

UNINHABITED UTILITY SHED UP TO 12' WIDE x UP TO 24' LONG  
SR600, TR700, PR

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: 29/-58 PSF (ZONE 1)  
29/-77 PSF (ZONE 2)  
29/-101 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:  
SR600 - 5'-8¼" (68¼")  
TR700 - 6'-8¼" (80¼")  
PR - 6'-8¼" (80¼")

SHED SIZE CHART				
WIDTH	PITCH	SIDEWALL HEIGHT	OVERALL HEIGHT	MID-ROOF HEIGHT
6'	4/12	5'-8 ¼"	7'-5 13⁄16"	6'-11 ⅞"
8'	4/12	5'-8 ¼"	7'-9 1 1⁄16"	7'-1 1 1⁄16"
10'	4/12	5'-8 ¼"	8'-1 9⁄16"	7'-3 1 1⁄16"
12'	4/12	5'-8 ¼"	8'-5 ½"	7'-5"
6'	4/12	6'-8 ¼"	8'-5 13⁄16"	7'-11 ⅞"
8'	4/12	6'-8 ¼"	8'-9 1 1⁄16"	8'-1 1 1⁄16"
10'	4/12	6'-8 ¼"	9'-1 9⁄16"	8'-3 1 1⁄16"
12'	4/12	6'-8 ¼"	9'-5 ½"	8'-5"

ROOF SHEATHING (7⁄16" OSB)			
WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.
8'	8'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.
10'	10'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.
12'	12'-24'	8d NAILS @ 6" O.C.	8d NAILS @ 6" O.C.

NOTES:  
USE GALVANIZED 0.113"Øx2⅜" RING SHANK NAILS OR 8d COMMON NAILS

3⁄8" SMARTSIDE NAILING REQUIREMENTS 7/16" OSB NAILING REQUIREMENTS			
SIDEWALL NAILING (MIN. 2'-0" 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'-0" 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, 3⁄8" SMARTSIDE WITH FOIL BACKER, 7⁄16" OSB, AND 7⁄16" OSB WITH FOIL BACKER.
2. MINIMUM 2'-0" 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. 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.
6. ON THESE BUILDINGS 6' X 10' THE 3' DOOR IN THE END WALL WILL NEED TO BE OFF SET. THERE WILL BE A 2' PANEL ON ONE SIDE AND A 1' PANEL ON THE OTHER SIDE OF THE DOOR. THE WALL MUST BE SHEATHED WITH 7⁄16" OSB ON BOTH FACES.

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 20-1119.09
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 22-0726.06
RIDGE VENTS	GAF COBRA RIDGE VENT3	RIDGE VENT	FL6267.1
IMPACT RESISTANT OVERHEAD GARAGE DOOR	OVERHEAD GARAGE CORP.	GARAGE DOOR	FL14170.6
ROOF UNDERLAYMENT (HVHZ)	GAF	FELTBUSTER	FL10626.1
ROOF UNDERLAYMENT (NON-HVHZ)	GAF	FELTBUSTER	FL10626.2
ASPHALT SHINGLES (HVHZ)	GAF	SHINGLES	FL10124.1
ASPHALT SHINGLES (NON-HVHZ)	GAF	SHINGLES	FL10124.2

7. BUILDING SIZES BELOW REQUIRE SHEATHING ON BOTH SIDES OF WALL WITH OPENING (7⁄16" OSB ON INSIDE OF WALL):

6'X22'-24' WITH NO OPENING ON END WALL WITH 6' OF SHEAR

6'X14'-24' WITH 2' OF OPENING ON END WALL WITH 4' OF SHEAR

6'X10' WITH 3' OF OPENING ON END WALL WITH 2' OF SHEAR (SEE NOTE 6)

8'X20'-24' WITH 2' OF OPENING ON END WALL WITH 6' OF SHEAR

8'X18'-24' WITH 3' OF OPENING ON END WALL WITH 5' OF SHEAR

8'X14'-22' WITH 4' OF OPENING ON END WALL WITH 4' OF SHEAR

10'X24' WITH 3' OF OPENING ON END WALL WITH 7' OF SHEAR

10'X20'-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

10'X14'-24' WITH 6' OF OPENING ON END WALL WITH 4' OF SHEAR

12'X20'-24' WITH 5' OF OPENING ON END WALL WITH 7' OF SHEAR

12'X20'-24' WITH 6' OF OPENING ON END WALL WITH 6' OF SHEAR

12'X16'-24' WITH 7' OF OPENING ON END WALL WITH 5' OF SHEAR

12'X14'-24' WITH 8' OF OPENING ON END WALL WITH 4' OF SHEAR
8. THE END WALL OF 6' WIDE X 12'-24' LONG BUILDINGS MAY HAVE A SINGLE 2' OPENING CENTERED ON THE WALL.



