

DATE

REVISION

NO.

SHEET DESCRIPTION

Cover Sheet

PROJECT #: 13625 CR

DATE ISSUED: 06/06/2025

DRAWING BY: RDC

CHECKED BY: SGM

Custom Residence

Copper Builders

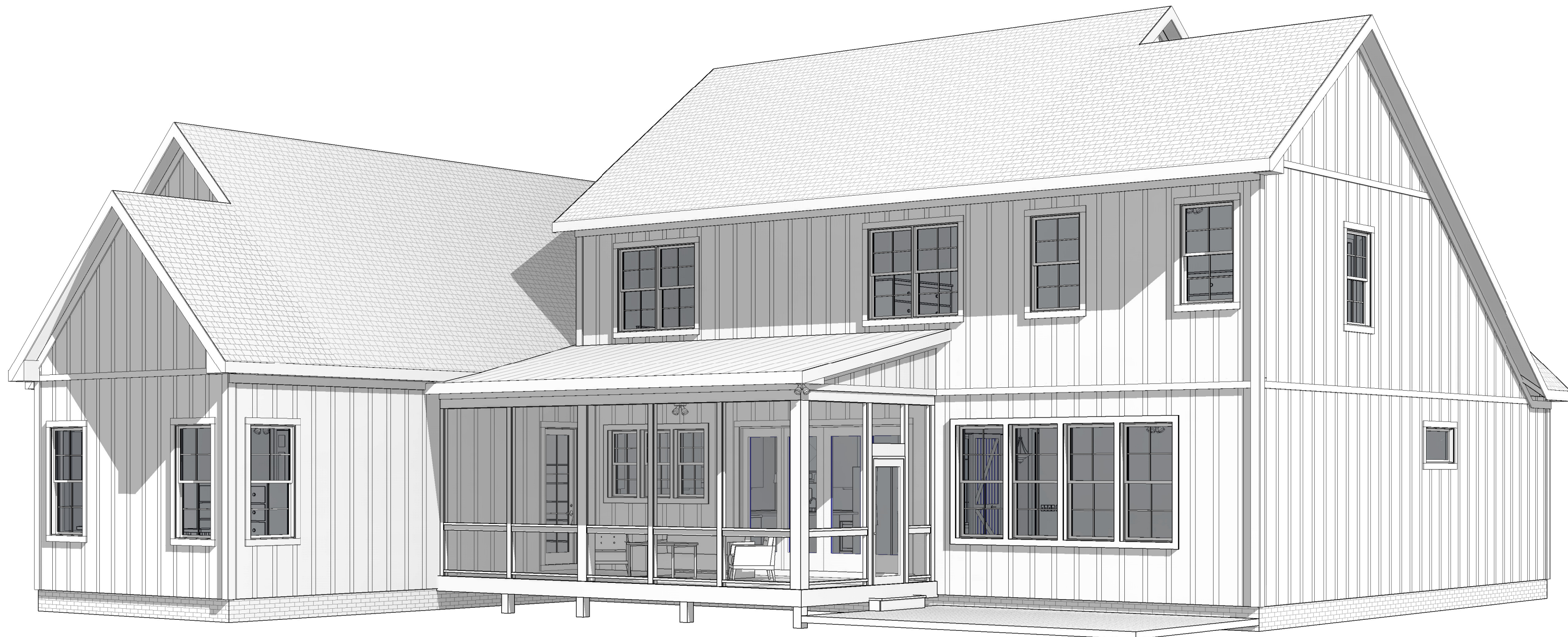
13625 Old Creedmoor Rd

Wake Forest, NC 27587

0



3D View Front



3D View Rear

Heated SQFT	
Description	Area
1st Floor Livable	2518 SF
2nd Floor Livable	1652 SF
Gross Heated SF	4170 SF

Unheated SQFT	
Description	Area
Front Porch	232 SF
Rear Porch	312 SF
Garage	940 SF
Unfinished Storage	220 SF
Patio	227 SF

MEAN ROOF HGT = 25'-9"

ENERGY COMPLIANCE MINIMUMS

MAX GLAZING U-FACTOR = 0.35

WALL R-VALUE = 15

CEILING R-VALUE = 38

FLOOR R-VALUE = 19



1 FRONT ELEVATION
A-1.1 1/4" = 1'-0"



5 REAR ELEVATION
A-1.1 1/4" = 1'-0"

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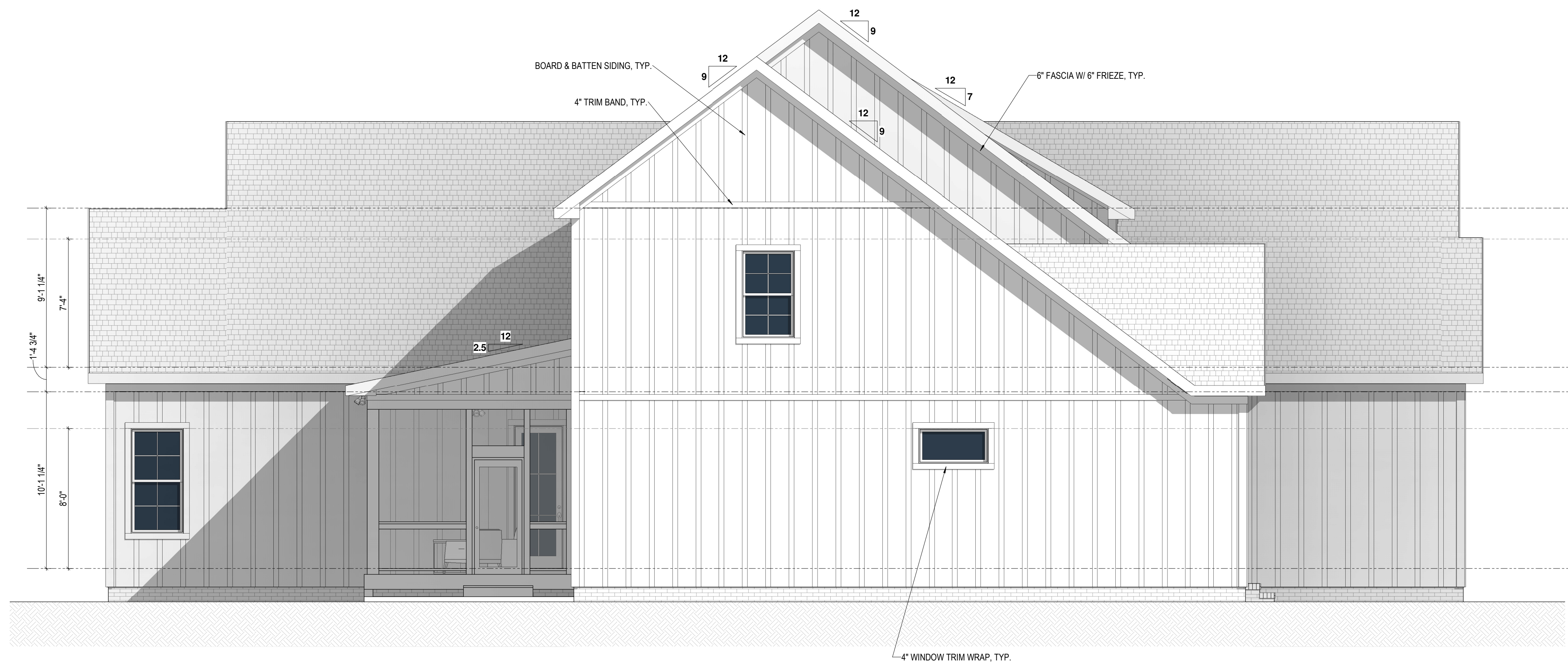
SHEET DISCRIPTION
**Front and Rear
Elevation**

