



City of Belle Isle Job Site Card **Building PERMIT** 2020-03-062

Site Address: **5291 Chiswick Cir 32812**

Subdivision

Class: **Residential**

Parcel Number: **20-23-30-9373-00-700**

Description of Work: HAVING MANUFACTURE INSTALL A HURRICANE CERTIFIED SHED IN MY BACKYARD. 8'X10'. THE SHED WILL SIT ON 1 1/2" CONCRETE PAVERS. THE SHED WILL USE (4) AUGER ANCHORS.

Issued: TUFF SHED INC, SAUREY, TOM, License # CBC1253645 Contact # 407 282-2444

Payment Date & Method: 4 / 6 / 2020 Picked up by email

Emailed

Visa Master Card Amex Discover Check / Money Order#

5567

SEPARATE PERMITS WILL BE REQUIRED FOR ALL SUB-WORK - PERMIT MUST BE POSTED ON SITE

BUILDING	INSPECTOR	DATE	COMMENTS
100 Demo Final			
110 Footing			
120 Stem Wall			
130 Slab			
140 Lintel/Tie Beam			
150 Down Pour			
160 Tilt Panel			
170 Window In-progress			
180 Sheathing (wall)			
190 Sheathing (roof)			
195 Dry-in (roof/walls)			
200 Framing			
205 Drywall Nail/Screw			
210 Fire Rated Assembly			
220 Above-Ceiling			
230 Insulation			
240 Lathe			
250 Final			
260 Other			

PLEASE NOTE: In order to schedule any inspections, the **PERMIT / plans-specs.** must be issued and **POSTED** on the **JOB SITE!** **THIS WILL AVOID ANY FAILED INSPECTIONS & RE-INSPECTION FEES.** A permit **expires** in 6 months if approved inspections are not recorded /scheduled within that time frame. You are responsible for scheduling and keeping track all of your inspections -

☆ **Inspection requests are to be emailed to BIOScheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 3:00 p.m. Please include the following requirements in your request:**

- **Project Address**
- **Corresponding Permit Number**
- **Type of Inspection** (Please reference your permit card for inspection codes)
- **Date of Inspection** (If no date is specified, the inspection will be scheduled for the next business day)
- **Contact Name**
- **Contact Phone Number**
- **Gate / Entry code** (If applicable)
- **AM or PM** may be requested but not guarantee an exact arrival

Universal Engineering Sciences - 3532 Maggie Blvd., Orlando, FL 32811407-581-8161 * Fax 407-581-0313 www.universalengineering.com

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

RECEIVED MARCH - 20 - 2020 COBI - UES



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd, Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Building / Land Use Permit Application

DATE: 03/20/20

PERMIT # 2020-03-062

PROJECT ADDRESS 5291 Chickadee Circle 5291 Chickadee Circle Belle Isle, FL 32809 32812

PROPERTY OWNER Filipego, J.D. PHONE (209) 846-3518 VALUE OF WORK (labor & material) \$ 11403.00

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS:

Having manufacturer install a hurricane certified shed in my backyard 8'x10'
The shed will sit on 1 1/2" concrete pavers. The shed will use 4 Auger anchors.

Please provide information, if applicable.

8'x10' shed on pavers

- SINGLE FAMILY RESIDENCE:** 8.5"x11" Plat Survey, Plot Plan of Home and Floor Plans of New Construction/Revision Required
- BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 26-23-30-4573-00-700

To obtain this information, please visit <http://www.ocpal.org/Searches/ParcelSearch.aspx>

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific foundation plan required to show compliance with zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residences, a Traffic Report, Fire and School impact will be assessed.

ZONING APPROVED

PLANNING & ZONING APPROVAL: 3/20/20 By: [Signature] Date: DATE

PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required)

CONSTRUCTION TYPE _____

OCCUPANCY GROUP _____ Comm Res: _____ Single Fam _____ Multi Fam

#BLDG _____ #UNITS _____ #STORIES _____ TOTAL SQ.FT. _____

MAX. FLOOR LOAD _____ MAX OCCUPANCY _____

MIN FLOOD ELEV. _____ LOW FLOOR ELEV _____

WATER SERVICE _____ WELL _____ SEPTIC _____

BUILDING REVIEWER [Signature] DATE 4-1-20

VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE [Signature] DATE 3-20-20

Per FSS 105 3.3

An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

Page 1 of 2

15T 1K 25
4x2 8
33 ÷ 2
16.50
49.50

Wind Exposure Category: B C D

SPRINKLERS REQ'D	Y	N
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW	Date: Sent	REC'D
ZONING	Y	N
CERT OF OCC	Y	N
TRAFFIC	Y	N
SCHOOL	Y	N
FIRE	Y	N
SWIMMING POOL	Y	N
SCREEN ENCLOSURE	Y	N
ROOFING	Y	N
BOAT DOCK	Y	N
BUILDING	Y	N
WINDOWS (DOORIS)	Y	N
FENCE	Y	N
DRIVEWAY	Y	N
OTHER	Y	N

1% BLAIB FEE

1.5% DCA FEE

TOTAL

OTHER PERMITS REQUIRED:

ELECTRICAL	Y	NA
PREPOWER	Y	NA
MECHANICAL	Y	NA
PLUMBING	Y	NA
ROOFING	Y	NA
GAS	Y	NA

2 min
2 min
83.50

UNIVERSAL ENGINEERING SCIENCES

PAID 4-6-20 USA 5367

Digitally signed by Benjamin Suriel, Lic. AR92725 PX3694
DN: cn=Benjamin Suriel, Lic. AR92725 PX3694, o=Universal Engineering Sciences, ou=Review for Code Compliance, email=bsuriel@universalengineering.com, c=US
Date: 2020.03.31 18:28:19 -0400



City of Belle Isle
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

RECEIVED
 MAR 27 2020

Building Permit (Land Use) Application
 To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 2020-03-062

Owner's Name Mike & Rhonda Fitzgerald
 Owner's Address 5291 Chiswick Circle, Bulk Isl, FL 32812

Contractor Name <u>Tuff Shed - Ashley Wilhelm</u>	Company Name
License #	Company Address <u>4524 E. Colonial Dr.</u>
Contact Phone/Cell <u>407 282 2444</u>	City, State, ZIP <u>Orlando FL 32817</u>
Contact Email <u>awilhelm@tuffshed.com</u>	Contact Fax

WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and for ordinances. Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

Owner Signature [Signature]
 The foregoing instrument was acknowledged before me this 3/27/2020
 by Mike Fitzgerald who is personally known to me
 and who produced Drivers License
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange

Contractor Signature [Signature]
 COMPANY NAME Tuff Shed, Inc
 The foregoing instrument was acknowledged before me this 3/27/2020
 by Tom Saurey who is personally known to me
 and who produced _____
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange

Impervious Surface Ratio Worksheet
 Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per
 City Code, Section 50-74: Impervious Surface Ratio

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).
 Total Lot Area 14,700 X 0.35 =
 Allowable Impervious Area (BASE) 5,145
- Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc.
 - House 3285
 - Driveway 725
 - Walkway 264
 - Accessory Buildings 80
 - Pool & Spa 760
 - Deck & Patio included in Pool & Spa above
 - Other None

Actual Impervious Area (AIA) 5,114

- If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
- If AIA is greater than BASE, then onsite retention must be provided.

Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed

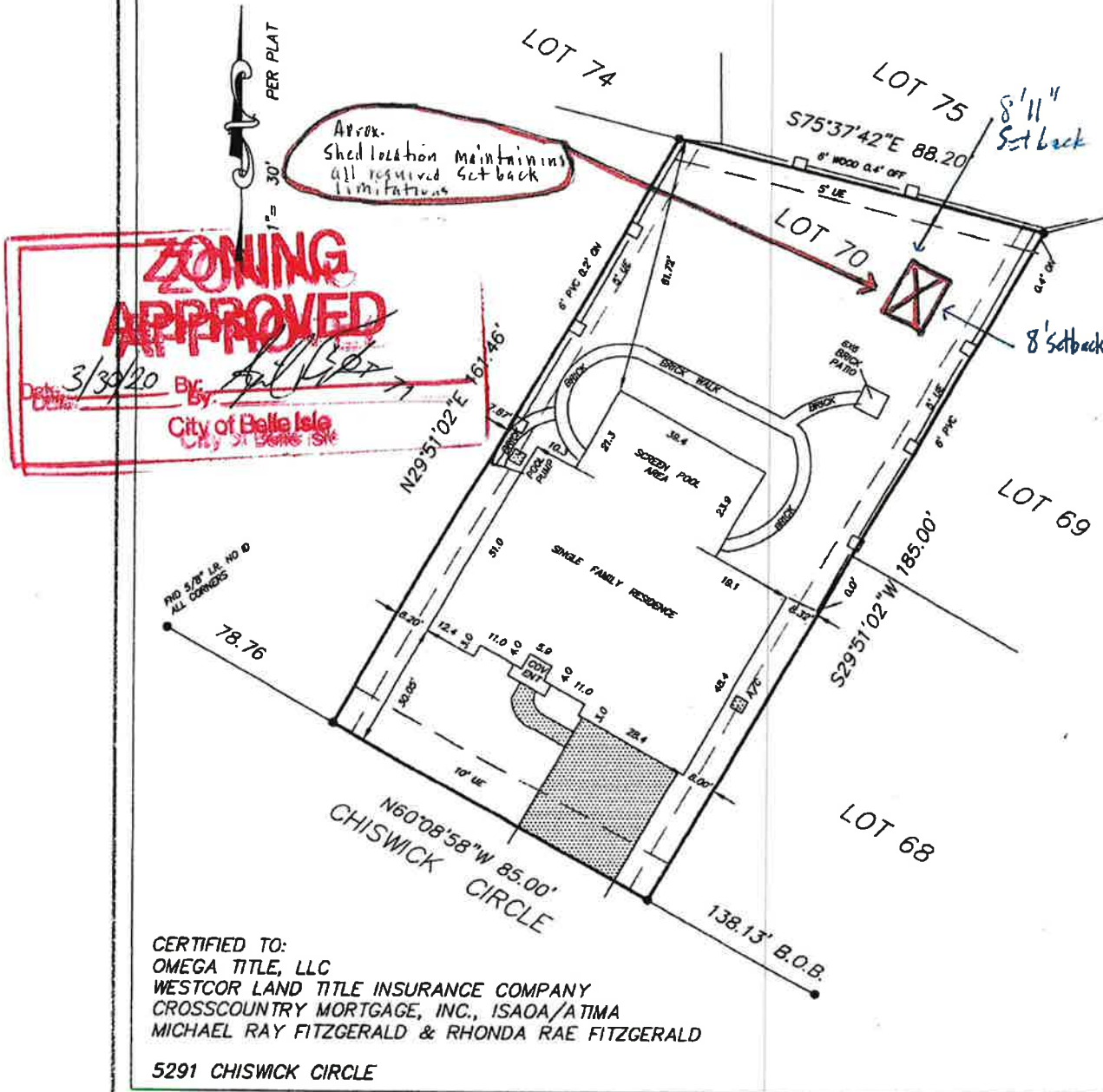
NOTE: The Impervious surface Ratio Worksheet includes all non-dirt/grass areas. The paver pad for the shed as well as the brick walkway does allow water passage between bricks/pavers but I included in the worksheet anyway for a more conservative AIA.

RECEIVED
MAR 27 2020
BY:

BOUNDARY SURVEY

LEGAL DESCRIPTION: LOT 70, WINDSOR PLACE, PHASE I, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 30, PAGE 28-29, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

THE ABOVE REFERENCED PROPERTY IS LOCATED IN ZONE 'X' AREA OF MINIMAL FLOODING, AS PER F.I.R.M. COMMUNITY PANEL NO. 12095C0430 F, ORANGE COUNTY, MAP DATED SEPTEMBER 25, 2009.

