

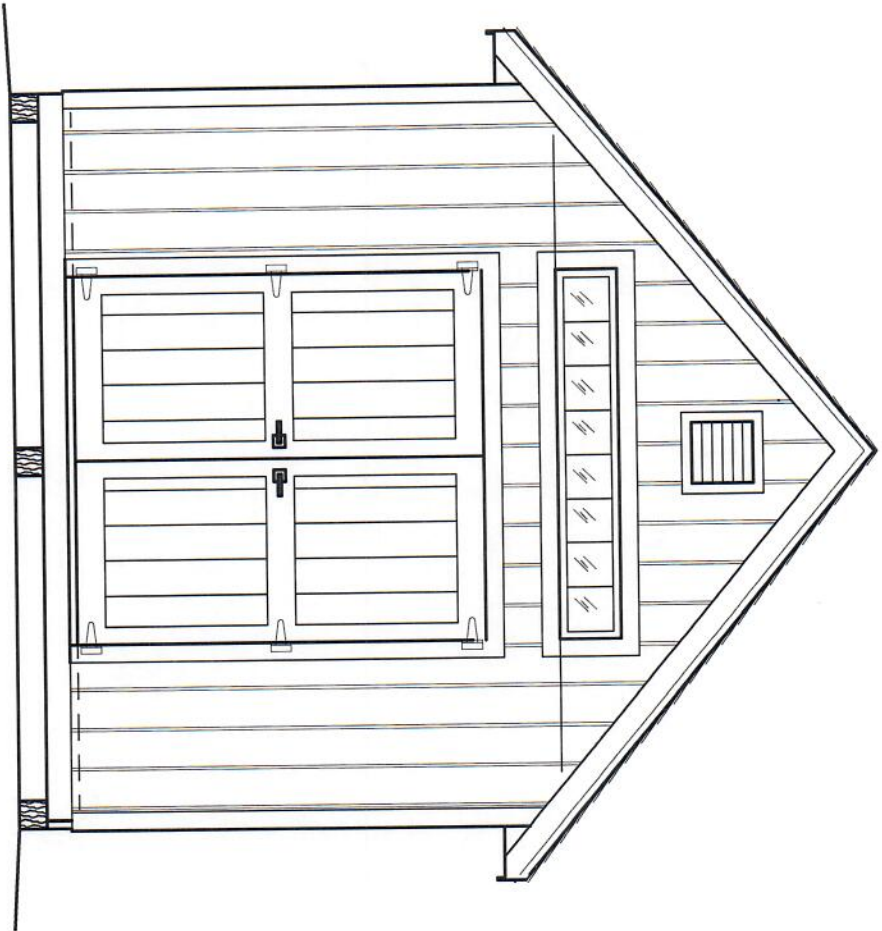
This plan is approved only if constructed with the notes shown regarding building code compliance.

NOTICE TO CONTRACTOR
 All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
 Limited building only review
 General builder responsible for
 full compliance with the code

05/01/2020





12 x 24 Traditional Victorian Shed Plans

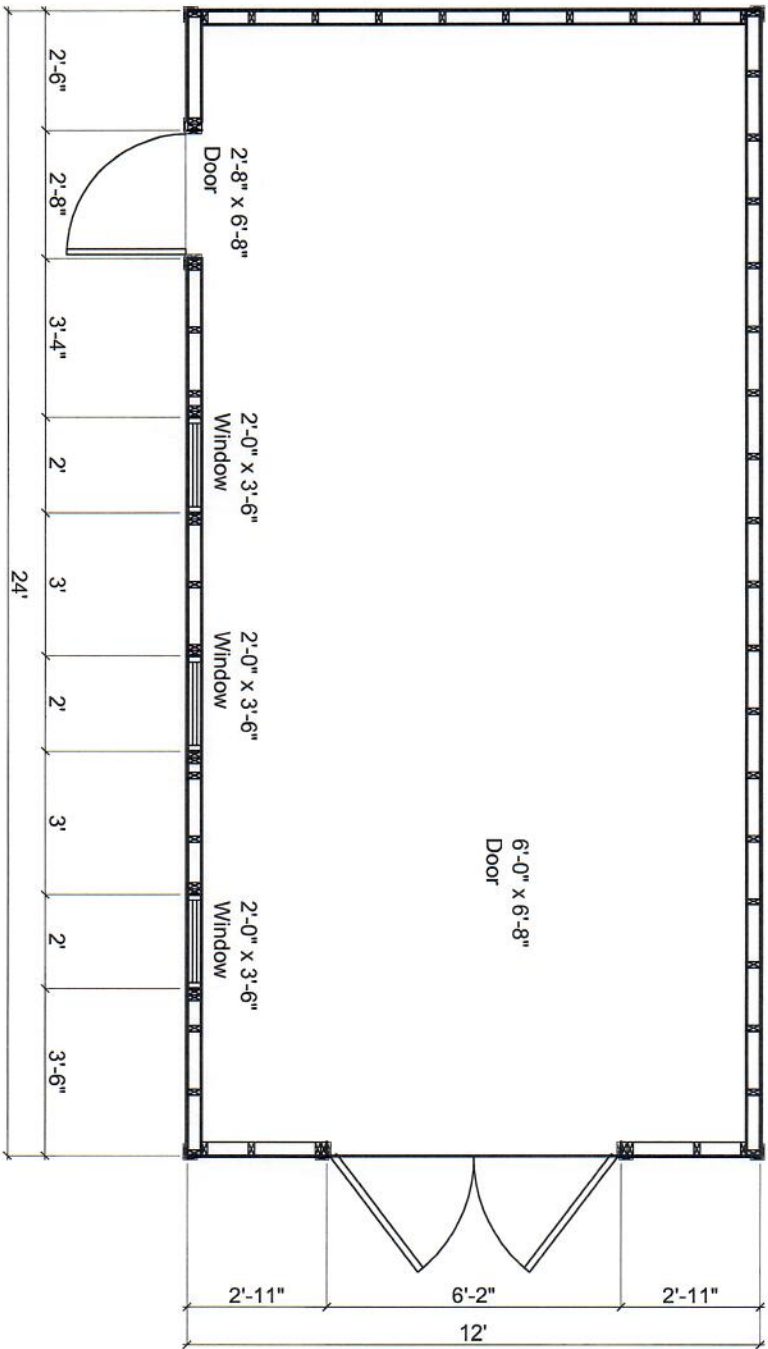
Please view and download the HOW TO BUILD A SHED tutorial at
<http://www.icreatables.com/sheds/how-to-build-shed/how-to-build-a-shed-download.html>

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Title Sheet 1



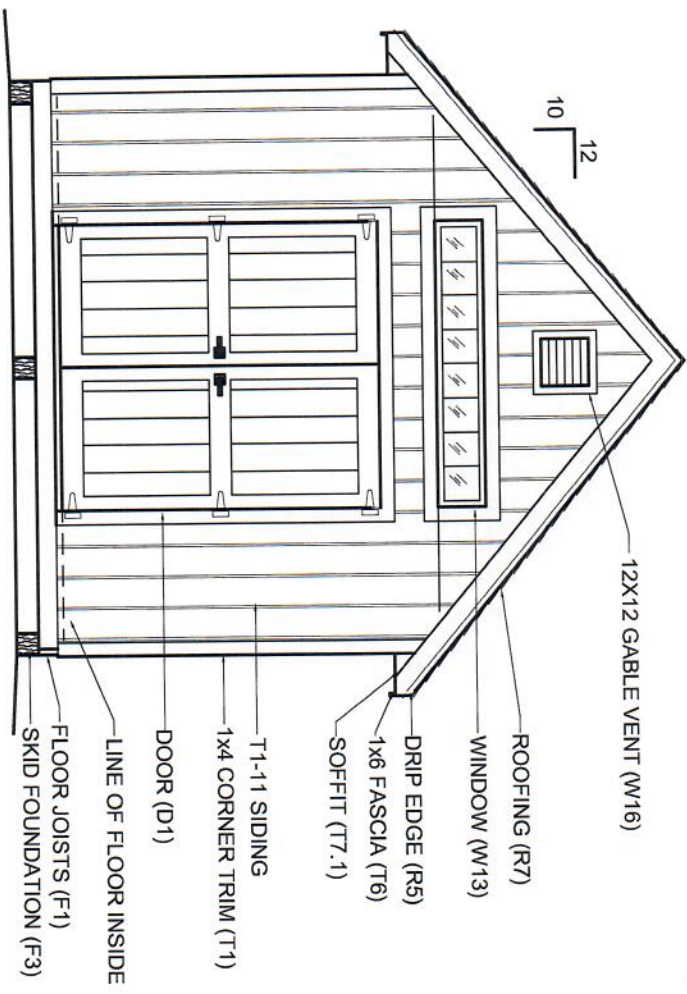
FLOOR PLAN

1/4" = 1'-0"

See wall framing plans for stud layout and material take off.

