

- 1. DESIGN CRITERIA:**
- A. DESIGNED USING INTERNATIONAL BUILDING CODE, 2018 EDITION
- B. ROOF LIVE LOADING (NOW LOAD) = 150 PSF
- C. ROOF DEAD LOAD = 12 PSF
- D. FLOOR LIVE LOAD = 12 PSF
- E. FLOOR DEAD LOAD = 12 PSF
- F. WIND SPEED = 115 MPH
- G. EXPOSURE TYPE = C
- H. DESIGN PARAMETERS, Ss = 0.1
- I. MINIMUM FROST DEPTH = 24 INCHES
- 2. FOUNDATIONS & SLAB ON GRADE:**
- A. ALL FOOTING AND FOUNDATION DESIGNS ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF BEARING ON COMPETENT WHITE SOILS. MINIMUM: IF THE SITE HAS A LOWER BEARING CAPACITY THAN ASSUMED THE FOUNDATION PLAN WILL NEED TO BE REDESIGNED. IF SOIL IS DISTURBED, COMPACT SOIL IN 6" LIFTS TO 95% MAXIMUM DRY DENSITY PER ASTM D950.
- B. MINIMUM FROST DEPTH FROM LOWEST ADJACENT FINISH GRADE TO BOTTOM OF FOOTING SHALL BE MAINTAINED FOR ALL EXTERIOR FOOTINGS.
- C. CONTRACTOR TO VERIFY LOCATIONS FOR STEP FOOTINGS AND FOUNDATION WALLS BASED ON SITE RELATED FINISHED GRADE. IF NECESSARY, FOOTING STEPS ARE TO BE A MAXIMUM OF (3) VERTICALLY TO (1) HORIZONTALLY.
- D. ALL SLABS SHALL HAVE REINFORCING PER PLANS & CONTROL JOINTS @ 10'-0" SPACING MAX.
- E. ALL STRUCTURAL FILL BELOW FOOTINGS SHALL EXTEND OUT PAST FOOTINGS AT A SLOPE OF 1 HORIZONTAL TO 2 VERTICAL TO COMPENSATE SOILS.
- F. PROVIDE ADEQUATE DRAINAGE BEHIND ALL WALLS TO ALLEViate ANY STANDING WATER.
- G. ALL CONCRETE PAD & APRON LOCATIONS TO BE SECURED TO FOUNDATION WITH #4 DOWELS @ 24" O.C. EXTEND EXPOSED SIDES A MINIMUM OF 24" BELOW FINISHED GRADE.
- H. MINIMUM CONCRETE SLAB DEPTH IS 4".

- 3. CONCRETE:**
- A. THE MINIMUM COMPRESSIVE STRENGTHS FOR CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS (DESIGNED USING 2,000 PSI):
1. ALL FOOTINGS, FOUNDATIONS, AND STEM WALLS: $f'_c = 3,000$ PSI
2. SLABS ON GRADE: $f'_c = 3,500$ PSI
- B. MINIMUM CLEAR PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
1. PLACED DIRECTLY AGAINST EARTH: 3"
2. FORMED SURFACES: #5 BARS OR SMALLER: 1-1/2"
3. STRUCTURAL SLABS: 1"
- C. SAWN CONTROL & CONSTRUCTION JOINTS SHALL BE MADE AS SOON AS POSSIBLE WITHOUT DAMAGE TO THE SURFACE. FILING OF SAW JOINTS WHERE REQUIRED SHALL BE TRIANGLED AS LONG AS POSSIBLE TO ALLOW MAXIMUM SHRINKAGE TO OCCUR IN SLABS.
- D. ALL INVERTED ANCHOR BOLTS SHALL BE #3 OR #307 STEEL W/ 7" MIN. EMBEDMENT. ANCHOR BOLTS TO BE WITHIN 1'-2" OF SLAB PLATE ENDS, WITH A MIN. OF TWO PER WALL AND NO MORE THAN 4" FROM CONCRETE WALL CORNERS. REFER TO LOG MANUFACTURED SPECIFIC BOLT PLAN FOR LOG WALL ANCHORS. DO NOT POUR FOUNDATION WITH OUT LOG MANUFACTURED BOLT PLAN.
- E. WET SETTING OF REINFORCING BARS IN FOOTINGS AND WALLS IS NOT ALLOWED.
- F. BLOCK-OUT ALL STEM WALLS @ ENTRIES AS REQUIRED.
- G. CONCRETE FORM WORK TO BE OF ADEQUATE STRENGTH AND BRACED TO PREVENT DEFORMATION.
- H. PROTECT ALL CONCRETE FROM FREEZING.
- I. ALL LOWER LEVEL AND RETAINING WALLS WHICH HAVE FILL HIGHER THAN AN INTERIOR FLOOR LEVEL SHALL HAVE AN APPROVED WATERPROOFING MEMBRANE APPLIED.
- J. PROVIDE ADEQUATE TEMPORARY BRACING OF CONCRETE AND/OR CMU RETAINING WALLS DURING BACKFILL PRIOR TO INSTALLATION OF MAIN FLOOR FRAMING AND BASEMENT CONCRETE SLAB ON GRADE. WALL DESIGN ARE BASED ON TOP OF WALL RESTRAINED BY FINISHED FLOOR SYSTEM AND RESISTING SLIDING BY HAVING BASEMENT CONCRETE SLAB ON GRADE FLOOR NOT ALLED.
- K. IT IS RECOMMENDED THAT ALL GRADING, EXCAVATION, AND INSTALLATION OF FOUNDATIONS BE PERFORMED UNDER THE INSPECTION AND TESTING OF A QUALIFIED GEOTECHNICAL CONSULTANT DURING THE CRITICAL STAGES OF CONSTRUCTION.
- L. STAIN & TEXTURE OF EXPOSED CONCRETE SURFACES PER OWNER'S DIRECTION.

4. REINFORCING STEEL

- A. ASTM A615, GRADE 60. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60.
- B. MINIMUM LENGTH OF LAPPED SPICES SHALL BE 48 TIMES BAR DIAMETER UNLESS NOTED OTHERWISE. STAGGER SPICES IN WALLS SO THAT NO TWO ADJACENT BARS ARE SPICED IN THE SAME LOCATION.
- C. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, PY = 75,000 PSI.
- D. REINFORCING SHALL BE CONTINUOUS THROUGH ALL COLD JOINTS.
- E. PROVIDE CORNER BARS W/ 12" LEGS AT CORNERS AND INTERSECTING WALLS AND FOOTINGS. SIZE AND PLACEMENT TO MATCH HORIZONTAL REINFORCEMENT.
- F. PROVIDE #4 HORIZONTALS AT TOP OF WALL, CONT. IN FOOTINGS, AND ABOVE ALL OPENINGS. PROVIDE #4 VERTICALS AT 24" O.C. W/ STANDARD HOOK EXTENDING INTO FOOTING AT EACH SIDE OF WALL OPENINGS AND AT EACH END OF WALLS.
- G. PROVIDE #4 VERTICALS AT 24" O.C. W/ STANDARD HOOK EXTENDING INTO FOOTING AT EACH SIDE OF WALL OPENINGS AND AT EACH END OF WALLS.
- H. PROVIDE FOUNDATION HOLDDOWNS AT ALL SHEAR WALL LOCATIONS PER PLAN, IF APPLICABLE.

5. WOOD FRAMING:

- A. STRUCTURAL LUMBER SHALL BE DOUGLAS FIR LARCH (DF-L) #2 OR BETTER.
- B. WOOD INSTALLED WITHIN 1" OF CONCRETE OR MASONRY SHALL BE REDWOOD OR PRESSURE TREATED.
- C. PROVIDE WET USE ADHESIVES.
- D. MAXIMUM LUMBER MOISTURE CONTENTS SHALL BE 15%.
- E. ALL FRAMING DETAILS SHALL BE IN ACCORDANCE WITH THE ADOPTED CODE.
- F. PROVIDE SOLID BLOCKING BELOW ALL BEARING WALLS AND POSTS. PROVIDE BLOCKING @ 24" O.C. @ JOISTS PARALLEL WITH BEARING WALLS ABOVE.
- G. MINIMUM HEADER AT BEARING WALL TO BE 4X8 WITH 4X6 BEARING STUD PLUS KING STUD EACH SIDE. HEADERS WITH LARGER LOADING WILL BE CALLED OUT IN PLANS.

- H. BLOCK AND NAIL ALL HORIZONTAL PANEL EDGES AT SHEAR WALLS.
1. ROOF SHEATHING: 1/2"X3" CDX MIN. (321 G) SPAN RATING 100 @ 2' 12" O.C. EDGE AND 12" O.C. FIELD U.N.O.
2. FLOOR SHEATHING: 3/4" CDX MIN. (40024) SPAN RATING 100 @ 4" O.C. EDGE AND 12" O.C. FIELD U.N.O.
3. EXTERIOR WALL SHEATHING: 1/2"X3" CDX MIN. (240) SPAN RATING ALL SPAN RATINGS TO MEET LOCAL CODES.
- I. ORIENTED STRAND BOARD (OSB) WITH THE SAME SPAN RATING MAY BE SUBSTITUTED.
- J. ALL EXTERIOR WALLS TO BE 2X6 @ 16" O.C. AND AT INTERIOR NON-LOAD BEARING PARTITIONS TO BE 2X4 @ 16" O.C. STUD WALLS (U.N.O.)
- K. 2X DIMENSIONAL STUDS ARE TO BE STANDARD (DF-L) #2 OR BETTER WESTERN WHITE WOODS (WWW)
- L. PROVIDE STEEL STRAPS AT PIPES IN STUD WALLS AS REQUIRED BY THE ADOPTED CODE.
- M. OVER FRAMING SHALL BE DONE SUCH THAT VERTICAL LOADS ARE TRANSFERRED TO MAIN STRUCTURE BELOW BY DIRECT BEARING AT SPACING NOT TO EXCEED 24" O.C.
- N. METAL HANGERS AND CONNECTIONS ARE "SIMPSON" AND SHALL BE INSTALLED PER "SIMPSON" RECOMMENDATIONS.
- O. ENGINEERED "I" JOISTS TO BE DESIGNED, CERTIFIED, ERECTED, INSTALLED, AND BRACED PER MANUFACTURER'S SPECS. ALL REFERENCES ON PLANS ARE FOR TRUS-JOIST, A MANUFACTURER BUSINESS PRODUCT. USE THESE PRODUCTS OR AN EQUIVALENT APPROVED MANUFACTURER.
- P. SHEATHING SHALL BE APA RATED EXPOSURE 1
- Q. STAGGER SHEATHING END JOINTS 4'-0"
- R. PROVIDE 1/4" SPACE AT ALL PANEL EDGES FOR EXPANSION.
- S. FRAME INTERIOR BEARING WALLS SHORT TO ACCOUNT FOR LOG SETTLING.
- T. FRAME INTERIOR POSTS SHORT TO ACCOUNT FOR LOG SETTLING. USE REMOVABLE SHIMS OR SETTLING JACK AS NECESSARY.
- U. ALL WINDOW SIZES ARE NOMINAL. VERIFY ACTUAL LOG OPENINGS WITH LOG # WINDOW MANUFACTURERS.
- V. ALL WOOD COLUMN (LVL)'S SHALL HAVE THE MINIMUM SECTION PROPERTIES OF FB = 2900 PSI, FV = 265 PSI, E = 2,000,000 PSI.
- W. ALL ROOF OPENINGS GREATER THAN 12X12" SHALL BE FRAMED IN OPENINGS.
- X. GLUE LAM BEAMS SHALL BE DOUGLAS FIR COMBINATION 24P-V4 FOR SIMPLY SUPPORTED AND 24P-V8 FOR CONTINUED BEAMS. FB = 2400 PSI, FV = 165 PSI, E = 1,600,000 PSI. PROVIDE WET USE GLUE ON ALL EXTERIOR LOCATIONS.

6. STRUCTURAL STEEL

- A. BOLTS AND LAGS SHALL CONFORM TO ASTM A36 (U.N.O.)
- B. STEEL TUBES TO CONFORM TO ASTM500, GRADE B (PY = 40ksi)
- C. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING AGAINST WOOD.
- D. ALL WORK SHALL BE IN ACCORDANCE WITH THE 9TH EDITION, OR 1ST EDITION LRFD MANUAL OF AISC, SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- E. ALL WELDING SHALL BE PERFORMED PER AWS D1.1 WITH A MINIMUM WELD SIZE OF 3/16" AND WITH E70XX ELECTRODE.
- F. MACHINE BOLTS SHALL BE ASTM A325 (U.N.O.)
- G. PROVIDE LOCK WASHERS BETWEEN NUT AND CONNECTED STEEL.
- H. ALL STEEL, INCLUDING NUTS, BOLTS, AND WASHERS EXPOSED TO WEATHER, SHALL BE GALVANIZED.