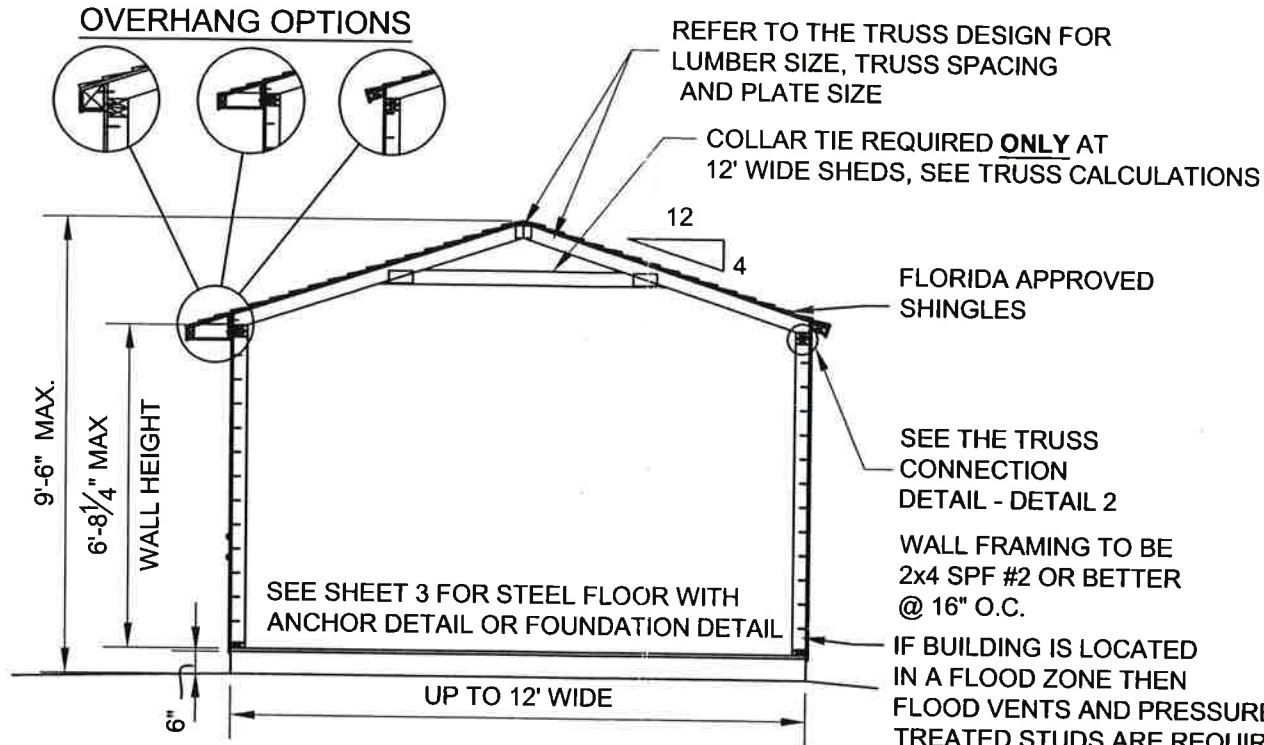


NOTES:

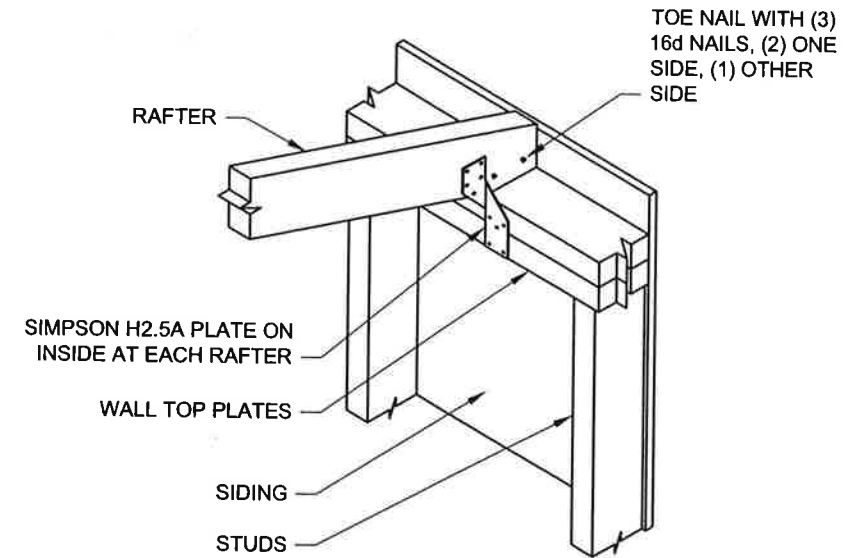
- BUILDING CODE:** FLORIDA BUILDING CODE, 6th EDITION (2017)
BUILDINGS ARE NOT FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ)
- DESIGN LOADING:**
WIND SPEED: $V_{ult} = 155$
 $V_{asd} = 120$
EXPOSURE: C
ROOF LIVE LOAD: 20 PSF
ROOF DEAD LOAD: 10 PSF
FLOOR LIVE LOAD: MIN. 50 PSF (SEE NOTE 5, DETAIL 1, SHEET 3)
RISK CATEGORY: I
COMPONENT AND CLADDING: ROOF: 29 PSF (ZONE 1)
50 PSF (ZONE 2)
74 PSF (ZONE 3)
WIND PRESSURE (psf) (ASD VALUES) (BASED ON 10 SQ FT)
WALL: 34 PSF (ZONE 4)
42 PSF (ZONE 5)

UNINHABITED UTILITY SHED UP TO 12' WIDE x UP TO 24' LONG

SR600, TR700, PR



1 BUILDING SECTION
SCALE: N.T.S.



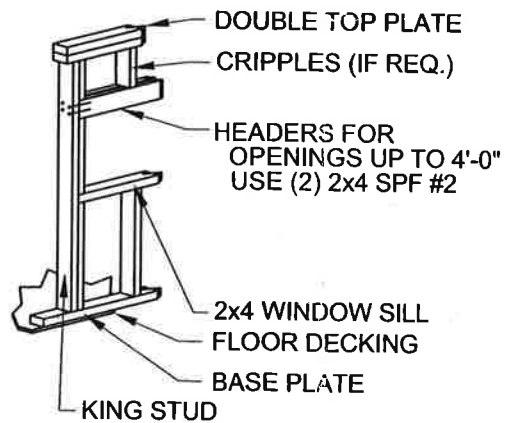
2 TRUSS TO WALL CONNECTION DETAIL
SCALE: N.T.S.

