

# NEW CONSTRUCTION FOR: 5N2 FOOD PANTRY

17247 NC W.  
SANFORD, NC 27332

**NOTICE TO CONTRACTOR**  
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

Reviewed for Code Compliance

01/12/2026




## ABBREVIATIONS

@	AT	ELEV	ELEVATION	MTL	METAL WALK-OFF MAT	SSG	STRUCTURAL SILICON
ACC	ACCENT COLOR	EN	ENAMEL	MWM	METAL WALK-OFF MAT	SSM	GLAZING
ACOUS	ACOUSTIC	EPT	HIGH PERFORMANCE EPOXY PAINT	MWT	MARBLE WALL TILE	ST	SOLID SURFACE
ACT	ACOUSTICAL CEILING TILE	EQ	EQUAL	N/A	NOT APPLICABLE	ST&R	STAIR TREADS AND RISERS
ACW	ACOUSTICAL WALL PANELS	ES	EXPOSED STRUCTURE	NIC	NOT IN CONTRACT	STD	STANDARD
AD	AREA DRAIN	EST	EXISTING	NOM	NORMAL	SUSP	SUSPENDED
ADJ	ADJUSTABLE	EXP	EXPOSED CEILING	OC	ON CENTER	T&G	TONGUE AND GROOVE
AE	APPROVED EQUAL	EXT	EXTERIOR	OD	OUTSIDE DIAMETER	TB	TILE BASE
AFF	ABOVE FINISH FLOOR	EW	EACH WAY	OCFI	OWNER FURNISHED, CONTRACTOR INSTALLED	TC	TERRA COTTA
AFL	ATHLETIC FLOORING	EW	EACH WAY	OC	OWNER FURNISHED, CONTRACTOR INSTALLED	TCA	TILE COUNCIL OF AMERICA
AHU	AIR HANDLING UNIT	EW	ELECTRIC WATER COOLER	OP	OWNER FURNISHED, CONTRACTOR INSTALLED	TELE	TELEPHONE
ALUM	ALUMINUM	FC	FIRECODE	OPFI	OWNER FURNISHED, CONTRACTOR INSTALLED	TEMP	TEMPERED
ANOD	ANODIZED	FD	FLOOR DRAIN	OPP	OPPOSITE	TEXT	TEXTURED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	FE	FIRE EXTINGUISHER (SURFACE MOUNTED)	OS	OVERFLOW SCUPPER	TFT	TERRAZZO FLOOR TILE
ATTEN	ATTENTION	FEC	FIRE EXTINGUISHER (SEMI-RECESSED)	OZ	OUNCE	TOC	TOP OF CURB
AWP	ACRYLIC WALL PANELS	FF	FINISH FLOOR	P	PAINT	TOP	TOP OF STEEL
B&T	BIODEGRADABLE TILE	FI	FIRE FINISH	PC	POLISHED CONCRETE	TP	TELEPHONE POLE
BF	BLOCK FILL	FL	FIRE HYDRANT	PERF	PERFORATED	TS	TRANSITION STRIP
BFC	BROOMED FINISHED CONCRETE	FLU	FLOURESCENT	PFT	PORCELAIN FLOOR TILE	TV	TELEVISION
BL	BLINDS	FOF	FACE OF FRAME	PV	POST INDICATOR VALVE	TVB	TELEVISION MOUNTING BRACKET
BLDG	BUILDING	FOM	FACE OF MASONRY	PL	PLATE	TYP	TYPICAL
BLKG	BLOCKING	FT	FLOOR TILE	P-LAM	PLASTIC LAMINATE	UL	UNDERWRITERS LABORATORY
BOT	BOTTOM	FTG	FOOTING	P-LAM WD	PLASTIC LAMINATE WOOD DOORS	UL	UNLESS NOTED OTHERWISE
BPG	BULLET PROOF GLASS	FV	FLOOR VENT	PLYWD	PLYWOOD	UL	UNLESS NOTED OTHERWISE
CB	CATCH BASIN	GA	GAGE	PNT	PAINT	UNO	UNLESS NOTED OTHERWISE
CEM	CEMENTIOUS SIDING	GALV	GALVANIZED	PNT	PAINT	VCT	VINYL ACUSTICAL TILE
CF	CORK FLOORING	GC	GENERAL CONTRACTOR	PNT	PAINT	VB	VAPOR BARRIER
CFT	CERAMIC FLOOR TILE	GCT	GRANITE COUNTERTOP	PP	POWER POLE	VCT	VINYL COMPOSITION TILE
CG	CURVED CEILING GRID	GEN	GENERATOR	PR	PAIR	VV	VERIFY IN FIELD
CI	CAST IRON	GFT	GRANITE FLOOR TILE	PTB	PORCELAIN TILE BASE	VERT	VERTICAL
CI#	CURB INLET	GL	GLASS	PTD	PAINTED	VIF	VERIFY IN FIELD
CJ	CONTROL JOINT	GMT	GLASS MOSAIC TILE	PTP	PLASTIC TOILET	VWC	VINYL WALL COVERING
CL	CENTERLINE	GROUT	GROUT	PT	PARTITIONS	WI	WITH
CLG	CEILING	GWB	GYPSUM WALL BOARD	PVT	PORCELAIN WALL TILE	WC	WATER CLOSET
CLR	CLEAR	GYP	GYPSUM BOARD	PVC	POLYVINYL CHLORIDE	WD	WOOD
CMU	CONCRETE MASONRY UNIT	HB	HOSE BIB	QS	QUARTZ SURFACE	WF	WOOD FLOORING
CO	CLEAN OUT	HC	HOLLOW CORE	QT	QUARTZ TILE	WT	WALL TILE
COL	COLUMN	HDC	HANDICAP	QT	QUARTZ TILE	WT*	WALL TILE - SEE ELEVATION
CONC	CONCRETE	HDWD	HARDWOOD	R	RADIUS	WTF	WELDED WIRE FABRIC
CONSTR	CONSTRUCTION	HM	HOLLOW METAL	R&S	ROD AND SHELF	WVF	WELDED WIRE MESH
CONTR	CONTRACTOR	HR	HORIZONTAL	RB	RESILIENT BASE		
CORR	CORRUGATED	HR	HOUR	RBT	RUBBER TILE		
CPT	CARPET	ID	INSIDE DIAMETER	RCP	REINFORCED CONCRETE		
CPTT	CARPET TILE	IMP	INSIDE DIAMETER	RDL	ROOF DRAIN		
CR	CORRUGATED CHANNEL	INSUL	INSULATION	RDL	ROOF DRAIN LEADER		
CRF	CORR RUBBER FLOORING	INT	INTERIOR	RD	RECYCLED FLOORING		
CSC	COUNTERSUNK	INT	INTERIOR	REQD	REQUIRED		
CSCI	CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED	INT	INTERIOR	RES	RESILIENT		
CTB	CERAMIC TILE BASE	INT	INTERIOR	RM	RUBBER MAT		
CW	CURTAINWALL	JB	JOIST BEARING	RO	ROUGH OPENING		
CWT	CERAMIC WALL TILE	JB#	JOINT BOX	ROW	RIGHT OF WAY		
D	DRY FOG PAINT	JT	JOINT	RSF	RESINOUS FLOORING		
DIA	DIAMETER	L	LONG	RTF	RESILIENT TILE FLOORING		
DISP	DISPENSER	LFT	LINOLEUM FLOOR TILE	SAT	SPRAYED ACOUSTICAL TREATMENT		
DN	DOWN	LP	LIGHT POLE	SCH	SEALED CONCRETE SCHEDULE		
DP	DEEP	LST	LINOLEUM SHEET FLOORING	SCW	SCHEDULE		
DR	DOOR	LVS	LEAVES (DOOR)	SDT	SOLID CORE WOOD		
DS	DOWNSPOUT	LVT	LUXURY VINYL TILE	SF	STOREFRONT		
DTL	DETAIL	MATL	MATERIAL	SF	STOREFRONT		
EDG	EDGE BANDING	MAX	MAXIMUM	SH	SHEATHING		
EES	EMERGENCY EYE WASH AND SHOWER	MB	MASONRY - BRICK	SIM	SIMILAR		
EFC	EPOXY FLOOR COATING	MC	MARBLE	SP	SPACES		
EFS	EXTERIOR INSULATION FINISH SYSTEM	MCT	METAL CEILING TILE	SO	SQUARE		
EIP	EXISTING IRON PIPE	MECH	MECHANICAL	SOFT	SQUARE FEET		
EJ	EXPANSION JOINT	MFR	MANUFACTURER	SRT	SLIP RESISTANT TILE		
		MFT	MARBLE FLOOR TILE	SS	STAINLESS STEEL		
		MN	MINIMUM	SSC	STAINED SEALED CONCRETE		
		MO	MASONRY OPENING				
		MTB	MARBLE TILE BASE				
		MTD	MOUNTED				

## SYMBOL LEGEND

**DRAWING TITLE**  
DRAWING NO. **00** **VIEW NAME**  
SHEET NO. **A0.00** 1/8" = 1'-0" SCALE

**SECTION MARK**  
DETAIL NO. **S1**  
SHEET NO. **A101**

**CALLOUT DETAIL MARK**  
DETAIL NO. **S1**  
SHEET NO. **A101**

**EXTERIOR ELEVATION MARK**  
DETAIL NO. **A101**  
SHEET NO. **A101**

**INTERIOR ELEVATION MARK**  
DETAIL NO. **A101**  
SHEET NO. **A101**

**ROOM MARK**  
ROOM NAME **101A** ROOM NO. **101A**  
150 SF (1.5 Occupancy Type) OCCUPANCY INFO.  
## PERSONS (LIFE SAFETY SHEETS)

**WALL MARK**  
**S3** \* INDICATES FINISH TO STOP ABOVE CEILING  
**1R-U999** IF FIRE RATED, HOUR RATING - UL ASSEMBLY #

**WINDOW MARK**  
**W3**

**ASSEMBLED GLASS ELEVATION**  
**SF99**

**CEILING MARK**  
**A 15' 6-5/8"** **A 15' 6-5/8"**  
#R - UL#

**GLASS TYPE MARK**  
**(GU-99)**

**DOOR MARK**  
**000**


**MISC. MARK**  
**EHD**

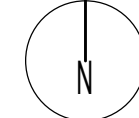
**WINDOW MARK**  
**W3**

**INTERIOR / EXTERIOR MATERIAL MARK**  
**INT-1 EXT-1**

**CABINET MARK**  
**BH-###**

**STEP MARK**  
**0"**

**REVISION MARK** 

**NORTH ARROW** 

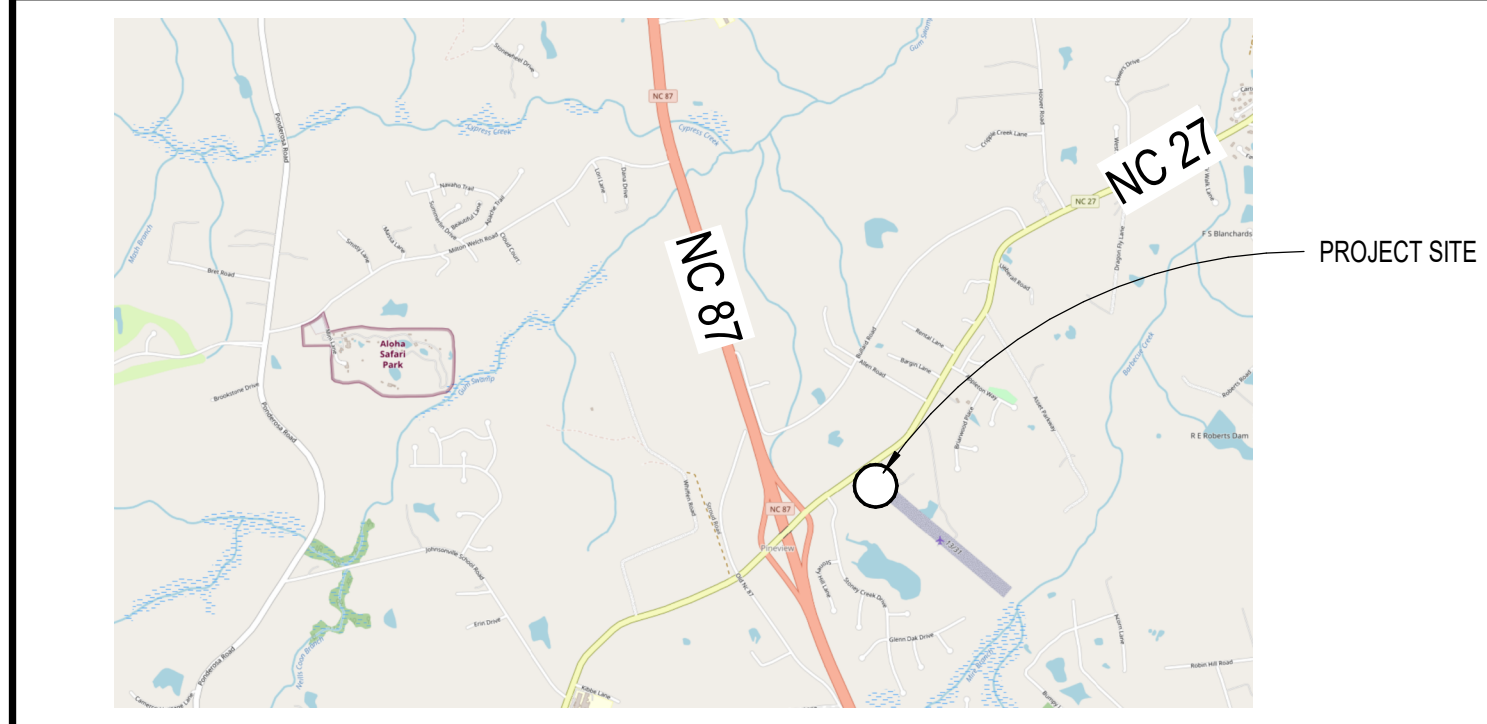
## SHEET NAMING LEGEND

SECTION	DISCIPLINE	PAGE NUMBER
0 GENERAL	G COVER	
1 PLANS	G CODE SUMMARY	
2 EXTERIOR ELEVATIONS	G LIFE SAFETY	
3 BUILDING / WALL SECTIONS	CE CIVIL	
4 VERTICAL CIRCULATION	L LANDSCAPE	
5 DETAILS	S STRUCTURAL	
6 WINDOW & DOOR SCHEDULES	D DEMOLITION	
7 INTERIOR ELEV / CASEWORK	A ARCHITECTURAL	
	Q EQUIPMENT	
	FP FIRE PROTECTION	
	P PLUMBING	
	M MECHANICAL	
	E ELECTRICAL	
	FA FIRE ALARM	
	X MISCELLANEOUS	

**A1.01**

APPLICABLE TO ARCHITECTURAL SHEETS ONLY


## VICINITY MAP



## CONSULTANTS

PLUMBING, MECHANICAL, AND ELECTRICAL ENGINEERS: IMEG CORP.

**CONTACT INFORMATION:**  
ADDRESS: 3221 Blue Ridge Road  
Suite 113  
Raleigh, NC 27612  
PHONE: 919.571.1111



## INDEX OF DRAWINGS

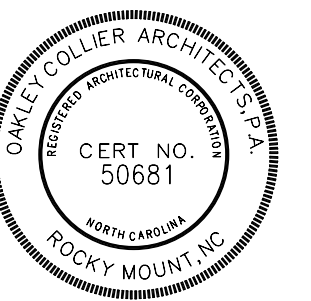
NUMBER	NAME	ISSUE DATE	CURRENT REVISION		
			NO.	DATE	DESCRIPTION
<b>GENERAL</b>					
G0.1	COVERSHEET	11/24/25	1	1/5/2026	AHJ Response v1
G0.2	BUILDING CODE SUMMARY	11/24/25	1	1/5/2026	AHJ Response v1
<b>ARCHITECTURAL</b>					
A1.0	ARCHITECTURAL SITE PLAN	11/24/25	1	1/5/2026	AHJ Response v1
A1.1	FLOOR PLAN - LEVEL 1 OVERALL	11/24/25			
A1.2	REFLECTED CEILING / ROOF PLAN	11/24/25			
A2.0	BUILDING ELEVATIONS / SECTIONS	11/24/25			
A6.0	DOOR AND WINDOW SCHEDULES/DETAILS	11/24/25	1	1/5/2026	AHJ Response v1
<b>PLUMBING</b>					
P0.1	NOTES, LEGENDS, SCHEDULES, DETAILS	11/24/25			
P1.1	PLUMBING PLAN	11/24/25			
P1.2	PLUMBING ENLARGED PLANS	11/24/25			
P2.1	PLUMBING DETAILS AND WASTE RISER	11/24/25			
<b>MECHANICAL</b>					
M0.1	NOTES, LEGENDS, SCHEDULES	11/24/25			
M1.1	MECHANICAL PLAN	11/24/25			
M2.1	MECHANICAL DETAILS	11/24/25			
<b>ELECTRICAL</b>					
E0.1	LEGEND, NOTES, DETAIL, SCHEDULES	11/24/25			
E1.1	LIGHTING + POWER PLAN, POWER RISER + SCHEDULE	11/24/25			

NEW CONSTRUCTION FOR:

FOOD PANTRY BUILDING

5N2 FOOD PANTRY

17247 NC 27 W SANFORD, NC 27332



GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date
1	AHJ Response v1	1/5/2026

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	GO.1
Checked By	Sheet Title
DG	COVERSHEET

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# 2018 APPENDIX B BUILDING CODE SUMMARY

Name of Project: **SN2 FOOD PANTRY**  
 Address: **17247 NC 27 W SANFORD, NORTH CAROLINA** Zip Code: **27332**  
 Owner/Authorized Agent: **TIM JOHNSON - SN2 FOOD MINISTRIES INC.**  
 Phone # **910-303-7209** E-Mail: **DIRECTOR@FIVENTWOFOODPANTRY.COM**  
 Owned By:  City/County  Private  State  
 Code Enforcement Jurisdiction:  City  County **HARNETT**  State

CONTACT: **JOSEPH F. KLIMEK ARCHITECT**  
 DESIGNER FIRM NAME LICENSE# TELEPHONE# E-MAIL  
 Architectural **OAKLEY COLLIER ARCHITECTS** **JOSEPH F. KLIMEK** 13316 252-937-2500 JKLIKEK@OAKLEYCOLLIER.COM  
 Civil  
 Electrical **IMEG CORP.** **SUJIN PRAMOJANEY** 027479 919-571-1111 SUJIN.PRAMOJANEY@IMEG.CORP.COM  
 Fire Alarm  
 Plumbing **IMEG CORP.** **PATRICK J. MCCABE** 051195 919-571-1111 PATRICK.J.MCCABE@IMEG.CORP.COM  
 Mechanical **IMEG CORP.** **PATRICK J. MCCABE** 051195 919-571-1111 PATRICK.J.MCCABE@IMEG.CORP.COM  
 Sprinkler-Standpipe  
 Structural  
 Retaining Walls >5' High  
 Other

(\*Other\* should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

**2018 NC BUILDING CODE:**  New Building  Addition  Renovation  
 1st Time Interior Completion  
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements  
 Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

**2018 NC EXISTING BUILDING CODE:** Existing  Prescriptive  Repair  Chapter 14  
 Alteration  Level I  Level II  Level III  
 Historic Property  Change of Use

**CONSTRUCTED:** (date) **N/A** **CURRENT OCCUPANCY(S)** (Ch.3): **N/A**  
**RENOVATED:** (date) **N/A** **PROPOSED OCCUPANCY(S)** (Ch.3): **S-2**  
**Risk Category** (Table 1604.5): Current:  I  II  III  IV  V  
 Proposed:  I  II  III  IV

**BASIC BUILDING DATA** TYPE VB TO ALLOW COMBUSTIBLE MATERIAL TYPES FOR BUILD BY OWNER DISCRETION.  
**Construction Type:**  I-A  II-A  III-A  IV  V-A  V-B  
 I-B  II-B  III-B  
**Sprinklers:**  No  Partial  Yes  NFPA 13  NFPA 13R  NFPA 13D  
**Standpipes:**  No  Yes Class  I  II  III  Wet  Dry  
**Fire District:**  No  Yes **Flood Hazard Area:**  No  Yes  
**Special Inspections Required:**  No  Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

GROSS BUILDING AREA TABLE			
FLOOR	EXISTING (SQ FT)	ADDITION (SQ FT)	SUB-TOTAL
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
1st Floor		2,477	2,477
Basement			
<b>TOTAL</b>		<b>2,477</b>	<b>2,477</b>

**ALLOWABLE AREA**  
**Primary Occupancy Classification(s):**  
 Assembly  A-1  A-2  A-3  A-4  A-5  
 Business   
 Educational   
 Factory  F-1 Moderate  F-2 Low  
 Hazardous  H-1 Detonate  H-2 Deflagrate  H-3 Combust  H-4 Health  H-5 HPM  
 Institutional  I-1 Condition  I-2  I-3  I-4  
 I-2 Condition  I-1  I-2  I-3  I-4  
 I-3 Condition  I-1  I-2  I-3  I-4  
 I-4  
 Mercantile   
 Residential  R-1  R-2  R-3  R-4  
 Storage  S-1 Moderate  S-2 Low  High-piled  
 Parking Garage  Open  Enclosed  Repair Garage  
 Utility and Miscellaneous

**Accessory Occupancy Classification(s):** **N/A**  
**Incidental Uses** (Table 509): **N/A**  
**Special Uses** (Chapter 4 - List Code Sections): **N/A**  
**Special Provisions:** (Chapter 5 - List Code Sections): **N/A**  
**Mixed Occupancy:**  No  Yes Separation: **0** Hr. Exception:

Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.  
 Separated Use (508.4) - See below for area calculations for each story. The area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1:

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} + \dots \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA*	(C) AREA FOR FRONTAGE INCREASE <sup>1</sup>	(D) ALLOWABLE AREA PER STORY OR UNLIMITED <sup>2</sup>
1	S-2	2,477	8,500	N/A	8,500

- Frontage area increases from Section 506.3 are computed thus:  
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = **N/A** (F)  
 b. Total Building Perimeter = **N/A** (P).  
 c. Ratio (F/P) = **N/A** (F/P)  
 d. W = Minimum width of public way = **N/A** (W)  
 e. Percent of frontage increase  $F = 100(F/P) \times W/30 = \text{N/A}$  (%).  
 2. Unlimited area applicable under conditions of Section 507.  
 3. Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).  
 4. The maximum area of open parking garages must comply with Table 406.5.4.  
 5. Frontage increase is based on the unspinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40 FT.	14 FT.	504.3
Building Height in Stories (Table 504.4) 3	1	1	504.4

1. Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.  
 2. The maximum height of air traffic towers must comply with Table 412.3.1.  
 3. The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS							
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQD	RATING			SHEET# FOR RATED PENETRATION	SHEET# FOR RATED JOINTS
			PROVIDED (W/ REDUCTION)	DETAIL# AND SHEET#	DESIGN# FOR RATED ASSEMBLY		
Structural Frame, including columns, girders, trusses	>30	0	0	N/A	N/A	N/A	N/A
Exterior Bearing Walls							
North	>30	-	-	-	-	-	-
East	>30	-	-	-	-	-	-
West	>30	-	-	-	-	-	-
South	>30	-	-	-	-	-	-
Interior Bearing Walls							
Exterior Non-bearing Walls and Partitions							
North	>30	-	-	-	-	-	-
East	>30	-	-	-	-	-	-
West	>30	-	-	-	-	-	-
South	>30	-	-	-	-	-	-
Interior Non-bearing Walls and Partitions							
Floor Construction, Including Supporting Beams and Joists							
Floor Ceiling Assembly							
Columns Supporting Floors							
Roof Construction, Including Supporting Beams and Joists							
Roof Ceiling Assembly							
Columns Supporting Roof							
Shaft Enclosures - Exit							
Shaft Enclosures - Other							
Corridor Separation							
Occupancy/Fire Barrier Separation							
Party/Fire Wall Separation							
Smoke Barrier Separation							
Smoke Partition							
Tenant/Dwelling Unit/Sleeping Unit Separation							
Incidental Use Separation							

\* Indicates section number permitting reduction.

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
30 OR GREATER	UP, NS	NO LIMIT	N/A

**LIFE SAFETY SYSTEM REQUIREMENTS**  
 Emergency Lighting:  No  Yes  
 Exit Signs:  No  Yes  
 Fire Alarm:  No  Yes  
 Smoke Detection Systems:  No  Yes  Partial  
 Carbon Monoxide Detection:  No  Yes

**LIFE SAFETY PLAN REQUIREMENTS**  
 Life Safety Plan Sheet #: **G02**  
 Fire and/or smoke rated wall locations (Chapter 7).  
 Assumed and real property line locations (if not on the site plan).  
 Exterior wall opening area with respect to distance to assumed property lines (705.8).  
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2).  
 Occupant loads for each area.  
 Exit access travel distances (1017).  
 Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1)).  
 Dead end lengths (1020.4).  
 Clear exit widths for each exit door.  
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3).  
 Actual occupant load for each exit door.  
 A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation.  
 Location of doors with panic hardware (1010.1.10).  
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7).  
 Location of doors with electromagnetic egress locks (1010.1.9.9).  
 Location of doors equipped with hold-open devices.  
 Location of emergency escape windows (1030).  
 The square footage of each fire area (202).  
 The square footage of each smoke compartment for Occupancy Classification I-2 (407.5).  
 Code exceptions or table notes that may have been utilized regarding the items above.

ACCESSIBLE DWELLING UNITS							
(SECTION 1107)							
TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS PROVIDED	TYPE B UNITS PROVIDED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ACCESSIBLE PARKING						
(SECTION 1106)						
LOT OR PARKING AREA	# OF ACCESSIBLE SPACES PROVIDED		VAN SPACES WITH		TOTAL # ACCESSIBLE PROVIDED	
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	12' ACCESS AISLE		
	##	##	##	##	##	##
<b>TOTAL</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>

PLUMBING FIXTURE REQUIREMENTS									
(TABLE 2902.1)									
USE	WATER CLOSETS			LAVATORIES			SHOWERS/TUBS	DRINKING FOUNTAINS	
	MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX		REGULAR	ACCESSIBLE
EXISTING	-	-	1	-	-	-	1	-	-
NEW	-	-	1	-	-	-	1	-	-
REQD	-	-	1	-	-	-	1	-	-

**SPECIAL APPROVALS**  
 Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

**ENERGY SUMMARY**  
**ENERGY REQUIREMENTS:**  
 The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.  
**Existing building envelope complies with code:**  No  Yes (The remainder of this section is not applicable)  
**Exempt Building:**  No  Yes (Provide code or statutory reference)  
**Climate Zone:**  3A  4A  5A  
**Method of Compliance:** Energy Code  Performance  Prescriptive  
 ASHRAE 90.1  Performance  Prescriptive  
 (If "Other" specify here)

**THERMAL ENVELOPE** (Prescriptive method only)  
**Roof/Ceiling Assembly** (each assembly)  
 Description of assembly: **PRE-ENGINEERED METAL BUILDING (SEE PEMB DESIGN)**  
 U-Value of total assembly: -  
 R-Value of insulation: **R-19 + R-11 LS**  
 Skylights in each assembly: -  
 U-Value of skylight: -  
 Total square footage of skylights in each assembly: -  
**Exterior Walls** (each assembly)  
 Description of assembly: **PRE-ENGINEERED METAL BUILDING (SEE PEMB DESIGN)**  
 U-Value of total assembly: -  
 R-Value of insulation: **R-0 + R-15 Rci**  
 Openings (windows or doors with glazing)  
 U-Value of assembly: -  
 Solar heat gain coefficient: -  
 Projection factor: -  
 Door R-Values: -  
**Walls below grade** (each assembly)  
 Description of assembly: -  
 U-Value of total assembly: -  
 R-Value of total assembly: -  
**Floors over unconditioned space** (each assembly)  
 Description of assembly: -  
 U-Value of total assembly: -  
 R-Value of total assembly: -  
**Floors slab on grade** (each assembly)  
 Description of assembly: **SLAB ON GRADE (PER PEMB DESIGN)**  
 U-Value of total assembly: **R-15 for 24"**  
 R-Value of insulation: -  
 Horizontal/vertical requirement: -  
 Slab heated: -

**DESIGN LOADS:**  
**Importance Factors:** Snow **N/A** (Is) Seismic **N/A** (Ie)  
**Live Loads:** Roof **N/A** psf Mezzanine **N/A** psf Floor **N/A** psf  
**Ground Snow Load:** **N/A** psf  
**Wind Load:** Ultimate Wind Speed **N/A** mph (ASCE-7) Exposure Category **N/A**  
**SEISMIC DESIGN CATEGORY:**  A  B  C  D  
 Provide the following Seismic Design Parameters:  
**Risk Category** (Table 1604.5):  I  II  III  IV  
**Spectral Response Acceleration:**  $S_s$  **N/A** %g  $S_1$  **N/A** %g  
**Site Classification** (ASCE 7):  A  B  C  D  E  F  
 Data Source:  Field Test  Presumptive  Historical Data  
**Basic Structural System:**  Bearing Wall  Dual w/Special Moment Frame  Building Frame  Dual w/Intermediate R/C or Special Steel  Moment Frame  Inverted Pendulum  Simplified  Equivalent Lateral Force  Dynamic  
**Analysis Procedure:** Architectural, Mechanical, Components anchored:  Yes  No  
**LATERAL DESIGN CONTROL:**  Earthquake  Wind  
**SOIL BEARING CAPACITIES:** Field Test (provide copy of test report): **N/A** psf Presumptive Bearing Capacity: **N/A** psf Pile Size, Type, and Capacity: **N/A**

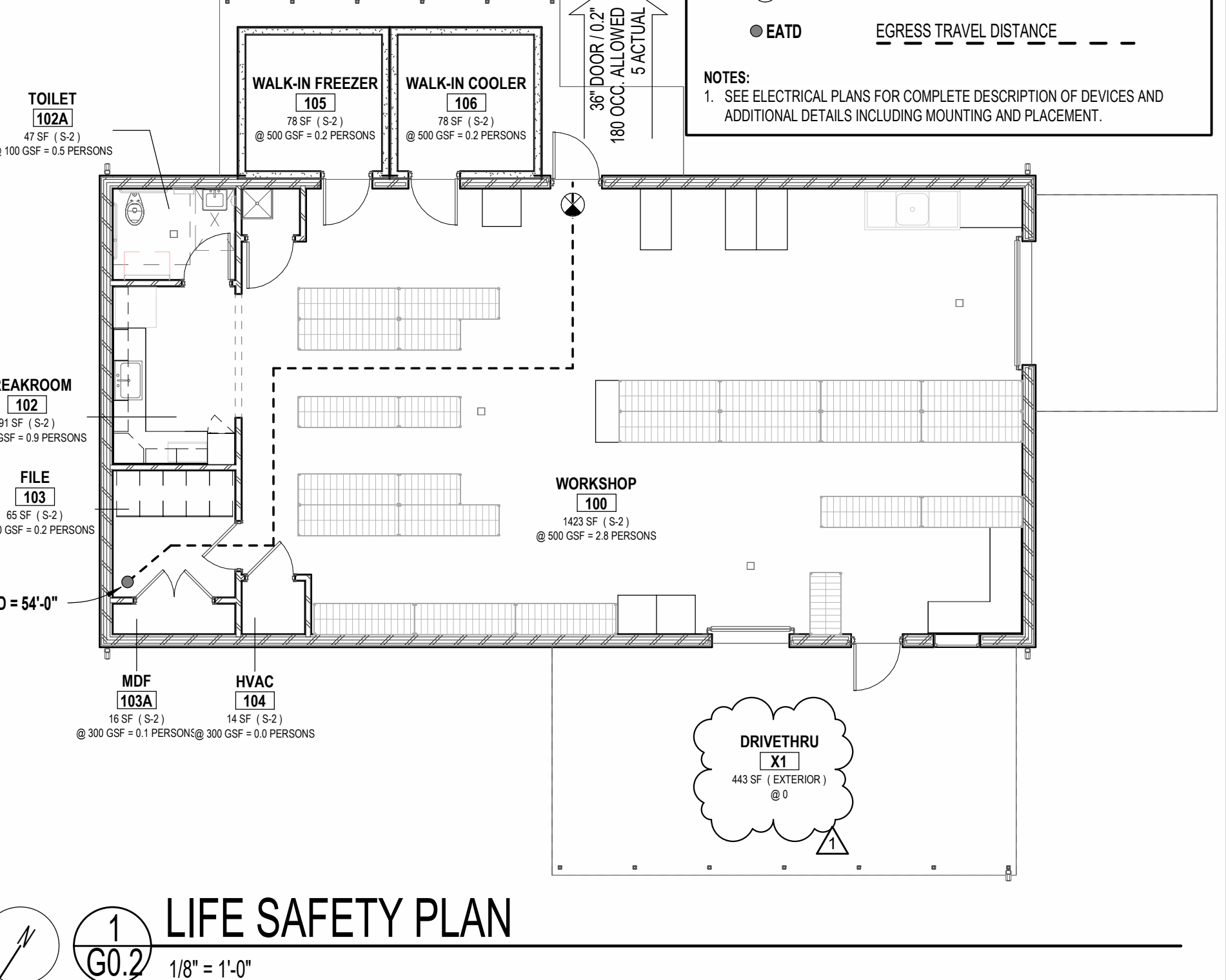
**MECHANICAL DESIGN** SEE SHEET **MO.1** For detailed code compliance.

**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT**  
**Thermal Zone** -  
**Exterior Design Conditions**  
 Winter dry bulb: -  
 Summer dry bulb: -  
 Relative humidity: -  
**Interior Design Conditions**  
 Winter dry bulb: -  
 Summer dry bulb: -  
 Relative humidity: -  
**Building Heating Load:** -  
**Building Cooling Load:** -  
**Mechanical Spacing Conditioning System**  
 Unitary  
 Description of unit: -  
 Heating efficiency: -  
 Cooling efficiency: -  
 Size category of unit: -  
 Boiler  
 Size category, if oversized, state reason: -  
 Chiller  
 Size category, if oversized, state reason: -  
**List equipment efficiencies:** -

**ELECTRICAL DESIGN** SEE SHEET **E0.1** For detailed code compliance.

**ELECTRICAL SYSTEM AND EQUIPMENT**  
**Method of Compliance:** Energy Code:  Prescriptive  Performance ASHRAE 90.1:  Prescriptive  Performance  
**Lighting Schedule** (each fixture type)  
 Lamp type required in fixture: -  
 Number of lamps in fixture: -  
 Ballast type used in the fixture: -  
 Number of ballasts in fixture: -  
 Total wattage per fixture: -  
 Total interior wattage specified vs. allowed (whole building or space by space): -  
 Total exterior wattage specified vs. allowed: -  
**Additional Efficiency Package Options** (When using the 2018 NCCCEC; not required for ASHRAE 90.1)  
 C406.2 More Efficient HVAC Equipment Performance  
 C406.3 Reduced Lighting Power Density  
 C406.4 Enhanced Digital Lighting Controls  
 C406.5 On-Site Renewable Energy  
 C406.6 Dedicated Outdoor Air System  
 C406.7 Reduced Energy Use in Service Water Heating

OCCUPANCY SCHEDULE (NET)					
OCCUPANCY	FUNCTION	OCC.		AREA	OCC. LOAD
		FACTOR	TYPE		
LEVEL 01					
EXTERIOR	z-Unoccupied	0		443 SF	0
S-2	Accessory Storage, Mech. Equip. Room	300	GSF	106 SF	0.4
S-2	Business	100	GSF	138 SF	1.4
S-2	Warehouses, Repair Garages	500	GSF	1579 SF	3.2
LEVEL 01				2266 SF	4.9
GRAND TOTAL				2266 SF	4.9



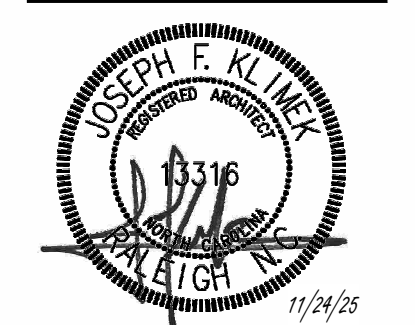
**LIFE SAFETY LEGEND**  
**ROOM NAME (101A)**  
 150 SF (LS Occupancy Type) @ ## GSF/NSF/FIXED = ## PERSONS (EGRESS) @ ## GSF/NSF/FIXED = ## PERSONS  
**OCCUPANCY ROOM TAG**  
 AREA (OCCUPANCY TYPE)  
 OCCUPANT LOAD (BUILDING)  
 OCCUPANT LOAD (EGRESS)  
**DOOR SIZE / DOOR CODE FACTOR**  
 XXX OCC. ALLOWED  
 XXX ACTUAL  
**ACTUAL EGRESS LOAD**  
**FE** FIRE EXTINGUISHER - SURFACE MOUNTED  
**EXIT SIGN - NOTE 1**  
**EATD** EGRESS TRAVEL DISTANCE  
**NOTES:**  
 1. SEE ELECTRICAL PLANS FOR COMPLETE DESCRIPTION OF DEVICES AND ADDITIONAL DETAILS INCLUDING MOUNTING AND PLACEMENT.

**LIFE SAFETY PLAN**  
 1/8" = 1'-0"

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**OAKLEY COLLIER ARCHITECTS**  
**OCA ARCHITECTS**  
 107 Candlewood Road, Rocky Mount, NC 27804 (P) 252-937-2500  
 205 W. Martin Street, Raleigh, NC 27601

**NEW CONSTRUCTION FOR:**  
**FOOD PANTRY BUILDING**  
 5N2 FOOD PANTRY  
 17247 NC 27 W SANFORD, NC 27332



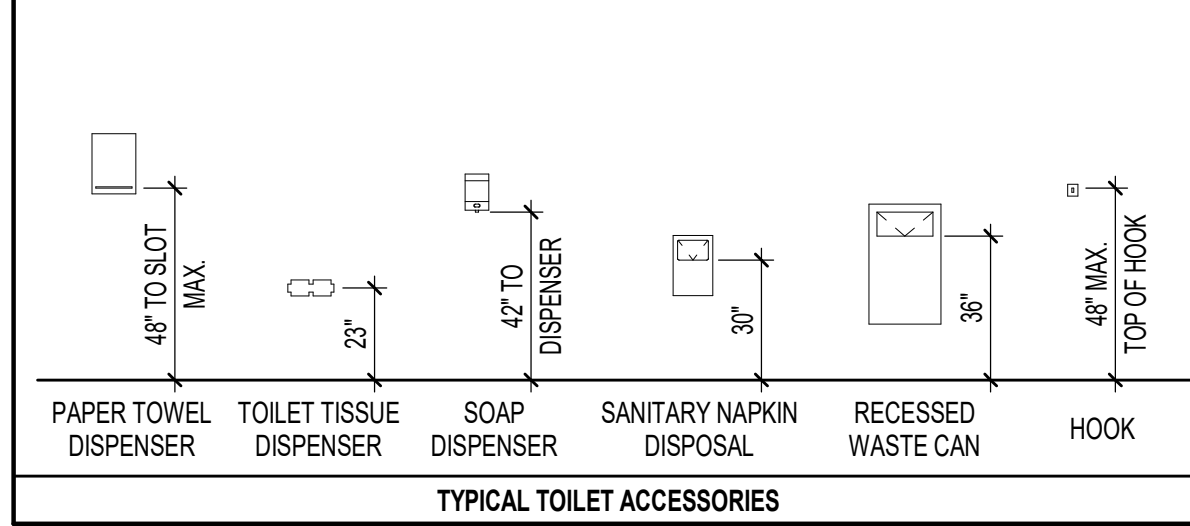
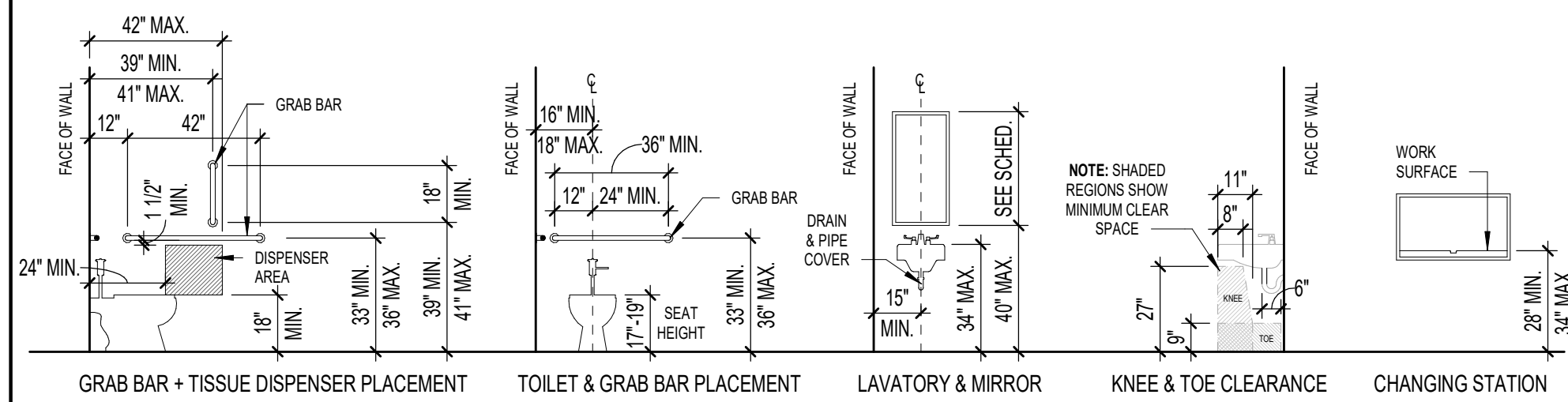
**GENERAL NOTE:** Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date
1	AJU Response v1	1/5/2025

Date	Project No.
11/24/25	<b>25003</b>
Drawn By	Sheet No.
JK	<b>G0.2</b>
Checked By	Sheet Title
DG	<b>BUILDING CODE SUMMARY</b>



### HC ACCESSORIES LEGEND

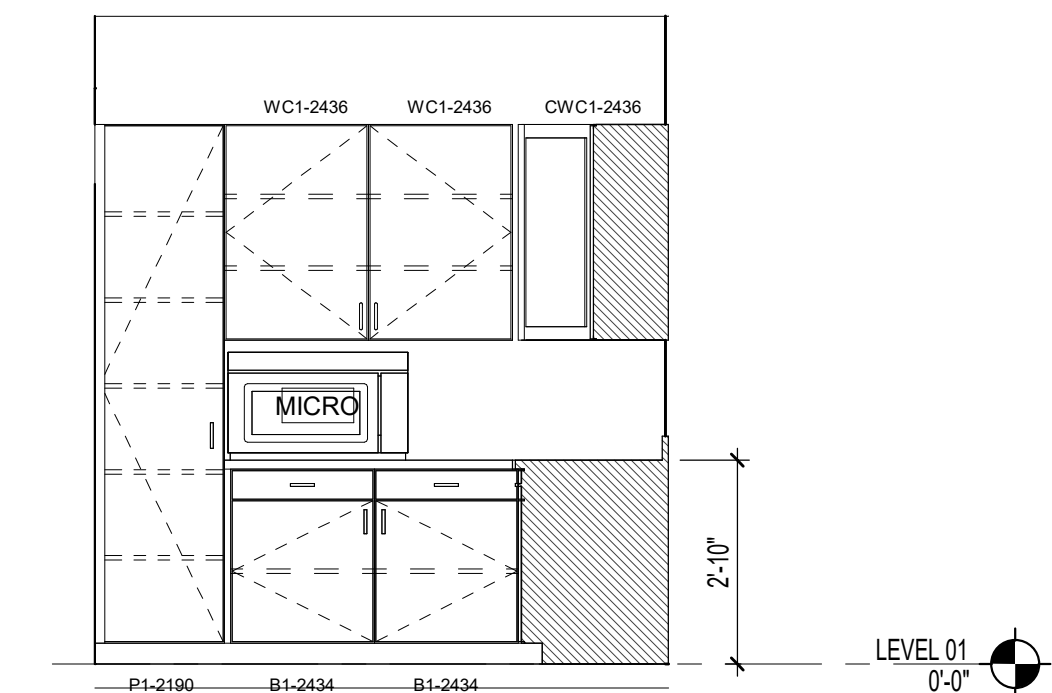


- NOTES**
- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY. SEE PLAN FOR ACTUAL LAYOUT AND SEE SCHEDULE & SPECS FOR FIXTURE INFORMATION.
  - PROVIDE ALL NECESSARY BLOCKING AND ANCHORS AS REQUIRED FOR PROPER INSTALLATION AND OPERATION OF ALL TOILET FIXTURES AND RELATED ACCESSORIES.
  - SEE PLUMBING SCHEDULE AND DETAILS FOR ALL FIXTURES AND MOUNTING HEIGHTS.
  - SEE FLOOR PLAN AND FINISH SCHEDULE FOR WALL FINISHES. COORDINATE INSTALLATION OF ALL ITEMS WITH SPECIFIC WALL TYPES AND FINISHES.
  - ALL TOILET ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS IN COMPLIANCE WITH ALL APPLICABLE CODES.
  - WHERE INDICATED AND AS REQUIRED, TOILET ACCESSORY INSTALLATION SHALL COMPLY WITH NC ACCESSIBILITY CODE.

### TOILET ACCESSORIES SCHEDULE

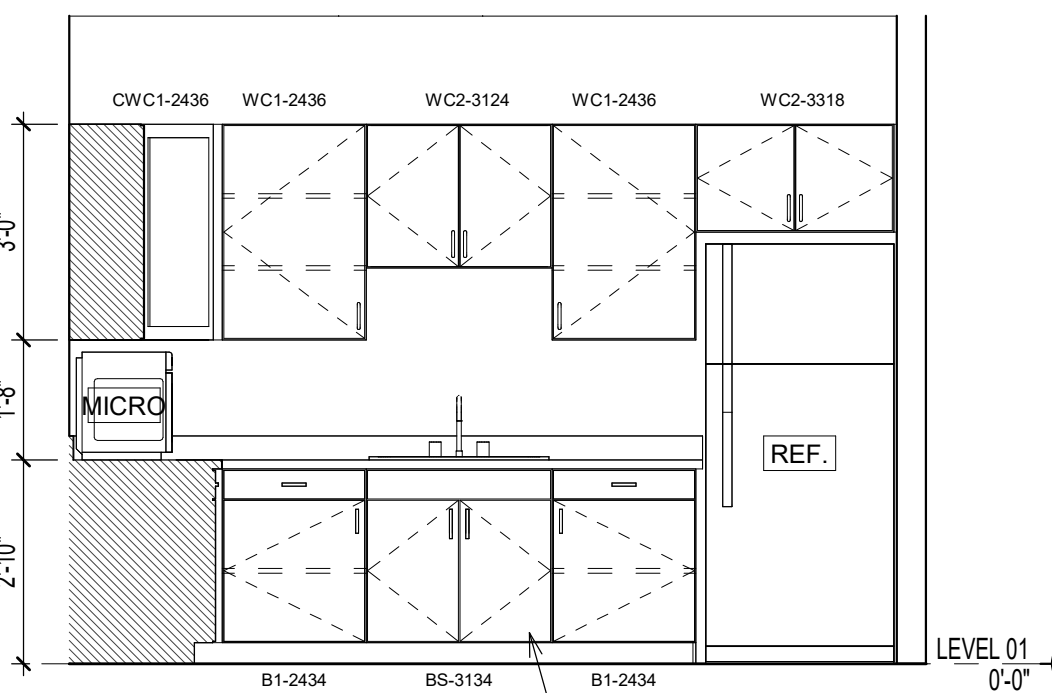
TAG	DESCRIPTION	MANUF.	MODEL NO.	MOUNTING HEIGHT
T1	PAPER TOWEL DISPENSER	A.S.I.	20210	48" TO SLOT
T2	SURFACE MOUNTED SOAP DISPENSER	A.S.I.	9343	50 7/8" TO TOP
T3	STAINLESS STEEL FRAMED MIRROR	A.S.I.	20650	40" TO BOTTOM
T4	SINGLE ROLL TISSUE DISPENSER	A.S.I.	7305-S-R009	27" C.L.
T5	BABY CHANGING STATION	A.S.I.	9014	28" - 34" TO BOT.
GB36	1 1/2" DIA. X 36" S.S. GRAB BAR - PEENED	A.S.I.	3800-36P	34" C.L.
GB42	1 1/2" DIA. X 42" S.S. GRAB BAR - PEENED	A.S.I.	3800-42P	34" C.L.
GB18	1 1/2" DIA. X 18" S.S. (VERTICAL) GRAB BAR - PEENED	A.S.I.	3800-18P	39" TO BOTTOM

- ALL TOILET ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS IN COMPLIANCE WITH ALL APPLICABLE CODES.
- WHERE INDICATED AND AS REQUIRED, TOILET ACCESSORY INSTALLATION SHALL COMPLY WITH NC ACCESSIBILITY CODE.
- FURNISH AND INSTALL ALL NECESSARY FRAMING AND BLOCKING AS REQUIRED FOR PROPER INSTALLATION AND OPERATION OF ALL ACCESSORIES.
- MANUFACTURER AND MODEL NUMBERS INDICATED REPRESENT BASIS OF DESIGN. APPROVED EQUALS WILL BE ACCEPTED.



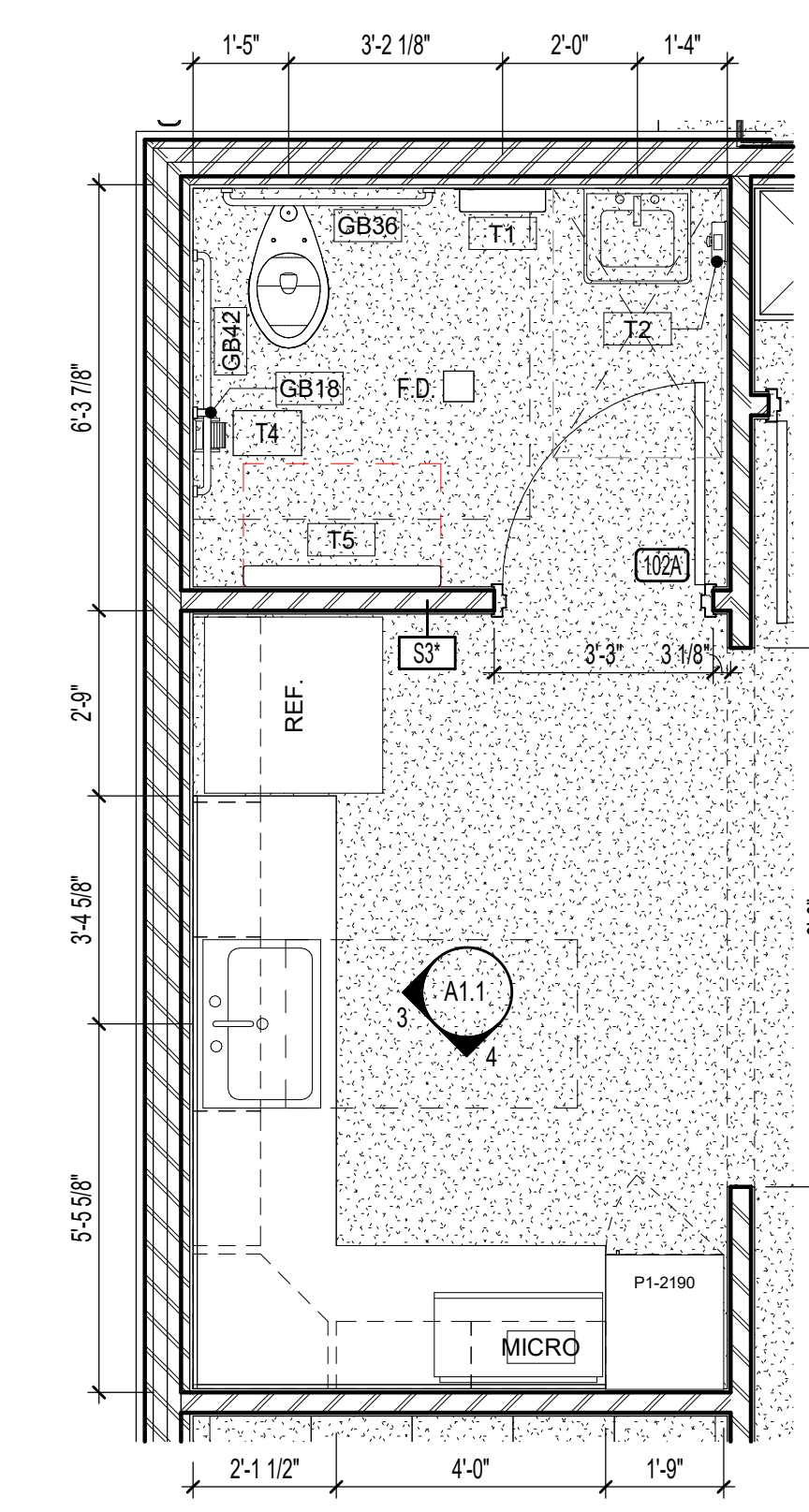
4 Elevation 1 - d

A1.1 3/8" = 1'-0"



3 Elevation 1 - a

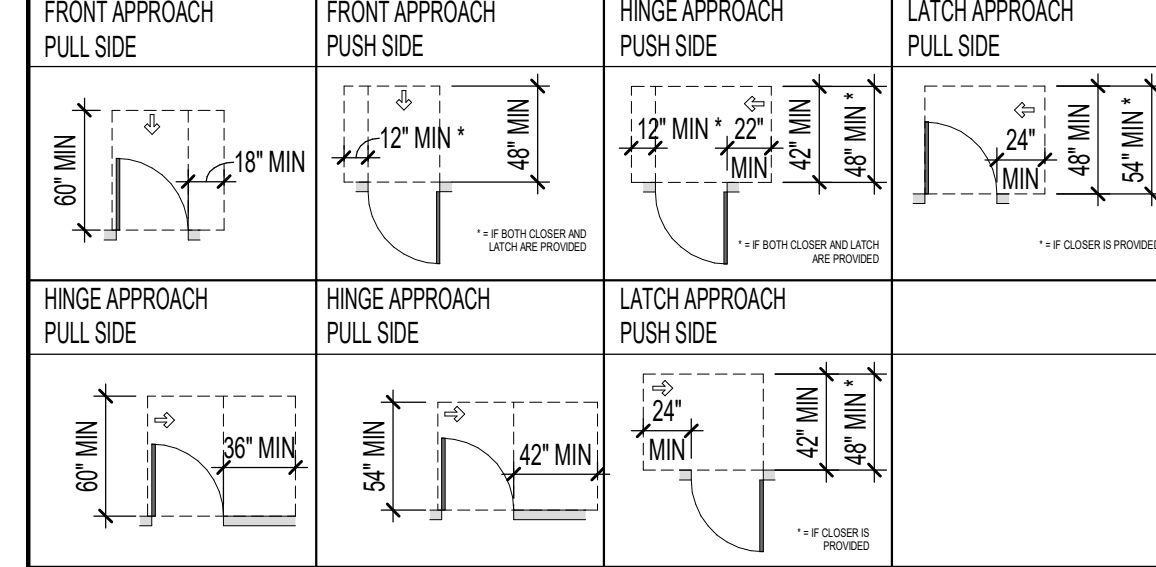
A1.1 3/8" = 1'-0"



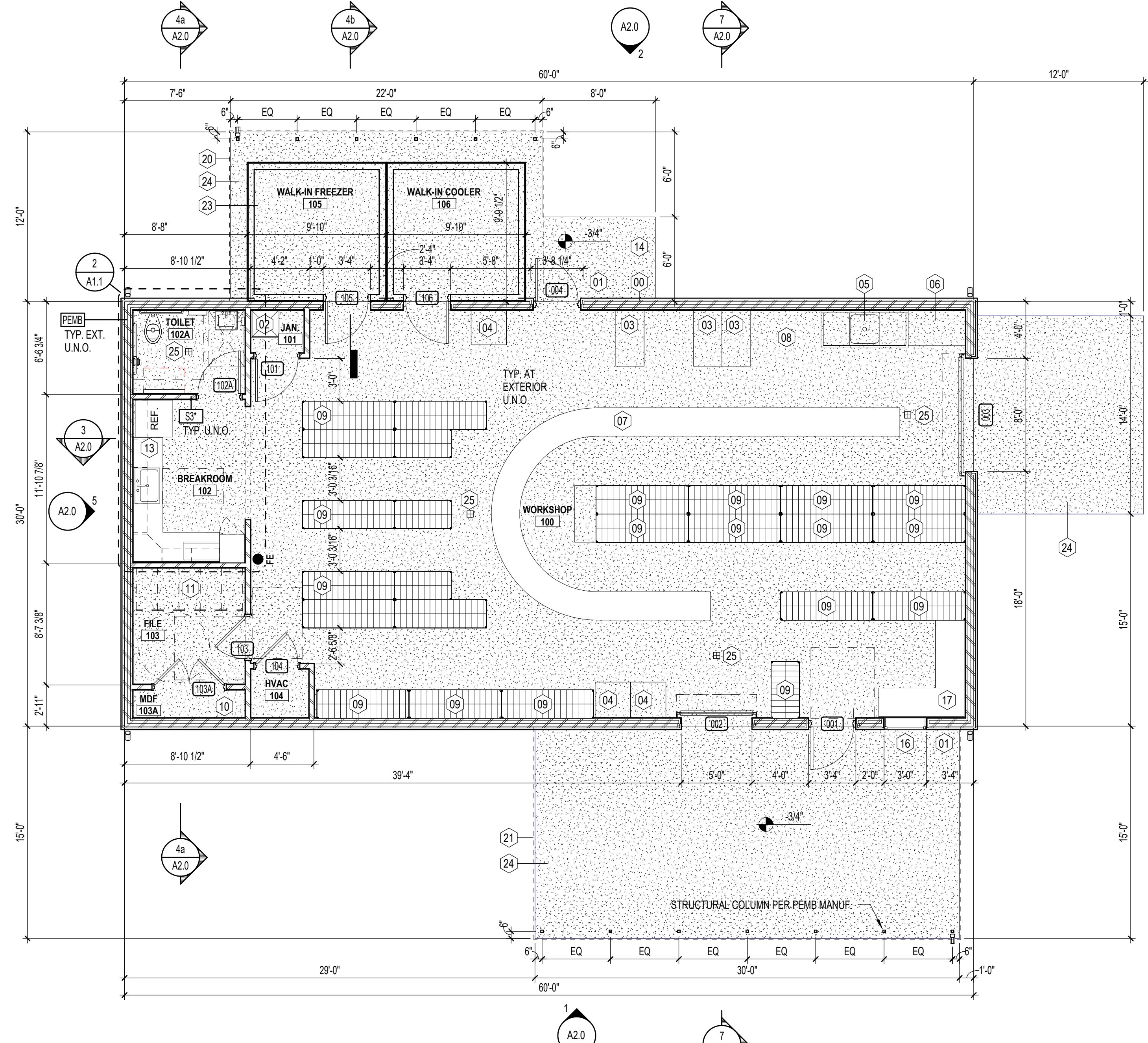
2 ENLARGED PLAN

A1.1 3/8" = 1'-0"

### DOOR CLEARANCE LEGEND



ROOM NO	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILING	SIGNAGE	NOTES
				NORTH	EAST	SOUTH	WEST			
100	WORKSHOP	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
101	JAN.	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
102	BREAKROOM	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
102A	TOILET	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
103	FILE	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
103A	MDF	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
104	HVAC	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
105	WALK-IN FREEZER	SCC								PROPRIETARY FINISHES PER MANUF.
106	WALK-IN COOLER	SCC								PROPRIETARY FINISHES PER MANUF.
X1	DRIVE/THRU			PNT-1X	PNT-1X	PNT-1X	PNT-1X			



1 FLOOR PLAN (OVERALL)

A1.1 3/16" = 1'-0"

### CASEWORK LEGEND

\*CASEWORK HEIGHT PER INTERIOR ELEVATION.

- TYPE DESCRIPTION**
- B1 BASE ONE DOOR (SWING)
  - B2 BASE TWO DOOR (SWING BOTTOM, PULL TOP)
  - B3 BASE SINK
  - BHC BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH
  - W1 WALL ONE DOOR (SWING)
  - W2 WALL TWO DOOR (SWING)
  - P1 PANTRY ONE COLUMN OF DOORS (SWING)
  - P2 PANTRY TWO COLUMN OF DOORS (SWING)

### CABINERY NOTES

- ALL CASEWORK IS 2'-0" DEEP UNLESS OTHERWISE NOTED.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE STANDARD "WIRE" DOOR AND DRAWER PULLS. TYPICAL.
- PROVIDE CONCEALED HINGES FOR ALL DOORS. TYPICAL.
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS.
- PROVIDE 3/4" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED. TYPICAL. PRE DRILL HOLES AT 1/4" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS.
- PROVIDE 3/4" THICK DRAWER AND DOOR FACES. TYPICAL.
- FIELD VERIFY ALL DIMENSIONS, SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINERY.
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINERY AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION. TYPICAL.
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINERY. COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER.
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS.
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE.
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS. UNO.
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS, UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES.
- PROVIDE 5 ADJUSTABLE SHELVES IN PANTRY CABINETS. UNO.
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER.
- PROVIDE LOCKS ON CASEWORK WHERE NOTED IN ELEVATIONS.

### GENERAL NOTES

- DIMENSIONS ARE FROM:
  - A. EXTERIOR WALLS TO FACE OF CMU
  - B. EXTERIOR WALLS TO FACE OF STUD.
  - C. CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER. UNO.
  - D. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
  - E. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.
  - F. "4" DENOTES DIMENSION FROM FINISH.
  - G. "FF" DENOTES DIMENSION FROM FINISH TO FINISH.
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

### PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS. TYPICAL.
- ALL DRYWALL SHALL BE 5/8 IN. AND SHALL EXTEND 6 IN. MINIMUM ABOVE FINISH CEILING (U.N.O.).
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.

### FOUNDATION NOTES

- CLEAR ALL TOP SOIL, ROOTMATS, VEGETATION, DEBRIS, AND OTHER UNSUITABLE MATERIAL FROM CONSTRUCTION AREAS.
- ALL FOOTINGS SHALL BE INSPECTED AND APPROVED BY GOVERNING AGENCY PRIOR TO PLACING CONCRETE.
- PROVIDE A MINIMUM OF 4" #57 STONE FILL BELOW ALL SLABS ON GRADE. TYPICAL.
- PROVIDE REINFORCED JOISTTOP 1" VAPOR RETARDER BELOW ALL SLABS ON GRADE - 10 MIL MINIMUM. TYPICAL.
- SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS.
- SEE PLUMBING PLANS FOR LOCATIONS OF PIPING RUNS.
- TREAT SOIL UNDER SLAB WITH PROPER TERMITIC PROTECTION.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED. REFER TO SITE PLAN, BY OTHERS, FOR LOCATIONS OF SIDEWALKS, CURBS, ACCESSIBLE RAMPS AND ALL OTHER SITE RELATED WORK.

### FRAMING NOTES - METAL STUD

- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK.
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS, CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER.
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL.
- ALL INTERIOR WALLS SHALL BE 3 5/8" 14 GAUGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS.
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 10D NAILS AT 12" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS.
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END.
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE.