Floor Plan 2

FRONT ELEVATION



12X12 GABLE VENT (W16)

ROOFING (R7)

WINDOW (W13)

DRIP EDGE (R5)

1X6 FASCIA (T6)

SOFFIT (T7.1)

T1-11 SIDING (T1)

1X4 CORNER TRIM (T1)

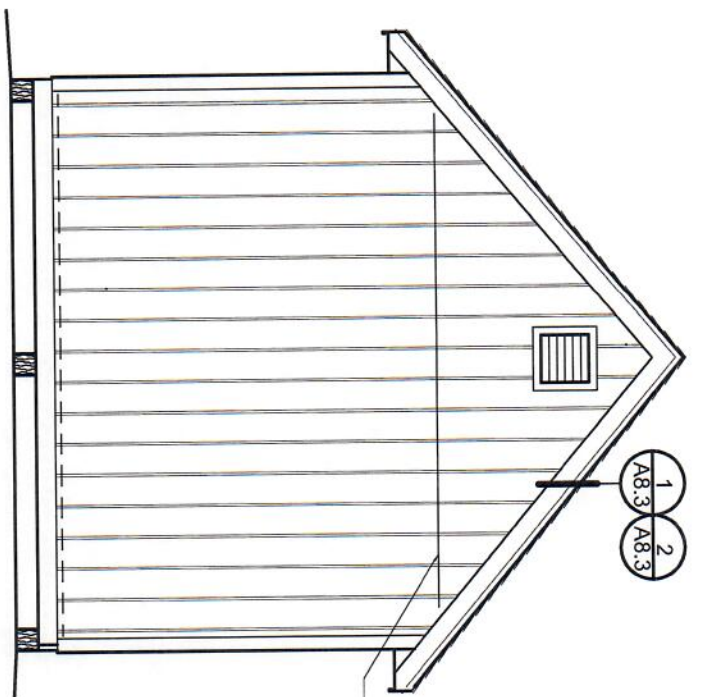
DOOR (D1)

LINE OF FLOOR INSIDE

FLOOR JOISTS (F1)

SKID FOUNDATION (F3)

REAR ELEVATION



1
A8.3 / A8.3

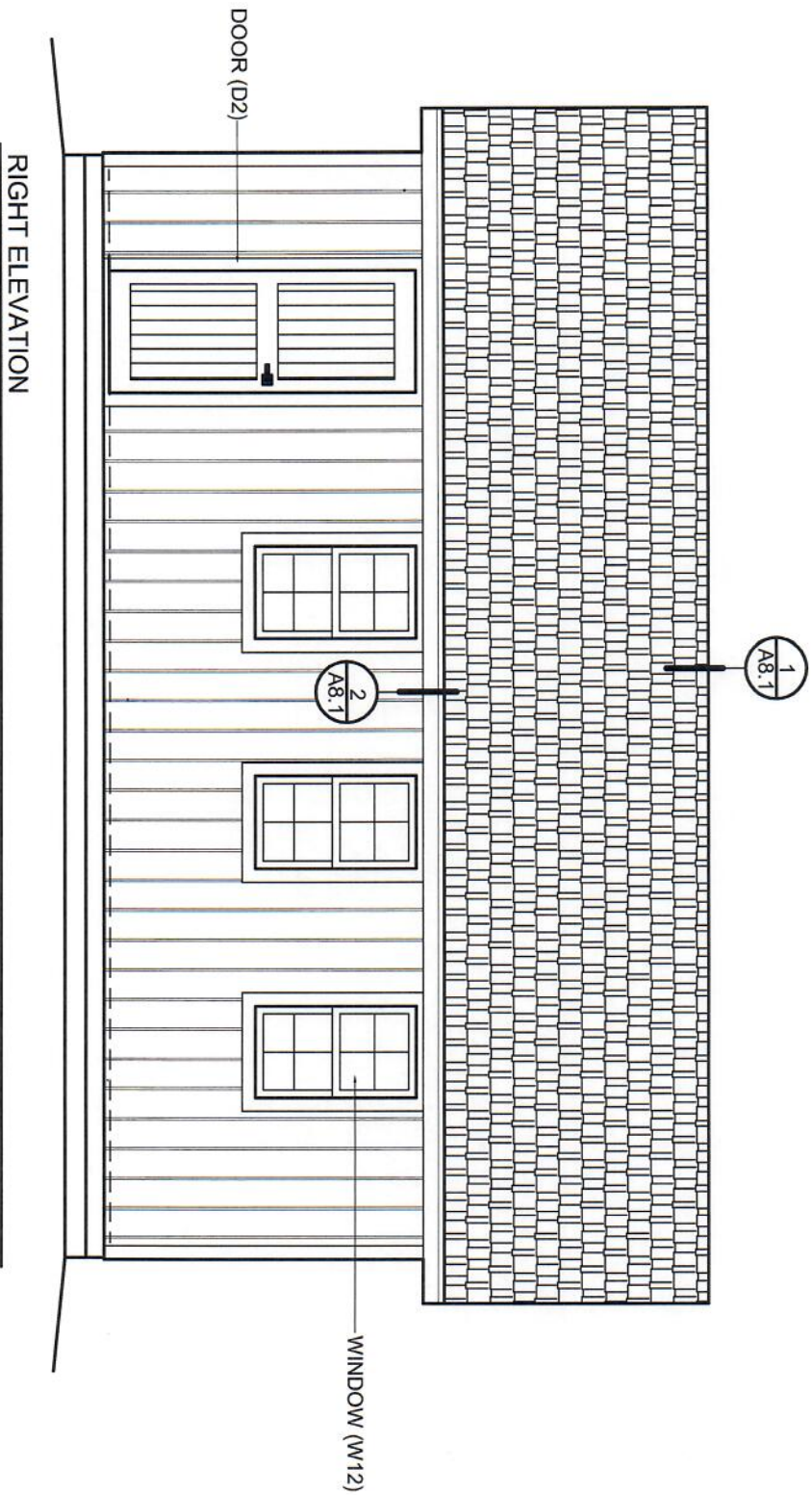
2
A8.3 / A8.3

SIDING JOINT,
FLASHING (W10)

SIDING AND ROOFING MATERIALS

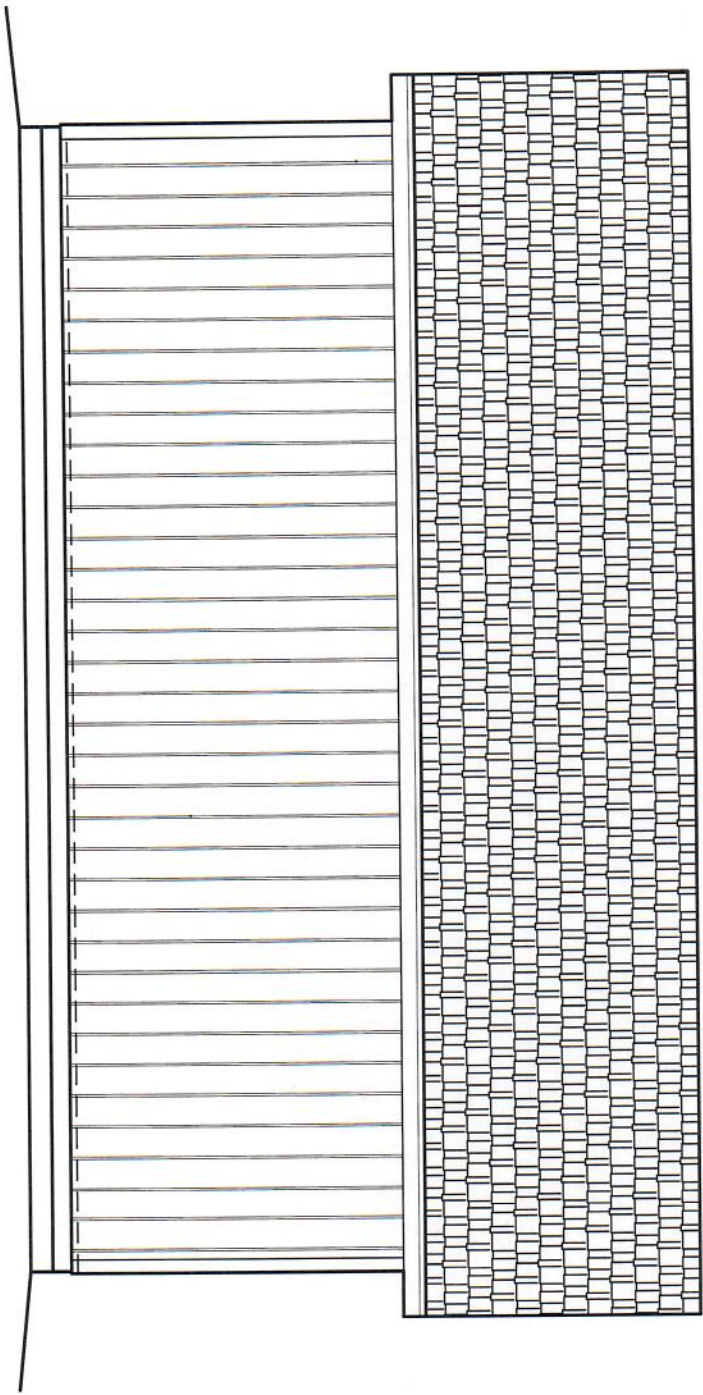
CODE	DESCRIPTION	LENGTH	QTY.
W7	4ft. x 8ft. T1-11	per plan	22
W7.1	4ft. x 8ft. Textured ply. Soffit		2
T4	1x4 Wood Trim	16'	9
T6	1x6 Trim Fascia	16'	6
R5	Roof Drip Edge	1 1/2" x 1 1/2" x 10'	11
R6	15lb. Roofing Felt	474 sf.	1.5 roll
R7	Shingles	474 sf.	5 sq.
W10	"Z" Metal Flashing	10'	3
W12	2036 SH Window	2'-0" x 3'-6"	3
W13	6010 Fixed Window	6'-0" x 1'-0"	1
W16	Pre made gable vent	12" x 12"	2
D1	2668 Door	3'-0" x 2'-6"	1
D2	6068 Double door	6'-0" x 6'-8"	1

