shall be motorized with a fuseable link.
- 1.2 The units shall be tied to and activate from the Fire Alarm.
- 1.3 The units shall provide a 3-hour Fire Rating.
- 1.4 The Overhead Coiling Fire Door is 8 feet-4 inches wide x 8 feet-0 inch tall.

**2. SUMMARY**

- 2.1 Section Includes
  - Motorized, Overhead, Coiling, Fire Doors
- 2.2 Related Sections
  - A. 06100 – Rough Carpentry: Door opening jamb and head members
  - B. 08700 – Hardware

**3. SUBMITTALS**

Reference Section – 01300 Submittal Procedures; submit the following items:

- 3.1 Product Data
- 3.2 Shop Drawings
  - Include special conditions not detailed in Product Data. Show interface with adjacent work.
- 3.3 Quality Assurance / Control Submittals
  - Manufacturer’s Installation Instructions
- 3.4 Closeout Submittals
  - A. Operation and Maintenance Manual
  - B. Certificate stating that installed materials comply with this specification

**4. QUALITY ASSURANCE**

- 4.1 Qualifications
  - A. Manufacturer Qualifications
    - Minimum five years’ experience in producing doors of the type specified
  - B. Installer Qualifications
    - Manufacturer’s approval

**HOUSEHOLD HAZARDOUS WASTE  
FACILITY EXPANSION  
Sedgwick County 2023 – Wichita, Kansas**

**5. DELIVERY STORAGE AND HANDLING**

Follow manufacturer's instructions.

**6. WARRANTY**

Standard Warranty: One year against defects in material and workmanship

**PART 2 – PRODUCTS**

**7. MANUFACTURER**

Cornell Iron Works, Inc., Crestwood Industrial Park, Mountaintop, PA 18707  
Telephone: (800) 233-8366, FAX: (800) 526-0841, or the approved equal.

Distributor: Overhead Door Company, 332 Ida, Wichita, Kansas 67211  
Phone: 265-4634, FAX: 267-7807

**8. MATERIALS**

8.1 Rolling Counter Doors: 22 gauge – refer to drawings

8.2 Curtain

A. Slats: No. 1F, interlocked flat-faced slats, 1-1/2 inches (38 mm) high by 1/2 inch (13 mm) deep, 22-gauge galvanized steel with plain steel bottom bar with lift handle(s) and vinyl astragal.

B. Fabricate interlocking sections with high strength galvanized steel end-locks riveted slats per UL requirements.

C. Slat Finish: Phosphate treatment followed by baked-on polyester powder coat, color as selected by Architect from manufacturer's standard color range, minimum 32 colors, or custom color as selected by Architect; minimum 2.5 mils (0.065 mm) cured film thickness; ASTM D-3363 pencil hardness: H or better

8.3 Guides

Steel: 12 Gauge formed shapes

8.4 Counterbalance Shaft Assembly

A. Barrel: Steel pipe capable of supporting curtain load with maximum deflection of 0.03 inches per foot (2.5 mm per meter) of width

B. Spring Balance: Oil-tempered, heat-treated steel helical torsion spring assembly designed for proper balance of door to ensure that maximum effort to operate will not exceed 25 lbs. (110 N). Provide wheel for applying and adjusting spring torque

8.5 Brackets

Fabricate from reinforced steel plate with permanently lubricated ball or roller bearings at rotating support points to support counterbalance shaft assembly and form end closures.

8.6 Hood and mechanism covers

24-gauge galvanized steel with reinforced top and bottom edges. Provide minimum 1/4-inch (6 mm) steel intermediate support brackets as required to prevent excessive sag.

**HOUSEHOLD HAZARDOUS WASTE  
FACILITY EXPANSION  
Sedgwick County 2023 – Wichita, Kansas**

- 8.7 Smoke Seals  
Bottom Bar: UL Tested PVC double bulb seal 2. Guides and Head: Replaceable UL Listed nylon pile sealing against fascia side of curtain.

**9. ACCESSORIES**

- Locking – Manual Crank Hoist  
Padlock-able slide bolt on coil side of bottom bar at each jamb extending into slots in guides.

**10. OPERATION**

- Motorized Crank Hoist  
The units shall be motorized with crank hoist operators including crank gear box, steel crank drive shaft and geared reduction unit. Fabricate gearbox to completely enclose operating mechanism and be oil tight.

- 10.1 Activation: Melting of fusible link.
- 10.2 Motorized:  
A. Provide key activation with the units.  
B. Tie to fire alarm.
- 10.3 Average Closing Speed: Not less than 6 inches (150 mm) nor more than 24 inches (600 mm) per second.
- 10.4 Reset Procedure: Reset spring tension and mechanical dropouts; replace fusible link.

**PART 3 – EXECUTION**

**11. EXAMINATION**

- 11.1 Examine substrates upon which work will be installed and verify conditions are in accordance with approved shop drawings.
- 11.2 Coordinate with responsible entity to perform corrective work on unsatisfactory substrates.
- 11.3 Commencement of work by installer is acceptance of substrate.
- 11.4 **Field verify all openings before fabrication.**

**12. INSTALLATION**

- 12.1 General  
Install door and operating equipment with necessary hardware, anchors, inserts, hangers and supports, **with full height of guides.**
- 12.2 Follow manufacturer's installation instructions.

**13. ADJUSTING**

- Following completion of installation, including related work by others, lubricate, test, and adjust doors for ease of operation, free from warp, twist, or distortion.

**14. CLEANING**

- 14.1 Clean surfaces soiled by work as recommended by manufacturer.
- 14.2 Remove surplus materials and debris from the site.

***HOUSEHOLD HAZARDOUS WASTE  
FACILITY EXPANSION  
Sedgwick County 2023 – Wichita, Kansas***

**15. DEMONSTRATION**

15.1 Demonstrate proper operation to Owner's Representative.

15.2 Instruct Owner's Representative in maintenance procedures.

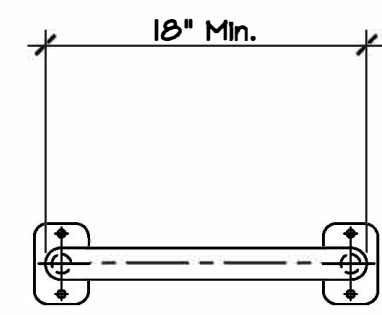
**End of Section 08330**

# BICYCLE PARKING

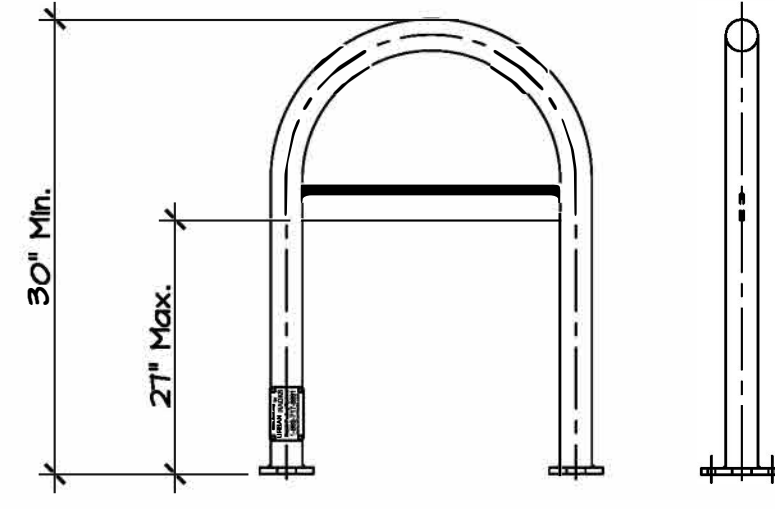
Table 28-5

Bike Parking for Recreation and Community Facilities = 15% of required vehicle spaces

188 Required Parking Spaces x .15 =  
28 Bike Parking Spaces Required  
2 Bikes Per Rack  
15 Bike Racks Provided  
30 Bike Parking Spaces Provided

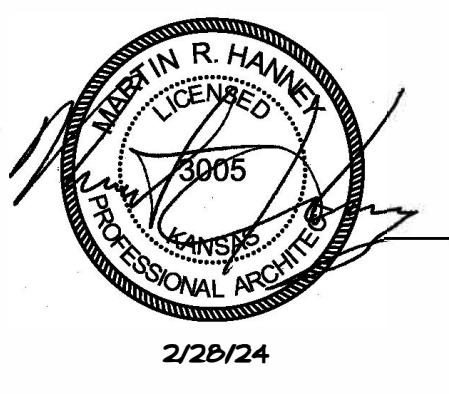
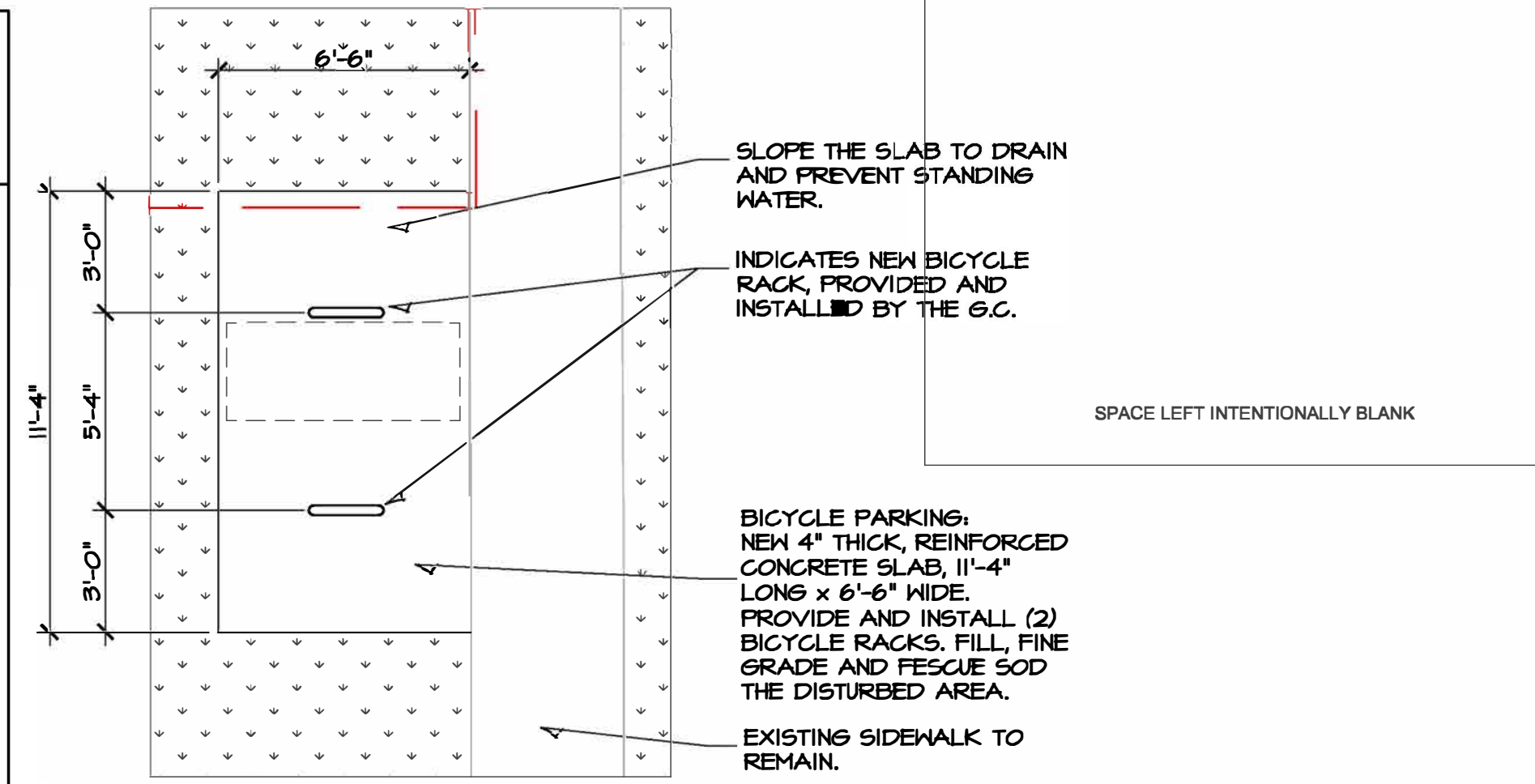


PLAN



FRONT ELEVATION SIDE ELEVATION

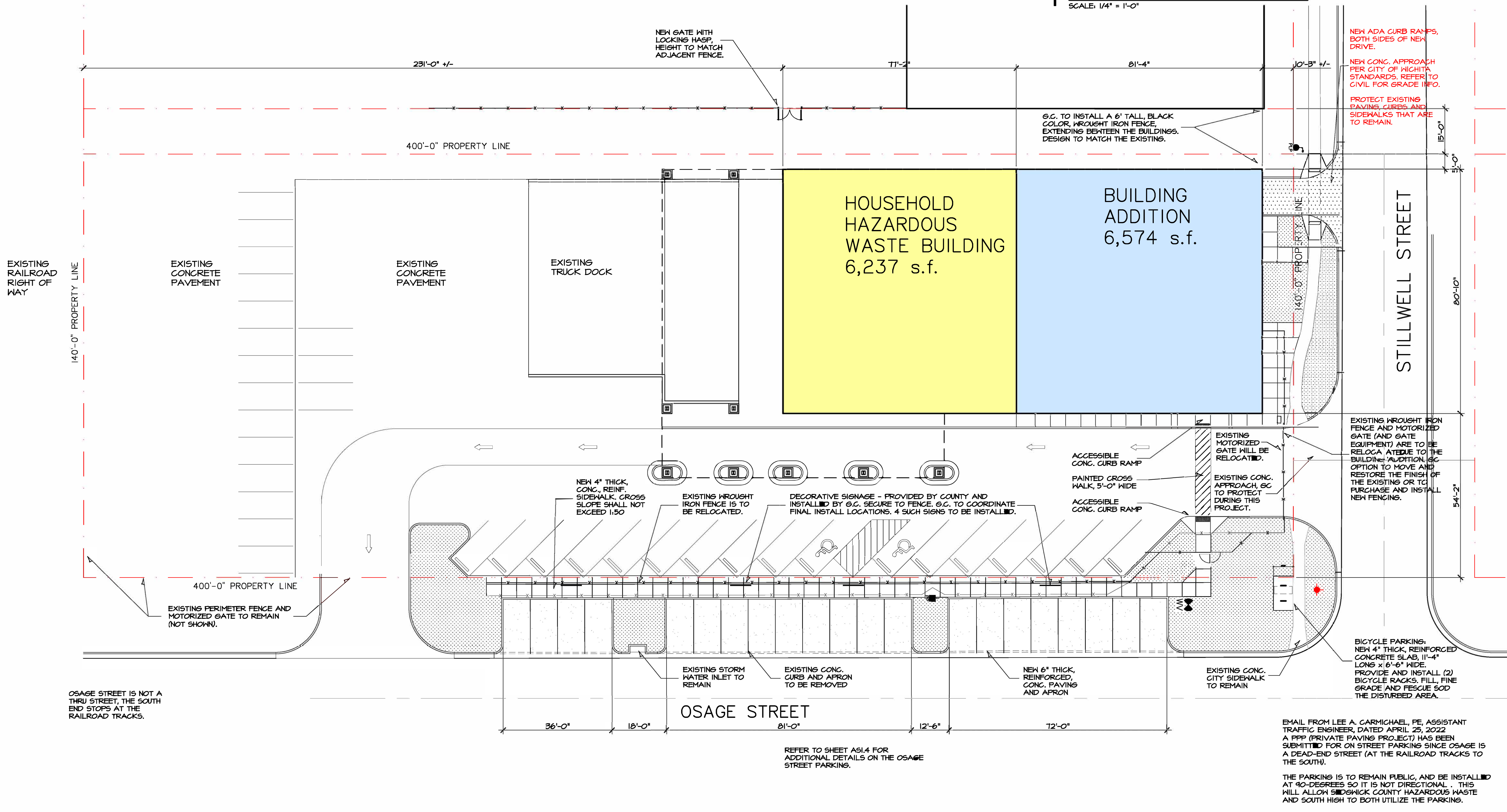
Each rack to provide a clear 30" x 72" Space.  
The bike racks shall be manufactured by:  
Urban Racks,  
936 Peace Portal Drive,  
Blaine, Washington 98230  
www.urbanracks.com  
1-888-717-8881 phone  
Model: Urban Staple



HANNEY & ASSOCIATES, ARCHITECTS  
1728 South Hillside, Wichita, Kansas, 67211  
Phone (316) 683-8985  
Fax (316) 684-1441

## 1 BICYCLE PARKING

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



**2024**  
**SEDGWICK COUNTY**  
**HAZARDOUS WASTE ADDITIONS & ALTERATIONS**  
**801 STILLWELL STREET WICHITA, KANSAS**

| DRAWINGS ISSUED |         |              |
|-----------------|---------|--------------|
| NO.             | DATE    | ITEM ISSUED  |
| 6               | 2/28/24 | ADDENDUM 1   |
| 5               | 10/10   | REVISION     |
| 4               | 8/19    | PERMIT       |
| 3               | 8/8     | 90% REVIEW   |
| 2               | 7/20    | 50% REVIEW   |
| 1               | 6/7     | CONSTRUCTION |

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DATE: AUGUST 2022  
DRAWN BY: CHECKED BY:  
MH, CH, TH MH

SHEET  
**AS1.3**  
OF SHEETS

## A SITE PLAN

SCALE: 1/16" = 1'-0"

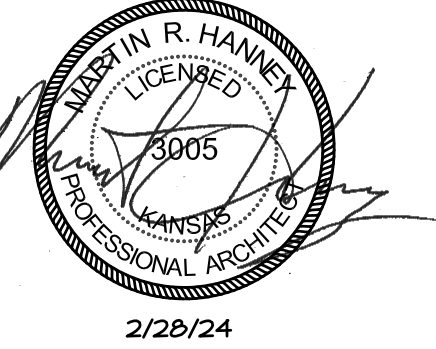


EMAIL FROM LEE A. CARMICHAEL, PE, ASSISTANT TRAFFIC ENGINEER, DATED APRIL 25, 2022  
A PPP (PRIVATE PAVING PROJECT) HAS BEEN SUBMITTED FOR ON STREET PARKING SINCE OSAGE IS A DEAD-END STREET (AT THE RAILROAD TRACKS TO THE SOUTH).

THE PARKING IS TO REMAIN PUBLIC, AND BE INSTALLED AT 90-DEGREES SO IT IS NOT DIRECTIONAL. THIS WILL ALLOW SEDGWICK COUNTY HAZARDOUS WASTE AND SOUTH HIGH TO BOTH UTILIZE THE PARKING.

REFER TO SHEET AS1.4 FOR ADDITIONAL DETAILS ON THE OSAGE STREET PARKING.

OSAGE STREET IS NOT A THRU STREET, THE SOUTH END STOPS AT THE RAILROAD TRACKS.



