

**Addendum Number One**

To The Drawings and Specifications for  
**Red Brick (East and West) Restrooms at Lake Afton**  
**Bid # 24-0071, Sedgwick County, Kansas**

Issued: Wednesday, October 30, 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 **Red Brick (East and West) Restrooms at Lake Afton, Sedgwick County, 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 Bid Form  
The bid form has been revised and is reissued with this addendum.
- 1.3 Building Construction  
Any references found in the bid documents referring to the building being “Pre-Cast” shall be corrected to read “Site Built”.
- 1.4 Park Events  
The General Contractor will make note of the Lake Afton Park upcoming Schedule of Events, and will make accommodations for the use of the park during these events.
  - a. 2024 Special Events: Nov. 3 – Turkey Trails 5k
  - b. 2025 Special Events: April 5 and 6 – Go Kart Races
- 1.5 Order of Construction  
Both buildings, the Red Brick East and Red Brick West restrooms, shall be constructed at the same time. The goal is for both facilities to be operational for the start of the season in 2025.
- 1.6 Project Award  
The funding source is different for each restroom: Red Brick East and Red Brick West. A requirement for the funding is that each building will be listed separately on the bid form. The award for this project will be to one General Contractor, who will construct both buildings (East and West). The bid form has been revised in hopes of simplifying the bid.
- 1.7 Salvage  
Presently there is not anything the County wishes to save from either of these two buildings.

- 1.8 Electrical Service  
The electrical service at each building is being rebuilt. Please refer to the electrical sheets E1.2 and E2.0.
- 1.9 Hand Dryers  
The General Contractor will provide and install two electric (2) hand dryers that are equal to World Dryer, AirMax DXM5-972, 110-120 volt, with fixed nozzle, hands free with automatic activation using IR Sensor. The units shall have a polished stainless steel cover and Chrome nozzle. World Dryer 1-800-323-0701. The G.C. shall verify product selection with architect, before placing order.
- 1.10 Bug Screen  
The General Contractor shall provide and install a black fiberglass bug screen on the back side of all louvers, and portions of the louver that are not functional will be closed off.
- 1.11 Pre-Bid Conference  
A pre-bid meeting was held on October 16 at 10:00 a.m.  
The following persons attended the meeting:
- |                                |                |              |
|--------------------------------|----------------|--------------|
| Star Lumber Company            | Nick Clary     | 316-756-3268 |
| Star Lumber Company            | Seth Bugner    | 316-756-3268 |
| Snodgrass & Sons Construction  | Cory Borel     | 316-687-3110 |
| SGT Exterior Solutions         | Shawn Trask    | 316-203-8623 |
| Icon Structures, Inc.          | Javier Almaraz | 620-640-3128 |
| Gray & Sons Construction       | Rod Gray       | 316-990-2139 |
| Sky Contracting Company, Inc.  | Jeff Riemann   | 316-295-4091 |
| <br>                           |                |              |
| Sedgwick County                | Lee Barrier    |              |
| Sedgwick County                | Sandy Anguelov |              |
| Hanney & Associates Architects | Martin Hanney  | 316-683-8965 |
- 1.12 Planholders List  
The Planholders List is included with this Addendum. This list can be also be downloaded by locating the correct RFB/RFP number on the Sedgwick County Purchasing Office webpage:  
<https://www.sedgwickcounty.org/finance/purchasing/current-bids-and-proposals/>
- 1.13 Interior Wood Trim  
The interior wood trim shall be paint-grade Poplar.
- 1.14 Approved Equals  
Company's approved equals to the original specified suppliers are required to meet all requirements of the plans, specifications, standards of performance and construction as established by the first named originally specified manufacturer's product.

## **II. CHANGES TO SPECIFICATIONS:**

- 2.1 Division 1 – General Requirements
  - a. The “Bid Form” has been revised and is re-issued with this addendum.
- 2.2 Section 04200 – Masonry
  - a. Paragraph 4.2 Face Brick
    - TUP Amaretto Mod Velour brick by Acme is an approved equal.

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

- 3.1 Code Sheet
  - A. General Notes
    - 1. Note 14 shall be deleted. Both Red Brick East and Red Brick West restroom buildings are site-built, masonry buildings. Any reference to the buildings being “Pre-cast” shall be deleted.
    - 2. Note 17 shall be corrected by changing “his” to “their”.
- 3.2 Sheet AS1.1
  - A. Existing Floor Plan “A”,
    - 1. The drawing title shall be corrected to indicate this applies to both “East” and “West” locations.
    - 2. There is a note to the left of the chase entrance door that identifies the building as pre-cast. The existing buildings were site-built load-bearing masonry and the new replacement buildings will be site-built using load-bearing masonry.
- 3.3 Sheet AS1.3
  - A. This sheet is being reissued with this addendum.
  - B. Spot elevations prepared by K.E. Miller have been added to the Red Brick West site plan.
  - C. A survey showing the benchmarks for Red Brick West is being issued with this addendum.
- 3.4 Sheet AS1.4
  - A. A survey for Red Brick East was not available. Please refer to Item 3.9 on this addendum.
- 3.5 Sheet AS1.6
  - A. Signage Details 11 and 12
    - The note referring to the signs being anchored to a precast concrete wall shall be corrected to say the wall is brick masonry.
- 3.6 Sheet A1.1
  - A. On the Sedgwick County list of items provided by the Owner (installed by G.C.):
    - Add soap dispensers to this list.

- 3.7 Sheet A4.2 and S200
- A. The roof trusses shall be designed by a structural engineer licensed in the State of Kansas using the design criteria shown on the Structural Drawings and the slopes shown on the architectural sheets. The size and connects of the members are to be designed by the engineer for the truss fabricator. The structural engineer will be engaged by the truss fabricator.
  - B. The design of the trusses shall take into account the design as shown on the architectural drawings – roof/fascia springs from the exterior face of the brick and the interior ceiling springs from the interior wall. A horizontal ledge on top of the interior wall is not acceptable. Please refer to detail 3 on sheet A2.2.
  - C. There are several possible solutions, but the end result must follow the design criteria noted above. The truss shown on the structural drawings does not follow the architectural design criteria and shall be modified by this addendum.
- 3.8 Sheet S100
- A. This sheet has been revised and is reissued with this addendum.
- 3.9 Sheet S200
- A. This sheet has been revised and is reissued with this addendum.
  - B. Roof Framing Plan  
The framing over the exterior entrance shall be deleted so the entrance matches what is shown on the architectural plans. This will eliminate two (2) roof trusses, 11-7/8” LVL beam, 2x10 ridge beam, and associated roof deck and roofing.
  - C. Outrigger Detail 21
    1. This detail shall be revised to look like detail 5/A5.1 removing the beam, stud wall framing, and trusses as noted in item “B” above for the 8’-0” tall entrance screen walls.
    2. Detail 21 shown on the exterior gable end wall shall be deleted. The gable end wall shall be full, reinforced masonry, as shown on the architectural drawings.
  - D. Truss Profile Detail 22  
Refer to item 3.7 in this addendum for notes on the truss design.
- 3.10 Survey
- A. Red Brick West: A survey of the site was prepared by K.E. Miller.  
A copy if this survey (showing benchmarks) is included with this addendum.
  - B. Red Brick East: A survey was not available for this site. The General Contractor shall include in their base bid, the cost to hire a surveyor for the Red Brick East site, establishing benchmarks to use during construction, and to set finish elevations for proper drainage and ADA compliance similar to what we have for Red Brick West. For bidding purposes, the scope of site work at Red Brick East shall be equal to Red Brick West.

#### **IV. CHANGES TO MECHANICAL:**

- 4.1 Sheet M1.1  
This sheet has been revised as noted below, and is reissued with this addendum.
- A. Resized the louvers to match those shown on the Arch sheets.
  - B. Notes 2 & 4 have been edited.
- 4.2 Sheet MP1.1  
This sheet has been revised as noted below, and is reissued with this addendum.
- A. Added a detail for the louvers.
  - B. Added a louver schedule.
  - C. Control of EF-1 shall be “continuous operation”.

#### **V. CHANGES TO ELECTRICAL:**

- 5.1 Sheet E1.2
- A. A TVSS (Transient Voltage Surge Suppressor) shall be provided and installed on the new 200A main circuit breaker panelboard, which will be located in the new chase. The TVSS shall be for 1-phase service as manufactured by Intermatic, or the approved equal.
- 5.2 Sheet E2.1
- A. The north arrows shall be changed to match architectural – north varies between the two sites; refer to the site plans.
  - B. Lighting Floor Plan
    - 1. The three “A” fixtures shown outside the building shall be deleted.
    - 2. One additional Type “A” light fixture shall be added to the line of ridge lights within each of the toilet rooms at each site. Install light fixture to give a continuous row of Type A light fixtures on each side. This way the number of fixtures matches the architectural drawings – sheet A2.1.
    - 3. The “B” fixtures shall be deleted.
    - 4. Install new LED strip lights around the perimeter of the building and screen walls per Architectural details.
      - a. Provide photo-cell control for exterior lights.
      - b. Connect the exterior LED lights to circuiting already shown for exterior lighting.
      - c. The LED Lighting  
LED lighting shall be AspectLED, 12VCD, white, waterproof, dimable, AL-SL-NW-U-NW-12, or the approved equal. These materials are available locally from LED Surplus, 1610 South Emporia, Wichita, Kansas 67211, (316) 352-7234, or (833) 944-7319.

- d. Aluminum Channel with Diffuser  
Aluminum channel with diffuser for use with the LED lighting shall be PLT Solutions LED Tape Light Channel, Surface Mount, 0.73-inch wide x 0.46-inch high, with opaque lens (with accessories required for installation), or the approved equal. These materials are available locally from LED Surplus, 1610 South Emporia, Wichita, Kanas 67211, (316) 352-7234, or (833) 944-7319.
- e. LED Dimmable Power Supply  
The LED power supplies shall be AspectLED, MLV-300.  
The dimmers shall be located in the center chase.
- f. LED Dimmers  
The electrical contractor shall provide dimmers as required that will allow for the adjustment of the exterior light level. These dimmer switches shall be installed in the central chase space.

5. Power Floor Plan

- 1. The hot water tank shall be relocated to match what is shown on sheet P1.1.

**END OF ADDENDUM**

**Lake Afton Park  
Red Brick Toilet Building Replacement – WEST and EAST**

**BID FORM**

**BID PROVIDED BY:**

\_\_\_\_\_  
(Company Name)

I have received the Bid Documents, Specifications, and Construction Documents, collectively known as the Contract Documents for Construction of the:

**Lake Afton Park – Red Brick Toilet Building Replacement – WEST and EAST  
COUNTY BID NUMBER: RFB 24-0071**

as prepared by the Architect, Martin Hanney:

**In submitting this Bid, I agree:**

1. To hold my Bid open for 60 days after the date of this Bid.
2. To enter into and execute a Contract, if awarded on the basis of this Bid, and to proceed in accordance with the requirements of the General Conditions and Contract Form.
3. To provide all labor, materials, equipment, tools of trades and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fees, permits, licenses and applicable taxes necessary to complete the work in accordance with the proposed Contract Documents.
4. To remove and haul away from the construction site any and all debris arising from this contract and to assume sole liability for all removal, handling, and dumping of debris.
5. To comply with any and all local, state, federal or other governmental laws, rules and regulations with respect to the transportation, disposal, and dumping of debris and other excavated materials and Contractor shall secure any and all necessary permits and approvals incident to said transportation, dumping and disposal.
6. To further agree to indemnify and hold the Owner and Designer harmless from any and all claims and/or damage of any kind whatsoever as a result of the Contractor's performance of this Contract.
7. That attached to this Bid is one copy of the Certificate of Insurance including Contractor's General Automotive Liability, Workers Compensation Insurance and Owner's Liability Insurance.

8. **CALENDAR DAYS:**

The Undersigned agrees to reach substantial completion of the Work in \_\_\_\_\_ consecutive calendar days from the date of Notice to Proceed. [This includes material lead times.](#)

The Undersigned agrees to reach final completion of the Work in \_\_\_\_\_ consecutive calendar days from the date of Substantial Completion.