7. PRE-MANUFACTURED METAL PLATED TRUSSES:

- A. PRE-MANUFACTURED TRUSS PROVIDER TO VERIFY ALL LOADING PATTERNS TO FOOTINGS BELOW.
- B. PRE-MANUFACTURED TRUSS PROVIDER TO PROVIDE SUPPORT @ TRUSSES FOR LOADING SHOWN ON ALL PLANS, SECTIONS AND DETAILS. VERIFY SECOND FLOOR LOADING AND SPECIAL CASE FORT LOADING FROM LOG AND FRAMED ROOF SYSTEMS.
- C. ALL PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED FOR THE ROOF LOADS SHOWN AND ACCOUNT FOR ANY REQUIRED ADDITIONAL DRIFT, VALLEY, OR DAVE LOAD PER CODE. TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD (E.O.R.) FOR REVIEW AND COMPLIANCE.

8. GENERAL STRUCTURAL NOTES:

- A. CONTRACTOR TO VERIFY ALL OPENINGS, BUILDING DIMENSIONS, COLUMN LOCATIONS AND DIMENSIONS WITH OWNER AND LOG MANUFACTURER PRIOR TO POURING OF ANY CONCRETE FOUNDATIONS OR CONSTRUCTION.
- B. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS UNLESS SUCH CHANGES ARE AUTHORIZED IN WRITING TO THE ENGINEER OF RECORD.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING AND/OR TEMPORARY STRUCTURAL STABILITY FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR FINAL CONFIGURATION.
- D. NOTCHING AND/OR CUTTING OF ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED, UNLESS PRIOR CONSENT IS GIVEN BY THE ENGINEER OF RECORD.



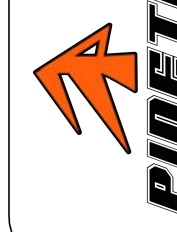
OFFICE 423 sq. ft.
STORAGE 11227 sq. ft.

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A6	ROOF LAYOUT - 1ST LEVEL
A7	ELEVATIONS
E1	ELECTRICAL LAYOUT



PROJECT NO.
25-025

PINETOP 12 BAY STORAGE SHED #3
PINETOP VALLEY CO., ID



SHEET SIZE
ARCH E (36' x 48')

INITIAL DATE: 4/15/2025
PRINT DATE: 10/10/2025

DRAWN BY:
Steve

SMC Design
208.249.1288
Nampa, ID

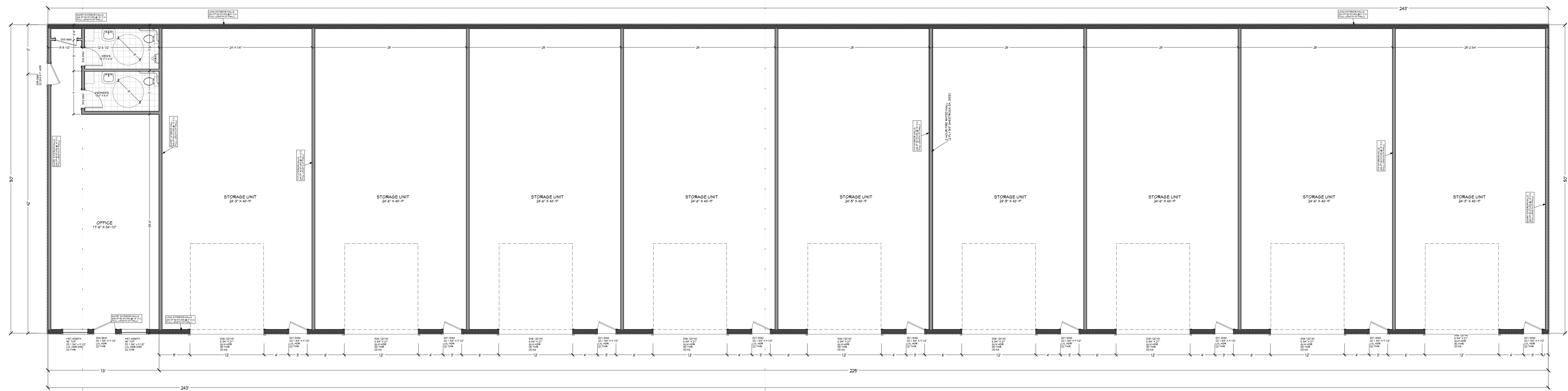
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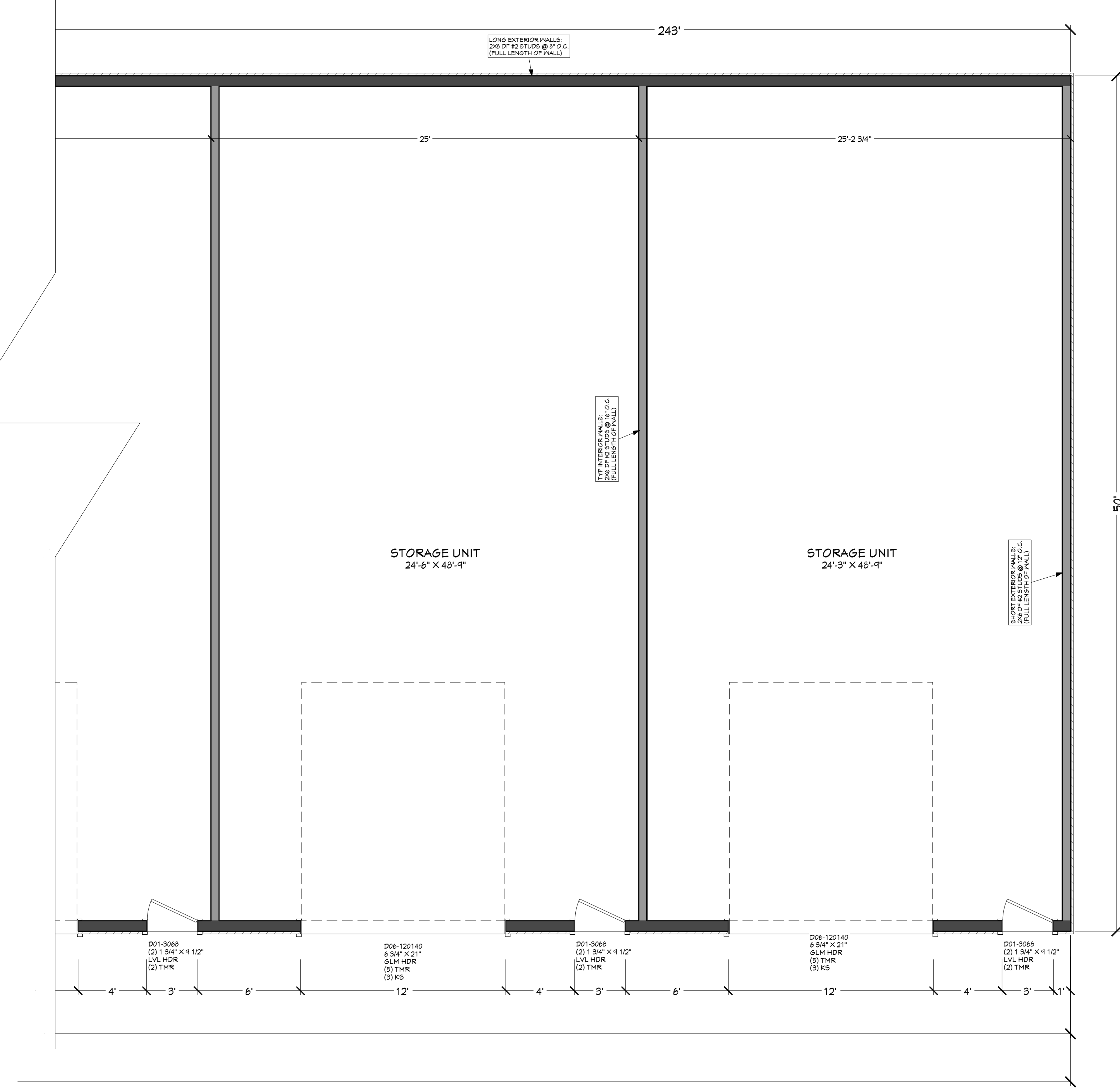
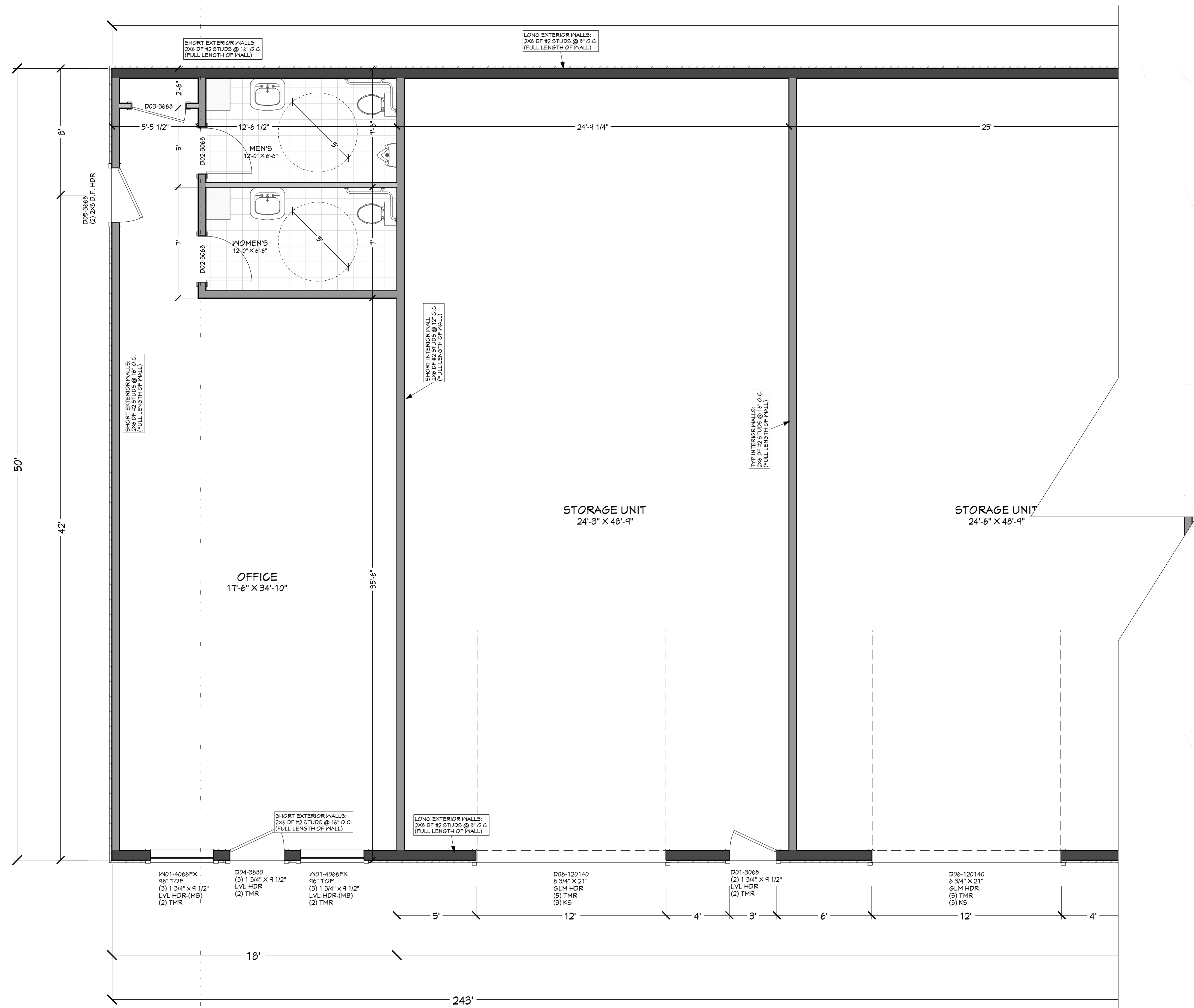
COVER SHEET



SCAN FOR
CURRENT PLAN

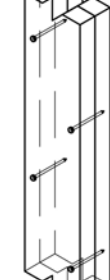
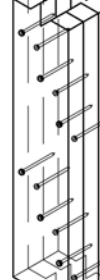
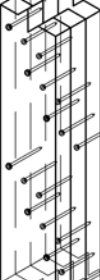


FLOOR PLAN - 1ST LEVEL
1/8" = 1' FT



OFFICE 423 sq. ft.
STORAGE 11227 sq. ft.

NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	DOOR SCHEDULE	DOOR TYPE	DOOR COMMENTS	DOOR #	DOOR NUMBER
D01	3		306.6 R. EX	36"	80"	HINGED				D01
D02	2		306.6 R. IN	36"	80"	HINGED				D02
D03	1		366.6 R. IN	48"	80"	HINGED				D03
D04	1		366.6 R. EX	48"	80"	HINGED				D04
D05	1		366.6 R. EX	48"	80"	HINGED				D05
D06	3		1201.40	144"	100"	GLASS				D06

MULTIPLE-MEMBER CONNECTIONS FOR WALL STUDS										
STUD SIZE	2-Ply (NAIL FROM ONE SIDE)			3-Ply (NAIL ONE SIDE, OFFSET NAILS BY 2" FROM THE PLY BELOW)			4-Ply (NAIL ONE SIDE, OFFSET NAILS BY 2" FROM THE PLY BELOW)			
										
	ROWS	FASTENER	SPACING	ROWS	FASTENER	SPACING	ROWS	FASTENER	SPACING	
	2x4	2	16d	12" O.C. STAGGERED	3	16d	12" O.C. STAGGERED	3	16d	12" O.C. STAGGERED
	2x6				3					
NOTES:										
- ALL 16d NAILS TO BE 0.131"x3"										

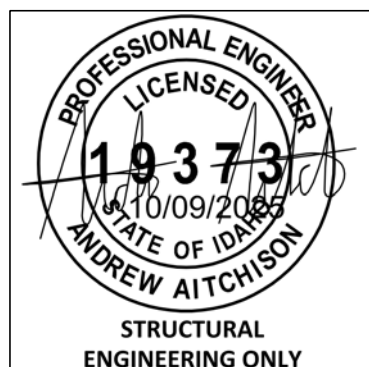
MULTIPLE PLY STUD CONNECTION DETAIL

SD1.1 SCALE: 3/4" = 1'-0"

MULTIPLE PLY STUD CONNECTION DETAIL
NTS

MAIN LEVEL NOTES:
ALL ANGLE 45° UNO
18" x 1 1/2" PLATE HEIGHT UNO
ALL PARTITION DIMENSIONS
ARE TO FACE OF STUD

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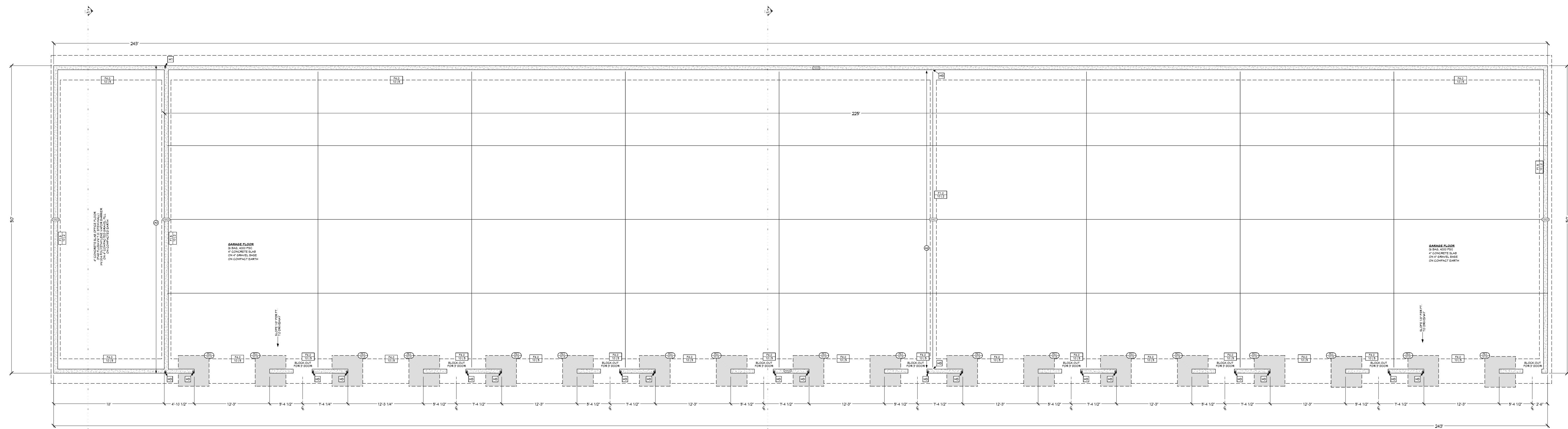
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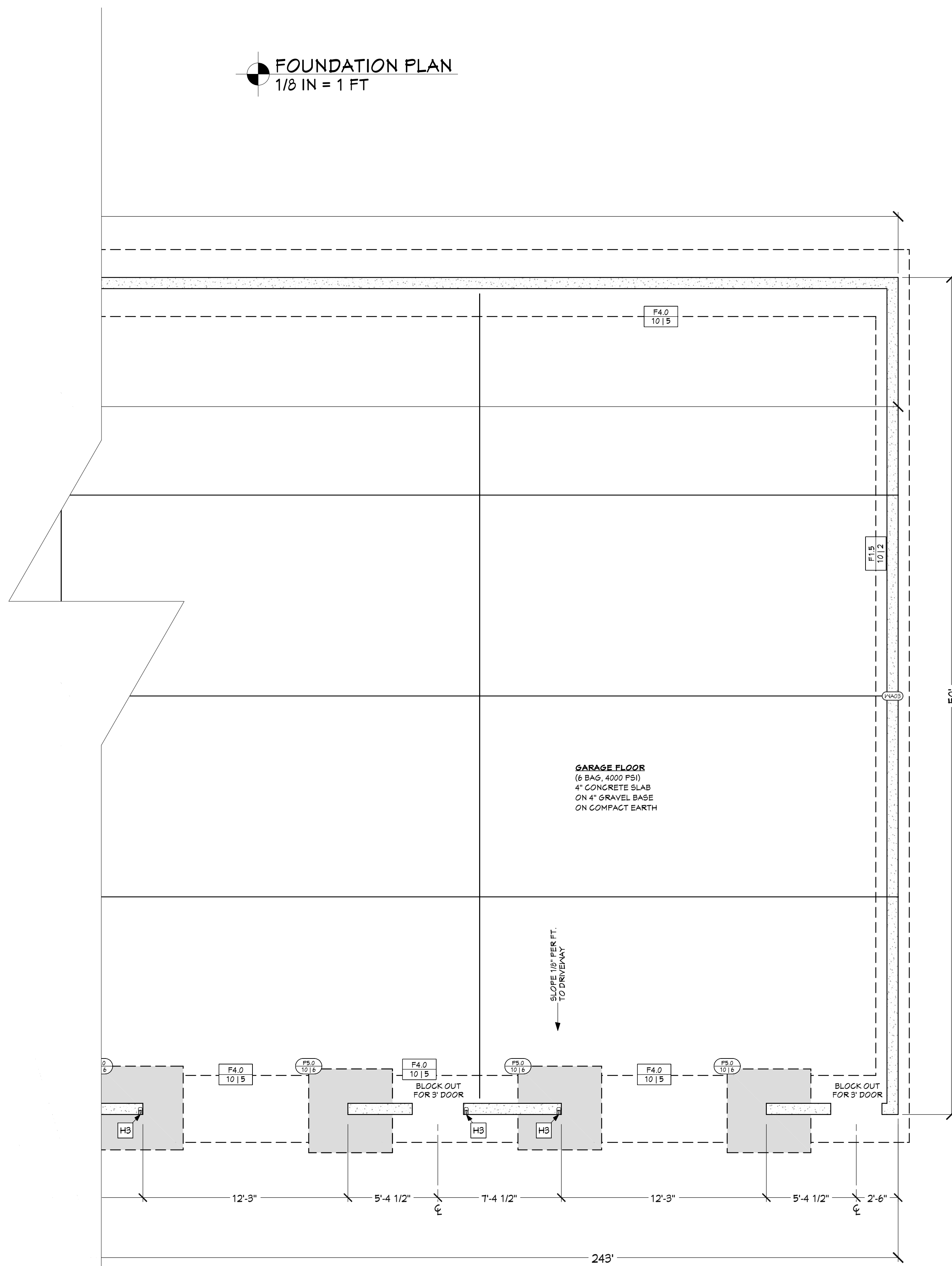
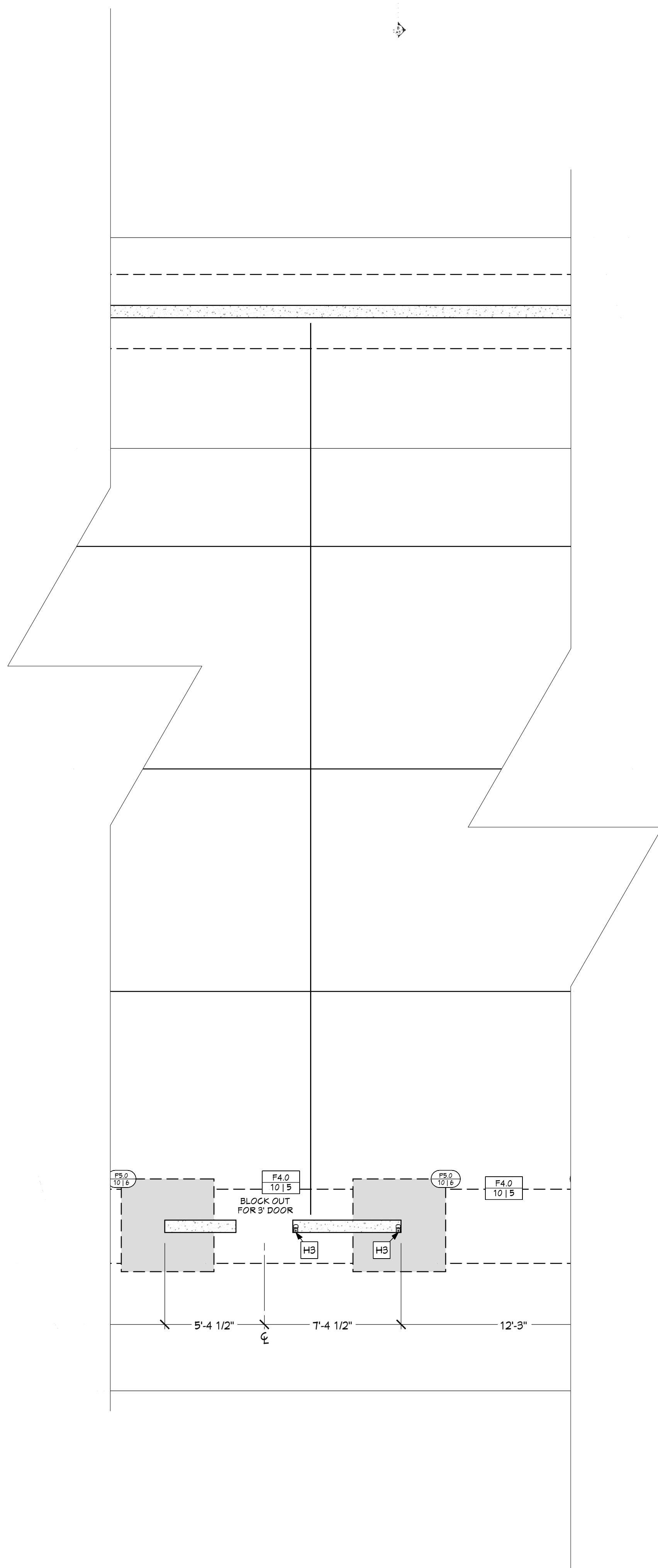
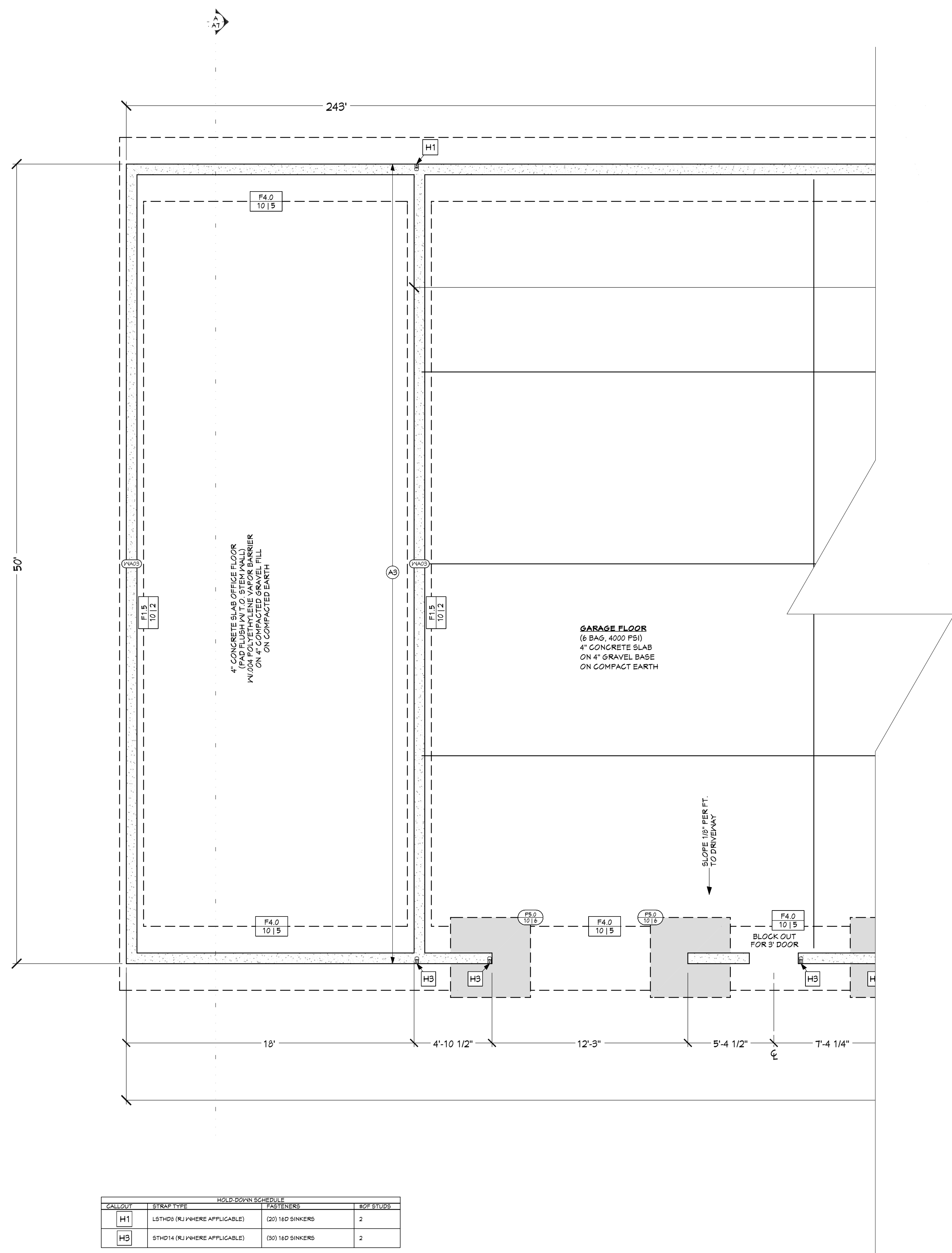
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SCAN FOR
CURRENT PLAN