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1 RIGHT ELEVATION
A-1.2 1/4" = 1'-0"



2 LEFT ELEVATION
A-1.2 1/4" = 1'-0"

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SHEET DISCRIPTION

Left & Right
Elevations

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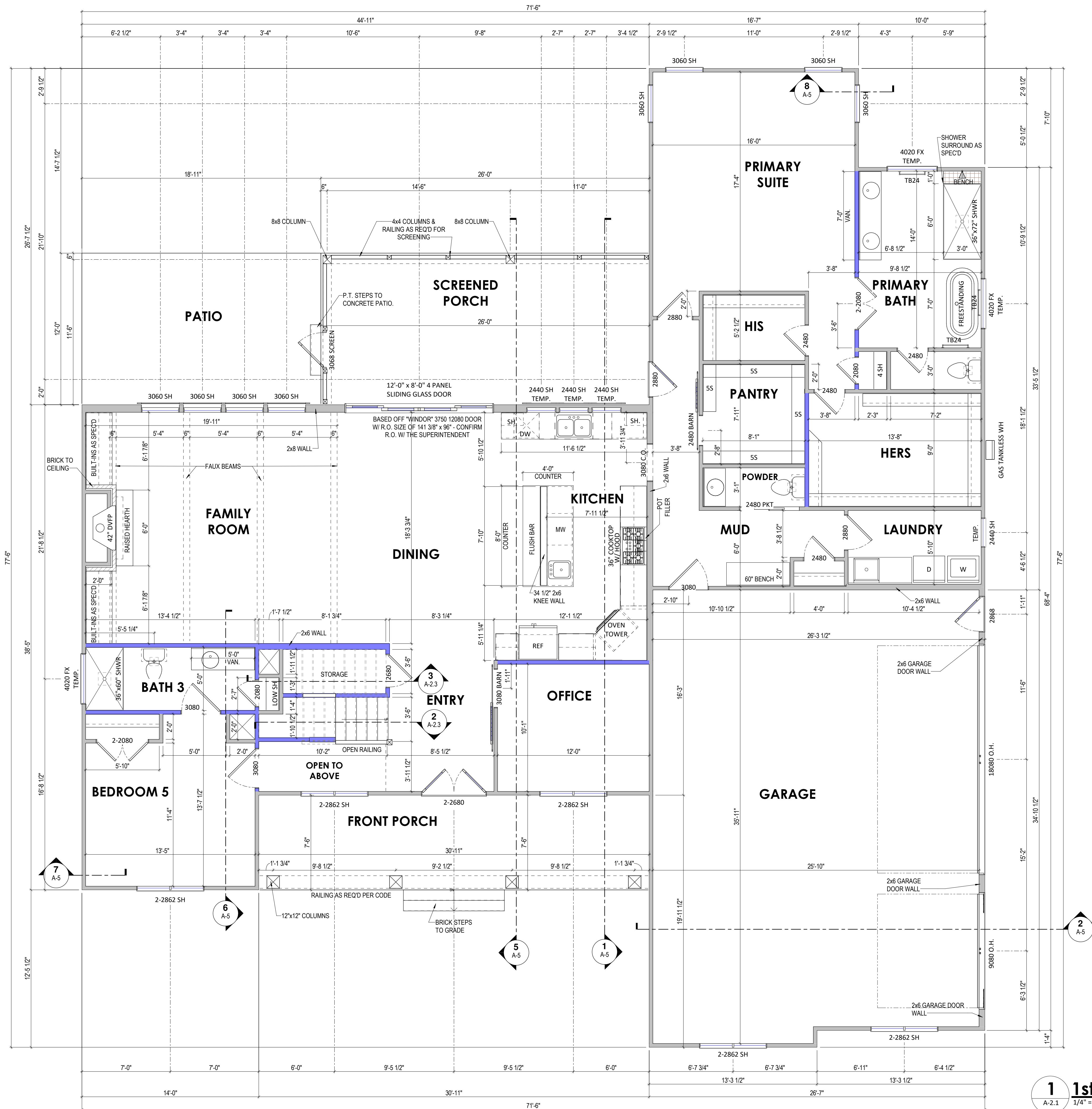
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1 1st Floor Plan
A-2.1 1/4" = 1'-0"