### FINISH PLAN NOTES

- SEE INTERIOR ELEVATIONS FOR FULL EXTENT OF WALL FINISHES AS KEYED IN PLANS.
- VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
- TS - FURNISH AND INSTALL TRANSITION STRIP AT ALL FLOOR MATERIAL CHANGES AS SHOWN OR AS REQUIRED.
- HEIGHT AND PROFILE OF ALL TRANSITIONS STRIPS SHALL COMPLY WITH HANDICAP CODE.
- COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH NEW CONDITIONS. WHERE POSSIBLE, LOCATE TRANSITION STRIPS UNDER DOOR SLABS.
- COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

### FINISH PLANS LEGEND

#### SYMBOL LEGEND

S3" WALL TAG. SEE LEGEND (SHEET #####)

#### FINISH ABBREVIATIONS

- \*COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE
- |                               |                        |
|-------------------------------|------------------------|
| CEILING FINISHES:             | WALL BASE FINISHES:    |
| ACT - ACoustical CEILING TILE | WBR - RUBBER WALL BASE |
| WALL FINISHES:                | FLOOR FINISHES:        |
| PNT- PAINT                    | SCC - SEALED CONCRETE  |
| PNT-X PAINT; EPOXY TYPE       |                        |
| WT WALL TILE                  |                        |

#### PLAN KEYNOTES

#	KEYNOTE
00	PRE-ENGINEERED METAL BUILDING SHELL; 2-1/4" TUBE STEEL AND METAL SIDING/ROOFING SHELL.
01	HOSE BIBB, COORDINATE W/ PLUMBING.
02	MOP SINK, COORDINATE W/ PLUMBING.
03	FREEZER CHEST TYPE 1; O.S.C.I.
04	FREEZER CHEST TYPE 2; O.S.C.I.
05	12"x12" SINK W/ OVERHEAD SPRAYER.
06	36"x24" FLATBED WEIGHT SCALE
07	EXPANDABLE CONVEYER ROLLER TABLE SYSTEM; O.S.C.I.
08	CLEAR FLOORSPACE FOR CARDBOARD BOX STORAGE DEMARKED ON FLOORING WITH TAPE.
09	STORAGE SHELVING; O.S.C.I.
10	400A SERVICE PANEL
11	FILE CABINETS; O.S.C.I.
12	KITCHEN EQUIPMENT IN BREAK ROOM TO INCLUDE: 32" REFRIGERATOR, MICROWAVE, SINK.
13	MECHANICAL UNIT
14	OPERABLE EXTERIOR WINDOW; 36" WIDE X 48" TALL
15	BUILT IN DESK
16	CANOPY ABOVE W/ POSTS.
17	CANOPY ABOVE W/ POSTS. MIN. CLEAR HEIGHT OF 120" A.F.F.
18	PRE-ENGINEERED WALK-IN COOLER/FREEZER; O.S.C.I.
19	SLAB ON GRADE; COORDINATE W/ STRUCTURAL.
20	FLOOR DRAIN



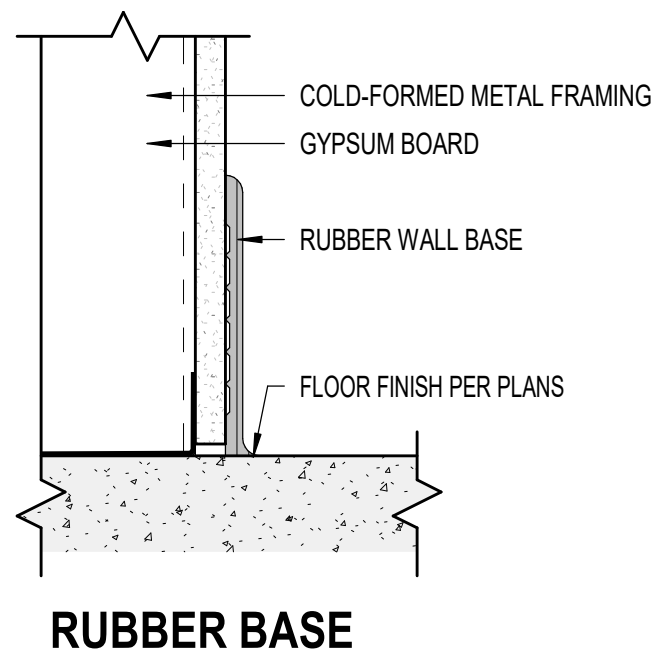
NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
 5N2 FOOD PANTRY  
 17247 NC 27 W SANFORD, NC 27332



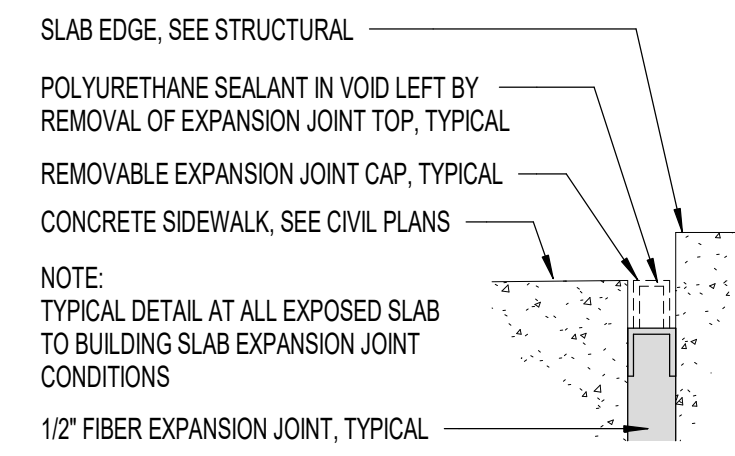
GENERAL NOTE: Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A1.1
Checked By	Sheet Title
DG	FLOOR PLAN - LEVEL 1 OVERALL

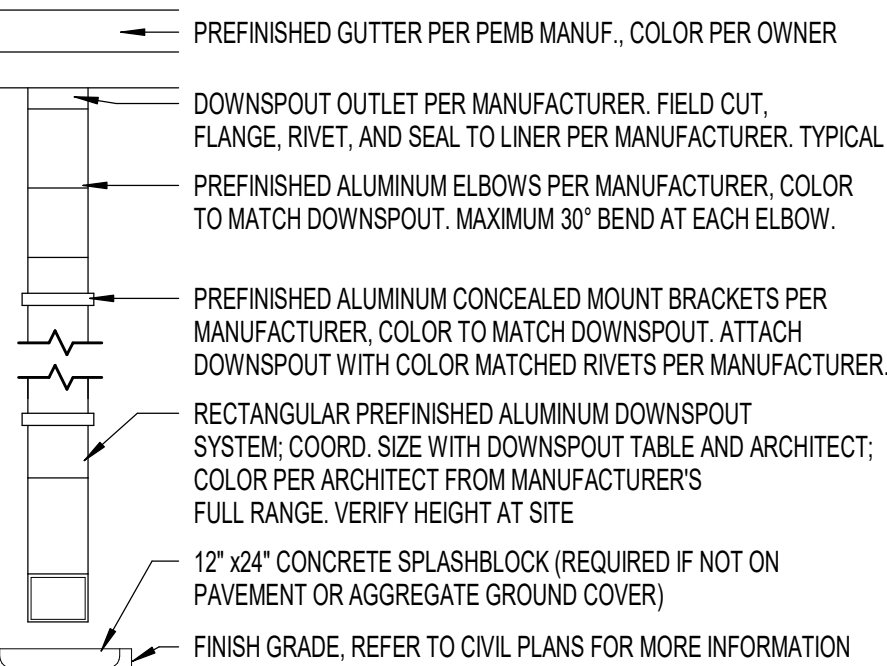
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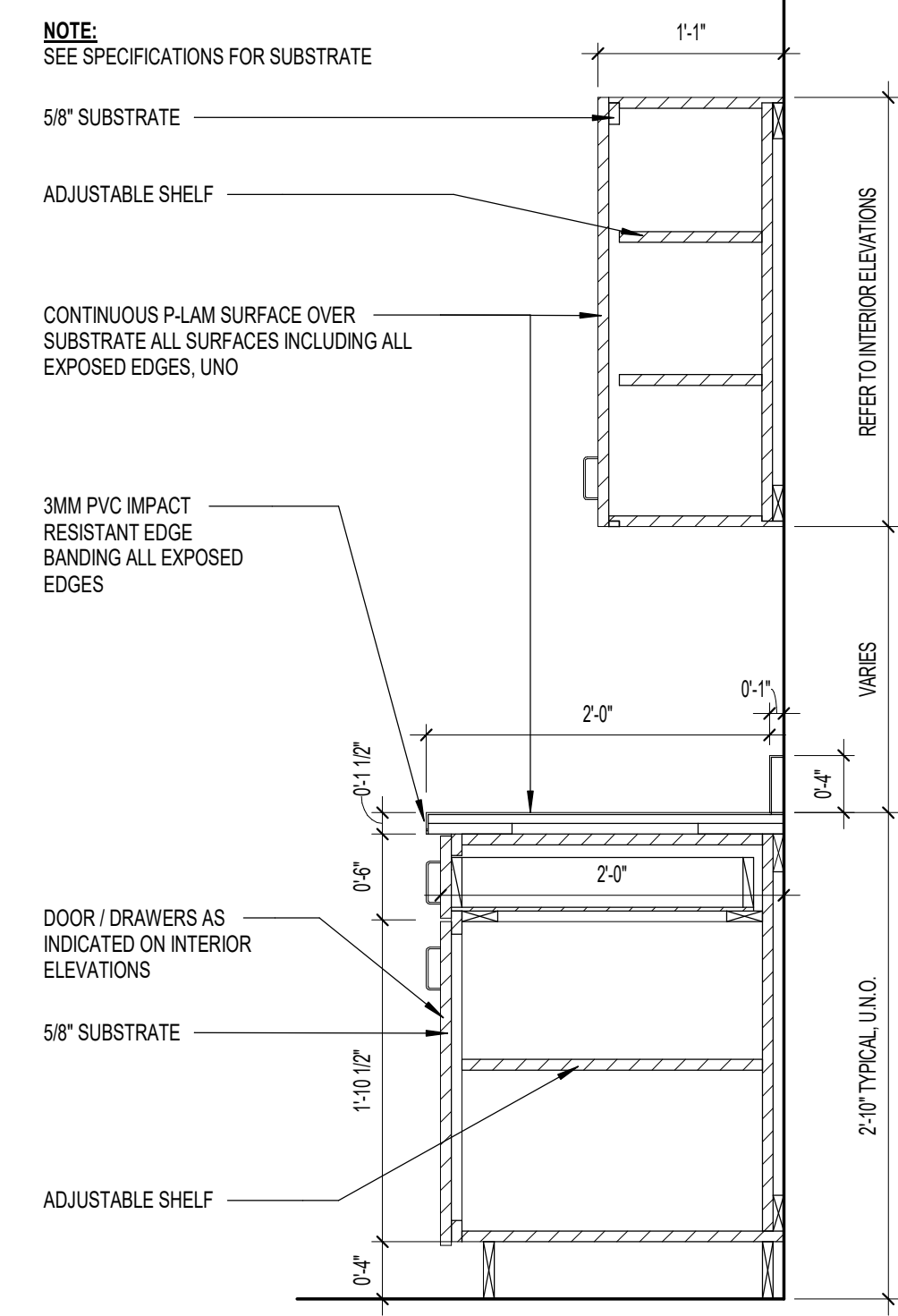
**11 WALL BASE**  
A1.2 3" = 1'-0"



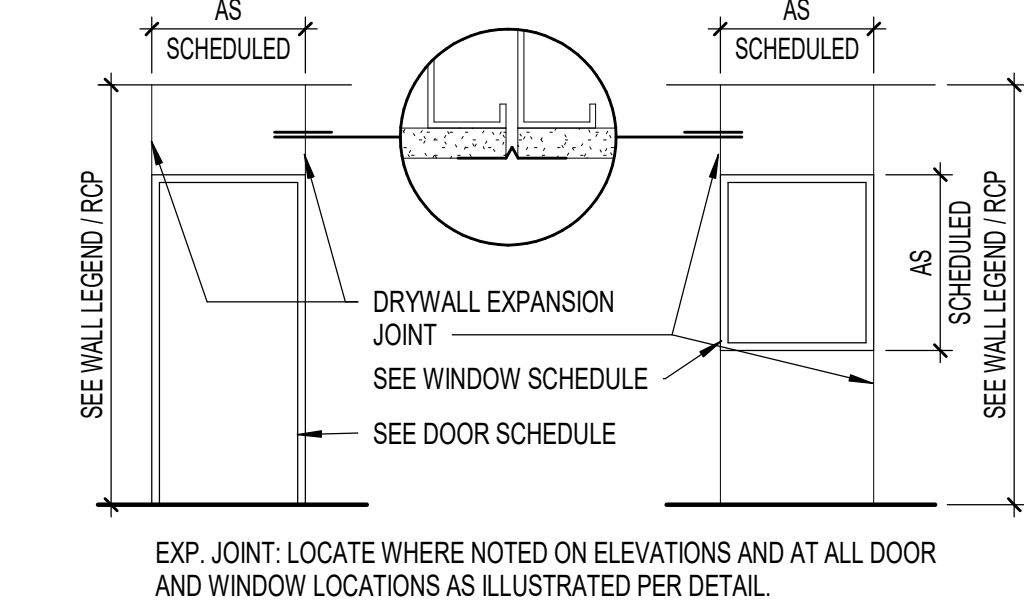
**9 CJ AT SIDEWALK**  
A1.2 6" = 1'-0"



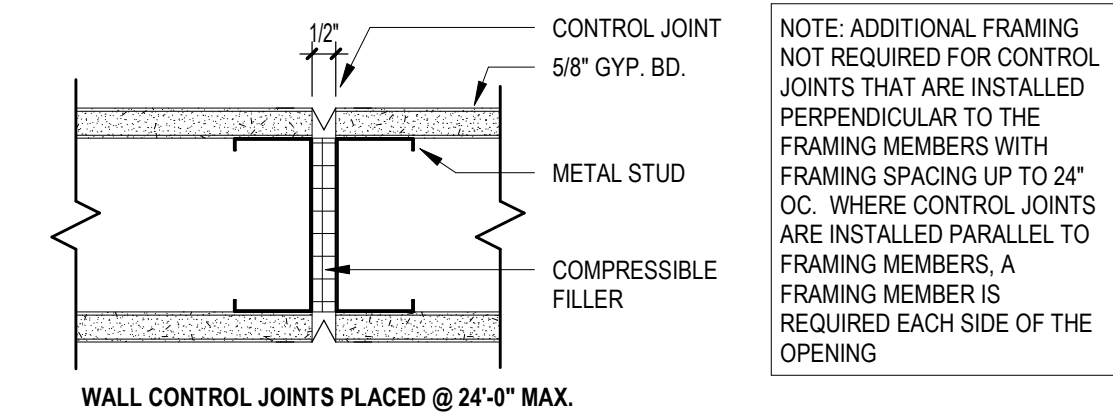
**6 DOWNSPOUT**  
A1.2 3/4" = 1'-0"



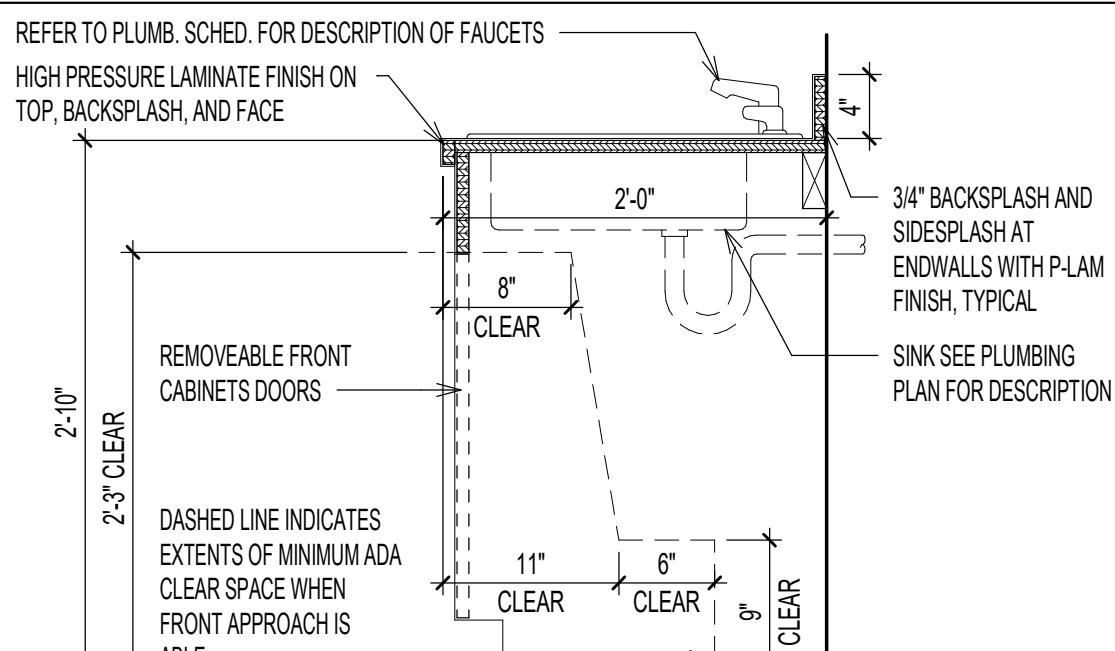
**10 CASEWORK SECTION, U.O.N.**  
A1.2 1" = 1'-0"



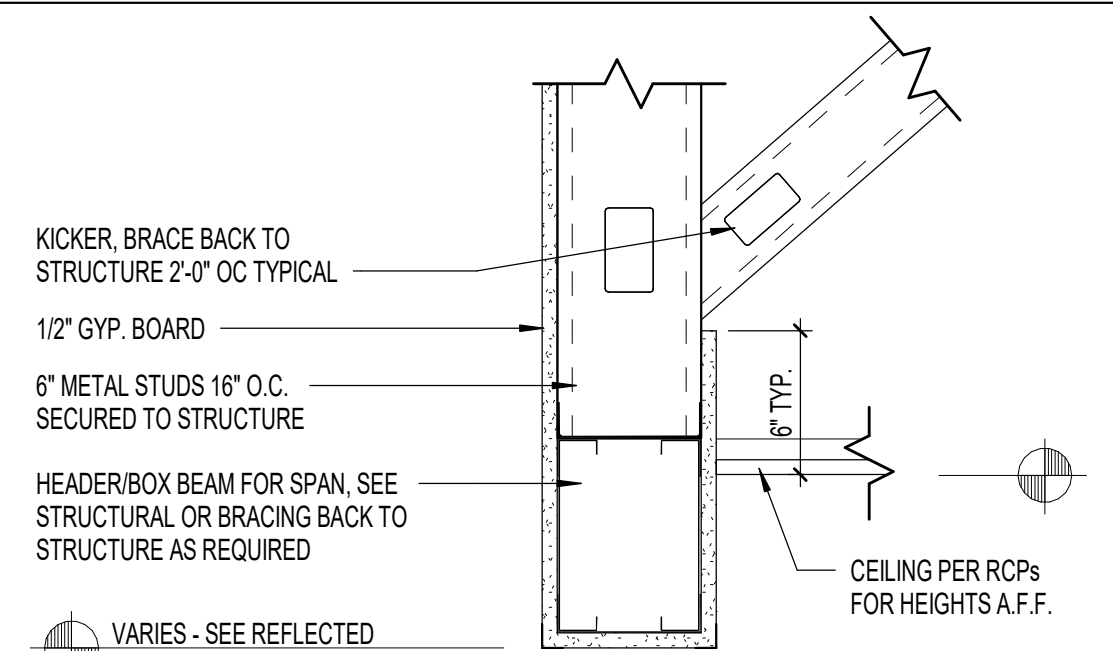
**8 EXPANSION JT DETAIL**  
A1.2 3" = 1'-0"



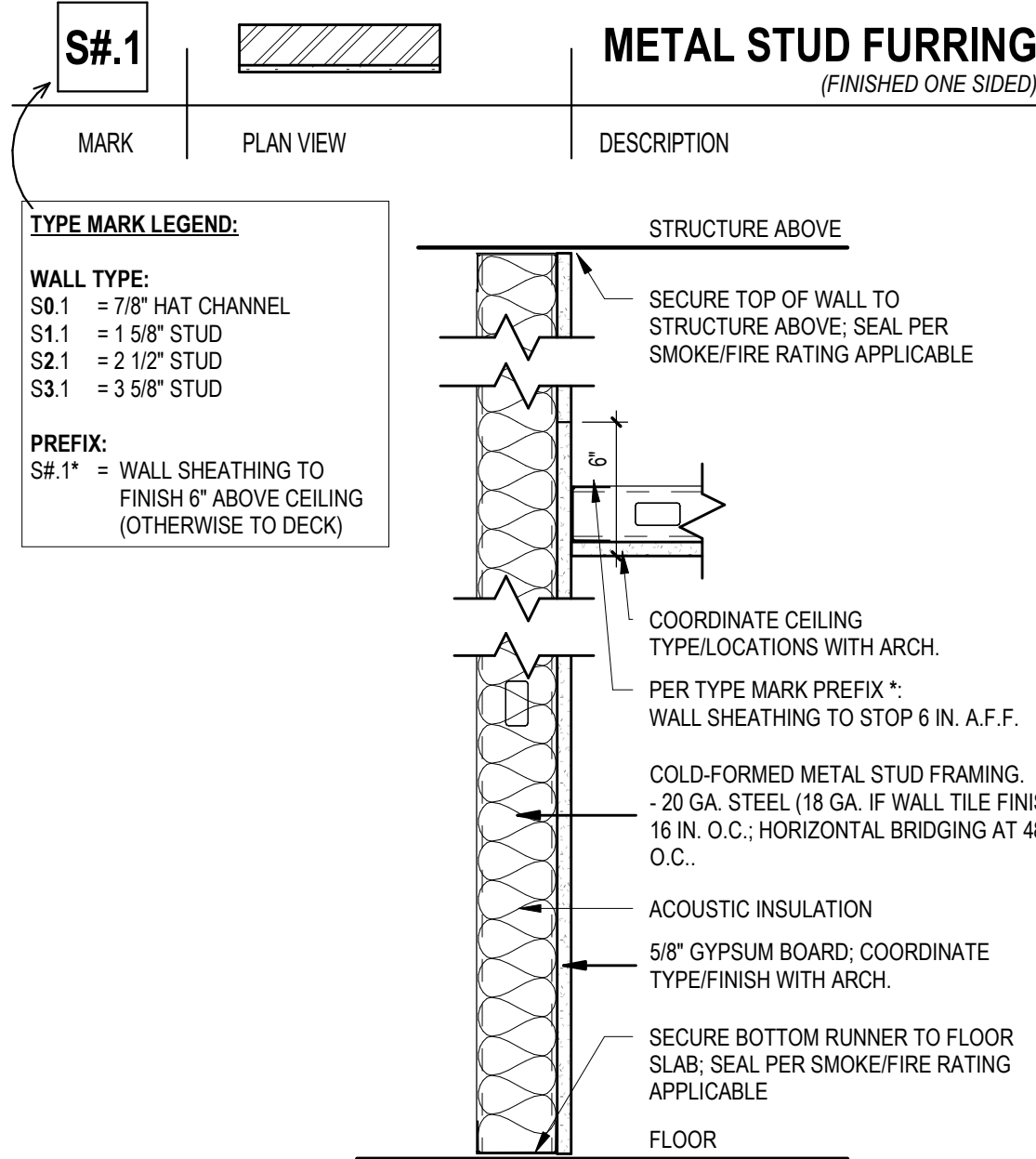
**5 GYPSUM CONTROL JOINTS**  
A1.2 3" = 1'-0"



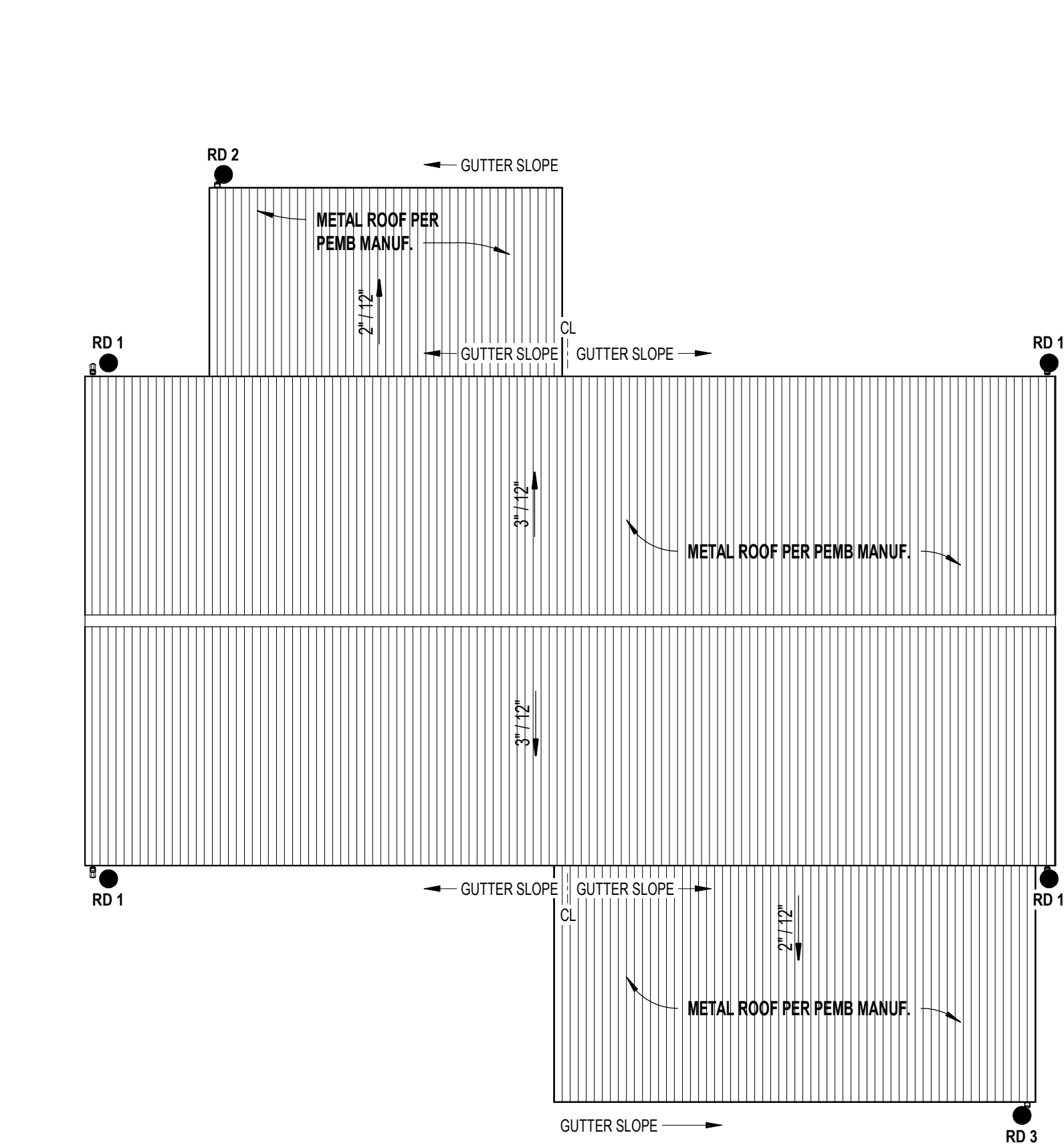
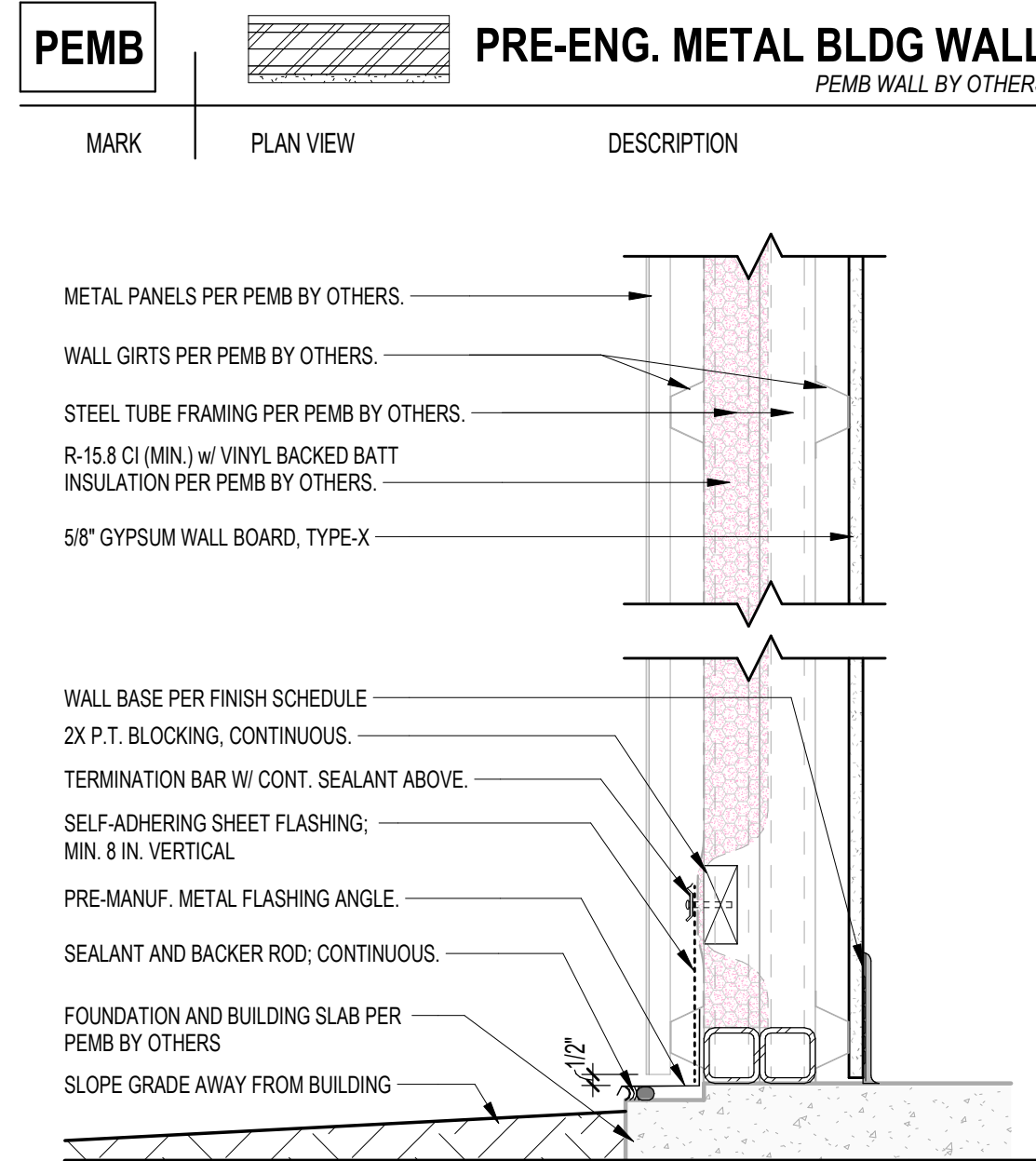
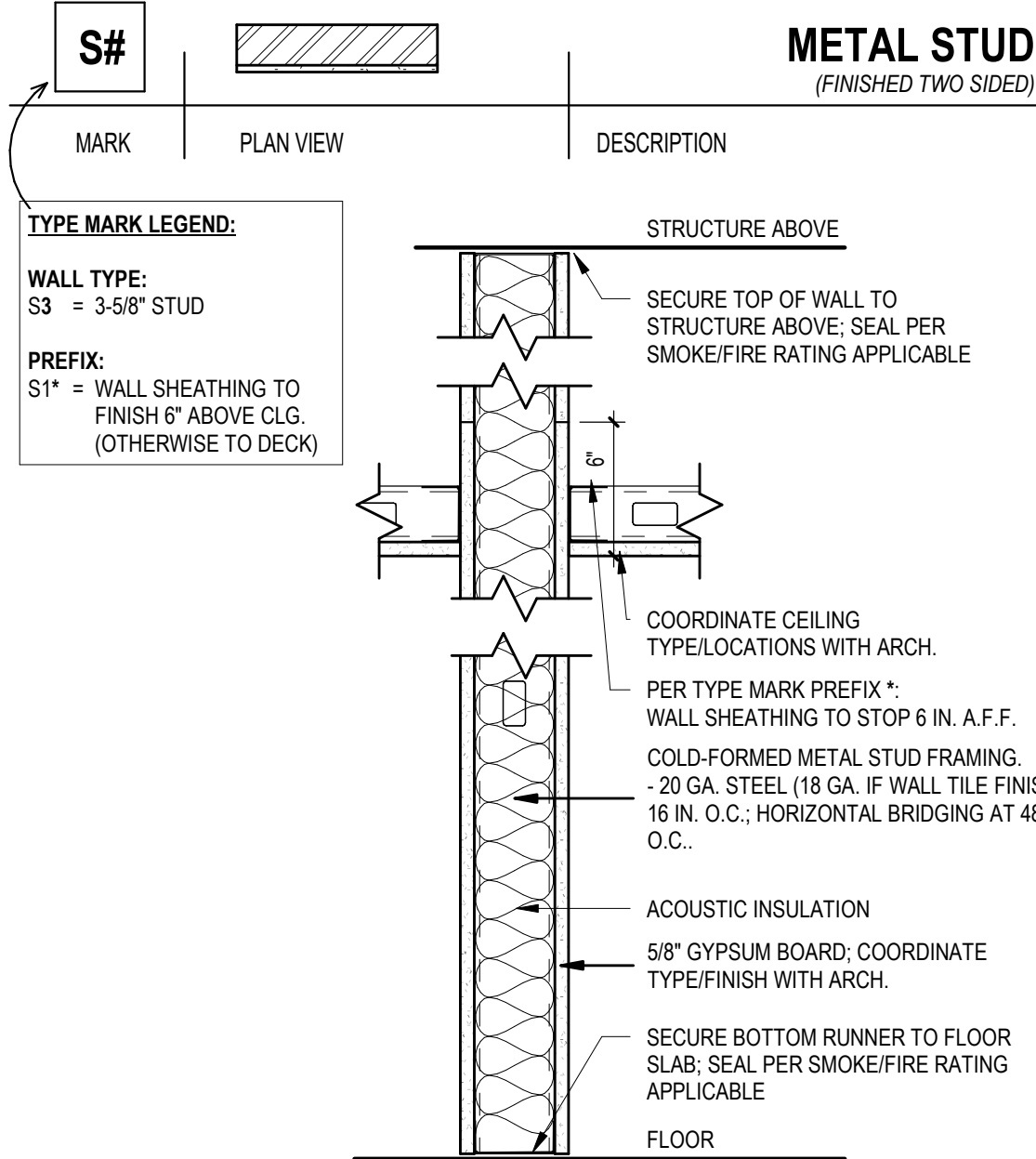
**7 ADA SINK CABINETRY P-LAM**  
A1.2 1" = 1'-0"



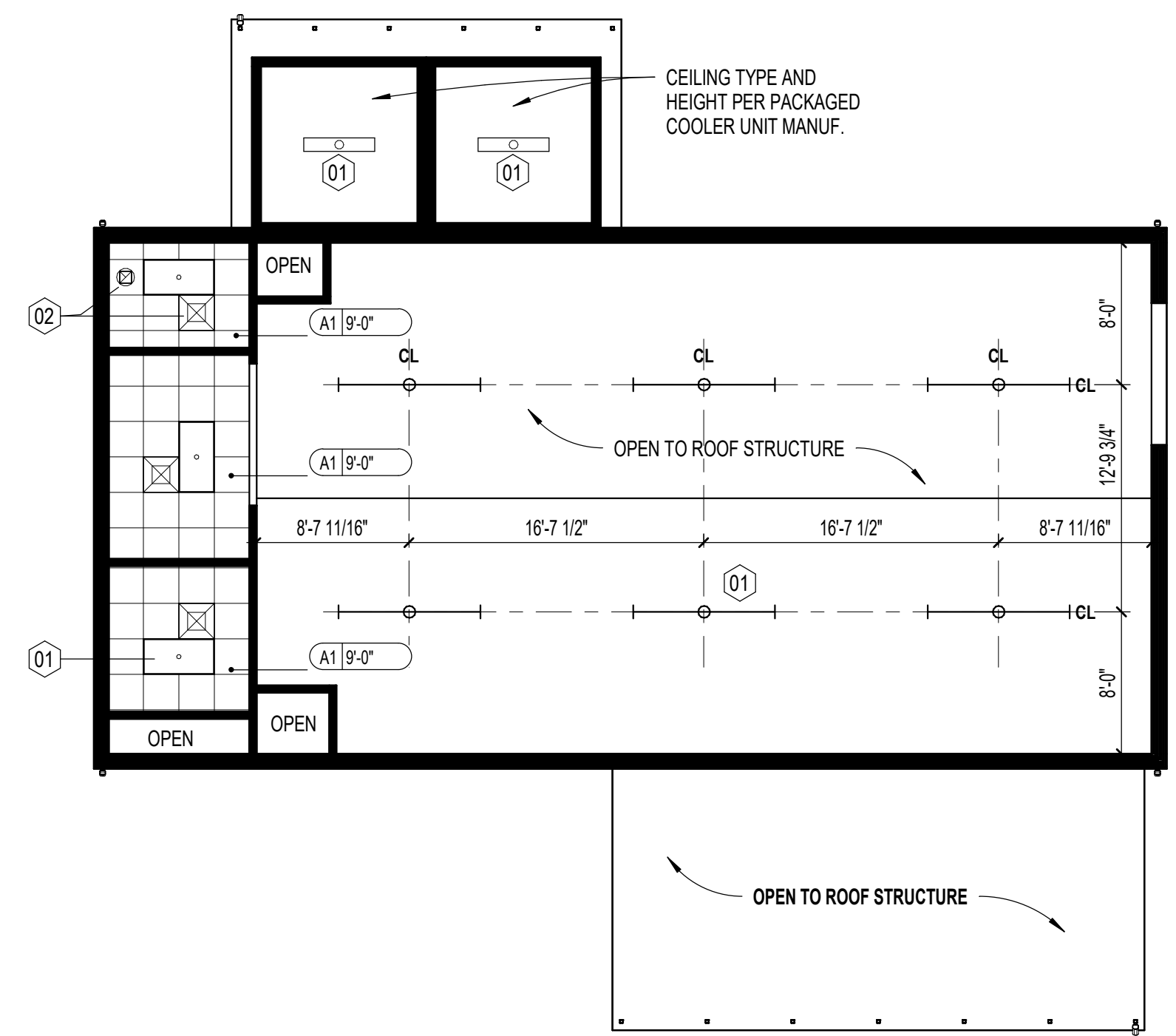
**4 TYP INT. HEADER DETAIL**  
A1.2 1 1/2" = 1'-0"



**3 WALL LEGENDS**  
A1.2 1 1/2" = 1'-0"



**2 ROOF PLAN**  
A1.2 1/8" = 1'-0"



**1 REFLECTED CEILING PLAN**  
A1.2 1/8" = 1'-0"

**GENERAL NOTES**

- DIMENSIONS ARE FROM:
  - EXTERIOR WALLS TO FACE OF CMU
  - INTERIOR WALLS TO FACE OF STUD
  - CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
  - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
  - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE
  - "F" DENOTES DIMENSION FROM FINISH
  - "FF" DENOTES DIMENSION FROM FINISH TO FINISH
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

**ROOF NOTES**

- GUTTER AND DOWNSPOUTS SHALL BE FURNISHED AND INSTALLED BY ROOFING CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS REQUIRED AND MAKE ALL NECESSARY PROVISIONS FOR SAME.
- GUTTERS, DOWNSPOUTS AND COMPONENTS SHALL BE PREFINISHED ALUMINUM, COLOR PER OWNER.
- ALL ROOF MOUNTED ITEMS SHALL BE PAINTED, CLEAN PREPARE AND PRIME SURFACES AS REQUIRED - COLOR PER OWNER.
- FURNISH AND INSTALL 36" WIDE X LENGTH REQUIRED SELF ADHERED ICE AND WATER SHIELD ROOFING UNDERLAYMENT AT ALL EDGES, RIDGES, HIPS, AND VALLEYS.

**ROOF LEGEND**

- INDICATES DIRECTION OF ROOF SLOPE ACHIEVED THRU STRUCTURE AND TAPERED INSULATION
- EXTERIOR OPEN GUTTER LEADER, REFER TO ROOF DRAIN CALCULATIONS FOR SIZING.

**ROOF DRAIN CALCULATIONS**

RAINFALL RATE (PRIMARY/SECONDARY) = 3.5 / 7.2

MARK	SQ.FT.	VERTICAL LEADER	GUTTER @ (SLOPE)
RD1	460 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.
RD2	260 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.
RD3	444 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.

**RCP GENERAL NOTES**

- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL.
- ALL DRYWALL SHALL BE 5/8" IN. AND SHALL EXTEND 4 IN. MINIMUM ABOVE FINISH CEILING (U.N.O.)
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
- SEE MECHANICAL, ELECTRICAL, AND FIRE PROTECTION PLANS FOR FULL DESCRIPTION OF CEILING MOUNTED ITEMS/DEVICES.
- ALL EXPOSED MECH. EQUIPMENT TO BE PAINTED WITH FINISH PNT-01, UNO.
- ALL GRIDS ARE CENTERED IN A ROOM UNLESS NOTED OTHERWISE.
- ALL NEW LIGHT FIXTURES, EXIT SIGNS, SPRINKLER HEADS AND TERMINAL DEVICES TO BE CENTERED IN CEILING PANELS, UNLESS OTHERWISE INDICATED.
- SEE PME DRAWINGS FOR PME DEVICE LOCATIONS AND QUANTITIES. COORDINATE LOCATION OF ALL PME DEVICES WITH ARCHITECTURAL DRAWINGS.
- COORDINATE ALL GYPSUM CEILING BOARD CONTROL JOINTS WITH ARCHITECT.

**RCP LEGEND**

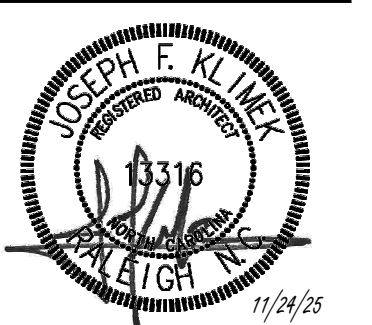
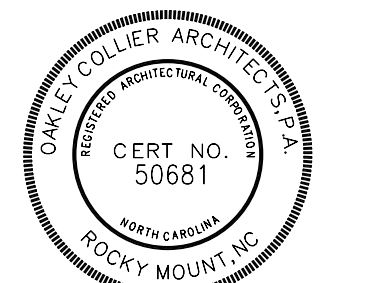
- CEILING TYPES**
- A1 2x2 ACOUSTICAL CEILING TILE (VINYL COATED) (4 WET)

**FIXTURE LEGEND**

- LAY-IN LIGHTING: 2x2, 2x4, 1x4
- 8" STRIP LIGHTING
- LAY-IN AIR DIFFUSAL
- LAY-IN AIR RETURN
- LAY-IN AIR EXHAUST
- 2X2 LAY-IN CEILING SYSTEM (VINYL COATED) TYP IN WET LOCATIONS

**RCP KEYNOTES**

- KEYNOTES**
- 01 LIGHTING PER ELECTRICAL, TYP.
  - 02 MECHANICAL EXHAUST AND DIFFUSAL PER MECH, TYP.



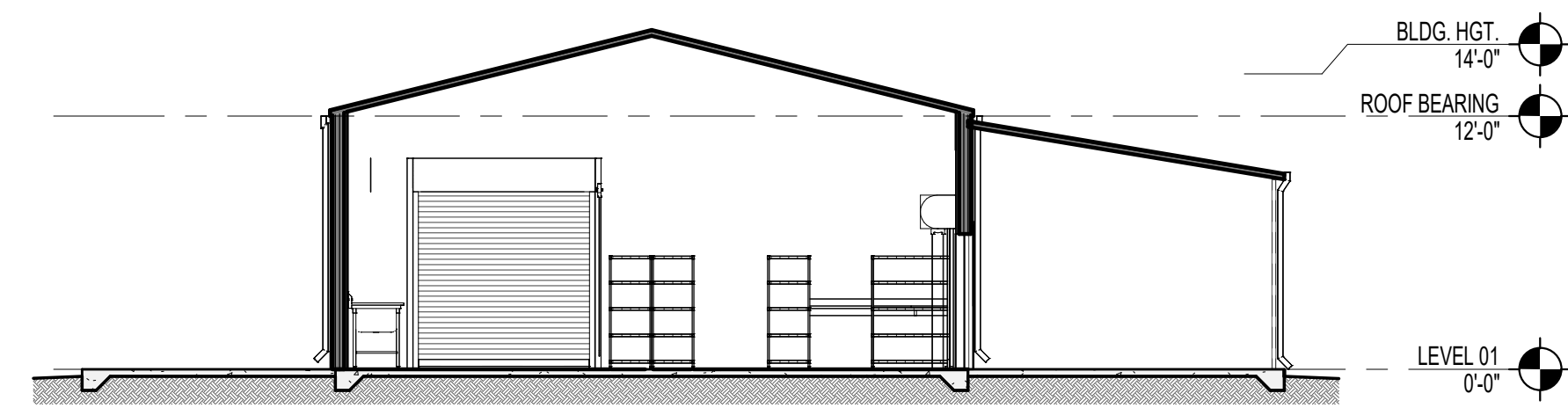
GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date

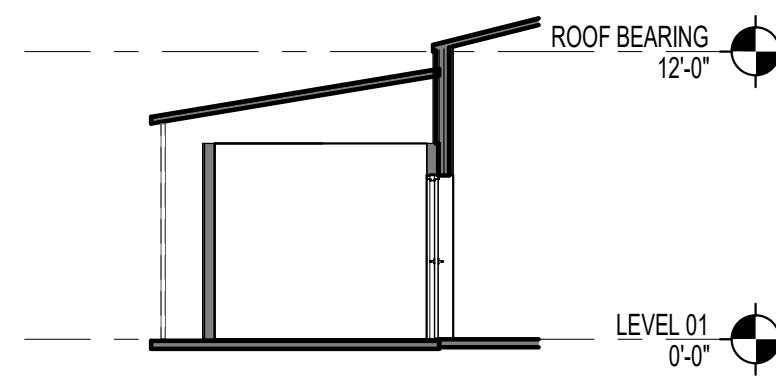
Date	Project No.
11/24/25	<b>25003</b>
Drawn By	Sheet No.
JK	<b>A1.2</b>
Checked By	
DG	
	Sheet Title
	REFLECTED CEILING / ROOF PLAN

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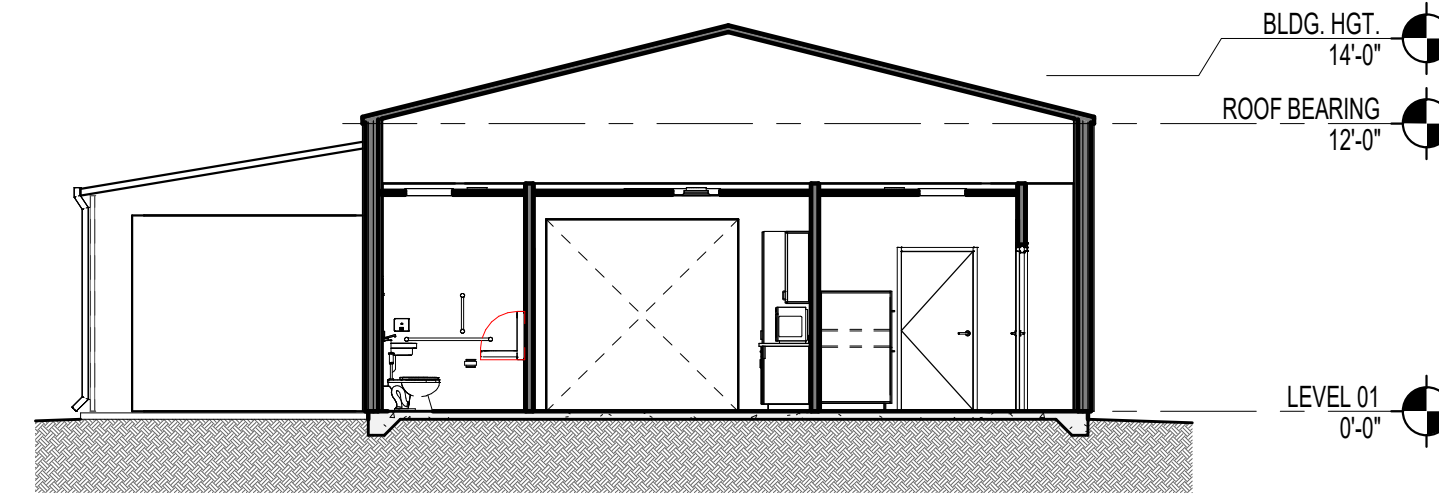
**7**  
SECTION B  
1/8" = 1'-0"



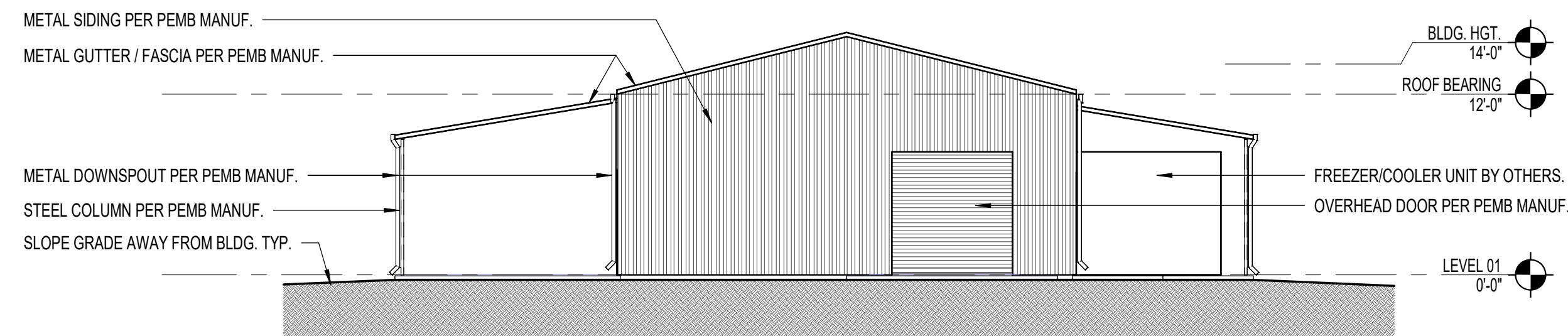
**4b**  
SECTION C2  
1/8" = 1'-0"



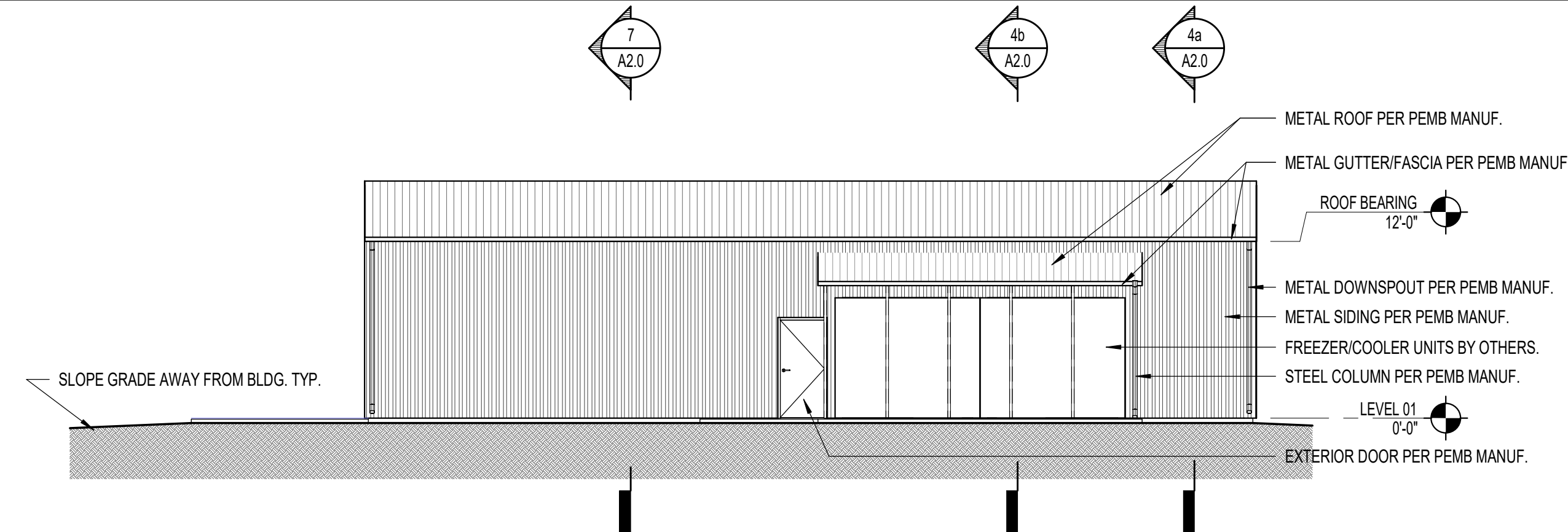
**4a**  
SECTION C  
1/8" = 1'-0"



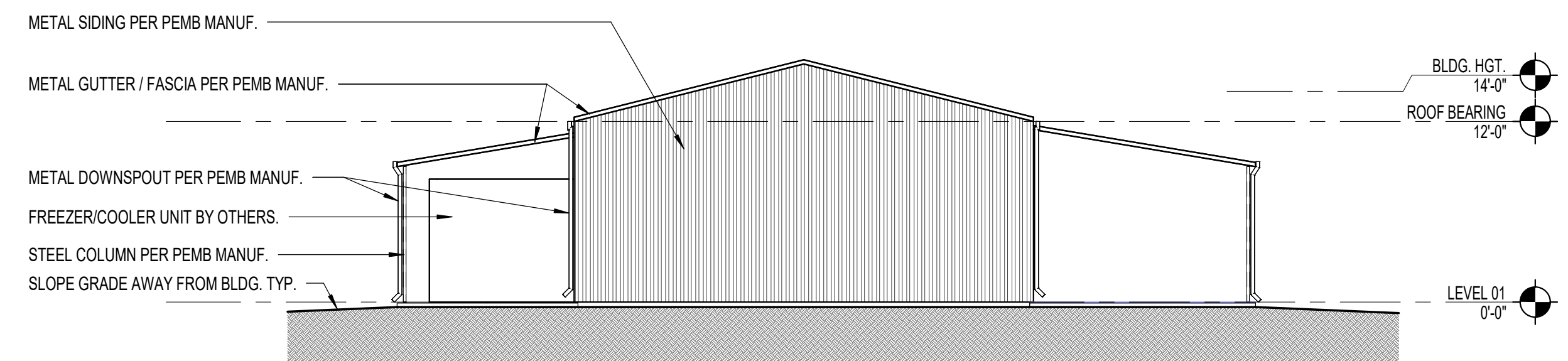
**6**  
RIGHT SIDE ELEVATION  
1/8" = 1'-0"



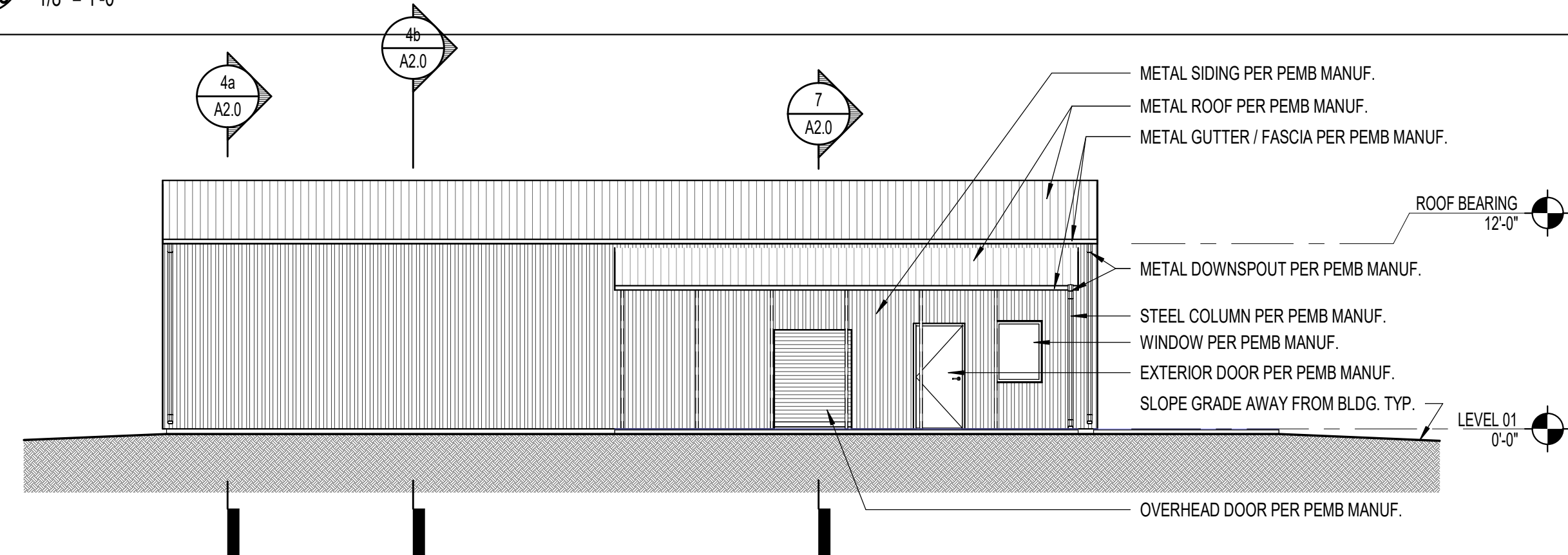
**2**  
REAR ELEVATION  
1/8" = 1'-0"



**5**  
LEFT SIDE ELEVATION  
1/8" = 1'-0"



**1**  
FRONT ELEVATION  
1/8" = 1'-0"



**GENERAL NOTES**

1. DIMENSIONS ARE FROM:
  - A. EXTERIOR WALLS TO FACE OF CMU
  - B. INTERIOR WALLS TO FACE OF STUD.
  - C. CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO.
  - D. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
  - E. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.
  - F. "CF" DENOTES DIMENSION FROM FINISH.
  - G. "FF" DENOTES DIMENSION FROM FINISH TO FINISH.
2. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
3. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
4. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
5. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
6. OBTAIN ALL PERMITS REQUIRED.
7. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

**EXT. ELEVATION NOTES**

1. ALL EXTERIOR SEALANT TO BE POLYURETHANE TYPE AND UV-RESISTANT, UNO. COLOR TO BE APPROVED BY ARCHITECT.
2. ALL FINISHES TO BE SELECTED BY OWNER FROM FULL RANGE OF MANUFACTURER'S COLOR AND FINISH OPTIONS.

**EXT. ELEVATION LEGEND**

- FINISH TYPE SYMBOL
- SPOT ELEVATION
- FINISH TYPE SYMBOL
- CENTERLINE

**EXTERIOR FINISHES**

\*SEE FINISH LEGEND FOR FINISH TYPES AND SPECIFICATIONS

**CLADDING:**  
MPP METAL WALL PANEL (CORRUGATE) - PER PEMB MANUFACTURER.

**ROOFING:**  
SSMR STANDING SEAM METAL ROOFING - PER PEMB MANUFACTURER.

**PAINT:**  
PNT PAINT  
PNT-X EPOXY PAINT

**MISCELLANEOUS:**  
MTL METAL (FINISH)  
IGU INSULATED GLAZING UNIT

**ELEVATION KEYNOTES**

#	KEYNOTE

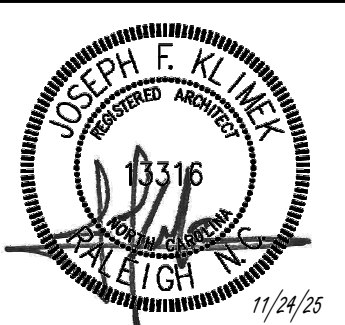
  

Revisions	Description		Date

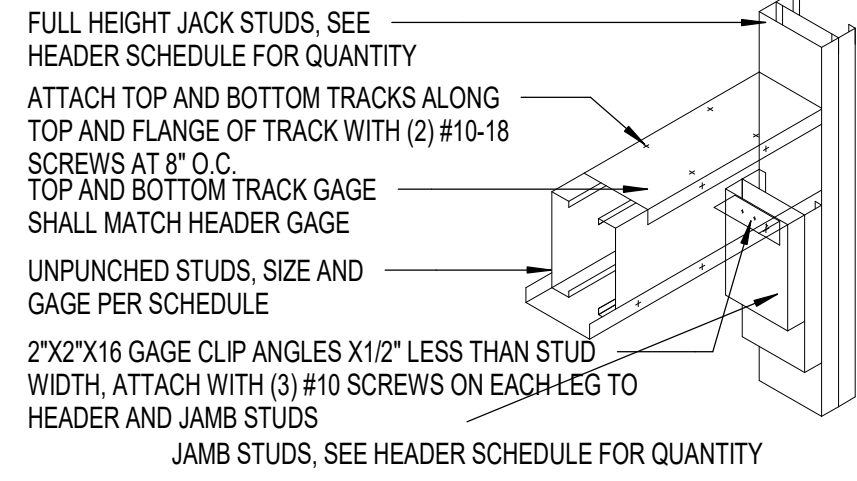
  

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A2.0
Checked By	
DG	

Sheet Title  
BUILDING ELEVATIONS / SECTIONS



**GENERAL NOTE:**  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

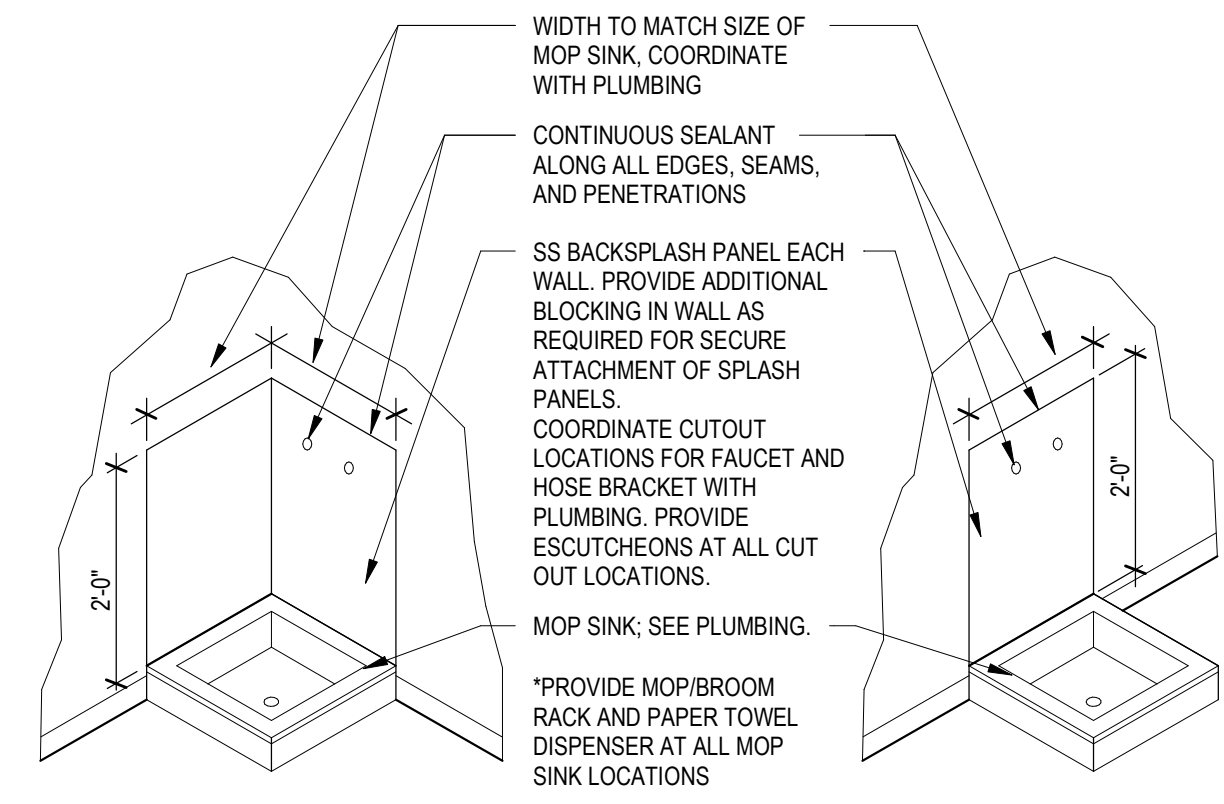


INT. HEADER SCHEDULE			
OPENING	SIZE	JACK	JAMB
0'-0" TO 5'-0"	3 5/8" X 20 GA.	2	2
5'-1" TO 7'-0"	6" X 20 GA.	2	2
7'-1" TO 10'-0"	8" X 20 GA.	2	3

NOTES:

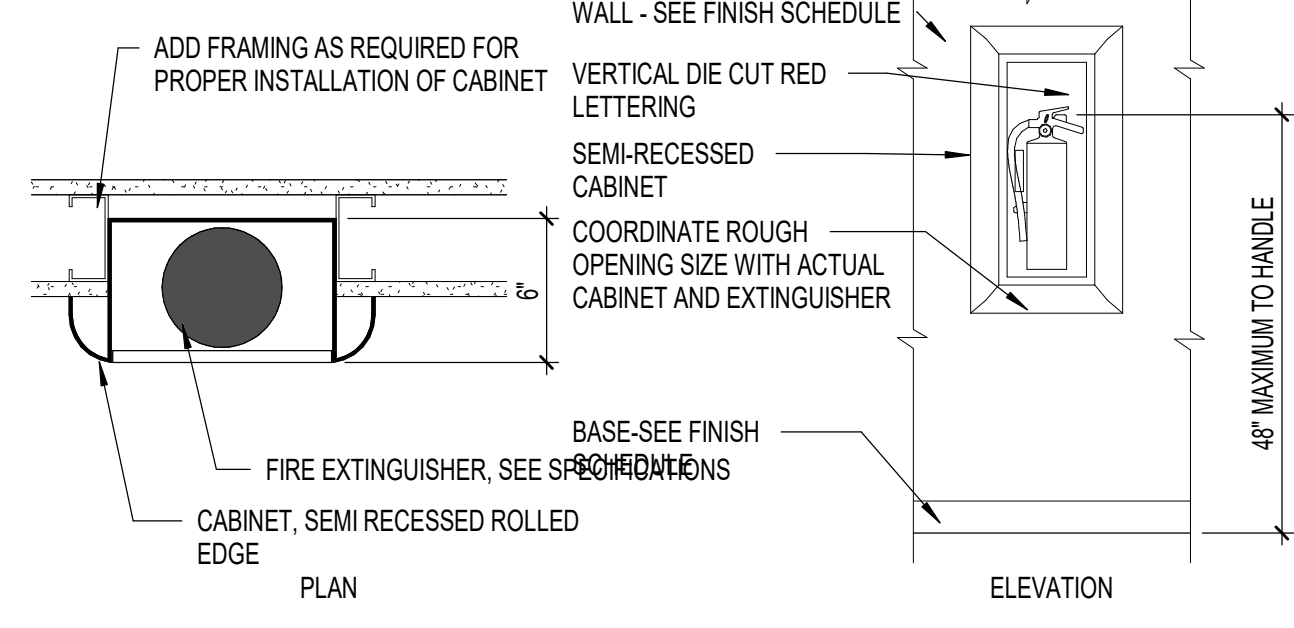
- ALL BOXED HEADERS SHALL BE SIZED TO FIT WALL SIZES SHOWN ARE MINIMUMS.
- PROVIDE JACK AND JAMB STUDS AT EACH INTERIOR HEADER LOCATION AS SCHEDULED UNLESS NOTED OTHERWISE ON ARCHITECTURAL OR STRUCTURAL PLANS.
- SEE PEMB DOCUMENTS BY OTHER FOR ALL EXT. HEADERS.

12 A6.0 TYP INT. HEADER BEARING  
1/2" = 1'-0"

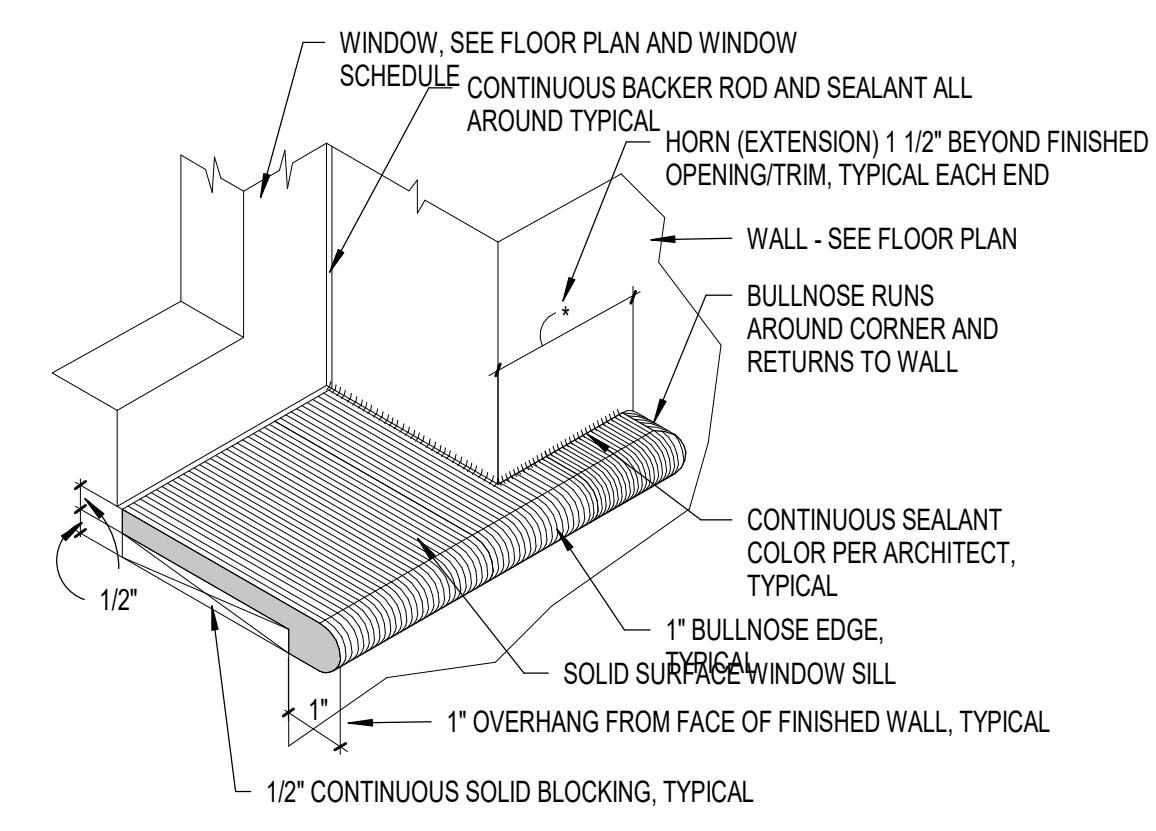


11 A6.0 SPLASH PANELS AT MOP RECEPTOR  
3/8" = 1'-0"

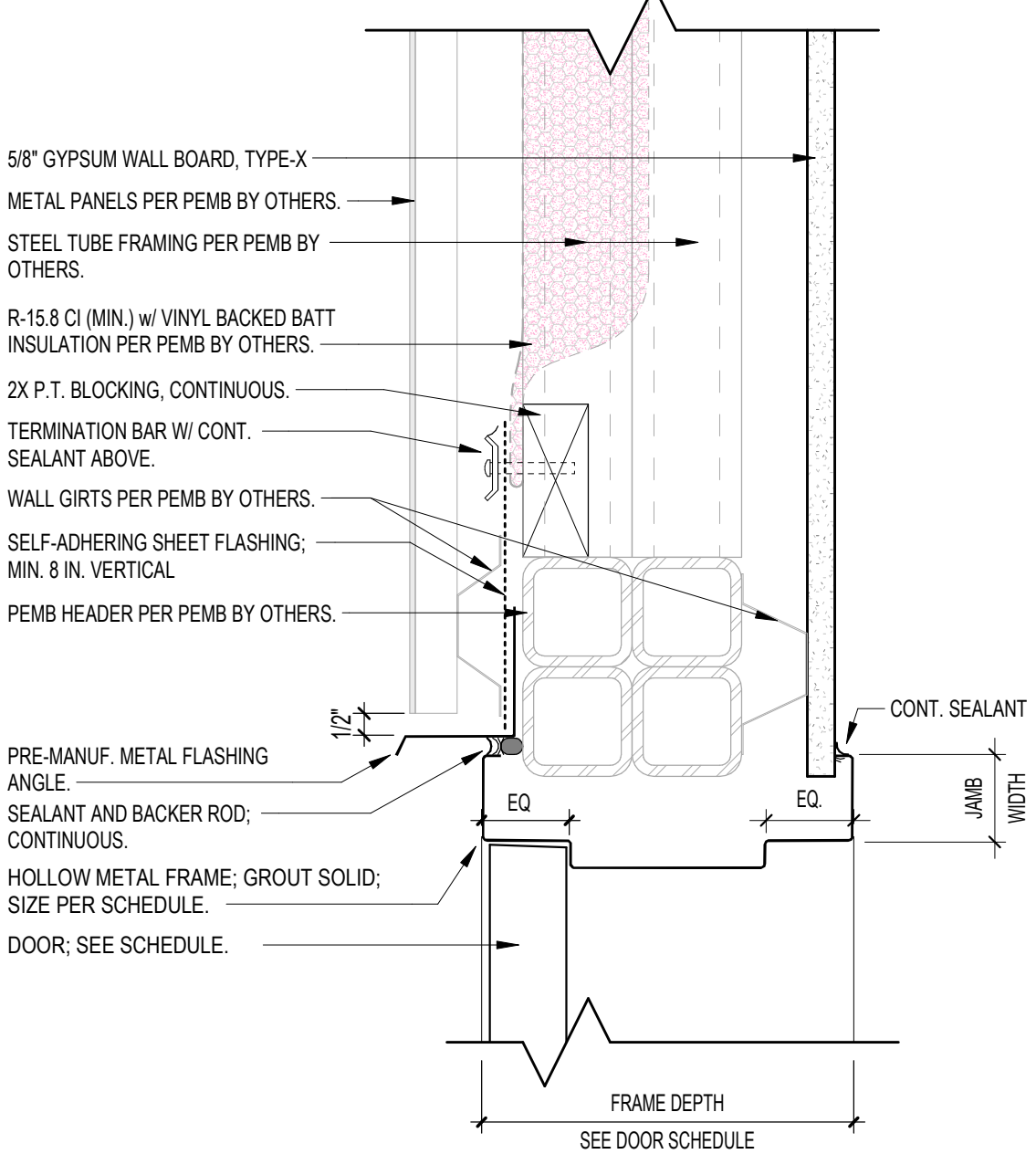
NOTE: BASIS OF DESIGN ARCHITECTURAL SERIES MODEL AL2499-R4 SEMI RECESSED FULL PANEL DOOR WITH CLEAR ACRYLIC GLAZING. 3/12" ROLLED EDGE TRIM, VERTICAL DIE CUT RED LETTERING, WHITE BAKED ENAMEL INTERIOR BOX AS MANUFACTURED BY LARSEN'S MANUFACTURING COMPANY OR APPROVED EQUAL.



