

UNINHABITED UTILITY SHED UP TO 12' WIDE x UP TO 24' LONG  
PPTR, TR/TRD800

- NOTES:
1. BUILDING CODE: FLORIDA BUILDING CODE, 8th EDITION (2023)  
BUILDINGS ARE NOT FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ)

2. DESIGN LOADING:  
WIND SPEED:  $V_{ult} = 155$   
 $V_{asd} = 120$   
EXPOSURE: C  
ROOF LIVE LOAD: 20 PSF  
ROOF DEAD LOAD: 10 PSF  
FLOOR LIVE LOAD: MIN. 50 PSF (SEE NOTE 5, DETAIL 1, SHEET 3)  
RISK CATEGORY: I  
COMPONENT AND CLADDING: ROOF: 18/-29 PSF (ZONE 1)  
WIND PRESSURE (psf) (ASD VALUES) 18/-50 PSF (ZONE 2)  
18/-74 PSF (ZONE 3)  
WALL: 31/-34 PSF (ZONE 4)  
31/-42 PSF (ZONE 5)

HEADER NAILING:  
HEADER TO STUD - 4-16d END NAIL DOUBLED HEADER  
- 16d @ 16" STAGGERED FACE NAIL

NAILING:  
REFER TO SHEET 2 FOR WALL AND ROOF SHEATHING NAILING.

MAX WALL HEIGHT FOR EACH SHED:  
PPTR - 7'-8¼" (92¼")  
TR/TRD800 - 7'-8¼" (92¼")

SHED SIZE CHART				
WIDTH	PITCH	SIDEWALL HEIGHT	OVERALL HEIGHT	MID-ROOF HEIGHT
6'	4/12	7'-8 ¼"	9'-5 ¾"	8'-10 13⁄16"
8'	4/12	7'-8 ¼"	9'-9 5⁄8"	9'-0 ¾"
10'	4/12	7'-8 ¼"	10'-1 9⁄16"	9'-2 1⁄16"
12'	4/12	7'-8 ¼"	10'-5 ½"	9'-4 5⁄8"
6'	5/12	7'-8 ¼"	9'-9"	9'-0 ¼"
8'	5/12	7'-8 ¼"	10'-2"	9'-2 ¾"
10'	5/12	7'-8 ¼"	10'-6 15⁄16"	9'-5 3⁄16"
12'	5/12	7'-8 ¼"	10'-11 15⁄16"	9'-7 11⁄16"

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:  
USE GALVANIZED 0.113"Øx2¾" RING SHANK NAILS OR 8d COMMON NAILS

3⁄8" SMARTSIDE NAILING REQUIREMENTS 7⁄16" OSB NAILING REQUIREMENTS			
SIDEWALL NAILING (MIN. 2'-6" RETURN EACH END)			
WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
8'	8'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
10'	10'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
12'	12'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.

3⁄8" SMARTSIDE NAILING REQUIREMENTS 7⁄16" OSB NAILING REQUIREMENTS			
END WALL NAILING (MIN. 2'-6" RETURN EACH END)			
WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
8'	8'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
10'	10'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.
12'	12'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 3" O.C.

SIDING TABLE NOTES:

1. NAILING IS FOR 3⁄8" SMARTSIDE PANEL OR 3⁄8" SMARTSIDE WITH FOIL BACKER.

2. MINIMUM 2'-6" RETURN FROM EACH END OF EACH WALL.

3. NO SINGLE OPENING GREATER THAN 8'-0"

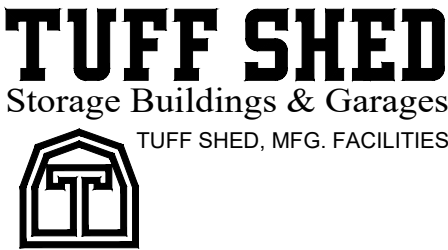
4. \* 6' WIDE X 6'-9' LENGTH BUILDINGS ARE BASED ON 3-SIDED DIAPHRAGM. THE END WALL OPPOSITE OF THE OPENING MUST BE FULLY SHEATHED, IN THE 3-SIDED DIAPHRAGM CASES (NO OPENINGS) AND NAILED AS SPECIFIED. THE END WALL WITH THE OPENING DOES NOT HAVE A MIN. RETURN WALL ON EACH SIDE OF THE OPENING.