Total Calendar Days for both restrooms \_\_\_\_\_

## Lake Afton Park Red Brick Toilet Building Replacement – WEST and EAST

### 9. BID

Base Bid:	West Building	East Building
To complete the Base Bid Work, in the time stipulated, in accordance with the Bidding Documents for the lump sum price of:	\$	\$
<b>Alternate No. 1 - Toilet Partitions</b>		
This alternate considers the additional cost to the Base Bid for the Contractor to provide and all labor and materials to change the Toilet Partitions as shown on the Drawings.	\$	\$
<b>Alternate No. 2 - Ceilings</b>		
This alternate considers the additional cost to the Base Bid for the Contractor to provide and all labor and materials to change the impact resistant gypsum wall board to 1-inch thick, reinforced stucco.	\$	\$
<b>Alternate No. 3 - Wall and Floor Tile</b>		
This alternate considers the additional cost to the Base Bid for the Contractor to provide and all labor and materials to tile the walls and floors. This alternate shall include all accessories, mastic, and grout.	\$	\$
<b>TOTALS:</b>	\$	\$

### 10. ADDENDA:

The Bidder acknowledges receipt of the following numbered Addenda:

None (\_\_\_) #1 (\_\_\_) #2 (\_\_\_) #3 (\_\_\_) #4 (\_\_\_) #5 (\_\_\_)

### 11. AGREEMENTS:

The Undersigned agrees to the following terms and conditions:

- a. An incomplete Bid, or other information not requested which is written on this Bid Form, may be cause for rejection.
- b. Read the Invitation for Bids and the Instructions to Bidders carefully.
- c. The Owner reserves the right to reject any or all Bids and to waive all technicalities should such action be deemed to be in the best interest of the Owner.
- d. This Bid may not be withdrawn for a period of 60 calendar days following the receipt and opening.
- e. Failure to acknowledge receipt of any Addendum issued may be cause for Bid rejection.



**Lake Afton Park  
Red Brick Toilet Building Replacement – WEST and EAST**

- f. In the event that changes to the work are required, the undersigned agrees that ten percent (**10%**) total between General and Subcontractors of his net costs shall be added thereto for Overhead, Profit and General Requirements (including but not limited to, Insurance and Bonds).

12. **MAJOR SUBCONTRACTORS:**

The Undersigned acknowledges the following named major subcontractors are to be used for their respective division of work. Contractors shall identify by type, any disadvantaged, minority and women-owned businesses used as a subcontractor for this project.

Subcontractor: \_\_\_\_\_

Address – City, State, Zip: \_\_\_\_\_

Additional, if necessary: \_\_\_\_\_

13. **DECLARATIONS:**

The Undersigned hereby declares he has carefully examined the Drawings and Specifications, has visited the actual location of the work, has satisfied himself as to all conditions and understands that, in signing this Bid Form, he waives all right to plead any misunderstandings regarding same and agrees to be bound by the provisions of said Drawings and Specifications and all statements made therein.

The Undersigned proposes to enter into Contract and to furnish and pay for the specified Bonds and other required Documents within 10 working days after notification of award of Contract.

**Lake Afton Park  
Red Brick Toilet Building Replacement – WEST and EAST**

**14. FIRM IDENTIFYING INFORMATION:**

FIRM NAME \_\_\_\_\_

CONTACT \_\_\_\_\_

SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY/STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_ HOURS \_\_\_\_\_

COMPANY WEBSITE ADDRESS \_\_\_\_\_ E-MAIL \_\_\_\_\_

NUMBER OF LOCATIONS \_\_\_\_\_ NUMBER OF PERSONS EMPLOYED \_\_\_\_\_

TYPE OF ORGANIZATION:

Public Corporation \_\_\_ Private Corporation \_\_\_ Sole Proprietorship \_\_\_ Partnership \_\_\_ Small Business \_\_\_

General Nature of Business \_\_\_\_\_

Manufacturer \_\_\_ Distributor \_\_\_ Retail \_\_\_ Dealer \_\_\_ Service \_\_\_

\_\_\_ Not Minority/Caucasian (00) publicly traded companies and nonprofits are in this category

Minority Owned Business:

\_\_\_ African American (05), \_\_\_ Asian Pacific (10), \_\_\_ Subcontinent Asian (15), \_\_\_ Hispanic (20),

\_\_\_ Native American (25), \_\_\_ Other (30) - Please specify \_\_\_\_\_,

\_\_\_ Not Minority/Caucasian – Woman Owned (50), \_\_\_ African American – Woman Owned (55),

\_\_\_ Asian Pacific – Woman Owned (60), \_\_\_ Subcontinent Asian – Woman Owned (65),

\_\_\_ Hispanic – Woman Owned (70), \_\_\_ Native American – Woman Owned (75), \_\_\_ Other –

Woman Owned (80)

Insurance registered in the State of Kansas with a minimum best rating of A-VIII: \_\_\_ Yes \_\_\_ No

**15. SIGNATURE AND SEAL:**

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2024.

\_\_\_\_\_  
LEGAL NAME OF PERSON, FIRM OR CORPORATION

\_\_\_\_\_  
MAILING ADDRESS OF ABOVE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TELEPHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

(Affix Corporate Seal here)

\_\_\_\_\_  
E-MAIL

# Planholders

RFB/RFP: RFB# 24-0071

Company	Type	Contact	Address	Phone	Fax	Email	Date (CST)
Van Asdale Construction, LLC	Prime	Jeff Van Asdale	353 N Pennsylvania Ave Wichita, KS 67214-4150	(316) 264-0222		vanasdaleconst@gmail.com	10/15/2024 1:18 PM
ePlan	Plan Room	John Noll	1400 Forum Blvd. Columbia, MO 65203	(573) 447-7130		eplan@eplanbidding.com	10/15/2024 3:47 PM
Don Vaughn, Inc.	Subcontractor /Supplier	Wayne Iverson	625 E. First Wichita, KS 67202	(316) 264-7307		wiverson@donvaughninc.com	10/16/2024 8:46 AM
Icon Structures	Prime	Brett Dueser	114 wabash Wichita, KS 67214	(316) 619-8247		Brett.dueser@icon-structures.com	10/16/2024 2:12 PM
Conco Construction	Prime	Trent Woodard	3051 N Ohio Wichita, KS 67219	(316) 285-2289		trent@concoconstruction.com	10/17/2024 9:59 AM
Sba construction	Prime	John Stuhlsatz	1444 S. St Clair Building A Wichita, KS 67213	(316) 265-0026		johnst.sba@gmail.com	10/17/2024 2:28 PM
SBA Construction Company INC.	Prime	Chris Schmeidler	1444 S St. Clair WICHITA, KS 67213	(316) 265-0026		chrisschmeidler@gmail.com	10/17/2024 4:48 PM
Specialty Contractors Inc	Prime	Matt Simpson	13303 W. Maple Suite 139 #112 wichita, KS 67235	(316) 648-1674		specialtycontractorsinc@live.com	10/21/2024 6:45 PM
The Builders Association	Plan Room	Lea Anne Hutton	720 Oak Street Kansas City, MO 64106	(816) 595-4116		lhutton@thebuildersagc.com	10/22/2024 11:44 AM
North America Procurement Council, Inc. PBC	Plan Room	Eric Johnson	PO Box 40445 Grand Junction, CO 81504	(302) 450-1923		sourcemanagement@napc.me	10/23/2024 4:57 AM
Van Asdale Construction, LLC	Prime	Jeff Van Asdale	353 N Pennsylvania Ave Wichita, KS 67214	(316) 264-0222	(316) 262-0898	vanasdaleconst@gmail.com	10/24/2024 9:04 AM
ELECTRICAL SYSTEMS INC	Subcontractor /Supplier	ELECTRICAL SYSTEMS INC	1815 S PATTIE STREET WICHITA, KS 67211	(316) 263-2415		accounting@esi-ks.com	10/24/2024 9:13 AM
SKY CONTRACTING COMPANY INC	Prime	Jeff Riemann	225 S GRAND MERE CT Wichita, KS 67230	(316) 295-4090	(316) 295-4091	jeff@skycontracting.biz	10/25/2024 9:07 AM
Farha Construction	Prime	Sam Rasmussen	1360 N Mosley Wichita, KS 67214	(316) 943-0000		sam@farhaconstruction.com	10/25/2024 3:01 PM
Lusco Brick & Stone Company	Subcontractor /Supplier	bruce gilkeson	929 e 14th wichita, KS 67214	(316) 262-0406		bhgilkeson@luscobrick.com	10/28/2024 4:16 PM

**GENERAL NOTES**

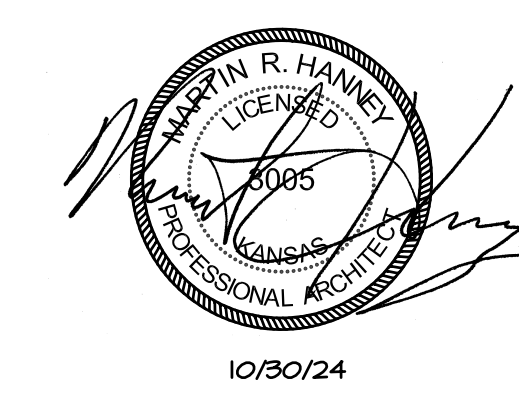
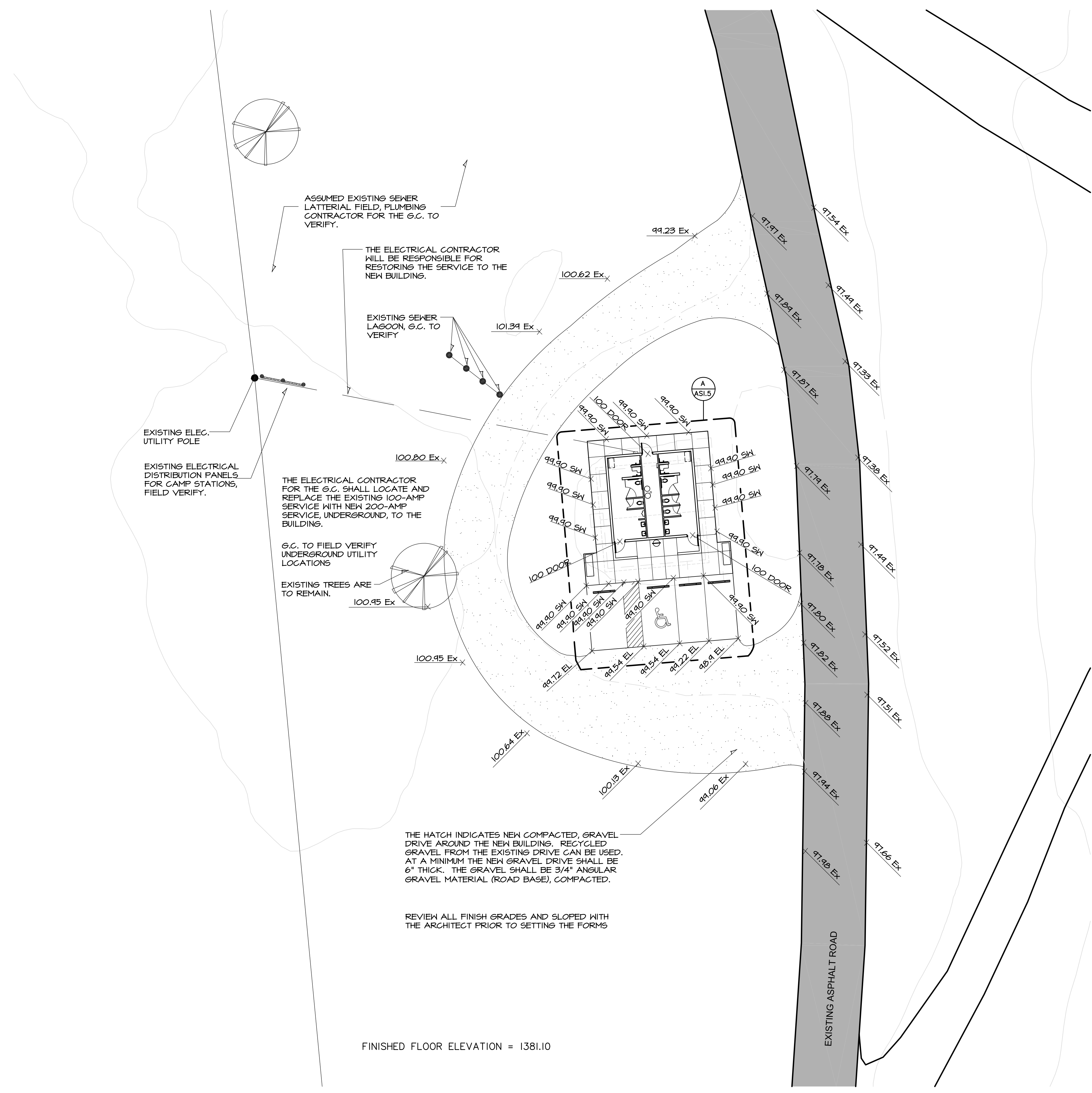
FIELD VERIFY ALL EXISTING CONDITIONS.

RESTORE THE EXISTING GRAVEL DRIVE WHERE IT CONNECTS TO THE EXISTING GRAVEL ROADS.

THE EXISTING BUILDING AND SIDEWALKS ARE TO BE RAISED AND REMOVED, INCLUDING THE FOUNDATIONS.

ALL DEBRIS IS TO BE REMOVED FROM THE SITE.

EXISTING UTILITIES ARE TO BE PROPERLY TERMINATED AWAY FROM THE DEMOLITION.



