

A CUSTOM HANGER FOR:

Timothy & Lisa Bixler

PROJECT ADDRESS:

266 SW CHALLENGER LN
LAKE CITY, FLORIDA 32025
(COLUMBIA COUNTY)



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AREA SUMMARY

HANGER AREA	2,000	S.F.
2ND FLOOR STOR. AREA	366	S.F.
SHOP / STORAGE AREA	1,000	S.F.
TOTAL AREA	3,366	S.F.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	
October 25, 2024	
August 15, 2025	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

A PRIVATE AIRPLANE HANGER FOR:
Timothy & Lisa Bixler
PROJECT ADDRESS: 266 SW CHALLENGER LN, LAKE CITY, FLORIDA 32025

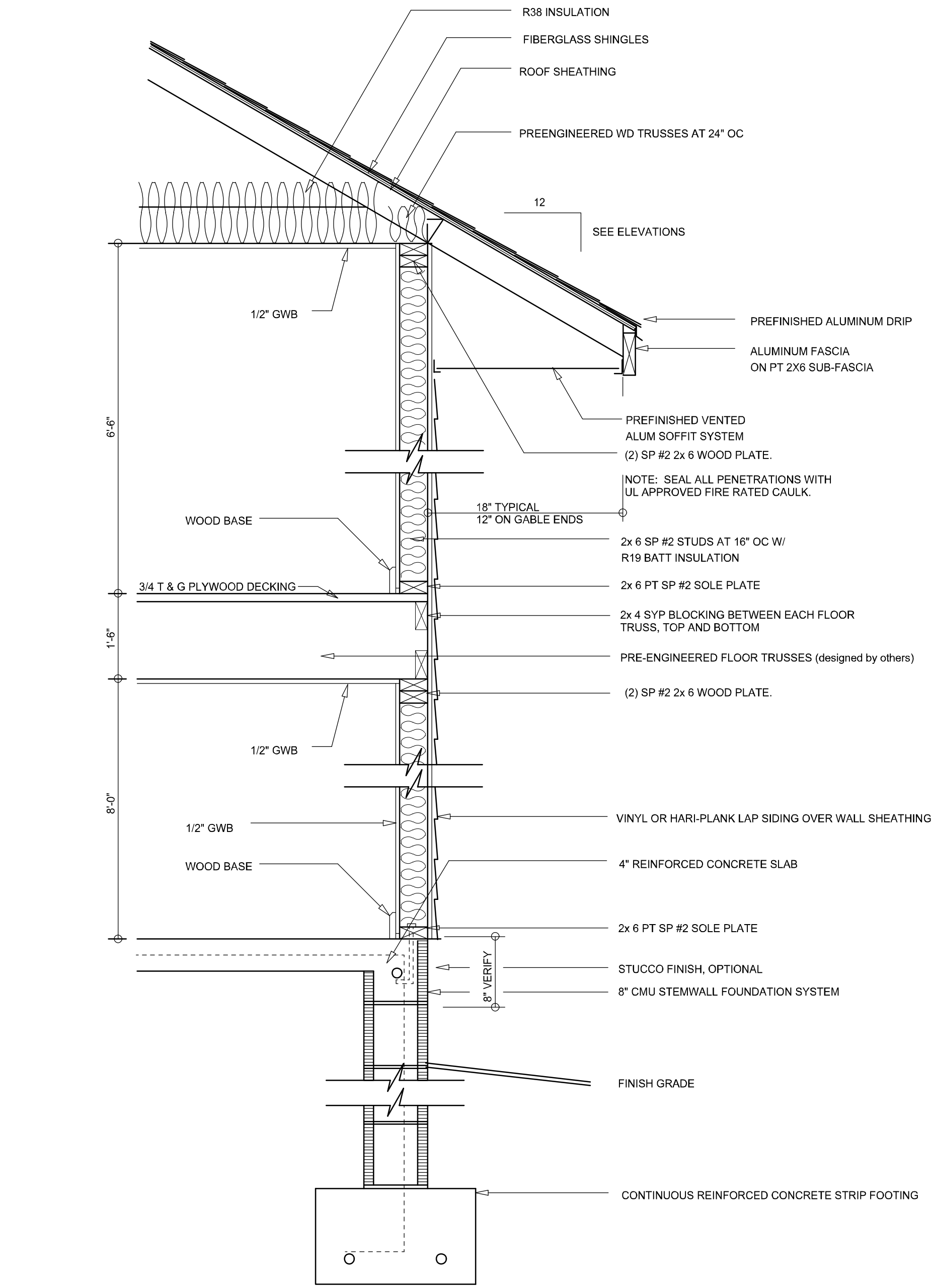
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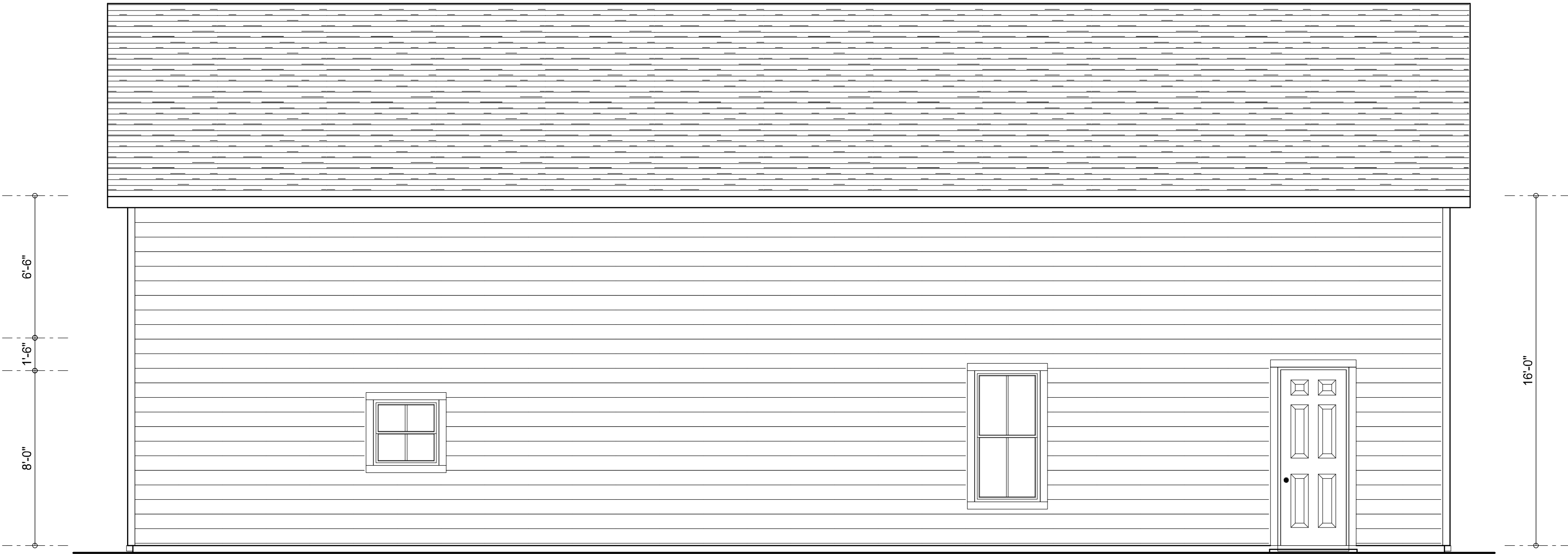
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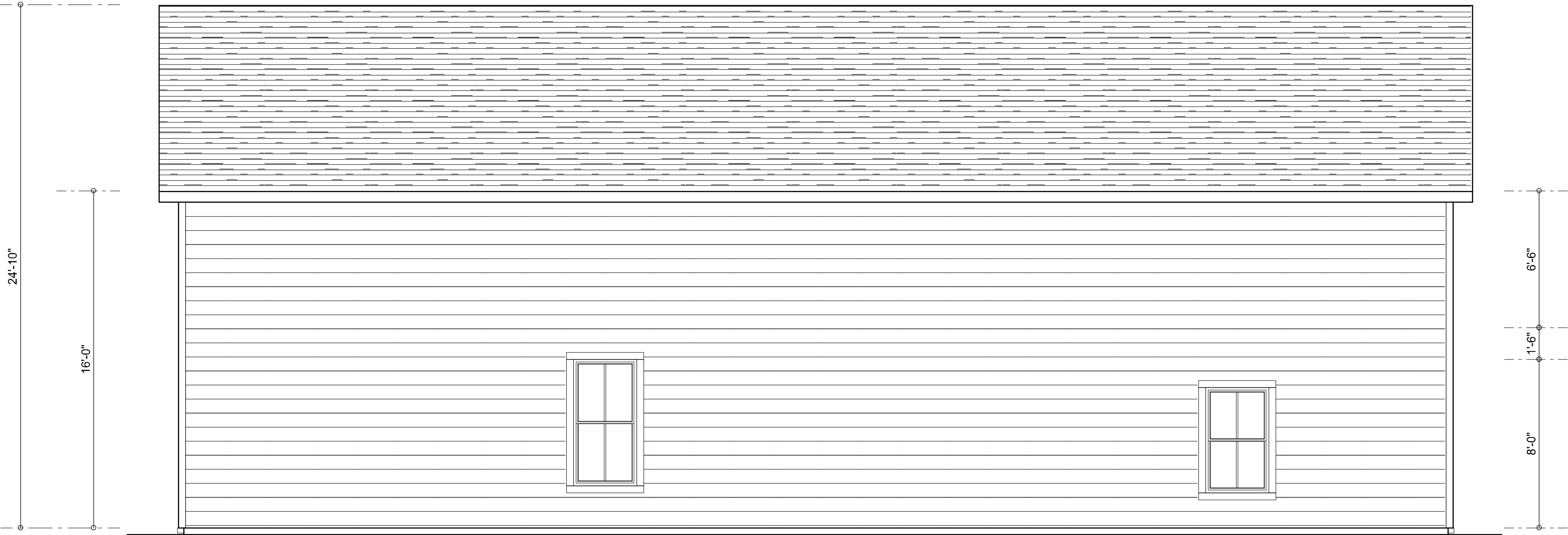
Will C. Myers



TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



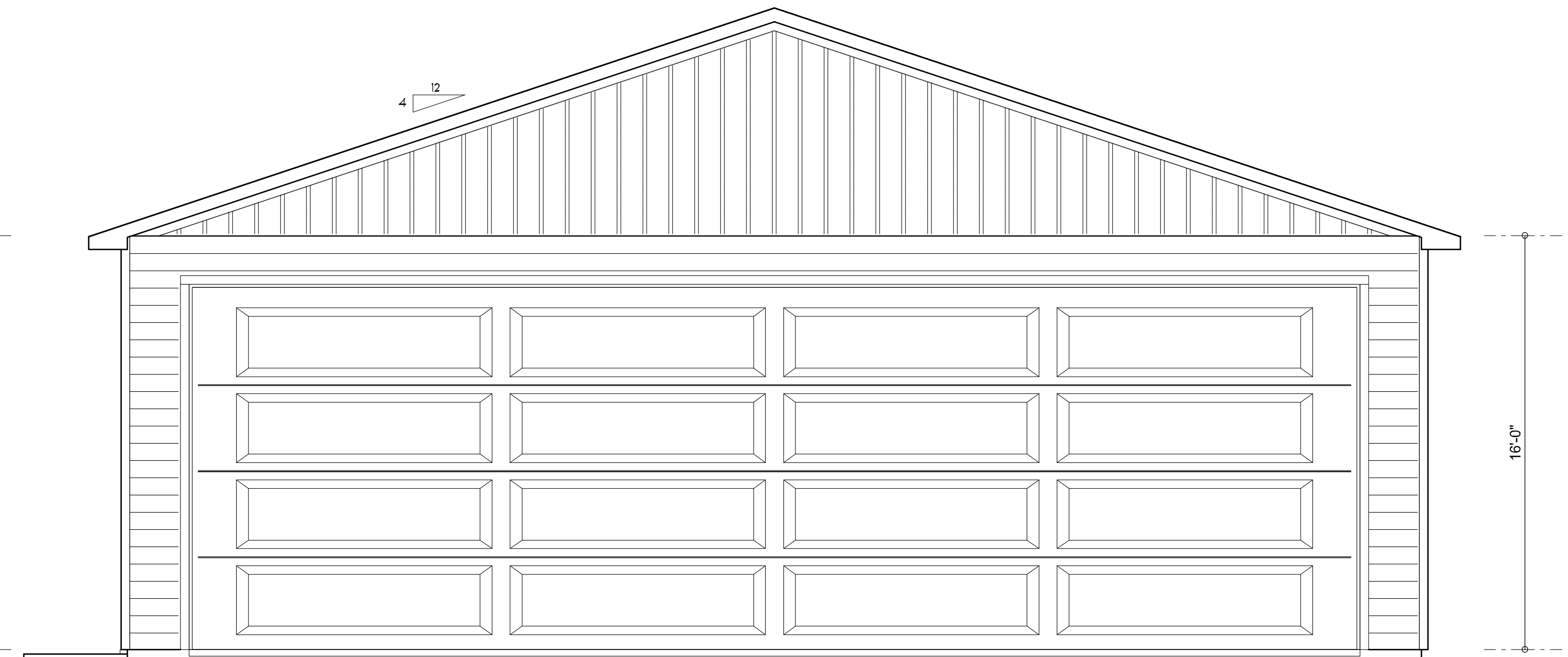
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

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EXTERIOR ELEVATIONS

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

TYPICAL WALL SECTION

SCALE: 1" = 1'-0"