FOUNDATION PLAN
1/8 IN = 1 FT



WALL SCHEDULE			
NUMBER	WALL TYPE	WALL THICKNESS	WALL FINISH
H1	18" DIA. (REINFORCEMENT APPLICABLE)	(3) 18" DIA. BARS	2
H2	18" DIA. (REINFORCEMENT APPLICABLE)	(3) 18" DIA. BARS	2

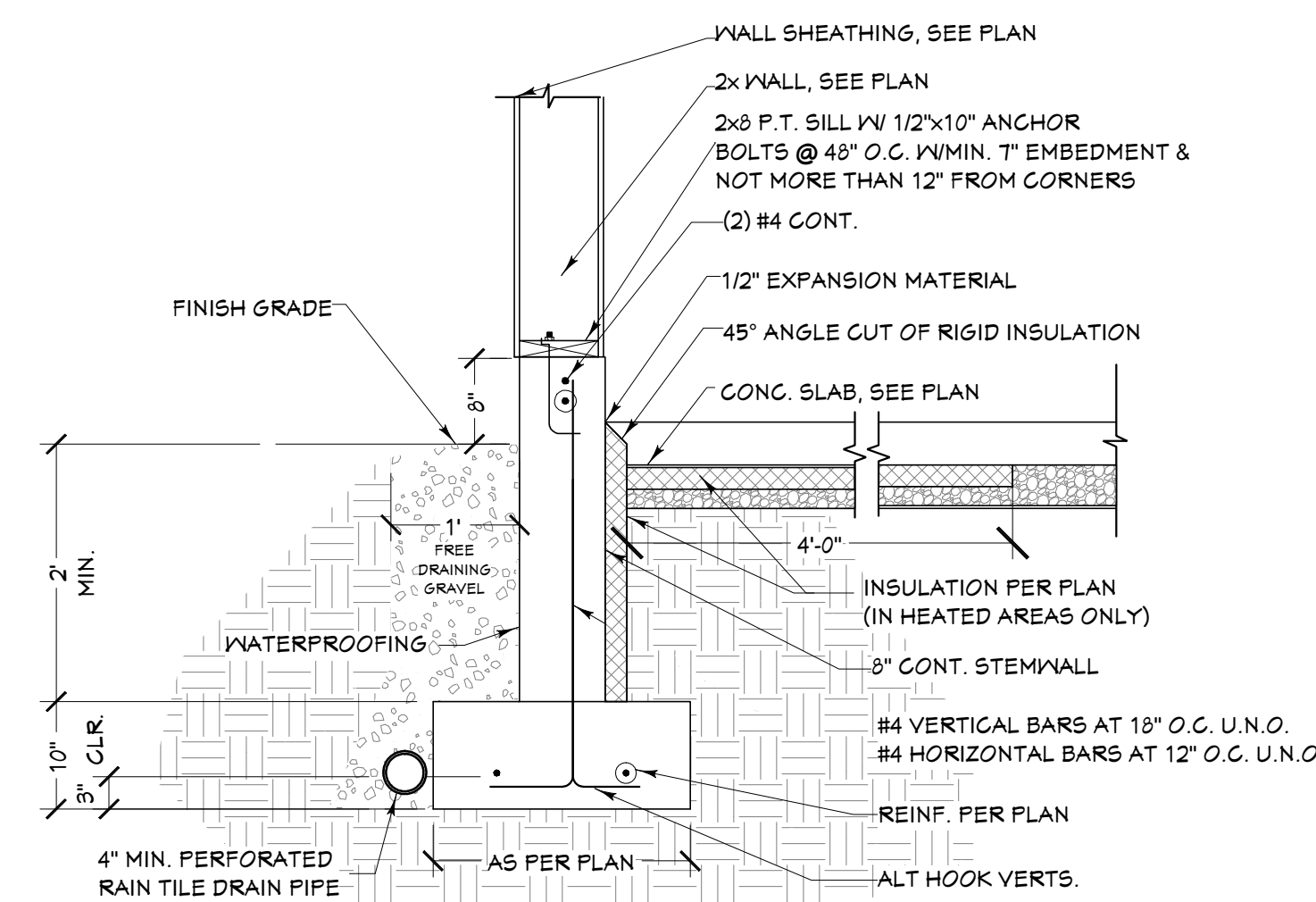
FOUNDATION CONCRETE (EST.)

FOOTING 84 Cu Yd
STEM WALLS 35 Cu Yd
CONCRETE SLAB 151 Cu Yd
TOTAL CONCRETE 270 Cu Yd

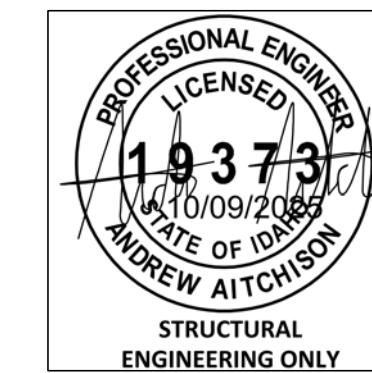
ANCHOR BOLT SCHEDULE	
CALLOUT	ANCHOR BOLT SCHEDULE
A1	18" DIA. ANCHOR BOLTS @ 3' O.C.
A2	18" DIA. ANCHOR BOLTS @ 3' O.C.

PAD FOOTING SCHEDULE	
CALLOUT	FOOTING SIZE
F1	60" X 60" X 10"
F2	60" X 60" X 10"

CONTINUOUS FOOTING SCHEDULE (ALL FOOTINGS 1' X 1' UNO)	
CALLOUT	FOOTING SIZE
F3	12" X 10"
F4	12" X 10"
F5	12" X 10"



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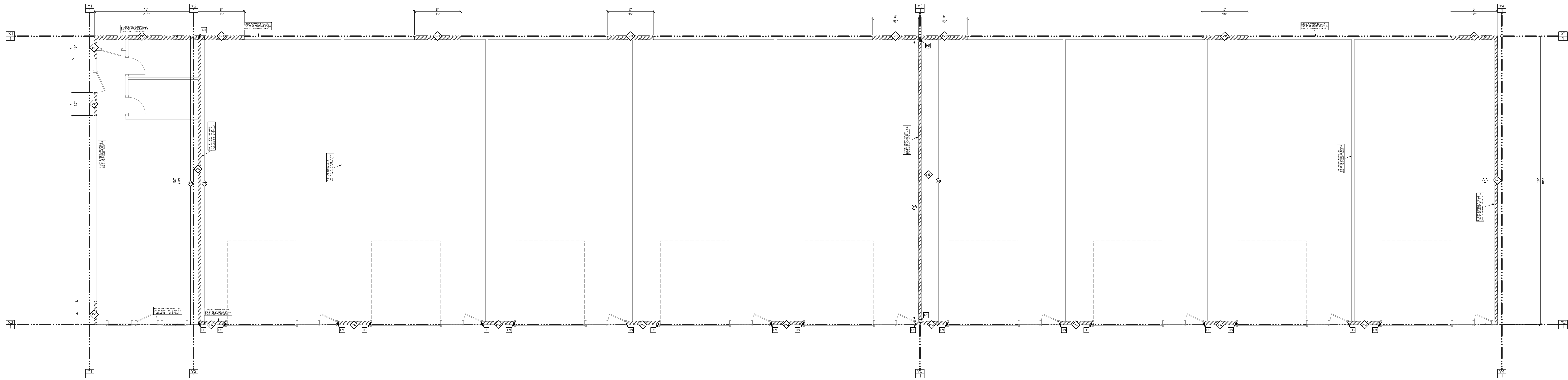
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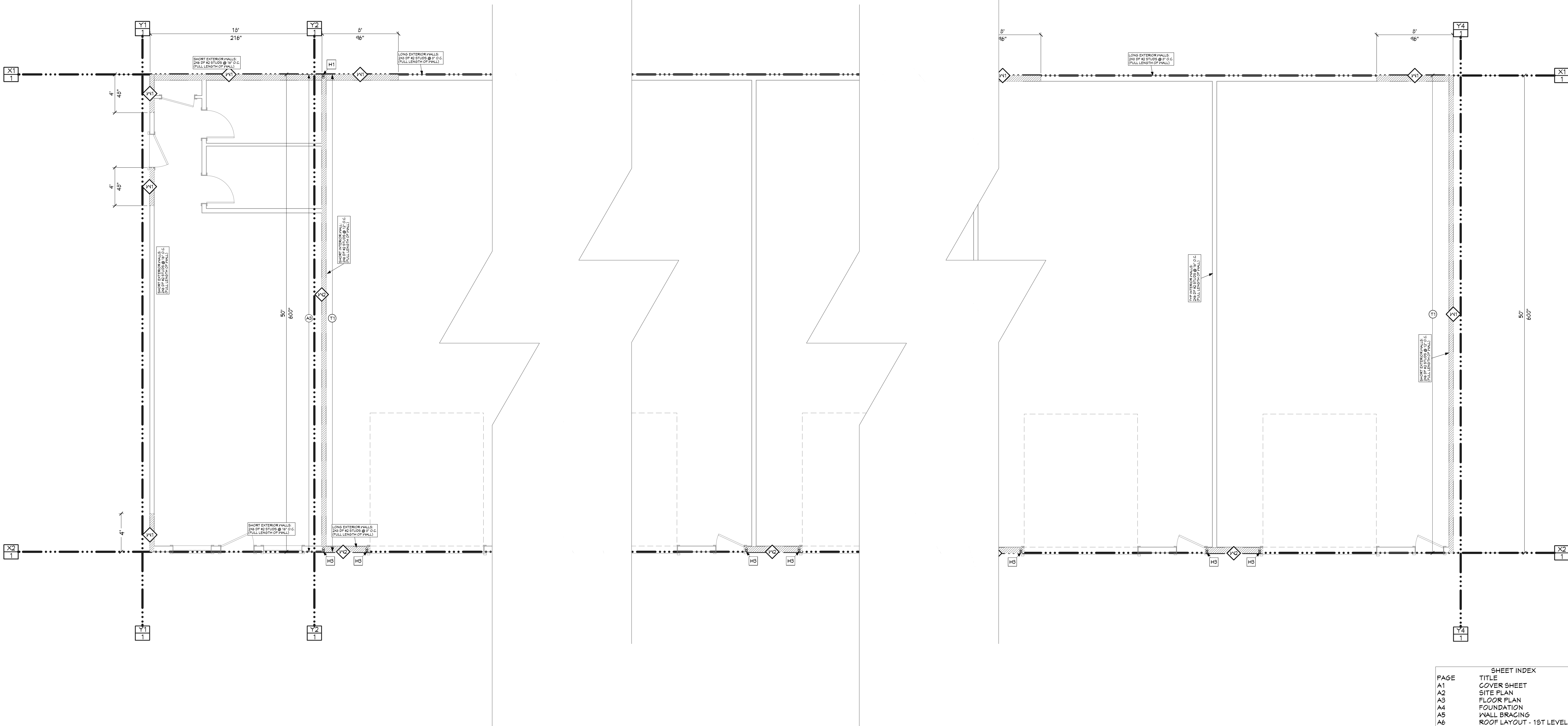
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SCAN FOR
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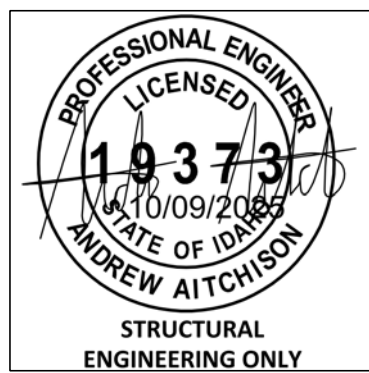
WALL BRACING PLAN - 1ST LEVEL
1/8 IN = 1 FT



ENGINEERED SHEAR WALL					
SPWF	SHEATHING	SIDES OF WALL	SHEET NAILING	SHEET STAPLING	NAILING UNO (BOTTOM PLT INTO RIM)
	TITE* APA RATED	1	SD @ 812 OR 166A X 1 1/2\"/>	YES	(2) 16D NAILS PER 16\"/>
	TITE* APA RATED	1	SD @ 412 OR 166A X 1 1/2\"/>	YES	(3) 16D NAILS PER 16\"/>
	TITE* APA RATED	1	SD @ 312	YES	(4) 16D NAILS PER 16\"/>