Ramp or stair materials are not shown



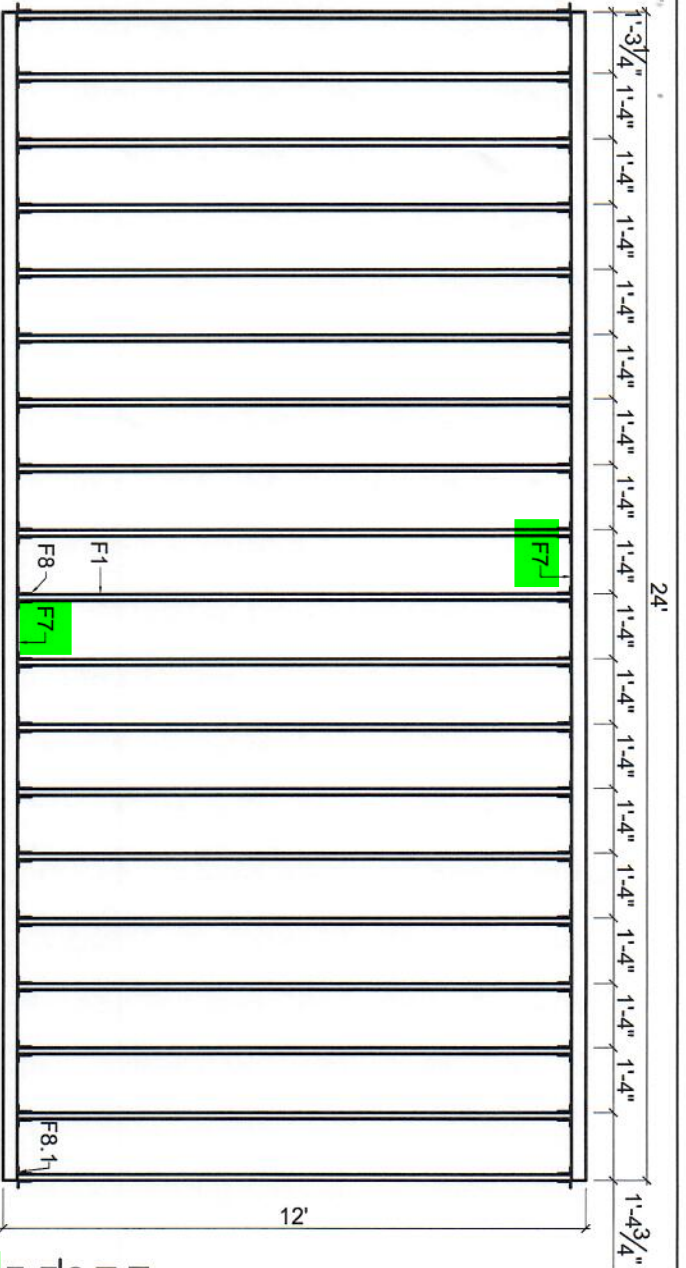
Exterior Elevations **3.1**

RIGHT ELEVATION

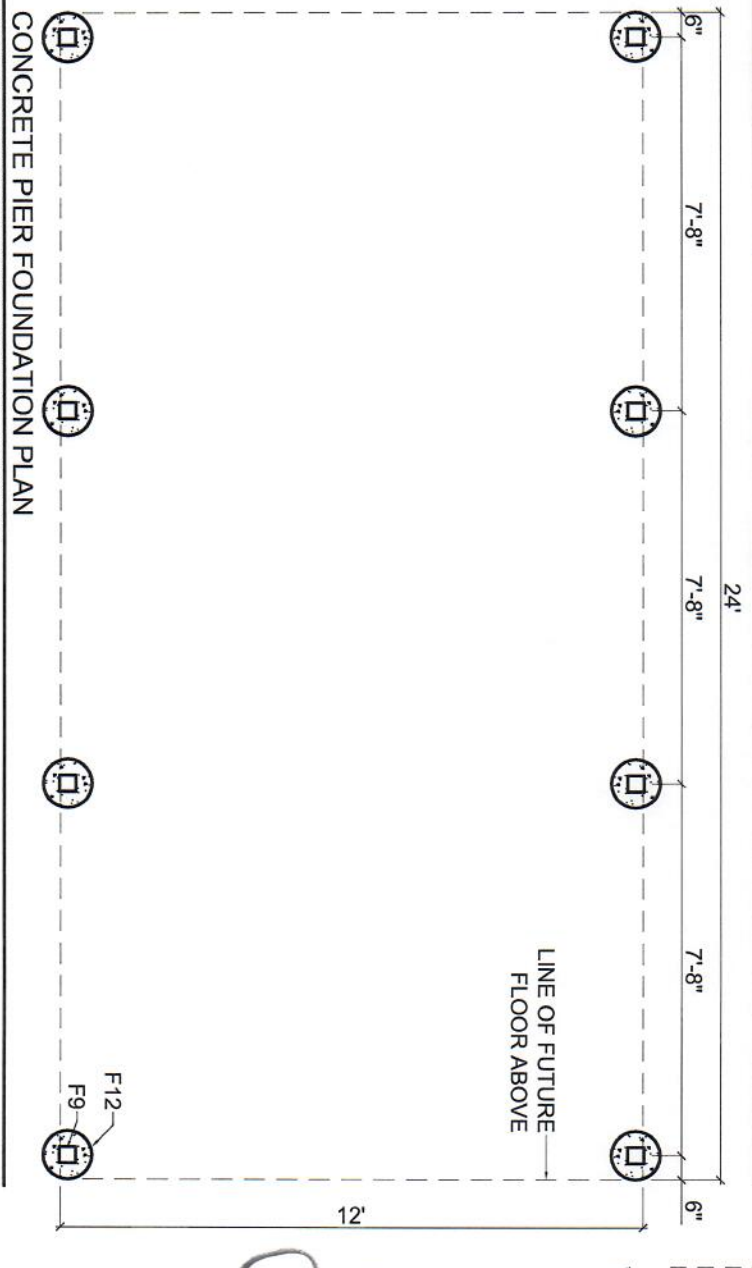


Exterior Elevations **3.2**

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CONCRETE PIER FLOOR FRAMING PLAN



CONCRETE PIER FOUNDATION PLAN

Footings should be under the bearing walls of the shed. This means that the beam resting on the piers should be under the walls that the roof rests on.

2x10 x 10" Joists @ 2' centers

BLOCK AND ROUND PIER FOUNDATION AND FLOOR FRAMING MATERIALS

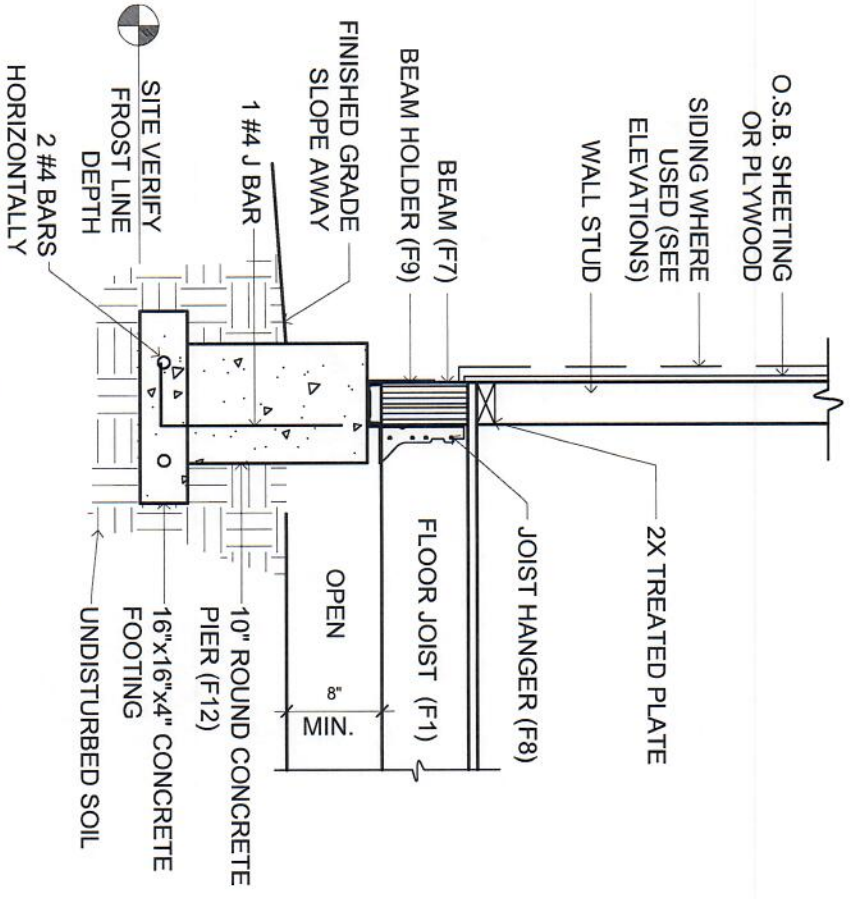
CODE	DESCRIPTION	LENGTH	QTY.
F1	2x10 Doug Fir Floor Joist	12'-0"	19
F4	Full Face O.S.B. T & G.	4'x8'x $\frac{3}{4}$ "	9
F7	3 1/2" X 10 1/2" Glu Lam beam*	24'	2
F8	Simpson Joist Hanger	LU26	34
F8.1	Simpson Joist Hanger	LUC26Z	4
F9	Simpson Post Base	ABU44	8
F12	10" Round Concrete Pier		8

*(F8) Install hangers using Strong-Drive® SD Connector Screws.