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

**2024**  
**SEDGWICK COUNTY**  
**LAKE AFTON REPLACE RED BRICK - WEST**  
**MCCARTHUR ROAD**

DRAWINGS ISSUED	
NO.	DATE
4	10/30/24
3	9/6/24
2	6/28/24
1	6/21/24

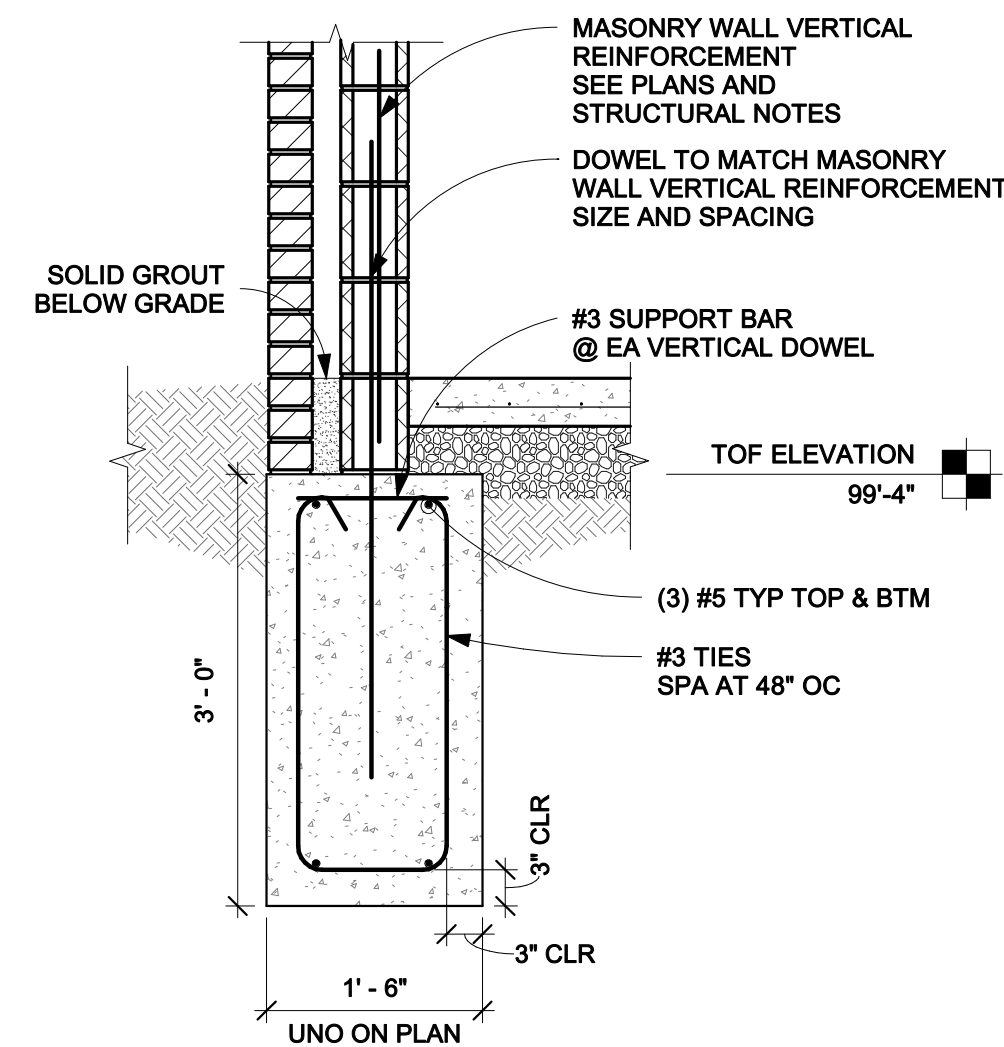
COMPUTER DRAWING  
 LARB\_AS103.dwg

DATE: MARCH 2023  
 DRAWN BY: MRH  
 CHECKED BY: MRH

SHEET  
**AS1.3**  
 OF - SHEETS

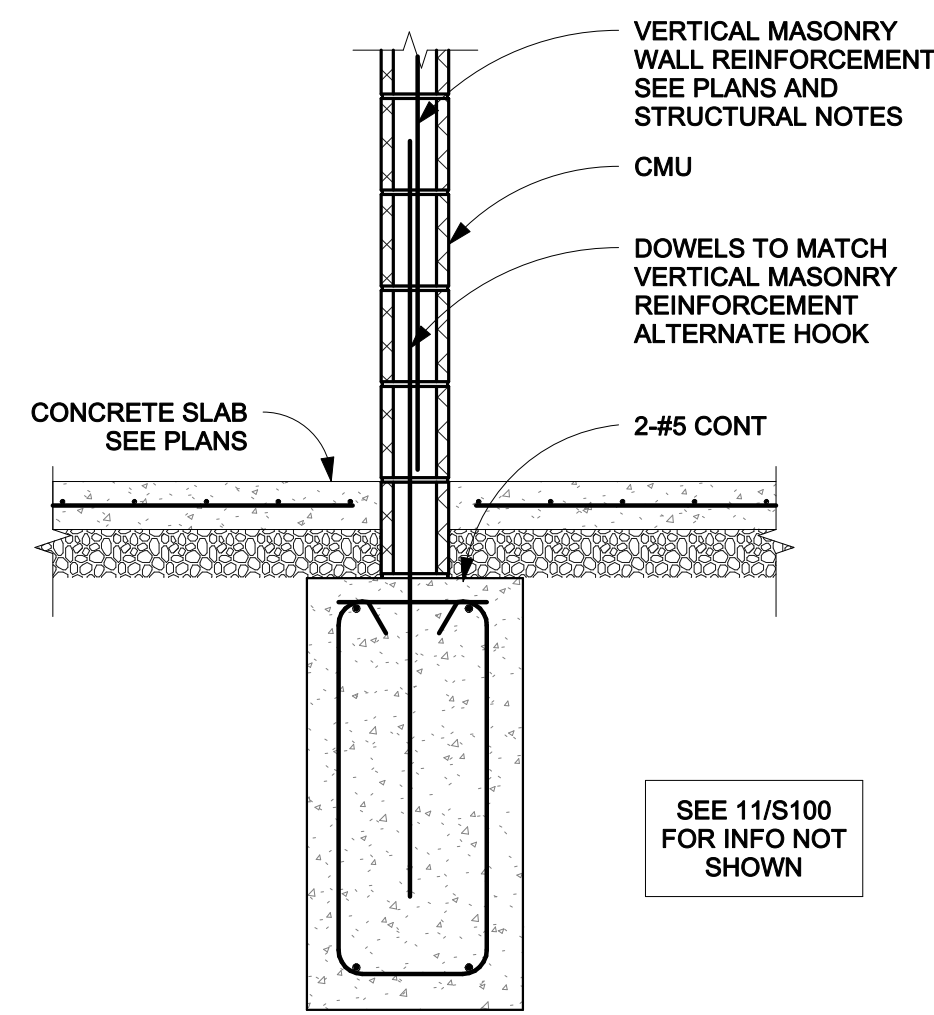
RED BRICK - WEST  
**B NEW SITE PLAN**  
 SCALE: 1/16" = 1'-0"

BINDER LINE - NOTHING PAST THIS LINE



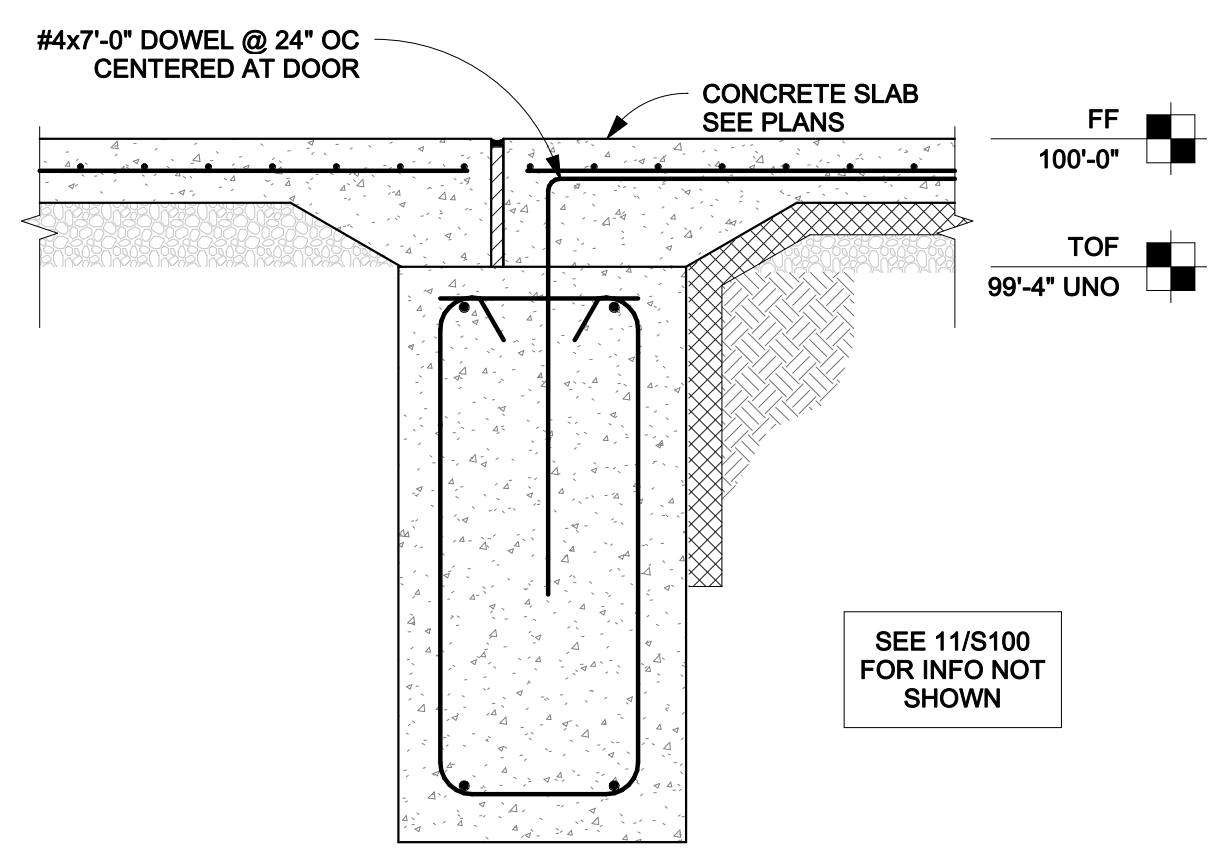
**11 TYPICAL MASONRY WALL FOOTING**  
 S100 3/4" = 1'-0"

**NOTES:**  
 1. CONTRACTOR HAS THE OPTION TO EPOXY DOWELS INTO FOOTING AS AN ALTERNATIVE TO HOOKED DOWELS. SEE EPOXY EMBEDMENT TABLE.



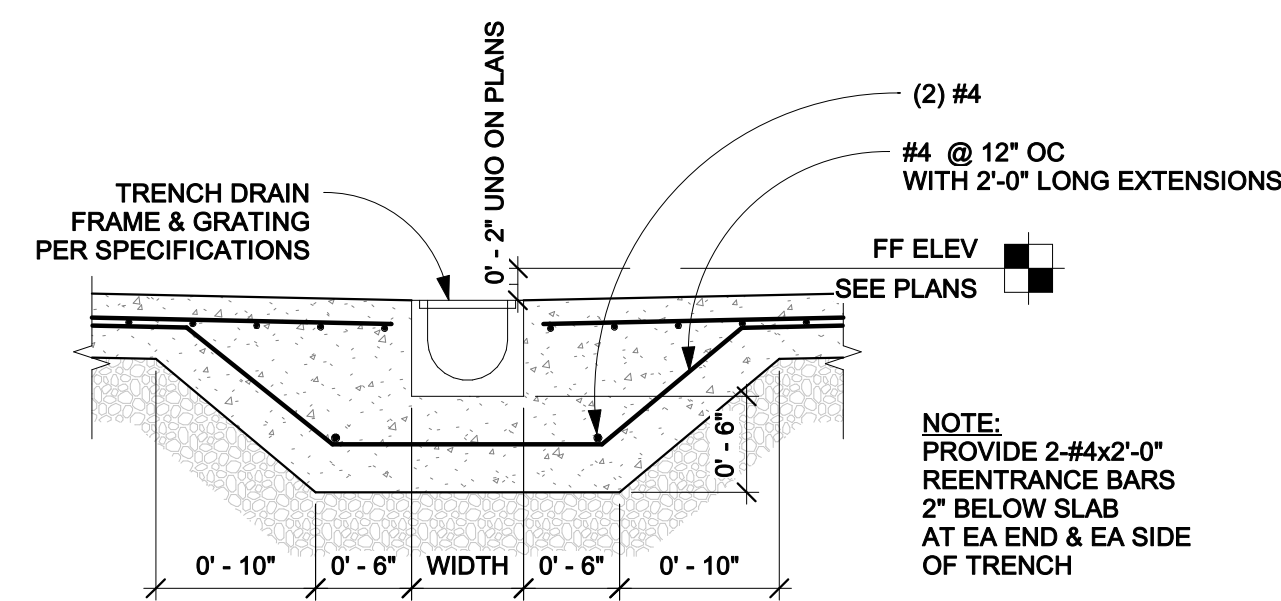
**21 TYPICAL THICKENED SLAB AT CMU**  
 S100 3/4" = 1'-0"

**NOTE:**  
 CONTRACTOR HAS THE OPTION TO EPOXY DOWELS INTO THICKENED SLAB AS AN ALTERNATIVE TO HOOKED DOWELS. SEE EPOXY EMBEDMENT TABLE.