TABLE 1 - PRESCRIPTION		SHEATHING TRUSS OR RUDENY SYSTEM	
(1)	ATTACH CHALLENGER TRUSS OR RUDENY TO TOP PLATE	W/ 10D TRUSS @ 8\"/>	DO NOT NAIL SHEATHING ABOVE TO TRUSS
(2)	ATTACH CHALLENGER TRUSS OR RUDENY TO TOP PLATE	W/ 10D @ 2\"/>	DO NOT NAIL SHEATHING ABOVE TO TRUSS OR RUDENY

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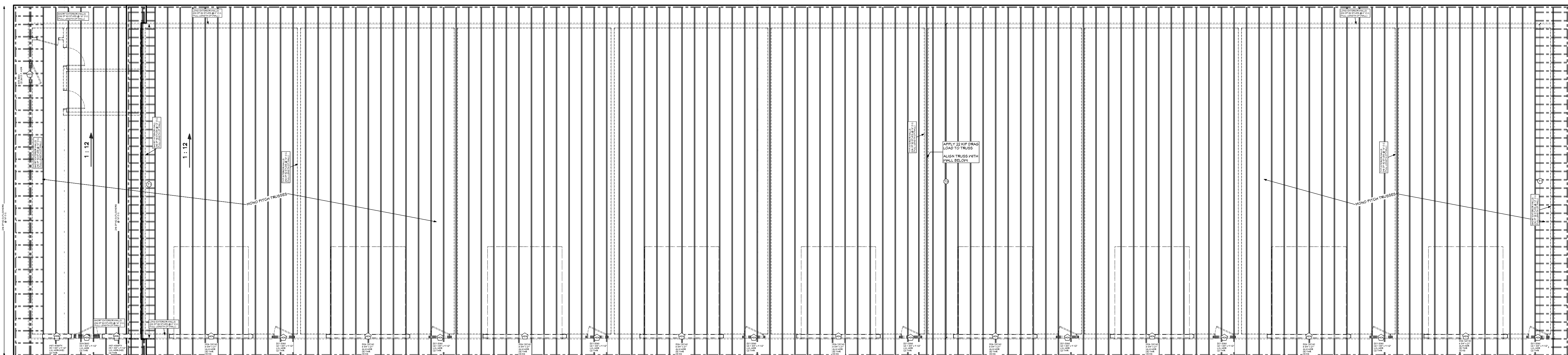
WALL BRACING

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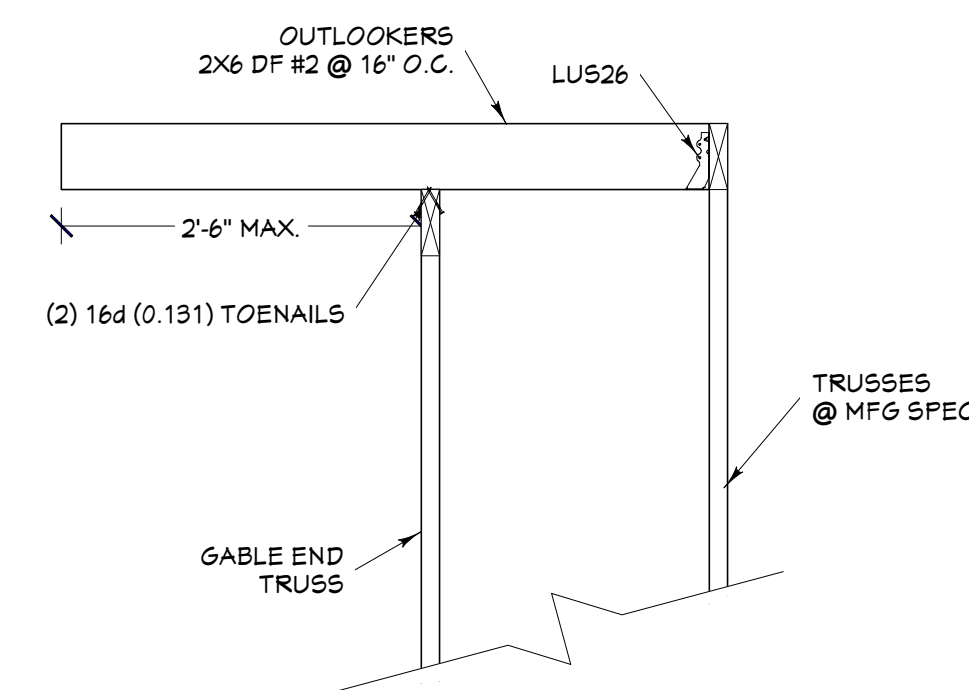
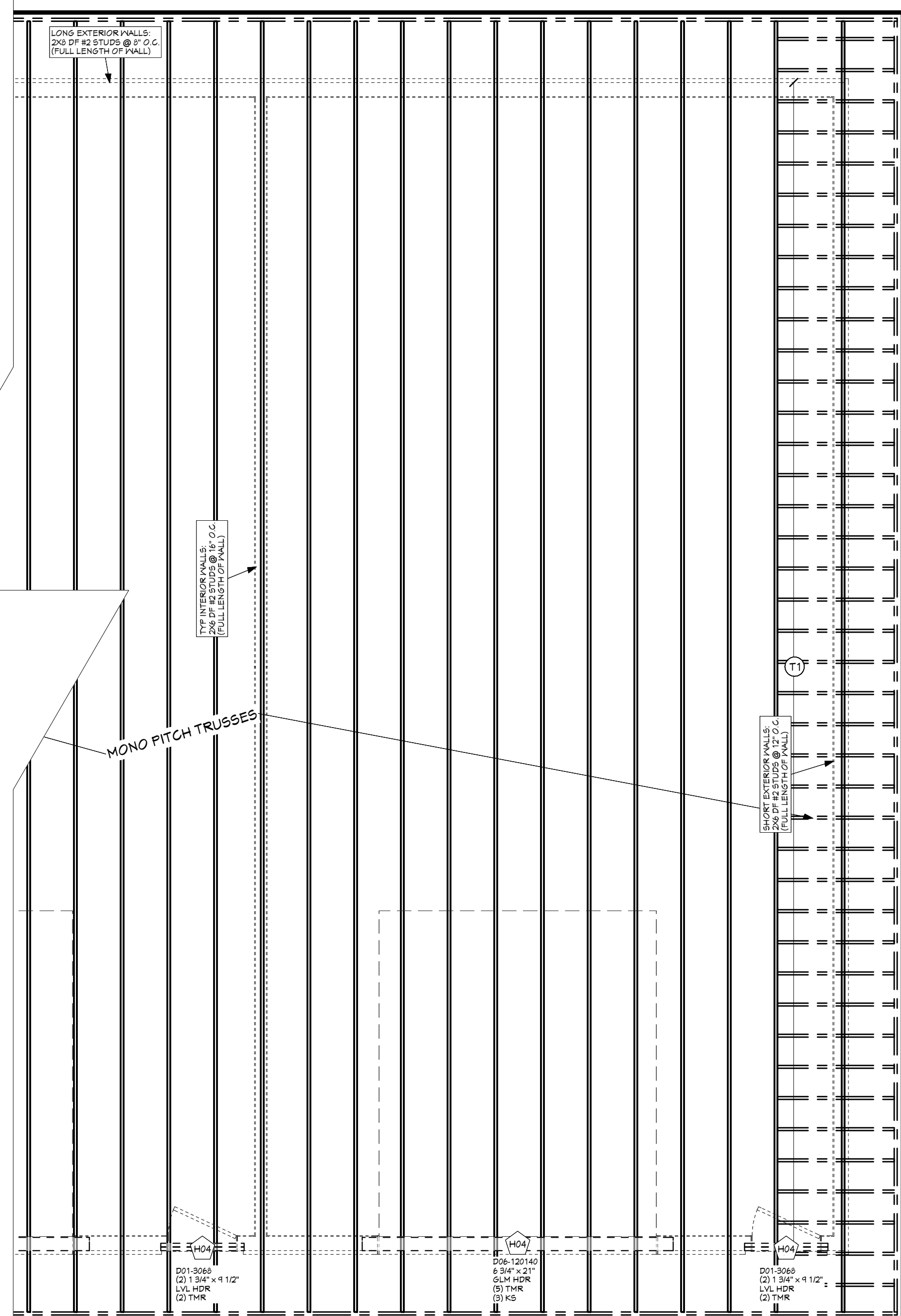
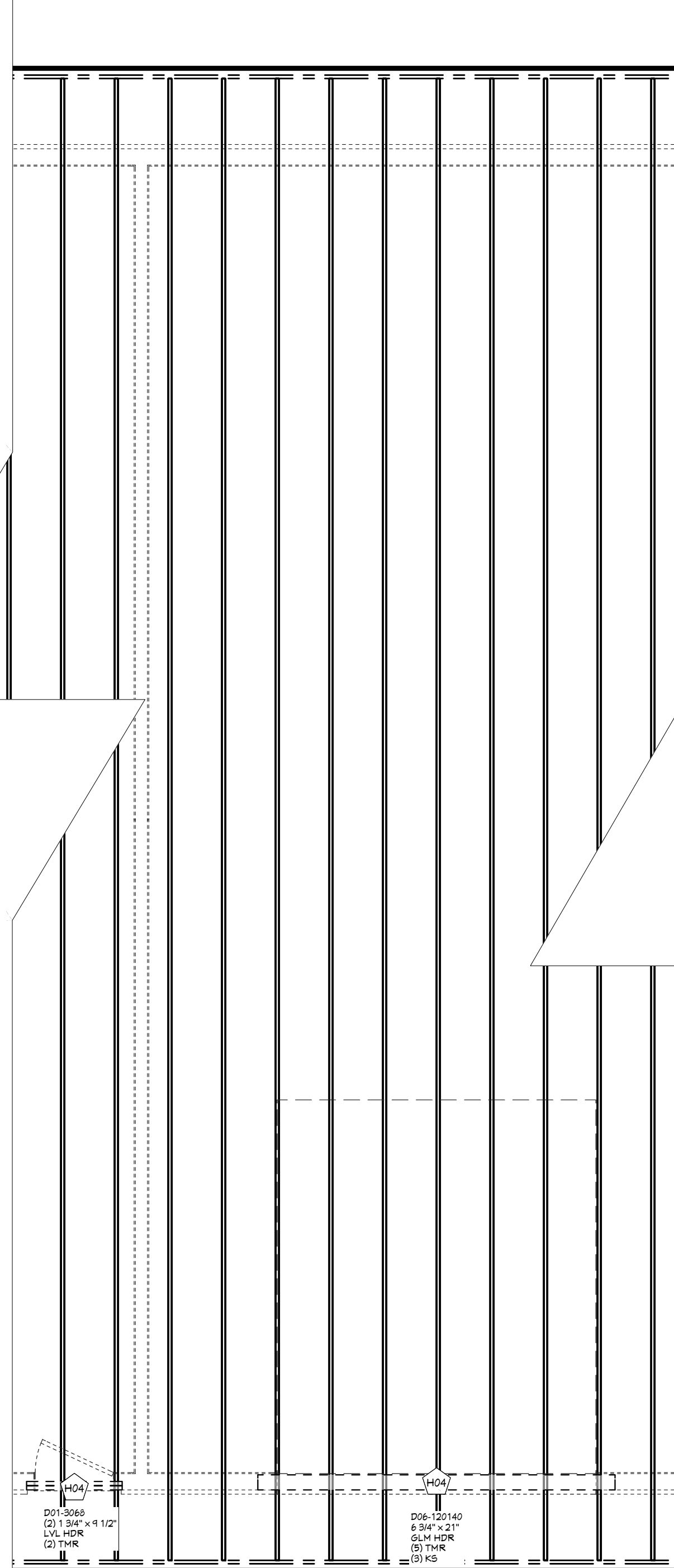
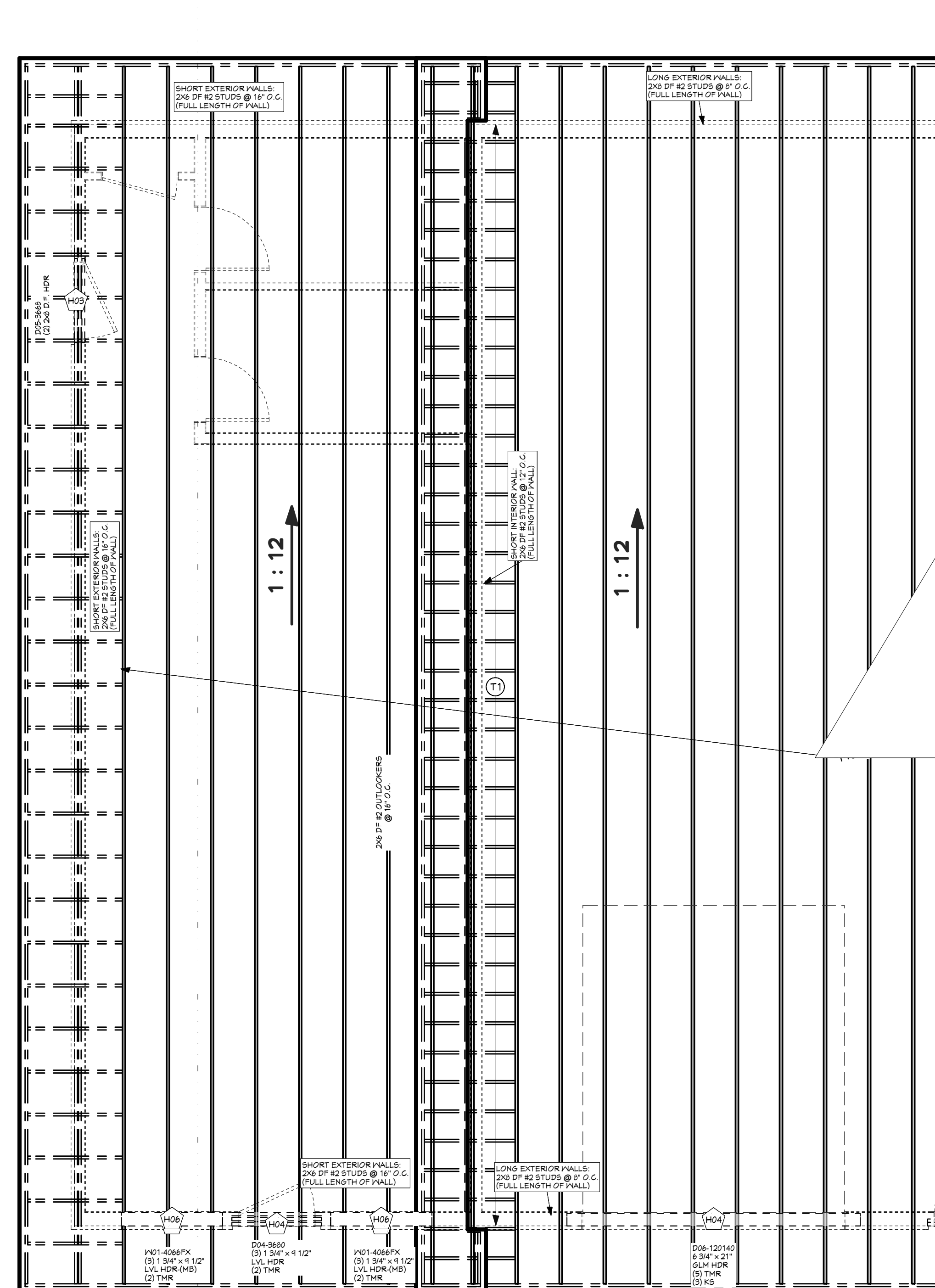
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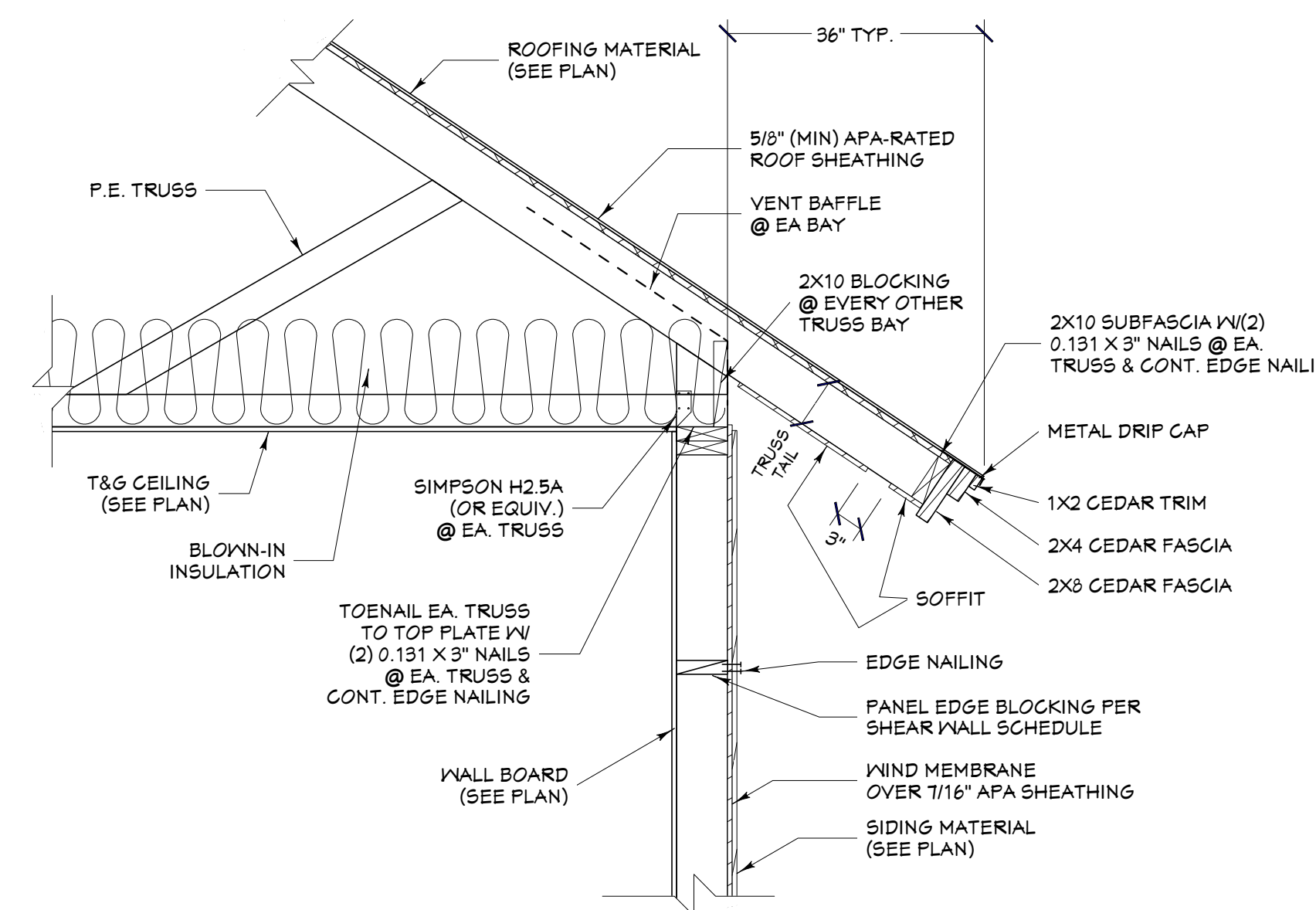
SCAN FOR
CURRENT PLAN



