



Renews: JUNE 30, 2025
project title:

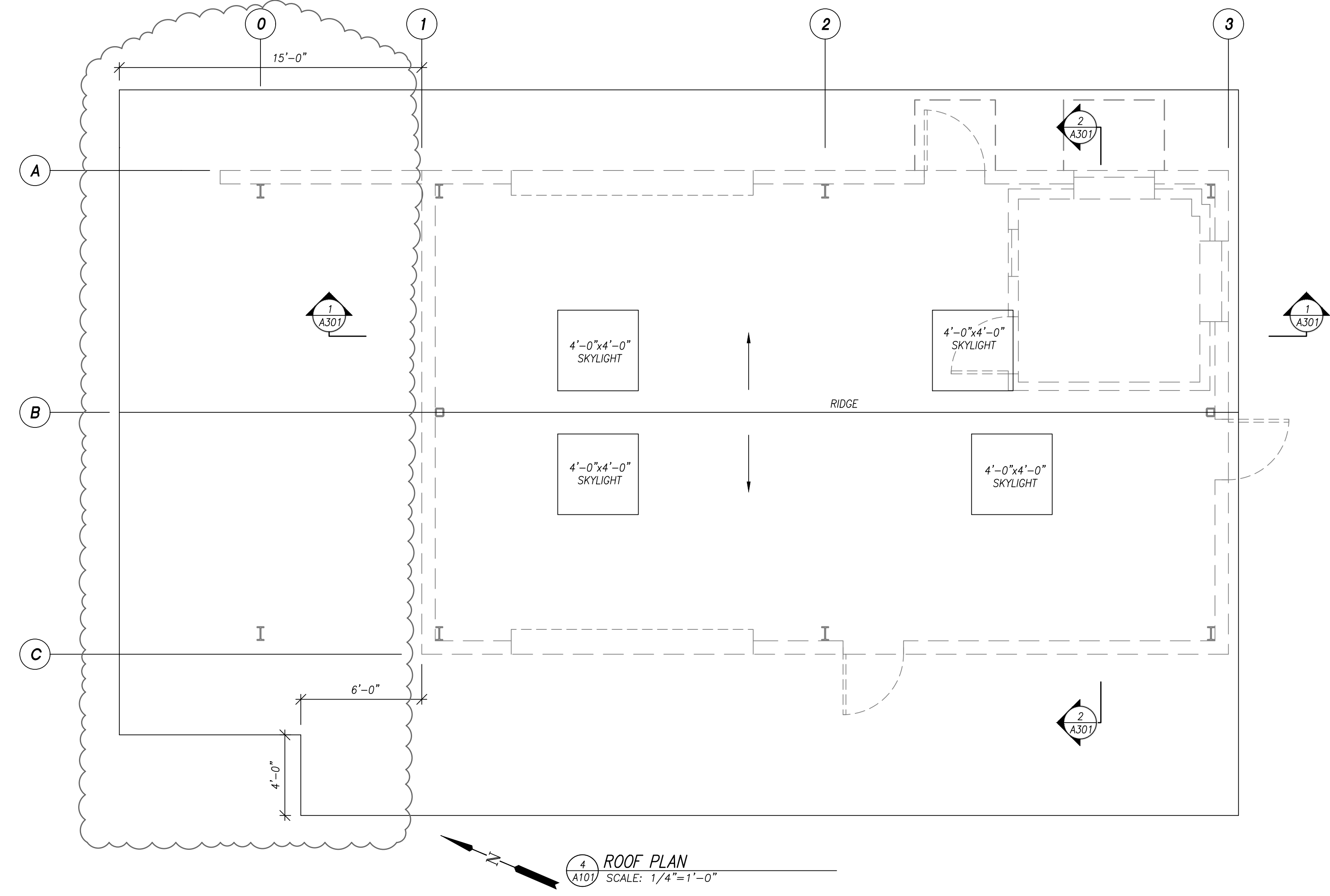
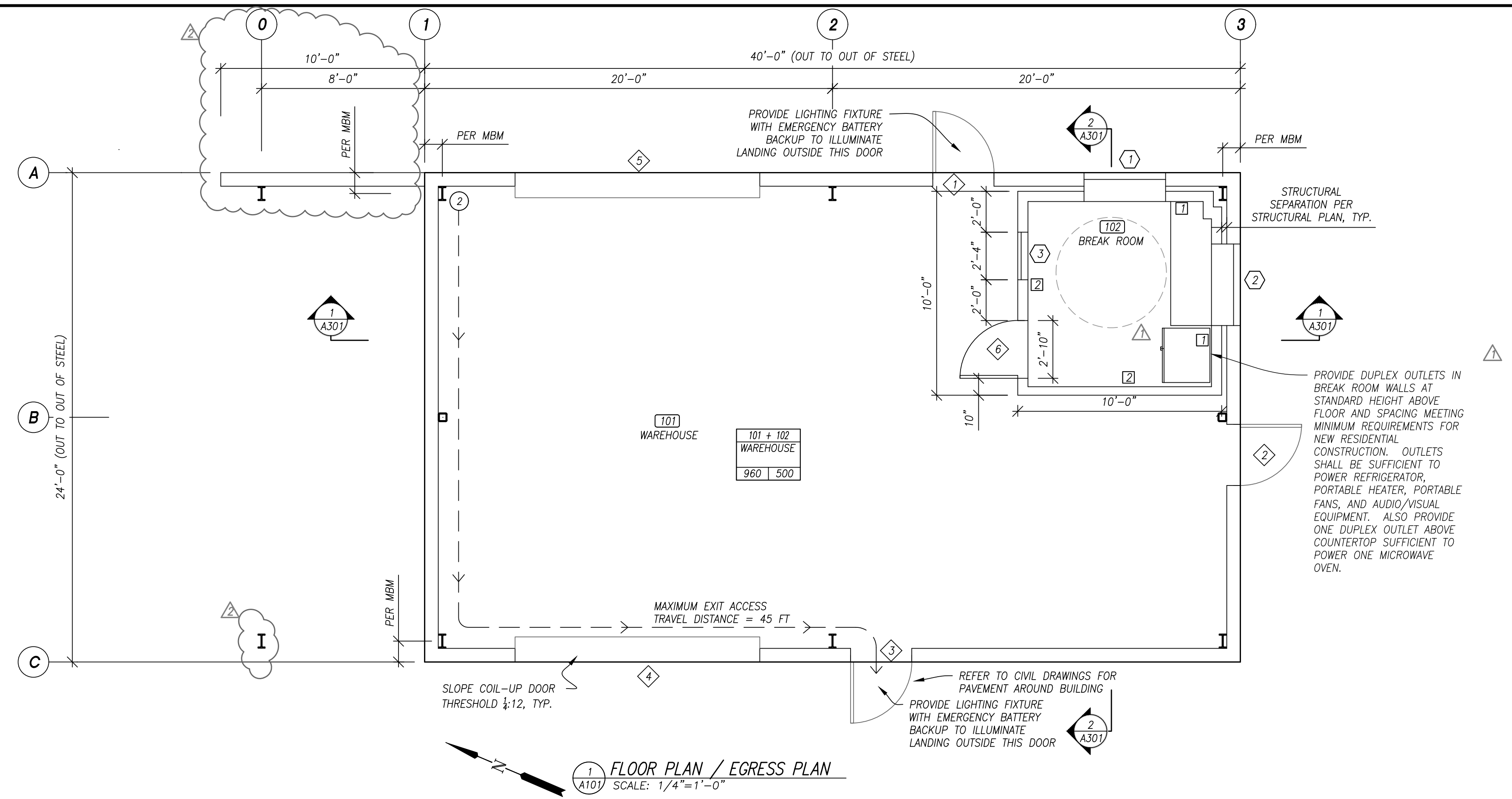
**FLORENCE TRANSFER STATION EXPANSION
E-WASTE BUILDING**
2820 N. RHODODENDRON DRIVE
FLORENCE, OREGON 97439

revisions:
 9-18-2023 RH
 1-12-2024 RH

date: JUNE 15, 2023
 drawn by: JLB
 designer: RH
 project no: 21-190

FLOOR & ROOF PLANS

sheet: **A101**



LEGEND

	WALL WITH TYPE ID
	DOOR
	COLUMN
	DOOR NUMBER
	WINDOW NUMBER
	OCCUPANT LOAD FOR ROOM OR AREA SHOWN IN MOST REMOTE LOCATION FROM EXIT
	SCHEMATIC EXIT PATH WITH DIRECTION OF TRAVEL w/ SPLIT OCCUPANT LOAD WHERE OCCURRING
	ROOM AREA (FF)
	OCCUPANT LOAD FACTOR (TABLE 1004.5)

- GENERAL NOTES:**
- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 - CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE IN GENERAL CONFORMANCE WITH CONSTRUCTION DETAILS OF A SIMILAR NATURE ELSEWHERE ON THE PROJECT.
 - DIMENSIONS SHOWN TO FACE OF STEEL ARE REFERENCING THE EXTERIOR FACE OF WALL GIRTS. ACTUAL LOCATIONS OF BUILDING FRAMES AND COLUMNS SHALL BE PER METAL BUILDING MANUFACTURER.
 - DIMENSIONS FOR WOOD-FRAMED WALL ARE REFERENCING THE EXTERIOR FACE OF FRAMING, U.N.O.
 - COLUMNS AND FRAMES SHOWN ARE SCHEMATIC IN NATURE. METAL BUILDING MANUFACTURER SHALL DESIGN ALL METAL BUILDING STRUCTURAL SYSTEM. METAL BUILDING MANUFACTURER DESIGN MAY VARY FROM THAT SHOWN HEREON.



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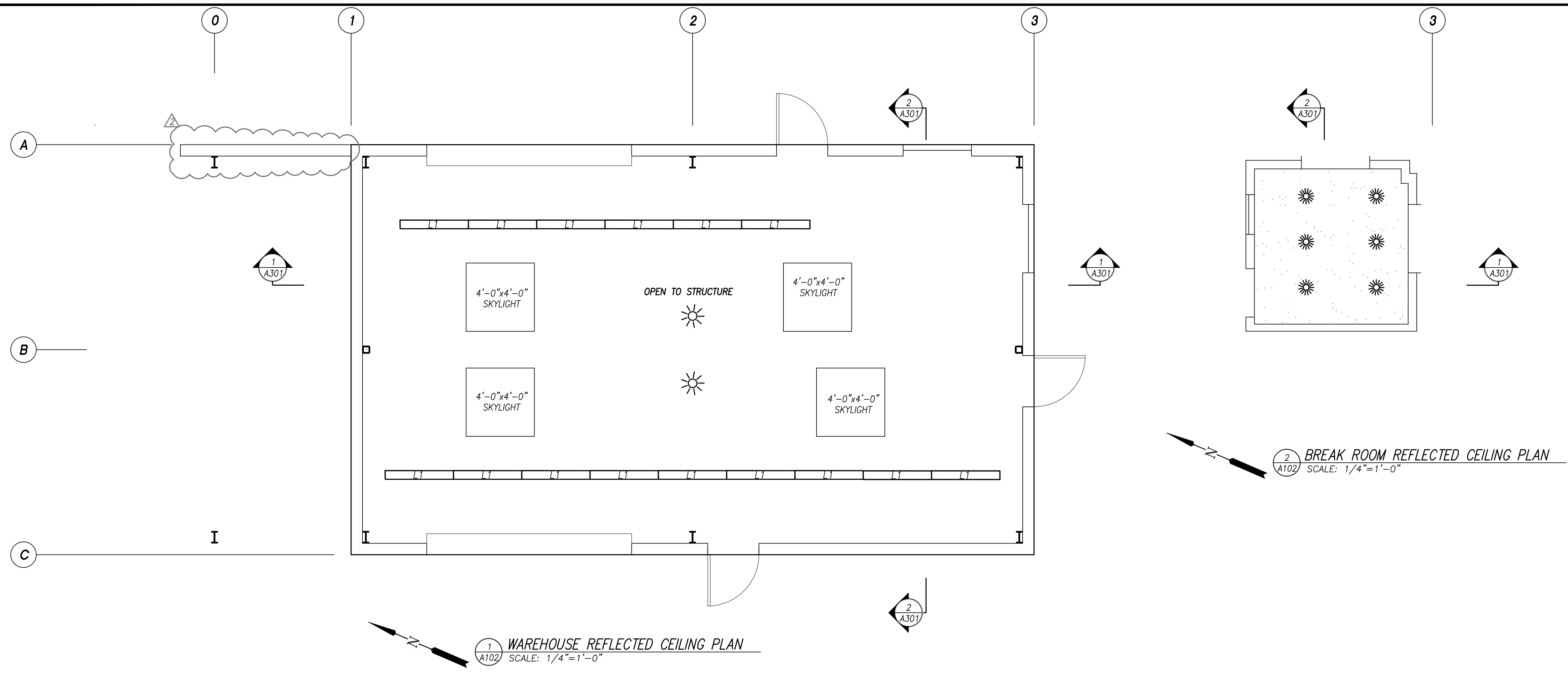
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**REFLECTED
CEILING PLAN**

