

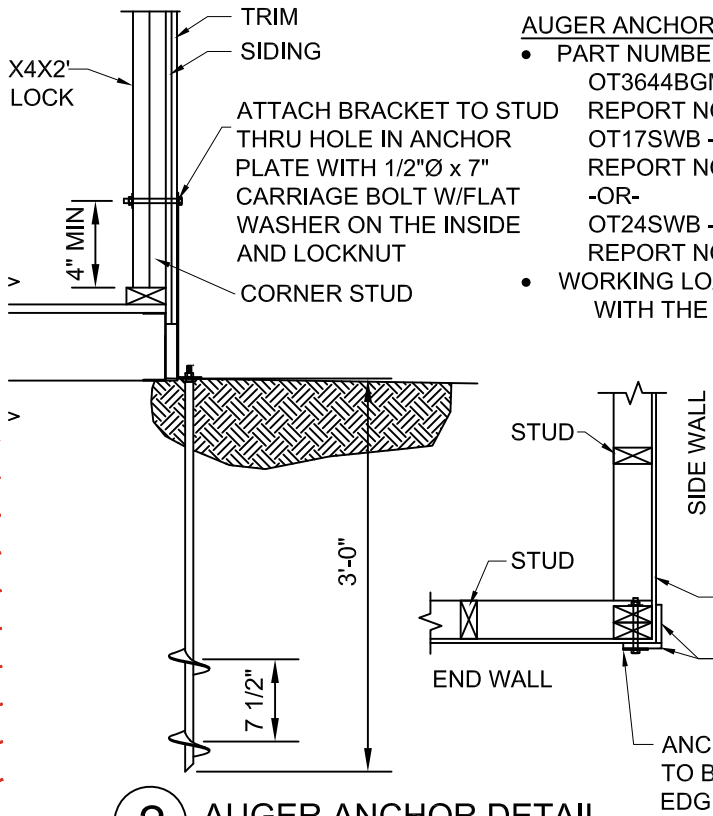
1. STEEL SHED FOUNDATION:
600T125-054 - 16 GAUGE STEEL TRACKS G140 ZINC COATED
600S137-054 - 16 GAUGE STEEL JOISTS G140 ZINC COATED @ 24" O.C.
(SUPPLIER: ALLIED STUDCO (JOIST: 600S137-054 / TRACK: 600T125-054) ICC ER-4943P.
2. 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL SPAN. STAGGER PANEL LAYOUT.
3. FASTEN FLOOR DECKING TO JOIST & TRACKS USING #8 x 1-5/8" ZINC PLATED SCREWS @ 12" O.C.
NO BLOCKING REQUIRED. ALL EDGES SHALL LIE ON FLOOR JOISTS. STAGGER PANEL LAYOUT PER APA CONDITION 1.
4. FASTEN SOLE PLATE THROUGH FLOOR DECKING INTO JOISTS OR TRACKS WITH #12-14 X 3" GALVANIZED SELF-DRILLING SCREWS @ 12" O.C.
5. ALLOWABLE FLOOR LIVE LOAD: 75 PSF FOR STEEL JOISTS CONTINUOUSLY SUPPORTED. 50 PSF FOR JOISTS ON BLOCKS AS SHOWN.
6. USE OPTIONAL CONCRETE BLOCKS AS REQUIRED TO LEVEL BUILDING:
SUGGESTED SIZES: 2X8 x 16", 4" x 8" x 16", OR 8" x 8" x 16".
BLOCKS UNDER JOISTS SPACED @ 8'-0" O.C. MAXIMUM.
BLOCKS UNDER TRACK SPACED @ 4'-0" O.C. MAXIMUM.

BASE PLATE SCREW SPACING	
WIDTH	SPACING
6'-8'	12" O.C.
10'-12'	8" O.C.

1

STEEL SHED BASE DETAIL

SCALE: N.T.S.



AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES

- PART NUMBERS:
OT3644BGMP- 5/8" X 36" (36" IMBED) GALVANIZED AUGER REPORT NO. RAD-3060
OT17SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS REPORT NO. LO-FJ90129-A
-OR-
OT24SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS REPORT NO. LO-FJ90129-B
- WORKING LOAD FOR ANCHOR SYSTEM IS 3,150 LBS WITH THE MAXIMUM LOAD OF 4,725 LBS

AUGER ANCHORS		
WIDTH	LENGTH	# OF ANCHORS
8'	8'-14'	4 ANCHORS
8'	16'-24'	6 ANCHORS
10'	10'-14'	4 ANCHORS
10'	16'-24'	6 ANCHORS
12'	12'-14'	4 ANCHORS
12'	16'-24'	6 ANCHORS

PROVIDE (1) ANCHOR AT EACH CORNER OF BUILDING. PROVIDE (1) ANCHOR AT CENTER OF EACH SIDEWALL FOR 16'-24' LONG BUILDINGS.