COPPER BUILDERS

BUILT ON TRUST

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SHEET DISCRIPTION

First Floor Plan

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A-2.1

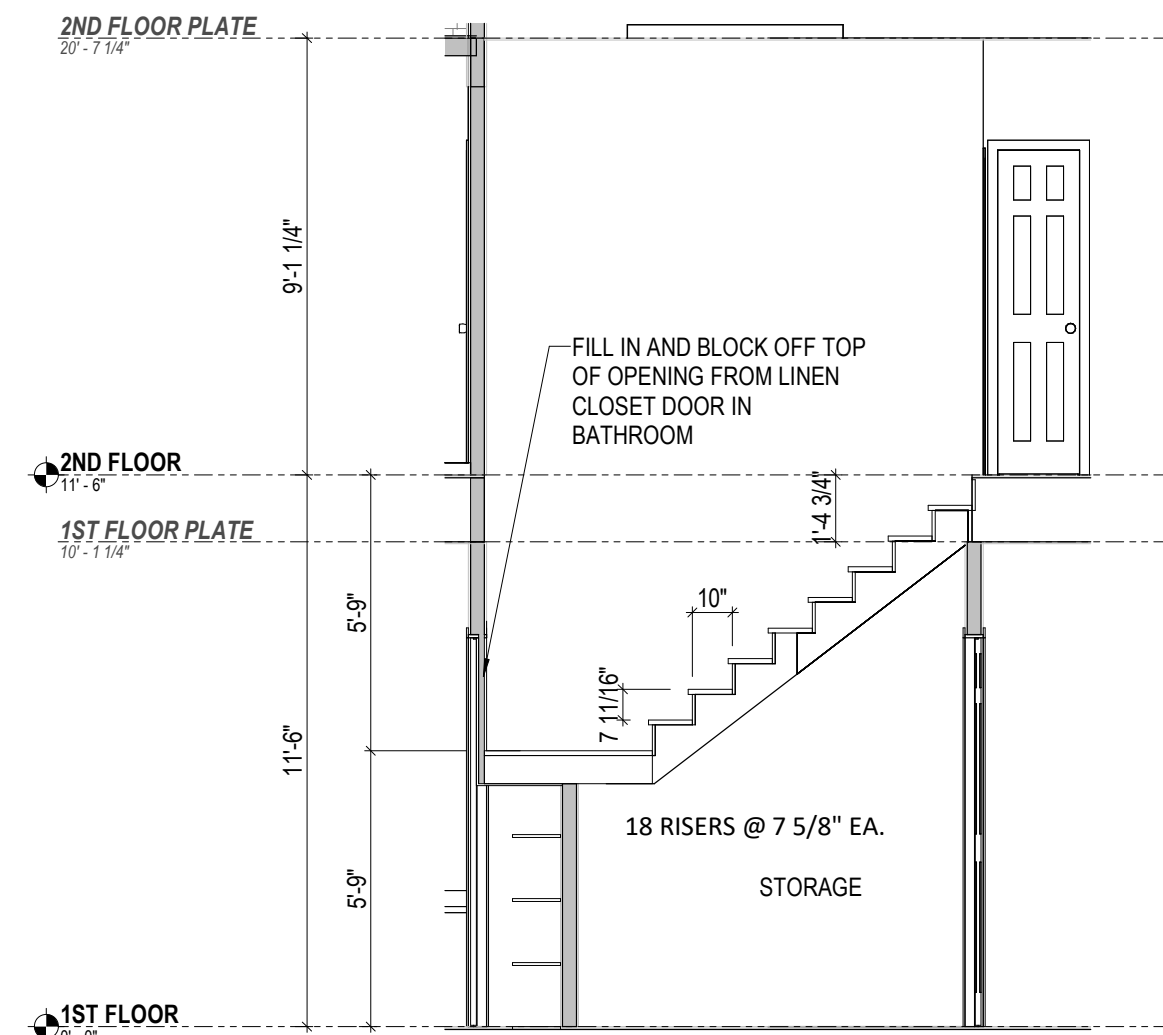
NO.	REVISION	DATE

SHEET DISCRPTION
Second Floor Plan

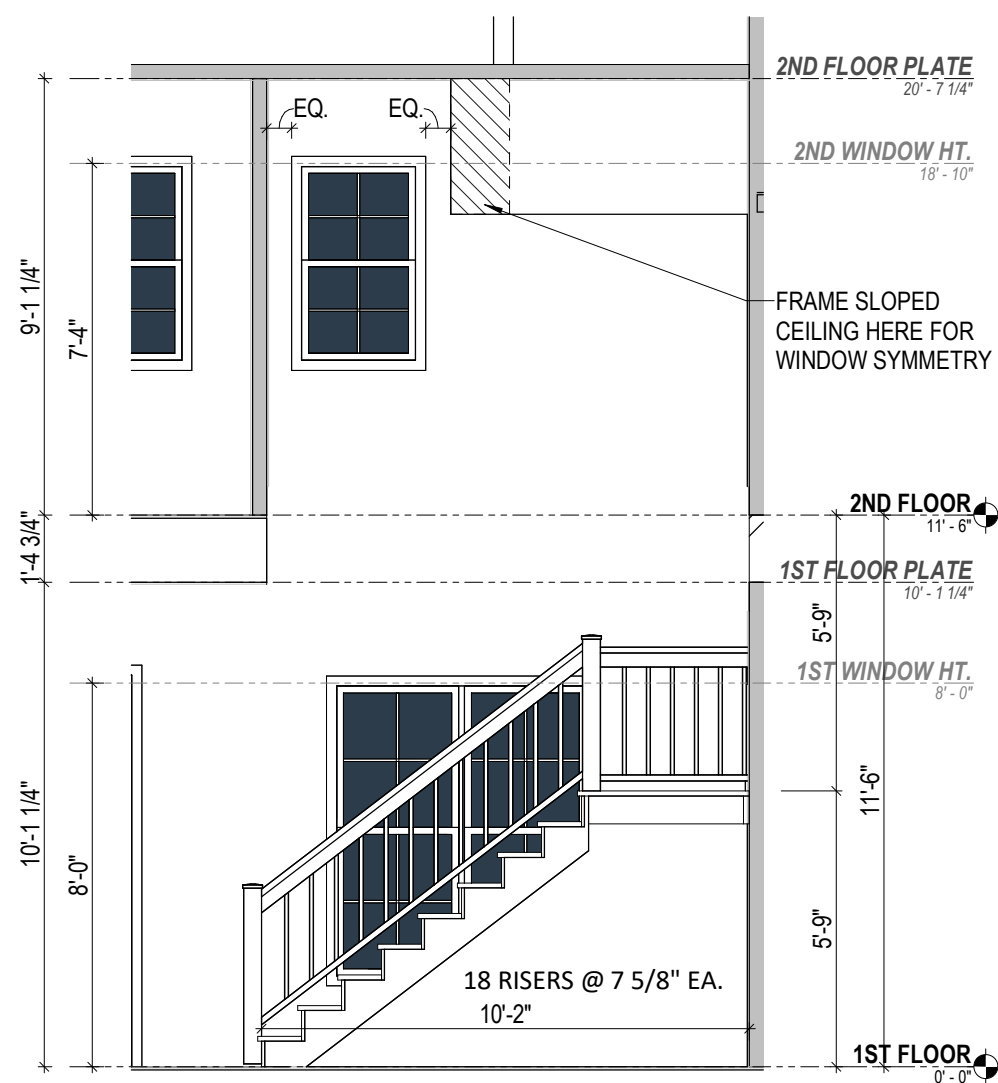
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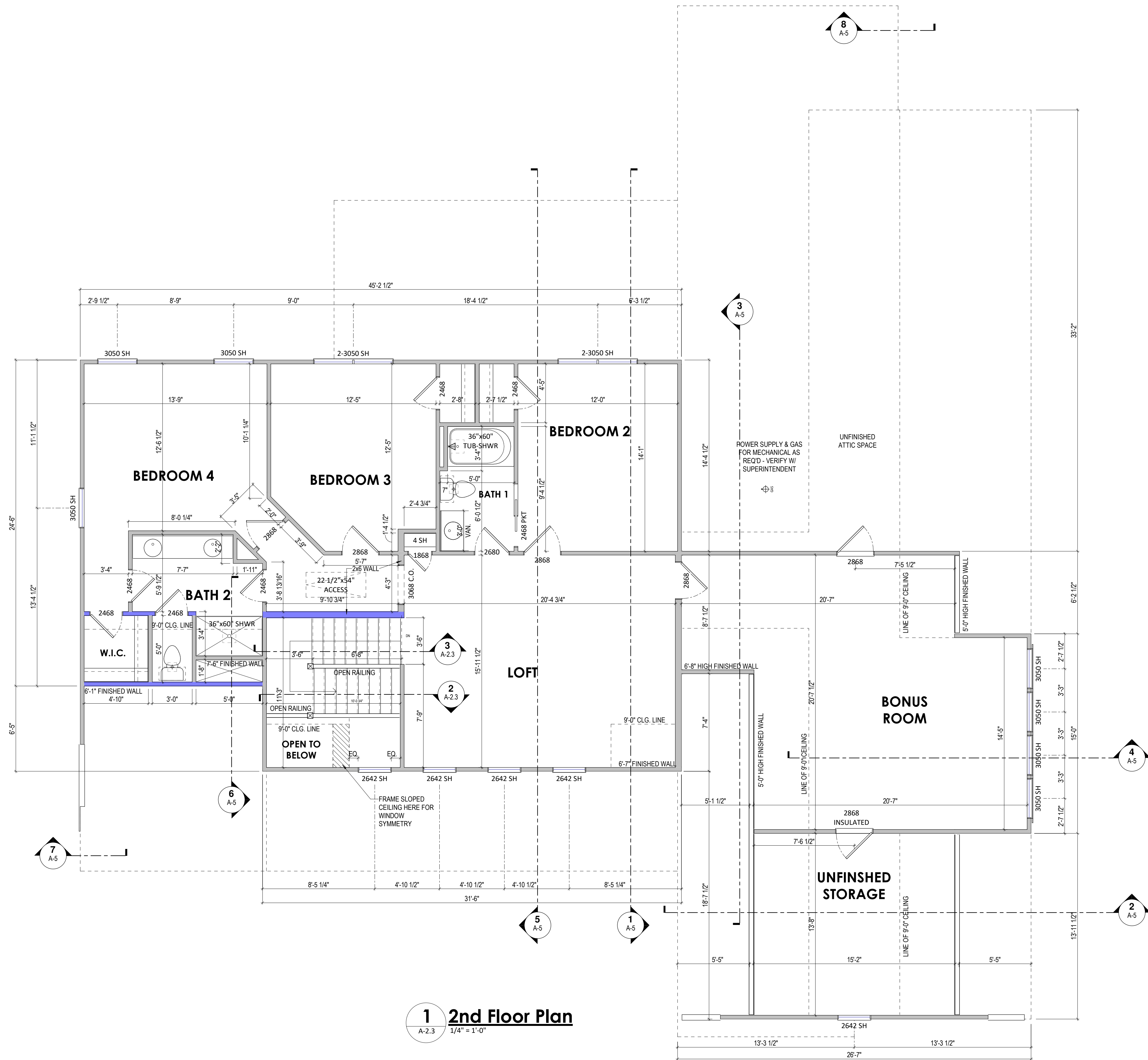
A-2.3