sheet: **A102**

LEGEND

- 1'x4' NOMINAL PENDANT MOUNT LED FIXTURE - KENALL RANGER R12 OR APPROVED ALTERNATE
- 6" DIAMETER RECESSED LED LIGHT FIXTURE - KENALL HADL6 OR APPROVED ALTERNATE.
- HIGH-BAY LED FIXTURE - HB2-240 OR APPROVED ALTERNATE
- GYP BOARD CEILING



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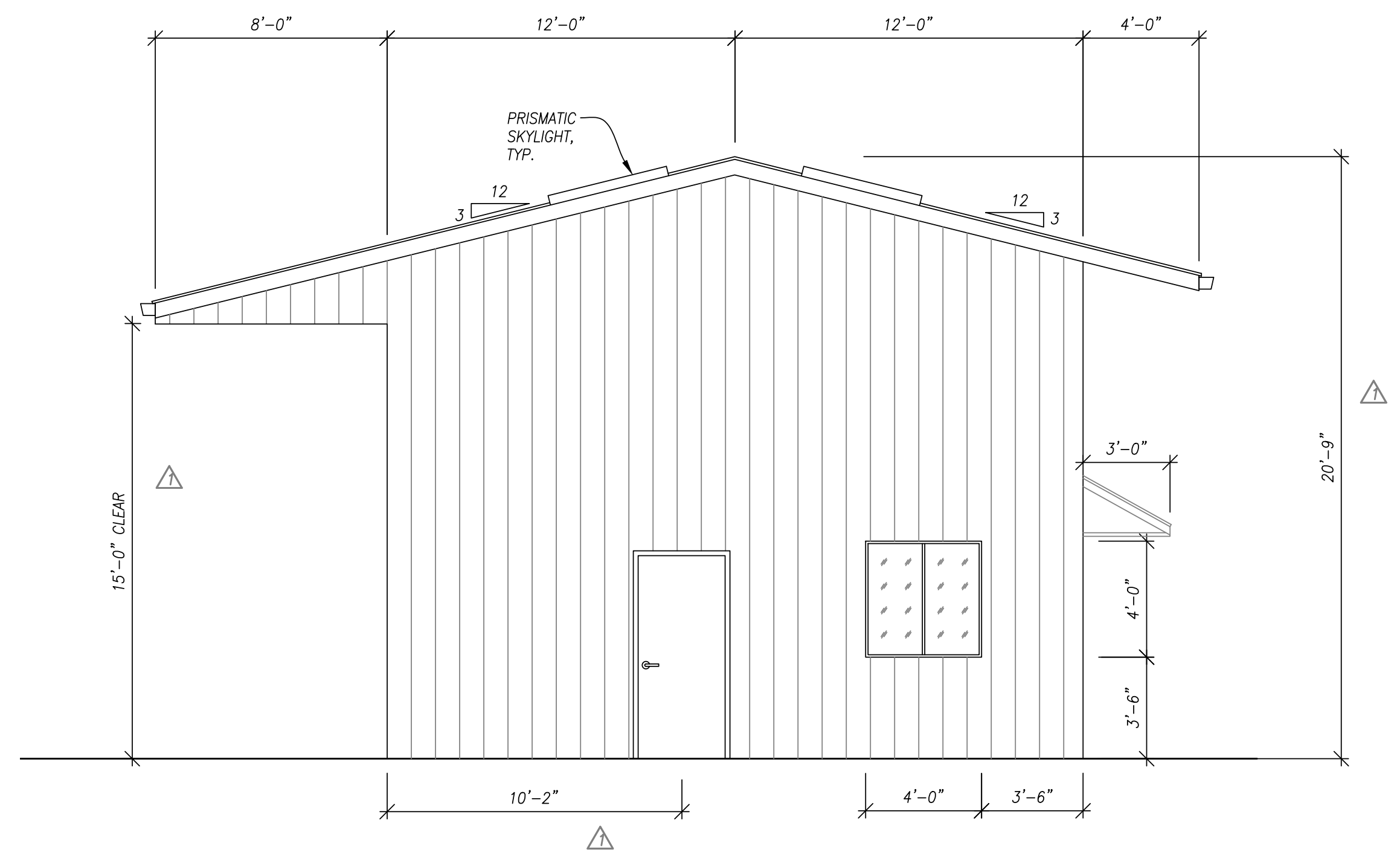
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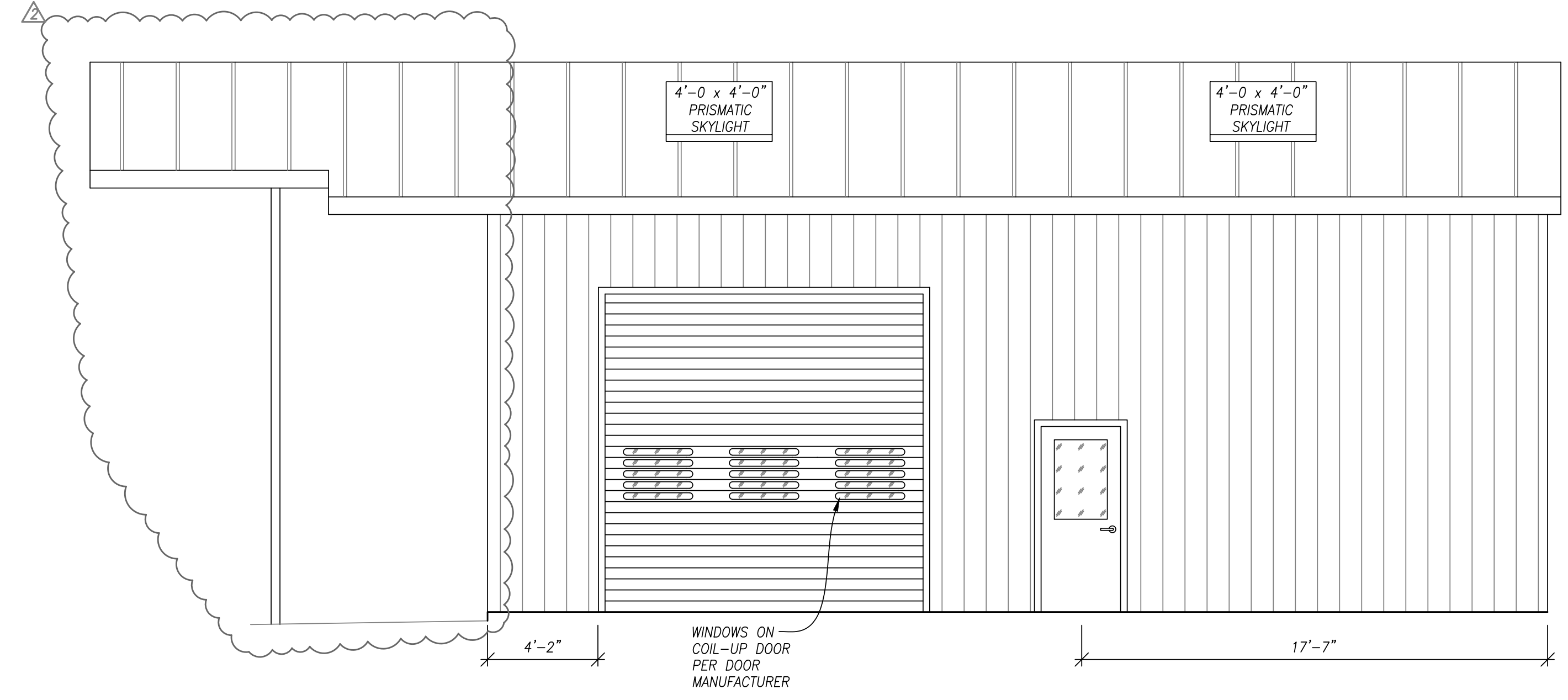
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ELEVATIONS

