



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

PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FC 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 agencies, such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, County, State or Federal Statutes. This permit becomes VOID if the work authorized is not completed within the time period specified on the Mechanical services. This permit becomes VOID if the work authorized is not completed within a 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA

Scope of Work: SHED: 10'X12'

Comments: None

Project Information

Address: 2534 Oak Island Pointe, Belle Isle, FL 32809
 Parcel ID: 18-23-30-6031-00-110
 Property Owner: Cress, Jason
 Phone Number: 407-896-3671

 Company Name: BY OWNER
 Contractor Name:
 License Number:
 Address:
 Phone Number:

Permit Number: 2014-05-033

Date of Application: 05/20/2014
 Date Permit Issued: 06/17/2014

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

School \$
 Traffic \$

ZONING FEES

Zoning Fee \$30.00

UNIVERSAL ENG. - BUILDING FEES

Demo \$
 Building \$
 Fence \$
 Driveway \$ \$49.50
 Shed \$
 Window(s) \$
 Door(s) \$
 PrePower \$
 Electrical \$
 Temp Pole \$
 Plumbing \$
 Mechanical \$
 Gas \$
 Roofing \$
 Boat Dock \$
 Screen Encl \$
 Swimming Pool \$

SURCHARGE FEES

Surcharge Fee \$2.00
 Surcharge Fee \$2.00

TOTAL FEES \$83.50

Date Paid 6-18-14
 CC or Check # 0004 7909
 Amount Paid 83.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (F.S 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:
 Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

1st BUILDING (Footing/Foundation)
 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____
 2nd (Slab)
 3rd (Lintel/Wall Reinforcing on Masonry Building)
 4th (Exterior Framing/Roof/Wall Sheathing)
 5th (Framing). (To be made after Plumber/Mechanical/Electrical Rough-Ins & Windows/Doors Installed)
 6th (Insulation to be Made After Roof Installed)
 7th (Drywall)
 8th (Sidewalk/Driveway)
 9th (Other)
 10th (Final – After MEP and Other Applicable Finals)

1st ROOFING
 1st ROOFING Deck Nailing/Dry-in/Flashing _____
 2nd ROOFING Covering In-Progress _____
 3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip. Etc...)

1st _____ (Sewer)
 2nd _____ (Final)
 3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

1st GAS ___ Natural ___ LP ___ MECHANICAL ___ ELECTRICAL ___ LOW VOLTAGE
 1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to IBDScheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 1pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com/f/1694c6cd-8326-44bc-9809-ecf329e2e6f3>
 login ID = cobi@universalengineering.com password = universal13



City of Belle Isle

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Building Permit (Land Use) Application

DATE: 05-21-2014

PERMIT # 2014-05-033

PROJECT ADDRESS 2534 OAK ISLAND POINTE Belle Isle, FL 32809 32812

PROPERTY OWNER OAK ISLAND LAND TRUST PHONE 407-896-3871 VALUE OF WORK (labor & material) \$ 3,490.-

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

INSTALL 10x12 SHED, IN SOUTHWEST CORNER OF PROPERTY, POSSIBLY ON PRE EXISTING SLAB.

Please provide information, if applicable.

- Survey specific foundation plan required to show compliance with zoning setbacks
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 Number: 18-23-30-6031-00-110

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

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCRoACH INTO ANY EASEMENT OR REQUIRED SETBACK. Note, this Zoning Approval MAY or MAY NOT be in conflict with your Dead Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

Date: 5/21/14 By: [Signature]

Attached Survey 1 SETS and Construction Plans 2 SETS

PLANNING & ZONING APPROVAL:

DATE

PLEASE COMPLETE for Building Review

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

Angel P. Ruiz Buiss DATE 6-17-2014

NOTES

Per FSS 105.33:

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.



Wind Exposure Category: B C D

Table with columns for item, Y/N, and cost. Includes items like ZONING, CERT OF OCC, TRAFFIC, SCHOOL, FIRE, SWIMMING POOL, SCREEN ENCLOSURE, ROOFING, BOAT DOCK, BUILDING, WINDOW(S), DOOR(S), FENCE, SHED, DRIVEWAY, OTHER, and 3% FL SURCHARGE.

