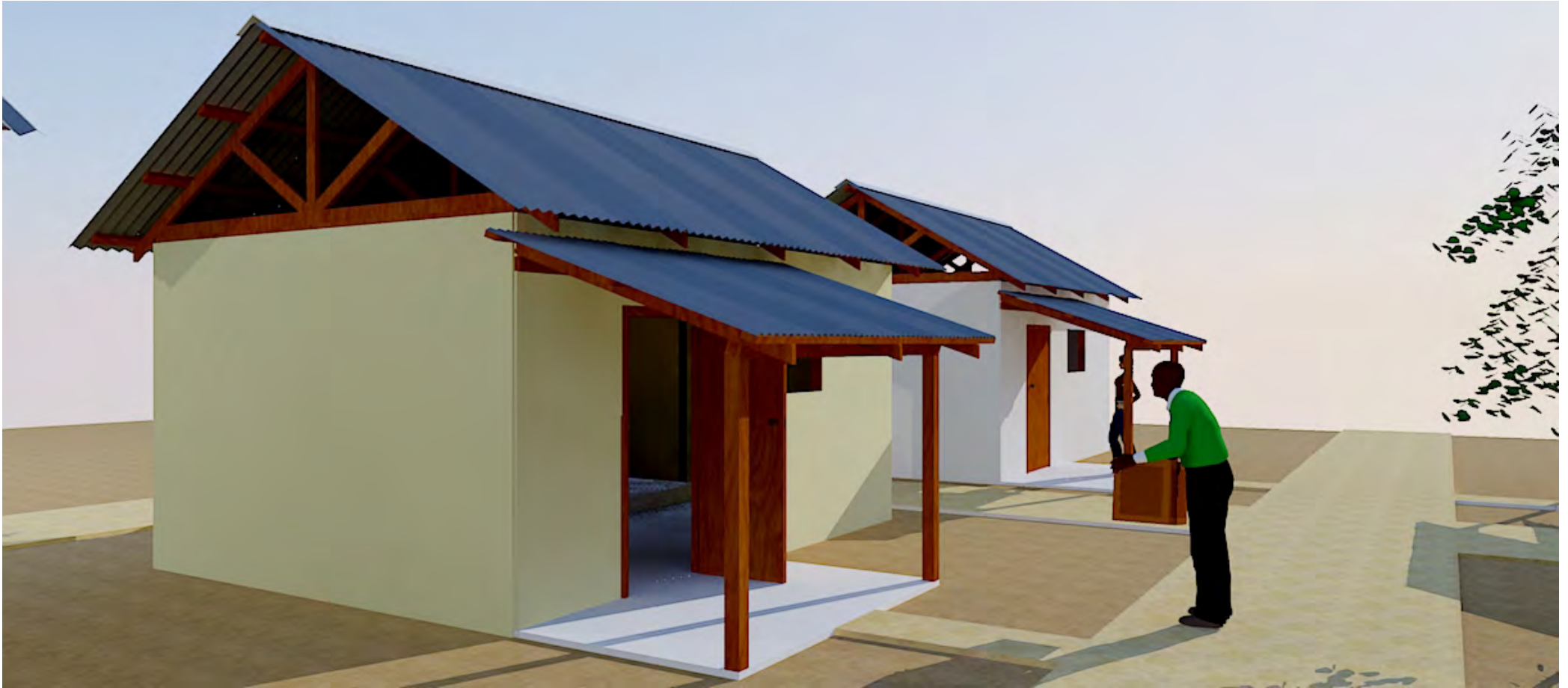
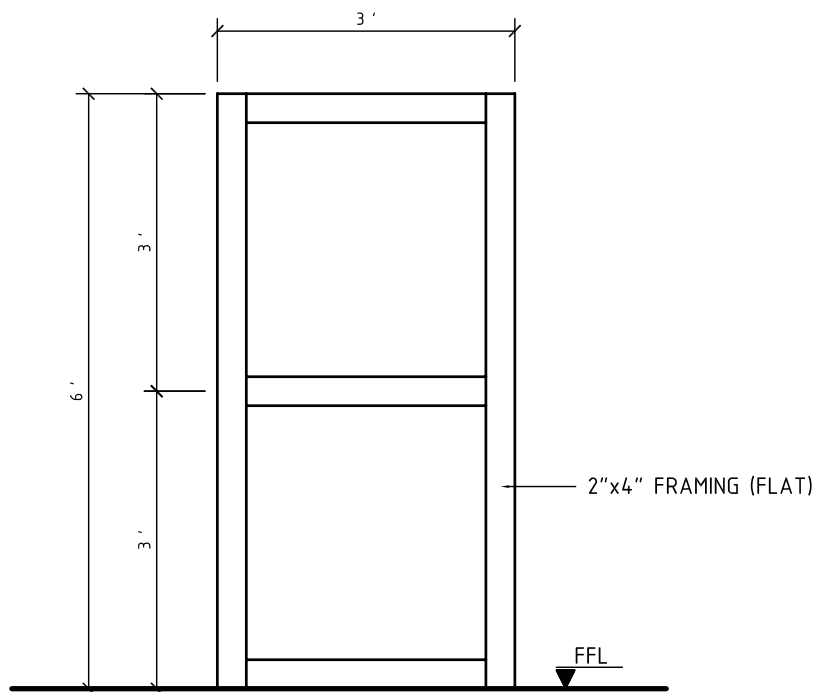