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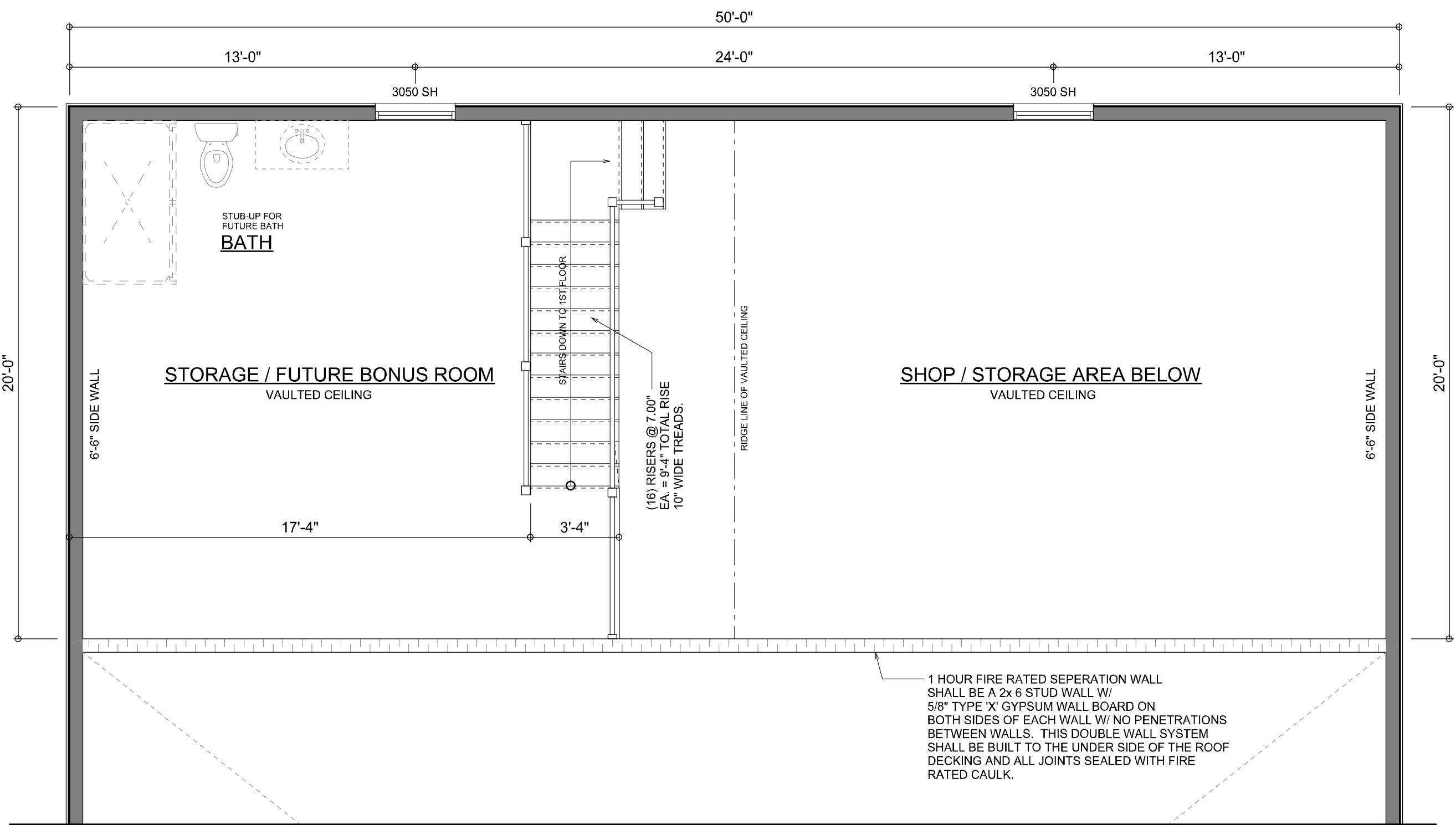
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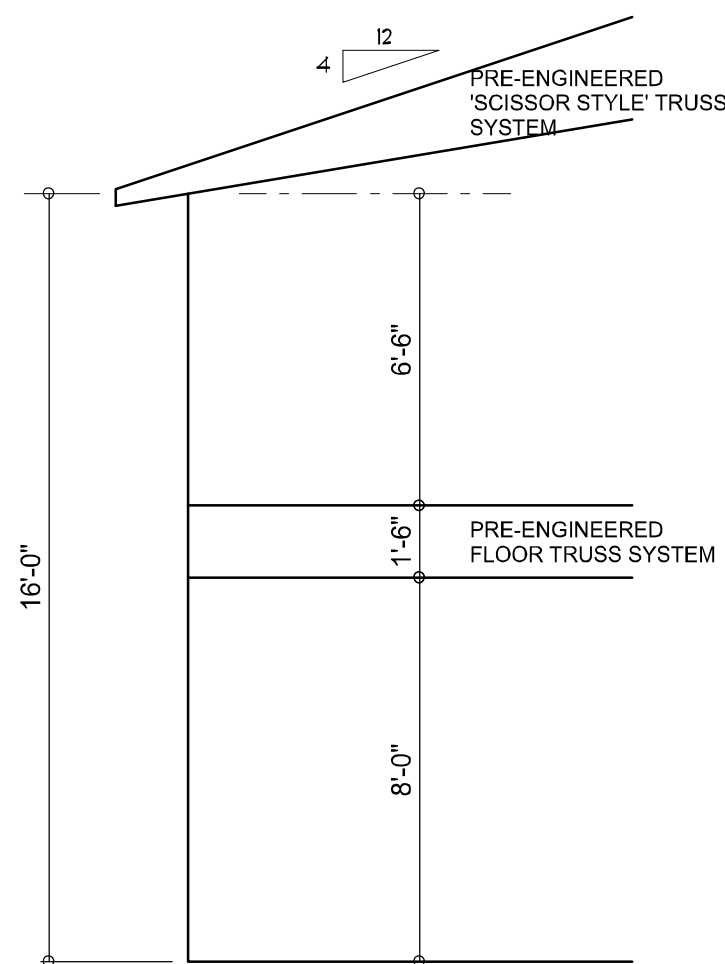
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A.1