TOTAL \$ 83.50

Table with columns for item, Y, and NA. Includes items like By Owner Form, Notice of Commencement, Power of Attorney, and Contractor Packet Included?

Table with columns for item, Y, and NA. Includes items like ELECTRICAL, PREPOWER, MECHANICAL, PLUMBING, ROOFING, and GAS.



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DATE: 05-21-2014

PERMIT # 2014-05-033

PROJECT ADDRESS 2534 OAK ISLAND POINTE, Belle Isle, FL 32809 32812

PROPERTY OWNER OAK ISLAND LAND TRUST PHONE 407-896-3671 VALUE OF WORK (labor & material) \$ 2490.-

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Please provide information, if applicable.

- Survey specific foundation plan required to show compliance with zoning setbacks
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
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Attached Survey 1 SETS and Construction Plans 2 SETS

PLANNING & ZONING APPROVAL: _____

DATE _____

PLEASE COMPLETE for Building Review

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 _____

DATE _____

NOTES _____

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

Wind Exposure Category: B ___ C ___ D ___

SPRINKLERS REQ'D	Y	N	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW Date: Sent _____ RCD _____			
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	\$ _____
WINDOW(S)	Y	N	\$ _____
DOOR(S)	Y	N	\$ _____
FENCE	Y	N	\$ _____
SHED	Y	N	\$ _____
DRIVEWAY	Y	N	\$ _____
OTHER	Y	N	\$ _____

3% FL SURCHARGE _____
TOTAL _____

By Owner Form	Y	NA
Notice of Commencement	Y	NA
Power of Attorney	Y	NA
Contractor Packet Incuded?	Y	N

OTHER PERMITS REQUIRED:

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



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Building Permit (Land Use) Application

To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 2014

Owner's Name JASON CROSS

Owner's Address 2534 OAK ISLAND POINTE, BELLE ISLE, FL 32809

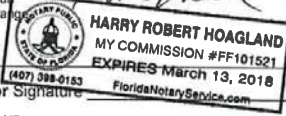
Contractor Name <u>SELF / OWNER</u>	Company Name
License #	Company Address
Contact Phone/Cell <u>407-896-3671</u>	City, State, ZIP
Contact Email	Contact Fax

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/or 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 05/21/14
 by JASON CROSS 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 _____



Contractor Signature _____
 COMPANY NAME _____
 The foregoing instrument was acknowledged before me this 5/21/14
 by _____ 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 _____ X 0.35 = _____
 Allowable Impervious Area (BASE) _____
- 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 _____
 - Driveway _____
 - Walkway _____
 - Accessory Buildings _____
 - Pool & Spa _____
 - Deck & Patio _____
 - Other _____
 Actual Impervious Area (AIA) _____
- 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

PROJECT NUMBER 015.H00016.0000

TASK NUMBER 06

CITY OF BELLE ISLE
Permit Application Review Sheet

Permit Number	2014-05-033
Property Owner	Cross, Jason
Address	2534 Oak Island Pointe
Nature of Improvement	10' x 12' STED
Received Application	5-20-14
Sent for Stormwater Review	
Stormwater Approved	/
Sent for Zoning Review	5-21-14
Zoning Approved	5-22-14
Applied for Variance	
Variance Approved	1
Sent to BO for Review	5-21-14
Building Official Approved	6-17-14
Comments	
1.	Susan 5-20-14 wo # (emailed) to send to COBI for zoning
2.	small enough to email
3.	
4.	comment review wo # 37507
5.	5-22-14 wq rec'd Zoning approval
6.	5-27-2014 AP Incorrect Wind Exposure. Update plans and
7.	Truss sheets to Exposure "D", as required
8.	per 2010 FBC-R301.2.1.4.3
9.	5-27-14 wq emailed Angel's comments to Jason
10.	6-13-14 wq emailed Jason for status
11.	6-17-14 wq rec'd revised plans - wo 38431
12.	6-17-14 wq emailed Jason it's ready



COBI Permit Fee Calculation Form



Reviewer Signature: AP. Date: 5-27-2014

Permit Type:	<u>shed</u>	Job Cost:	<u>\$ 2490 -</u>
Permit Fee:	<u>\$ 33.00</u>		
Plans Review Fee:	<u>\$ 16.50</u>	(50% of permit fee – excluding ReRoofs)	
1.5% State Fee:	<u>\$ 2.00</u>		
1.5% State Fee:	<u>\$ 2.00</u>		
TOTAL BUILDING FEE:	<u>\$ 53.50</u>	(does not include Zoning fees or Deposits)	