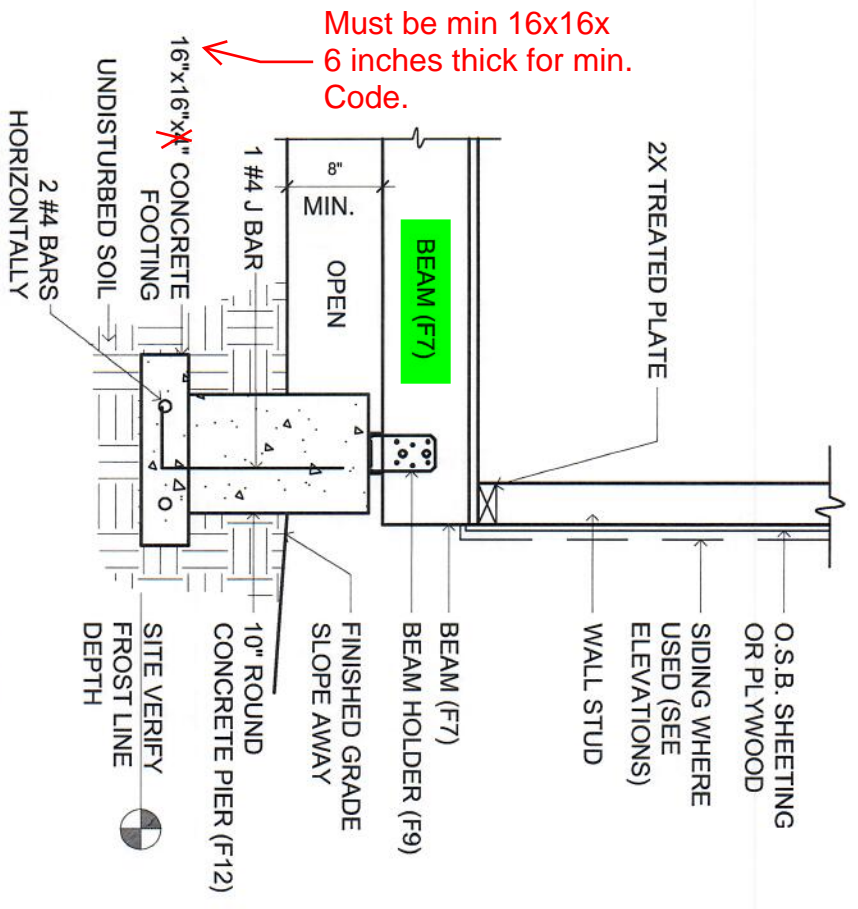
NOTE THAT THIS FLOOR DESIGN SHOULD BE REVIEWED BY A LOCAL STRUCTURAL ENGINEER TO VERIFY ROOF AND FLOOR LOADING CONDITIONS.

DESIGN LOADS
FLOOR 50 LBS (40 LIVE, 10 DEAD)
ROOF 40 LBS (30 LIVE, 10 DEAD)

YOU MAY WANT TO INSTALL FLOOR JOISTS AT 12" O.C. TO INCREASE THE FLOOR STRENGTH



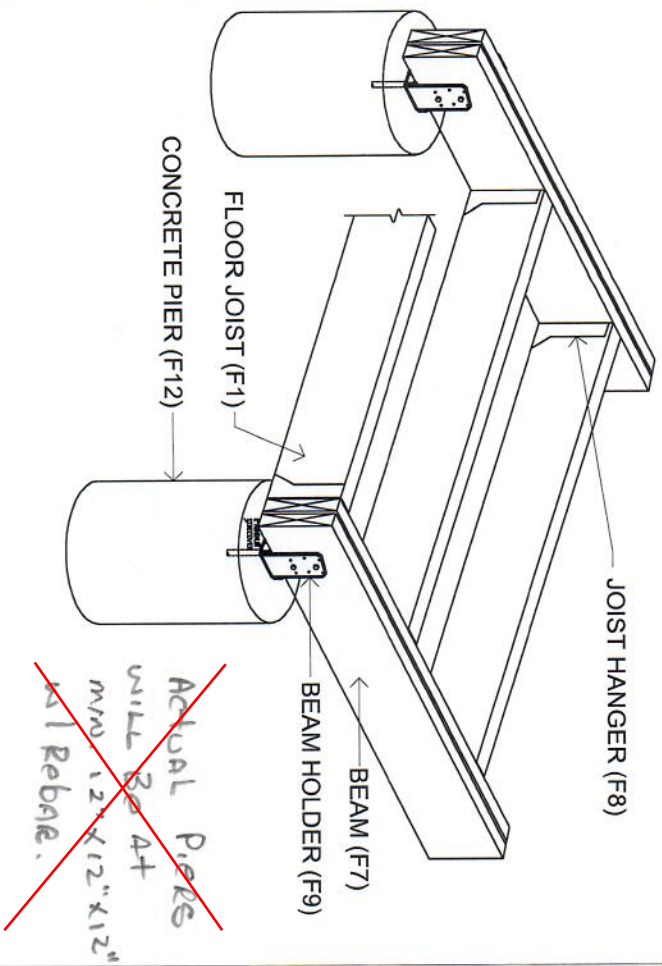
1 POURED CONCRETE PIER FOUNDATION
 3/4" = 1'-0" SIDE VIEW



2 POURED CONCRETE PIER FOUNDATION
 3/4" = 1'-0" FRONT VIEW

My Piers are minimum 12" x 12" x 12"

Must be min 16x16x 6 inches thick for min. Code.

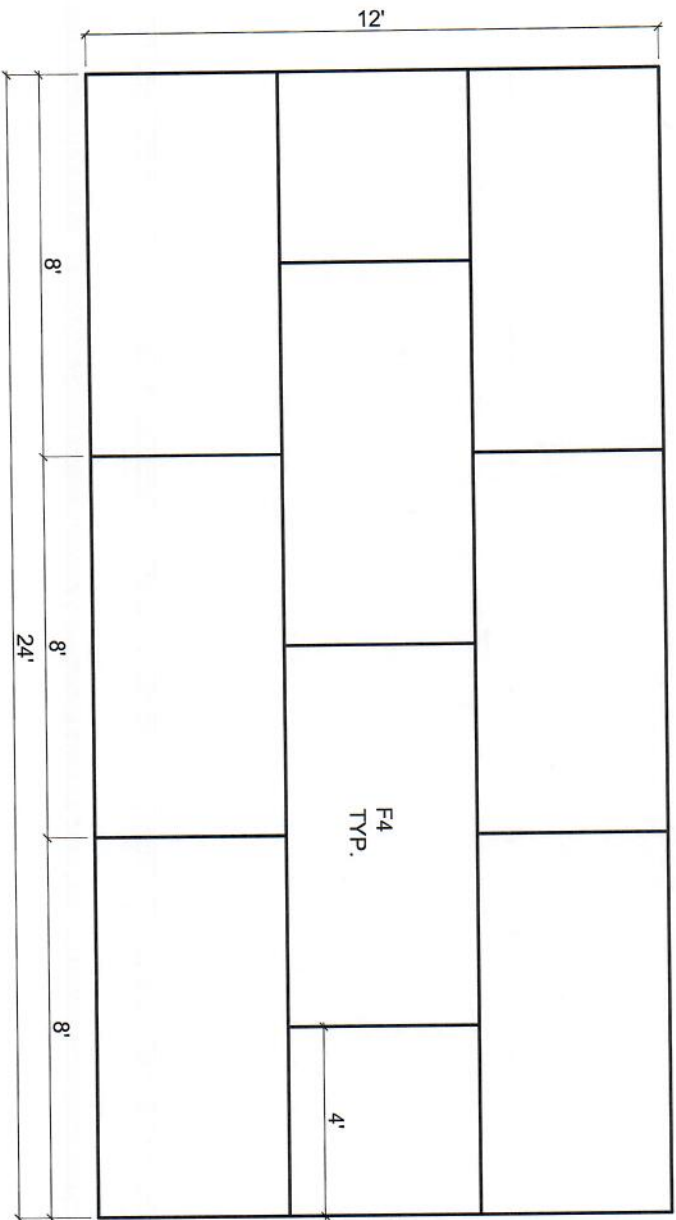


1 **POURED CONCRETE PIER FOUNDATION**
 $\frac{3}{4}$ " = 1'-0" ISOMETRIC VIEW

- CONCRETE PIER FOOTINGS ARE MADE BY POURING CONCRETE IN A ROUND CYLINDER MOLD. DIG A 16" ROUND HOLE. SET THE FORM 4IN. ABOVE THE BOTTOM.
- INSTALL 2 #4 REBAR HORIZONTALLY IN FOOTING
- INSTALL 1 #4 "J" BAR VERTICALLY IN EACH PIER
- POUR THICK CONCRETE SO IT FLOODS THE BOTTOM 4" OF THE HOLE AND THEN FILLS THE TUBE.
- INSTALL BEAM HOLDERS
- FOOTING TO BE INSTALLED ON UNDISTURBED OR COMPACTED SOIL.
- CALL THE LOCAL BUILDING DEPARTMENT TO VERIFY FROST DEPTH IN YOUR AREA.

NOTE: FLOOR FRAMING MAY ALSO BE SET ON TOP OF THE BEAMS. USE THE FLOOR FRAMING DIMENSIONS GIVEN ON SHEET A5 IN THE PLANS.