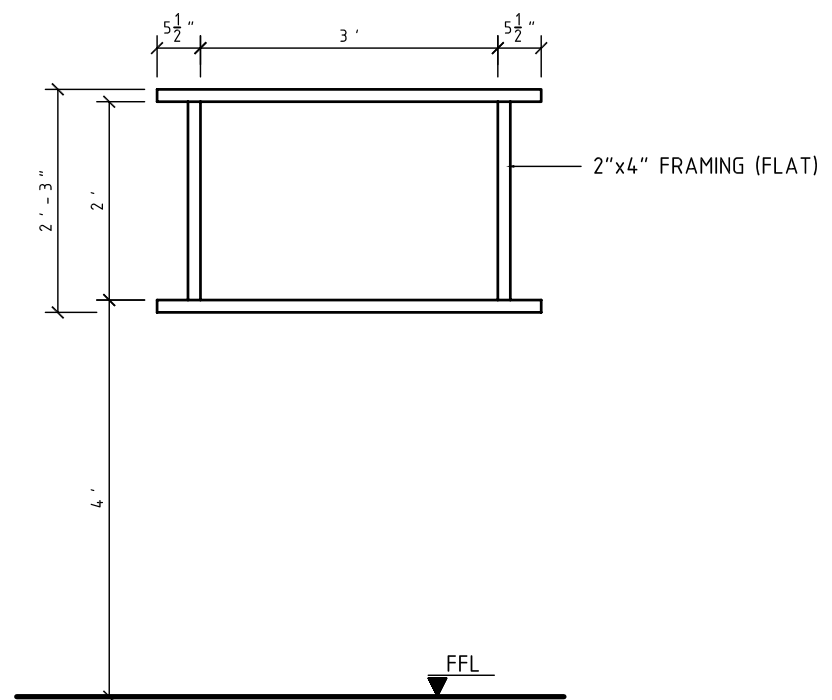
HAITI TRANSITIONAL SHELTER DESIGN



UNOPS
HAITI OPERATIONS CENTRE