- FLORIDA BUILDING APPROVAL NUMBERS--
- WINDOWS BY TAFCO CORP - FLORIDA BUILDING APPROVAL #FL20743.1.
 - WINDOWS BY SILVER LINE BUILDING PRODUCTS CORP - FLORIDA BUILDING APPROVAL FL14911.5.
 - LP SMARTSIDE SIDING - FLORIDA BUILDING APPROVAL #FL9190.6.
 - ROOF UNDERLAYMENT BY WOODLAND INDUSTRIES INC. - FLORIDA BUILDING APPROVAL #FL17206.1.
 - ROOF UNDERLAYMENT BY GAF - FLORIDA PRODUCT APPROVAL #FL18686.1
 - SHINGLES BY OWENS CORNING - FLORIDA BUILDING APPROVAL #FL10674.1.
 - SHINGLES BY GAF - FLORIDA PRODUCT APPROVAL #FL10124.1
 - INNOVATIONS MANUFACTURING, INC. TRANSOM WINDOWS - FLORIDA BUILDING APPROVAL #FL17667.1.
 - FLOOD SOLUTIONS, LLC FLOOD VENTS (IF REQ'D)- FLORIDA BUILDING APPROVAL #FL17588.1.
 - OX PAPERBOARD MICHIGAN, LLC THERMO-PLY SHEATHING - FLORIDA BUILDING APPROVAL #FL16391.1.
 - TUFF SHED, INC DOORS - FLORIDA BUILDING APPROVAL #FL22202.1, #FL22202.2, #FL22202.3, #FL22202.4

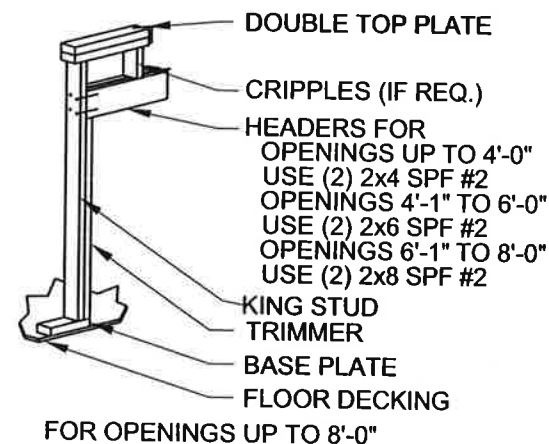
HEADER NAILING:
HEADER TO STUD - 4-16d END NAIL DOUBLED HEADER - 16d @ 16" STAGGERED FACE NAIL

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

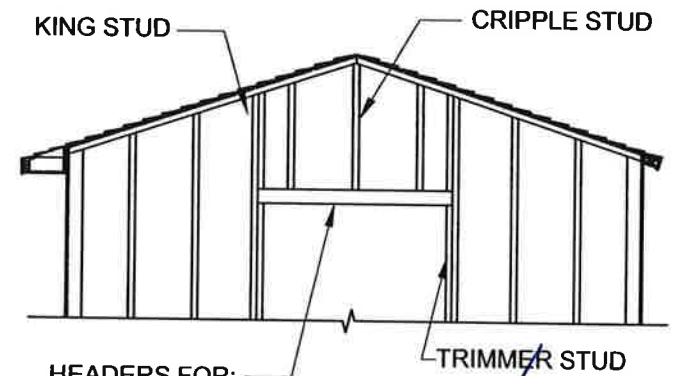
MAX WALL HEIGHT FOR EACH SHED:
SR600 - 5'-8 1/4" (68 1/4")
TR700 - 6'-8 1/4" (80 1/4")
PR - 6'-8 1/4" (80 1/4")



3A WINDOW HEADER DETAIL FOR SIDE WALLS
SCALE: N.T.S.



3B DOOR HEADER DETAIL FOR SIDE WALLS
SCALE: N.T.S.



HEADERS FOR:
OPENINGS UP TO 6'-0" USE (2) 2x4 SPF #2
OPENINGS 6'-1" TO 8'-0" USE (2) 2x6/SPF #2
REFER TO THE DOOR DETAIL (SHEET 2) FOR THE DOOR DESIGN

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



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

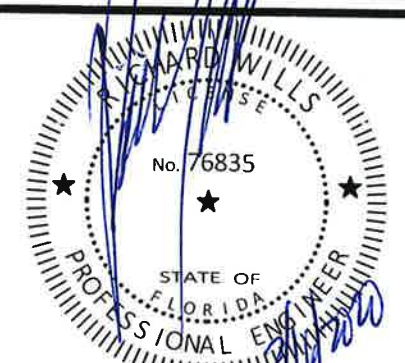
P.O. # _____
Drawn By: PK
Date: 3/12/19
Checked By: _____
Date: _____
Scale: N.T.S.

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
BUILDING SECTIONS
HEADER FRAMING DETAILS
FBC, 6th EDITION (2017)
155C

DRAWING NO.
FL-PR-SR-TR-01
REV. LEVEL 01
SHEET 1
PAGE 1 OF 4



3/8 SMART SIDE NAILING REQUIREMENTS

USE THESE NAILING TABLES FOR THE SR600, TR700 AND PR DRAWINGS

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					
	6'	6'-18'	8d NAILS @ 6" O.C.	0'	6'-18'
	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'-0" RTN WALLS ON EACH END OF WALL- MIN 2'-0" WALL SEGMENT					
	6'	6'-18'	8d NAILS @ 6" O.C.	UP TO 12'	4'
	8'	8'-24'	8d NAILS @ 6" O.C.	UP TO 12'	6'
	8'	8'-24'	8d NAILS @ 4" O.C.	UP TO 12'	4'
	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'	6'
	12'	12'-24'	8d NAILS @ 3" O.C.	UP TO 12'	5'