Note: Total gets doubled for SWO/AFT permits

$$2.5 + (\$4 \times 2) = 8 + 25 = \$33$$
$$33 \times 50\% = 16.50 + 33 = \$49.50$$
$$49.50 \times 1.5\% / 2 = 4.00 + 49.50 =$$
$$\$53.50$$



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OWNER BUILDER DISCLOSURE STATEMENT

Per Florida Statute 455.228:

**Homeowners hiring unlicensed Contractors may be
subject a fine of up to \$5,000.00!**

Before me this day personally appeared JASON CROSS, who being duly sworn, deposes, and says as follows. "I hereby acknowledge that I have read and fully understand the individual provisions of this instrument."

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license
jc Initial
2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility. jc Initial
3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts. jc Initial
4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000.00. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption. jc Initial
5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction. jc Initial
6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance. jc Initial
7. I understand that it is a frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit, that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property. jc Initial
8. I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk. jc Initial

Owner Builder Disclosure Statement

9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

JC Initial

10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at (850)487-1395 or www.Call.Center@dbpr.state.fl.us for more information about licensed contractors.

JC Initial

11. I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

Project Address: 2534 OAK ISLAND POINTE JC Initial

12. I agree to notify the City of Belle Isle Building/Zoning Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure.

JC Initial

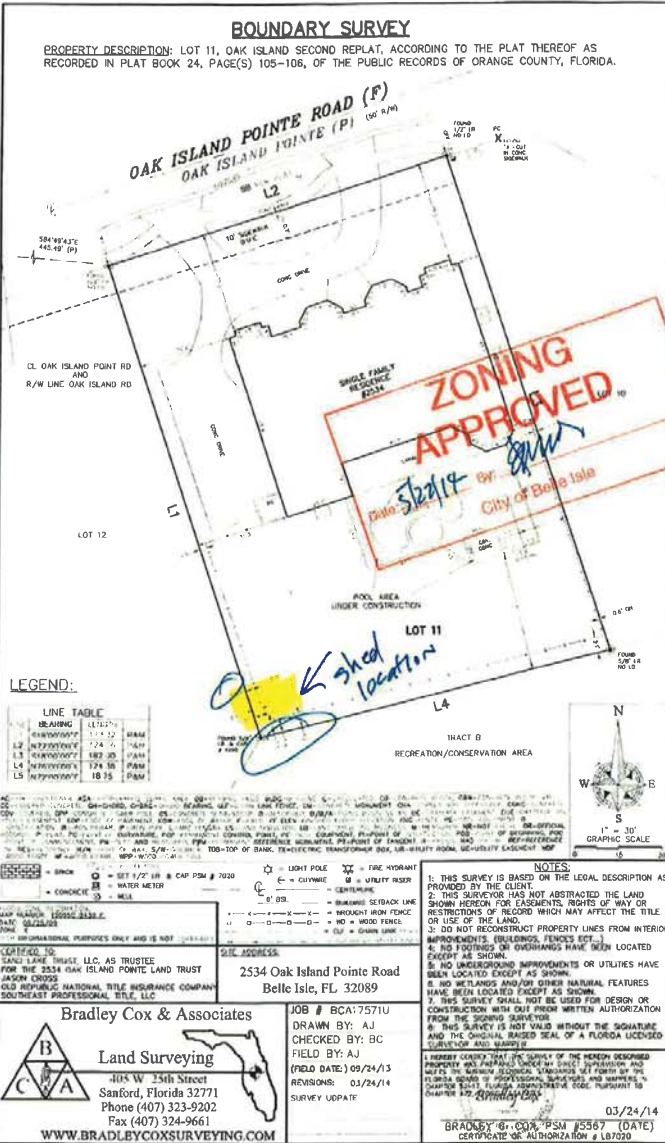
Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if any unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit. A copy of the property owner's driver license, the notarized signature of the property owner, or other type of verification acceptable to the local permitting agency is required when the permit is issued.