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

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

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

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

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

Drawn By: TB

Date: 11/30/23

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

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

Scale: N.T.S.

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(303) 753-8833

TITLE

PROJECT NOTES

NAILING REQUIREMENTS

FBC, 8th EDITION (2023)

155C

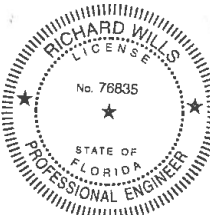
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REV. LEVEL 01

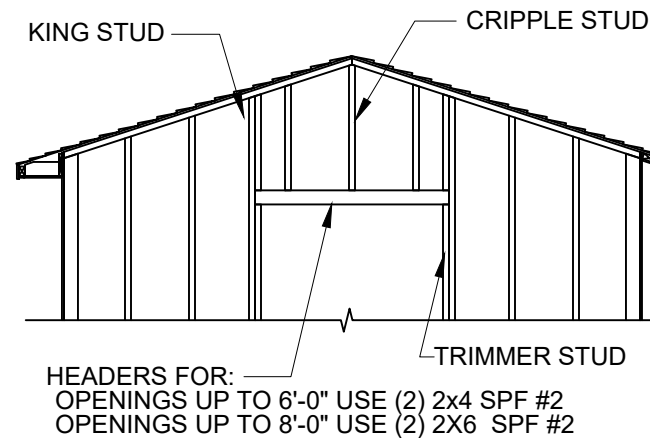
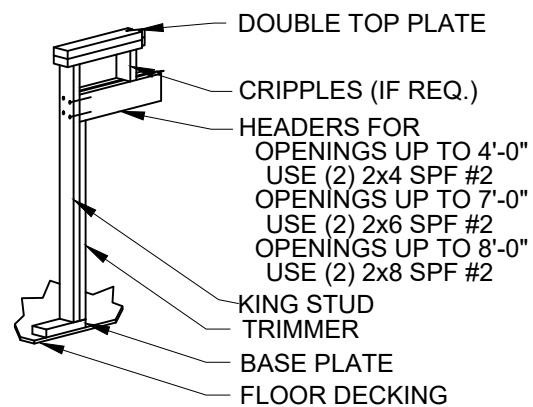
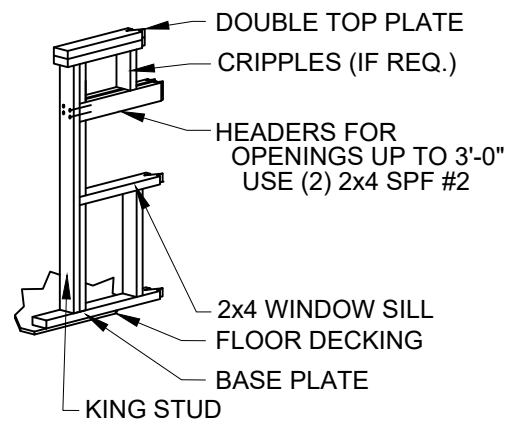
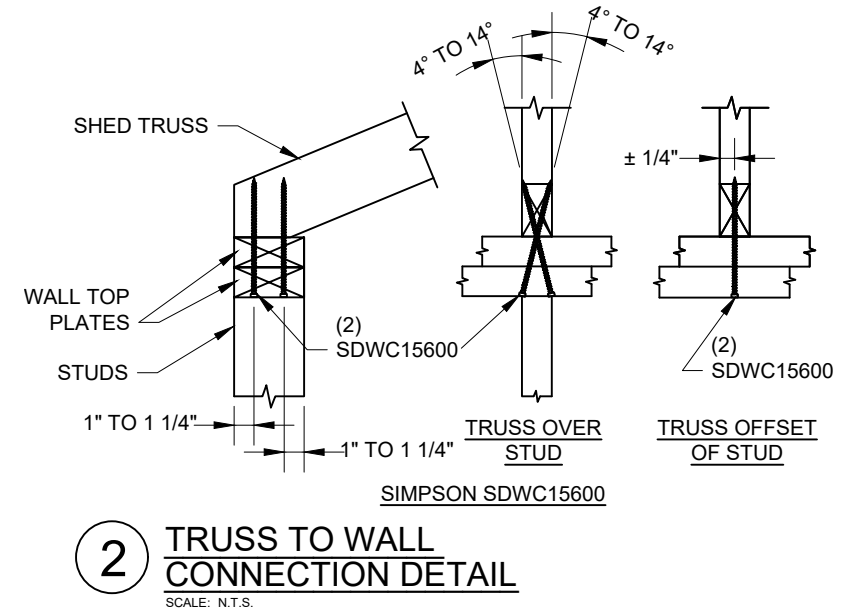
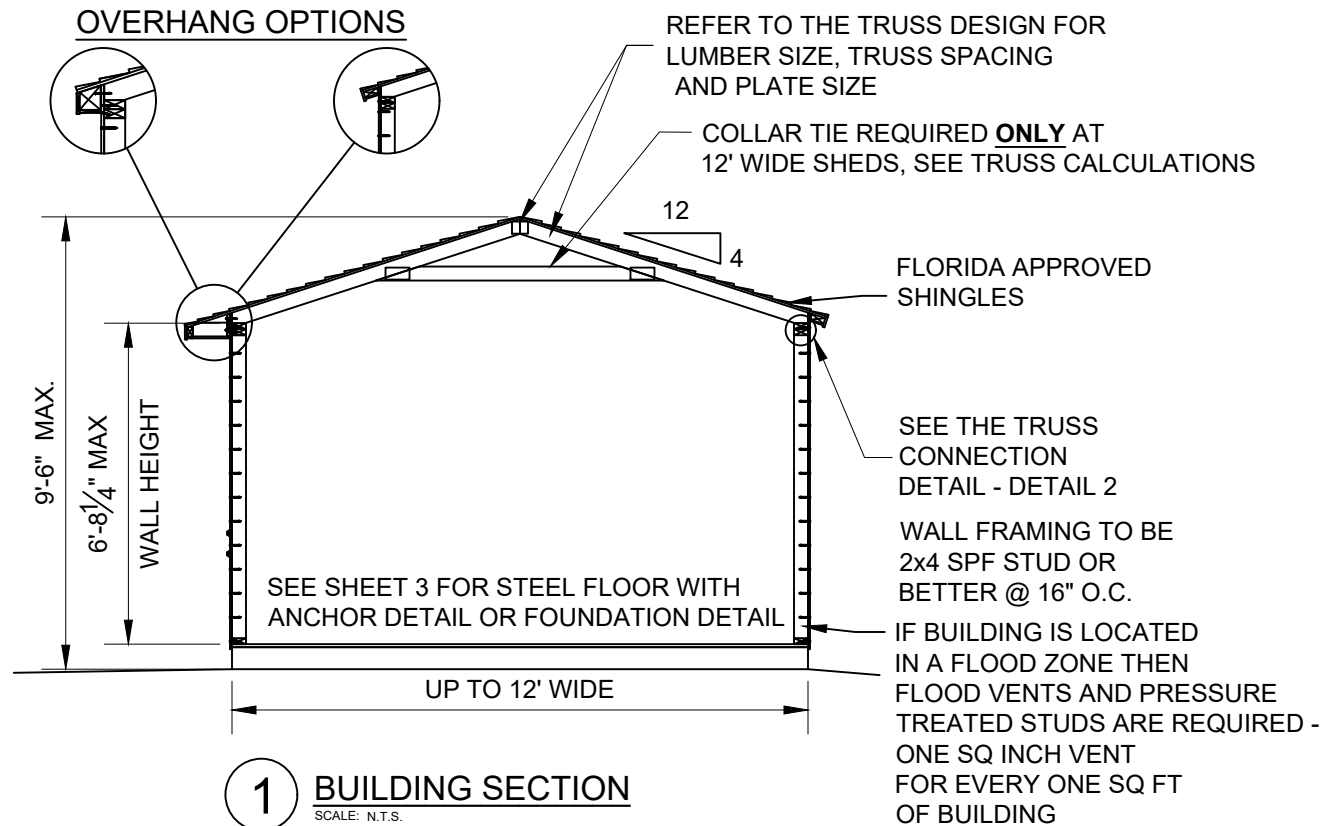
SHEET 1