3 Stair Section 2
A-2.3 1/4" = 1'-0"



2 Stair Section
A-2.3 1/4" = 1'-0"



1 2nd Floor Plan
A-2.3 1/4" = 1'-0"

Crawl Vent Calculations			
SQFT. OF VENTILATION REQ'D =	2518	CRAWL SQFT. /1500 =	<u>1.67 SQFT.</u>
NUMBER OF VENTS REQ'D =	<u>1.67</u>	<u>/0.45 SQFT. PER VENT</u>	<u>4 VENTS</u>
VENT SHALL BE PLACED WITHIN AT LEAST 3'-0" FROM EACH FOUNDATION CORNER.			
# OF CORNERS EFFECTED =	<u>9</u>		
NUMBER OF CORNERS IS GREATER THAN SQUARE FOOTAGE REQUIREMENTS, THEREFORE THE NUMBER OF FOUNDATION VENTS REQUIRED IS = <u>9 VENTS</u>			

**NOTE: THIS SHEET IS AN ARCHITECTURAL FOUNDATION SHEET
INTENDED ONLY FOR EXTERIOR DIMENSIONS AND/OR
VENTILATION REQUIREMENTS/SPECIFICATIONS.**

**SEE SEALED STRUCTURAL PAGE FOR INFORMATION
REGARDING, BUT NOT LIMITED TO, FOOTING LOCATIONS AND
SPECIFICATIONS, PIER LOCATIONS AND SPECIFICATIONS, DECK
FRAMING, AND COMPACTION**



ROOF VENT CALCULATIONS	
TOTAL AREA UNDER ROOF =	3690
TOTAL VENTILATION REQ'D =	3690/150
BUILDER SHALL PROVIDE =	24.63 SQFT OF VENT

NOTE:
DOUBLE LAYER ROOFING FELT OR
CONTINUOUS ICE & WATER SHIELD AT
ALL ROOF SLOPES BELOW 4:12



1 Roof Plan
A-4 1/4" = 1'-0"

COPPER BUILDERS
BUILT ON TRUST

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SHEET DISCRIPTION
Roof Plan

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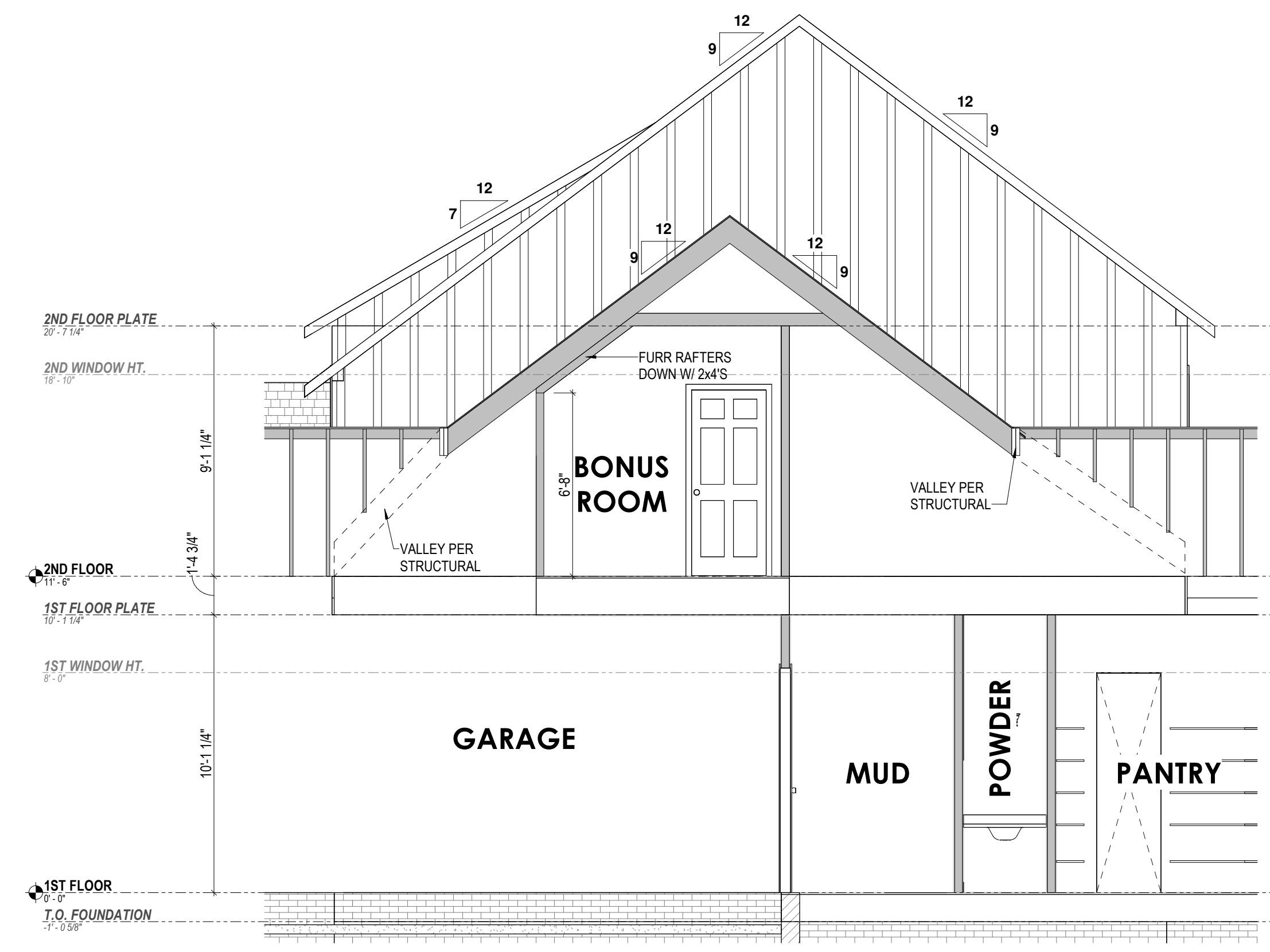
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A-4