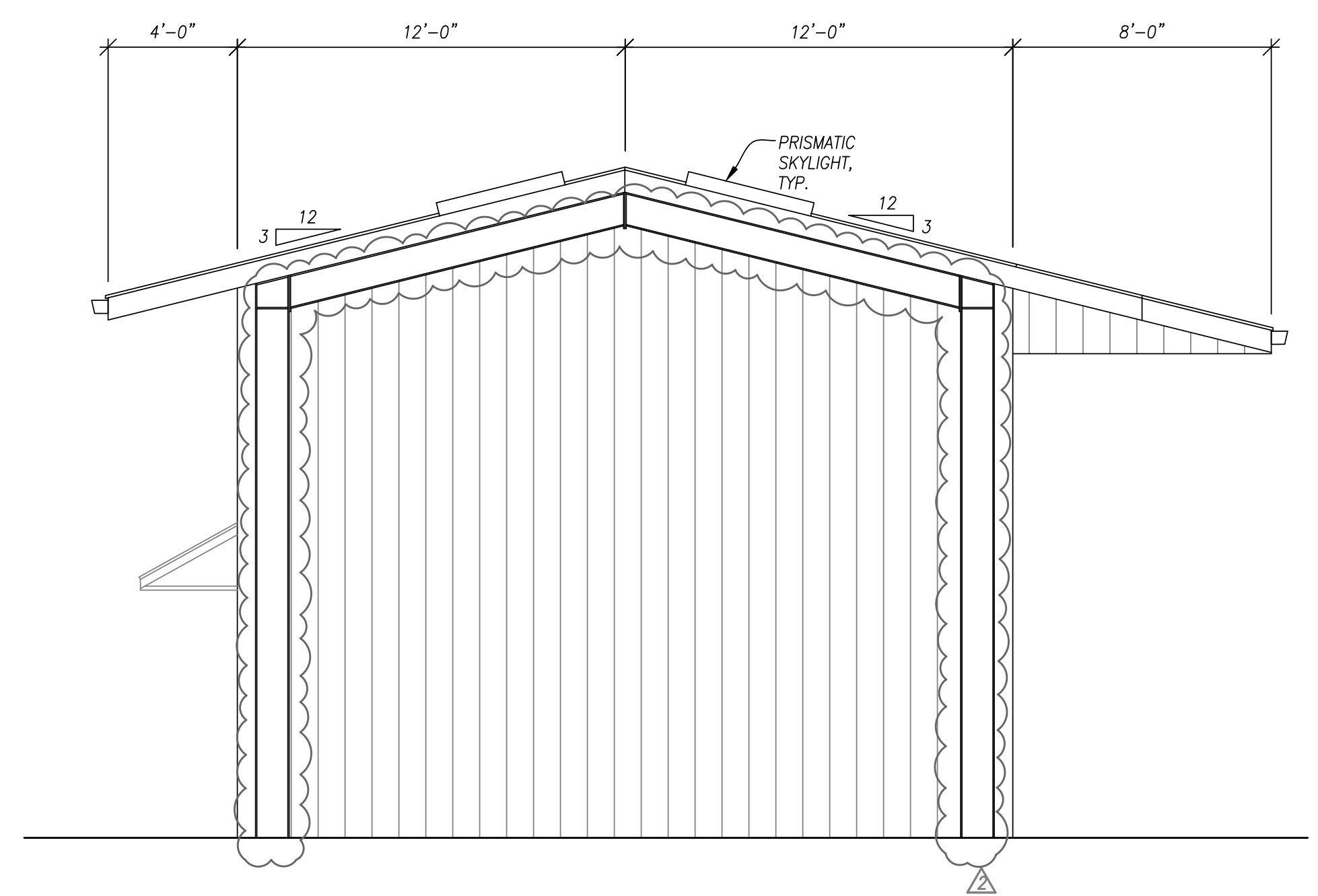
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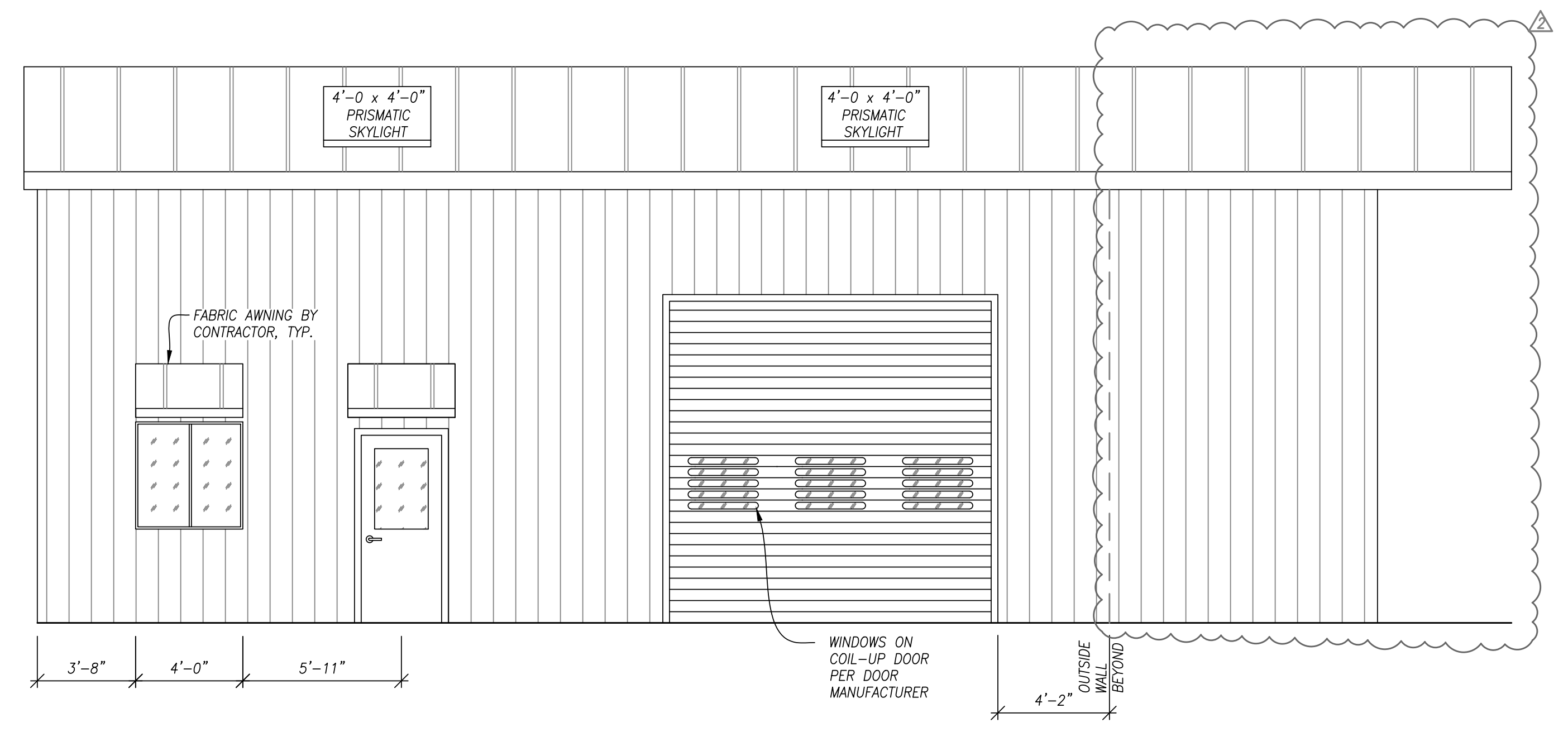
1 SOUTH ELEVATION
A201 SCALE: 1/4"=1'-0"



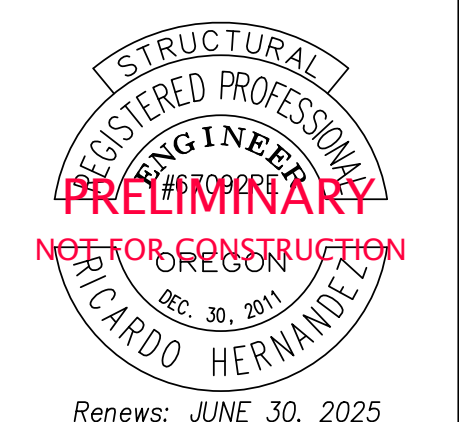
2 WEST ELEVATION
A201 SCALE: 1/4"=1'-0"



3 NORTH ELEVATION
A201 SCALE: 1/4"=1'-0"



4 EAST ELEVATION
A201 SCALE: 1/4"=1'-0"



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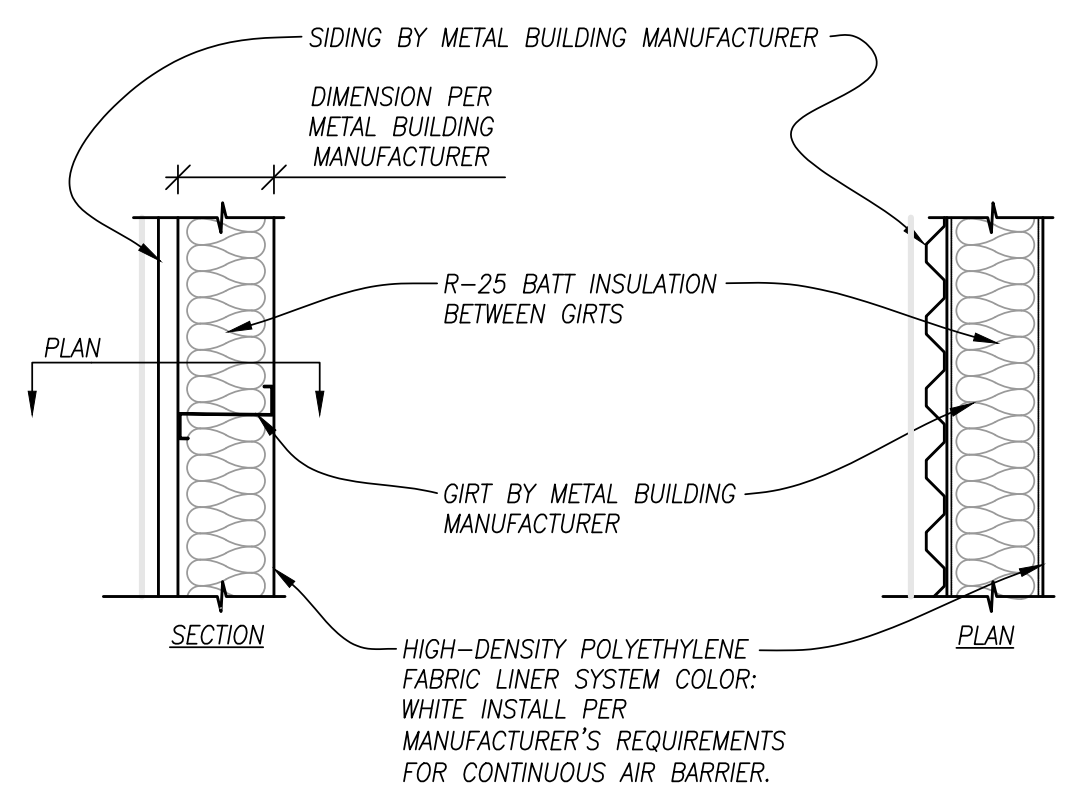
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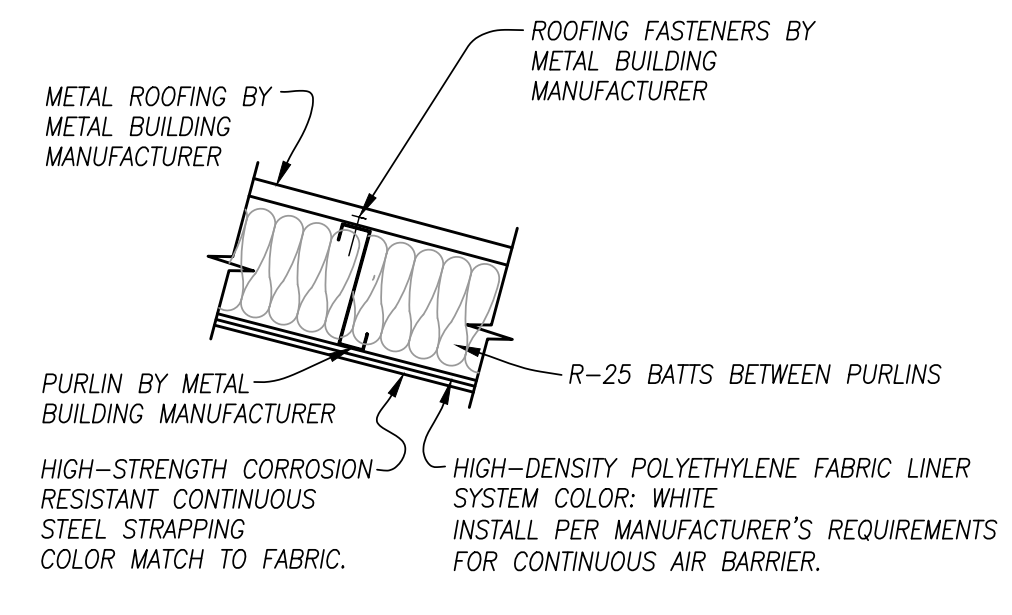
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DETAILS