**HANNAY & ASSOCIATES, ARCHITECTS**  
 1728 South Hillside, Wichita, Kansas, 67211  
 Phone (316) 683-8965  
 Fax (316) 684-1441

**2024**  
**SEDGWICK COUNTY**  
 HAZARDOUS WASTE ADDITIONS & ALTERATIONS  
 801 STILLWELL STREET WICHITA, KANSAS

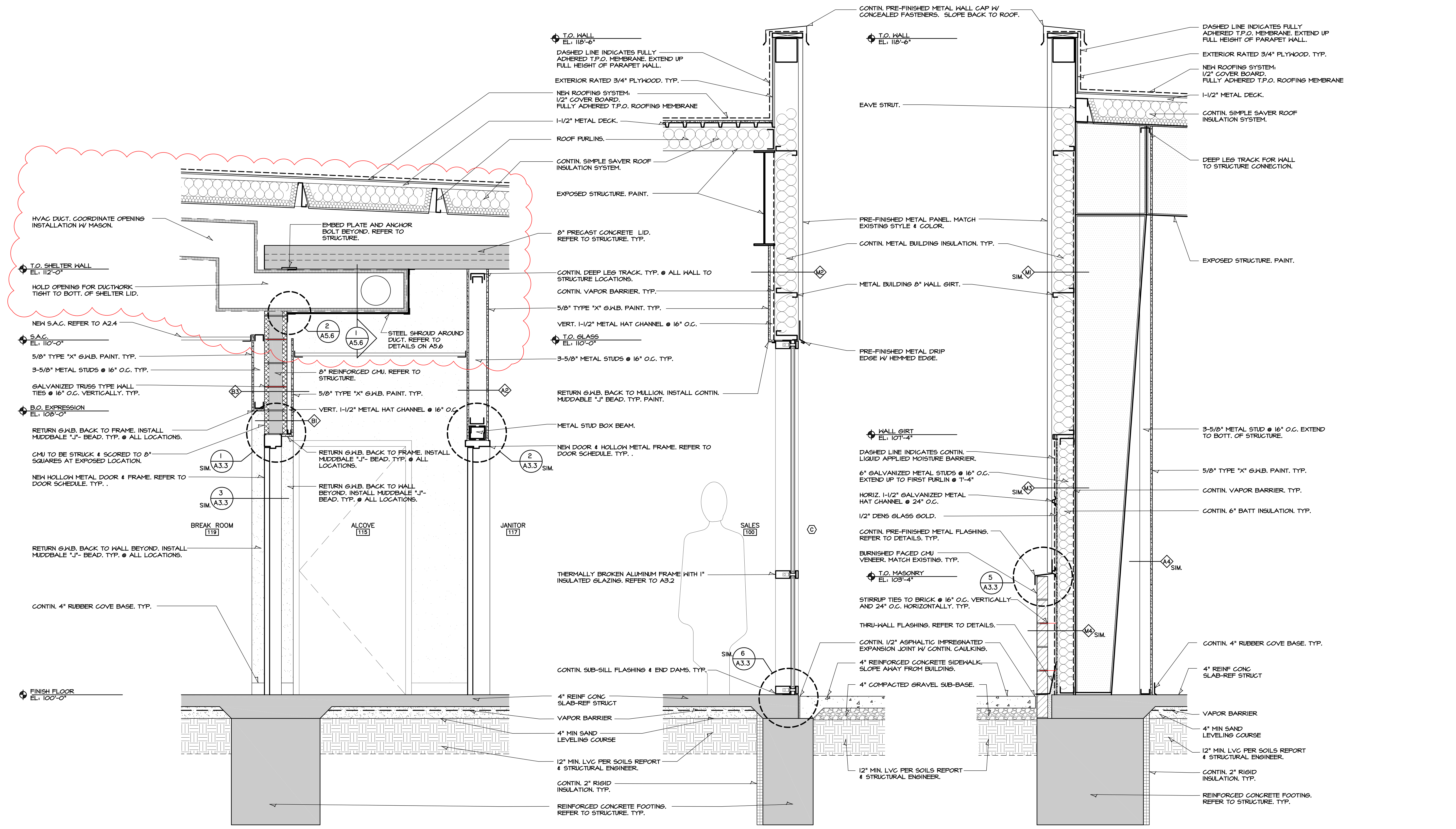
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| 3               | 8/8     | 90% REVIEW   |
| 2               | 7/20    | 50% REVIEW   |
| 1               | 6/7     | CONSTRUCTION |

**DRAWING FILE**  
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**DATE:** AUGUST 2022  
**DRAWN BY:** M4, CH, TH  
**CHECKED BY:** M4

SHEET  
A5.4  
 OF SHEETS

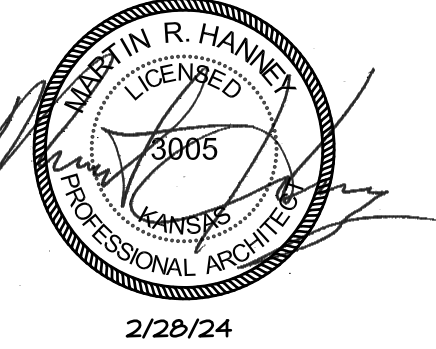
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**A WALL SECTION**  
 SCALE: 3/4" = 1'-0"

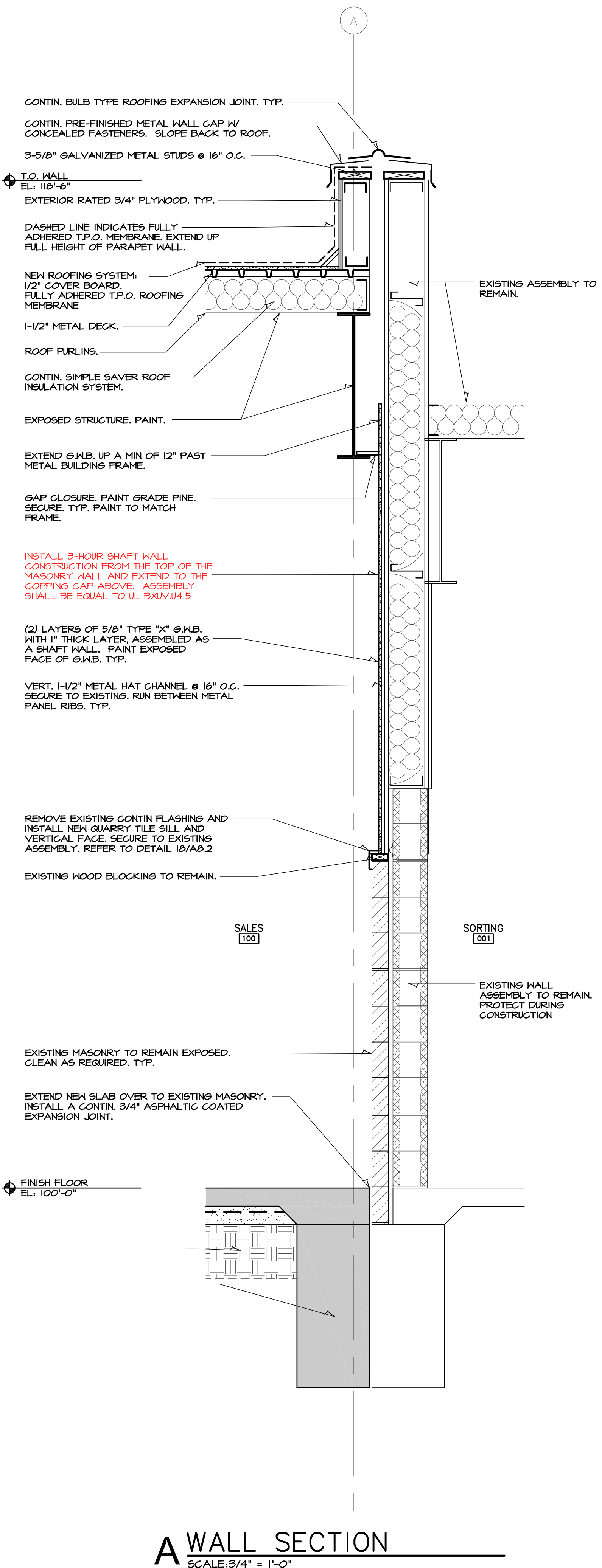
**B WALL SECTION**  
 SCALE: 3/4" = 1'-0"

**C WALL SECTION**  
 SCALE: 3/4" = 1'-0"

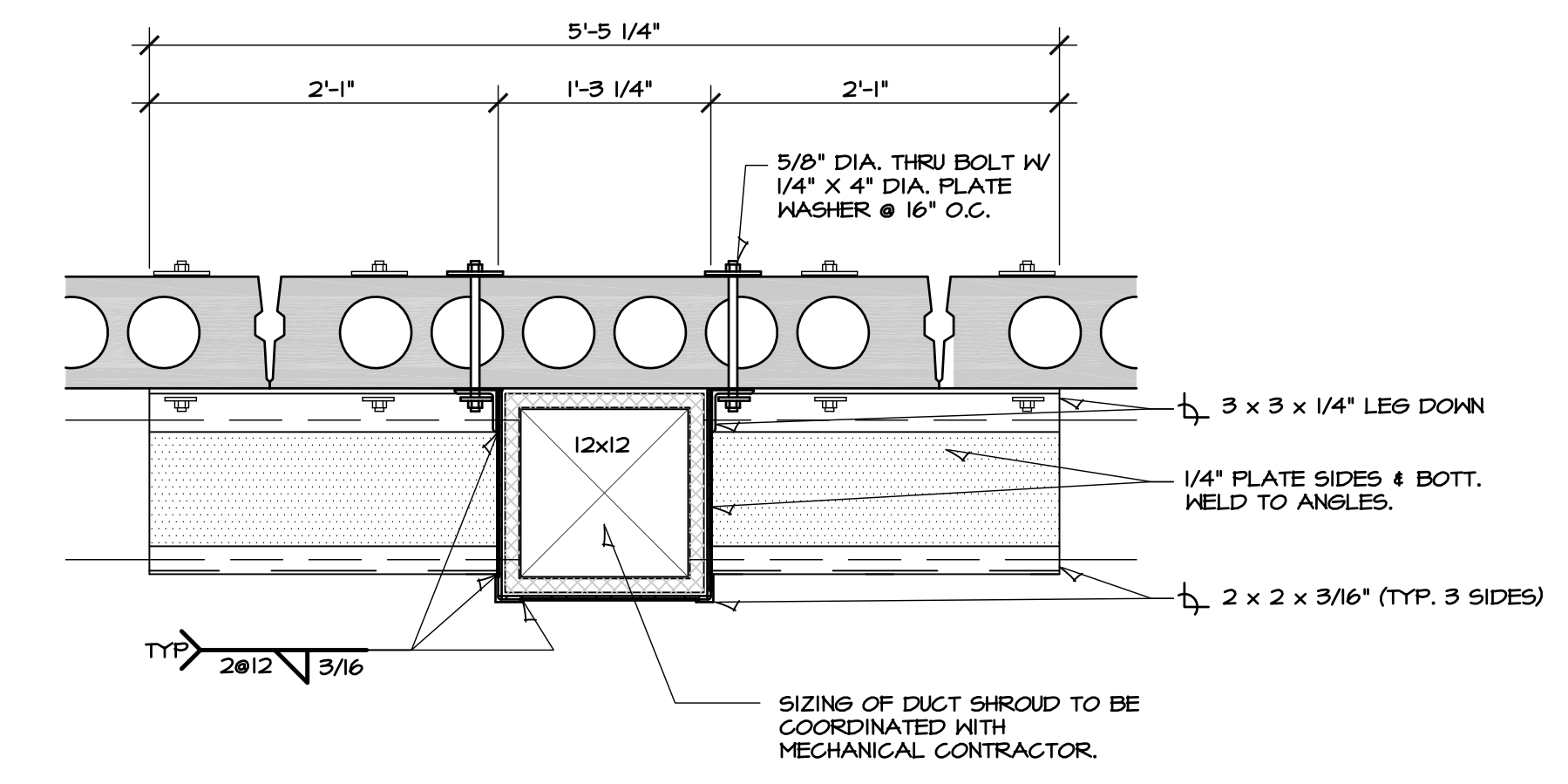


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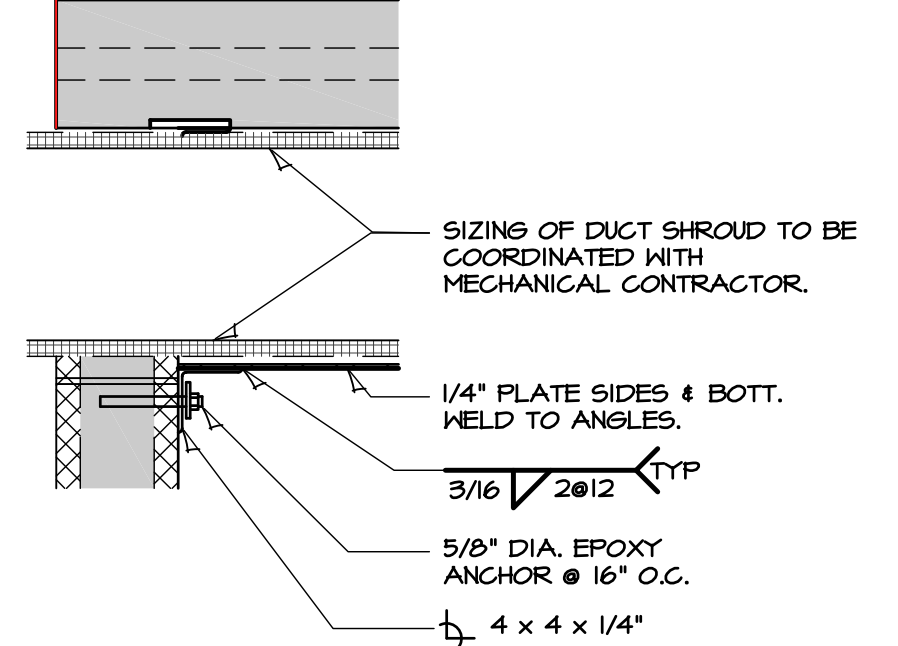
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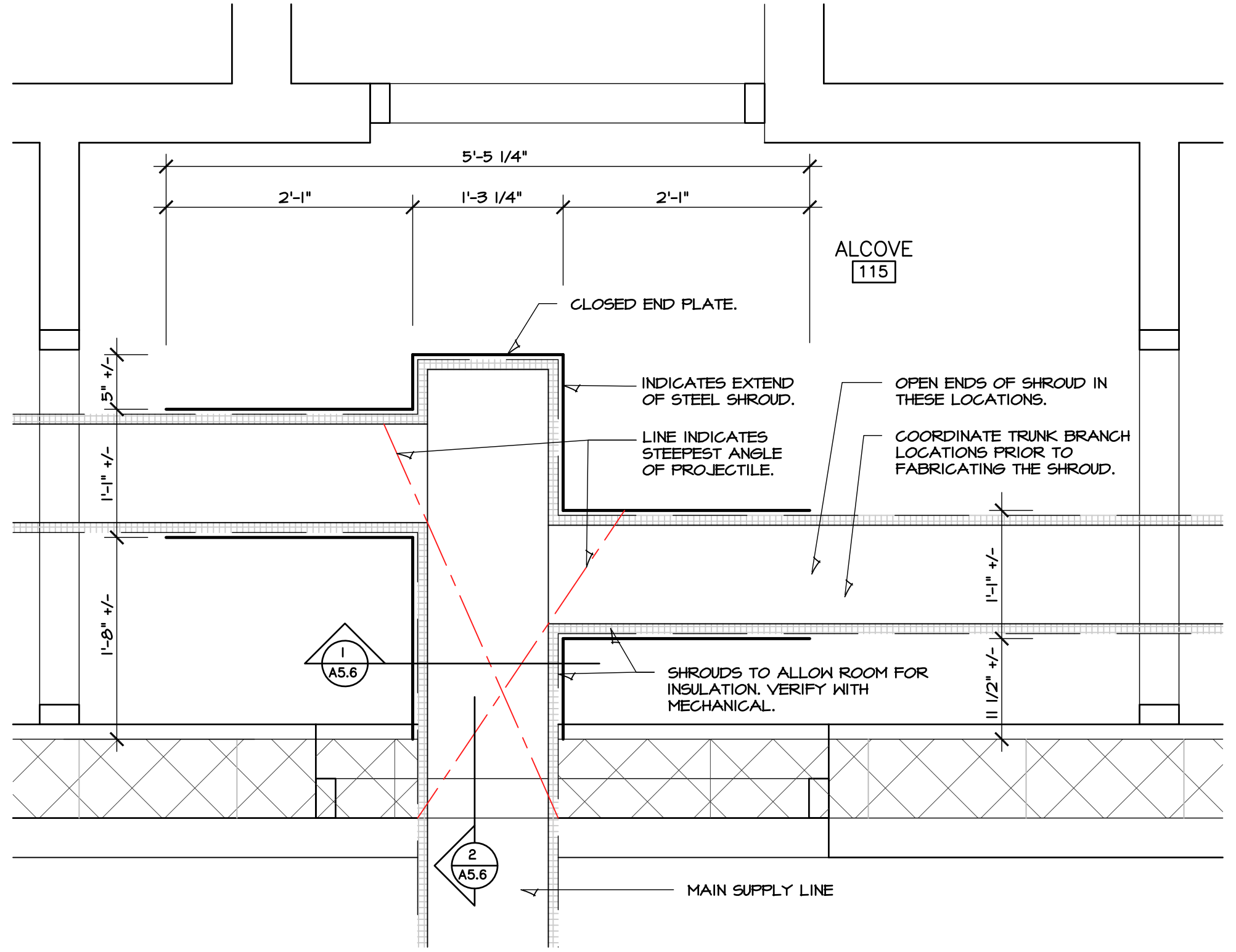
**A WALL SECTION**  
 SCALE: 3/4" = 1'-0"



**1 TYPICAL SECTION DUCT SHROUD**  
 SCALE: 1" = 1'-0"



**2 TYPICAL WALL TO SHROUD**  
 SCALE: 1" = 1'-0"



**3 DUCT SHROUD PLAN**  
 SCALE: N.T.S.

**2024**  
**SEDGWICK COUNTY**  
 HAZARDOUS WASTE ADDITIONS & ALTERATIONS  
 801 STILLWELL STREET WICHITA, KANSAS

| DRAWINGS ISSUED |         |                 |
|-----------------|---------|-----------------|
| NO.             | DATE    | ITEM ISSUED     |
| 6               | 2/28/24 | ADDENDUM 1      |
| 5               | 11/4/22 | MABCD REVISIONS |
| 4               | 8/19    | PERMIT          |
| 3               | 8/8     | 90% REVIEW      |
| 2               | 7/20    | 50% REVIEW      |
| 1               | 6/7     | CONSTRUCTION    |