5. USE COMMON OR GALVANIZED BOX NAILS WITH A MINIMUM LENGTH OF 2½".

FL PRODUCT APPROVALS			
PRODUCT TYPE	MANUFACTURER	MODEL	FL PRODUCT #
SIDING (PANEL)	LP BUILDING SOLUTIONS	SIDING	FL9190.3
SIDING (LAP)	JAMES HARDIE BUILDING PRODUCTS, INC	LAP	FL10477.1
SIDING (CEMENT)	JAMES HARDIE BUILDING PRODUCTS, INC	CEMENT STUCCO	FL13223.2
IMPACT SLIDING WINDOW	ECO IMPACT SLIDER	IMPACT SLIDER	NOA 19-0219.08
SLIDING WINDOW	TAFCO CORP.	SLIDER	FL20743.1
TUFF SHED DOUBLE DOOR	TUFF SHED, INC.	SHED DOOR	FL22202.1
TUFF SHED DOUBLE DOOR (HVHZ)	TUFF SHED, INC.	SHED DOOR	FL22202.2
TUFF SHED SINGLE DOOR	TUFF SHED, INC.	SHED DOOR	FL22202.3
TUFF SHED SINGLE DOOR (HVHZ)	TUFF SHED, INC.	SHED DOOR	FL22202.4
STEEL DOOR INSWING	JELD-WEN	6 PANEL/3068	FL11136.1
STEEL DOOR OUTSWING	JELD-WEN	6 PANEL/3068	FL11136.2
FULL LITE DOOR	JELD-WEN	EXTERIOR DOOR	FL17454.1
9 LITE DOOR INSWING	JELD-WEN	EXTERIOR DOOR	FL12509.2
9 LITE DOOR OUTSWING	JELD-WEN	EXTERIOR DOOR	FL12509.4
FLOOD VENTS	SMART VENT PRODUCTS, INC	VENT	FL5822.6
RIDGE VENTS	GAF COBRA RIDGE RUNNER	RIDGE VENT	NOA 17-0822.06
RIDGE VENTS	GAF COBRA RIDGE VENT3	RIDGE VENT	FL6267.1
IMPACT RESISTANT OVERHEAD GARAGE DOOR	OVERHEAD GARAGE CORP.	GARAGE DOOR	FL14170.6
ROOF UNDERLAYMENT	GAF	FELTBUSTER	FL10626.1
ASPHALT SHINGLES	GAF	SHINGLES	FL10124.1

6. BUILDING SIZES BELOW REQUIRE SHEATHING ON BOTH SIDES OF WALL WITH OPENING (7⁄16" OSB ON INSIDE OF WALL):  
6'X20'-24' WITH NO OPENINGS ON END WALL WITH 6' OF SHEAR  
8'X24' WITH NO OPENINGS ON END WALL WITH 8' OF SHEAR  
8'X18'-24' WITH 2' OF OPENING ON END WALL WITH 6' OF SHEAR  
8'X16'-22' WITH 3' OF OPENING ON END WALL WITH 5' OF SHEAR  
10'X24' WITH 2' OF OPENING ON END WALL WITH 8' OF SHEAR  
10'X20'-24' WITH 3' OF OPENING ON END WALL WITH 7' OF SHEAR  
10'X18'-24' WITH 4' OF OPENING ON END WALL WITH 6' OF SHEAR  
10'X16'-24' WITH 5' OF OPENING ON END WALL WITH 5' OF SHEAR  
12'X22'-24' WITH 4' OF OPENING ON END WALL WITH 8' OF SHEAR  
12'X20'-24' WITH 5' OF OPENING ON END WALL WITH 7' OF SHEAR  
12'X18'-24' WITH 6' OF OPENING ON END WALL WITH 6' OF SHEAR  
12'X14'-24' WITH 7' OF OPENING ON END WALL WITH 5' OF SHEAR

7. NO OPENINGS ARE ALLOWED ON THE END WALLS OF 6' WIDE BUILDINGS LONGER THAN 9'.



Order #. \_\_\_\_\_

Customer: \_\_\_\_\_

Site Address: \_\_\_\_\_

Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA \_\_\_\_\_

P.O. # \_\_\_\_\_

Drawn By: TB

Date: 12/5/23

Checked By: \_\_\_\_\_

Date: \_\_\_\_\_

Scale: N.T.S.