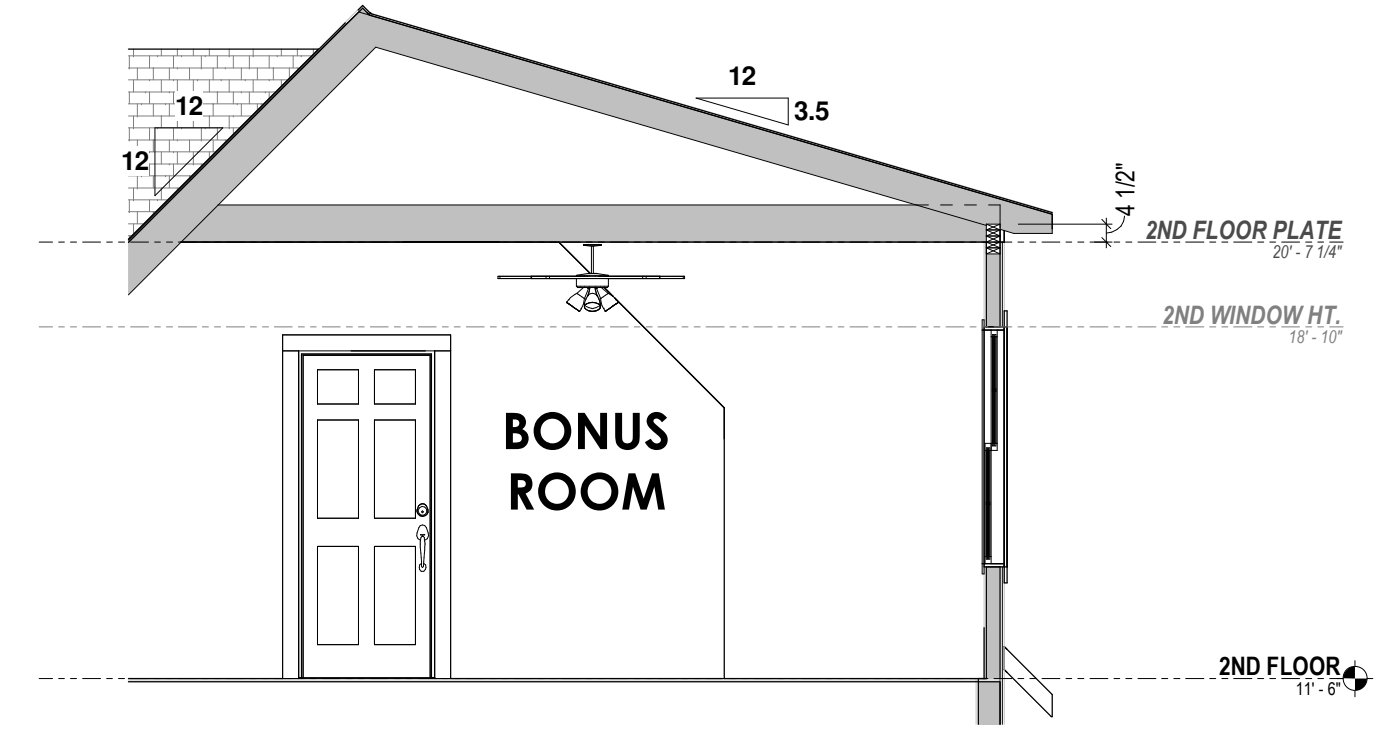
NO.	REVISION	DATE
SHEET DISCRPTION		
Sections		

