

**ADDENDUM**

Client: V.I.T. CUSD #2  
 Project Name: New Industrial Arts Building  
 Project Number: 6528  
 Addendum Number: 1  
 Issued: 05/02/2024

This addendum becomes a part of the bidding and contract documents and modifies the drawings and specifications dated April 19, 2024. Acknowledge receipt of this addendum by noting such on the Contractor's Proposal (Bid) Form.

**FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION**

This addendum and all future addenda with a Plan Holders List will be also be posted on the website of Architecthnics and updated daily. Check the Current Projects tab on the site: [www.architecthnicsinc.com](http://www.architecthnicsinc.com)

**THIS ADDENDUM DOES NOT CHANGE THE BID DATE**

ITEM	DESCRIPTION	NOTES
<b>GENERAL</b>		
Electrical	Clarify	All conduit can be surface mounted on metal panels. Min 3/4".
Site	Add	<p>Contractor is responsible for chain link style portable safety fencing for project safety.</p> <p>Contractors shall patch gravel roads, bituminous pavement, concrete sidewalks with like materials as required for utility and other site work. Utility infrastructure can be trenched or bored.</p> <p>No tapping fees for extending water service from existing building.</p> <p>All gas/electric connection fees will be paid by the owner. Not in Contract. See plans for additional information.</p> <p>ROE Building Permit By Owner</p>

## **SPECIFICATIONS**

Section 00 0110	Delete	Delete Section 02 4119 "Selective Demolition" from the Project Manual.
Section 07 2119 2.01(A)	Add	Holcim is an approved manufacturer.
Section 07 2119 2.02(A)	Clarify	Insulation shall be open cell, not closed cell.
Section 08 3613 2.01(A)	Add	Wayne-Dalton is an approved manufacturer.
Section 09 5100	Add	Acoustical Ceilings section is attached and shall be added to the Project Manual.
Section 13 3418	Add	Post Frame Building System supplier shall belong to the National Frame Building Association and can meet or exceed any warranties listed.

## **DRAWINGS**

Drawing C101	Replace	See new revised sheet.
Drawing A202	Replace	See new revised sheet.
Drawing A401	Replace	See new revised sheet.
Drawing S101	Replace	Added foundation detail marks relating to foundation details. Replace entire sheet with new S101
Drawing S300	Replace	Added foundation details. Replace entire sheet with new S300
Drawing P101	Replace	See new revised sheet.
Drawings M101, M102	Add	See attached information on Captiveaire 7224VHB Hood and DU85HFA Exhaust Fan.
Drawing E101, E201	Replace	See new revised sheets.

Drawing E301

Add

All fire alarm wiring shall be installed in conduit.  
Coordinate with district FA vendor listed on plan for a  
complete fire alarm system.

This addendum consists of 3 pages; current Plan Holders List; Pre-Bid Attendance Record, Specifications 09 5100, Revised Drawings C101, A202, A401, S101, S300, P101, Captiveaire Hood and Fan specs, Revised Drawings E101, E201.

# RECORD OF PLANS AND SPECIFICATIONS

PAGE NO. OneNAME OF PROJECT VIT Industrial Arts BuildingPROJECT NO. 6528 DATE BIDS DUE Tuesday, May 7, 2024 DEPOSIT \$50.00TIME AND PLACE OF LETTING 3:30 PMVIT CUSD

\*\*\* Indicates Potential Bidding Contractor

CONTRACTOR NAME ADDRESS/PHONE/EMAIL	COPY NO.	DATE RECEIVED	DATE RETURNED	DEPOSIT RECEIVED	DEPOSIT RETURNED
Architect	#1				
Owner	#2				
Peters Heating & A/C 4520 Broadway Quincy, IL 62305 217-222-1368 Fax 217-222-1088 jhoward@petershvac.net	D	4/24/2024			
*** Hein Construction 9130 N Industrial Road Peoria, IL 61615 309-691-4774 309-691-4673 jstags@heinconstruction.com	D	4/24/2024			
Batson Ace Hardware 426 E Main St Bushnell, IL 61422 309-772-3700 batsonsacehardware@yahoo.com	D	4/24/2024			
*** SDM Construction 11393 Old Macomb Rd Rushville, IL 62681 217242880-9 sdmconstruction08@gmail.com	D	4/24/2024			
Arnold Bros. Heating Cooling 1729 West Jackson St. Macomb, IL 61455 309-833-2852 Fax: 309-833-1523 Info@arnbros.com	D	4/24/2024			
Rupp Masonry 2001 Jefferson St #111 Quincy, IL 62301 217 257-0367 mail@rupp1.com	D	4/24/2024			
Fabcon Precast 3373 Busch Dr. Grandville, MI 49418 616-224-6186 matt.vantol@fabconprecast.com	D	4/24/2024			
*** Laverdiere Construction 4055 W. Jackson Macomb, IL 61455 309-837-1258 Fax 309-833-4993 janderson@lavconinc.com	D	4/24/2024			

# RECORD OF PLANS AND SPECIFICATIONS

NAME OF PROJECT

VIT Industrial Arts Building

PROJECT NO. 6528

DEPOSIT: \$50.00

CONTRACTOR NAME ADDRESS/PHONE/EMAIL	COPY NO.	DATE RECEIVED	DATE RETURNED	DEPOSIT RECEIVED	DEPOSIT RETURNED
*** CAD Construction 508 East Pearl Street #A1 Tremont, IL 61568 309-925-2092 Fax: 309-925-2091 nate@cadconstructioninc.com	D	4/24/2024			
*** Trotter General Contracting, Inc 900 Doran Drive Macomb, IL 61455 309-836-5040 Fax: 309-836-3756 tgci820@yahoo.com	D	4/24/2024			
St. Louis Prestress 16 Commercial Ct. Glen Carbon, IL 62034 618-656-8934  kyle.varble@stlprestress.com	D	4/24/2024			
Otto Baum Company, Inc. 866 N. Main Street Morton, Illinois 61550 309-266-7114 Fax: 309-263-1050 estimating@ottobaum.com	D	4/24/2024			
Kelly Glass 2400 S.W. Adams St. Peoria, IL 61602 309-676-3573 fax: 309.676.3722 Sales@kellyglass.com	D	4/24/2024			
Southern Illinois Builders Associatio 1468 Green Mount Road O'Fallon IL 62269 618-624-9055 Fax: 618-624-9065 projects@siba-agc.org	D	4/24/2024			
RJI Sales 221 Chesterfield Industrial Blvd Chesterfield, MO 63005 636-532-1050 Fax: 636-532-5464 norman.rhea@rji-sales.com	D	4/24/2024			
*** Leander Construction 24472 North County Highway 6 Canton, IL 61520 309-647-7400 Fax: 309 647-7401 ryan@leanderconstructioninc.com	D	4/24/2024			
Mid-States Concrete Industries 500 South Park Avenue South Beloit, IL 61080 800-236-1072  t.yaun@msprecast.com	D	4/25/2024			
Dragoo Painting PO Box 722 Peoria, IL 61652 309-686-0782 Fax: 309-383-4364 dragoopt@mtco.com	D	4/25/2024			

# RECORD OF PLANS AND SPECIFICATIONS

NAME OF PROJECT

VIT Industrial Arts Building

PROJECT NO. **6528**

DEPOSIT: **\$50.00**

CONTRACTOR NAME ADDRESS/PHONE/EMAIL	COPY NO.	DATE RECEIVED	DATE RETURNED	DEPOSIT RECEIVED	DEPOSIT RETURNED
Johnson Plumbing Inc. 295 East Penn. Ave Roseville, IL 61473 309-426-7586  johnsonplumbing99@hotmail.com	D	4/25/2024			
Menards - Quincy  217-228-5112 Fax: 217-228-1333 QNCYBuildingmaterials@menards.c	D	4/25/2024			
*** Midwest Construction Professionals 520 E Highland Morton, IL 61550 309-291-0913  jeff@midconpro.com	D	4/25/2024			
Montefusco HVAC, Inc. 2200 W Altorfer Dr D Peoria, IL 61615 309-691-7400  wes@montefuscohvac.com	D	4/25/2024			
*** Conley Concrete Construction 703 E North St Knoxville, IL 61448 309-368-0143  jlorenzen@conleyconcreteconstructi	D	4/25/2024			
Standard Heating & Cooling 906 S.W. ADAMS PEORIA, ILLINOIS 61602 309-671-5417 Fax: 309-671-5405 bewalt@standardheat.com	D	4/25/2024			
Construction.com  darlene.baker-mann@construction.c	D	4/26/2024			
*** Veterans Construction 219 N Jackson St Rushville, IL 62681 217-248-9055  dextergoddard2008@gmail.com	D	4/26/2024			
*** Blunier Builders 97 Eastgate Dr Washington, IL 61571 309-467-4847  jake.bond@blunierbuilders.com	D	4/26/2024			
United Contractors Midwest 121 W. Park Street Tremont, Illinois 61568 309-925-2711 309-925-7131 brandon.beck@ucm.biz	D	4/29/2024			

# RECORD OF PLANS AND SPECIFICATIONS

NAME OF PROJECT

VIT Industrial Arts Building

PROJECT NO. **6528**

DEPOSIT: **\$50.00**

CONTRACTOR NAME ADDRESS/PHONE/EMAIL	COPY NO.	DATE RECEIVED	DATE RETURNED	DEPOSIT RECEIVED	DEPOSIT RETURNED
Commercial Mechanical Inc. 50 N 1st St Dunlap, IL 61525 309-243-7768  jessica@cmipiping.com	D	4/29/2024			
Morton Buildings, Inc 252 W Adams Morton, IL 61550 309-263-6486 Fax: 309-263-3600 Steve.Hamm@mortonbuildings.com	D	5/1/2024			
Accu Air 851 E South St Ipava, IL 61441 309-303-6141  mwoodsaa@gmail.com	D	5/1/2024			
Construct Connect 3825 Edwards Road, STE. 800 Cincinnati, OH 45209 800-364-2059  content@constructconnect.com	D	5/2/2024			
***Johnco Construction, Inc 107 W First St Mackinaw, IL 61755 309-359-3000 Fax: 309-359-3900 bobberns@johncoconstruction.com	D	5/2/2024			

# ARCHITECHNICS

ARCHITECTS • ENGINEERS • INTERIOR DESIGNERS

510 Maine Street • Quincy, Illinois 62301 • 217.222.0554



## ATTENDANCE RECORD

Project No.: 6528

Project Name: VIT Industrial Arts Building

Tabler Grove, IL

Meeting Description: Pre-Bid

Date: April 30, 2024

Time: 10:00 AM

Place: VIT CUSD

### Attendant

Name & Title	Representing	Phone Number/email
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1. Isaac Miller	Architechnics	217-222-0554 imiller@architechnicsinc.com
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2. Brian Spencer	Architechnics	217-222-0554 bspencer@architechnicsinc.com
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3. Matt Klaska	VIT	mklaska@vitz.org
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4. Jeff Pfeleber	MCP	Jeff@midconpro.com
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5. Aaron Quisenberry	Quick Electric	AQ@QUICKELECTRIC.NET
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6. Billy Cramer	Laverdiere	bcramer@lavconinc.com
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7. Ryan Phipps	CAD Const. Inc	RYAN@CADCONSTRUCTIONINC.COM
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8. David Staggs	HEIN CONSTRUCTION	JSTAGGS@HEINCONSTRUCTION.COM
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**SECTION 09 5100  
ACOUSTICAL CEILINGS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Suspended metal grid ceiling system.
- B. Acoustical units.

**1.02 REFERENCE STANDARDS**

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- B. ASTM C635/C635M - Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings; 2022.
- C. ASTM E1264 - Standard Classification for Acoustical Ceiling Products; 2023.

**1.03 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on suspension system components and acoustical units.

**1.04 QUALITY ASSURANCE**

- A. Suspension System Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.
- B. Acoustical Unit Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

**1.05 FIELD CONDITIONS**

- A. Maintain uniform temperature of minimum 60 degrees F, and maximum humidity of 40 percent prior to, during, and after acoustical unit installation.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Acoustic Tiles/Panels:
  - 1. Armstrong World Industries, Inc: [www.armstrongceilings.com/#sle](http://www.armstrongceilings.com/#sle).
  - 2. Certainteed Architectural: [www.certainteed.com/ceilings-and-walls/#sle](http://www.certainteed.com/ceilings-and-walls/#sle).
  - 3. USG Corporation: [www.usg.com/ceilings/#sle](http://www.usg.com/ceilings/#sle).
  - 4. Substitutions: See Section 01 6000 - Product Requirements.
- B. Suspension Systems:
  - 1. Same as for acoustical units.

**2.02 ACOUSTICAL UNITS**

- A. Acoustical Units - General: ASTM E1264, Class A.
- B. Acoustical Panels: Painted mineral fiber, with the following characteristics:
  - 1. Classification: ASTM E1264 Type III.
  - 2. Size: 24 by 24 inches.
  - 3. Thickness: 3/4 inch.
  - 4. Panel Edge: Square.
  - 5. Color: As selected by Architect.
  - 6. Suspension System: Exposed grid.
- C. Acoustical Panels, Type \_\_\_\_: Mineral fiber with membrane-faced overlay, with the following characteristics:
  - 1. Application(s): Toilet rooms.

2. Classification: ASTM E1264 Type IV.
3. Size: 24 by 24 inches.
4. Thickness: 3/4 inch.
5. Panel Edge: Square.
6. Color: As selected by Architect.
7. Suspension System: Exposed grid.

### **2.03 SUSPENSION SYSTEM(S)**

- A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with perimeter moldings, hold down clips, stabilizer bars, clips, and splices as required.
- B. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with perimeter moldings, hold down clips, stabilizer bars, clips, and splices as required.
  1. Materials:
    - a. Steel Grid: ASTM A653/A653M, G30 coating, unless otherwise indicated.

### **2.04 ACCESSORIES**

- A. Support Channels and Hangers: Galvanized steel; size and type to suit application, seismic requirements, and ceiling system flatness requirement specified.
- B. Hanger Wire: 12 gauge, 0.08 inch galvanized steel wire.
- C. Perimeter Moldings: Same metal and finish as grid.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify existing conditions before starting work.
- B. Verify that layout of hangers will not interfere with other work.

### **3.02 PREPARATION**

- A. Install after major above-ceiling work is complete.
- B. Coordinate the location of hangers with other work.

### **3.03 INSTALLATION - SUSPENSION SYSTEM**

- A. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.
- B. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.
  1. Use longest practical lengths.
- C. Suspension System, Non-Seismic: Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members.
- D. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
- E. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.
- F. Support fixture loads using supplementary hangers located within 6 inches of each corner, or support components independently.
- G. Do not eccentrically load system or induce rotation of runners.

### **3.04 INSTALLATION - ACOUSTICAL UNITS**

- A. Install acoustical units in accordance with manufacturer's instructions.

- B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.
- C. Fit border trim neatly against abutting surfaces.
- D. Install acoustical units level, in uniform plane, and free from twist, warp, and dents.
- E. Cutting Acoustical Units:
  - 1. Make field cut edges of same profile as factory edges.

**3.05 TOLERANCES**

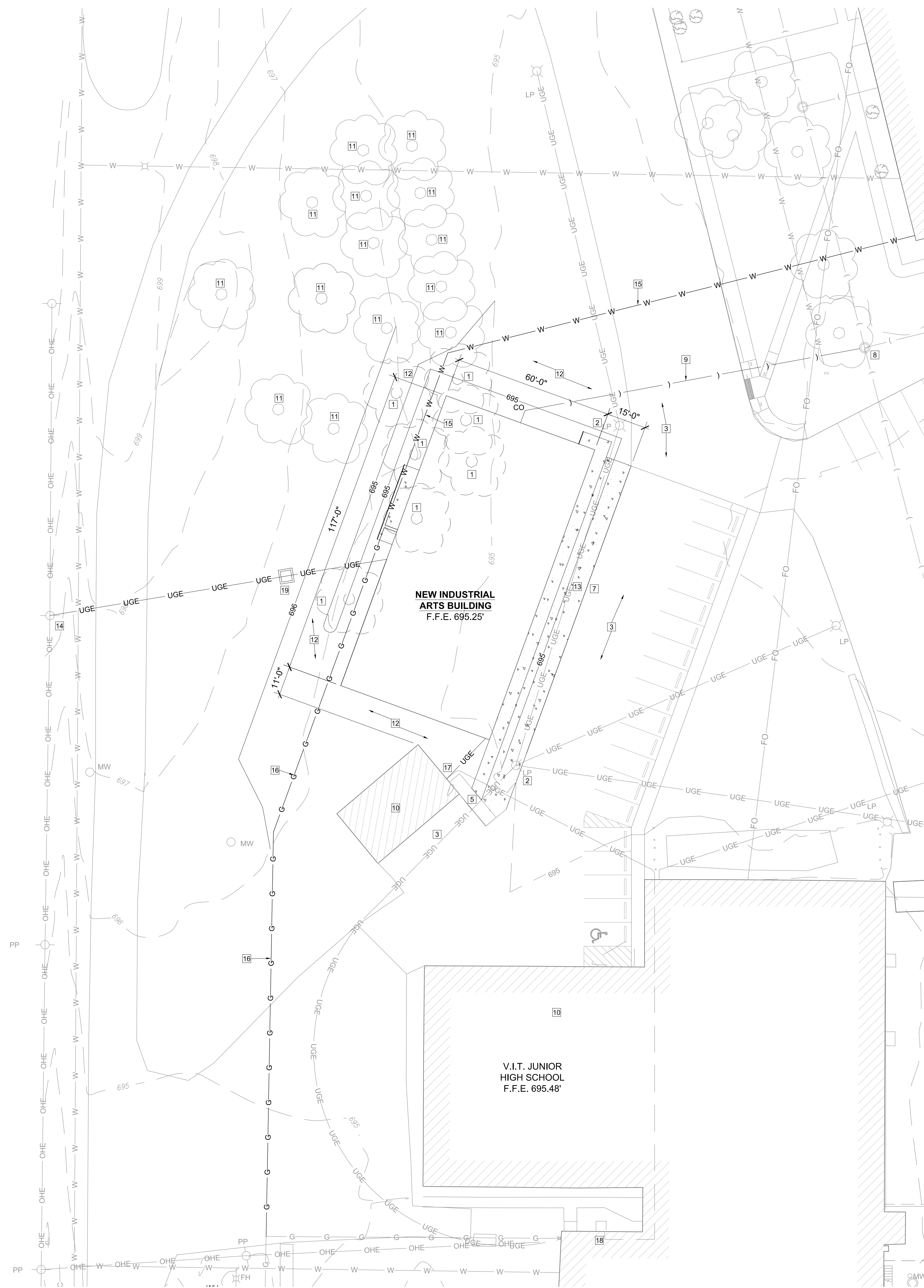
- A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet.
- B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees.