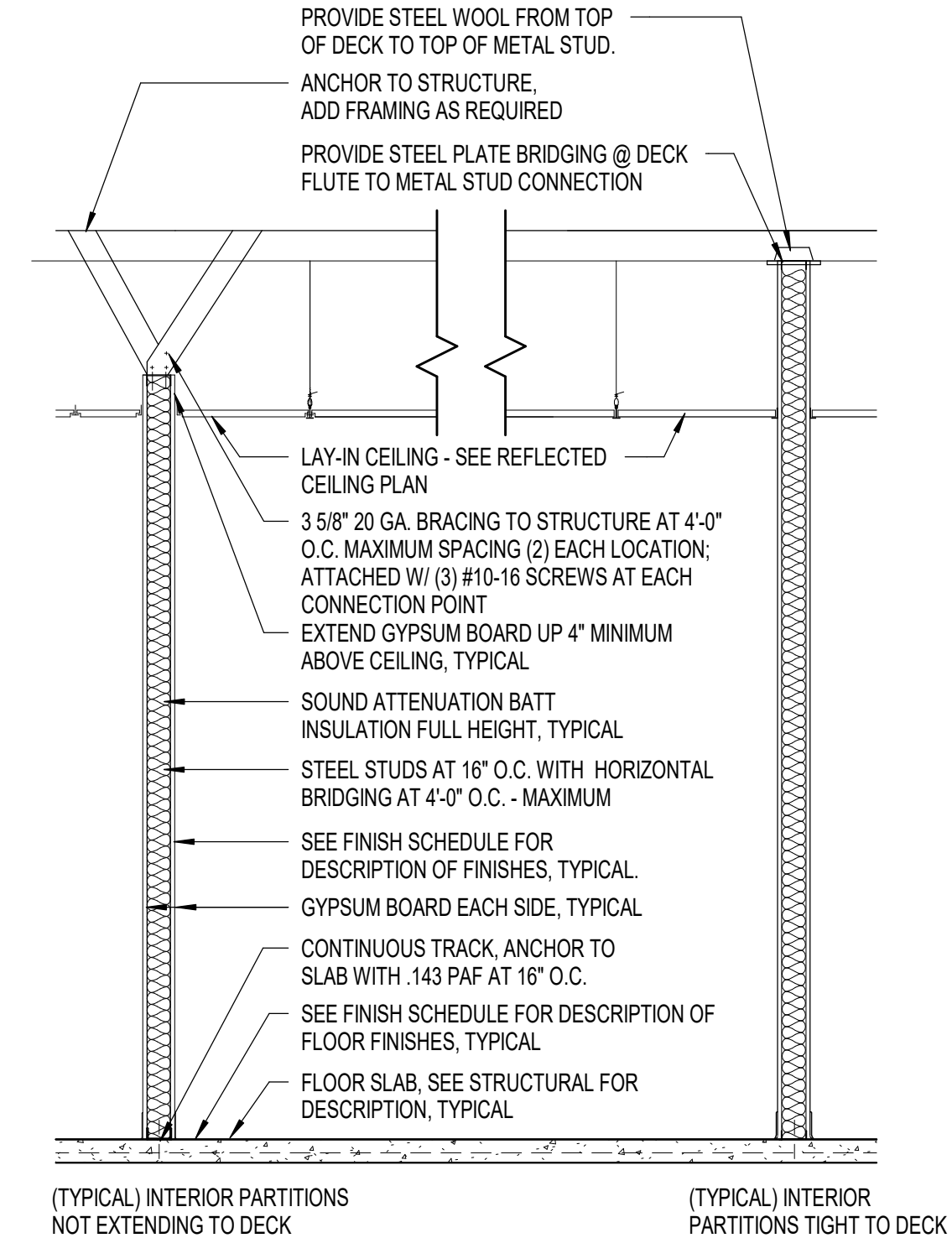
10 A6.0 SEMI RECESSED FEC  
1 1/2" = 1'-0"



9 A6.0 TYP WINDOW SILL DETAIL  
3" = 1'-0"



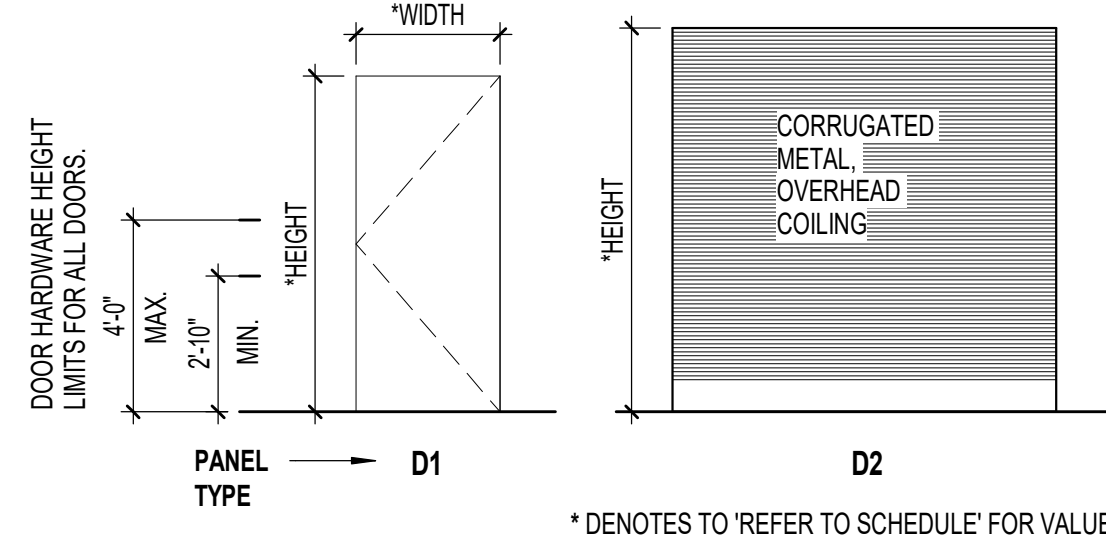
8 A6.0 HEAD AT EXT. DOOR  
3" = 1'-0"



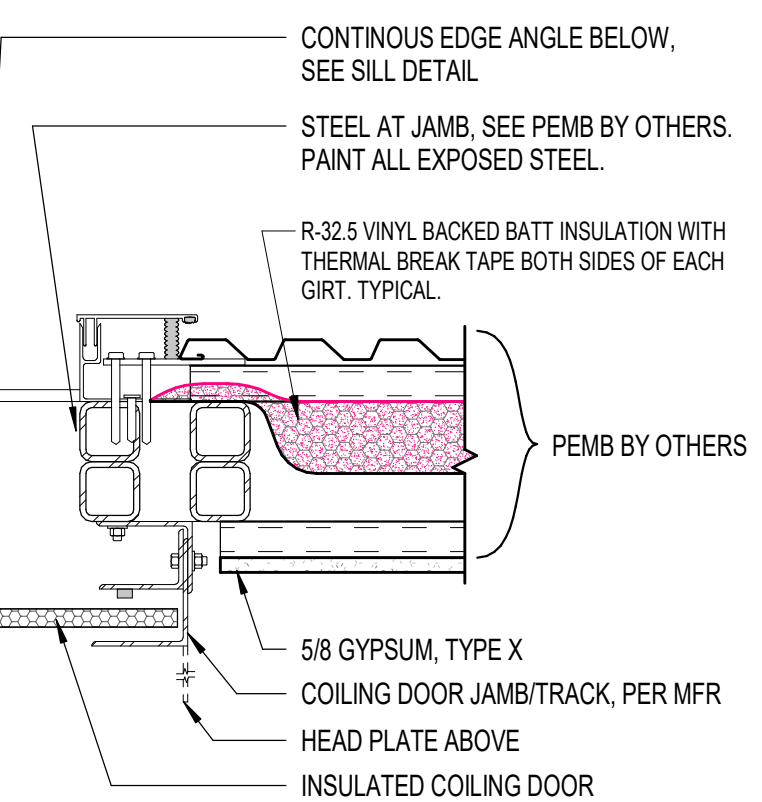
7 A6.0 TYP INTERIOR PARTITION DETAIL  
1/2" = 1'-0"

DOOR SCHEDULE

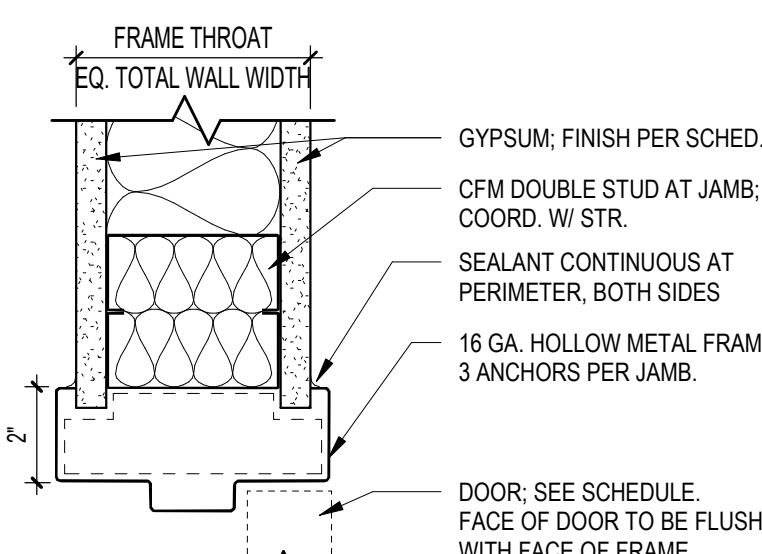
DOOR NUMBER	SIZE			MATERIAL	FINISH	PANEL		FRAME			RATING	DETAILS			DOOR NUMBER
	WIDTH	HEIGHT	THICKNESS			GLAZING	ELEVATION	MATERIAL	FINISH	ELEVATION		SILL	HW Set	REMARKS	
001	3'-0"	6'-8"	1 3/4"	HM-X	PNT-X	-	D1	HM-X	PNT-X	F1	-	S1	CL	001	
002	5'-0"	8'-3"	-	MTL	PNT-X	-	D2	OHD	-	-	-	S2	-	002	
003	8'-0"	10'-0"	-	MTL	PNT-X	-	D2	OHD	-	-	-	S2	-	003	
004	3'-0"	6'-8"	1 3/4"	HM-X	PNT-X	-	D1	HM-X	PNT-X	F1	-	S1	CL	004	
101	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	101	
102A	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	CL	102A	
103	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	103	
103A	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	103A	
104	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	104	
105	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	105	
106	3'-0"	6'-6"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-	-	106	



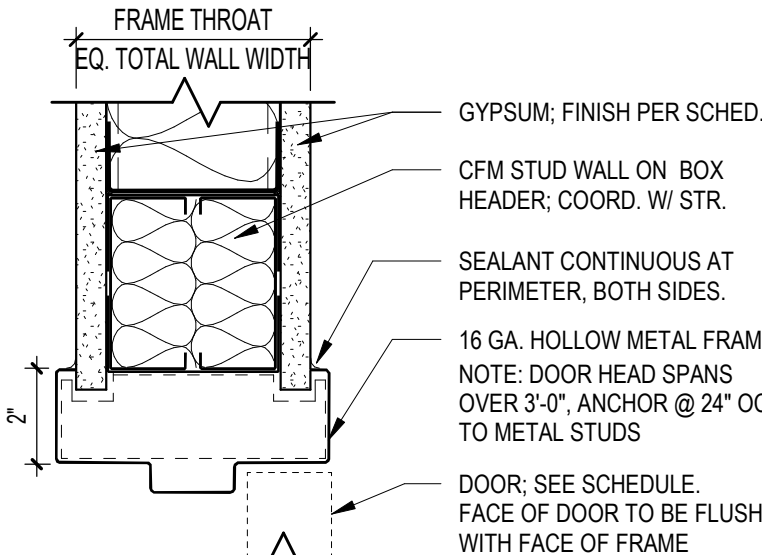
DOOR - ELEVATIONS  
1/4" = 1'-0"



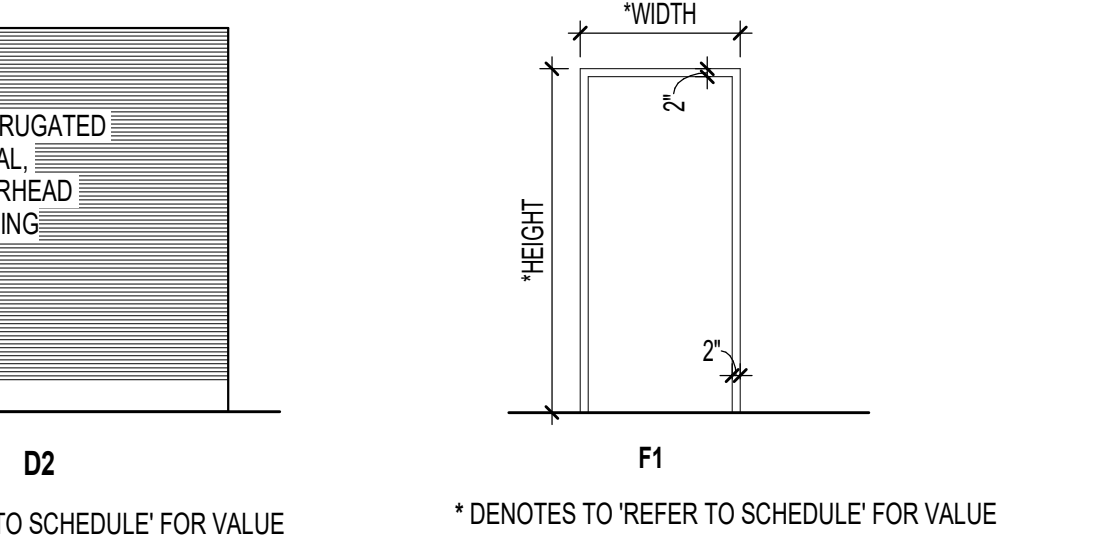
6 A6.0 JAMB - OVERHEAD COILING  
1 1/2" = 1'-0"



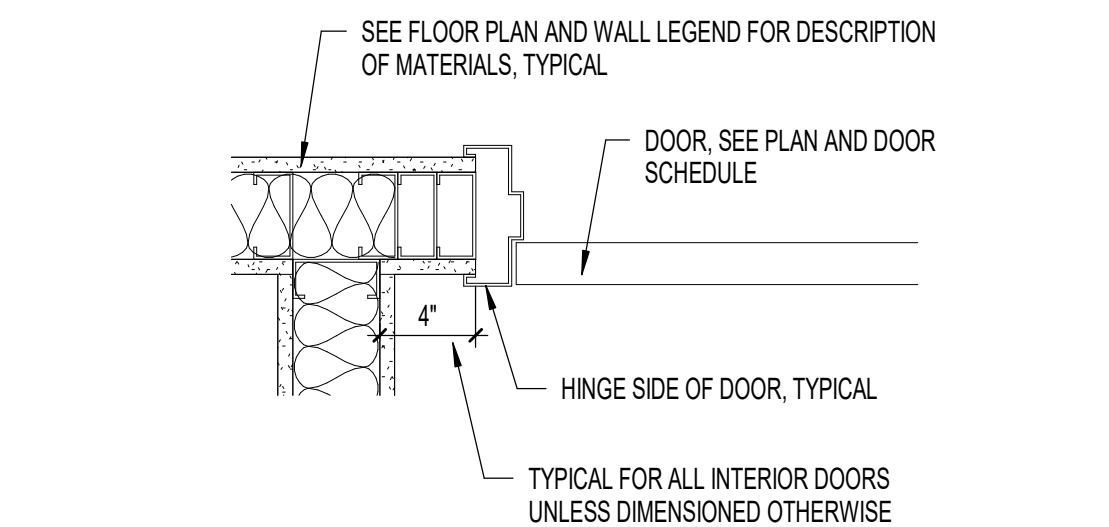
HM DOOR JAMB (AT METAL STUD)



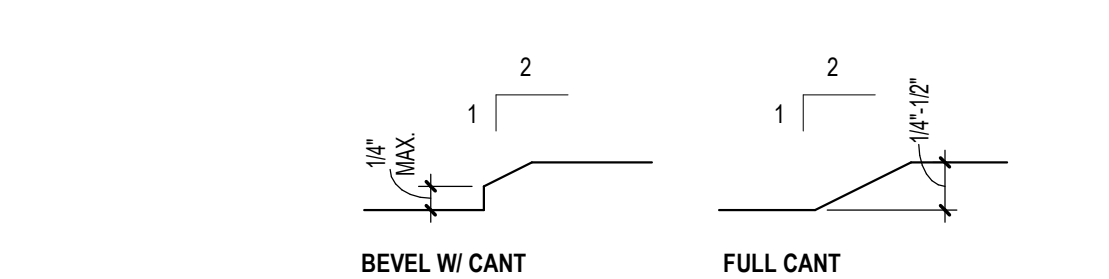
HM DOOR HEAD (AT METAL STUD)



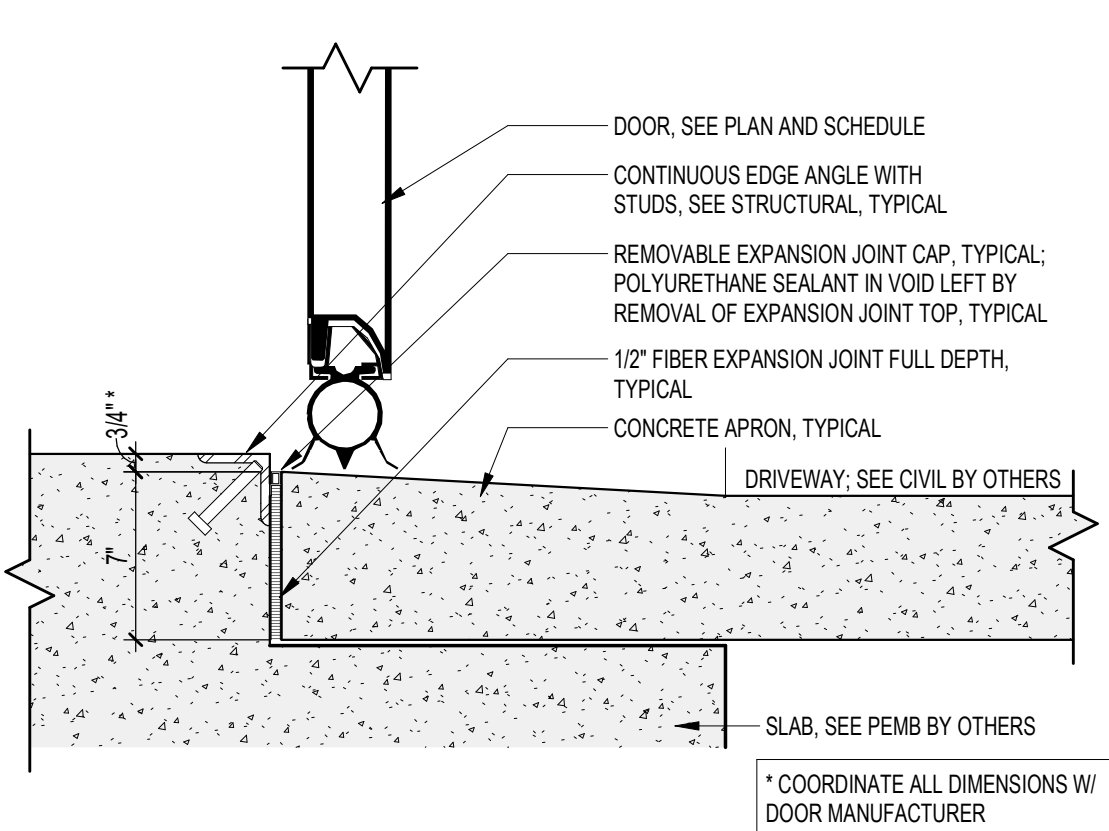
FRAME - ELEVATIONS  
1/4" = 1'-0"



4 A6.0 DOOR PLACEMENT  
1 1/2" = 1'-0"



3 A6.0 ADA THRESHOLD REQ'  
6" = 1'-0"



S2 A6.0 SILL AT OVERHEAD COILING  
1 1/2" = 1'-0"

DOOR SCHEDULE LEGEND

\*COLOR TO BE SELECTED BY OWNER FROM FULL RANGE OF MFR'S COLORS.

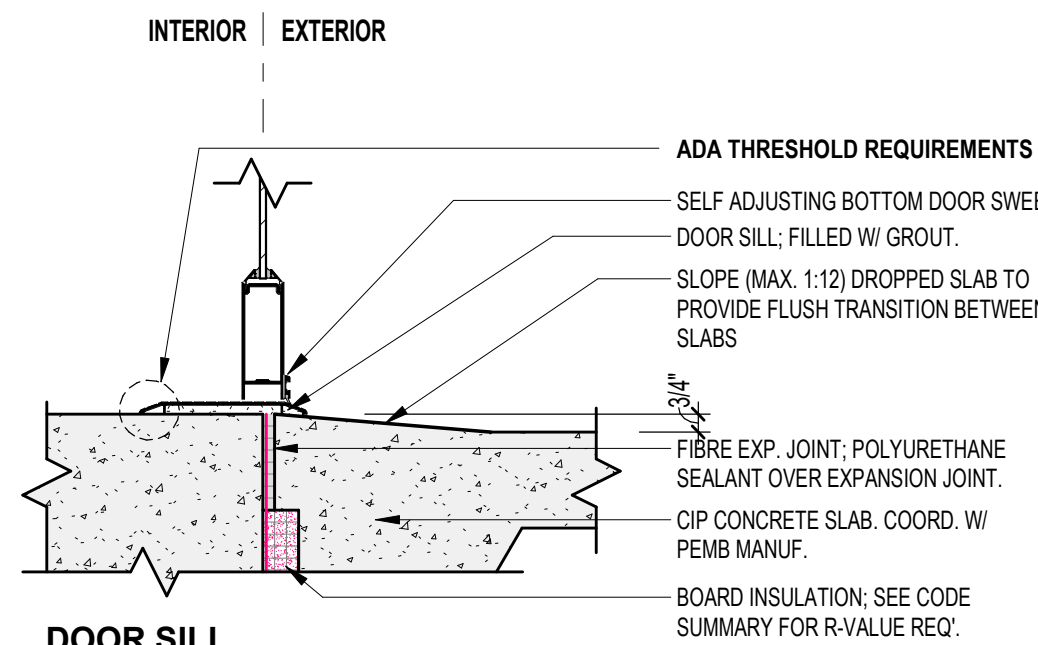
FRAME MATERIAL:  
HM HOLLOW METAL  
HM-X HOLLOW METAL EXTERIOR (INSULATED/ETD)  
OHD STEEL CHANNEL OVERHEAD DOOR, COORD. W/ MANUFACTURER

HARDWARE ABBREVIATIONS:  
AST ASTRAGAL  
AC ACCESS CONTROL  
CL CLOSER  
DIA DIAMETER  
FB FLUSH BOLT  
HO HOLD OPEN  
KL KEVED LOCK  
KP KICK PLATE  
OHS OVERHEAD STOP  
PH PANIC HARDWARE  
SS STAINLESS STEEL  
ST SLIDING TRACK  
STC SOUND TRANSMISSION CONTROL  
STP DOOR STOP (WALL OR FLOOR)  
SFM FLOOR MOUNTED STOP  
TR TAMPER RESISTANT  
WS WEATHER STRIPPING

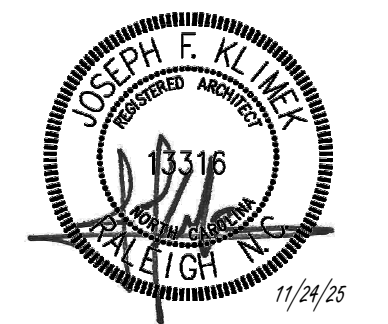
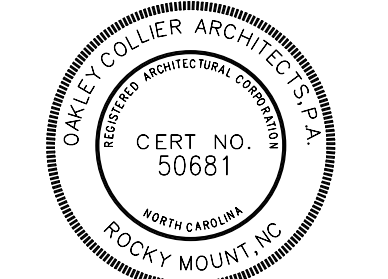
HARDWARE SETS:  
\*SEE SPECIFICATIONS FOR ALL HARDWARE SET COORDINATIONS.

HARDWARE FUNCTIONS:  
• ENTRY DEADLOCK FUNCTION: DEADBOLT BY KEY OUTSIDE, THUMBTURN INSIDE  
• STORE ROOM FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE, THE OUTSIDE LEVER IS ALWAYS LOCKED; ONE MUST ALWAYS HAVE A KEY TO OPEN THE DOOR FROM THE OUTSIDE.  
• OFFICE FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE. THE OUTSIDE LEVER IS LOCKED BY DEPRESSING A BUTTON ON THE INSIDE LEVER. A KEY IS USED TO UNLOCK THE OUTSIDE LEVER FROM THE OUTSIDE WHEN LOCKED.  
• PRIVACY FUNCTION: THE OUTSIDE LEVER IS LOCKED BY USE OF A PUSH BUTTON ON THE INSIDE LEVER. THE OUTSIDE LEVER CAN BE UNLOCKED (NOT BY A KEY) BY THE USE OF SOME SIMPLE TOOL.  
• PASSAGE FUNCTION: INSIDE AND OUTSIDE ARE ALWAYS OPERABLE.  
• OVERHEAD COILING DOOR FUNCTION: LOCK WITH A SLIDE-ABLE LEVER AND PADLOCK FROM INSIDE.

NOTES:  
1. COORDINATE ALL SIZES, TYPES, MATERIALS, FINISHES, AND HARDWARE FENESTRATION MANUFACTURER.  
2. PANIC HARDWARE ON ANY DOOR OVERRIDES ANY OTHER HANDLE SET PUSH SIDE THAT HAS BEEN SPECIFIED.  
3. ALL DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON DOORS ARE REQUIRED TO BE ACCESSIBLE BY 2018 NC BUILDING AND FIRE CODES. THEY SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH DOOR HARDWARE SHALL BE 34-48 INCHES ABOVE FINISHED FLOOR. WHEN SLIDING DOORS ARE FULLY OPENED, THE OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. THESE REQUIREMENTS DO NOT APPLY TO LOOKS USED FOR SECURITY PURPOSES AND NOT IN USE FOR NORMAL OPERATION.  
4. TEMPERED GLAZING SHALL BE USED AS NOTED AND AS REQUIRED BY CODE.  
5. EXTERIOR DOOR GLAZING SHALL BE 5/8" TEMPERED INSULATION, TYP. U.N.O.  
6. ALL HOLLOW METAL DOOR FRAMES SHALL BE FULLY WELDED TYPE, FACTORY PRIMED, AND FIELD PAINTED. COLOR PER OWNER. INSTALL PER MANUFACTURER FOR PROPER INSTALLATION AND OPERATION FOR SPECIFIC APPLICATIONS.  
7. ALL WOOD DOORS SHALL BE STAIN GRADE, SPECIES, AND COLOR PER OWNER.  
8. DOOR THRESHOLD SHALL BE 1/2" MAXIMUM HEIGHT AND COMPLY WITH ADA ACCESSIBILITY REQUIREMENTS PER NCBC 2018.



S1 A6.0 SILL AT EXT. DOOR  
1 1/2" = 1'-0"

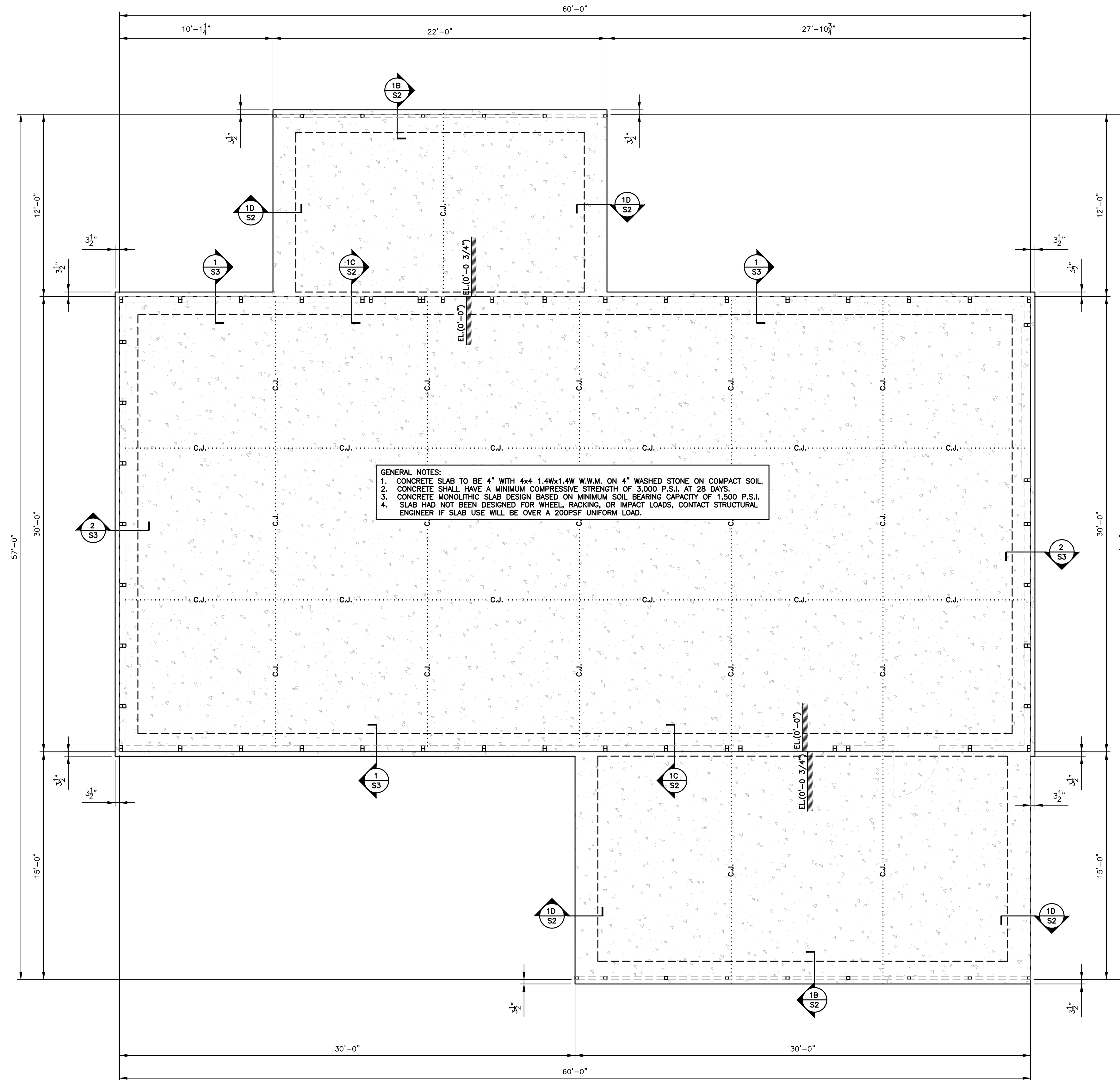


GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date
1	AJL Response v1	1/5/2026

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A6.0
Checked By	
DG	

Sheet Title:  
DOOR AND WINDOW SCHEDULES/DETAILS



**GENERAL CONCRETE NOTES:**

ALL REINFORCING BARS TO CONFORM TO ASTM-A615, GRADE 60. ALL ACCESSORIES ARE TO BE INCLUDED. BARS ARE TO BE COLD BENT IN SHOP. BAR SUPPORTS ARE TO BE SPACED IN ACCORDANCE WITH ACI 318 AND CRSI. ALL BAR SPLICES ARE TO BE CONSIDERED CLASS "B". CLASS "B" SPLICES ARE TO BE LAPPED A DISTANCE OF 1.3 Ld. COMPRESSION REINFORCING SHALL BE LAPPED A MIN. OF 40 BAR DIAMETERS.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 GRADE 60 OR 70. PLACEMENT IN CONCRETE SHALL BE IN THE CENTER OF THE SLAB

CONCRETE FOR FOOTINGS AND SLABS ON GRADE SHALL ATTAIN A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.

CONCRETE PLACEMENT AND QUALITY: PER RECOMMENDATIONS IN ACI SP-15.

DEBRIS: REMOVE ALL DEBRIS FROM FORMS BEFORE PLACING CONCRETE.

SEGREGATION OF AGGREGATES: DO NOT DROP CONCRETE THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES.

INSERTS: SECURELY POSITION ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING DOWELS, BOLTS, ANCHORS, PIPES AND SLEEVES IN THE FORMS BEFORE PLACING CONCRETE.

CONSTRUCTION JOINTS: OBTAIN THE ARCHITECT'S APPROVAL OF JOINT LOCATIONS IN ALL SLABS, BEAMS, AND SHEAR WALLS. REMOVE LANTANCE AND CLEAN SURFACE OF CONCRETE CONSTRUCTION JOINTS.

PIPES: DO NOT EMBED PIPES OTHER THAN ELECTRICAL CONDUITS IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ARCHITECT. MAXIMUM PIPE SIZE SHALL BE 1/3 OF THE SLAB THICKNESS AND LOCATED AT THE MID DEPTH. MINIMUM SPACING SHALL BE 3 TIMES THE PIPE DIAMETER. PIPES SHALL NOT IMPAIR THE STRENGTH OF THE MEMBER. ANY PIPES OF ALUMINUM ARE PROHIBITED IN STRUCTURAL CONCRETE.

REBAR COVER: ALL DIMENSIONS SHOWING THE LOCATION OF REINFORCING STEEL NOT NOTED AS "CLEAR" ARE TO CENTER OF STEEL MINIMUM REBAR COVER (CLEAR) FOR NON-PRESTRESSED CONCRETE SHALL BE AS FOLLOWS:

LOCATION	MIN. COVERAGE (CLEAR)	TOLERANCES
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"	3/8"
EXPOSED TO EARTH OR WEATHER:		
#5 AND SMALLER BARS	1 1/2"	3/8"
#6 AND LARGER BARS	2"	3/4"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:		
STRUCTURAL SLABS & WALLS	3/4"	1/8"
SLABS ON GRADE	1 1/2"	1/4"
BEAMS AND COLUMNS (PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS)	1 1/2"	3/8"

TOLERANCES OF REBAR PLACEMENT: TOLERANCE FOR LONGITUDINAL LOCATION OF BENDS AND ENDS OF REINFORCEMENT SHALL BE PLUS OR MINUS 2 INCHES EXCEPT AT DISCONTINUING ENDS OF MEMBERS WHERE TOLERANCES SHALL BE PLUS OR MINUS 1/2 INCH.

DO NOT ADD WATER TO CONCRETE MIX AT SITE UNLESS APPROVED BY ARCHITECT

CONCRETE: NORMAL WEIGHT CONCRETE SHALL HAVE A MINIMUM UNIT WEIGHT OF 145 POUNDS PER CUBIC FOOT.

AGGREGATE: NORMAL WEIGHT AGGREGATE CONFORMING TO ASTM C33.

AGGREGATE SIZE CONFORMING TO:

- 3/4" ASTM C67
- 1" ASTM C67
- 1 1/2" ASTM C67

CEMENT: TYPE I  
CONCRETE AGE: NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY ARCHITECT.

CONCRETE QUALITY:

CONCRETE USE:	STRENGTH @ 28 DAYS	SLUMP	AIR	AGGREGATE SIZE	AGGREGATE TYPE
FOUNDATIONS	3000	3"	-	1 1/2"	ASTM C33
EXTERIOR SLABS	4500	4"	4-6%	1"	ASTM C33
STRUCTURAL WALLS	4000	4"	4-6%	1"	ASTM C33
YARD WALLS	4000	4"	4-6%	1 1/2"	ASTM C33
SLAB ON GRADE	3000	4"	4-6%	1"	ASTM C33

DO NOT ADD WATER TO CONCRETE MIX AT SITE UNLESS APPROVED BY ARCHITECT

CONCRETE: NORMAL WEIGHT CONCRETE SHALL HAVE A MINIMUM UNIT WEIGHT OF 145 POUNDS PER CUBIC FOOT.

AGGREGATE: NORMAL WEIGHT AGGREGATE CONFORMING TO ASTM C33.

AGGREGATE SIZE CONFORMING TO: 3/4"  
ASTM C67 1"  
ASTM C67 1 1/2"  
ASTM C67

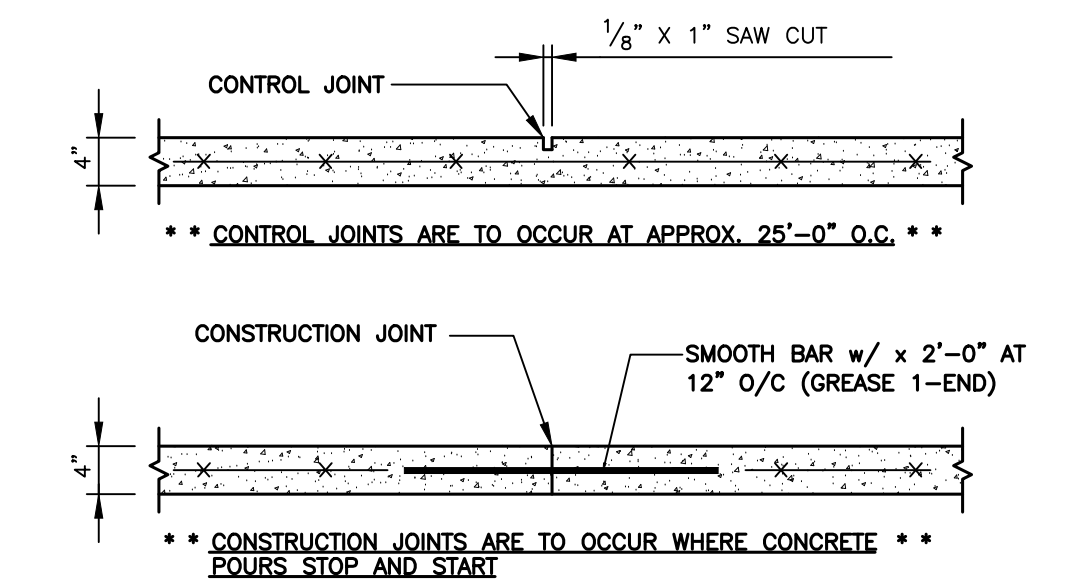
CEMENT: TYPE I CONCRETE AGE: NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY ARCHITECT.

**GENERAL NOTES:**  
SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2" x 1" 14GA TUBE STEEL FRAMING MEMBERS WHERE 2 1/2" x 2 1/2" 14GAUGE IS SPECIFIED, TS 2 1/2" x 2 1/2" 14GAUGE MAYBE USED AS AN OPTION FOR VERTICAL ROOF CONFIGURATION.

AVERAGE FASTENER SPACING SHALL BE 9" FOR RAFTERS AND PURLINS

FASTENERS SHALL BE #12 X 3/8" SELF DRILLING SCREWS WITH CONTROLSEAL WASHER. USE LAP JOINT SEALANT AT LOCATIONS LESS THAN 4" PITCH

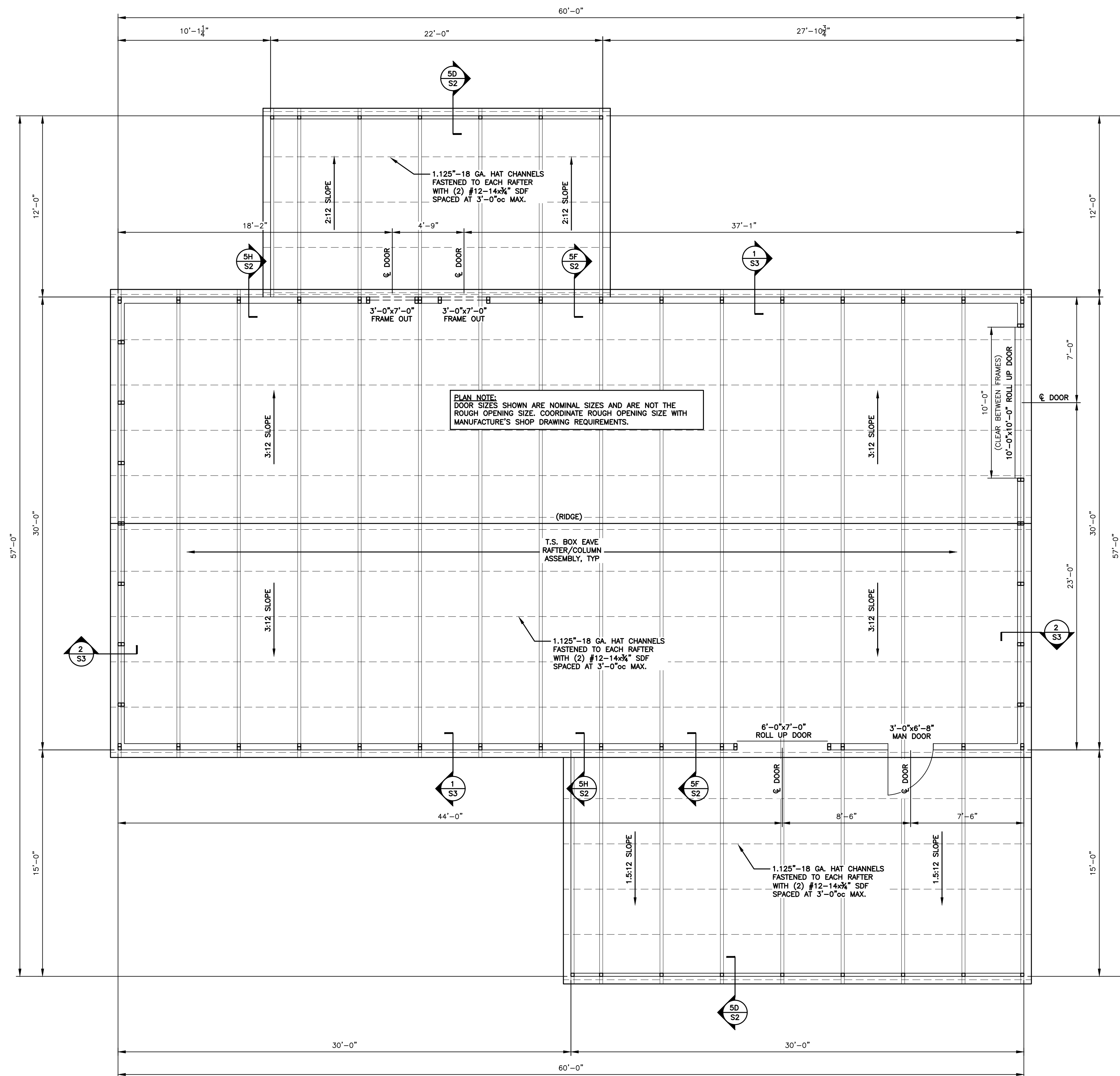
ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6" OF EACH COLUMN (POST) ALONG SIDES AND ENDS.



**TYPICAL JOINT DETAILS**

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

	<b>FiveNTwo Food Pantry</b> 17246 NC Hwy 27 Sanford, NC 27332		Project No. 25-221
	Date: 08/08/25 Revisions: --/--	<b>JCMT Associates, PLLC</b> 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	



FLOOR/ROOF FRAMING PLAN

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

APPENDIX "B"  
STRUCTURAL DESIGN

DESIGN LOADS:  
RISK CATEGORY II

IMPORTANCE FACTORS  
WIND (I<sub>w</sub>) 1.00  
SNOW (I<sub>s</sub>) 1.00  
SEISMIC (I<sub>e</sub>) 1.00

DEAD LOADS  
ROOF 13 PSF  
ROOF COLLATERAL 7 PSF

LIVE LOADS  
ROOF 20 PSF

GROUND SNOW LOAD: 15 PSF

WIND LOAD:  
BASIC WIND SPEED 117 mph (ASCE 7-10)  
EXPOSURE CATEGORY B

SEISMIC DESIGN CATEGORY C

COMPLIANCE WITH SECTION 1616.4?  NO  YES

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:  
OCCUPANCY CATEGORY II  
SPECTRAL RESPONSE ACCELERATION S<sub>a</sub> 20.1 %g S<sub>1</sub> 0.2 %g  
SITE CLASSIFICATION D  FIELD TEST  PRESUMPTIVE  HISTORICAL DATA

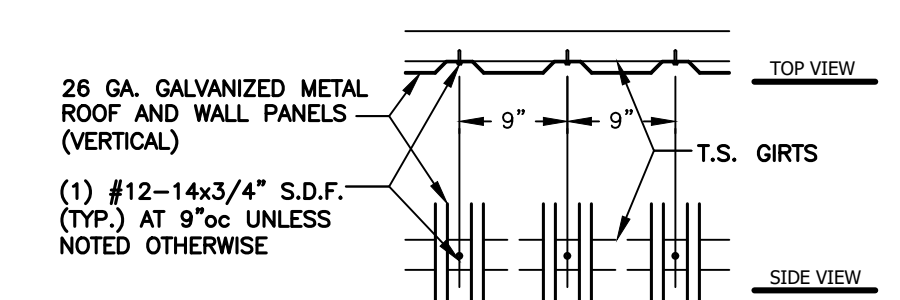
BASIC STRUCTURAL SYSTEM (CHECK ONE)  
 BEARING WALL  DUAL W/ SPECTRAL MOMENT FRAME  
 BUILDING FRAME  DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL  
 MOMENT FRAME  INVERTED PENDULUM

ANALYSIS PROCEDURE  SIMPLIFIED  EQUIVALENT LATERAL FORCE  MODAL

LATERAL DESIGN CONTROL?  EARTHQUAKE  WIND

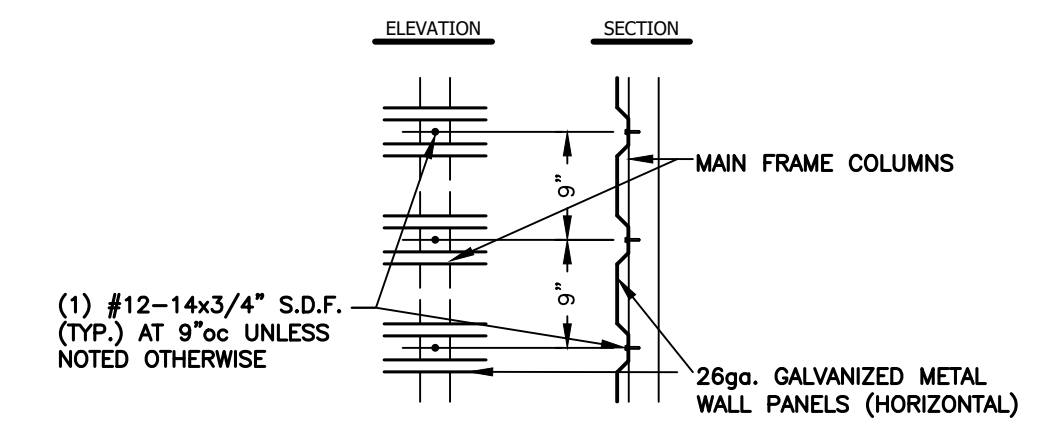
SOIL BEARING CAPACITIES:  
PRESUMPTIVE BEARING CAPACITIES: 1,500 PSF

GENERAL NOTES:  
1. MAX FRAME SPACING SHALL BE 48" OC UNLESS NOTED OTHERWISE.  
2. MAX. END-WALL COLUMN SPACING SHALL BE 48" OC UNLESS NOTED OTHERWISE.  
3. TUBE MATERIAL SHALL BE 2-1/2" x 2-1/2" x 12ga. 50 K.S.I. MIN. UNLESS NOTED OTHERWISE.  
4. ALL FASTENERS SHALL BE #12 SELF TAPPING UNLESS NOTED OTHERWISE.  
5. 1,500 P.S.F. ASSUMED BEARING CAPACITY UNLESS NOTED OTHERWISE.  
6. EXTERIOR SIDING SHALL BE FASTENED WITH #12 SELF TAPPING SCREWS AT 9" OC.  
7. J.C.M.T. IS NOT RESPONSIBLE FOR TEMPORARY ERECTION STABILITY OR BRACING DURING CONSTRUCTION.  
8. THIS BUILDING HAS NOT BEEN DESIGNED FOR SLEEPING QUARTERS.



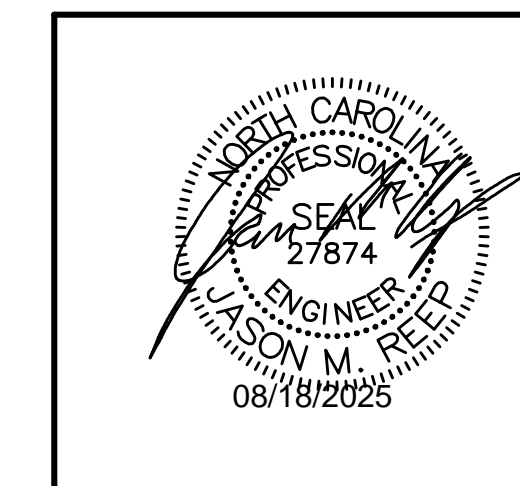
SIDING CONNECTION DETAIL-VERTICAL

SCALE: 1-1/2"=1'-0"

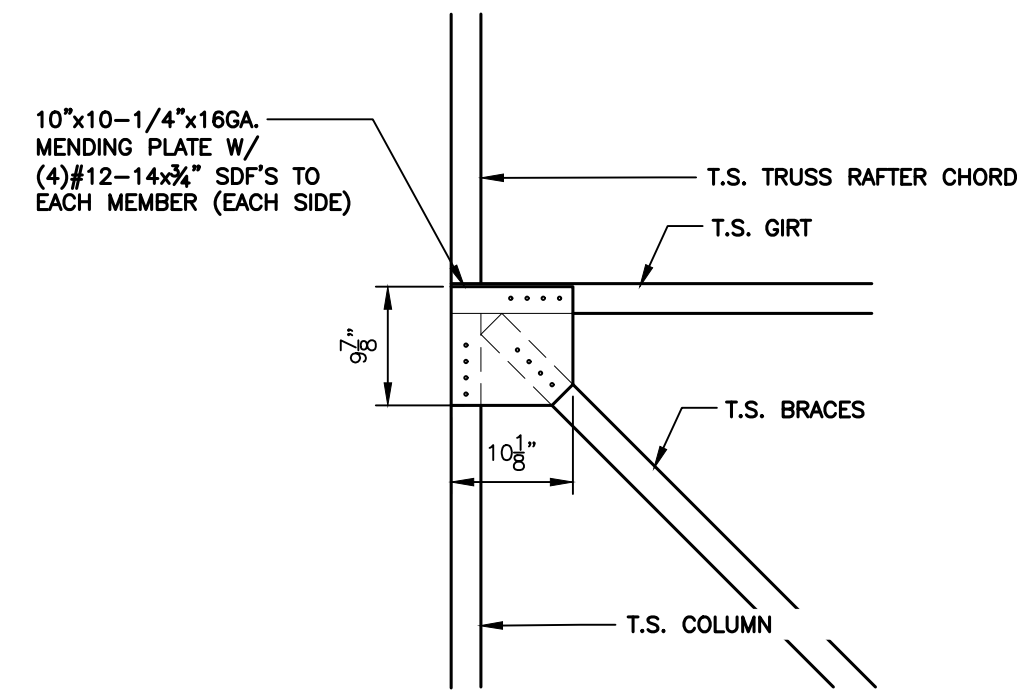


SIDING CONNECTION DETAIL-HORIZONTAL

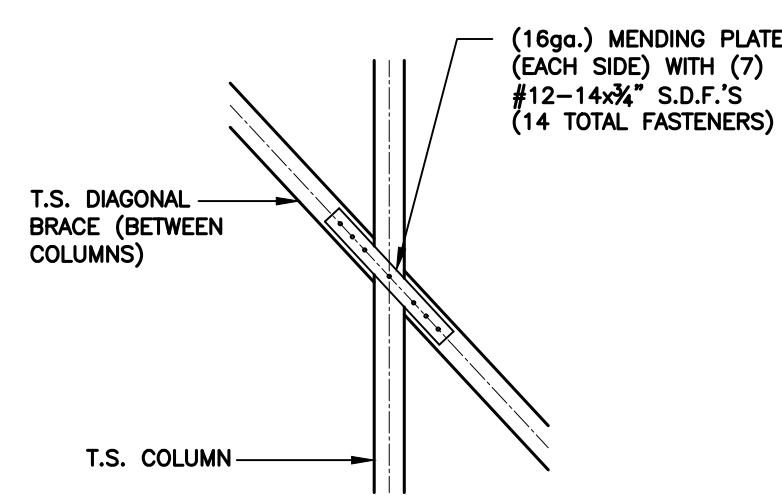
SCALE: 1-1/2"=1'-0"



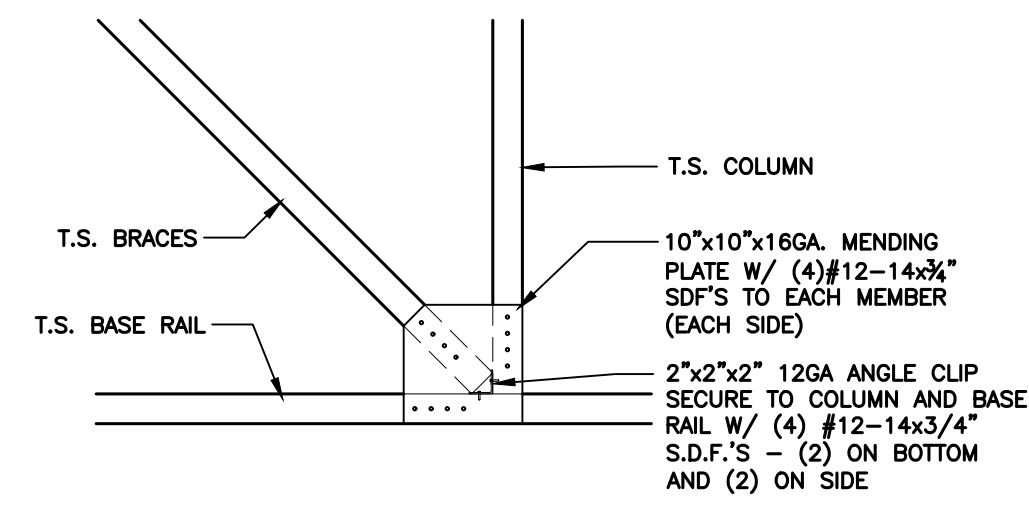
<p>FiveNTwo Food Pantry 17246 NC Hwy 27 Sanford, NC 27332</p>		
Date: 08/08/25	<p>JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277</p>	<p>Project No. 25-221 Sheet No. S1.2</p>
Revisions: --/--		



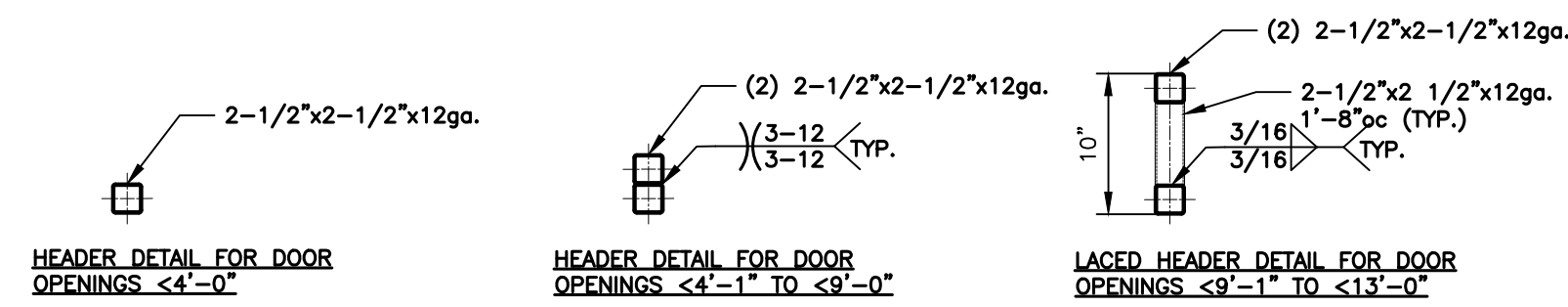
**3** DIAGONAL BRACING CONNECTION DETAIL  
S1.3 SCALE: 3/4" = 1'-0"



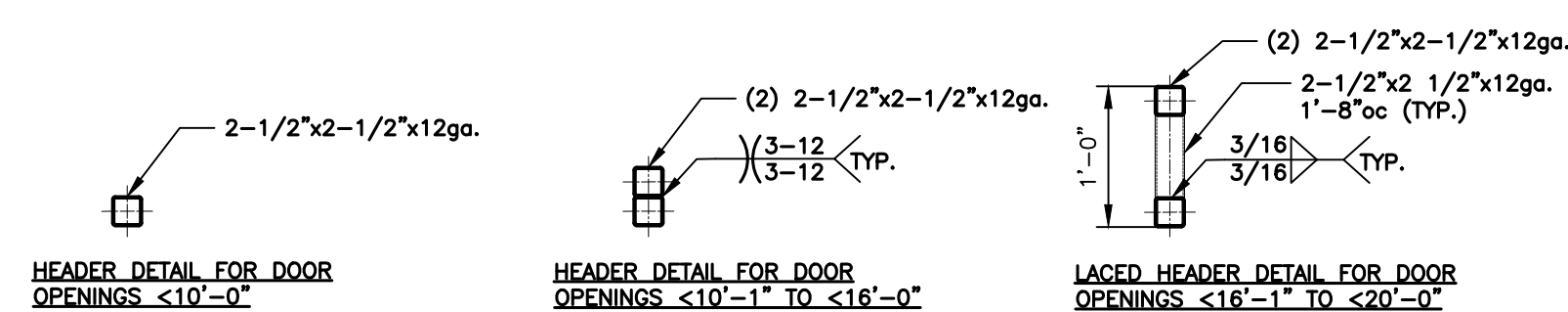
**2** DIAGONAL BRACING CONNECTION DETAIL  
S1.3 SCALE: 3/4" = 1'-0"



**1** DIAGONAL BRACING CONNECTION DETAIL  
S1.3 SCALE: 3/4" = 1'-0"

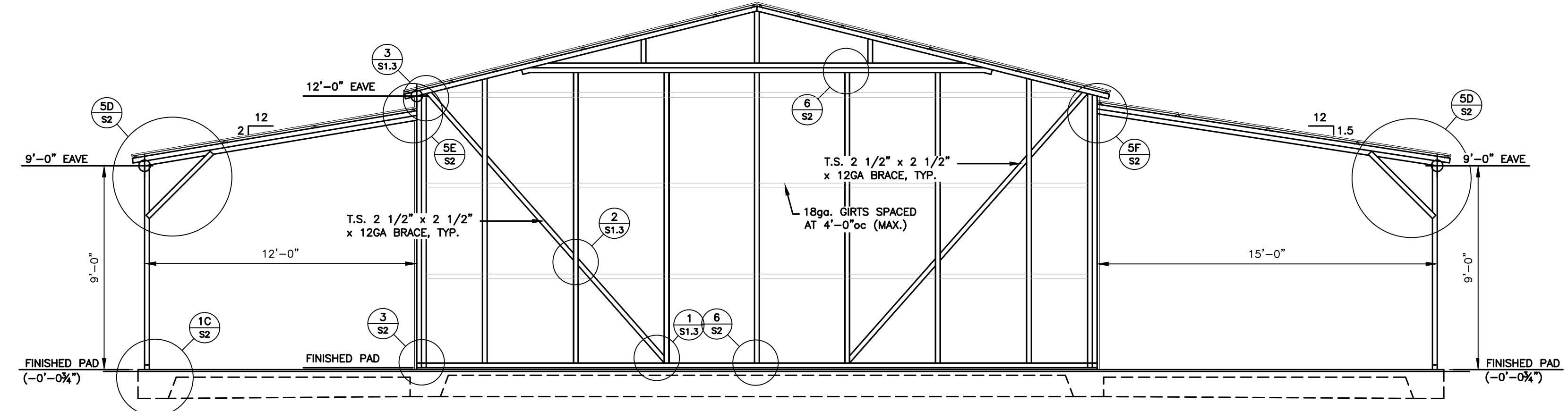


SIDE WALL HEADER OPTIONS

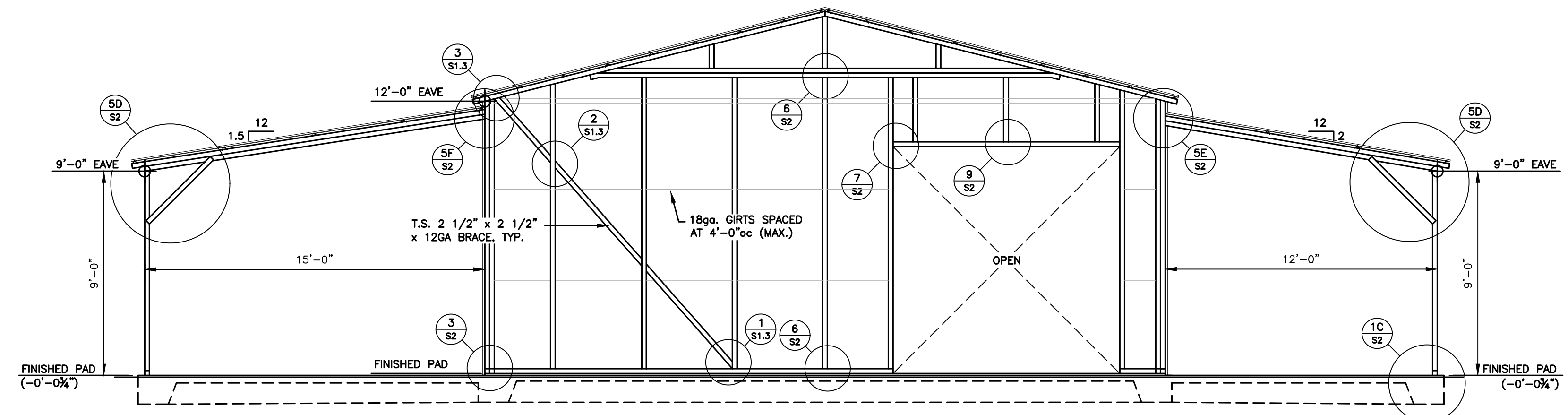


END WALL HEADER OPTIONS

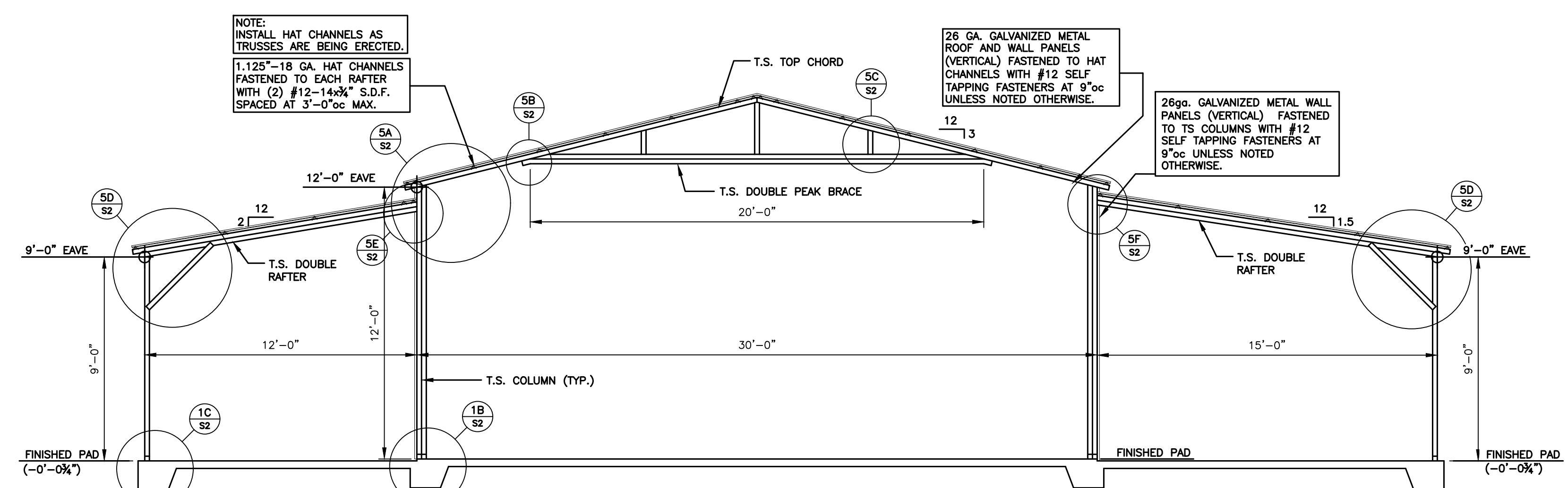
**AA** SIDE WALL / END WALL HEADER OPTIONS  
S1.3 SCALE: 3/4" = 1'-0"



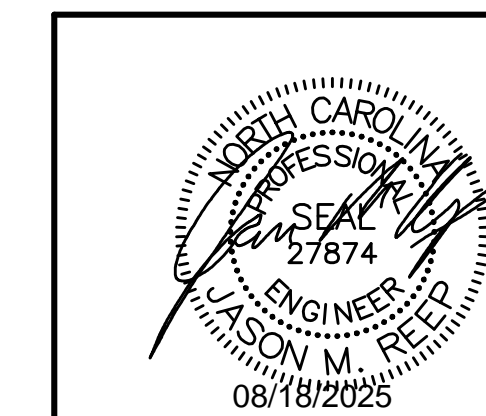
**FRONT ELEVATION**  
SCALE: 1/4"=1'-0"



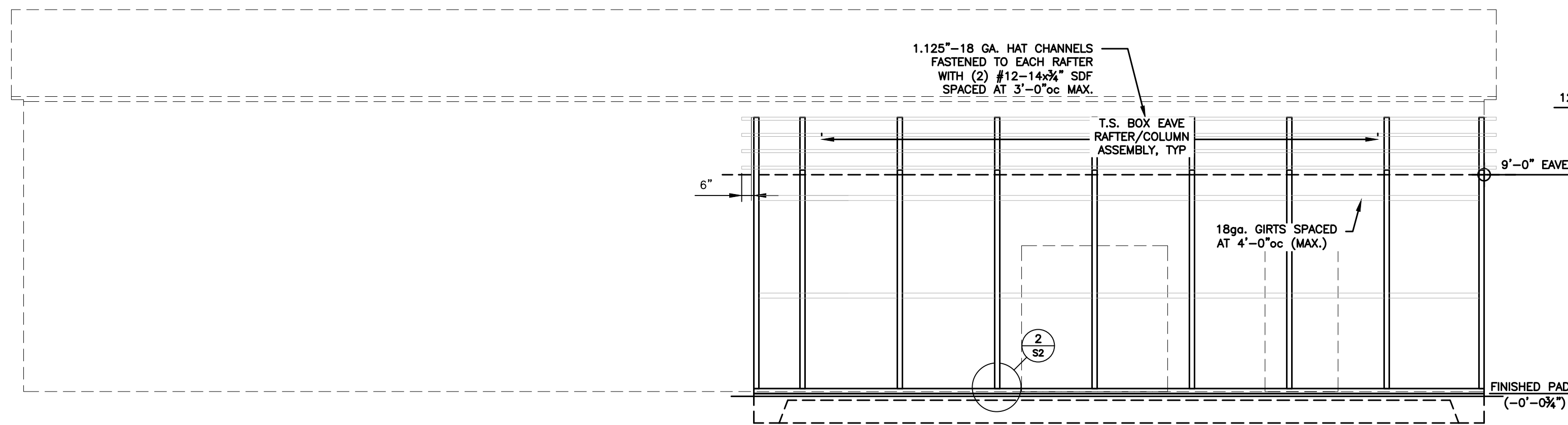
**REAR ELEVATION**  
SCALE: 1/4"=1'-0"



**BUILDING SECTION**  
SCALE: 1/4"=1'-0"

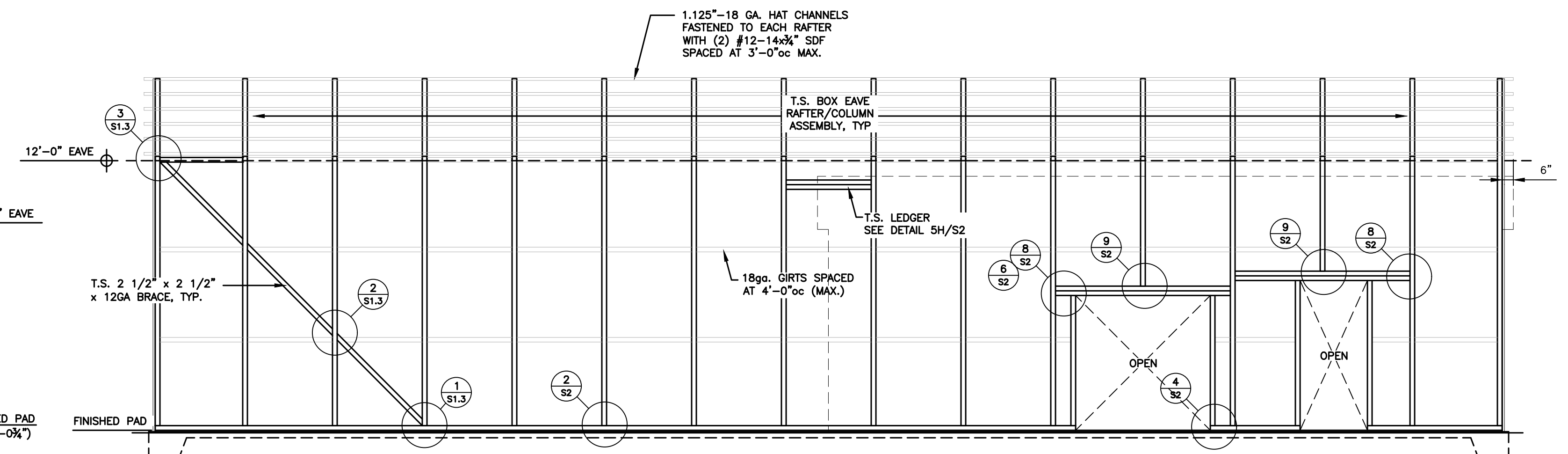


<b>FiveNTwo Food Pantry</b> 17246 NC Hwy 27 Sanford, NC 27332		
Date:	<b>JCMT Associates, PLLC</b> 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	Project No.
08/08/25		25-221
Revisions:		Sheet No.
--/--		S1.3



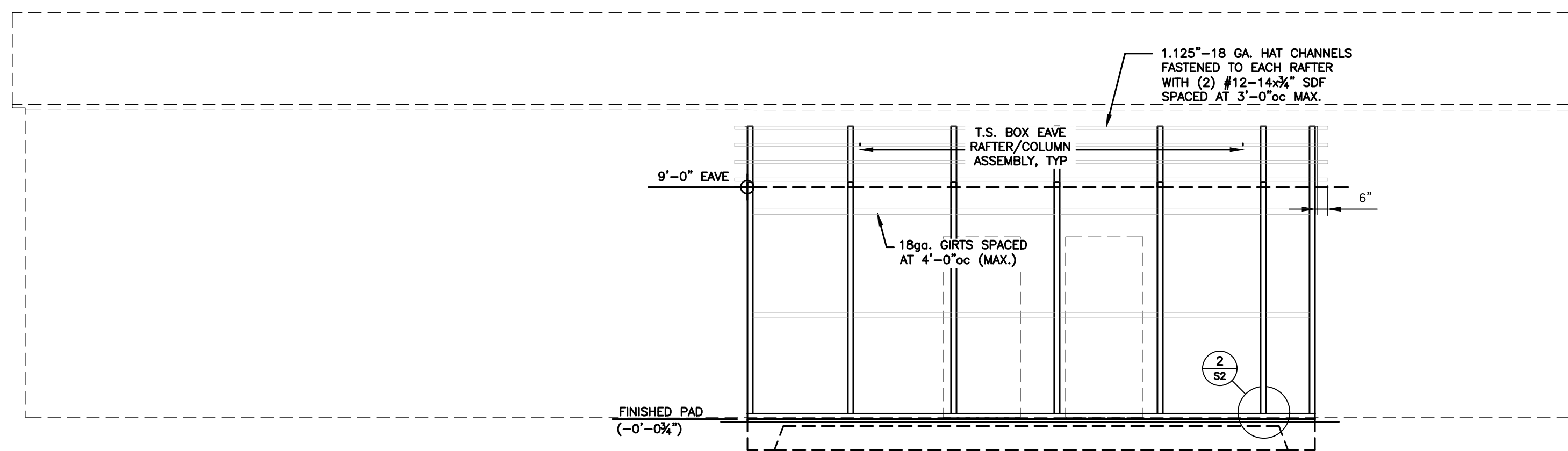
**RIGHT LEAN-TO ELEVATION**

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



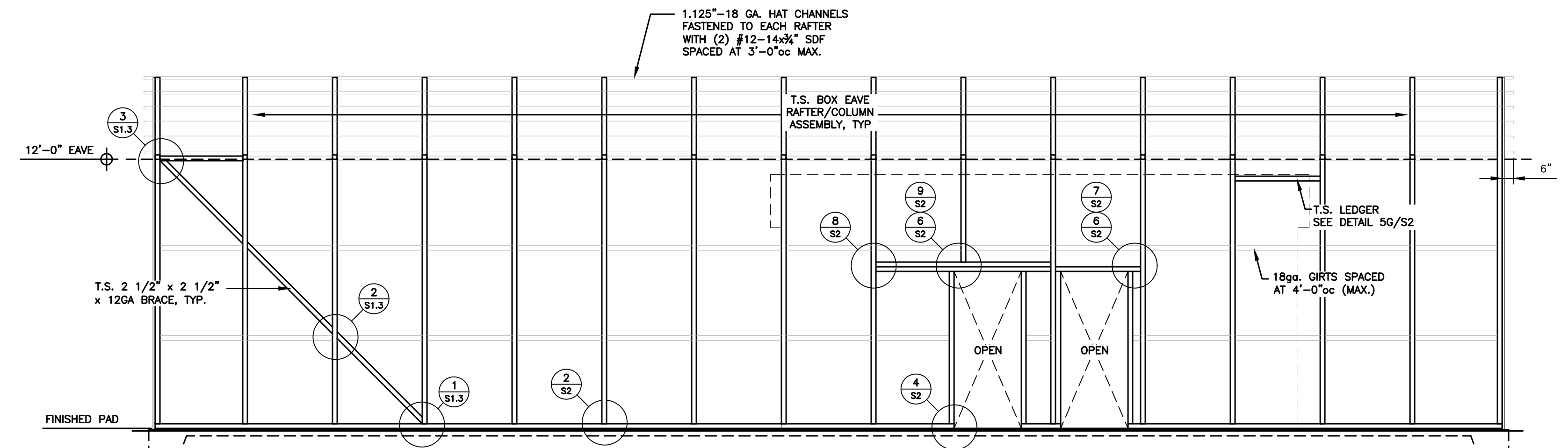
**RIGHT ELEVATION**

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



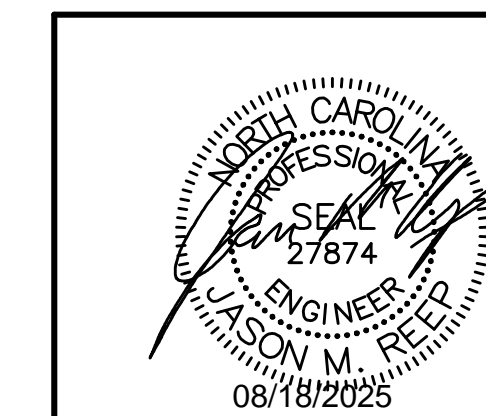
**LEFT LEAN-TO ELEVATION**

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



**LEFT ELEVATION**

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



FiveNTwo Food Pantry  
17246 NC Hwy 27  
Sanford, NC 27332

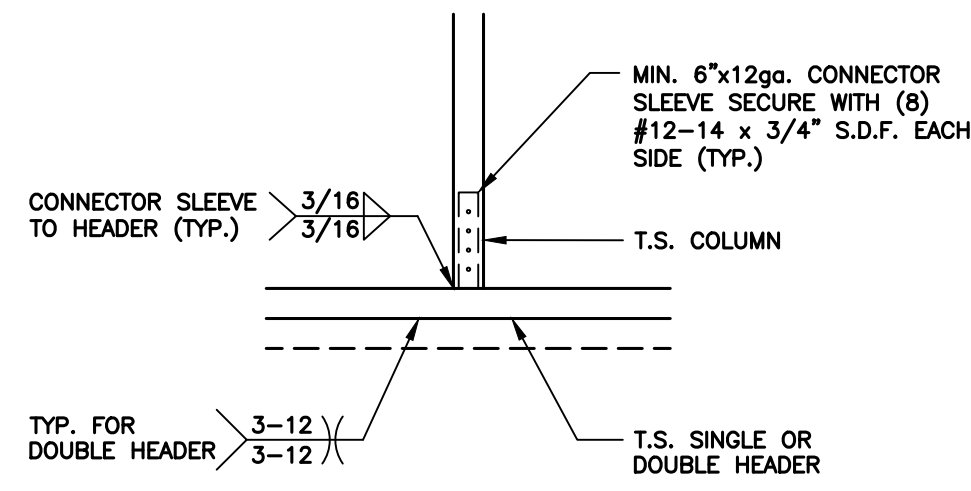
Date:  
08/08/25

Revisions:  
--/--

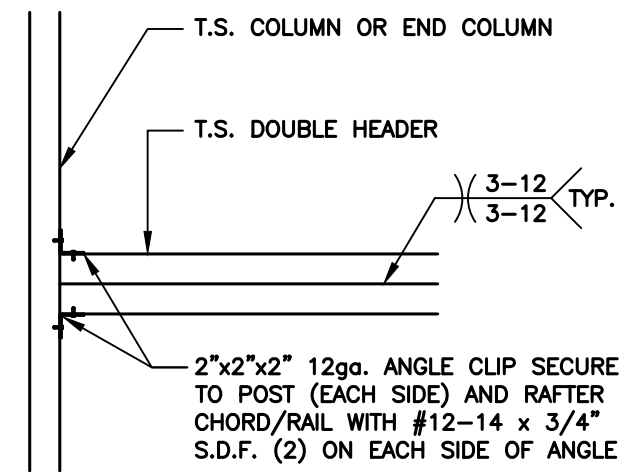
JCMT Associates, PLLC  
211 Stone Drive,  
Pilot Mountain, NC 27041  
Telephone: (336) 399-6277