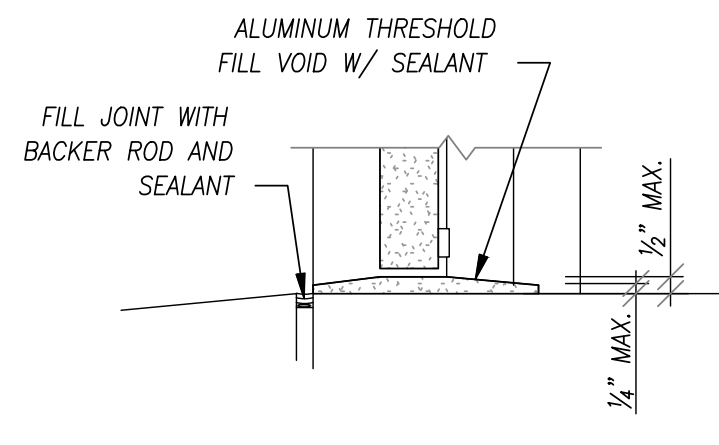
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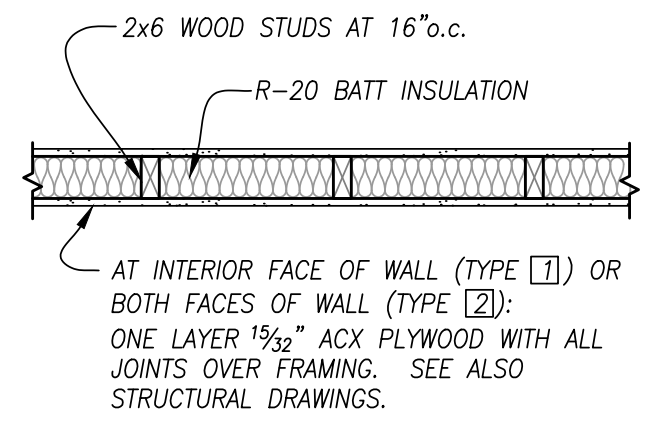
1 EXTERIOR WALL ASSEMBLY
SCALE: N.T.S.



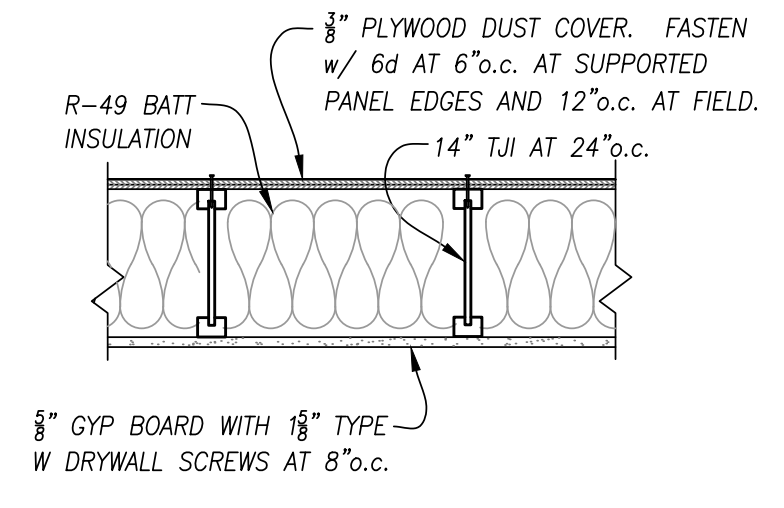
2 ROOF/CEILING ASSEMBLY
SCALE: N.T.S.



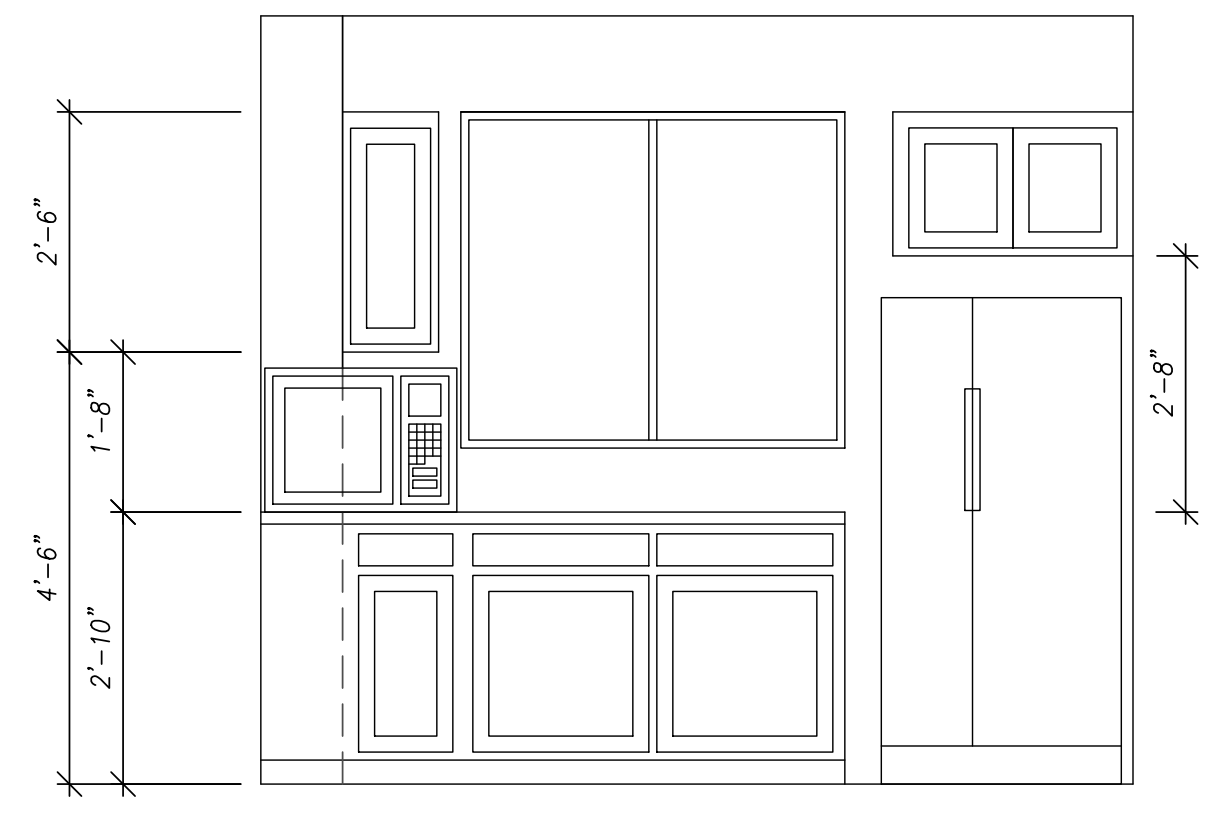
3 EXTERIOR DOOR SILL
SCALE: N.T.S.



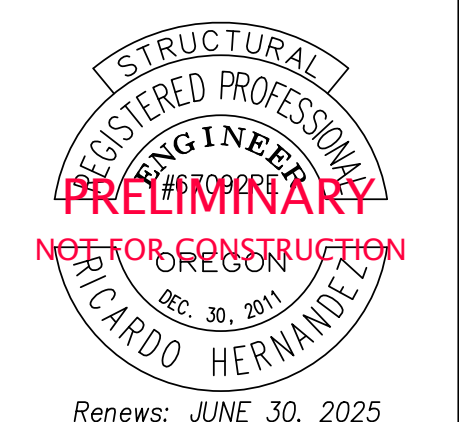
4 TYP. INTERIOR WALL ASSEMBLY
SCALE: N.T.S.



5 CEILING ASSEMBLY
SCALE: N.T.S.



6 KITCHEN ELEVATIONS
SCALE: N.T.S.



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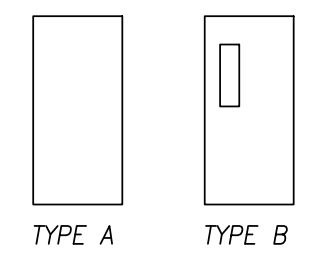
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SCHEDULES

sheet: **A601**

HARDWARE GROUPS						WINDOW SCHEDULE									
	DESCRIPTION	PART #	QTY.	FINISH	VENDOR OR ALTERNATE	WINDOW NUMBER	WIDTH	HEIGHT	BRAND	GLAZING	U FACTOR	SHGC	MIN. VT/SHGC	FINISH	OPERABLE
GROUP 1:	HINGES	T4A2714 4 1/2 x 4 1/2 NRP	3	US26D	McKINNEY	1-2	4'-0"	4'-0"	MILGARD OR CERTAINTeed	DOUBLE GLAZED, THERMA-FLECT (LO E)	0.45 MAX.	0.33 MAX.	1.10	VINYL	SLIDER
	LOCKSET	AL53PD w/ DEADBOLT	1	626	SCHLAGE	3	2'-4"	3'-0"	MILGARD OR CERTAINTeed	DOUBLE GLAZED, THERMA-FLECT (LO E)	0.36 MAX.	0.36 MAX.	1.10	VINYL	NO
	CLOSER w/ HOLD OPEN DEVICE	4110/4111 HANDED SERIES	1	689	LCN										
	EXTERIOR	SEALS	-	1 SET	-	PEMKO									
		RAINDRIP	346 A 40"	1	-	PEMKO									
	THRESHOLD	171	1	AL	PEMKO										
GROUP 2:	HINGES	TA2714 4 1/2 x 4 1/2 NRP	3	-	McKINNEY										
	OFFICE FUNCTION LOCKSET	AL 85PD	1	626	SCHLAGE										
	DOOR STOP	70-619	1	626	SCHLAGE										
	OFFICE	SEALS	-	1 SET	-	PEMKO									
		THRESHOLD	171	1	AL	PEMKO									

DOOR SCHEDULE							
DOOR	SIZE	SWING	FRAME	DOOR	TYPE	HARDWARE GROUP	REMARKS
1-2	30x70	RHR	METAL	METAL	A	1	
3	30x70	LHR	METAL	METAL	A	1	
5-4	120x120	COIL-UP	METAL	METAL	-	-	VISION PANEL AT 6' HEAD HEIGHT
6	30x70	RHR	METAL	METAL	B	2	MAX. U-FACTOR = 0.63