Signature: <u>[Signature]</u> <small>(Signature of the property owner)</small>	Print: <u>JASON CROSS</u> <small>(Name of the property owner)</small>
Signature: _____ <small>(Signature of the property owner)</small>	Print: _____ <small>(Name of the property owner)</small>
Owner's Address: <u>2534 OAK ISLAND POINTE</u>	
The foregoing instrument was acknowledged before me this <u>4</u> / <u>9</u> / <u>14</u>	
by <u>JASON CROSS</u> who is personally known to me / who produced the following _____ as identification and who did not take an oath.	
State of Florida / County of <u>ORANGE</u>	Seal:
Notary Signature: <u>[Signature]</u>	

BOUNDARY SURVEY

PROPERTY DESCRIPTION: LOT 11, OAK ISLAND SECOND REPLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 24, PAGE(S) 105-106, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.



LEGEND:

LINE TABLE	
BEARING	LENGTH
S45°00'00"W	111.12
N72°00'00"E	174.55
S18°00'00"W	182.05
N72°00'00"E	174.55
S18°00'00"W	182.05

CONVEYANCE TO SANDY LANE TRUST, LLC AS TRUSTEE FOR THE SANDY OAK ISLAND POINT LAND TRUST JASON CROSS OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY SOUTHEAST PROFESSIONAL TITLE, LLC

2534 Oak Island Pointe Road
Belle Isle, FL 32089

Bradley Cox & Associates
Land Surveying
404 W. 15th Street
Sanford, Florida 32771
Phone (407) 323-9202
Fax (407) 324-9661
WWW.BRADLEYCOXSURVEYING.COM

JOB # BCA:7571U
DRAWN BY: AJ
CHECKED BY: BC
FIELD BY: AJ
(FIELD DATE) 09/24/13
REVISIONS: 03/24/14
SURVEY UGPAT: 03/24/14

NOTES:
1. THIS SURVEY IS BASED ON THE LEGAL DESCRIPTION AS PROVIDED BY THE CLIENT.
2. THIS SURVEYOR HAS NOT ABSTRACTED THE LAND SHOWN HEREON FOR EASEMENTS, RIGHTS OF WAY OR RESTRICTIONS OF RECORD WHICH MAY AFFECT THE TITLE OR USE OF THE LAND.
3. DO NOT RECONSTRUCT PROPERTY LINES FROM INTERIOR IMPROVEMENTS, ENCLOSURES, FENCES, ETC.
4. NO FOOTINGS OR EXCHANGING HAVE BEEN LOCATED EXCEPT AS SHOWN.
5. NO UNRECORDED IMPROVEMENTS OR UTILITIES HAVE BEEN LOCATED EXCEPT AS SHOWN.
6. NO DISTURBANCES AND/OR OTHER NATURAL FEATURES HAVE BEEN LOCATED EXCEPT AS SHOWN.
7. THIS SURVEY SHALL NOT BE USED FOR DESIGN OR CONSTRUCTION WITH OUT PRIOR WRITTEN AUTHORIZATION FROM THE SURVEYOR.
8. THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND REGISTER.

I HEREBY CERTIFY THAT THE SURVEY OF THE HEREIN DESCRIBED PROPERTY WAS PERSONALLY CONDUCTED BY SAID SURVEYOR AND SAID SURVEYOR HAS MET THE MINIMUM EDUCATIONAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MEMBERS IN COMPLIANCE WITH FLORIDA ADMINISTRATIVE CODE PURSUANT TO CHAPTER 467, F.S. 467.001.