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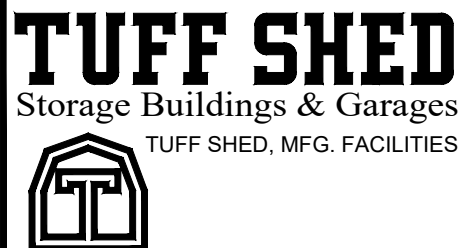
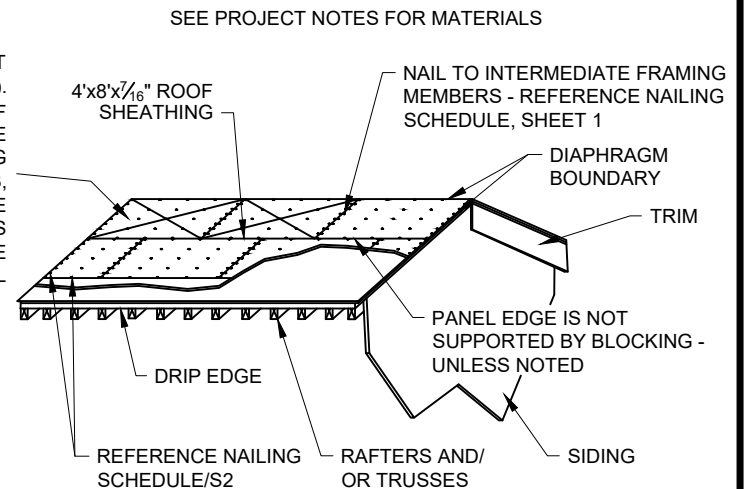
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10 APR 2024



ROOF UNDERLAYMENT PER FBC 1507.1.1.1(3). MINIMUM 3/4" STRIP OF SELF ADHERING FLEXIBLE FLASHING TAPE COMPLYING WITH AAMA 711, LEVEL 3, INSTALLED IN ACCORDANCE TO MANUFACTURER'S INSTRUCTIONS FOR THE DECK MATERIAL



Order #: \_\_\_\_\_  
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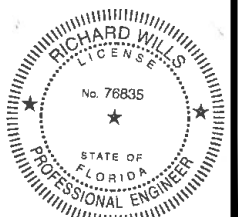
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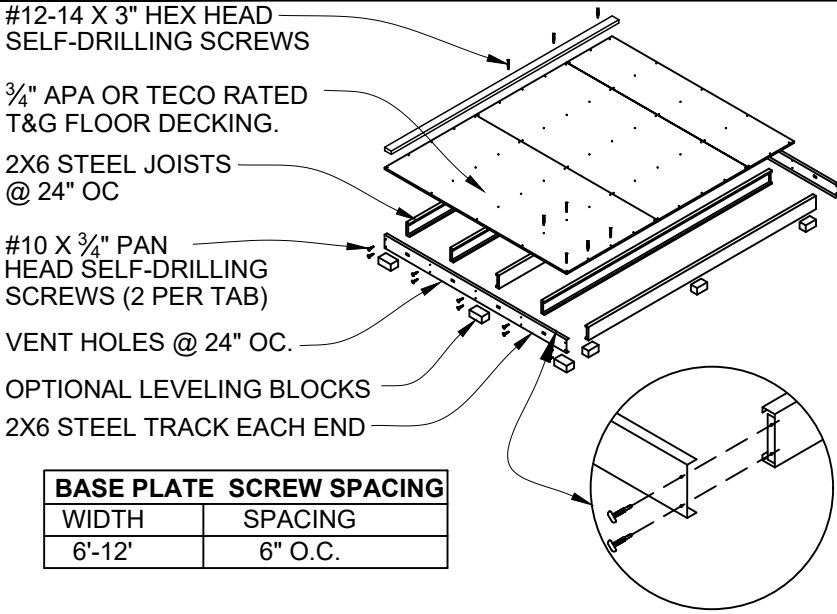
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**TITLE**  
  