DRAWING FILE  
 HHA\_LA501.dwg

DATE: AUGUST 2022  
 DRAWN BY: M4, CH, TH  
 CHECKED BY: M4

SHEET  
**A5.6**  
 OF SHEETS

**STRUCTURAL NOTES:**

- GENERAL NOTES
  - DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE
  - THE DRAWINGS AND NOTES REPRESENT THE FINISHED FOUNDATION SYSTEM ONLY, NOT THE METHOD OF CONSTRUCTION. THE PRE-ENGINEERED METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR THE ENTIRE DESIGN OF THE STEEL SUPERSTRUCTURE, ROOF, DECK, FASCIA, SUPPORT, BRACING, WALL PANELS, LATERAL SYSTEM AND RELATED WORK.
  - THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE NEW AND EXISTING STRUCTURES DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO, BRACING, SHORING FOR CONSTRUCTION LOADS AND EQUIPMENT, ETC. THE ARCHITECT-ENGINEER IS NOT RESPONSIBLE FOR THE CONTRACTORS MEANS AND METHODS, SEQUENCES OF CONSTRUCTION, OR THE SAFETY PROGRAM. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT-ENGINEER WILL NOT INVOLVE REVIEW OF THESE ITEMS.
  - DETAILS THAT ARE NOTED AT "TYP" ON DETAIL TITLES ARE TO BE APPLIED TO THE PROJECT CONSTRUCTION AS GENERAL CONSTRUCTION METHODS UNLESS NOTED OTHERWISE. THESE DETAILS ARE NOT CUT AT ALL LOCATIONS THEY OCCUR AND MAY NOT BE CUT AT ALL.
- DESIGN LOADS:
  - FOUNDATION DESIGN IS ESTIMATED BY J&S STRUCTURAL ENGINEERS. J&S STRUCTURAL ENGINEERS TO BE PROVIDED FINAL COLUMN REACTIONS FOR REVIEW PRIOR TO THE INSTALLATION OF ANY FOUNDATION SYSTEM.
- FOUNDATIONS:
  - A SITE GEOTECHNICAL REPORT HAS BEEN COMPLETED BY TERRACON CONSULTANTS LLC, DATED JULY 8, 2022 - PROJECT NO. 01225017. MINIMUM ALLOWABLE BEARING PRESSURE OF 2000 PSF WAS ASSUMED. ALL RECOMMENDATIONS AS PROVIDED IN REPORT ARE TO BE FOLLOWED.
  - A REGISTERED SOILS ENGINEER SHALL INSPECT BEARING MATERIALS BEFORE CONCRETE IS POURED. BACKFILL AGAINST ANY WALLS OR CONSTRUCTION SHALL NOT BE PLACED UNLESS THE WALLS ARE ADEQUATELY BRACED TO WITHSTAND THE LOADS IMPOSED DUE TO BACKFILLING. ALL COMPACTED FILL INSTALLATION SHALL BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER.
  - SEE GEOTECHNICAL REPORT FOR ANY ADDITIONAL OVEREXCAVATION AND SUBGRADE PREPARATION REQUIREMENTS. ALL RECOMMENDATIONS IN THE GEOTECHNICAL REPORT SHALL BE FOLLOWED UNLESS NOTED OTHERWISE.
- CONCRETE:
  - ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
    - FOOTINGS: 3000 PSI
    - FOUNDATION WALLS AND PIERS: 4000 PSI
    - EXTERIOR CONCRETE (AIR ENTRAINED): 4000 PSI
    - INTERIOR OFFICE AND DOCK SLAB: 4000 PSI
  - ALL CONCRETE EXPOSED TO FREEZING SHALL HAVE BETWEEN 5% AND 7% AIR ENTRAINMENT. NO ALUMINUM ITEMS SHALL BE EMBEDDED IN ANY CONCRETE. CHLORIDES IN ANY FORM OR CONCENTRATION SHALL NOT BE ADDED TO ANY CONCRETE.
  - MAXIMUM WATER/CEMENT RATIOS:
    - AIR ENTRAINED CONCRETE = 0.48
    - NON AIR ENTRAINED CONCRETE = 0.50
  - CHEMICAL ADMIXTURES
    - WATER-REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE A.
    - HIGH-RANGE, WATER REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE F.
  - FLOOR FLATNESS
    - DOCK SLAB OVERALL VALUES OF FLATNESS, (F) 35; AND OF LEVELNESS, (L) 25; WITH A MINIMUM LOCAL VALUE OF FLATNESS, (F) 24; AND OF LEVELNESS, (L) 17.
    - OFFICE FLOOR SLAB OVERALL VALUES OF FLATNESS, (F) 50; AND LEVELNESS, (L) 35; WITH MINIMUM LOCAL VALUES OF FLATNESS, (F) 45; AND LEVELNESS, (L) 30.
  - ALL CONCRETE OPERATIONS, INCLUDING BUT NOT LIMITED TO MIX DESIGN, MIXING, TRANSPORTING, PLACING, REINFORCING DETAILING AND PLACING, CURING, AND TESTING SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST APPLICABLE RECOMMENDATIONS OF THE ACI MANUAL OF CONCRETE PRACTICE.
- REINFORCING STEEL:
  - ALL REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60, DEFORMED.
  - ALL SMOOTH DOWELS SHALL BE ASTM A 615 GRADE 60, PLAIN-STEEL BARS.
  - UNLESS NOTED OTHERWISE, STANDARD COVERAGE OF BARS SHALL BE:
    - WHERE EARTH FORMED ..... 3 INCHES
    - CONCRETE EXPOSED TO EARTH OR WEATHER
      - NO. 6 AND LARGER ..... 2 INCHES
      - NO. 5 AND SMALLER ..... 1 1/2 INCHES
    - CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND
      - NO. 14 AND NO. 18 ..... 1 1/2 INCHES
      - NO. 11 AND SMALLER ..... 3/4 INCHES
  - BARS MARKED CONTINUOUS AND ALL VERTICAL STEEL SHALL BE LAPPED OR EMBEDDED TO DEVELOP THE FULL TENSILE CAPACITY OF THE BAR. LAPS SHALL BE CLASS B. UNLESS SHOWN OTHERWISE, SPLICE TOP BARS NEAR MIDSPAN AND SPLICE BOTTOM BARS OVER SUPPORTS.
  - AT CORNERS OF ALL WALLS AND GRADE BEAMS, SUPPLY CORNER BARS 4'-0" LONG MIN. (2'-0" IN EACH DIRECTION, OR 30 BAR DIAMETERS) IN OUTSIDE FACE OF WALL MATCHING SIZE AND SPACING OF HORIZONTAL BARS. WHERE THERE ARE NO VERTICAL BARS IN OUTSIDE FACE OF WALL, SUPPLY THREE #4 VERTICAL SUPPORT BARS FOR CORNER BARS.
  - ALL CONCRETE IS REINFORCED CONCRETE UNLESS SPECIFICALLY CALLED OUT AS UNREINFORCED. REINFORCE ALL CONCRETE NOT OTHERWISE SHOWN WITH THE SAME STEEL AS IN SIMILAR SECTIONS OR AREAS. REFER TO ACI 318-11 FOR ANY DETAILS NOT SHOWN.
  - ALL SLABS AND STAIRS NOT SHOWN OTHERWISE SHALL BE 8" THICK WITH #4 BARS AT 6" O.C. EACH WAY. ALL EXTERIOR PORCHES AND STOOPS NOT OTHERWISE DETAILED MAY BE CONSTRUCTED IN ANY STANDARD MANNER, SOLID OR HOLLOW, BUT MUST BE REINFORCED WITH #4 BARS AT 12" O.C. EACH WAY MIN. PORCHES SHALL BE DOWELED TO ADJACENT WALLS OR GRADE BEAMS WITH #4 BARS AT 12" O.C. HOOKED OR EMBEDDED 30 DIAMETERS INTO BOTH MEMBERS. SLOPE PORCHES 1/8" PER FOOT FOR DRAINAGE UNLESS NOTED OTHERWISE.
  - ACCESSORIES SHALL BE AS SPECIFIED IN LATEST EDITION OF CRSI DESIGN HANDBOOK. MAXIMUM ACCESSORY SPACING SHALL BE 4'-0" O.C.
  - AT ALL HOLES IN CONCRETE WALLS AND SLABS, ADD TWO #5 BARS (OPENING DIMENSION PLUS 3'-0" LONG EACH WAY) AT EACH OF FOUR SIDES AND ADD TWO #5 x 5'-0" DIAGONALLY AT EACH OF THE FOUR CORNERS OF THE HOLE. IN 8" WALL OPENINGS REINFORCE SAME, BUT ONE #5 INSTEAD OF TWO #5'S, RESPECTIVELY. PROVIDE TWO #4x4'-0" LONG DIAGONAL BARS CENTERED IN SLAB AT ALL RE-ENTRANT CORNERS.
  - SUPPORT FOOTING AND SLAB REINF W/ CONCRETE BRICKS PLACED ON SUBGRADE. DO NOT USE VERTICAL REBAR DRIVEN INTO GROUND.
- HEADED ANCHOR RODS
  - ANCHOR RODS SHALL BE EITHER HEADED OR ALL THREAD WITH A NUT TACK WELDED TO THE ROD AND A PLATE WASHER TACK WELDED TO THE NUT.
  - ANCHOR RODS SHALL BE ASTM F 1554 GRADE 36 STRAIGHT.
  - NUTS SHALL BE ASTM A 563 HEAVY HEX CARBON STEEL
  - PLATE WASHERS SHALL BE ASTM A 36 CARBON STEEL. WASHERS SHALL BE ASTM F 436 HARDENED CARBON STEEL.
- SPECIAL INSPECTIONS:
  - IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE, SECTION 1704, AS NOTED BELOW, TESTING AND INSPECTION SHALL BE BY AN INDEPENDENT TESTING/INSPECTION FIRM, UNDER THE SUPERVISION OF A LICENSED ENGINEER EMPLOYED BY THAT FIRM AND LICENSED IN THE STATE OF THE PROJECT. THE BASIS FOR WELDING INSPECTOR QUALIFICATION SHALL BE AWS D1.1
  - SPECIAL INSPECTION IS TO BE PROVIDED IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE LOCAL DEPARTMENT OF BUILDING SAFETY AND SHALL NOT BE CONSTRUED TO RELIEVE THE OWNER OR HIS AUTHORIZED AGENT FROM REQUESTING THE PERIODIC AND CALLED INSPECTION REQUIRED BY THE 2018 INTERNATIONAL BUILDING CODE.
  - CONCRETE: PROVIDE PERIODIC INSPECTION OF REINFORCING STEEL, CONTINUOUS INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE, PERIODIC INSPECTION OF USE OF REQUIRED DESIGN MIX, CONTINUOUSLY SAMPLE FRESH CONCRETE FOR SPECIMENS FOR TEMPERATURE AND STRENGTH, SLUMP AND AIR CONTENT TESTS, CONTINUOUSLY INSPECT PROPER APPLICATION TECHNIQUES, PERIODIC INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUE, PERIODIC INSPECTION OF FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS.
  - GRADING, EXCAVATION AND FILLING: PERIODIC INSPECTIONS TO VERIFY MATERIALS BELOW FOOTING ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. EXCAVATIONS ARE EXTENDED TO PROPER DEPTHS AND HAVE REACHED PROPER MATERIAL. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS AND PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY. PROVIDE CONTINUOUS INSPECTION TO VERIFY THE USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.
  - THE INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN IT CONFORMS WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
  - THE INSPECTOR SHALL FURNISH DAILY INSPECTION REPORTS ON THE WORK TO THE BUILDING OFFICIAL AND TO THE ENGINEER OF RECORD FOR CONFORMANCE TO THE CONTRACT DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND, IF UNCORRECTED, TO THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.
  - THE TESTING/INSPECTION FIRM'S ENGINEER SHALL COMPLETE, SIGN AND SEAL A FINAL REPORT CERTIFYING THAT TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

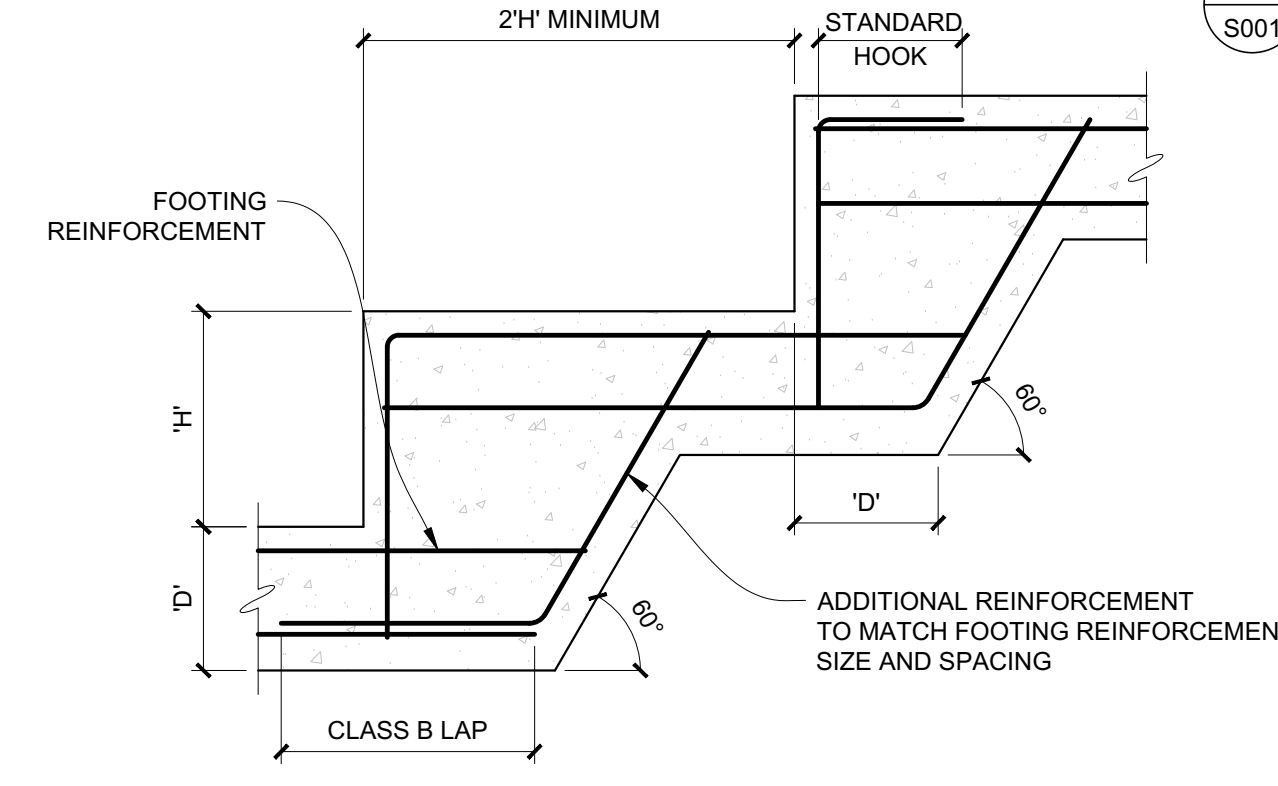
**ABBREVIATIONS:**

|         |                    |       |   |
|---------|--------------------|-------|---|
| ARCH    | ARCHITECT          | JT    | JOINT                                     |
| BPL     | BASEPLATE          | K     | KIPS = 1,000 LBS                          |
| BTW     | BETWEEN            | L     | LONGITUDINAL                              |
| BOTT    | BOTTOM             | LLH   | LONG LEG HORIZONTAL                       |
| BOTT OF | BOTTOM OF          | LLV   | LONG LEG VERTICAL                         |
| BOP     | BOTTOM OF PIER     | MATL  | MATERIAL                                  |
| CIP     | CAST-IN-PLACE      | MBM   | METAL BUILDING MANUFACTURER               |
| CL      | CENTERLINE         | MIN   | MINIMUM                                   |
| CLR     | CLEAR              | OC    | ON CENTER                                 |
| COL     | COLUMN             | PEMB  | PRE-ENGINEERED METAL BUILDING (BY OTHERS) |
| COMP    | COMPRESSIBLE       | PL    | PLATE                                     |
| CONC    | CONCRETE           | LB    | POUND                                     |
| CONT    | CONTINUOUS         | PSF   | POUNDS PER SQUARE FEET                    |
| CJ      | CONTROL JOINT      | REF   | REFERENCE                                 |
| CSJ     | CONSTRUCTION JOINT | REINF | REINFORCEMENT                             |
| DIM     | DIMENSION          | REQ'D | REQUIRED                                  |
| EA      | EACH               | SCHED | SCHEDULE                                  |
| EF      | EACH FACE          | SPA   | SPACE                                     |
| EJ      | EXPANSION JOINT    | SQ    | SQUARE                                    |
| ELEV    | ELEVATION          | STD   | STANDARD                                  |
| EMBED   | EMBEDMENT          | STL   | STEEL                                     |
| EOS     | EDGE OF SLAB       | T&B   | TOP AND BOTTOM                            |
| EQ      | EQUAL              | TO    | TOP OF                                    |
| EW      | EACH WAY           | TOGB  | TOP OF GRADE BEAM                         |
| EXP     | EXPANSION          | TOP   | TOP OF PIER                               |
| FF      | FINISH FLOOR       | TOTB  | TOP OF TIE BEAM                           |
| FND     | FOUNDATION         | TOW   | TOP OF WALL                               |
| FTG     | FOOTING            | TRANS | TRANSVERSE                                |
| GALV    | GALVANIZED         | TYP   | TYPICAL                                   |
| GB      | GRADE BEAM         | UNO   | UNLESS NOTED OTHERWISE                    |
| HS      | HEADED STUD        | VERT  | VERTICAL                                  |
| HORIZ   | HORIZONTAL         | WWR   | WELDED WIRE REINFORCEMENT                 |
| IJ      | ISOLATION JOINT    |       |   |
| INFO    | INFORMATION        |       |   |

| BAR SIZE | FOOTING OR GRADE BEAM | WALL (VERTICAL) | WALL (HORIZONTAL) | SLAB  |
|----------|-----------------------|-----------------|-------------------|-------|
| #3       | -                     | 1'-8"           | 1'-8"             | 1'-8" |
| #4       | 1'-8"                 | 1'-8"           | 2'-0"             | 1'-8" |
| #5       | 1'-8"                 | 1'-8"           | 2'-5"             | 1'-8" |
| #6       | 2'-2"                 | 2'-2"           | 3'-1"             | 2'-2" |
| #7       | 3'-0"                 | 3'-0"           | 4'-3"             | 3'-0" |
| #8       | -                     | -               | -                 | -     |
| #9       | -                     | -               | -                 | -     |
| #10      | -                     | -               | -                 | -     |
| #11      | -                     | -               | -                 | -     |