**3.06 CLEANING**

- A. See Section 01 7000 - Execution and Closeout Requirements for additional requirements.
- B. Clean surfaces.
- C. Replace damaged or abraded components.

**END OF SECTION**

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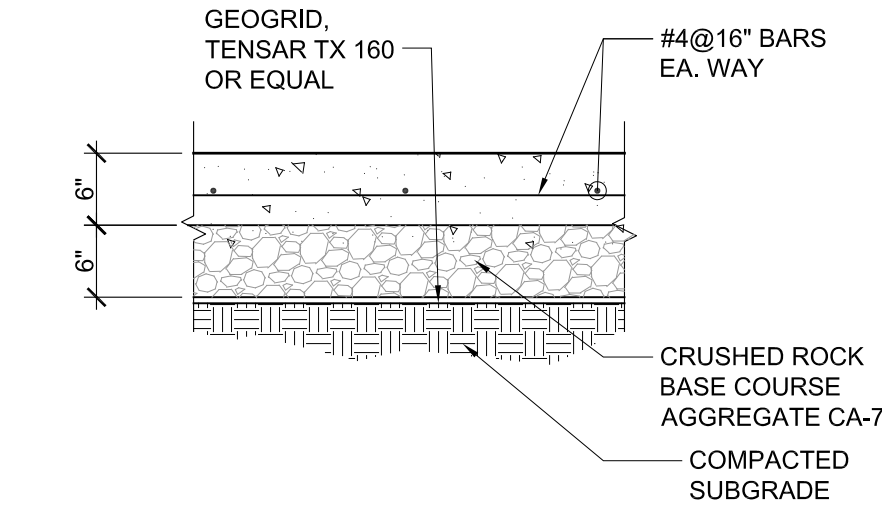


**PARTIAL SITE PLAN**  
SCALE: 1" = 20'-0"  
0 10' 20' 40'



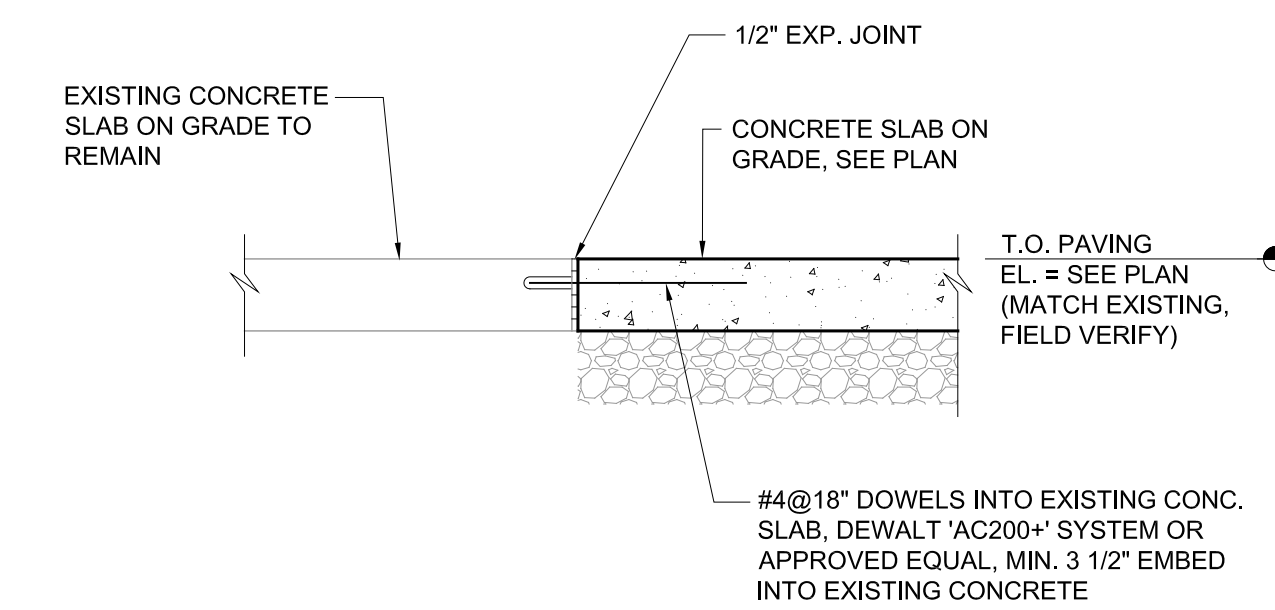
**SITE KEYED NOTES**

- EXISTING TREES TO BE REMOVED BY OWNER. CONTRACTOR REMOVE STUMP.
- EXISTING LIGHT POLE TO REMAIN
- EXISTING PARKING LOT PAVING TO REMAIN
- EXISTING COOLER AND SUPPORT PAD TO REMAIN
- EXISTING SIDEWALK TO REMAIN, MATCH NEW PAVING ELEVATIONS TO EXISTING, SEE DETAIL 2/C101
- NEW CONCRETE STOOP, SEE DETAIL 1/C101 - TURN DOWN EDGE OF PAVING, SEE DETAIL 4/C101
- MATCH ELEVATIONS AT NEW DRIVEWAY PAVING, SEE DETAIL 2/C101 (TYPICAL)
- EXISTING MANHOLE TO REMAIN
- NEW 4" SANITARY SEWER LINE TO BUILDING, CONNECT INTO EXISTING MANHOLE, FIELD VERIFY FLOW ELEVATIONS, ENCASE PIPING AS WHERE REQUIRED
- EXISTING BUILDING TO REMAIN
- EXISTING TREES TO REMAIN
- GRADE AND RESEED IN THIS AREA AS REQUIRED
- NEW CONCRETE DRIVE, SEE DETAIL 1/C101
- ELECTRICAL CONTRACTOR INSTALL EMPTY 4" SCHEDULE 80 CONDUIT WITH STAND-OFFS DOWN EXISTING POLE, EXTEND SCHEDULE 40 CONDUIT UNDERGROUND AS SHOWN TO NEW TRANSFORMER LOCATION, INSTALL PULL WIRE AS REQUIRED, COORDINATE WITH UTILITY COMPANY.
- NEW 1" WATER SERVICE LINE WITH ISOLATION VALVE TO NEW BUILDING FROM EXISTING BUILDING, REMOVE AND PATCH CONCRETE FLOOR AS REQUIRED IN WATER SERVICE ROOM IN CORNER OF BUILDING, FIELD VERIFY CONNECTION LOCATION, ENCASE PIPING AS REQUIRED.
- NEW NATURAL GAS SERVICE LINE, CONNECT TO EXISTING SERVICE, FIELD VERIFY LOCATION AND SIZE OF SERVICE REQUIRED
- ELECTRICAL CONTRACTOR PULL SET OF 1/2" AND 1/2" FIRE ALARM WIRING IN EXISTING EMPTY CONDUIT FROM EXISTING FIRE ALARM PANEL IN BOILER ROOM (SEE NOTE 18) TO THIS LOCATION AT EXISTING SHED, INSTALL PULL BOX AND EXTEND NEW 2" CONDUIT AND FIRE ALARM WIRING TO CONNECT TO THE HIGH SCHOOL PANEL IN THE FUTURE.
- EXISTING FIRE ALARM PANEL.
- INSTALL -6"x6" CONCRETE TRANSFORMER PAD, COORDINATE WITH UTILITY COMPANY.

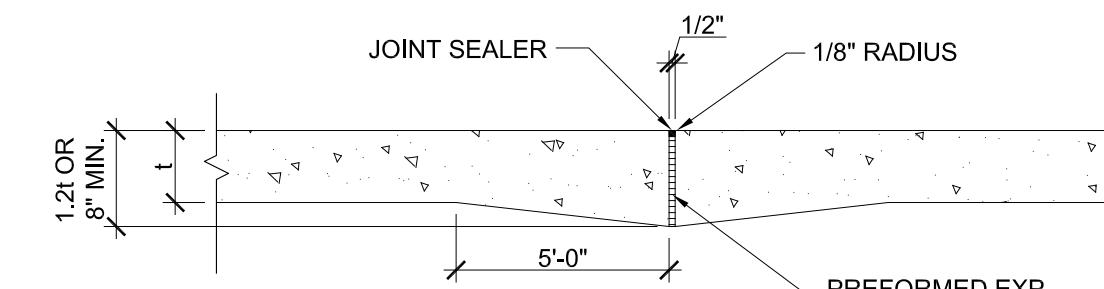


**TYP. PARKING LOT/SIDEWALK**

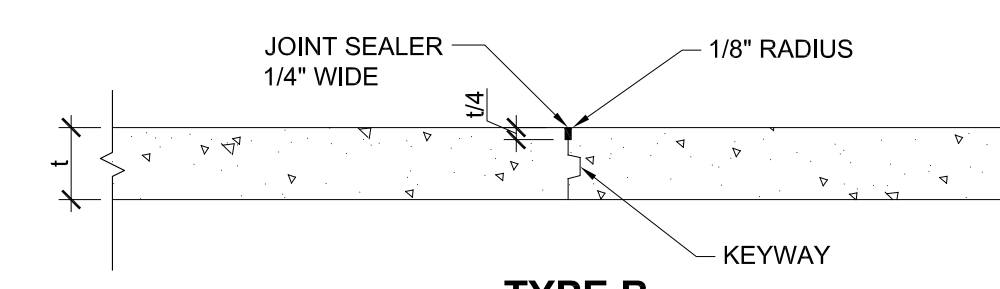
**1 CONCRETE PAVING DETAILS**  
SCALE: 3/4" = 1'-0"



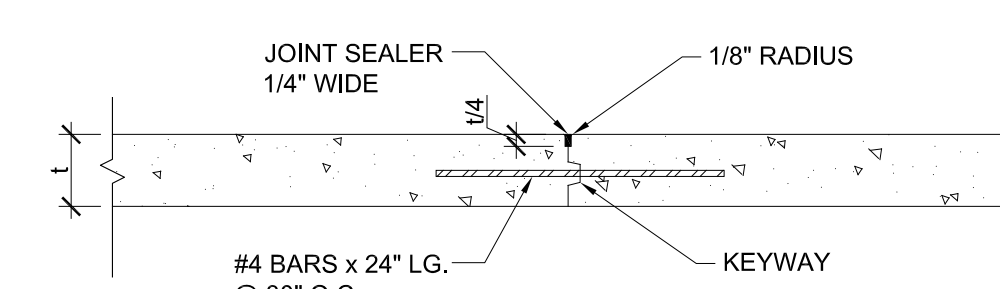
**2 CONCRETE PAVING DETAIL**  
SCALE: 3/4" = 1'-0"



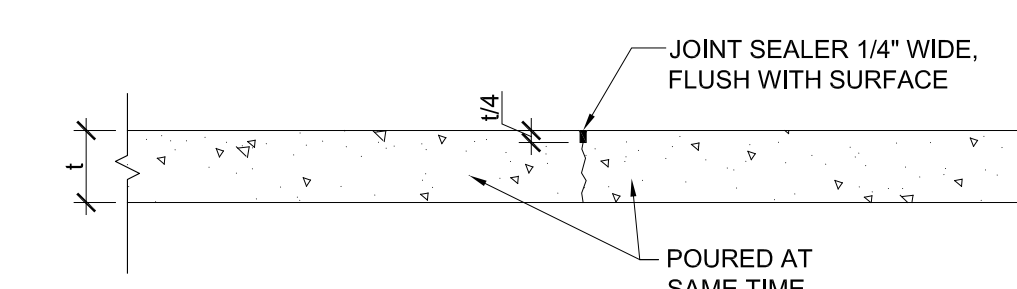
**TYPE A**  
EXPANSION JOINT



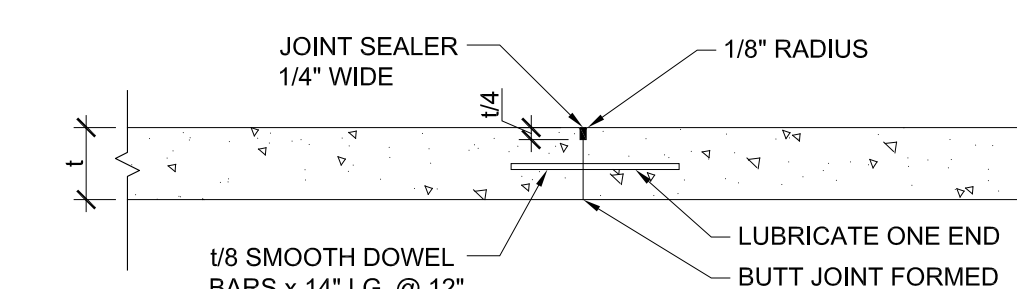
**TYPE B**  
LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT



**TYPE C**  
TIED LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT



**TYPE D**  
SAWED LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT



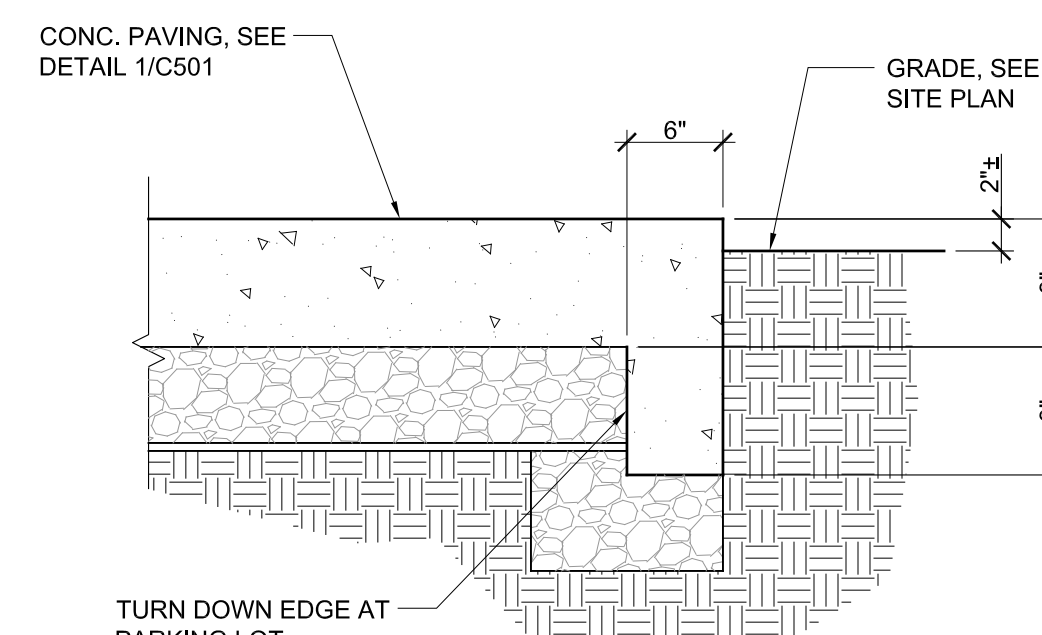
**TYPE E**  
ALTERNATE TRANSVERSE CONSTRUCTION JOINT AT NORMAL SPACING

**KEYWAYS FOR TYPES B AND C**  
CONSTRUCTION JOINTS

**CONCRETE PAVING JOINT NOTES:**

- AT INLETS, MANHOLES AND OTHER STRUCTURES, TRANSVERSE JOINTS SHALL BE SHORTENED ONE OR MORE PANELS EITHER SIDE OF THE STRUCTURE TO PERMIT JOINTS TO FALL AT THE CORNERS OF THE BOX-OUT. ONE OR BOTH "L" DIMENSIONS OF THE BOX-OUT MAY BE ADJUSTED TO PROVIDE FOR INTERSECTION OF LONGITUDINAL JOINTS AT BOX-OUT CORNERS.
- ALL TRANSVERSE JOINTS MUST EXTEND THROUGH CURBS AND MUST BE CONTINUOUS ACROSS PAVEMENT, EXCEPT TIED TRANSVERSE CONSTRUCTION JOINTS. EXPANSION JOINTS WILL BE REQUIRED AS SHOWN ON PLANS.
- MAXIMUM TRANSVERSE JOINT SPACING SHALL BE 15 FEET, UNLESS OTHERWISE SPECIFIED.
- PAVEMENT JOINTS SHALL BE SEALED WITH HOT POUR MATERIAL MEETING THE REQUIREMENTS OF ASTM D3405.
- DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF AASHTO M311 OR M453 GRADE 40 SHALL BE USED FOR THE TIE BARS.
- TYPE B JOINTS WHICH ARE TO BE COATED SHALL RECEIVE TWO COATS OF ASPHALTIC EMULSION PRIOR TO PLACEMENT OF THE ADJACENT PAVEMENT.
- TYPE D JOINTS MAY BE USED IN LIEU OF TYPES B OR C JOINTS WHEN SLABS ON BOTH SIDES OF THE JOINT ARE POURED INTEGRALLY.
- SUPPORT PINS FOR THE TIE BARS, WHEN REQUIRED, SHALL BE OF SIZE AND STRENGTH SUFFICIENT TO FIRMLY HOLD THE BAR IN PLACE.
- THE ALTERNATE CONSTRUCTION OF INTEGRAL OR SEPARATE COMBINATION CURB AND GUTTER IS AT THE CONTRACTOR'S OPTION.

**3 CONCRETE PAVEMENT JOINT DETAILS**  
SCALE: N.T.S.



**4 PAVING EDGE DETAIL**  
SCALE: 1" = 1'-0"

**SITE PLAN GENERAL NOTES:**

- SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, AND THE PROJECT SITE SHALL BE KEPT CLEAN AT ALL TIMES.
- CONTROL DUST IN AND AROUND ALL WORK AND STAGING AREAS. ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
- MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.