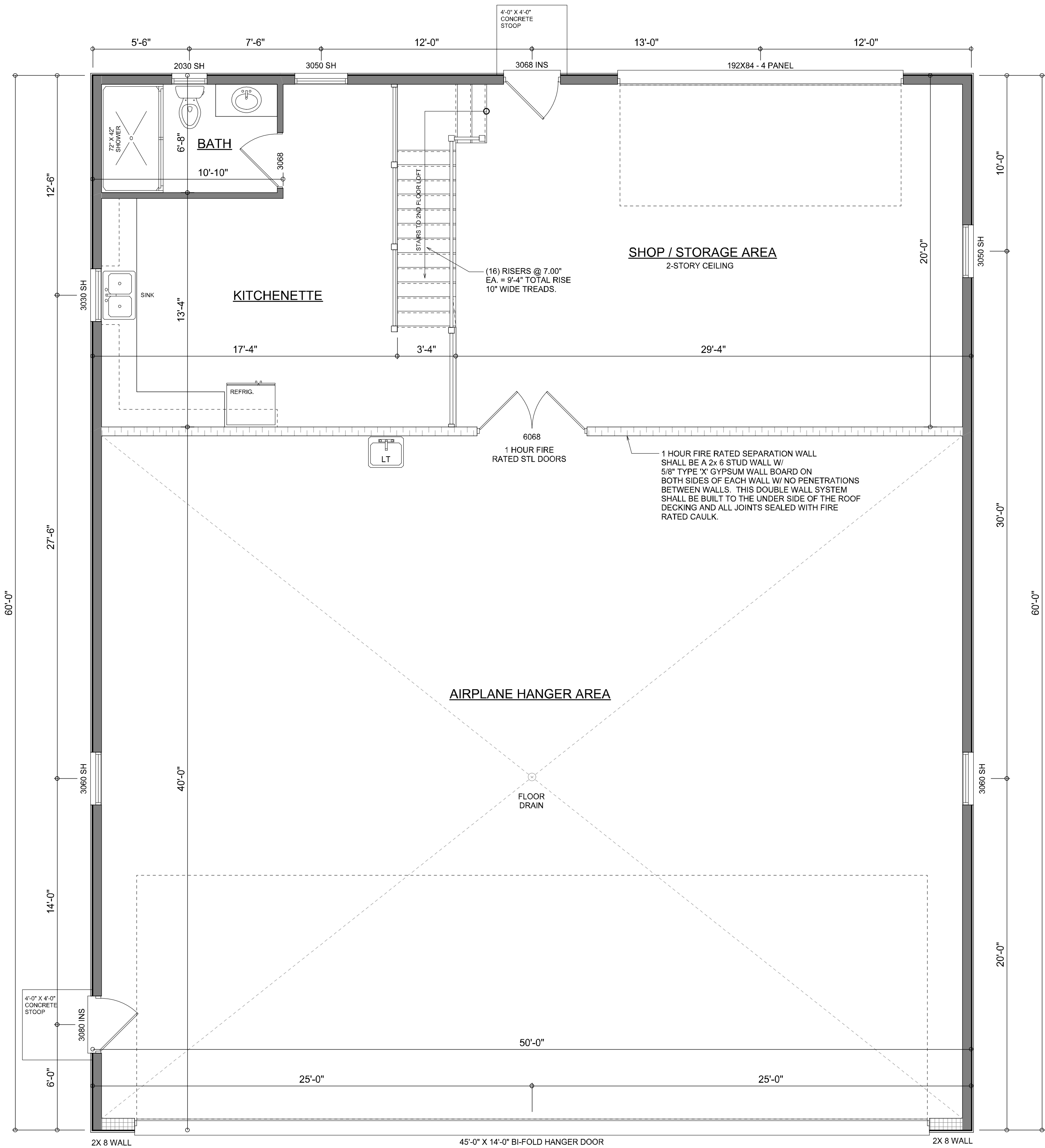
W.C. Myers



2ND FLOOR PLAN
SCALE: 1/4" = 1'-0"



FLOOR LEVEL DETAIL
SCALE: 1/4" = 1'-0"



PRELIMINARY FLOOR PLANS
SCALE: 1/4" = 1'-0"

NOTE: ALL WALLS SHALL BE 16'-0" UNLESS OTHERWISE NOTED.

Garage fire separations shall comply with the following:

- The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
- Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
- A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
- When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

WALL LEGEND

- 2x 6 FRAMED EXTERIOR WALL
- 2x 4 FRAMED INTERIOR WALL
- 2x 6 FRAMED 1 HR FIRE RATED WALL