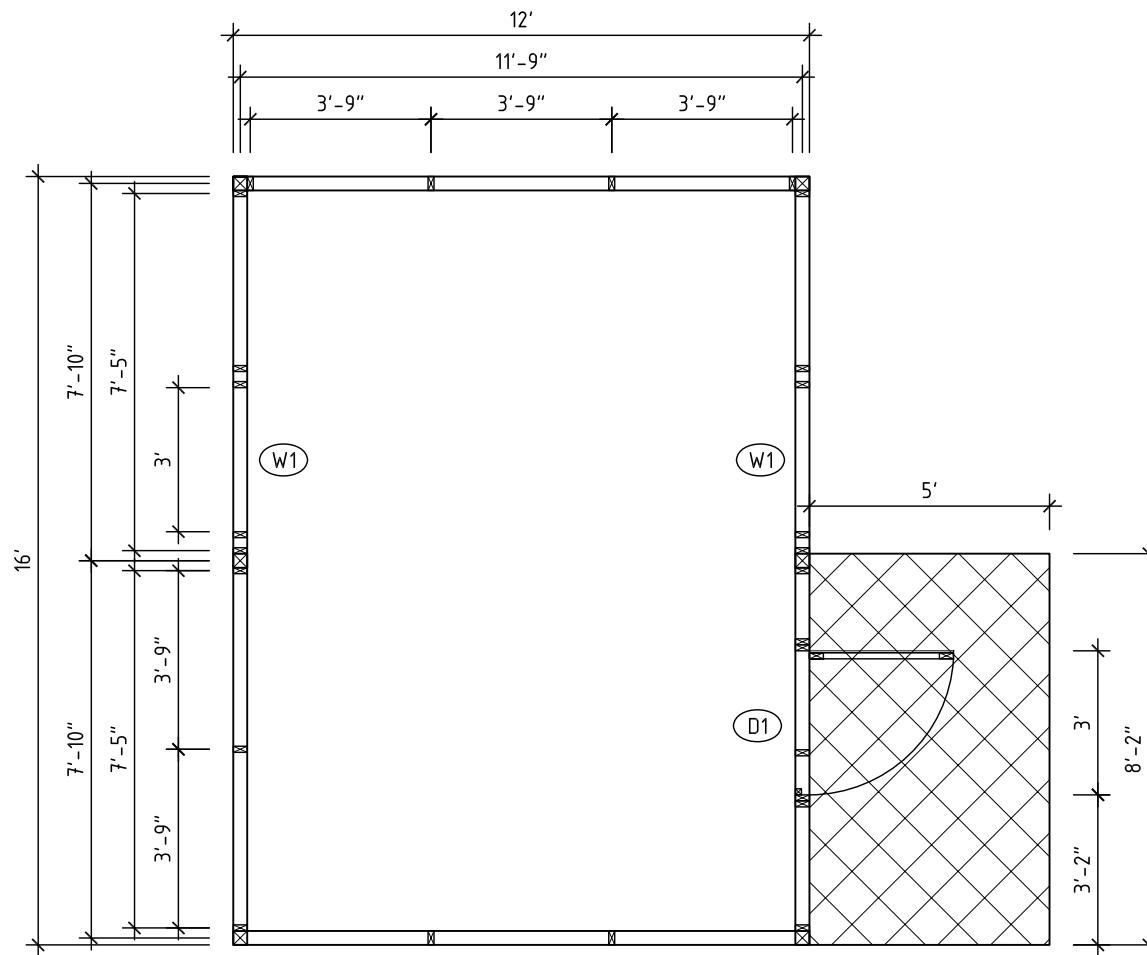


DOOR - D1
SCALE - 1" : 2'



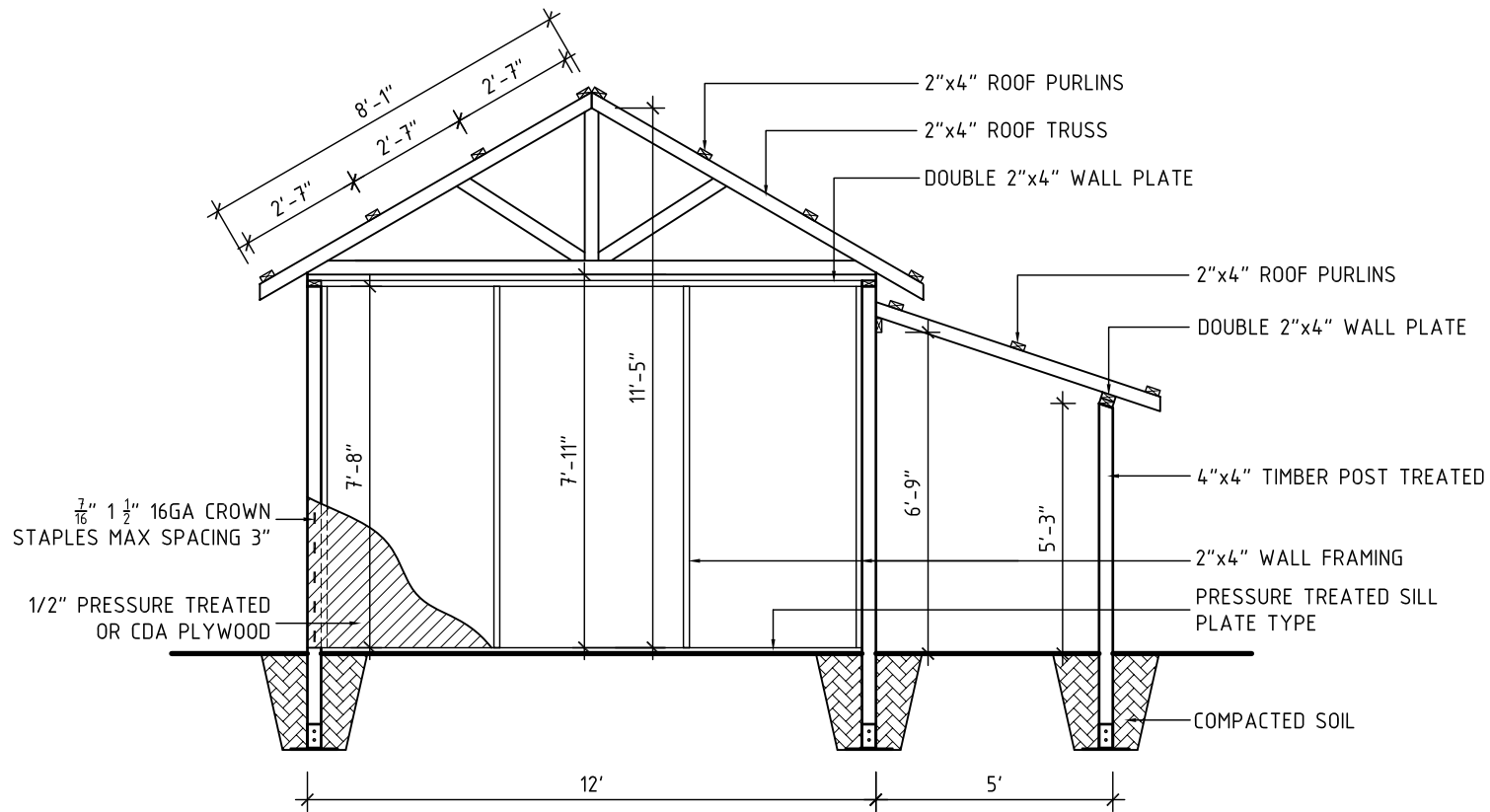
WINDOW - W1
SCALE - 1" : 2'

