

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.

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

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

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)

RUN
 RISE

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

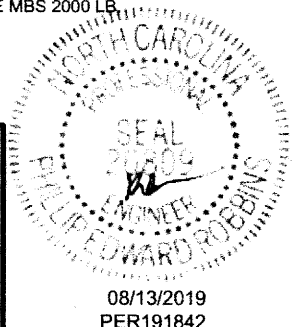
P.T. 2x4 (#2 SYP) FLOOR JOIST
 (AT 8' WIDE & 10' WIDE & 12' WIDE)
 P.T. 2x6 (#2 SYP) FLOOR JOIST
 (AT 14' WIDE)
 AT 16" O.C. (MAXIMUM)

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

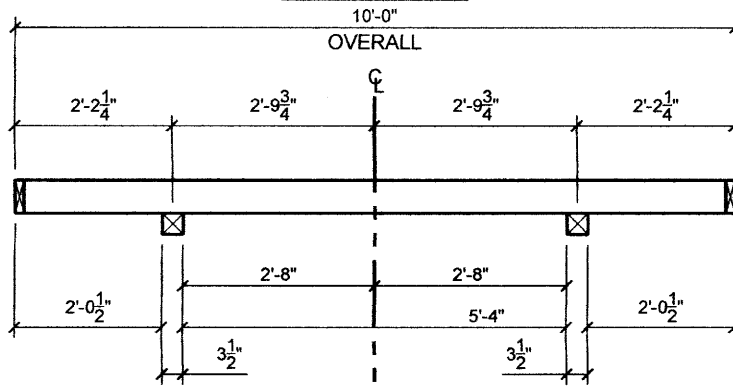
STRAP MATERIAL SHALL BE
 1/8" 7X19 GALVANIZED
 AIRCRAFT CABLE MBS 2000 LB.



SHED STYLE: UTILITY & SOUTHERN CLASSIC		STRUCTURAL ENGINEER:	
SHED SIZE: SEE PLAN	SCALE: 5/8" = 1'-0"	P.E. ROBBINS, P.E. 1777 STATE ROUTE 167 VICTORIA, IL 61485 PHONE: (309) 879-3258	
DATE: 07.08.19	DRAWN BY: DOUG GAITHER		
SHEET NAME: TYPICAL WALL SECTION		08/13/2019 PER191842	

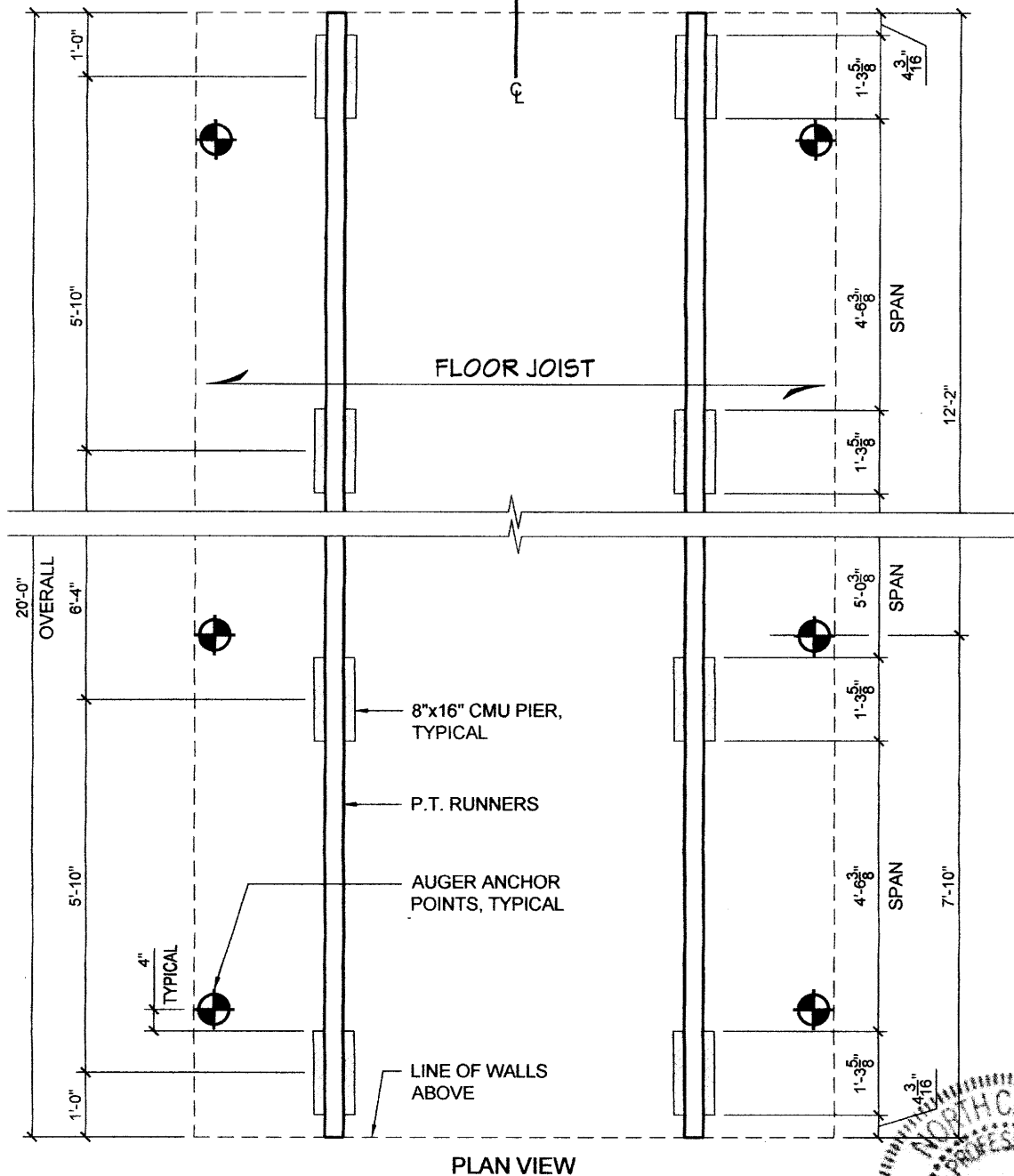


SECTION VIEW



NOTES:

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



PLAN VIEW

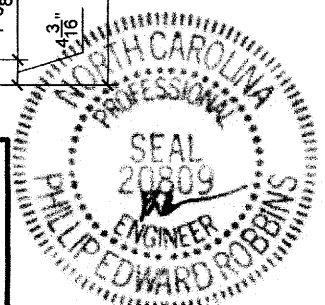


LIBERTY
STORAGE SOLUTIONS

SHED STYLE: SEE TYPICAL WALL SECTION	
SHED SIZE: 10x20	SCALE: 3/8" = 1'-0"
DATE: 07.08.19	DRAWN BY: DOUG GAITHER
SHEET NAME: FOUNDATION AND ANCHORING LAYOUT	

STRUCTURAL ENGINEER:

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



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