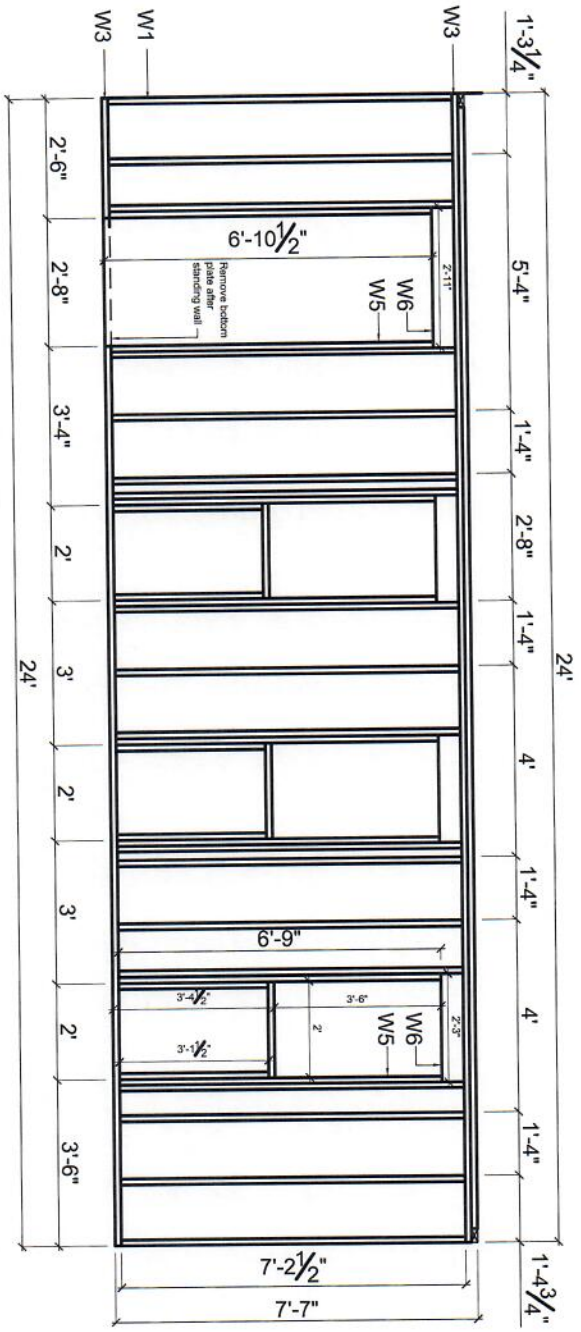
2 **POURED CONCRETE PIER FOUNDATION**
 $\frac{3}{4}$ " = 1'-0" NOTES



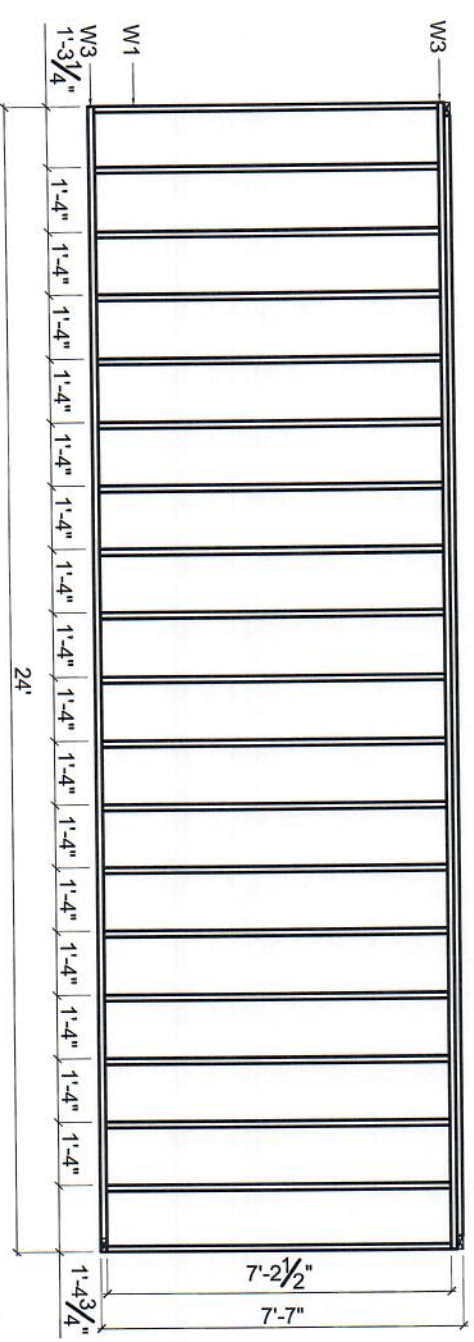
FLOOR SHEETING PLAN

Skid Floor Sheeting Plan **5.1**

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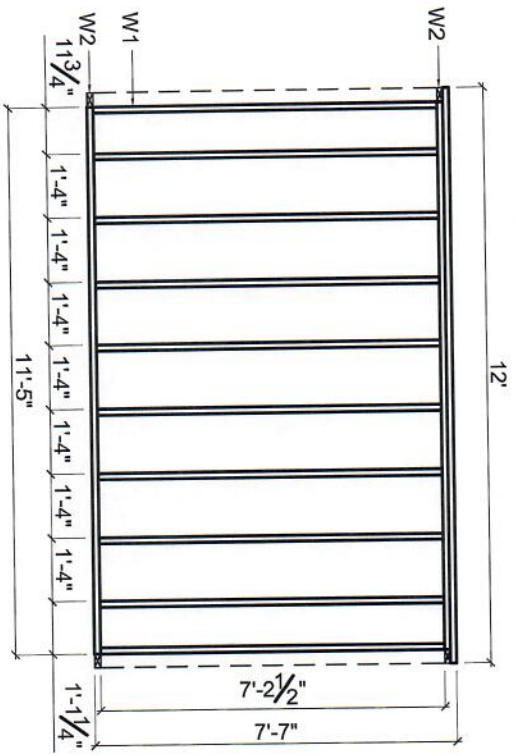
LEFT WALL FRAMING PLAN



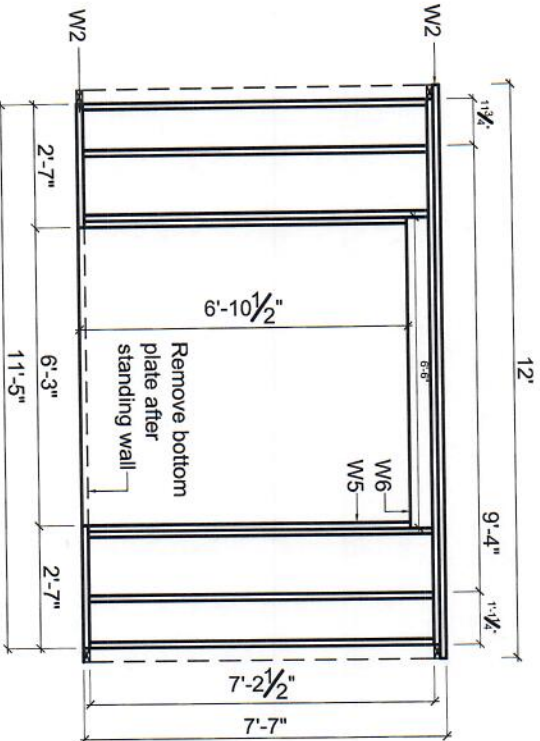
RIGHT WALL FRAMING PLAN

WALL FRAMING MATERIALS CODE	DESCRIPTION	LENGTH	QTY.
W1	2x4 Wall Stud	92 5/8"	56
W2	2x4 Wall Plate, Short	12'-0"	6
W3	2x4 Wall Plate, Long	20'-0"	7
W5	2x4 Trimmer	92 5/8"	10
W6	2x6 Header	8'-0"	6

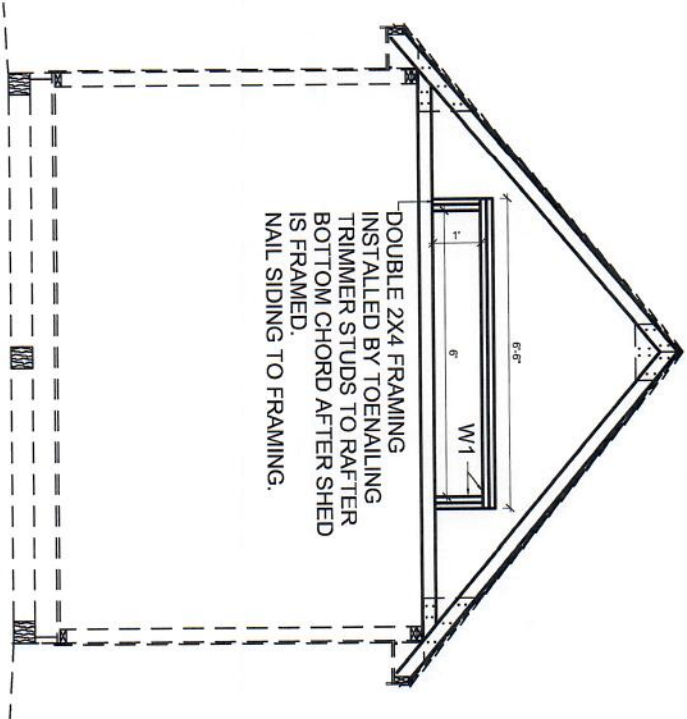
See wall elevations for siding amounts.