- 2x 8 FRAMED EXTERIOR WALL

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TOTAL AREA	3,366	S.F.

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1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"

2ND FLOOR PLAN
SCALE: 1/4" = 1'-0"

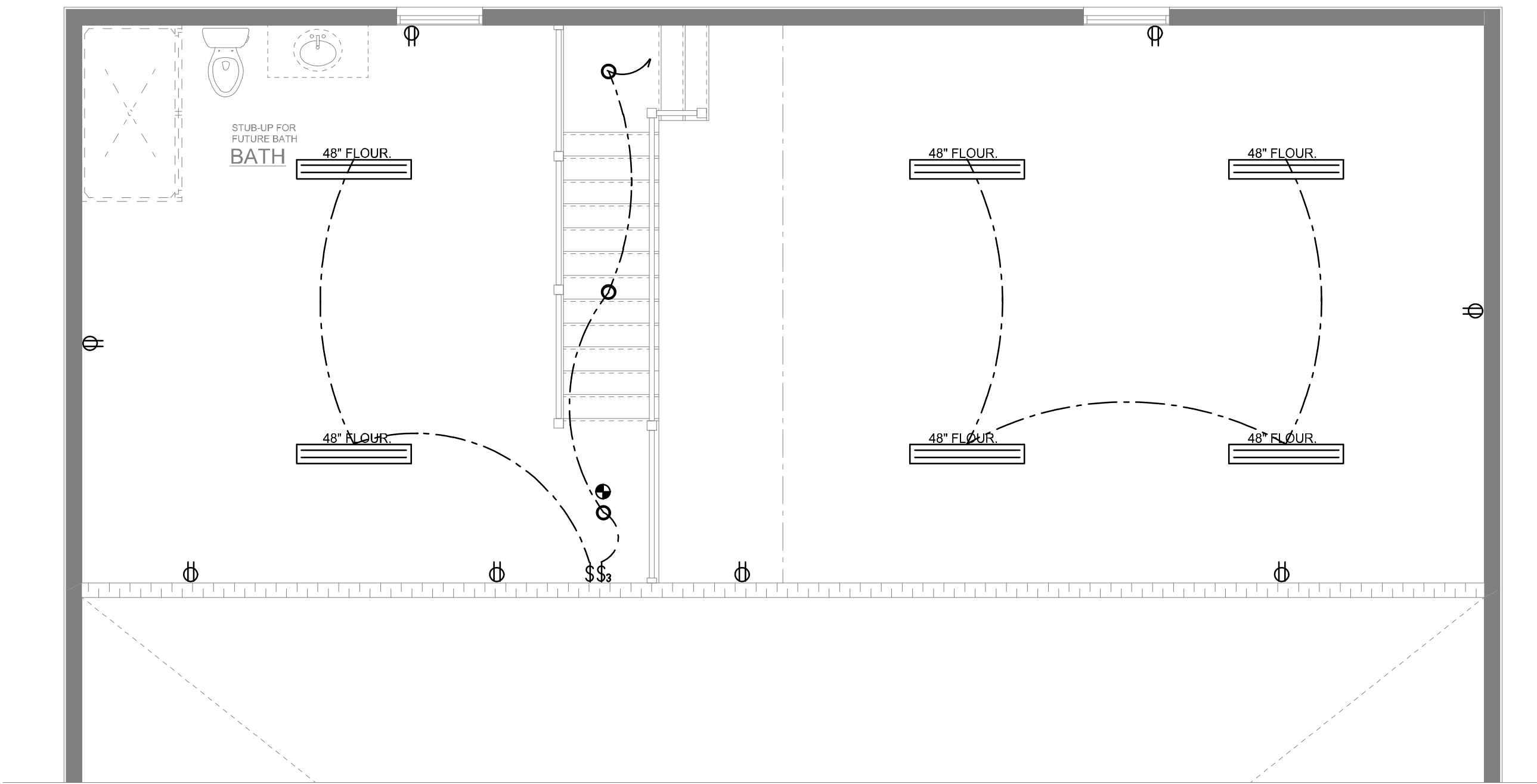
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2ND FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220v OUTLET
	GFI DUPLEX OUTLET (PER NEC 406.8)
	TELEVISION JACK
	ETHERNET JACK
	CIRCUIT FOR MINI-SPLIT A/C UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	DIMMER WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

