

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

¾" 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.

¾" 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 ¾" SMARTSIDE PANEL, ¾" 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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TITLE

PROJECT NOTES

NAILING REQUIREMENTS

FBC, 8th EDITION (2023)

155C

DRAWING NO.
FL-PR-SR-TR-01

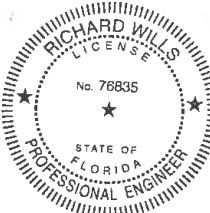
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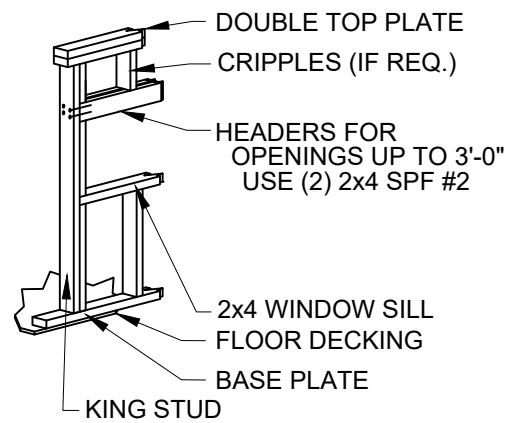
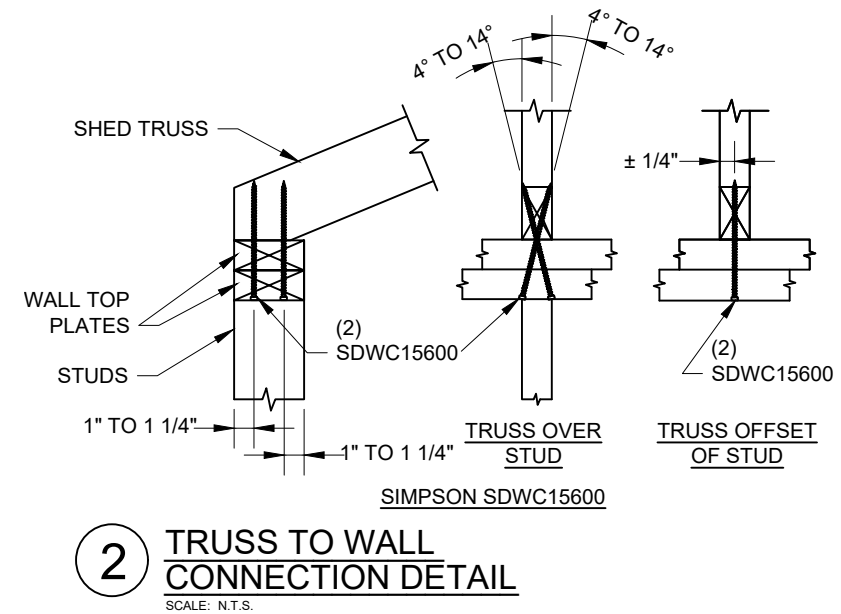
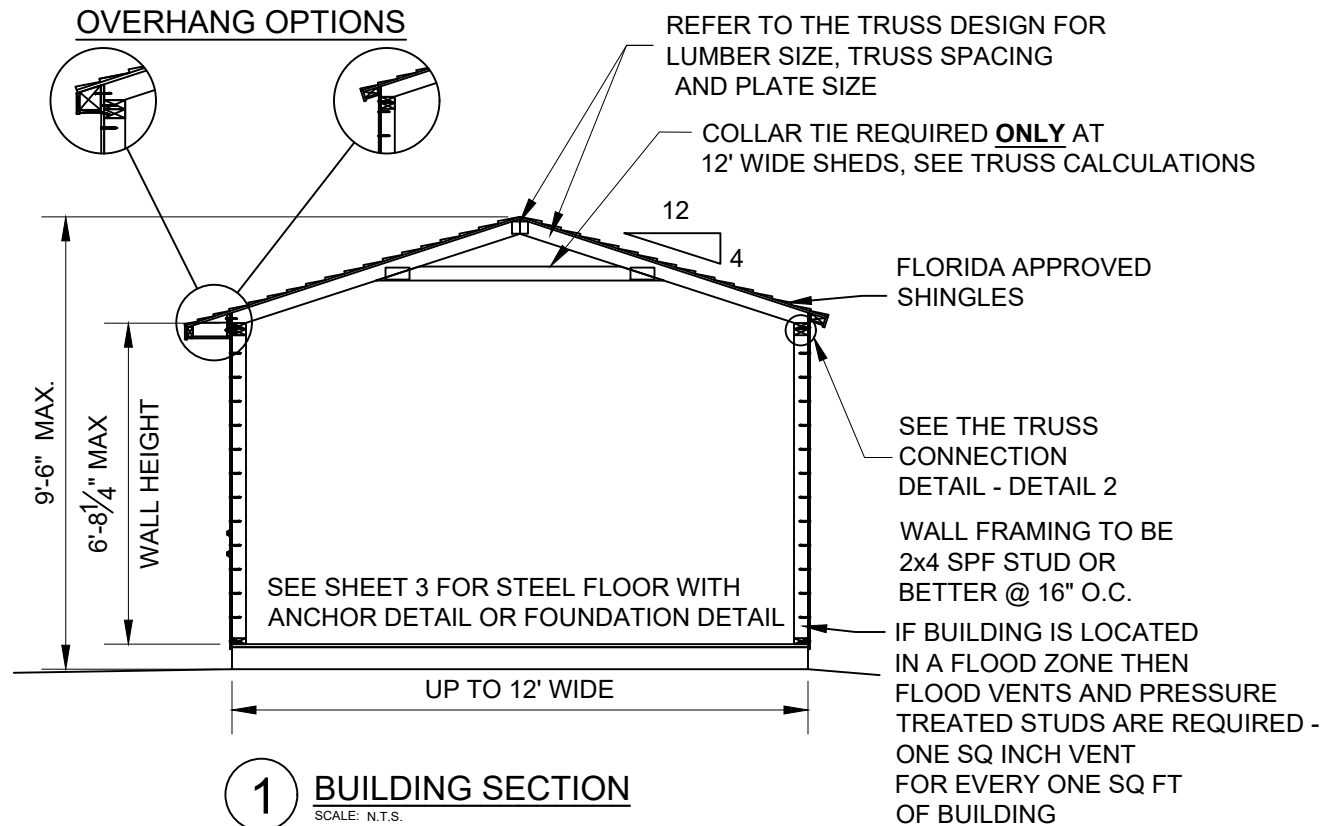
SHEET 1