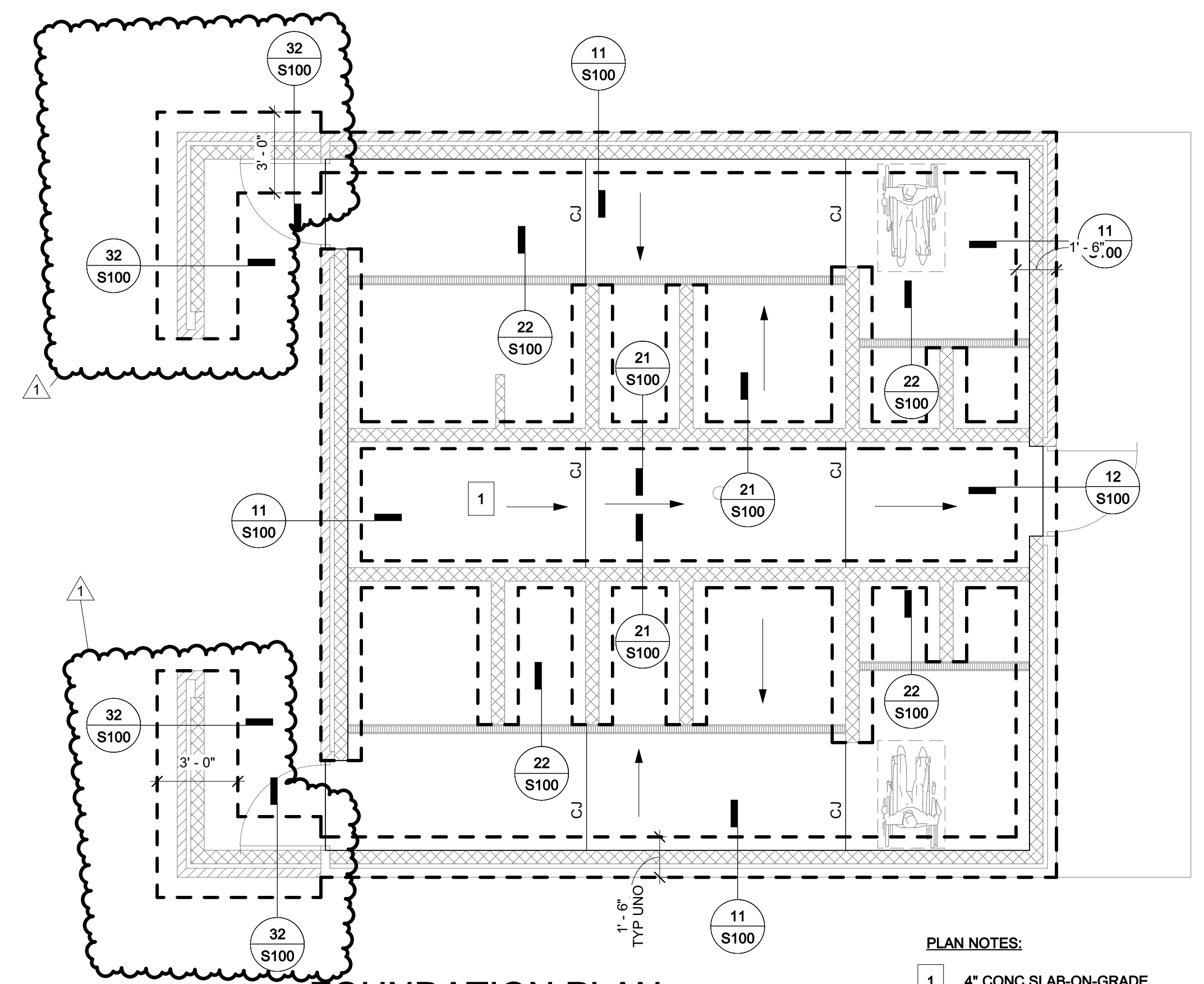
**12 TYPICAL GRADE BEAM AT MAN DOOR**  
 S100 1" = 1'-0"

SEE 11/S100 FOR INFO NOT SHOWN



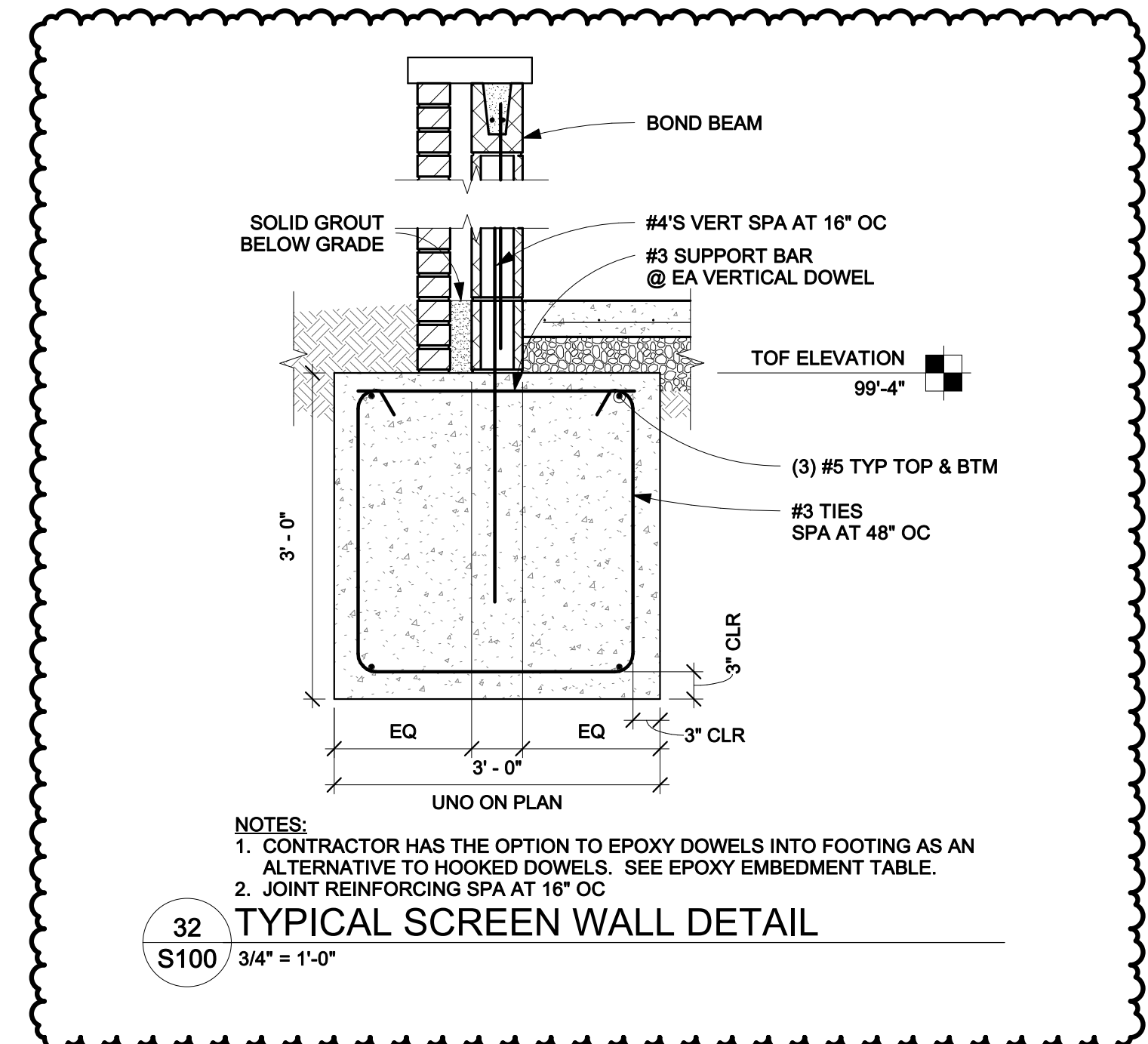
**22 TYPICAL TRENCH DRAIN DETAIL**  
 S100 1" = 1'-0"

**NOTE:**  
 PROVIDE 2-#4x2'-0" REENTRANCE BARS 2" BELOW SLAB AT EA END & EA SIDE OF TRENCH



**FOUNDATION PLAN**  
 1/4" = 1'-0"

**PLAN NOTES:**  
 1. 4" CONC SLAB-ON-GRADE REINF W/ 6X6 - W1.4XW1.4 WWR ON 10 MIL VAPOR RETARDER ON 4" CLEAN AGGREGATE ON PREPARED SUBGRADE FF = 100'-0" +/-



**32 TYPICAL SCREEN WALL DETAIL**  
 S100 3/4" = 1'-0"

**NOTES:**  
 1. CONTRACTOR HAS THE OPTION TO EPOXY DOWELS INTO FOOTING AS AN ALTERNATIVE TO HOOKED DOWELS. SEE EPOXY EMBEDMENT TABLE.  
 2. JOINT REINFORCING SPA AT 16" OC