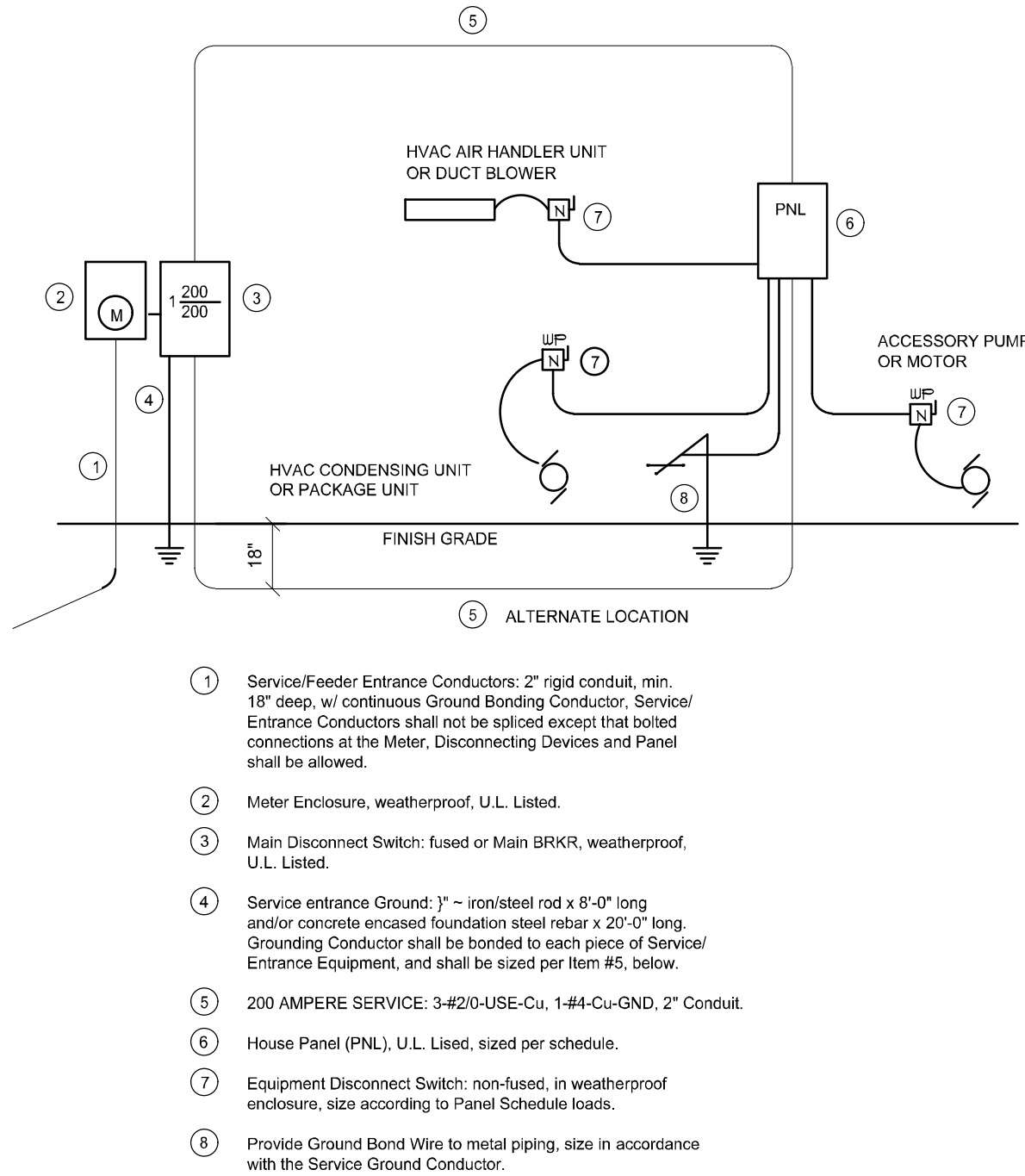
NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER
NEC 406.11

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY
LIGHTING PER FBC-ENERGY CONSERVATION R404.