Project No.  
25-221

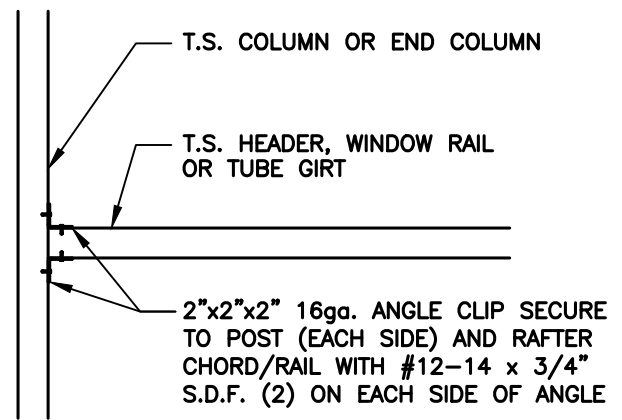
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S1.4



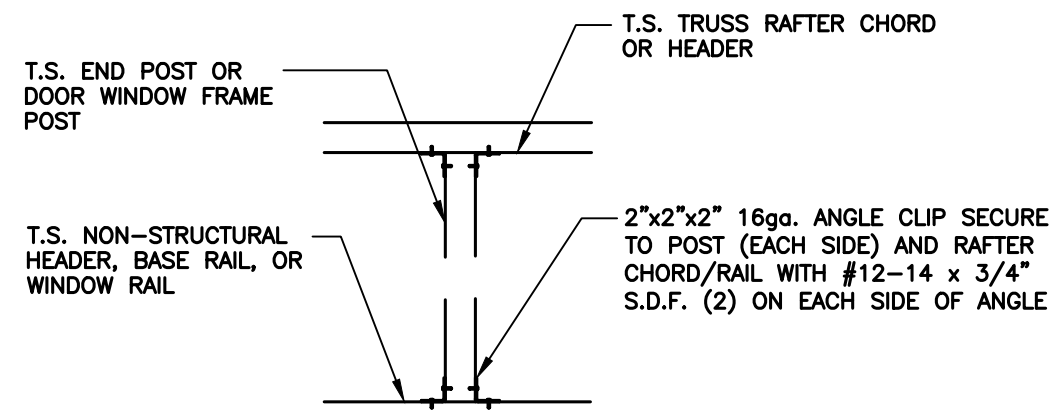
**9** HEADER TO COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



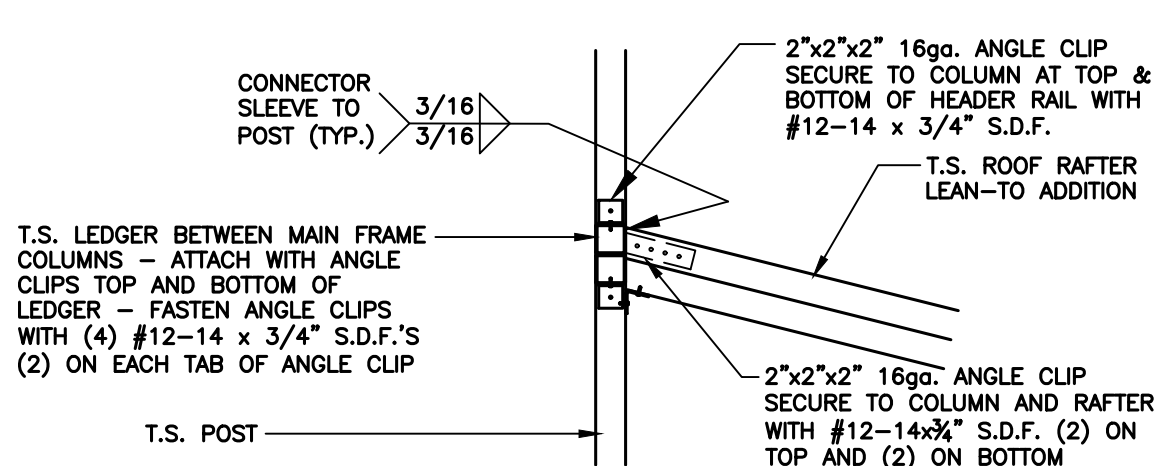
**8** HEADER TO COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



**7** HEADER/GIRT TO COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

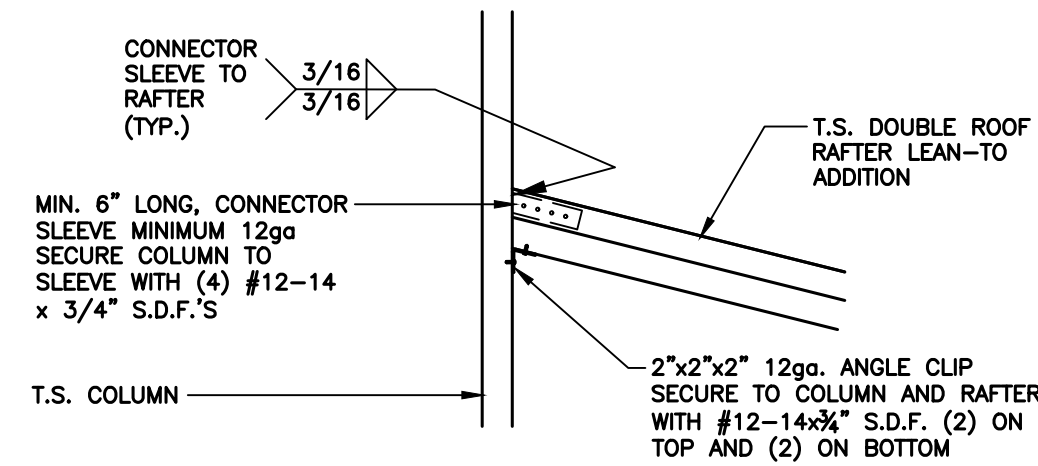


**6** RAIL TO POST CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



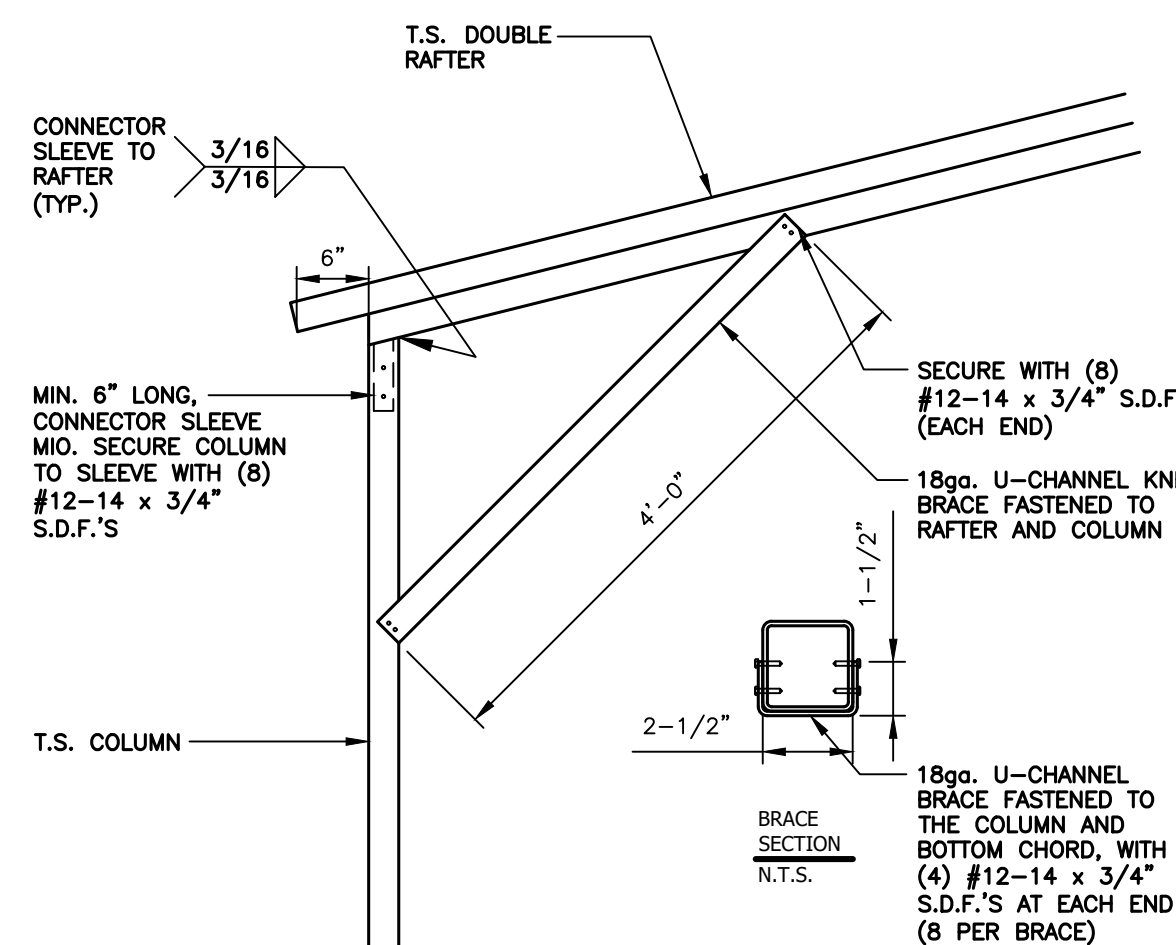
**5H** LEAN-TO RAFTER/POST CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0"

**5G** LEAN-TO RAFTER/POST CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0"

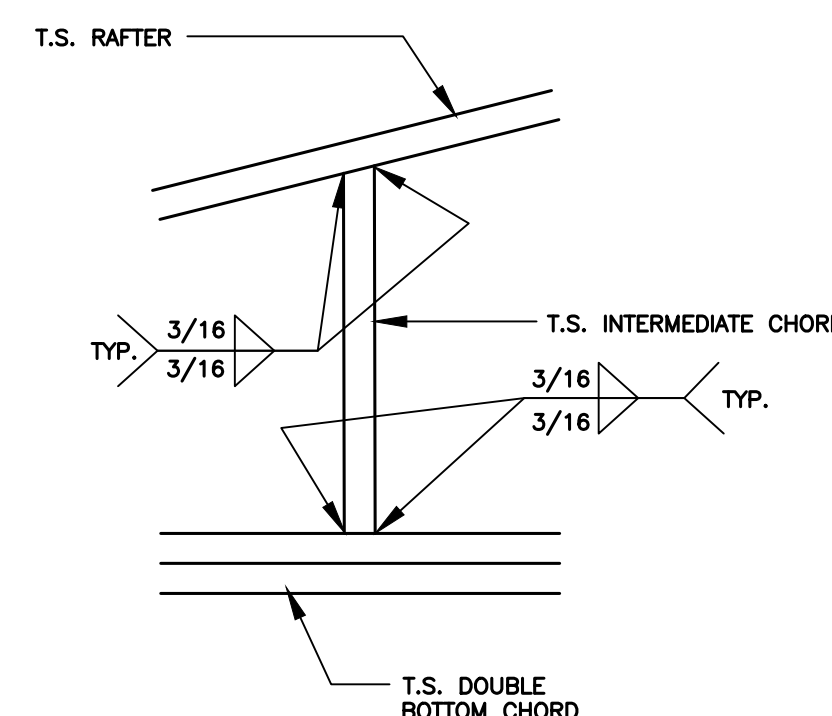


**5F** LEAN-TO RAFTER TO COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

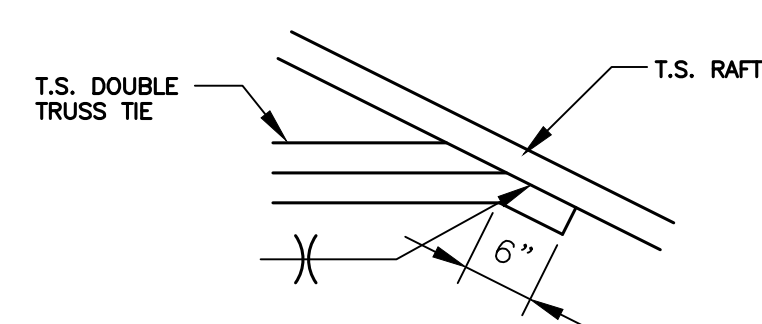
**5E** LEAN-TO RAFTER TO COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



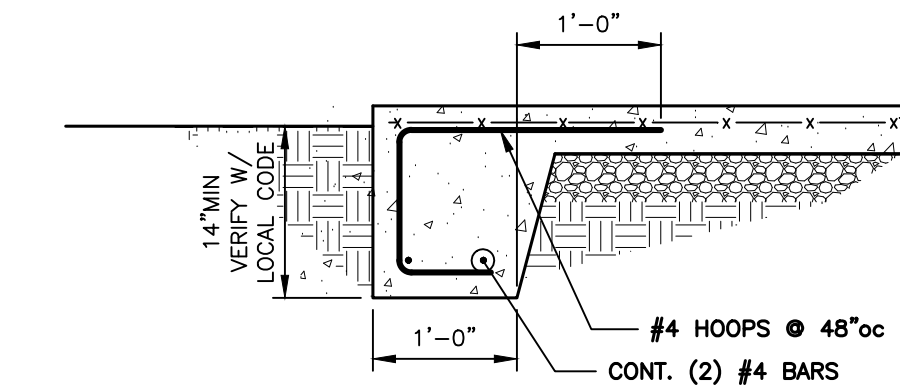
**5D** BOX EAVE RAFTER / COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



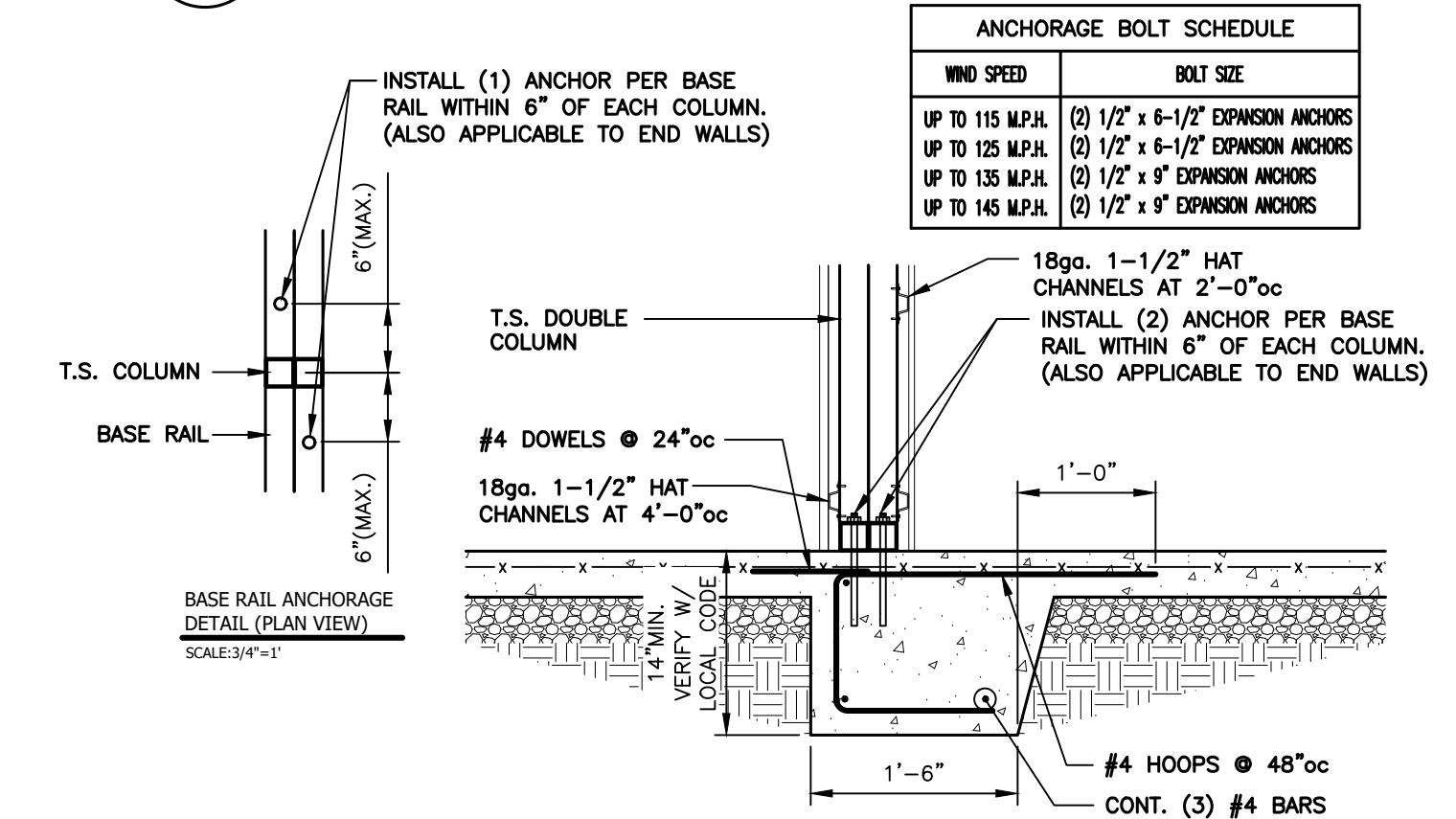
**5C** INTERMEDIATE CHORD TO TOP/BOTTOM CHORD CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



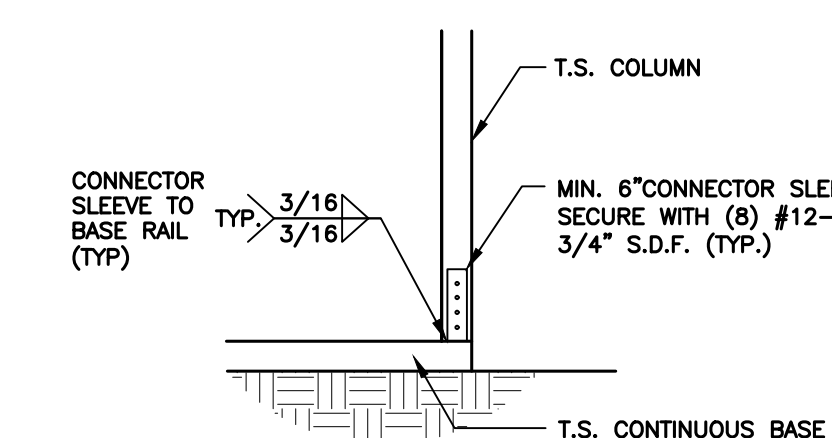
**5B** TRUSS TIE CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



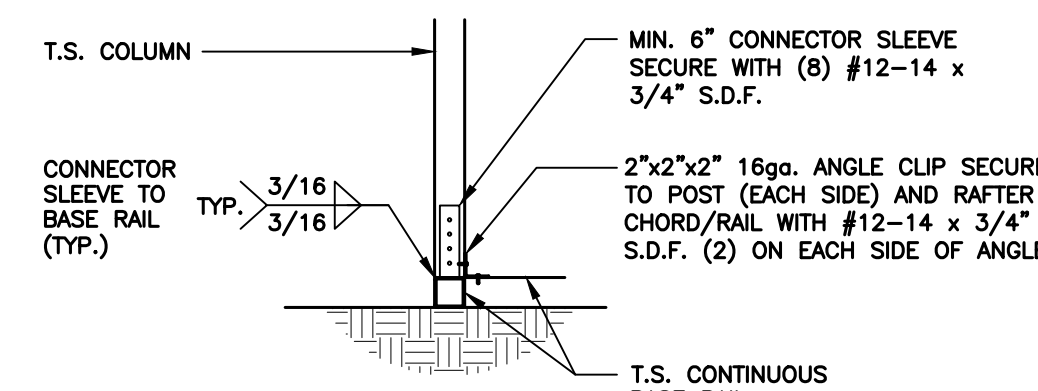
**1D** THICKENED SLAB EDGE DETAIL  
 S2 SCALE: 3/4" = 1'-0"



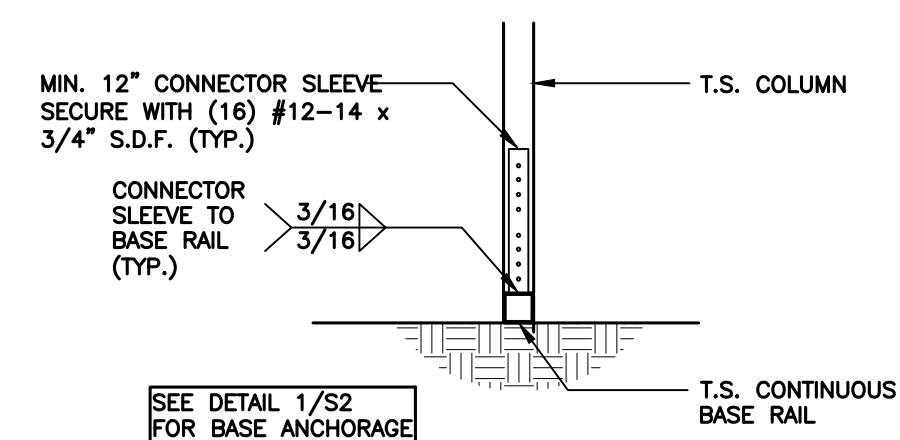
**5A** BOX EAVE RAFTER / COLUMN CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



**4** COLUMN / BASE RAIL CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

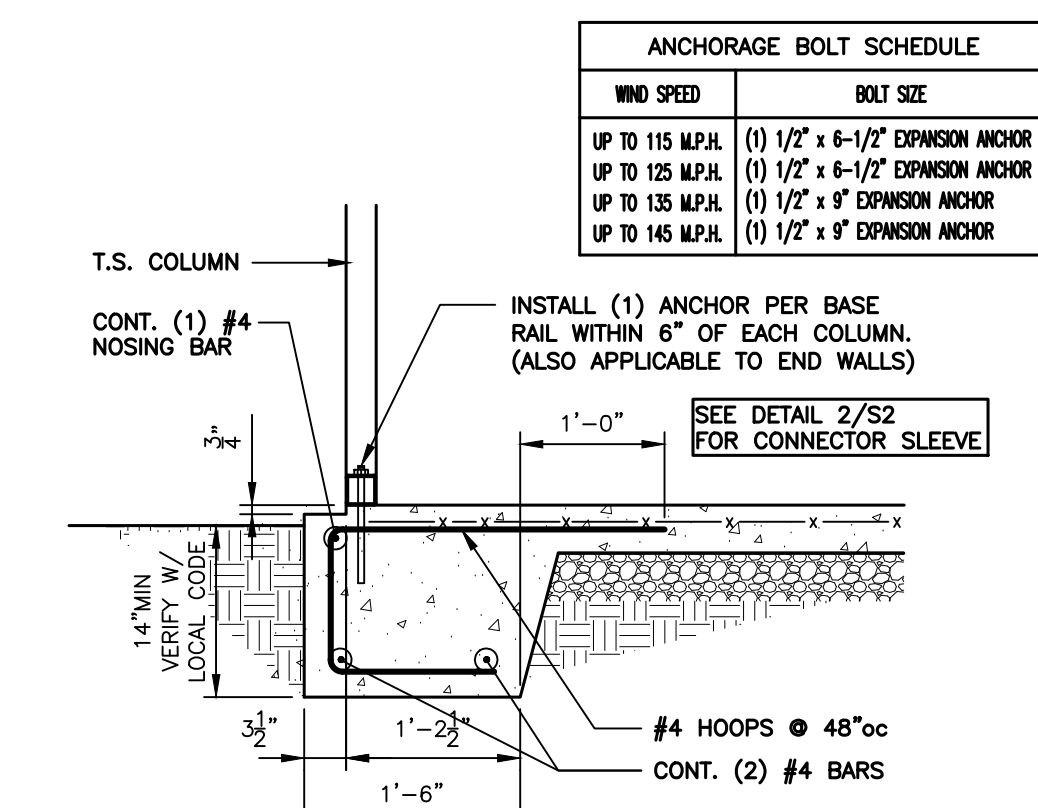


**3** END WALL COLUMN / BASE RAIL CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



**2** COLUMN / BASE RAIL CONNECTION DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

**1C** BASE RAIL ANCHORAGE DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

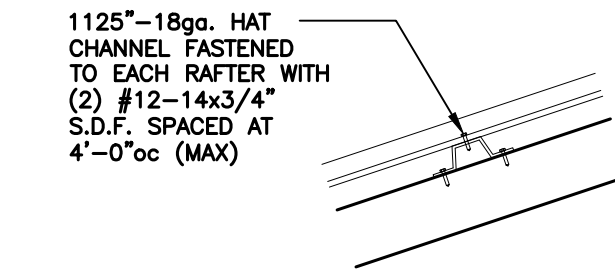


**1B** BASE RAIL ANCHORAGE DETAIL AT LEAN-TO  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

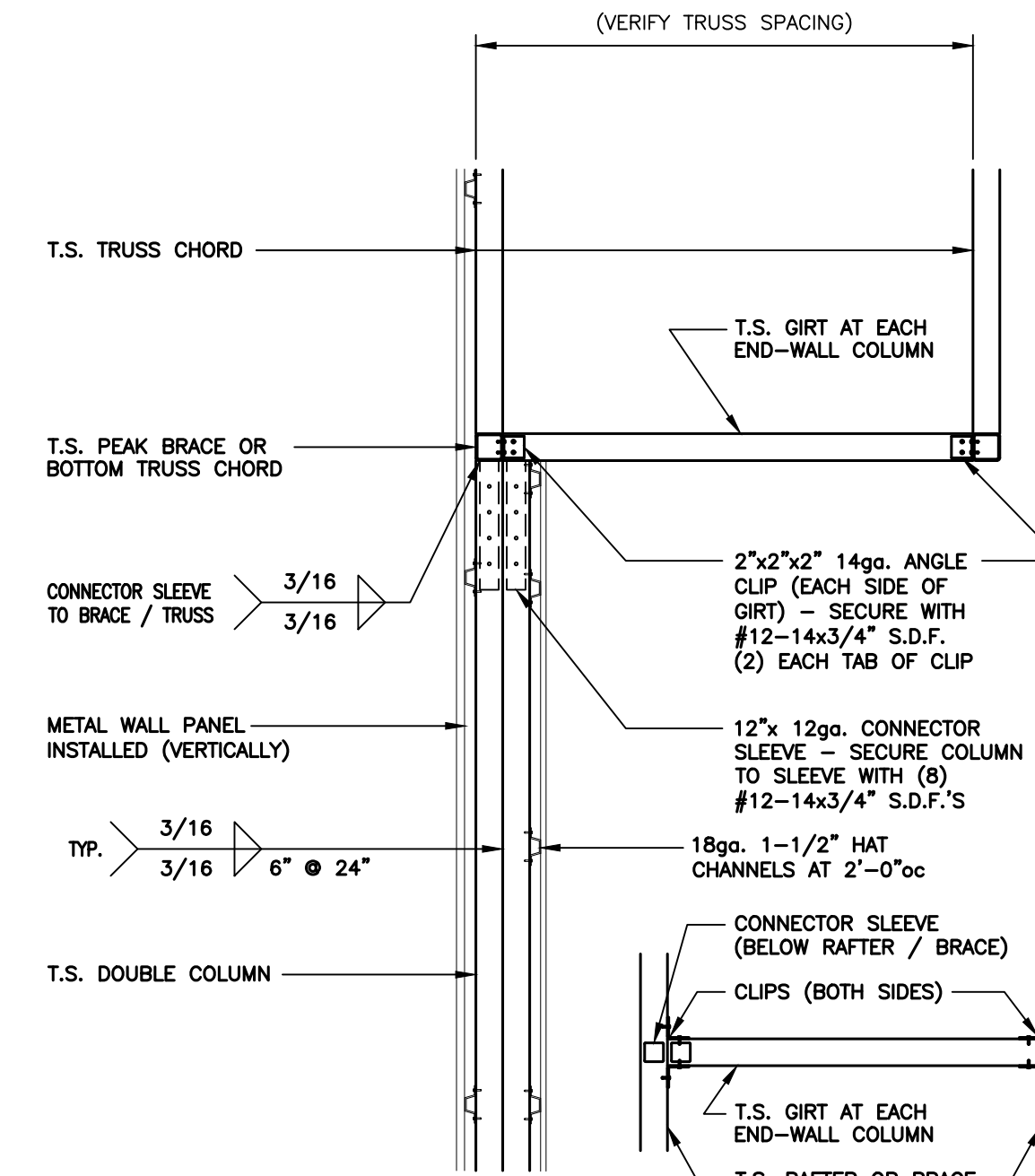
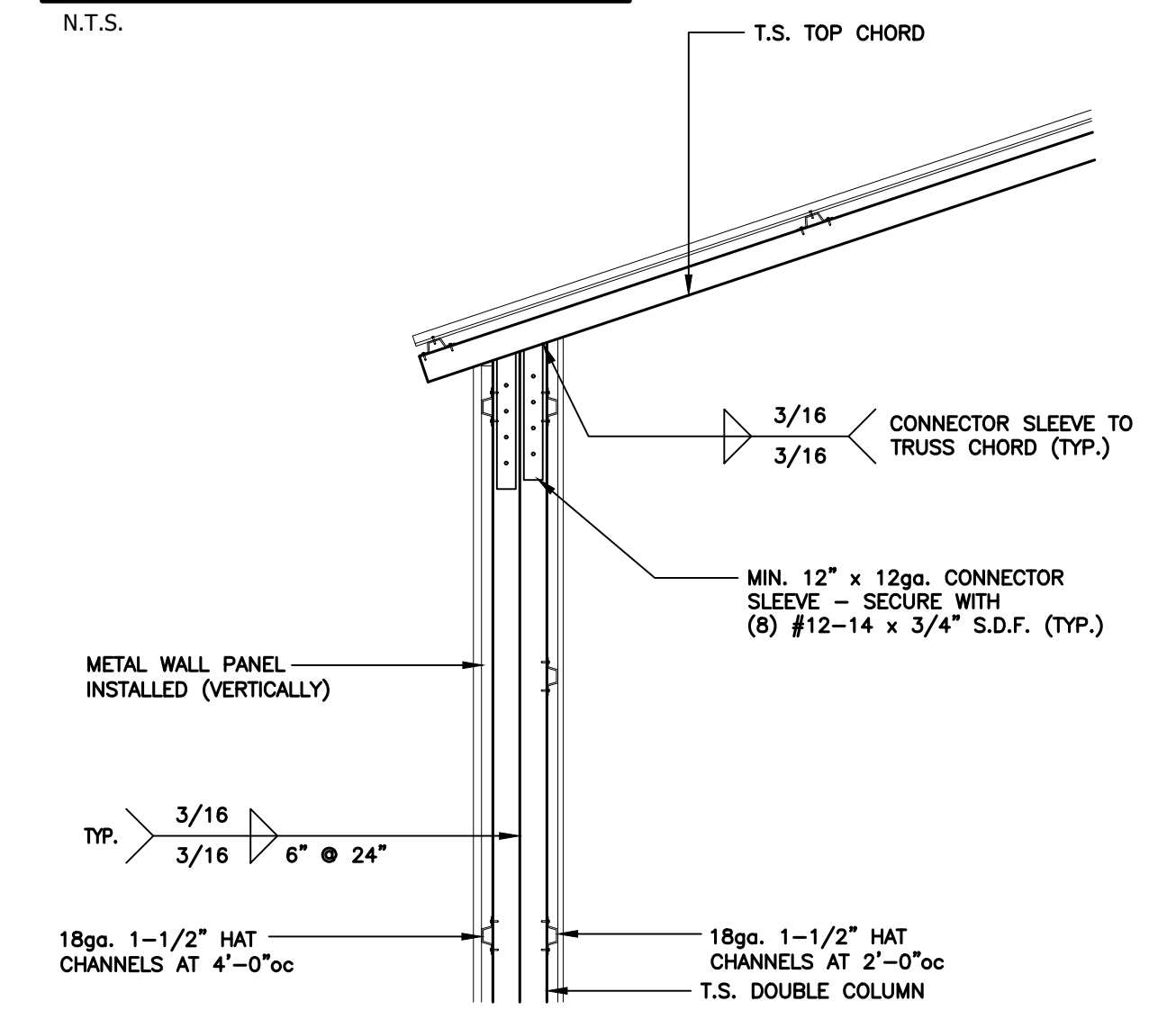
**1A** BASE RAIL ANCHORAGE DETAIL  
 S2 SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

THIS DETAIL WAS NOT USED

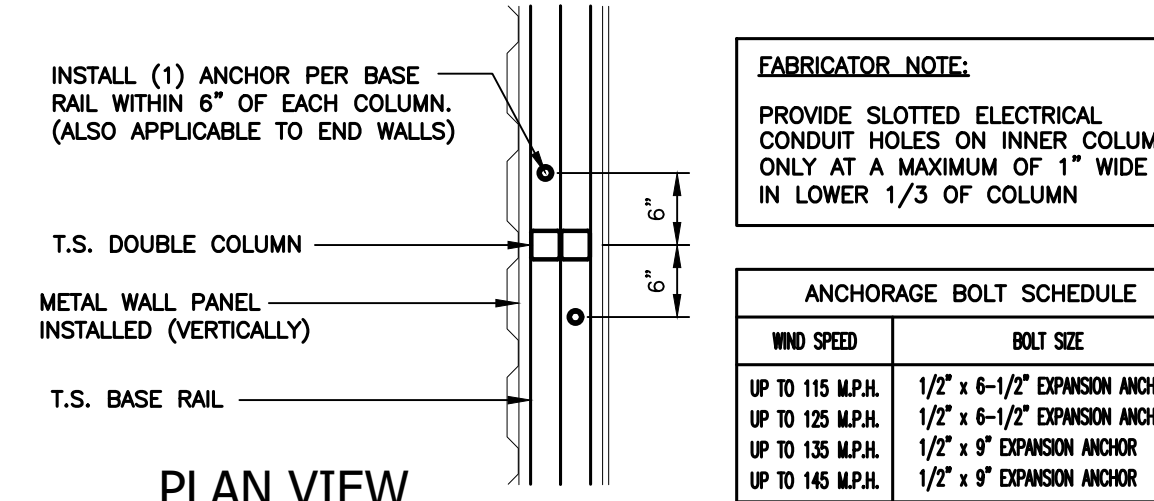
	<b>FiveNTwo Food Pantry</b> 17246 NC Hwy 27 Sanford, NC 27332	
	Date: 08/08/25	<b>JCMT Associates, PLLC</b> 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277
Revisions: --/--		Date: 08/18/2025



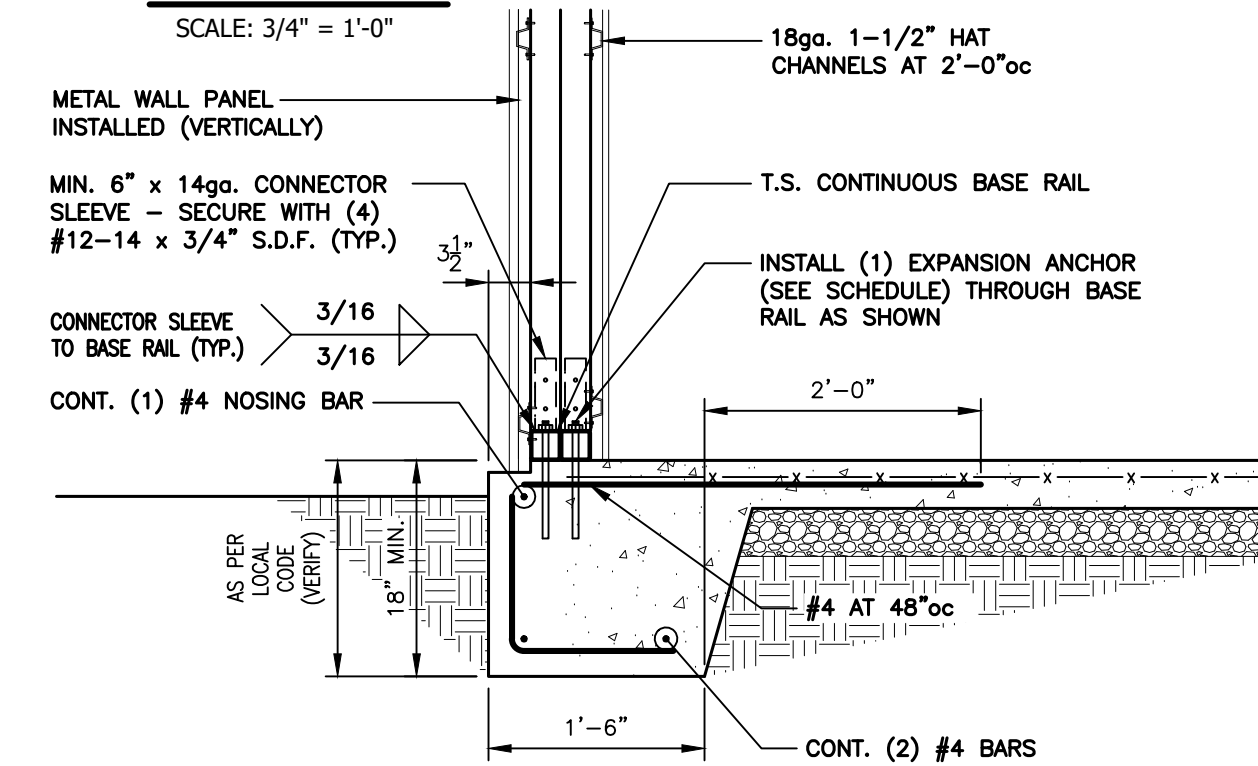
**ROOF PANEL ATTACHMENT**



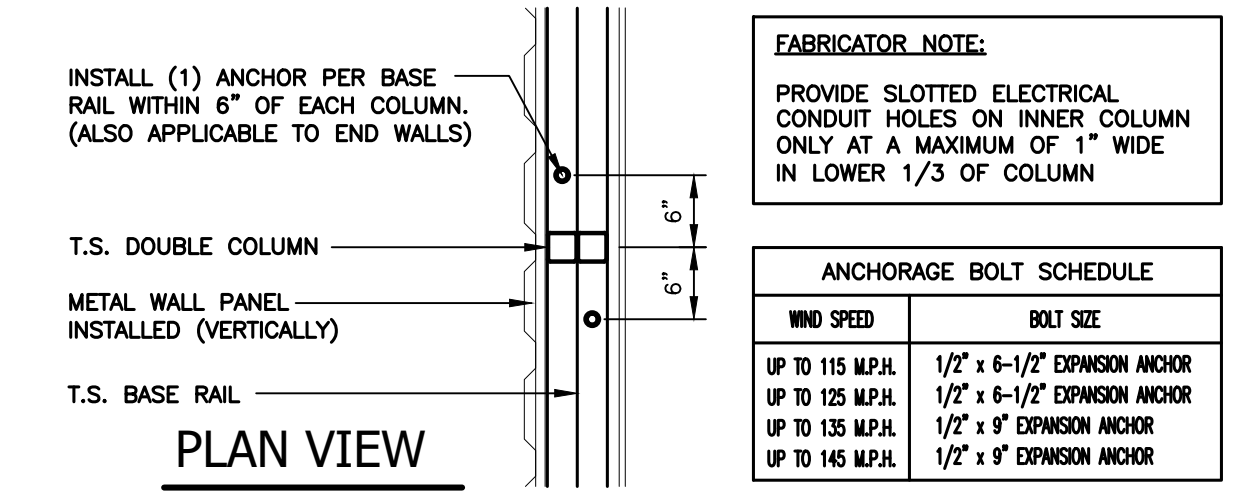
**TOP VIEW**



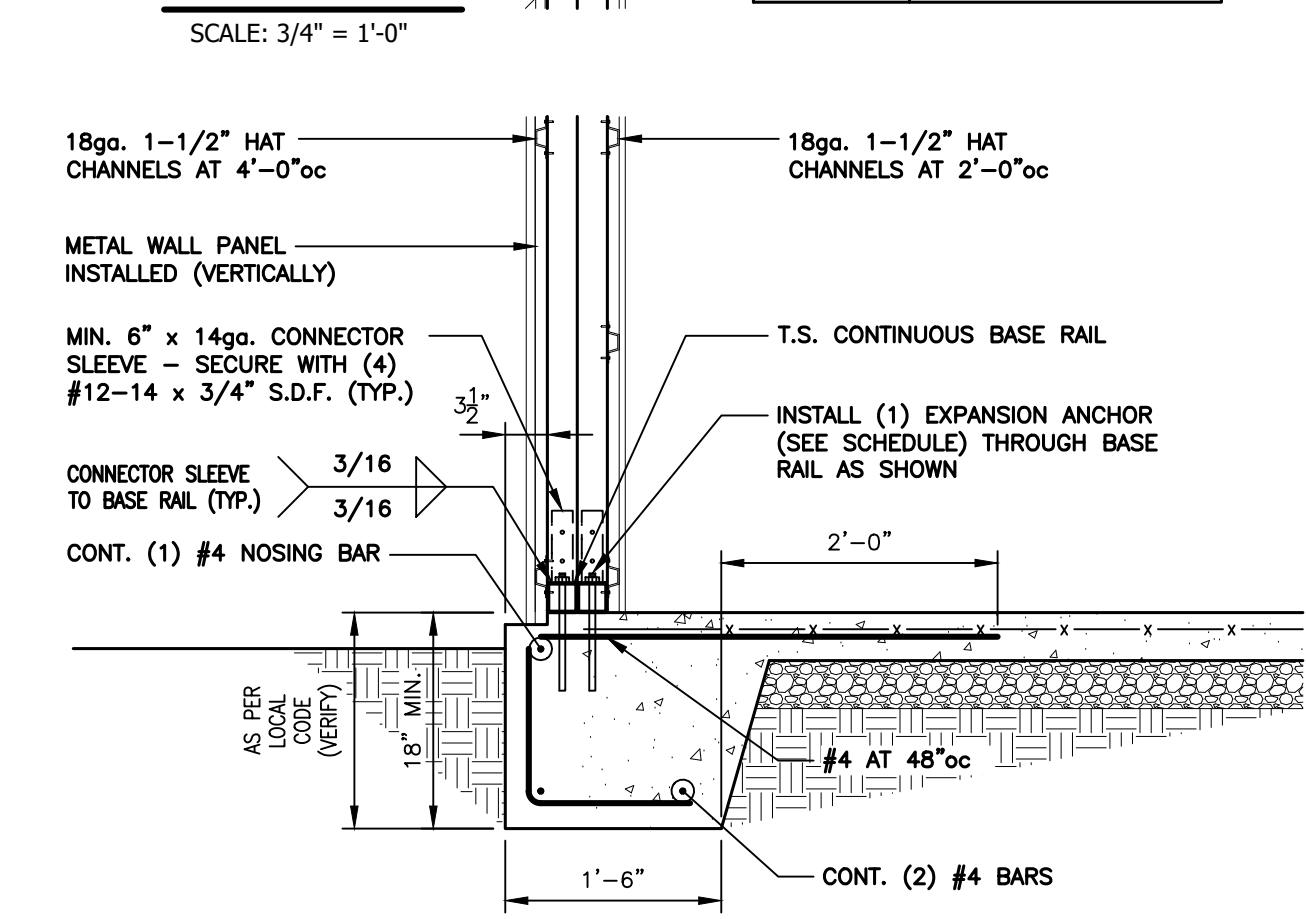
**PLAN VIEW**



**2 SIDE POST WALL SECTION DETAIL**  
SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.



**PLAN VIEW**

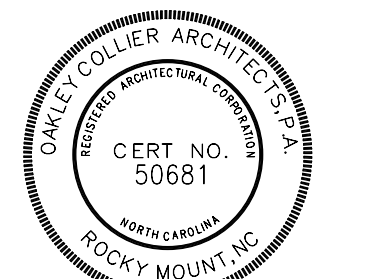


**1 MAIN COLUMN WALL SECTION DETAIL**  
SCALE: 3/4" = 1'-0" NOTE: ALL TUBE STEEL SHALL BE 12ga.

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	Date: 08/08/25 Revisions: --/--	<b>JCMT Associates, PLLC</b> 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277

# NEW CONSTRUCTION FOR: 5N2 FOOD PANTRY

17247 NC W.  
SANFORD, NC 27332



GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	GO.1
Checked By	
DG	
	Sheet Title
	COVERSHEET

## ABBREVIATIONS

@ ACC	ACCENT COLOR	ELEV	ELEVATION	MTL	METAL WALK-OFF MAT	SSG	STRUCTURAL SILICON
ACOUS	ACOUSTIC	EN	ENAMEL	MWM	MARBLE WALL TILE	SSM	GLAZING
ACT	ACOUSTICAL CEILING TILE	EPT	HIGH PERFORMANCE EPOXY PAINT	MWT		ST	SOLID SURFACE
ACW	ACOUSTICAL WALL PANELS	EQ	EQUAL	N/A	NOT APPLICABLE	ST&R	STEEL
AD	AREA DRAIN	ES	EXPOSED STRUCTURE	NIC	NOT IN CONTRACT	STD	STAIR TREADS AND RISERS
ADJ	ADJUSTABLE	EST	EXISTING	NOM	NORMAL	ST	STANDARD
AE	APPROVED EQUAL	EXP	EXPOSED CEILING	OC	ON CENTER	SUSP	SUSPENDED
AFF	ABOVE FINISH FLOOR	EXT	EXTERIOR	OD	OUTSIDE DIAMETER	T&G	TONGUE AND GROOVE
AFL	ATHLETIC FLOORING	EW	EACH WAY	OC	OWNER FURNISHED	TB	TILE BASE
AHU	AIR HANDLING UNIT	EW	ELECTRIC WATER COOLER	OC	OWNER FURNISHED	TC	TERRA COTTA
ALUM	ALUMINUM	EW		OC	CONTRACTOR INSTALLED	TCA	TILE COUNCIL OF AMERICA
ANOD	ANODIZED	FC	FIRECODE	OFOI	OWNER FURNISHED	TELE	TELEPHONE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	FD	FLOOR DRAIN	OPP	OPPOSITE	TEMP	TEMPERED
ATTEN	ATTENUATION	FE	FIRE EXTINGUISHER (SURFACE MOUNTED)	OSC	OVERFLOW SCUPPER	TEXT	TEXTURED
AWP	ACRYLIC WALL PANELS	FE	FIRE EXTINGUISHER (SEMI-RECESSED)	OZ	OUNCE	TFT	TERRAZZO FLOOR TILE
BBT	BIODEgradable TILE	FEC	FIRE EXTINGUISHER (SEMI-RECESSED)	P	PAINT	TOC	TOP OF CURB
BF	BLOCK FILL	FF	FINISH FLOOR	P	PAINT	TOS	TOP OF STEEL
BFC	BROOMED FINISHED CONCRETE	FH	FIRE HYDRANT	PC	POLISHED CONCRETE	TP	TELEPHONE POLE
BL	BLINDS	FLU	FLOURESCENT	PERF	PERFORATED	TS	TRANSITION STRIP
BLDG	BUILDING	FOF	FACE OF FRAME	PFT	PORCELAIN FLOOR TILE	TV	TELEVISION
BLKG	BLOCKING	FOM	FACE OF MASONRY	PV	POST INDICATOR VALVE	TVB	TELEVISION MOUNTING BRACKET
BOT	BOTTOM	FT	FLOOR TILE	PL	PLATE	TYP	TYPICAL
BPG	BULLET PROOF GLASS	FTG	FOOTING	P-LAM	PLASTIC LAMINATE	UL	UNDERWRITERS LABORATORY
CB	CATCH BASIN	FV	FLOOR VENT	P-LAM WD	PLASTIC LAMINATE WOOD DOORS	UL	UNLESS NOTED OTHERWISE
CEM	CEMENTIOUS SIDING	GA	GAGE	PLYWD	PLYWOOD	UL	UNLESS NOTED OTHERWISE
CF	CORK FLOORING	GALV	GALVANIZED	PNT	PAINT	UNO	UNLESS NOTED OTHERWISE
CFT	CERAMIC FLOOR TILE	GC	GENERAL CONTRACTOR	POLYETH	POLYETHYLENE	VACT	VINYL ACOUSTICAL TILE
CG	CURVED CEILING GRID	GC	GRANITE COUNTERTOP	PP	POWER POLE	VB	VAPOR BARRIER
CI	CAST IRON	GEN	GENERATOR	PR	PAIR	VCT	VINYL COMPOSITION TILE
CIB	CURB INLET	GFT	GRANITE FLOOR TILE	PTB	PORCELAIN TILE BASE	VERT	VERTICAL
CJ	CONTROL JOINT	GL	GLASS	PTD	PAINTED	VIF	VERIFY IN FIELD
CL	CENTERLINE	GMT	GLASS MOSAIC TILE	PTP	PLASTIC TOILET	VWC	VINYL WALL COVERING
CLG	CEILING	GROU	GROUT	PRT	PARTITIONS	WI	WITH
CLR	CLEAR	GWB	GYPSUM WALL BOARD	PWT	PORCELAIN WALL TILE	WC	WATER CLOSET
CMU	CONCRETE MASONRY UNIT	GYP	GYPSUM BOARD	PVC	POLYVINYL CHLORIDE	WD	WOOD
CO	CLEAN OUT	HB	HOSE BIB	QS	QUARTZ SURFACE	WF	WOOD FLOORING
COL	COLLIMN	HC	HOLLOW CORE	QT	QUARRY TILE	WT	WALL TILE
CONC	CONCRETE	HDC	HANDICAP	QT	QUARTZ TILE	WT*	WALL TILE - SEE ELEVATION
CONSTR	CONSTRUCTION	HDWD	HARDWOOD	R	RADIUS	WWF	WELDED WIRE FABRIC
CONTR	CONTRACTOR	HM	HOLLOW METAL	R&S	ROD AND SHELF	WWW	WELDED WIRE MESH
CORR	CORRUGATED	HR	HORIZONTAL	RB	RESILIENT BASE		
CPT	CARPET	HR	HOUR	RBT	RUBBER TILE		
CPTT	CARPET TILE	HR	HOUR	RCP	REINFORCED CONCRETE		
CR	CORRUGATED CHANNEL	ID	INSIDE DIAMETER	RDL	ROOF DRAIN		
CRF	CORK RUBBER FLOORING	IMP	INSULATED METAL PANEL	RDL	ROOF DRAIN LEADER		
CSC	COUNTERSUNK	INSAL	INSTALLATION	RECP	RECEPTACLE		
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED CERAMIC TILE BASE	INSUL	INSULATION	RECIF	RECYCLED FLOORING		
CTB	CURTAINWALL	INT	INTERIOR	REQD	REQUIRED		
CW	CURTAINWALL	INV	INVERT	RES	RESILIENT		
CWT	CERAMIC WALL TILE	JB	JOIST BEARING	RM	RUBBER MAT		
D	DRY FOG PAINT	JB#	JOINT BEARING	RO	ROUGH OPENING		
DIA	DIAMETER	JT	JOINT	ROW	RIGHT OF WAY		
DISP	DISPENSER	L	LONG	RSF	RESINOUS FLOORING		
DN	DOWN	LFT	LINOLEUM FLOOR TILE	RTF	RESILIENT TILE FLOORING		
DP	DEEP	LP	LIGHT POLE	SAT	SPRAYED ACOUSTICAL TREATMENT		
DR	DOOR	LST	LINOLEUM SHEET FLOORING	SAT	SEALED CONCRETE SCHEDULE		
DS	DOWNSPOUT	LVS	LEAVES (DOOR)	SCW	SOLID CORE WOOD		
DTL	DETAIL	LVT	LUXURY VINYL TILE	SDT	STATIC DISSIPATIVE TILE		
EDG	EDGE BANDING	MATL	MATERIAL	SP	STOREFRONT SHEATHING		
EES	EMERGENCY EYE WASH AND SHOWER	MAX	MAXIMUM	SIM	SIMILAR		
EFC	EPOXY FLOOR COATING	MB	MASONRY - BRICK	SP	SPACES		
EIFS	EXTERIOR INSULATION FINISH SYSTEM	MBL	MARBLE	SO	SQUARE		
EIP	EXISTING IRON PIPE	MC	METAL CANOPY	SOFT	SQUARE FEET		
EJ	EXPANSION JOINT	MCT	METAL CEILING TILE	SRT	SLIP RESISTANT TILE		
		MECH	MECHANICAL	SS	STAINLESS STEEL		
		MFR	MANUFACTURER	SSC	STAINED SEALED CONCRETE		
		MFT	MARBLE FLOOR TILE				
		MIN	MINIMUM				
		MO	MASONRY OPENING				
		MTB	MARBLE TILE BASE				
		MTD	MOUNTED				

## SYMBOL LEGEND

**DRAWING TITLE**  
DRAWING NO. **00** **VIEW NAME**  
SHEET NO. **A0.00** 1/8" = 1'-0" SCALE

**SECTION MARK**  
DETAIL NO. **S3** **WALL / DETAIL**  
SHEET NO. **A0.00**

**CALLOUT DETAIL MARK**  
DETAIL NO. **1**  
SHEET NO. **A0.00**

**EXTERIOR ELEVATION MARK**  
DETAIL NO. **A101**  
SHEET NO. **A0.00**

**INTERIOR ELEVATION MARK**  
DETAIL NO. **A12**  
SHEET NO. **A0.00**

**ROOM MARK**  
ROOM NAME **101A** ROOM NO. **101A**  
150 SF (1.5 Occupancy Type) OCCUPANCY INFO. **101A**  
## PERSONS **101A** (LIFE SAFETY SHEETS)

**WALL MARK**  
**S3** \* INDICATES FINISH TO STOP ABOVE CEILING  
**1R-1999** IF FIRE RATED, HOUR RATING - UL ASSEMBLY #

**WINDOW MARK**  
**XXX**

**ASSEMBLED GLASS ELEVATION**  
**SF99**

**CEILING MARK**  
**A 15' 6-5/8"** **A 15' 6-5/8"**  
#R - UL#

**GLASS TYPE MARK**  
**(GU-99)**

**DOOR MARK**  
**000**

**MISC. MARK**  
**EHD**

**WINDOW MARK**  
**XXX**

**INTERIOR / EXTERIOR MATERIAL MARK**  
**INT-1 EXT-1**

**CABINET MARK**  
**BH####**

**STEP MARK**  
**0"**

**DIMENSION STRING**  
1" INDICATES CENTERLINE

**ELEVATION VALUE**  
15'-4" AFF

**REFERENCE DESCRIPTION**  
AFF

**SPOT ELEVATION MARK**  
AFF

**REVISION MARK**  
**△**

**NORTH ARROW**  
**N**

## SHEET NAMING LEGEND

SECTION	DISCIPLINE	PAGE NUMBER
0 GENERAL PLANS	G COVER CODE SUMMARY	<b>A1.01</b>
1 EXTERIOR ELEVATIONS	G LIFE SAFETY	
2 BUILDING / WALL SECTIONS	CE CIVIL	
3 VERTICAL CIRCULATION DETAILS	L LANDSCAPE	
4 WINDOW & DOOR SCHEDULES	D STRUCTURAL	
5 INTERIOR ELEV / CASEWORK	A ARCHITECTURAL EQUIPMENT	
6	Q FIRE PROTECTION	
7	M PLUMBING	
	E MECHANICAL	
	FA ELECTRICAL	
	X FIRE ALARM	
	X MISCELLANEOUS	

APPLICABLE TO ARCHITECTURAL SHEETS ONLY

## VICINITY MAP



## CONSULTANTS

**PLUMBING, MECHANICAL, AND ELECTRICAL ENGINEERS: IMEG CORP.**

**CONTACT INFORMATION:**  
ADDRESS: 3221 Blue Ridge Road Suite 113 Raleigh, NC 27612  
PHONE: 919.571.1111

**IMEG**

# 2018 APPENDIX B BUILDING CODE SUMMARY

Name of Project: **SN2 FOOD PANTRY**  
 Address: **17247 NC 27 W SANFORD, NORTH CAROLINA** Zip Code: **27332**  
 Owner/Authorized Agent: **TIM JOHNSON - SN2 FOOD MINISTRIES INC.**  
 Phone # **910-303-7209** E-Mail: **DIRECTOR@FIVENTWOFOODPANTRY.COM**  
 Owned By:  City/County  Private  State  
 Code Enforcement Jurisdiction:  City  County **HARNETT**  State

CONTACT: **JOSEPH F. KLIMEK ARCHITECT**  
 DESIGNER FIRM NAME LICENSE# TELEPHONE# E-MAIL  
 Architectural **OAKLEY COLLIER ARCHITECTS** **JOSEPH F. KLIMEK** 13316 252-937-2500 JKLIKEK@OAKLEYCOLLIER.COM  
 Civil  
 Electrical **IMEG CORP.** **SUJIN PRAMOJANEY** 027479 919-571-1111 SUJIN.PRAMOJANEY@IMEG.CORP.COM  
 Fire Alarm  
 Plumbing **IMEG CORP.** **PATRICK J. MCCABE** 051195 919-571-1111 PATRICK.J.MCCABE@IMEG.CORP.COM  
 Mechanical **IMEG CORP.** **PATRICK J. MCCABE** 051195 919-571-1111 PATRICK.J.MCCABE@IMEG.CORP.COM  
 Sprinkler-Standpipe  
 Structural  
 Retaining Walls >5' High  
 Other

(\*Other\* should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:  New Building  Addition  Renovation  
 1st Time Interior Completion  
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements  
 Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: Existing  Prescriptive  Repair  Chapter 14  
 Alteration  Level I  Level II  Level III  
 Historic Property  Change of Use

CONSTRUCTED: (date) **N/A** CURRENT OCCUPANCY(S) (Ch.3): **N/A**  
 RENOVATED: (date) **N/A** PROPOSED OCCUPANCY(S) (Ch.3): **F-1**  
 Risk Category (Table 1604.5): Current:  I  II  III  IV  
 Proposed:  I  II  III  IV

### BASIC BUILDING DATA

Construction Type:  I-A  II-A  III-A  IV  V-A  
 I-B  II-B  III-B  V-B  
 Sprinklers:  No  Partial  Yes  NFPA 13  NFPA 13R  NFPA 13D  
 Standpipes:  No  Yes Class  I  II  III  Wet  Dry  
 Fire District:  No  Yes Flood Hazard Area:  No  Yes  
 Special Inspections Required:  No  Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

### GROSS BUILDING AREA TABLE

FLOOR	EXISTING (SQ FT)	ADDITION (SQ FT)	SUB-TOTAL
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
1st Floor		1,991	1,991
Basement			
<b>TOTAL</b>		1,991	1,991

### ALLOWABLE AREA

Primary Occupancy Classification(s):  
 Assembly  A-1  A-2  A-3  A-4  A-5  
 Business   
 Educational   
 Factory  F-1 Moderate  F-2 Low  
 Hazardous  H-1 Detonate  H-2 Deflagrate  H-3 Combust  H-4 Health  H-5 HPM  
 Institutional  I-1 Condition  I-2  I-3  I-4  
 I-2 Condition  I-1  I-2  I-3  I-4  
 I-3 Condition  I-1  I-2  I-3  I-4  
 I-4  
 Mercantile   
 Residential  R-1  R-2  R-3  R-4  
 Storage  S-1 Moderate  S-2 Low  High-piled  
 Parking Garage  Open  Enclosed  Repair Garage  
 Utility and Miscellaneous

Accessory Occupancy Classification(s): **N/A**  
 Incidental Uses (Table 509): **N/A**  
 Special Uses (Chapter 4 - List Code Sections): **N/A**  
 Special Provisions: (Chapter 5 - List Code Sections): **N/A**  
 Mixed Occupancy:  No  Yes Separation: **0** Hr. Exception:  
 Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.  
 Separated Use (508.4) - See below for area calculations for each story. The area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1:

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$+ \dots = \dots \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA*	(C) AREA FOR FRONTAGE INCREASE†	(D) ALLOWABLE AREA PER STORY OR UNLIMITED‡
1	F-1	1,991	8,500	N/A	8,500

- Frontage area increases from Section 506.3 are computed thus:  
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = **N/A** (F)  
 b. Total Building Perimeter = **N/A** (P).  
 c. Ratio (F/P) = **N/A** (F/P)  
 d. W = Minimum width of public way = **N/A** (W)  
 e. Percent of frontage increase  $f = 100(F/P) \times W/30 =$  **N/A** (%).  
 2. Unlimited area applicable under conditions of Section 507.  
 3. Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).  
 4. The maximum area of open parking garages must comply with Table 406.5.4.  
 5. Frontage increase is based on the unspinklered area value in Table 506.2.

### ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40 FT.	14 FT.	504.3
Building Height in Stories (Table 504.4) 3	1	1	504.4

- Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
- The maximum height of air traffic towers must comply with Table 412.3.1.
- The maximum height of open parking garages must comply with Table 406.5.4.

### FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQD	RATING			DETAIL# AND SHEET#	DESIGN# FOR RATED ASSEMBLY	SHEET# FOR RATED PENETRATION	SHEET# FOR RATED JOINTS
			PROVIDED (W/ REDUCTION)	UNEX	UNEX				
Structural Frame, including columns, girders, trusses	>30	0	0		N/A	N/A	N/A	N/A	
Exterior Bearing Walls									
North	>30	-	-	-	-	-	-	-	
East	>30	-	-	-	-	-	-	-	
West	>30	-	-	-	-	-	-	-	
South	>30	-	-	-	-	-	-	-	
Interior Bearing Walls									
Exterior Non-bearing Walls and Partitions									
North	>30	-	-	-	-	-	-	-	
East	>30	-	-	-	-	-	-	-	
West	>30	-	-	-	-	-	-	-	
South	>30	-	-	-	-	-	-	-	
Interior Non-bearing Walls and Partitions									
Floor Construction, Including Supporting Beams and Joists									
Floor Ceiling Assembly									
Columns Supporting Floors									
Roof Construction, Including Supporting Beams and Joists									
Roof Ceiling Assembly									
Columns Supporting Roof									
Shaft Enclosures - Exit									
Shaft Enclosures - Other									
Corridor Separation									
Occupancy/Fire Barrier Separation									
Party/Fire Wall Separation									
Smoke Barrier Separation									
Smoke Partition									
Tenant/Dwelling Unit/Sleeping Unit Separation									
Incidental Use Separation									

\* Indicates section number permitting reduction.

### PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
30 OR GREATER	UP, NS	NO LIMIT	N/A

### LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting:  No  Yes  
 Exit Signs:  No  Yes  
 Fire Alarm:  No  Yes  
 Smoke Detection Systems:  No  Yes  Partial  
 Carbon Monoxide Detection:  No  Yes

### LIFE SAFETY PLAN REQUIREMENTS

- Life Safety Plan Sheet #: **G02**
- Fire and/or smoke rated wall locations (Chapter 7).
  - Assumed and real property line locations (if not on the site plan).
  - Exterior wall opening area with respect to distance to assumed property lines (705.8).
  - Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2).
  - Occupant loads for each area.
  - Exit access travel distances (1017).
  - Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1)).
  - Dead end lengths (1020.4).
  - Clear exit widths for each exit door.
  - Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3).
  - Actual occupant load for each exit door.
  - A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation.
  - Location of doors with panic hardware (1010.1.10).
  - Location of doors with delayed egress locks and the amount of delay (1010.1.9.7).
  - Location of doors with electromagnetic egress locks (1010.1.9.9).
  - Location of doors equipped with hold-open devices.
  - Location of emergency escape windows (1030).
  - The square footage of each fire area (202).
  - The square footage of each smoke compartment for Occupancy Classification I-2 (407.5).
  - Code exceptions or table notes that may have been utilized regarding the items above.

### ACCESSIBLE DWELLING UNITS

(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

### ACCESSIBLE PARKING

(SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED				TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	12' ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE		
	##	##	##	##	##	##	###
<b>TOTAL</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>##</b>	<b>###</b>

### PLUMBING FIXTURE REQUIREMENTS

(TABLE 2902.1)

USE	WATER CLOSETS			URINALS	LAVATORIES			SHOWERS / TUBS	DRINKING FOUNTAINS	
	MALE	FEMALE	UNSEX		MALE	FEMALE	UNSEX		REGULAR	ACCESSIBLE
EXISTING	-	-	1	-	-	-	1	-	-	-
NEW	-	-	1	-	-	-	1	-	-	-
REQD	-	-	1	-	-	-	1	-	-	-

### SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

### ENERGY SUMMARY

ENERGY REQUIREMENTS:  
 The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code:  No  Yes (The remainder of this section is not applicable)

Exempt Building:  No  Yes (Provide code or statutory reference)

Climate Zone:  3A  4A  5A

Method of Compliance: Energy Code  Performance  Prescriptive  
 ASHRAE 90.1  Performance  Prescriptive  
 (If "Other" specify here)

### THERMAL ENVELOPE

(Prescriptive method only)

**Roof/Ceiling Assembly** (each assembly)  
 Description of assembly: **PRE-ENGINEERED METAL BUILDING (SEE PEMB DESIGN)**  
 U-Value of total assembly:  
 R-Value of insulation: **R-19 + R-11 LS**  
 Skylights in each assembly:  
 U-Value of skylight:  
 Total square footage of skylights in each assembly: **-**

**Exterior Walls** (each assembly)  
 Description of assembly: **PRE-ENGINEERED METAL BUILDING (SEE PEMB DESIGN)**  
 U-Value of total assembly:  
 R-Value of insulation: **R-0 + R-15 Rci**  
 Openings (windows or doors with glazing):  
 U-Value of assembly:  
 Solar heat gain coefficient:  
 Projection factor:  
 Door R-Values:  
**-**

**Walls below grade** (each assembly)  
 Description of assembly:  
 U-Value of total assembly:  
 R-Value of total assembly:  
**-**

**Floors over unconditioned space** (each assembly)  
 Description of assembly:  
 U-Value of total assembly:  
 R-Value of total assembly:  
**-**

**Floors slab on grade** (each assembly)  
 Description of assembly: **SLAB ON GRADE (PER PEMB DESIGN)**  
 U-Value of total assembly:  
 R-Value of insulation:  
 Horizontal/vertical requirement:  
 Slab heated:  
**-**

### STRUCTURAL DESIGN

DESIGN LOADS:  
 Importance Factors: Snow **N/A** (Is) Seismic **N/A** (Ie)  
 Live Loads: Roof **N/A** psf Mezzanine **N/A** psf Floor **N/A** psf  
 Ground Snow Load: **N/A** psf  
 Wind Load: Ultimate Wind Speed **N/A** mph (ASCE-7) Exposure Category **N/A**

SEISMIC DESIGN CATEGORY:  A  B  C  D  
 Provide the following Seismic Design Parameters:  
 Risk Category (Table 1604.5):  I  II  III  IV  
 Spectral Response Acceleration:  $S_s$  **N/A** %g  $S_1$  **N/A** %g  
 Site Classification (ASCE 7):  A  B  C  D  E  F  
 Data Source:  Field Test  Presumptive  Historical Data

Basic Structural System:  Bearing Wall  Dual w/Special Moment Frame  Building Frame  Dual w/Intermediate R/C or Special Steel  Moment Frame  Inverted Pendulum  Simplified  Equivalent Lateral Force  Dynamic  
 Architectural, Mechanical, Components anchored:  Yes  No

LATERAL DESIGN CONTROL:  Earthquake  Wind

SOIL BEARING CAPACITIES:  
 Field Test (provide copy of test report): **N/A** psf  
 Presumptive Bearing Capacity: **N/A** psf  
 Pile Size, Type, and Capacity: **N/A**

### MECHANICAL DESIGN

SEE SHEET **MO.1**  
 For detailed code compliance.

### MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

**Thermal Zone** **-**

**Exterior Design Conditions**  
 Winter dry bulb: **-**  
 Summer dry bulb: **-**  
 Relative humidity: **-**

**Interior Design Conditions**  
 Winter dry bulb: **-**  
 Summer dry bulb: **-**  
 Relative humidity: **-**

**Building Heating Load:** **-**  
**Building Cooling Load:** **-**

### Mechanical Spacing Conditioning System

Unitary  
 Description of unit: **-**  
 Heating efficiency: **-**  
 Cooling efficiency: **-**  
 Size category of unit: **-**

Boiler  
 Size category, if oversized, state reason: **-**

Chiller  
 Size category, if oversized, state reason: **-**

List equipment efficiencies: **-**

### ELECTRICAL DESIGN

SEE SHEET **E0.1**  
 For detailed code compliance.

### ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code:  Prescriptive  Performance  
 ASHRAE 90.1:  Prescriptive  Performance

**Lighting Schedule** (each fixture type)  
 Lamp type required in fixture: **-**  
 Number of lamps in fixture: **-**  
 Ballast type used in the fixture: **-**  
 Number of ballasts in fixture: **-**  
 Total wattage per fixture: **-**  
 Total interior wattage specified vs. allowed (whole building or space by space): **-**  
 Total exterior wattage specified vs. allowed: **-**

**Additional Efficiency Package Options**  
 (When using the 2018 NCECC; not required for ASHRAE 90.1)  
 C406.2 More Efficient HVAC Equipment Performance  
 C406.3 Reduced Lighting Power Density  
 C406.4 Enhanced Digital Lighting Controls  
 C406.5 On-Site Renewable Energy  
 C406.6 Dedicated Outdoor Air System  
 C406.7 Reduced Energy Use in Service Water Heating

### OCCUPANCY SCHEDULE

OCCUPANCY	FUNCTION	OCCUPANT			
		FAC TOR	TYPE	AREA	OCC. LOAD
LEVEL 01					
B	Business	100	GSF	138 SF	1.4
F-1	Warehouses, Repair Garages	500	GSF	1579 SF	3.2
S-1	Accessory Storage, Mech. Equip. Room	300	GSF	106 SF	0.4
LEVEL 01				1823 SF	4.9
GRAND TOTAL				1823 SF	4.9

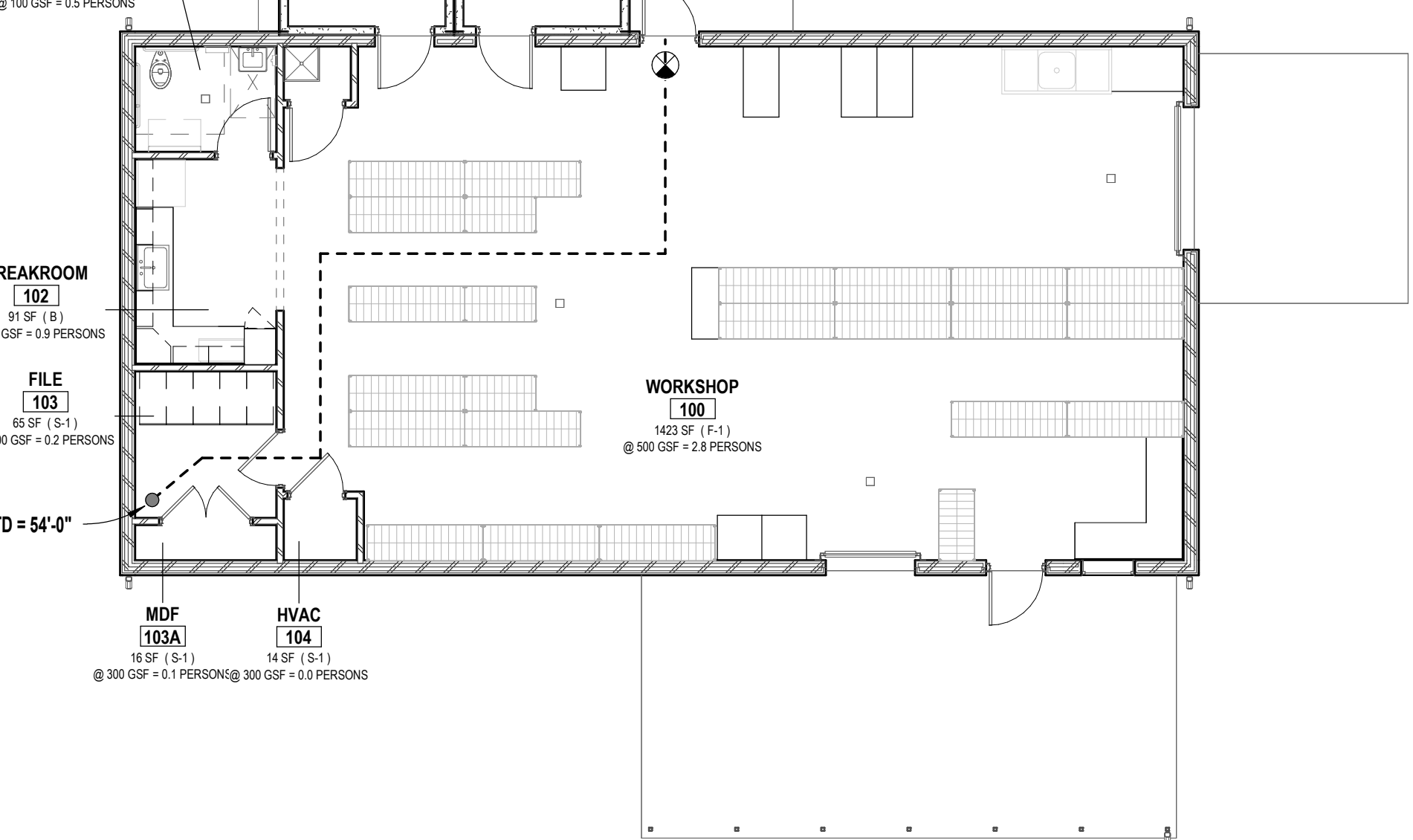
### LIFE SAFETY LEGEND

ROOM NAME (101A)  
 AREA (OCCUPANCY TYPE)  
 OCCUPANT LOAD (BUILDING)  
 OCCUPANT LOAD (EGRESS)

XX' DOOR / 0.2" XXX OCC. ALLOWED XXX ACTUAL  
 DOOR SIZE / DOOR CODE FACTOR  
 MAX EGRESS CAPACITY  
 ACTUAL EGRESS LOAD

FE FIRE EXTINGUISHER - SURFACE MOUNTED  
 EXIT SIGN - NOTE 1  
 EATD EGRESS TRAVEL DISTANCE

NOTES:  
 1. SEE ELECTRICAL PLANS FOR COMPLETE DESCRIPTION OF DEVICES AND ADDITIONAL DETAILS INCLUDING MOUNTING AND PLACEMENT.



**LIFE SAFETY PLAN**  
 1/8" = 1'-0"

OAKLEY COLLIER ARCHITECTS  
**OCA** ARCHITECTS  
 107 Candlewood Road, Rocky Mount, NC 27804 (P) 252-937-2500  
 205 W. Martin Street, Raleigh, NC 27601

NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
 5N2 FOOD PANTRY  
 17247 NC 27 W SANFORD, NC 27332



GENERAL NOTE:  
 Prior to construction start, Contractor shall verify & be responsible for all dimensions.

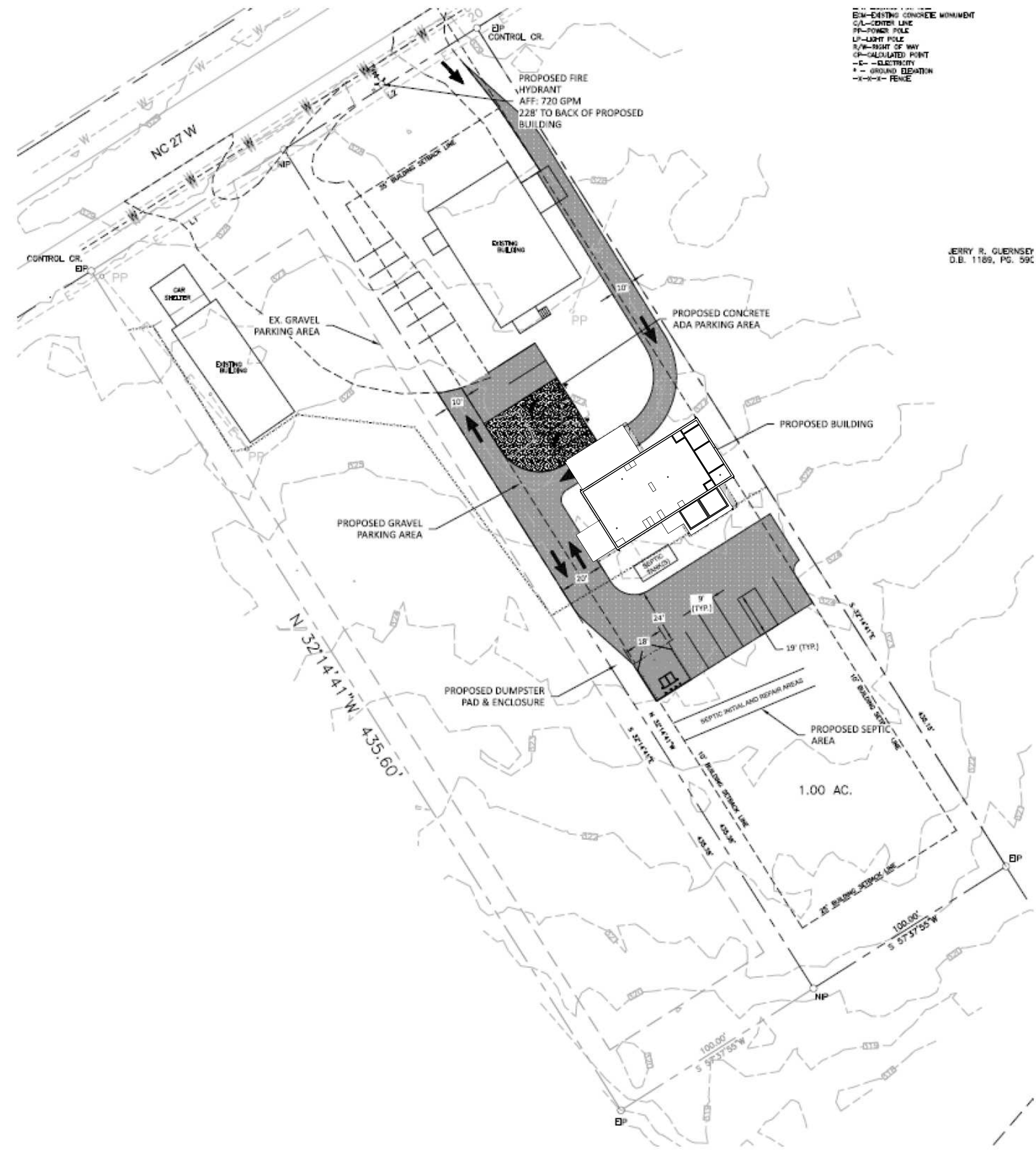
Date	Project No.
11/24/25	<b>25003</b>

Drawn By	Sheet No.
JK	<b>G0.2</b>

Checked By	Sheet Title
DG	<b>BUILDING CODE SUMMARY</b>

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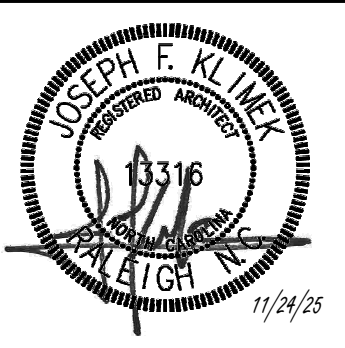
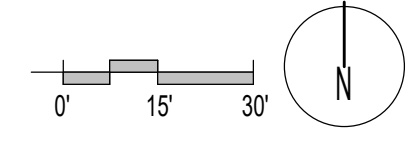


EM-EXISTING CONCRETE MONUMENT  
 CL-CENTER LINE  
 FP-POWER POLE  
 LP-LIGHT POLE  
 RW-RIGHT OF WAY  
 CP-CALCULATED POINT  
 E-ELECTRICITY  
 + - GROUND ELEVATION  
 -X-X- FENCE

JERRY R. GUERNSEY  
D.B. 1189, PG. 59C

1 SITE PLAN  
A1.0 1" = 30'-0"

\*SITE PLAN IS FOR REFERENCE ONLY AND WAS PROVIDED NOT BY THE ARCHITECT. CONTACT OWNER FOR ENGINEERED DOCUMENTATION OF SITE PLAN INFORMATION.



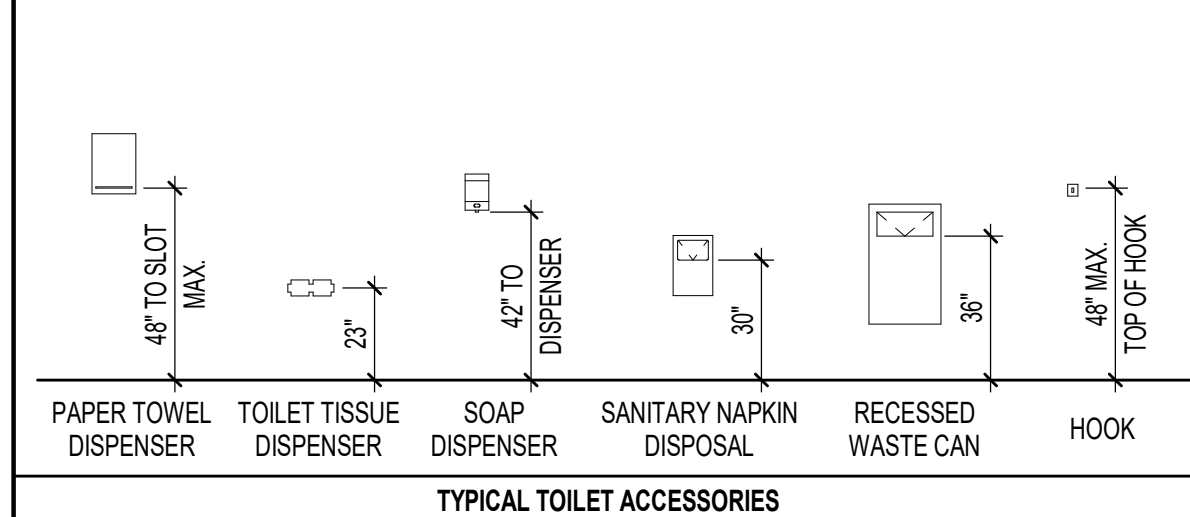
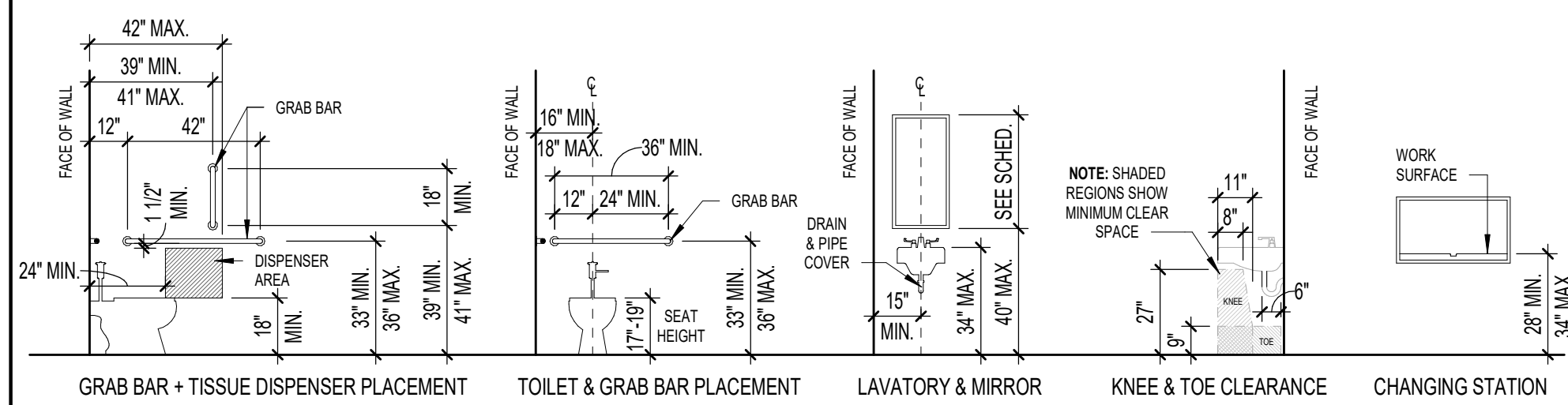
GENERAL NOTE:  
 Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions		
#	Description	Date

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A1.0
Checked By	
DG	

Sheet Title  
 ARCHITECTURAL SITE PLAN

### HC ACCESSORIES LEGEND

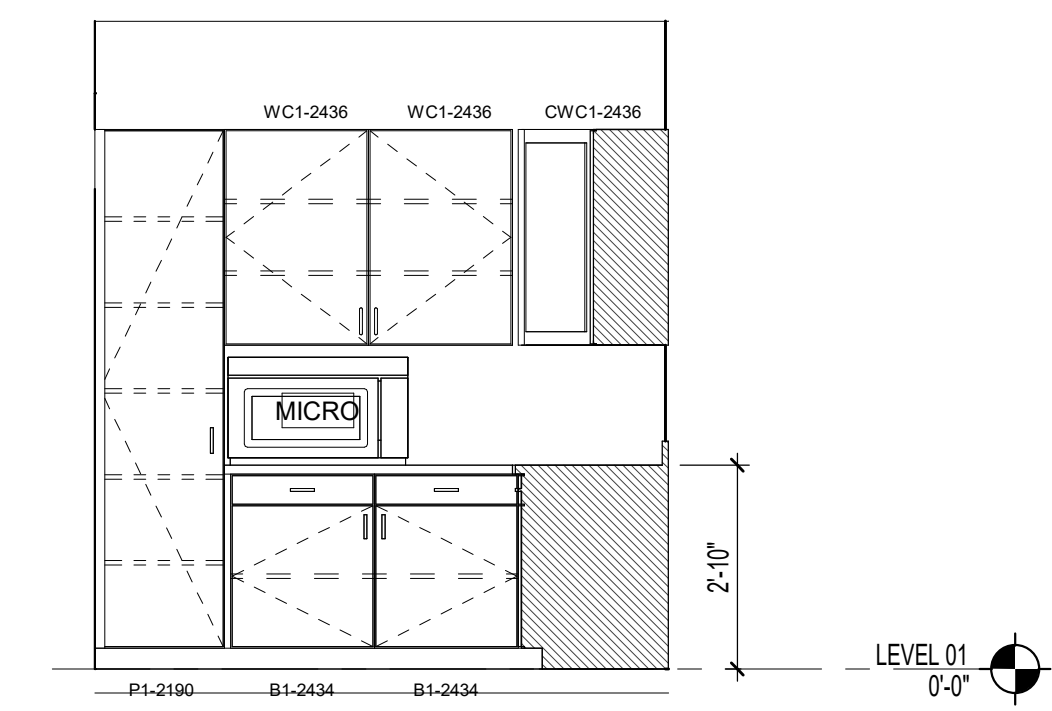


- NOTES**
- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY. SEE PLAN FOR ACTUAL LAYOUT AND SEE SCHEDULE & SPECS FOR FIXTURE INFORMATION.
  - PROVIDE ALL NECESSARY BLOCKING AND ANCHORS AS REQUIRED FOR PROPER INSTALLATION AND OPERATION OF ALL TOILET FIXTURES AND RELATED ACCESSORIES.
  - SEE PLUMBING SCHEDULE AND DETAILS FOR ALL FIXTURES AND MOUNTING HEIGHTS.
  - SEE FLOOR PLAN AND FINISH SCHEDULE FOR WALL FINISHES. COORDINATE INSTALLATION OF ALL ITEMS WITH SPECIFIC WALL TYPES AND FINISHES.
  - ALL TOILET ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS IN COMPLIANCE WITH ALL APPLICABLE CODES.
  - WHERE INDICATED AND AS REQUIRED, TOILET ACCESSORY INSTALLATION SHALL COMPLY WITH NC ACCESSIBILITY CODE.

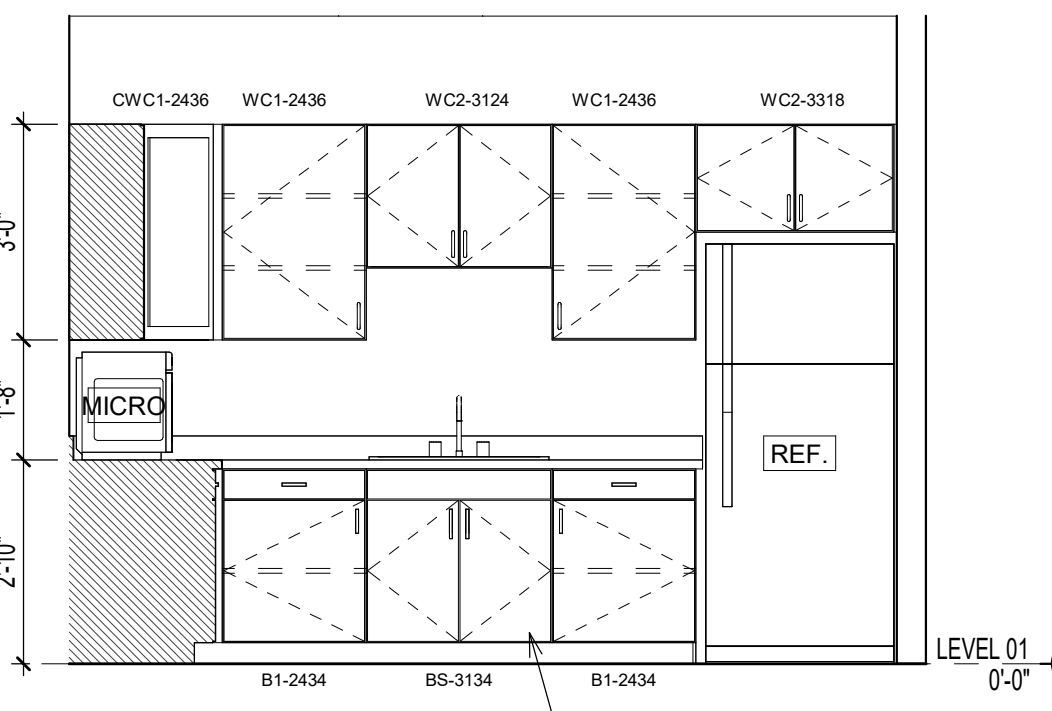
### TOILET ACCESSORIES SCHEDULE

TAG	DESCRIPTION	MANUF.	MODEL NO.	MOUNTING HEIGHT
T1	PAPER TOWEL DISPENSER	A.S.I.	20210	48" TO SLOT
T2	SURFACE MOUNTED SOAP DISPENSER	A.S.I.	9343	50 7/8" TO TOP
T3	STAINLESS STEEL FRAMED MIRROR	A.S.I.	20650	40" TO BOTTOM
T4	SINGLE ROLL TISSUE DISPENSER	A.S.I.	7305-S-R009	27" C.L.
T5	BABY CHANGING STATION	A.S.I.	9014	28" - 34" TO BOT.
GB36	1 1/2" DIA. X 36" S.S. GRAB BAR - PEENED	A.S.I.	3800-36P	34" C.L.
GB42	1 1/2" DIA. X 42" S.S. GRAB BAR - PEENED	A.S.I.	3800-42P	34" C.L.
GB18	1 1/2" DIA. X 18" S.S. (VERTICAL) GRAB BAR - PEENED	A.S.I.	3800-18P	39" TO BOTTOM

- ALL TOILET ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS IN COMPLIANCE WITH ALL APPLICABLE CODES.
- WHERE INDICATED AND AS REQUIRED, TOILET ACCESSORY INSTALLATION SHALL COMPLY WITH NC ACCESSIBILITY CODE.
- FURNISH AND INSTALL ALL NECESSARY FRAMING AND BLOCKING AS REQUIRED FOR PROPER INSTALLATION AND OPERATION OF ALL ACCESSORIES.
- MANUFACTURER AND MODEL NUMBERS INDICATED REPRESENT BASIS OF DESIGN. APPROVED EQUALS WILL BE ACCEPTED.



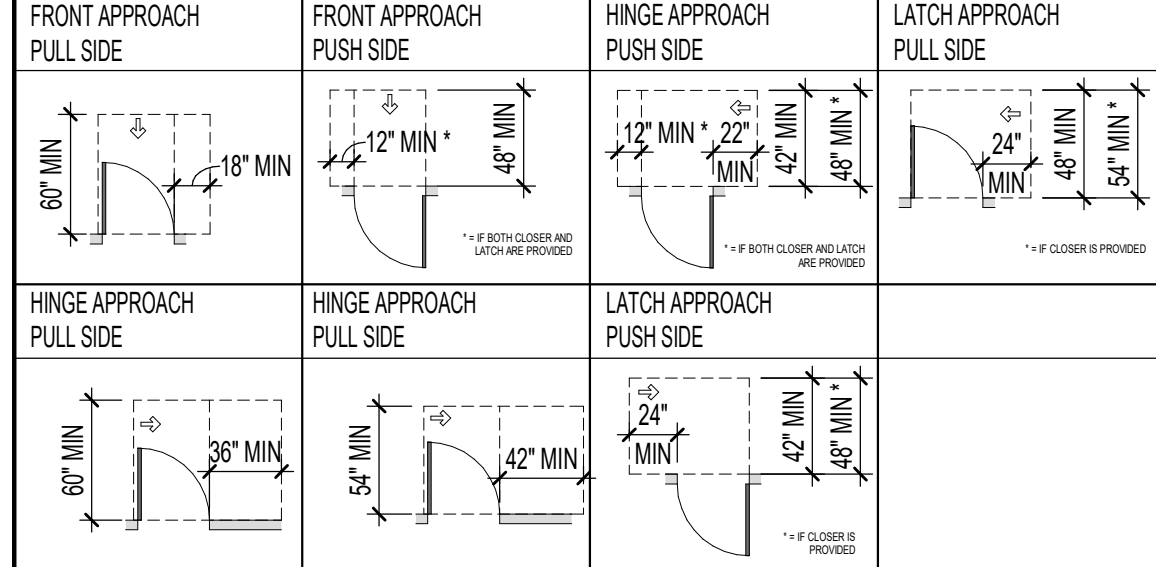
4 A1.1 Elevation 1 - d  
3/8" = 1'-0"



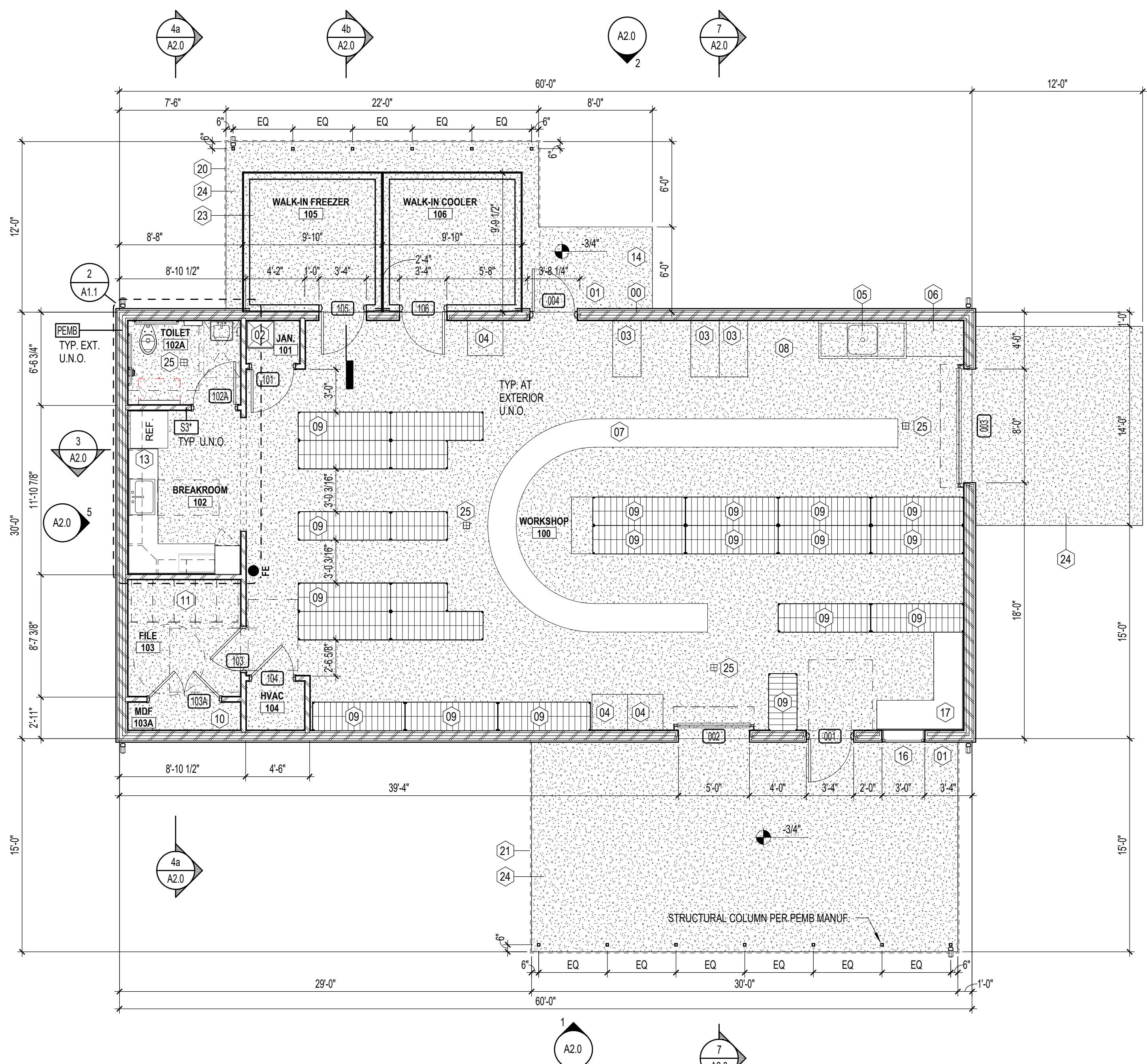
3 A1.1 Elevation 1 - a  
3/8" = 1'-0"

REMOVEABLE DRAWERS TO ALLOW FOR ACCESSIBLE FRONT APPROACH KNEE CLEARANCE PER NCBC 2018.

### DOOR CLEARANCE LEGEND



ROOM NO.	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILING	SIGNAGE	NOTES
				NORTH	EAST	SOUTH	WEST			
100	WORKSHOP	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
101	JAN.	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
102	BREAKROOM	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
102A	TOILET	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
103	FILE	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	ACT-1X		
103A	MDF	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
104	HVAC	SCC	WBR	PNT-1X	PNT-1X	PNT-1X	PNT-1X	OPEN		
105	WALK-IN FREEZER	SCC	*	*	*	*	*	*		PROPRIETARY FINISHES PER MANUF.
106	WALK-IN COOLER	SCC	*	*	*	*	*	*		PROPRIETARY FINISHES PER MANUF.



1 A1.1 FLOOR PLAN (OVERALL)  
3/16" = 1'-0"

### CASEWORK LEGEND

\*CASEWORK HEIGHT PER INTERIOR ELEVATION.

- TYPE DESCRIPTION**
- B1 BASE ONE DOOR (SWING)
  - B2 BASE TWO DOOR (SWING BOTTOM, PULL TOP)
  - B3 BASE SINK
  - BHC BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH
  - W1 WALL ONE DOOR (SWING)
  - W2 WALL TWO DOOR (SWING)
  - P1 PANTRY ONE COLUMN OF DOORS (SWING)
  - P2 PANTRY TWO COLUMN OF DOORS (SWING)

### CABINERY NOTES

- ALL CASEWORK IS 2'-0" DEEP UNLESS OTHERWISE NOTED.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE STANDARD "WIRE" DOOR AND DRAWER PULLS. TYPICAL.
- PROVIDE CONCEALED HINGES FOR ALL DOORS. TYPICAL.
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS.
- PROVIDE 3/4" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED. TYPICAL. PRE DRILL HOLES AT 1/4" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS.
- PROVIDE 3/4" THICK DRAWER AND DOOR FACES. TYPICAL.
- FIELD VERIFY ALL DIMENSIONS, SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINERY. TYPICAL.
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINERY AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION. TYPICAL.
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINERY. COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER.
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS.
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE.
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS. UNO.
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS. UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES.
- PROVIDE 5 ADJUSTABLE SHELVES IN PANTRY CABINETS. UNO.
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER.
- PROVIDE LOCKS ON CASEWORK WHERE NOTED IN ELEVATIONS.

### GENERAL NOTES

- DIMENSIONS ARE FROM:
  - A. EXTERIOR WALLS TO FACE OF CMU
  - B. EXTERIOR WALLS TO FACE OF STUD.
  - C. CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER. UNO.
  - D. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
  - E. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.
  - F. "4" DENOTES DIMENSION FROM FINISH.
  - G. "FF" DENOTES DIMENSION FROM FINISH TO FINISH.
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

### PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS. TYPICAL.
- ALL DRYWALL SHALL BE 5/8 IN. AND SHALL EXTEND 6 IN. MINIMUM ABOVE FINISH CEILING (U.N.O.).
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 4 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.

### FOUNDATION NOTES

- CLEAR ALL TOP SOIL, ROOTMATS, VEGETATION, DEBRIS, AND OTHER UNSUITABLE MATERIAL FROM CONSTRUCTION AREAS.
- ALL FOOTINGS SHALL BE INSPECTED AND APPROVED BY GOVERNING AGENCY PRIOR TO PLACING CONCRETE.
- PROVIDE A MINIMUM OF 4" #57 STONE FILL BELOW ALL SLABS ON GRADE. TYPICAL.
- PROVIDE REINFORCED MASTOP 11" VAPOR RETARDER BELOW ALL SLABS ON GRADE - 10 MIL MINIMUM. TYPICAL.
- SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS.
- SEE PLUMBING PLANS FOR LOCATIONS OF PIPING RUNS.
- TREAT SOIL UNDER SLAB WITH PROPER TERMITICIDE PROTECTION.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED. REFER TO SITE PLAN, BY OTHERS, FOR LOCATIONS OF SIDEWALKS, CURBS, ACCESSIBLE RAMPS AND ALL OTHER SITE RELATED WORK.

### FRAMING NOTES - METAL STUD

- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK.
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS. CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER.
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL.
- ALL INTERIOR WALLS SHALL BE 3 5/8" 14 GAGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS.
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 10D NAILS AT 12" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS.
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END.
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE.

### FINISH PLAN NOTES

- SEE INTERIOR ELEVATIONS FOR FULL EXTENT OF WALL FINISHES AS KEYED IN PLANS.
- VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
- TS - FURNISH AND INSTALL TRANSITION STRIP AT ALL FLOOR MATERIAL CHANGES AS SHOWN OR AS REQUIRED.
- HEIGHT AND PROFILE OF ALL TRANSITIONS STRIPS SHALL COMPLY WITH HANDICAP CODE.
- COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH NEW CONDITIONS. WHERE POSSIBLE, LOCATE TRANSITION STRIPS UNDER DOOR SLABS.
- COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

### FINISH PLANS LEGEND

#### SYMBOL LEGEND

S3" WALL TAG. SEE LEGEND (SHEET #####)

#### FINISH ABBREVIATIONS

- \*COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE
- |                              |                        |
|------------------------------|------------------------|
| CEILING FINISHES:            | WALL BASE FINISHES:    |
| ACT - ACUSTICAL CEILING TILE | WBR - RUBBER WALL BASE |
| WALL FINISHES:               | FLOOR FINISHES:        |
| PNT - PAINT                  | SCC - SEALED CONCRETE  |
| PNT-X - PAINT/ EPOXY TYPE    |                        |
| WT - WALL TILE               |                        |

### PLAN KEYNOTES

#	KEYNOTE
00	PRE-ENGINEERED METAL BUILDING SHELL; 2-1/4" TUBE STEEL AND METAL SIDING/ROOFING SHELL.
01	HOSE BIBB, COORDINATE W/ PLUMBING.
02	MOP SINK, COORDINATE W/ PLUMBING.
03	FREEZER CHEST TYPE 1; O.S.C.I.
04	FREEZER CHEST TYPE 2; O.S.C.I.
05	12"x12" SINK W/ OVERHEAD SPRAYER.
06	36"x24" FLATBED WEIGHT SCALE
07	EXPANDABLE CONVEYER ROLLER TABLE SYSTEM; O.S.C.I.
08	CLEAR FLOORSPACE FOR CARDBOARD BOX STORAGE DEMARKED ON FLOORING WITH TAPE.
09	STORAGE SHELVING; O.S.C.I.
10	400A SERVICE PANEL
11	FILE CABINETS; O.S.C.I.
12	KITCHEN EQUIPMENT IN BREAK ROOM TO INCLUDE: 32" REFRIGERATOR, MICROWAVE, SINK.
13	MECHANICAL UNIT
14	OPERABLE EXTERIOR WINDOW; 36" WIDE X 48" TALL
15	BUILT IN DESK
16	CANOPY ABOVE W/ POSTS.
17	CANOPY ABOVE W/ POSTS. MIN. CLEAR HEIGHT OF 120" A.F.F.
18	PRE-ENGINEERED WALK-IN COOLER/FREEZER; O.S.C.I.
19	SLAB ON GRADE. COORDINATE W/ STRUCTURAL.
20	FLOOR DRAIN

OAKLEY COLLIER ARCHITECTS  
OCA ARCHITECTS  
107 Candlewood Road, Rocky Mount, NC 27804 (P) 252.937.2500  
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NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
5N2 FOOD PANTRY  
17247 NC 27 W SANFORD, NC 27332

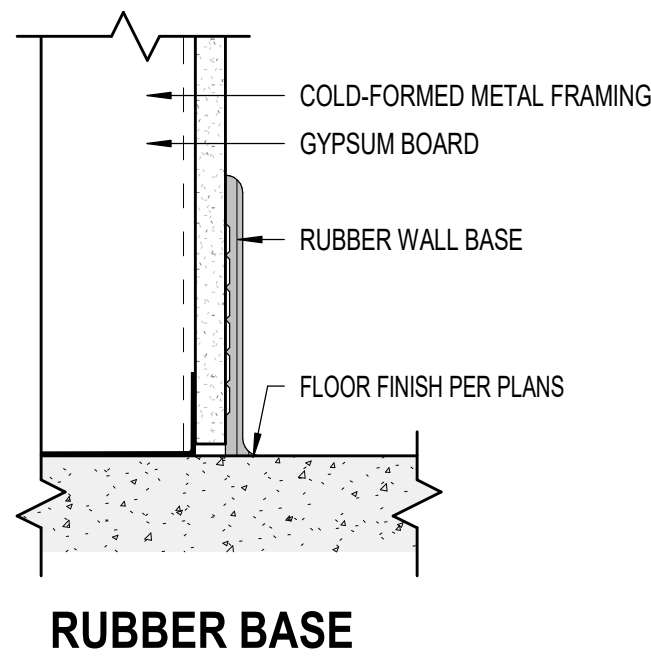
OAKLEY COLLIER ARCHITECTS, P.A.  
CERT NO. 50681  
ROCKY MOUNT, NC

JOSEPH F. KILMEY  
REGISTERED ARCHITECT  
11/24/25

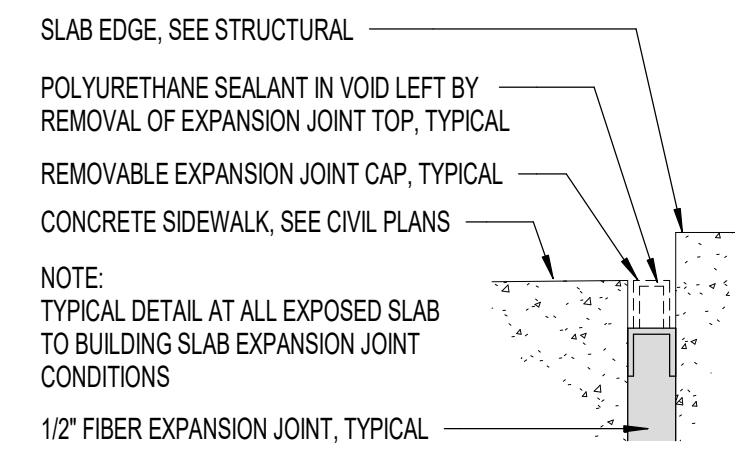
GENERAL NOTE:  
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Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A1.1
Checked By	Sheet Title
DG	FLOOR PLAN - LEVEL 1 OVERALL

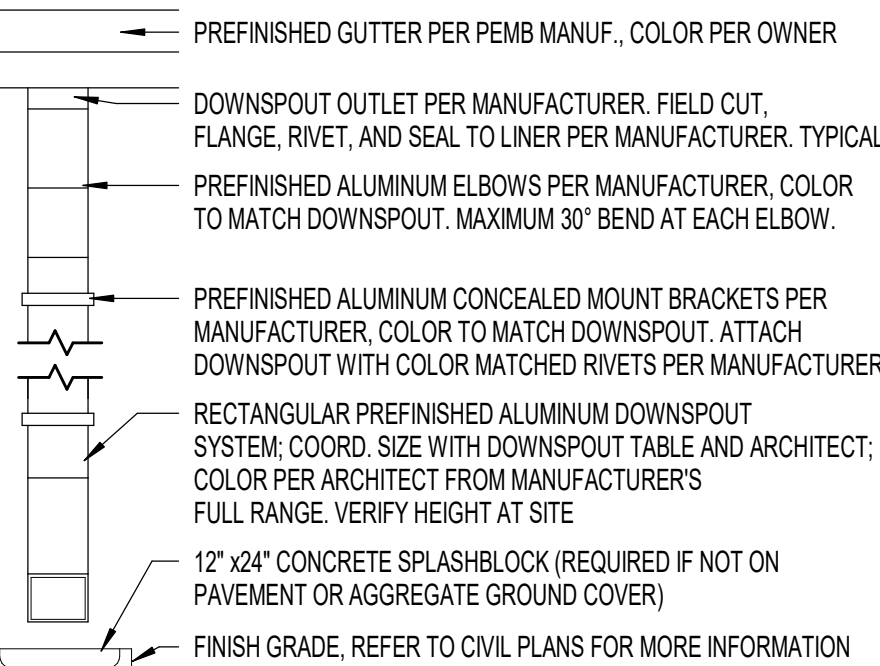
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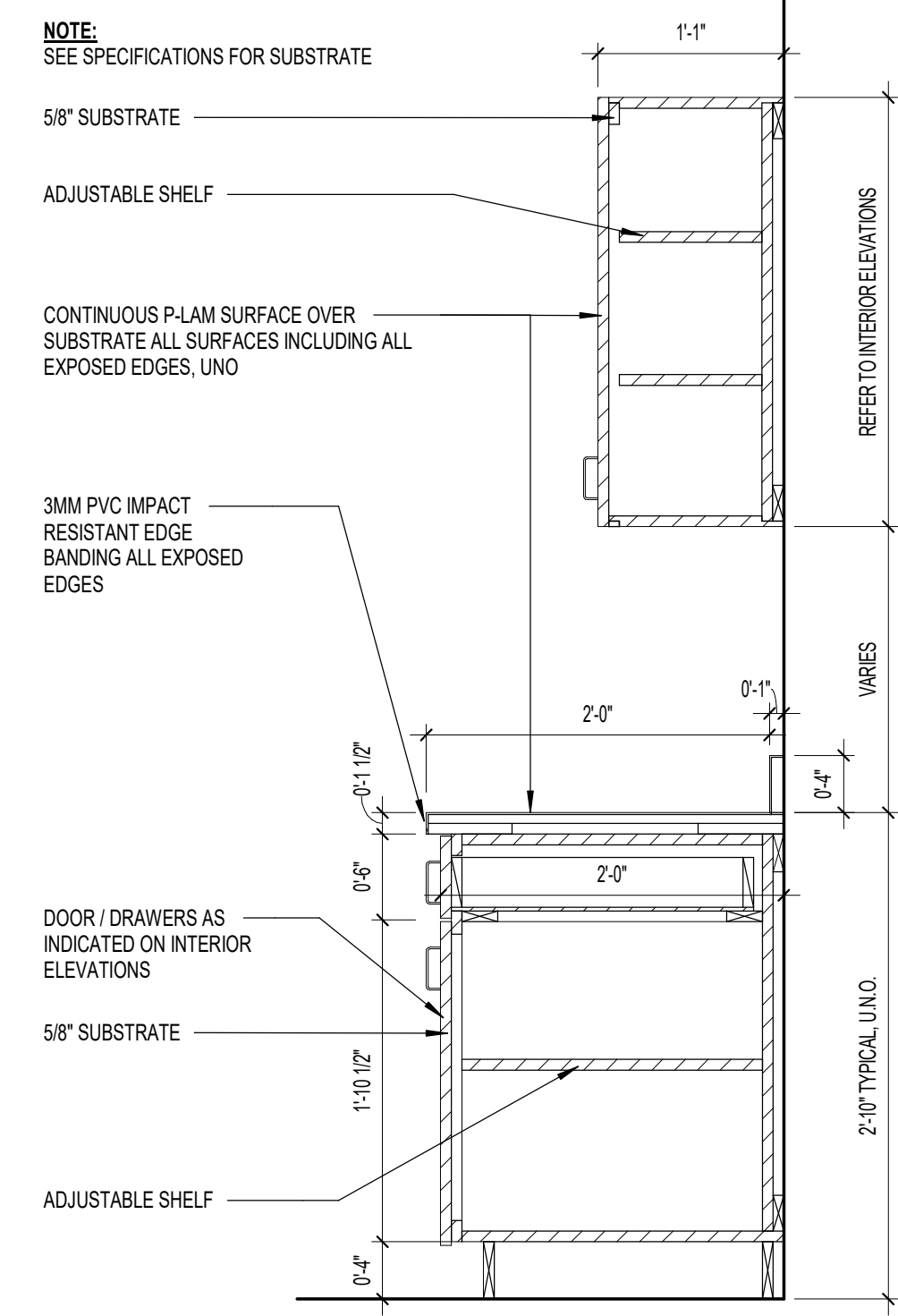
**11 WALL BASE**  
A1.2 3" = 1'-0"



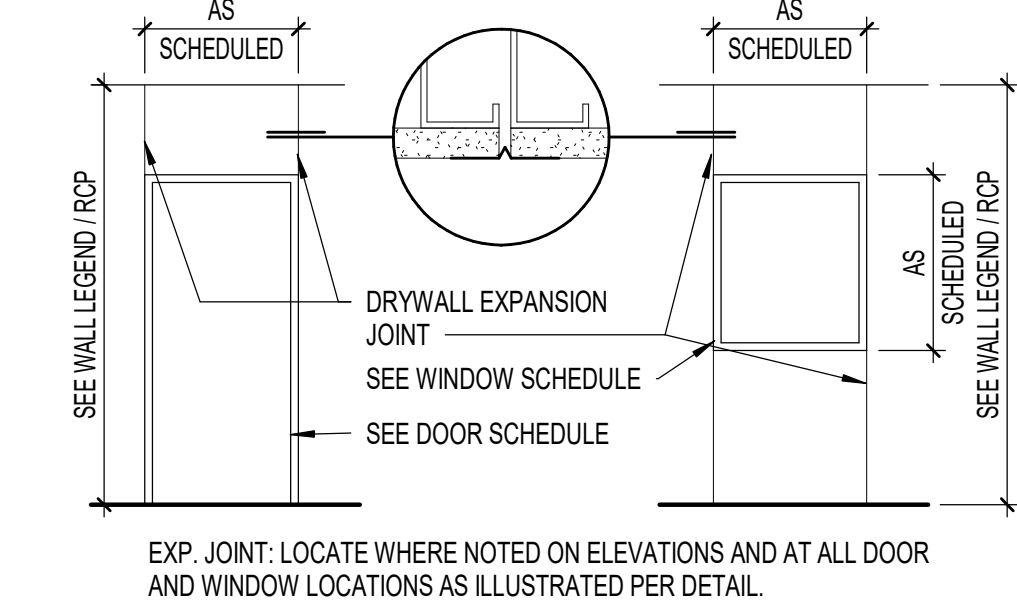
**9 CJ AT SIDEWALK**  
A1.2 6" = 1'-0"



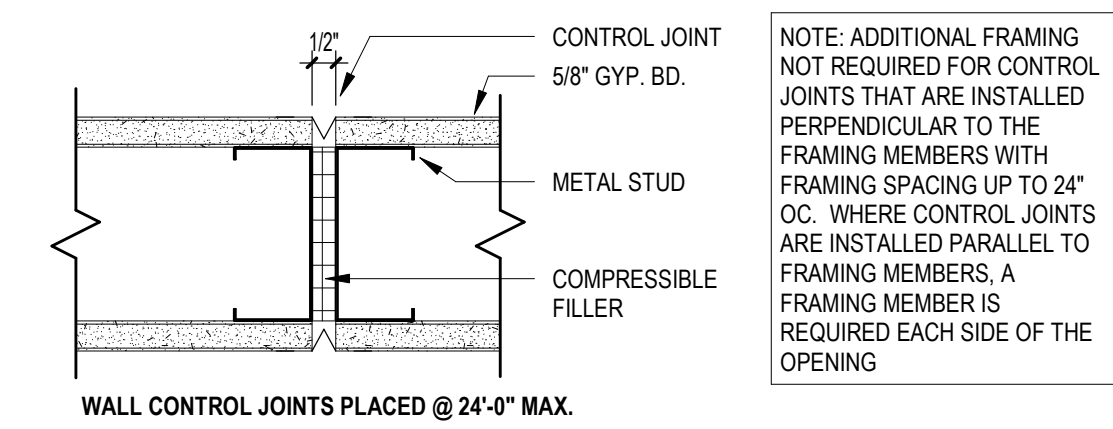
**6 DOWNSPOUT**  
A1.2 3/4" = 1'-0"



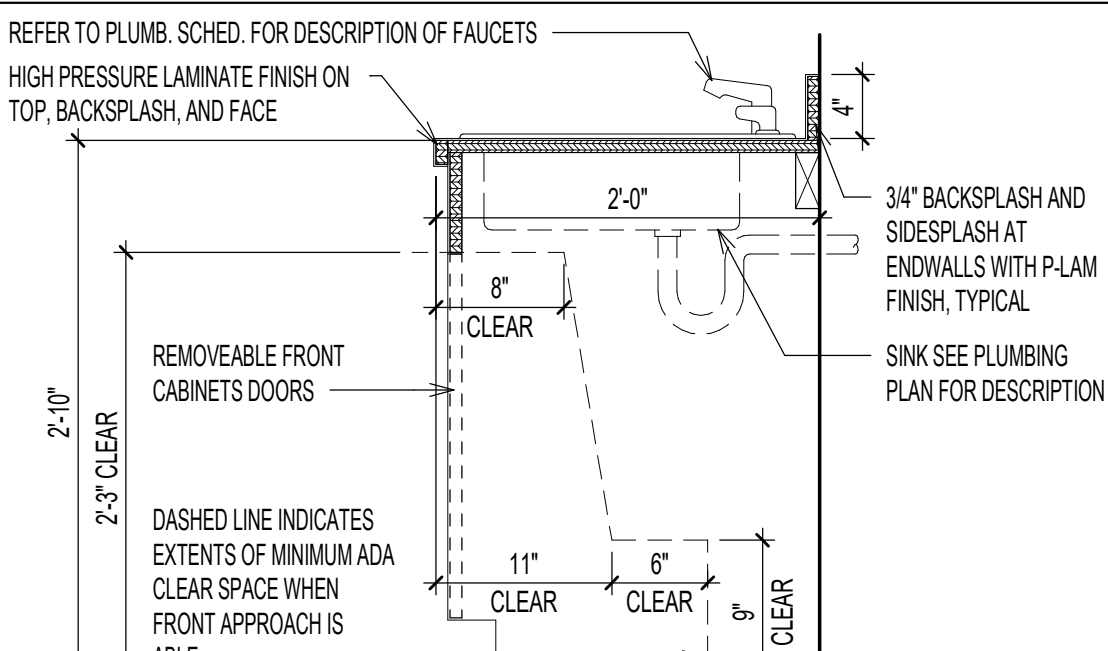
**10 CASEWORK SECTION, U.O.N.**  
A1.2 1" = 1'-0"



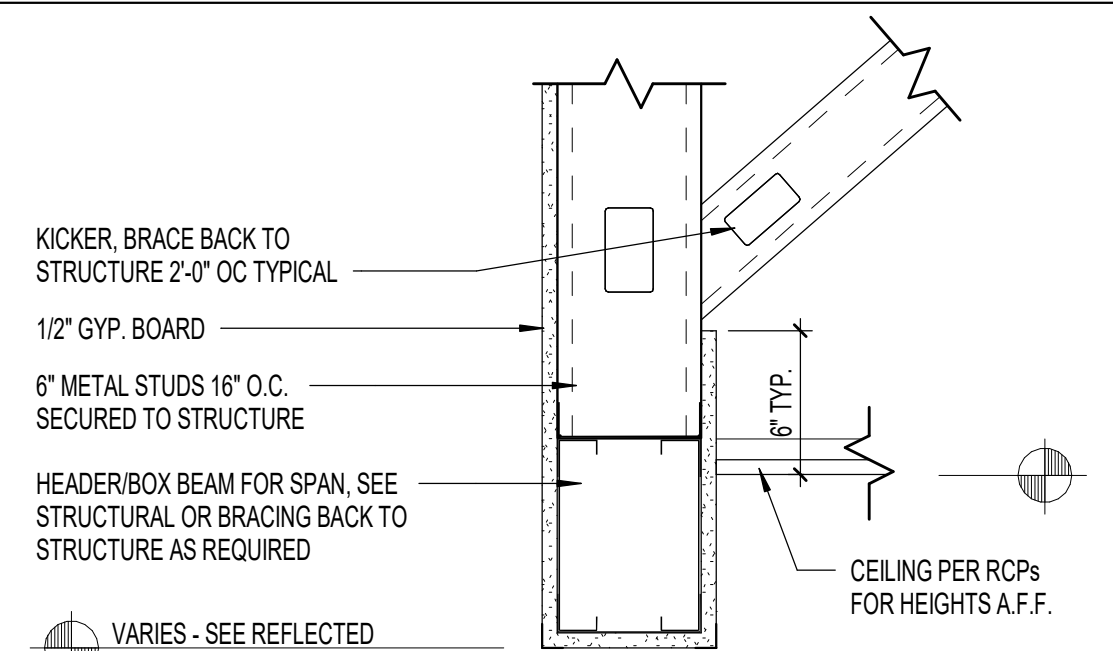
**8 EXPANSION JT DETAIL**  
A1.2 3" = 1'-0"



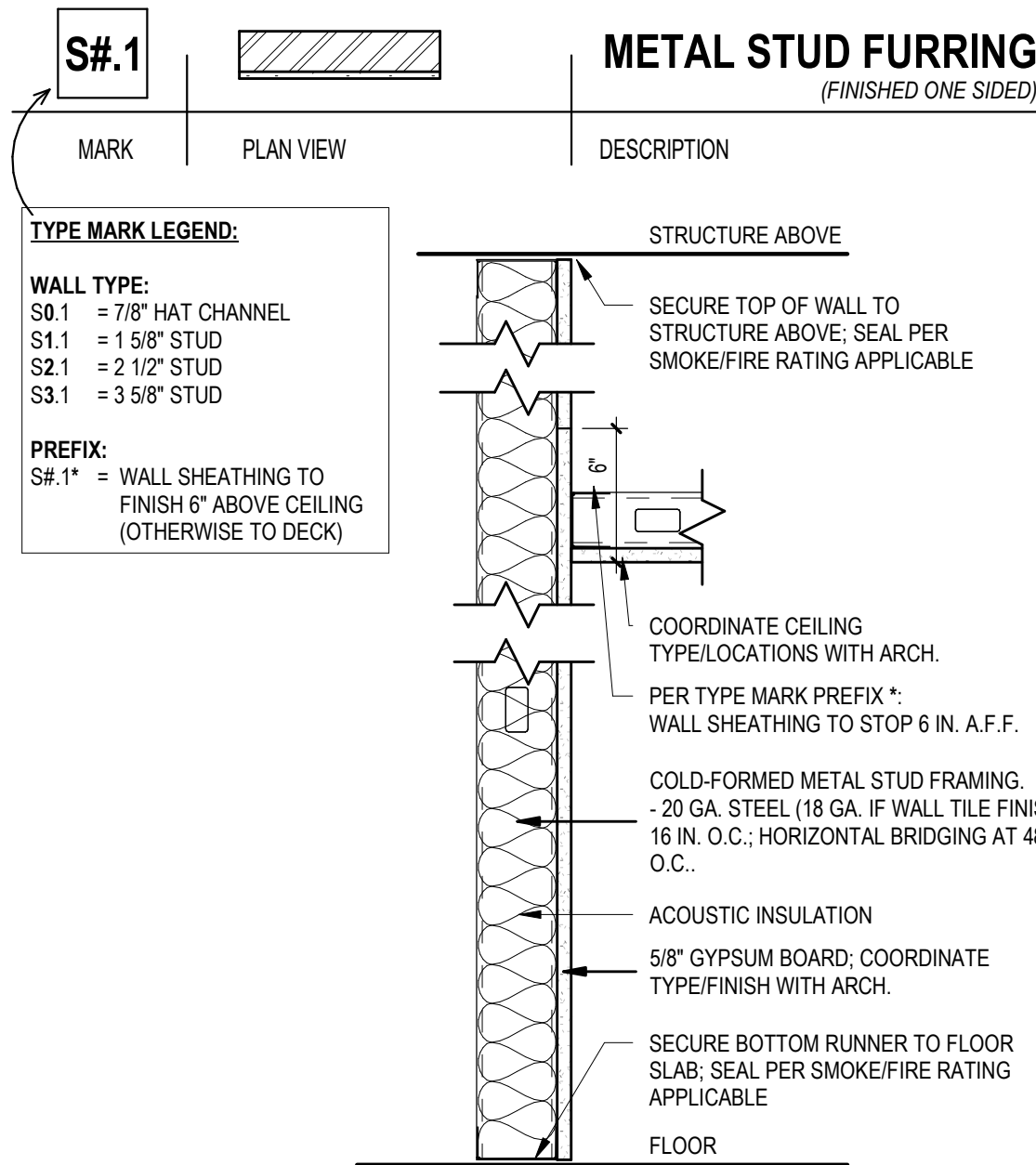
**5 GYPSUM CONTROL JOINTS**  
A1.2 3" = 1'-0"



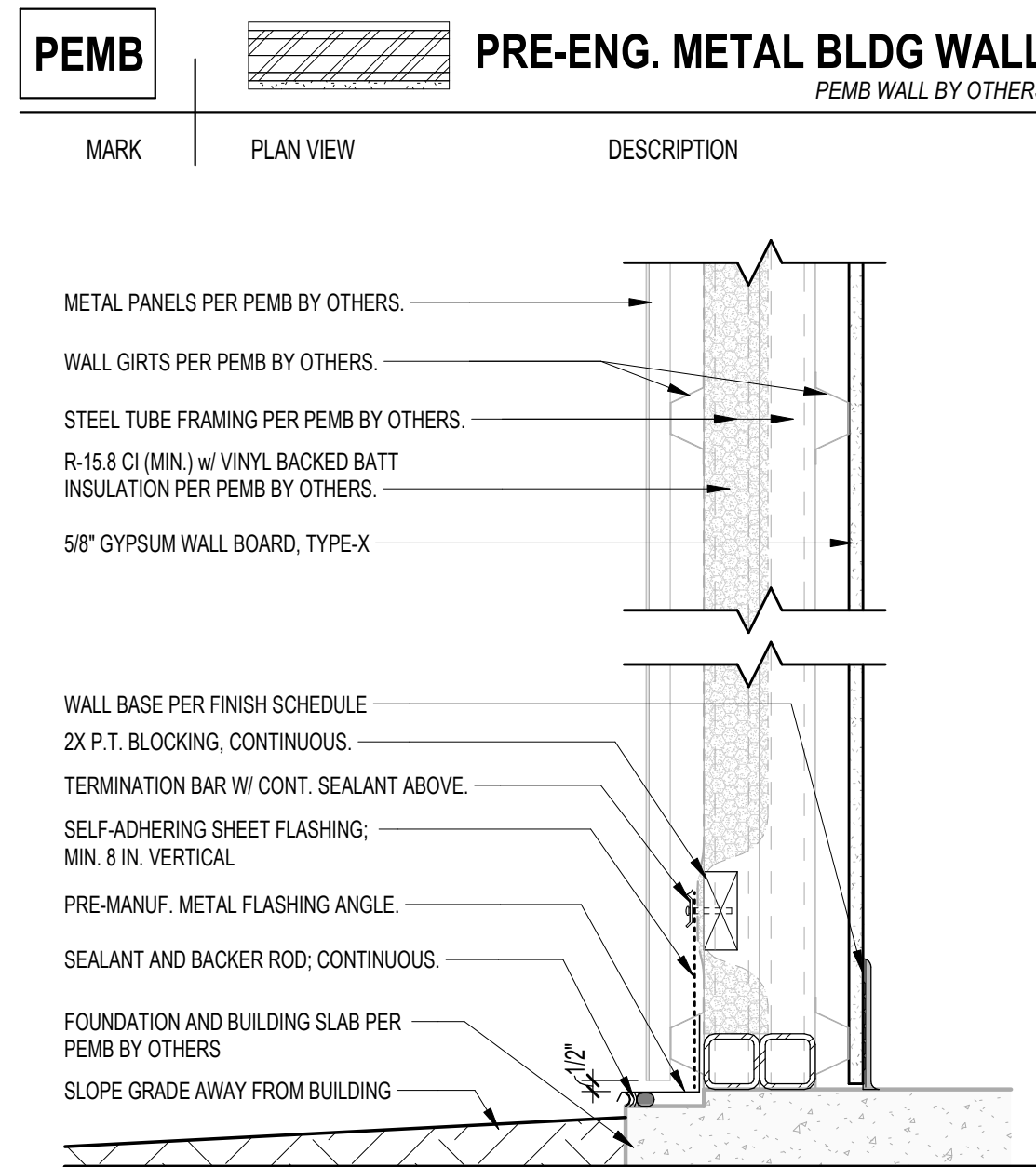
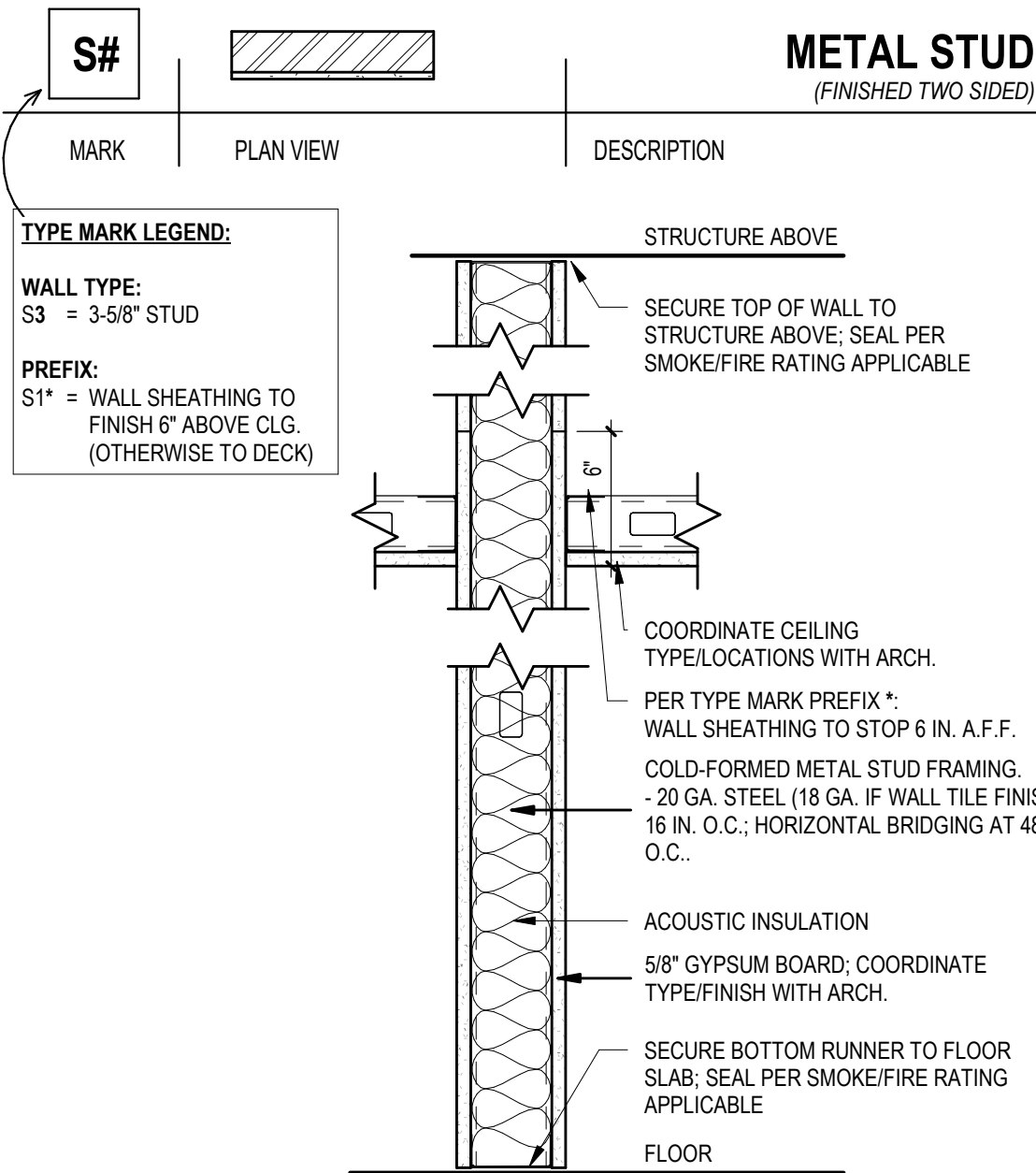
**7 ADA SINK CABINETRY P-LAM**  
A1.2 1" = 1'-0"



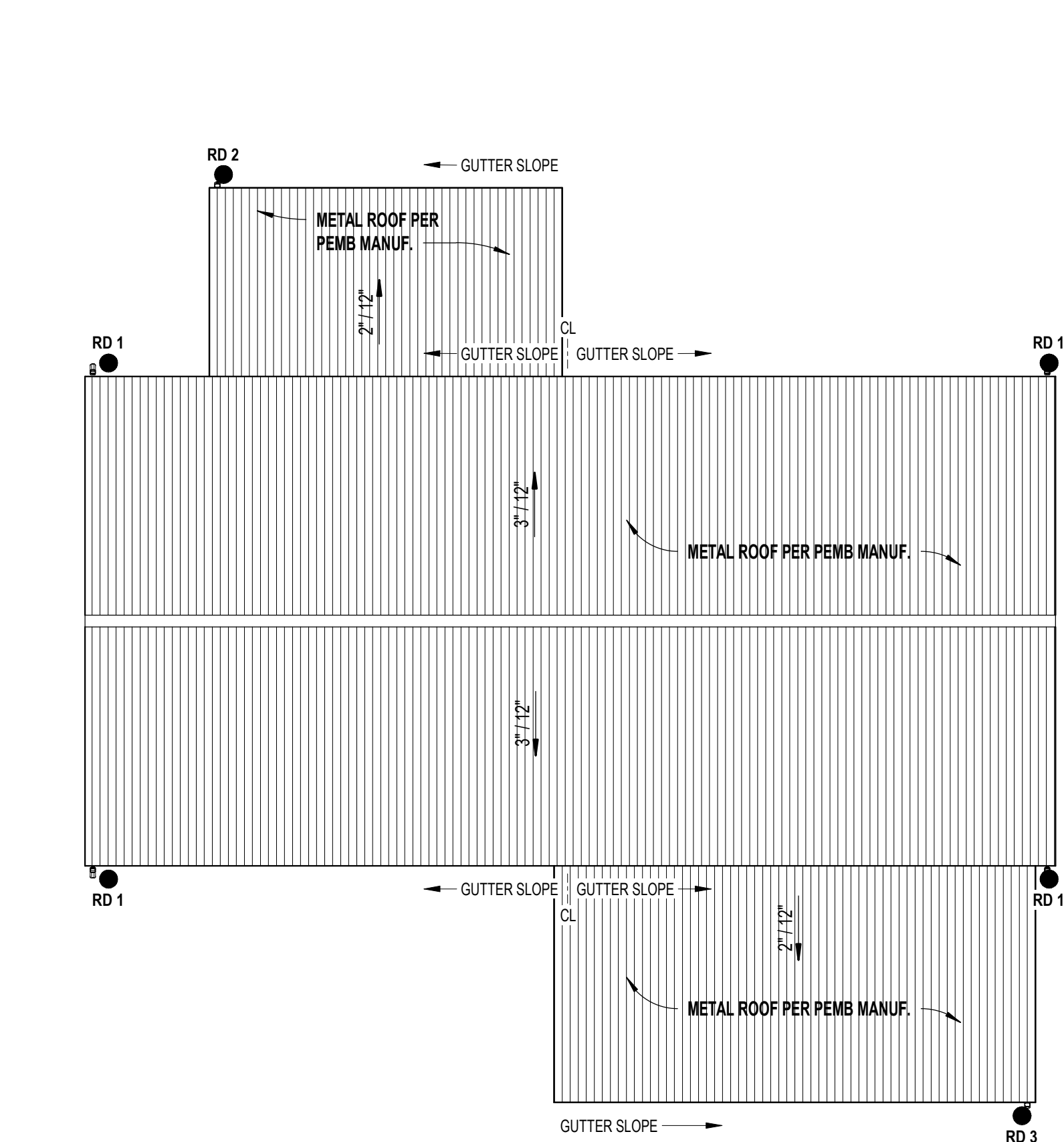
**4 TYP INT. HEADER DETAIL**  
A1.2 1 1/2" = 1'-0"



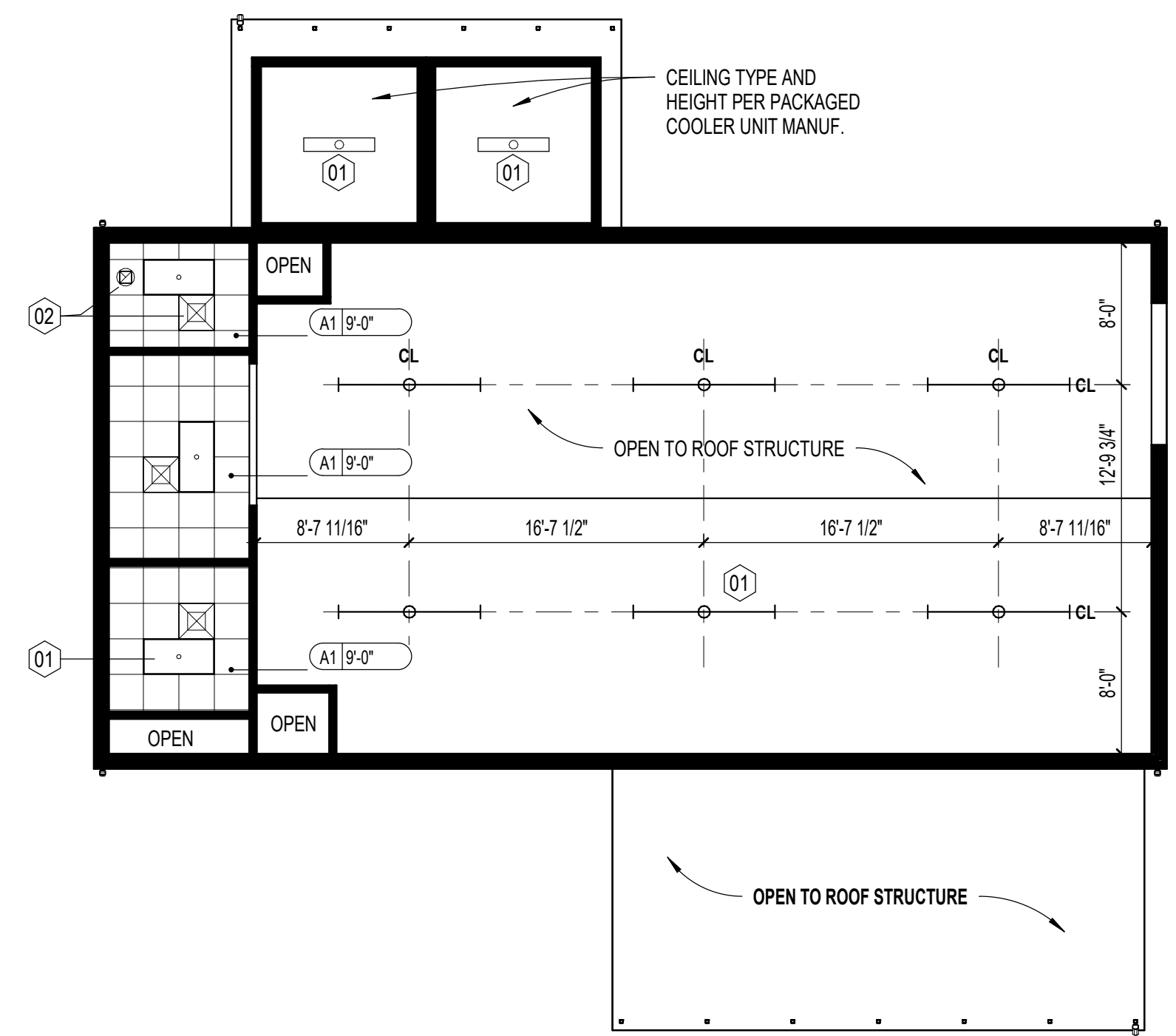
**3 WALL LEGENDS**  
A1.2 1 1/2" = 1'-0"



**1 REFLECTED CEILING PLAN**  
A1.2 1/8" = 1'-0"



**2 ROOF PLAN**  
A1.2 1/8" = 1'-0"



**1 REFLECTED CEILING PLAN**  
A1.2 1/8" = 1'-0"

**GENERAL NOTES**

- DIMENSIONS ARE FROM:
  - EXTERIOR WALLS TO FACE OF CMU
  - INTERIOR WALLS TO FACE OF STUD
  - CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
  - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
  - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE
  - "F" DENOTES DIMENSION FROM FINISH
  - "FF" DENOTES DIMENSION FROM FINISH TO FINISH
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION
- OBTAIN ALL PERMITS REQUIRED
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED

**ROOF NOTES**

- GUTTER AND DOWNSPOUTS SHALL BE FURNISHED AND INSTALLED BY ROOFING CONTRACTOR
- CONTRACTOR SHALL COORDINATE ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS REQUIRED AND MAKE ALL NECESSARY PROVISIONS FOR SAME
- GUTTERS, DOWNSPOUTS AND COMPONENTS SHALL BE PREFINISHED ALUMINUM, COLOR PER OWNER
- ALL ROOF MOUNTED ITEMS SHALL BE PAINTED, CLEAN PREPARE AND PRIME SURFACES AS REQUIRED - COLOR PER OWNER
- FURNISH AND INSTALL 36" WIDE X LENGTH REQUIRED SELF ADHERED ICE AND WATER SHIELD ROOFING UNDERLAYMENT AT ALL EDGES, RIDGES, HIPS, AND VALLEYS

**ROOF LEGEND**

- INDICATES DIRECTION OF ROOF SLOPE ACHIEVED THRU STRUCTURE AND TAPERED INSULATION
- EXTERIOR OPEN GUTTER LEADER, REFER TO ROOF DRAIN CALCULATIONS FOR SIZING

**ROOF DRAIN CALCULATIONS**

RAINFALL RATE (PRIMARY/SECONDARY) = 3.5 / 7.2

MARK	SQ.FT.	VERTICAL LEADER	GUTTER @ (SLOPE)
RD1	460 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.
RD2	260 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.
RD3	444 SF	2"Ø = 720 SF MAX. 2"x3" = 1,380 SF MAX.	3"Ø (1/16") = 548 SF MAX.