TYPE	SIZE	SILL	DESCRIPTION	Nos
D1	3'x6'	-	TIMBER FRAME, TIMBER SASH DOOR	01
W1	3'x2'	4'	TIMBER FRAME, TIMBER SASH WINDOW	02



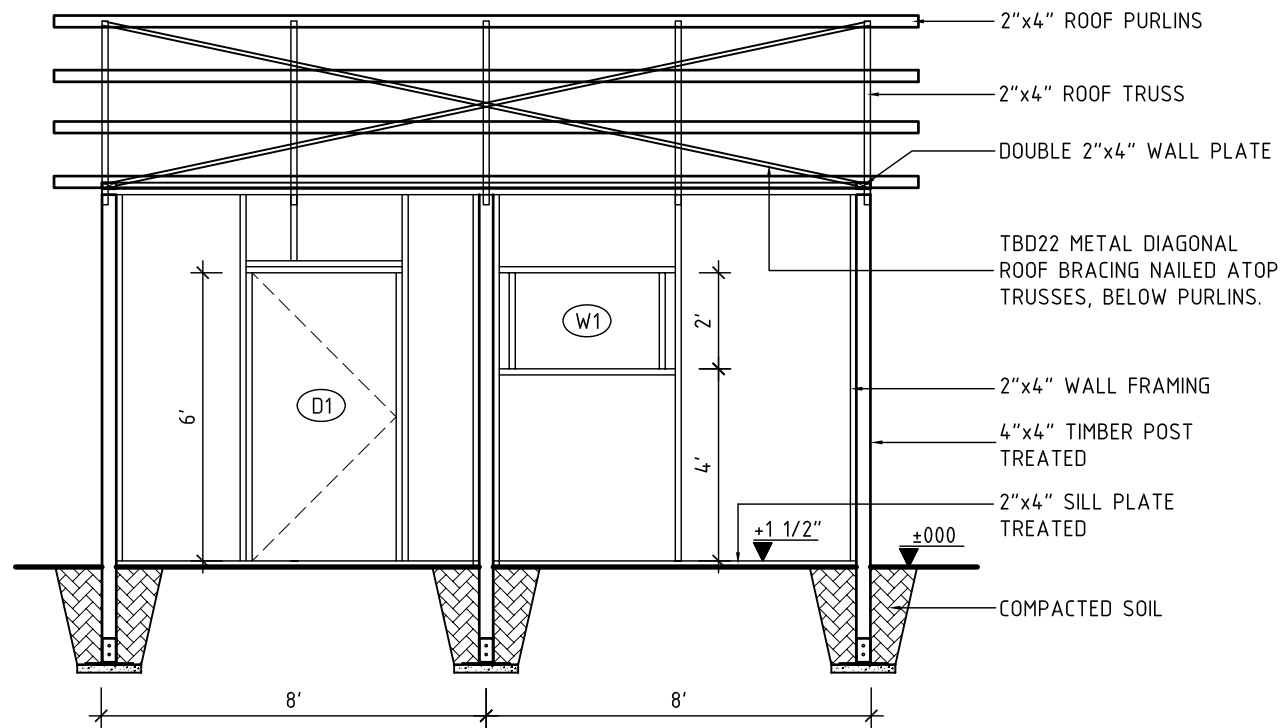
POST AND WALL PLATES

SCALE - 1" : 4'