**LEGEND**

—	PROPERTY LINE
+ E 100.0	EXISTING SPOT ELEVATION
+ N 100.0	NEW SPOT ELEVATION
DS	DOWNSPOUT
PP	POWER POLE
— 590 —	EXISTING CONTOUR LINE
— 590 —	NEW CONTOUR LINE
—	STORM SEWER LINE
—	ELECTRICAL LINE
—	GAS LINE
—	WATER LINE
—	SANITARY SEWER LINE

CURRENT DATE: 4/19/2024



LICENSE EXPIRES: 11/30/24

**CONSTRUCTION DOCUMENT PHASE**

**ISSUED FOR BIDDING**

ISSUE DATE: 4/19/2024

**REVISIONS**

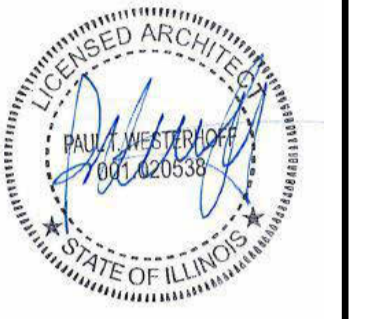
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PROJECT NUMBER: 6528

**PARTIAL SITE PLAN**

DWG. NO.

**C101**



**ISSUED FOR BIDDING**

**NOT FOR CONSTRUCTION**

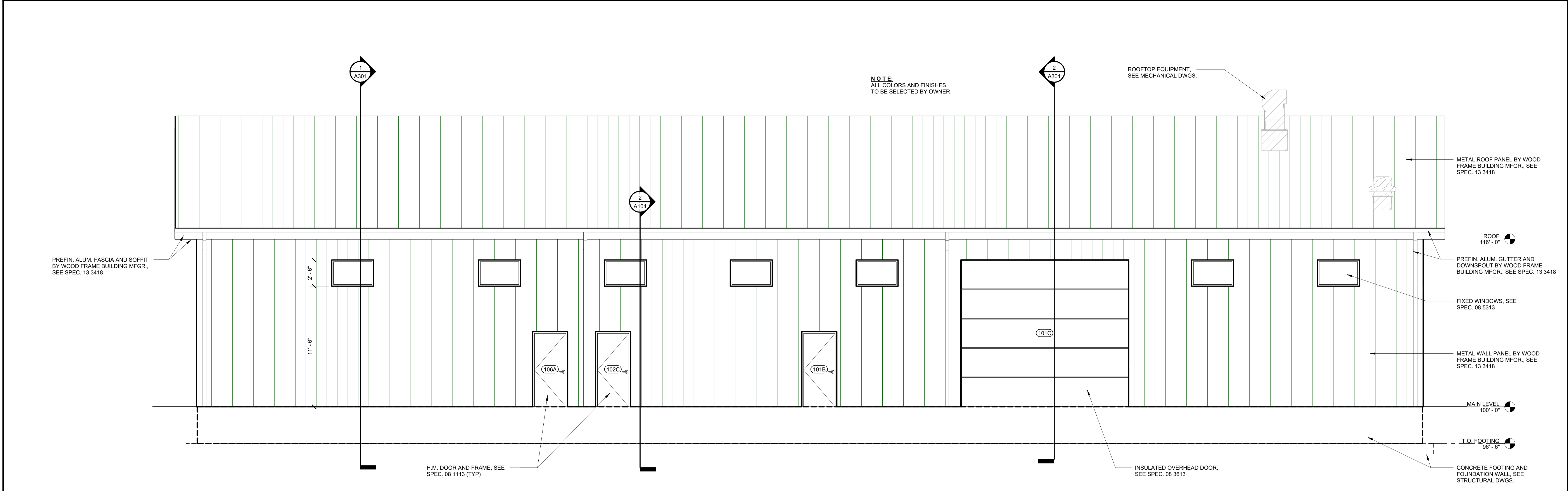
ISSUE DATE: 4/19/2024

REVISIONS		
NO.	Date	Description
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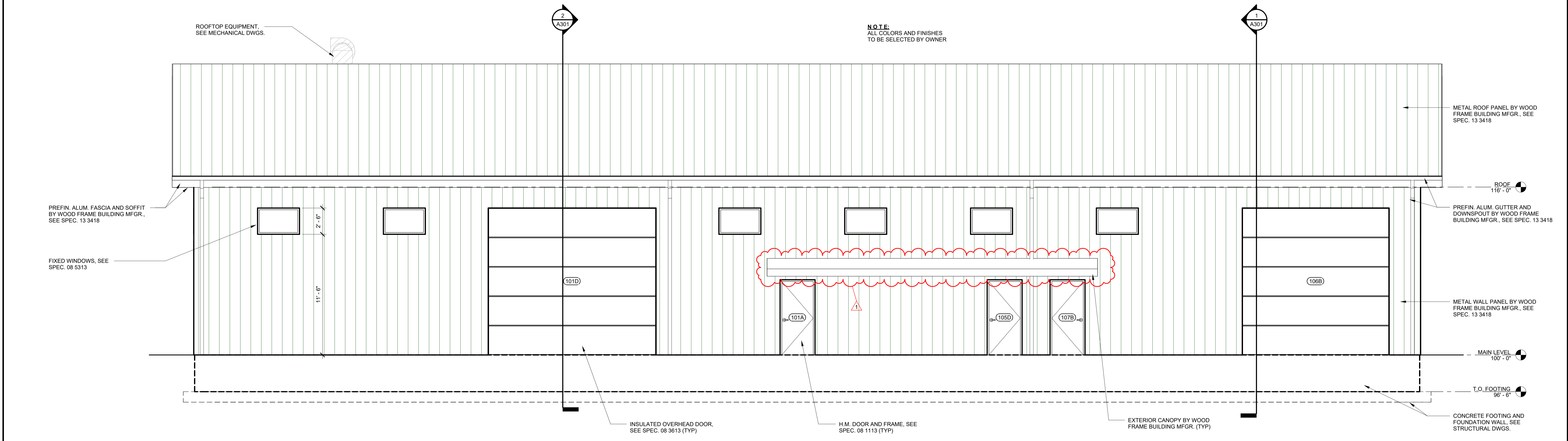
PROJECT NUMBER: 6528

**BUILDING ELEVATIONS**

DWG. NO.  
**A202**



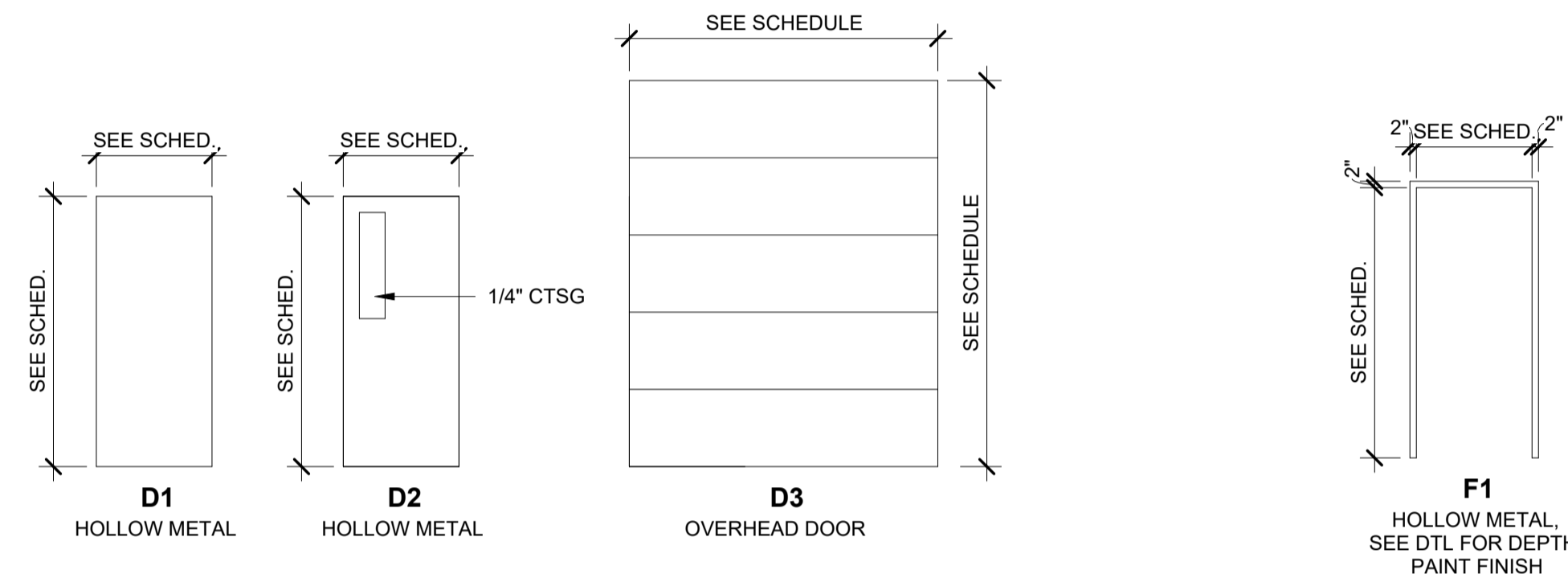
**1 WEST ELEVATION**  
 SCALE: 1/4" = 1'-0"



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

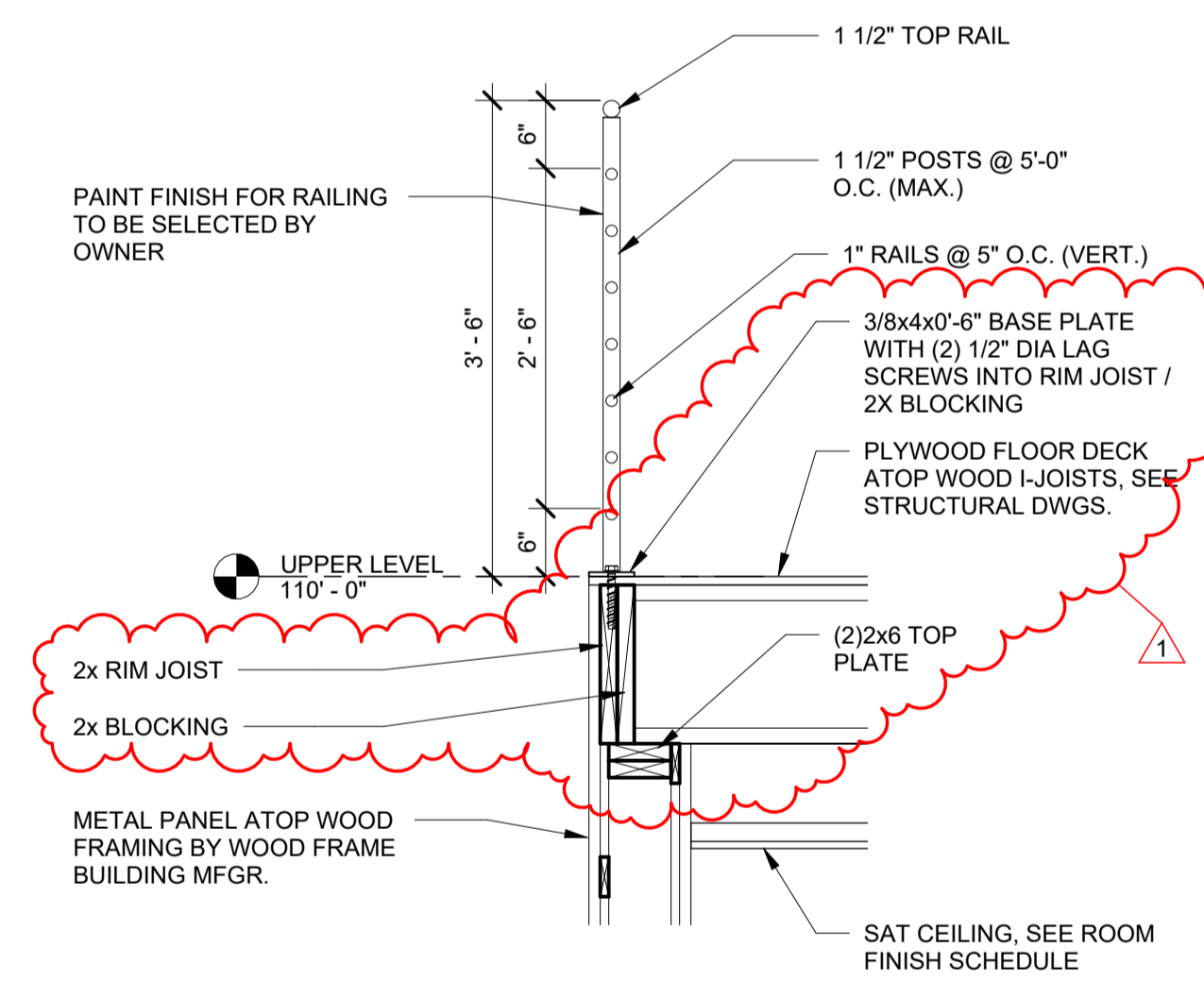
DOOR SCHEDULE											
DOOR NUMBER	SIZE			MATERIAL	DOOR FINISH	TYPE	FRAME			HARDWARE	COMMENTS
	WIDTH	HEIGHT	THICKNESS				MATERIAL	FINISH	TYPE		
101A	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
101B	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
101C	16'-0"	14'-0"	2"	OH DOOR	PREFIN	D3					MOTORIZED OPERATION
101D	16'-0"	14'-0"	2"	OH DOOR	PREFIN	D3					MOTORIZED OPERATION
102A	10'-0"	12'-0"	2"	OH DOOR	PREFIN	D3					MANUAL OPERATION
102B	10'-0"	12'-0"	2"	OH DOOR	PREFIN	D3					MANUAL OPERATION
102C	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
103	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	1	
104	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	1	
105A	3'-0"	7'-0"	1 3/4"	HM	PAINT	D2	HM	PAINT	F1	2	
105B	3'-0"	7'-0"	1 3/4"	HM	PAINT	D2	HM	PAINT	F1	2	
105C	3'-0"	7'-0"	1 3/4"	HM	PAINT	D2	HM	PAINT	F1	2	
105D	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
106A	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
106B	14'-0"	14'-0"	2"	OH DOOR	PREFIN	D3					MOTORIZED OPERATION
106C	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	
107A	3'-0"	7'-0"	1 3/4"	HM	PAINT	D2	HM	PAINT	F1	2	
107B	3'-0"	7'-0"	1 3/4"	HM	PAINT	D1	HM	PAINT	F1	3	

- DOOR SCHEDULE NOTES:**
- HOLLOW METAL DOORS AND FRAMES - SEE SPEC. 08 1113
  - INSULATED OVERHEAD DOORS - SEE SPEC. 08 3613

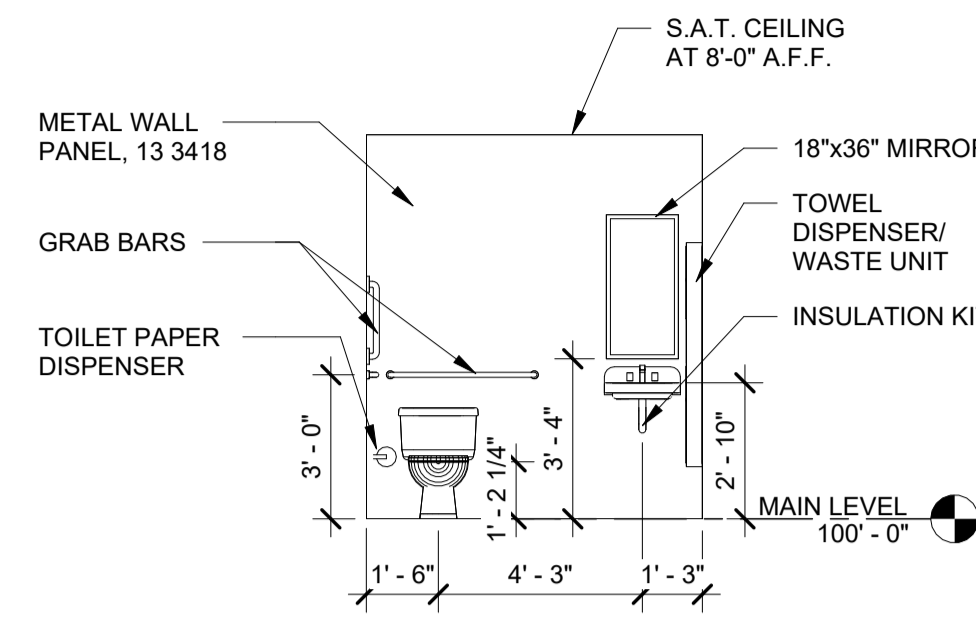


**4 DOOR TYPES**  
SCALE: 1/4" = 1'-0"

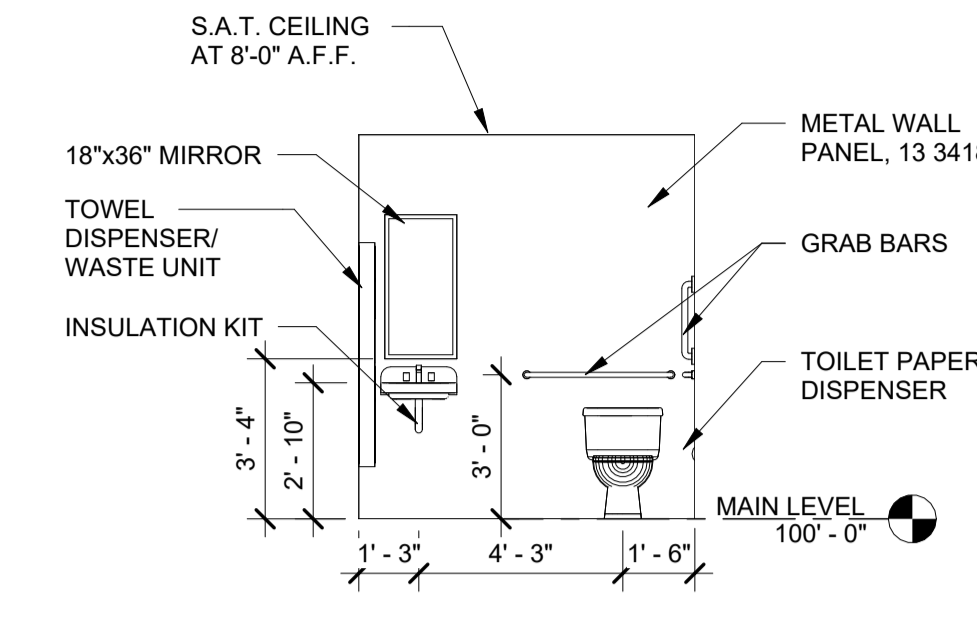
**5 DOOR FRAME TYPES**  
SCALE: 1/4" = 1'-0"