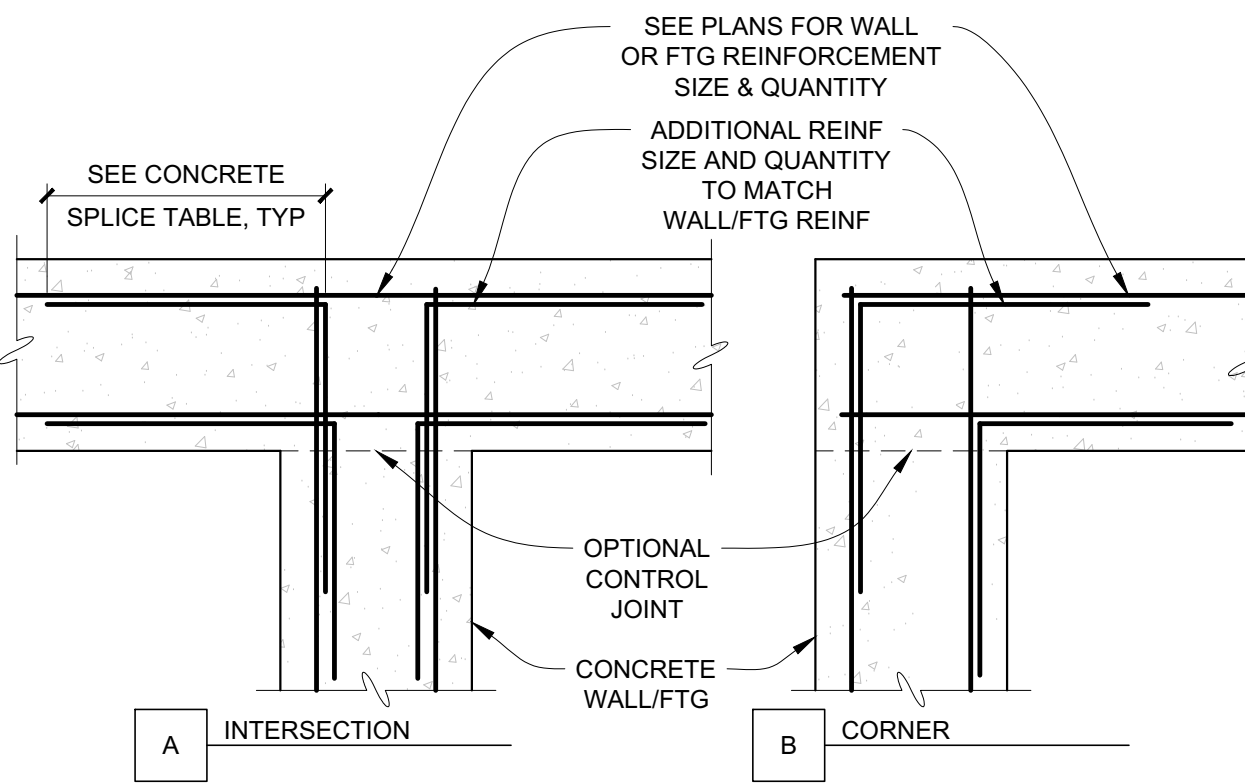
| BAR SIZE | REINFORCING STEEL |              |              | THREADED ROD ANCHORS |                         |
|----------|-------------------|--------------|--------------|----------------------|-------------------------|
|          | Pc=3,000 psi      | Pc=3,500 psi | Pc=4,000 psi | ANCHOR DIAMETER      | MINIMUM EMBEDMENT DEPTH |
| #3       | 3 1/2"            | 3"           | 2 3/4"       | 3/8"                 | 5 1/4"                  |
| #4       | 5"                | 4 3/4"       | 4 1/4"       | 1/2"                 | 6 3/8"                  |
| #5       | 6 1/4"            | 5 3/4"       | 5 1/4"       | 5/8"                 | 7 1/2"                  |
| #6       | 7 1/2"            | 7"           | 6 1/2"       | 3/4"                 | 10"                     |
| #7       | 9"                | 8 1/2"       | 7 3/4"       | 7/8"                 | 11 1/4"                 |
| #8       | 10 1/2"           | 9 3/4"       | 9"           | 1"                   | 12 1/2"                 |
| #9       | 11 1/2"           | 10 3/4"      | 10"          | 1 1/4"               | 15"                     |
| #10      | 13 1/2"           | 13"          | 12"          | 1 1/4"               | 18"                     |

- NOTES:
- CONTRACTOR HAS THE OPTION TO EPOXY DOWELS AS AN ALTERNATE TO HOOKED OR CAST-IN-PLACE DOWELS WHERE NOTED ON DETAILS.
  - SEE GENERAL STRUCTURAL NOTES FOR APPROVED EPOXY.



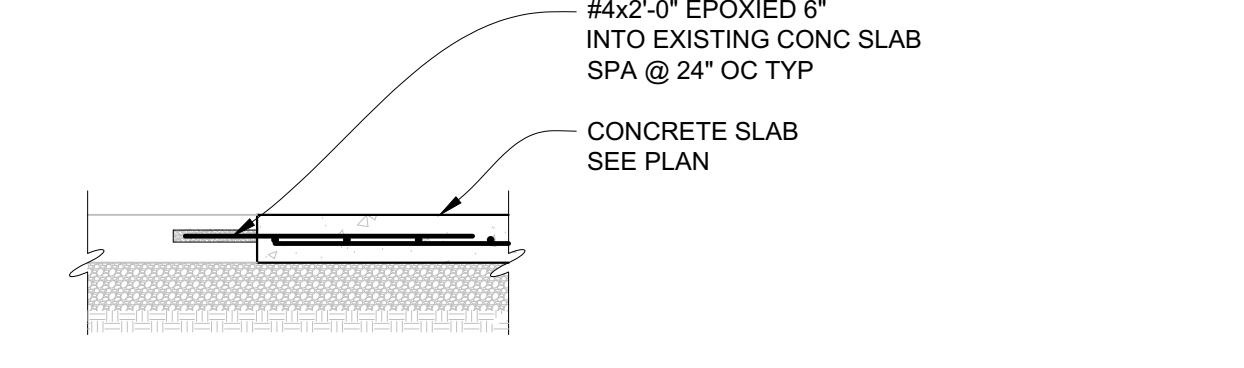
- NOTES:
- FOR FOOTING ELEVATION, DEPTH AND REINFORCEMENT SEE PLANS
  - TOP REINFORCEMENT WHERE OCCURS SEE PLANS AND TYPICAL DETAILS.

42 S001 NO SCALE

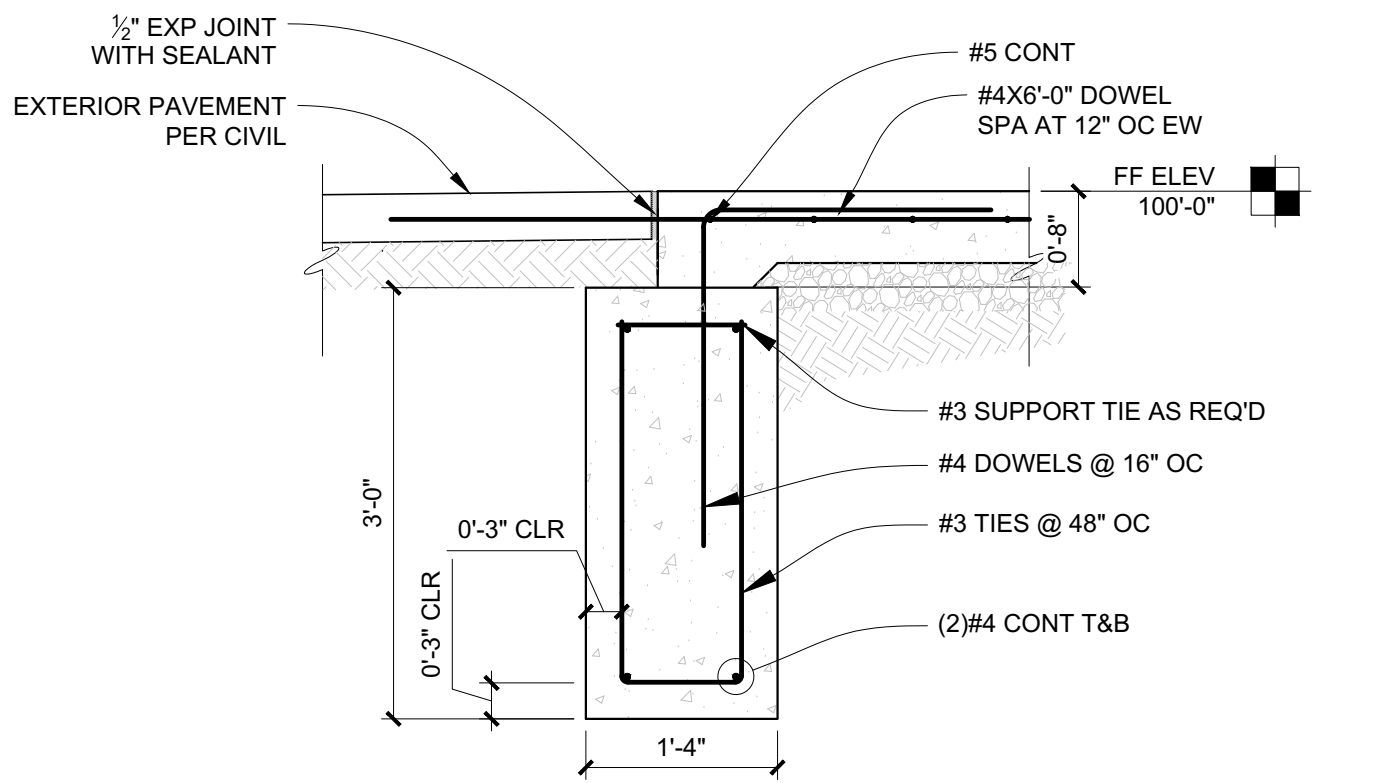


- NOTES:
- SEE CONCRETE SPLICE LENGTH TABLE FOR SPLICE REQUIREMENTS.
  - ADDITIONAL REINFORCEMENT REQUIRED AT TOP AND BOTTOM OF FTG.

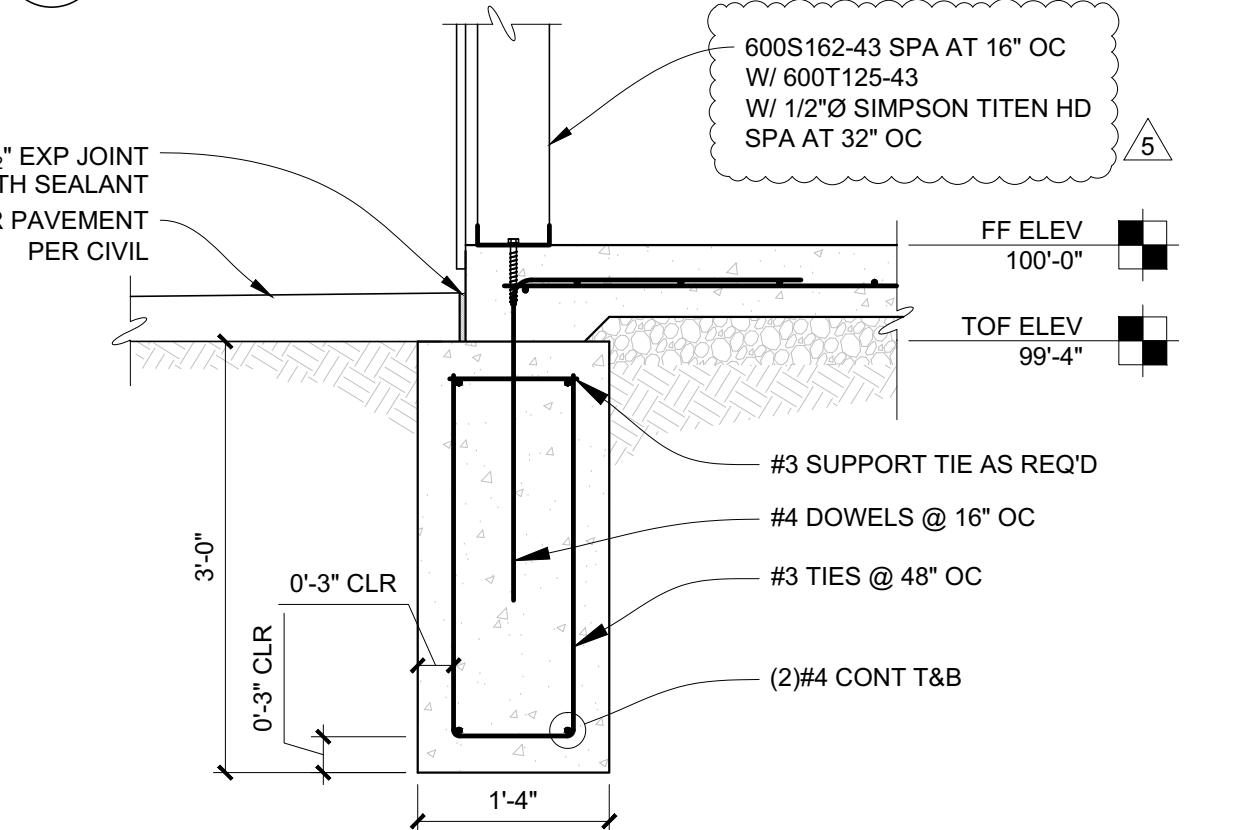
13 S001 NO SCALE



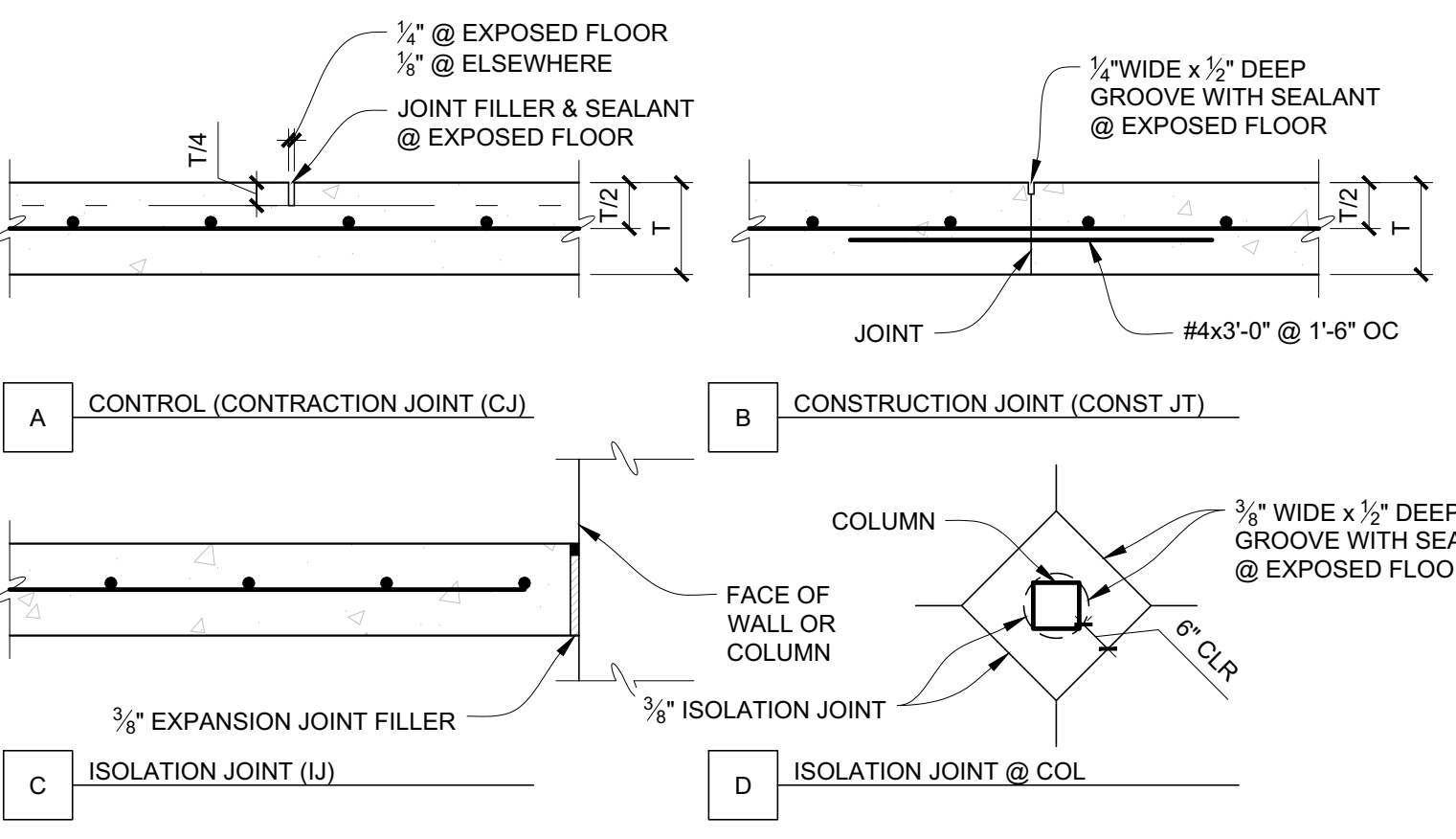
14 S100 NO SCALE



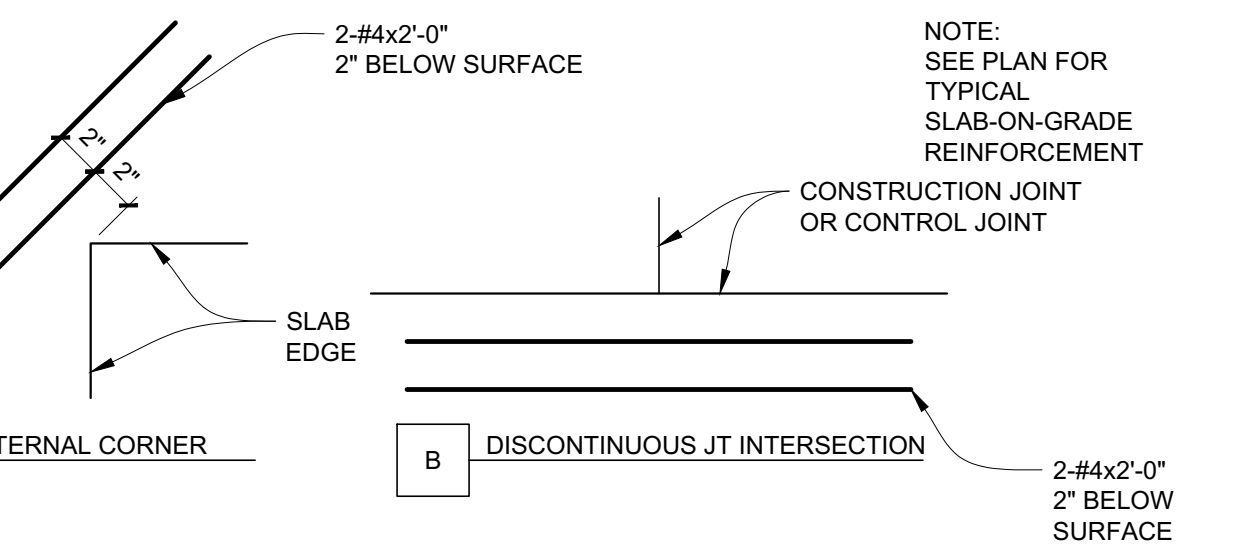
23 S001 3/4" = 1'-0"