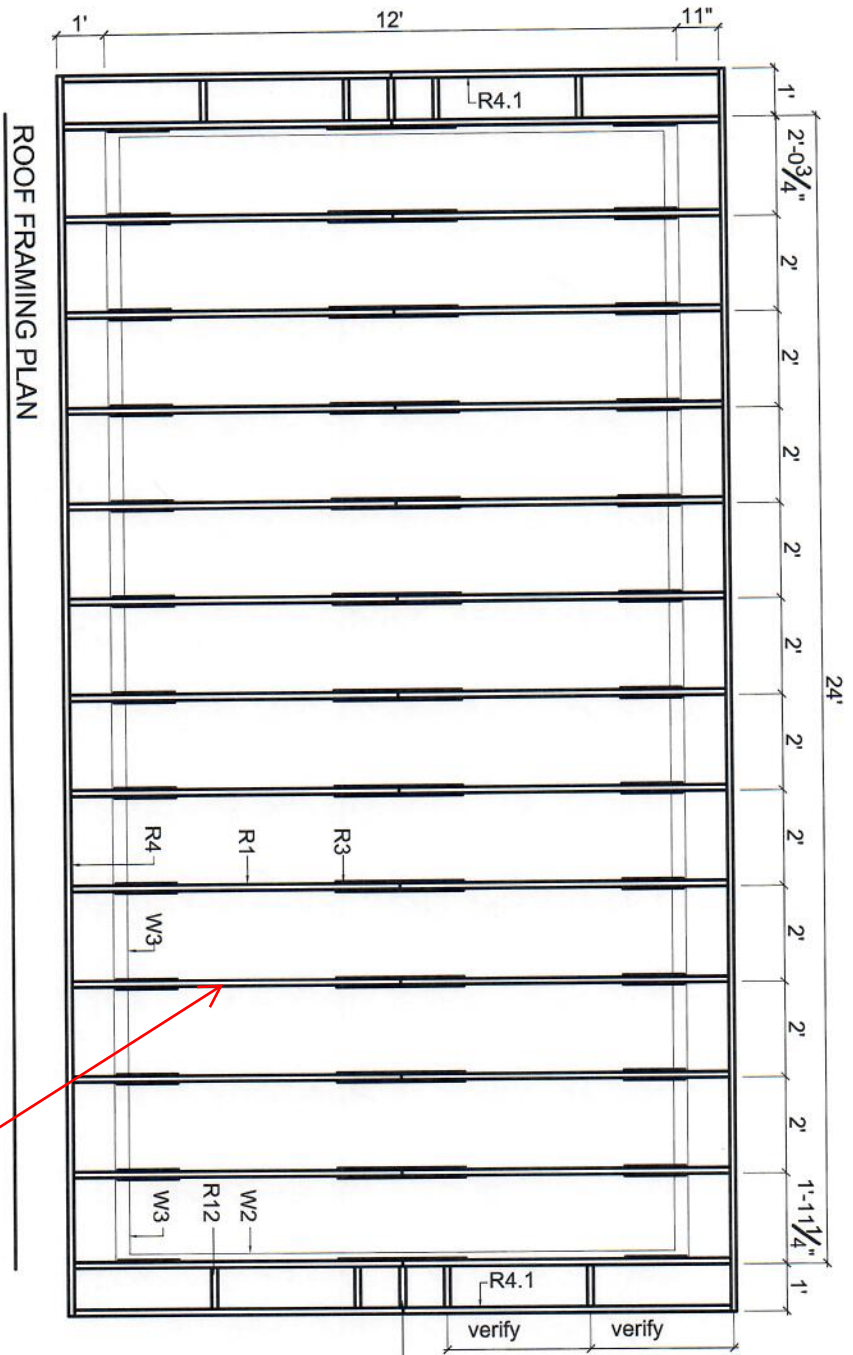
REAR WALL FRAMING PLAN



FRONT WALL FRAMING PLAN



UPPER WINDOW FRAMING PLAN



2x4 BLOCKING R12.
INSTALL UNDER
SHEETTING JOINTS

ROOF FRAMING MATERIALS

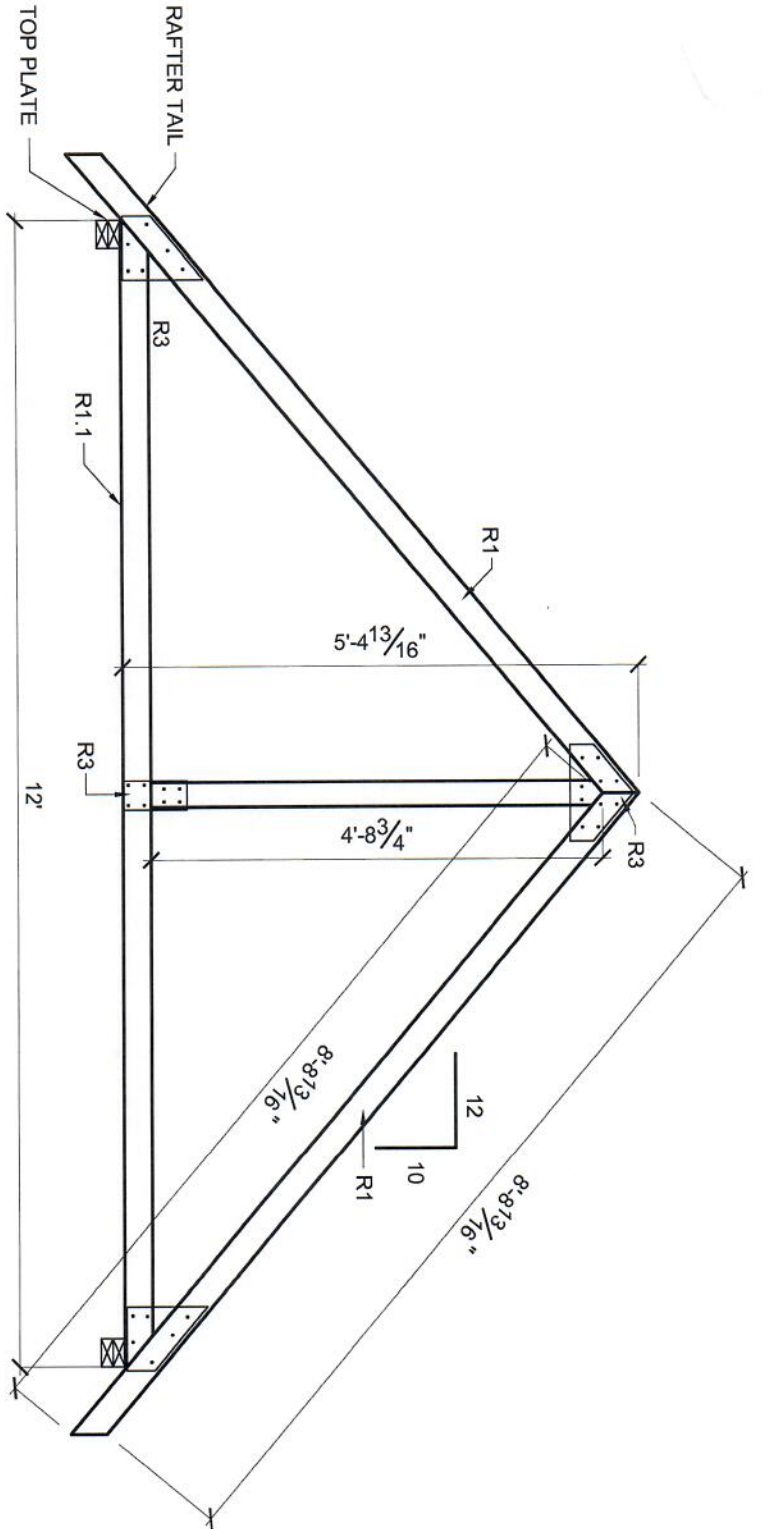
CODE	DESCRIPTION	LENGTH	QTY.
R1	2x4 Rafter Rafter	10'-0"	26
R1.1	2x4 Rafter bottom chord	12'-0"	13
R1.2	2x4 Rafter Post	10'-0"	6
R2	O.S.B. Roof Decking	4'x8'x 7/16"	17
R3	O.S.B. Rafter Chasset	4'x8'x 7/16"	2
R4	2x4 Sub Fascia	14'-0"	4
R4.1	2x4 Sub Fascia	10'-0"	4
R12	2x4 Blocking	16'-0"	1

See exterior elevations for roofing materials.

NOTE: LEAVE KING POST OUT OF GABLE END RAFTERS
SO WINDOW AND VENTS CAN BE INSTALLED

Minimum Code Req.

Ceiling joists must be minimum 2x6 for 16"oc or 2x8 for 24"oc. Roof may not be site built trusses without engineers design.

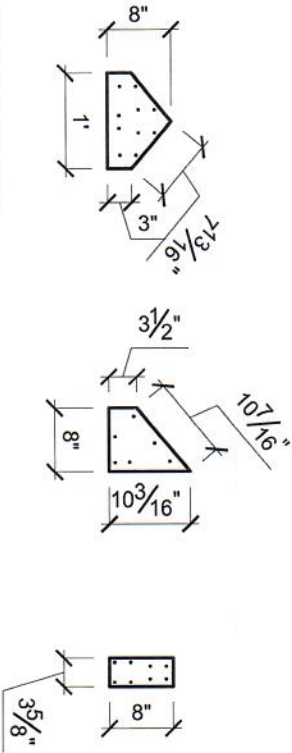


RAFTER DETAIL - 10 / 12 PITCH

1/2" = 1'-0"

SEE THE ROOF TRUSS TEMPLATE DETAIL FOR ANGLE CUTTING INFORMATION.