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TUFF SHED, INC.  
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DENVER, COLORADO 80210  
(303) 753-8833

TITLE

GENERAL NOTES

FBC, 8th EDITION (2023)

155C

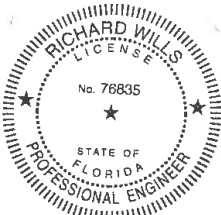
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FL-PPTR-TR800-01

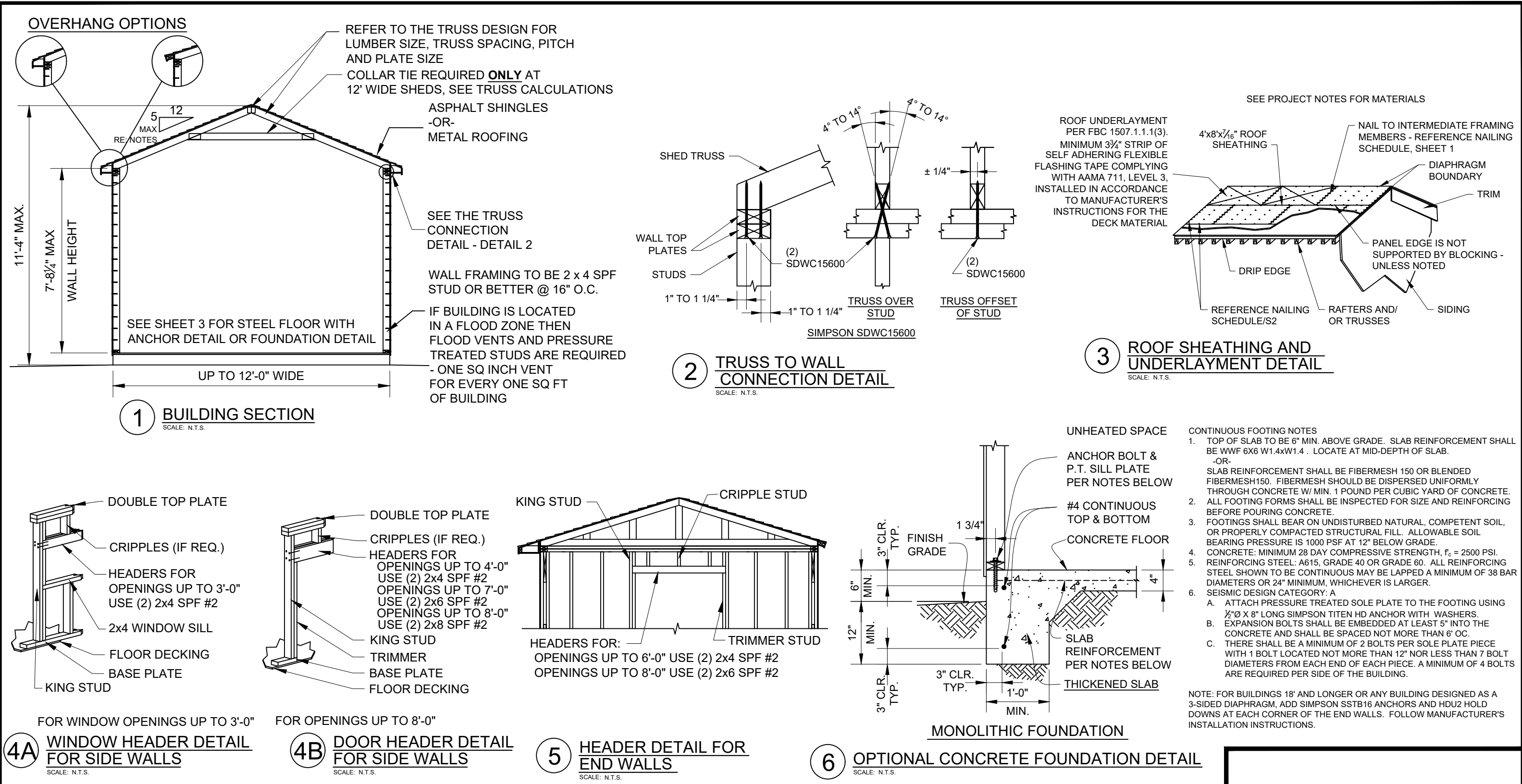
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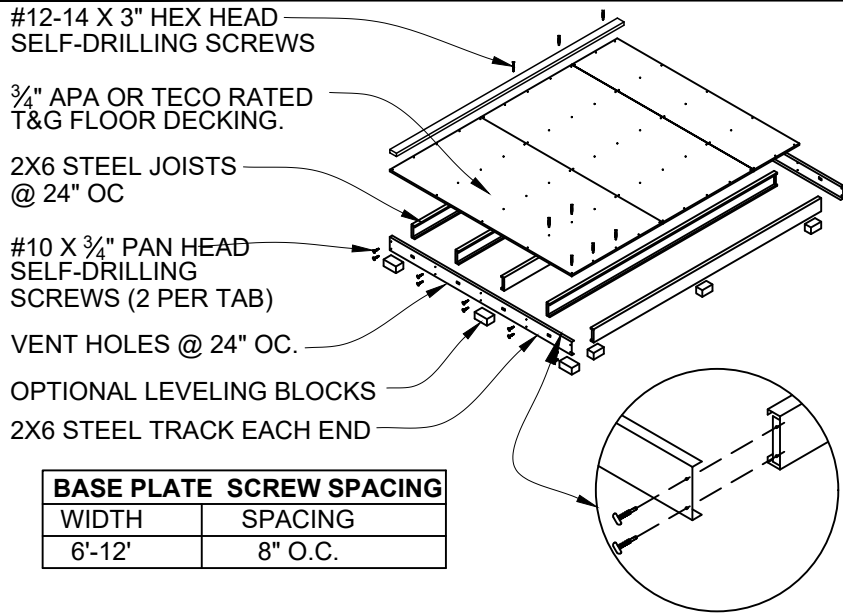
SHEET 1