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**FOUNDATION
PLAN & NOTES**

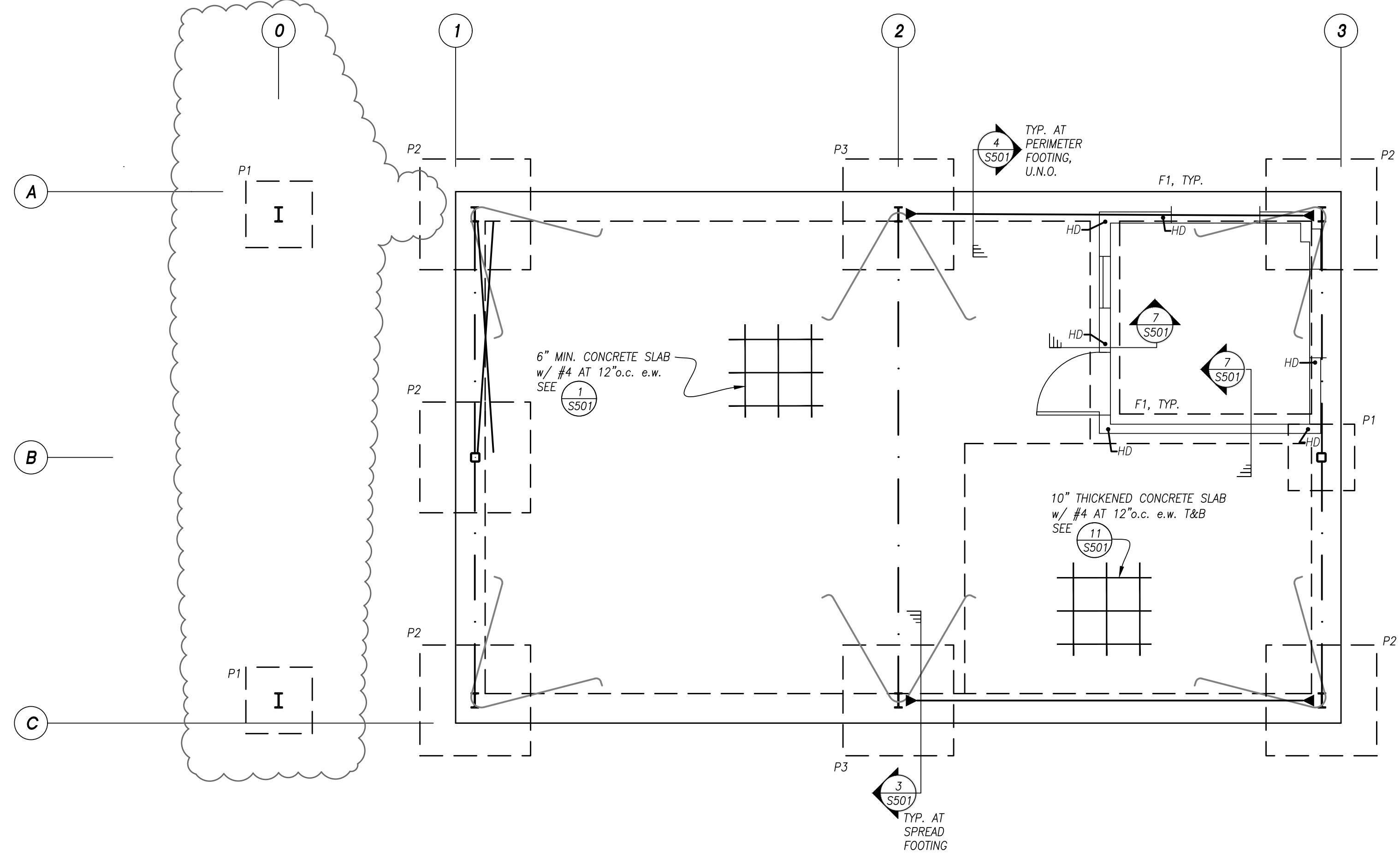
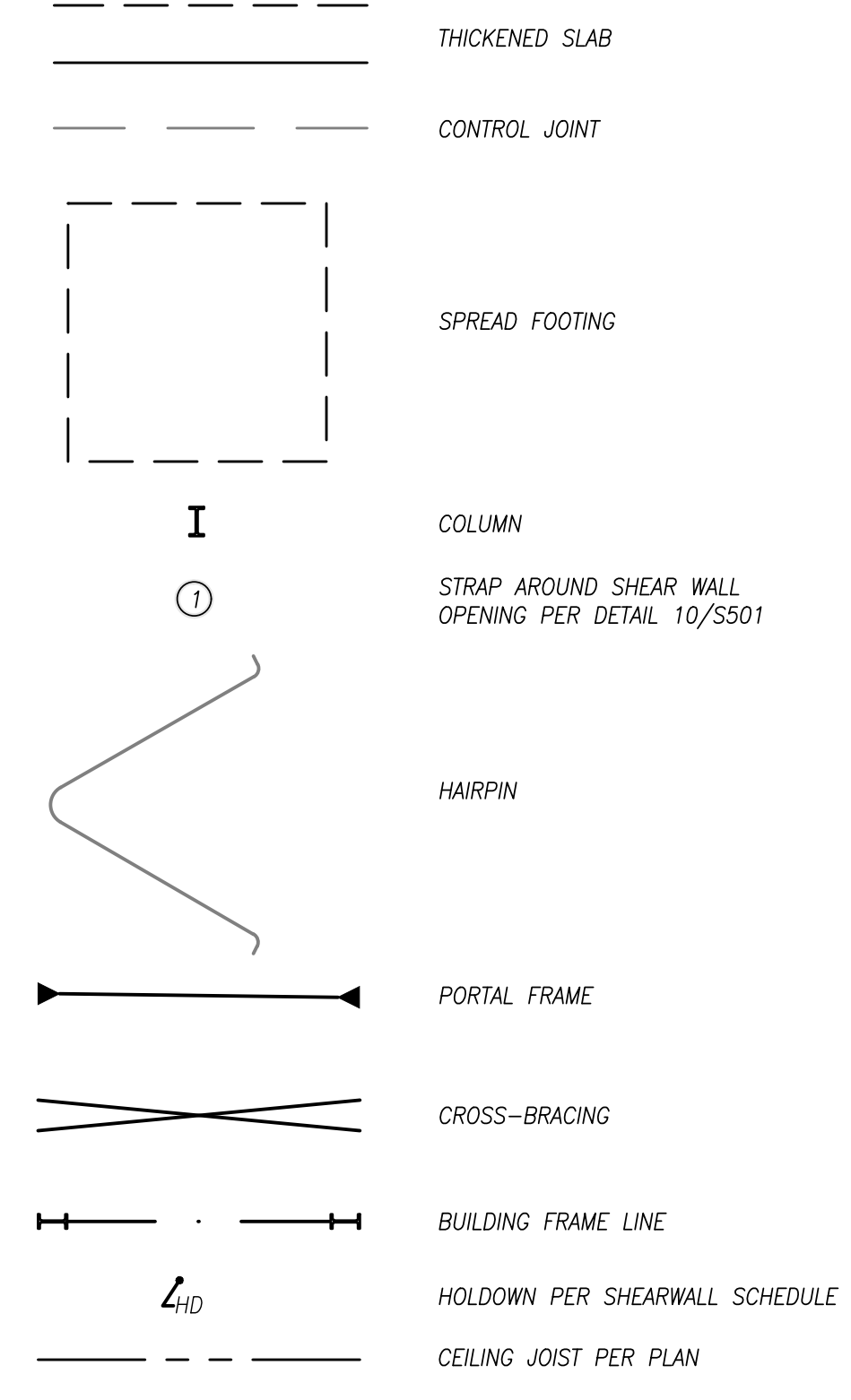
sheet:
S101

FOOTING SCHEDULE

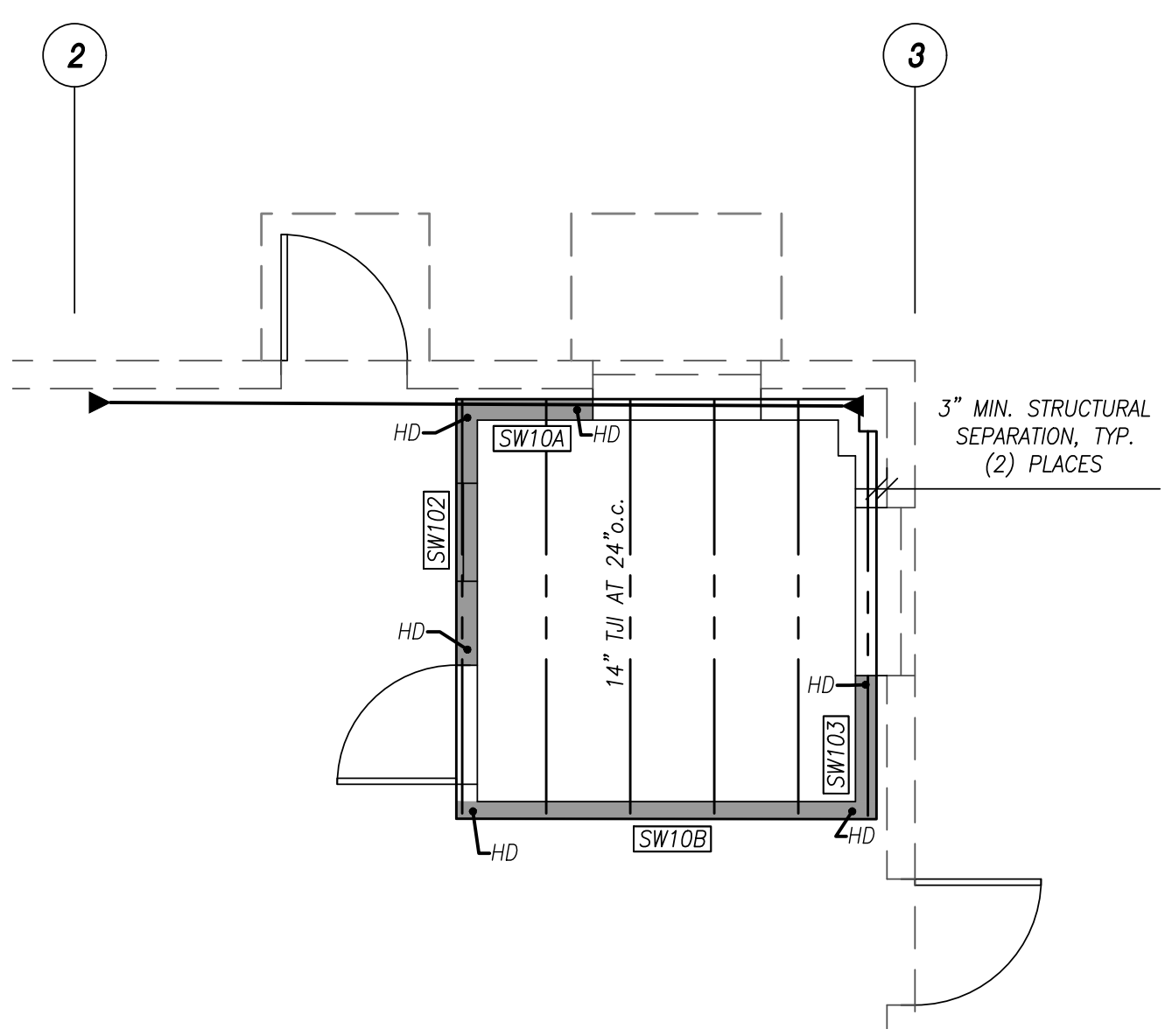
MARK	SIZE	REINFORCING	ANCHOR*	EMBED
P1	3'-0" SQ. x 1'-0" THK	(3) #5 BAR EACH WAY T&B	PAB5	12"
P2	5'-0" SQ. x 1'-0" THK	(5) #5 BAR EACH WAY T&B	PAB6/PAB6	12"
P3	5'-0" SQ. x 1'-6" THK	(5) #5 BAR EACH WAY T&B	PAB6/PAB6	
F1	1'-4" WIDE x 1'-6" THK	(2) #5 CONT. BARS T&B	N/A	N/A

*FOOTING LOCATION MAY REQUIRE ANCHOR BOLTS FOR RIGID FRAME & PORTAL FRAME CONNECTIONS. ANCHOR BOLTS LISTED ARE THOSE REQUIRED FOR RIGID FRAME & PORTAL FRAME (WHERE APPLICABLE) RESPECTIVELY.