BRADLEY COX, P.S.M. #5567 (DATE) 03/24/14
CERTIFICATE OF AUTHORIZATION # LB7020



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OFFICE OF THE SECRETARY

FL #	FL15585-R1				
Application Type	Revision				
Code Version	2010				
Application Status	Approved				
Comments	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.				
Archived	<input type="checkbox"/>				
Product Manufacturer	Croft, LLC				
Address/Phone/Email	P.O. Box 826 McComb, MS 39649 (601) 250-5088 Ext. 372 ANDERSD@CROFTLLC.COM				
Authorized Signature	DENNIS ANDERS ANDERSD@CROFTLLC.COM				
Technical Representative	Dennis Anders				
Address/Phone/Email	P.O. Box 826 McComb, MS 39649 andersd@croftmetals.com				
Quality Assurance Representative					
Address/Phone/Email					
Category	Windows				
Subcategory	Single Hung				
Compliance Method	Certification Mark or Listing				
Certification Agency	American Architectural Manufacturers Association				
Validated By	American Architectural Manufacturers Association				
Referenced Standard and Year (of Standard)	<table border="0"> <tr> <td>Standard</td> <td>Year</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2008</td> </tr> </table>	Standard	Year	AAMA/WDMA/CSA 101/I.S.2/A440	2008
Standard	Year				
AAMA/WDMA/CSA 101/I.S.2/A440	2008				
Equivalence of Product Standards Certified By					
Product Approval Method	Method 1 Option A				
Date Submitted	09/16/2013				



Date Validated 10/14/2013
 Date Pending FBC Approval
 Date Approved 10/21/2013

Summary of Products		
FL #	Model, Number or Name	Description
15585.1	Series 96	Aluminum Single Hung Window - Fin and Flange Frame Products
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: Units - R-PG35-1327x1924 (52x76)-H; R-PG40*-914x1829 (36x72)-H; R-PG35-1219x1829 (48x72)-H. Please refer to installation instructions, CRF014, for design pressure ratings based on unit size and further limitations of use.		Certification Agency Certificate FL15585_R1_C_CAC_Croft - 96 SH (Fin) 101-08 .pdf FL15585_R1_C_CAC_Croft - 96 SH (Fin) (4) Aug. 13.pdf FL15585_R1_C_CAC_Croft - 96 SH (Flange) 101-08.pdf Quality Assurance Contract Expiration Date 09/27/2015 Installation Instructions FL15585_R1_II_CRF014_SS.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. #73778 Created by Independent Third Party: Yes Evaluation Reports FL15585_R1_AE_PER2501_SS.pdf Created by Independent Third Party: Yes

Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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 *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



Product Approval

Product of Application Search > Application List

Criteria [Refine Search](#)

Revision	2010	FL#	15585
Product Type	ALL	Product Manufacturer	ALL
Product Status	ALL	Subcategory	ALL
Product Approval Method	ALL	Compliance Method	ALL
Product Approval Entity	ALL	Quality Assurance Entity	ALL
Product Approval Contract	ALL	Contract Expired	ALL
Product Approval Description	ALL	Product Description	ALL
Product Approval for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Product Approval Assistant	ALL	Design Pressure	ALL

Results - Applications

Type	Manufacturer	Validated By	Status
R1 Revision	Croft, LLC	American Architectural Manufacturers Association (414) 614-1535	Approved
Subcategory: Single Hung			

* Dependent Approvals by DASH shall be reviewed and validated by the FOC and/or the Commission if necessary.

CAULK BETWEEN
CONCRETE/ MASONRY & EX
WOOD BACK BY OTHERS
CONCRETE/ MASONRY BY OTHERS



3/4" MIN. EDGE DISTANCE

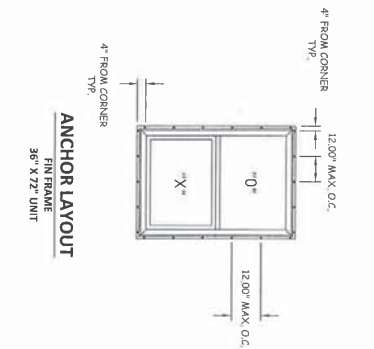
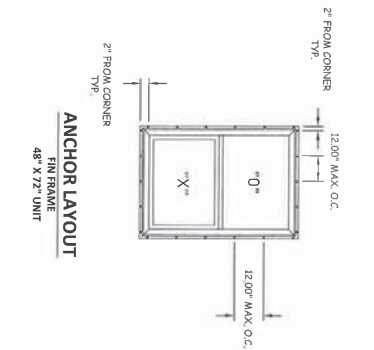
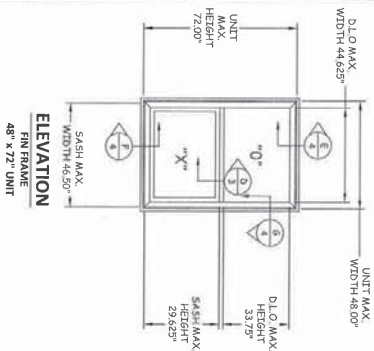
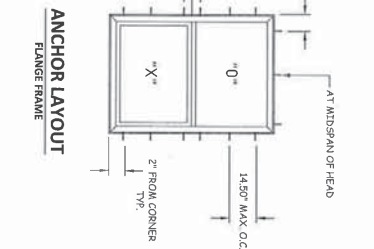
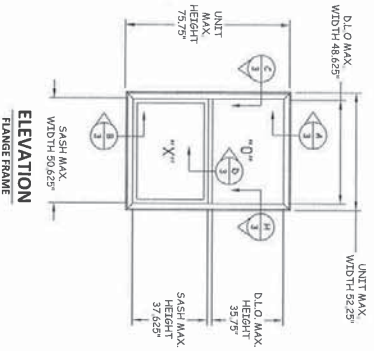
#10 WOOD SCREW