**2024**  
**SEDGWICK COUNTY**  
**LAKE AFTON REPLACE RED BRICK - WEST**  
 MCCARTHUR ROAD

**DRAWINGS ISSUED**

NO.	DATE	ITEM ISSUED
1	10/30/28	ADDENDUM #1

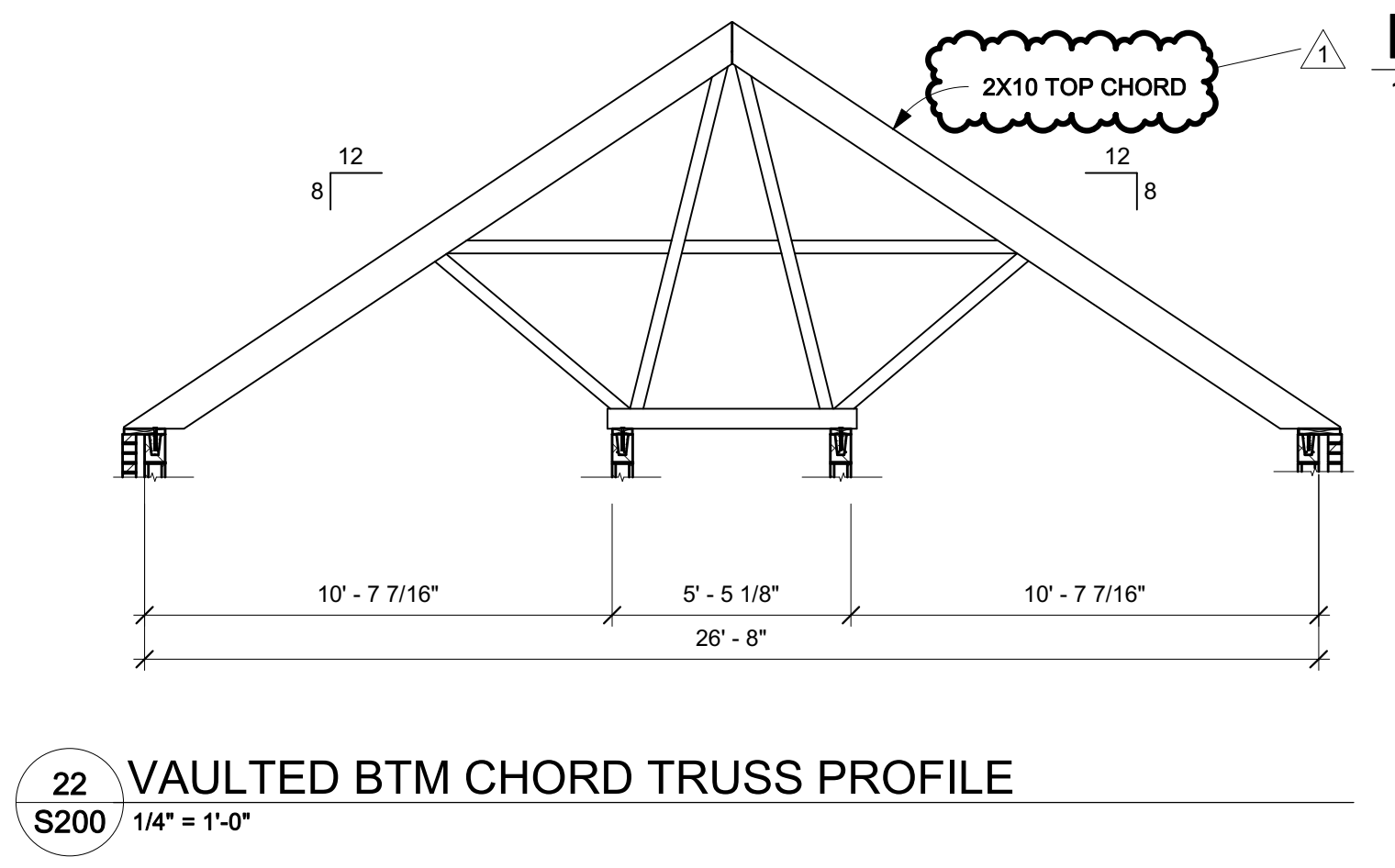
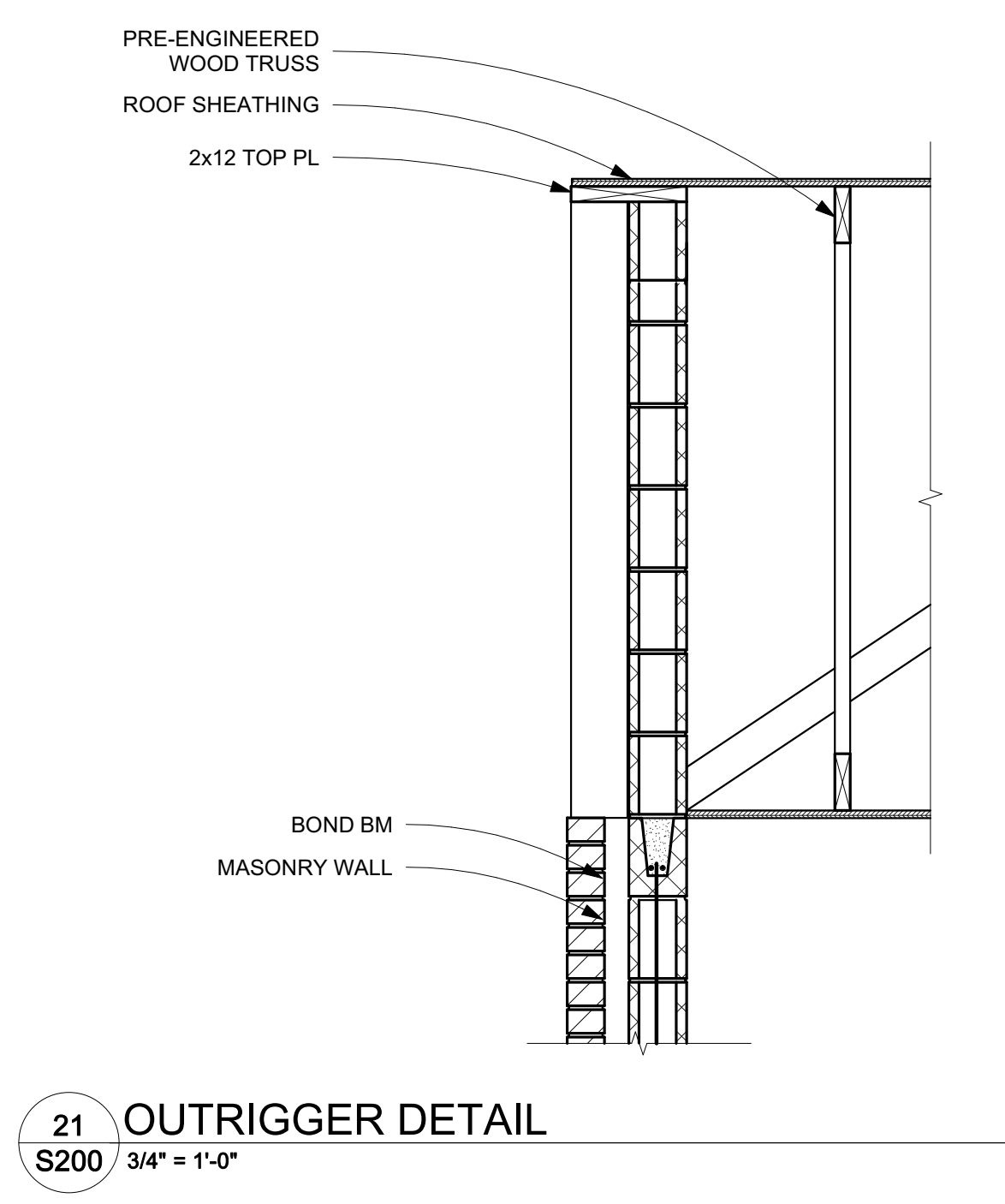
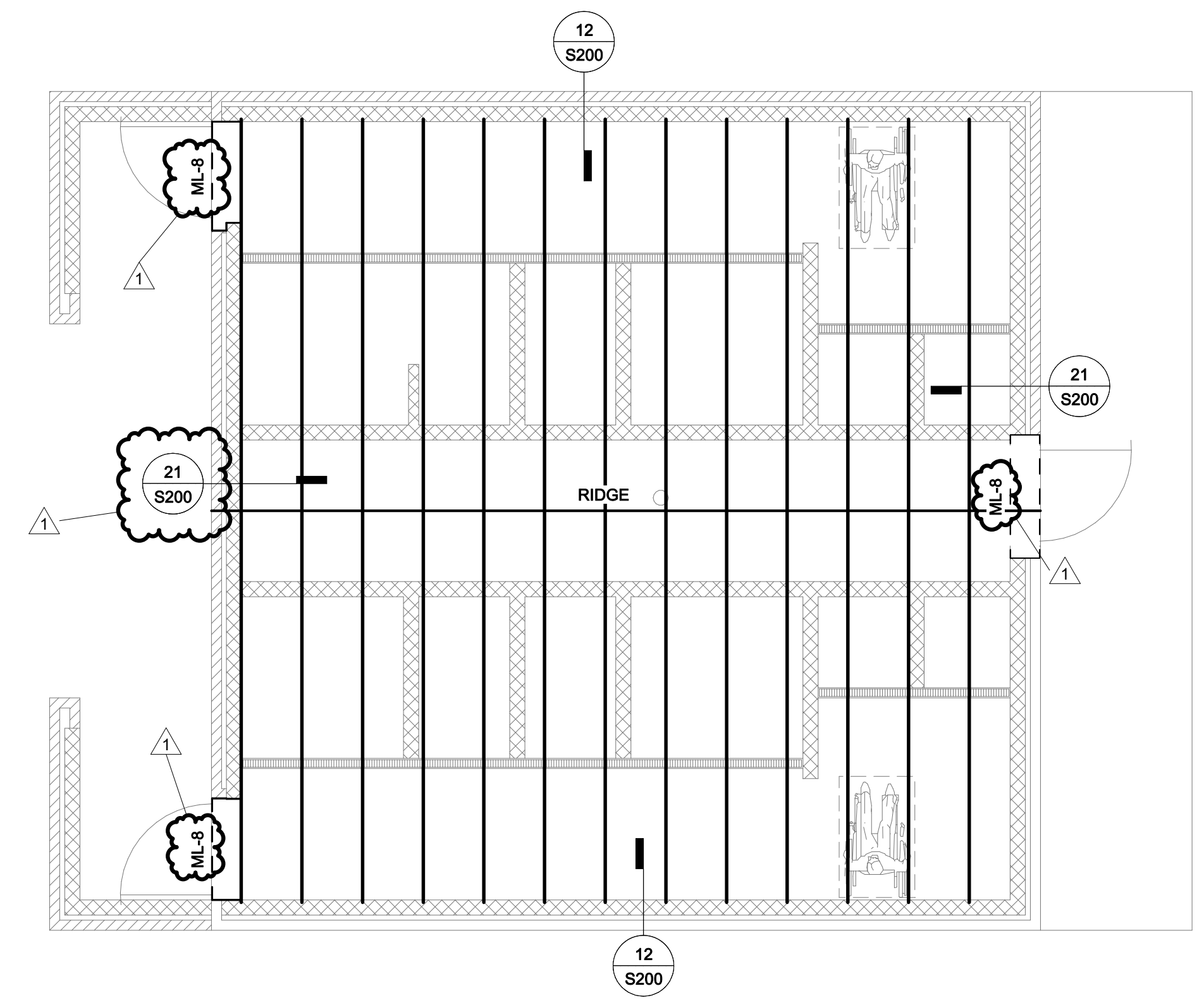
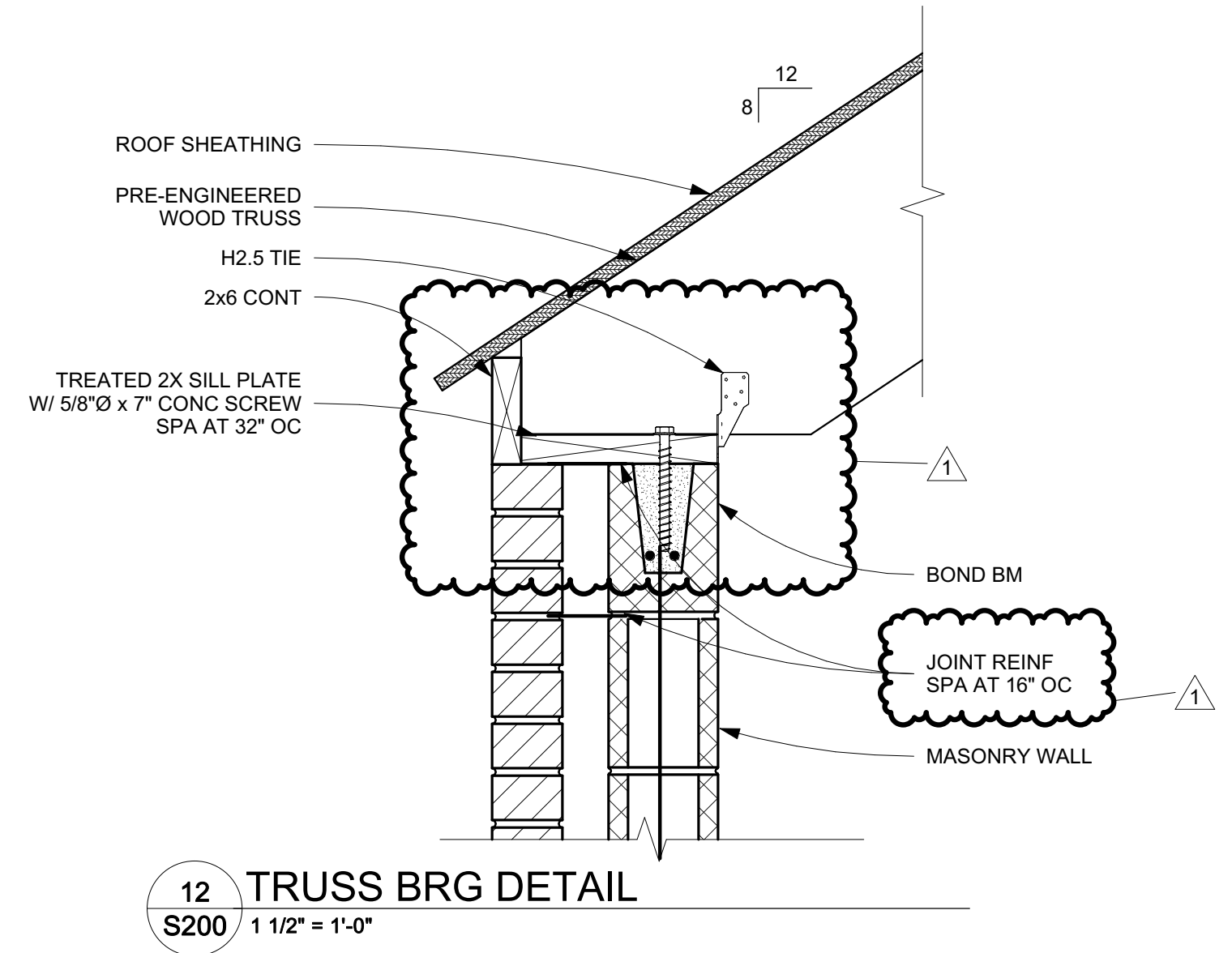
COMPUTER DRAWING