LEGEND



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



2 BREAK ROOM FRAMING PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES:

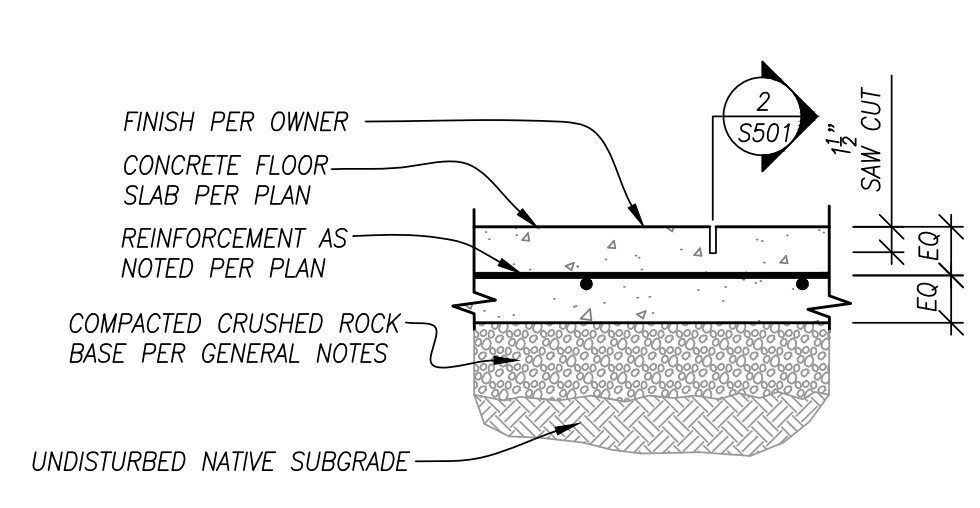
- BUILDING FOUNDATION & FOOTING DESIGN APPLIES ONLY TO THOSE REACTIONS SUPPLIED BY THE MANUFACTURER IN THE COLUMN BASE REACTIONS PACKET, MARKED a. "JOB NUMBER" b. "FOR ERECTOR INSTALLATION"
- REQUIRED ANCHOR ROD PROJECTION IS PER METAL BUILDING MANUFACTURER.
- ALL ANCHOR ROD SHALL BE F1554 GRADE 36.
- LATERAL BRACING SHALL BE PER THE METAL BUILDING MANUFACTURER. LATERAL BRACING LAYOUT SHALL BE CONSISTENT WITH THAT SHOWN HEREON. CONTACT THE FOUNDATION DESIGN ENGINEER IF LATERAL BRACING LAYOUT DIFFERS FROM THAT SHOWN.
- ANCHOR BOLTS ARE AS MANUFACTURED BY "SIMPSON STRONG-TIE" OR APPROVED ALTERNATE.
- ANCHOR BOLT PATTERNS AND LOCATION ARE PER THE METAL BUILDING MANUFACTURER.
- COMPACTED CRUSHED ROCK BASE BENEATH ALL CONCRETE ELEMENTS SHALL BE 24" MIN. CRUSHED ROCK COMPACTED TO 95% RELATIVE COMPACTION, MODIFIED PROCTOR. INSTALL IN TWO 12" LIFTS WITH BIAXIAL GEOGRID PLACED BETWEEN LIFTS. CRUSHED ROCK SHALL BE WELL GRADED AND HAVE A MAXIMUM PARTICLE SIZE OF 3". FINAL LEVELING COURSE MAY BE 3/4"-0". ALL CRUSHED ROCK FILL SHALL BE APPROVED BY LANE COUNTY ENGINEERING AND CONSTRUCTION SERVICES BEFORE IMPORTING IT TO THE SITE.

CONCRETE SPECIFICATIONS:

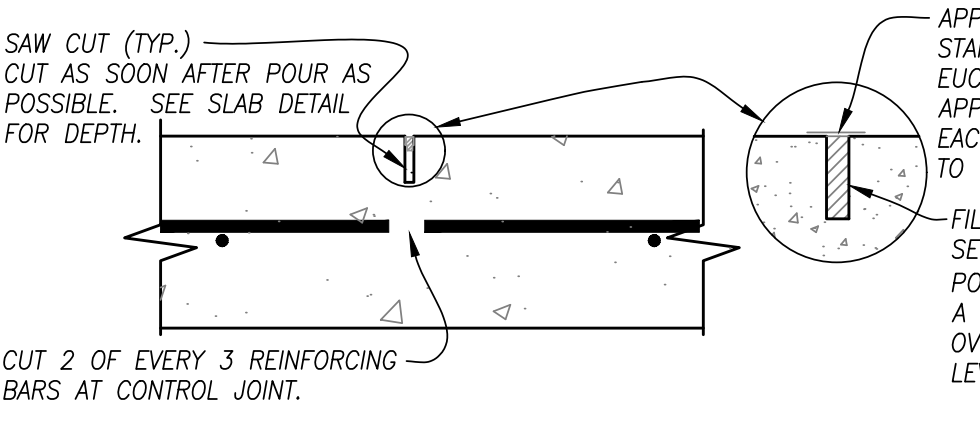
- CEMENT: ASTM C150 TYPE I OR II.
- WATER: IN CONFORMANCE WITH ASTM C94.
- WATER-REDUCING ADMIXTURE: ASTM C494 TYPE A, OR TYPE F MID-RANGE TYPE.
- STRUCTURAL CONCRETE SHALL BE f'c = 4500 PSI AT 28 DAYS. SLUMP SHALL BE 4" +/- 1". SLUMPS MAY BE INCREASED TO 8" MAXIMUM w/ APPROVED ADMIXTURE. f'c = 2500 PSI USED FOR DESIGN PURPOSES.
- MAXIMUM W/C RATIO SHALL BE 0.45
- CONCRETE MATERIALS AND QUALITY SHALL BE IN ACCORDANCE WITH CHAPTERS 3 AND 5 RESPECTIVELY OF CURRENT ADOPTED VERSION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- TRANSPORTATION OF READY-MIX CONCRETE SHALL BE IN ACCORDANCE WITH ASTM C94 "SPECIFICATION FOR READY-MIX CONCRETE" AND CONCRETE PLACEMENT, CONSOLIDATION, AND CURING SHALL BE IN ACCORDANCE WITH SECTION 5 OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- HOT-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305R "GUIDE TO HOT-WEATHER CONCRETING" AND 305.1 "STANDARD SPECIFICATION FOR HOT-WEATHER CONCRETING". COLD-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306R "GUIDE TO COLD-WEATHER CONCRETING" AND 306.1 "STANDARD SPECIFICATION FOR COLD-WEATHER CONCRETING".
- USE ASTM A615 GRADE 60 REINFORCING BARS
- CURING OF SLAB CONCRETE SHALL BE WET TYPE IN ACCORDANCE WITH SECTION 5.3.6.4 B OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" & ACI 308R-01.

SHEARWALL SCHEDULE

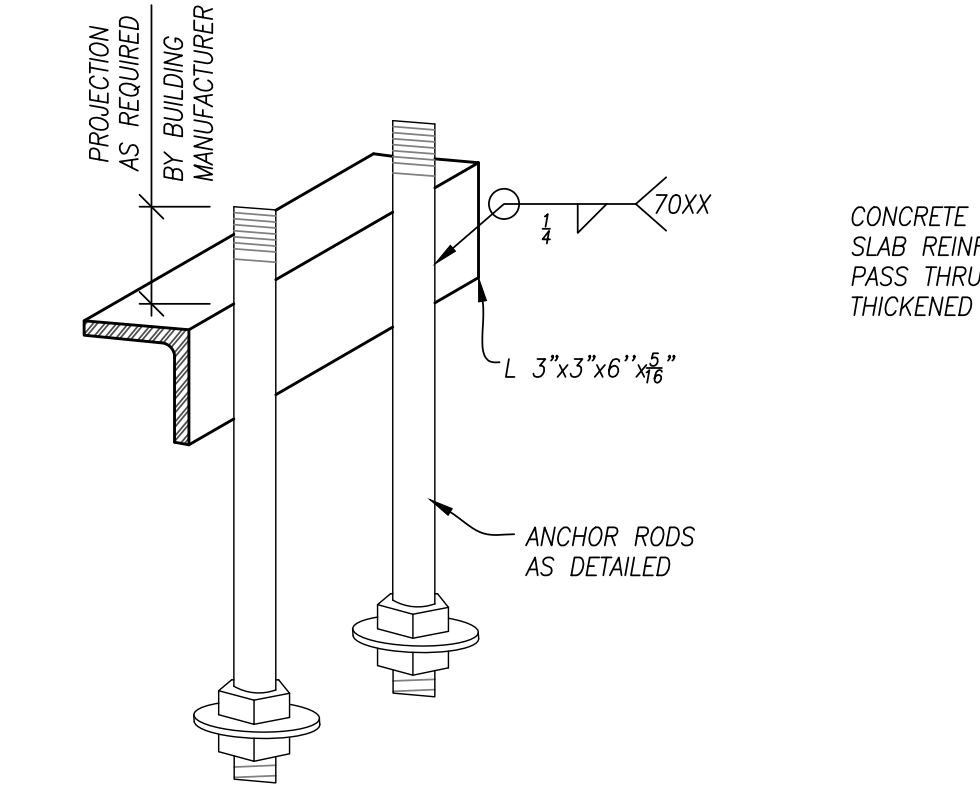
SW #	SHEARWALL SPECIFICATIONS			BASE CONNECTION SPECIFICATIONS			HOLDOWN SPECIFICATION			
	SHEATHING	PANEL FRAMING AT ADJOINING PANEL EDGES	PANEL EDGE NAILING	BOTTOM PLATE NAILING	5/8" J-BOLT MAX SPACING	LTP4/A35 SPACING	SIMPSON HD	END STUDS	ANCHOR	EMBED
SW102	15/32" CDX	2X	8d AT 6" o.c.	(3) 16d NAILS AT 32in o.c. MAX.	48 in	92 in	HDU2-SDS2.5_DF-SP	(2) 2x U.N.O. PER PLAN	"SIMPSON" SSTB16	13 in
SW103	15/32" CDX	2X	8d AT 6" o.c.	(3) 16d NAILS AT 28in o.c. MAX.	48 in	60 in	HDU2-SDS2.5_DF-SP	(2) 2x U.N.O. PER PLAN	"SIMPSON" SSTB16	13 in
SW10A	15/32" CDX	2X	8d AT 6" o.c.	(3) 16d NAILS AT 28in o.c. MAX.	48 in	60 in	HDU2-SDS2.5_DF-SP	(2) 2x U.N.O. PER PLAN	"SIMPSON" SSTB16	13 in
SW10B	15/32" CDX	2X	8d AT 6" o.c.	(3) 16d NAILS AT 32in o.c. MAX.	48 in	92 in	NONE	(2) 2x U.N.O. PER PLAN		



