

STRUCTURAL DESIGN NOTES:

- STRUCTURE IS DESIGNED FOR A MAXIMUM DESIGN OF:
 - FLOOR LOAD = 40 (PSF) LIVE LOAD & 10 (PSF) DEAD LOAD
 - ROOF LOAD = 20 (PSF) LIVE LOAD & 10 (PSF) DEAD LOAD
- THIS STRUCTURAL DESIGN MEETS INTERNATIONAL CODE COUNCIL REQUIREMENTS FOR 115 MPH WIND SPEED (MAX.) AND SEISMIC ZONE D

VARIABLE
 8' WIDE = 6/12
 10' WIDE = 6/12
 12' WIDE = 6/12
 14' WIDE = 5/12

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

2x4 (#2 SPF) TRUSS RAFTERS AT 24" O.C. (MAXIMUM)

RUN
RISE

ROOFING MATERIAL PER CUSTOMER

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

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

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

FASCIA AND SOFFIT TRIM MAY VARY PER STYLE AND CUSTOMER

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

STRUCTURE IS NOT DESIGNED AS A HABITABLE SPACE

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

P.T. 2x4 (#2 SYP) FLOOR JOIST (AT 8' WIDE & 10' WIDE & 12' WIDE)
 P.T. 2x8 (#2 SYP) FLOOR JOIST (AT 14' WIDE)
 AT 16" O.C. (MAXIMUM)

5/8" T&G SUB FLOOR

P.T. PERIMETER BAND (MATCH JOIST SIZE)

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

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)

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



LIBERTY
STORAGE SOLUTIONS

SHED STYLE: UTILITY & SOUTHERN CLASSIC

SHED SIZE: SEE PLAN

SCALE: 5/8" = 1'-0"

DATE: 07.08.19

DRAWN BY: DOUG GAITHER

SHEET NAME: TYPICAL WALL SECTION

STRUCTURAL ENGINEER:

P.E. ROBBINS, P.E.

1777 STATE ROUTE 167
 VICTORIA, IL 61485
 PHONE: (309) 879-3258



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