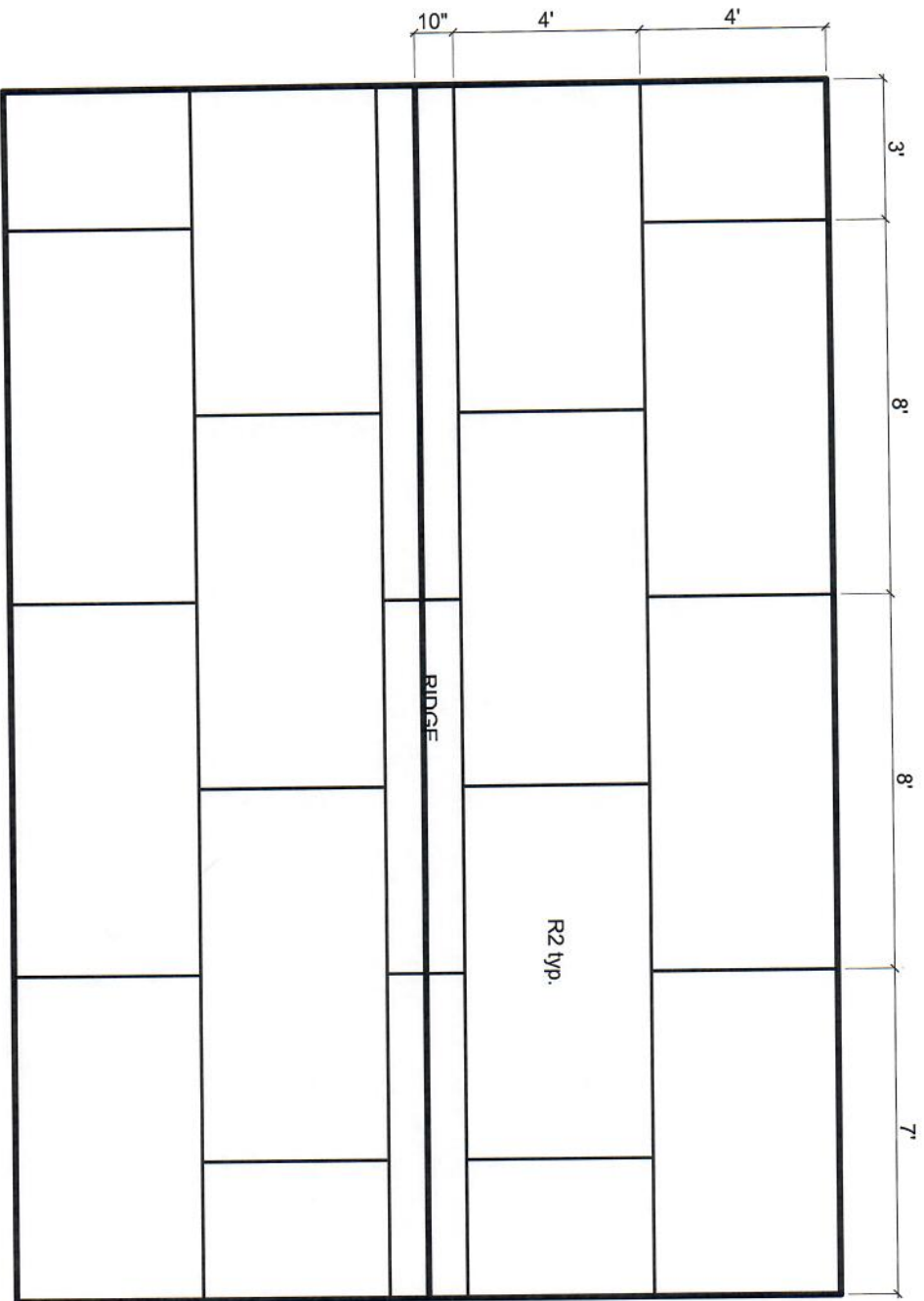
NOTE: VERIFY SIZE AND STYLE OF GABLE VENT BEFORE INSTALLING KING POST ON GABLE TRUSS. DEPENDING ON THE VENT IT MAY BE NECESSARY TO MOVE THE POST AND ADD A SECOND POST TO THE SIDES OF THE VENT LOCATION.



GUSSET DETAIL

1/2" = 1'-0" USE 6d NAILS TO INSTALL GUSSETS ON BOTH SIDES OF THE TRUSS, EXCEPT FOR THE GABLE TRUSSES.

Roof must be framed according to the prescriptive method of the NC Residential Building Code 2018, or this page/design must be sealed by a NC Structural Engineer



ROOF SHEETING PLAN

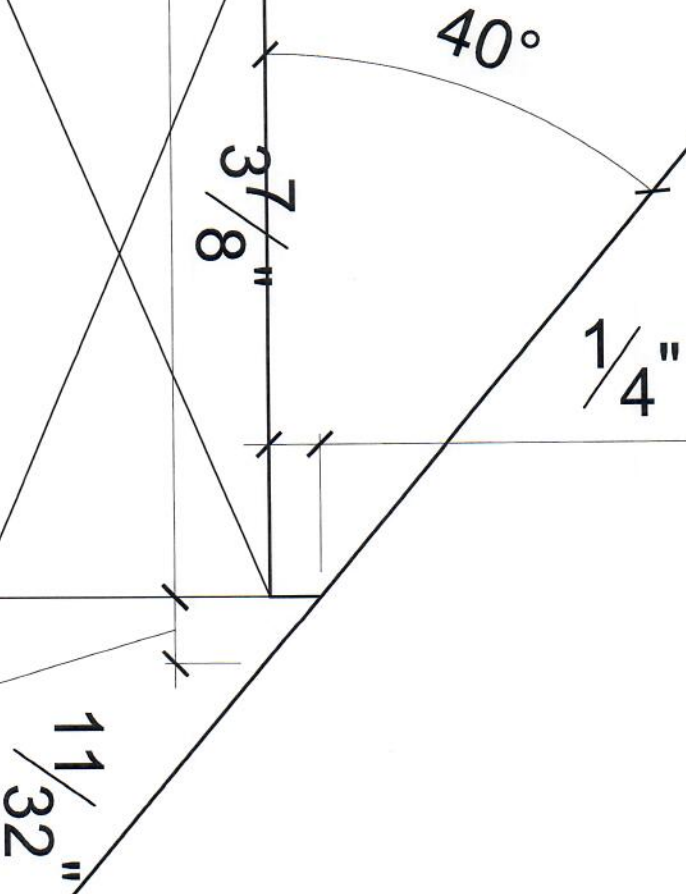
10 / 12 RAFTER

VERIFY THAT PRINTED
DIMENSIONS ARE TO SCALE
BEFORE USING TEMPLATE

50°

- CUT OUT TEMPLATE
 - LAY TEMPLATE ON ENDS OF RAFTER
 - TRACE ANGLES ONTO BOARDS
 - CUT BOARDS ALONG LINES
- OR
- USE FRAMING SQUARE TO MARK ANGLE
WHICH IS 10/12 PITCH