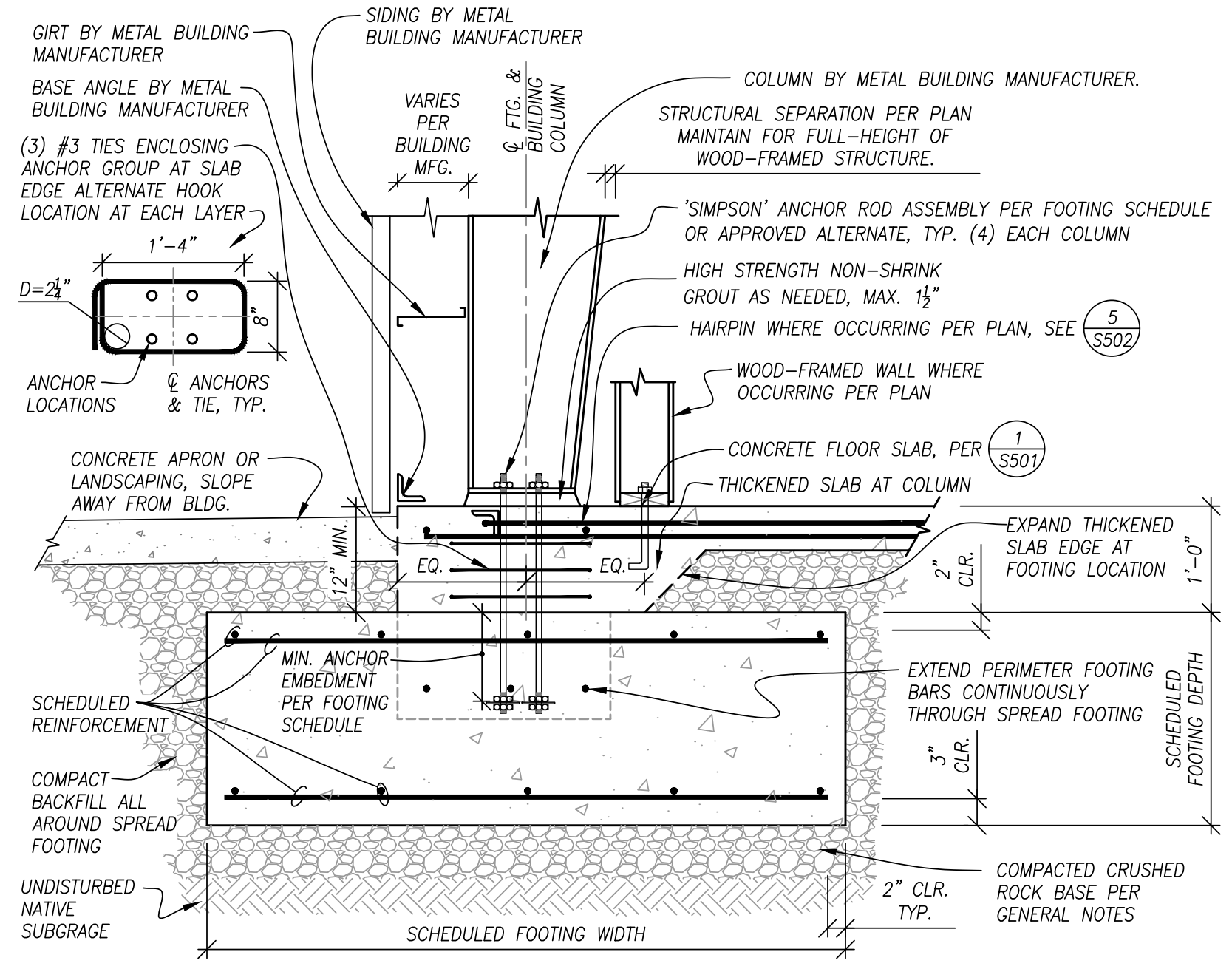
1 SLAB-ON-GRADE
SCALE: N.T.S.



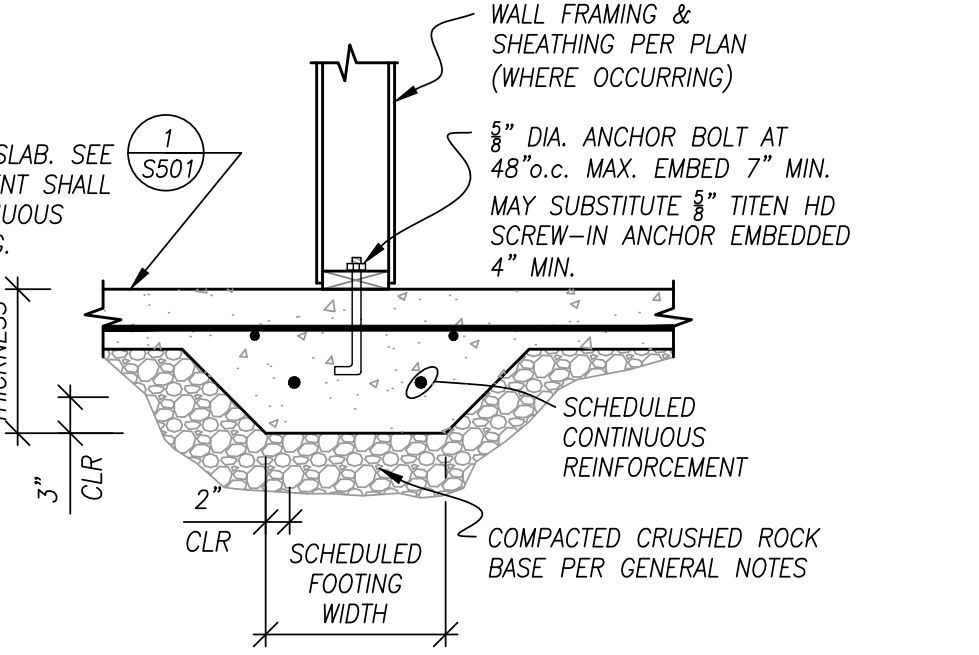
2 CONTROL JOINT
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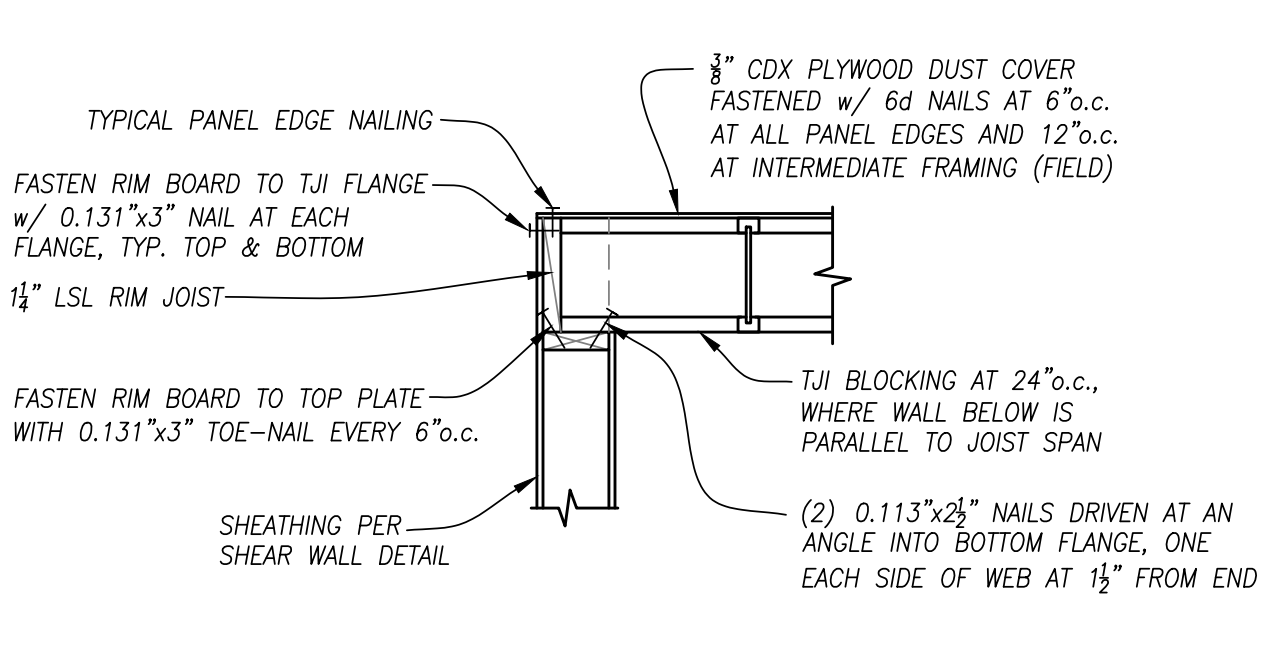
6 THRUST ANGLE DETAIL
SCALE: N.T.S.



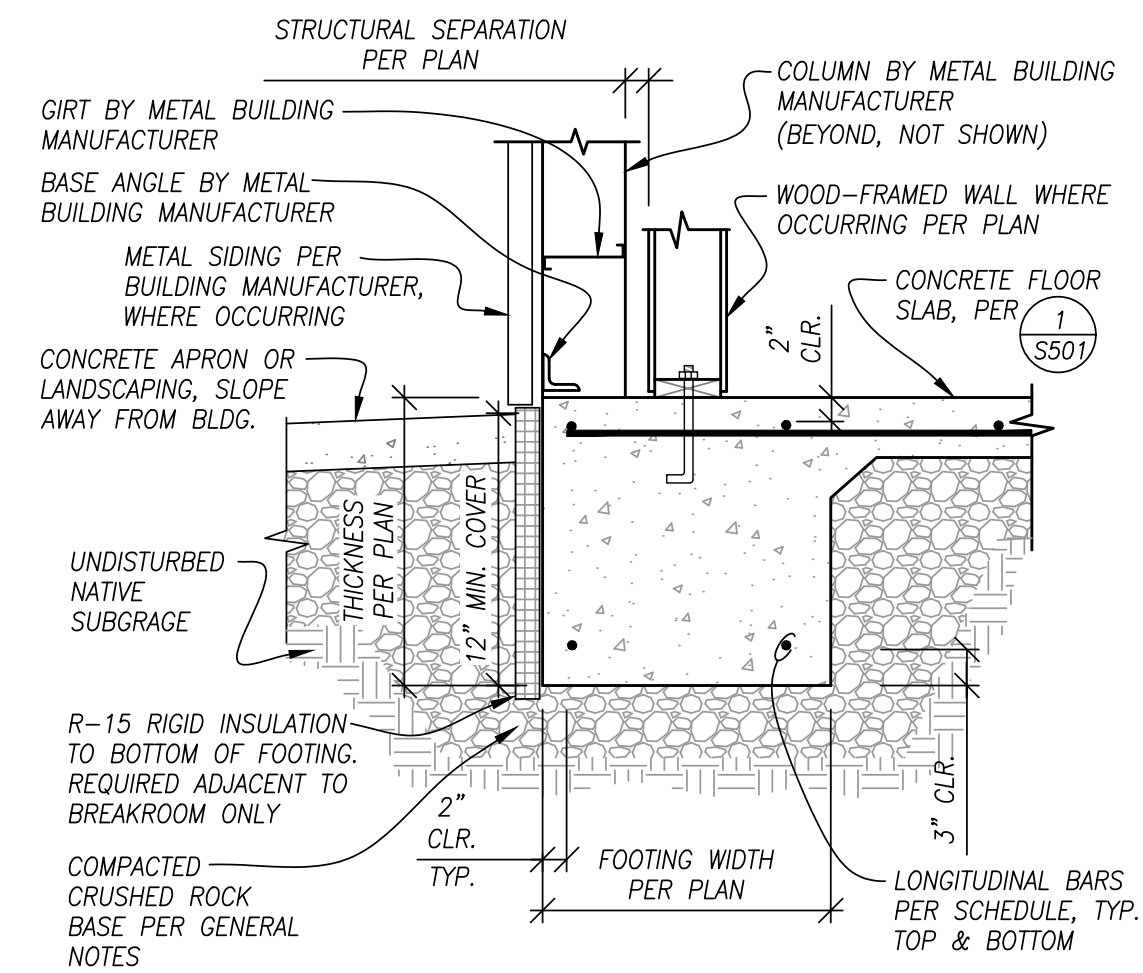
3 SPREAD FOOTING
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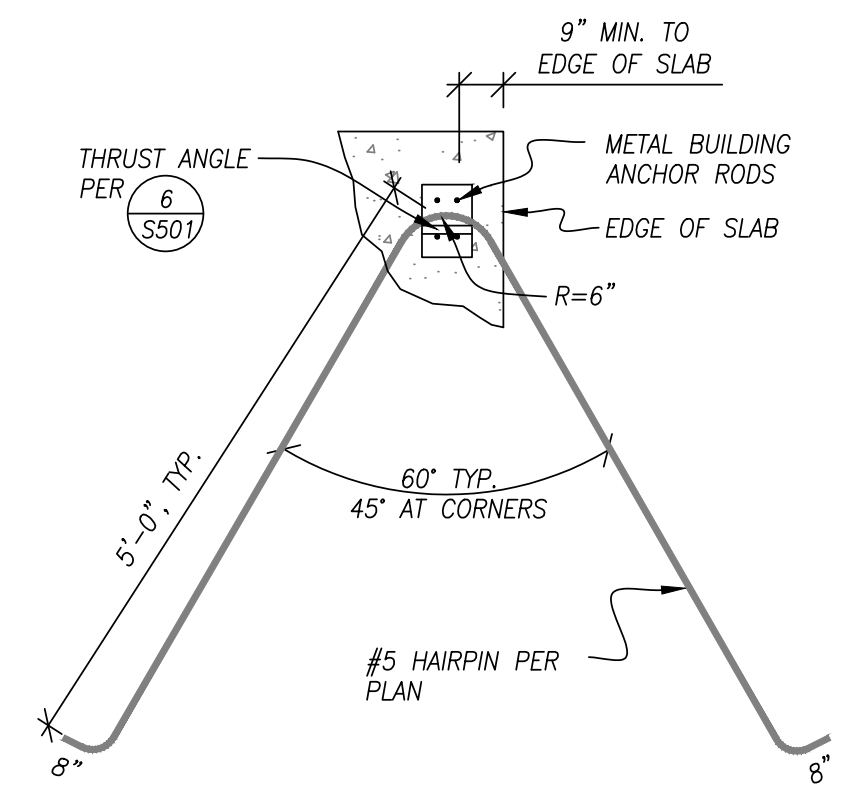
7 THICKENED FOOTING
SCALE: N.T.S.