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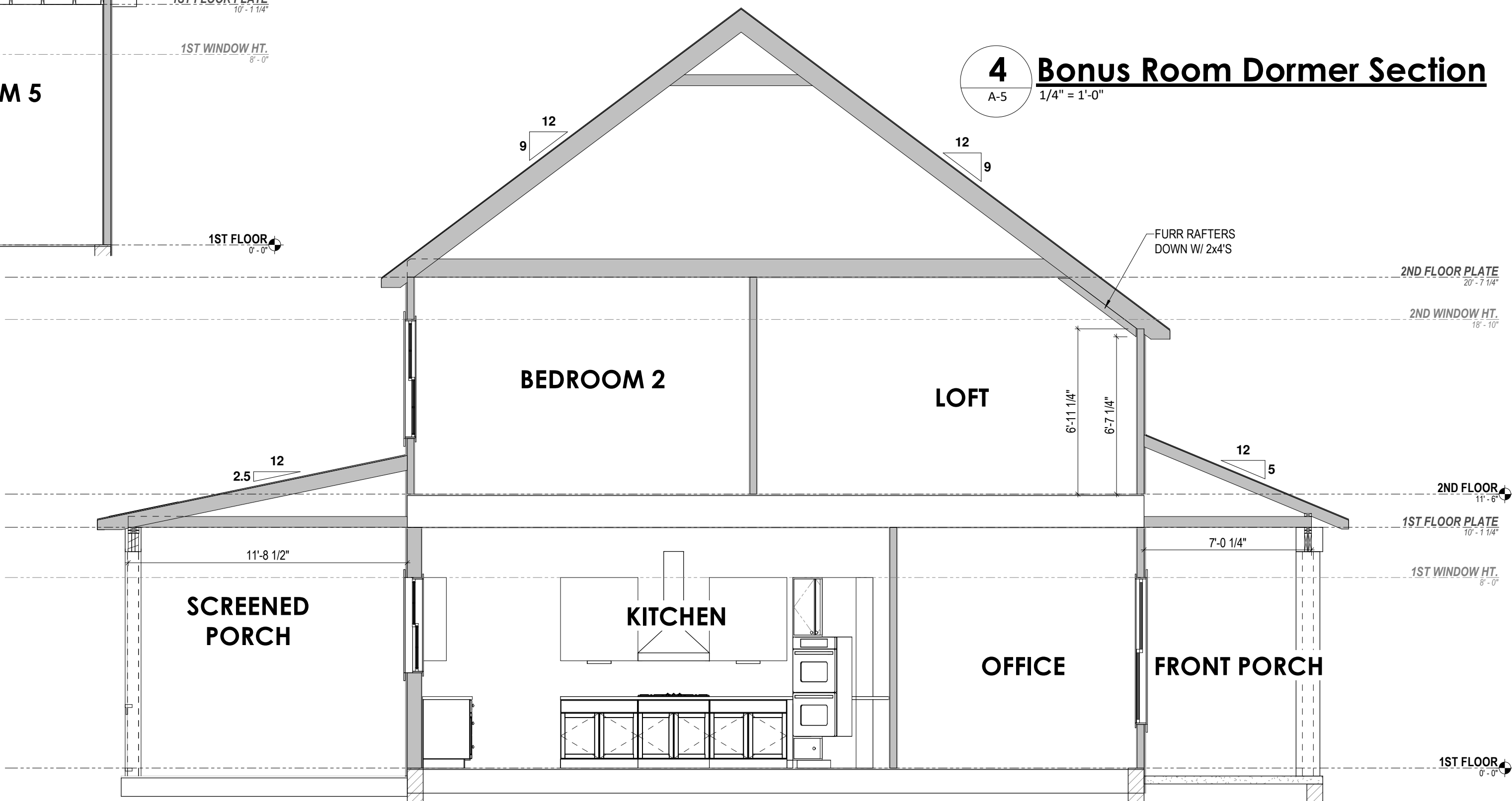
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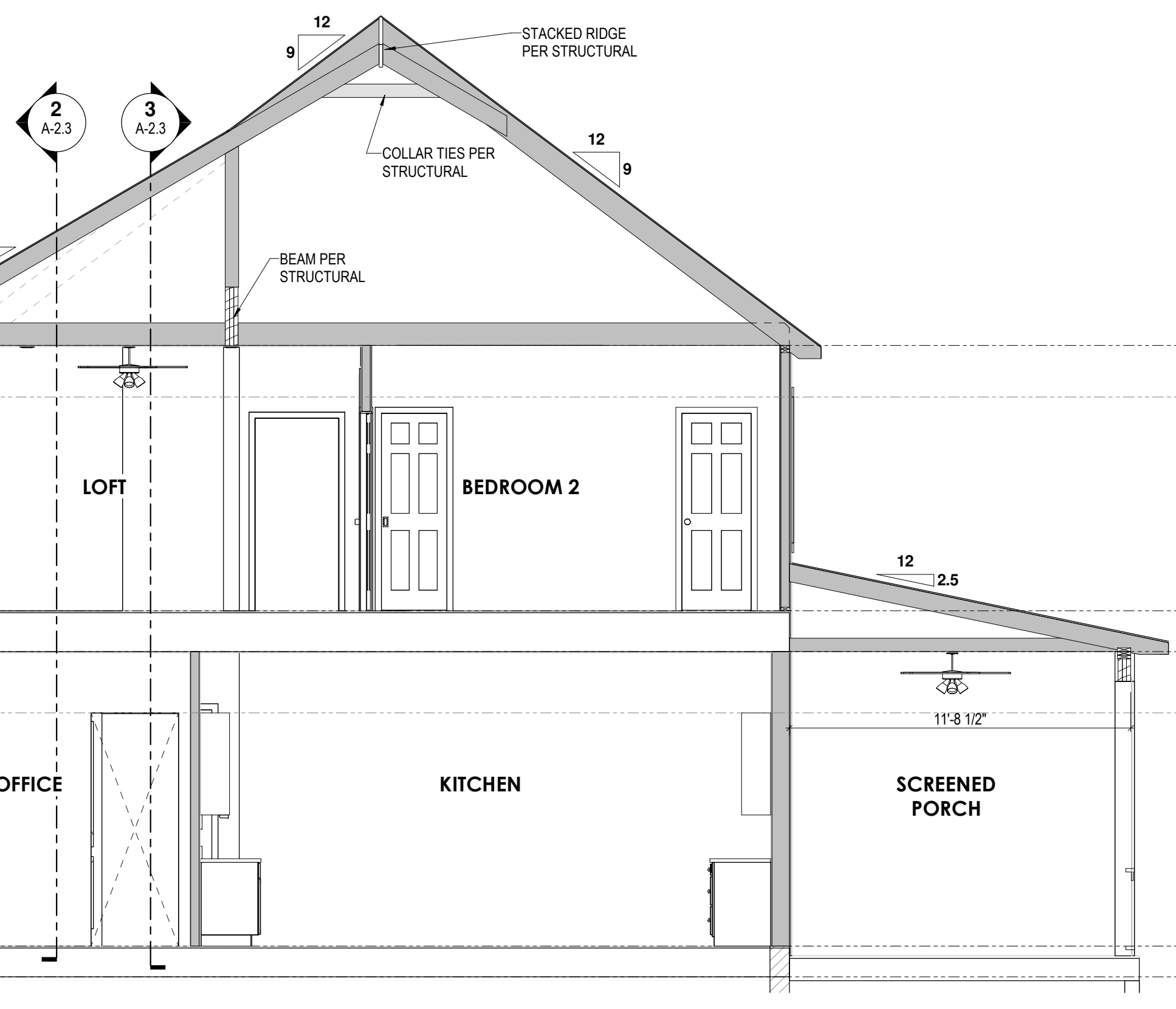
3 Bonus Room Connection Section
A-5 1/4" = 1'-0"



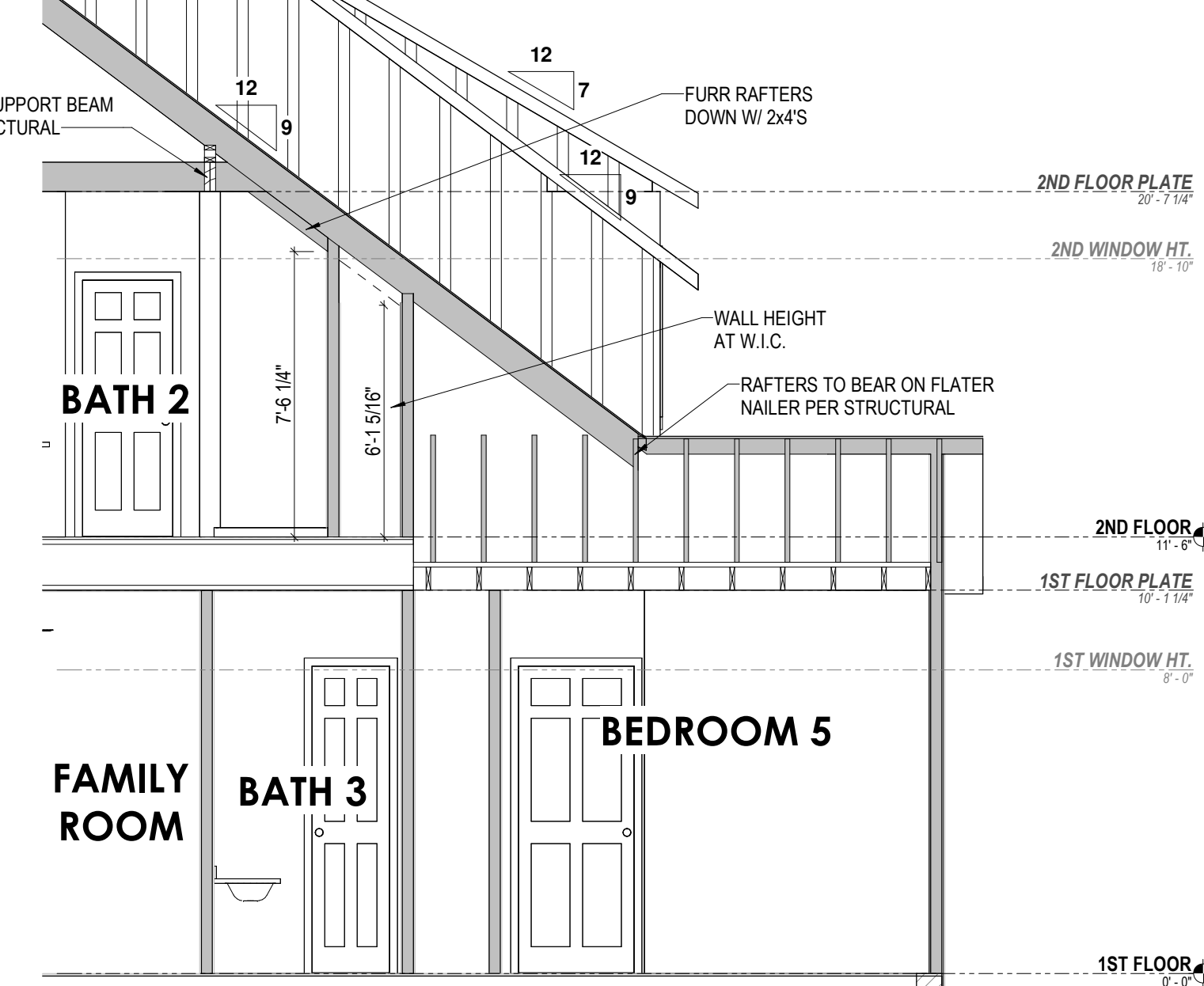
4 Bonus Room Dormer Section
A-5 1/4" = 1'-0"