SIDE WALL EDGE NAILING REQUIREMENTS

MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	EDGE NAILING	MAX. COMB. OPENING (NOTE 2)	MIN TOTAL COMBINED SHEAR WALL
-----------------------	----------------	------------------	--------------	-----------------------------	-------------------------------

NO OPENINGS ALONG THE WALL

	8'	8'-24'	8d NAILS @ 6" O.C.	0'	8'-24'
	10'	10'-24'	8d NAILS @ 6" O.C.	0'	10'-24'
	12'	12'-24'	8d NAILS @ 6" O.C.	0'	12'-24'

MIN 2'-4" RTN WALLS ON EACH END OF WALL- MIN 2'-4" WALL SEGMENT

	8'	8'-24'	8d NAILS @ 6" O.C.	UP TO 12'	6'
	10'	10'-24'	8d NAILS @ 6" O.C.	UP TO 12'	7'
	10'	10'-24'	8d NAILS @ 4" O.C.	UP TO 12'	5'
	12'	12'-24'	8d NAILS @ 6" O.C.	UP TO 12'	9'
	12'	12'-24'	8d NAILS @ 4" O.C.	UP TO 12'	5'

ROOF SHEATHING (7/16" OSB)

WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.
8'	8'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.
10'	10'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.
12'	12'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.

NOTES:

1. USE 8d COMMON OR GALVANIZED BOX NAILS.

END WALL EDGE NAILING REQUIREMENTS

MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	EDGE NAILING	MAX. COMB. OPENING	MIN TOTAL COMBINED SHEAR WALL
-----------------------	----------------	------------------	--------------	--------------------	-------------------------------

NO OPENINGS ALONG THE WALL

	8'	8'-22'	8d NAILS @ 6" O.C.	0'	8'
	8'	24'	8d NAILS @ 4" O.C.	0'	8'
	10'	10'-24'	8d NAILS @ 6" O.C.	0'	10'
	12'	12'-24'	8d NAILS @ 6" O.C.	0'	12'

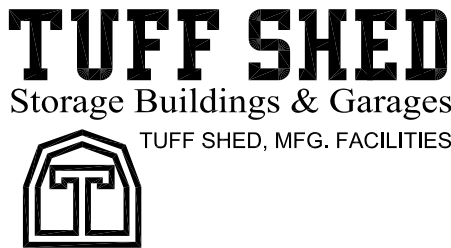
MIN 2'-4" RTN WALLS ON EACH END OF WALL-

MIN 2'-4" WALL SEGMENT

	8'	8'	8d NAILS @ 6" O.C.	3'	5'
	8'	10'-14'	8d NAILS @ 4" O.C.	3'	5'
	8'	16'-18'	8d NAILS @ 3" O.C.	3'	5'
	8'	8'-10'	8d NAILS @ 4" O.C.	4'	4'
	8'	12'-16'	8d NAILS @ 3" O.C.	4'	4'
	10'	10'	8d NAILS @ 6" O.C.	4'	6'
	10'	10'-16'	8d NAILS @ 4" O.C.	4'	6'
	10'	18'-22'	8d NAILS @ 3" O.C.	4'	6'
	10'	10'-14'	8d NAILS @ 4" O.C.	5'	5'
	10'	16'-18'	8d NAILS @ 3" O.C.	5'	5'
	10'	10'	8d NAILS @ 4" O.C.	6'	4'
	10'	12'-14'	8d NAILS @ 3" O.C.	6'	4'
	12'	12'-14'	8d NAILS @ 6" O.C.	4'	8'
	12'	16'-20'	8d NAILS @ 4" O.C.	4'	8'
	12'	22'-24'	8d NAILS @ 3" O.C.	4'	8'
	12'	12'-16'	8d NAILS @ 4" O.C.	6'	6'
	12'	18'-20'	8d NAILS @ 3" O.C.	6'	6'
	12'	12'-14'	8d NAILS @ 3" O.C.	8'	4'

TABLE NOTES:

