



COLD CLIMATE HOUSING RESEARCH CENTER

CCHRC

Design for Crooked Creek, Alaska

2 bedroom

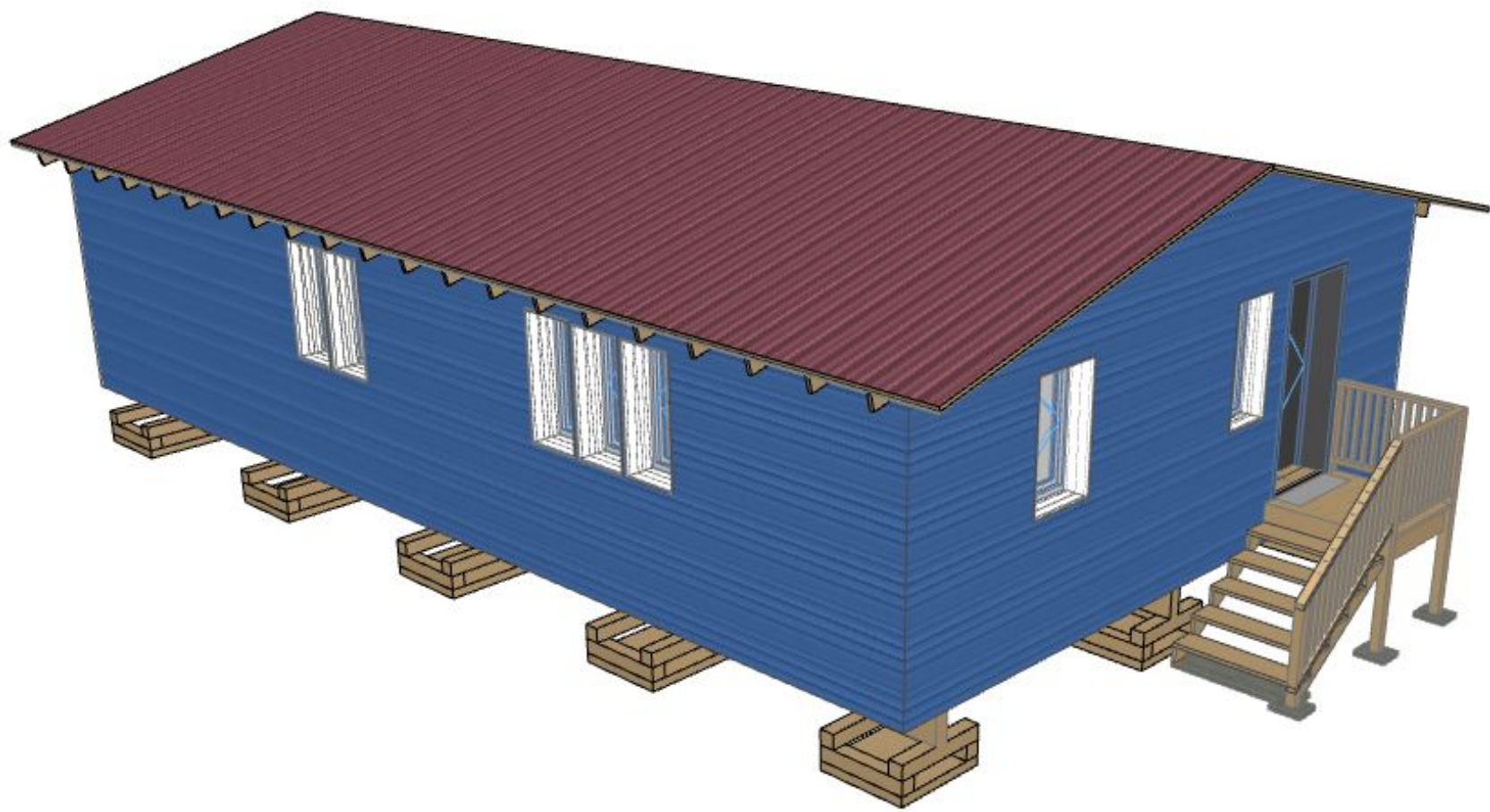
integrated truss on post-on-pad foundation



NOTE: The information contained in these documents was developed and published as a reference for specific climatic and site conditions. These documents are not a substitute for a detailed architectural plan set or site-specific engineering.

Any application of knowledge contained in this manual will need to consider site-specific issues including but not limited to applicable codes and structural design considerations for soil type, weather, and wind and snow load conditions. It is essential that a structural engineer review the plans to ensure they meet design criteria appropriate to the site.

This home has many elements that require specialized knowledge. We strongly recommend that skilled tasks, plumbing and electric work be done by professionals.



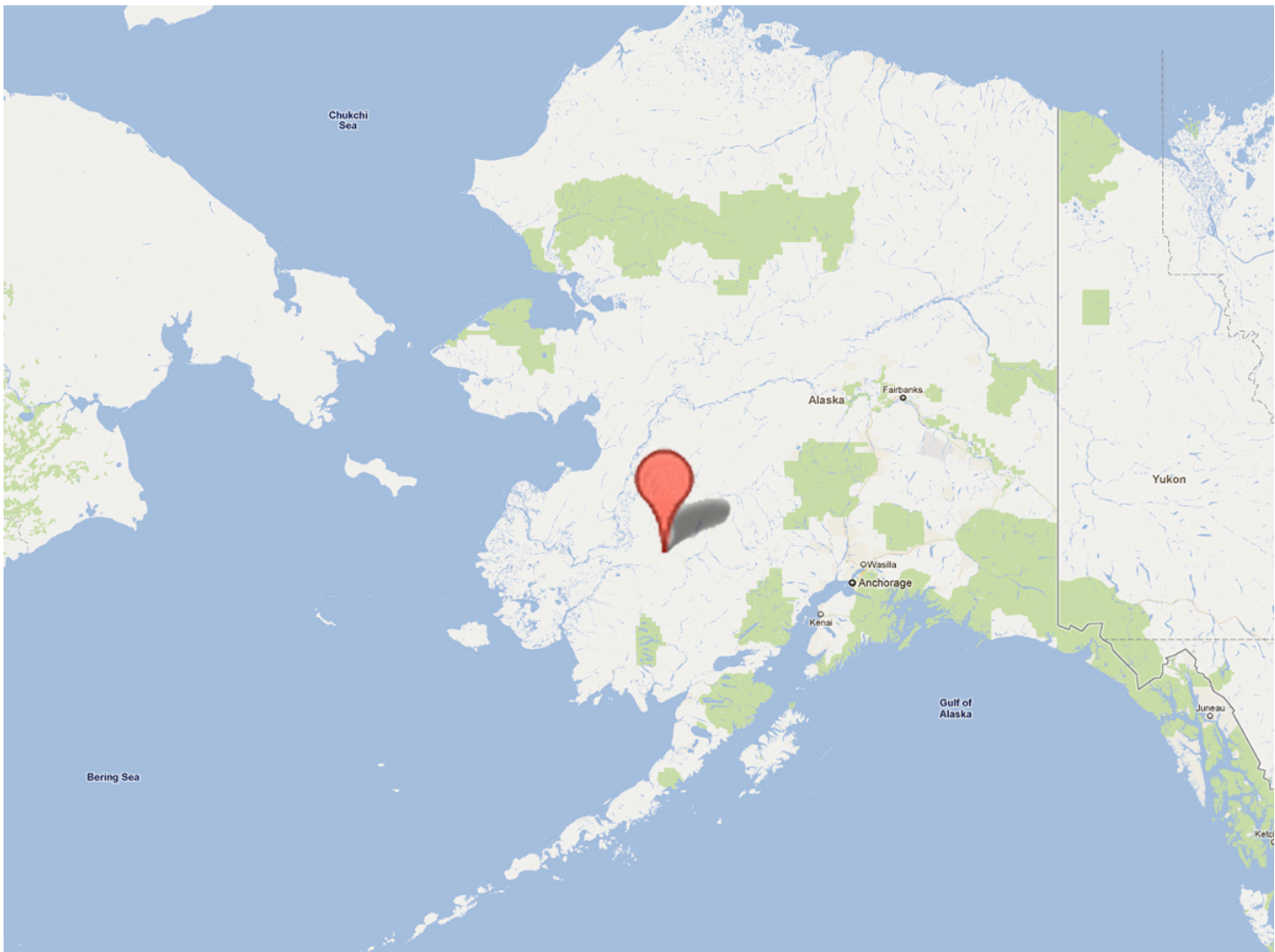
1 TWO BEDROOM PERSPECTIVE 01



2 TWO BEDROOM PERSPECTIVE 02



VILLAGE OF CROOKED CREEK



CROOKED CREEK AK MAP

LIST OF DRAWINGS	
A0.0	COVER SHEET
A1.0	FOUNDATION PLAN
A1.1	FIRST FLOOR PLAN
A1.2	3D FRAMING VIEWS
A1.3	ROOF FRAMING PLAN
A2.0	ELEVATIONS
A3.0	BUILDING SECTIONS
A3.1	WALL SECTIONS
A4.0	STAIR DETAILS
A4.1	CASEWORK DETAILS
E1.0	ELECTRICAL
M1 P1	MECHANICAL / PLUMBING

General Notes		
DESIGNED BY: CCHRC		
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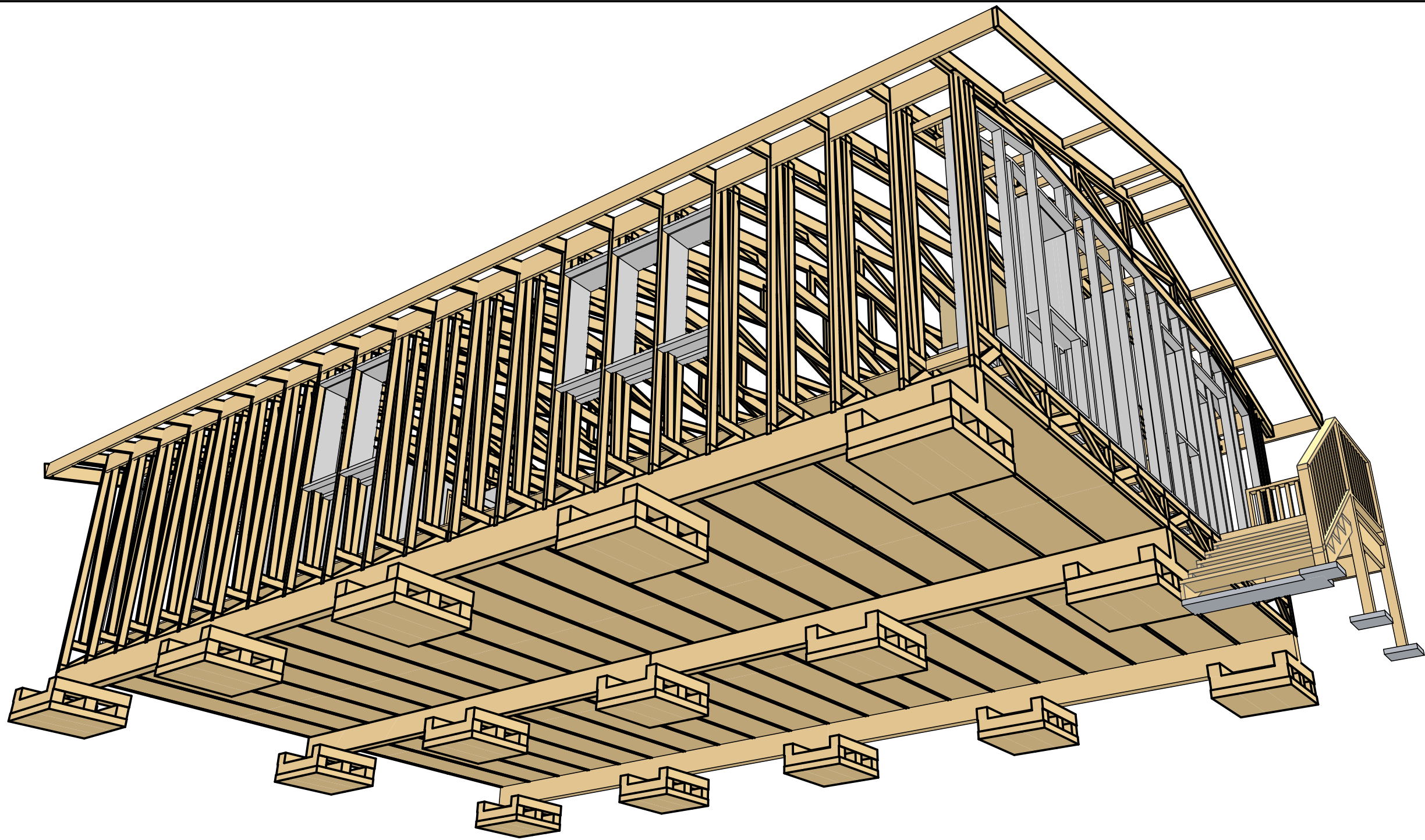
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PROJECT
REPLACEMENT HOUSING
TWO BEDROOM HOUSE
VILLAGE OF CROOKED CREEK
CROOKED CREEK, AK
ISSUED
12 DECEMBER 2011
Construction Documents