END ELEVATION

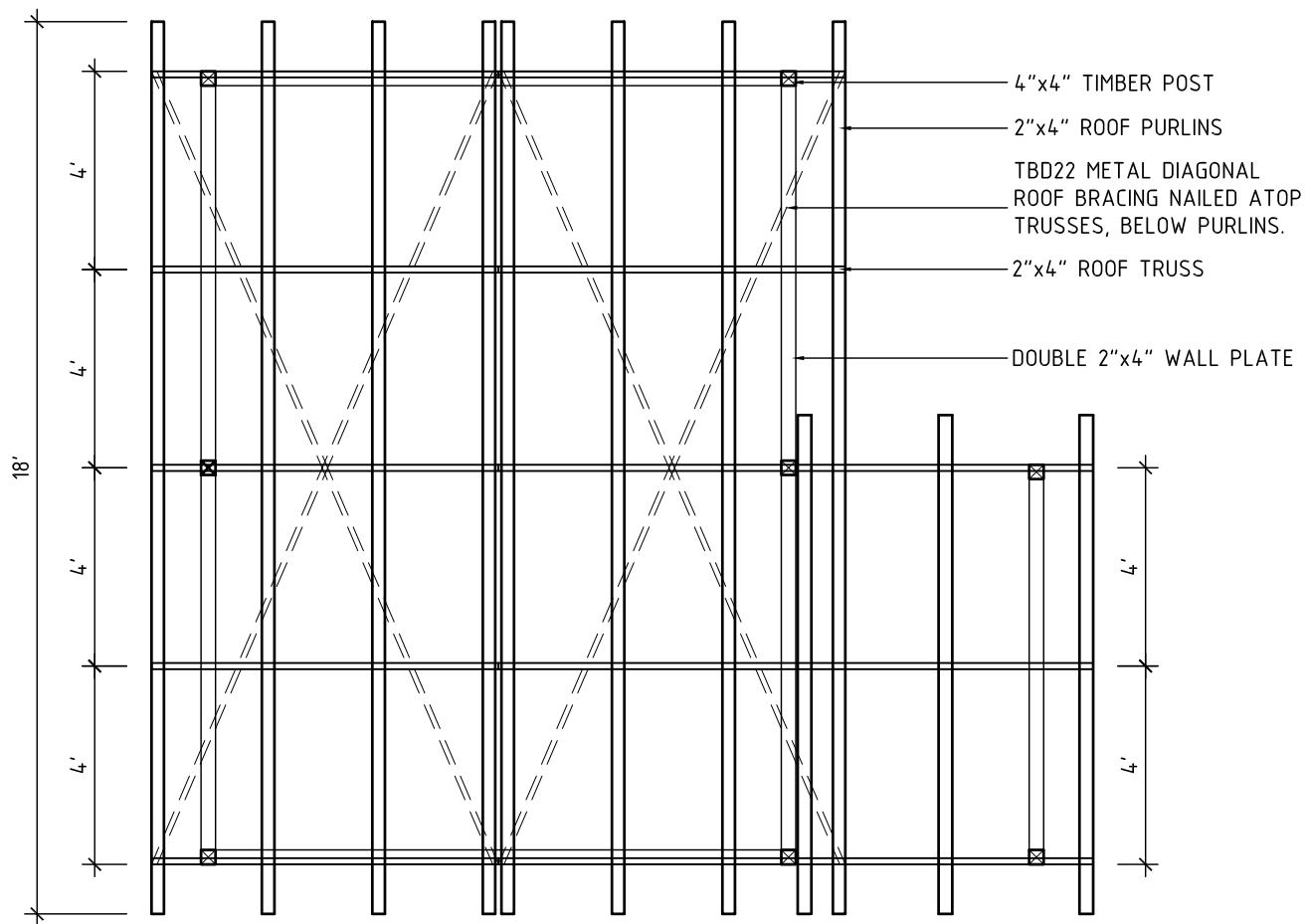
SCALE - 1" : 4'