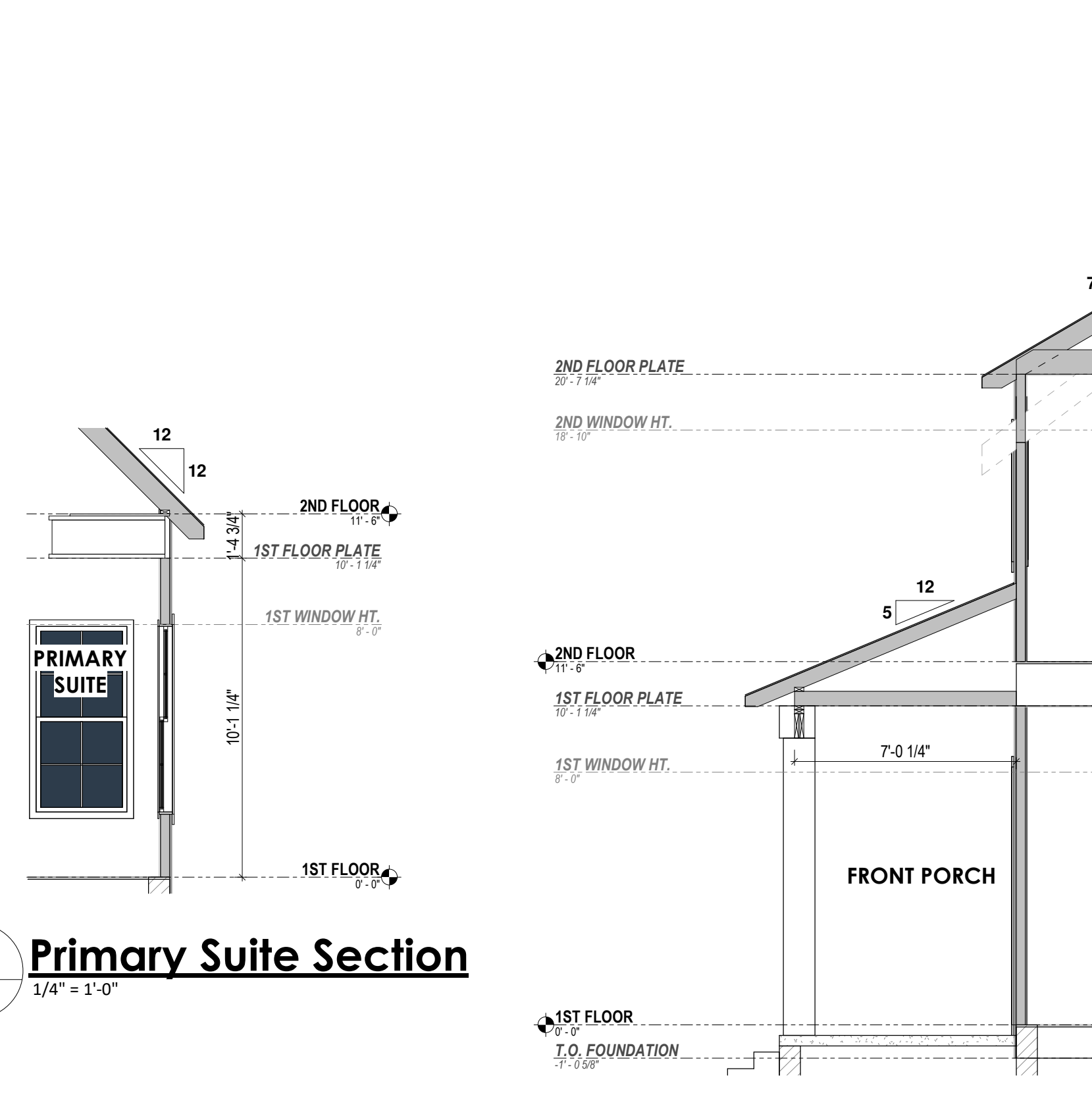
1 Building Section
A-5 1/4" = 1'-0"



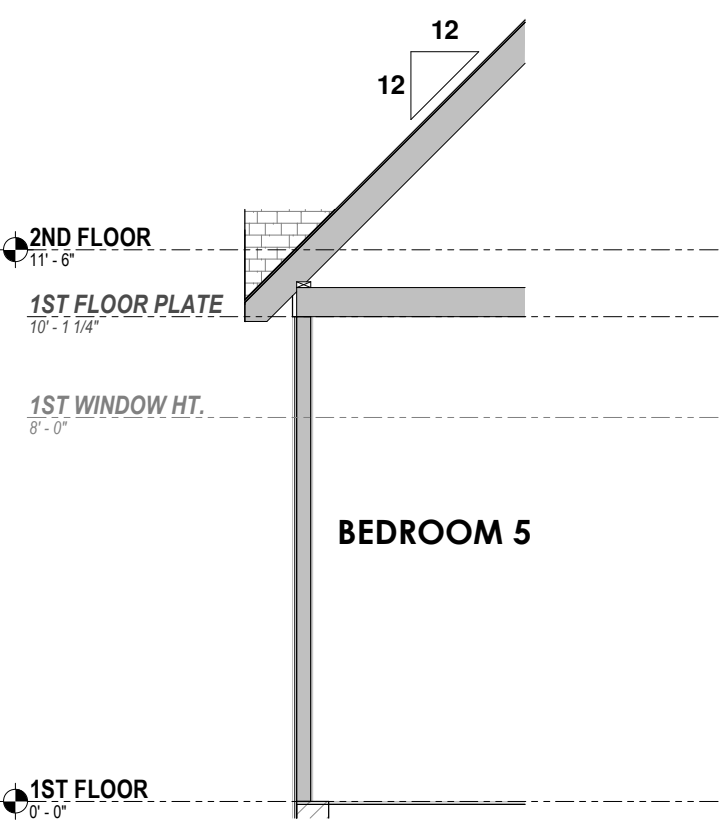
5 Building Section1
A-5 1/4" = 1'-0"