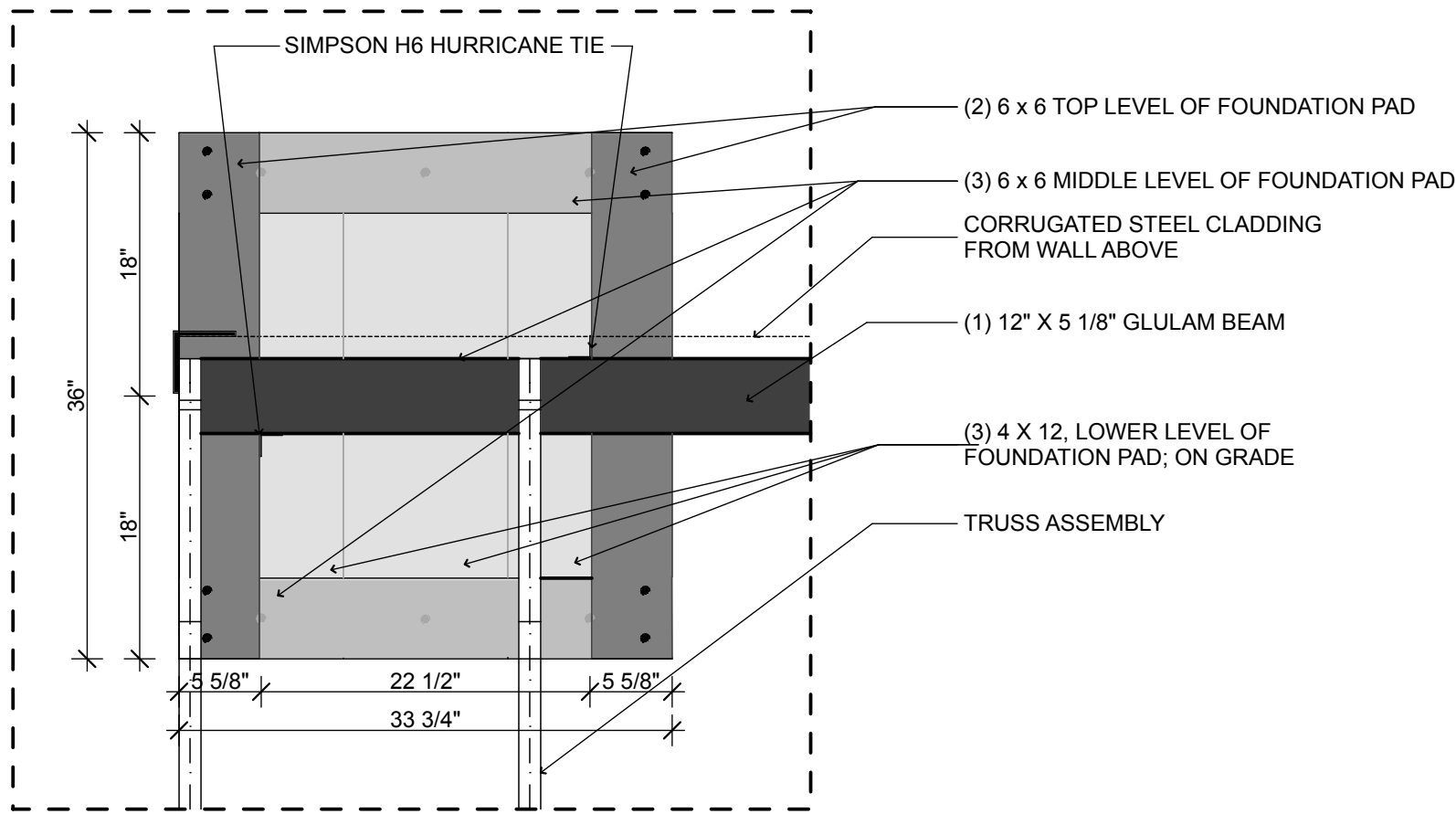
COVER SHEET

A0.0

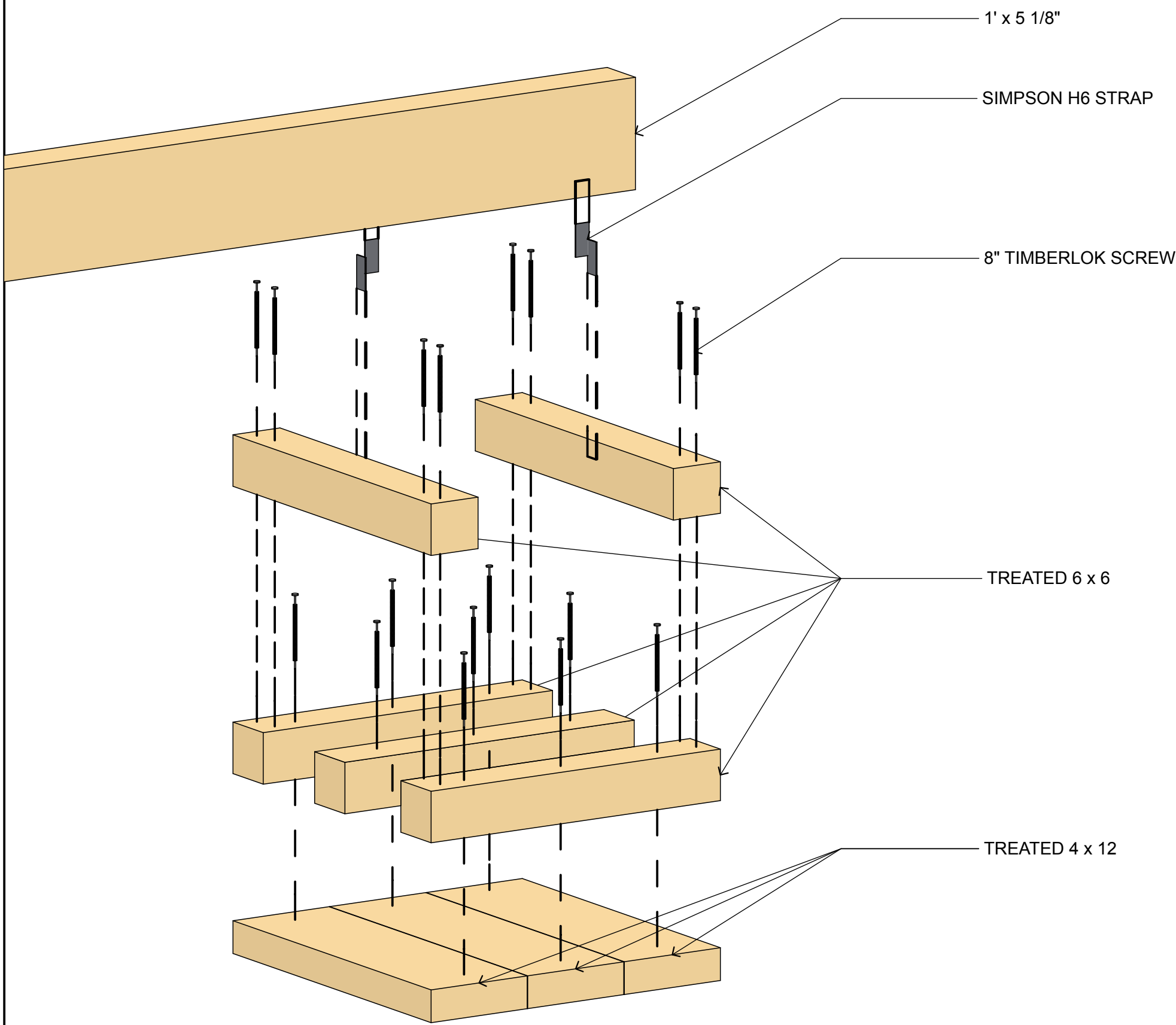
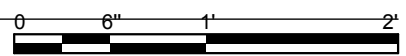
SHEET 1 OF 12



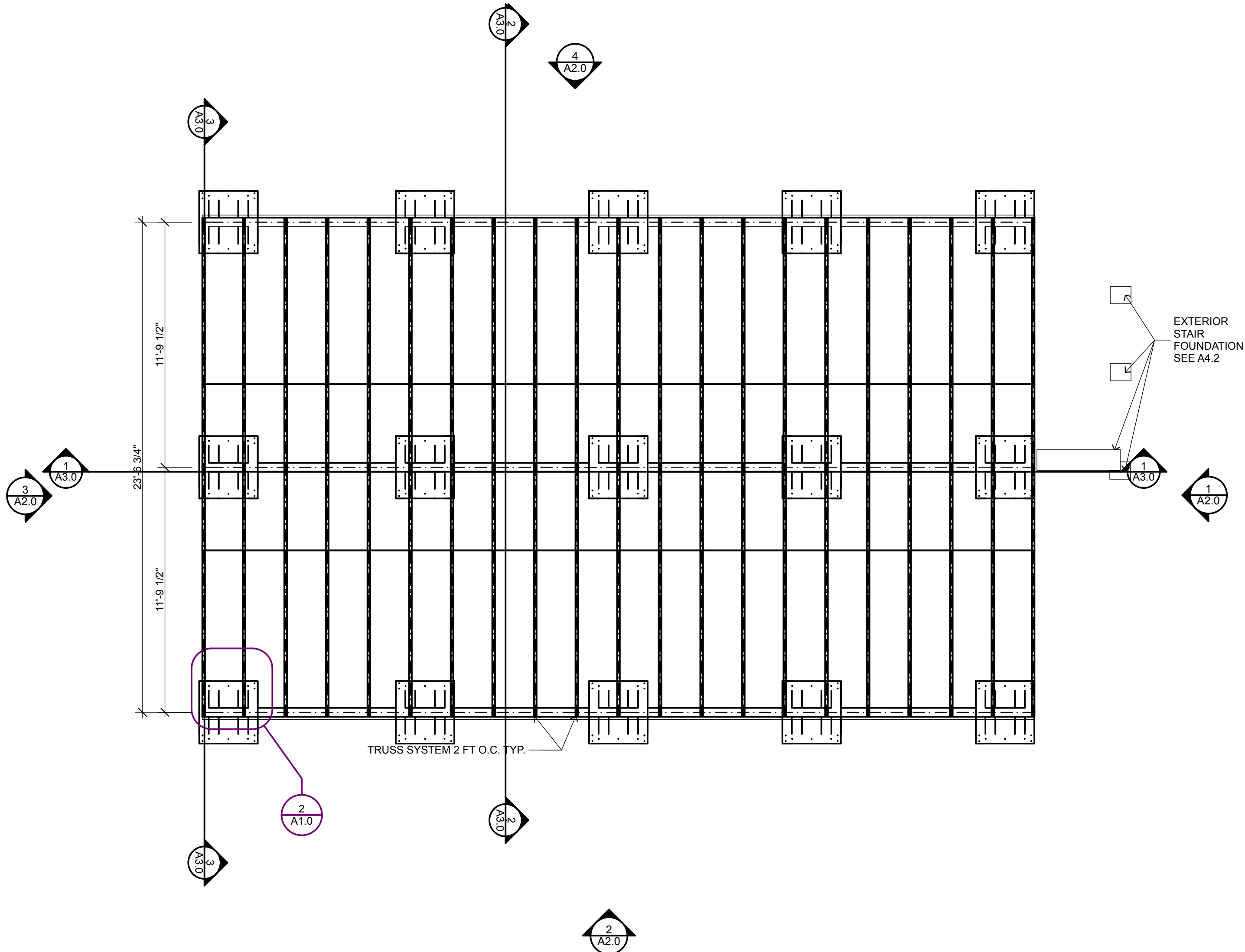
4 3D FRAMING VIEW 01
SCALE: 1:78.65



2 FOUNDATION CRIBBING DETAIL
SCALE: 1" = 1'-0"



3 FOUNDATION CRIBBING AXON
NOT TO SCALE



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



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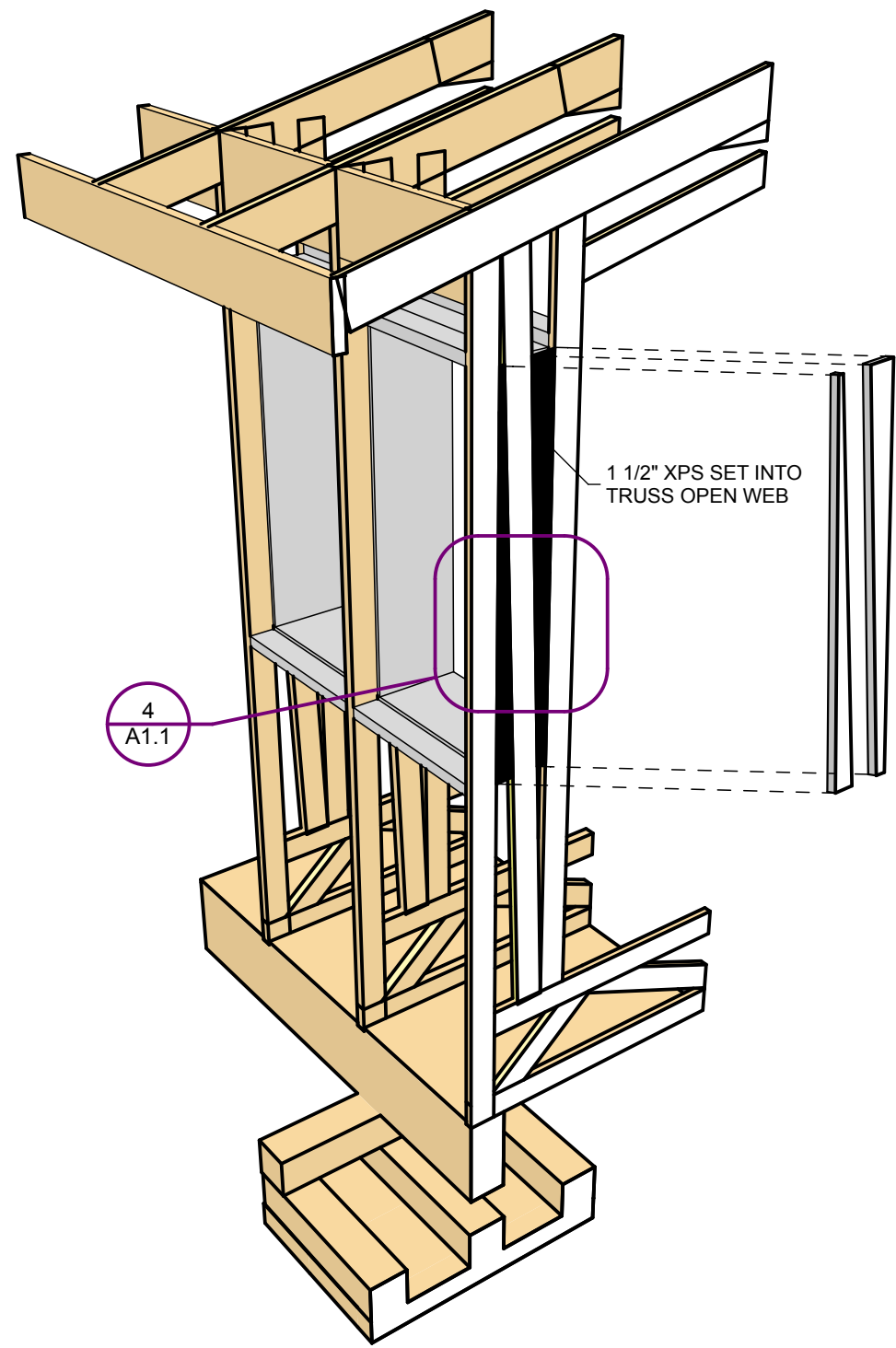


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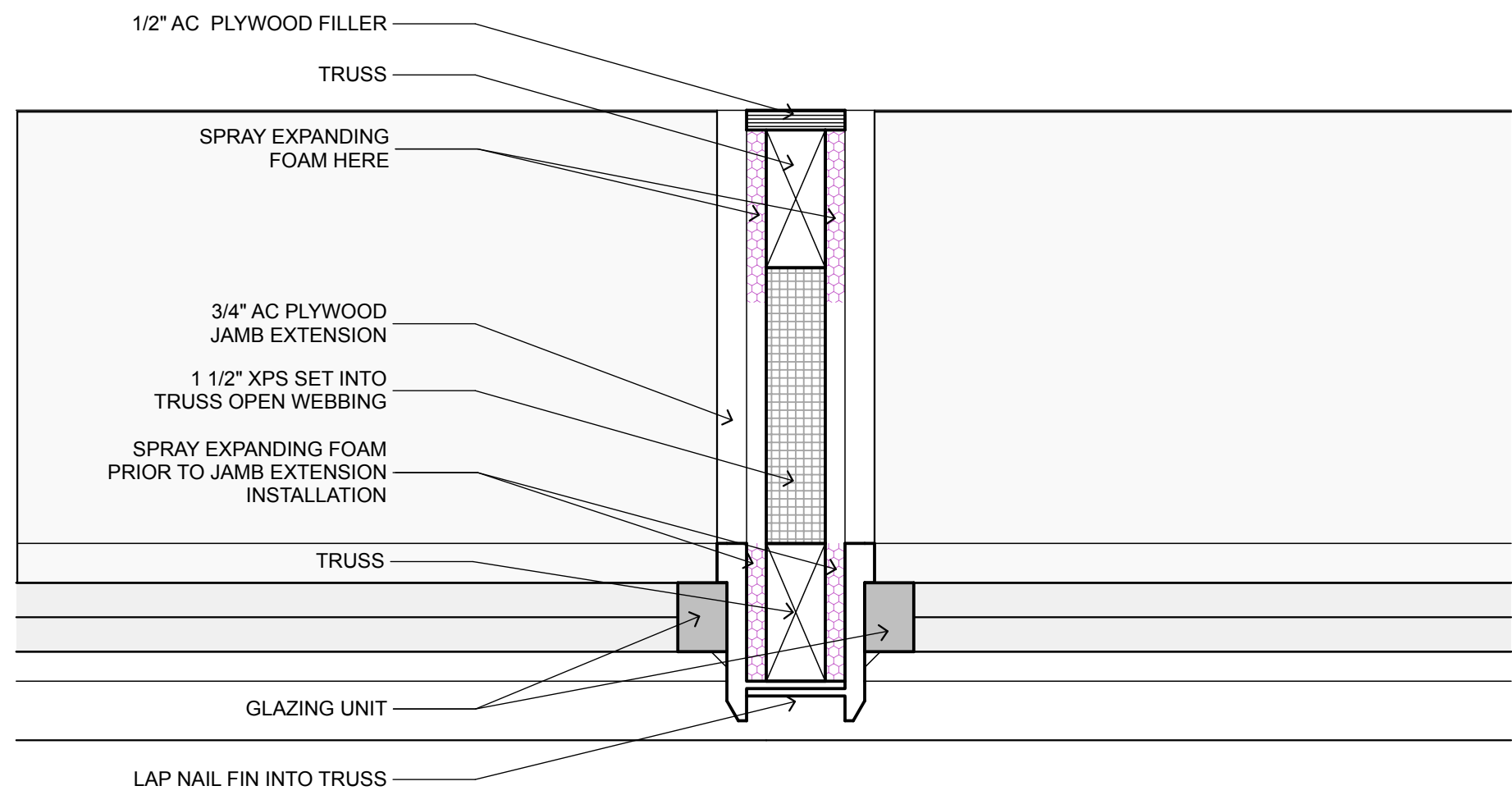
FOUNDATION PLAN

A1.0

SHEET 2 OF 12



5 WINDOW JAMB INSULATION AXON



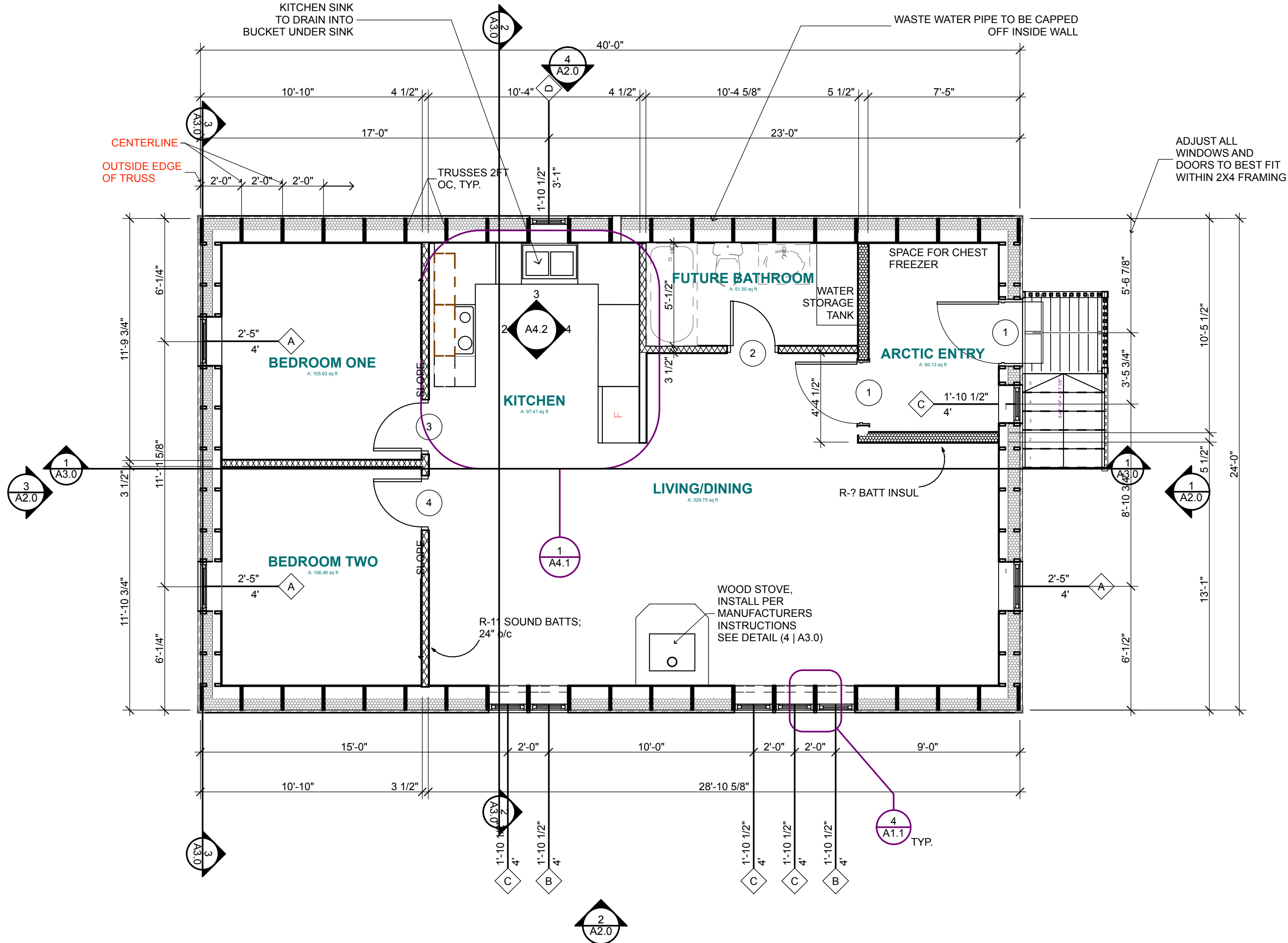
4 WINDOW JAMB INSULATION DETAIL TYP. SCALE: 3" = 1'-0"