SIDE ELEVATION

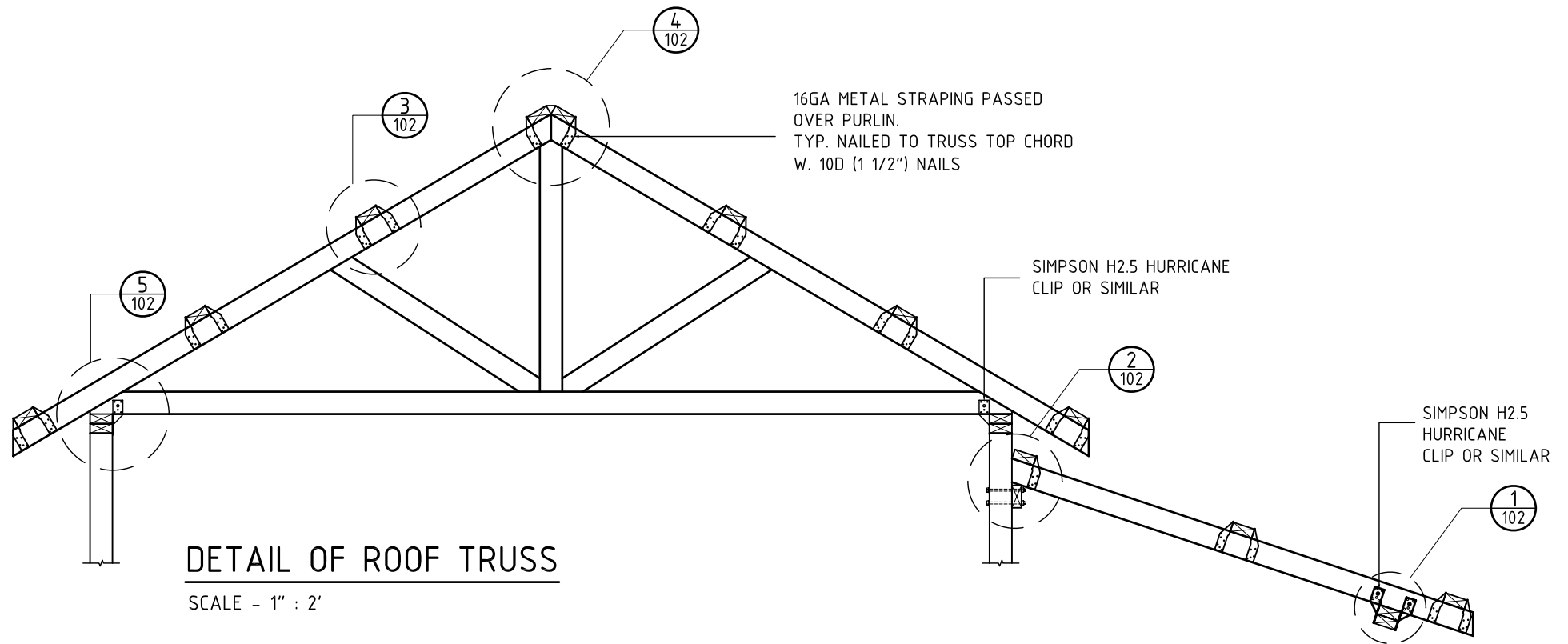
SCALE - 1" : 4'

Note :
PORCH FRAMING AND ROOF NOT SHOWN FOR CLARITY.



ROOF LAYOUT

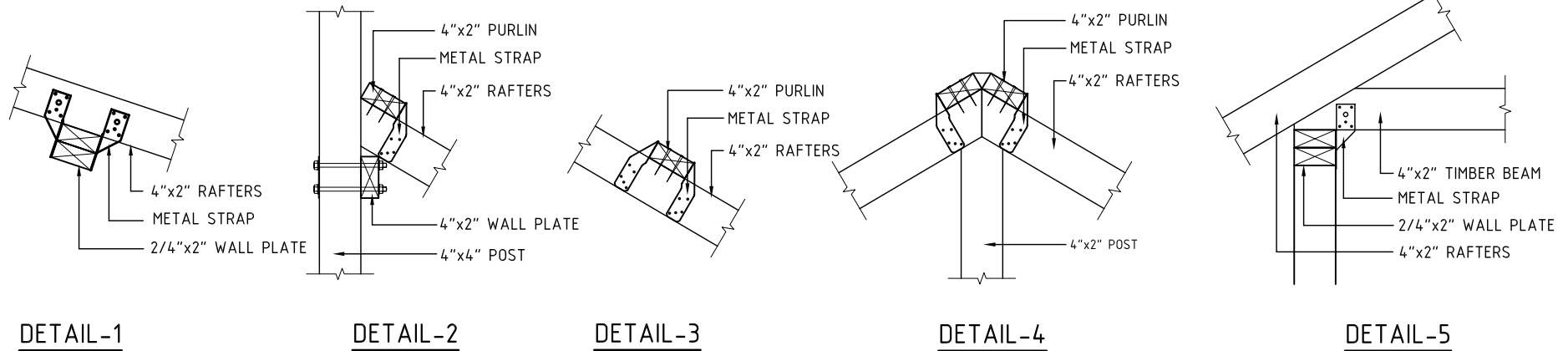
SCALE - 1" : 4'