**6 GUARDRAIL DETAIL**  
SCALE: 3/4" = 1'-0"

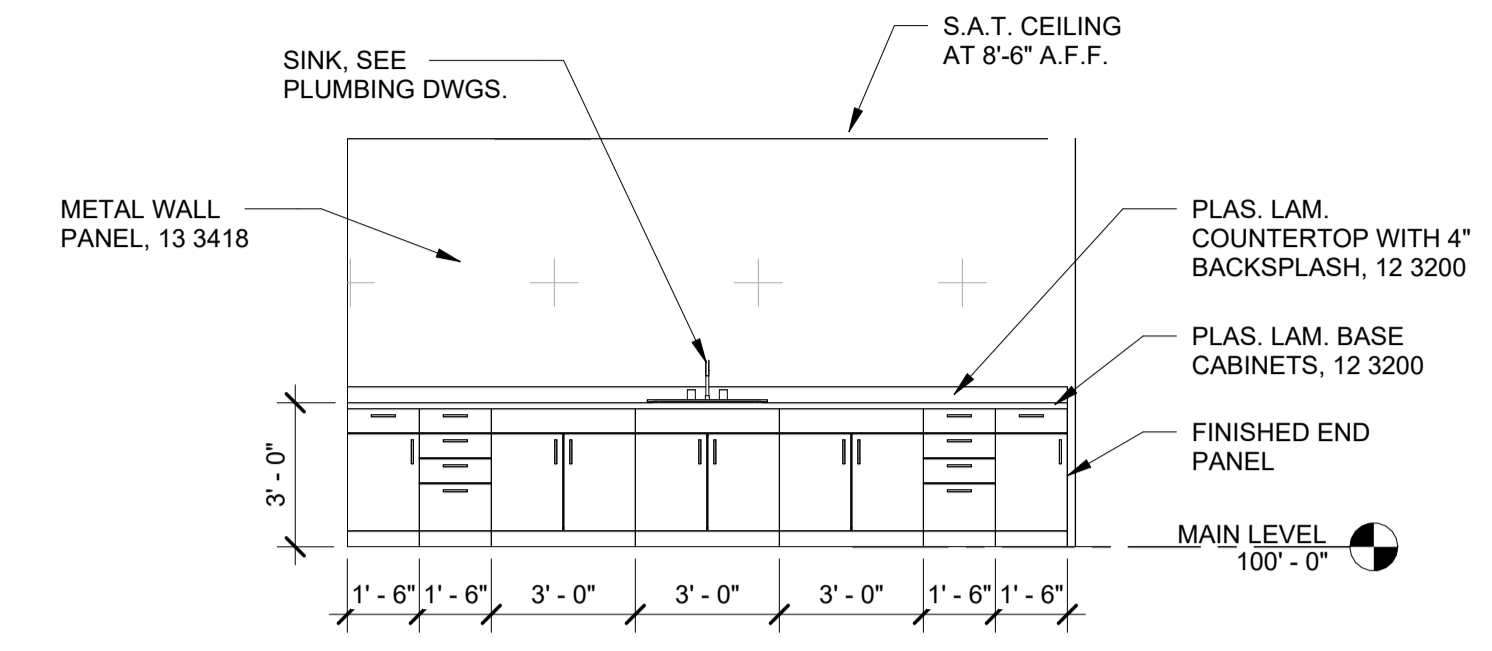


**1 INTERIOR ELEVATION**  
SCALE: 1/4" = 1'-0"



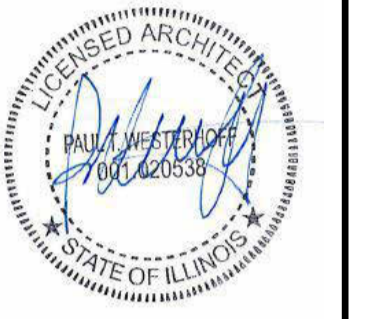
**2 INTERIOR ELEVATION**  
SCALE: 1/4" = 1'-0"

- INTERIOR ELEVATION NOTES:**
- SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURES
  - TOILET ROOM ACCESSORIES - SEE SPEC. 10 2800



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

ROOM SCHEDULE							
Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Ceiling Height	Comments
101	SHOP	CONCRETE	NONE	METAL PANEL	METAL LINER PANEL	16' - 0"	
102	CNC	CONCRETE	NONE	METAL PANEL	METAL LINER PANEL	16' - 0"	
103	WOMEN	CONCRETE	NONE	METAL PANEL	SAT	8' - 0"	
104	MEN	CONCRETE	NONE	METAL PANEL	SAT	8' - 0"	
105	CLASSROOM	CONCRETE	NONE	METAL PANEL	SAT	8' - 6"	SEE DWG. A104 FOR ALT. BID FINISHES
106	MAINTENANCE	CONCRETE	NONE	METAL PANEL	METAL LINER PANEL	16' - 0"	
107	CLASSROOM	CONCRETE	NONE	METAL PANEL	SAT	8' - 6"	
201	MEZZANINE	PLYWOOD	NONE	METAL PANEL	METAL LINER PANEL	16' - 0"	SEE DWG. A104 FOR ALT. BID FINISHES
202	MEZZANINE	PLYWOOD	NONE	METAL PANEL	METAL LINER PANEL	16' - 0"	



**ISSUED FOR BIDDING**

**NOT FOR CONSTRUCTION**  
ISSUE DATE: 4/19/2024

REVISIONS		
NO.	Date	Description
1	5/2/2024	ADD #01

PROJECT NUMBER: 6528

**SCHEDULES AND DETAILS**

DWG. NO.  
**A401**



ISSUED FOR BIDDING

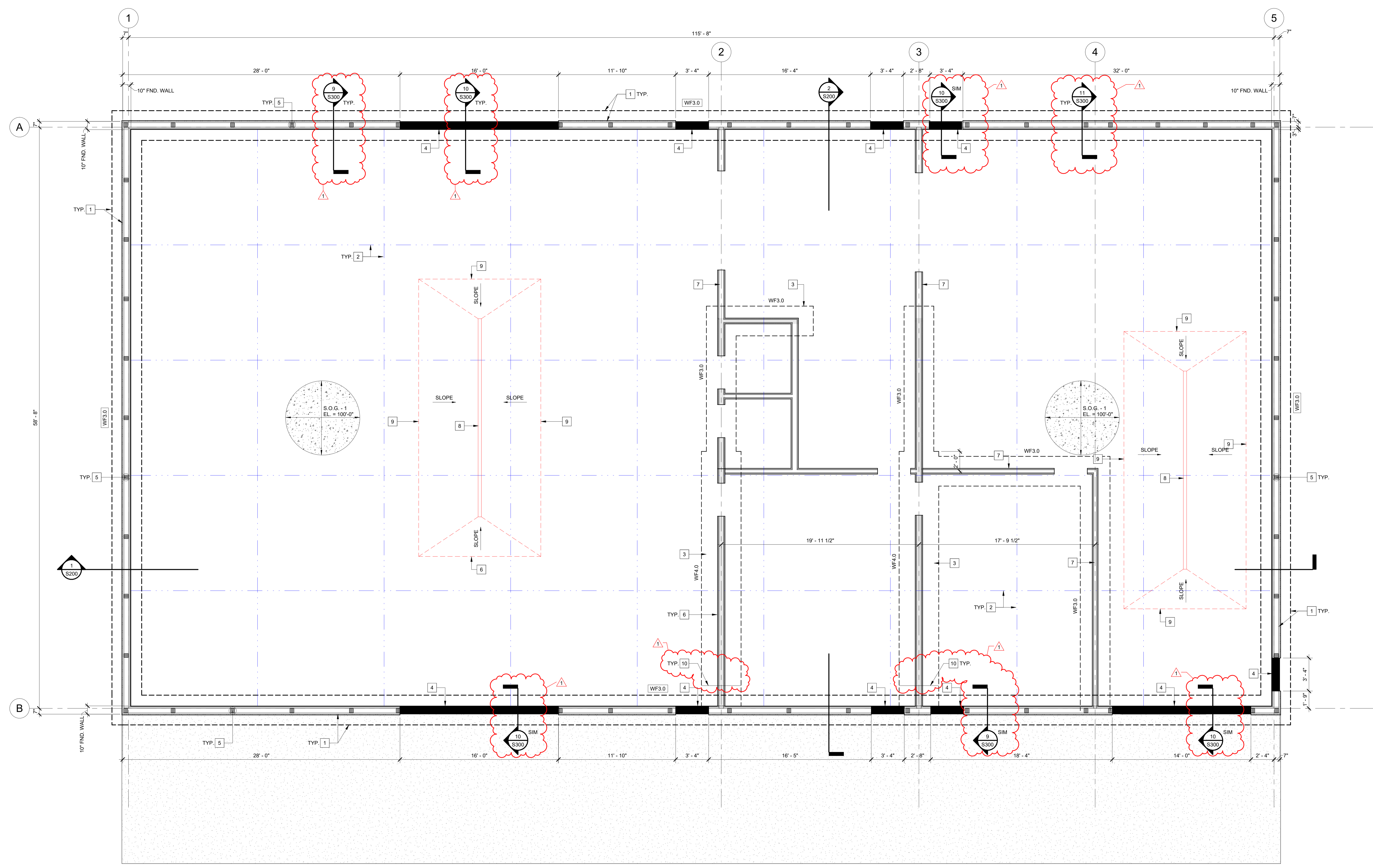
NOT FOR CONSTRUCTION  
 ISSUE DATE: 4/19/2024

REVISIONS		
NO.	Date	Description
1	5/2/2024	ADD #01

PROJECT NUMBER: 6528

**MAIN LEVEL FOUNDATION PLAN**

DWG. NO. **S101**



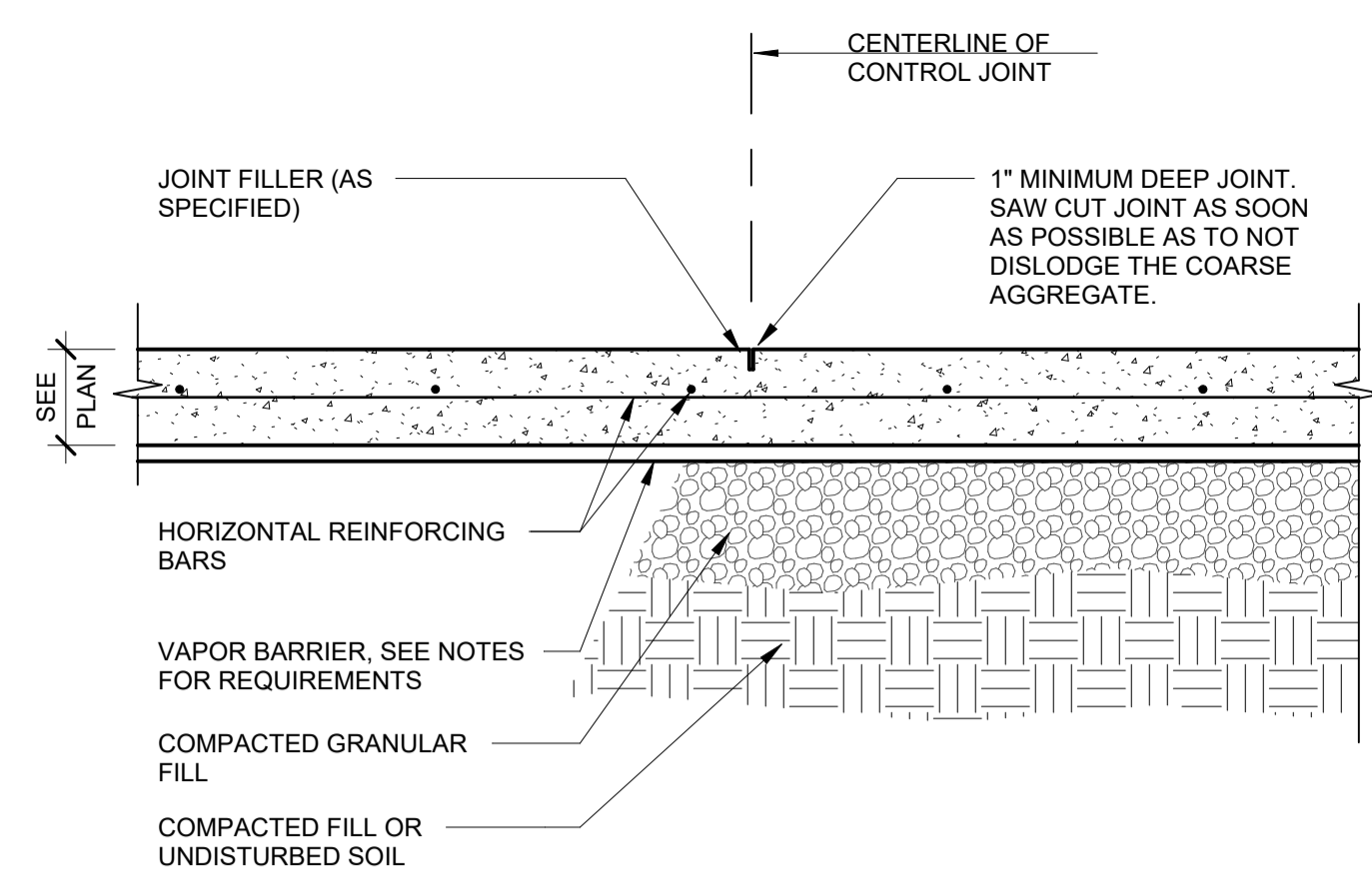
**1 MAIN LEVEL FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- T.O. CONCRETE SLAB @ MAIN LEVEL EL. = 100'-0" (U.N.O.)
  - T.O. FOUNDATION WALL EL. = 100'-0" (U.N.O.)
  - T.O. FOOTING EL. = 96'-6" (U.N.O.)
  - S.O.G. - 1 INDICATES 6" SLAB ON GRADE CONSTRUCTION REINFORCED WITH #4 @ 15" O.C. EACH WAY ATOP 6" COMPACTED GRANULAR FILL (CA-7)
  - WF.X - INDICATES CAST-IN-PLACE CONCRETE WALL FOOTING AT CMU OR CONCRETE FOUNDATION WALL. SEE PLAN AND SCHEDULE FOR SIZE AND REINFORCING.

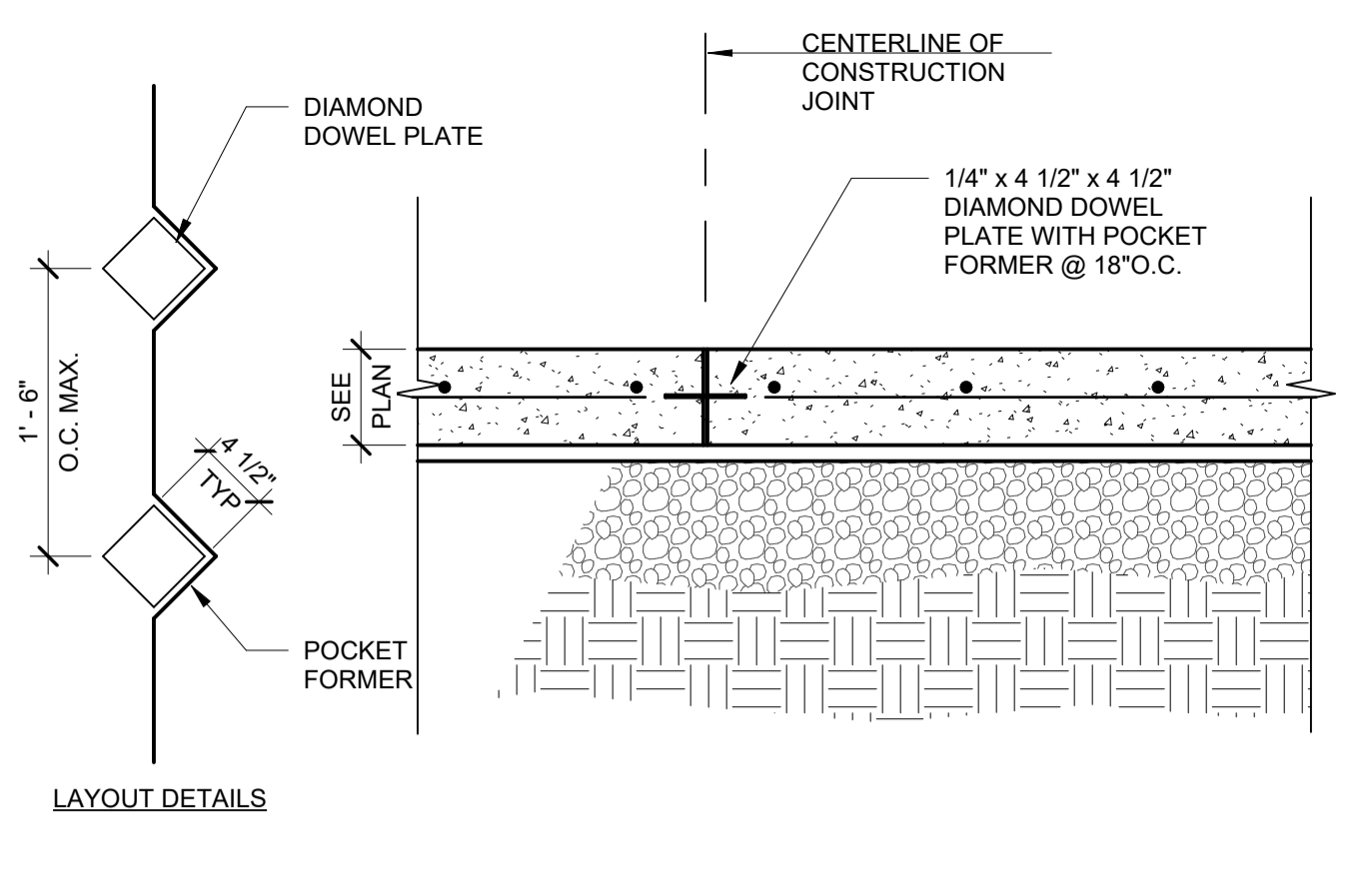
**KEYED NOTES - FOUNDATION PLAN**

- | NO. | DESCRIPTION  |
|-----|--|
| 1.  | CAST-IN-PLACE CONCRETE FOUNDATION WALL AND FOOTING. SEE DETAILS AND SCHEDULE FOR SIZE AND REINFORCING.         |
| 2.  | CONCRETE CONTROL OR CONSTRUCTION JOINT LOCATION. SEE STRUCTURAL NOTES AND DETAILS FOR ADDITIONAL INFORMATION.  |
| 3.  | THICKENED CONCRETE SLAB / FOUNDATION AT INTERIOR BEARING WALL. SEE PLAN AND DETAIL FOR ADDITIONAL INFORMATION. |
| 4.  | DEPRESS CONCRETE FOUNDATION WALL AT EXTERIOR DOOR.   |
| 5.  | END WALL OR SIDE WALL BUILT UP 2x WOOD COLUMNS, BY FRAME BUILDING SUPPLIER.                                    |
| 6.  | 2x STUD WALL (LOAD BEARING)  |
| 7.  | 2x STUD WALL (NON-LOAD BEARING)  |
| 8.  | TRENCH DRAIN, TOP OF DRAIN = 99'-11". SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.                        |
| 9.  | EDGE OF SLOPED TRENCH DRAIN SLAB.  |
| 10. | STEP BOTTOM OF INTERIOR FOOTING DOWN TO MATCH EXTERIOR FOOTING ELEVATION.                                      |