WINDOW SCHEDULE						
ID	FRAME TYPE	FRAME WIDTH	FRAME HEIGHT	HINGE	3D FRONT VIEW	QUANTITY
A	PVC	2'-4"	3'-11"	LHOS		3
B	PVC	1'-9 1/2"	3'-11"	LHOS		2
C	PVC	1'-9 1/2"	3'-11"	FIXED		4
D	PVC	1'-9 1/2"	3'	LHOS		1

2 WINDOW SCHEDULE

DOOR SCHEDULE						
ID	FRAME TYPE	WIDTH	HEIGHT	HINGE	3D Front View	Quantity
1	METAL INSULATED	3'	6'-8"	RHIS		2
2	SOLID CORE WOOD DOOR	2'-6"	6'-8"	LHIS		1
3 / 4	SOLID CORE WOOD DOOR	2'-8"	6'-8"	(3)LHIS (4)RHIS		2

3 DOOR SCHEDULE



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

General Notes

FOR ALL WINDOWS PLACED BETWEEN TRUSSES SEE DETAIL 4 ON SHEET A 1.2

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REPLACEMENT HOUSING

TWO BEDROOM HOUSE

VILLAGE OF CROOKED CREEK

CROOKED CREEK, AK

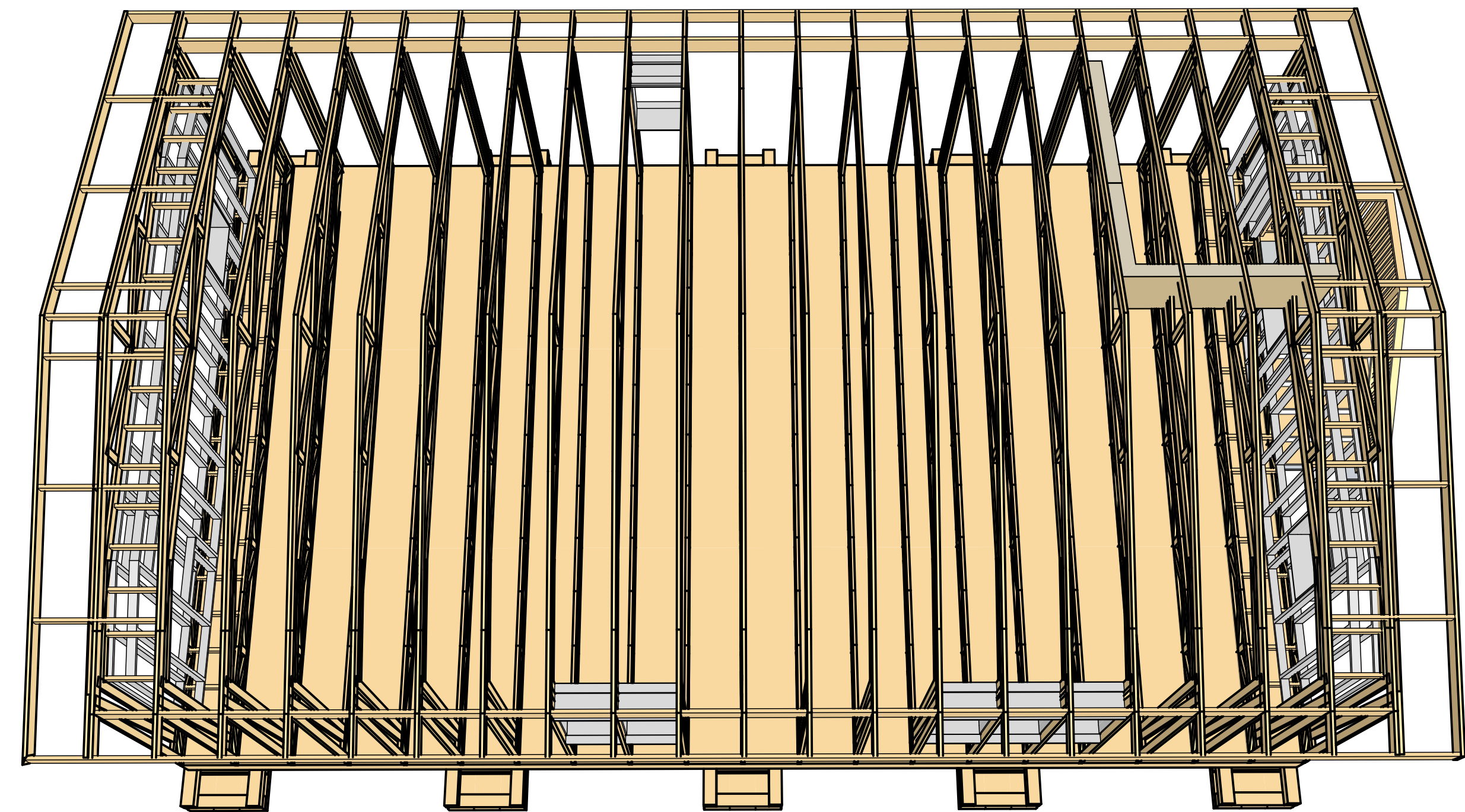
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FIRST FLOOR PLAN

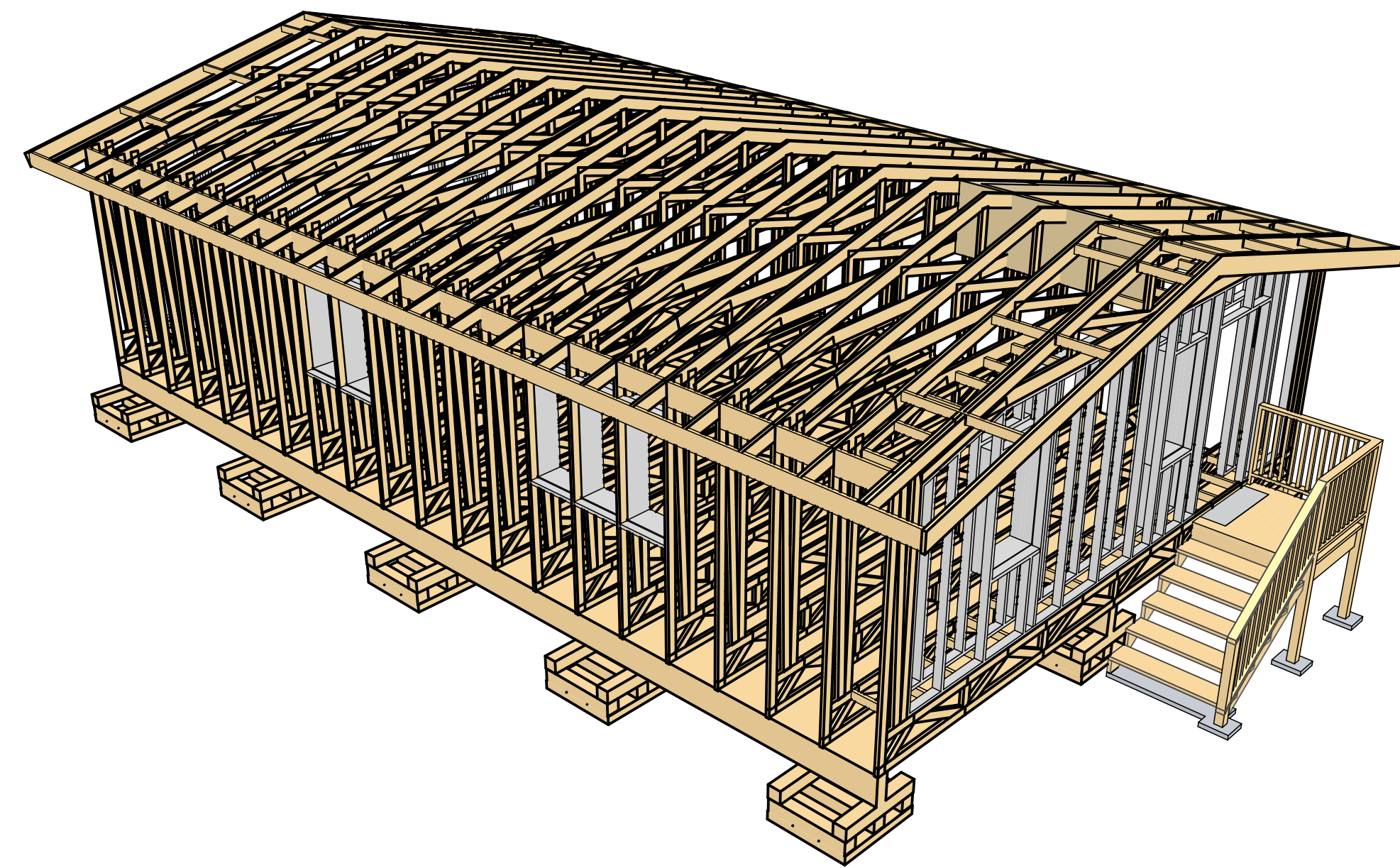
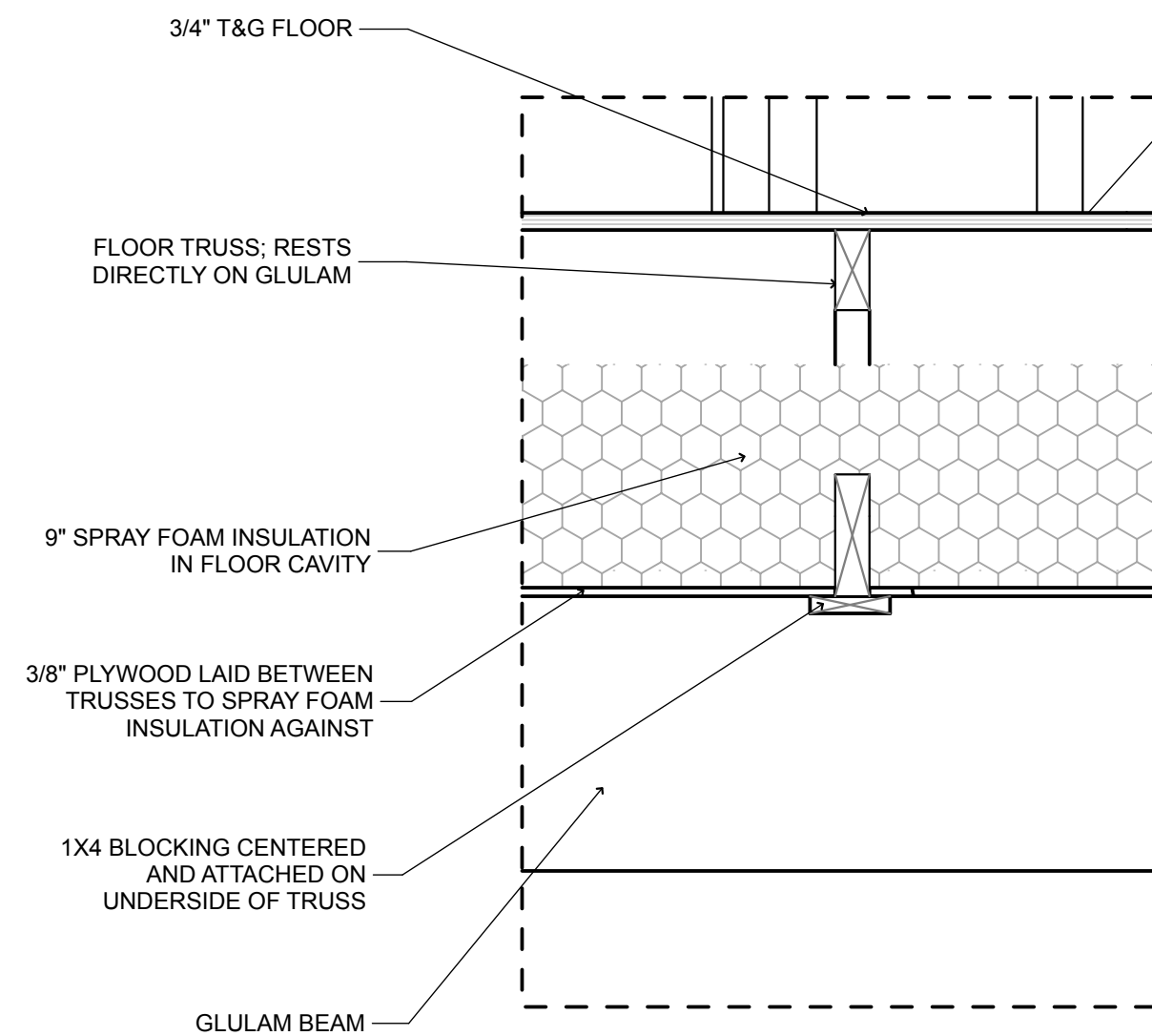
A1.1