BUILDING SECTIONS  
HEADER FRAMING DETAILS  
FBC, 8th EDITION (2023)  
155C

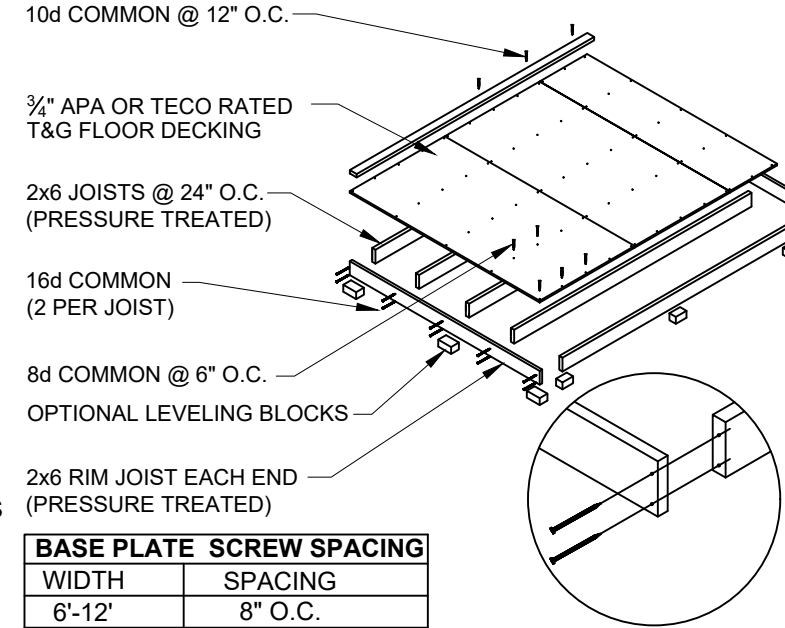
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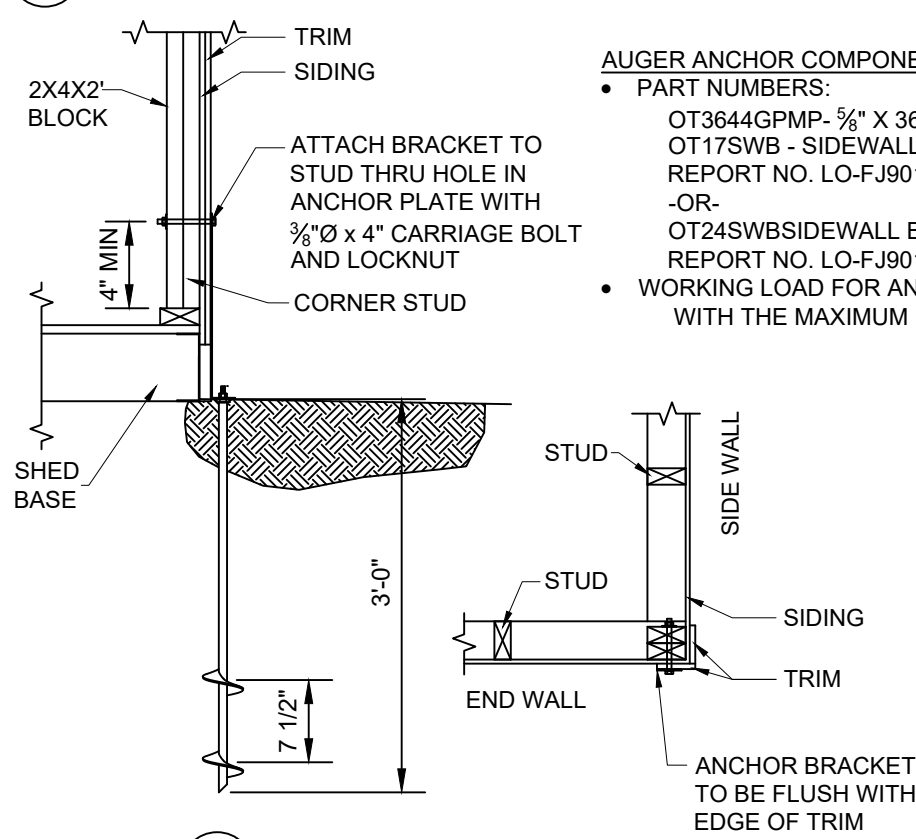


- STEEL SHED FOUNDATION:  
600T125-054 - 16 GAUGE STEEL TRACKS G140 ZINC COATED  
600S137-054 - 16 GAUGE STEEL JOISTS G140 ZINC COATED @ 24" O.C.  
(SUPPLIER: ALLIED STUDCO (JOIST: 600S137-054 / TRACK: 600T125-054) ICC ER-4943P.
- 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL 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.



- 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.