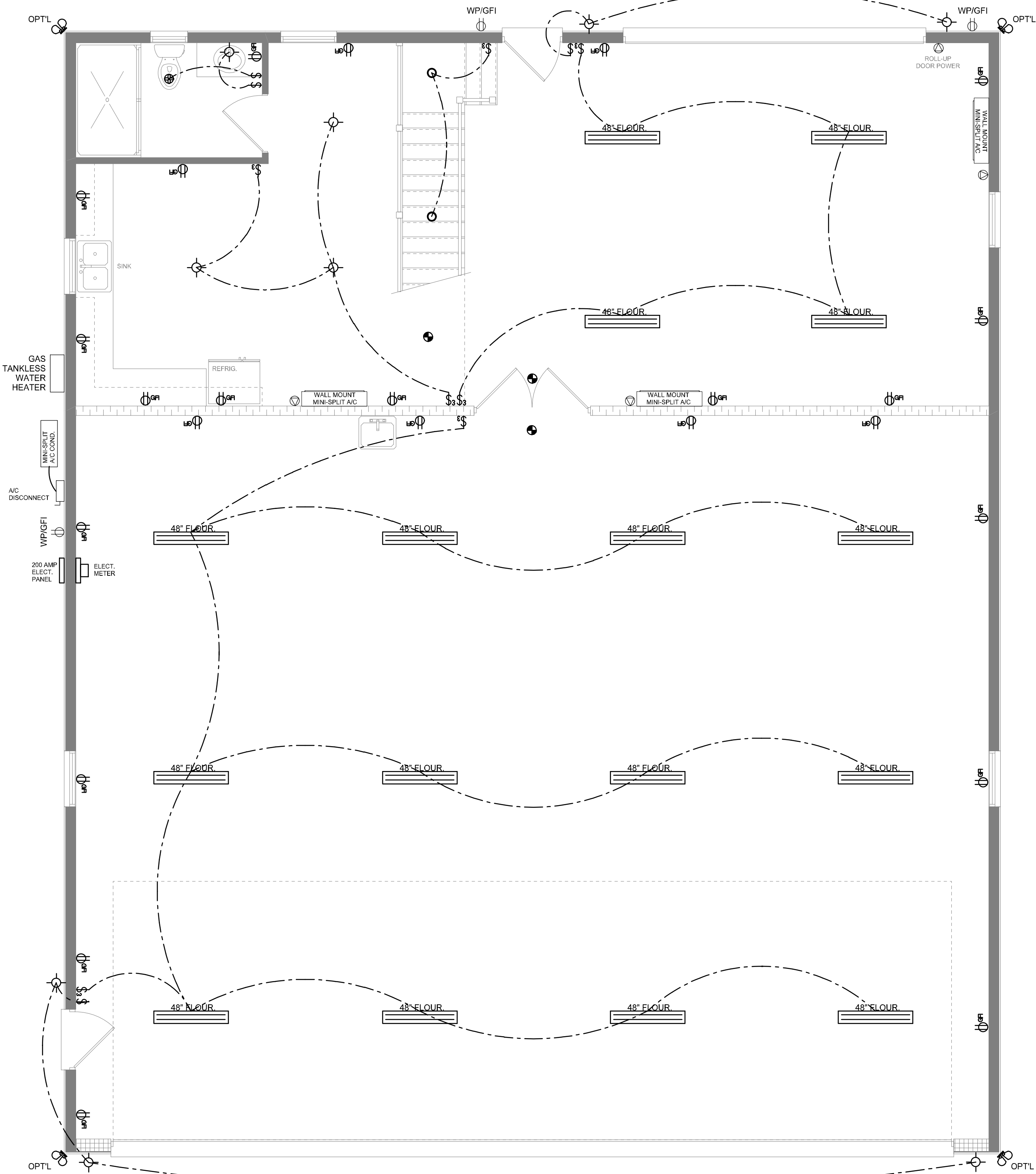
ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR
AND SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB
PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR
SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL
WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2020 (NFPA-70) NATIONAL
ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



ELECTRICAL RISER DIAGRAM: 200A
SCALE: NONE



1ST FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

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1ST FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

2ND FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

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