SHEET 3 OF 12



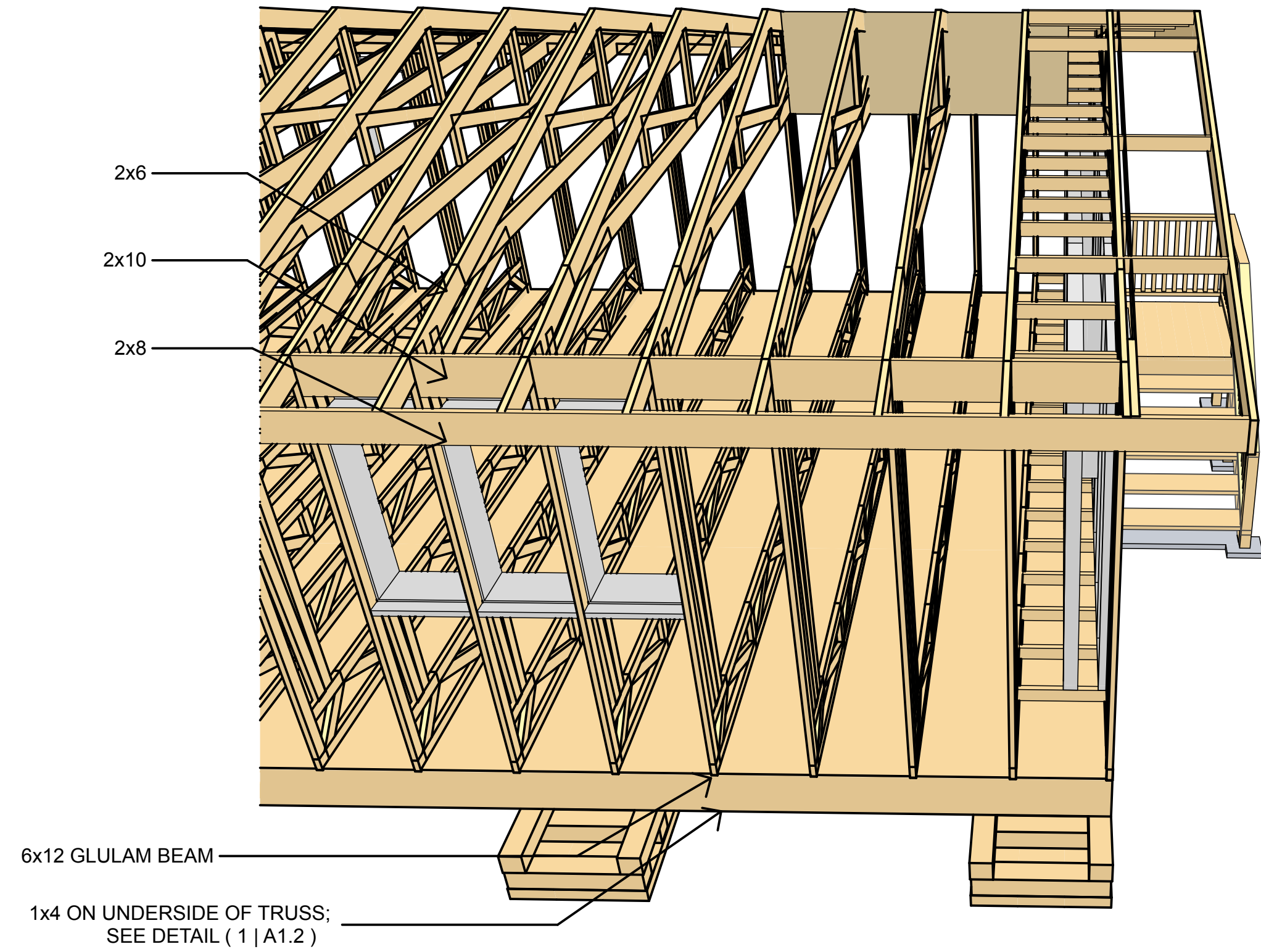
2 FRAMING 02

1 PLYWOOD BLOCKING DETAIL
SCALE: 1 1/2" = 1'-0"



1 FRAMING AXON

3 FRAMING DETAIL

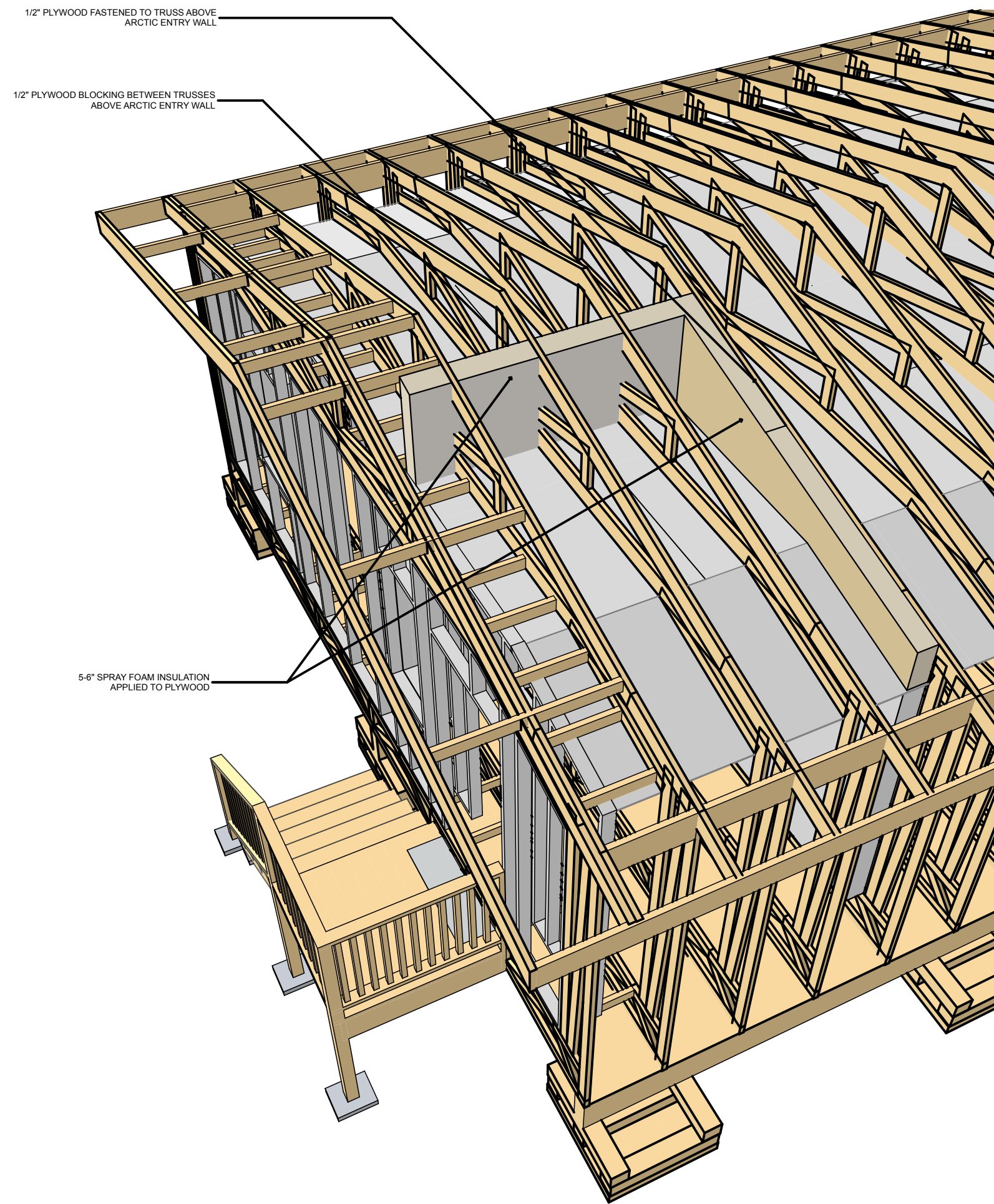


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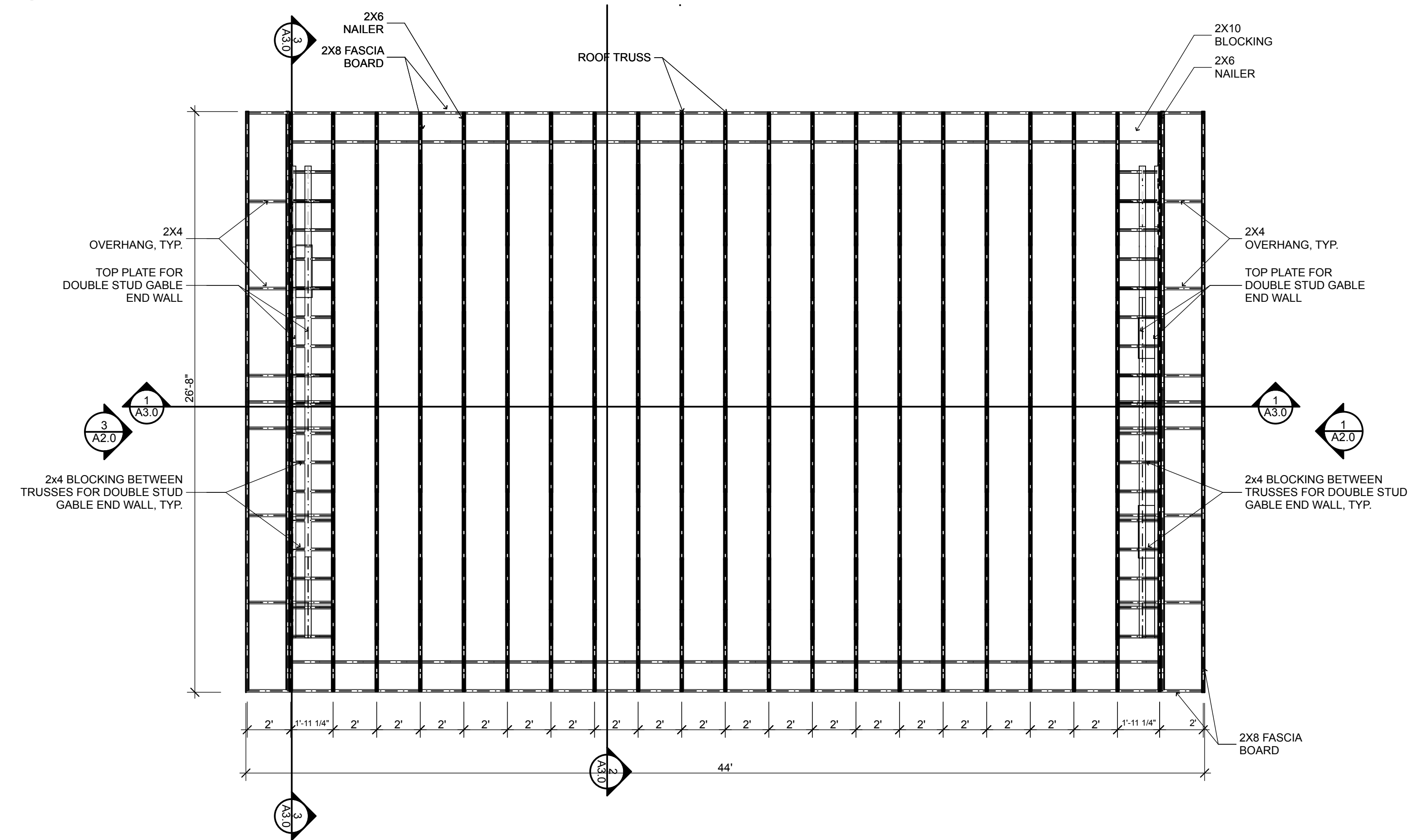
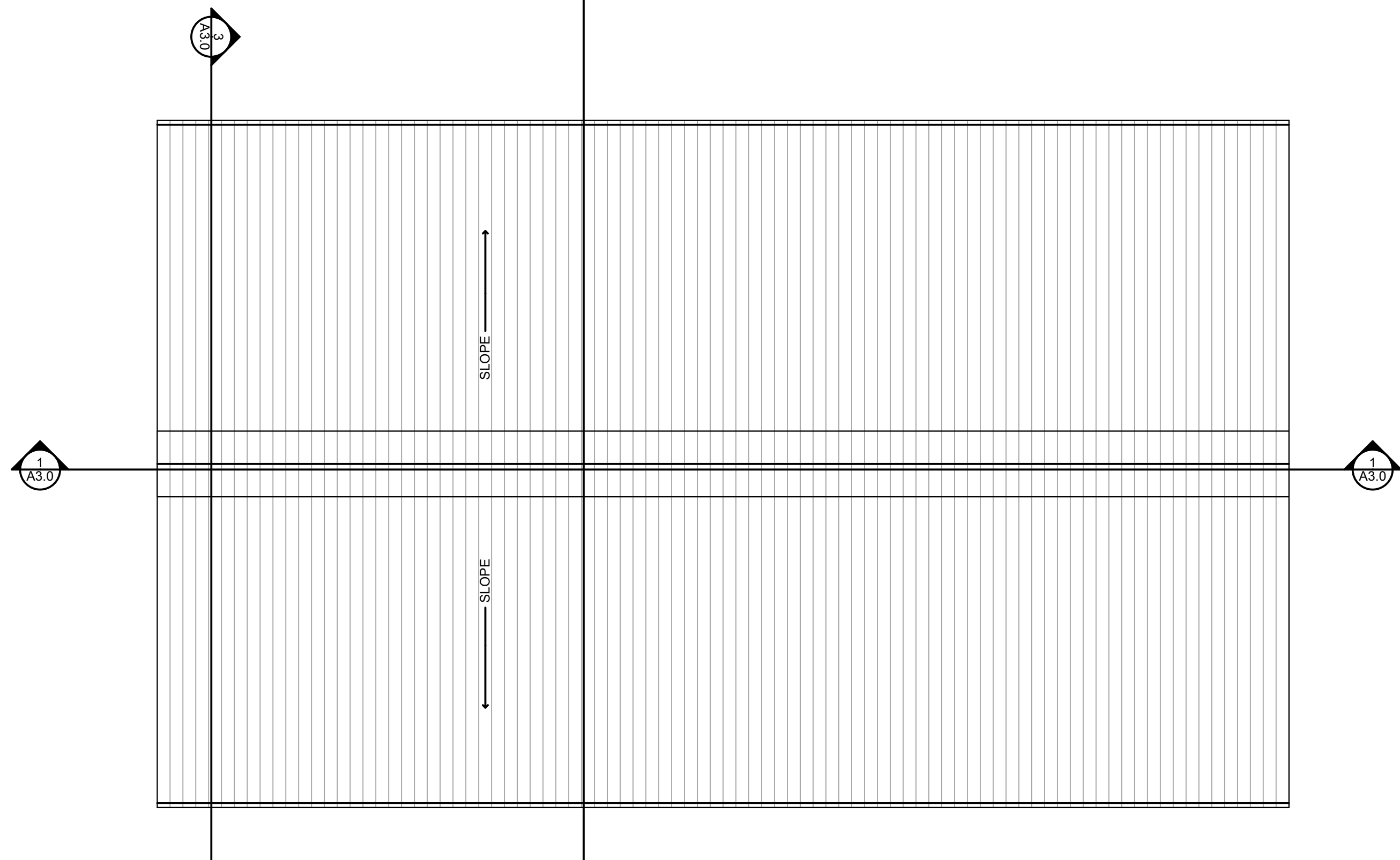
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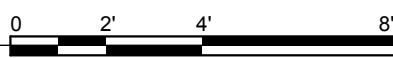


3 ATTIC INSULATION ABOVE ARCTIC ENTRY
NOT TO SCALE

1 WINDOW SCHEDULE



1 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



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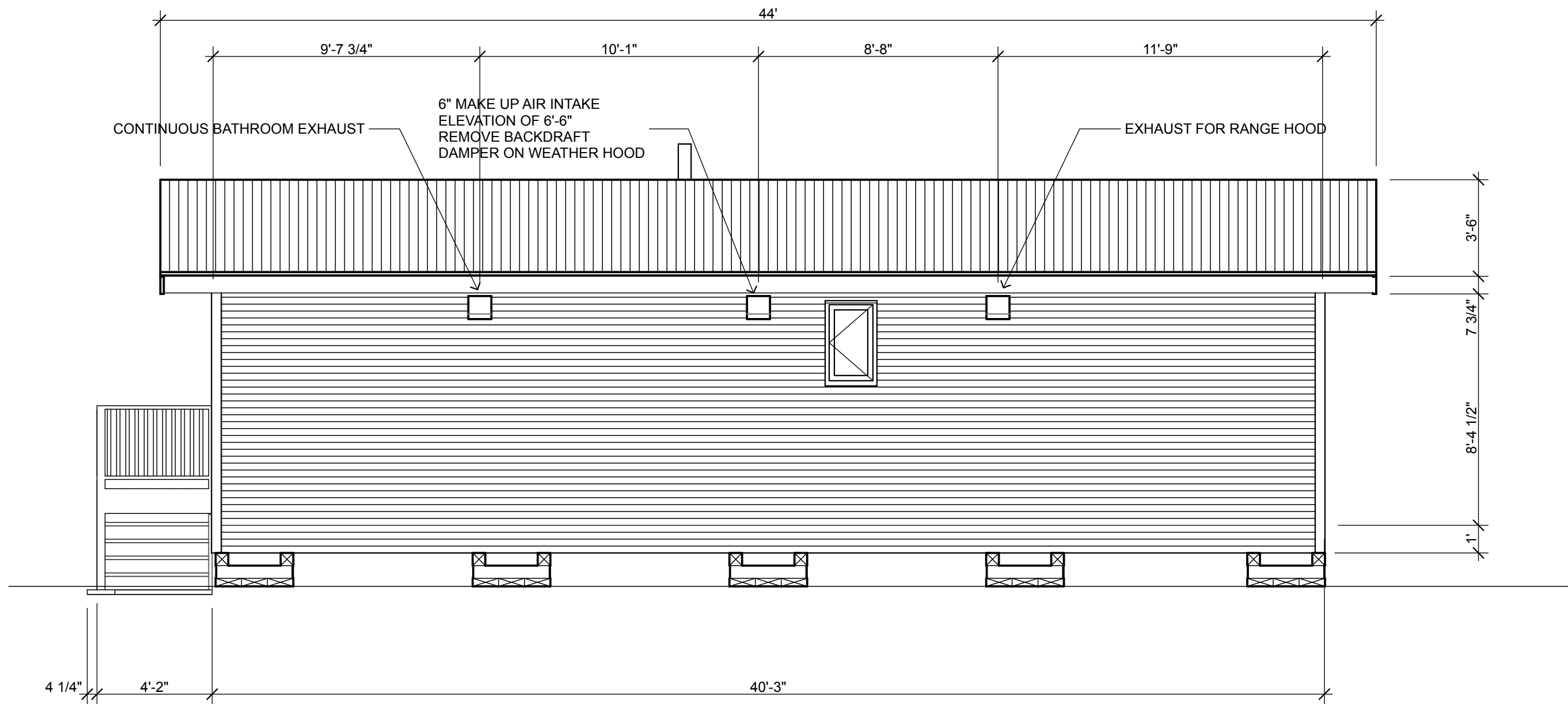
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ROOF FRAMING
PLAN

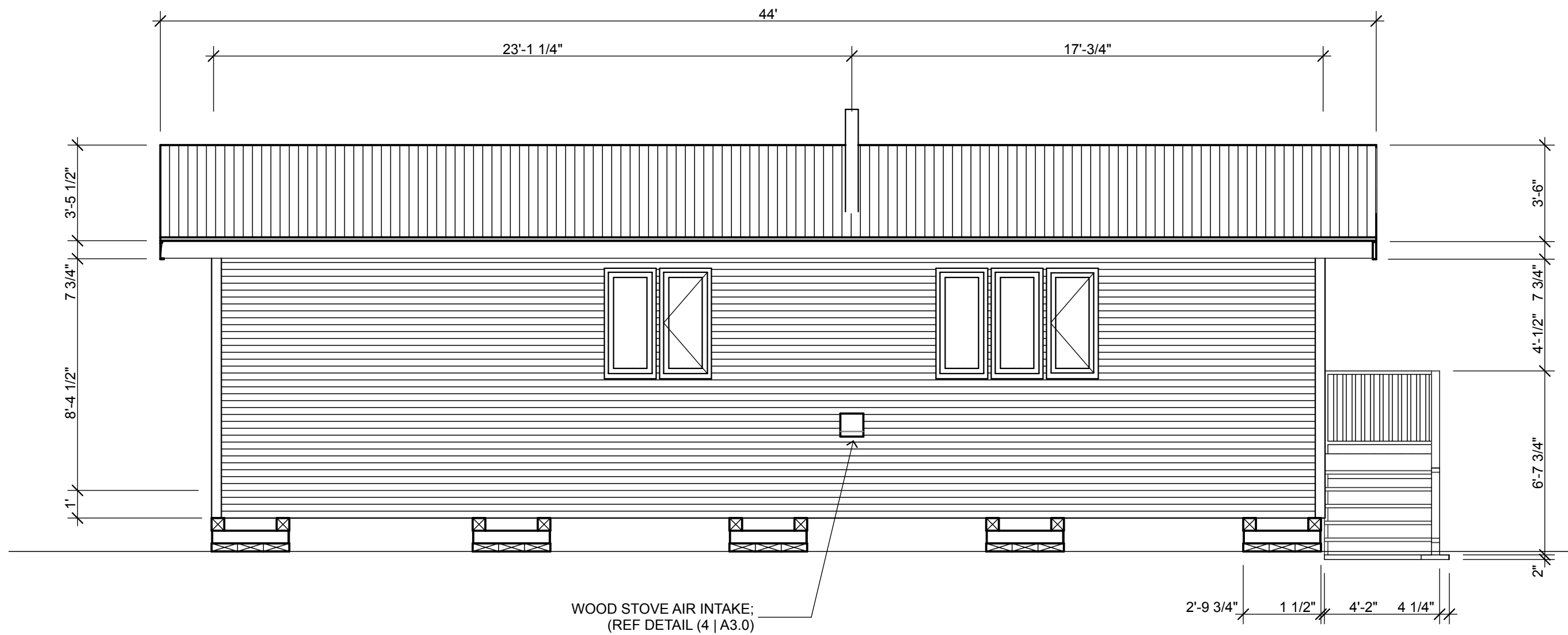
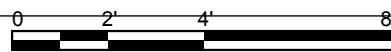
A1.3