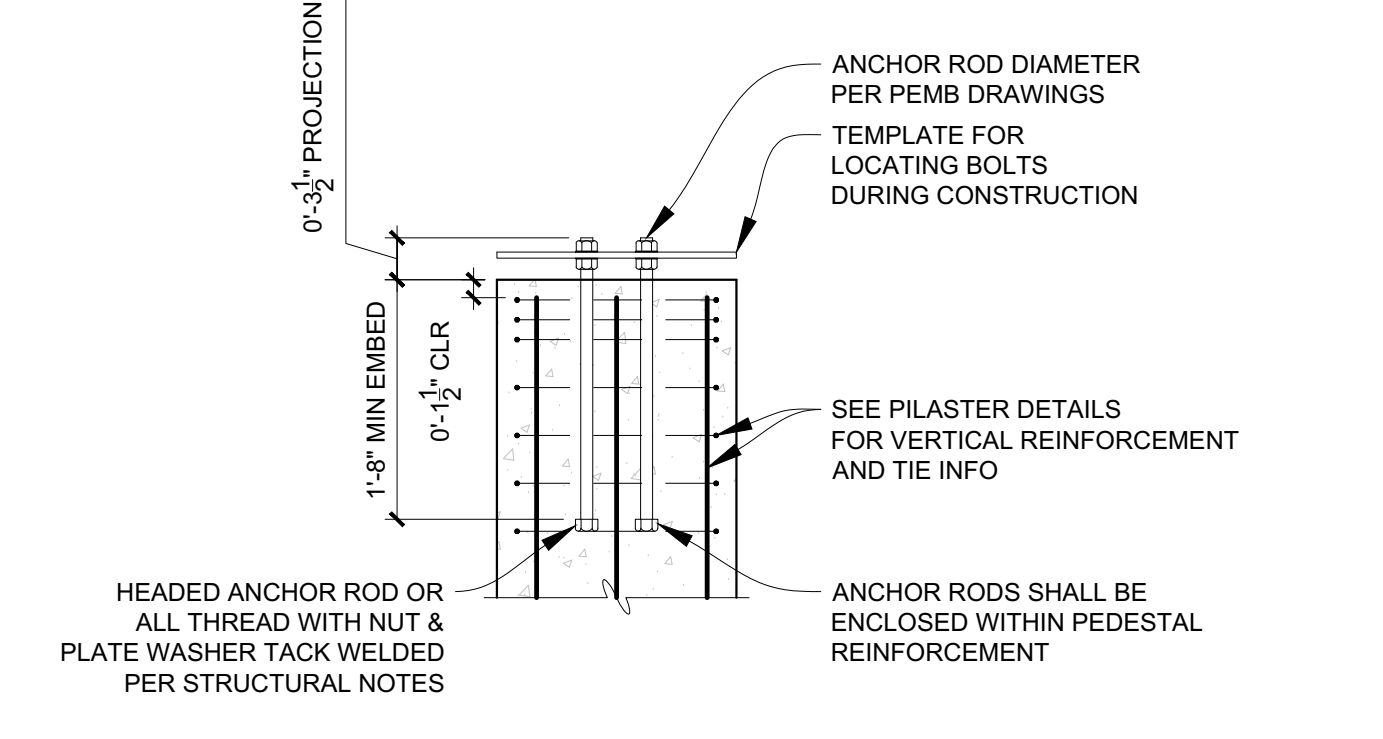
24 S001 3/4" = 1'-0"



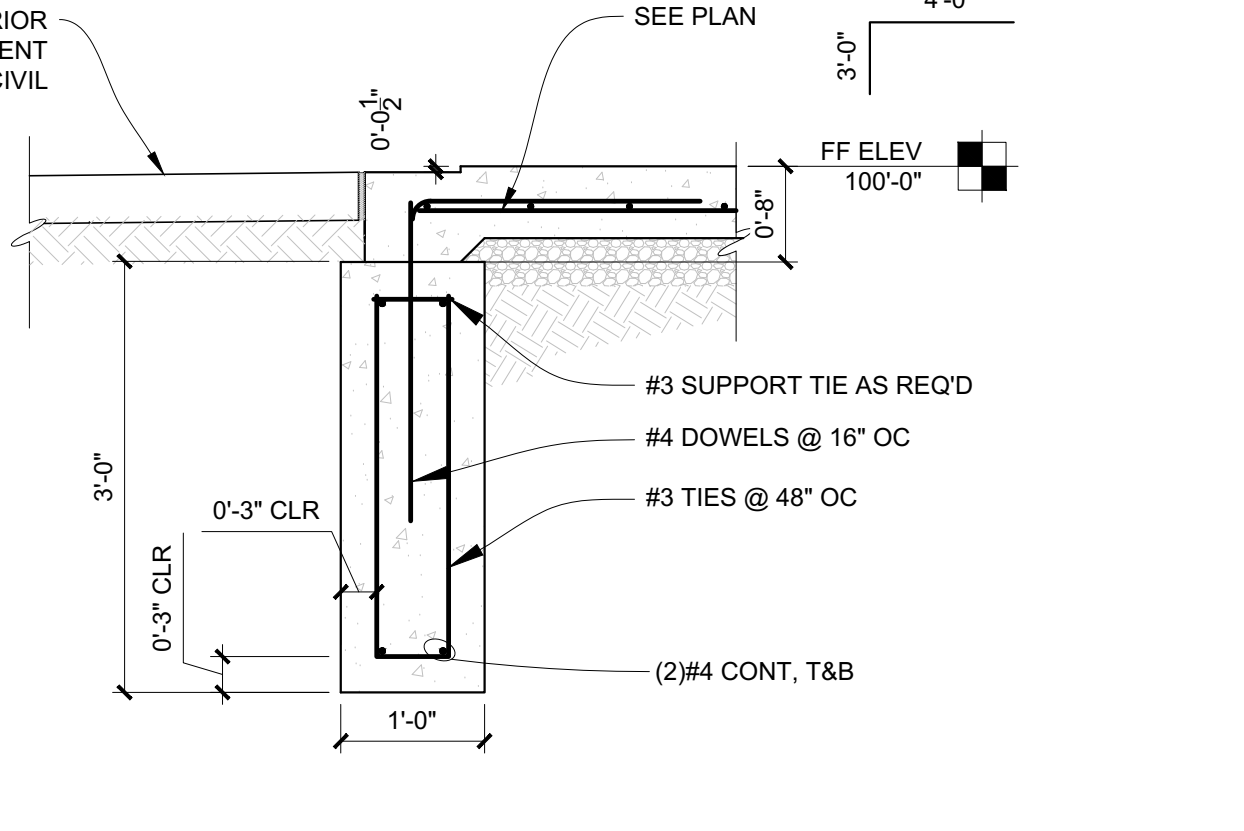
33 S001 NO SCALE



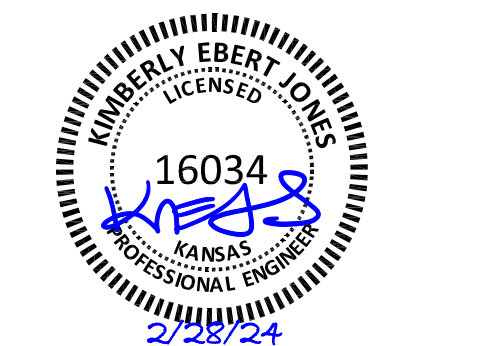
34 S001 NO SCALE



43 S001 3/4" = 1'-0"



44 S001 3/4" = 1'-0"



HANNEY & ASSOCIATES, ARCHITECTS  
1726 South Hillside, Wichita, Kansas, 67211  
Phone (316) 683-6965  
Fax (316) 684-1441

**2024**  
**SEDGWICK COUNTY**  
**HAZARDOUS WASTE ADDITIONS & ALTERATIONS**  
**801 STILLWELL STREET WICHITA, KANSAS**

| NO. | DATE | ITEM           | ISSUED |
|-----|------|----------------|--------|
| 5   | 2/28 | DESIGN CHANGES |        |
| 4   | 8/19 | PERMIT         |        |
| 3   | 8/8  | 90% REVIEW     |        |
| 2   | 7/20 | 50% REVIEW     |        |
| 1   | 6/7  | CONSTRUCTION   |        |

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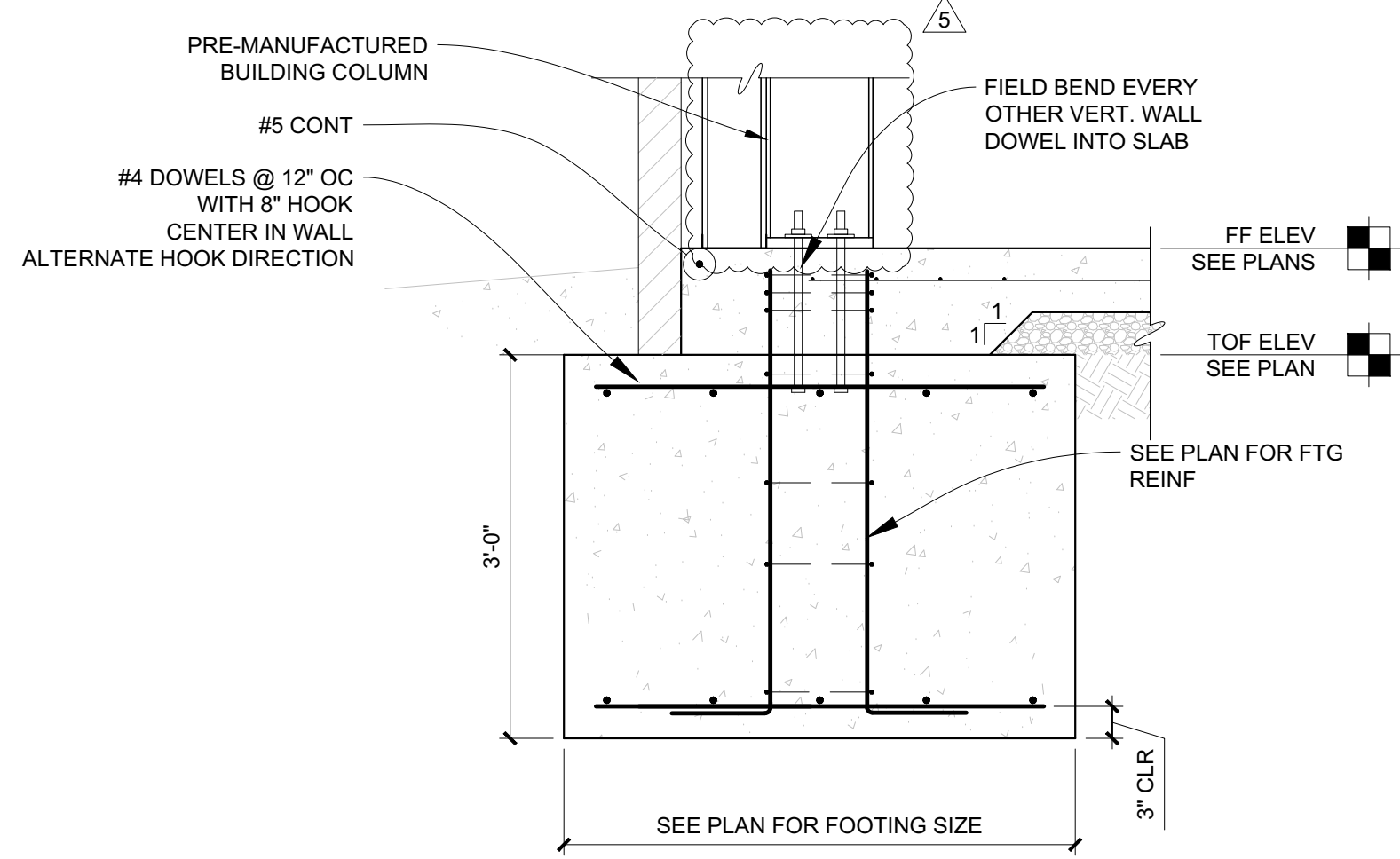
DATE: AUGUST 2022  
DRAWN BY: KWF CHECKED BY: KEJ

SHEET

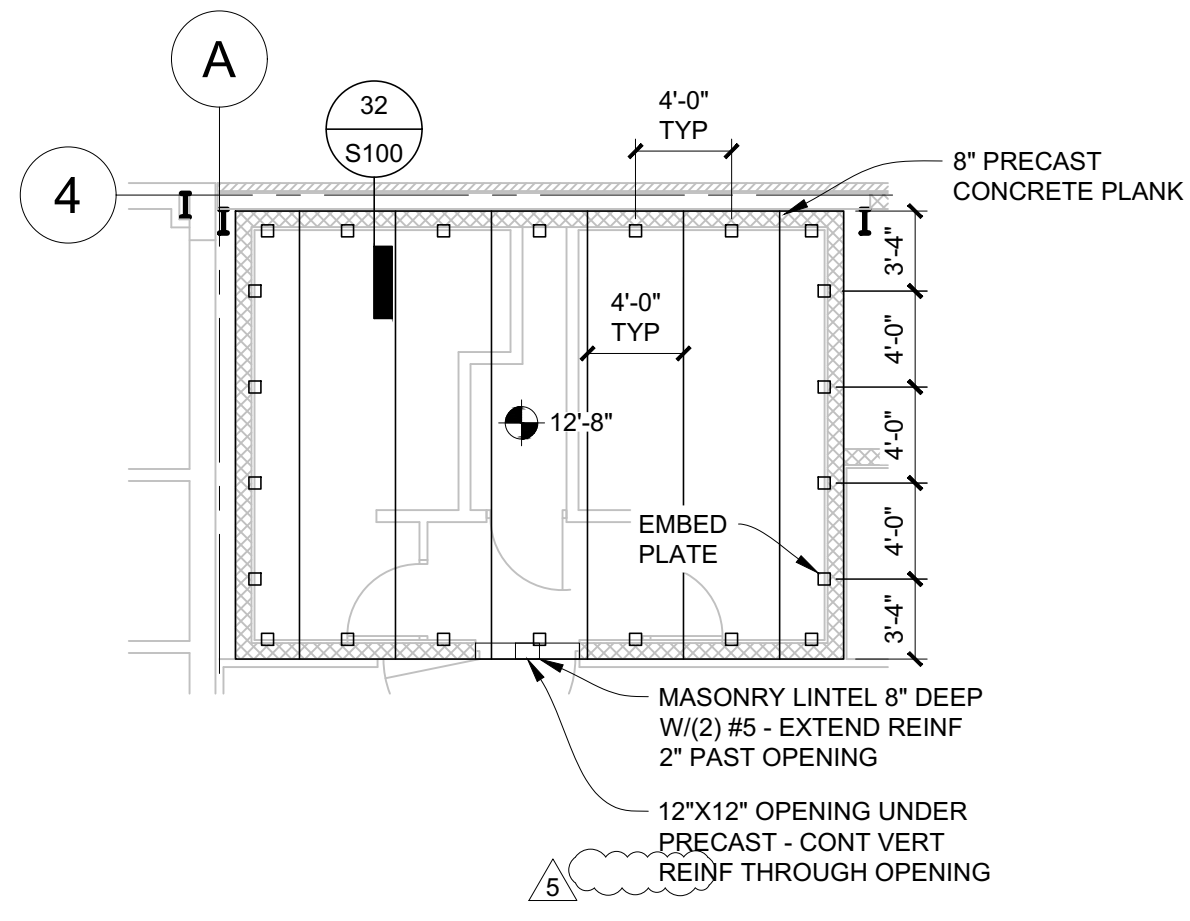
**S001**

1 OF 3 SHEETS

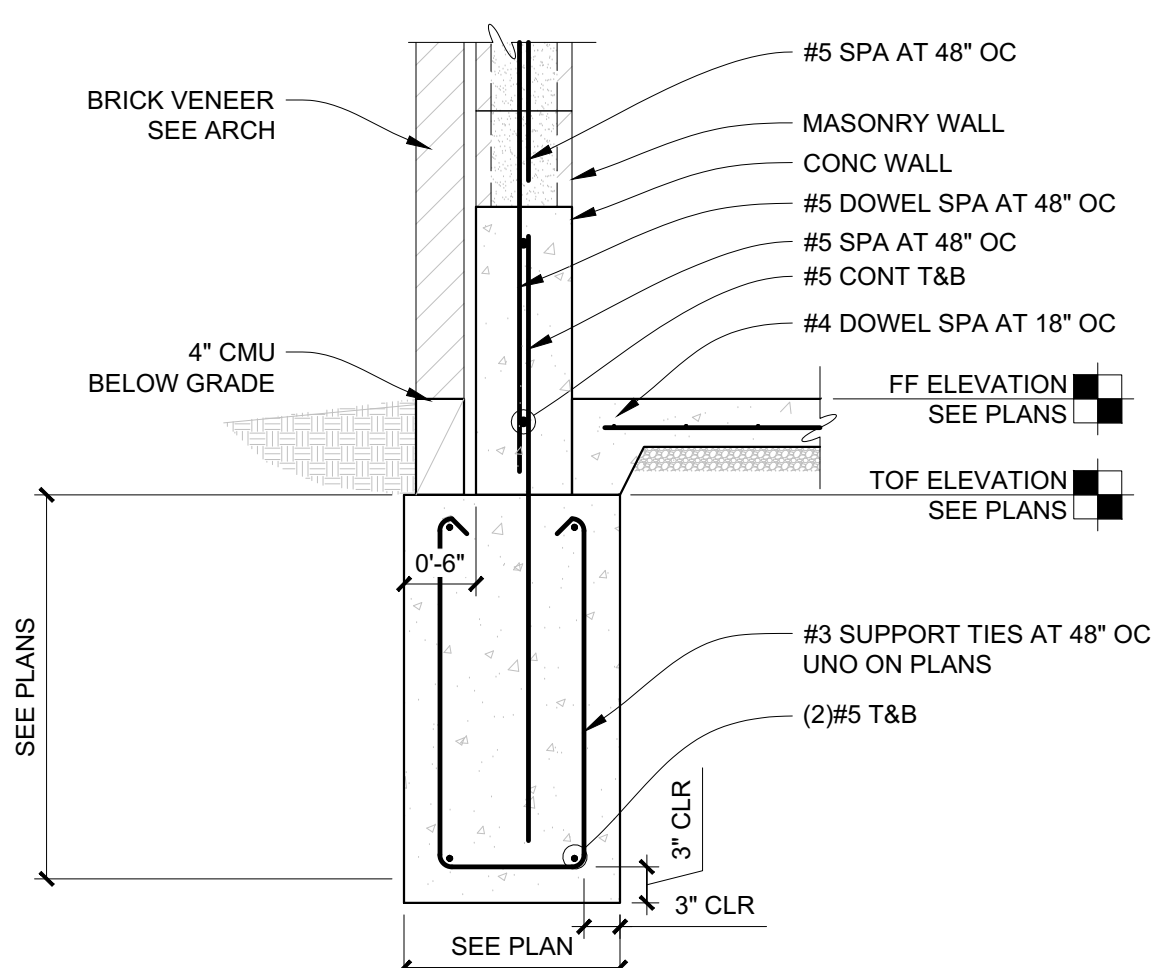




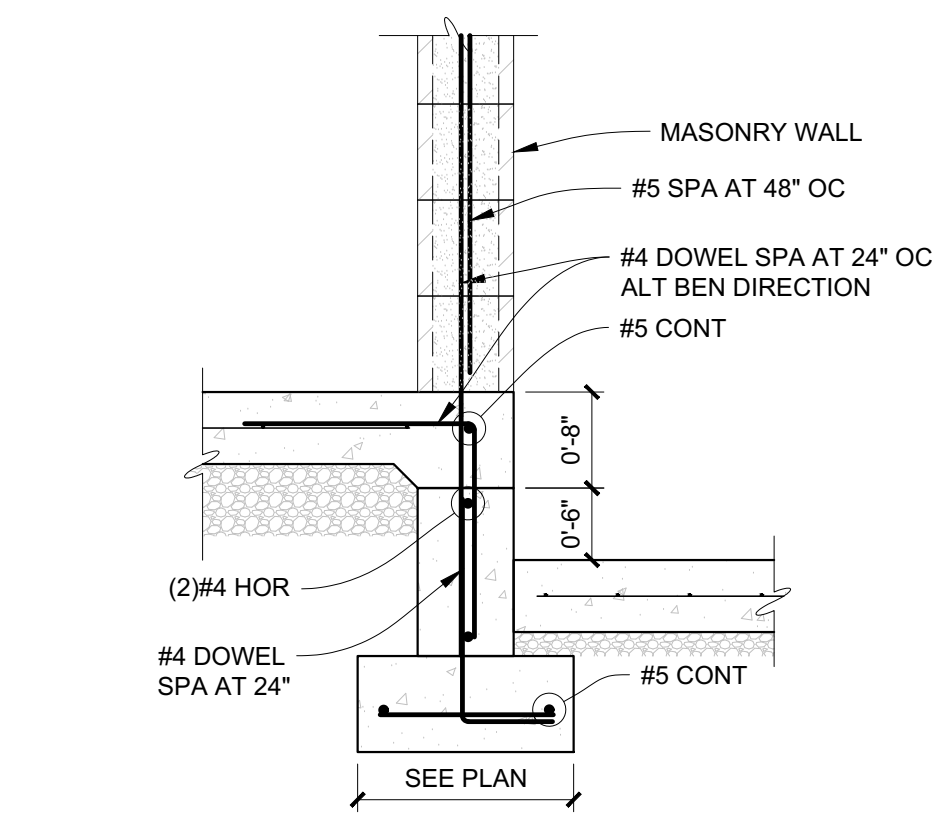
**11 TYP EXT COL FTG DETAIL**  
S100 3/4" = 1'-0"