PAGE 1 OF 4

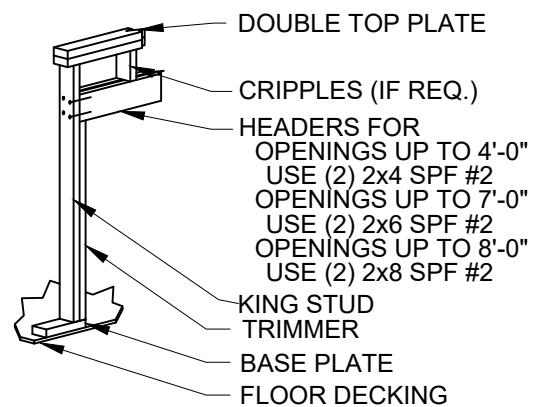
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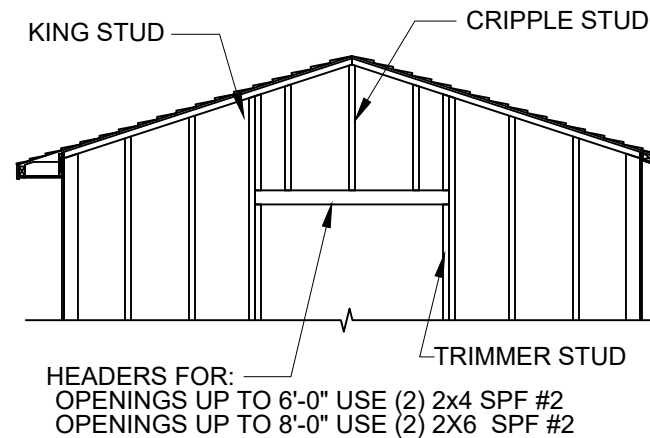




3A WINDOW HEADER DETAIL FOR SIDE WALLS
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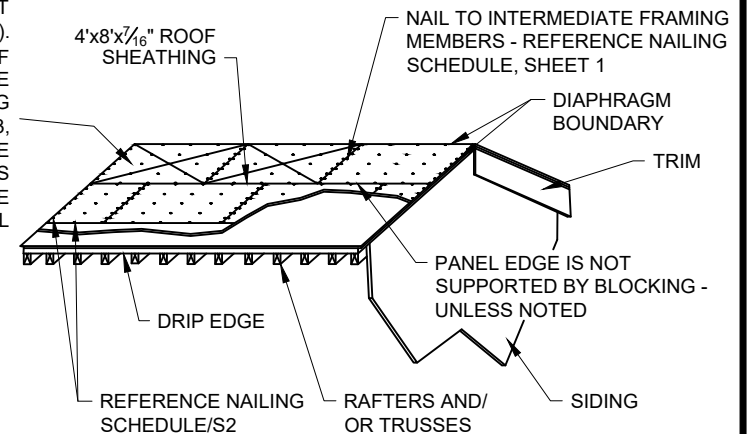