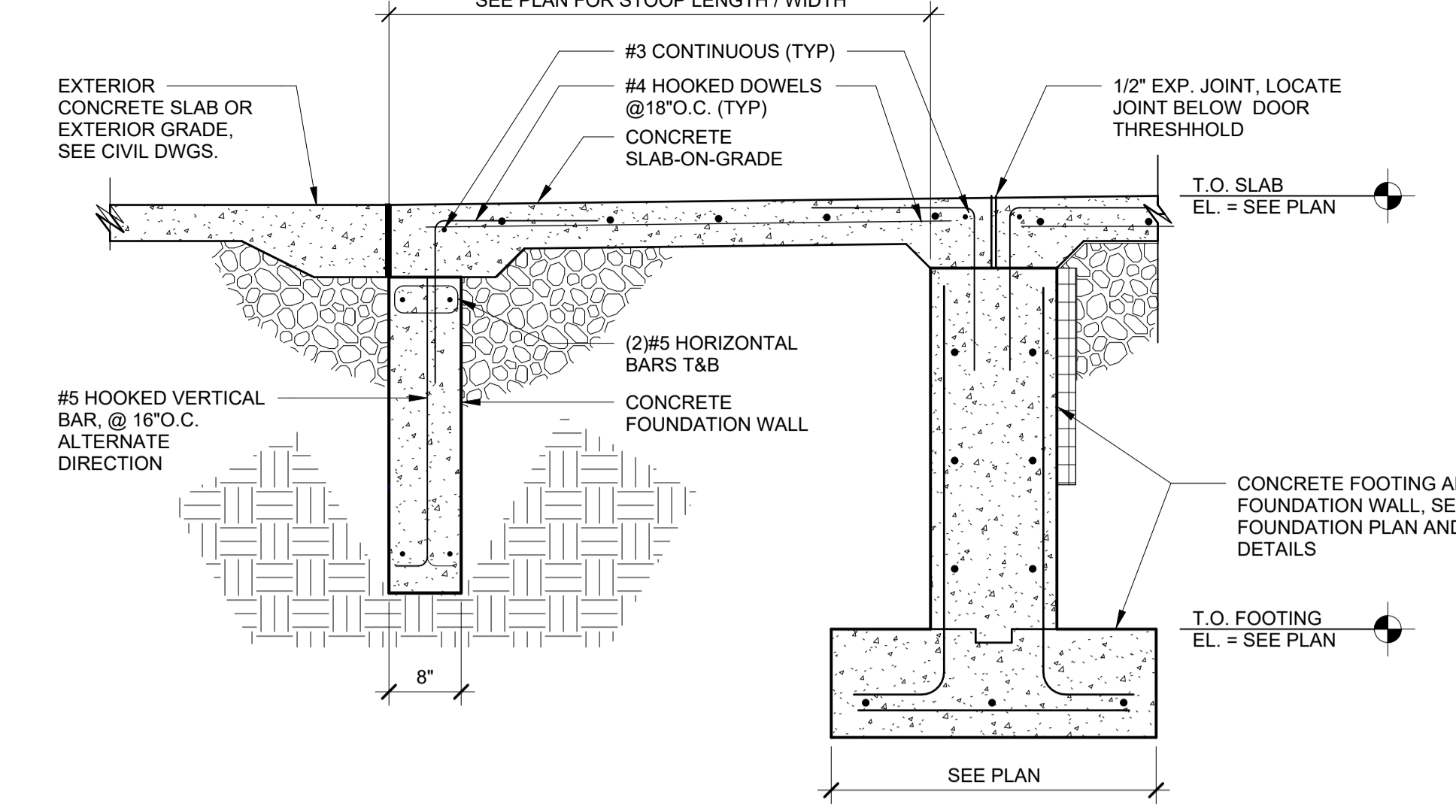




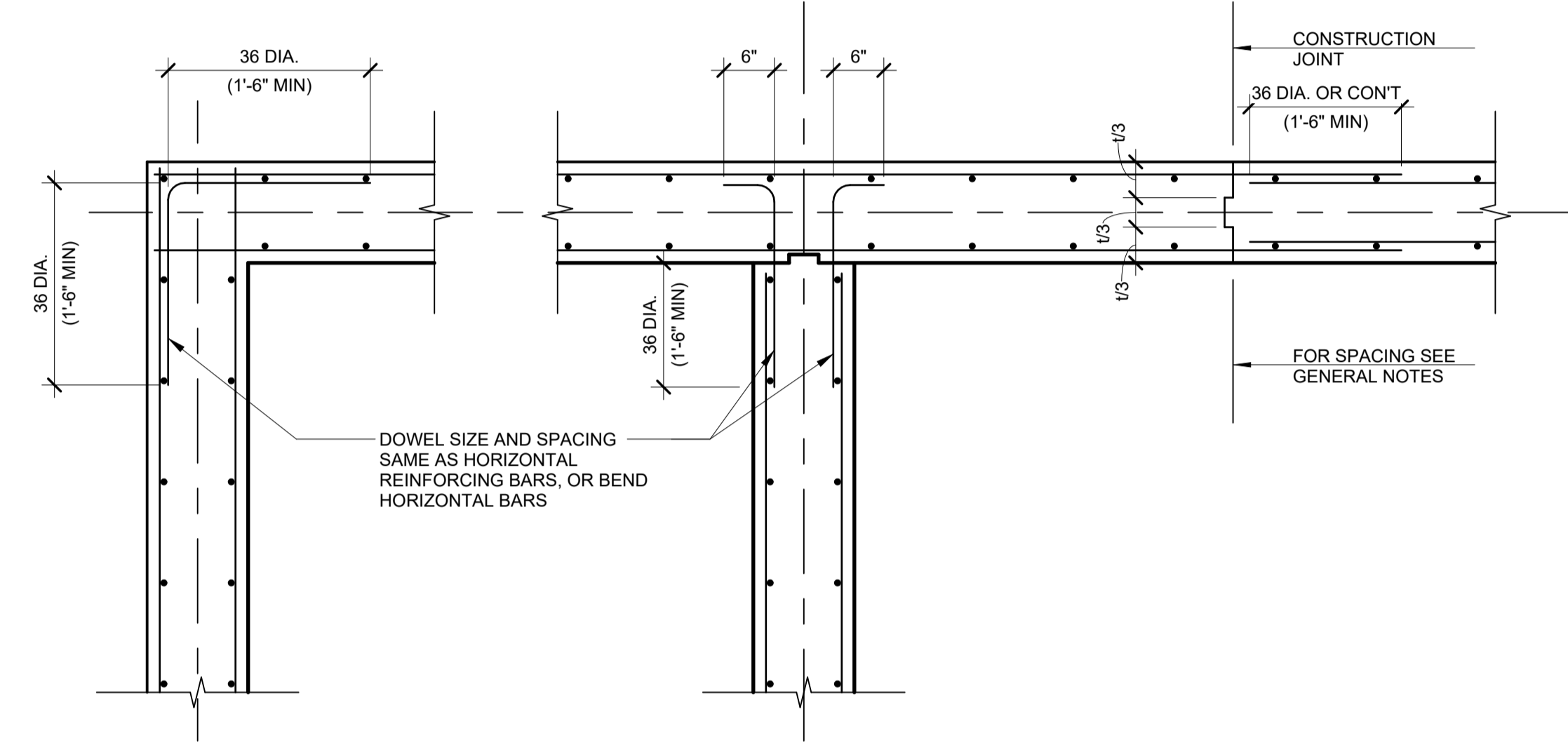
**1 TYPICAL SLAB-ON-GRADE DETAIL**  
SCALE: 1" = 1'-0"



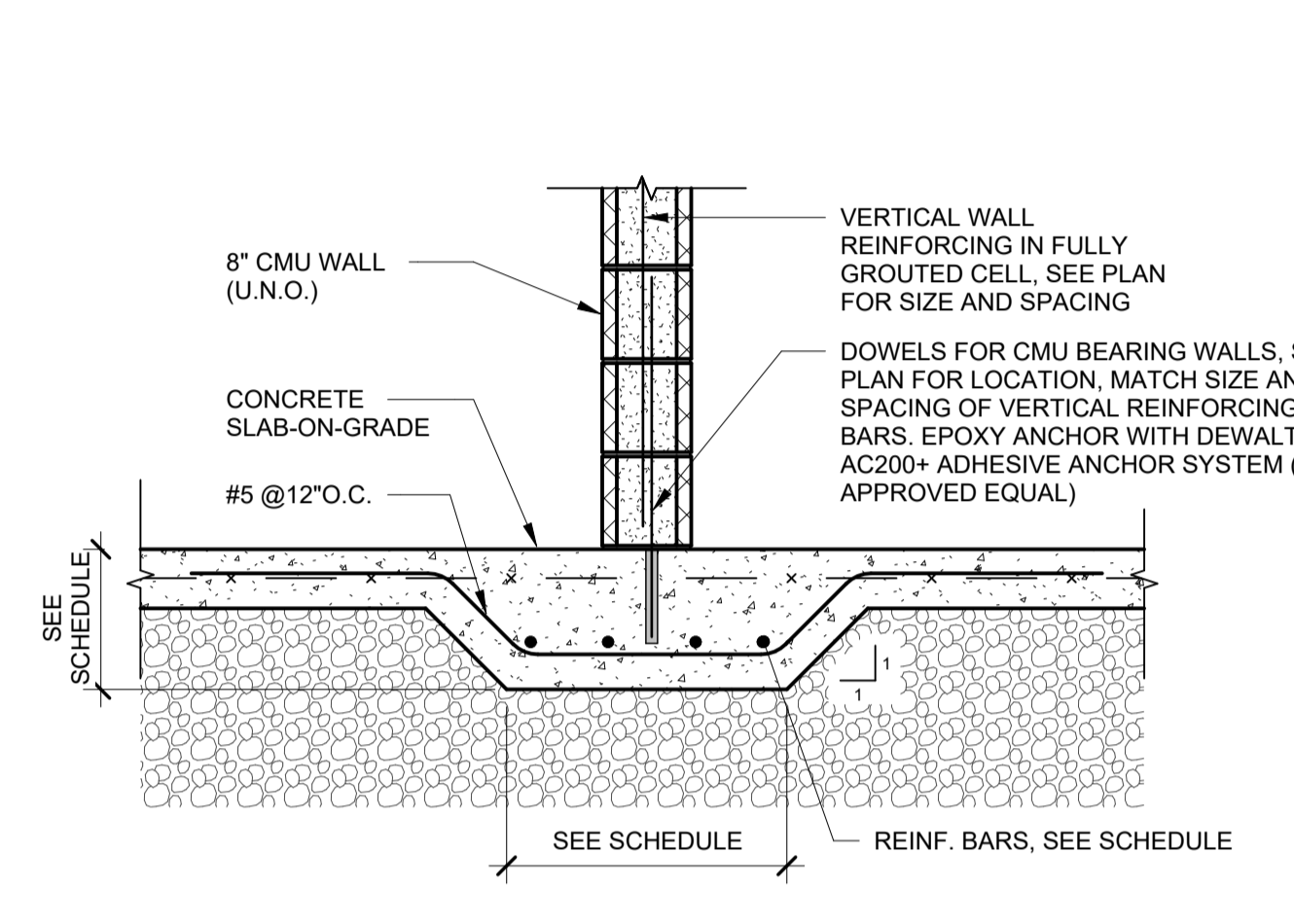
**2 TYPICAL SLAB-ON-GRADE DETAIL**  
SCALE: 1" = 1'-0"



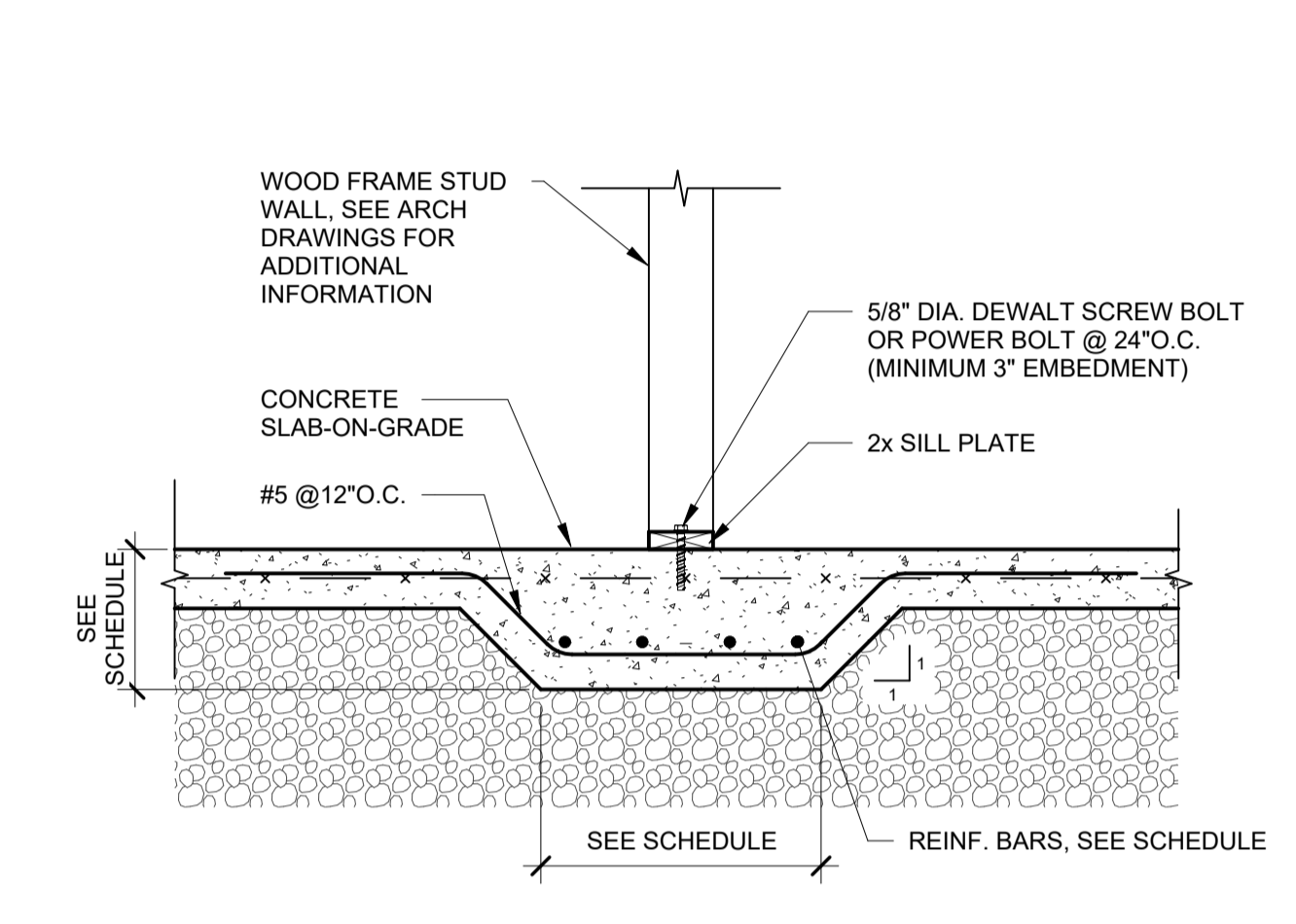
**3 CONCRETE STOOP FOUNDATION**  
SCALE: 3/4" = 1'-0"