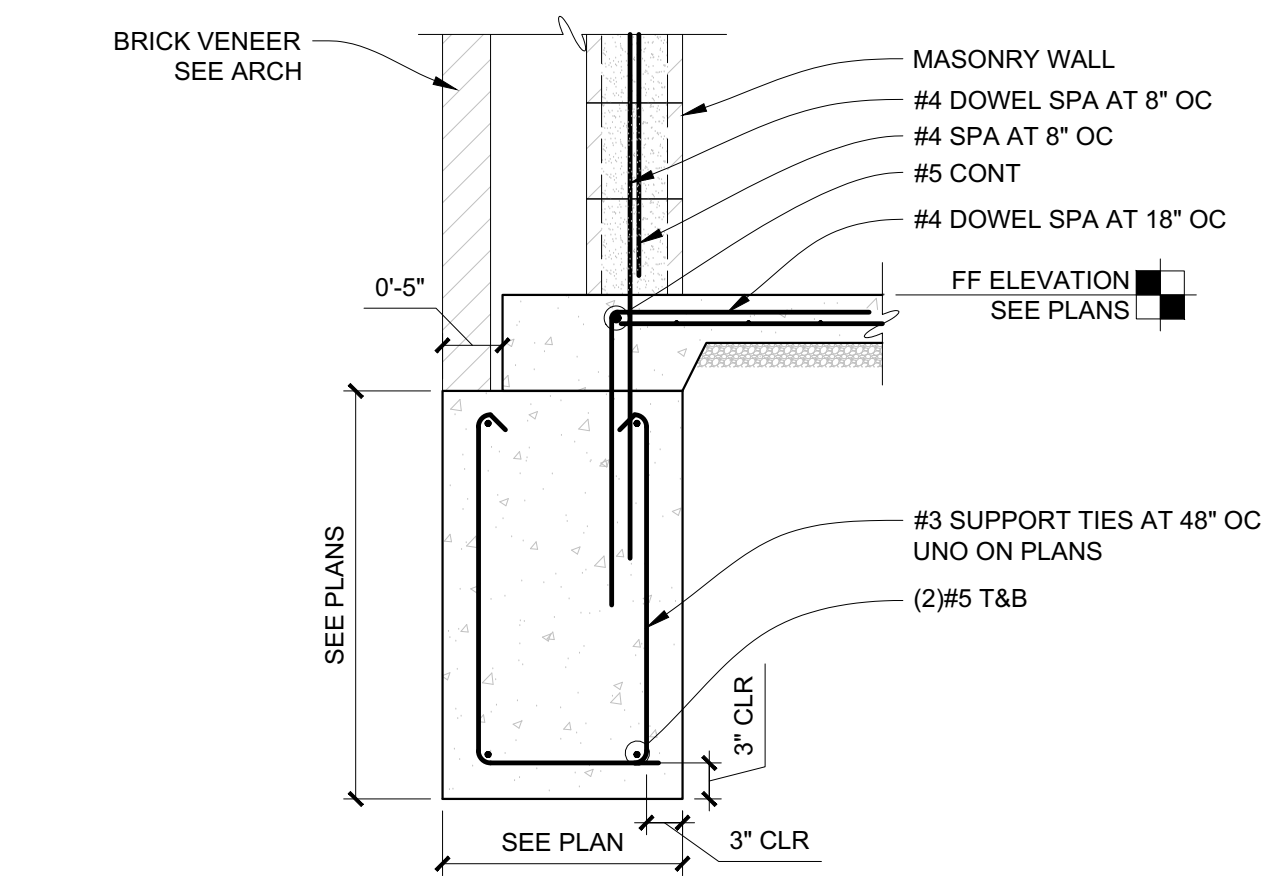
**SHELTER LID PLAN**  
1/8" = 1'-0"



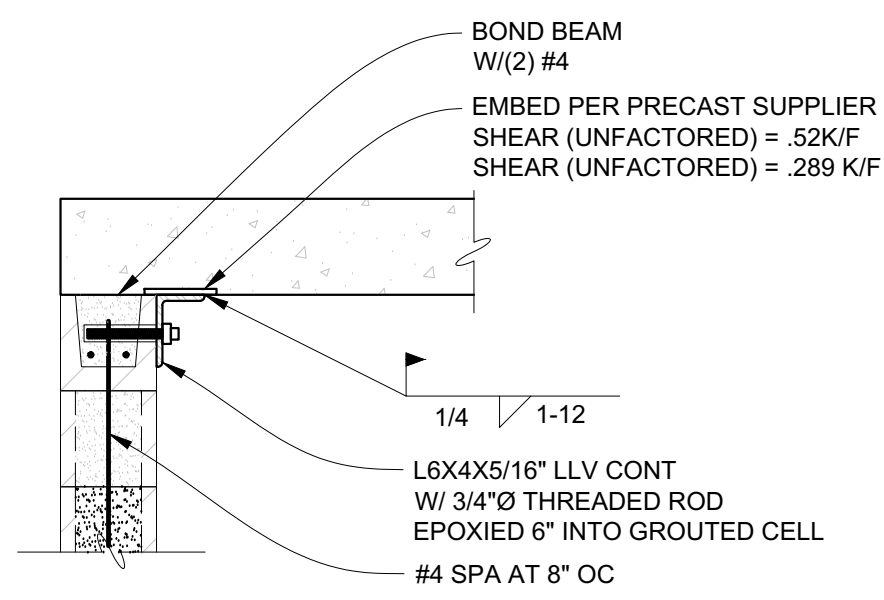
**21 TYP MASONRY WALL FOOTING**  
S100 NO SCALE



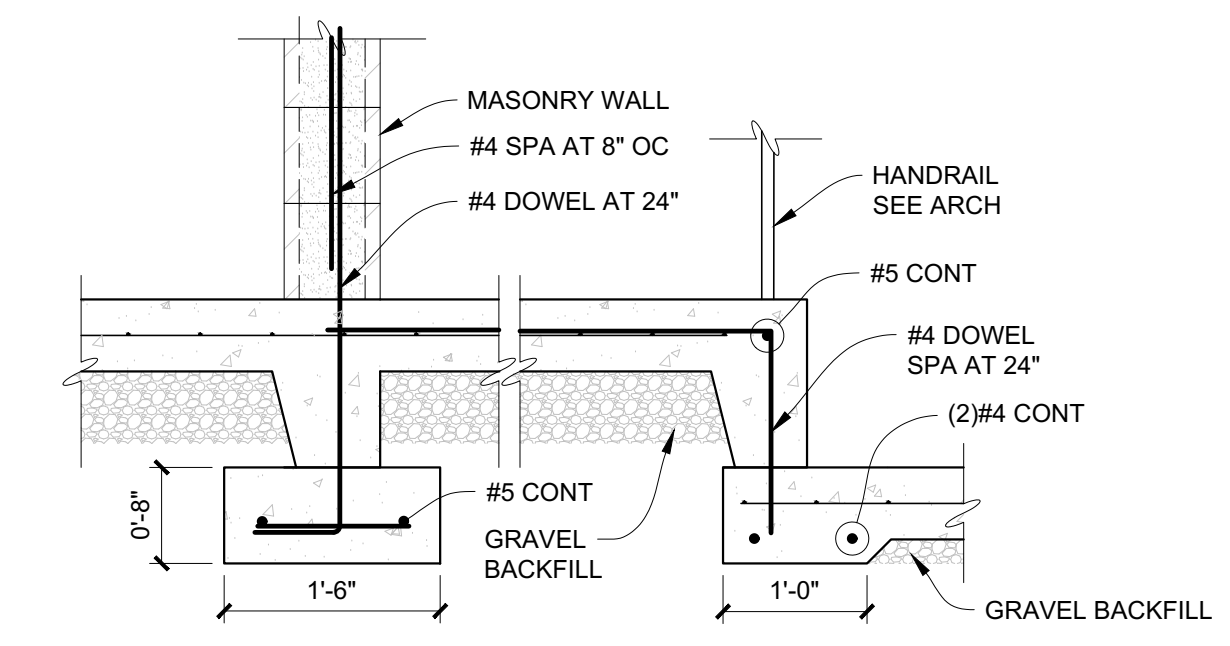
**22 GARAGE DETAIL**  
S100 3/4" = 1'-0"



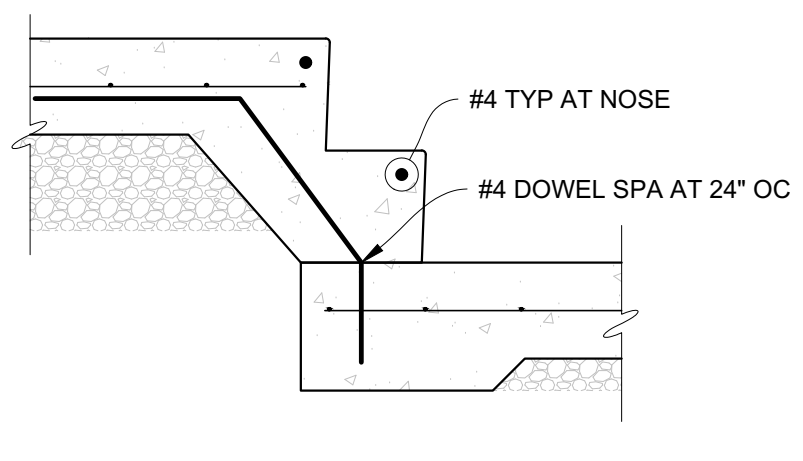
**31 MASONRY WALL FOOTING**  
S100 NO SCALE



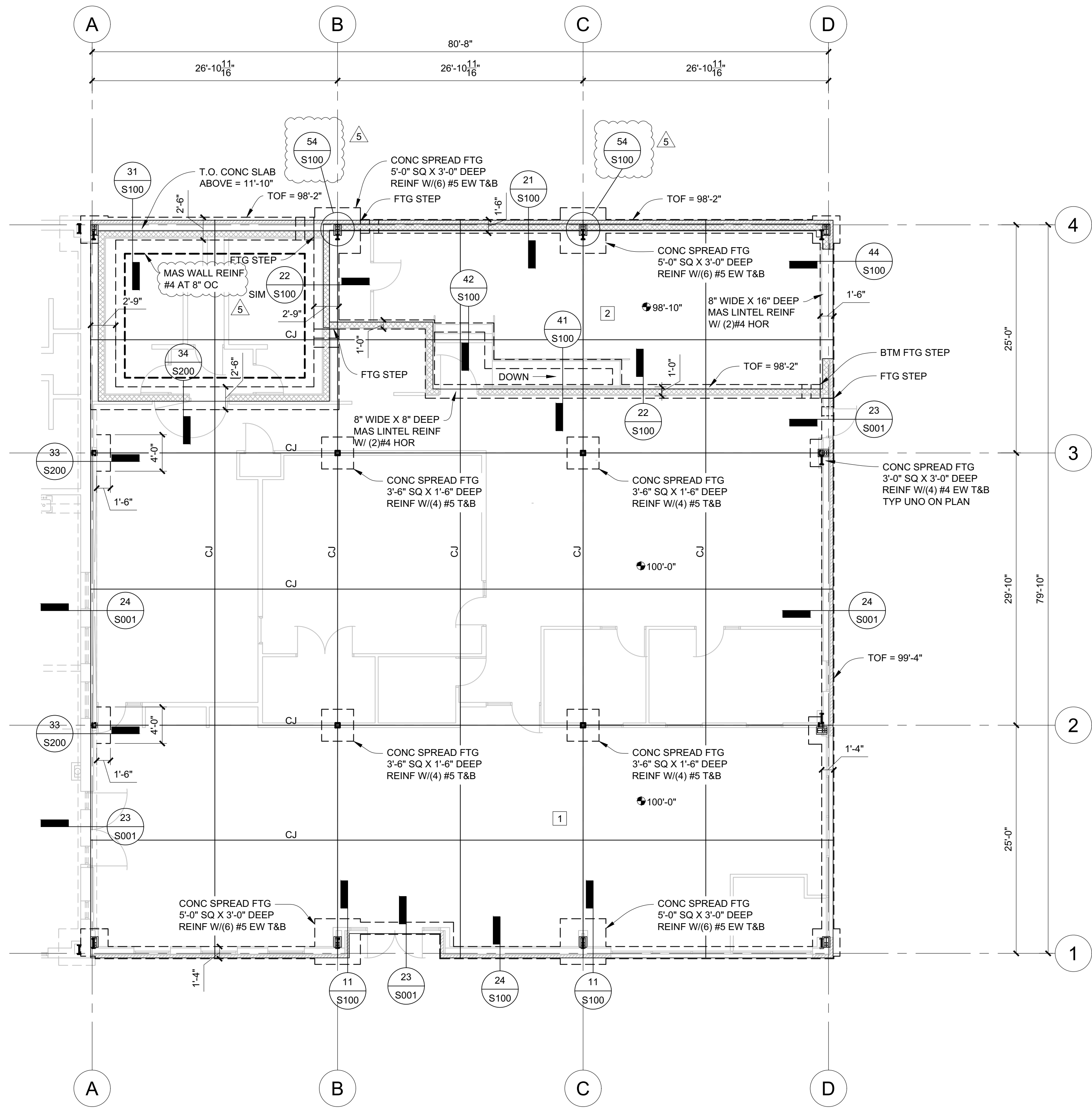
**32 SHELTER LID BRG**  
S100 3/4" = 1'-0"