**RCP GENERAL NOTES**

- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL
- ALL DRYWALL SHALL BE 5/8" IN. AND SHALL EXTEND 4 IN. MINIMUM ABOVE FINISH CEILING (U.N.O.)
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS
- SEE MECHANICAL, ELECTRICAL, AND FIRE PROTECTION PLANS FOR FULL DESCRIPTION OF CEILING MOUNTED ITEMS/DEVICES
- ALL EXPOSED MECH. EQUIPMENT TO BE PAINTED WITH FINISH PNT-01, UNO
- ALL GRIDS ARE CENTERED IN A ROOM UNLESS NOTED OTHERWISE
- ALL NEW LIGHT FIXTURES, EXIT SIGNS, SPRINKLER HEADS AND TERMINAL DEVICES TO BE CENTERED IN CEILING PANELS, UNLESS OTHERWISE INDICATED
- SEE PME DRAWINGS FOR PME DEVICE LOCATIONS AND QUANTITIES, COORDINATE LOCATION OF ALL PME DEVICES WITH ARCHITECTURAL DRAWINGS
- COORDINATE ALL GYPSUM CEILING BOARD CONTROL JOINTS WITH ARCHITECT

**RCP LEGEND**

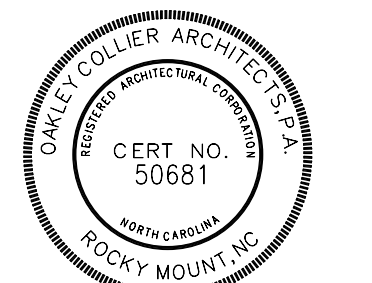
- CEILING TYPES**
- A1 2x2 ACOUSTICAL CEILING TILE (VINYL COATED) (4 WET)

**FIXTURE LEGEND**

- LAY-IN LIGHTING: 2x2, 2x4, 1x4
- 8" STRIP LIGHTING
- LAY-IN AIR DIFFUSAL
- LAY-IN AIR RETURN
- LAY-IN AIR EXHAUST
- 2X2 LAY-IN CEILING SYSTEM (VINYL COATED) TYP IN WET LOCATIONS

**RCP KEYNOTES**

- KEYNOTES**
- 01 LIGHTING PER ELECTRICAL, TYP.
  - 02 MECHANICAL EXHAUST AND DIFFUSAL PER MECH, TYP.



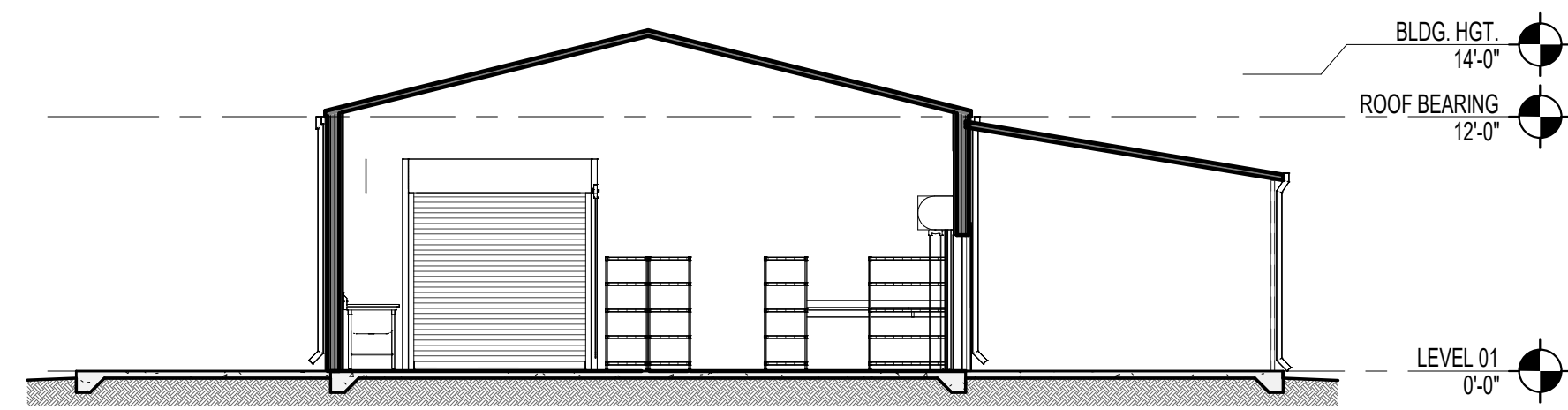
GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date

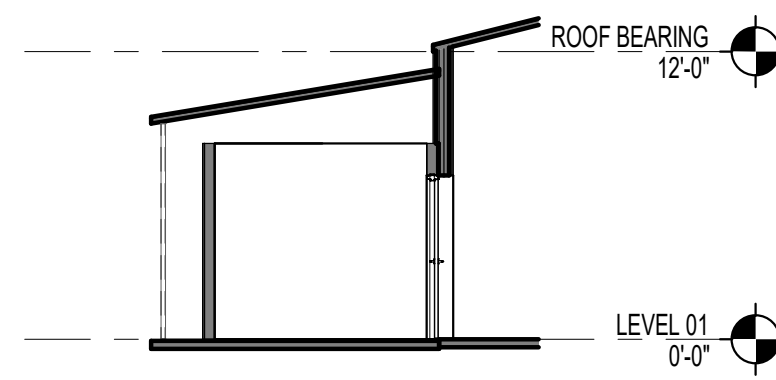
Date	Project No.
11/24/25	<b>25003</b>
Drawn By	Sheet No.
JK	<b>A1.2</b>
Checked By	
DG	
	Sheet Title
	REFLECTED CEILING / ROOF PLAN

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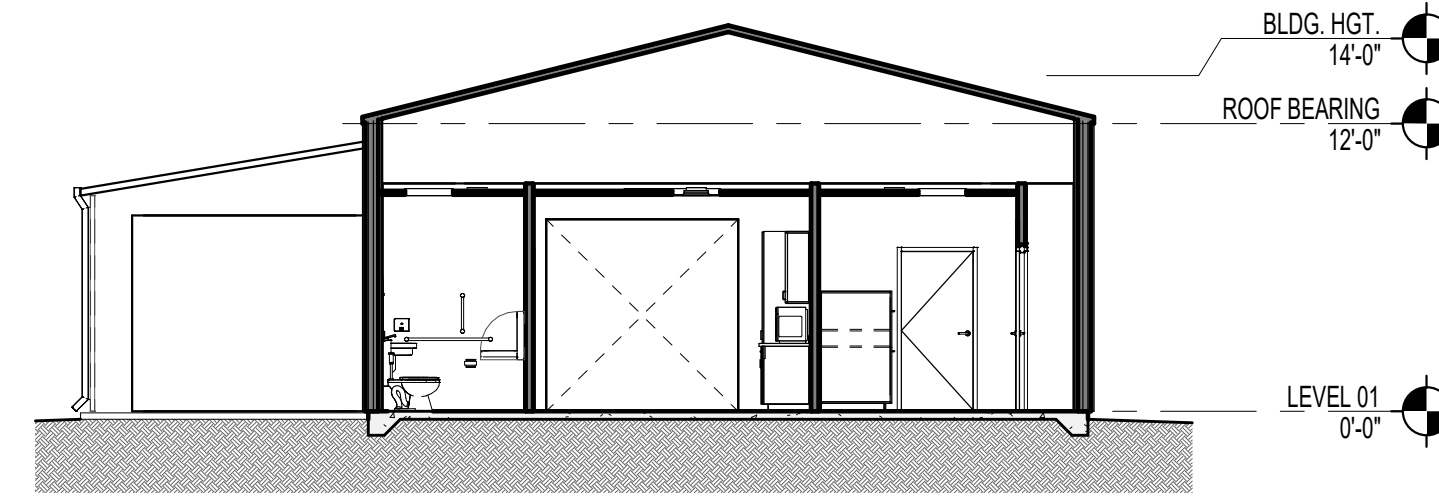
**7**  
SECTION B  
1/8" = 1'-0"



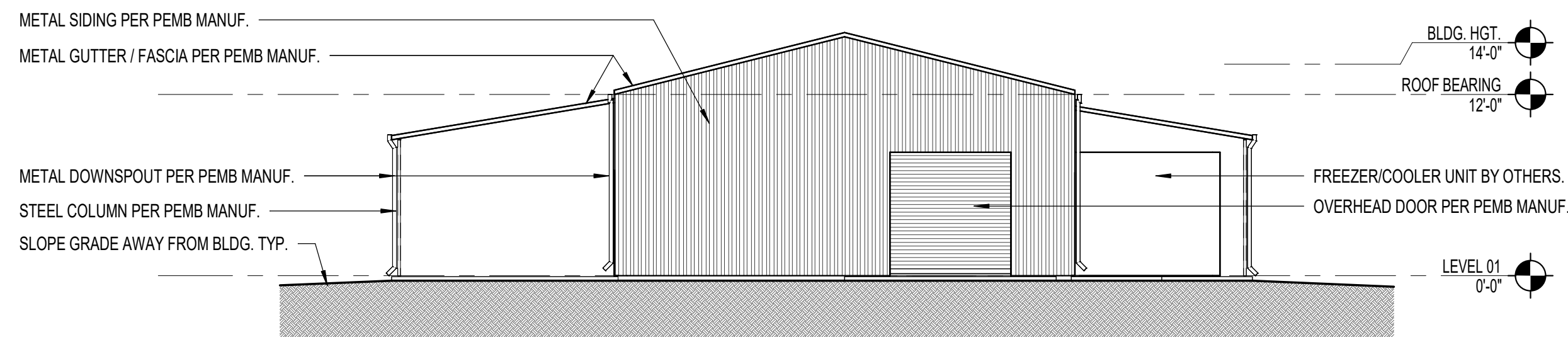
**4b**  
SECTION C2  
1/8" = 1'-0"



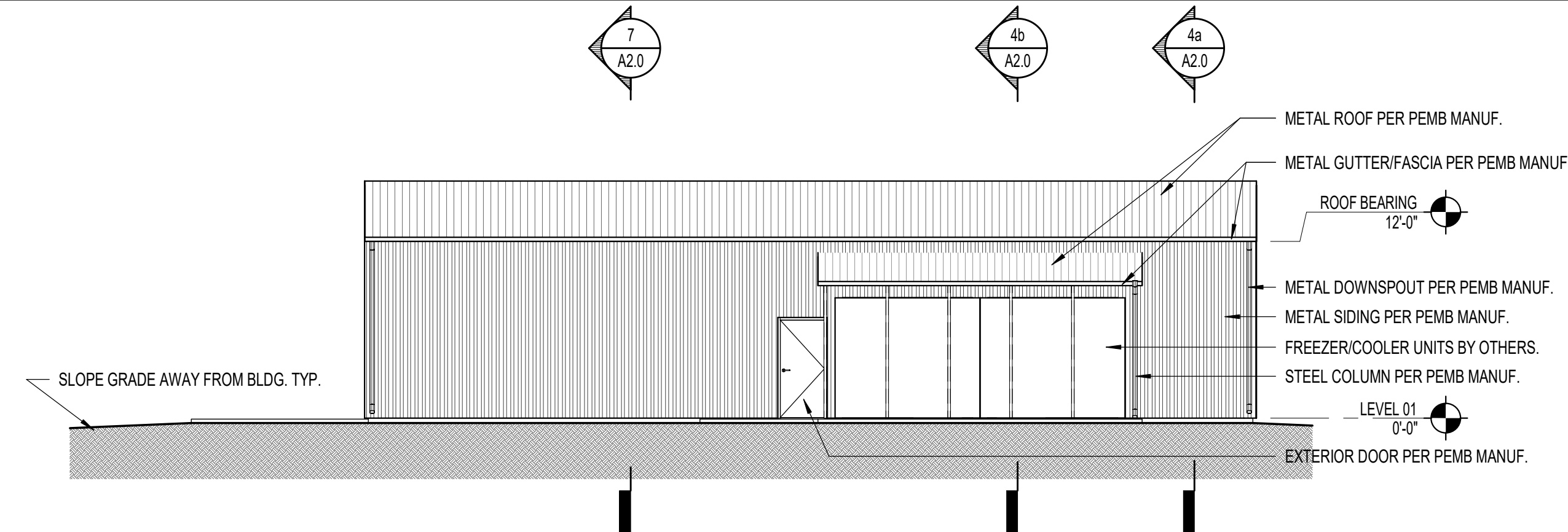
**4a**  
SECTION C  
1/8" = 1'-0"



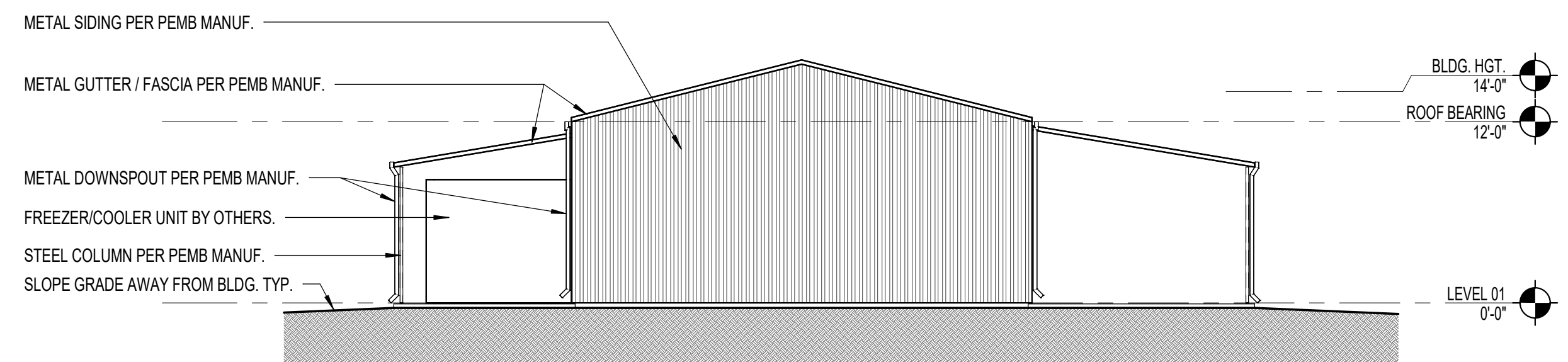
**6**  
RIGHT SIDE ELEVATION  
1/8" = 1'-0"



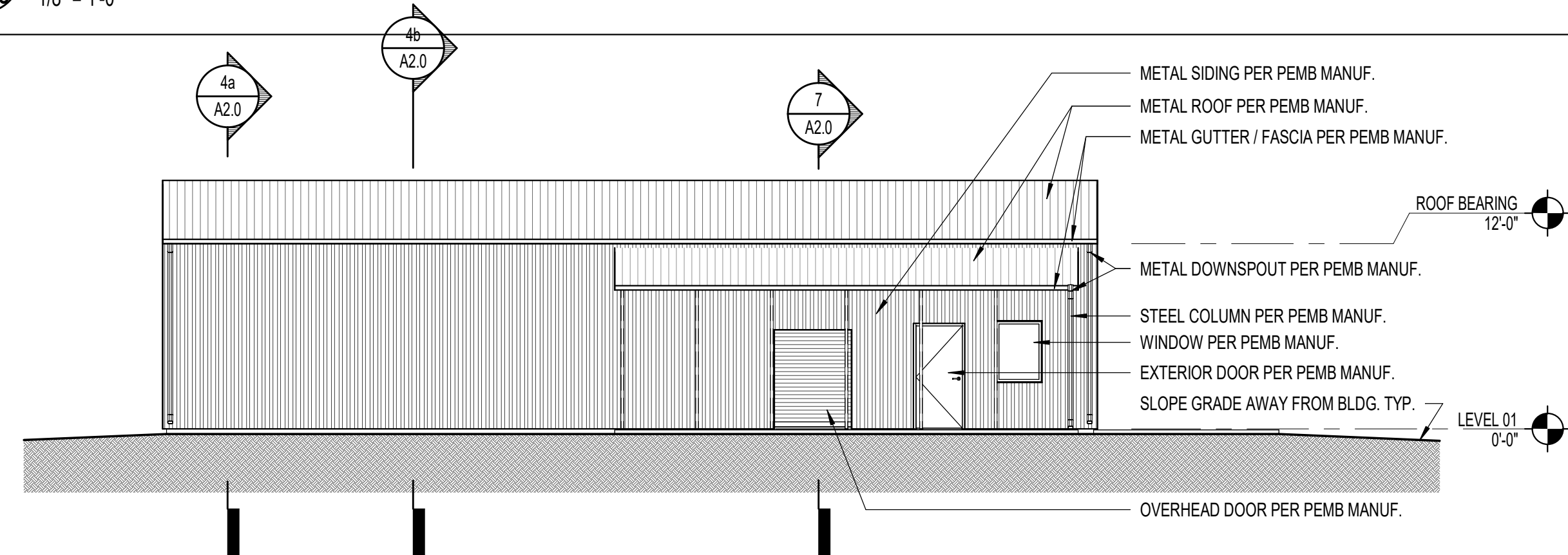
**2**  
REAR ELEVATION  
1/8" = 1'-0"



**5**  
LEFT SIDE ELEVATION  
1/8" = 1'-0"



**1**  
FRONT ELEVATION  
1/8" = 1'-0"



**GENERAL NOTES**

1. DIMENSIONS ARE FROM:
  - A. EXTERIOR WALLS TO FACE OF CMU
  - B. INTERIOR WALLS TO FACE OF STUD.
  - C. CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO.
  - D. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
  - E. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.
  - F. "CF" DENOTES DIMENSION FROM FINISH.
  - G. "FF" DENOTES DIMENSION FROM FINISH TO FINISH.
2. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
3. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
4. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
5. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
6. OBTAIN ALL PERMITS REQUIRED.
7. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

**EXT. ELEVATION NOTES**

1. ALL EXTERIOR SEALANT TO BE POLYURETHANE TYPE AND UV-RESISTANT, UNO. COLOR TO BE APPROVED BY ARCHITECT.
2. ALL FINISHES TO BE SELECTED BY OWNER FROM FULL RANGE OF MANUFACTURER'S COLOR AND FINISH OPTIONS.

**EXT. ELEVATION LEGEND**

- FINISH TYPE SYMBOL
- SPOT ELEVATION
- FINISH TYPE SYMBOL
- CENTERLINE

**EXTERIOR FINISHES**

\*SEE FINISH LEGEND FOR FINISH TYPES AND SPECIFICATIONS

**CLADDING:**  
MPP METAL WALL PANEL (CORRUGATE) - PER PEMB MANUFACTURER.

**ROOFING:**  
SSMR STANDING SEAM METAL ROOFING - PER PEMB MANUFACTURER.

**PAINT:**  
PNT PAINT  
PNT-X EPOXY PAINT

**MISCELLANEOUS:**  
MTL METAL (FINISH)  
IGU INSULATED GLAZING UNIT

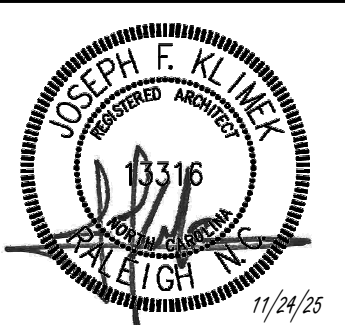
**ELEVATION KEYNOTES**

#	KEYNOTE

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A2.0
Checked By	
DG	

Sheet Title  
BUILDING ELEVATIONS / SECTIONS



GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date

FULL HEIGHT JACK STUDS, SEE HEADER SCHEDULE FOR QUANTITY  
 ATTACH TOP AND BOTTOM TRACKS ALONG TOP AND FLANGE OF TRACK WITH (2) #10-18 SCREWS AT 8" O.C.  
 TOP AND BOTTOM TRACK GAGE SHALL MATCH HEADER GAGE  
 UNPUNCHED STUDS, SIZE AND GAGE PER SCHEDULE  
 2"X2"X16 GAGE CLIP ANGLES X1/2" LESS THAN STUD WIDTH, ATTACH WITH (3) #10 SCREWS ON EACH LEG TO HEADER AND JAMB STUDS  
 JAMB STUDS, SEE HEADER SCHEDULE FOR QUANTITY

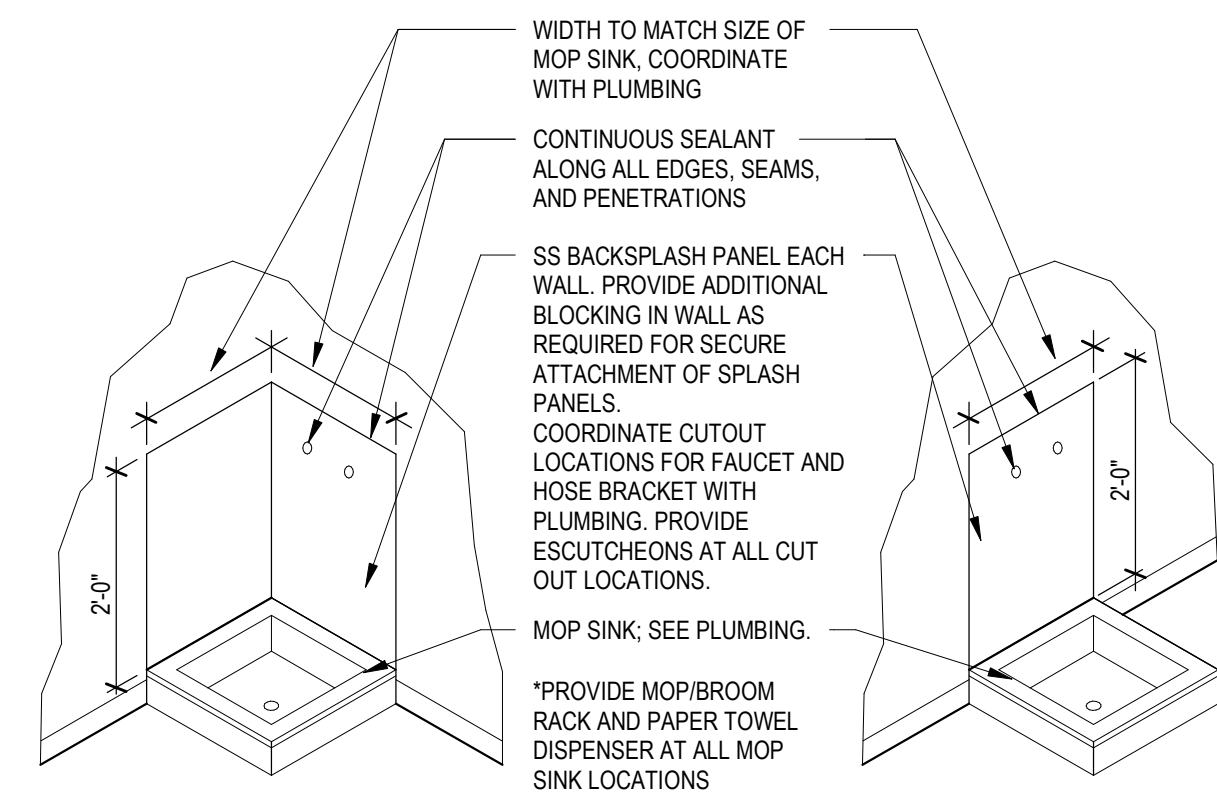
NON-LOAD BEARING

12  
A6.0  
TYP INT. HEADER BEARING  
1/2" = 1'-0"

INT. HEADER SCHEDULE

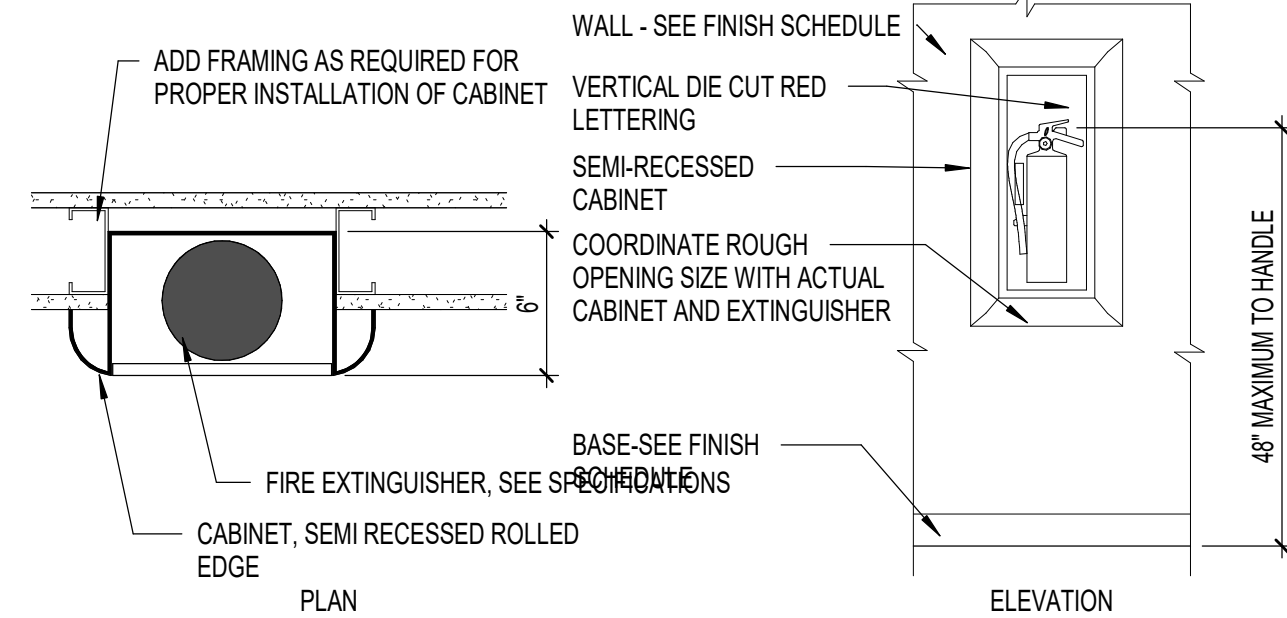
OPENING	SIZE	JACK	JAMB
0'-0" TO 5'-0"	3 5/8" X 20 GA.	2	2
5'-1" TO 7'-0"	6" X 20 GA.	2	2
7'-1" TO 10'-0"	8" X 20 GA.	2	3

NOTES:  
 • ALL BOXED HEADERS SHALL BE SIZED TO FIT WALL SIZES SHOWN ARE MINIMUMS.  
 • PROVIDE JACK AND JAMB STUDS AT EACH INTERIOR HEADER LOCATION AS SCHEDULED UNLESS NOTED OTHERWISE ON ARCHITECTURAL OR STRUCTURAL PLANS.  
 • SEE PEMB DOCUMENTS BY OTHER FOR ALL EXT. HEADERS.

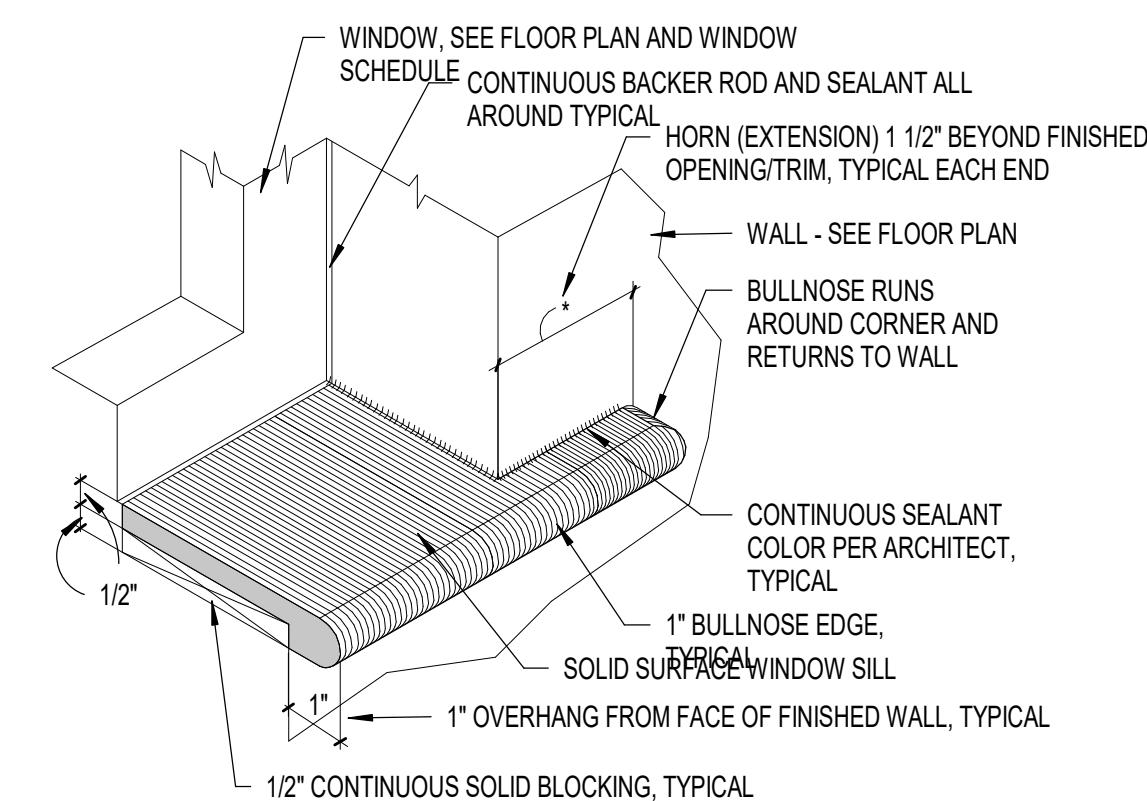


11  
A6.0  
SPLASH PANELS AT MOP RECEPTOR  
3/8" = 1'-0"

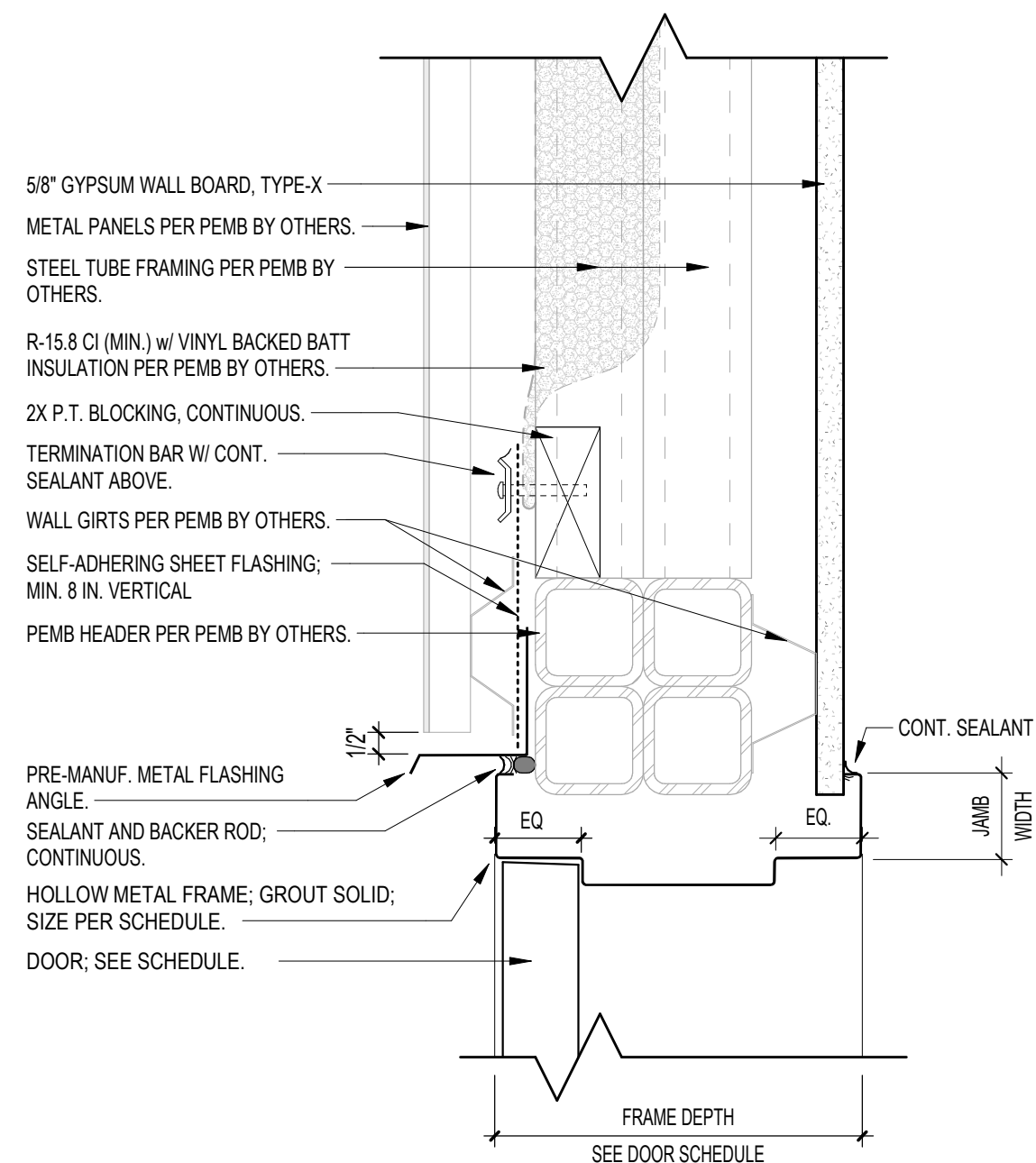
NOTE:  
 BASIS OF DESIGN ARCHITECTURAL SERIES MODEL AL2499-R4 SEMI RECESSED FULL PANEL DOOR WITH CLEAR ACRYLIC GLAZING. 3/12" ROLLED EDGE TRIM, VERTICAL DIE CUT RED LETTERING, WHITE BAKED ENAMEL INTERIOR BOX AS MANUFACTURED BY LARSEN'S MANUFACTURING COMPANY OR APPROVED EQUAL.



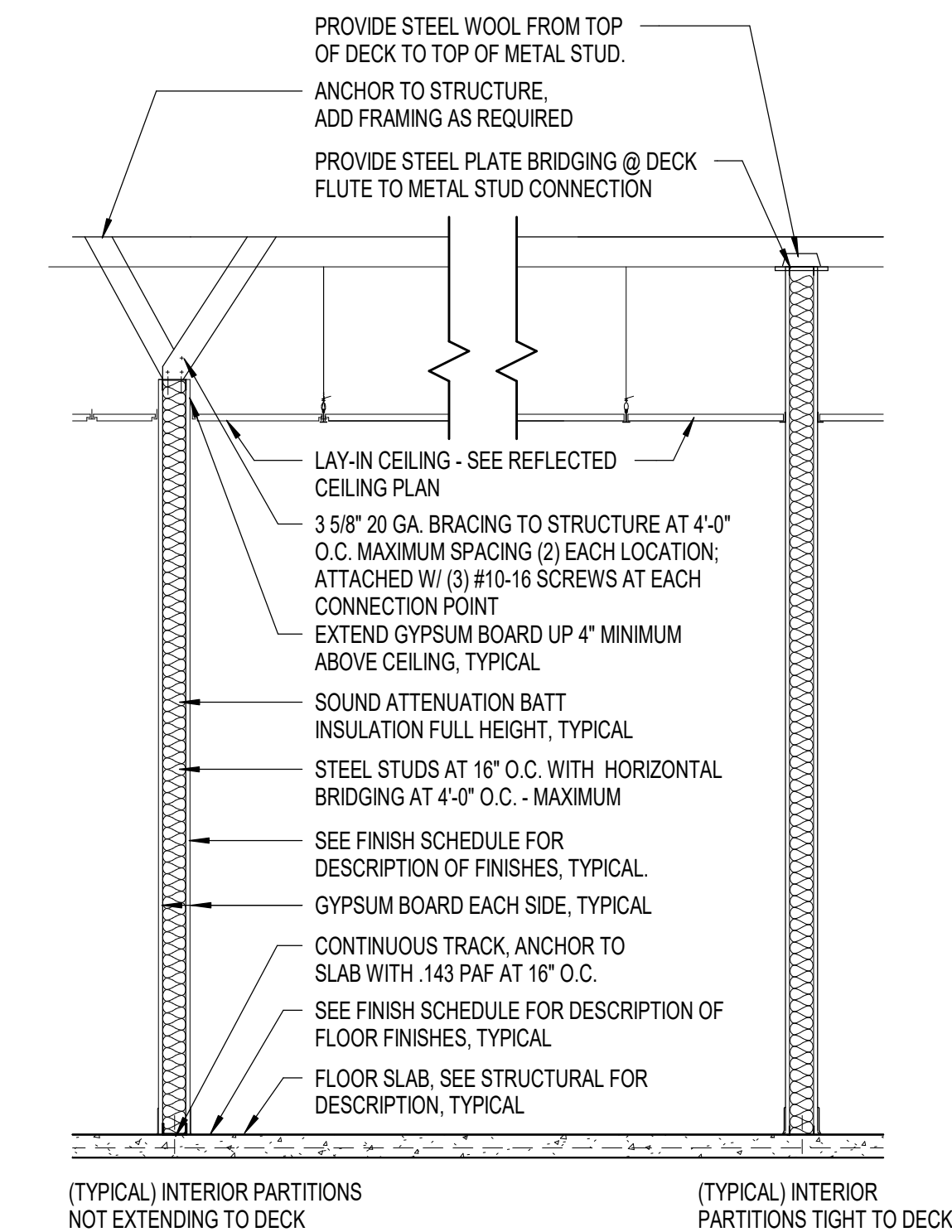
10  
A6.0  
SEMI RECESSED FEC  
1 1/2" = 1'-0"



9  
A6.0  
TYP WINDOW SILL DETAIL  
3" = 1'-0"



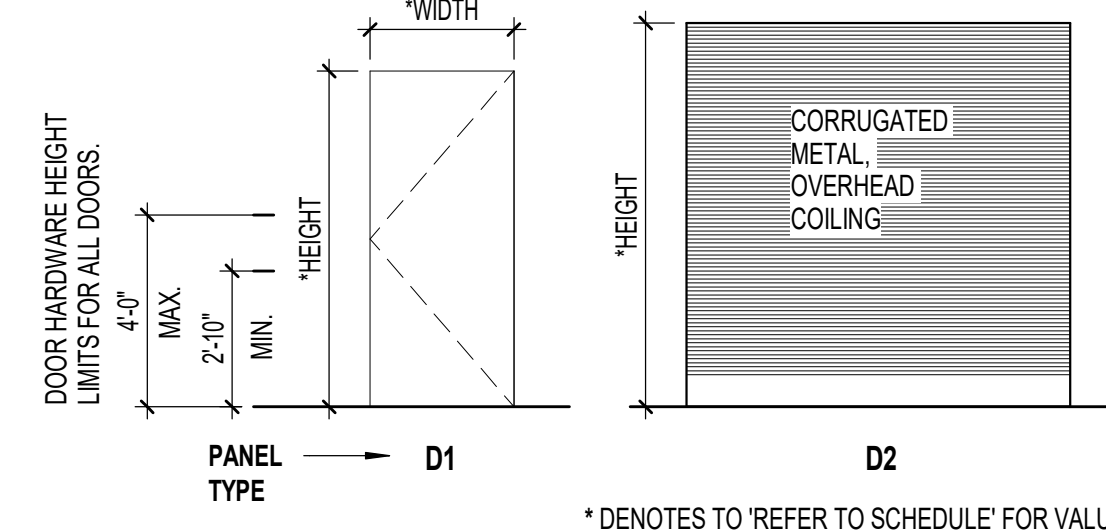
8  
A6.0  
HEAD AT EXT. DOOR  
3" = 1'-0"



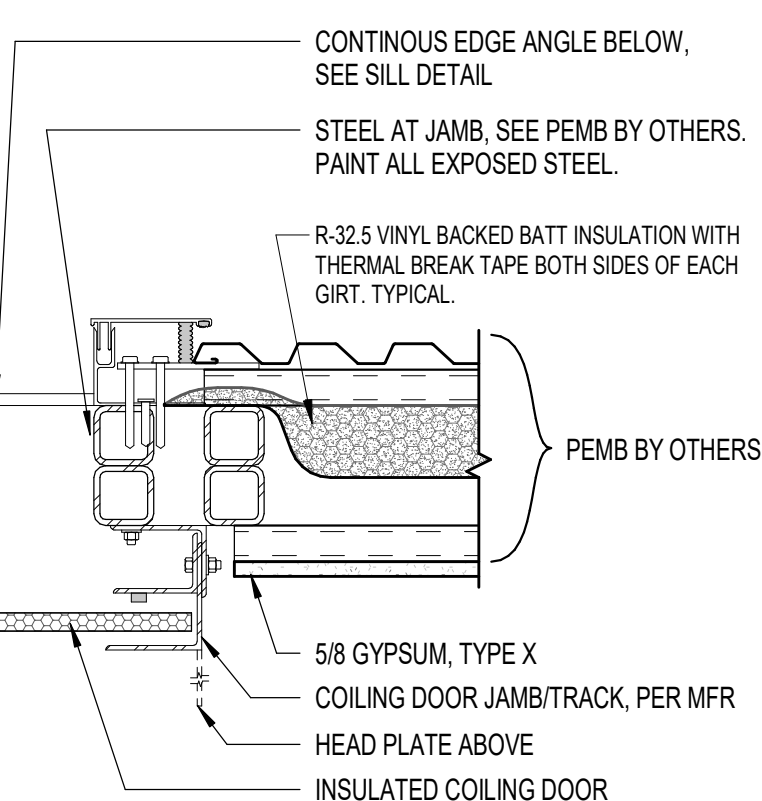
7  
A6.0  
TYP INTERIOR PARTITION DETAIL  
1/2" = 1'-0"

DOOR SCHEDULE

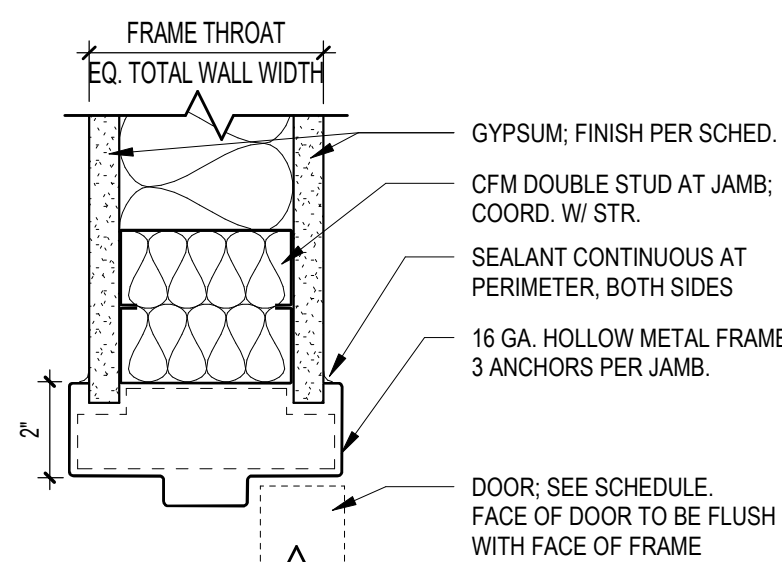
DOOR NUMBER	SIZE			MATERIAL		FINISH		GLAZING		ELEVATION		FRAME		DETAILS		DOOR NUMBER
	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	GLAZING	ELEVATION	MATERIAL	FINISH	ELEVATION	RATING	SILL	HW Set	REMARKS		
001	3'-0"	6'-8"	1 3/4"	HM-X	PNT-X	-	D1	HM-X	PNT-X	F1	-	S1		001		
002	5'-0"	8'-3"		MTL	PNT-X	-	D2	OHD	-	-	-	S2		002		
003	8'-0"	10'-0"		MTL	PNT-X	-	D2	OHD	-	-	-	S2		003		
004	3'-0"	6'-8"	1 3/4"	HM-X	PNT-X	-	D1	HM-X	PNT-X	F1	-	S1		004		
101	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		101		
102A	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		102A		
103	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		103		
103A	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		103A		
104	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		104		
105	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		105		
106	3'-0"	6'-8"	1 3/4"	HM	PNT-X	-	D1	HM	PNT-X	F1	-	-		106		



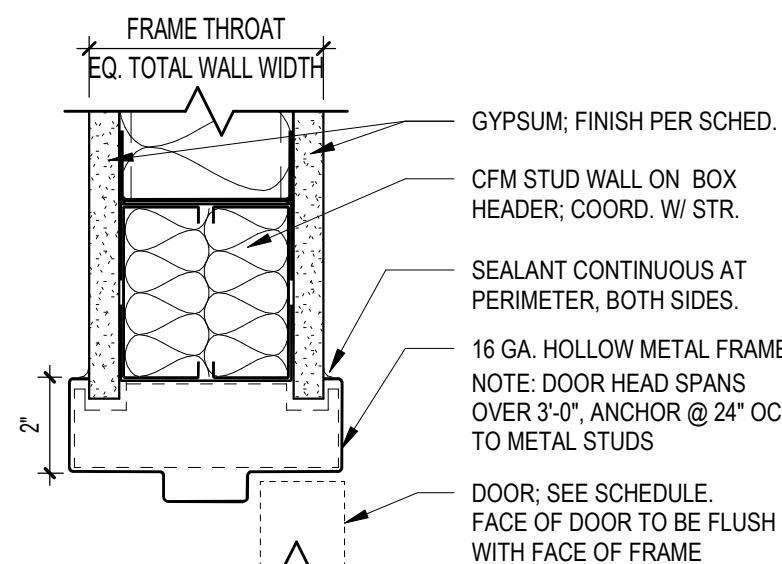
DOOR - ELEVATIONS  
1/4" = 1'-0"



6  
A6.0  
JAMB - OVERHEAD COILING  
1 1/2" = 1'-0"

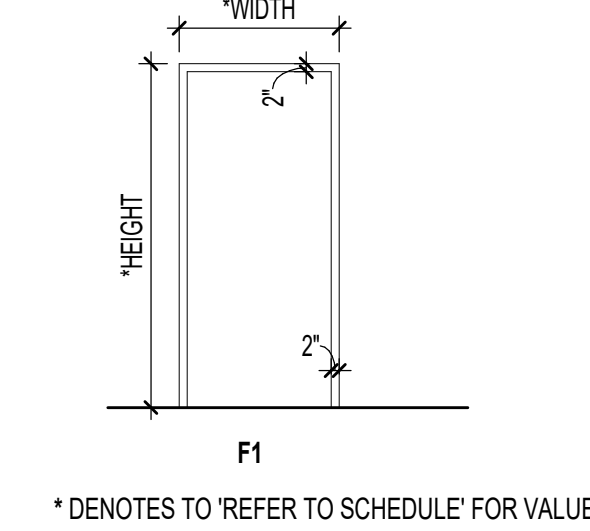


HM DOOR JAMB (AT METAL STUD)

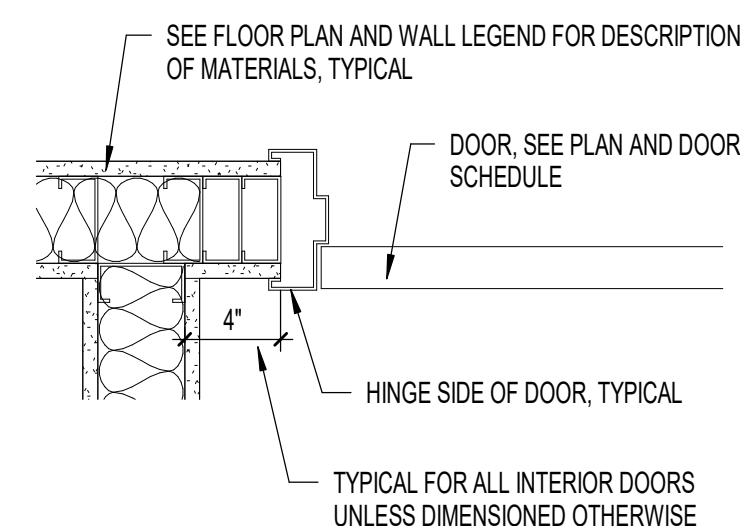


HM DOOR HEAD (AT METAL STUD)

5  
A6.0  
HEAD - INT - H.M.  
3" = 1'-0"



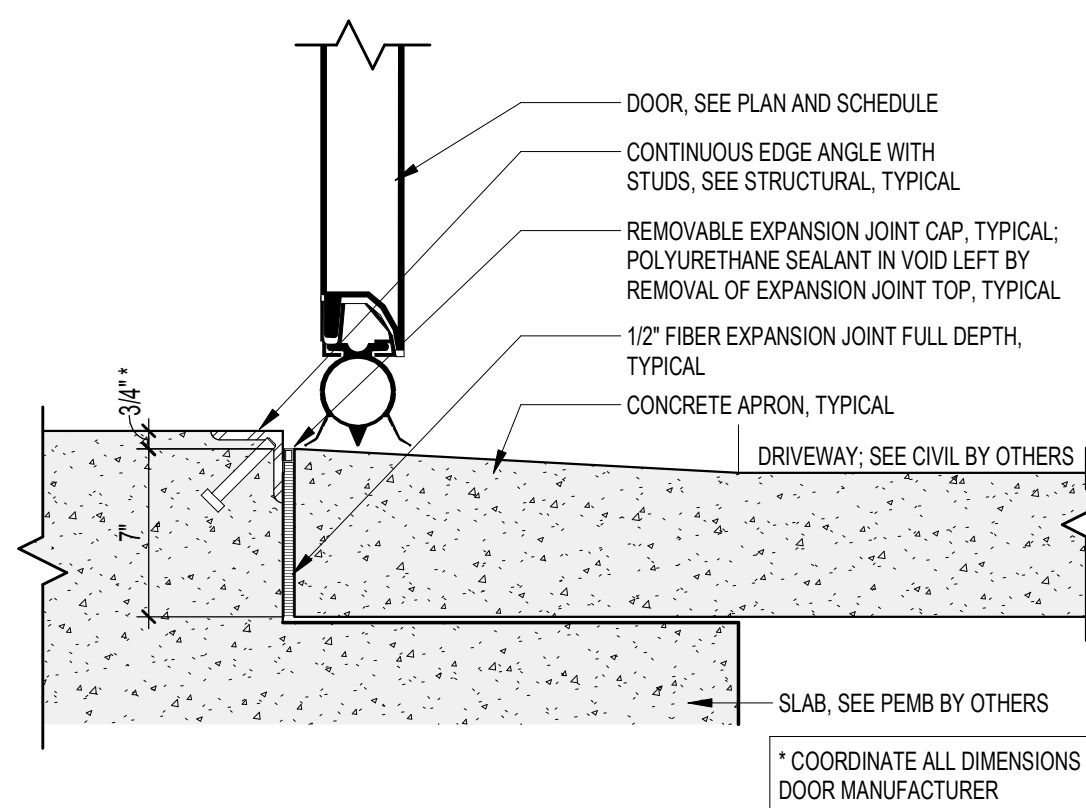
FRAME - ELEVATIONS  
1/4" = 1'-0"



4  
A6.0  
DOOR PLACEMENT  
1 1/2" = 1'-0"

ADA THRESHOLD REQUIREMENTS

3  
A6.0  
ADA THRESHOLD REQ'  
6" = 1'-0"



S2  
A6.0  
SILL AT OVERHEAD COILING  
1 1/2" = 1'-0"

DOOR SCHEDULE LEGEND

\*COLOR TO BE SELECTED BY OWNER FROM FULL RANGE OF MFR'S COLORS

PANEL MATERIAL:  
 HM HOLLOW METAL STEEL (COLD ROLLED, UNCOATED)  
 HM-X HOLLOW METAL STEEL - INSULATED (GALVANNEAL COATING)

FRAME MATERIAL:  
 HM HOLLOW METAL  
 HM-X HOLLOW METAL EXTERIOR (INSULATED)  
 OHD STEEL CHANNEL OVERHEAD DOOR, COORD. W/ MANUFACTURER

HARDWARE ABBREVIATIONS:

- AST ASTRAGAL
- AC ACCESS CONTROL
- CL CLOSER
- DIA DIAMETER
- FB FLUSH BOLT
- HO HOLD OPEN
- KL KEVED LOCK
- KP KICK PLATE
- OHS OVERHEAD STOP
- PH PANIC HARDWARE
- SS STAINLESS STEEL HARDWARE
- WMS WALL MOUNTED STOP
- WS WEATHERSTRIPPING
- PL PRIVACY LOCK
- OHS OVERHEAD STOP
- PH PANIC HARDWARE
- PV PIVOT HINGE
- SS STAINLESS STEEL
- ST SLIDING TRACK
- STC SOUND TRANSMISSION CONTROL
- STC DOOR STOP (WALL OR FLOOR)
- SFM FLOOR MOUNTED STOP
- TR TAMPER RESISTANT
- WS WEATHER STRIPPING

HARDWARE SETS:  
 \*SEE SPECIFICATIONS FOR ALL HARDWARE SET COORDINATIONS.

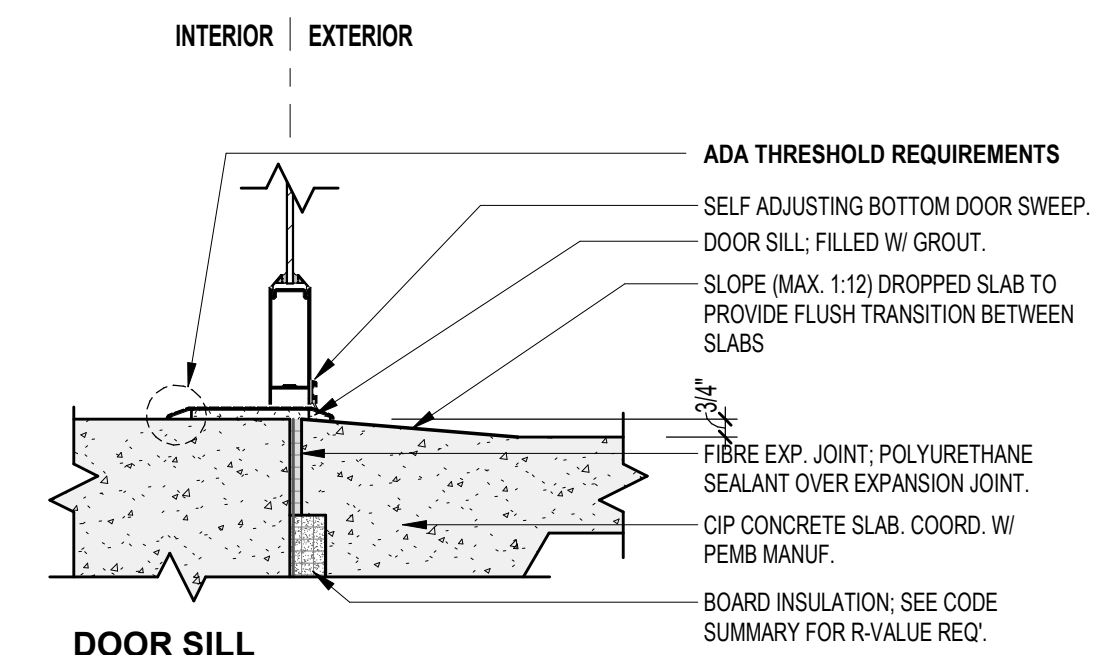
- 01 ENTRY DEADLOCK FUNCTION: CL, KL, KP, OHS, SS, WS
- 02 STORE ROOM FUNCTION: CL, KL, KP, WMS
- 03 OFFICE FUNCTION: CL, KL, KP, WMS
- 04 PRIVACY FUNCTION: CL, KP, PL, WMS
- 05 PASSAGE FUNCTION: CL, KP
- 06 OVERHEAD DOOR FUNCTION: SS, WS

HARDWARE FUNCTIONS:

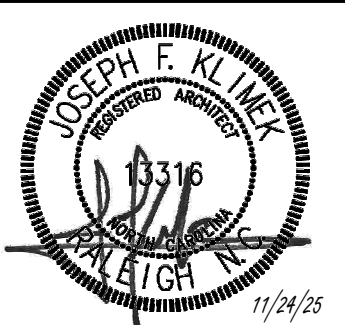
- ENTRY DEADLOCK FUNCTION: DEADBOLT BY KEY OUTSIDE, THUMBTURN INSIDE
- STORE ROOM FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE. THE OUTSIDE LEVER IS ALWAYS LOCKED. ONE MUST ALWAYS HAVE A KEY TO OPEN THE DOOR FROM THE OUTSIDE.
- OFFICE FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE. THE OUTSIDE LEVER IS LOCKED BY DEPRESSING A BUTTON ON THE INSIDE LEVER. A KEY IS USED TO UNLOCK THE OUTSIDE LEVER FROM THE OUTSIDE WHEN LOCKED.
- PRIVACY FUNCTION: THE OUTSIDE LEVER IS LOCKED BY USE OF A PUSH BUTTON ON THE INSIDE LEVER. THE OUTSIDE LEVER CAN BE UNLOCKED (NOT BY A KEY) BY THE USE OF SOME SIMPLE TOOL.
- PASSAGE FUNCTION: INSIDE AND OUTSIDE ARE ALWAYS OPERABLE.
- OVERHEAD COILING DOOR FUNCTION: LOCK WITH A SLIDE-ABLE LEVER AND PADLOCK FROM INSIDE.

NOTES:

- COORDINATE ALL SIZES, TYPES, MATERIALS, FINISHES, AND HARDWARE FENESTRATION MANUFACTURER.
- PANIC HARDWARE ON ANY DOOR OVERRIDES ANY OTHER HANDLE SET PUSH SIDE THAT HAS BEEN SPECIFIED.
- ALL DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON DOORS ARE REQUIRED TO BE ACCESSIBLE BY 2018 NC BUILDING AND FIRE CODES. THEY SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH DOOR HARDWARE SHALL BE 34-48 INCHES ABOVE FINISHED FLOOR. WHEN SLIDING DOORS ARE FULLY OPENED, THE OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. THESE REQUIREMENTS DO NOT APPLY TO LOOKS USED FOR SECURITY PURPOSES AND NOT IN USE FOR NORMAL OPERATION.
- TEMPERED GLAZING SHALL BE USED AS NOTED AND AS REQUIRED BY CODE.
- EXTERIOR DOOR GLAZING SHALL BE 5/8" TEMPERED INSULATION, TYP. U.N.O.
- ALL HOLLOW METAL DOOR FRAMES SHALL BE FULLY PERM. FACTORY PRIMED, AND FIELD PAINTED. COLOR PER OWNER. INSTALL PER MANUFACTURER FOR PROPER INSTALLATION AND OPERATION FOR SPECIFIC APPLICATIONS.
- ALL WOOD DOORS SHALL BE STAIN GRADE, SPECIES, AND COLOR PER OWNER.
- DOOR THRESHOLD SHALL BE 1/2" MAXIMUM HEIGHT AND COMPLY WITH ADA ACCESSIBILITY REQUIREMENTS PER NCBC 2018.



S1  
A6.0  
SILL AT EXT. DOOR  
1 1/2" = 1'-0"



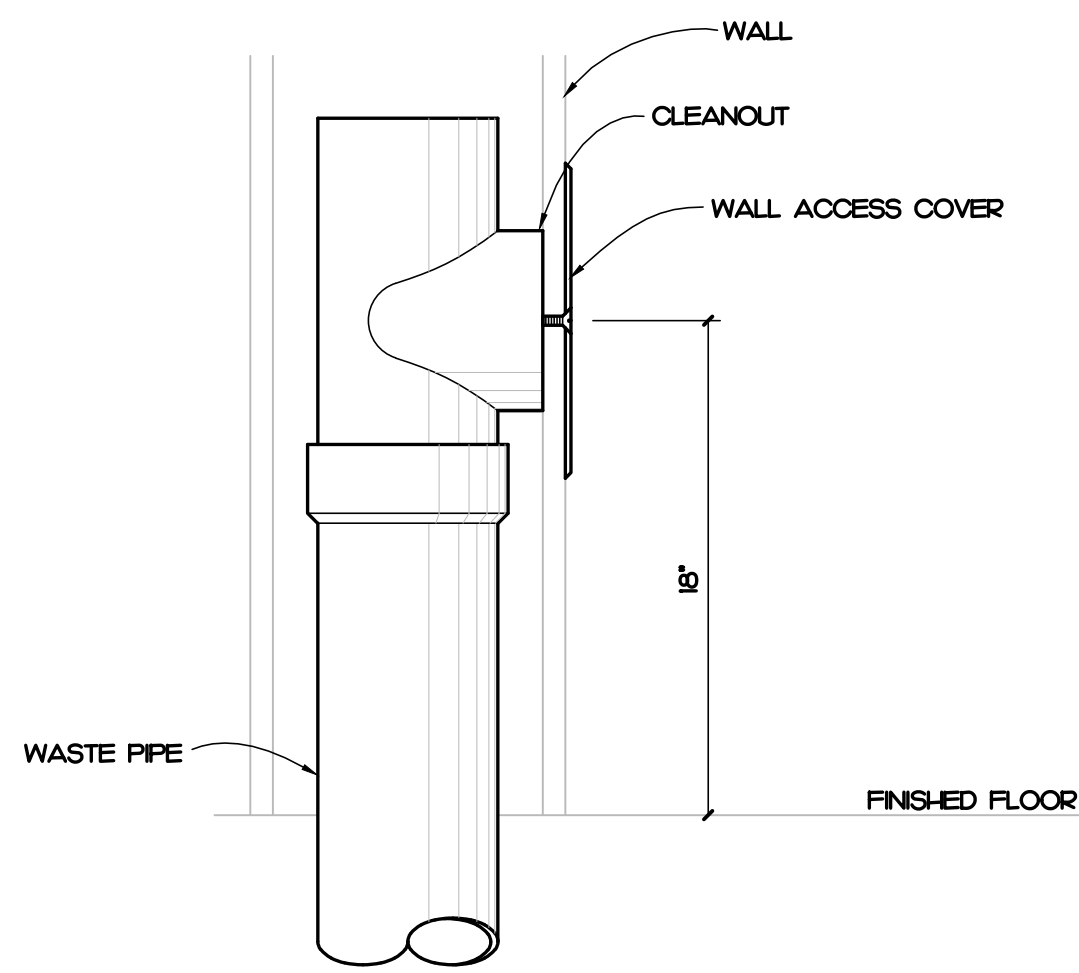
GENERAL NOTE:  
 Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date

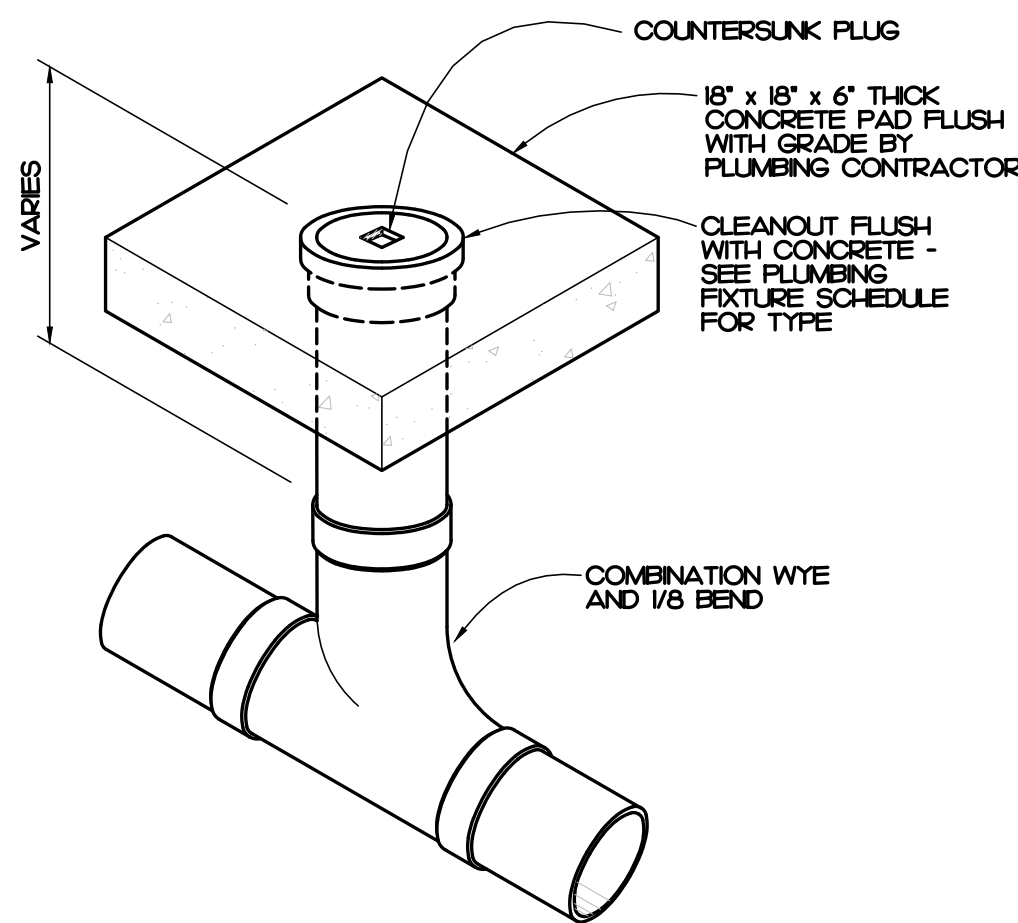
Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JK	A6.0
Checked By	
DG	

Sheet Title:  
 DOOR AND WINDOW SCHEDULES/DETAILS

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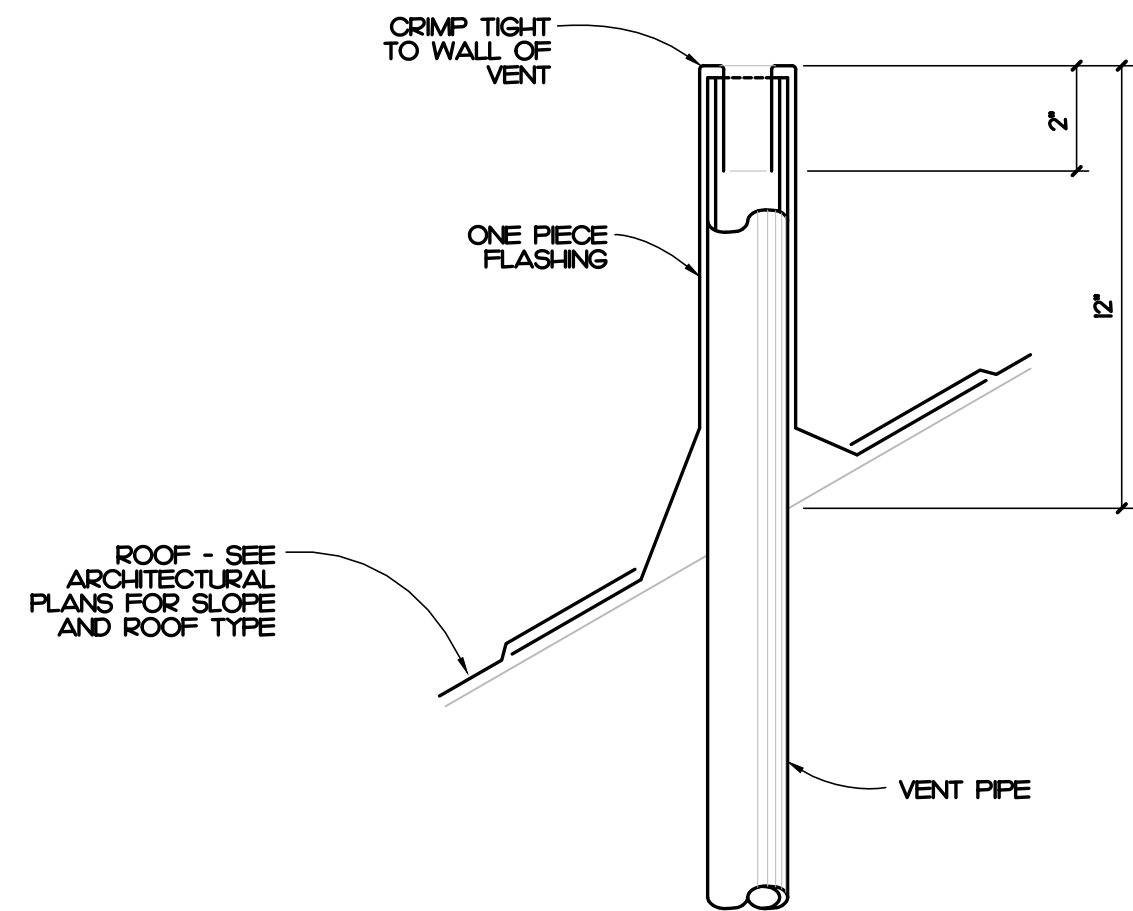


**1 WALL CLEANOUT DETAIL**  
P0.1 NOT TO SCALE



NOTE: SEE SITE AND/OR UTILITY PLAN FOR LOCATION AND FINISH GRADE ELEVATION

**2 FLOOR CLEANOUT DETAIL**  
P0.1 NOT TO SCALE



**3 VENT THROUGH ROOF DETAIL**  
P0.1 NOT TO SCALE

**PLUMBING FIXTURE SCHEDULE**

SYMBOL / IMAGE	DESCRIPTION	3 - EQUALS						PIPING CONNECTIONS		
		MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	COLD WATER	HOT WATER	SANITARY SEWER
CO-1	WALL CLEANOUT	ZURN	CO-243-PVC	MFAB		JR SMITH				SEE PLUMBING DRAWINGS
	ACCESS COVER	ZURN	CO-2530-SS	MFAB		JR SMITH				SEE PLUMBING DRAWINGS
	PVC CLEANOUT BODY AND PLUG TO BE GAS AND WATER TIGHT. PLUG TO HAVE A BRASS THREADED INSERT TO RECEIVE SECURING SCREW FOR STAINLESS STEEL ROUND ACCESS COVER.									
CO-2	EXTERIOR CLEANOUT	ZURN	Z-1449-EP	WATTS	CO-380-34B	JR SMITH	4283	-	-	SEE PLUMBING DRAWINGS
	CLEANOUT FERRULE WITH CAST IRON BODY, WITH GAS AND WATERTIGHT BRONZE PLUG, MOUNT IN CONCRETE.									
FD-1	FLOOR DRAIN	ZURN	ZN45S	WATTS	FD-100-M	MFAB	FK000-1	1/2"	-	3"
	FLOOR DRAIN TO HAVE A 3" WASTE BOTTOM OUTLET, CAST IRON BODY WITH ADJUSTABLE COLLAR, POLISHED 6" x 6" NICKEL BRONZE SQUARE HEELPROOF STRAINER, AND 1/2" TRAP PRIMER CONNECTION.									
FS-1	FLOOR SINK	ZURN	ZN904-3-33	WATTS	FS-740-H75	MFAB	FS730-75	-	-	3"
	12" x 12" x 8" DEEP CAST IRON BODY AND SQUARE SLOTTED MEDIUM DUTY 3/4" GRATE, AND ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.									
HH	ANTIFREEZE HOSE BIBB	WOODFORD	65	WATTS	HY-420	MFAB	MHY-5	3/4"	-	-
	ANTIFREEZE HOSE BIBB SHALL HAVE AUTOMATIC DRAINING WITH ANTI-SIPHON VACUUM BREAKER, 3/4" INLET AND OUTLET. EXTERIOR FINISH TO BE CHROME. PROVIDE WITH LOOSE TEE KEY FOR EACH HOSE BIBB. MOUNT 12" ABOVE FINISHED GRADE.									
H-2	WALL HYDRANT	ZURN	Z-1825	WATTS	HY-700	MFAB	MHY-45	3/4"	3/4"	-
	ANTIFREEZE SELF DRAINING, HOT AND COLD HOSE BIBB WITH ANTI-SIPHON INTEGRAL VACUUM BREAKER, HEAVY DUTY CHROME PLATED BRONZE HEAD CASTING, CHROME PLATED FACE PLATE, AND NICKEL BRONZE BOX WITH HINGED LOCKING COVER.									
IMH	ICE MAKER BOX	OATEY CO.	38574	GLY GRAY	AB9700	SIOUX CHIEF	696-G000MF	1/2"	-	-
	PLASTIC ICE MAKER BOX WITH 1/4 TURN BRASS BALL VALVE - COPPER SWEAT AND SUPPLY TUBE TO REFRIGERATOR. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.									
L-1	LAVATORY	KOHLER	K-264-O	AMERICAN STANDARD	O355O2	ZURN	Z5634			
	FAUCET	DELTA	523LF-HGM-DF	CHICAGO FAUCETS	2200-4	MOEN	8470			
	TRAP	McGUIRE	8902	DEARBORN BRASS	702-H	KOHLER	K-8999			2"
	SUPPLY	McGUIRE	58LK	BRASS CRAFT	R92AC	KOHLER	K-7605-P-CP	1/2"	1/2"	
	WALL HUNG LAVATORY SHALL BE MADE OF CAST IRON WITH A WHITE FINISH, HAVE 4" CENTERS, AN OVERFLOW. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. DECK MOUNTED FAUCET SHALL BE CHROME FINISH SINGLE LEVER, 4" CENTERS, WITH 3/8" COPPER SUPPLY TUBE INLETS, AND PROVIDED WITH AN AERATOR. RIGID SUPPLY KIT SHALL INCLUDE CHROME PLATED BRASS STOPS WITH THREADED CONNECTIONS, FULL TURN BRASS STEM REDUCER, AND FLANGE. INLET SHALL BE 3/8" IPS. OUTLET SHALL BE 3/8" IPS. P-TRAP SHALL BE CHROME PLATED CAST BRASS BODY WITH CLEANOUT, CAST BRASS ELBOW AND CAST BRASS SLIP NUT, AND SHALL BE PROVIDED WITH OFFSET DRAIN, TRUEBRO LAV SHIELD, AND WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 OR CSA B25.3.									
MR-1	MOP RECEPTOR	STERN WILLIAMS	SB-900	FIAT	TSB00					3"
	FAUCET	STERN WILLIAMS	T-10-VB	CHICAGO	897RCF	MOEN	824	1/2"	1/2"	
	HOSE	STERN WILLIAMS	T-35	FIAT	832AA					
	MOP BRACKET	STERN WILLIAMS	T-40	FIAT	889CC					
	MOP RECEPTOR SHALL BE 24" x 24" x 12" DEEP WITH ONE PIECE STAINLESS STEEL CAP, NO FLANGES.									
S-1	COMPARTMENT SINK	JUST	SN-ADA-23A-GR	ELKAY						
	FAUCET	DELTA	7H-WF-DF	MOEN	7437	KOHLER		1/2"	1/2"	
	TRAP	McGUIRE	8902	KOHLER	K8999	DEARBORN BRASS	702-H			2"
	SUPPLY	McGUIRE	I70	KOHLER	K-76-6-P	BRASSCRAFT	CS400AC			
	STRAINER	JUST	JB-99	ELKAY	LK-99	DEARBORN	L7			
	SINK IS TO BE 16 GAUGE STAINLESS STEEL, SELF-RIMMING, DECK MOUNTED FAUCET SHALL BE CHROME FINISH, WITH 1/2" INLET AND PROVIDED WITH AN AERATOR. RIGID SUPPLY KIT SHALL INCLUDE CHROME PLATED BRASS STOPS WITH THREADED CONNECTIONS AND FLANGE. INLET AND OUTLET SHALL BE 3/8" IPS. PROVIDE WITH PROVIDE WITH McGUIRE PROWRAP INSULATOR, PROVIDE WITH SPRAYER, DISHWASHER CONNECTION, AND DISPOSAL IF REQUIRED BY ARCHITECT.									
S-2	WASH SINK	ADVANCE TABCO	FC-2424-24RL							
	FAUCET	ADVANCE TABCO	K-1	JUST						
	TRAP	ADVANCE TABCO	K-27	McGUIRE						2"
	SUPPLY	McGUIRE	58LK	ELER	802-035	KOHLER	K-760HP	1/2"	1/2"	
	16-GAUGE STAINLESS STEEL WASH SINK WITH (2) 24" DRAINBOARDS, 8" CENTERS. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. SPLASH MOUNTED FAUCET SHALL BE CHROME FINISH, 8" CENTERS, AND PROVIDED WITH AN AERATOR. RIGID SUPPLY KIT SHALL INCLUDE CHROME PLATED BRASS STOPS WITH THREADED CONNECTIONS, FULL TURN BRASS STEM, REDUCER AND FLANGE. P-TRAP SHALL BE CHROME PLATED AND PROVIDED WITH FLANGE.									
TP-1	TRAP PRIMER	MFAB	MR-500					1/2"	-	-
	PRESSURE DROP ACTIVATED BRASS TRAP SEAL PRIMER, WITH INLET OPENING OF 1/2" MALE N.P.T. AND OUTLET OPENING OF FEMALE 1/2" N.P.T. SERVES UP TO 6 FLOOR DRAIN TRAPS.									
WC-1	WATER CLOSET	KOHLER	K-96057-O	SLOAN	ST-2029	AMERICAN STANDARD	2305100			4"
	SEAT	BEMIS	K655SC	KOHLER	K-4670-C-O	CHURCH	9500C			
	VALVE	SLOAN	II	DELANY	F402H	ZURN	Z6000-WSI	1"	-	
	TOILET SHALL BE MADE OF VITREOUS CHINA WITH A WHITE FINISH AND A 12" ROUGH-IN AND 1 1/2" TOP SPUD. SEAT SHALL BE EXTRA HEAVY WEIGHT SOLID PLASTIC WITH OPEN FRONT LESS COVER FOR ELONGATED BOWL. EXPOSED CHROME PLATED FLUSH VALVE WITH 1 1/2" CHROME PLATED SPUD COUPLING AND FLANGE. THE FLUSH VALVE MECHANISM SHALL BE PLACED ON THE WIDE SIDE OF THE STALL.									