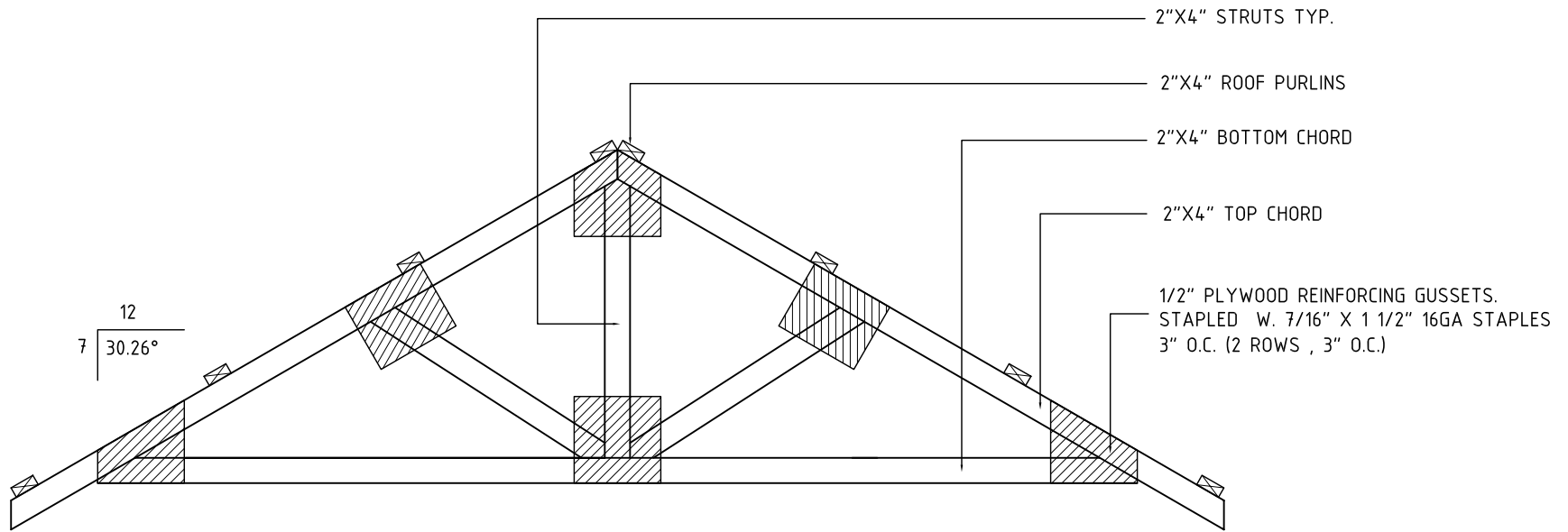


DETAIL OF ROOF TRUSS

SCALE - 1" : 2'

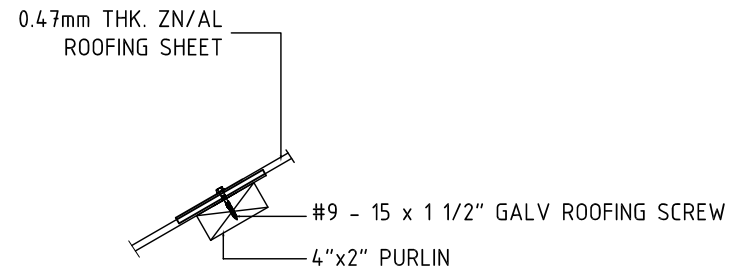
NOTE:
PLYWOOD REINFORCING GUSSETS NOT SHOWN FOR CLARITY.





