

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)

RISE
 RUN

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)

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

STRUCTURE IS NOT DESIGNED AS A HABITABLE SPACE

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

- OR -
 P.T. 5/8" (T-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. 2x6 (#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.

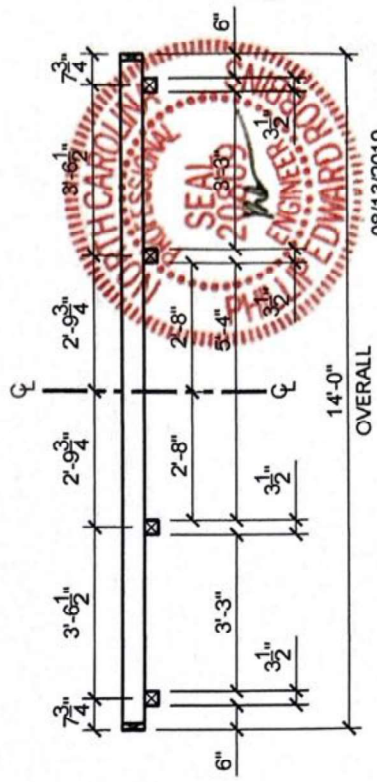
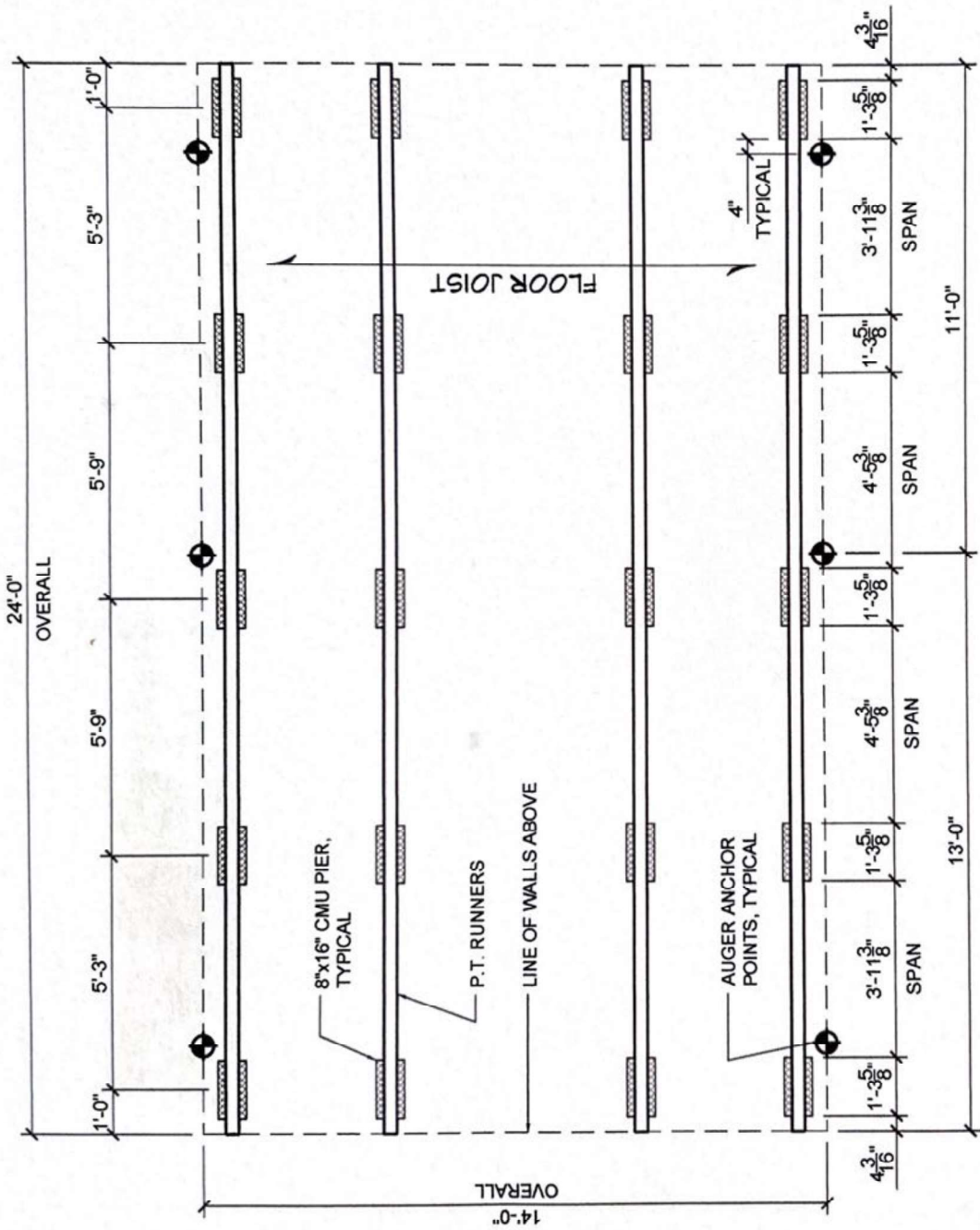


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|-------------|----------------------------|------------------------|
| SHED STYLE: | UTILITY & SOUTHERN CLASSIC | |
| SHED SIZE: | SEE PLAN | SCALE: 5/8" = 1'-0" |
| DATE: | 07.08.19 | DRAWN BY: DOUG GAITHER |
| SHEET NAME: | TYPICAL WALL SECTION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

STRUCTURAL ENGINEER:
P.E. ROBBINS, P.E.
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 PHONE: (309) 879-3258




08/13/2019
 PER191842



PLAN VIEW

NOTES:
 THIS DESIGN MEETS INTERNATIONAL CODE COUNCIL REQUIREMENTS FOR 115 MPH WIND SPEED (MAXIMUM) AND SEISMIC ZONE D.

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|---|---|--|
|  <p>LIBERTY STORAGE SOLUTIONS</p> | <p>SHED STYLE: SEE TYPICAL WALL SECTION</p> | <p>STRUCTURAL ENGINEER:</p> |
| | <p>SHED SIZE: 14x24</p> | <p>SCALE: 1/4" = 1'-0"</p> |
| <p>DATE: 07.08.19</p> | <p>DRAWN BY: DOUG GAITHER</p> | <p>SECTION VIEW</p> |
| <p>SHEET NAME: FOUNDATION AND ANCHORING LAYOUT</p> | <p>OVERALL</p> | <p>08/13/2019 PER191842</p> |