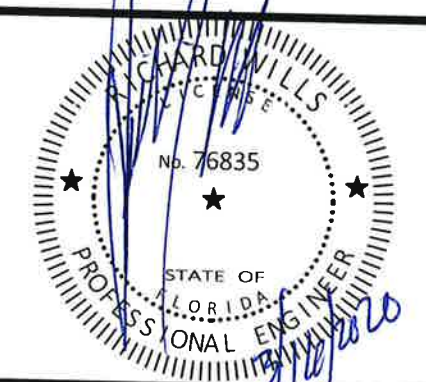
END WALL EDGE NAILING REQUIREMENTS					
MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	EDGE NAILING	MAX. COMB. OPENING	MIN TOTAL COMBINED SHEAR WALL
NO OPENINGS ALONG THE WALL					
	* 6'	6'	8d NAILS @ 3" O.C.		SEE NOTE 3
	* 6'	8'-9'	8d NAILS @ 3" O.C. (BS)		SEE NOTE 3
	6'	10'-14'	8d NAILS @ 3" O.C.	0'	6'
	6'	16'-18'	8d NAILS @ 4" O.C. (BS)	0'	6'
	8'	8'-12'	8d NAILS @ 6" O.C.	0'	8'
	8'	14'-18'	8d NAILS @ 4" O.C.	0'	8'
	8'	20'-22'	8d NAILS @ 3" O.C.	0'	8'
	8'	24'	8d NAILS @ 4" O.C. (BS)	0'	8'
	10'	10'-14'	8d NAILS @ 6" O.C.	0'	10'
	10'	16'-20'	8d NAILS @ 4" O.C.	0'	10'
	10'	22'-24'	8d NAILS @ 3" O.C.	0'	10'
	12'	12'-16'	8d NAILS @ 6" O.C.	0'	12'
	12'	18'-24'	8d NAILS @ 4" O.C.	0'	12'
MIN 2'-0" RTN WALLS ON EACH END OF WALL- MIN 2'-0" WALL SEGMENT					
	6'	6'-9'	8d NAILS @ 6" O.C.	3'	SEE NOTE 3
	6'	10'	8d NAILS @ 3" O.C. (BS)	3'	2' (RE: NOTE 6)
	8'	8'-10'	8d NAILS @ 4" O.C.	3'	5'
	8'	12'-14'	8d NAILS @ 3" O.C.	3'	5'
	8'	16'-24'	8d NAILS @ 3" O.C. (BS)	3'	5'
	8'	8'	8d NAILS @ 4" O.C.	4'	4'
	8'	10'	8d NAILS @ 3" O.C.	4'	4'
	8'	12'-22'	8d NAILS @ 3" O.C. (BS)	4'	4'
	10'	10'	8d NAILS @ 6" O.C.	3'	7'
	10'	12'-14'	8d NAILS @ 4" O.C.	3'	7'
	10'	16'-18'	8d NAILS @ 3" O.C.	3'	7'
	10'	20'-24'	8d NAILS @ 4" O.C. (BS)	3'	7'
	10'	10'-12'	8d NAILS @ 4" O.C.	4'	6'
	10'	14'-16'	8d NAILS @ 3" O.C.	4'	6'
	10'	18'-24'	8d NAILS @ 4" O.C. (BS)	4'	6'
	10'	10'	8d NAILS @ 3" O.C.	6'	4'
	10'	12'-22'	8d NAILS @ 3" O.C. (BS)	6'	4'
	12'	12'-16'	8d NAILS @ 4" O.C.	4'	8'
	12'	18'-20'	8d NAILS @ 3" O.C.	4'	8'
	12'	22'-24'	8d NAILS @ 3" O.C. (BS)	4'	8'
	12'	12'	8d NAILS @ 4" O.C.	6'	6'
	12'	14'-16'	8d NAILS @ 3" O.C.	6'	6'
	12'	18'-24'	8d NAILS @ 4" O.C. (BS)	6'	6'
	12'	12'-20'	8d NAILS @ 3" O.C. (BS)	8'	4'

ROOF SHEATHING (7/16" OSB)			
WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-18'	8d NAILS @ 12" O.C.	8d NAILS @ 4" O.C.
8'	8'-24'	8d NAILS @ 12" O.C.	8d NAILS @ 4" O.C.
10'	10'-24'	8d NAILS @ 12" O.C.	8d NAILS @ 4" O.C.
12'	12'-24'	8d NAILS @ 12" O.C.	8d NAILS @ 4" O.C.

NOTES:
1. USE 8d COMMON OR GALVANIZED BOX NAILS.

TABLE NOTES:

- NAILING IS FOR 3/8" SMARTSIDE PANEL OR 3/8" SMARTSIDE WITH FOIL BACKER.
- NO SINGLE OPENING GREATER THAN 8'-0"
- * 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.
- USE COMMON OR GALVANIZED BOX NAILS.
- FIELD NAILING FOR 3/8" SMARTSIDE: 8d @ 12" O.C.
- ON THESE BUILDINGS 6' X 10'-18' 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.
- (BS) - DESIGNATES WALLS THAT NEED TO BE SHEATHED ON BOTH SIDES.



TUFF SHED
Storage Buildings & Garages
TUFF SHED, MFG. FACILITIES

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

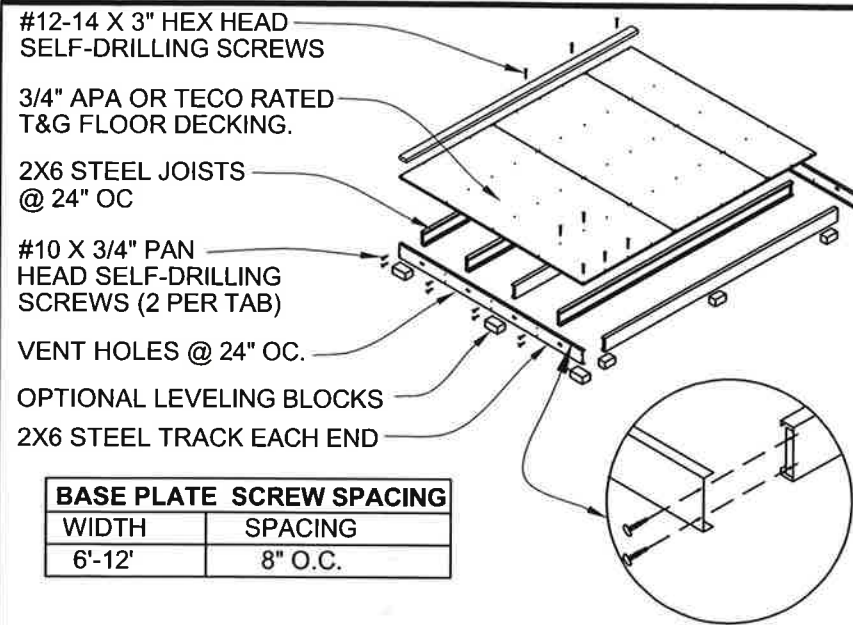
P.O. # _____
Drawn By: PK
Date: 3/12/19
Checked By: _____
Date: _____
Scale: N.T.S.