### 1 OPTIONAL STEEL SHED BASE DETAIL



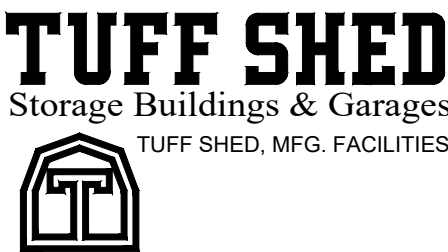
#### AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES

- PART NUMBERS:  
OT3644GPMP- 5/8" X 36" (36" IMBED) GALVANIZED AUGER  
OT17SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS  
REPORT NO. LO-FJ90129-A  
-OR-  
OT24SWBSIDEWALL 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 5,080 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 EA. CORNER OF THE BUILDING.  
6-ANCHORS PROVIDE (1) AT EA. CORNERS OF THE BUILDING AND (1) AT THE CENTER OF EA. SIDE WALL.  
8-ANCHORS PROVIDE (1) AT EA. CORNERS OF THE BUILDING AND (1) AT THE CENTER OF EACH WALL.

### 3 OPTIONAL AUGER ANCHOR DETAIL



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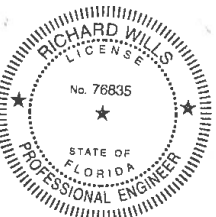
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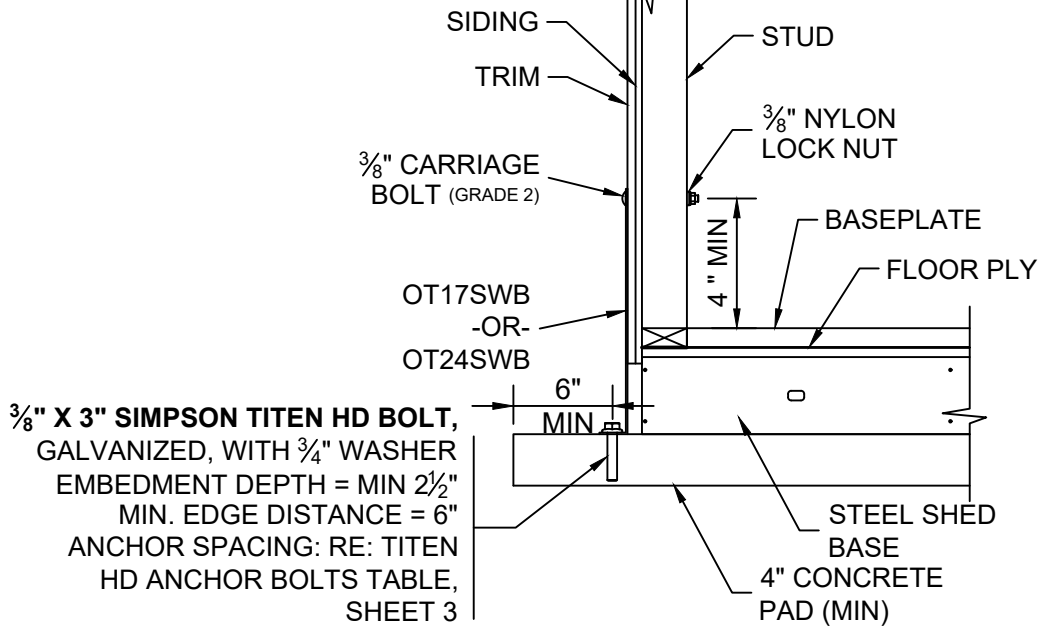
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DETAILS  
FBC, 8th EDITION (2023)  
155C

DRAWING NO.  
FL-PR-SR-TR-01  
REV. LEVEL 01  
SHEET 3  
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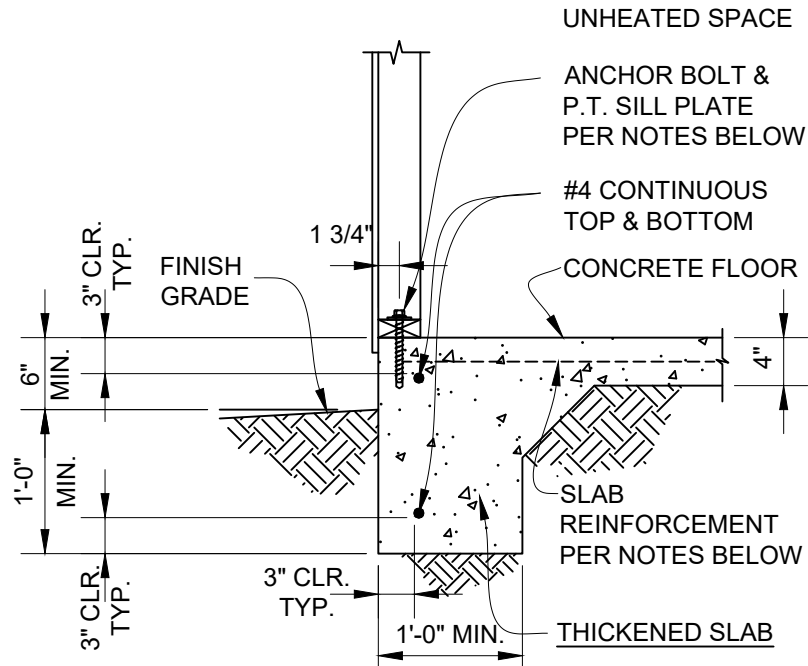
### 2 OPTIONAL WOOD SHED BASE DETAIL