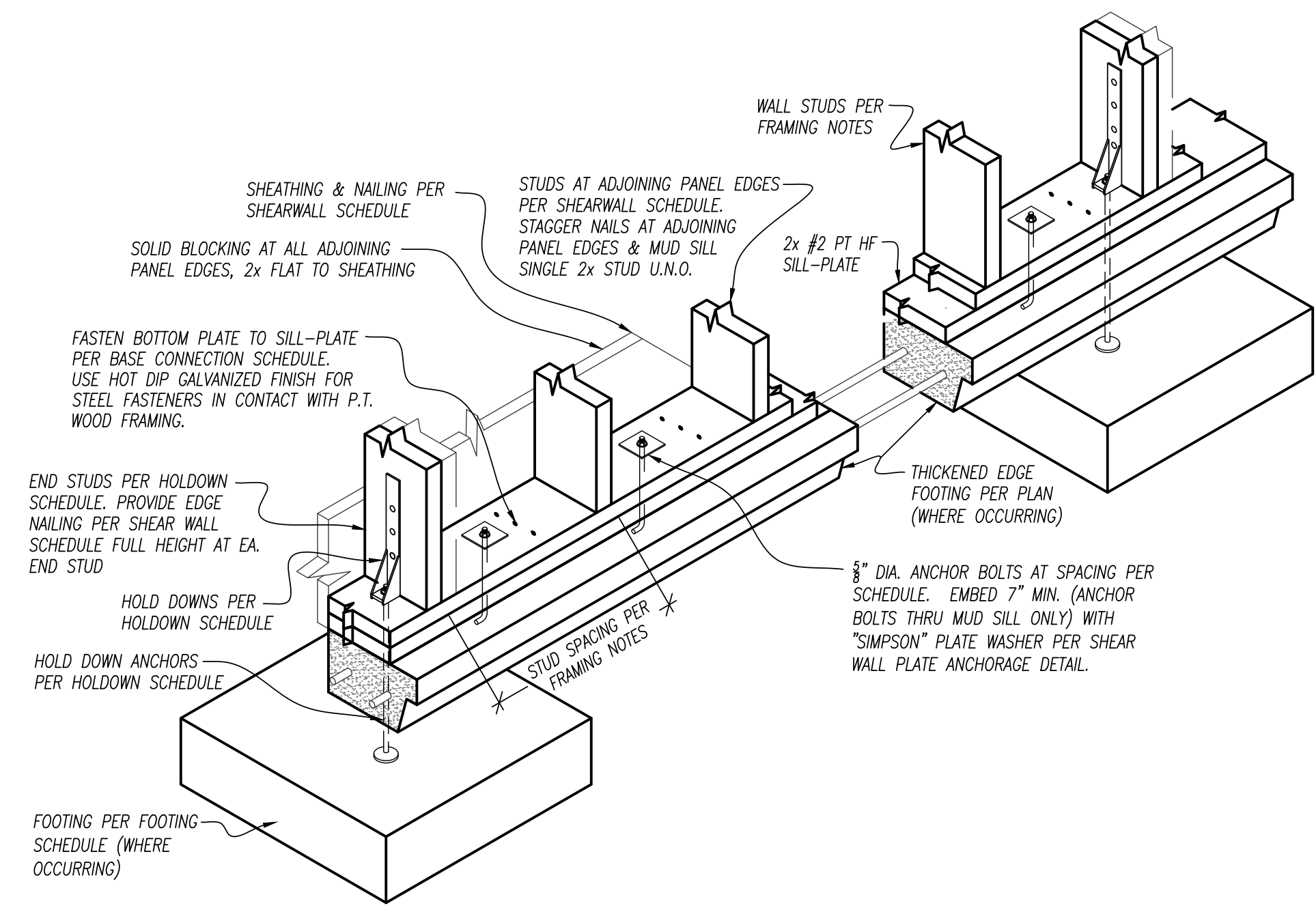
8 CEILING TO WALL CONNECTION
SCALE: N.T.S.



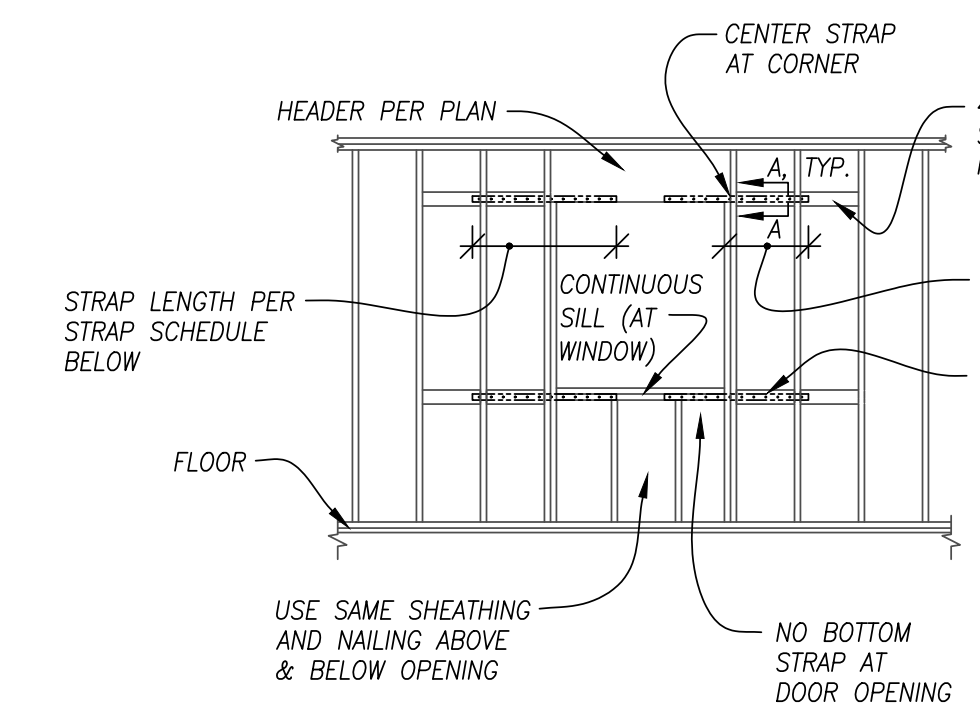
4 THICKENED SLAB EDGE
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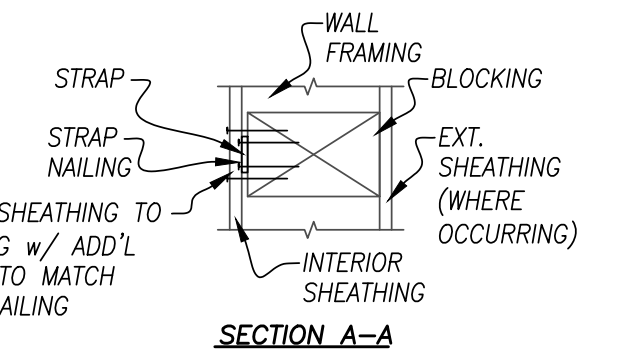
5 HAIR PIN DETAIL
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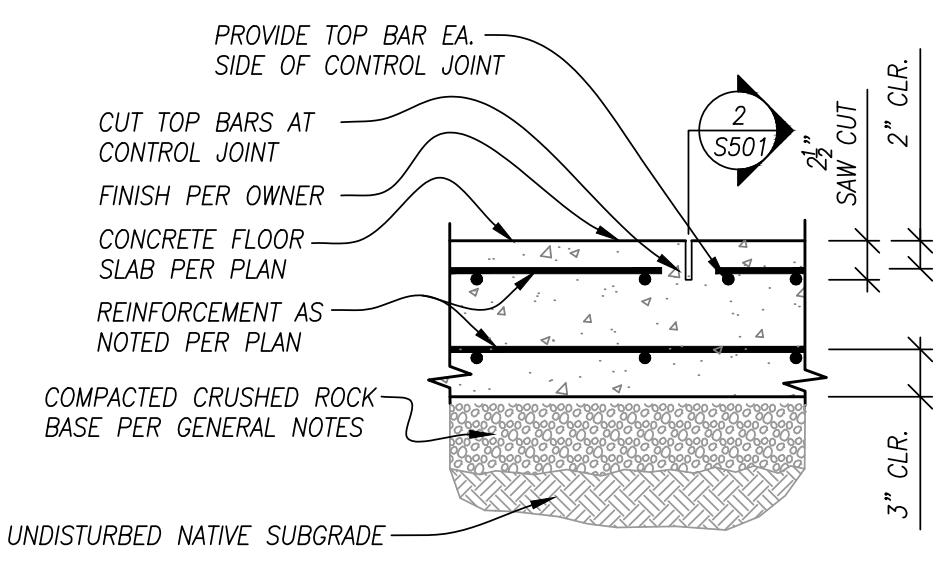
9 SHEAR WALL - FIRST STORY
SCALE: N.T.S.



STRAP AROUND OPENING SCHEDULE				
MARK	STRAP	QTY.	NAIL SIZE	TOTAL # FASTENER
1	CS16	1	8d	43



10 OPENING AT SHEAR WALL
SCALE: N.T.S.



11 SLAB-ON-GRADE
SCALE: N.T.S.