DATE: JUNE 2024  
 DRAWN BY: KEJ  
 CHECKED BY: KEJ

SHEET

**S100**  
 OF SHEETS

BINDER LINE - NOTHING PAST THIS LINE



**2024**  
**SEDGWICK COUNTY**  
**LAKE AFTON REPLACE RED BRICK - WEST**  
**MCCARTHUR ROAD**

DRAWINGS ISSUED		
NO.	DATE	ITEM ISSUED
1	10/30/28	ADDENDUM #1

**COMPUTER DRAWING**

DATE: JUN 2024

DRAWN BY: KEJ      CHECKED BY: KEJ

SHEET

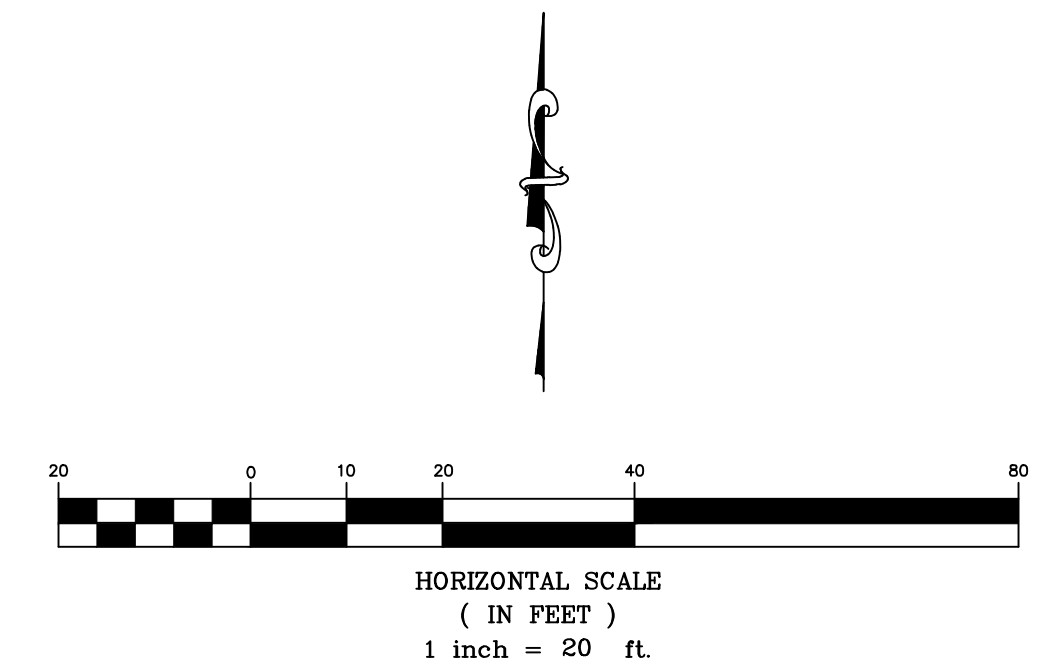
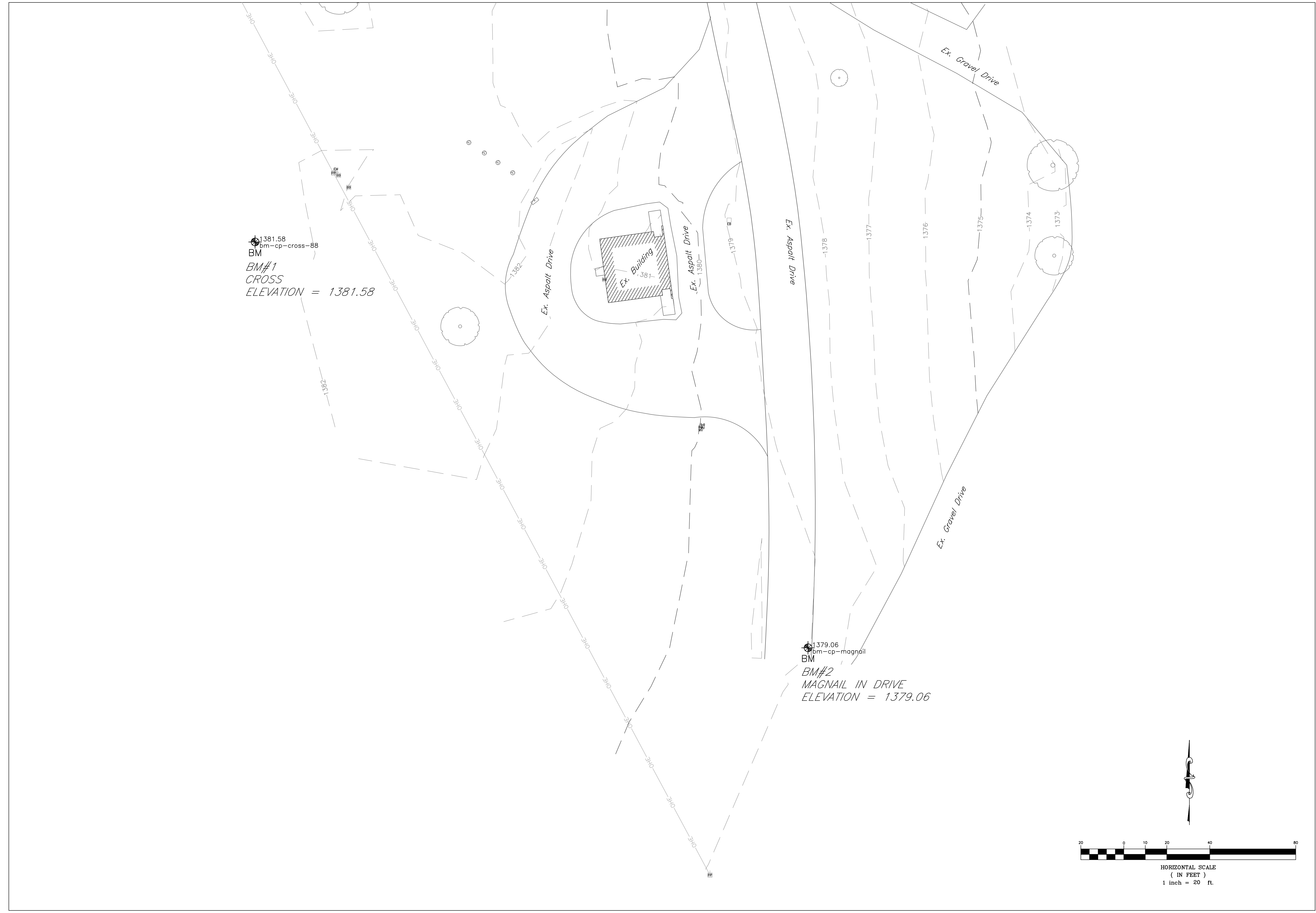
**S200**

OF SHEETS



HANNAY & ASSOCIATES, ARCHITECTS  
 1726 South Hillside, Wichita, Kansas, 67201  
 Phone (316) 683-6965  
 Fax (316) 684-1441

**2023**  
**SEDGWICK COUNTY**  
**LAKE AFTON REPLACE RED BRICK - WEST**  
**MCCARTHUR ROAD**



DRAWINGS		ISSUED	
NO.	DATE	ITEM	ISSUED
3	4/28/23	MABCD	
2	3/24/23	DESIGN REVIEW	
1	3/05/23	DESIGN REVIEW	

COMPUTER DRAWING

DATE: MARCH 2023  
 DRAWN BY: CHECKED BY:  
 MRH, CH, BS, TC MRH

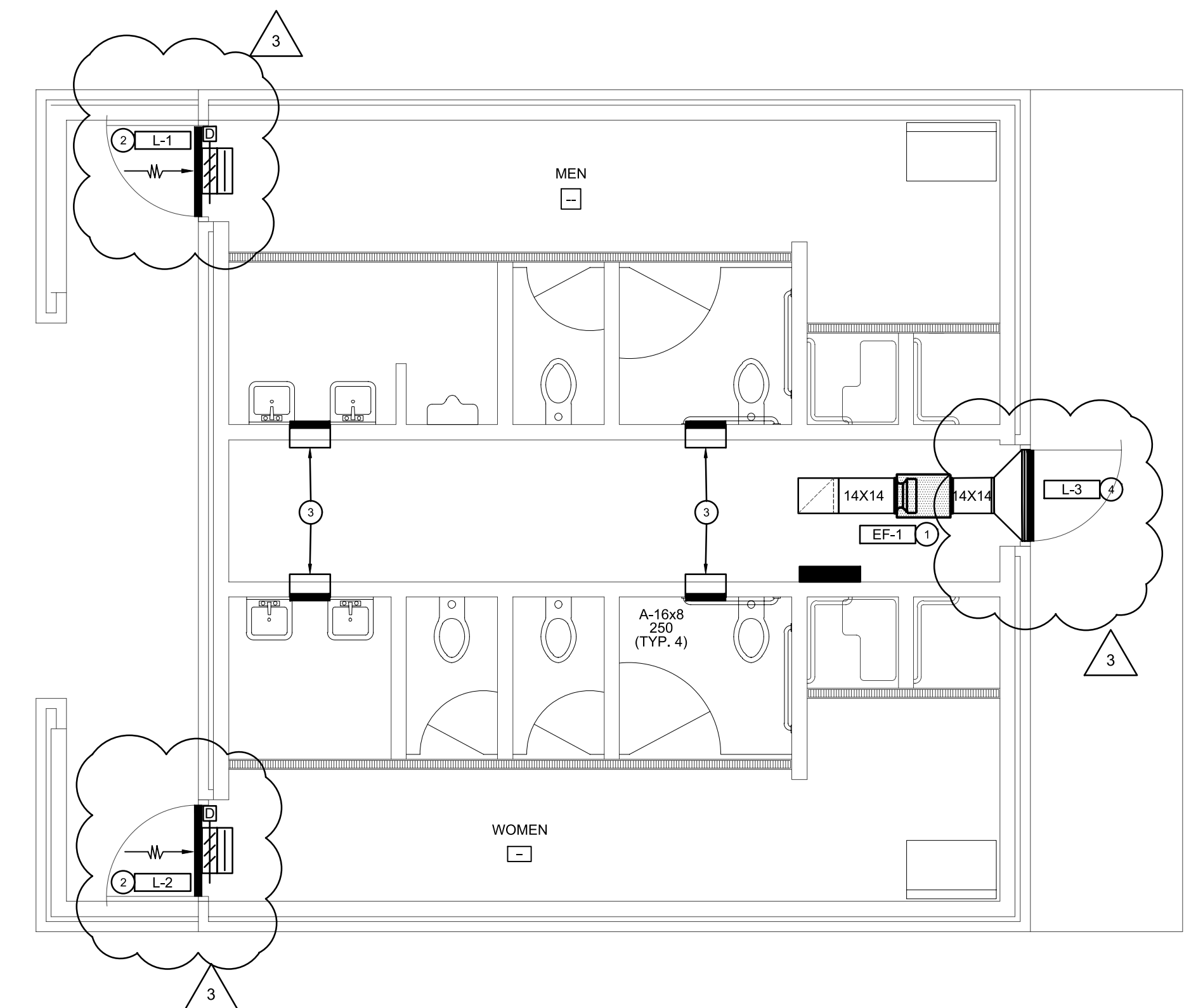
SHEET  
**C2.0**  
**Topographic**  
**Survey**  
 OF - SHEETS



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**MECHANICAL PLAN NOTES:**

- ① FURNISH & INSTALL IN-LINE EXHAUST FAN IN THE ATTIC SPACE PER MANUFACTURER RECOMMENDATIONS. ROUTE INTAKE DUCTWORK DOWN INTO CHASE AREA ABOUT 1" BELOW CEILING LEVEL. COVER OPENED ENDED DUCTWORK IN CHASE AREA WITH 1'X1' METAL SCREEN. ROUTE DISCHARGE DUCTWORK FROM FAN TO LOUVER MOUNTED ON THE EXTERIOR OF THE BUILDING. REFER TO FAN SCHEDULE AND DETAIL FOR ADDITIONAL INFORMATION.
- ② FURNISH & INSTALL LOUVER ABOVE THE DOOR. REFER TO DETAIL. PROVIDE 18'X12' DUCT WITH MANUAL CONTROL DAMPER AND FILTER RACK WITH TWO PLEATED FILTERS INSIDE THE RESTROOM. BLANK OFF THE REST OF THE LOUVER NOT COVERING THE DUCT & FILTERS WITH SHEET METAL.
- ③ INSTALL GRILLE ABOVE BOND BEAM. REFER TO ARCHITECTURAL. PROVIDE 1'X1' METAL MESH SCREEN OVER THE END OF THE DUCT LEADING INTO THE CHASE.
- ④ FURNISH & INSTALL LOUVER ABOVE THE DOOR. REFER TO DETAIL.