3B DOOR HEADER DETAIL FOR SIDE WALLS
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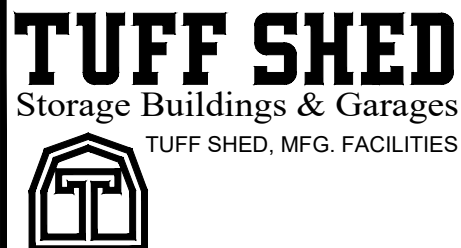


4 HEADER DETAIL FOR END WALLS
SCALE: N.T.S.

ROOF UNDERLAYMENT PER FBC 1507.1.1.1(3). MINIMUM 3 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



5 ROOF SHEATHING AND UNDERLAYMENT DETAIL
SCALE: N.T.S.



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TITLE

BUILDING SECTIONS

HEADER FRAMING DETAILS

FBC, 8th EDITION (2023)

155C

DRAWING NO.

FL-PR-SR-TR-01

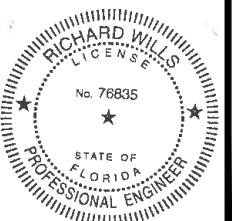
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SHEET 2

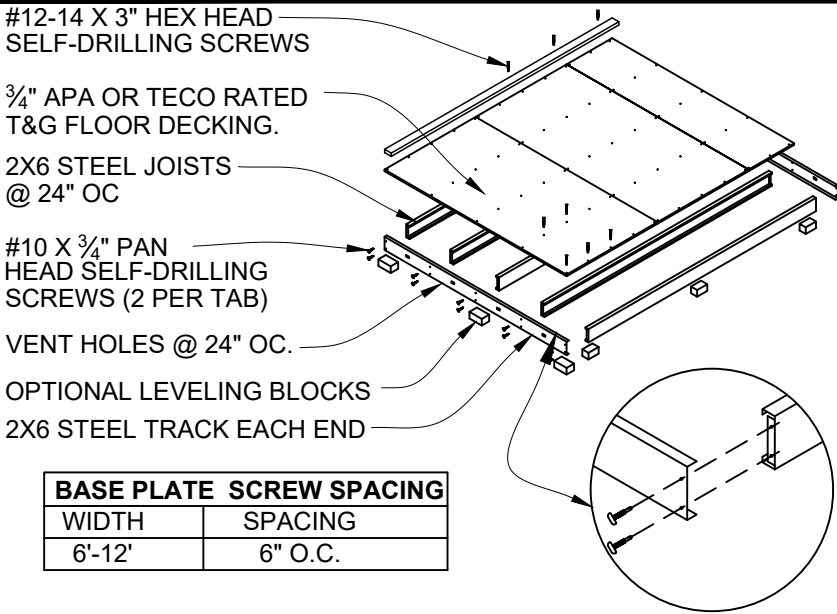
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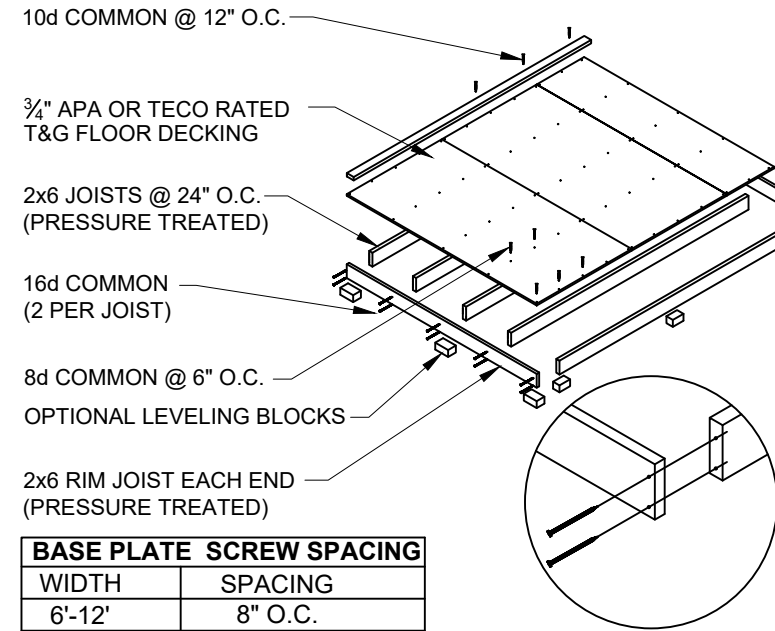
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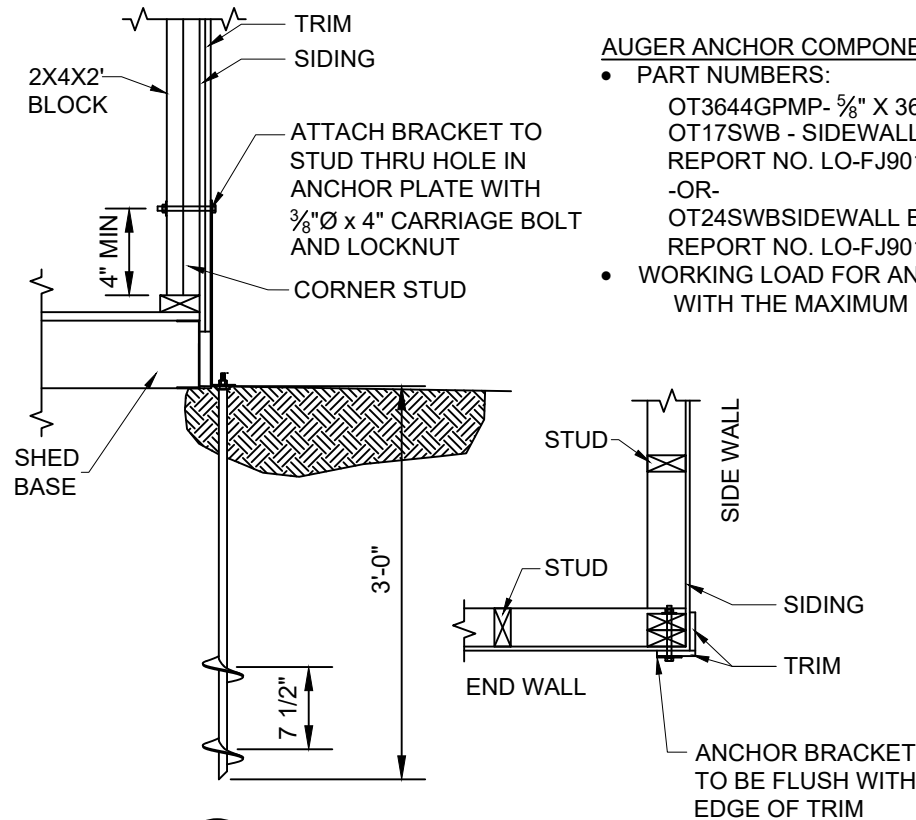
1. STEEL SHED FOUNDATION:
600T125-054 - 16 GAUGE STEEL TRACKS G140 ZINC COATED
600S137-054 - 16 GAUGE STEEL JOISTS G140 ZINC COATED @ 24" O.C.
(SUPPLIER: ALLIED STUDCO (JOIST: 600S137-054 / TRACK: 600T125-054) ICC ER-4943P.
2. 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL SPAN. 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. REFERENCE SPACING CHART.
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: 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.



1. WOOD SHED FOUNDATION:
2x6 #2 PRESSURE TREATED SPRUCE-PINE-FIR RIM JOISTS
2x6 #2 PRESSURE TREATED SPF JOISTS @ 24" O.C.
2. 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.
4. FASTEN SOLE PLATE THROUGH FLOOR DECKING INTO JOISTS OR RIM JOISTS WITH 10d COMMON SPACED @ 12" O.C.
5. ALLOWABLE FLOOR LIVE LOAD: 40 PSF
6. 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

SCALE: N.T.S.



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.