ROOF LAYOUT - 1ST LEVEL
1/8 IN = 1 FT



OUTLOOKER
3/4 IN = 1 FT



TYPICAL TRUSS BEARING DETAIL
3/4 IN = 1 FT

SYMBOL	DESCRIPTION	SHIELDING TRUSS OR MEMBER NOTES
(1)	ATTACH SHIELDING TRUSS OR RIB TO TOP PLATE	
(2)	ATTACH SHIELDING TRUSS OR RIB TO TOP PLATE	

ROOF FRAMING NOTES:
ALL EAVE OVERHANGS 36" UNO
ALL GABLE OVERHANGS 18" UNO

ROOF MATERIALS
OSB 443 Ea
GABLE FASCIA 113 Ea
EAVE FASCIA 513 Ea
DRAIN EDGE 623 Ea

PAGE	TITLE
A1	COVER SHEET
A2	SITE PLAN
A3	FLOOR PLAN
A4	FOUNDATION
A5	WALL BRACING
A6	ROOF LAYOUT - 1ST LEVEL
A7	ELEVATIONS
E1	ELECTRICAL LAYOUT

ROOF FRAMING- 1ST LEVEL - REAR

ROOF FRAMING- 1ST LEVEL - FRONT



PROJECT NO.
25-025

PINETOP 12 BAY STORAGE SHED #3
PINETOP VALLEY CO., ID

SHEET SIZE
ARCH E (36' x 48')

INITIAL DATE: 9/15/2025
PRINT DATE: 10/10/2025

DRAWN BY: Steve

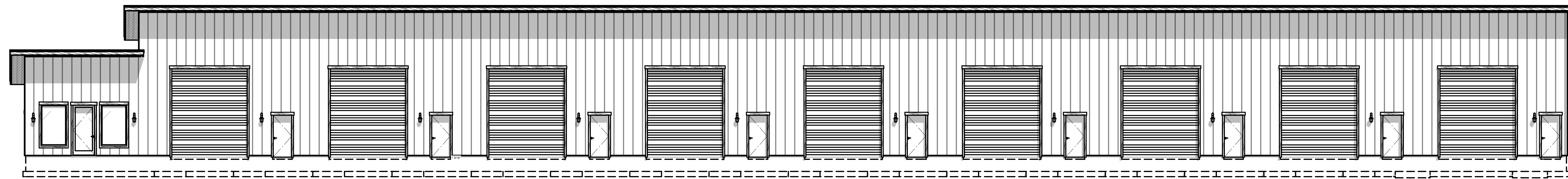
ROOF LAYOUT - 1ST LEVEL

SMC Design
208.249.1288
Nampa, ID

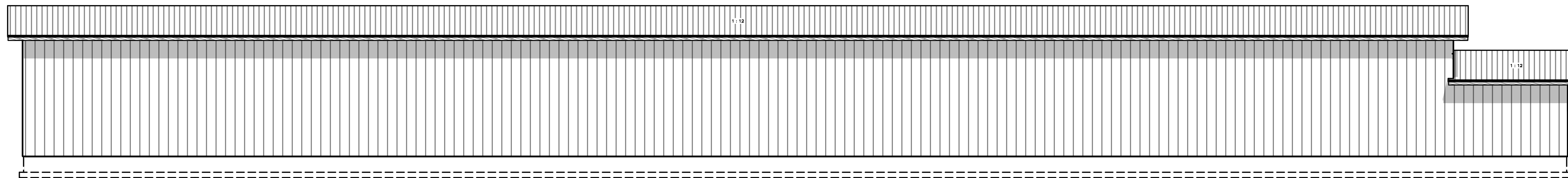
SHEET NUMBER
A6
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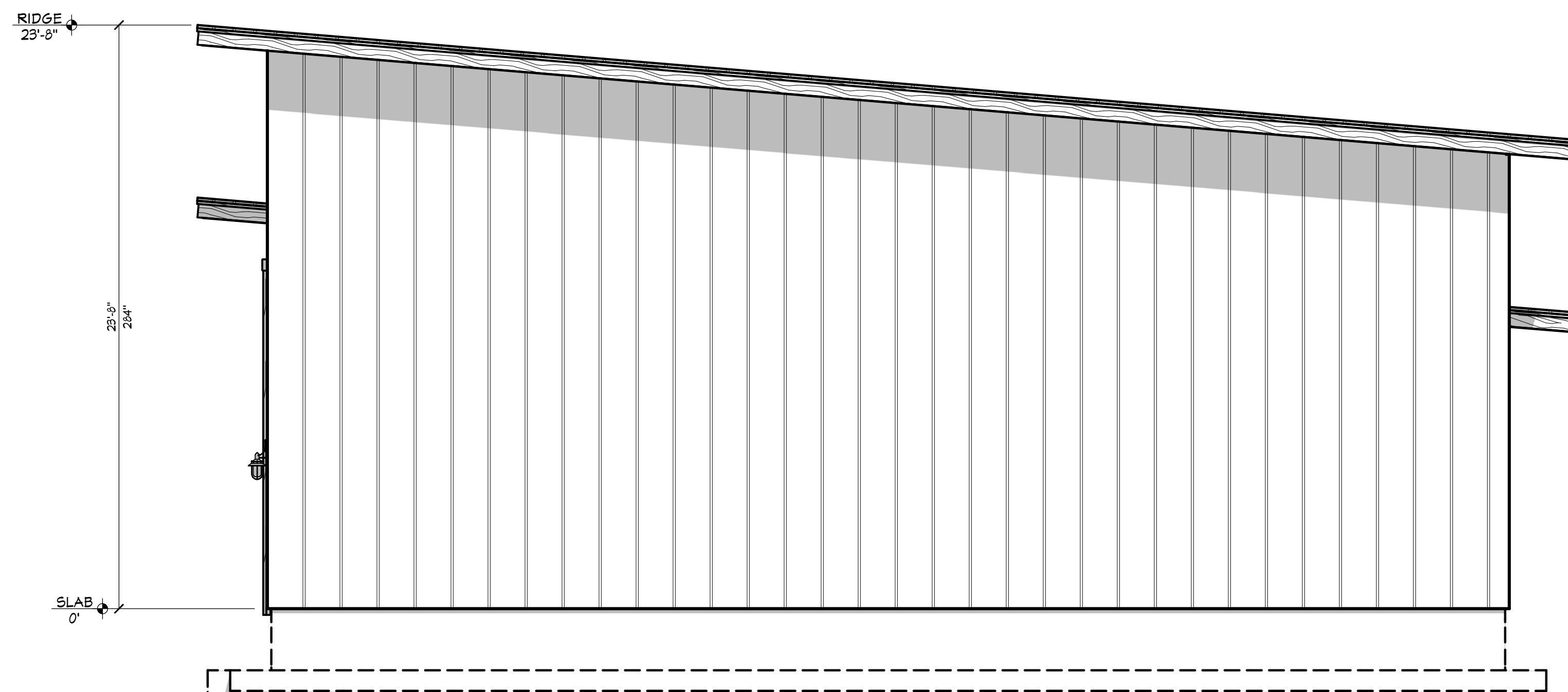
SCAN FOR
CURRENT PLAN