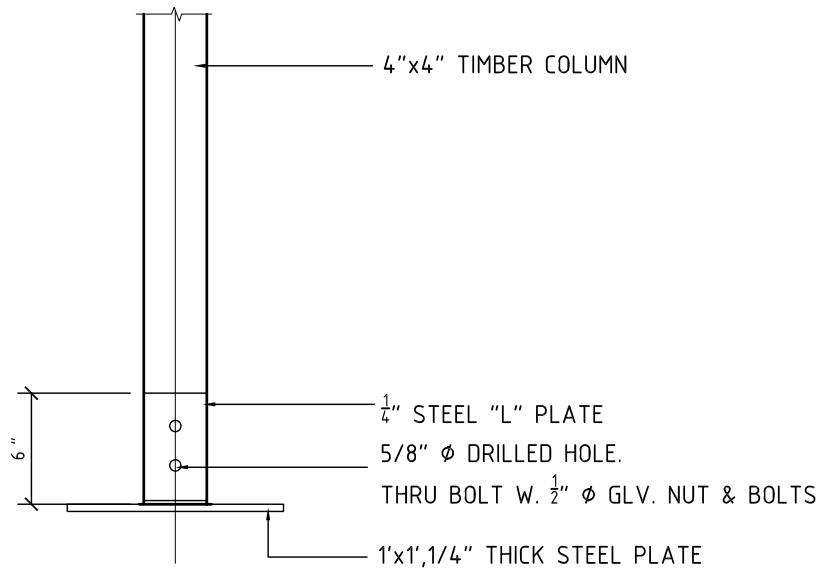
DETAIL OF ROOF TRUSS

SCALE - 1" : 2'

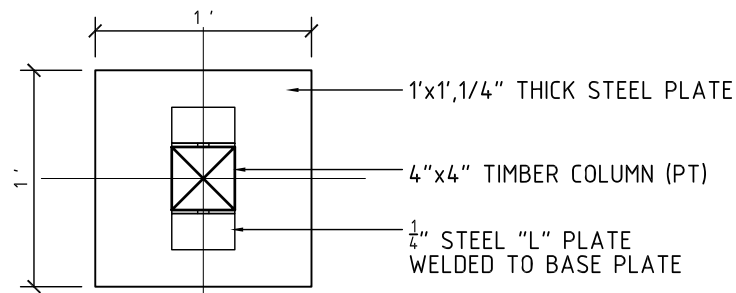


FIELD - 8" O.C. INTERMEDIATE PURLINS
PERIMETER - 5 5/16" O.C. EAVES, RIDGES, ENDCAPS

TYPICAL ROOF SHEETING CONNECTION

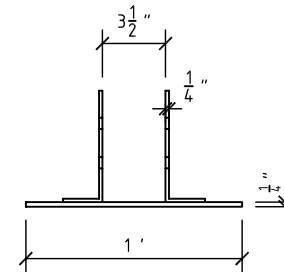


SECTION



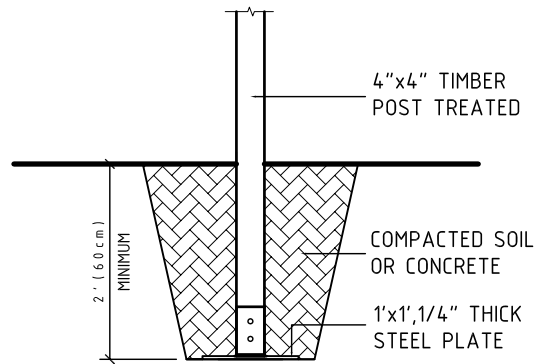
PLAN

COLUMN FOOTING DETAIL

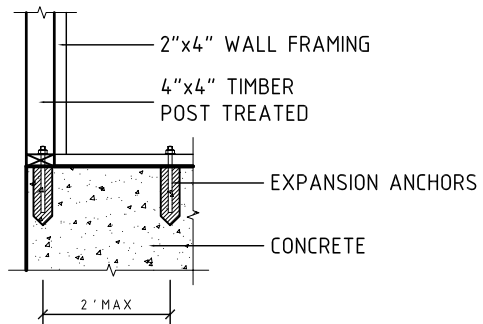


NOTE:

1. All connections shall be with GI nails and shall be selected according to the timber thickness
2. All timber elements embedded in the soil shall be ACQ pressure treated.
3. All timber shall be class 2 seasoned timber.
4. All steel to be hot dipped galvarnized.
5. Structure loading based on American Society of Civil Engineers
/ Structural Engineering Institute Standard 7-05
6. Importance factor = 1.0
7. Exposure Factor = C.
8. Basic Wind Speed = 130 mph (approximate category 3 hurricane).
9. Soil Density = 100 pcf
10. Soil bearing capacity = 2000 psf.



OPTION 1
4" x 4" POST WITH METAL POST BASE BURIED



OPTION 2
STRUCTURE ATTACHED TO EXISTING
FOUNDATION OR CONCRETE SLAB

NOTE:

1. METAL POST BASES TO BE PLACED UPON VIRGIN OR COMPACTED SOIL.
2. EARTH BACKFILL TO BE COMPACTED AS FILLED.
3. CONCRETE BACKFILL TO BE TYPE I, MIN $f'_c=3000$ PSI.
4. ON EXISTING SLAB, USE MIN $\frac{1}{2}$ "x $\frac{1}{2}$ " WEDGE ANCHORS MIN EMBODIMENT $3\frac{1}{2}$ " AT 2' (60CM) O.C.