**A MECHANICAL PLAN**  
 SCALE: 1/4" = 1'-0"  
 NORTH

**2024**  
**SEDGWICK COUNTY**  
**LAKE AFTON REPLACE RED BRICK**  
**WEST MCCARTHUR ROAD**

DRAWINGS		ISSUED	
NO.	DATE	ITEM	ISSUED
3	10/29/24	ADDENDUM 1	
2	9/19/24	CODE COMMENTS	
1	9/10/24	MABCD	

COMPUTER DRAWING

DATE: AUGUST 2024  
 DRAWN BY: JM CHECKED BY: SM

MI.I  
 OF SHEETS



# PLUMBING FIXTURE SCHEDULE

P-NO.	FIXTURE	MAN.	MODEL	SIZE	MATERIAL	MOUNTING	MOUNTING HEIGHTS	FLUSH VALVE/TANK	NO. OF FAUCET HOLE	ADA COMPLIANT	CARRIER	TRIM				ROUGH-IN SIZES			NOTES		
												FAUCET/ VALVE MAN.	FAUCET/ VALVE MODEL	STRAINER	HOSE & SPRAY SOAP DISP.	WASTE	VENT	WATER		HOT	COLD
P1.1	WATER CLOSET	MURDOCK	1000	N/A	SS	W	1	V	1	●	●	●	●	●	●	●	4"	4"	2"	1 1/4"	2,3
P1.2	WATER CLOSET	MURDOCK	1000	N/A	SS	W	2	V	1	●	●	●	●	●	●	●	4"	4"	2"	1 1/4"	2,3
P2.1	URINAL	MURDOCK	1037	N/A	SS	W	6	V	1	●	●	●	●	●	●	●	2"	2"	1 1/2"	3/4"	3
P3.1	LAVATORY	MURDOCK	1011-2	14"x12"	SS	W	8	-	1	●	●	●	●	●	●	●	1-1/2"	2"	1-1/2"	1/2"	3,4,14
P3.2	LAVATORY	MURDOCK	1011-2	14"x12"	SS	W	9	-	1	●	●	●	●	●	●	●	1-1/2"	2"	1-1/2"	1/2"	3,4,14
P8.1	SHOWER	ZURN	27500	N/A	SS	W	13	-	-	●	●	●	●	●	●	●	2"	1-1/2"	1/2"	1/2"	13
P8.2	SHOWER	ZURN	27500	N/A	SS	-	14	-	-	●	●	●	●	●	●	●	2"	1-1/2"	1/2"	1/2"	15,16

**SCHEDULE LEGEND**

MATERIAL	MOUNTING HEIGHTS	STRAINER TYPE
VC VITREOUS CHINA SS STAINLESS STEEL T TERRAZZO CI CAST IRON MS MOLDED STONE ES EPOXY PAINTED STEEL A ACRYLIC V VINYL S SOLID SURFACE	1. RIM AT 17" A.F.F. (TOP OF SEAT AT 19" MAX.) - VALVE OPERATOR AT 48" A.F.F. MAX. (ADA) 2. RIM AT 15" A.F.F. - COORDINATE WITH ARCHITECT 3. TOP OF SEAT AT 19" MAX. - VALVE OPERATOR AT 48" A.F.F. MAX. (ADA) 4. TOP OF SEAT AT 12"(AGES 3-4) [15"(AGES 5-8)] [17"(AGES 9-12)] - VALVE OPERATOR AT 36" A.F.F. MAX. (ADA) 5. TOP OF SEAT AT 19" MAX. (ADA) 6. LIP AT 17" A.F.F. - VALVE OPERATOR AT 48" A.F.F. MAX. (ADA) 7. LIP AT 24" A.F.F. 8. RIM AT 34" A.F.F. MAX. (ADA) 9. RIM AT 31" A.F.F. - COORDINATE WITH ARCHITECT 10. HIGH SPOUT OUTLET AT 38" MIN. A.F.F. AND 43" MAX. A.F.F. - LOW SPOUT OUTLET AT 36" A.F.F. (ADA) 11. SPOUT OUTLET AT 36" A.F.F. (ADA) 12. SPOUT OUTLET AT 38" MIN. A.F.F. AND 43" MAX. A.F.F. 13. SHOWER HEAD SLIDE BAR AND CONTROLS MOUNTED AT 48" A.F.F. MAX. (ADA) 14. MOUNT SHOWER HEAD AT 6-8" A.F.F. FOR BOYS SHOWER AND 6-8" A.F.F. FOR GIRLS SHOWER. 15. COORDINATE FINAL MOUNTING HEIGHT WITH EQUIPMENT PROVIDED BY OTHERS	1. GRID 2. BASKET 3. POP-UP 4. PRESS-FLO CLOSURE 5. (3) ELKAY MODEL LK24RT ROTARY LEVER OPERATED DRAIN OUTLETS 6. TUB DRAIN

- NOTES:**
- PROVIDE WITH TRIP LEVER ON WIDE SIDE OF FIXTURE.
  - PROVIDE WITH WHITE OPEN-FRONT SEAT, LESS COVER.
  - ELECTRONIC SENSOR OPERATED FLUSH VALVES / FAUCETS SHALL BE BATTERY POWERED.
  - PROVIDE AND INSTALL TRUEBRO MODEL 103 INSULATION, WITH ONE P-TRAP COVER, TWO ANGLE VALVE AND SUPPLY COVERS, AND ONE OFFSET TAILPIECE WHEEL CHAIR COVER. FIXTURES EQUIPPED WITH ARCHITECTURAL KNEE / UNDER-COUNTER SHROUDS DO NOT REQUIRE INSULATION.
  - PROVIDE LEAD-FREE POWERS LFE480 MIXING VALVE (OR EQUAL) TO MAINTAIN LAVATORY TEMPERATURE AT 110°F.
  - COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD COLORS. SET THERMOSTATIC MIXING VALVE AT 110°F.
  - PROVIDE UNIT WITH 'A' DRAIN TYPE, INFRARED CONTROLS, STANDARD PEDESTAL HEIGHT, THERMOSTATIC MIXING VALVE, AND BACK SPLASH.
  - SUPPLY FAUCET WITH RIGID SPOUT.
  - SUPPLY FAUCET WITH SWIVEL SPOUT.
  - PROVIDE MOP HANGER, HOSE AND HOSE BRACKET, AND STAINLESS STEEL WALL GUARD.
  - PROVIDE OPTIONAL APRON INSTALLED BELOW UPPER UNIT TO COMPLY WITH ADA GUIDELINES.
  - INSTALL BOTTLE FILLING STATION ABOVE LOW CABINET UNIT.
  - PROVIDE 1/2 TEMP GUARD INSTITUTIONAL FIXED SHOWER HEAD WITH 1.5 GPM WATER SAVER FLOW CONTROL AND SHROUD EXTENSION TO CEILING (VERIFY EXACT REQUIREMENTS WITH ARCHITECTURAL PLANS).
  - INSTALL FAUCET LESS 4" TRIM PLATE.
  - PROVIDE WITH DELTA MODEL R10000-UNWS UNIVERSAL ROUGH-IN VALVE BODY.
  - COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD COLORS.

# GRILLES, REGISTERS, & DIFFUSERS SCHEDULE

MARK	USE	LOCATION	FINISH	MATERIAL	MOUNTING	NECK SIZE	FACE SIZE	MODEL NO.	ACCESSORIES	NOTES
A	EXHAUST	WALL	WHITE	STEEL	SURFACE	SEE PLAN	16X8	97	-	1,2,4,5

- NOTES:**
- MODEL NUMBERS ARE BASED ON PRICE.
  - CALLOUTS ON DRAWINGS INDICATE NECK SIZE, CFM, AND SCHEDULE MARK.
  - SLOT DIFFUSER CALLOUTS INDICATE LENGTH OF DIFFUSER, NUMBER OF SLOTS, CFM, AND THROW PATTERN.
  - M.C. SHALL FABRICATE NECESSARY RECTANGULAR TO ROUND ADAPTERS AT ALL GRILLE CONNECTIONS.
  - ALL SURFACES VISIBLE THROUGH FACE OF GRILLE/DIFFUSER SHALL BE PAINTED FLAT BLACK.

# WATER HEATER SCHEDULE

MARK	TYPE	STOR. CAP. GALLONS	RECOVERY G.P.H. (G.P.M.)	DEG. RISE	INPUT MBH	VENT DIA.	INTAKE DIA.	GAS		ELECTRIC			EXP. TANK	MODEL
								HP	AMPS	NO. OF ELEMENTS	ELEMENT KW	VOLTAGE		
EW-1	TANK	108	34	72	-	-	-	-	-	2	6	240/60/1	ST-12	DEN-120

- NOTES:**
- MODEL NUMBERS ARE BASED ON AO SMITH WATER HEATERS.
  - EXPANSION TANK BY AMTROL.