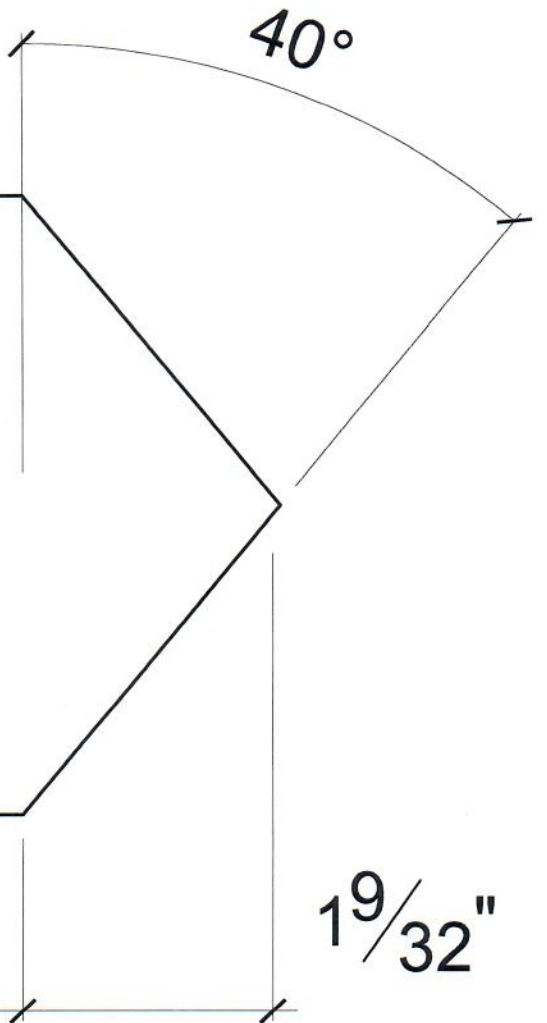
10 / 12
RAFTER

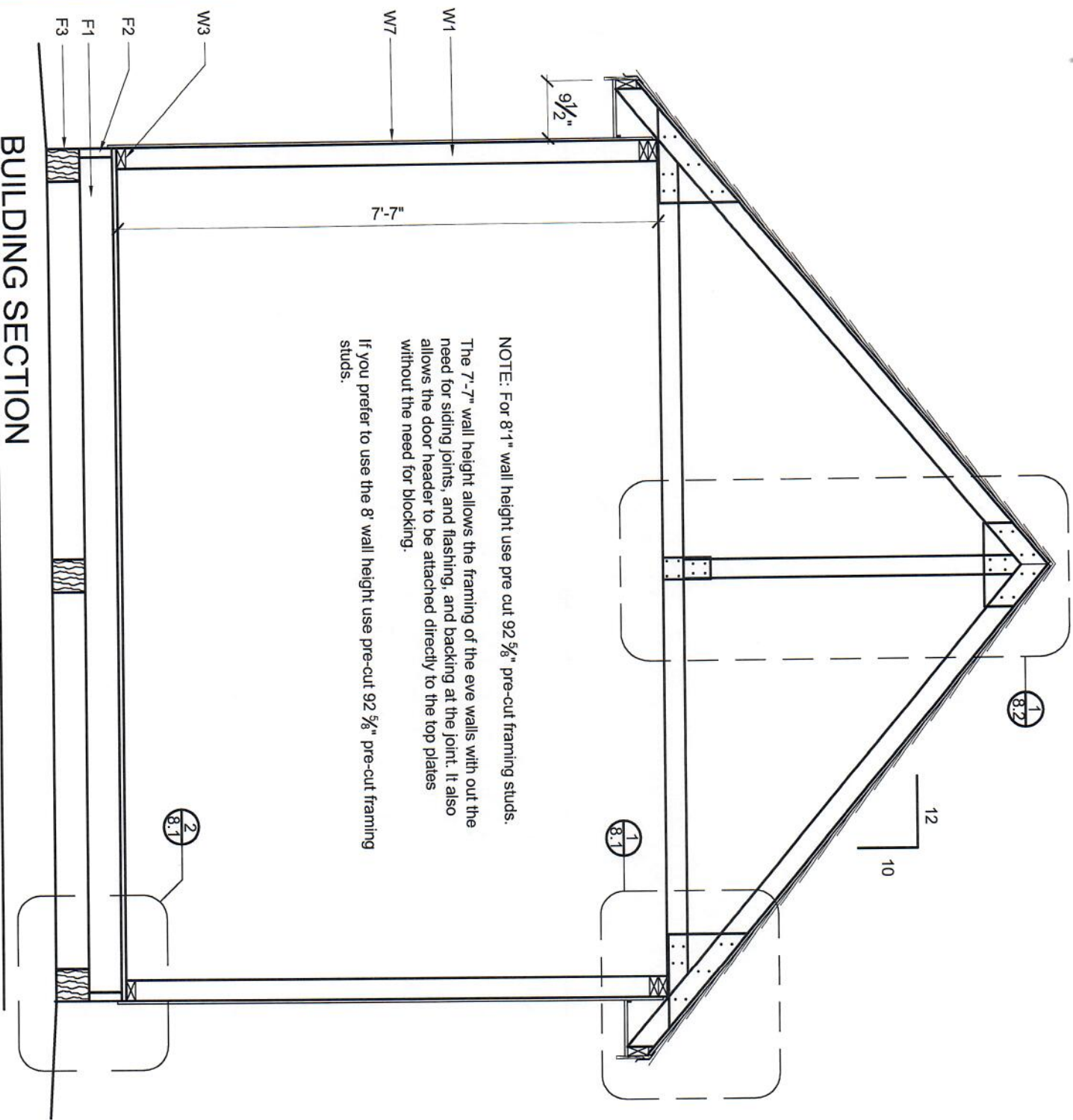


10 / 12
RAFTER

$19/32$ "

40°





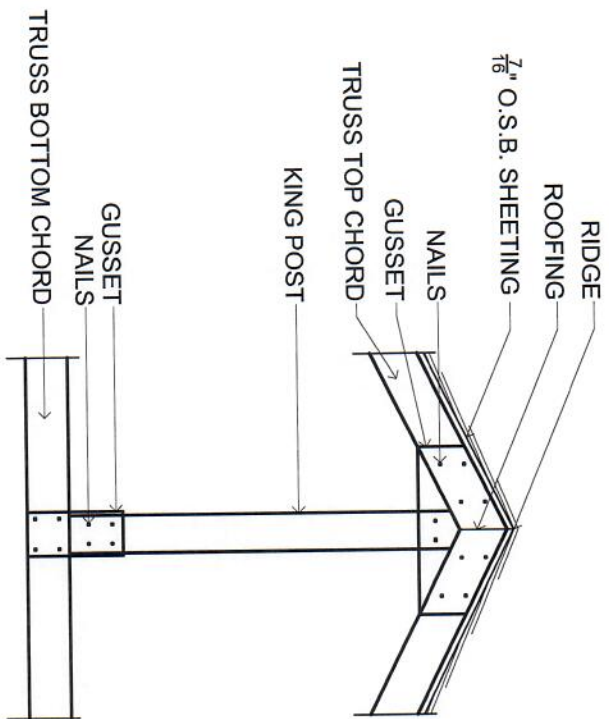
NOTE: For 8'1" wall height use pre cut 92 5/8" pre-cut framing studs.

The 7'-7" wall height allows the framing of the eve walls with out the need for siding joints, and flashing, and backing at the joint. It also allows the door header to be attached directly to the top plates without the need for blocking.

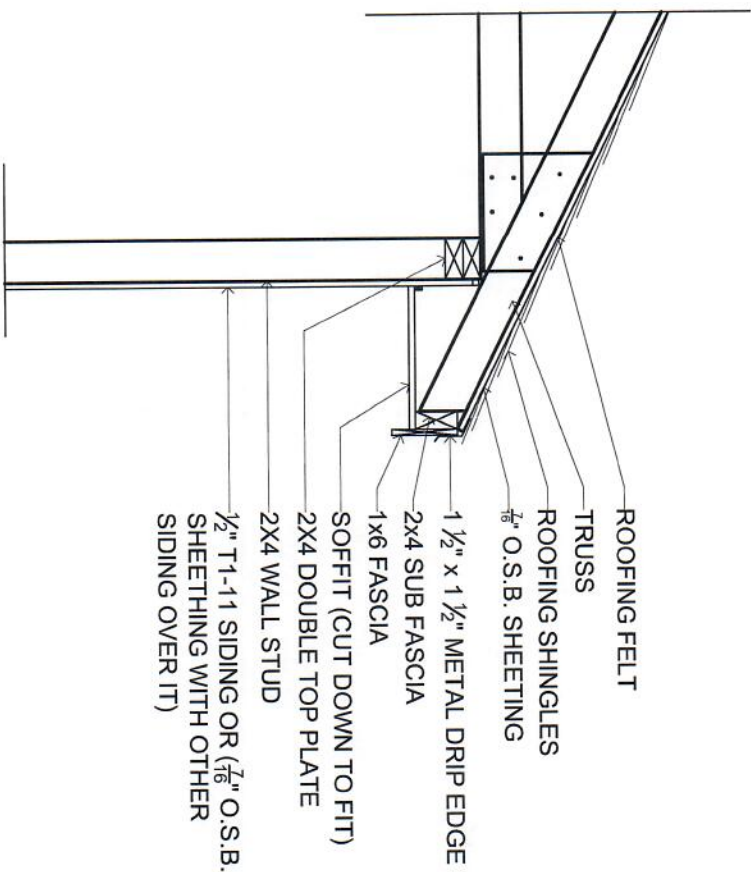
If you prefer to use the 8' wall height use pre-cut 92 5/8" pre-cut framing studs.

BUILDING SECTION

1/2" = 1'-0" See floor and wall plans for material call out definitions.



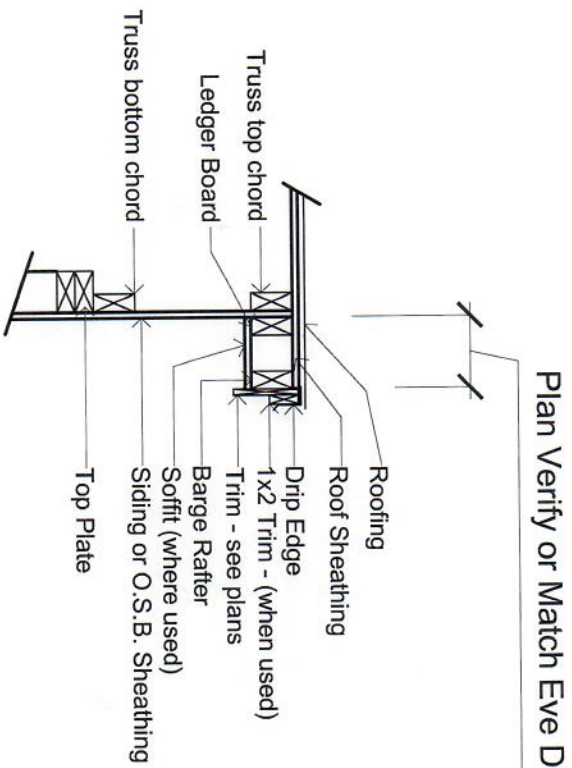
1 ROOF RIDGE DETAIL
 $\frac{3}{4}'' = 1'-0''$



2 TRUSS CONNECTION TO WALL
 $\frac{3}{4}'' = 1'-0''$



W6
3/4" = 1'-0"
2X6 HEADER DETAILS



2
3/4" = 1'-0"
BOXED RAKE DETAIL - OVERHANG