PAGE 1 OF 4

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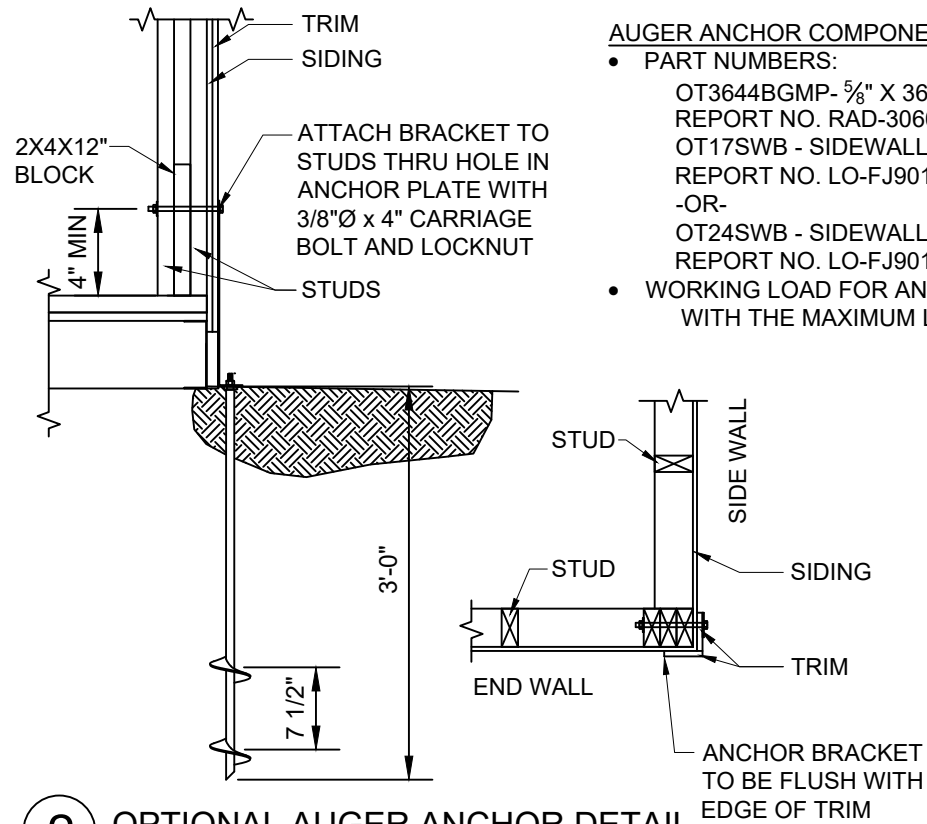