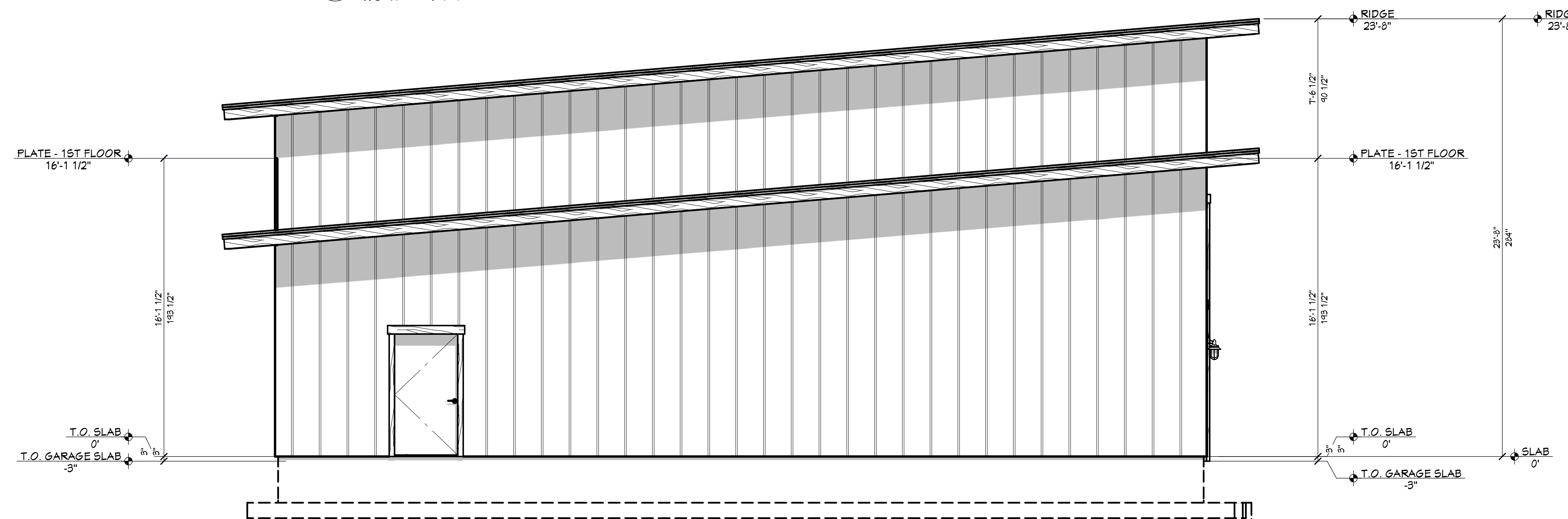
FT FRONT ELEVATION
1/8 IN = 1 FT



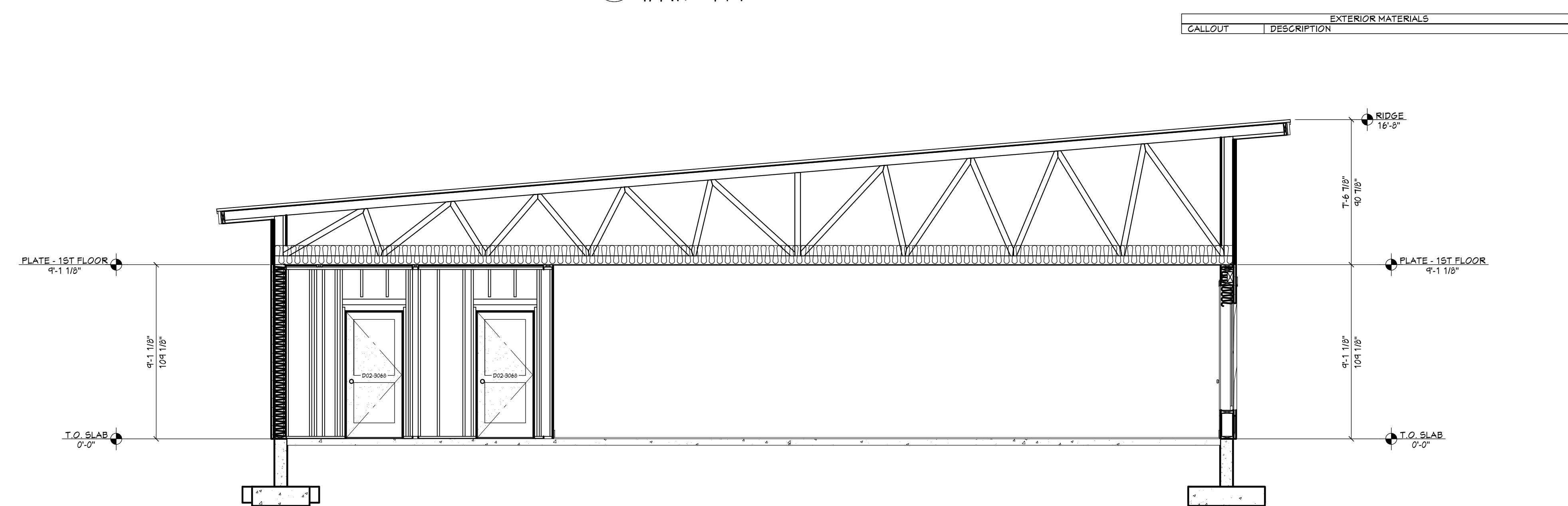
RE REAR ELEVATION
1/8 IN = 1 FT



RT RIGHT ELEVATION
1/4 IN = 1 FT

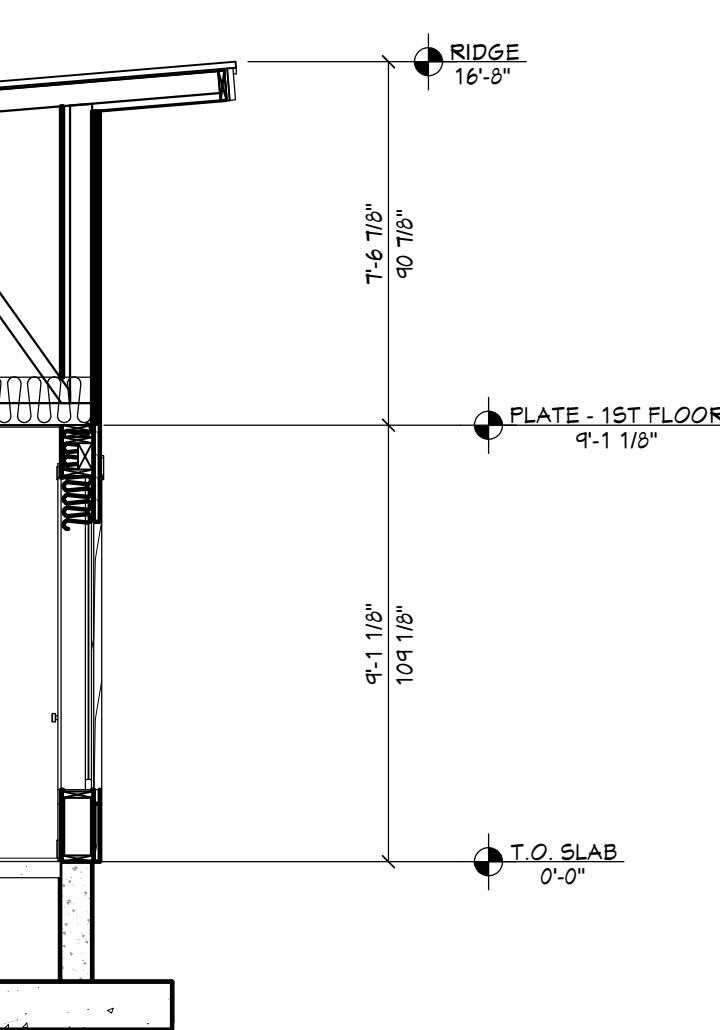


LT LEFT ELEVATION
1/4 IN = 1 FT

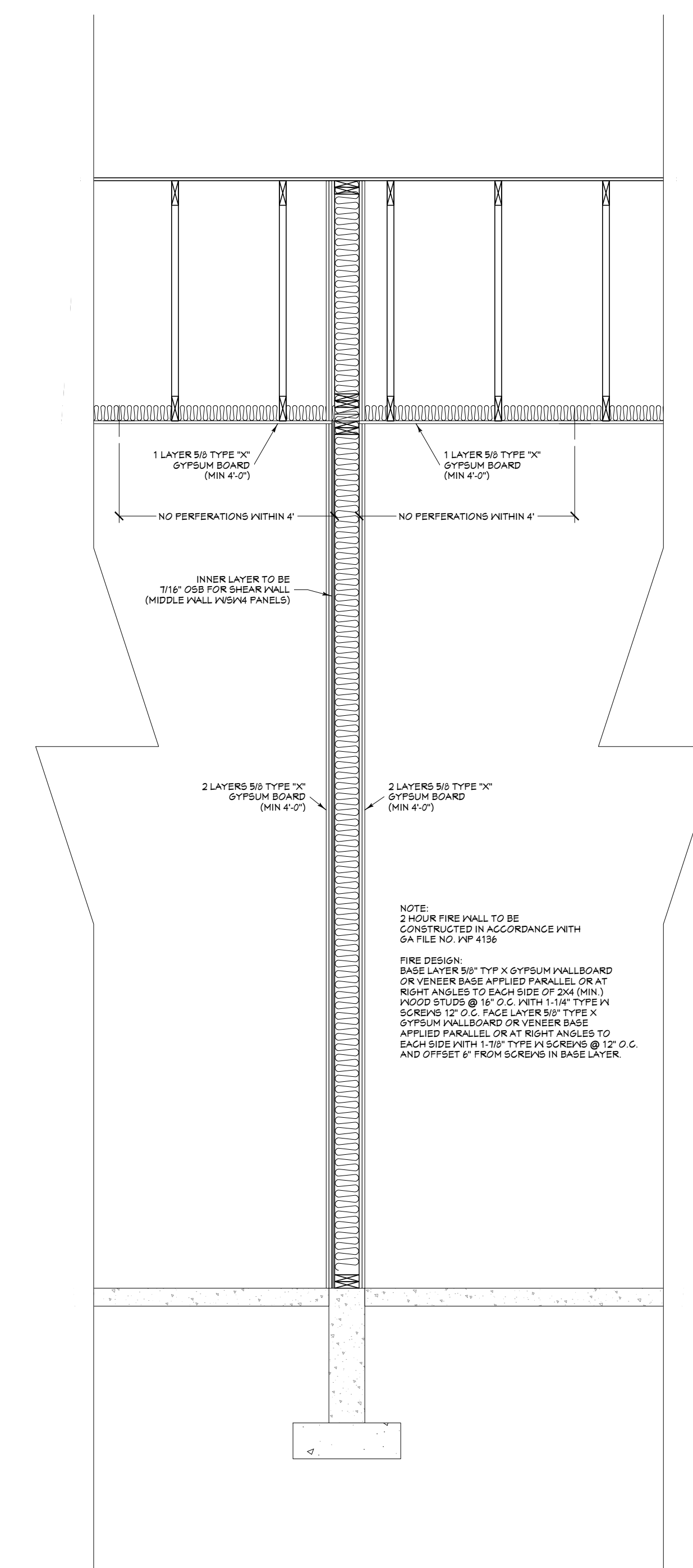


A VIEW A - A
1/4 IN = 1 FT

CALLOUT	DESCRIPTION	EXTERIOR MATERIALS
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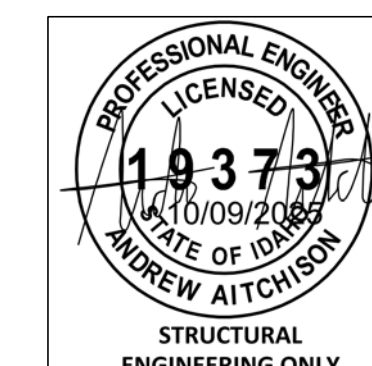


B VIEW B - B
1/4 IN = 1 FT



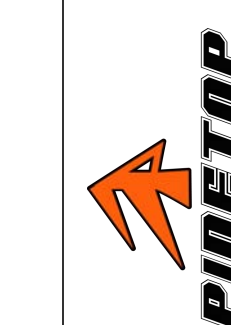
2-HOUR FIRE WALL
1/2 IN = 1 FT

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PINETOP 12 BAY STORAGE SHED #3



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SHEET SIZE
ARCH E (36" x 48")