1. NAILING IS FOR 3/8" SMARTSIDE PANEL OR 3/8" SILVERSIDE PANEL.
2. NO SINGLE OPENING GREATER THAN 8'-0"
3. 6' WIDE X 6'-8' LENGTH BUILDINGS ARE BASED ON 3-SIDED DIAPHRAGM. THE END WALL OPPOSITE OF THE OPENING MUST BE FULLY SHEATHED, IN THE 3-SIDED DIAPHRAGM CASES. THE END WALL WITH THE OPENING DOES NOT HAVE A MIN. RETURN WALL ON EACH SIDE OF THE OPENING.
4. USE COMMON NAILS WITH A MINIMUM SHANK DIAMETER OF 0.113" AND A MINIMUM LENGTH OF 2 1/2".
5. FIELD NAILING FOR 3/8" SMARTSIDE: 8d @ 12" O.C.
6. ON THESE BUILDINGS 6' X 10'-24' THE 3' DOOR IN THE END WALL WILL NEED TO BE OFF SET. THERE WILL BE A 2'-4" PANEL ON ONE SIDE AND A 8" PANEL ON THE OTHER SIDE OF THE DOOR.
7. (BS)- DESIGNATES WALLS THAT NEED TO BE SHEATHED ON BOTH SIDES.



Order #.	
Customer:	
Site Address:	
Building Size:WIDTH - LENGTH - HEIGHT - SQ. FT. AREA	

P.O. #	
Drawn By: SJ	
Date: 1/21/19	
Checked By:	
Date:	
Scale: N.T.S.	

THESE DRAWINGS AND THE DESIGN ARE THE PROPERTY OF TUFF SHED, INC. THESE DRAWINGS ARE FOR A BUILDING TO BE SUPPLIED AND BUILT BY TUFF SHED. ANY OTHER USE IS FORBIDDEN BY BOTH TUFF SHED AND THE ENGINEER OF RECORD