**PLUMBING SCHEDULE NOTES AND LEGEND:**

1. THE PLUMBING CONTRACTOR MAY SUBSTITUTE FIXTURES WITH OWNERS' APPROVAL.
  2. SUBMIT CUT SHEETS FOR ALL PROPOSED FIXTURES TO ARCHITECT PRIOR TO BIDDING.
  3. PROVIDE VACUUM BREAKER ON ALL EQUIPMENT REQUIRING PLUMBING.
  4. REFER TO MANUFACTURERS WEB SITE FOR CUT SHEETS AND DATA ON THE FIXTURES AND APPURTENANCES USED IN THIS SCHEDULE.
- ADA COMPLIANT  
 ELECTRICAL POWER  
 GAS FIRED

**PLUMBING GENERAL NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
2. ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE PLUMBING CONTRACTOR.
3. ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMAN, THE PLUMBING CONTRACTOR SHALL COORDINATE ALL OF HIS WORK WITH ALL OTHER CONTRACTORS.
4. THE PLUMBING PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO PURCHASING MATERIALS AND INSTALLATION. ALL DISCREPANCIES OR INTERFERENCE'S SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
5. THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS.
6. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK. THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR AND FINISHING BY GENERAL CONTRACTOR.
7. ALL PIPE, FITTINGS, FIXTURES, AND SOLDER TO BE LEAD FREE.
8. WATER PIPING BELOW GRADE SHALL BE TYPE 1X COPPER (NO JOINTS BELOW GRADE) AND ABOVE GRADE TYPE 1X COPPER. SUPPORTED AS REQUIRED AND SHALL BE HYDROSTATICALLY TESTED FOR ONE HOUR AT 50 PSI. TEST TO COMPLY WITH ALL EPA STANDARDS. THE ENTIRE WATER DISTRIBUTION SYSTEM SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE.
9. WATER PIPING LOCATED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF CEILING INSULATION (UNDERSIDE) AND WALL INSULATION (INSIDE).
10. ALL COLD AND HOT WATER PIPING SHALL BE INSULATED. INSULATE WASTE PIPING AS DESIGNATED ON PLUMBING DRAWINGS. INSULATION SHALL BE FIBERGLASS. EXPOSED PIPING TO BE WRAPPED WITH ALUMINUM JACKET.
11. WATER SHUT-OFF VALVES ABOVE FINISHED CEILING ARE TO BE FREE FROM OBSTRUCTIONS SUCH AS DUCTWORK, LIGHTS, WIRES AND OTHER PIPING SO AS TO PROVIDE EASY ACCESS. MOUNT NO MORE THAN 2'-0" ABOVE FINISHED CEILING.
12. PLUMBING CONTRACTOR SHALL PROVIDE A DIELECTRIC UNION WHEN CONNECTING DISSIMILAR MATERIAL.
13. WATER HEATERS SHALL HAVE AND EFFICIENCY MEETING REQUIREMENTS OF THE NORTH CAROLINA BUILDING CODE.
14. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT FURNISHED UNDER HIS CONTRACT.
15. SANITARY SEWER AND VENT PIPING SHALL BE SCHEDULE 40 PVC, CELLULAR CORE (FOAM CORE) IS NOT ALLOWED. SANITARY SEWER AND VENT PIPING SHALL BE GAS AND AIR TIGHT.
16. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION OF ANY WORK.
17. THE PLUMBING CONTRACTOR SHALL REVIEW ALL UTILITY SITE PLANS FOR WORK BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH WORK BY OTHERS AND AVOID ALL CONFLICTS.
18. LOCATIONS OF UTILITIES (WASTE AND WATER PIPING, ETC.) PROVIDED BY OTHERS, THAT ARE TO BE CONNECTED TO ARE ASSUMED. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY THESE LOCATIONS AND MAKE FINAL CONNECTIONS AS REQUIRED.
19. VERIFY THE LOCATION OF ALL EQUIPMENT SUPPLIED BY OTHERS.
20. PROVIDE VACUUM BREAKERS ON ALL EQUIPMENT DIRECTLY CONNECTED TO THE WATER SYSTEM.
21. ALL VENT PIPING THROUGH THE ROOF SHALL BE A MINIMUM OF 5'-0" FROM ALL MAKE-UP AIR INLETS OR A MINIMUM OF 2'-0" ABOVE THE TOP OF ALL MAKE-UP AIR INLETS. VENTS THROUGH ROOF ARE TO BE ON REAR OF BUILDING.
22. SEE ARCHITECTURAL DRAWINGS FOR PLUMBING MINIMUM FACILITY CALCULATIONS.
23. ALL INDIRECT WASTE IS TO BE PROVIDED WITH AN AIR GAP 2 TIMES THE SIZE OF THE WASTE INLET.
24. THE PLUMBING CONTRACTOR SHALL VERIFY BUILDING FLOOR ELEVATION IS ABOVE MAN-HOLE RM ELEVATION OR PROVIDE A BACKWATER VALVE AS REQUIRED.
25. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR DEMOLITION AT NO COST TO THE OWNER.
26. THE PLUMBING CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF AS-BUILT DRAWINGS UPON COMPLETION OF PROJECT.

**PLUMBING SYMBOL LEGEND**

SYMBOL	DESCRIPTION
	COLD WATER PIPING
	WATER PIPING DIRECTION OF FLOW
	COLD WATER PIPING BELOW FINISHED FLOOR
	HOT WATER PIPING
	BALL VALVE
	WATER PIPING TURNED DOWN
	WATER PIPING TURNED UP
	PIPING SIDE CONNECTION
	TRAP PRIMER
	SANITARY SEWER / WASTE PIPING
	SANITARY SEWER / WASTE PIPING DIRECTION OF FLOW
	VENT PIPING
	VENT PIPE UP
	NON FREEZE WALL HYDRANT
	PLUMBING FIXTURE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR
	PLUMBING FIXTURE PROVIDED BY OTHERS AND INSTALLED BY PLUMBING CONTRACTOR
	FLOOR CLEANOUT
	WALL CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	BELOW FINISHED GRADE
	BELOW FINISHED FLOOR
	ELECTRICAL EQUIPMENT BY ELECTRICAL CONTRACTOR. ROUTE PIPING TO AVOID.
	B.F.G.
	B.F.F.
	E.C.

**PLUMBING LOAD SUMMARY**

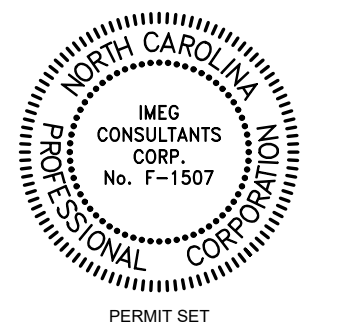
SANITARY SEWER DEMAND FU	WATER DEMAND FU	WATER DEMAND GPM
21.0	29.0	42.0

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NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
 512 FOOD PANTRY  
 17247 NC W., SANFORD, NC 27332



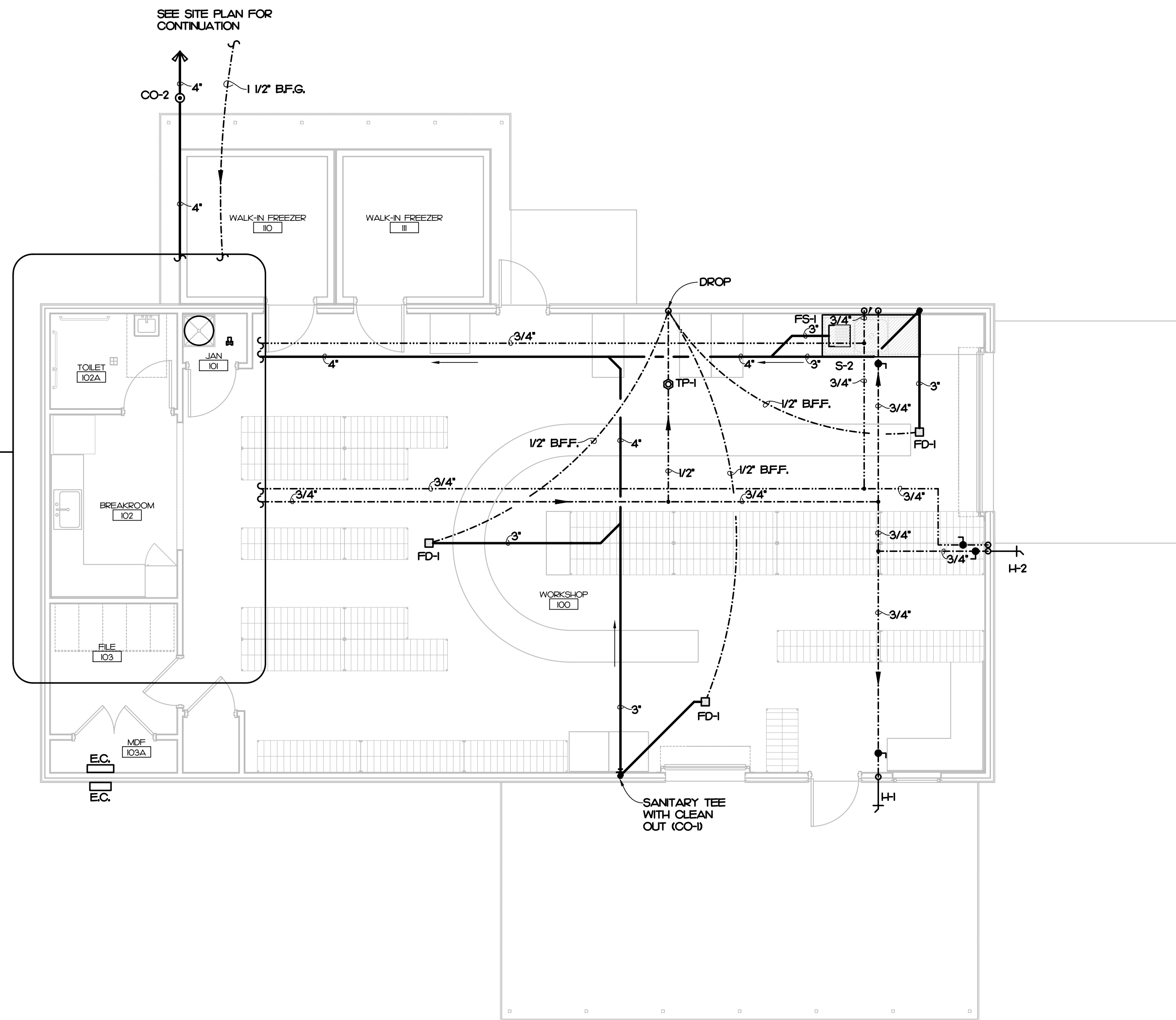
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Revisions	Description	Date

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JAD	P0.1
Checked By	Sheet Title
PJM	PLUMBING NOTES, LEGENDS, FIXTURE SCHEDULE AND DETAILS

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1&2  
P1.2



1 PLUMBING PLAN  
P1.1 3/16" = 1'-0"

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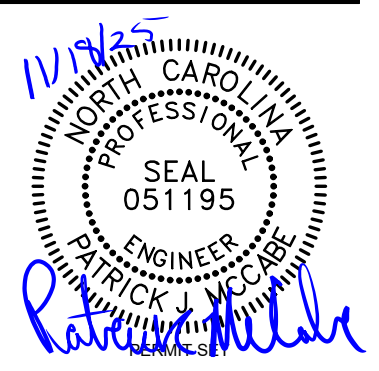
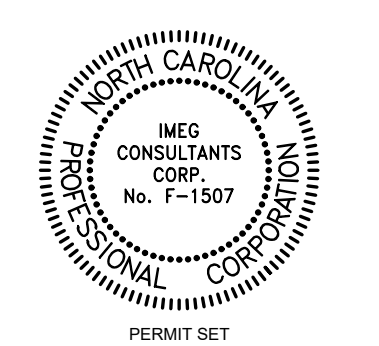
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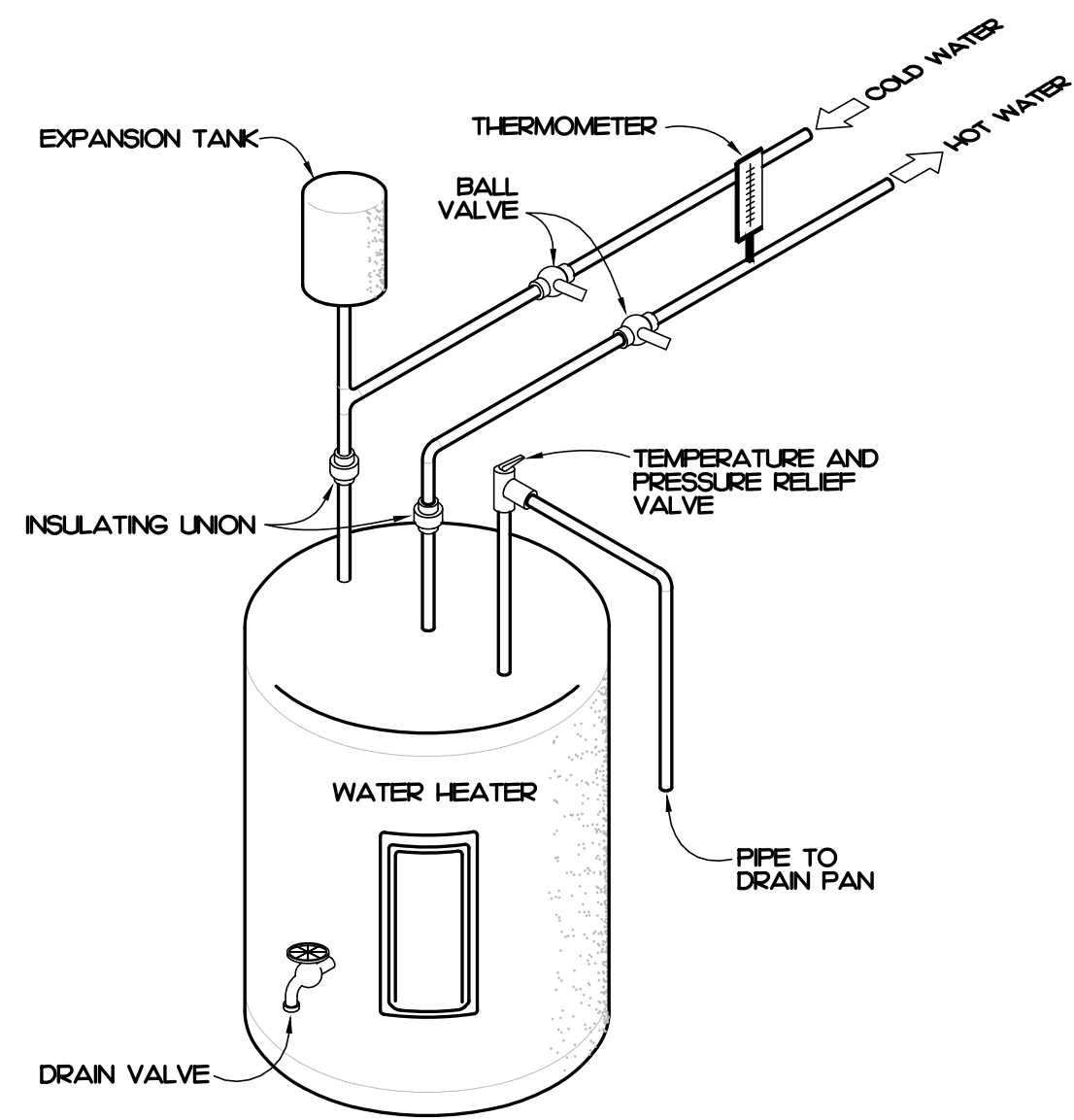
NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
5N2 FOOD PANTRY  
17247 NC W., SANFORD, NC 27332



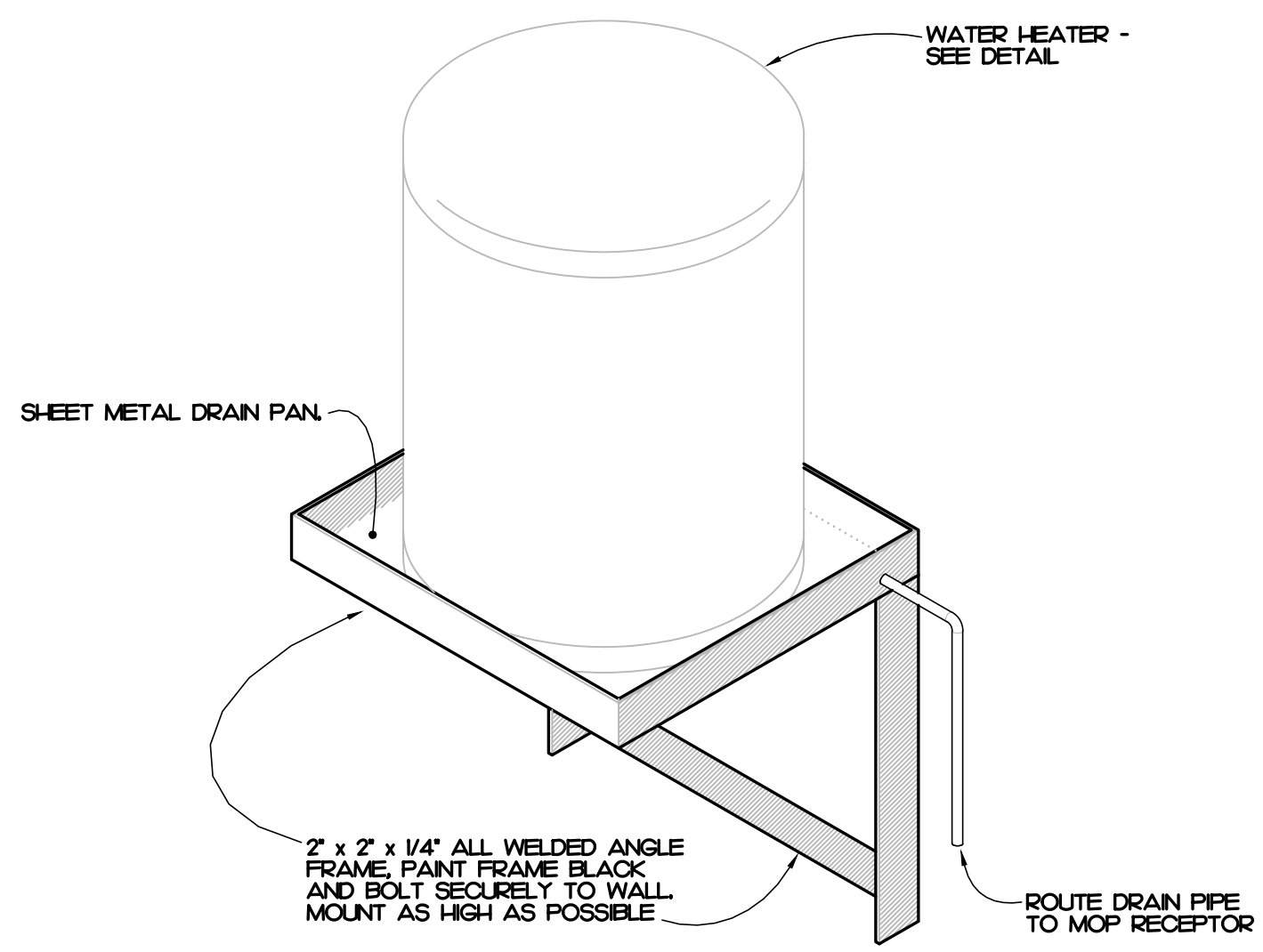
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Revisions	Description	Date

Date	Project No.
11/24/25	25003
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Checked By	
PJM	
Sheet Title	
PLUMBING PLAN	



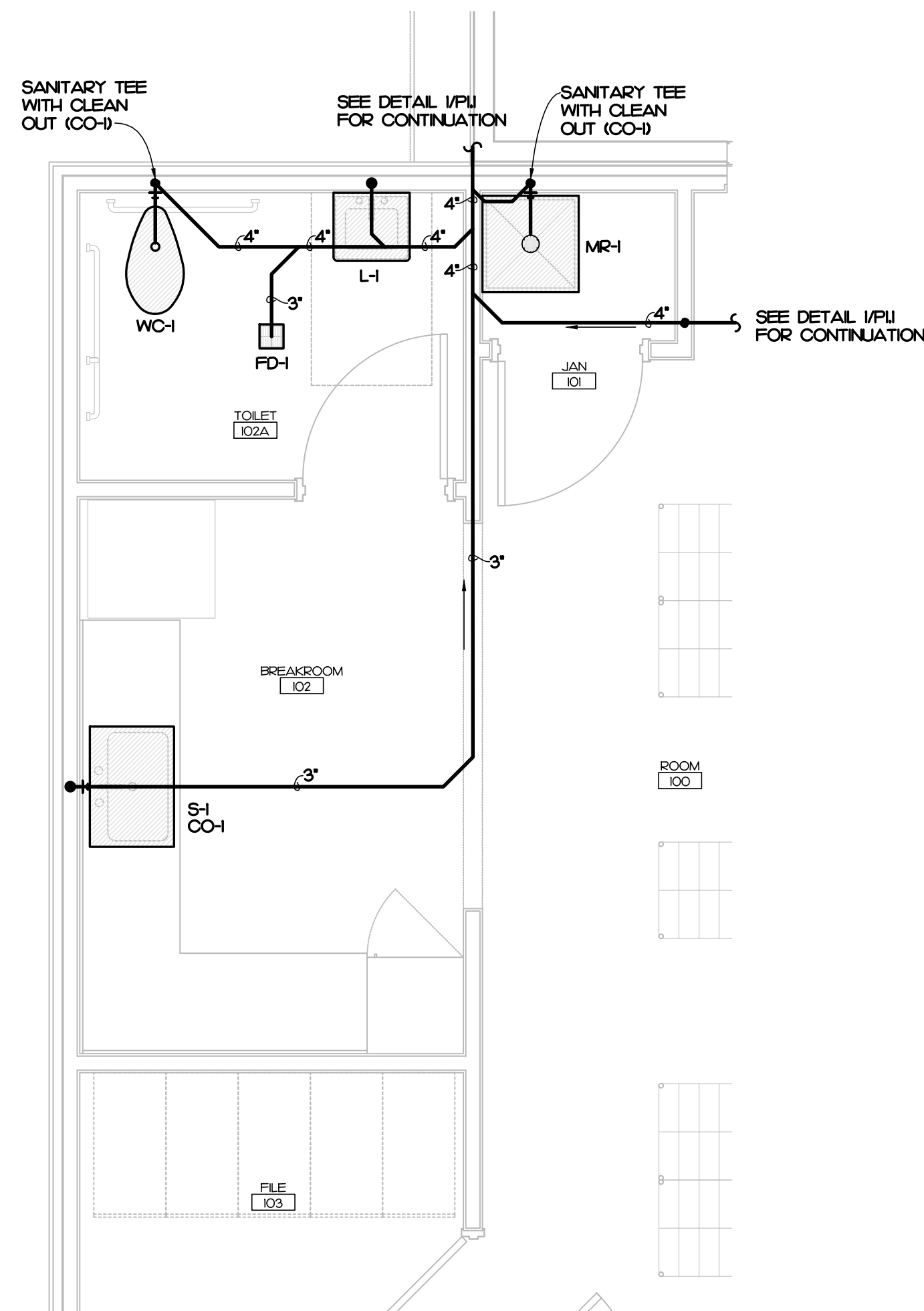
**4 WATER HEATER DETAIL (WH-1)**  
P12 NOT TO SCALE



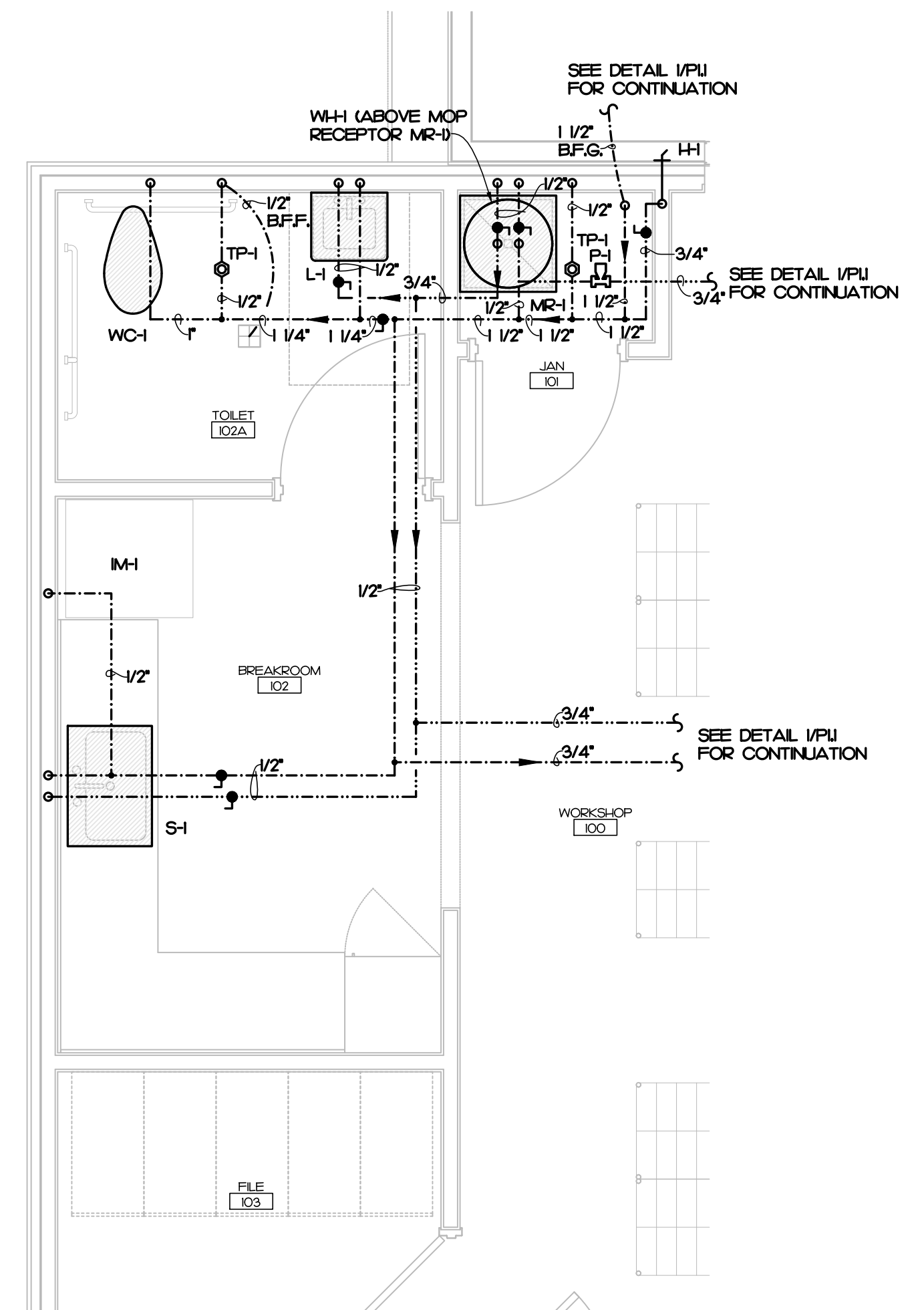
**3 WATER HEATER MOUNTING DETAIL (WH-1)**  
P12 NOT TO SCALE

SYMBOL / IMAGE		DESCRIPTION				3 - EQUALS			PIPING CONNECTIONS		
		MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	COLD WATER	HOT WATER	SANITARY SEWER	
WH		STATE INDUSTRIES	PCE 40 20LSA	A.O. SMITH				3/4"	3/4"		
P-1		B & G	PL36								

PLUMBING SCHEDULE NOTES AND LEGEND:  
 1. THE PLUMBING CONTRACTOR MAY SUBSTITUTE FIXTURES WITH OWNERS' APPROVAL.  
 2. SUBMIT CUT SHEETS FOR ALL PROPOSED FIXTURES TO ARCHITECT PRIOR TO BIDDING.  
 3. PROVIDE VACUUM BREAKER ON ALL EQUIPMENT REQUIRING PLUMBING.  
 4. REFER TO MANUFACTURERS WEB SITE FOR CUT SHEETS AND DATA ON THE FIXTURES AND APPURTENANCES USED IN THIS SCHEDULE.  
 ADA COMPLIANT  
 ELECTRICAL POWER  
 GAS FIRED



**1 PLUMBING ENLARGED PLAN - WASTE PIPING**  
P12 3/8" - 1'-0"



**2 PLUMBING ENLARGED PLAN - WATER PIPING**  
P12 3/8" - 1'-0"

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NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
 5N2 FOOD PANTRY  
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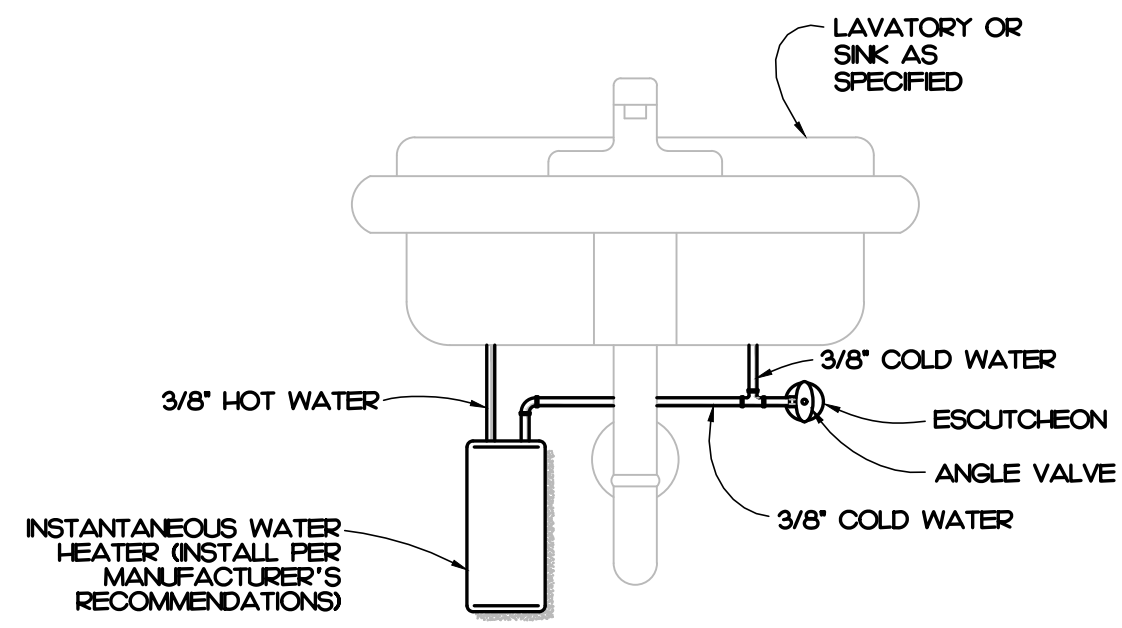
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 051195  
 ENGINEER  
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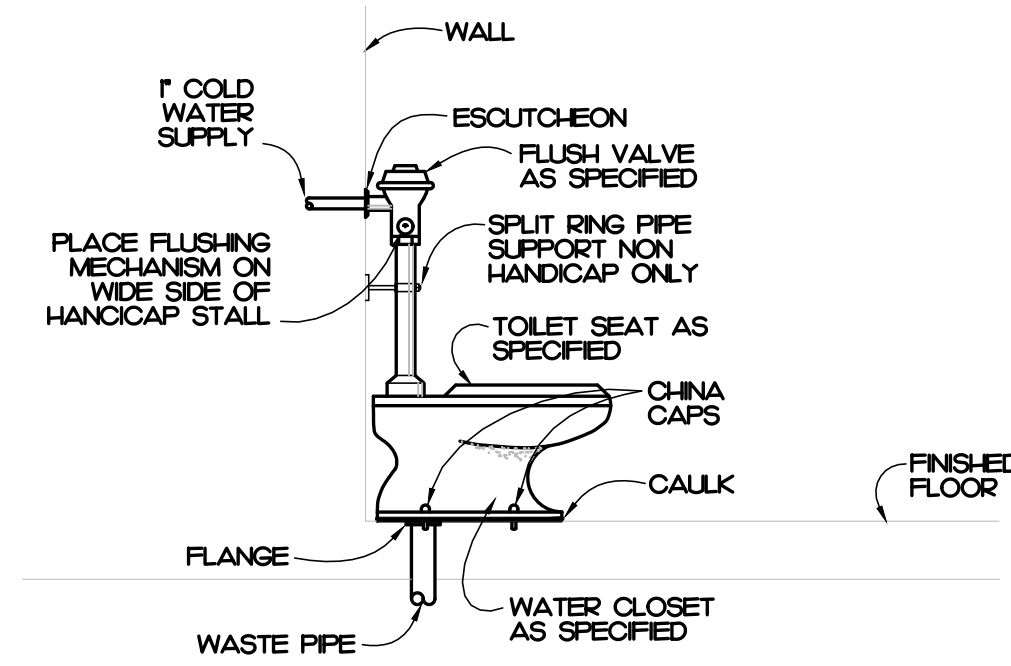
Revisions	Description	Date
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Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
JAD	P1.2
Checked By	
PJM	
Sheet Title	
PLUMBING ENLARGED PLANS	

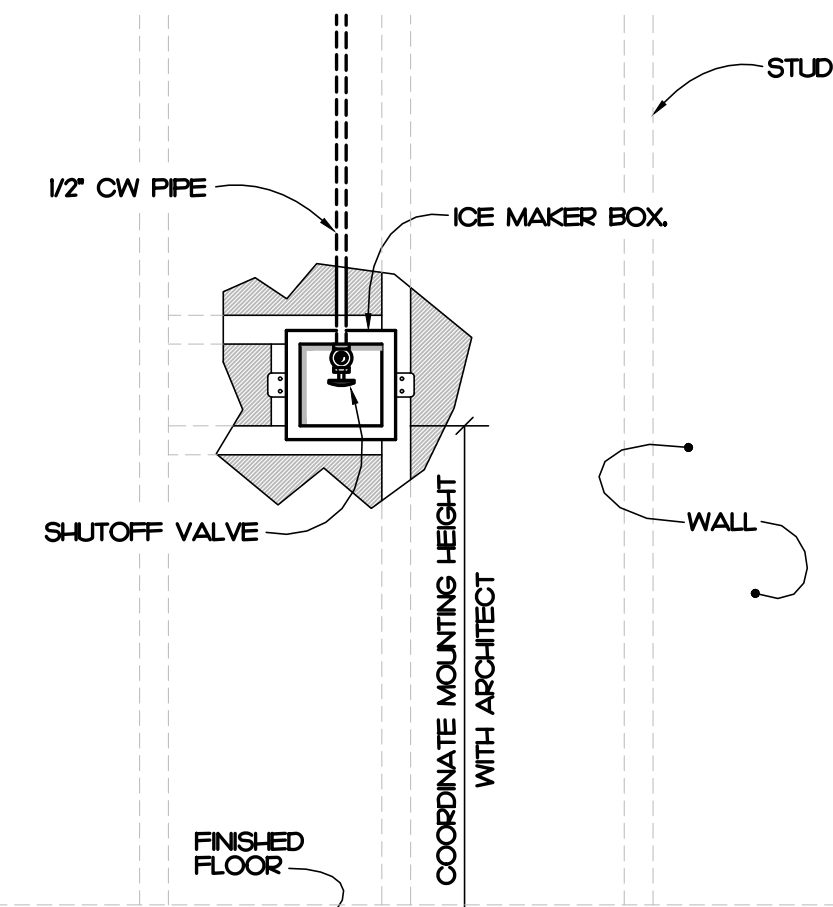
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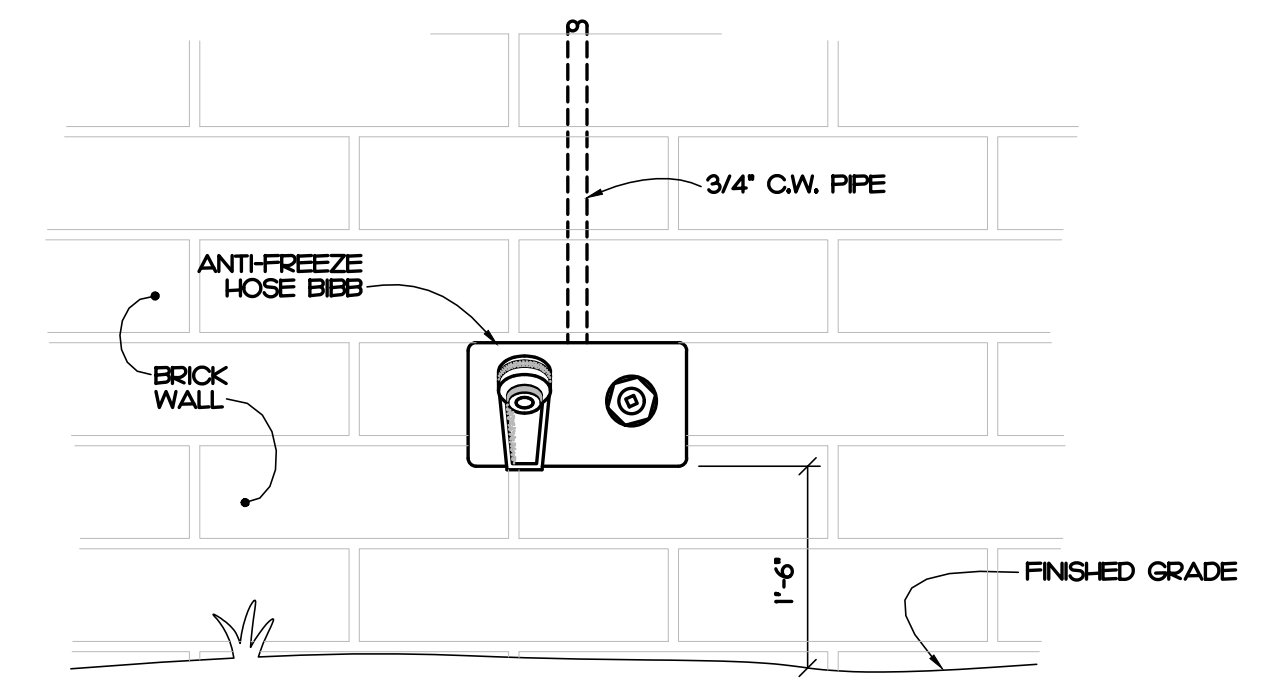
**7 WATER HEATER DETAIL (WH-2)**  
P2.1 NOT TO SCALE



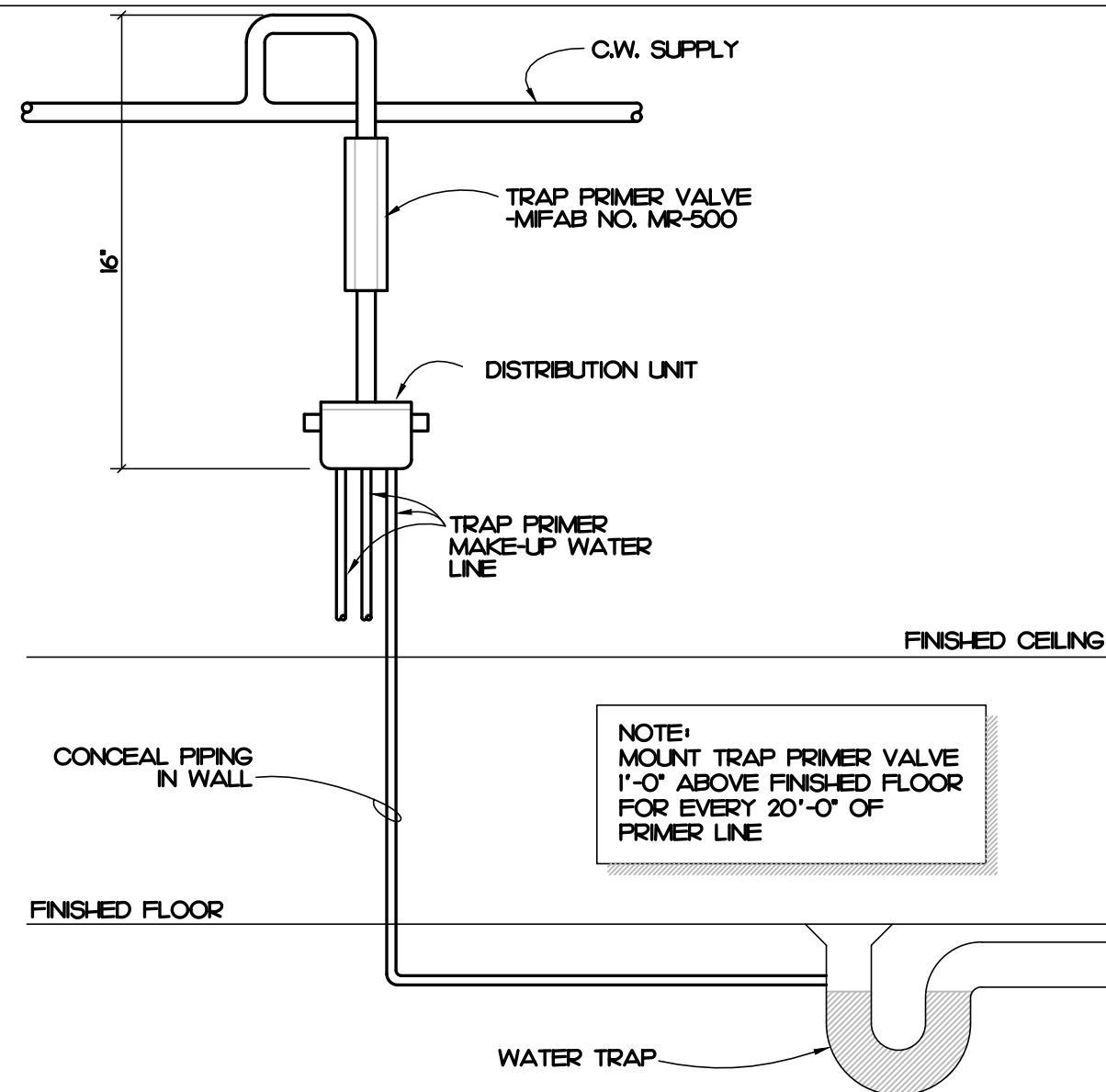
**4 WATER CLOSET DETAIL**  
P2.1 NOT TO SCALE



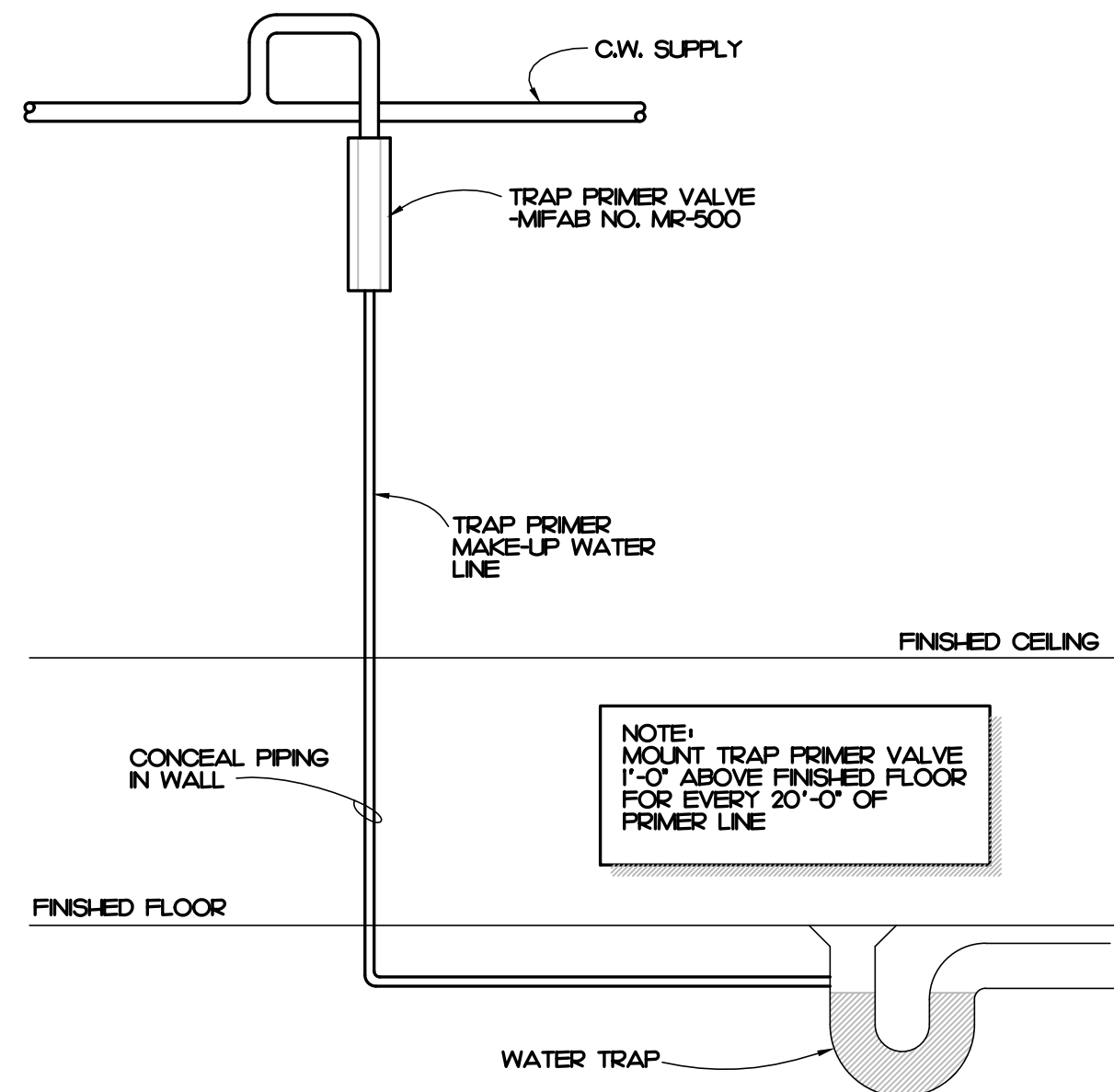
**3 ICE MAKER DETAIL**  
P2.1 NOT TO SCALE



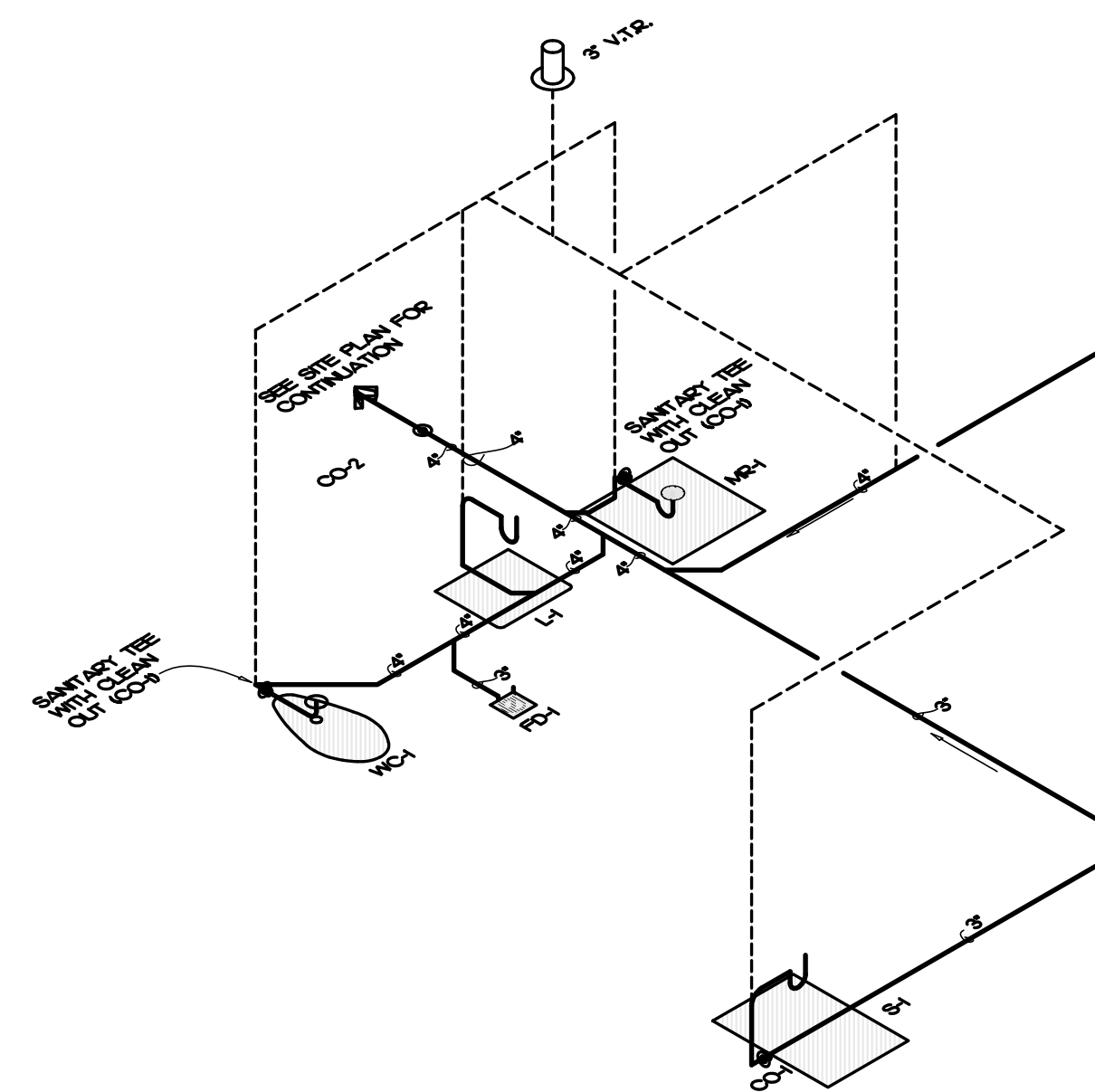
**2 HOSE BIBB DETAIL**  
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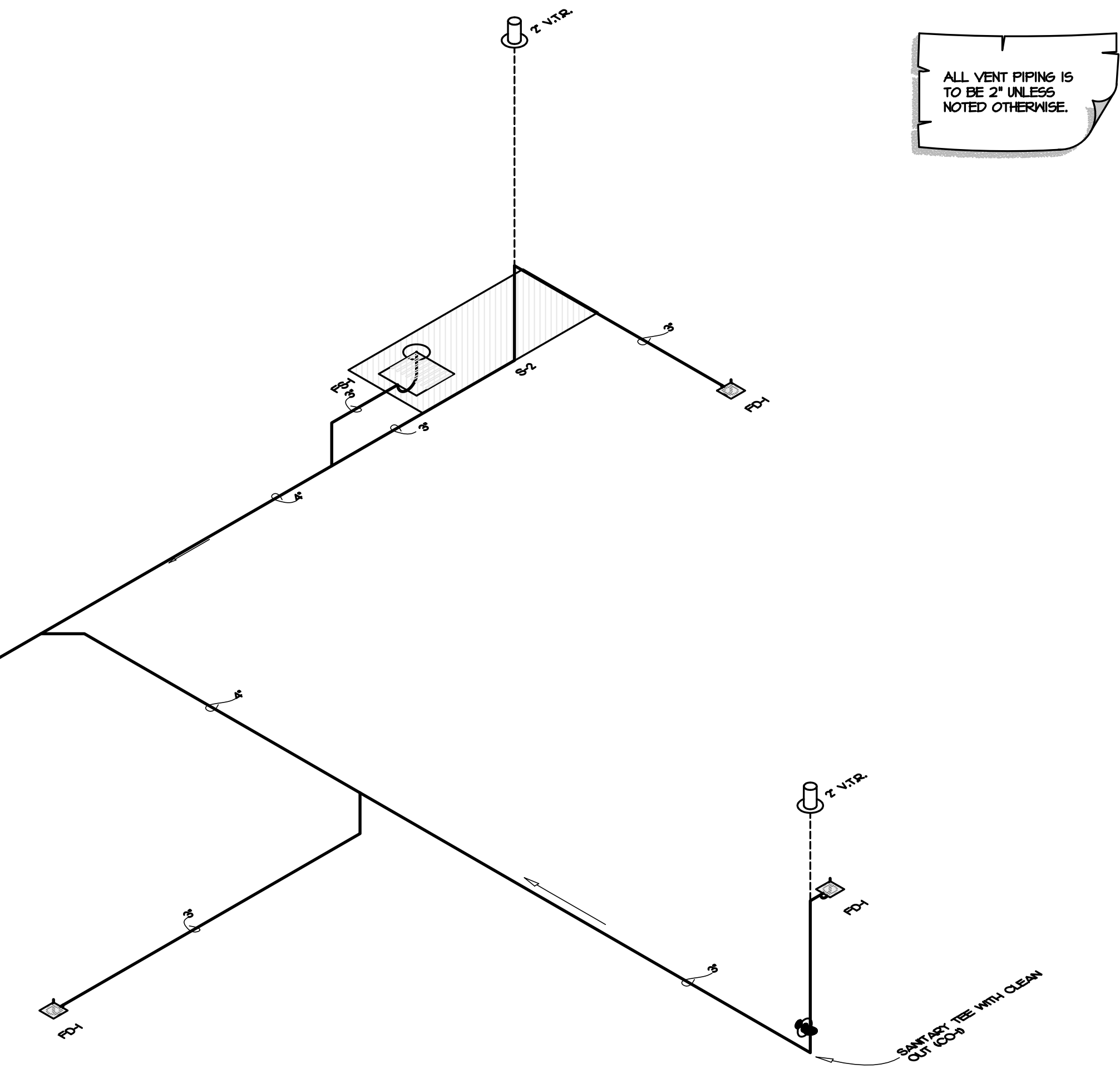
**8 TRAP PRIMER DETAIL (MULTIPLE)**  
P2.1 NOT TO SCALE



**9 TRAP PRIMER DETAIL (SINGLE)**  
P2.1 NOT TO SCALE



**1 WASTE RISER**  
P2.1 NOT TO SCALE



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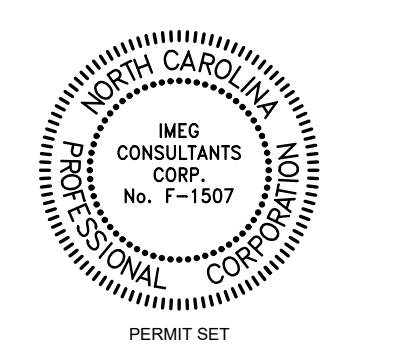
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NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
5N2 FOOD PANTRY  
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	PLUMBING DETAILS AND WASTE RISER

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## SPLIT-SYSTEM HEAT PUMP SCHEDULE

INSIDE UNIT						OUTSIDE UNIT						NOTES							
MARK	BASIS OF DESIGN	FAN CFM	SUPP. HEAT SP. HP	ELECTRICAL POWER FLA	MOCP	MARK	BASIS OF DESIGN	TOTAL CAPACITY SENSIBLE	HEATING CAPACITY	ELECTRICAL POWER FLA	MOCP		EFFICIENCY COOLING	HEATING					
AHJH	TRANSFORMER 5TMR205AC41	1400	0.5	1/2	9.6 kW	230/1	439	60	HP-1	TRANSFORMER 5TMR24042	38.7 MEH	28.4 MEH	24.6 MEH	230/1	19.7	40	14.3 SEER2	7.5 HSPF2	I-7

**NOTES:**

1. PROVIDE WITH HEAVY DUTY FUSIBLE DISCONNECT ON INDOOR AND OUTDOOR UNITS.
2. PROVIDE WITH SINGLE POINT ELECTRICAL CONNECTION ON INDOOR UNIT.
3. PROVIDE WITH PROGRAMMABLE THERMOSTAT WITH 10 HR BATTERY BACKUP, AUTO CHANGEOVER AND 2 HOUR OVERRIDE.
4. SEE OUTSIDE AIR SUMMARY FOR OUTSIDE AIR INTAKE FLOW SETTINGS.
5. ROUTE CONDENSATE TO EXTERIOR SPLASH BLOCK.
6. PROVIDE WITH LOW AMBIENT CONTROLS FOR OPERATION DOWN TO 0 DEGREES FAHRENHEIT.
7. PROVIDE WITH 2" FLEATED FILTER RACK AND FILTER AT UNIT.

## EXHAUST FAN SCHEDULE

MARK	BASIS OF DESIGN	SERVICE	TYPE	CFM	RPM	HP/AMPS	S.P.	POWER	NOTES
EF-1	BOOK GC-140	TOILET	CABINET FAN	105	1500	67 Watts	0.25"	120/1	I-3

**NOTES:**

1. PROVIDE WITH DISCONNECT SWITCH.
2. PROVIDE WITH BACKDRAFT DAMPER.
3. CONTROL VIA LIGHT SWITCH BY E.C.

## GRILLE & DIFFUSER SCHEDULE

MARK	BASIS OF DESIGN	SERVICE	TYPE	MAX. CFM	FACE SIZE	NECK SIZE	NOTES
SD-6	PRICE SDG 4 CONE	SUPPLY	LOUVERED LAY-IN	100	24X24	6"	I-3
SG-A	PRICE SDG	SUPPLY	DUCT MOUNTED	200	14X4	-	I-5
RA	PRICE SDG	RETURN	SURFACE MOUNT	1000	24X24	SEE DWG	I-3

**NOTES:**

1. COORDINATE FINISH WITH ARCHITECT.
2. GRILLE TO HAVE FULLY LOUVERED FACE.
3. PROVIDE WITH INSULATED SHEET METAL FLENUM.
4. FRAME FOR SURFACE MOUNTING.
5. PROVIDE WITH EXTRACTOR AND FRAME FOR DUCT MOUNTING.

**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT METHOD OF COMPLIANCE**

PRESCRIPTIVE  ENERGY COST BUDGET

THERMAL ZONE 4A

**EXTERIOR DESIGN CONDITIONS**

winter dry bulb: 16°F  
summer dry bulb: 93°F  
relative humidity: 46%

**INTERIOR DESIGN CONDITIONS**

winter dry bulb: 70°F  
summer dry bulb: 74°F  
relative humidity: 50%

BUILDING HEATING LOAD: BLOCK LOAD = 211 MEH  
BUILDING COOLING LOAD: BLOCK LOAD = 42.0 MEH (3.5 TONS)

**MECHANICAL SPACING CONDITIONING SYSTEM**

Unitary:

description of unit:  
heating efficiency:  
cooling efficiency:  
heat output of unit:  
cooling output of unit: } SEE SCHEDULES ON THIS SHEET

Boiler: NA  
total boiler capacity, if oversized state reason.

Chiller: NA  
total chiller capacity, if oversized state reason.

LIST EQUIPMENT EFFICIENCIES: SEE SCHEDULES ON THIS SHEET

**EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS)**

motor horsepower:  
number of phases:  
minimum efficiency:  
motor type:  
# of poles: } SEE SCHEDULES ON THIS SHEET

**DESIGNER STATEMENT**

To the best of my knowledge and belief, the design of this building complies with the mechanical systems, service systems and equipment requirements of the North Carolina State Energy Code.

SIGNED: Patrick McCabe

NAME: Patrick J. McCabe, P.E.

TITLE: Professional Engineer

## GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
  2. ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE MECHANICAL CONTRACTOR (M.C.) OF THEIR WORK WITH ALL OTHER CONTRACTORS.
  3. ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMAN. THE M.C. SHALL COORDINATE ALL OF THEIR WORK WITH ALL OTHER CONTRACTORS.
  4. THE MECHANICAL PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO PURCHASING MATERIALS AND INSTALLATION. ALL DISCREPANCIES OR INTERFERENCES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
  5. THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS.
  6. THE M.C. SHALL BE RESPONSIBLE FOR ALL ELECTRICAL STARTERS, INTERLOCKS, CONTROL WIRING, THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER WIRING, CONDUIT FROM THE DISCONNECT TO M.C. EQUIPMENT. THE M.C. SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTION TO THEIR EQUIPMENT.
  7. INSTALL FLEXIBLE CONNECTORS ON SUPPLY AND RETURN DUCTWORK AT ALL AIR HANDLING UNITS.
  8. INSTALL TURNING VANES IN ALL DUCTS AT ELBOWS. PROVIDE BALANCING AND SPLITTER DAMPERS WHERE SHOWN AND AS REQUIRED FOR SYSTEM BALANCING.
  9. ALL THERMOSTATS, WIRING AND CONDUIT ARE TO BE FURNISHED BY THE M.C. MOUNT THERMOSTATS 4'-0" ABOVE THE FLOOR, UNLESS OTHERWISE NOTED.
  10. THE M.C. SHALL INSURE THAT ALL MECHANICAL EQUIPMENT INSTALLED UNDER THEIR CONTRACT SHALL OPERATE FREE OF OBJECTIONABLE NOISE AND VIBRATION.
  11. THE M.C. SHALL KEEP THE PREMISES CLEAR OF DEBRIS FROM THEIR WORK DURING CONSTRUCTION AND LEAVE THE AREA AND BUILDING CLEAN AT THE COMPLETION OF THEIR WORK. THEY SHALL ALSO LEAVE CLEAN ALL EXPOSED EQUIPMENT IN THEIR CONTRACT.
  12. FLEXIBLE DUCT RUNOUTS SHALL BE A MAXIMUM OF 14'-0".
  13. ALL FLEXIBLE DUCT RUNOUTS SHALL INCLUDE INSULATED DAMPERED BOOTS AT THE POINT OF CONNECTION WITH RECTANGULAR DUCT. PROVIDE ALL FLEXIBLE DUCTWORK WITH FOL-BACKED, EXTERNALLY WRAPPED INSULATION FOR A MINIMUM OF R-8.
  14. ALL DUCTWORK SIZES SHOWN ARE ACTUAL SHEET METAL DIMENSIONS. EXTERNALLY WRAP ALL DUCT WITH 3" FOL-BACKED INSULATION FOR A MINIMUM OF R-8.
  15. MECHANICAL CONTRACTOR SHALL WORK WITH TEST AND BALANCE CONTRACTOR TO REMEDY ANY DIFFERENCES TO INCLUDE FAN DRIVE CHANGES, INSTALLATION OF DAMPERS OR OTHER MINOR DUCT MODIFICATIONS TO PROVIDE AIRFLOW TO WITHIN +/- 10% OF THE DESIGN VALUES LISTED ON THESE PLANS.
  16. THE AIR HANDLING UNIT SHALL OPERATE AT ALL TIMES DURING OCCUPIED HOURS.
  17. THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF AS-BUILT DRAWINGS UPON COMPLETION OF JOB.
  18. THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF DUCT SHOP DRAWINGS FOR APPROVAL.
  19. THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A BALANCE REPORT BY A CERTIFIED TEST AND BALANCE COMPANY.
  20. PROVIDE PERMIT LABEL ENGRAVED PLASTIC LAMINATE MECHANICALLY FASTENED TO OUTDOOR UNITS.
2. LABEL CEILING GRID WHERE EQUIPMENT IS LOCATED ABOVE LAY-IN CEILING, WITH EQUIPMENT IDENTIFIER. ALSO LABEL ALL TEMPERATURE SENSORS AND THERMOSTATS WITH EQUIPMENT IDENTIFIER.

## SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SHEET METAL DUCT
	FLEXIBLE DUCT
	SUPPLY DIFFUSER - LETTER & NUMBER INDICATES TYPE & CFM
	RETURN GRILLE - LETTER & NUMBER INDICATES TYPE & CFM
	SIDEWALL SUPPLY GRILLE - LETTER & NUMBER INDICATES TYPE & CFM
	SIDEWALL RETURN GRILLE - LETTER & NUMBER INDICATES TYPE & CFM
	EXHAUST FAN
	THERMOSTAT - MOUNTED 48" ABOVE FINISHED FLOOR
	BALANCING DAMPER
	ELBOW WITH TURNING VANES
	MOTOR OPERATED DAMPER
	CONDENSATE DRAIN

## OUTSIDE AIR SUMMARY

**REQUIRED:**

WAREHOUSE: 1503 SQFT • 0.06 CFM/SQFT • 91 CFM  
OFFICE AREA: 173 SQFT • 0.06 CFM/SQFT • 5 CFM PER • 3 PER • 26 CFM

TOTAL REQUIRED = 117 CFM

**PROVIDED:**

AHU-1: 120 CFM

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REF. SCALE IN INCHES PROJECT # 25004

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OCA ARCHITECTS

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205 West Martin Street, Raleigh, NC 27601 (P) 919.985.7700

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919.851.1111

NEW CONSTRUCTION FOR:

FOOD PANTRY BUILDING

5N2 FOOD PANTRY

17247 NC W., SANFORD, NC 27332

NEW CONSTRUCTION FOR:

FOOD PANTRY BUILDING

5N2 FOOD PANTRY

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NEW CONSTRUCTION FOR:

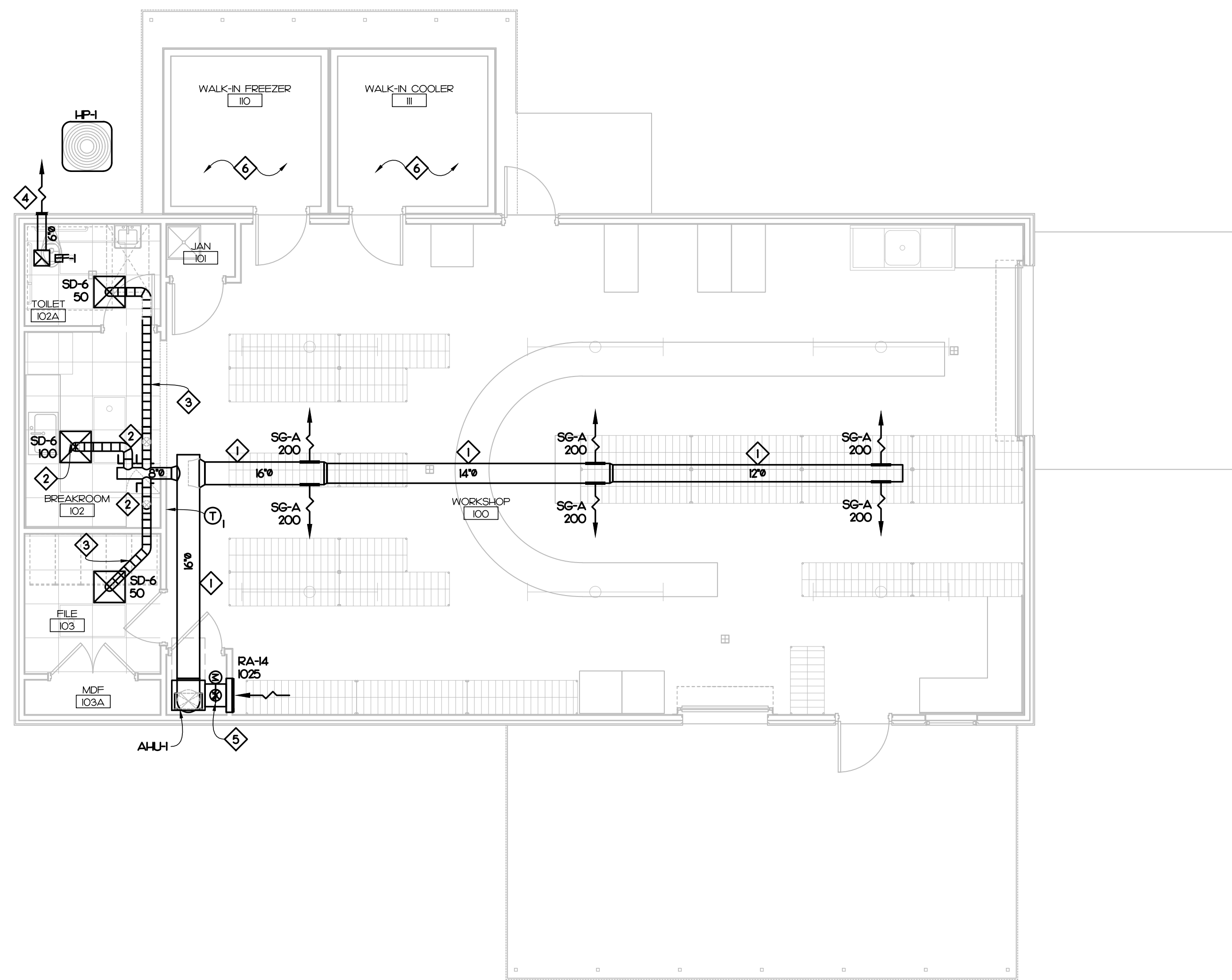
FOOD PANTRY BUILDING

5N2 FOOD PANTRY

17247 NC W., SANFORD, NC 27332

NEW CONSTRUCTION FOR:

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### MECHANICAL KEY NOTES

- 1 EXPOSED DOUBLE WALL SPIRAL DUCT, PROVIDE WITH PANT GRIP FINISH. DIMENSIONS SHOWN ARE INSIDE CLEAR.
- 2 6" SUPPLY DUCT DOWN TO ABOVE FINISHED CEILING AND BELOW MEZZANINE STRUCTURE.
- 3 SUPPLY DUCT ROUTED ABOVE FINISHED CEILING AND BELOW MEZZANINE STRUCTURE.
- 4 ROUTE 6" EXHAUST DUCT TO EXTERIOR. TERMINATE WITH WALL CAP.
- 5 ROUTE 8" OUTSIDE AIR DUCT DOWN FROM ROOF CAP, PROVIDE WITH MOTORIZED DAMPER IN DROP.
- 6 625 FT<sup>3</sup> WALK-IN COOLER/FREEZER BY OWNER. NO MORE THAN 14.3 LBS OF R-449A REFRIGERANT ALLOWED PER 2018 ASHRAE 34.

**1 MECHANICAL PLAN**  
**M1.1 SCALE: 3/16" = 1'-0"**

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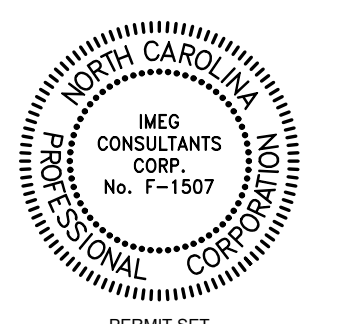
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NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
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 17247 NC W., SANFORD, NC 27332

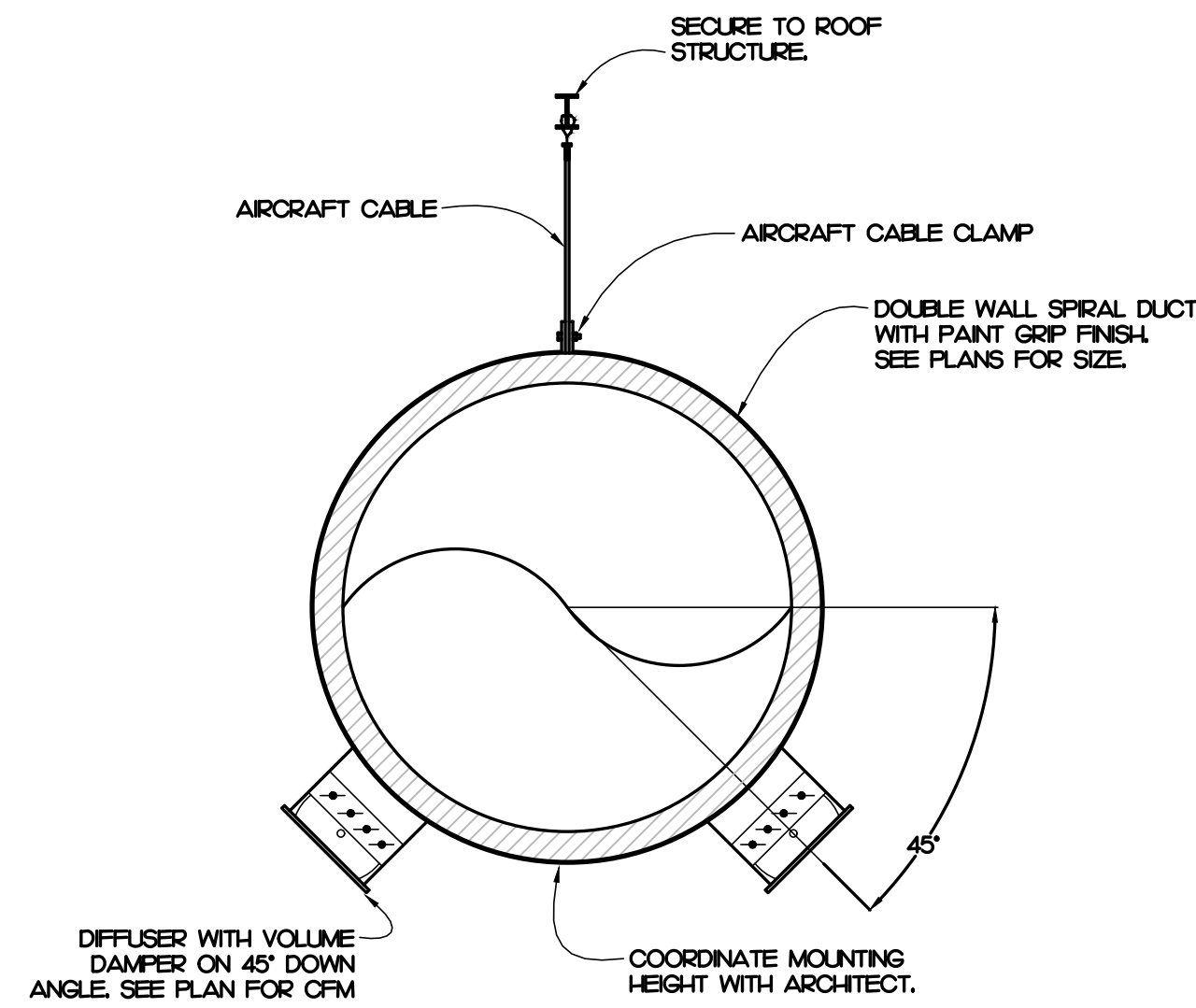


GENERAL NOTE:  
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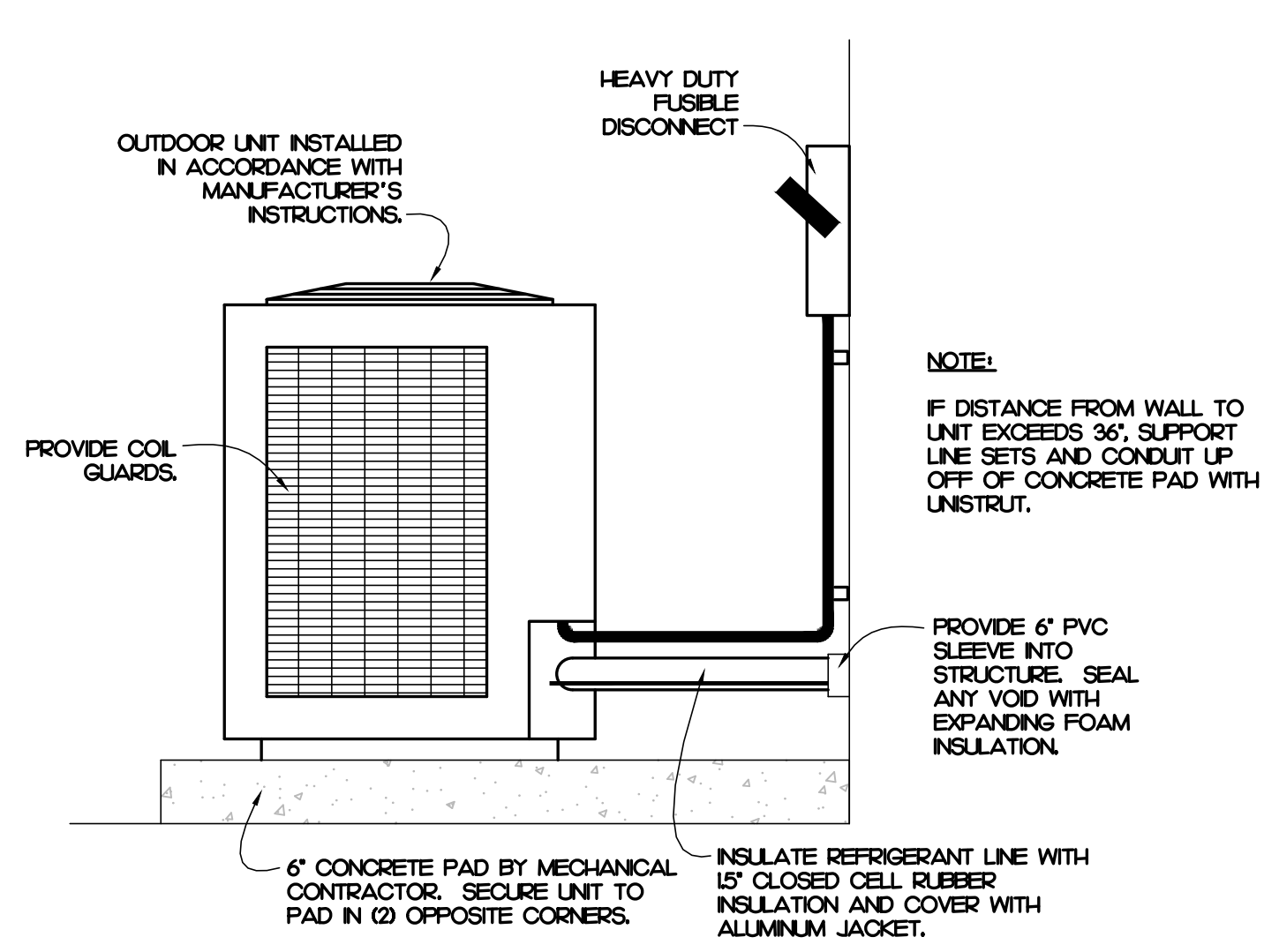
Revisions	Description	Date

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
NGB	
Checked By	M1.1
PJM	
Sheet Title	
MECHANICAL PLAN	

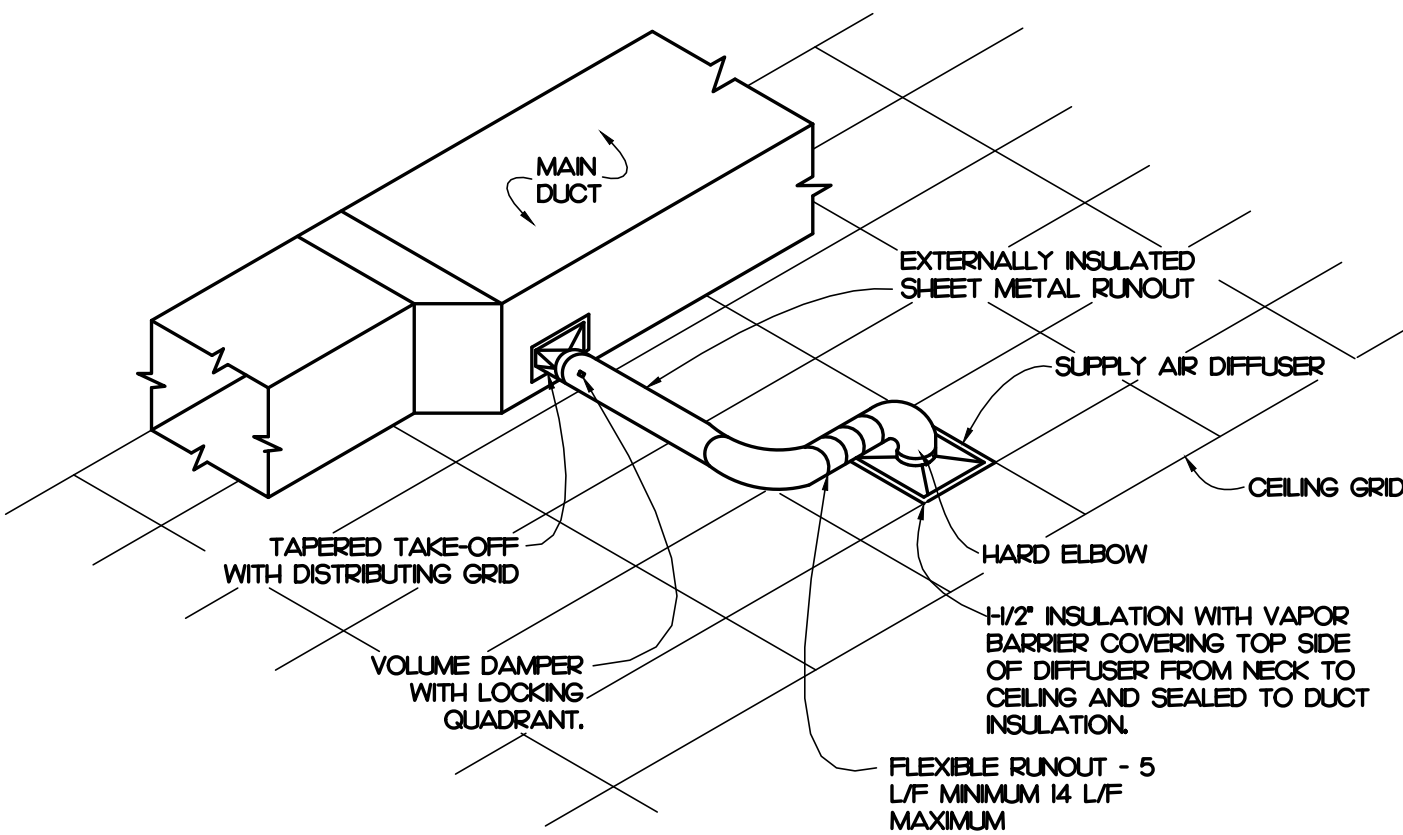
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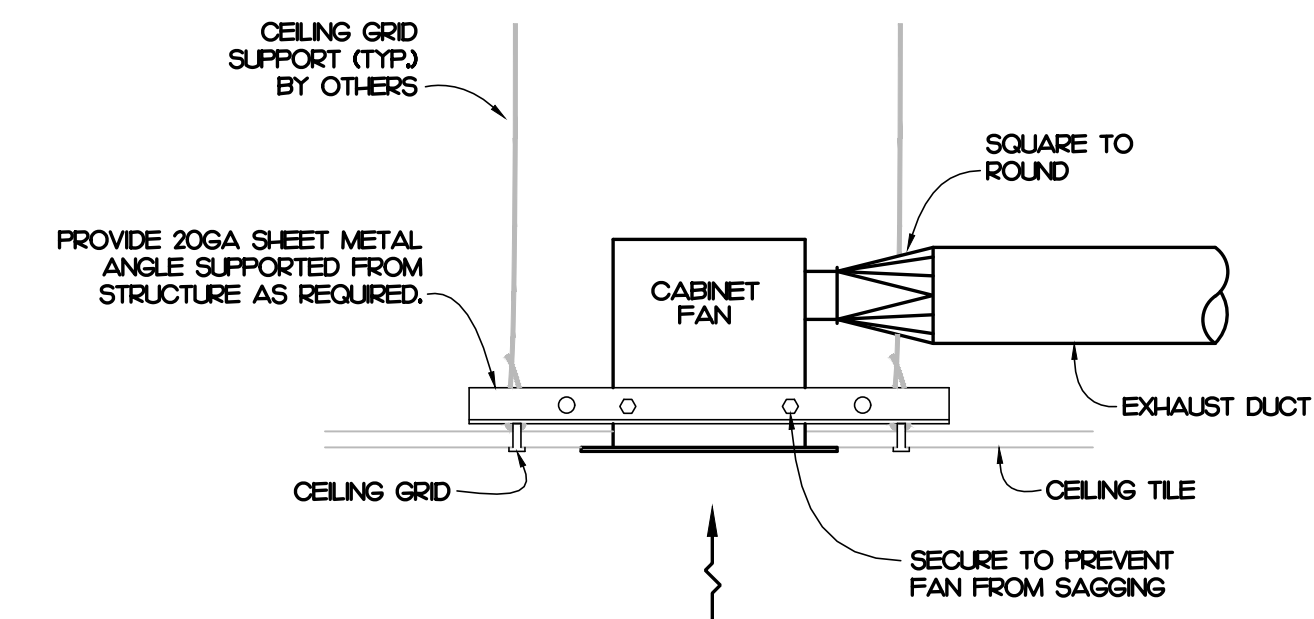
**3 EXPOSED DUCT DETAIL**  
M2.1 NOT TO SCALE



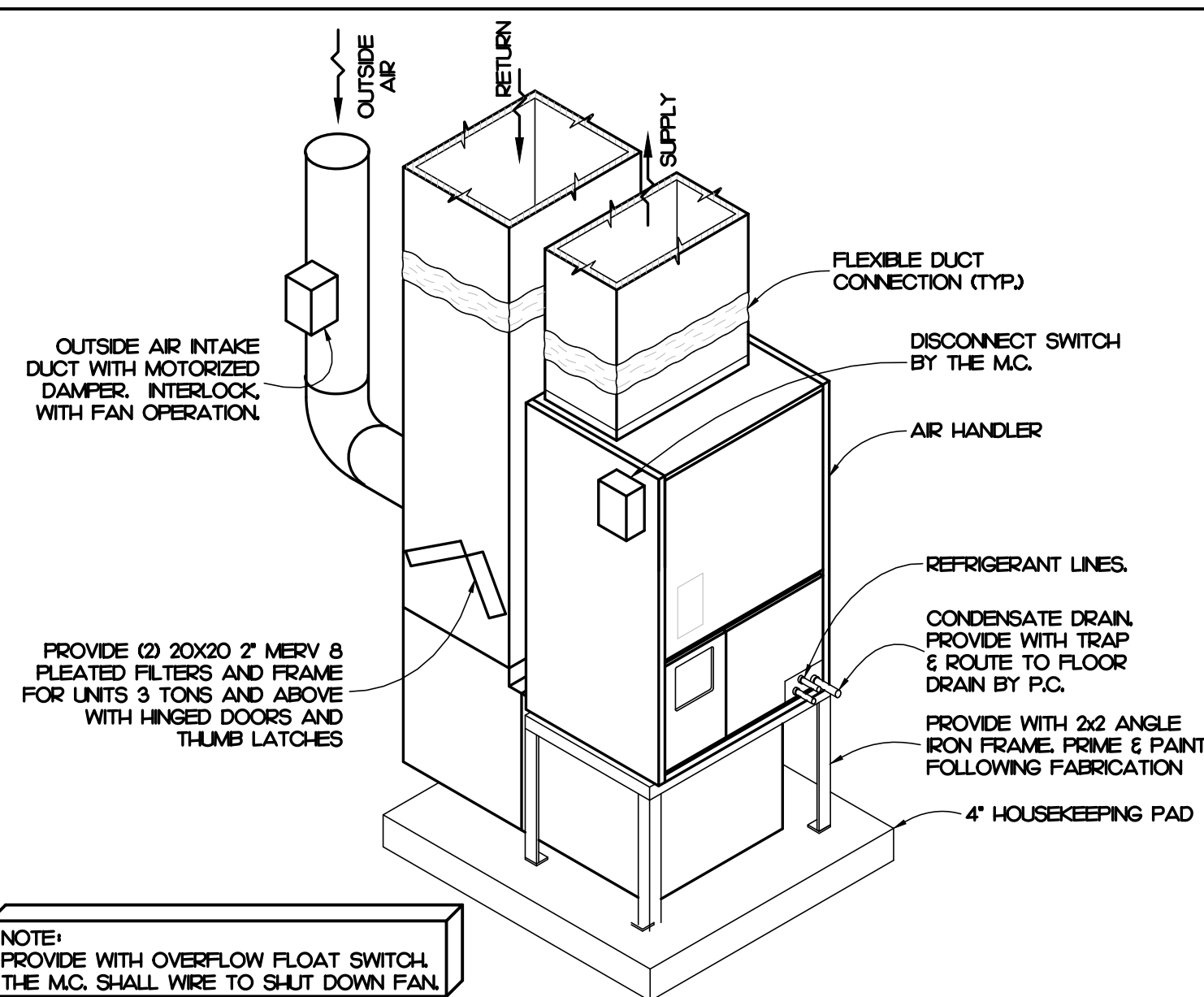
**4 OUTDOOR UNIT DETAIL**  
M2.1 NOT TO SCALE



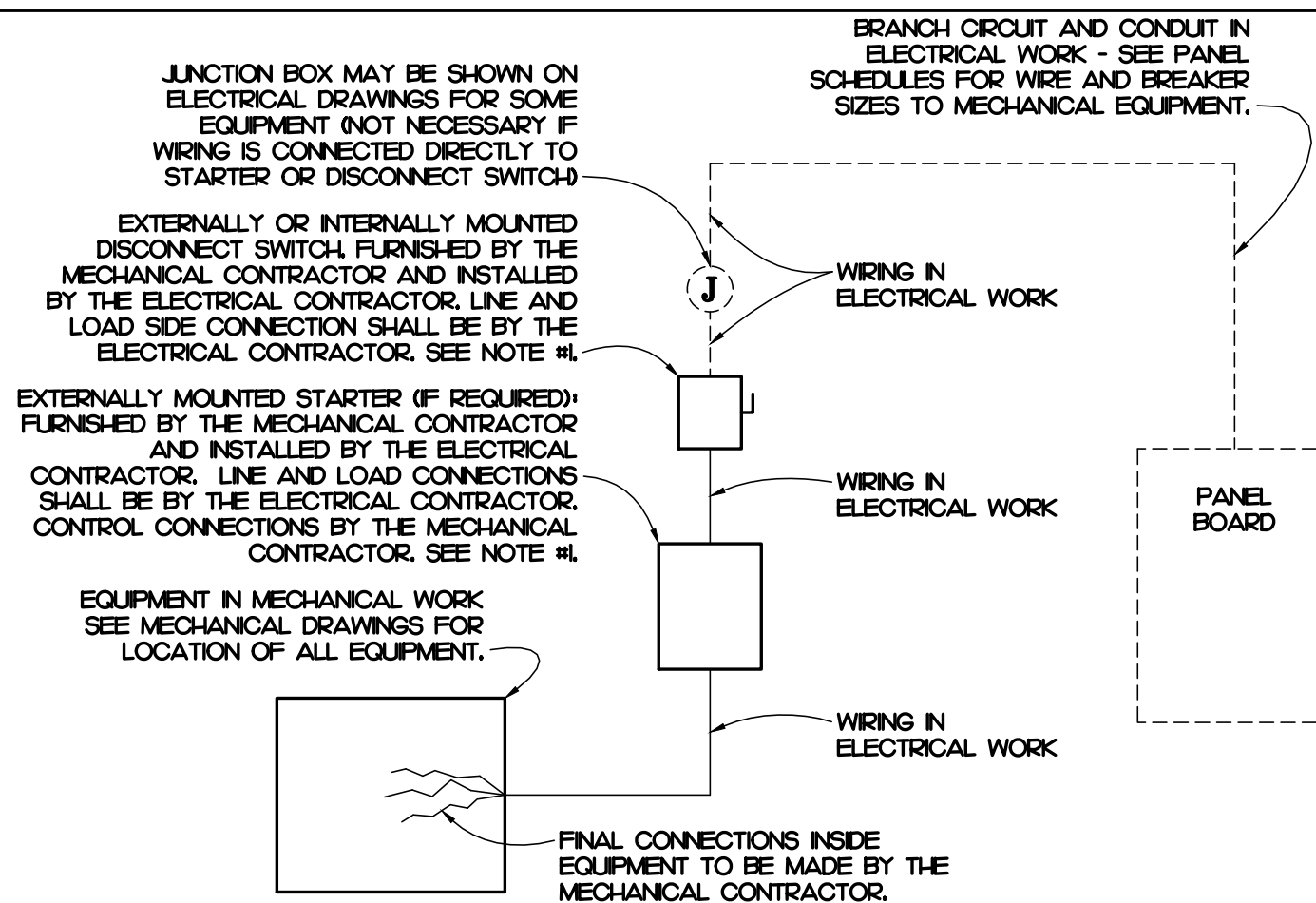
**2 SUPPLY DIFFUSER DETAIL**  
M2.1 NOT TO SCALE



**5 CABINET FAN DETAIL**  
M2.1 NOT TO SCALE



**1 AHU DETAIL**  
M2.1 NOT TO SCALE



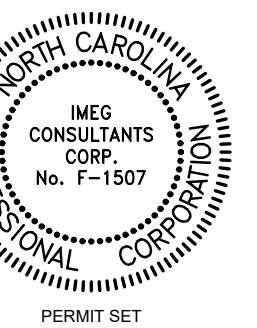
**6 TYPICAL WIRING DETAIL**  
M2.1 NOT TO SCALE

- NOTE:
- A COMBINATION STARTER MAY BE USED IN LIEU OF A SEPARATE DISCONNECT SWITCH AND STARTER.
    - COMBINATION STARTER SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
    - LINE AND LOAD SIDE CONNECTION SHALL BE BY THE ELECTRICAL CONTRACTOR.
    - CONTROL CONNECTIONS BY THE MECHANICAL CONTRACTOR.
  - ELECTRICAL CONTRACTOR SHALL FURNISH ALL REQUIRED FUSES.

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REF. SCALE IN INCHES PROJECT # 25004



GENERAL NOTE:  
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Revisions	Description	Date

Date	Project No.
11/24/25	25003
Drawn By	Sheet No.
NGB	M2.1
Checked By	Sheet Title
PJM	MECHANICAL DETAILS

# SYMBOL LEGEND

SYMBOL	DESCRIPTION	REMARKS
[Symbol]	2 X 4 LAY-IN FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHED.
[Symbol]	LINEAR STRIP FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHED.
[Symbol]	LINEAR SURFACE FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHED.
[Symbol]	LINEAR WALL MOUNT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHED.
[Symbol]	EXTERIOR WALL LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHED.
[Symbol]	EMERGENCY WITH EXIT LIGHT - CONNECT UNSWITCHED	SEE FIXTURE SCHED.
[Symbol]	BATTERY BACKUP EMERGENCY LIGHT - CONNECT UNSWITCHED	SEE FIXTURE SCHED.
[Symbol]	EMERGENCY REMOTE HEAD LIGHT, LOW VOLTAGE CONNECT TO ELECTRICAL WORK AS INDICATED ON PLAN	SEE FIXTURE SCHED.
[Symbol]	PHOTOCELL, 105-305VAC, 50/60HZ, 1800VA BALLAST LOAD, 1000W TUNGSTEN IODIDE LED LOAD (LP TO 220W *277V)	TORX <sup>®</sup> Z5924
[Symbol]	SINGLE POLE TOGGLE SWITCH, MOUNT 42" AFF., UNLESS NOTED OTHERWISE	HUBBELL I22-*** WITH NPJ1 COVER PLATE
[Symbol]	THREE WAY TOGGLE SWITCH, MOUNT 42" AFF., UNLESS NOTED OTHERWISE	HUBBELL I22-*** WITH NPJ1 COVER PLATE
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR SWITCH, PASSIVE INFRARED MOUNT 42" AFF., UNLESS NOTED OTHERWISE, 1800W/120VAC OR 1200W/277VAC	SENSORWORX SWX-101-***
[Symbol]	CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGIES, LOW VOLTAGE, PROVIDE LOW VOLTAGE WIRING TO POWER PACK AS REQUIRED, 28 FT. RADIUS	SENSORWORX SWX-221
[Symbol]	POWER PACK FOR LOW VOLTAGE OCCUPANCY SENSOR, 120/277VAC, 20A 1 POLE CONTACTOR	SENSORWORX SWX-900
[Symbol]	SINGLE TOGGLE SWITCH FOR EQUIPMENT DISCONNECT, MOUNT 42" AFF., UNLESS NOTED OTHERWISE, IF EQUIPMENT IS WITH BUILT-IN DISCONNECT, THIS SWITCH IS NOT REQUIRED.	HUBBELL I22-*** WITH METAL COVER PLATE
[Symbol]	20A SINGLE POLE TOGGLE SWITCH WITH NEMA 3R COVER PLATE MOUNT 42" AFF., UNLESS NOTED OTHERWISE, THERMOPLASTIC.	BELL 528-0 WITH 5320-0 BOX
[Symbol]	20A DOUBLE POLE TOGGLE SWITCH WITH NEMA 3R COVER PLATE MOUNT 42" AFF., UNLESS NOTED OTHERWISE, DIE-CAST ALUMINUM	BELL 537-0 WITH 5320-0 BOX
[Symbol]	SPECIFICATION GRADE DUPLEX TAMPER RESISTANT RECEPTACLE, MOUNT 16" AFF., UNLESS OTHERWISE NOTED.	HUBBELL HBL5362-*** TR WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT GFCI RECEPTACLE, MOUNT 16" AFF., UNLESS OTHERWISE NOTED.	HUBBELL GTRST20-*** WITH NPJ26 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT, WEATHER RESISTANT AND GFCI DUPLEX RECEPTACLE, WITH IN-USE WEATHER PROOF COVER, MOUNT 16" AFF., UNLESS OTHERWISE NOTED.	HUBBELL GTRWST20-*** WITH WP26M COVER PLATE
[Symbol]	SPECIFICATION GRADE DUPLEX TAMPER RESISTANT RECEPTACLE, MOUNT 16" AFF., UNLESS OTHERWISE NOTED, FED FROM GFCI CIRCUIT BREAKER.	HUBBELL HBL5362-*** TR WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT GFCI RECEPTACLE, MOUNT 4" ABOVE COUNTER/BACKSPLASH.	HUBBELL GTRST20-*** WITH NPJ26 COVER PLATE
[Symbol]	SPECIFICATION GRADE QUAD TAMPER RESISTANT RECEPTACLE, MOUNT 16" AFF., UNLESS OTHERWISE NOTED.	HUBBELL Q2 HBL5362-*** TR WITH NPJ82 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT DUPLEX RECEPTACLE WITH (2) TYPE A USB PORTS, 5A 5V USB OUTPUT, RECEPTACLE - MOUNT 16" AFF., UNLESS NOTED OTHERWISE.	HUBBELL USB20A-*** WITH NPJ26 COVER PLATE
[Symbol]	CEILING PANEL CABINET FAN, FURNISHED AND INSTALLED BY MC, WIRED BY EC.	SEE MECH. PLAN
[Symbol]	JUNCTION BOX SIZED PER NEC.	
[Symbol]	DISCONNECT SWITCH SEE PLANS FOR SIZE AND TYPE	SQUARE D HEAVY DUTY
[Symbol]	NEW CONCEALED WIRING	PER NEC.
[Symbol]	LOW VOLTAGE WIRING FOR OCCUPANCY SWITCH AND POWER PACK.	PER NEC.
[Symbol]	UNSWITCHED LIGHTING CONDUCTOR	PER NEC.
[Symbol]	HOME RUN TO PANEL BOARD, NUMBERS OF ARROW INDICATE CIRCUITS	PER NEC.
[Symbol]	120/240V 1Ø, 3W PANEL BOARD - SEE PANEL SCHEDULES	SQUARE D NØ OR EQUAL
[Symbol]	UTILITY METER BASE	SEE POWER RISER
[Symbol]	COMMUNICATION OUTLET - MOUNT 16" AFF., UNLESS OTHERWISE NOTED, STUB TO CONDUIT UNDER SLAB TO COMMUNICATION BOARD IN MDF 103A, PROVIDE WITH RULL WIRE, OUTLET COVER PLATE AND WIRING BY OTHERS.	SINGLE GANG BOX, HUBBELL NPJ3 COVER PLATE
[Symbol]	COMMUNICATION BACKBOARD, 24" x 48" x 3/4" THICK FIREPROOF PLYBOARD MOUNTED TO WALL, PROVIDE GROUND BAR AND CONNECT 1/4" AWG GROUND IN 1/2" C. TO PANEL.	
[Symbol]	A.F.C. ABOVE FINISHED CEILING	
[Symbol]	A.F.F. ABOVE FINISHED FLOOR - NOTE ALL MOUNTING DIMENSIONS GIVEN ARE TO THE BOTTOM OF THE OUTLET BOX.	

**NOTE:**  
 1. E.C. SHALL SUBMIT CATALOG SHEETS FOR COLOR AND MATERIAL APPROVAL OF ALL SWITCH, RECEPTACLE AND WALL PLATE TO ARCHITECT PRIOR PURCHASING ANY.

# GENERAL NOTES

- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO THE INSTALLATION OF HIS EQUIPMENT SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW FOR OPTIMUM MAINTENANCE AND WORKING SPACE.
- USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPARATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT.
- ALL BREAKER SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT, WITH THE EQUIPMENT SUPPLIER AND THE MECHANICAL CONTRACTOR.
- ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND 2020 NATIONAL ELECTRICAL CODE (NFPA 70).
- EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE ARCHITECT, PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK, AND MILLWORK TO BE FINISHED.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES, AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS. SEE DETAILS FOR CONNECTION TO EQUIPMENT PROVIDED BY MECHANICAL AND PLUMBING CONTRACTORS.
- PENETRATION:  
 • WHERE ELECTRICAL EQUIPMENT PENETRATES RATED WALLS AND CEILINGS, EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED PER APPROVED UL METHODS.  
 • WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER, SUBMIT DETAIL OF PROPOSED SEALING METHODS.
- ALL PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID BY THE ELECTRICAL CONTRACTOR.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE COMPLETE UPDATED TYPEWRITTEN PANEL SCHEDULES FOR ALL PANELBOARDS.
- AS BUILT DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL VERIFY THE CEILING TYPES WITH THE GENERAL CONTRACTOR PRIOR TO THE PURCHASE OF ANY LIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDED FOR ALL FIXTURES. ANY DIFFERENCES WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- ALL WIRE SIZES INDICATED ON THE PANEL SCHEDULES ARE BASED ON 75 DEGREE COPPER TH-NHWN WIRE. ALL WIRE TERMINALS AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR 75°C. ONLY THWN-2 WIRE SHALL BE INSTALLED IN WET AND EXTERIOR LOCATIONS.
- MINIMUM CONDUIT SIZE SHALL BE 1/2" AND MINIMUM WIRE SIZE SHALL BE #12 AWG.
- ARMORED CABLE (TYPE AC) AND METAL-CLAD CABLE (TYPE MC) ARE ACCEPTABLE WIRING METHODS SUBJECT TO THE FOLLOWING RESTRICTIONS:  
 • SEE NEC 320 AND 330 FOR RESTRICTION.  
 • PENETRATIONS OF RATED WALLS SHALL BE IN ACCORDANCE WITH APPROVED UL PENETRATION METHODS.  
 • CABLE SHALL NOT BE USED FOR HOME RUN TO PANEL BOARD.  
 • CABLE SHALL ONLY BE INSTALLED IN CONCEALED SPACE AND FURRED AREAS. MAX. LENGTH OF EACH SECTION IN ACCESSIBLE CONCEALED CEILING SPACES SHALL NOT EXCEED 10 FT.
- THE MAXIMUM NUMBER OF HOMERUNS IN A CONDUIT SHALL NOT EXCEED THREE (3). FEEDING CIRCUITS WITH SHARED NEUTRAL SHALL BE SWITCHED TOGETHER.
- WHERE OUTLETS ARE SHOWN BACK TO BACK ON RATED WALLS, STAGGER OUTLETS SO THAT THEY ARE SEPARATED BY A MINIMUM OF 24".
- ALL DISCONNECTS SHALL HAVE SEPARATE NEUTRAL AND GROUND BARS.
- ALL PANELS SHALL BE SINGLE PHASE, THREE WIRE UNLESS OTHERWISE NOTED.
- BOXES AND CONDUITS SHALL NOT BE INSTALLED RECESSED IN A 3-HOUR OR HIGHER RATED WALL, WHEN OUTLETS ARE INDICATED ON THESE WALLS, FIELD COORDINATE CONDUIT AND BOX INSTALLATION.
- FOR ALL RECEPTACLES LOCATED ABOVE COUNTER TOP, MOUNTING HEIGHT SHALL COMPLY WITH ANSI A17.1 SECTION 308. E.C. SHALL FIELD VERIFY CASEWORK DETAIL WITH ARCHITECT PRIOR TO ROUGH-IN.
- ELECTRICAL IDENTIFICATION  
 • FURNISH AND INSTALL ENGRAVED LAMINATED PHENOLIC NAMEPLATES FOR ALL SAFETY SWITCHES, PANEL BOARDS, TRANSFORMERS, SWITCHBOARDS, MOTOR CONTROL CENTERS AND OTHER ELECTRICAL EQUIPMENT SUPPLIED FOR THE PROJECT FOR IDENTIFICATION.  
 • FURNISH AND INSTALL SELF-ADHESIVE PLASTIC TAPE FOR ALL RECEPTACLE AND WALL SWITCH COVER PLATES INDICATING CIRCUIT NUMBERS.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE INSTALLATION OF THE NEW UNDERGROUND ELECTRICAL SERVICE WITH THE LOCAL UTILITY. THE OWNER SHALL PAY ALL CHARGES FOR THE INSTALLATION OF THE NEW UNDERGROUND UTILITY SERVICE.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE LOCATION OF HIS TELEPHONE CONDUIT STUB OUTS WITH THE LOCAL TELEPHONE COMPANY PRIOR TO HIS INSTALLING ANY CONDUITS.

# 2018 NORTH CAROLINA ENERGY CODE

ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE: PRESCRIPTIVE

LAMP TYPE REQUIRED: NUMBER OF LAMPS: BALLAST TYPE USED: NUMBER OF BALLASTS: TOTAL WATTAGE PER FIXTURE:	LIGHTING SCHEDULE:			
	FLUORESCENT T8/T5	LED	CFL	INCAN
N/A	SEE	N/A	N/A	
N/A	FIXTURE	N/A	N/A	
N/A	SCHEDULE	N/A	N/A	
N/A		N/A	N/A	

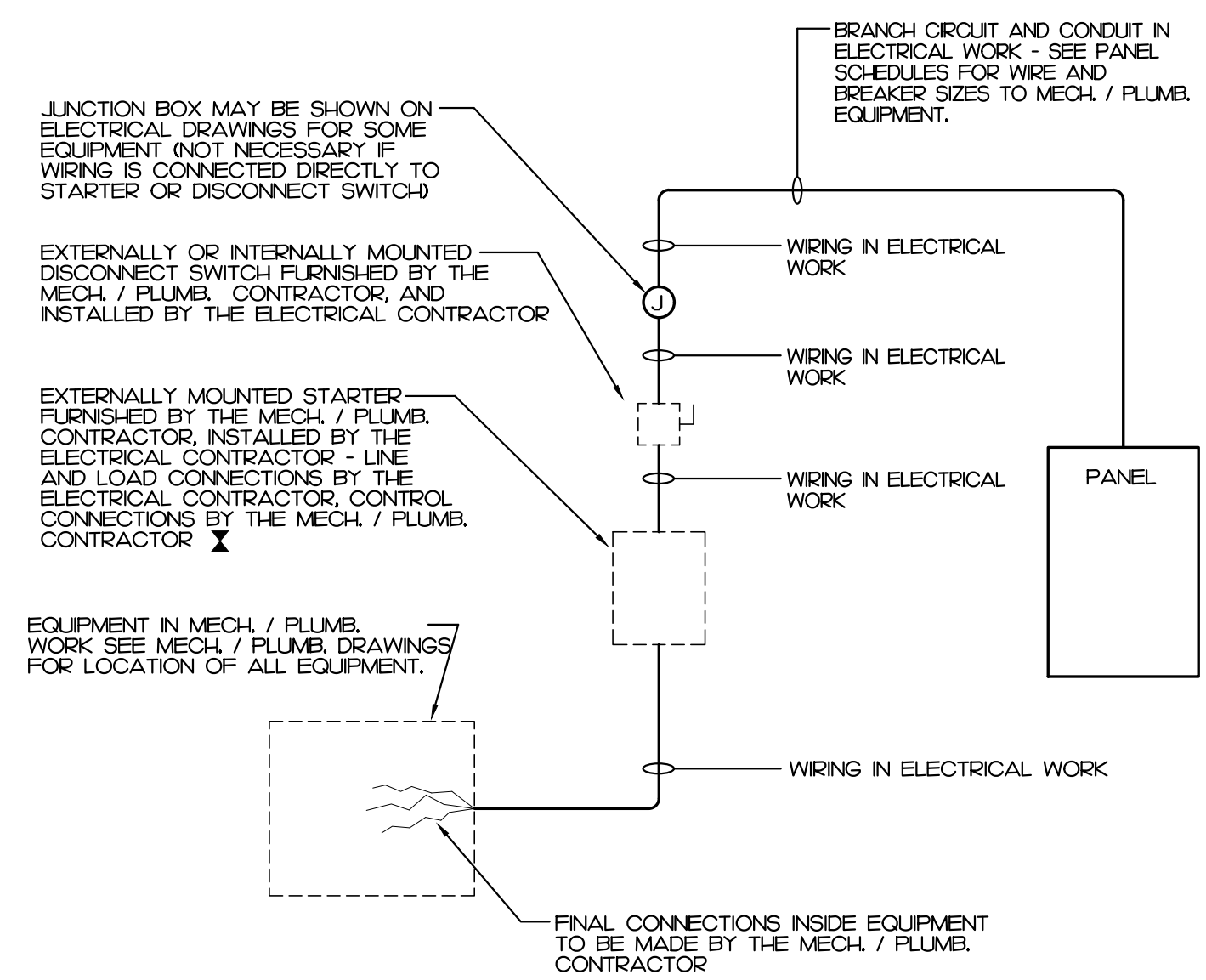
	SPECIFIED	ALLOWED BY CODE
INTERIOR WATTAGE		
OFFICE	664	1292 **
EXTERIOR WATTAGE	ZONE 2	
ALLOWANCE	86	600

**NOTES:**

- \*\* PER SECTION C406.3, THE WHOLE AREA ALLOWED BY CODE IS REQUIRED TO BE 10% LOWER THAN THOSE CALCULATED PER SECTION C406.4.2.  
 • VALUE CALCULATE PER SECTION C406.4.2: 1435 WATTS  
 • VALUE PER SECTION C406.3: 1292 WATTS
- ALL EXTERIOR LIGHTS:  
 • CONTROLLED BY PHOTOCELL THAT WILL NOT INTENDED TO BE ON FOR 24 HOUR OPERATION.

DESIGNER STATEMENT:  
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, 2018 - ENERGY.

SIGNED: *[Signature]*  
 NAME: SUJAN PRAMOJANEY, P.E.  
 TITLE: ENGINEER



**NOTES:**

- A COMBINATION STARTER MAY BE USED IN LIEU OF A SEPARATE DISCONNECT SWITCH AND STARTER.
- E.C. SHALL FURNISH ALL REQUIRED FUSES.

**1 WIRING TO MECH. PLUMB. EQUIPMENT**  
**E0.1 NO SCALE**

# LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	CATALOG	ELECTRICAL DATA	NOTES
A	2x4 LED FLAT PANEL FIXTURE RECESSED MOUNTED 4000 LUMEN	LITHONIA <sup>®</sup> CPX-2X4-4000LM-40K-M2	4000 LUMEN LED, 4000K 0-10V ELECTRONIC DIMMING DRIVER 39 WATTS - 43 VA, 120-277V	
B	8 FT. LED STRIP LIGHT SURFACE/PENDANT MOUNTED 8000 LUMEN	LITHONIA <sup>®</sup> CSS-L96-8000LM-MVOLT-40K-80CR1	8000 LUMEN LED, 4000K ELECTRONIC DRIVER 72 WATTS - 80 VA, 120-277V	HANG BOTTOM 11 FT. AFF.
C	4 FT. LED VAPOR TIGHT SURFACE MOUNTED 5000 LUMEN LISTED FOR WET LOCATION AND 0°F	LITHONIA <sup>®</sup> CSVT-L48-5000LM-MVOLT-40K-80CR1	5000 LUMEN LED, 4000K ELECTRONIC DRIVER 42 WATTS - 46 VA, 120-277V	
D	2 FT. LED STRIP LIGHT WALL OR SURFACE/PENDANT MOUNTED 2000 LUMEN	LITHONIA <sup>®</sup> CSS-L24-2000LM-MVOLT-40K-80CR1	2000 LUMEN LED, 4000K ELECTRONIC DRIVER 15.5 WATTS - 17 VA, 120-277V	
W1	EXTERIOR WALL MOUNTED CUT-OFF 500 LUMEN LISTED FOR WET LOCATION AND 0°F	LITHONIA <sup>®</sup> ARCH-LED-P1-40K-MVOLT-***	500 LUMEN LED, 4000K ELECTRONIC DRIVER 11 WATTS - 12 VA, 120-277V	** FINISH PER ARCHITECT INSTRUCTION. SEE NOTE ON PLAN FOR MOUNTING HEIGHT
W2	EXTERIOR WALL MOUNTED CUT-OFF 3000 LUMEN LISTED FOR WET LOCATION AND 0°F	LITHONIA <sup>®</sup> ARCH-LED-P3-40K-MVOLT-***	2000 LUMEN LED, 4000K ELECTRONIC DRIVER 25 WATTS - 28 VA, 120-277V	** FINISH PER ARCHITECT INSTRUCTION. SEE NOTE ON PLAN FOR MOUNTING HEIGHT
EGX/E4	EMERGENCY WITH EXIT LIGHT 1 SIDE RED LETTER WITH REMOTE HEAD CAPACITY	LITHONIA <sup>®</sup> ECC-R-REM	(2) 0.75W LED HEADS, LED FOR PANEL 1 WATTS - 11 VA, 120/277V	MOUNT 1 FT. ABOVE DOOR FRAME.
E4	EMERGENCY REMOTE HEAD FIXTURE 2 LED LIGHT HEADS, LISTED FOR WET LOCATION AND 0°F	LITHONIA <sup>®</sup> ERE-GY-T-WP-M12	(2) 1W LED HEADS 2 WATTS - 21 VA, 3.6VDC	WIRE TO TYPE 'EGX/E4' LOCATED INSIDE BUILDING AS REQUIRED.
EG	EMERGENCY LIGHT	LITHONIA <sup>®</sup> EUL-M12	(2) 0.75W LED HEADS, 0.33 WATTS - 6 VA, 120/277V	MOUNT BOTTOM 8 FT. AFF.
EG2	EMERGENCY LIGHT 600 LUMEN TOTAL	LITHONIA <sup>®</sup> ELM4L	(2) 3.9W LED HEADS 4.7 WATTS - 6 VA, 120-277V	MOUNT BOTTOM 10 FT. AFF.

**NOTES:**

- SEE ARCHITECTURAL PLAN FOR MOUNTING LOCATION AND HEIGHT. FIELD COORDINATE MOUNTING HEIGHT WITH ARCHITECT IF NOT SHOWN ON ARCHITECTURAL PLAN.
- E.C. SHALL SUBMIT CATALOG TO ARCHITECT FOR APPROVAL PRIOR PURCHASE ANY. FINISH COLOR AND TRIM SUBJECT TO BE CHANGED PER ARCHITECT.
- E.C. SHALL FIELD VERIFY LED COLOR WITH ARCHITECT PRIOR TO ORDERING.

**IMEG**  
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 RALEIGH, NC 27612  
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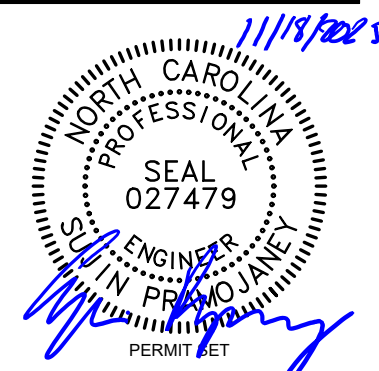
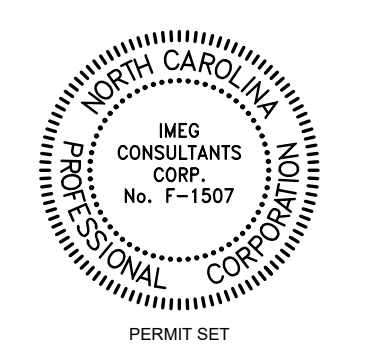
# 2 FIXTURE SCHEDULE

E0.1 NO SCALE

OAKLEY COLLIER ARCHITECTS  
 107 Candlewood Road, Rocky Mount, NC 27804 (P) 252.937.2500  
 205 West Martin Street, Raleigh, NC 27601 (P) 919.985.7700

ATLANTEC ENGINEERS, PA  
 321 BLUE RIDGE ROAD, SUITE 113  
 RALEIGH, NC 27612  
 919.851.1110

NEW CONSTRUCTION FOR:  
**FOOD PANTRY BUILDING**  
 5122 FOOD PANTRY  
 17247 NC W., SANFORD, NC 27332



GENERAL NOTE:  
 Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

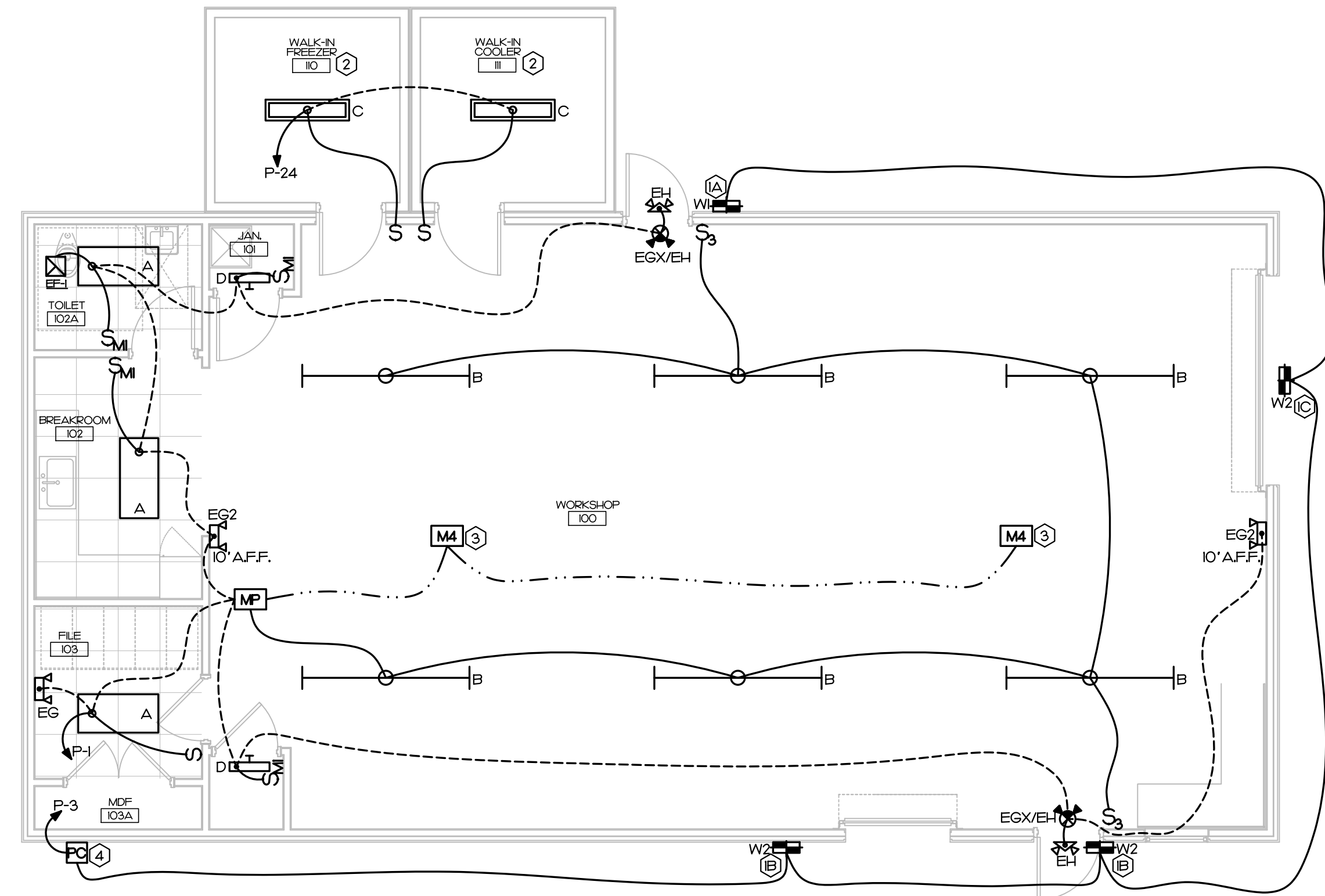
Revisions	Description	Date

Date	Product No.
11/24/25	25003
Drawn By	Sheet No.
SP	E0.1
Checked By	
SP	

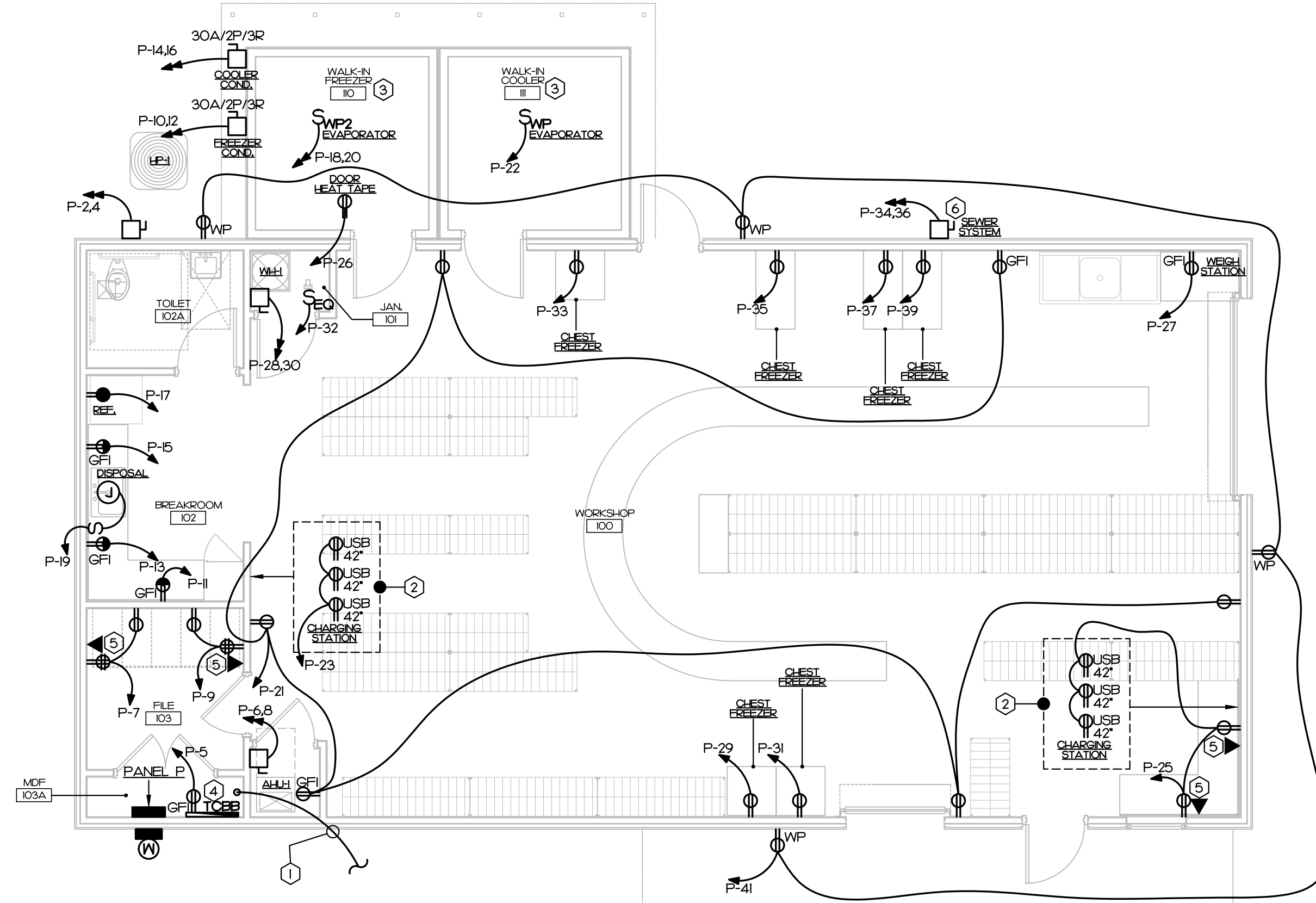
Sheet Title:  
 ELECTRICAL LEGEND, NOTES, DETAIL, FIXTURE SCHEDULE

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**KEY NOTES**

- ① EXTERIOR LIGHT MOUNTING HEIGHT.
- ② MOUNT BOTTOM 8 FT. AFF.
- ③ MOUNT BOTTOM 10 FT. AFF.
- ④ MOUNT 1 FT. ABOVE OPENING.
- ⑤ ALL CONDUITS THAT PENETRATE WALK-IN COOLER AND FREEZER SHALL BE SEALED INSIDE CONDUIT PER NEC 300.7.
- ⑥ LOW VOLTAGE MOTION SENSOR.
  - MOUNT UNDER DUCT WORK.
  - PROVIDE STRUCTURE HUNG FROM CEILING FOR MOUNTING. DO NOT MOUNT TO DUCT WORK OR DUCT WORK SUPPORTER.
  - ALL LOW VOLTAGE WIRING FOR MOTION SENSOR AND POWER PACK SHALL BE IN CONDUIT.
- ⑦ PHOTOCELL.
  - FIELD COORDINATE TO FACING NORTH AND NOT TO BE INTERFERED WITH ANY LIGHT SOURCE WITH ARCHITECT PRIOR TO ROUGH-IN.

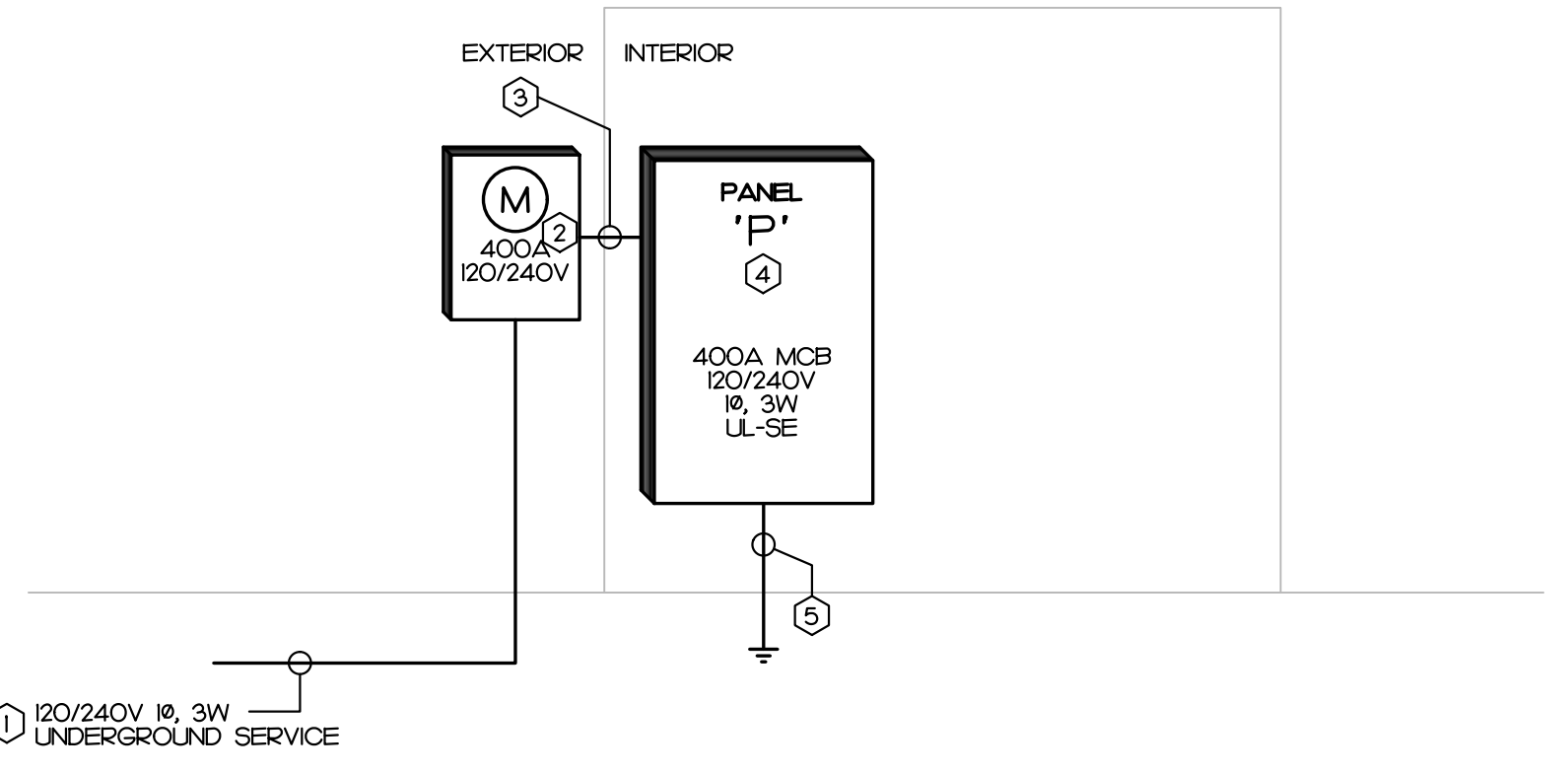


**KEY NOTES**

- ① COMMUNICATION SERVICE CONDUIT.
  - 2" EMPTY CONDUIT, RUN UNDERGROUND TO PROPERTY LINE. TERMINATE AT PROPERTY LINE PER COMMUNICATION SERVICE COMPANY.
  - TERMINATE IN MDF 103A 12" AFF.
  - PROVIDE WITH FULL WIRE.
- ② RECEPTACLES FOR SMALL EQUIPMENT CHARGER AND FREEZER THAT PENETRATE WALK-IN COOLER AND FREEZER SHALL BE SEALED INSIDE CONDUIT PER NEC 300.7.
- ③ ALL CONDUITS THAT PENETRATE WALK-IN COOLER AND FREEZER SHALL BE SEALED INSIDE CONDUIT PER NEC 300.7.
- ④ COMMUNICATION BOARD.
  - 24"X48" 3/4" THICK FIRE PROOF PLYBOARD.
  - PROVIDE GROUND BAR AND #6G CU IN 1/2" TO PANEL P.
- ⑤ COMMUNICATION OUTLET.
  - 30A 240VAC 2P NEMA 3P FUSIBLE DISCONNECT.
  - SEWER PUMP SYSTEM IS FURNISHED AND INSTALLED BY CIVIL CONTRACTOR. WIRED BY E.C. PER MANUFACTURER INSTRUCTION.
  - FIELD VERIFY INSTALLATION WITH CIVIL ENGINEER PRIOR TO ROUGH-IN.
- ⑥ SEWER PUMP DISCONNECT.
  - 30A 240VAC 2P NEMA 3P FUSIBLE DISCONNECT.
  - SEWER PUMP SYSTEM IS FURNISHED AND INSTALLED BY CIVIL CONTRACTOR. WIRED BY E.C. PER MANUFACTURER INSTRUCTION.
  - FIELD VERIFY INSTALLATION WITH CIVIL ENGINEER PRIOR TO ROUGH-IN.

**1 LIGHTING PLAN**  
E1.1 3/16" - 1'-0"

**2 POWER PLAN**  
E1.1 3/16" - 1'-0"



**KEY NOTES**

- ① UNDERGROUND SERVICE BY UTILITY.
- ② METER BASE BY E.C. PER UTILITY SPECS.
- ③ #500KCMIL IN 3".
- ④ SERVICE PANEL BOARD.
  - UL LISTED FOR USE AS SERVICE EQUIPMENT.
  - INSTALLED BACK TO BACK TO THE METER BASE.
  - SEE PANEL SCHEDULE.
  - SEE NOTE #1.
- ⑤ GROUNDING ELECTRODE CONDUCTORS PER NEC 250.
  - #10G CU IN 3/4" TO BUILDING STEEL AND C/W MAIN.
  - #4G CU IN 1/2" TO REINFORCE STEEL AT CONCRETE FOOTINGS.
  - #6G CU TO 1/2" TO 2 DRIVEN RODS.

**NOTES**

- 1. FAULT CURRENTS:
  - E.C. SHALL OBTAIN AVAILABLE FAULT CURRENT AT TRANSFORMER FROM UTILITY AND PROVIDE INFORMATION TO ENGINEER TO CALCULATE AVAILABLE FAULT CURRENTS FOR ALL SERVICE DISCONNECTS AND PANEL BOARDS.
  - E.C. SHALL PROVIDE LABEL INDICATING FAULT CURRENTS ON ALL SERVICE DISCONNECTS AND PANEL BOARDS PER ENGINEER INSTRUCTION.

**3 POWER RISER DIAGRAM**  
E1.1 NO SCALE

PANEL P										120/240V, 1 PHASE, 3 WIRE									
QCT	DESCRIPTION	KVA	C	G	W	CB	QCT	QCT	CB	W	G	C	KVA	DESCRIPTION	QCT				
1	LIGHTS INTERIOR	0.6	1/2	12	12	20	1	2	40	8	10	3/4	2.4	LP-1	2				
3	LIGHTS EXTERIOR	0.1	1/2	12	12	20	3	4	2P	8	--	--	2.4	4					
5	REC 103A	0.2	1/2	12	12	20	5	6	60	6	10	1	5.3	6					
7	REC 103	0.5	1/2	12	12	20	7	8	2P	6	--	--	5.3	8					
9	REC 103	0.5	1/2	12	12	20	9	10	25	10	10	3/4	15	10					
11	REC 102	0.2	1/2	12	12	20	11	12	2P	10	--	--	15	12					
13	REC 102	0.2	1/2	12	12	20	13	14	15	12	12	1/2	0.9	14					
15	REC 102	0.2	1/2	12	12	20	15	16	2P	12	--	--	0.9	16					
17	REFRIGERATOR	0.8	1/2	12	12	20	17	18	15	12	12	1/2	11	18					
19	DISPOSAL	0.8	1/2	12	12	20	19	20	2P	12	--	--	11	20					
21	REC 100	11	1/2	12	12	20	21	22	15	12	12	1/2	0.2	22					
23	REC 100	0.5	1/2	12	12	20	23	24	15	12	12	1/2	0.1	24					
25	REC 100	0.9	1/2	12	12	20	25	26	15	12	12	1/2	0.3	26					
27	REC 100	0.2	1/2	12	12	20	27	28	25	10	10	3/4	2.3	28					
29	CHEST FREEZER	100	0.8	1/2	12	20	29	30	25	10	--	--	2.3	30					
31	CHEST FREEZER	100	0.8	1/2	12	20	31	32	15	12	12	1/2	0.3	32					
33	CHEST FREEZER	100	0.8	1/2	12	20	33	34	30	10	10	3/4	1.4	34					
35	CHEST FREEZER	100	0.8	1/2	12	20	35	36	2P	10	--	--	0.0	36					
37	CHEST FREEZER	100	0.8	1/2	12	20	37	38	--	--	--	--	0.0	38					
39	CHEST FREEZER	100	0.8	1/2	12	20	39	40	--	--	--	--	0.0	40					
41	REC EXTERIOR	0.7	1/2	12	12	20	41	42	--	--	--	--	0.0	42					
43	SPACE ONLY	0.0	--	--	--	--	43	44	--	--	--	--	0.0	44					
45	SPACE ONLY	0.0	--	--	--	--	45	46	--	--	--	--	0.0	46					
47	SPACE ONLY	0.0	--	--	--	--	47	48	--	--	--	--	0.0	48					
49	SPACE ONLY	0.0	--	--	--	--	49	50	--	--	--	--	0.0	50					
51	SPACE ONLY	0.0	--	--	--	--	51	52	--	--	--	--	0.0	52					
53	SPACE ONLY	0.0	--	--	--	--	53	54	--	--	--	--	0.0	54					

**KEY NOTES**

- ① PROVIDE GFCI BREAKER. DO NOT SHARE NEUTRAL.

DESCRIPTION	CONNECTED KVA	DEMAND FACTOR	DEMAND KVA
CONT. LOAD	113	125%	141
RECEPTACLE	5.22	100%/50%	5.22
MTRS/COOLS	3.58	100%	3.58
HEATS	9.60	100%	9.60
WATER HEATER	4.50	100%	4.50
EQUIPMENT	8.88	100%	8.88
KITCHEN EQUIP.	0.00	65%	0.00
SPECIAL EQ.	0.00	100%	0.00
25% OF LARGEST HVAC/MOTOR	1.18	4	1.18
TOTAL DEMAND	44.38	15	66.57

400 A MINIMUM BUS SIZE  
400 A MAIN CIRCUIT BREAKER  
22 K MINIMUM AIC RATING

CONNECTED LOADS  
PHASE A: 22.8 KVA  
PHASE B: 20.1 KVA  
TOTAL: 42.9 KVA  
DEMAND: 185 AMP

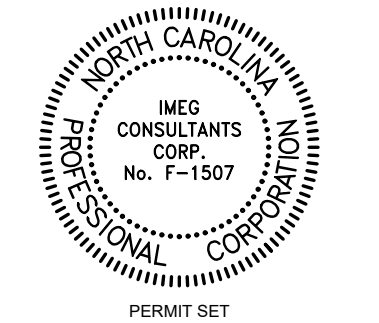
400 A MINIMUM BUS SIZE  
400 A MAIN CIRCUIT BREAKER  
22 K MINIMUM AIC RATING

NOTES  
1. SQUARE D: N OR EQUAL, NO LOAD CENTER TYPE.  
2. PROVIDE DOOR IN DOOR COVER (HINGE TRIM).

CONNECTED LOADS  
PHASE A: 22.8 KVA  
PHASE B: 20.1 KVA  
TOTAL: 42.9 KVA  
DEMAND: 185 AMP

**4 PANEL SCHEDULE**  
E1.1 NO SCALE

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GENERAL NOTE:  
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	Description	Date

Date: 11/24/25  
Project No: 25003  
Sheet No: E1.1  
Sheet Title: LIGHTING PLAN, POWER PLAN, POWER RISER, PANEL SCHEDULE

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