- STEEL SHED FOUNDATION:  
600T125-054 - 16 GAUGE STEEL TRACKS G140 ZINC COATED  
600S137-054 - 16 GAUGE STEEL JOISTS G140 ZINC COATED @ 24" O.C.  
(SUPPLIER: ALLIED STUDCO (JOIST: 600S137-054 / TRACK: 600T125-054) ICC ER-4943P.
- 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL SPAN. STAGGER PANEL LAYOUT.
- 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.
- FASTEN SOLE PLATE THROUGH FLOOR DECKING INTO JOISTS OR TRACKS WITH #12-14 X 3" GALVANIZED SELF-DRILLING SCREWS. REFERENCE SPACING CHART.
- ALLOWABLE FLOOR LIVE LOAD: 75 PSF FOR STEEL JOISTS CONTINUOUSLY SUPPORTED. 50 PSF FOR JOISTS ON BLOCKS AS SHOWN.
- USE OPTIONAL CONCRETE BLOCKS AS REQUIRED TO LEVEL BUILDING:  
SUGGESTED SIZES: 2" x 8" 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'-12'	8" O.C.

## 1 OPTIONAL STEEL SHED BASE DETAIL

SCALE: N.T.S.



### AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES

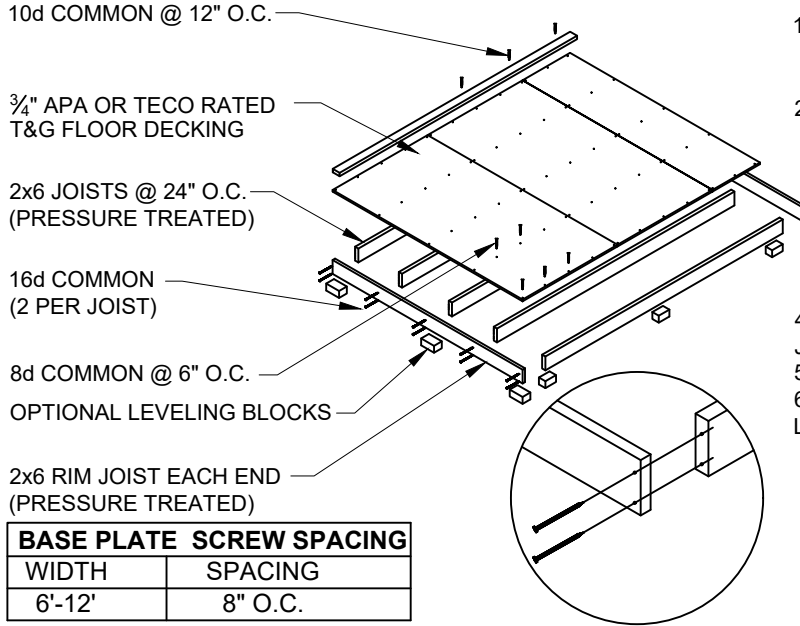
- PART NUMBERS:  
OT3644BGMP- 5/8" X 36" (36" IMBED) GALVANIZED AUGER  
REPORT NO. RAD-3060  
OT17SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS  
REPORT NO. LO-FJ90129-A  
-OR-  
OT24SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS  
REPORT NO. LO-FJ90129-B
- WORKING LOAD FOR ANCHOR SYSTEM IS 3,150 LBS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

AUGER ANCHORS		
WIDTH	LENGTH	# OF ANCHORS
6'	6'-24'	4 ANCHORS
8'	8'-18'	4 ANCHORS
8'	20'-24'	6 ANCHORS
10'	10'-14'	4 ANCHORS
10'	16'-22'	6 ANCHORS
10'	24'	8 ANCHORS
12'	12'-18'	6 ANCHORS
12'	20'-24'	8 ANCHORS

4-ANCHORS PROVIDE (1) AT EACH CORNER OF THE BUILDING.  
6-ANCHORS PROVIDE (1) AT EACH CORNER OF THE BUILDING AND (1) AT THE CENTER OF EACH SIDE WALL.  
8-ANCHORS PROVIDE (1) AT EACH CORNER OF THE BUILDING AND (1) AT THE CENTER OF EACH WALL.

## 2 OPTIONAL AUGER ANCHOR DETAIL

SCALE: N.T.S.



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

## 2 OPTIONAL WOOD SHED BASE DETAIL

SCALE: N.T.S.