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
DOOR DETAILS
NAILING REQUIREMENTS
FBC, 6th EDITION (2017)
155C

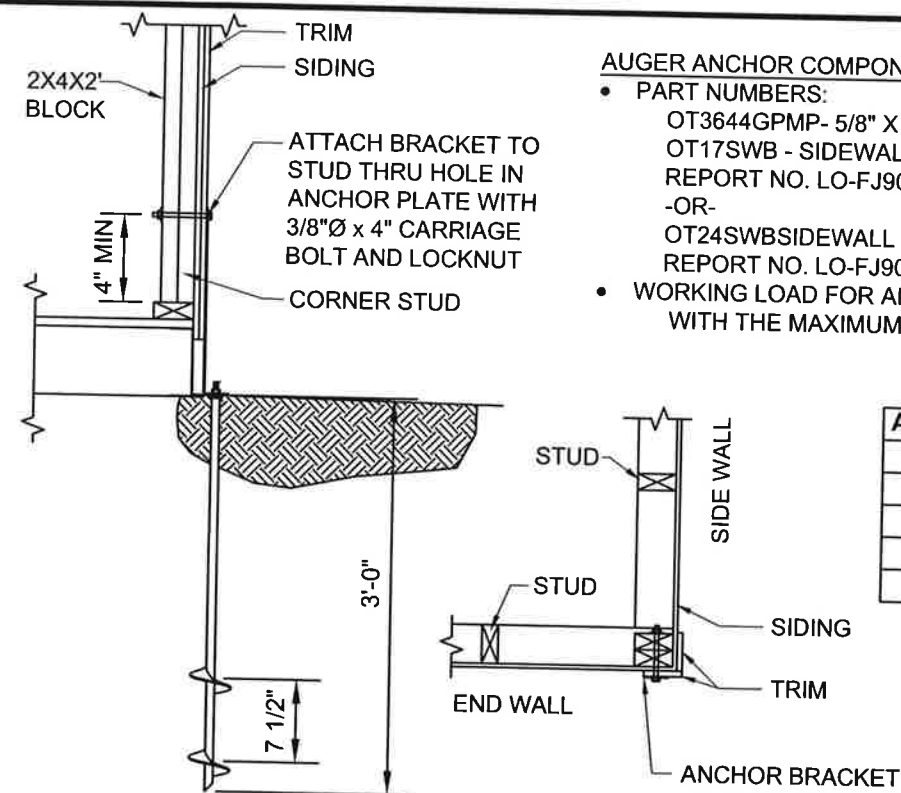
DRAWING NO.
FL-PR-SR-TR-01
REV. LEVEL 01
SHEET 2
PAGE 2 OF 4



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.

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

1 STEEL SHED BASE DETAIL
SCALE: N.T.S.

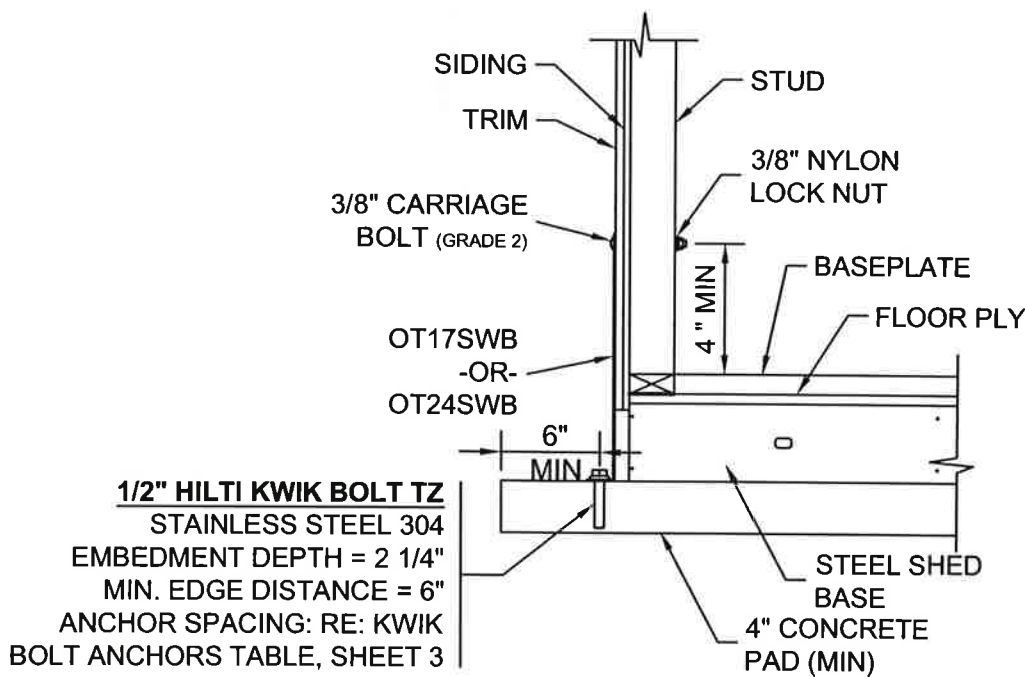


- AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES**
- PART NUMBERS:
OT3644GPMP - 5/8" X 36" (36" IMBED) GALVANIZED AUGER
OT17SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS REPORT NO. LO-FJ90129-A
-OR-
OT24SWBSIDEWALL BRACKET FOR USE WITH THRU BOLTS REPORT NO. LO-FJ90129-B
 - WORKING LOAD FOR ANCHOR SYSTEM IS 3,150 LBS WITH THE MAXIMUM LOAD OF 5,080 LBS

AUGER ANCHORS		
WIDTH	LENGTH	# OF ANCHORS
6'	6'-18'	4 ANCHORS
8'	8'-24'	4 ANCHORS
10'	10'-24'	6 ANCHORS
12'	12'-24'	6 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.