TITEN HD ANCHOR BOLTS (INTO CONCRETE) RE: DETAIL 3, SHEET 3		
WIDTH	LENGTH	QTY
6'	6'-14'	4
6'	16'-20'	6
6'	22'-24'	8
8'	8'-10'	4
8'	12'-16'	6
8'	18'-22'	8
8'	24'	10
10'	10'-12'	6
10'	14'-16'	8
10'	18'-22'	10
10'	24'	12
12'	12'-14'	8
12'	16'-18'	10
12'	20'-24'	14

NOTES:  
1. ANCHORS TO BE SIMPSON TITEN HD ANCHORS. ANCHORS MAY BE GALVANIZED OR STAINLESS STEEL.  
2. 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).

### 4 OPTIONAL SIDEWALL BRACKET DETAIL

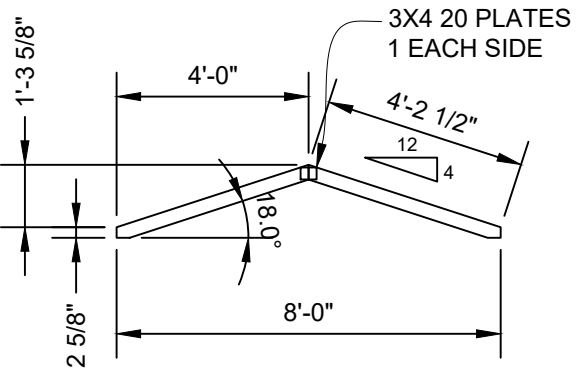
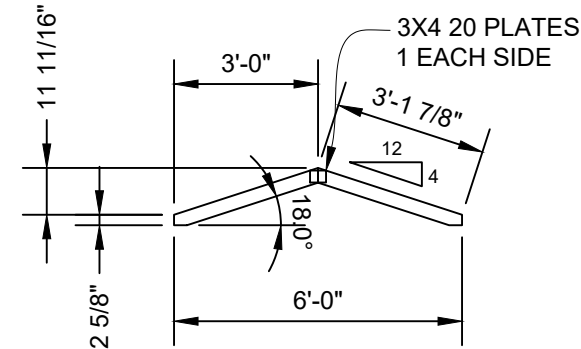


- CONTINUOUS FOOTING NOTES
- TOP OF SLAB TO BE 6" MIN. ABOVE GRADE. SLAB REINFORCEMENT SHALL BE WWF 6X6 W1.4xW1.4 . LOCATE AT MID-DEPTH OF SLAB.  
-OR-  
SLAB REINFORCEMENT SHALL BE FIBERMESH 150 OR BLENDED FIBERMESH150. FIBERMESH SHOULD BE DISPERSED UNIFORMLY THROUGH CONCRETE W/ MIN. 1 POUND PER CUBIC YARD OF CONCRETE.
  - ALL FOOTING FORMS SHALL BE INSPECTED FOR SIZE AND REINFORCING BEFORE POURING CONCRETE.
  - FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL, COMPETENT SOIL, OR PROPERLY COMPACTED STRUCTURAL FILL. ALLOWABLE SOIL BEARING PRESSURE IS 1000 PSF AT 12" BELOW GRADE.
  - CONCRETE: MINIMUM 28 DAY COMPRESSIVE STRENGTH,  $f_c = 2500$  PSI.
  - REINFORCING STEEL: A615, GRADE 40 OR GRADE 60. ALL REINFORCING STEEL SHOWN TO BE CONTINUOUS MAY BE LAPPED A MINIMUM OF 38 BAR DIAMETERS OR 24" MINIMUM, WHICHEVER IS LARGER.
  - SEISMIC DESIGN CATEGORY: A
    - ATTACH PRESSURE TREATED SOLE PLATE TO THE FOOTING USING  $\frac{1}{2}$ "Ø X 8" LONG SIMPSON TITEN HD ANCHOR WITH WASHERS.
    - EXPANSION BOLTS SHALL BE EMBEDDED AT LEAST 5" INTO THE CONCRETE AND SHALL BE SPACED NOT MORE THAN 6' OC.
    - THERE SHALL BE A MINIMUM OF 2 BOLTS PER SOLE PLATE PIECE WITH 1 BOLT LOCATED NOT MORE THAN 12" NOR LESS THAN 7 BOLT DIAMETERS FROM EACH END OF EACH PIECE.