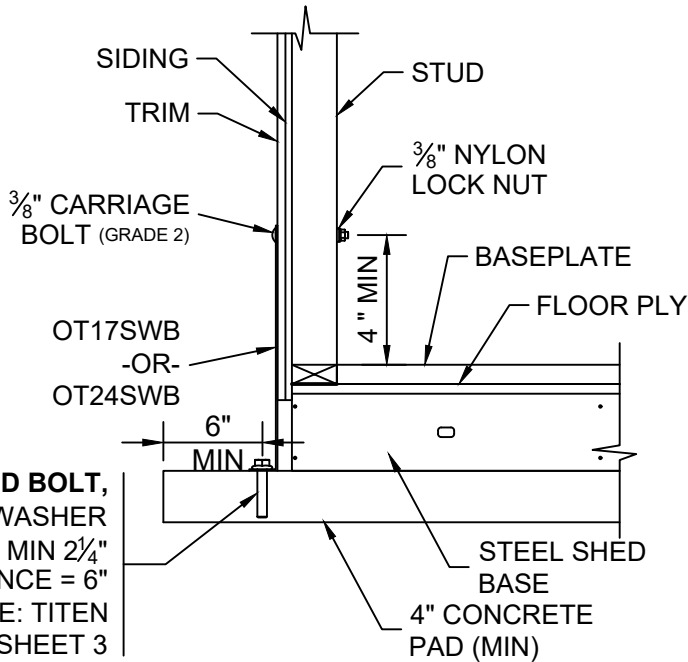
- WOOD SHED FOUNDATION:  
2x6 #2 PRESSURE TREATED SPRUCE-PINE-FIR RIM JOISTS  
2x6 #2 PRESSURE TREATED SPF JOISTS @ 24" O.C.
- 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL SPAN. NO BLOCKING REQUIRED. ALL EDGES SHALL LIE ON FLOOR JOISTS. STAGGER PANEL LAYOUT PER APA CONDITION 1.  
NAIL PLYWOOD TO JOISTS AND RIM JOISTS:  
BORDER: 8d COMMON SPACED @ 6" O.C.  
EDGE: 8d COMMON SPACED @ 6" O.C.  
FIELD: 8d COMMON SPACED @ 12" O.C.
- FASTEN SOLE PLATE THROUGH FLOOR DECKING INTO JOISTS OR RIM JOISTS WITH 10d COMMON SPACED @ 12" O.C.
- ALLOWABLE FLOOR LIVE LOAD: 40 PSF
- USE OPTIONAL CONCRETE BLOCKS AS REQUIRED TO LEVEL BUILDING:  
SUGGESTED SIZES: 2" x 8" x 16", 4" x 8" x 16", OR 8" x 8" x 16".  
BLOCKS UNDER JOISTS SPACED @ 8'-0" O.C. MAXIMUM.  
BLOCKS UNDER RIM JOISTS SPACED @ 4'-0" O.C. MAXIMUM.

### TITEN HD ANCHOR BOLTS (INTO CONCRETE) RE: DETAIL 3, SHEET 3

WIDTH	LENGTH	QTY
6'	6'-14'	4
6'	16'-22'	6
6'	24'	8
8'	8'-10'	4
8'	12'-16'	6
8'	18'-22'	8
8'	24'	10
10'	10'-14'	6
10'	16'-18'	8
10'	20'-22'	10
10'	24'	12
12'	12'-14'	8
12'	16'-18'	10
12'	20'-24'	14

- NOTES:
- ANCHORS TO BE SIMPSON TITEN HD ANCHORS. ANCHORS MAY BE GALVANIZED OR STAINLESS STEEL.
  - PROVIDE (1) ANCHOR AT EA. CORNER OF THE BUILDING. THE REMAINING ANCHORS EQUALLY SPACED ALONG THE LENGTH OF THE BUILDING. (1/2 THE REMAINING ANCHORS ON EA. LENGTH SIDE EQUALLY SPACED).

3/8" X 3" SIMPSON TITEN HD BOLT,  
GALVANIZED, WITH 3/4" WASHER  
EMBEDMENT DEPTH = MIN 2 1/4"  
MIN. EDGE DISTANCE = 6"  
ANCHOR SPACING: RE: TITEN  
BOLT ANCHORS TABLE, SHEET 3



## 3 OPTIONAL SIDEWALL BRACKET DETAIL

SCALE: N.T.S.