# FAN SCHEDULE

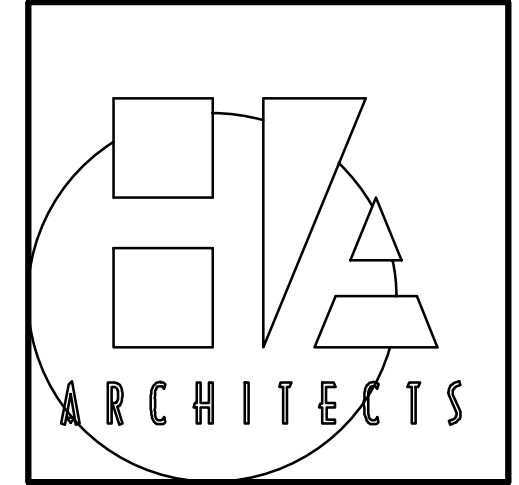
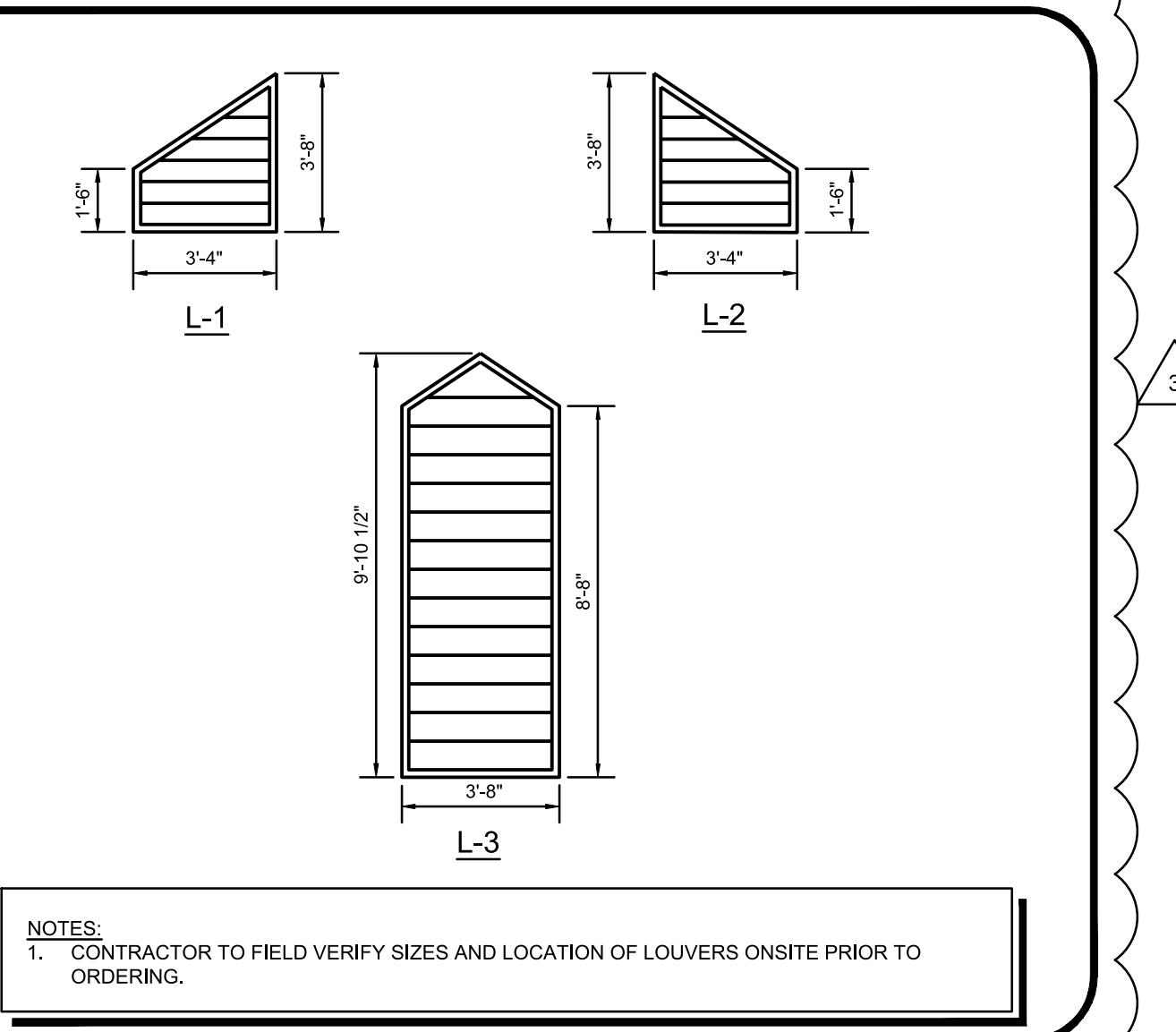
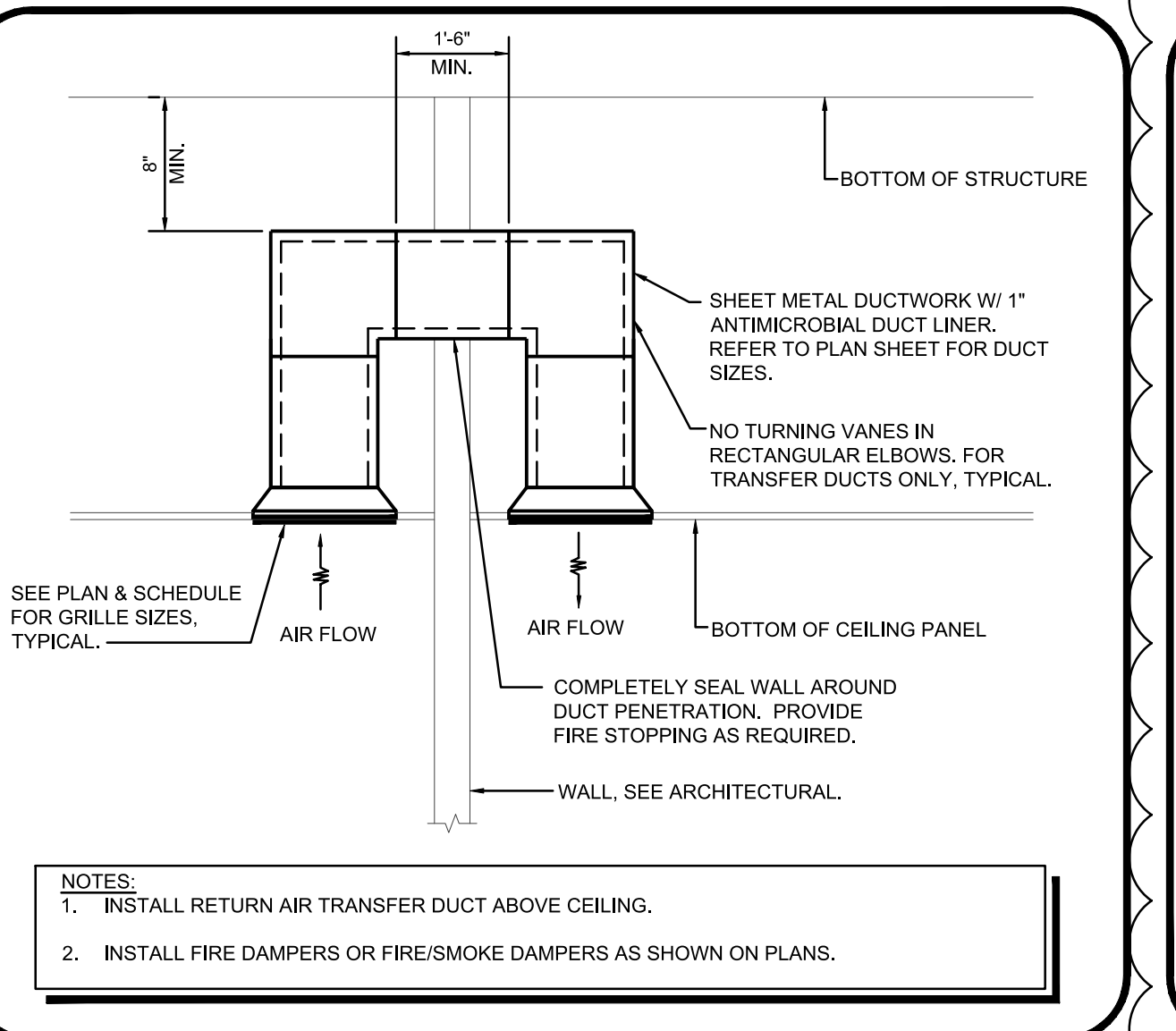
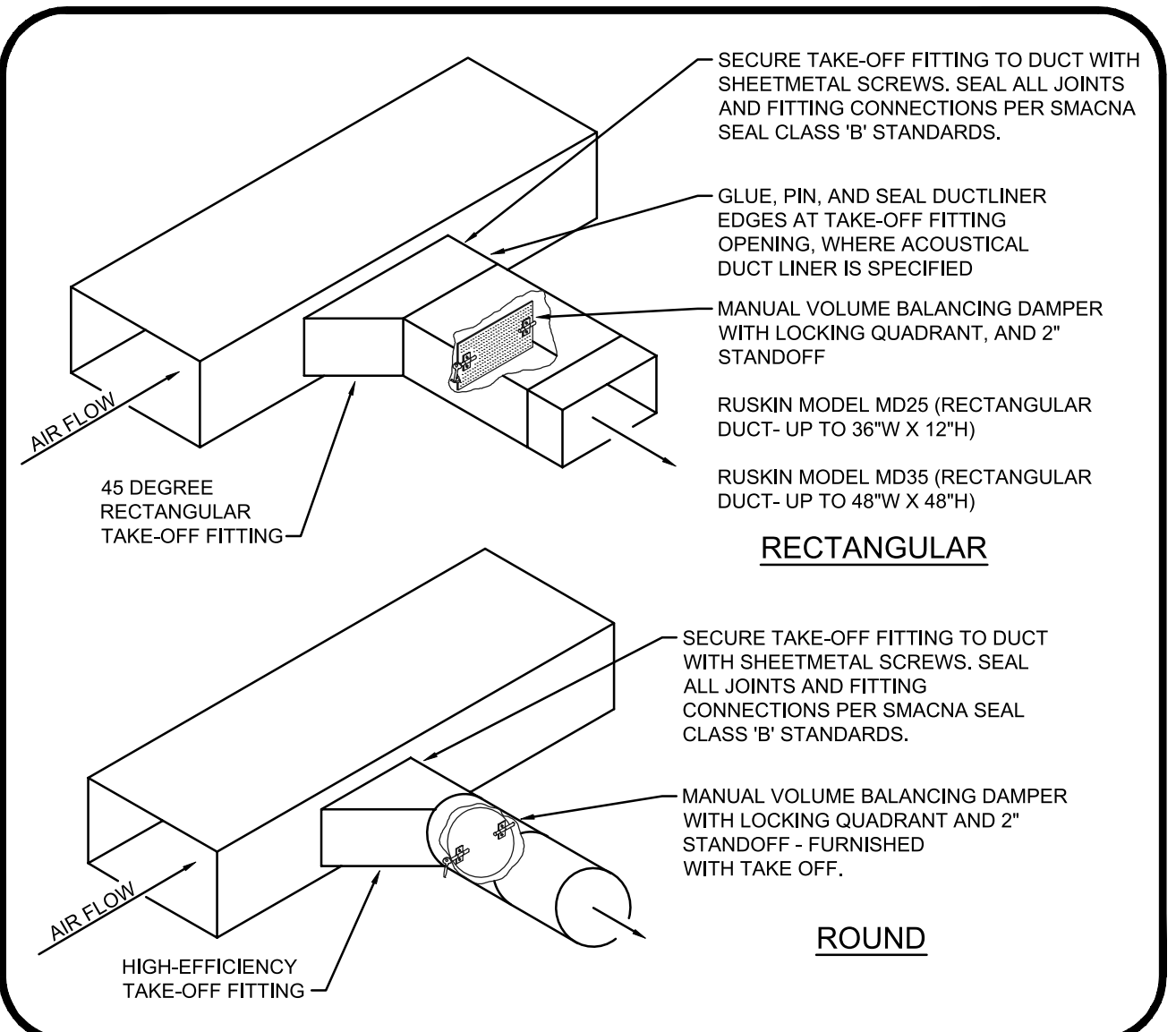
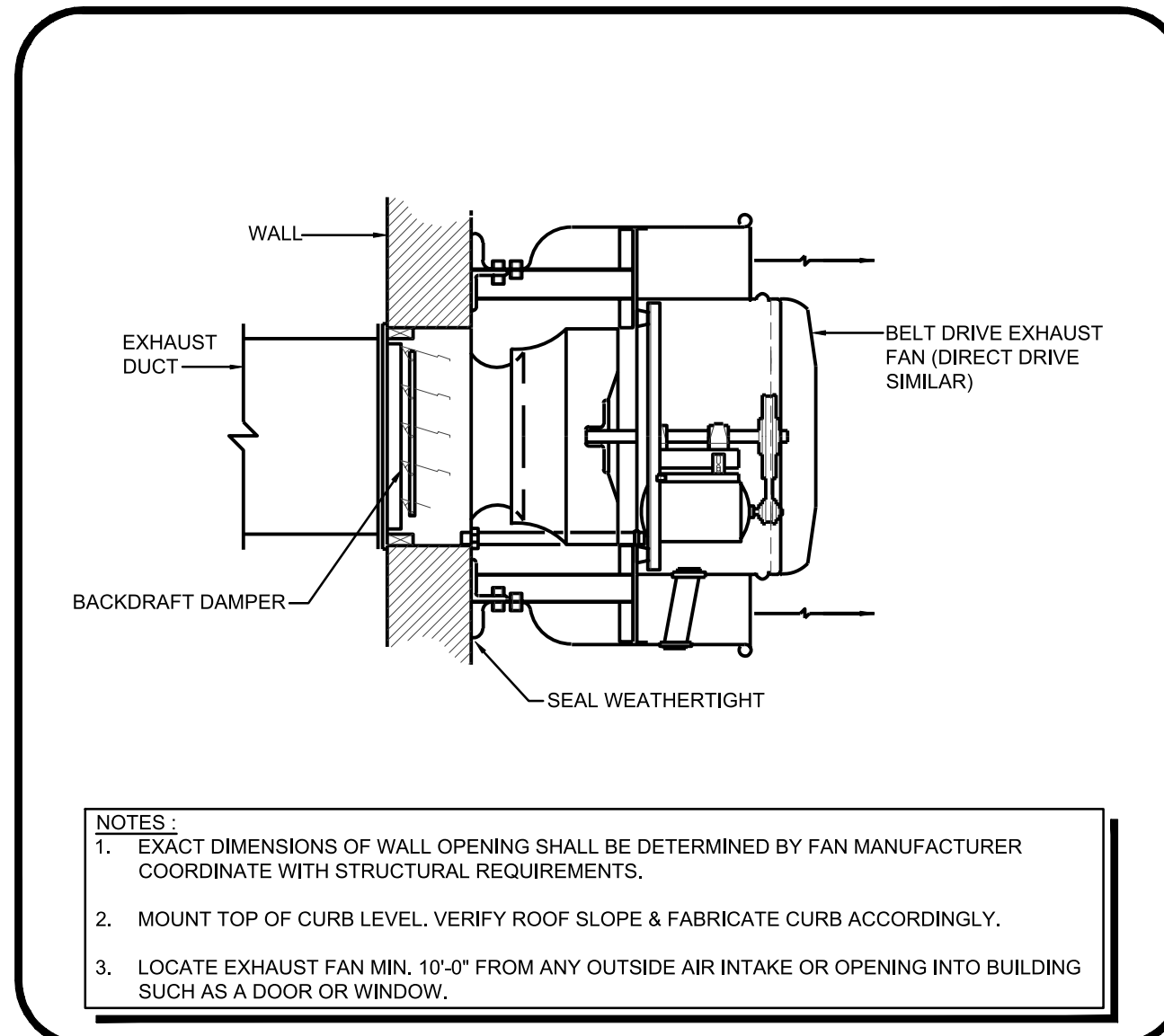
MARK	MANUF.	MODEL NUMBER	CFM	E.S.P. (IN.)	AIR TEMP DEG.	SONES	FAN		MOTOR		FAN CONTROL					NOTES				
							RPM	TIP SPEED	O.V.	DRIVE	HP (MAX. WATTS)	ELECTRICAL	SWITCH WEIGHTS	PILOTTED WALL SWITCH	THERMOSTAT CONTROLLED		DDC CONTROLS	KITCHEN HOOD	CONTINUOUS OPERATION	DISHWASHER CONTROL CIRCUIT
EF-1	GREENHECK	SQ-100	1,000	0.64	70	10.6	1,725	-	861	DIRECT	1/4	230/1	●	-	-	-	-	-	-	1

- NOTES:**
- MODEL NUMBERS ARE BASED ON GREENHECK FANS.
  - SEE SPECIFICATIONS FOR FAN TYPES AND ACCESSORIES.
  - ALL SWITCHES, INTERLOCKS, RELAYS, TRANSFORMERS, TIMECLOCKS, ETC., SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE ELECTRICAL PLANS.
  - ALL BELT DRIVE FAN SELECTIONS SHALL INCLUDE DRIVE LOSSES.

# LOUVER SCHEDULE

MARK	MFG.	MODEL	SIZE (WxH)(IN.)	SERVICE	ROOM	MATERIAL	FRAME / BLADE THICKNESS	DEPTH	FREE AREA (SF MIN.)	MAX. FREE AREA VELOCITY (FPM)	CFM	PRESSURE DROP (IN.)	NOTES
L-1	RUSKIN	ELF6375DXH	3'-4"x3'-8"	INTAKE	MENS	ALUMINUM	.125"	6"	.625	800	500	-	1
L-2	RUSKIN	ELF6375DXH	3'-4"x3'-8"	INTAKE	WOMENS	ALUMINUM	.125"	6"	.625	800	500	-	1
L-3	RUSKIN	ELF6375DXH	3'-8"x9'-10"	EXHAUST	CHASE	ALUMINUM	.125"	6"	1.25	800	1000	-	1

- NOTES:**
- LOUVER TYPE SHOULD BE EQUAL TO MODEL SHOWN AND AMENDED AS NEEDED FOR CUSTOM SHAPE.



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2	9/19/24	CODE COMMENTS
1	9/10/24	MABCD

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