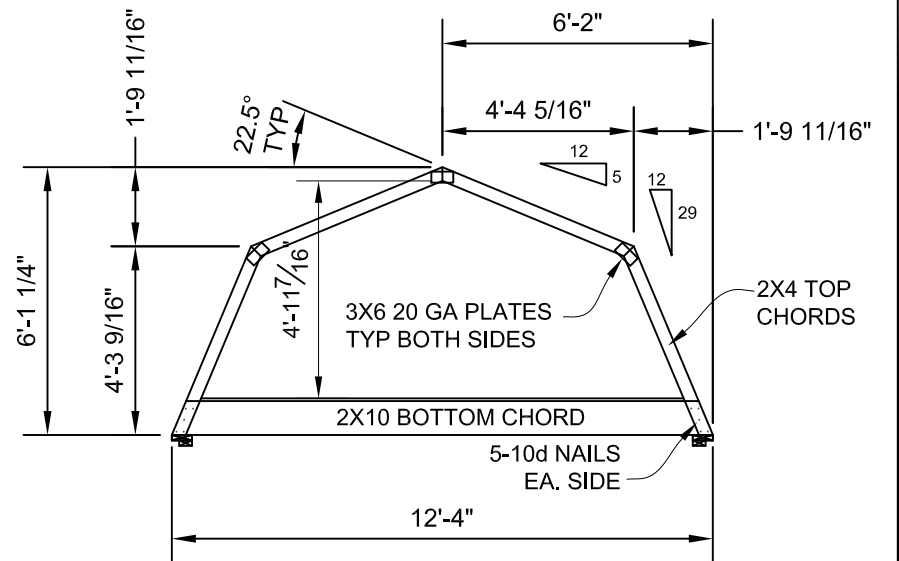
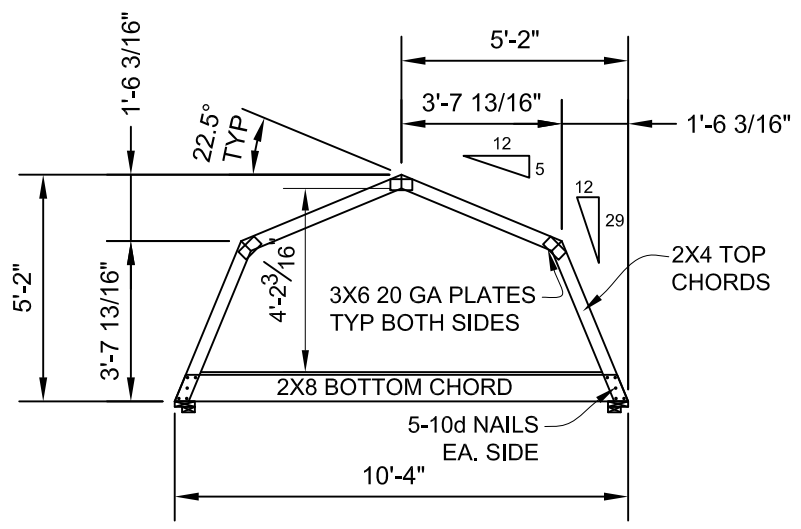
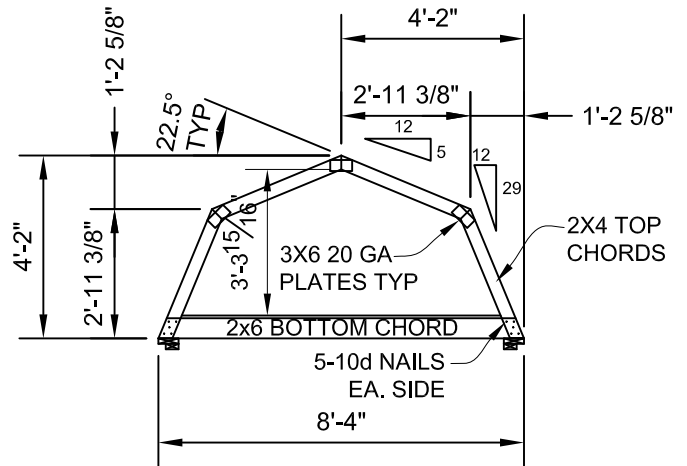
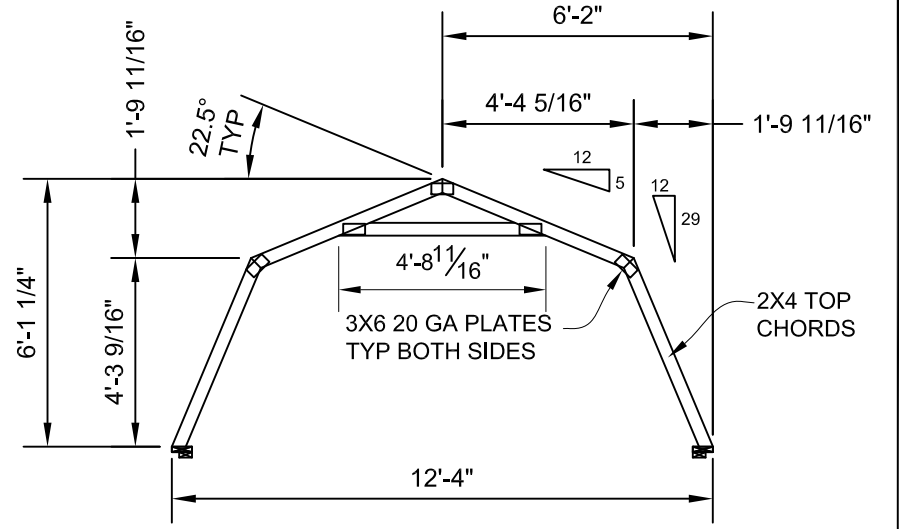
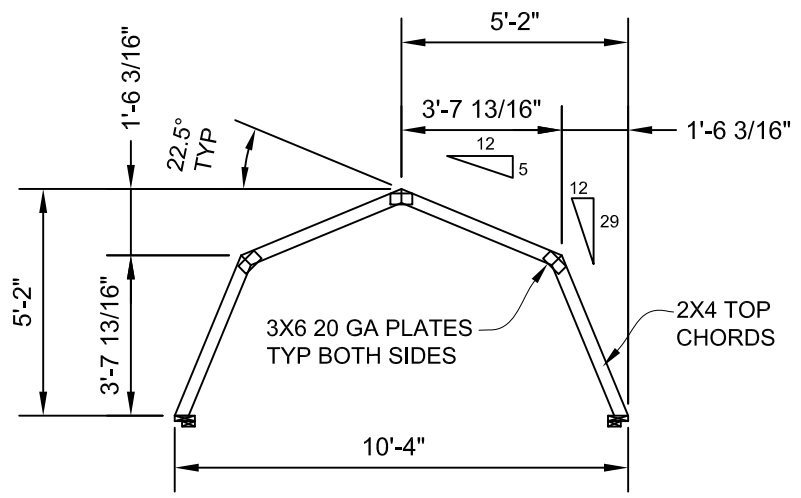
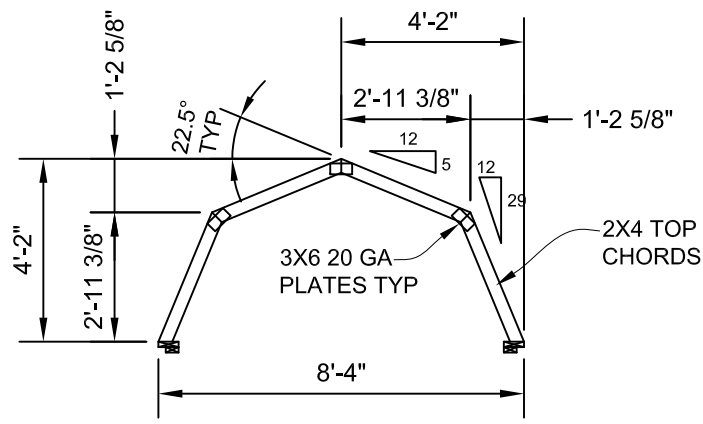
TUFF SHED, INC.
ENGINEERING DEPARTMENT