**41 RAMP DETAIL**  
S100 3/4" = 1'-0"

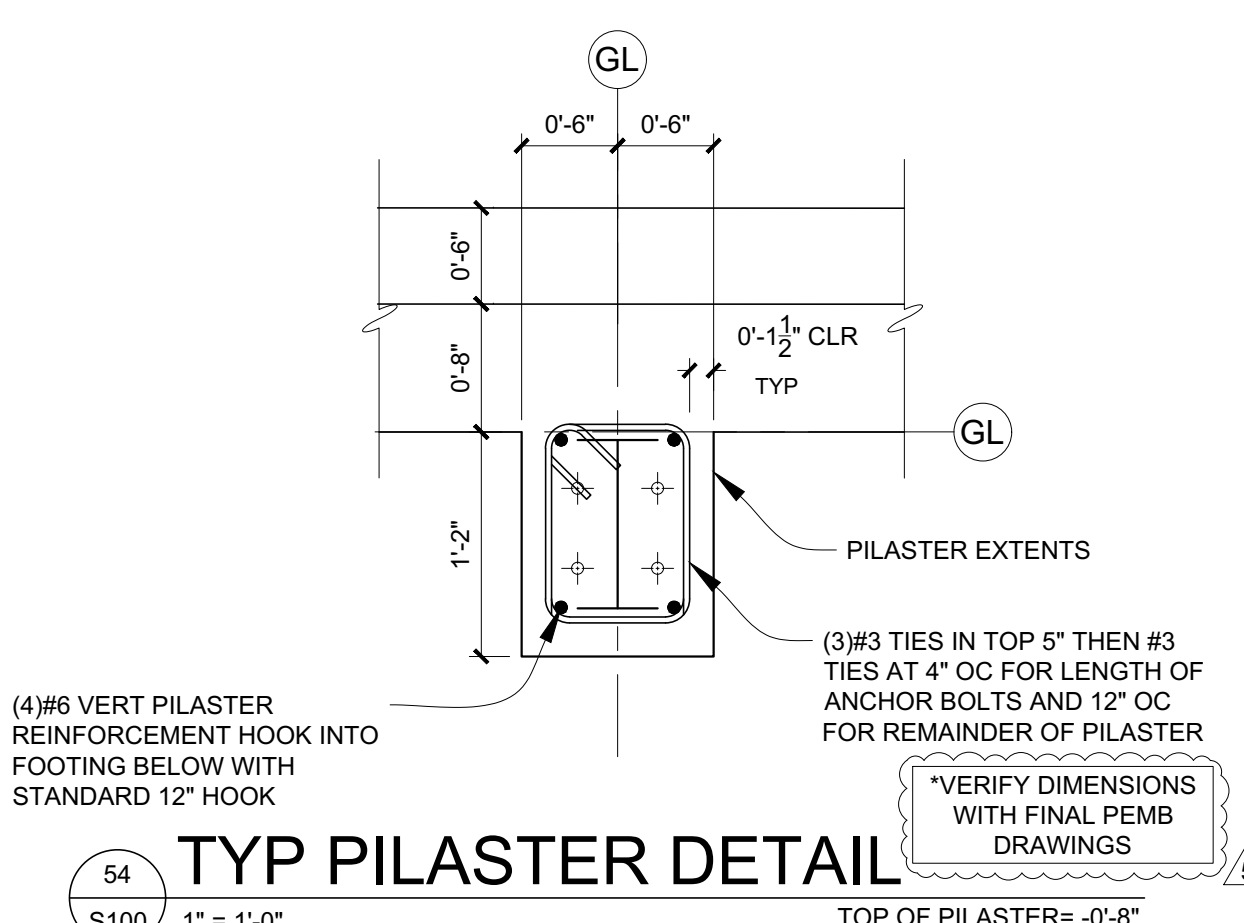


**42 STAIR DETAIL**  
S100 1" = 1'-0"

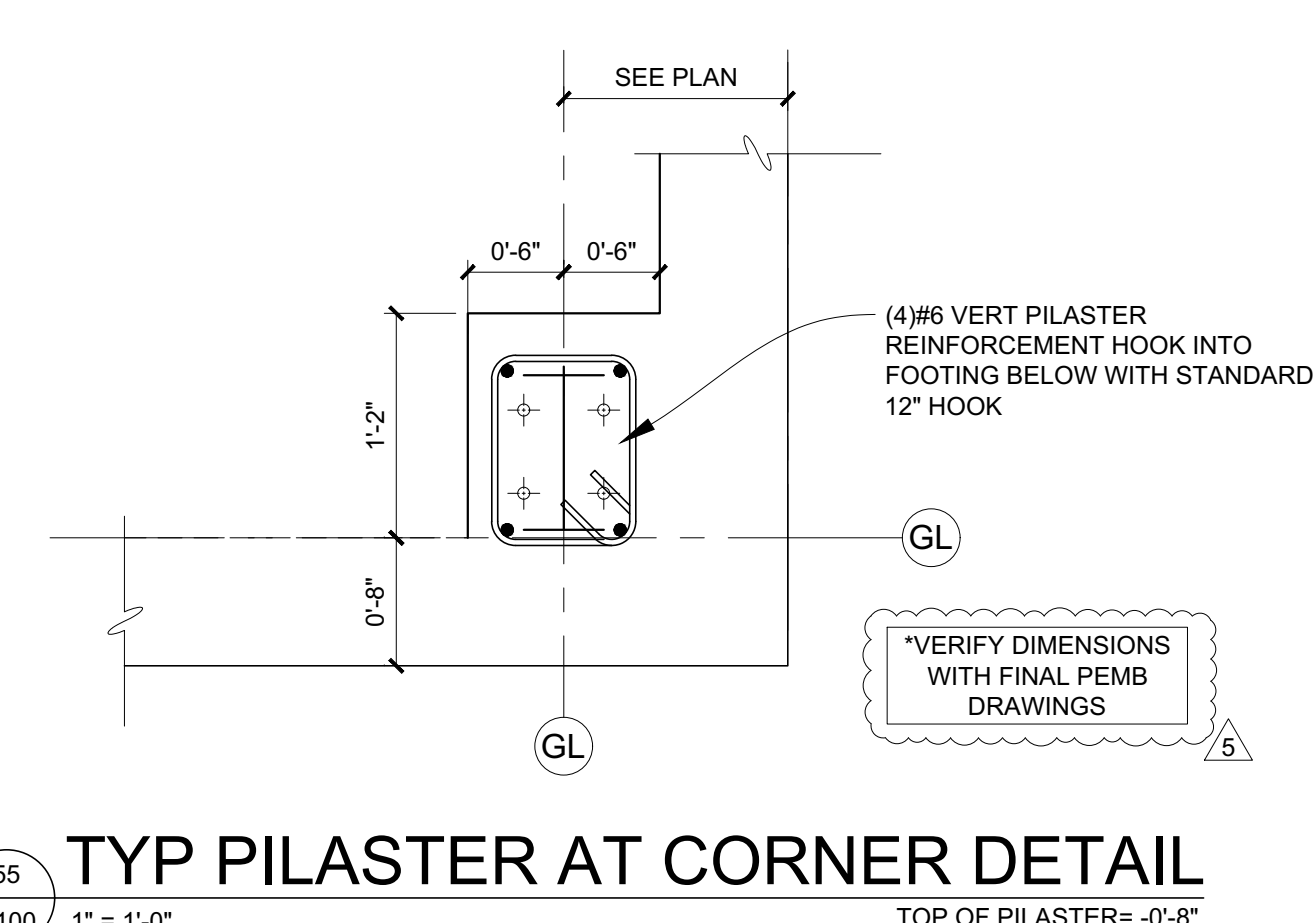


**FOUNDATION PLAN**  
1/8" = 1'-0"

- NOTES:
- 4" CONC SLAB-ON-GRADE REINF W/ 6X6XW1.4XW1.4 WWR ON #10 MIL VAPOR RETARDER ON 4" CLEAN AGGREGATE ON PREPARED SUBGRADE
  - 6" CONC SLAB-ON-GRADE REINF W/ #3'S AT 18" OC ON #10 MIL VAPOR RETARDER ON 4" CLEAN AGGREGATE ON PREPARED SUBGRADE



**54 TYP PILASTER DETAIL**  
S100 1" = 1'-0"



**55 TYP PILASTER AT CORNER DETAIL**  
S100 1" = 1'-0"

| DRAWINGS ISSUED |      |                |
|-----------------|------|----------------|
| NO.             | DATE | ITEM ISSUED    |
| 5               | 2/28 | DESIGN CHANGES |
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DATE: AUGUST 2022  
DRAWN BY: KWF CHECKED BY: KEJ

SHEET

**S100**

2 OF 3 SHEETS

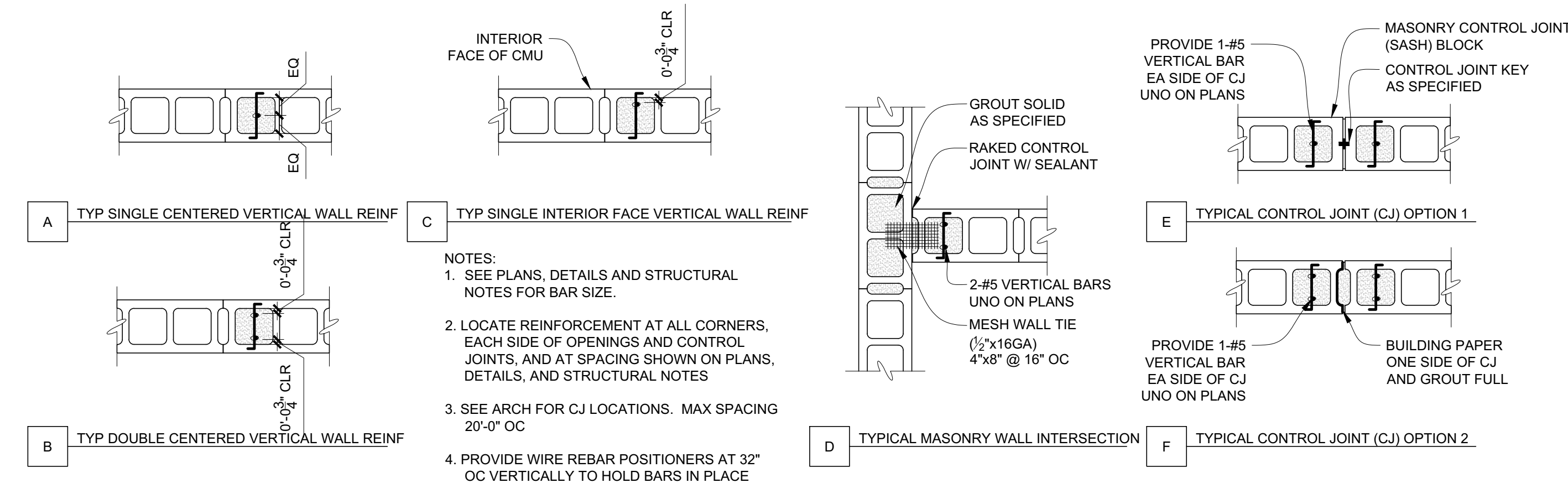
- MASONRY:**
- THE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE CONCRETE MASONRY UNITS SHALL BE 1900 PSI ON THE NET AREA, PROVIDING A STRUCTURAL DESIGN COMPRESSIVE STRENGTH OF 1500 PSI PER THE 2018 INTERNATIONAL BUILDING CODE, TABLE 2105.2.2.1.2.
  - MORTAR SHALL BE TYPE S IN ACCORD WITH ASTM C270 AND ARTICLES 2.1 AND 2.6 A OF TMS 602/ACI 530.1/ASCE6. MORTAR PROPORTIONS FOR UNIT MASONRY, USING CEMENT LIME OR MORTAR CEMENT MIXES, (MASONRY CEMENT IS NOT ACCEPTABLE).
  - MINIMUM 28-DAY COMPRESSIVE STRENGTH OF GROUT SHALL BE THE GREATER OF 2500 PSI OR THE COMPRESSIVE STRENGTH OF THE MASONRY UNITS. AIR ENTRAINMENT AND OTHER ADDITIVES ARE NOT ACCEPTABLE IN GROUT MIX. GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES.
  - MASONRY REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.
  - HORIZONTAL JOINT REINFORCING SHALL BE STANDARD LADDER TYPE, GALVANIZED, AT 16-INCHES ON CENTER, UNLESS OTHERWISE NOTED ON PLAN.
  - MINIMUM BOND BEAM REINFORCING SHALL BE 2 - #4 IN 6" AND 8" BOND BEAMS AND 2 - #5 IN 12" BOND BEAMS. BOND BEAM REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS EXCEPT AS NOTED ON TYPICAL MASONRY WALL OPENING DETAIL.
  - SPLICE LENGTHS FOR MASONRY REINFORCEMENT SHALL BE IN ACCORD WITH THE REINFORCING SPLICE LENGTH TABLE OR AS SHOWN ON THE DRAWINGS.
  - PROVIDE BOND BEAMS AT TOP OF ALL WALLS, AT ROOFS, STRUCTURAL FLOORS, OVER ALL OPENINGS IN WALLS AND WHERE SHOWN ON THE DRAWINGS.
  - REINFORCING SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS PLACED AT INTERVALS NOT EXCEEDING 192 BAR DIAMETERS NOR 10 FEET. PROVIDE POSITIONERS AT REINFORCING SPLICES.
  - VERTICAL REINFORCING SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS OR DETAILS.

|                |                    |
|----------------|--------------------|
| 6" CONC BLOCK  | 1-#4 @ 4'-0" OC    |
| 8" CONC BLOCK  | 1-#5 @ 4'-0" OC    |
| 12" CONC BLOCK | (2)#6'S @ 4'-0" OC |

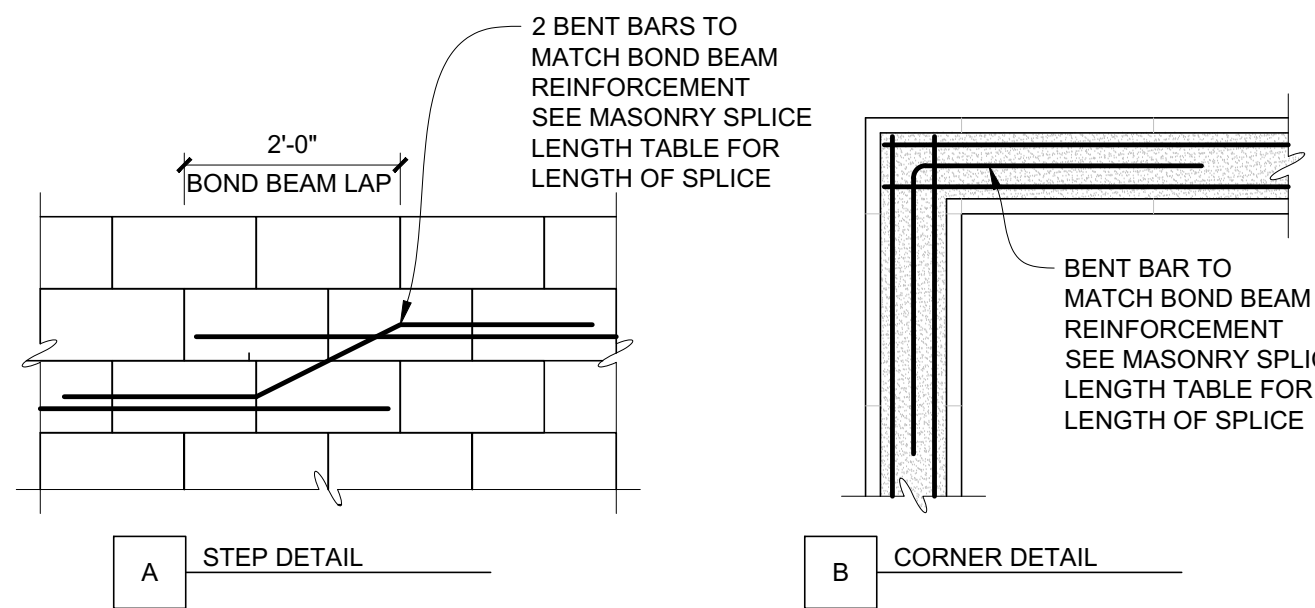
- PROVIDE 2 #5 VERTICAL REINFORCING AT JAMB OPENINGS, ENDS AND CORNERS OF ALL WALLS AND EACH SIDE OF CONTROL JOINTS. SPECIAL JAMB REINFORCING, WHERE REQUIRED, IS CALLED OUT ON THE PLANS.
- VERTICAL REINFORCING REQUIRED BY THESE NOTES OR SHOWN ON THE FOUNDATION PLANS SHALL EXTEND FROM FOUNDATION TO TOP OF WALL UNLESS OTHERWISE NOTED.
- ELECTRICAL PANELS, CONDUITS, PIPES, FIRE EXTINGUISHER CABINETS, ETC., ARE TO BE LOCATED SO AS NOT TO INTERFERE WITH REINFORCED AND/OR GROUTED CELLS. PIPES AND CONDUITS PASSING HORIZONTALLY THROUGH WALLS SHALL BE SLEEVED. MINIMUM SPACING OF SLEEVES SHALL BE THREE DIAMETERS.
- ALL MASONRY BELOW HIGHEST ADJACENT GRADE SHALL BE GROUTED SOLID.
- GROUT SHALL BE MECHANICALLY CONSOLIDATED IN A MANNER TO FILL THE GROUT SPACE AND RECONSOLIDATED IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE.
- PROVIDE GROUT AND MASONRY UNIT TESTING PRIOR TO AND DURING CONSTRUCTION IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE.
- REINFORCEMENT PLACEMENT, GROUT SPACES AND GROUTING OPERATION SHALL BE INSPECTED BY TESTING LABORATORY IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE REQUIREMENTS. MORTAR FIN PROJECTION INTO THE GROUT SPACE SHALL NOT EXCEED 1/2 INCH.

- COLD-FORMED FRAMING:**
- ALL COLD-FORMED FRAMING SHALL BE ASTM A 1003, GRADE ST33H WITH G60 COATING.
  - SCREWS SHALL BE HILTI INC., SELF DRILLING OR AN APPROVED EQUAL. INSTALL IN ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND ICC REPORT ESR-2196.
  - WHERE GYPSUM SHEATHING IS NOT REQUIRED ON BOTH FACES OF STEEL STUDS, CONTINUOUS BRIDGING SHALL BE INSTALLED AS REQUIRED BY MANUFACTURER.
  - ALL LIGHT GAUGE STEEL FRAMING SHALL BE INSTALLED WITH BRIDGING, BRACING, TRACK AND STIFFENERS, ETC. AS REQUIRED TO STRICTLY CONFORM TO MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL OBTAIN A COPY OF THE MANUFACTURER'S SUGGESTED CONSTRUCTION DETAILS TO USE AS A REFERENCE DURING CONSTRUCTION.

- PRE-ENGINEERED METAL BUILDING SYSTEM:**
- 2018 INTERNATIONAL BUILDING CODE AND LOCAL AMENDMENTS SHOULD BE UTILIZED FOR BUILDING DESIGN. METAL BUILDING DESIGN SHALL MEET THE REQUIREMENTS OF THE LATEST MBMA LOW RISE BUILDING SYSTEMS MANUAL, THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDING, THE AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURES.
  - THE METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR THE METAL BUILDING DESIGN. COMPLETE SEALED SHOP DRAWINGS, FOUNDATION REACTIONS SEALED BY LICENSED ENGINEER IN THE STATE OF KANSAS MUST BE SUBMITTED AND APPROVED PRIOR TO THE START OF ANY FOUNDATION WORK.
  - MINIMUM LOADS: 20 PSF LIVE LOAD, SELF WEIGHT PLUS 5 PSF COLLATERAL DEAD LOAD, APPLIED OVER ENTIRE ROOF AREA FOR MECHANICAL, LIGHTING AND INTERIOR FINISH RELATED ITEMS. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL PLANS TO VERIFY SIZE, WEIGHT AND LOCATIONS OF ANY SUSPENDED EQUIPMENT PRIOR TO DESIGNING AND FABRICATING THE METAL BUILDING STRUCTURE.
  - WIND LOADS SHALL BE BASED ON EXPOSURE C; ULTIMATE DESIGN WIND SPEED (3-SECOND GUST) =  $V_{ULT} = 115$  MPH;  $V_{ASD} = 90$  MPH;
  - LATERAL DEFLECTIONS OF THE RIGID FRAMES AND/OR WIND BENTS AT THE EAVE HEIGHT "H" FOR WIND LOADS IN ANY DIRECTION SHALL BE NO GREATER THAN H/240. LATERAL LOAD DEFLECTIONS FOR WIND GIRTS AND COLUMNS SHALL BE LIMITED TO L/600 AT MASONRY WALL.
  - RIGID FRAMES SHALL BE DESIGNED AS "PINNED BASE".
  - COORDINATE LOCATION OF LATERAL SYSTEM COMPONENTS WITH ARCHITECTURAL DRAWINGS TO CLEAR ALL DOORWAYS AND FRAMED OPENINGS. CABLE BRACING IS NOT ALLOWED.