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DETAILS

FBC, 8th EDITION (2023)

155C

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FL-PPTR-TR800-01

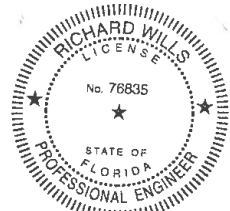
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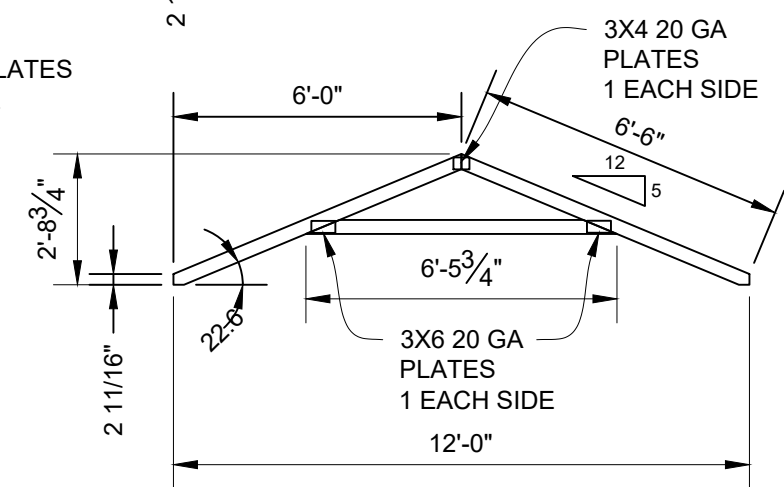
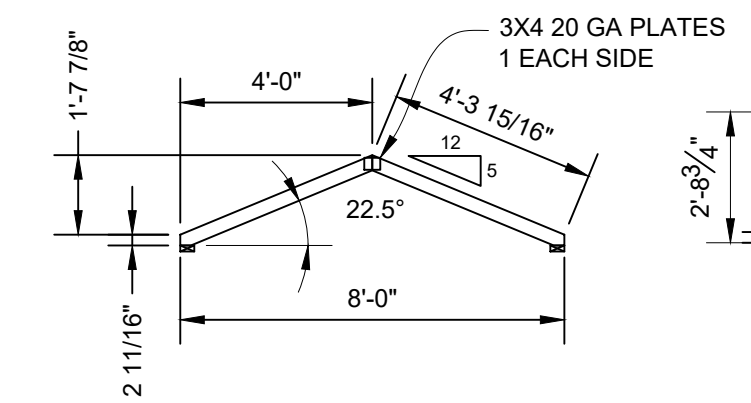
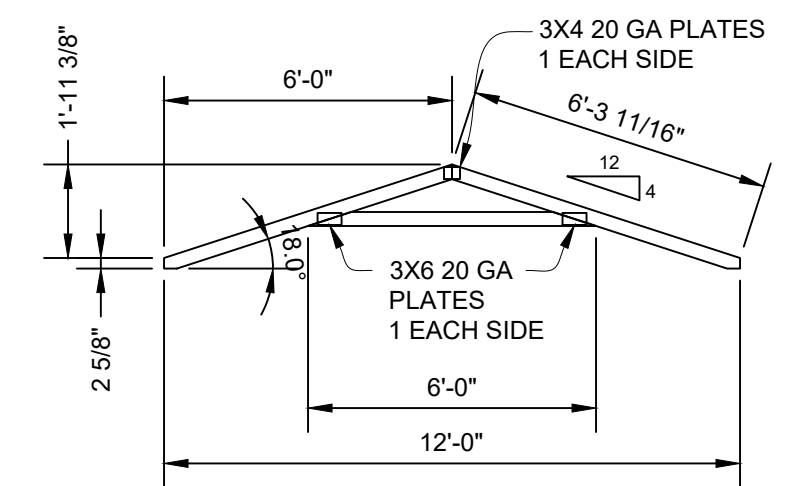
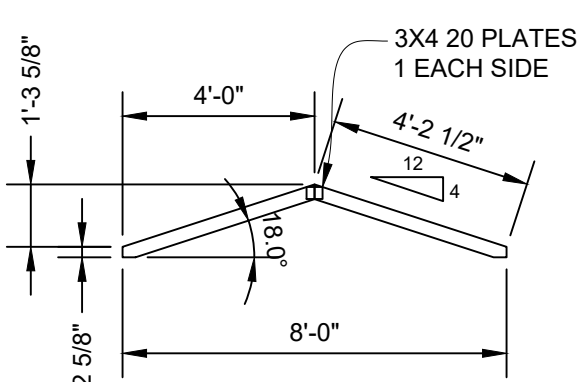
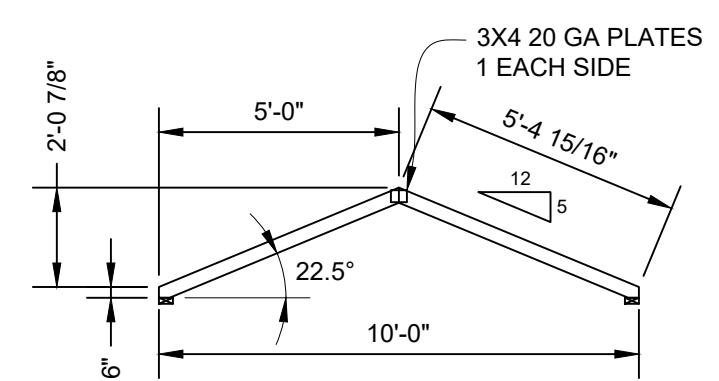
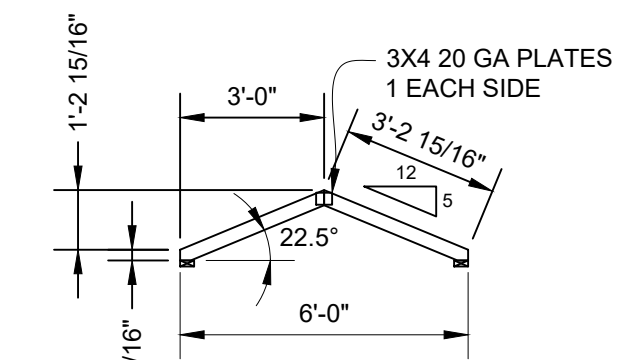
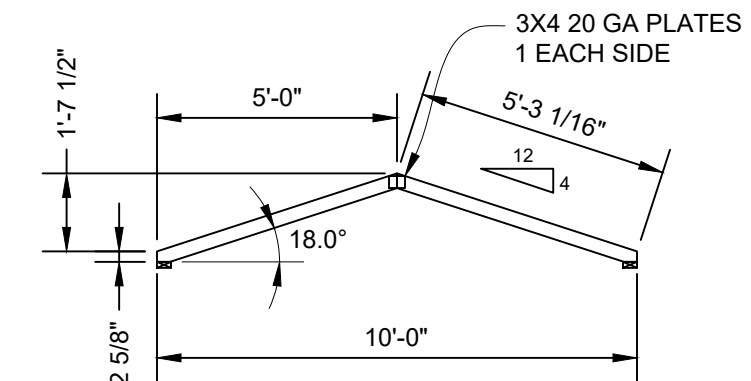
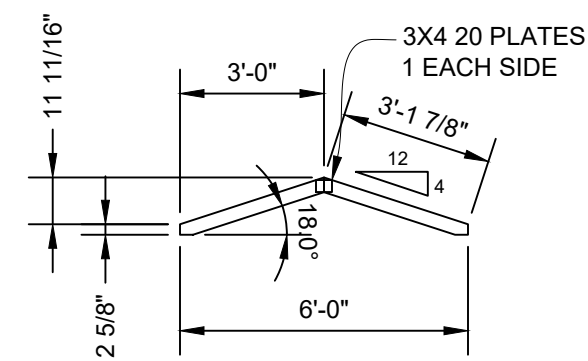
SHEET 3

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

NOTES:  
FBC, 8th EDITION (2023)  
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 7-16, 155 mph, Exposure C, D.O.L.=1.60

PLATES ARE MANUFACTURED BY EAGLE METAL  
PRODUCTS, ICC-ES #ESR-1082.

6' SPAN  
REACTIONS:  
MAX. VERTICAL: 180 LBS.  
MAX. UPLIFT: -160 LBS.

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

8' SPAN  
REACTIONS:  
MAX. VERTICAL: 240 LBS.  
MAX. UPLIFT: -195 LBS.

NOTE:  
TRUSS MAY BE USED ON BUILDING LENGTHS  
UP TO 14FT UNLESS CEILING JOIST OR OTHER  
TENSION TIE IS PROVIDED.

10' SPAN  
REACTIONS:  
MAX. VERTICAL: 300 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: 405 LBS.  
MAX. UPLIFT: -290 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:	
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TITLE  
  
TRUSS DETAILS  
  
FBC, 8th EDITION (2023)  
  
155C

DRAWING NO.  
FL-PPTR-TR800-01  
  
REV. LEVEL 01  
  
SHEET 4  
  
PAGE 4 OF 4

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