INITIAL DATE: 4/15/2025
PRINT DATE: 10/10/2025

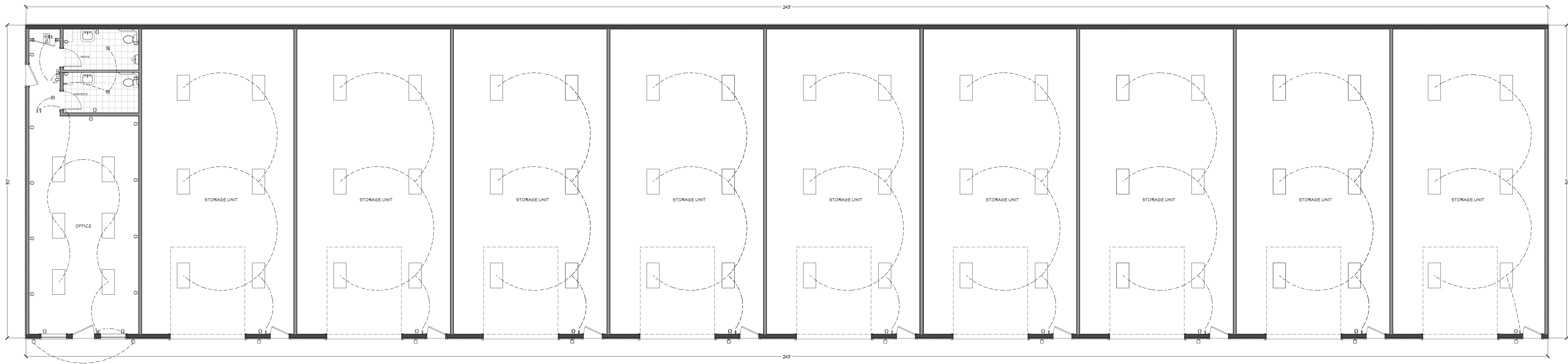
DRAWN BY:
Steve

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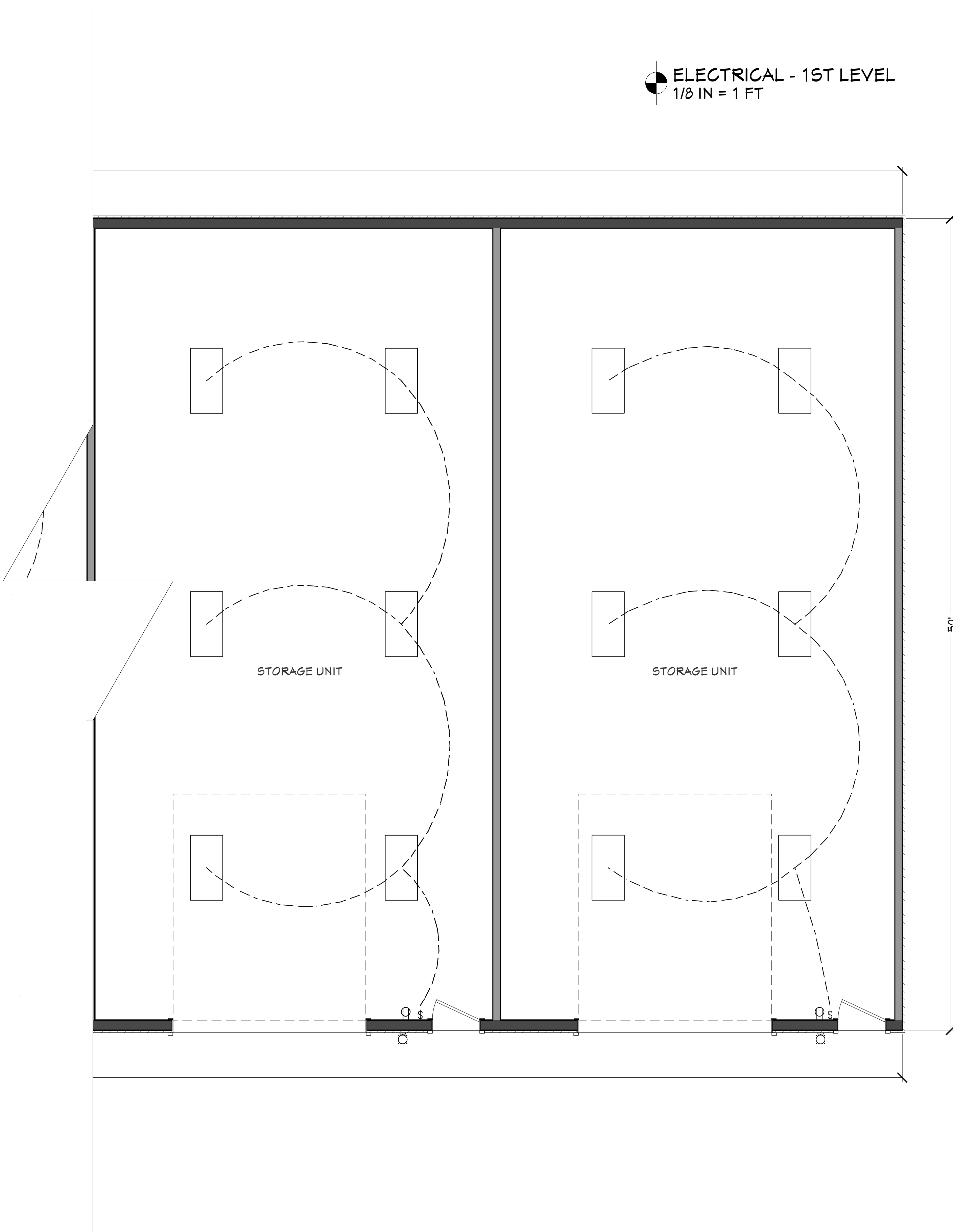
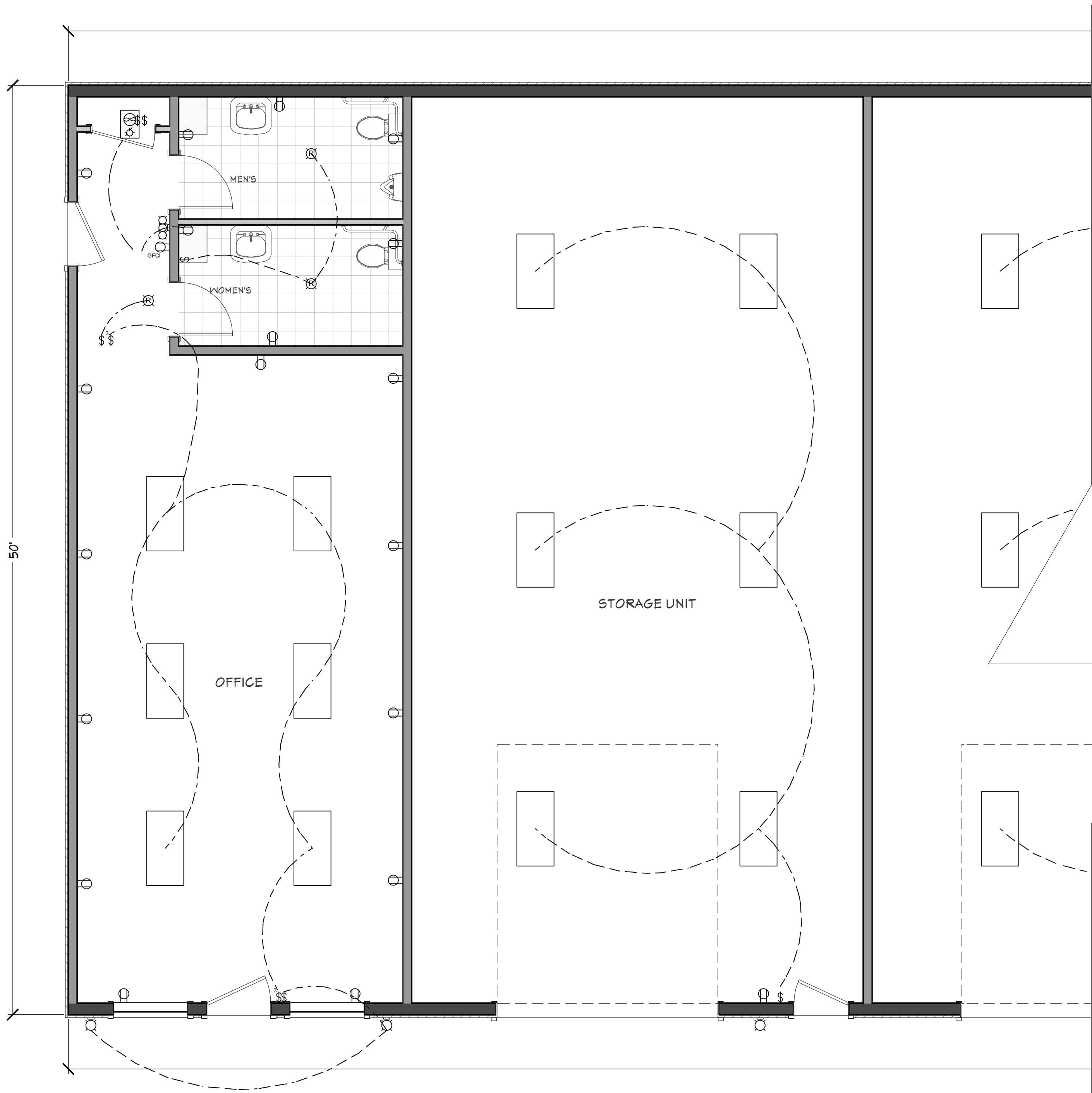
SHEET NUMBER
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SCAN FOR
CURRENT PLAN



ELECTRICAL - 1ST LEVEL
1/8 IN = 1 FT



ELECTRICAL SCHEDULE			
NUMBER	QTY	SYM	FLOOR DESCRIPTION
EO1	17	\$	DECORATOR SWITCH
EO2	14	□	CAGED LANTERN
EO3	75	□	MEDIUM DOUBLE SURFACE MOUNTED TUBE LIGHT (40W/2 D)
EO4	30	□	DECORATOR OUTLET
EO5	2	\$	DECORATOR SWITCH 3-WAY
EO6	3	Ⓜ	RECESSED DOWN LIGHT C
EO7	1	Ⓜ	DYNAUST (LIGHT)
EO8	1	Ⓜ	NARVIK SCENCE 3
EO9	1	Ⓜ	DECORATOR GFCI OUTLET

EXTERIOR LIGHTING NOTES:

- All exterior lighting shall use full cutoff luminaires with the light source downcast and fully shielded, with the following exceptions:
- (A) Luminaires with Maximum Output Of One Thousand Lumens. Luminaires that have a maximum output of one thousand (1,000) lumens per fixture, regardless of number of lamps (equal to one 60-watt incandescent light), the bulb is not visible, and the luminaire has an opaque top or is under an opaque structure. (See section 3.3.6.2, Figure 3 of this chapter.)
- (B) Floodlights. Floodlights with external shielding shall be angled; provided, that no light is directed above a twenty-five degree (25°) angle measured from the vertical line from the center of the light extended to the ground, and only if the luminaire does not cause glare or light to shine on adjacent property or public rights of way (see section 3.3.6.2, Figure 6 of this chapter). Photocells with timers that allow a floodlight to go on at dusk and off by eleven o'clock (11:00) P.M. are encouraged.
- (C) Residential Holiday Lighting. Residential holiday lighting from November 1 to February 1. Flashing holiday lights on residential properties are discouraged. Holiday lights are encouraged to be turned off by eleven o'clock (11:00) P.M.
- (D) Commercial Holiday Lighting. Commercial holiday lighting from November 1 to March 15. Holiday lights are encouraged to be controlled by timers.
- (E) Sensor Activated Luminaires. Sensor activated luminaires shall be permitted, provided:
1. It is located in such a manner as to prevent glare and lighting onto properties of others or into a public right of way.
 2. The luminaire is set to only go on when activated and to go off within five (5) minutes after activation has ceased.
 3. The luminaire shall not be triggered by activity off the property.
4. Full cutoff luminaires are used with the light source downcast and fully shielded.
- (F) Emergency Lighting. Vehicular lights and all temporary emergency lighting needed by the fire and police departments, or other emergency services.
- (G) Lighting For Flags. Lighting for flags, provided the flag is of a government and the maximum lumen output is one thousand three hundred (1,300) lumens. Flags are encouraged to be taken down at sunset to avoid the need for lighting.
- (H) Lighting Of Communication Towers. Lighting of radio, communication and navigation towers, provided the owner or occupant demonstrates that the federal aviation administration (FAA) regulations can only be met through the use of lighting that does not comply with this chapter.
- (I) Airport Lighting. Lighting at the McCall Municipal Airport, provided the owner or occupant demonstrates that the federal aviation administration (FAA) regulations can only be met through the use of lighting that does not comply with this chapter.
- (J) Neon Lights. Neon lights permitted pursuant to chapter 8, "Signs", of this title.
- (K) Luminaires Used For Playing Fields. Luminaires used for playing fields shall be exempt from the height restriction, provided all other provisions of this chapter are met and the light is used only while the field is in use. (Ord. 340, 2-11-2018)
- PLACEMENT AND HEIGHT:**
- Private Property. Free-standing luminaires on private property in residential zones shall be mounted at a height equal to or less than the sum of $H = (2D)^{0.5}$, where D is the distance in feet to the nearest property boundary, but shall not be higher than fifteen feet (15') from ground level to the top of the luminaire, whichever is less.
- Example:
- | | |
|-------------|-----------------------------|
| Post Height | Distance To Property Line |
| 15 feet | 36 feet (36'0" = 12 x 3+12) |
| 12 feet | 21 feet (21'0" = 4 x 3+12) |
| 8 feet | 15 feet (15'0" = 4 x 3+3) |
- All exterior lighting shall not cause light trespass and shall protect adjacent properties from glare and excessive lighting.

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ELECTRICAL LAYOUT