**5 TYP. CONC. WALL CORNER, INTERSECTION AND CONSTRUCTION JOINT DETAILS**  
SCALE: 3/4" = 1'-0"



**6 FOOTING DETAIL AT INTERIOR BEARING WALL (MASONRY)**  
SCALE: 3/4" = 1'-0"

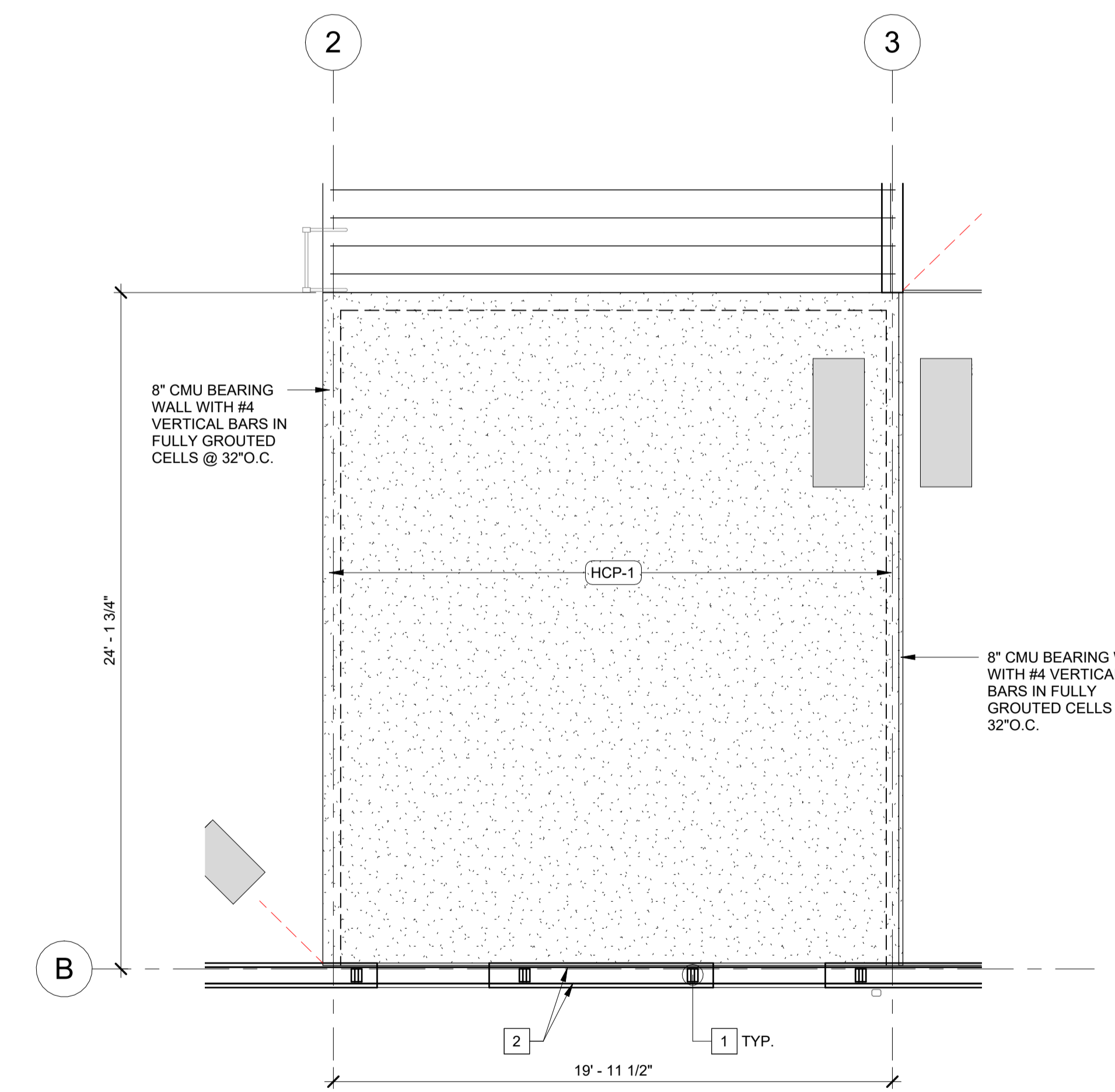


**7 FOOTING DETAIL AT INTERIOR BEARING WALL (WOOD)**  
SCALE: 3/4" = 1'-0"

FOOTING SCHEDULE						
FOOTING MARK	WIDTH - W (FT)	LENGTH - L (FT)	THICKNESS (FT)	BOTTOM REINFORCING	TOP REINFORCING	ISOLATED FTGS. $f_{bearing} = 1,500$ psf
						WALL FTGS. $f_{bearing} = 1,300$ psf
REMARKS						
WF2.5	2'-6"	-	1'-0"	(2) #5 CONT. (LONG.) #5 @ 12" O.C. (TRANS.)	-	
WF3.0	3'-0"	-	1'-0"	(4) #5 CONT. (LONG.) #5 @ 12" O.C. (TRANS.)	-	
WF3.5	3'-6"	-	1'-0"	(5) #5 CONT. (LONG.) #5 @ 12" O.C. (TRANS.)	-	
WF4.0	4'-0"	-	1'-0"	(5) #5 CONT. (LONG.) #5 @ 12" O.C. (TRANS.)	-	

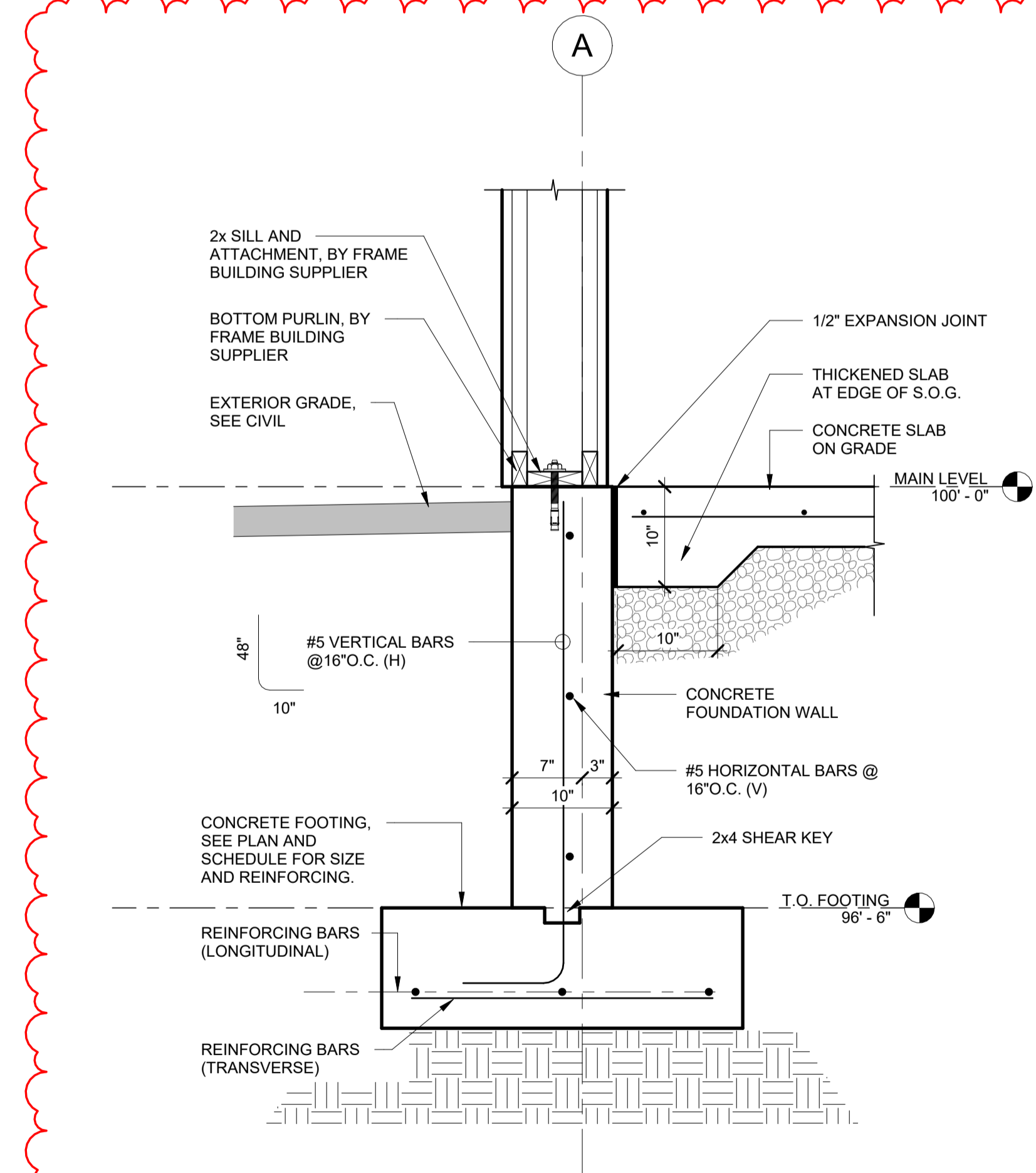
- GENERAL FOOTING NOTES:**
- ADD 6" TO WIDTH AND LENGTH OF FOOTING IF BANK POURING FOOTING. SIZE INDICATED ABOVE IS FOR DESIGN PURPOSES.
  - TOP OF FOOTING ELEVATIONS NOTED ABOVE ARE UNLESS OTHERWISE NOTED ON FOUNDATION PLANS OR DETAILS.
  - PROVIDE LEAVE IN PLACE MESH SHEET FORMWORK IN LIEU OF DIRECT BANK POURING.
    - MANUFACTURER:
      - OCM MESH FORM BY OCM, INC.
      - METAL RIB SHEE FORM BY SURE BUILT CONCRETE FORMS AND ACCESSORIES
      - APPROVED EQUAL
  - FOOTINGS UTILIZING A LEAVE IN PLACE FORMWORK SYSTEM SHALL BE CONSTRUCTED USING THE DESIGN DIMENSIONS IN THE FOOTING SCHEDULE.
  - FRAME BUILDING FOUNDATIONS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR. PROVIDE ALL LOADS AND FORCES TO THE E.O.R. FOR EVALUATION OF THE FRAME BUILDING FOUNDATION ELEMENTS PRIOR TO SUBMITTAL PREPARATION, FABRICATION OR CONSTRUCTION.

**4 FOOTING SCHEDULE**  
SCALE: 1" = 1'-0"

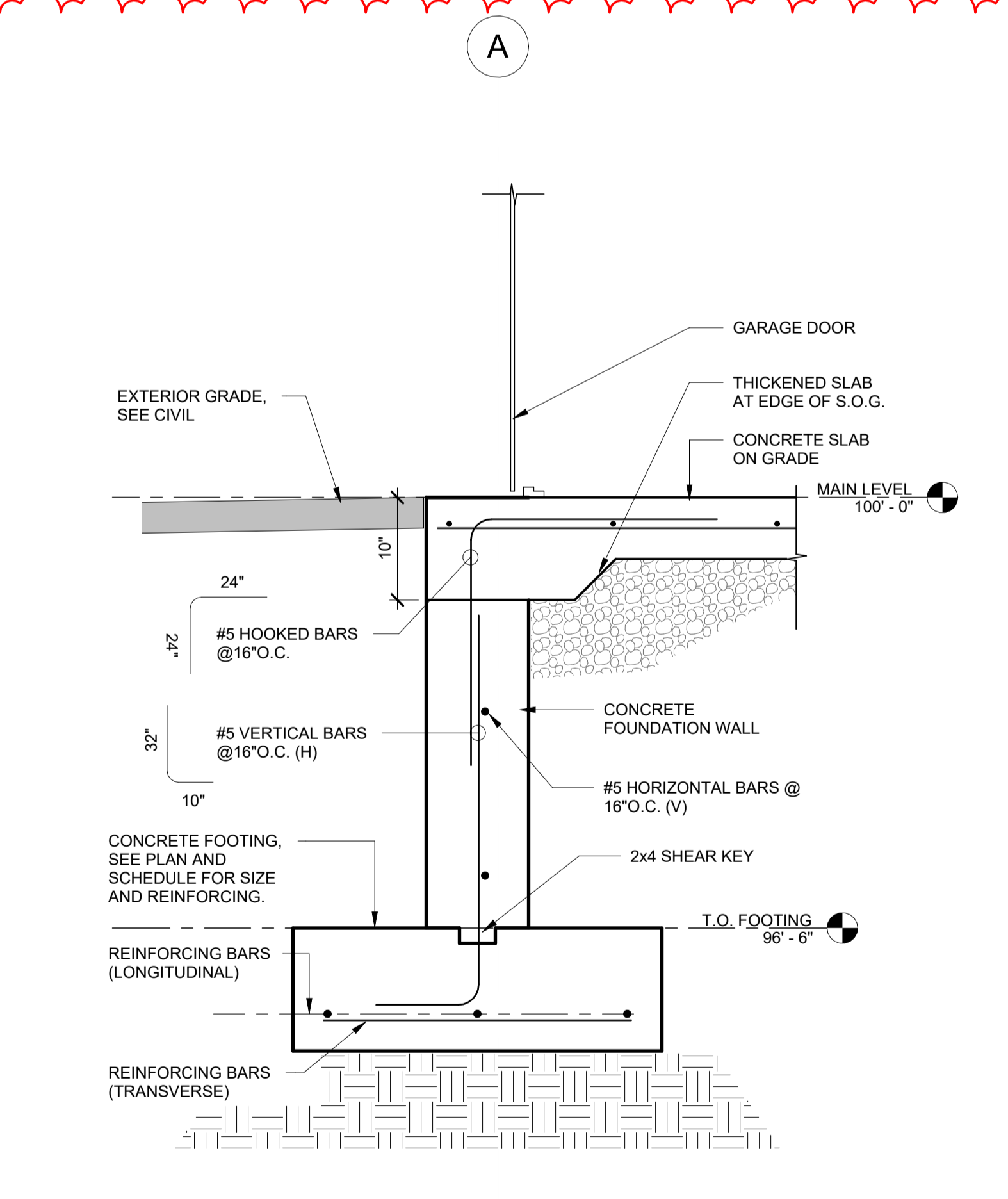


**8 PRECAST HOLLOW CORE MEZZANINE FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

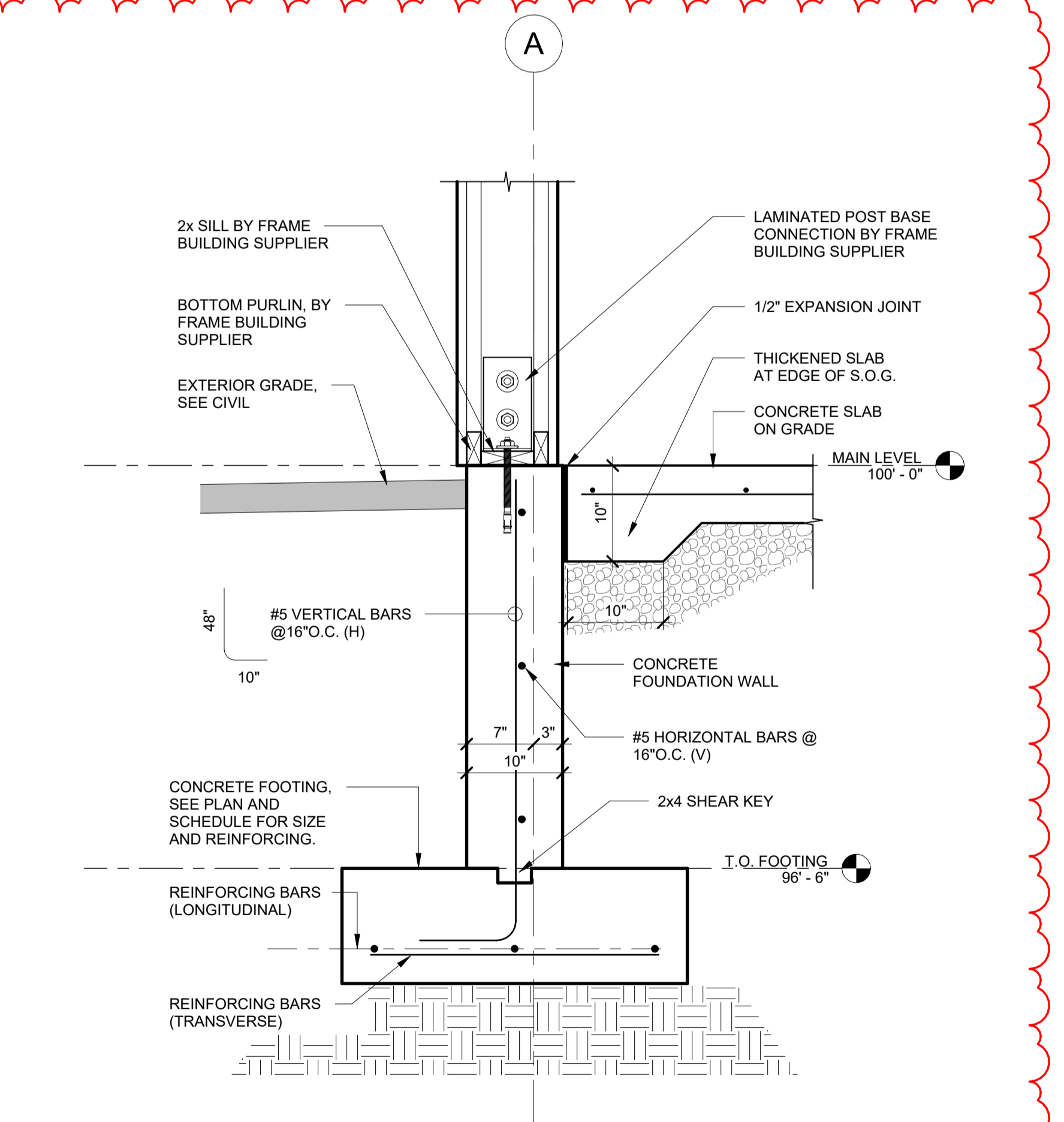
- GENERAL NOTES:**
- T.O. MAIN LEVEL EL. = 100'-0" (REFERENCE)
  - HCP-1 - INDICATES 8" PRECAST CONCRETE HOLLOW CORE PLANK SLAB WITH FULLY GROUTED KEYWAYS AND WITH 2" CONCRETE TOPPING SLAB WITH 6X6 W2.1W2.1 W.W.F.



