

STRUCTURAL DESIGN NOTES:

1. STRUCTURE IS DESIGNED FOR A MAXIMUM DESIGN OF:
 - a) FLOOR LOAD = 40 (PSF) LIVE LOAD & 10 (PSF) DEAD LOAD
 - b) ROOF LOAD = 20 (PSF) LIVE LOAD & 10 (PSF) DEAD LOAD

2. THIS STRUCTURAL DESIGN MEETS INTERNATIONAL CODE COUNCIL REQUIREMENTS FOR 115 MPH WIND SPEED (MAX.) AND SEISMIC ZONE D.

2x4 (#2 SPF) TRUSS RAFTERS AT 24" O.C. (MAXIMUM)
NOT DRAWN TO SCALE

ROOFING MATERIAL PER CUSTOMER

7/16" O.S.B. ROOF SHEATHING
ATTACHED W/ 8D NAILS AT
12" O.C. AT FIELD AND 6" O.C. AT EDGES

FASCIA AND SOFFIT TRIM MAY
VARY PER STYLE AND CUSTOMER

DOUBLE TOP PLATE
(2X6 TOP AND 2X4 BOTTOM)

2x4 (#2 SPF) WALL STUDS
AT 16" O.C.

7/16" O.S.B. WALL SHEATHING
WITH CLADDING PER CUSTOMER
ATTACHED W/ 8d NAILS
- OR -

P.T. 5/8" (T1-11) PLYWOOD SIDING PANEL
GALV. 1.75"L x 0.09" DIA. COIL NAILS

SHEATHING ATTACHED AT:
12" O.C. AT FIELD
6" O.C. AT EDGES

5/8" T&G SUB FLOOR

P.T. PERIMETER BAND
(MATCH JOIST SIZE)

C.M.U. PILLAR (BEYOND)
SOLID BEARING, HEIGHT VARIES
PER GRADE
(SEE FND. PLAN FOR LOCATIONS)

HELICAL ANCHOR,
(LOAD CAPACITY = 1400# MIN)
EMBED 15" MINIMUM
(SEE FND. PLAN FOR LOCATIONS)
w/ METAL STRAPS LOOPED OVER
RUNNERS
(ASSUMED 1500 PSI SOIL BEARING)

METAL GUSSET PLATE TO ACT AS
COLLAR TIE (SEE TRUSS DRAWINGS)

2x4 (#2 SPF) RAFTER TIES
AT 6'-0" O.C. (MAXIMUM)

VARIABLE DISTANCE
8' WIDE = 8" MAX.
10' WIDE = 10" MAX.
12' WIDE = 9" MAX.
14' WIDE = 7" MAX.

STRUCTURE IS NOT DESIGNED
AS A HABITABLE SPACE

P.T. 2x4 (#2 SYP) FLOOR JOIST
(AT 8' WIDE & 10' WIDE)
P.T. 2x6 (#2 SYP) FLOOR JOIST
(AT 14' WIDE)
AT 16" O.C. (MAXIMUM)

P.T. 4x6 (#2 SYP) CONT. RUNNERS
(SEE FOUNDATION PLAN FOR LOCATIONS)
NOTCHED 2" (MAXIMUM) FOR FLR. JOIST

STRAP MATERIAL SHALL BE
1/8" 7X19 GALVANIZED
AIRCRAFT CABLE MBS 2000 LB.



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|-------------|----------------------|------------------------|
| SHED STYLE: | LOFTED BARN | |
| SHED SIZE: | SEE PLAN | SCALE: 5/8" = 1'-0" |
| DATE: | 07.08.19 | DRAWN BY: DOUG GAITHER |
| SHEET NAME: | TYPICAL WALL SECTION | |

STRUCTURAL ENGINEER:

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