SHEET 5 OF 12



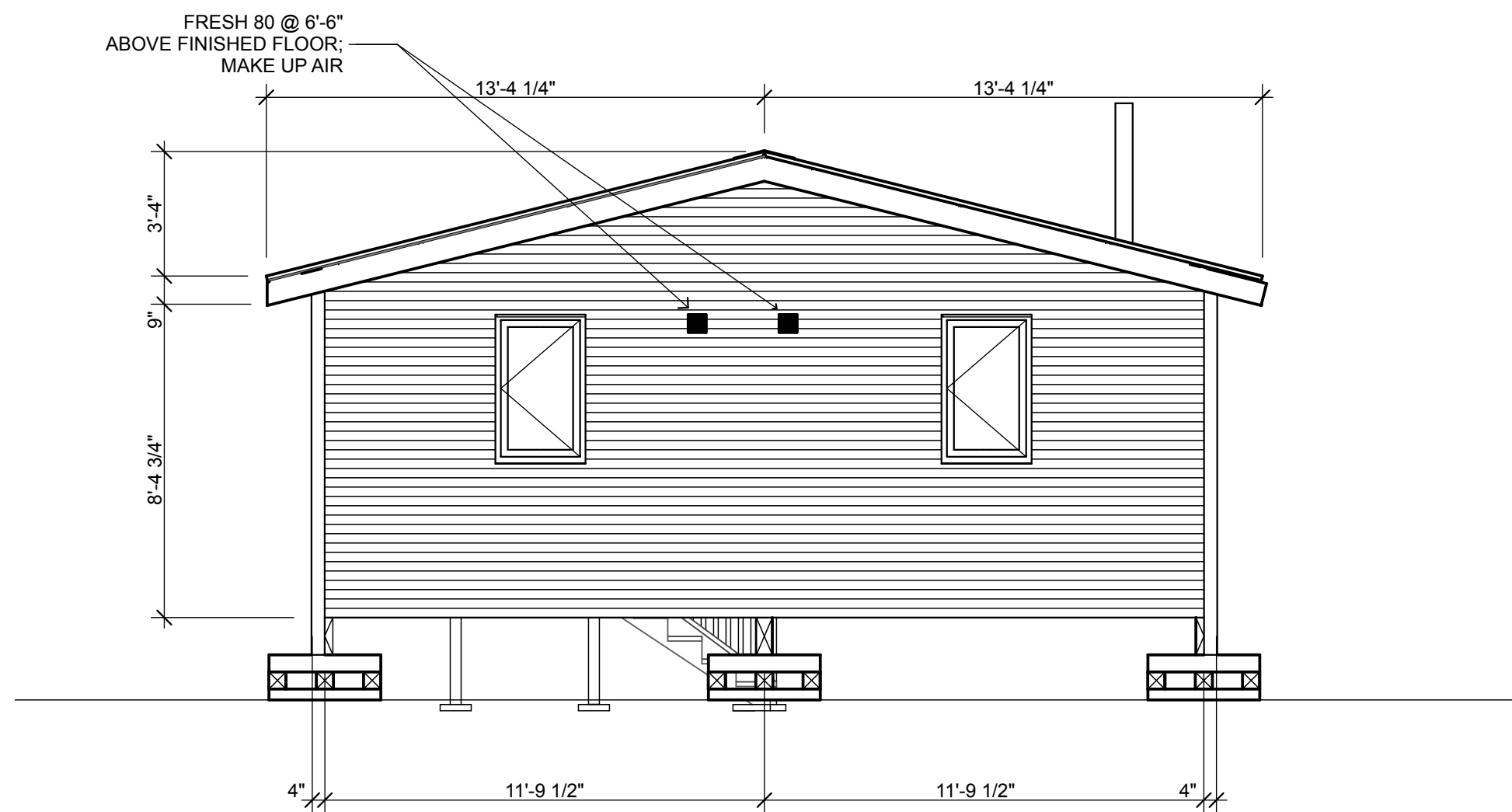
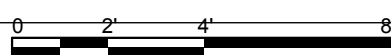
4 ELEVATION 4- SIDE

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



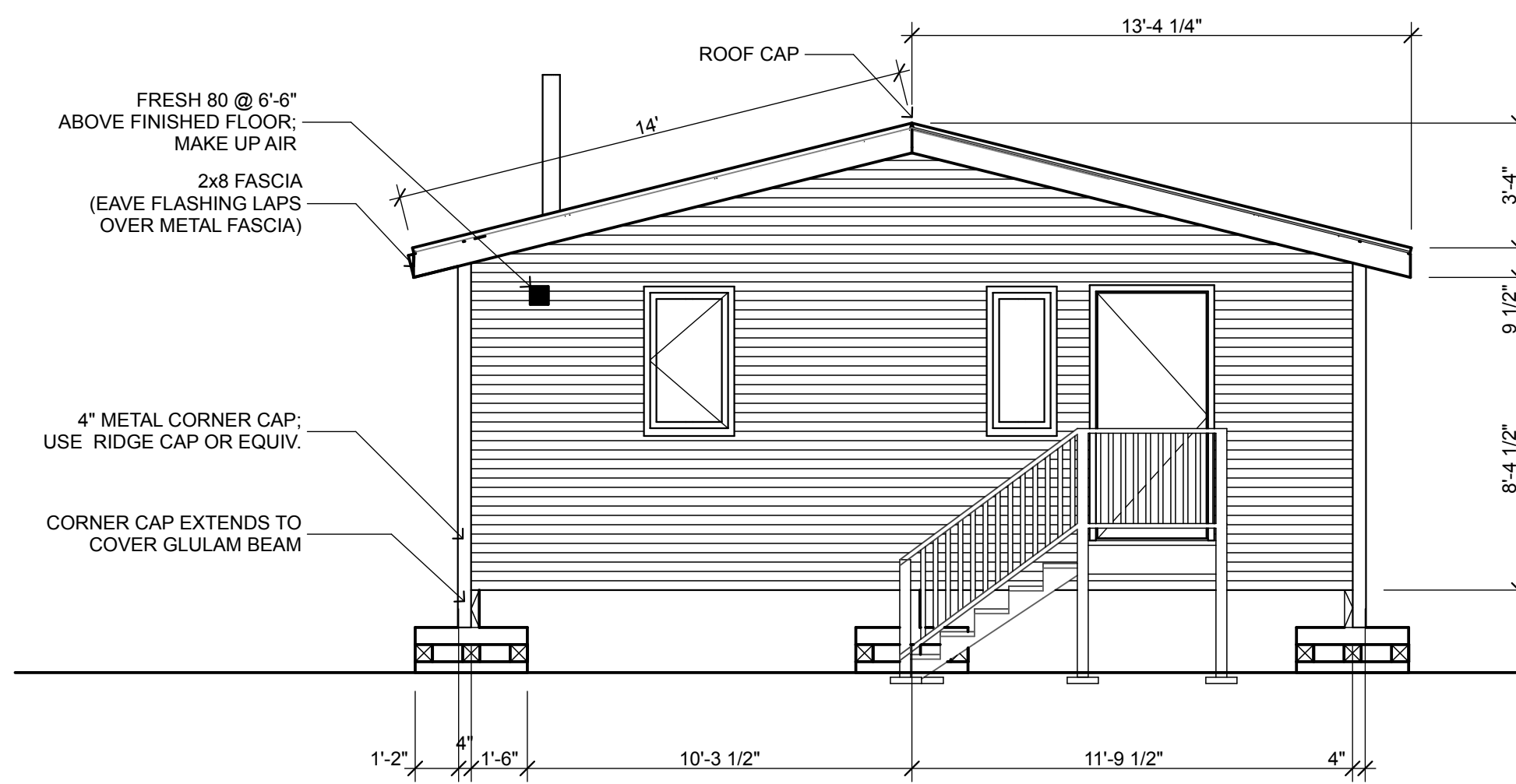
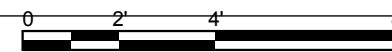
2 ELEVATION 2- SIDE

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



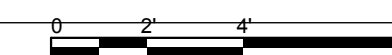
3 ELEVATION 3- BACK

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



1 ELEVATION 1- FRONT ENTRY

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



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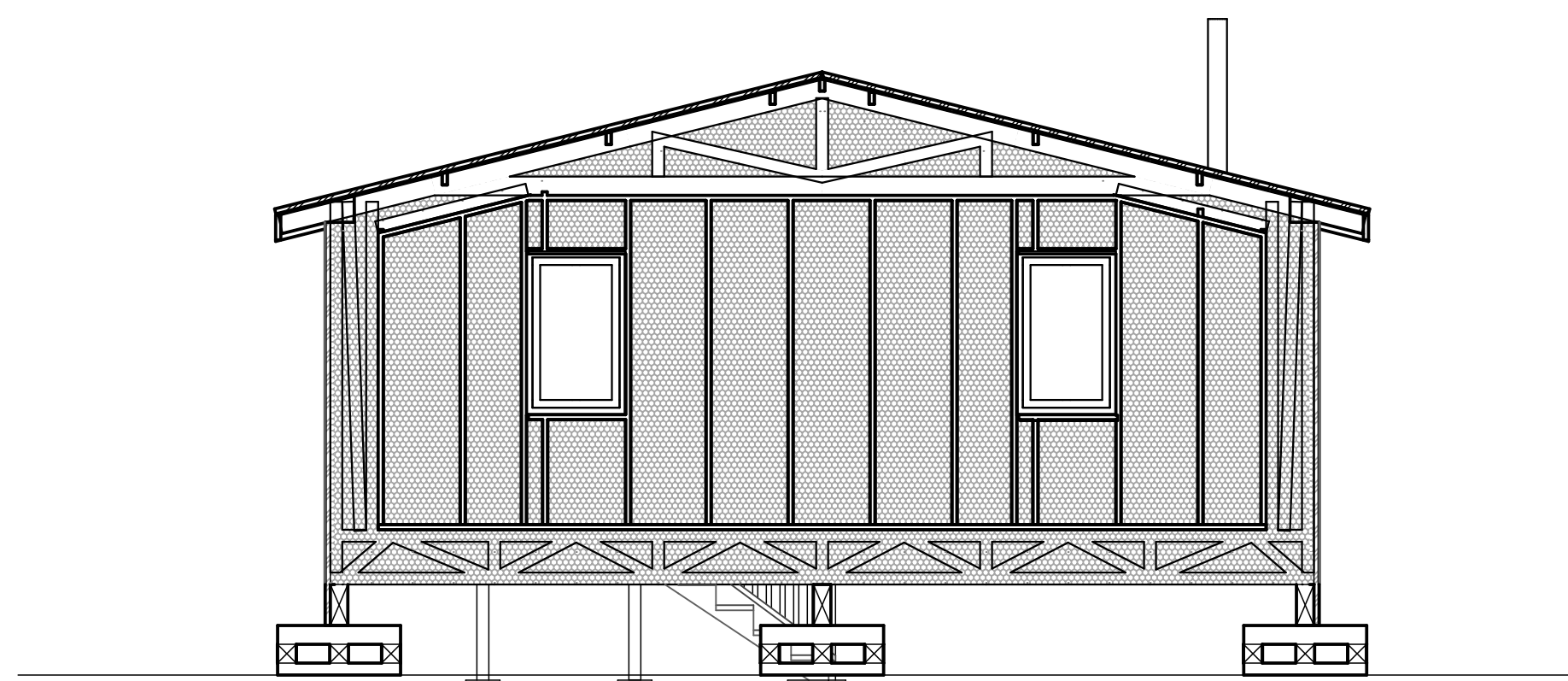


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ELEVATIONS

A2.0

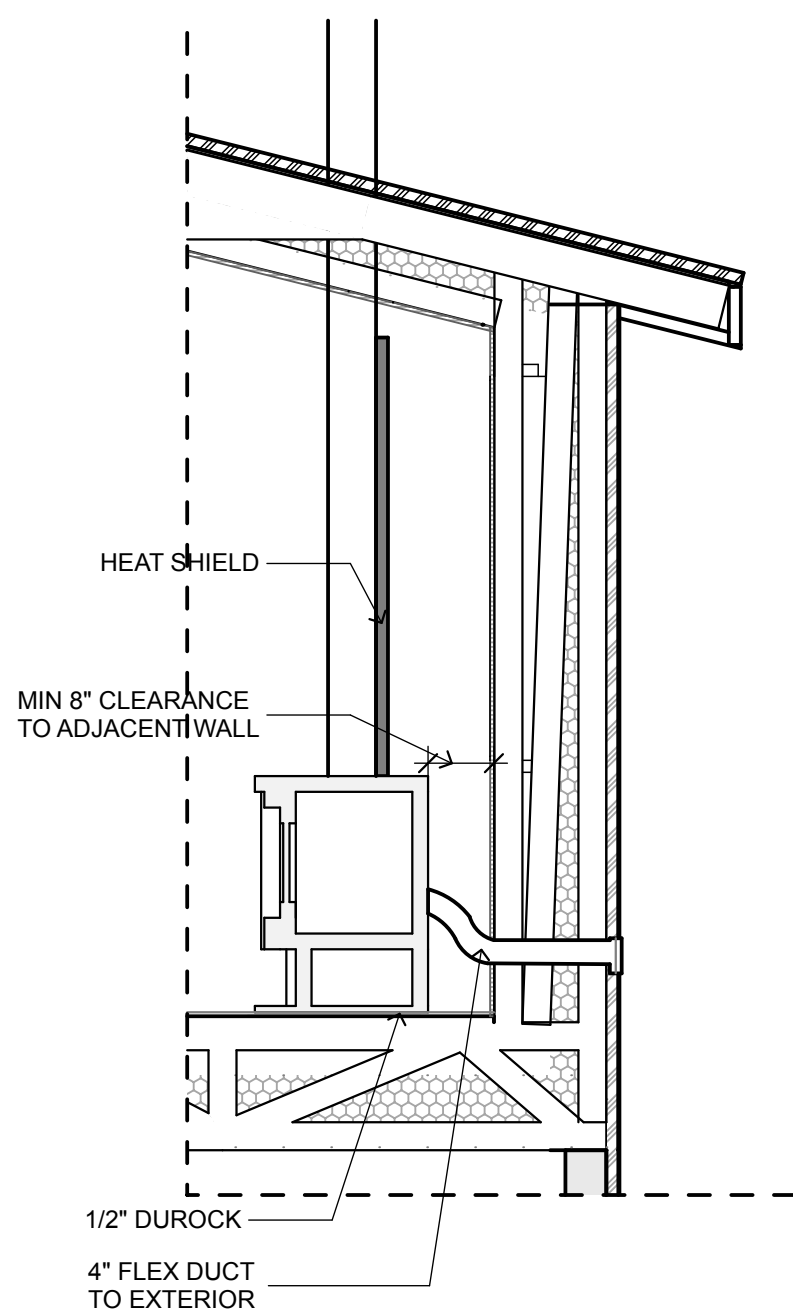
SHEET 6 OF 12



3

SECTION THROUGH GABLE END WALL

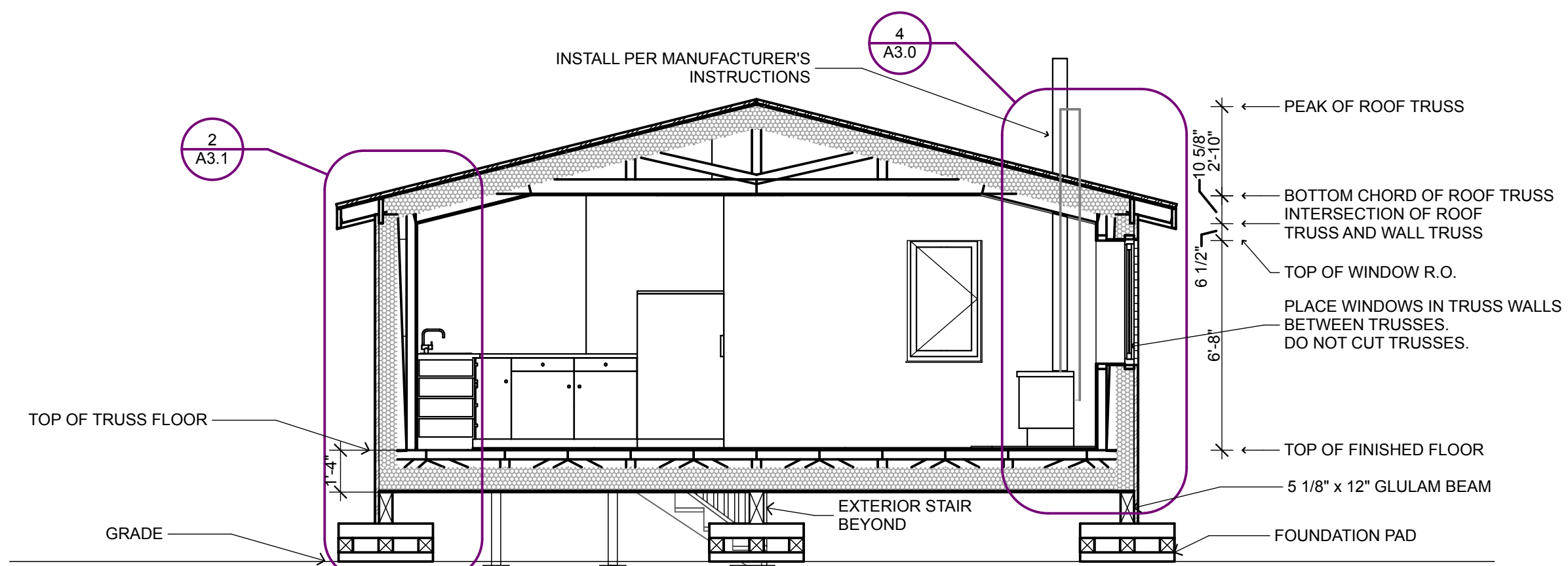
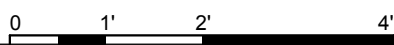
SCALE: 1/4" = 1'-0"