**9 TYPICAL FOUNDATION WALL DETAIL**  
SCALE: 1" = 1'-0"



**10 FOUNDATION WALL DETAIL AT OVERHEAD DOOR**  
SCALE: 1" = 1'-0"

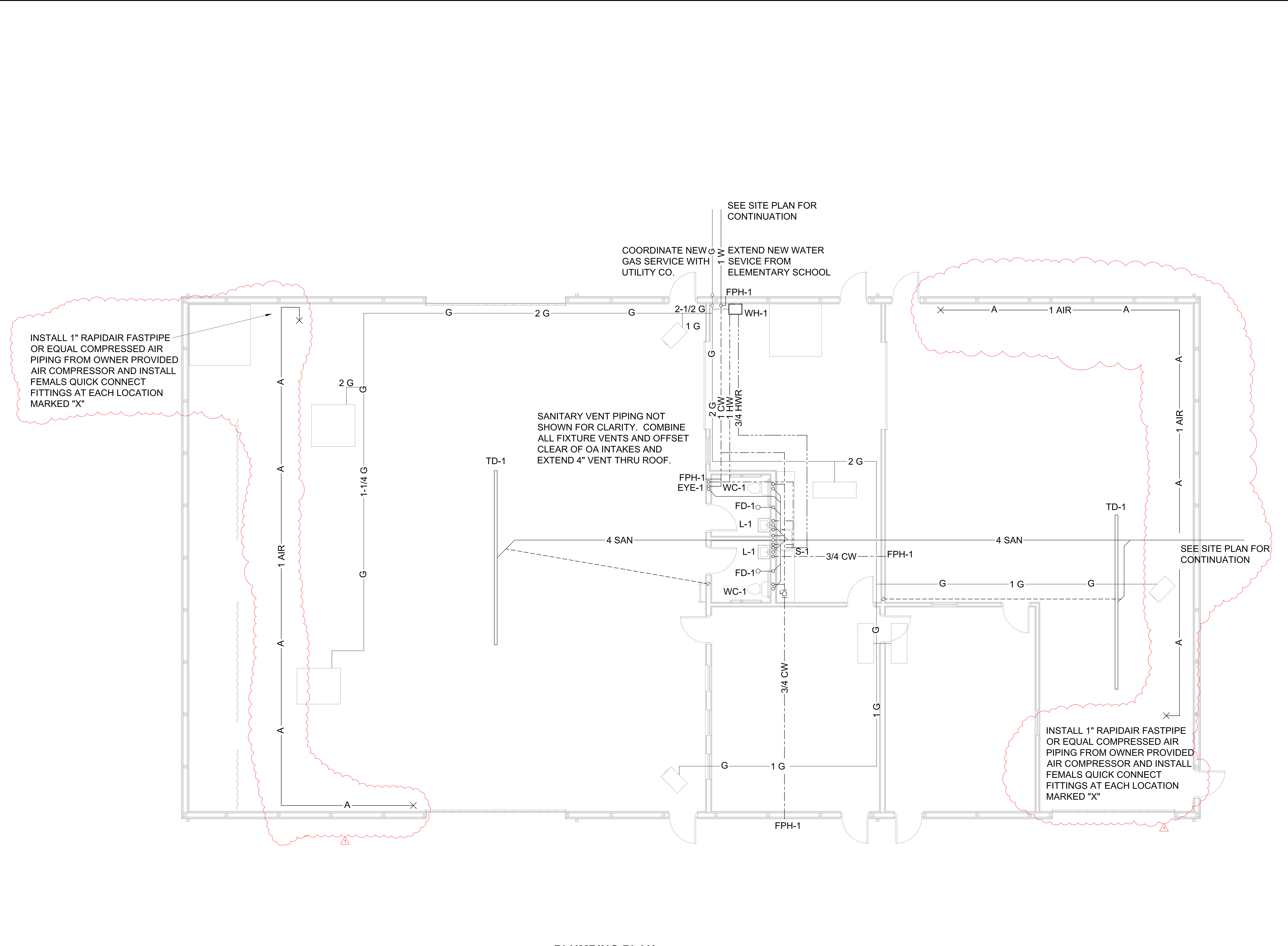


**11 FOUNDATION WALL DETAIL AT LAMINATED COLUMN**  
SCALE: 1" = 1'-0"

NO.	Date	Description
1	5/22/2024	ADD: #01



NO.	DATE	DESCRIPTION
1	5/2/2024	ADD #01



INSTALL 1" RAPIDAIR FASTPIPE OR EQUAL COMPRESSED AIR PIPING FROM OWNER PROVIDED AIR COMPRESSOR AND INSTALL FEMALES QUICK CONNECT FITTINGS AT EACH LOCATION MARKED "X"

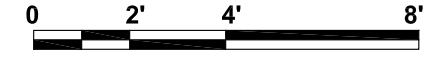
SANITARY VENT PIPING NOT SHOWN FOR CLARITY. COMBINE ALL FIXTURE VENTS AND OFFSET CLEAR OF OA INTAKES AND EXTEND 4" VENT THRU ROOF.

COORDINATE NEW GAS SERVICE WITH UTILITY CO.  
 EXTEND NEW WATER SERVICE FROM ELEMENTARY SCHOOL

INSTALL 1" RAPIDAIR FASTPIPE OR EQUAL COMPRESSED AIR PIPING FROM OWNER PROVIDED AIR COMPRESSOR AND INSTALL FEMALES QUICK CONNECT FITTINGS AT EACH LOCATION MARKED "X"

**1 PLUMBING PLAN**

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



FOR QUESTIONS, CALL THE  
 St. Louis Mechanical  
 REGION 109  
 PHONE: (636) 229 - 9777  
 EMAIL: reg109@captiveaire.com

**HOOD INFORMATION - JOB#6648576**

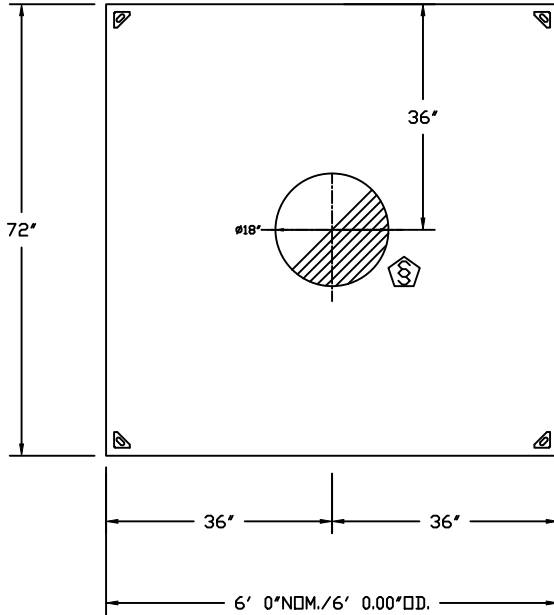
HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)						HOOD CONSTRUCTION	HOOD CONFIG		
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL		SP	END TO END	ROW
1		7224 VHB	CAPTIVEAIRE	6' 0"	700 DEG	II	N/A	333	2000			4'	18"	2000	1132	-0.240"	430 SS 100%	ALONE	ALONE

**HOOD INFORMATION**

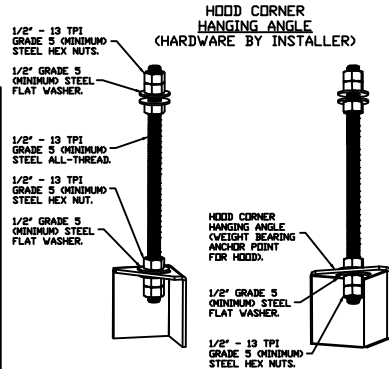
HOOD NO	TAG	FILTER(S)				EFFICIENCY @ 7 MICRONS	LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT	
		TYPE	QTY	HEIGHT	LENGTH		QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM		ELECTRICAL			SWITCHES
1							0									NO	240 LBS

**HOOD OPTIONS**

HOOD NO	TAG	OPTION
1		FINISHED BACK - GROUND/POLISH 72.00" LONG.

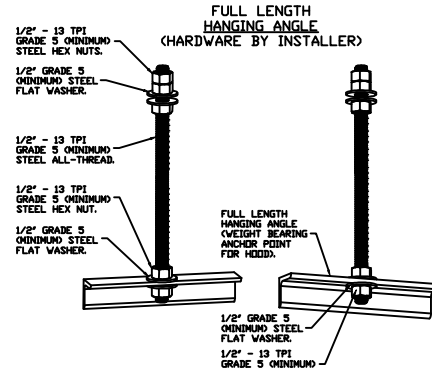


PLAN VIEW - HOOD #1  
 6' 0.00" LONG 7224VHB



**ASSEMBLY INSTRUCTIONS**

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

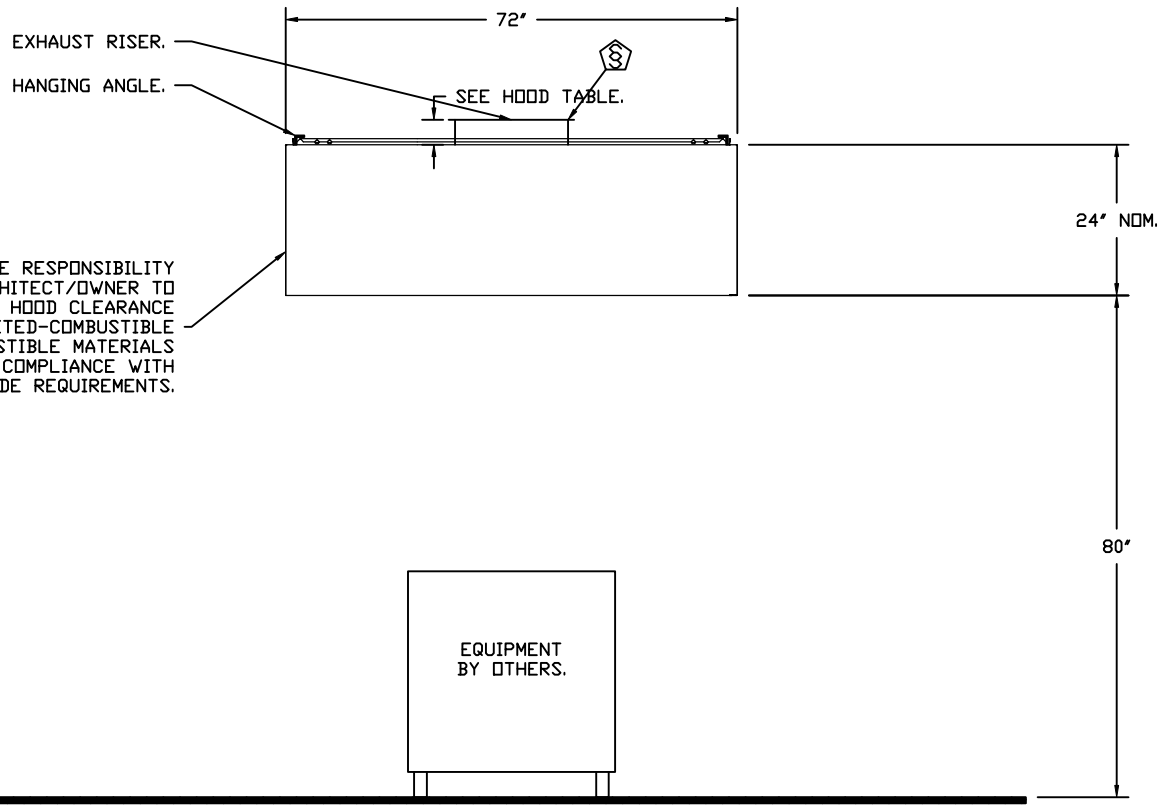


**ASSEMBLY INSTRUCTIONS**

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



JOB Plasma Table Hood	
LOCATION	BRIDGETON, MD, 63044
DATE	2/28/2024
JOB #	6648576
DWG #	1
DRAWN BY	WV-109
REV.	SCALE 3/8" = 1'-0"



IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS.

SECTION VIEW - MODEL 7224VHB  
HOOD - #1

  			JOB Plasma Table Hood	
			LOCATION BRIDGETON, MD, 63044	
DATE 2/28/2024		JOB # 6648576		
DWG # 2		DRAWN BY WW-109		
REV.		SCALE 3/8" = 1'-0"		

**EXHAUST FAN INFORMATION - JOB#6648576**

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1		1	DU85HFA	CAPTIVEAIRE	2000	0.500	1384	TEAD-ECM	0.750	0.4710	1	115	8.9	633 FPM	88	13.1

**FAN OPTIONS**

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	SCR-15 BIRD SCREEN
		1	I 19-BDD DAMPER
		1	ECM WIRING PACKAGE - EXHAUST - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL -MSC-(TELCD), CCW ROTATION
		1	2 YEAR PARTS WARRANTY

**FAN ACCESSORIES**

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1			YES					

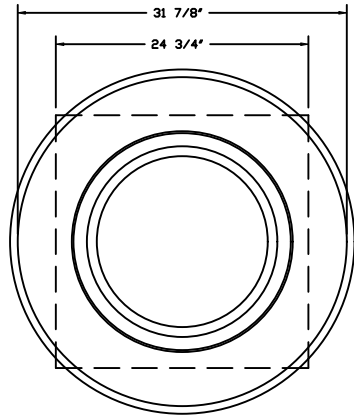
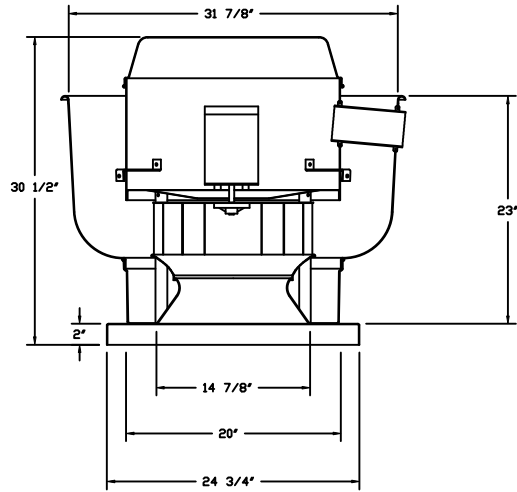
**CURB ASSEMBLIES**

NO	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	32 LBS	CURB	23.000"W X 23.000"L X 20.000"H.



<i>JOB</i> Plasma Table Hood	
<i>LOCATION</i> BRIDGETON, MD, 63044	
<i>DATE</i> 2/28/2024	<i>JOB #</i> 6648576
<i>DWG #</i> 3	<i>DRAWN BY</i> WW-109
<i>REV.</i>	<i>SCALE</i> 3/8" = 1'-0"

FAN #1 DU85HFA - EXHAUST FAN



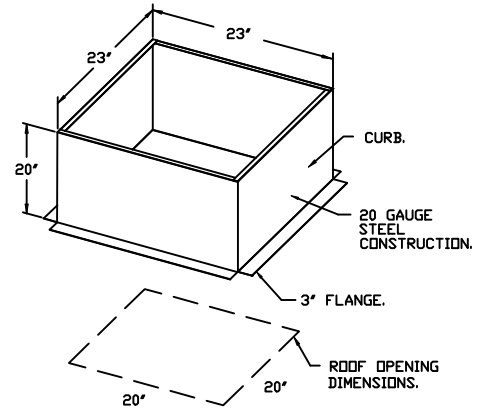
TOP VIEW

**FEATURES:**

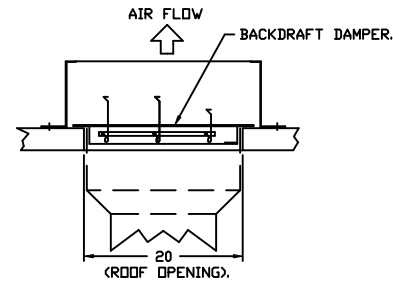
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- UL705.
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- NEMA 3R SAFETY DISCONNECT SWITCH.

**OPTIONS**

- SCR-15 BIRD SCREEN.
- I 19-BDD DAMPER.
- ECM WIRING PACKAGE - EXHAUST - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL
- MSC- (TELCO), CCW ROTATION.
- 2 YEAR PARTS WARRANTY.



**BACKDRAFT DAMPER INSTALLATION**



**CAPTIVEAIR**

<i>JOB</i> Plasma Table Hood	
<i>LOCATION</i> BRIDGETON, MD, 63044	
<i>DATE</i> 2/28/2024	<i>JOB #</i> 6648576
<i>DWG #</i> 4	<i>DRAWN BY</i> WW-109
<i>REV.</i>	<i>SCALE</i> 3/8" = 1'-0"



GREASE DUCT & CHIMNEY SPECIFICATIONS:  
 PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW"  
 ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "DW"  
 IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING  
 CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "DW"  
 DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER  
 THE MANUFACTURES INSTALLATION GUIDE.

PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER.  
 PER MANUFACTURES LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE  
 SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12".  
 DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE  
 ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE  
 UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY  
 EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE  
 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

**CUSTOMER APPROVAL TO MANUFACTURE:**

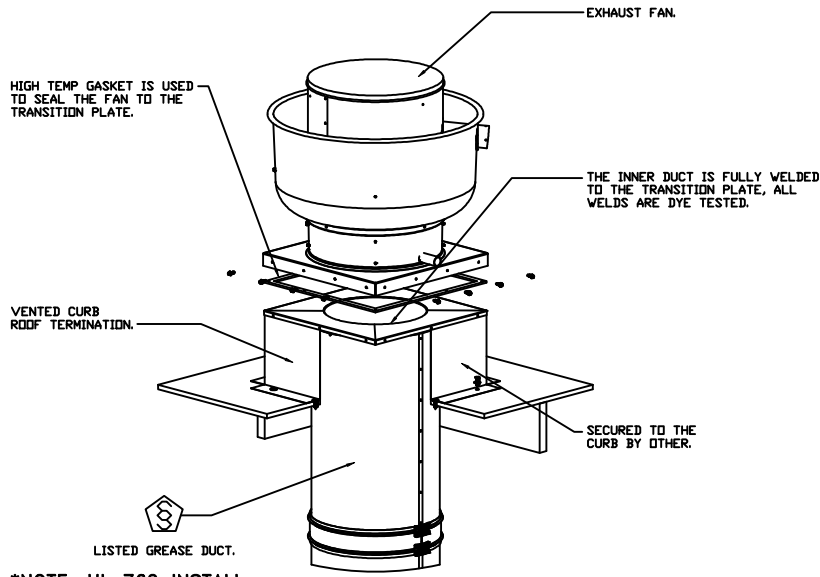
APPROVED AS NOTED

APPROVED WITH NO EXCEPTION TAKEN

REVISE AND RESUBMIT

SIGNATURE \_\_\_\_\_

YOUR TITLE \_\_\_\_\_ DATE \_\_\_\_\_



\*NOTE: UL 762 INSTALL.