NOTE: FOR BUILDINGS 18' AND LONGER OR ANY BUILDING DESIGNED AS A 3-SIDED DIAPHRAGM, ADD SIMPSON SSTB16 ANCHORS AND HDU2 HOLD DOWNS AT EACH CORNER OF THE END WALLS. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.

# 1 OPTIONAL CONCRETE FOUNDATION DETAIL

SCALE: N.T.S.



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

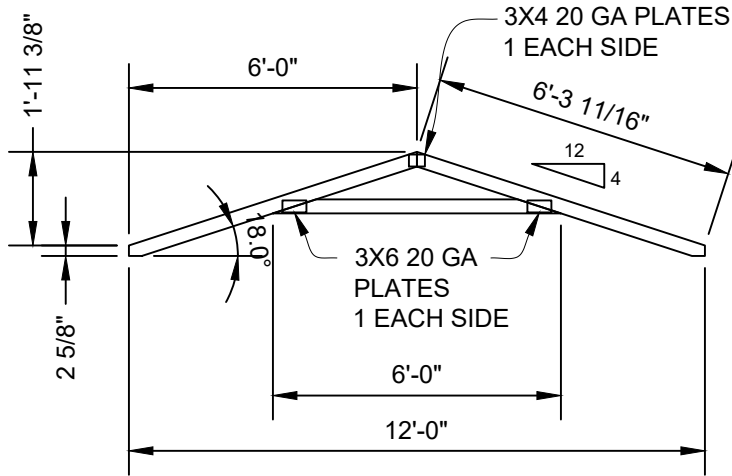
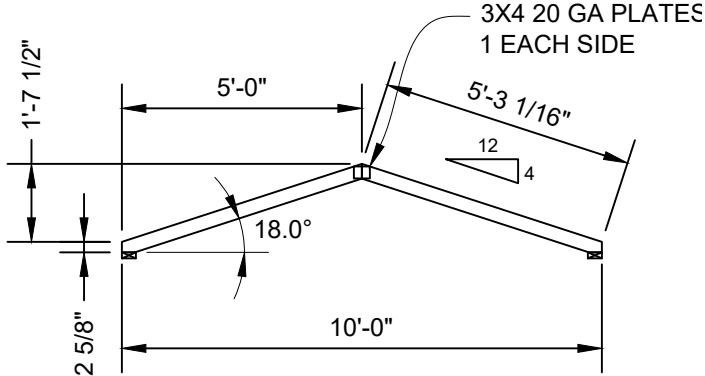
MAXIMUM DEFLECTION (12 FT. SPAN)  
VERT LL: 0.06 in.  
VERT TL: 0.08 in.

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 7-22, 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 20FT UNLESS CEILING JOIST OR OTHER TENSION TIE IS PROVIDED.

12' SPAN  
REACTIONS:  
MAX. VERTICAL: 390 LBS.  
MAX. UPLIFT: -290 LBS.

NOTE:  
TRUSS MAY BE USED ON BUILDING LENGTHS UP TO 24FT UNLESS CEILING JOIST OR OTHER TENSION TIE IS PROVIDED.

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: TB  
Date: 11/30/23  
Checked By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Scale: N.T.S.

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TUFF SHED, INC.  
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(303) 753-8833

TITLE  
  
TRUSS DETAILS  
  
FBC, 8th EDITION (2023)  
  
155C

DRAWING NO.  
FL-PR-SR-TR-01  
  
REV. LEVEL 01  
  
SHEET 4  
  
PAGE 4 OF 4

This item has been digitally signed and sealed by Richard Wills, PE. on the date adjacent to the seal.  
  
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