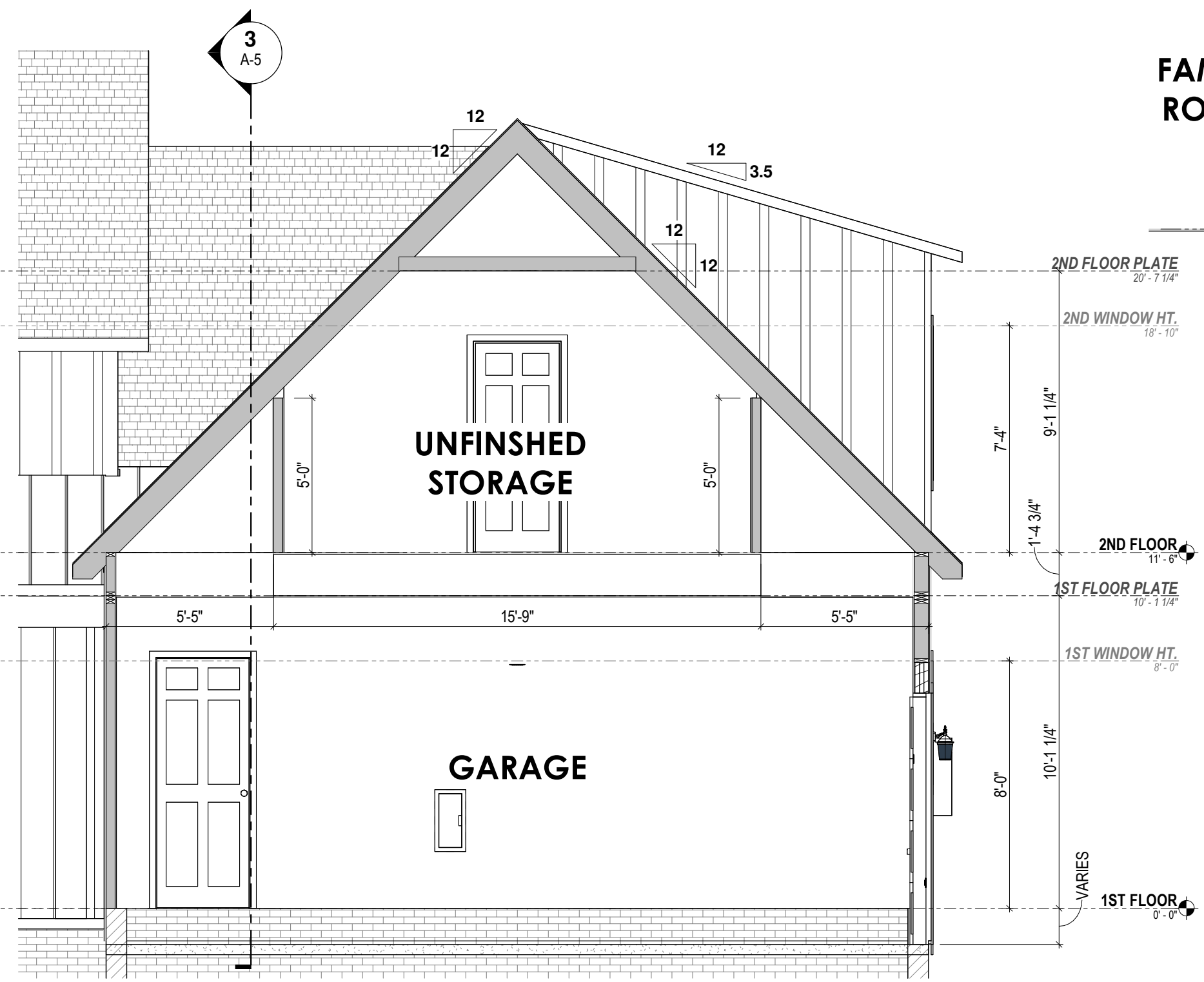
6 Bath 2 Section
A-5 1/4" = 1'-0"



8 Primary Suite Section
A-5 1/4" = 1'-0"



7 Bedroom 5 Section
A-5 1/4" = 1'-0"



2 Garage Section
A-5 1/4" = 1'-0"

ELECTRICAL LEGEND			
	SINGLE POLE SWITCH		DOOR BELL BUTTON
	3-WAY SWITCH		DOOR BELL CHIME
	4-WAY SWITCH		GARAGE DOOR BUTTON
	DIMMER SWITCH		GARAGE DOOR OPENER
	220 VOLT OUTLET		WEATHERPROOF OUTLET
	DUPLEX OUTLET		CEILING OUTLET
	GROUND FAULT OUTLET		FLOOR OUTLET
	SMOKE DETECTOR		CARBON MONOXIDE & SMOKE DETECTOR COMBO
	CARBON MONOXIDE DETECTOR		NETWORK OUTLET
	TELEVISION OUTLET		TELEPHONE OUTLET
	SERVICE PANEL		GARBAGE DISPOSAL
	SERVICE METER		ACCENT LIGHT
	WALL MOUNT LIGHT		SINGLE SCONCE
	FLOOD LIGHT		DOUBLE SCONCE
	STRIP LIGHT		STAIR LIGHT
	BATH FAN & LIGHT COMBO		BATH FAN
	CLOSET CASTER LIGHT		UNDER CABINET LIGHT
	PULL CHAIN LIGHT		KEYLESS LIGHT
	FLUSH MOUNT LIGHT		HANGING LIGHT
	HANGING PENDANT LIGHT		MINIATURE PUCK LIGHT
	LED PUCK LIGHT		RECESSED EYEBALL LIGHT
	FLUORESCENT LIGHT RECTANGULAR		FLUORESCENT LIGHT ROUND
	CEILING FAN		LIGHT w/ FAN ROUGH
	LIGHTED CEILING FAN		LIGHT & FAN ROUGH

NOTE: OUTLET LOCATIONS AND QUANTITY ARE APPROXIMATE, ACTUAL QUANTITY MAY VARY BASED ON LOCAL CODES



1 1st Floor Electrical
A-5.1 1/4" = 1'-0"

COPPER BUILDERS
BUILT ON TRUST

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First Floor
Electrical

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ELECTRICAL LEGEND			
	SINGLE POLE SWITCH		DOOR BELL BUTTON
	3-WAY SWITCH		DOOR BELL CHIME
	4-WAY SWITCH		GARAGE DOOR BUTTON
	DIMMER SWITCH		GARAGE DOOR OPENER
	220 VOLT OUTLET		WEATHERPROOF OUTLET
	DUPLEX OUTLET		CEILING OUTLET
	GROUND FAULT OUTLET		FLOOR OUTLET
	SMOKE DETECTOR		CARBON MONOXIDE & SMOKE DETECTOR COMBO
	CARBON MONOXIDE DETECTOR		NETWORK OUTLET
	TELEVISION OUTLET		TELEPHONE OUTLET
	SERVICE PANEL		GARBAGE DISPOSAL
	SERVICE METER		ACCEN LIGHT
	WALL MOUNT LIGHT		SINGLE SCENCE
	FLOOD LIGHT		DOUBLE SCENCE
	STRIP LIGHT		STAIR LIGHT
	BATH FAN & LIGHT COMBO		BATH FAN
	CLOSET CASTER LIGHT		UNDER CABINET LIGHT
	PULL CHAIN LIGHT		KEYLESS LIGHT
	FLUSH MOUNT LIGHT		HANGING LIGHT
	HANGING PENDANT LIGHT		MINIATURE PUCK LIGHT
	LED PUCK LIGHT		RECESSED EYEBALL LIGHT
	FLUORESCENT LIGHT RECTANGULAR		FLUORESCENT LIGHT ROUND
	CEILING FAN		LIGHT w/ FAN ROUGH
	LIGHTED CEILING FAN		LIGHT & FAN ROUGH

NOTE: OUTLET LOCATIONS AND QUANTITY ARE APPROXIMATE, ACTUAL QUANTITY MAY VARY BASED ON LOCAL CODES



1 **2nd Floor Electrical**
A-5.2 1/4" = 1'-0"

COPPER BUILDERS
BUILT ON TRUST

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Second Floor
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A-5.2