4

WOOD STOVE AIR INTAKE

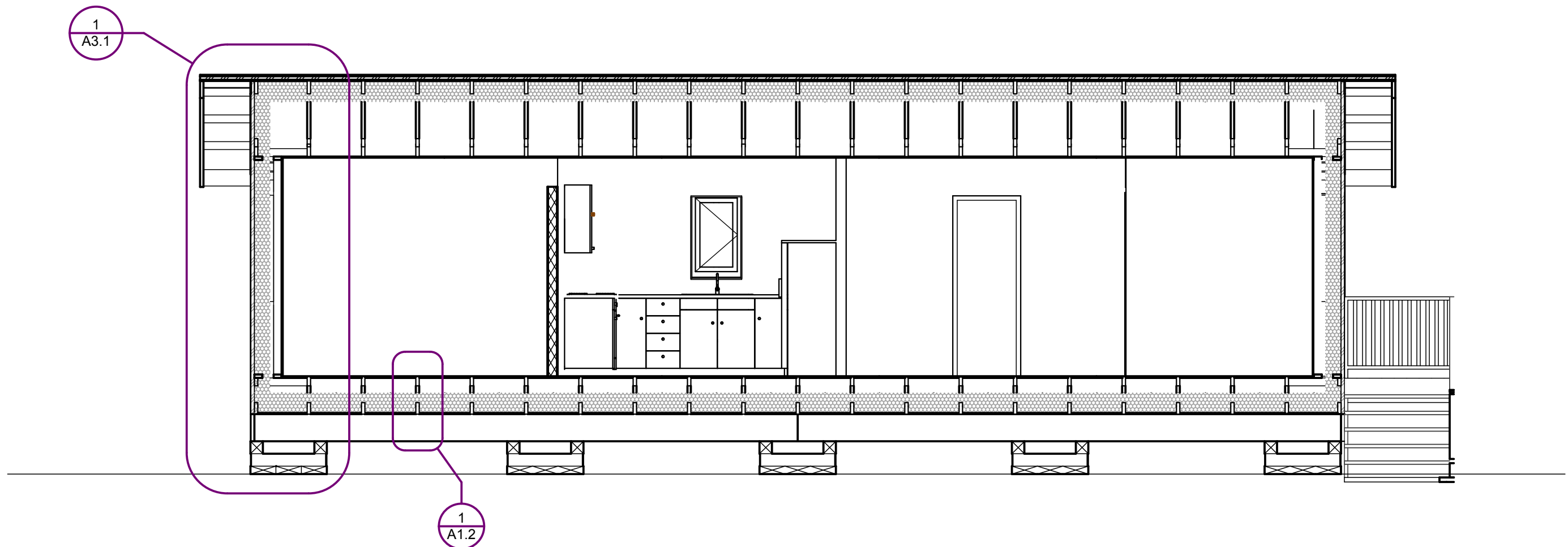
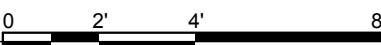
SCALE: 1/2" = 1'-0"



2

SECTION

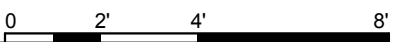
SCALE: 1/4" = 1'-0"



1

SECTION

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



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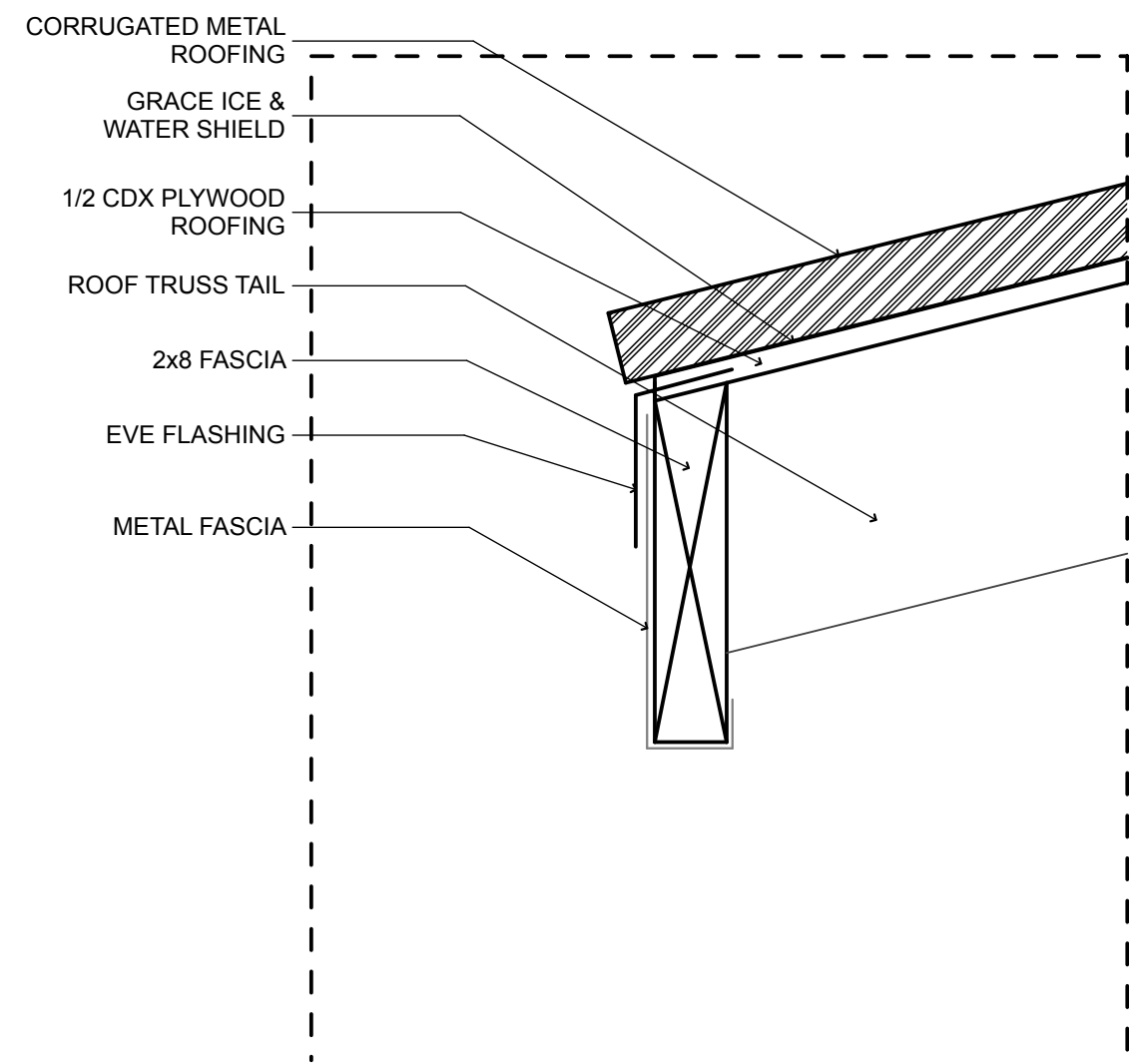


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BUILDING
SECTIONS

A3.0

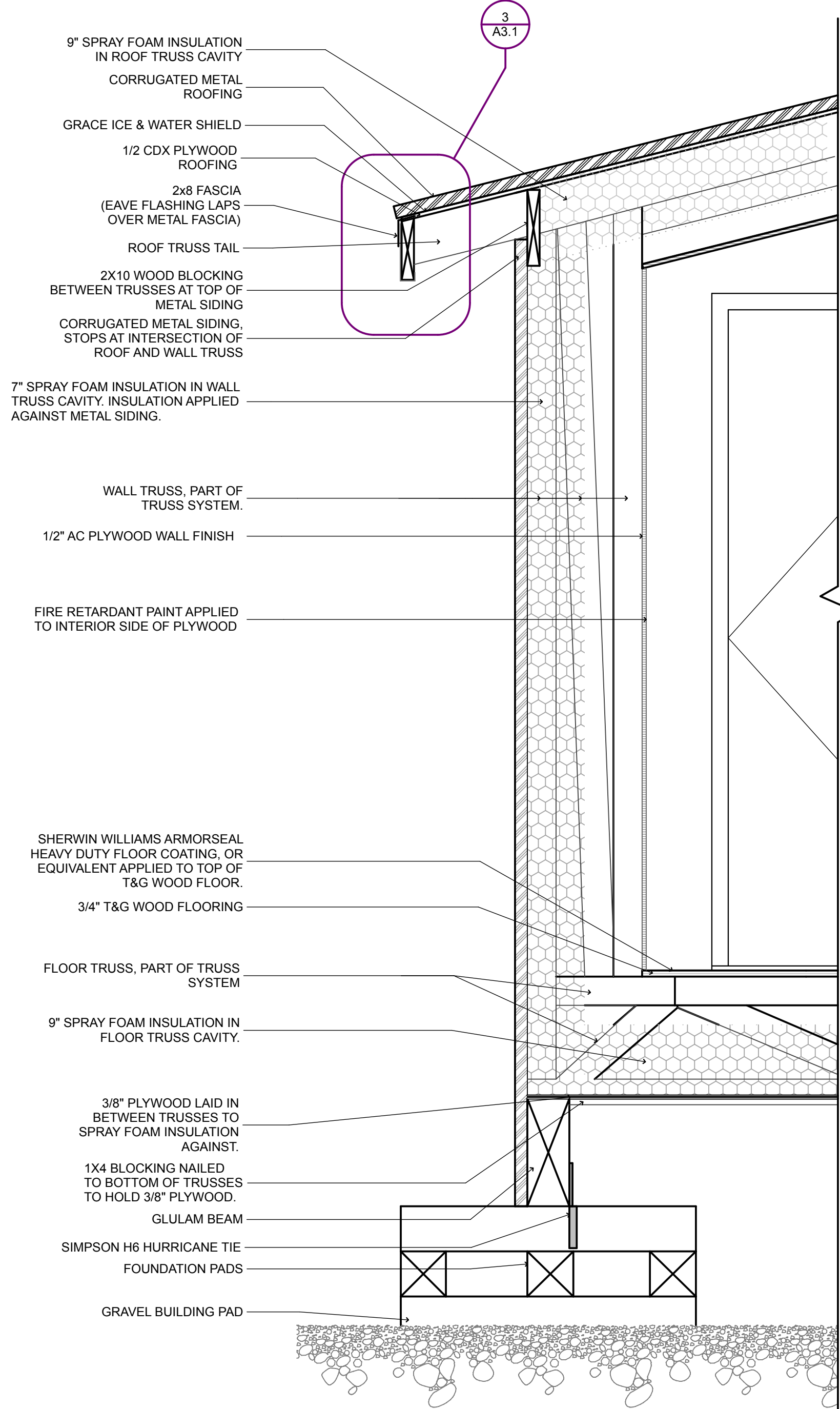
SHEET 7 OF 12



3

FASCIA DETAIL

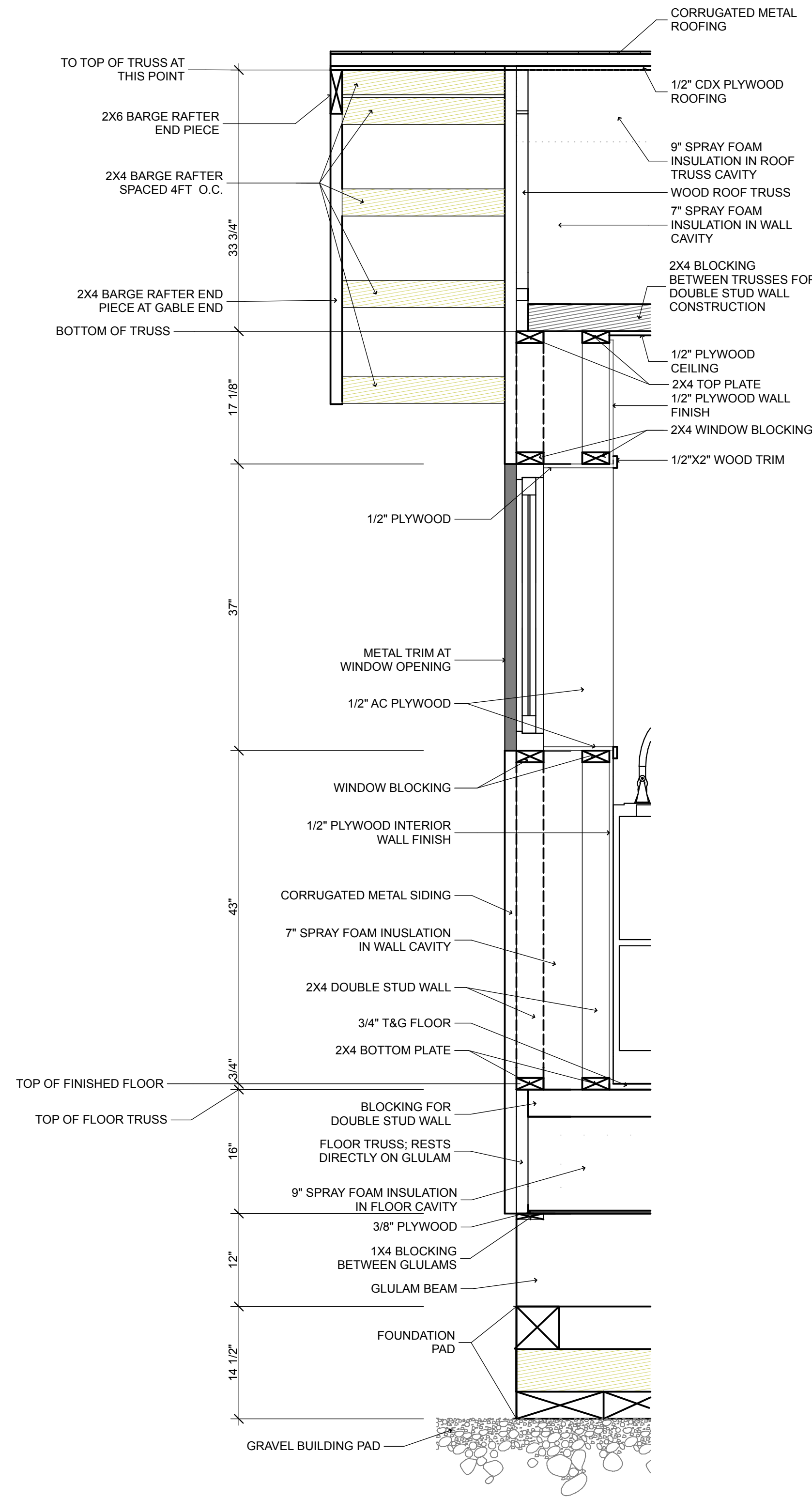
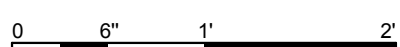
SCALE: 3" = 1'-0"



2

TRUSS WALL SECTION

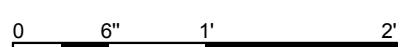
SCALE: 1" = 1'-0"



1

GABLE END WALL SECTION

SCALE: 1" = 1'-0"