JOB Plasma Table Hood	
LOCATION BRIDGETON, MD, 63044	
DATE 2/28/2024	JOB # 6648576
DWG # 5	DRAWN BY WW-109
REV.	SCALE 3/8" = 1'-0"

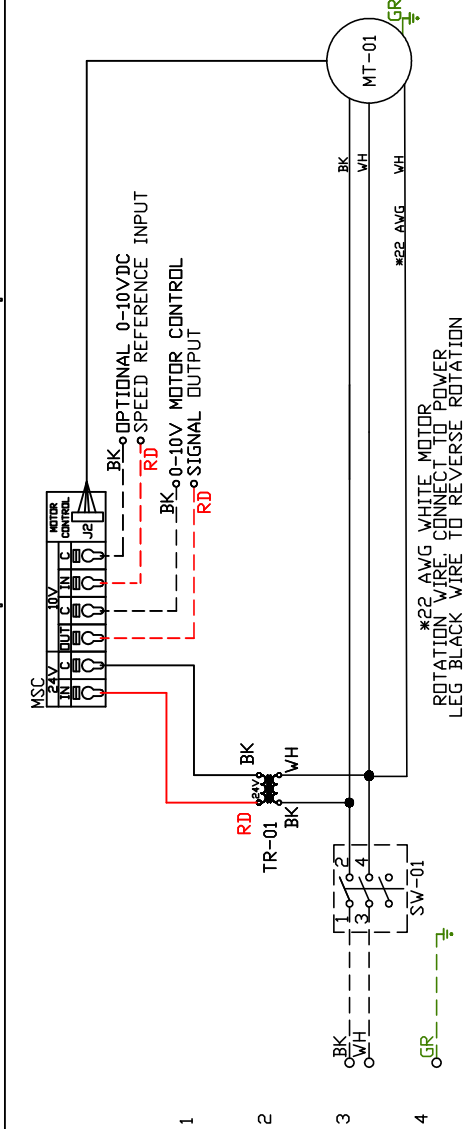
# Exhaust Fan Wiring

JOB 6648576 - Plasma Table Hood

DRAWING NUMBER EXH6648576-1

SHIP DATE 2/28/2024

MODEL DUB5HFA



## Installed Options

Component Identification Location

- Label Description Location
- MT-01 Fan Motor [3]
- MSC Motor Speed Controller [1]
- SW-01 Main disconnect switch [3]
- TR-01 24VAC 20VA Transformer[2]

EXHAUST MOTOR INFO  
0.8HP-115V-IP-8.9FLA

ELECTRICAL INFORMATION  
MOTOR/CTRL MCA: 11.2A  
MOTOR/CTRL MOP: 20A

NOTES  
--- DENOTES FIELD WIRING  
\_\_\_ DENOTES INTERNAL WIRING

### WIRE COLOR

- BK - BLACK
- BL - BLUE
- BR - BROWN
- DR - ORANGE
- RD - RED
- WH - WHITE
- YW - YELLOW
- GR - GREEN
- GY - GRAY
- PR - PURPLE
- PK - PINK



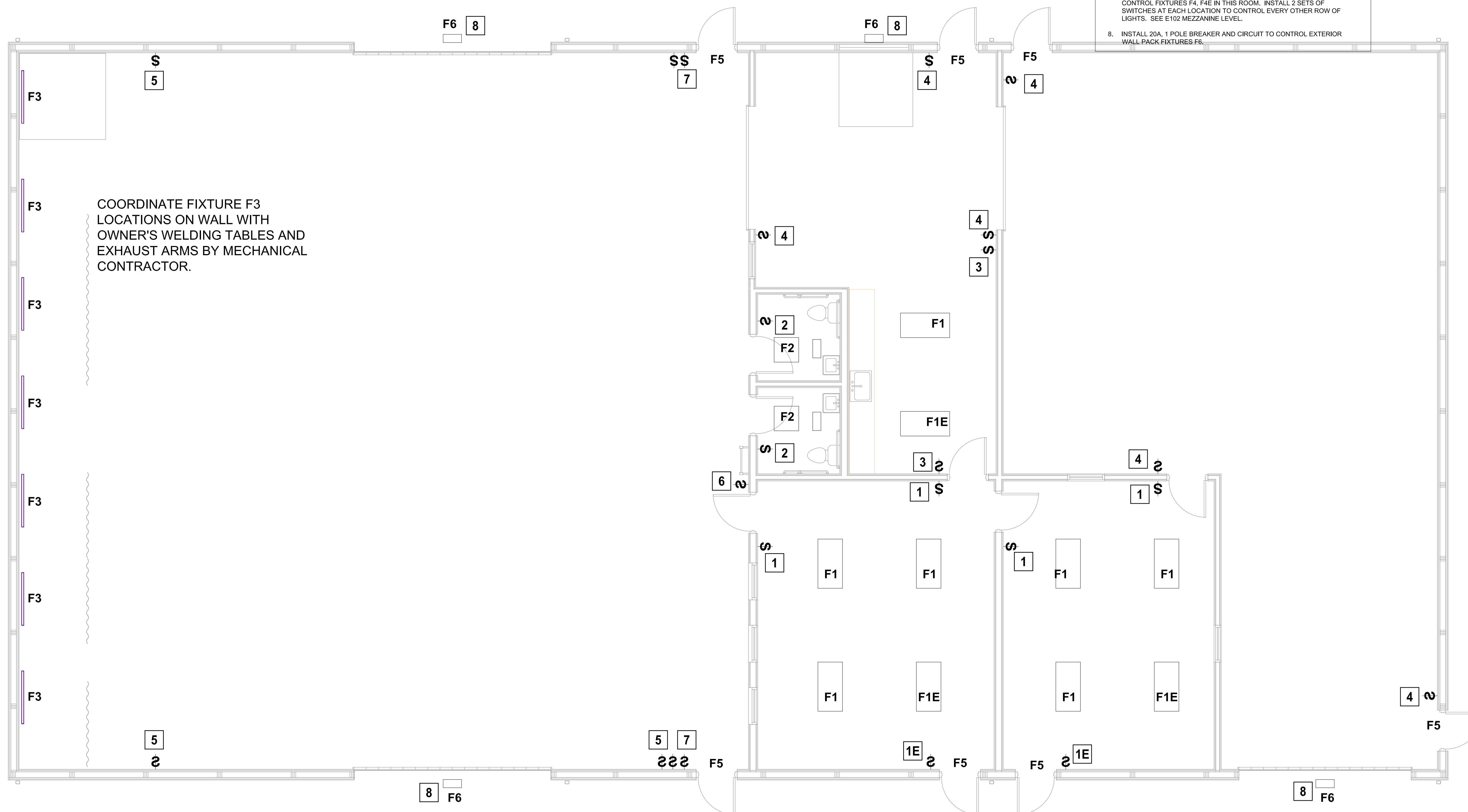
LIGHTING FIXTURE SCHEDULE

- F1 LITHONIA LITHONIA STAKS-2X4ALOG-SWW7-UVOLT
- F2 LITHONIA LITHONIA STAKS-2X2ALOG-SWW7-UVOLT
- F3 LITHONIA FEM L48 8000LM LPAFL MD 80CRI 40K
- F4 LITHONIA FEM L48 12000LM LPAFL MD 80CRI 40K
- F5 LITHONIA TCERGEL
- F6 LITHONIA WPX2 LED WITH PHOTOCCELL

PROVIDE EMERGENCY FIXTURES FOR FIXTURES ENDING IN "E".

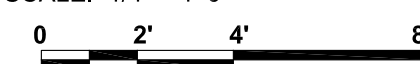
KEYED NOTES

1. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND LEGRAND OR EQUAL TSD4FBL3P LINE VOLTAGE TOGGLE DIMMER (NOTED 1\*) TO CONTROL FIXTURES IN THIS ROOM. ALL OTHER SWITCHES SHALL BE LEGRAND CS SERIES (FOR 3 OR 4 WAY CONTROL).
2. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCH TO CONTROL FIXTURE AND EXHAUST FAN BY MECHANICAL IN THIS ROOM.
3. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCHES TO CONTROL FIXTURES F1, F1E IN THIS ROOM.
4. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCHES TO CONTROL FIXTURES F4, F4E IN THIS ROOM. SEE E102 MEZZANINE LEVEL.
5. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCHES TO CONTROL FIXTURES F3 IN THIS ROOM.
6. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCHES TO CONTROL FIXTURES F4, F4E IN MEZZANINE 201 ABOVE. SEE E102 MEZZANINE LEVEL.
7. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT AND SWITCHES TO CONTROL FIXTURES F4, F4E IN THIS ROOM. INSTALL 2 SETS OF SWITCHES AT EACH LOCATION TO CONTROL EVERY OTHER ROW OF LIGHTS. SEE E102 MEZZANINE LEVEL.
8. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT TO CONTROL EXTERIOR WALL PACK FIXTURES F6.



1 LIGHTING PLAN

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



CURRENT DATE: 4/19/2024



LICENSE EXPIRES: 11/30/24

NEW INDUSTRIAL ARTS BUILDING  
**VIT COMMUNITY UNIT SCHOOL**  
**DISTRICT #2**  
1502 EAST U.S. HIGHWAY 136  
TABLE GROVE, ILLINOIS

CONSTRUCTION DOCUMENT PHASE

ISSUED FOR BIDDING

ISSUE DATE: 4/19/2024

REVISIONS

NO.	DATE	DESCRIPTION
1	5/2/2024	ADD #01

PROJECT NUMBER: 6528

LIGHTING PLAN

DWG. NO.

**E101**

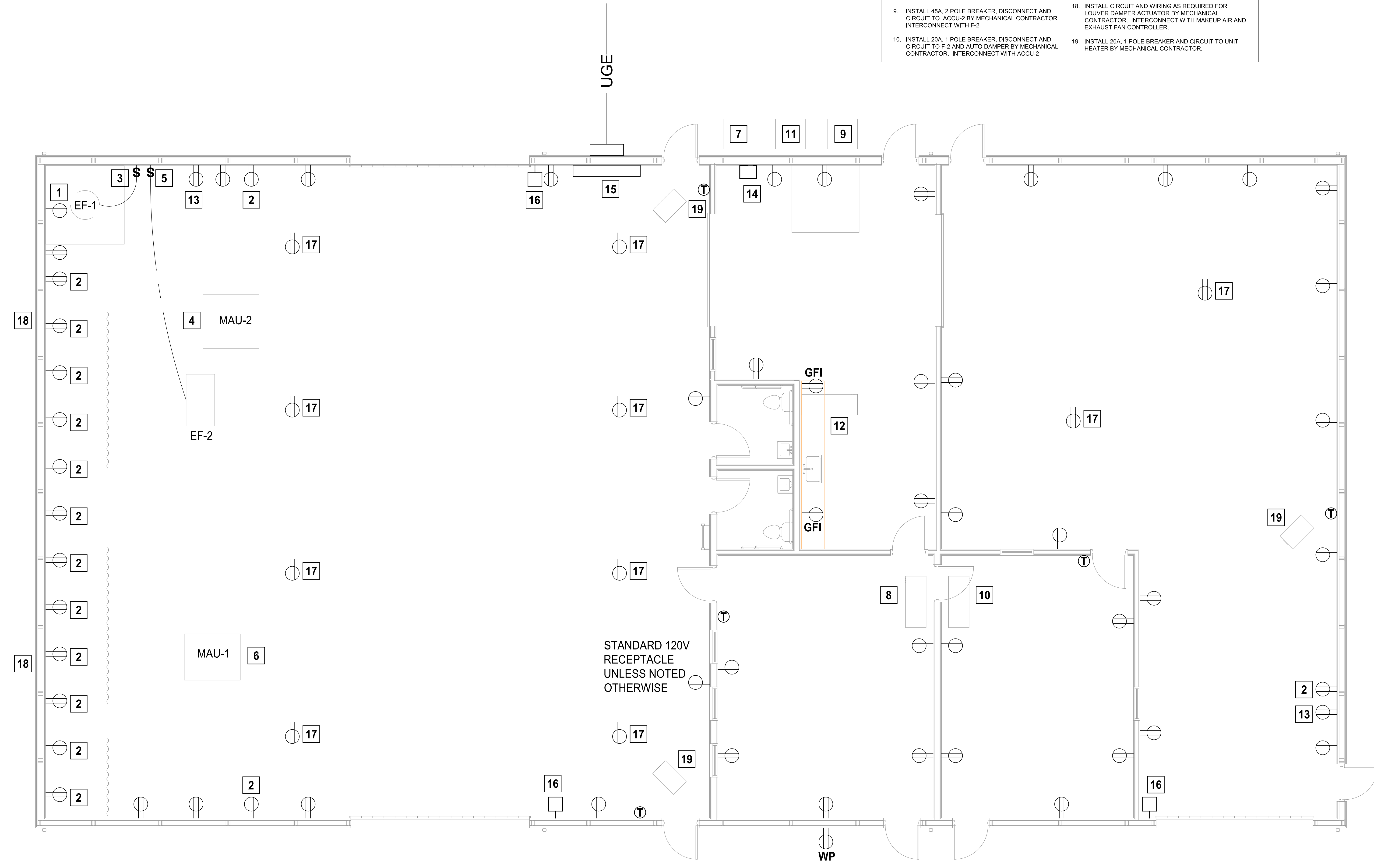


NO.	DATE	DESCRIPTION
1	5/2/2024	ADD #01

**KEYED NOTES**

1. INSTALL 50A, 2 POLE BREAKER AND CIRCUIT TO NEMA 6-50R RECEPTACLE FOR PLASMA TABLE PROVIDED BY OWNER. VERIFY EXISTING EQUIPMENT WITH OWNER PRIOR TO INSTALL.
2. INSTALL 50A, 2 POLE BREAKER AND CIRCUIT TO NEMA 6-50R RECEPTACLE FOR WELDING MACHINE/EQUIPMENT PROVIDED BY OWNER. VERIFY EXISTING EQUIPMENT WITH OWNER PRIOR TO INSTALL.
3. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT TO EF-1 ON ROOF BY MECHANICAL CONTRACTOR. COORDINATE LOCATION OF SWITCH AND SPEED CONTROLLER WITH OWNER. INTERCONNECT WITH MAU-1.
4. INSTALL 15A, 2 POLE BREAKER AND CIRCUIT TO MAU-2 BY MECHANICAL CONTRACTOR. INTERCONNECT WITH EF-2.
5. INSTALL 45A, 3 POLE BREAKER AND CIRCUIT TO EF-2 ON ROOF BY MECHANICAL CONTRACTOR. COORDINATE LOCATION OF SWITCH AND WITH OWNER. INTERCONNECT WITH MAU-2.
6. INSTALL 35A, 3 POLE BREAKER AND CIRCUIT TO MAU-1 BY MECHANICAL CONTRACTOR. INTERCONNECT WITH EF-1.
7. INSTALL 45A, 2 POLE BREAKER, DISCONNECT AND CIRCUIT TO ACCU-1 BY MECHANICAL CONTRACTOR. INTERCONNECT WITH F-1.
8. INSTALL 20A, 1 POLE BREAKER, DISCONNECT AND CIRCUIT TO F-1 AND AUTO DAMPER BY MECHANICAL CONTRACTOR. INTERCONNECT WITH ACCU-1.
9. INSTALL 45A, 2 POLE BREAKER, DISCONNECT AND CIRCUIT TO ACCU-2 BY MECHANICAL CONTRACTOR. INTERCONNECT WITH F-2.
10. INSTALL 20A, 1 POLE BREAKER, DISCONNECT AND CIRCUIT TO F-2 AND AUTO DAMPER BY MECHANICAL CONTRACTOR. INTERCONNECT WITH ACCU-2.
11. INSTALL 50A, 2 POLE BREAKER, DISCONNECT AND CIRCUIT TO ACCU-2 BY MECHANICAL CONTRACTOR. INTERCONNECT WITH F-2.
12. ALL 20A, 1 POLE BREAKER, DISCONNECT AND CIRCUIT TO F-3 AND AUTO DAMPER BY MECHANICAL CONTRACTOR. INTERCONNECT WITH ACCU-3.
13. INSTALL 20A, 2 POLE BREAKER AND CIRCUIT TO NEMA 6-50R RECEPTACLE FOR AIR COMPRESSOR PROVIDED BY OWNER. VERIFY EXISTING EQUIPMENT WITH OWNER PRIOR TO INSTALL.
14. INSTALL 20A, 1 POLE BREAKER(S) AND CIRCUIT(S) FOR NEW WATER HEATER AND RECIRC PUMP BY PLUMBING CONTRACTOR.
15. COORDINATE NEW ELECTRIC SERVICE WITH UTILITY CO. INSTALL (3) #400KCMIL, 3-1/2" FROM TRANSFORMER TO CT CABINET AND METER BASE. EXTEND (2) SETS OF PARALLEL (3) 250KCMIL, 3" TO (2) 600A, 208/3 PHASE DISCONNECTS WITH 500A FUSES AND FEED (2) 42 CIRCUIT MLO PANELS INSIDE BUILDING. SPLIT WELDING AND OTHER CIRCUITS AS REQUIRED BETWEEN PANELS. VERIFY ALL WIRE SIZES, CONDUITS, ETC PER NEC AND INSTALL GROUNDING PER NEC.
16. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT FOR NEW GARAGE DOOR OPENER. COORDINATE LOCATION OF PUSH BUTTON OPERATOR WITH OWNER.
17. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT TO CRCD123N50R20 OVERHEAD CORD REEL WITH 50' CORD AND QUADPLEX RECEPTACLE.
18. INSTALL CIRCUIT AND WIRING AS REQUIRED FOR LOUVER DAMPER ACTUATOR BY MECHANICAL CONTRACTOR. INTERCONNECT WITH MAKEUP AIR AND EXHAUST FAN CONTROLLER.
19. INSTALL 20A, 1 POLE BREAKER AND CIRCUIT TO UNIT HEATER BY MECHANICAL CONTRACTOR.

SEE SITE PLAN FOR CONTINUATION



**1 POWER PLAN**  
SCALE: 1/4" = 1'-0"  
0 2' 4' 8'