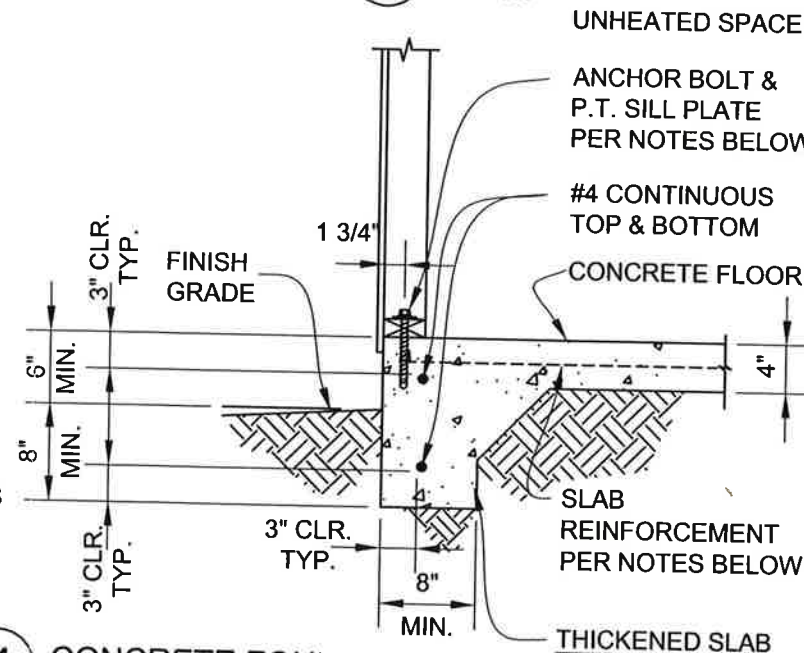
2 AUGER ANCHOR DETAIL
SCALE: N.T.S.



KWIK BOLT ANCHORS (INTO CONCRETE) RE: DETAIL 3 SHEET 3		
WIDTH	LENGTH	QTY
6'	6'-10'	6
6'	12'-18'	8
8'	8'-14'	6
8'	16'-20'	8
10'	10'-16'	6
10'	18'-24'	8
12'	12'-18'	6
12'	20'-24'	8

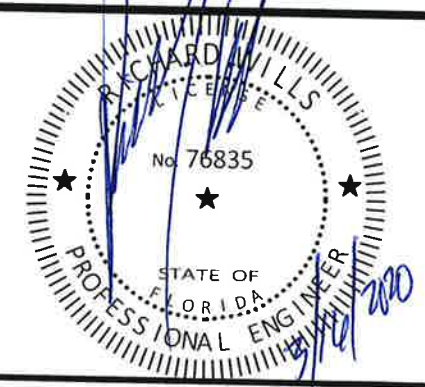
- NOTES:
1. ANCHORS TO BE KWIK BOLT TZ, 304 SS
2. PROVIDE (1) ANCHOR AT EA. CORNER OF THE BUILDING. THE REMAINING ANCHORS EQUALLY SPACED ALONG THE LENGTH OF THE BUILDING. (1/2 THE REMAINING ANCHORS ON EA. LENGTH SIDE EQUALLY SPACED).

4 CONCRETE FOUNDATION DETAIL
SCALE: N.T.S.



- CONTINUOUS FOOTING NOTES**
1. 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 FIBERMESH 150. FIBERMESH SHOULD BE DISPERSED UNIFORMLY THROUGH CONCRETE W/ MIN. 1 POUND PER CUBIC YARD OF CONCRETE.
 2. ALL FOOTING FORMS SHALL BE INSPECTED FOR SIZE AND REINFORCING BEFORE POURING CONCRETE.
 3. FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL, COMPETENT SOIL, OR PROPERLY COMPACTED STRUCTURAL FILL. ALLOWABLE SOIL BEARING PRESSURE IS 1000 PSF AT 12" BELOW GRADE.
 4. CONCRETE: MINIMUM 28 DAY COMPRESSIVE STRENGTH, $f_c = 2500$ PSI.
 5. 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.
 6. SEISMIC DESIGN CATEGORY: A
 - A. ATTACH PRESSURE TREATED SOLE PLATE TO THE FOOTING USING 1/2" DIA X 8" LONG SIMPSON TITEN HD ANCHOR WITH WASHERS.
 - B. EXPANSION BOLTS SHALL BE EMBEDDED AT LEAST 5" INTO THE CONCRETE AND SHALL BE SPACED NOT MORE THAN 6" OC.
 - C. 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.

Reviewed for Code Compliance
Universal Engineering Sciences



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

P.O. # _____
Drawn By: PK
Date: 3/12/19
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
DETAILS

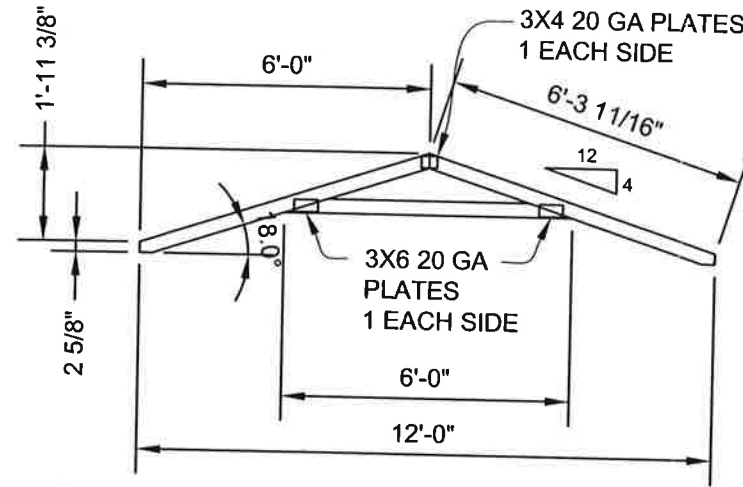
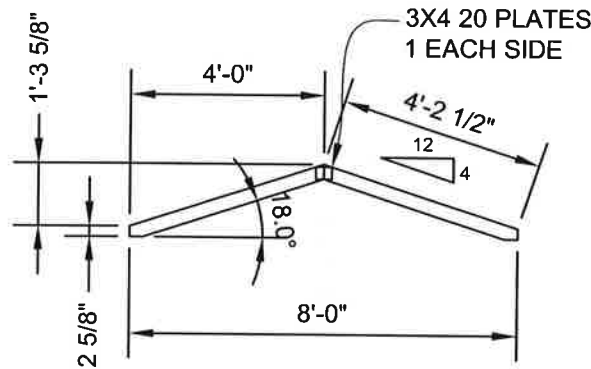
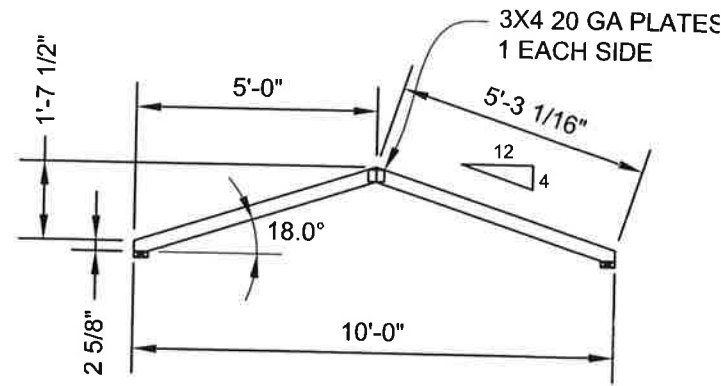
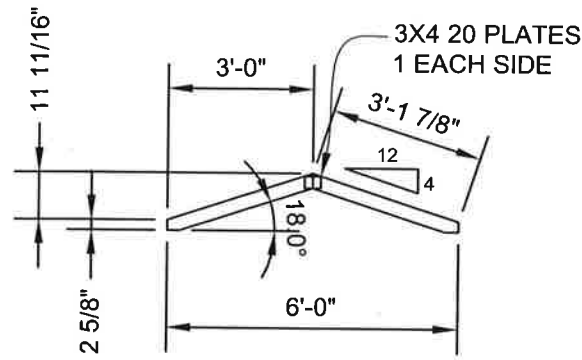
FBC, 6th EDITION (2017)
155C