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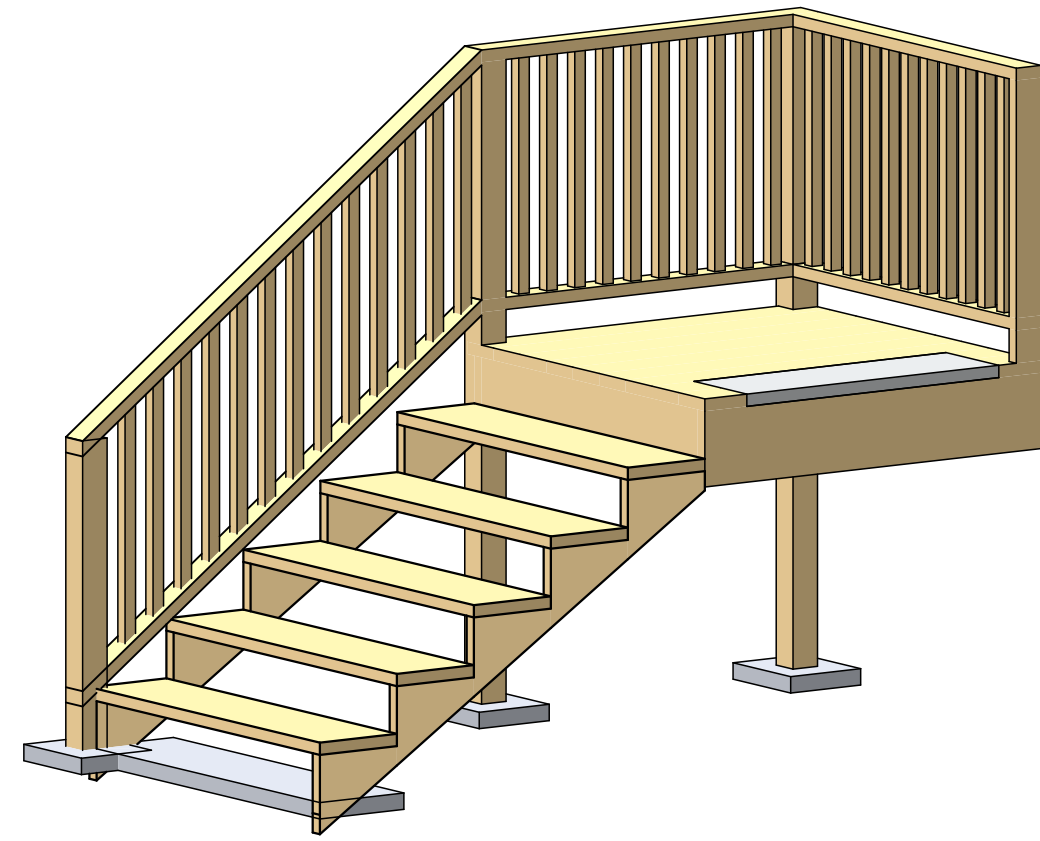
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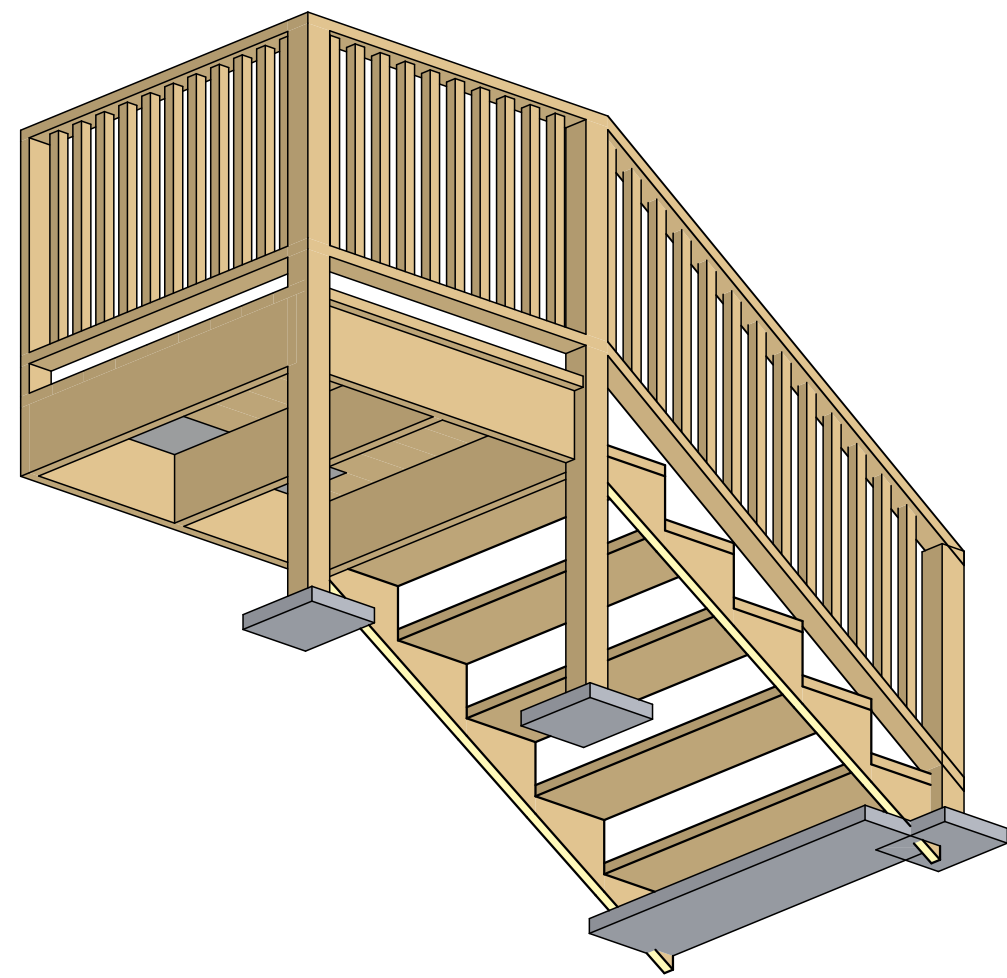
WALL SECTIONS

A3.1

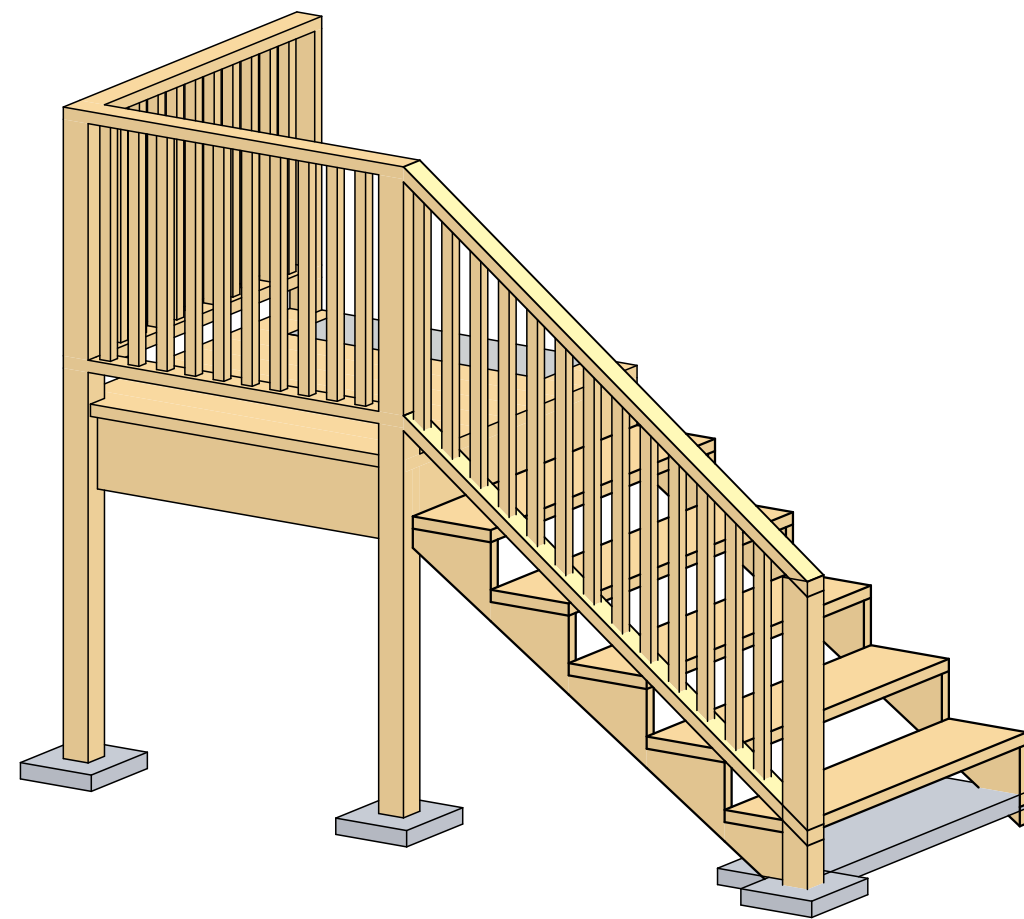
SHEET 8 OF 12



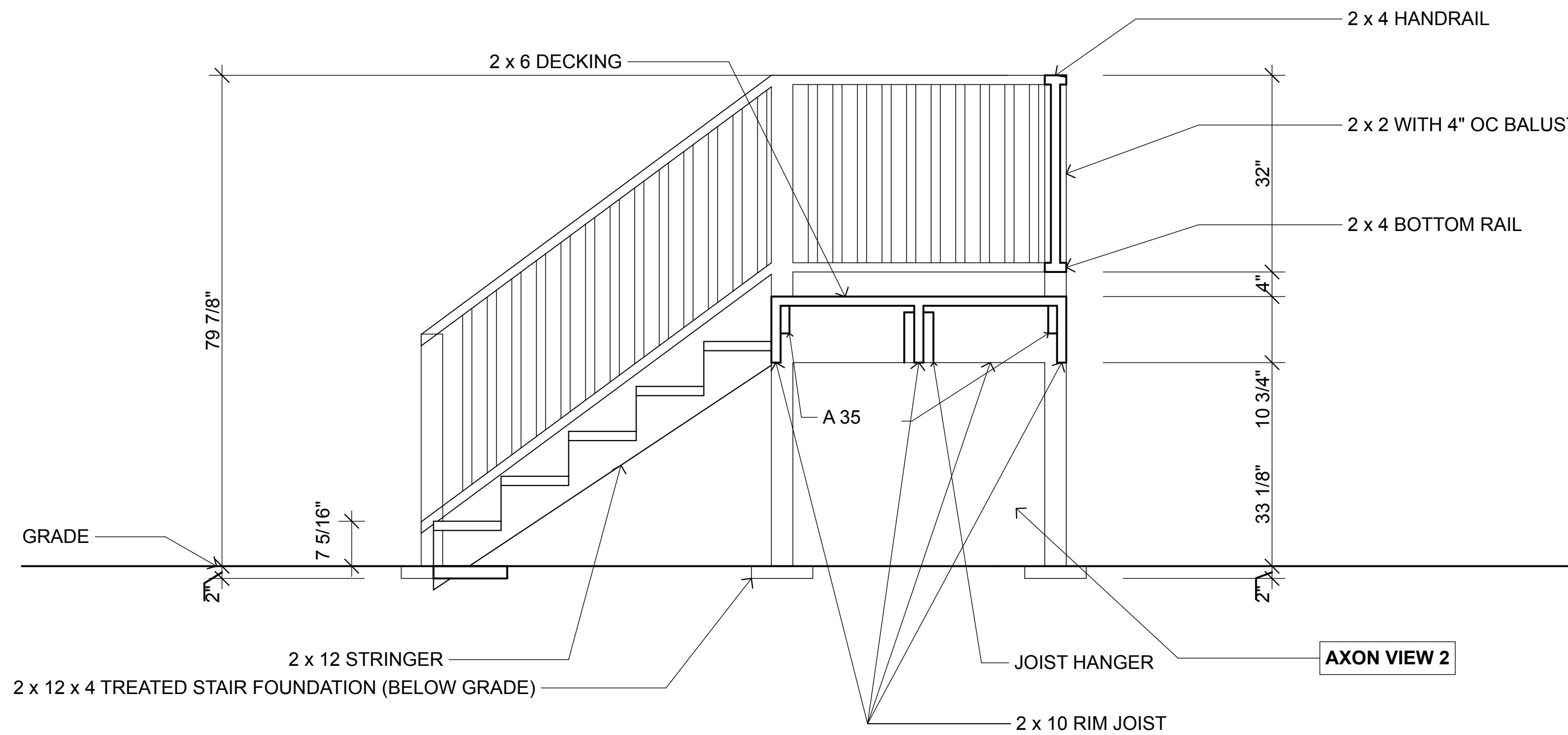
1 View from the House to the Exterior
NOT TO SCALE



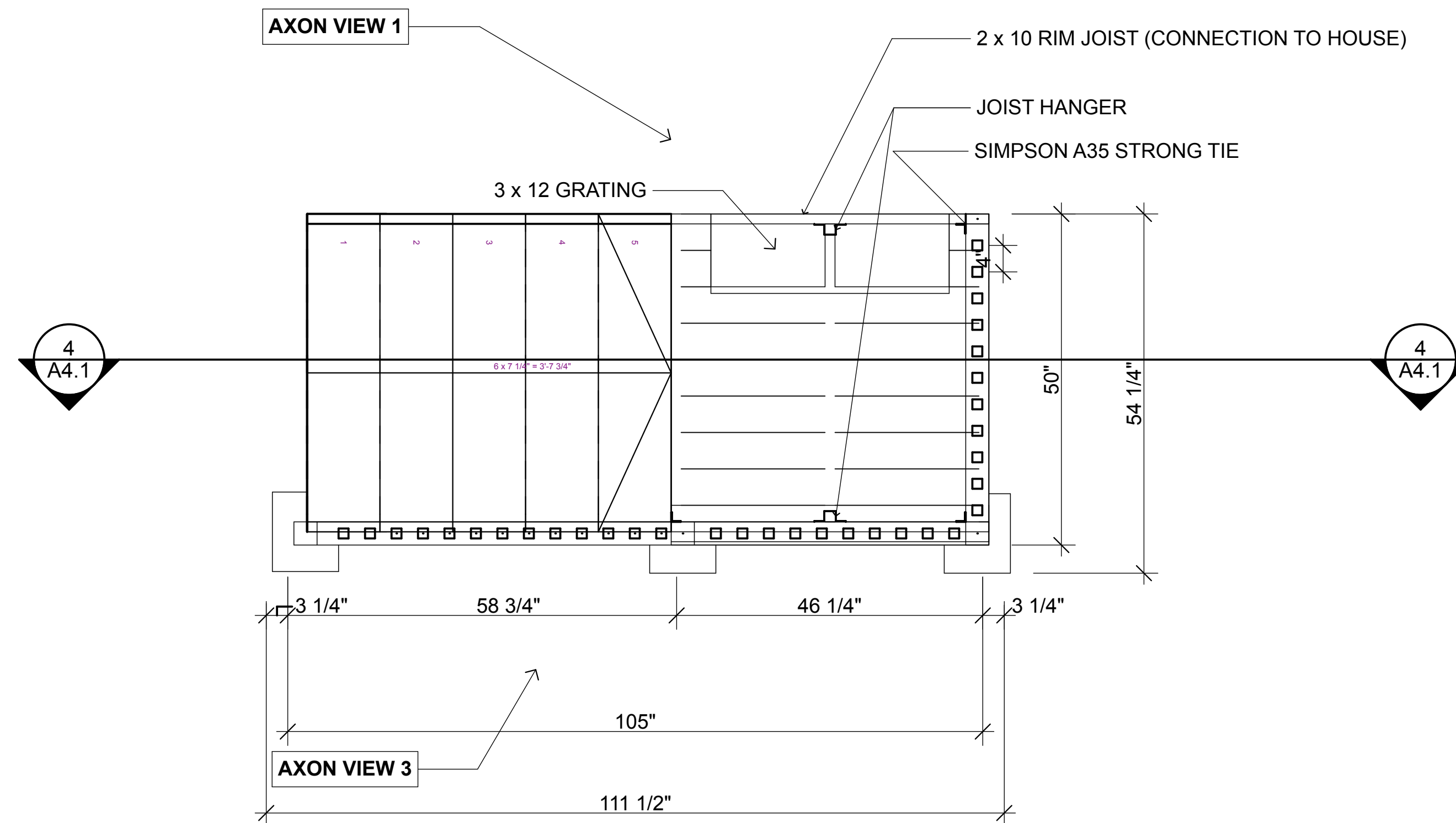
1 View Underneath the Stairs
NOT TO SCALE