RICHARD J. WILLS, P.E.

1777 S. HARRISON STREET
DENVER, COLORADO 80210
(303) 753-8833 EXT. 96315

TITLE
GENERAL DETAILS
& TABLES
115 MPH, EXP. C

DRAWING NO.
610-PPTB-TB800-01
REV. LEVEL 01
SHEET 2
SHEET 2 OF 3



DESIGN LOADS:
TOP CHORD LIVE LOAD = 20 PSF
TOP CHORD DEAD LOAD = 10 PSF
COLLAR TIE DEAD LOAD = 5 PSF

NOTES:
2015 IBC & IRC, 2018 NCBC
ANSI/TPI 1-2014
TRUSSES TO BE SPACED @ 24" OC
MATERIAL TO BE 2X4 SPRUCE PINE FIR GRADE #2
OR BETTER PLATES ARE TO BE PRESSED IN THE
WOOD PER TPI.

REP MEMBER INCREASE: YES
LUMBER D.O.L.: 1.25

WIND:
ASCE 7-10, 115 MPH, Exposure C, D.O.L.=1.60

8' SPAN
REACTIONS:
MAX. VERTICAL: 500 LBS.
MAX. UPLIFT: -195 LBS.

NOTE:
TRUSS MAY BE USED ON BUILDING LENGTHS
UP TO 12FT UNLESS CEILING JOIST OR OTHER
TENSION TIE IS PROVIDED.

10' SPAN
REACTIONS:
MAX. VERTICAL: 620 LBS.
MAX. UPLIFT: -250 LBS.

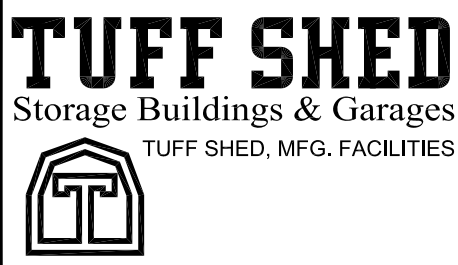
NOTE:
TRUSS MAY BE USED ON BUILDING LENGTHS
UP TO 16FT UNLESS CEILING JOIST OR OTHER
TENSION TIE IS PROVIDED.

12' SPAN
REACTIONS:
MAX. VERTICAL: 740 LBS.
MAX. UPLIFT: -285 LBS.

NOTE:
TRUSS MAY BE USED ON BUILDING LENGTHS
UP TO 20FT UNLESS CEILING JOIST OR OTHER
TENSION TIE IS PROVIDED.

MAXIMUM DEFLECTION (12 FT. SPAN)
VERT LL: 0.06 in.
VERT TL: 0.08 in.

ALL PERSONS FABRICATING, HANDLING, ERECTING OR INSTALLING THIS TRUSS ARE TO DO SO IN
ACCORDANCE TO THE RECOMMENDATIONS OF THE LATEST VERSION OF THE BCSI.



Order #.	
Customer:	
Site Address:	
Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA	

P.O. #	
Drawn By: SJ	
Date: 1/21/19	
Checked By:	
Date:	
Scale: N.T.S.	

THESE DRAWINGS AND THE
DESIGN ARE THE PROPERTY
OF TUFF SHED, INC. THESE
DRAWINGS ARE FOR A
BUILDING TO BE SUPPLIED
AND BUILT BY TUFF SHED.
ANY OTHER USE IS
FORBIDDEN BY BOTH TUFF
SHED AND THE ENGINEER OF
RECORD

TUFF SHED, INC.
ENGINEERING DEPARTMENT

RICHARD J. WILLS, P.E.

1777 S. HARRISON STREET
DENVER, COLORADO 80210
(303) 753-8833 EXT. 96315

TITLE	
TRUSS DETAILS	
115 MPH, EXP. C	

DRAWING NO.	610-PPTB-TB800-01
REV. LEVEL	01
SHEET	3
SHEET	3 OF 3