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

REV. LEVEL 01

SHEET 3

PAGE 3 OF 4



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.

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.

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.

12' SPAN
REACTIONS:
 MAX. VERTICAL: 390 LBS.
 MAX. UPLIFT: -285 LBS.

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

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

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

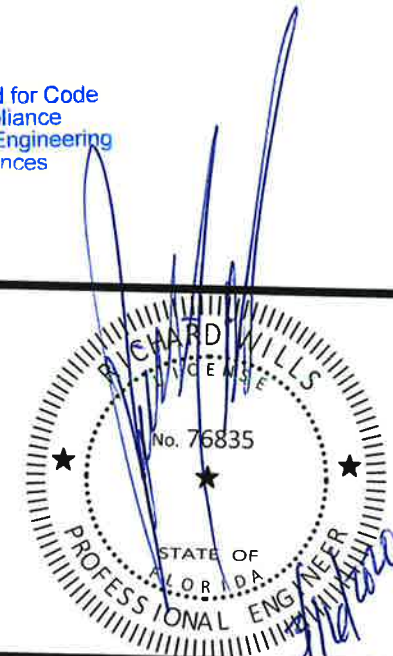
NOTES:
 FBC, 6th EDITION (2017)
 ANSI/TPI 1-2007
 TRUSSES TO BE SPACED @ 24" OC
 MATERIAL TO BE 2X4 SPRUCE PINE FIR GRADE #2 OR BETTER
 PLATES ARE TO BE PRESSED IN THE WOOD PER TPI.

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

WIND:
 ASCE 7-10, 155 mph, Exposure C, D.O.L.=1.60

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

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: PK
 Date: 3/12/19
 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
 FBC, 6th EDITION (2017)
 155C

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



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

CONSTRUCTION INDUSTRY LICENSING BOARD

THE BUILDING CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SAUREY, TOM

TUFF SHED INC

1777 S HARRISON ST, STE 600
DENVER CO 80210-3931

LICENSE NUMBER: CBC1253645

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**


CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

dbpr	STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CBC1253645	ISSUED: 07/16/2018
BUILDING CONTRACTOR SAUREY, TOM TUFF SHEOLINE	
	Signature
LICENSED UNDER CHAPTER 489, FLORIDA STATUTES	
EXPIRATION DATE: AUGUST 31, 2020	

3200 RETAIL STORE 2019 EXPIRES 9/30/2020 3200-1155229
 \$30.00 1 EMPLOYEE

TOTAL TAX \$30.00
 PREVIOUSLY PAID \$30.00
 TOTAL DUE \$0.00

SAUREY TOM

TUFF SHED INC
 SAUREY TOM
 1777 S HARRISON ST SUITE 600
 DENVER CO 80210

8524 E COLONIAL DR
U - ORLANDO, 32817

PAID: \$30.00 0099-00887630 7/15/2019

Tax Collector Scott Randolph

Local Business Tax Receipt

Orange County, Florida

This local Business Tax Receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

3200 RETAIL STORE 2019 EXPIRES 9/30/2020 3200-1155229
 \$30.00 1 EMPLOYEE

TOTAL TAX \$30.00
 PREVIOUSLY PAID \$30.00
 TOTAL DUE \$0.00



SAUREY TOM

TUFF SHED INC
 SAUREY TOM
 1777 S HARRISON ST SUITE 600
 DENVER CO 80210

8524 E COLONIAL DR
U - ORLANDO, 32817

PAID: \$30.00 0099-00887630 7/15/2019

This receipt is official when validated by the Tax Collector.

Orange County Code requires this local Business Tax Receipt to be displayed conspicuously at the place of business in public view. It is subject to inspection by all duly authorized officers of the County.

RICK SINGH, CFA - ORANGE COUNTY PROPERTY APPRAISER

- Searches
- Sales Search
- Results
- Property Record Card
- My Favorites

[Sign up for e-Notify...](#)

5291 Chiswick Cir < 20-23-30-9373-00-700 >

Name(s)
 Fitzgerald Michael Ray
 Fitzgerald Rhonda Rae

Physical Street Address
 5291 Chiswick Cir
 Postal City and Zipcode
 Orlando, FL 32812

Mailing Address On File
 5291 Chiswick Cir
 Belle Isle, FL 32812-2114

Property Use
 0103 - Single Fam Class III

Municipality
 Belle Isle



View 2019 Property Record Card

- Property Features
- Values, Exemptions and Taxes
- Sales Analysis
- Location Info
- Market Stats

[Update Information](#)

2020 values will be available in August of 2020.

Property Description

WINDSOR PLACE PHASE 1 30/28 LOT 70

View Plat

Total Land Area 14,700 sqft (+/-) | 0.34 acres (+/-) GIS Calculated Notice

Land

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0100 - Single Family	R-1-AA	1 LOT(S)	working...	working...	working...	working...

Page 1 of 1 (1 total records)

Buildings

Important Information		Structure	
Model Code:	01 - Single Fam Residence	Actual Year Built:	1995
Type Code:	0103 - Single Fam Class III	Beds:	4
		Gross Area:	3285 sqft
		Living Area:	2391 sqft