1 Approaching the Stairs
NOT TO SCALE



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



5 STAIR PLAN
SCALE: 3/4" = 1'-0"

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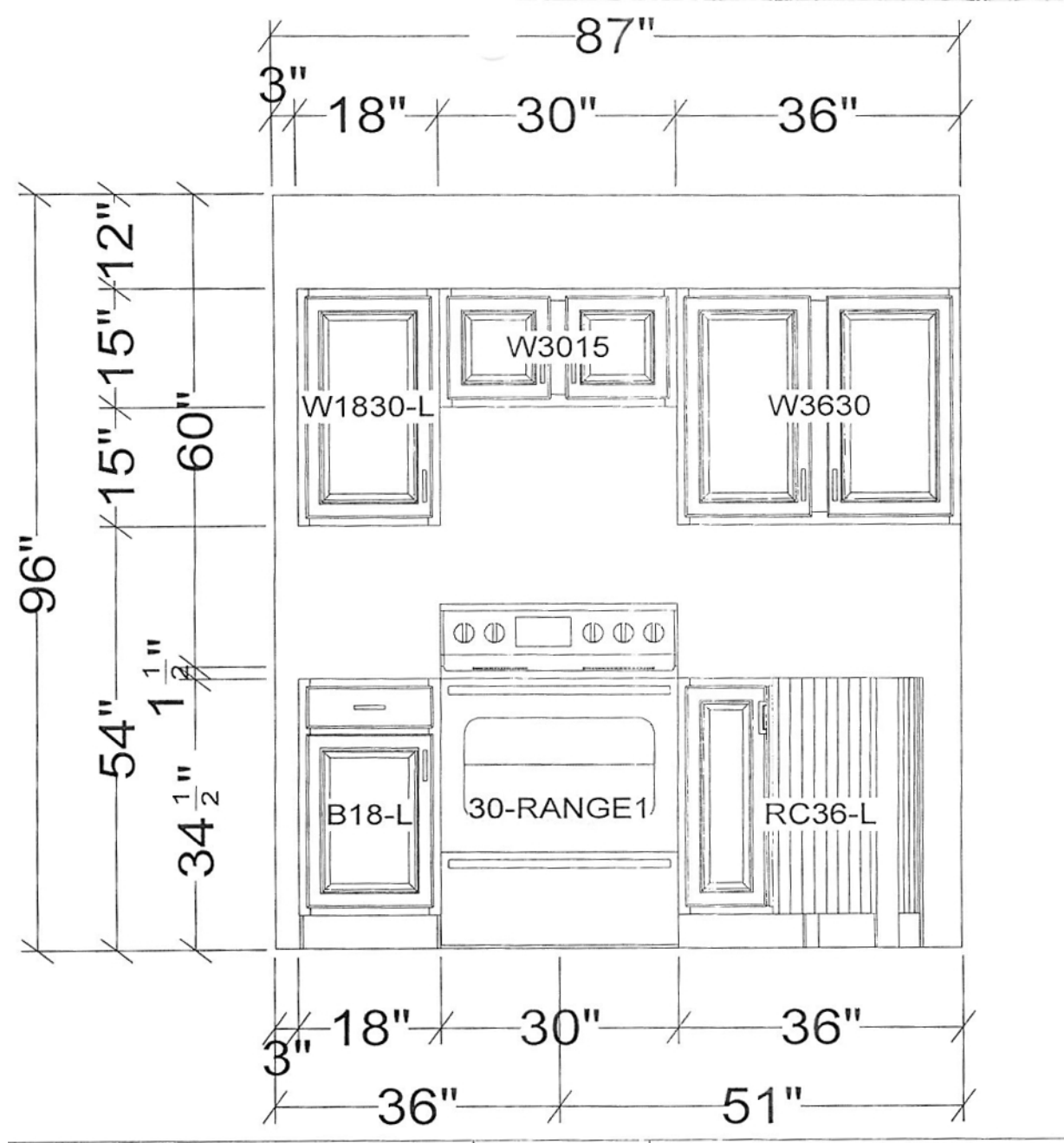
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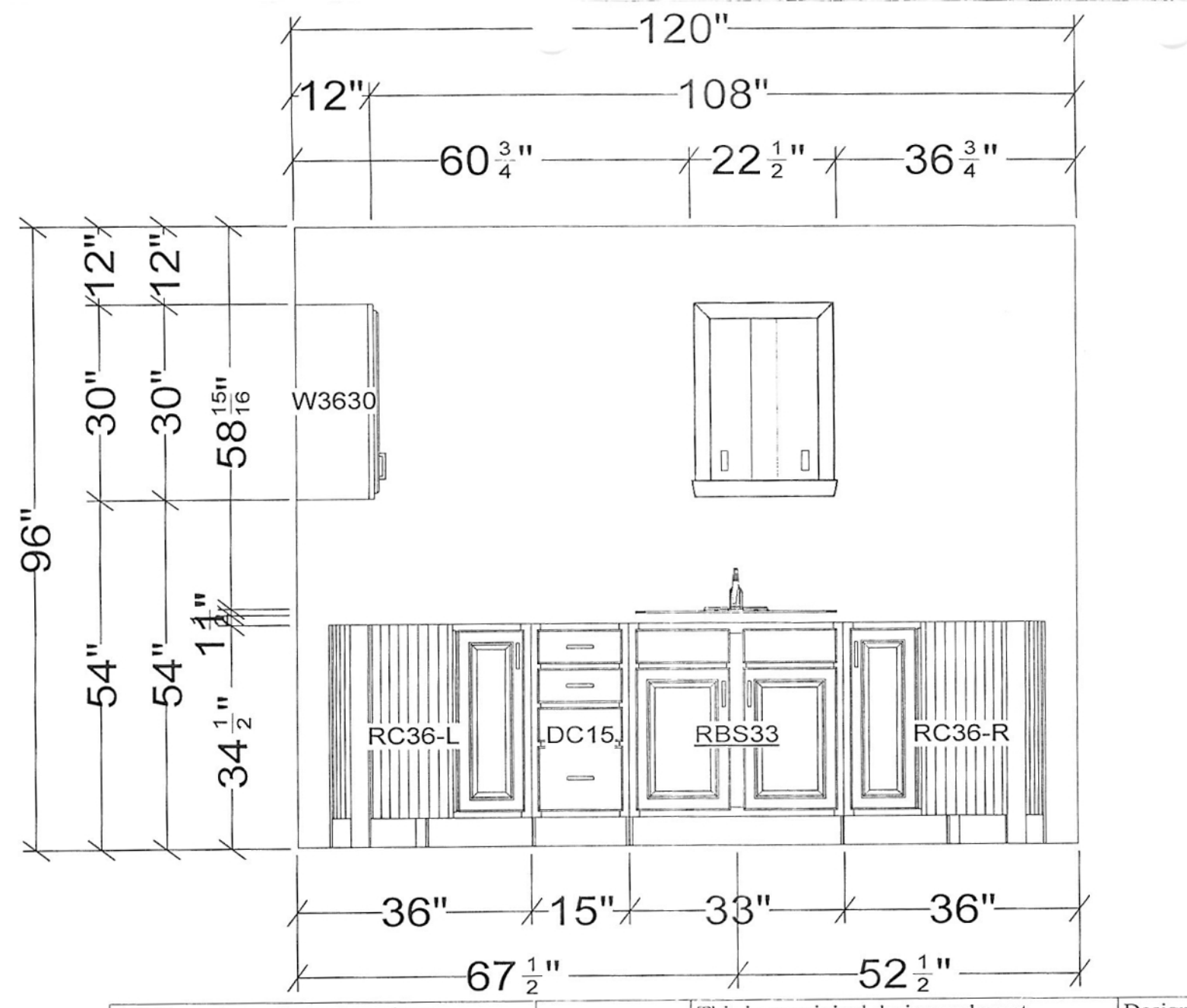
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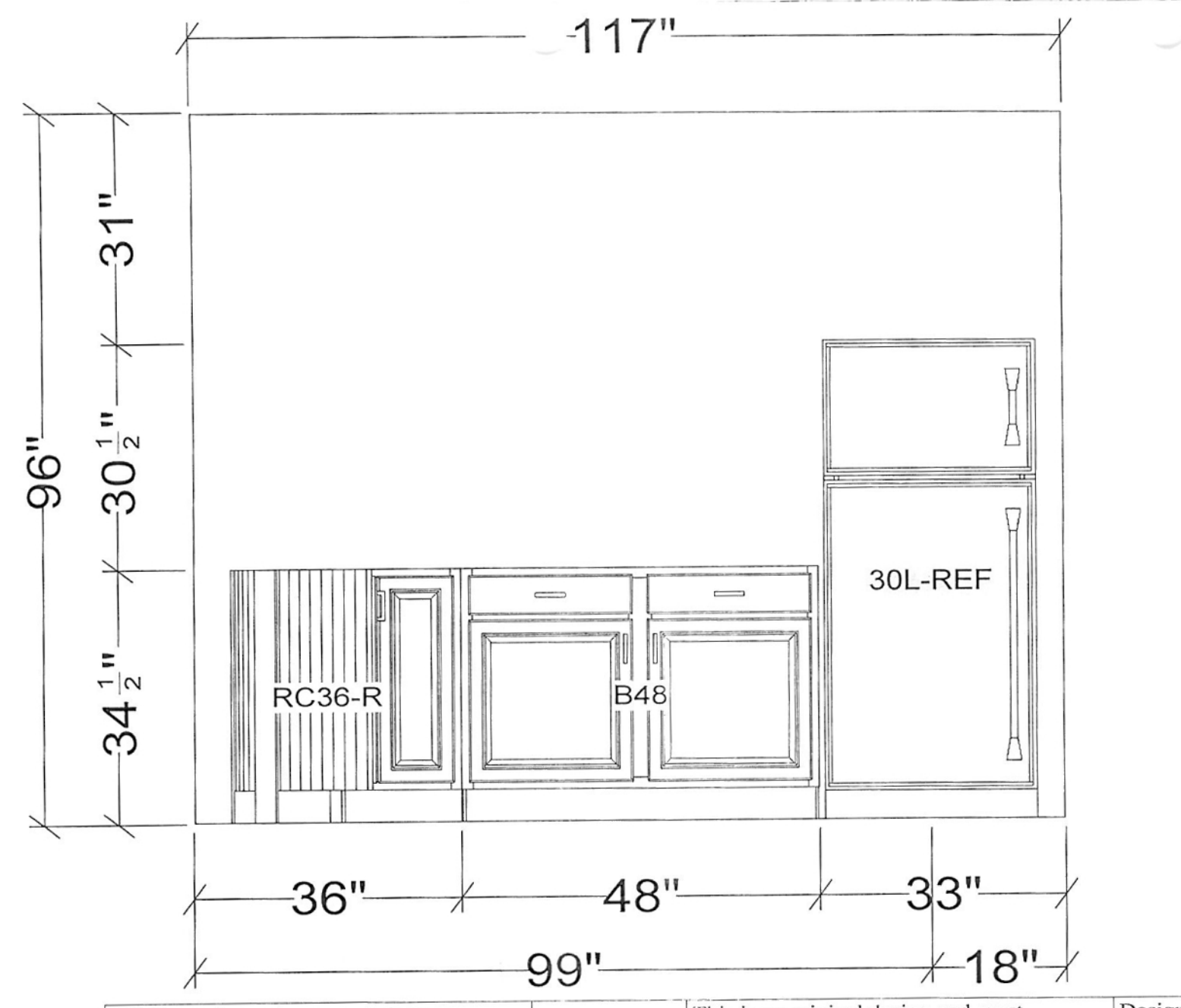
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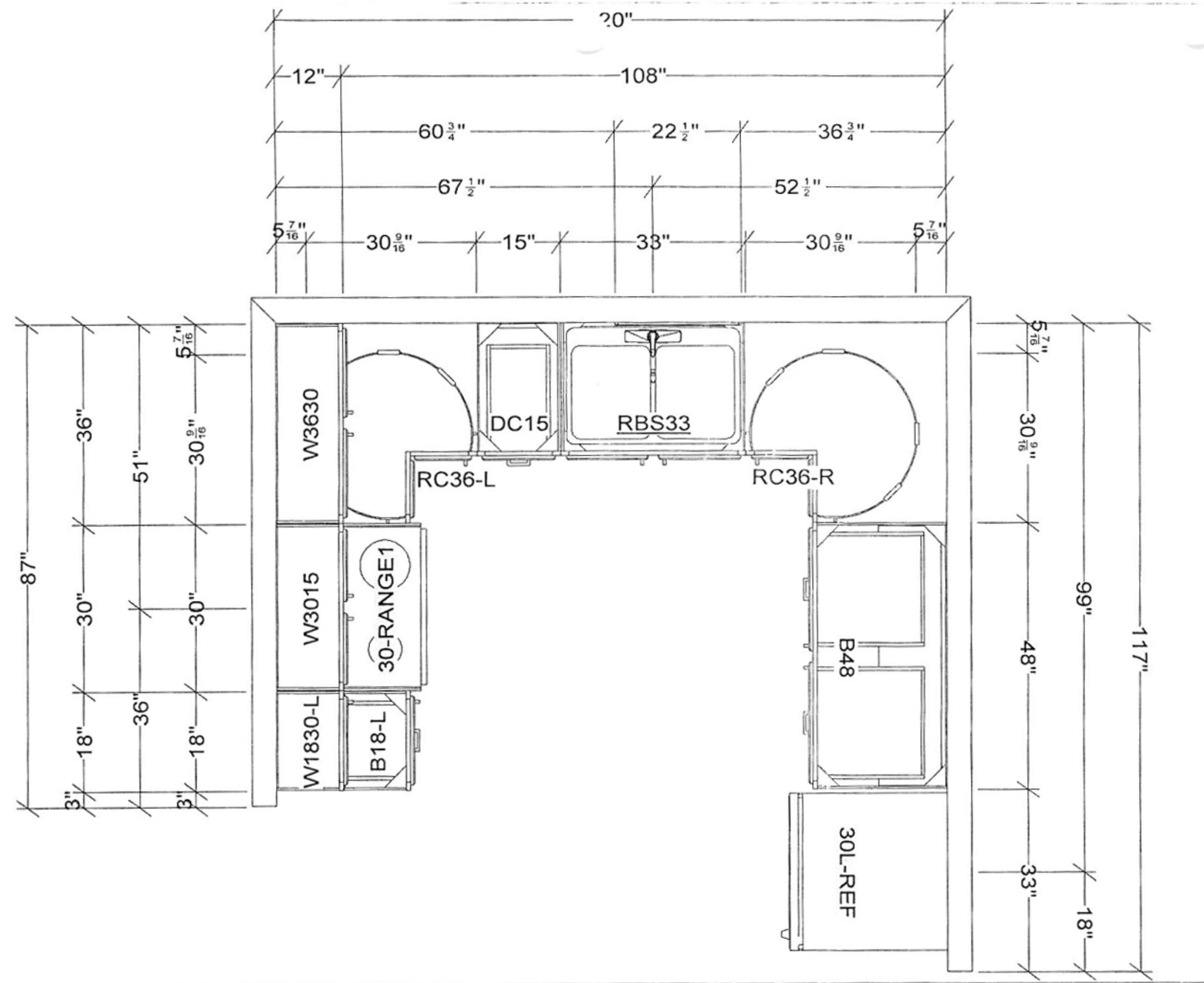
2 CASEWORK ELEVATION 01
NOT TO SCALE



3 CASEWORK ELEVATION 02
NOT TO SCALE



4 CASEWORK ELEVATION 03
NOT TO SCALE



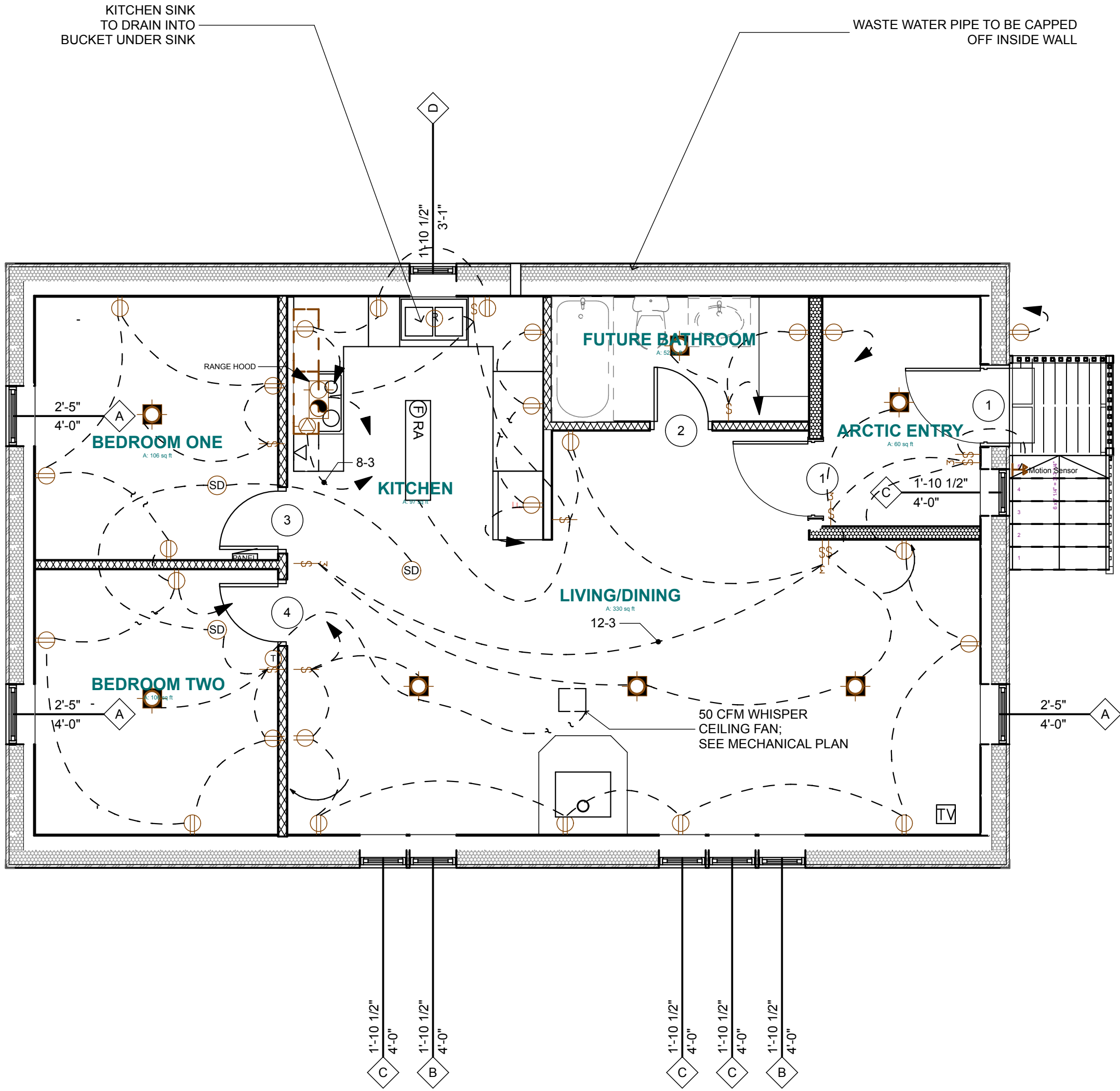
1 CASEWORK PLAN
NOT TO SCALE

General Notes		
DESIGNED BY: CCHRC		
DRAWN BY: DAVID BLOOM SPENARD BUILDERS SUPPLY		
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ELECTRICAL SYMBOL KEY	
	15A DUPLEX RECEPTACLE
	2 BULB INCANDESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	MOTION SENSOR LIGHT
	15A SP SWITCH, SUBSCRIPT INDICATES 3 WAY
	50A RANGE RECEPTACLE
	RANGE HOOD WITH FAN AND LIGHT
	120V SMOKE DETECTOR
	12 CIRCUIT PANEL WITH FLUSH COVER AND GROUND BAR
	WIRE AS NOTED
	4' 2 LAMP FLOURESCENT WITH BULBS
	TELEPHONE JACK
	TV JACK
	THERMOSTAT CONTROL FOR PANASONIC WHISPER CEILING FAN

PANEL SCHEDULE	
1. BATHROOM	2. KITCHEN RECEPTACLES
A.F. 3. ENTRY/LIVING/KITCHEN LIGHTS	4. KITCHEN RECEPTACLES AND REFRIGERATOR
A.F. 5. BEDROOMS ONE AND TWO	6. FREEZER/ENTRY
7. LIVING ROOM RECEPTACLES	8. —RANGE
9. HEADBOLT HTR	10. —
11. —	12. —

NOTE: MAST AND WEATHERHEAD LOCATION TO BE
VERIFIED IN FIELD

General Notes		
1. USE CFL BULBS OR LED BULBS IN ALL INCANDESCENT STYLE FIXTURES		
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ELECTRICAL

E1.0

SHEET 11 OF 12

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



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MECHANICAL /
PLUMBING

M1 P1

SHEET 12 OF 12