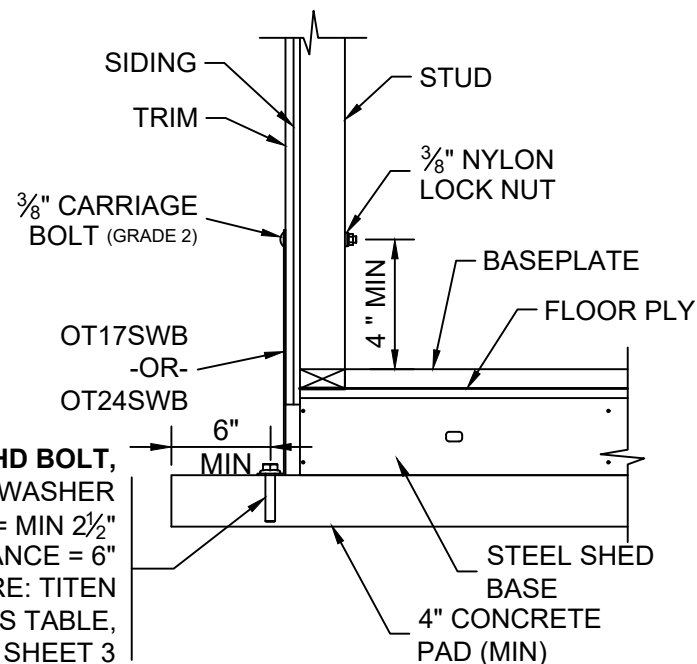
3 OPTIONAL AUGER ANCHOR DETAIL

SCALE: N.T.S.

4 OPTIONAL SIDEWALL BRACKET DETAIL

SCALE: N.T.S.

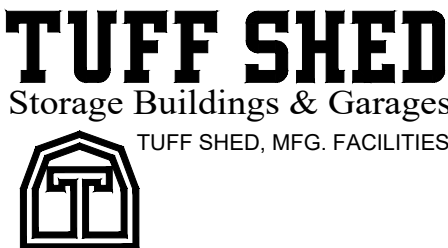
3/8" X 3" SIMPSON TITEN HD BOLT, GALVANIZED, WITH 3/4" WASHER
EMBEDMENT DEPTH = MIN 2 1/2"
MIN. EDGE DISTANCE = 6"
ANCHOR SPACING: RE: TITEN HD ANCHOR BOLTS TABLE, SHEET 3



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).



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TITLE

DETAILS

FBC, 8th EDITION (2023)

155C

DRAWING NO.
FL-PR-SR-TR-01

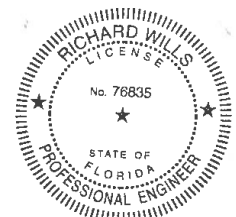
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SHEET 3

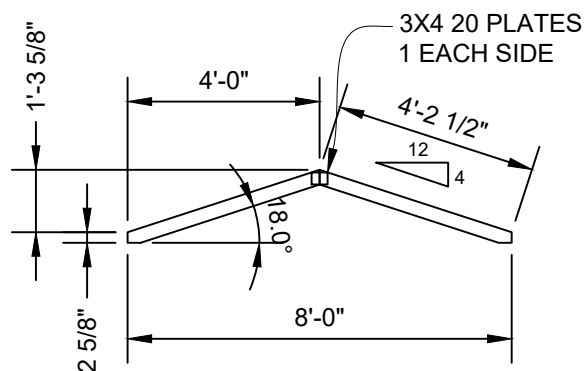
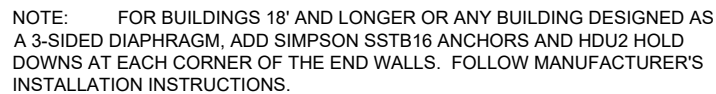
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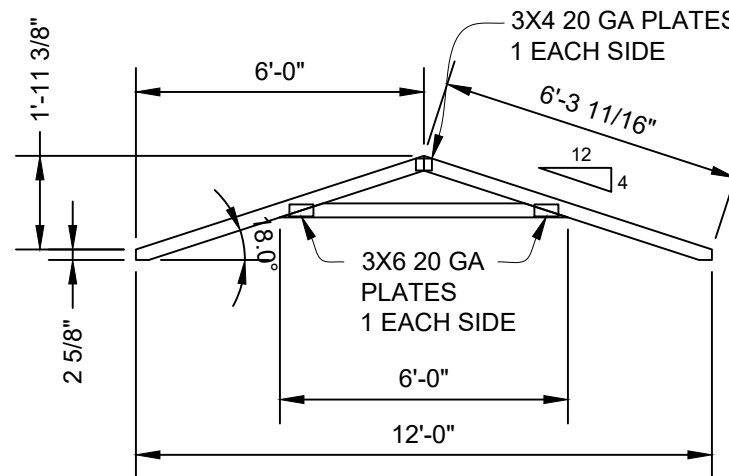


MAXIMUM DEFLECTION (12 FT. SPAN)
VERT LL: 0.06 in.
VERT TL: 0.08 in.

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.



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.

1) **OPTIONAL CONCRETE FOUNDATION DETAIL**
SCALE: N.T.S.

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

A circular professional engineer seal for Richard Wills. The outer ring contains the text "RICHARD WILLS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom, also separated by two stars. In the center of the seal is the license number "No. 76835" with a single star below it.