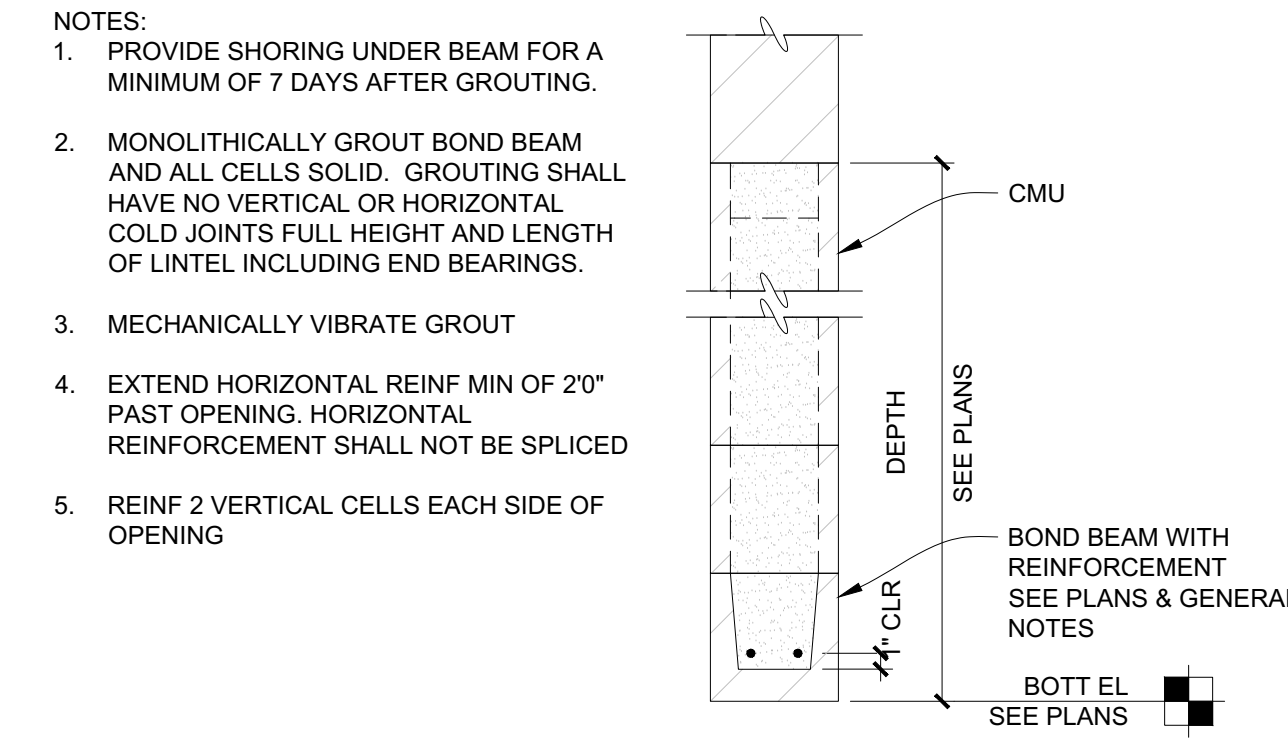
12 TYPICAL MASONRY WALL REINFORCEMENT DETAILS  
S200 NO SCALE



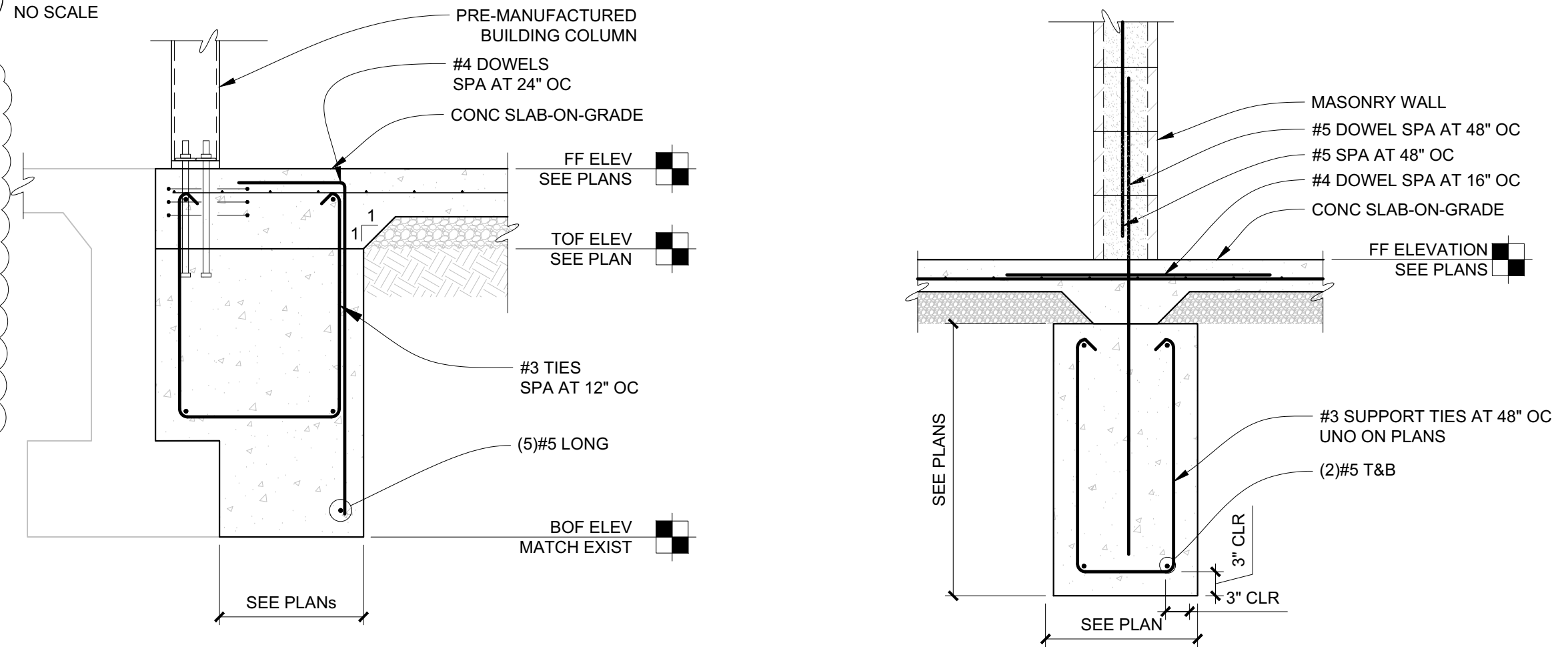
22 TYPICAL BOND BEAM DETAILS  
S200 NO SCALE

| BAR SIZE | 6" BLOCK |          | 8" BLOCK |          | 10" BLOCK |          | 12" BLOCK |          |
|----------|----------|----------|----------|----------|-----------|----------|-----------|----------|
|          | BAR @ CL | BAR @ CL | BAR @ CL | BAR @ CL | BAR @ CL  | BAR @ CL | BAR @ CL  | BAR @ CL |
| #4       | 2'-1"    | 2'-1"    | 2'-1"    | 2'-1"    | 2'-6"     | 2'-1"    | 2'-4"     |          |
| #5       | 2'-11"   | 2'-7"    | 4'-0"    | 2'-7"    | 3'-10"    | 2'-7"    | 3'-8"     |          |
| #6       | -        | 4'-5"    | 8'-3"    | 4'-5"    | 7'-9"     | 4'-5"    | 7'-4"     |          |
| #7       | -        | 5'-11"   | -        | 5'-2"    | 10'-7"    | 5'-2"    | 10'-0"    |          |

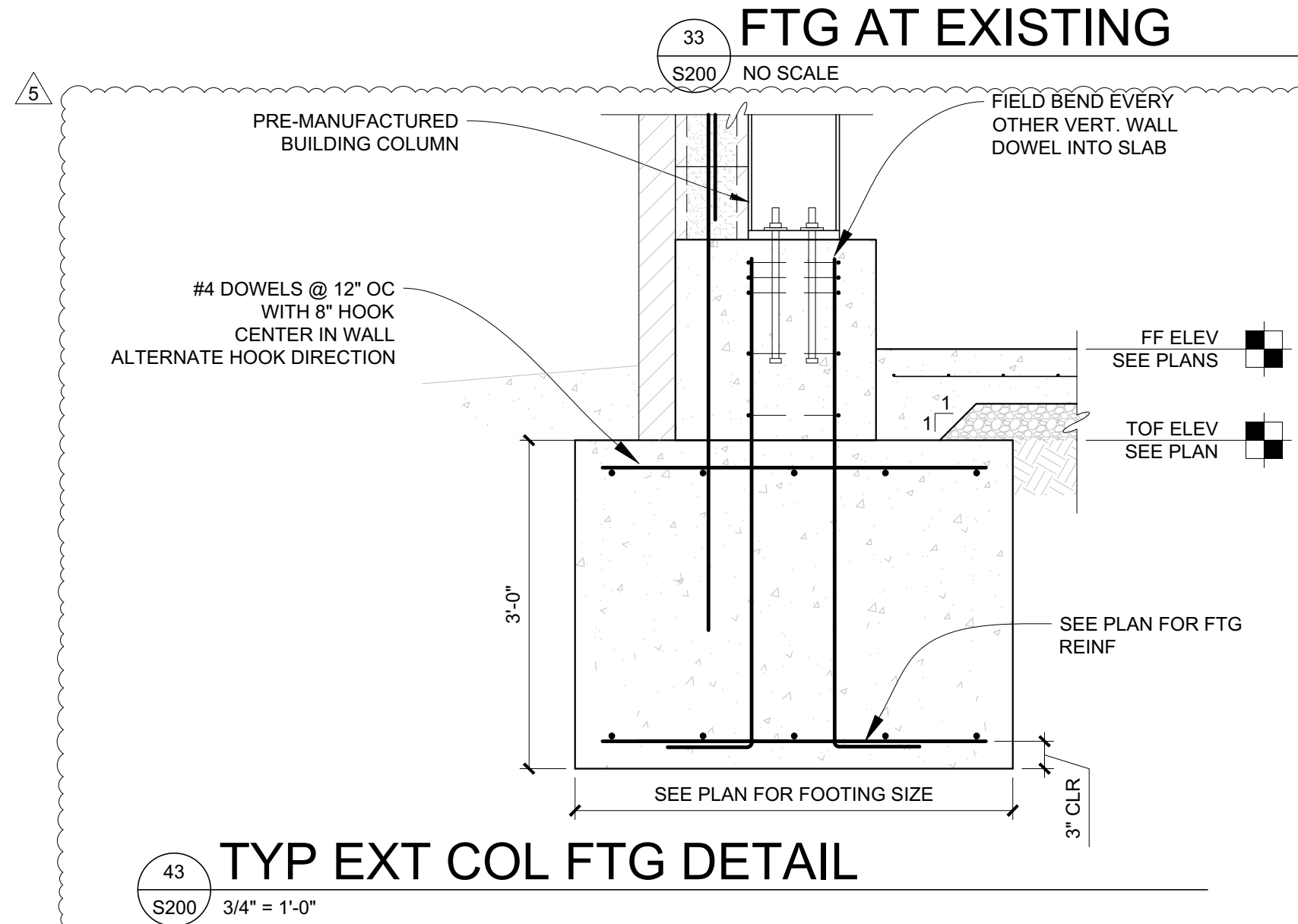
**NOTES:**  
WHEN REQUIRED SPLICE LENGTH EXCEEDS 4'-0" USE HIGH LIFT GROUTING OR USE MECHANICAL TENSION SPLICES WITH LOW LIFT GROUTING



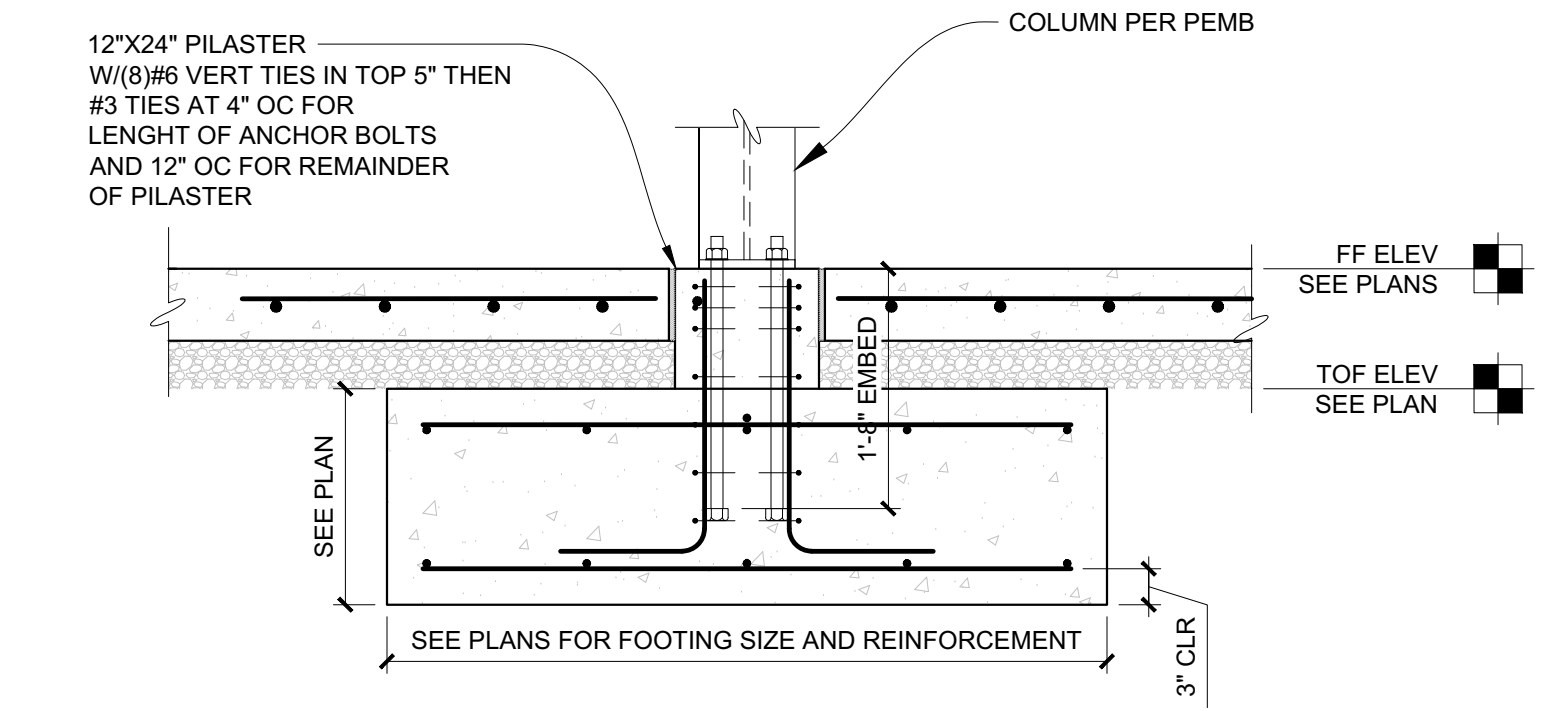
23 TYPICAL MASONRY LINTEL DETAIL  
S200 NO SCALE



34 TYP MASONRY WALL FOOTING  
S200 NO SCALE



43 TYP EXT COL FTG DETAIL  
S200 3/4" = 1'-0"



44 TYP INTERIOR FTG  
S200 3/4" = 1'-0"

| LINTEL SCHEDULE |   |
|-----------------|---|
| MARK            | TYPE                                    |
| ML-1            | 8x8 BOND BEAM W/ 2-#4                   |
| ML-2            | 8x16 BOND BEAM W/ 2-#5(UNO @ 8" CMU)    |
| ML-3            | 8x24 BOND BEAM W/ 2-#5 T&B              |
| ML-4            | 12x8 BOND BEAM W/ 2-#4                  |
| ML-5            | 12x16 BOND BEAM W/ 2-#5 (UNO @ 12" CMU) |
| ML-6            | 12x24 BOND BEAM W/ 2-#5                 |
| ML-7            | 6x8 BOND BEAM W/ 1-#3                   |
| ML-8            | 6x16 BOND BEAM W/ 2-#4 (UNO @ 6" CMU)   |

- NOTES:**
- AT 8" CMU USE LINTEL ML-2 ALL OPENINGS ≤ 4'-8" AND ML-3 FOR ALL OPENINGS > 4'-8" AND < 8'-0" WIDE UNLESS OTHERWISE NOTED.
  - AT 12" CMU USE LINTEL ML-5 ALL OPENINGS ≤ 6'-8" AND ML-6 FOR ALL OPENINGS > 6'-8" AND < 10'-0" WIDE UNLESS OTHERWISE NOTED.
  - WHERE LINTEL IS NOTED AT SIMILAR, PROVIDE BOND BEAM AND REINFORCING PER SCHEDULE AT TOP AND BOTTOM OF LINTEL.
  - BOND BEAM REINFORCING SHALL BE CONTINUOUS, WITHOUT SPLICES.

2024  
**SEDGWICK COUNTY**  
 HAZARDOUS WASTE ADDITIONS & ALTERATIONS  
 WICHITA, KANSAS  
 801 STILLWELL STREET

| DRAWINGS ISSUED |      |                |
|-----------------|------|----------------|
| NO              | DATE | ITEM ISSUED    |
| 5               | 2/28 | DESIGN CHANGES |
| 4               | 8/19 | PERMIT         |
| 3               | 8/8  | 90% REVIEW     |
| 2               | 7/20 | 50% REVIEW     |
| 1               | 6/7  | CONSTRUCTION   |

DRAWING FILE

DATE: AUGUST 2022  
DRAWN BY: KWF CHECKED BY: KEJ

SHEET  
**S200**  
3 OF 3 SHEETS



**PRE-BID/PROPOSAL MEETING  
RFB # 24-0011**

**PROJECT: Additions and Alterations - Household Hazardous Waste**

**LOCATION: 801 W Stillwell, Wichita, KS 67213**

**DATE: 02/22/2024 TIME: 2:30PM**

**\*\*\*PLEASE PRINT CLEARLY SHOULD WE NEED TO CONTACT YOU AT A LATER DATE\*\*\***

| CONTACT PERSON | COMPANY NAME                | E-MAIL ADDRESS   | PHONE NUMBER   | FAX NUMBER   |
|----------------|-----------------------------|--|----------------|--------------|
| Lee Barrier    | Sedgwick County             | <a href="mailto:Lee.Barrier@sedgwick.gov">Lee.Barrier@sedgwick.gov</a> | 316-660-7258   | 316-660-1839 |
| Eric Povermire | T&C Flooring                | t&cflooringllc0523@gmail.com   | 620 664 0567   | -            |
| Ben Koop       | Icon Structures             | js@icon-structures.com   | (620) 877-7464 |              |
| Jake Windholz  | Key Construction            | jawindholz@keyconstruction.com   | (316) 347-3358 | -            |
| Libby Anderson | Icon Structures             | estimating@icon-structures.com   | (620) 480-1735 |              |
| MARK Schiwe    | Ziegler Electric            | MARK.S@ZieglerElectric.com   | 262-2842       |              |
| Zac Huffman    | Harman Huffman Const.       | zhuffman@harmanhuffman.com   | 316-744-2081   | 316-744-0554 |
| Kip Paxton     | Higgins Group, INC          | Kipp@higginscommercial.com   | 316-519-3517   |              |
| CHRIS HANNEY   | HANNEY ASSOCIATE ARCHITECTS | CHRIS@HANARCHITECTS.COM  | 316 683-875    |              |
|                |                             |  |                |              |
|                |                             |  |                |              |

Purchasing Tech (name) \_\_\_\_\_

Date posted to website \_\_\_\_\_

Addenda sent to all attendees (email) at Pre-bid meeting and the original bidder list \_\_\_ Yes \_\_\_ No

Email address(es) added to the SAP Bidder List \_\_\_ Yes \_\_\_ No