1/4" MAX.
SPACING BETWEEN



CROFT



TITLE:
SERIES 96 SINGLE-HUNG
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
398 E DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

3-D DESIGN
ARCHITECTURE
P.O. BOX 1000
MCCOMB, MS 39069
PH: (601) 464-4212 FX: (601) 793-3188

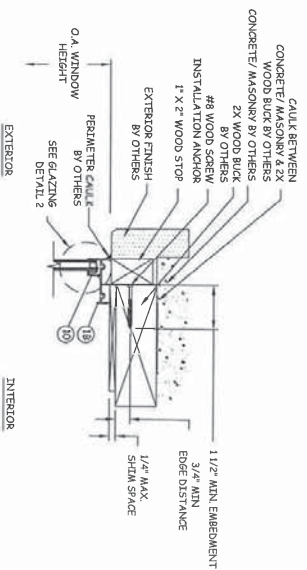
CROFT

REVISIONS

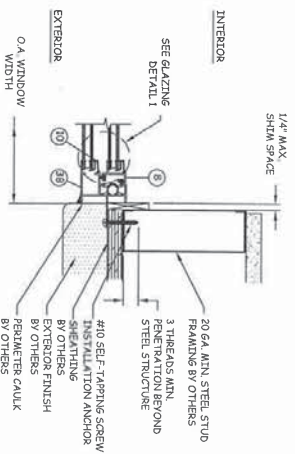
NO.	DESCRIPTION	BY	DATE



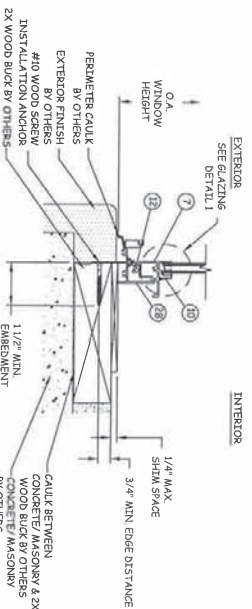
DATE: 08.08.13
DWN BY: M.S.S.
CHK BY: HFN
SCALE: NTS
DWG # CRF014
SHEET: 2 OF 5



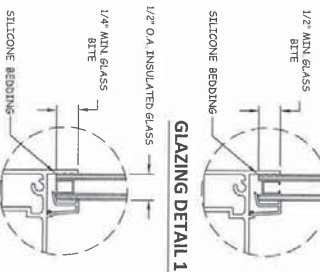
E
4
VERTICAL SECTION
HEAD - 2X WOOD BUCK
FIN FRAME - 36" X 72" UNIT



G
4
HORIZONTAL SECTION
HEAD - STEEL STUD
FIN FRAME - 48" X 72" UNIT



F
4
VERTICAL SECTION
SILL - 2X WOOD BUCK
FIN FRAME - 48" X 72" UNIT



NOTE:
 GLASS THICKNESS AND TYPE
 MAY VARY PER ASTM E 1300-04
 GLASS CHART REQUIREMENTS
 IN THE CURRENT FLOORING
 BUILDING CODE.

GLAZING DETAIL 2

TITLE:
 SERIES 96 SINGLE-HUNG
 GLAZING & INSTALLATION DETAILS -
 FIN FRAME
PREPARED BY:
 BUILDING DROPS, INC.
 358 E. DANIA BEACH BLVD., #338
 DANIA BEACH, FL 33404
 Ph: (954) 399-8478 FX: (954) 744-4738

REVISIONS

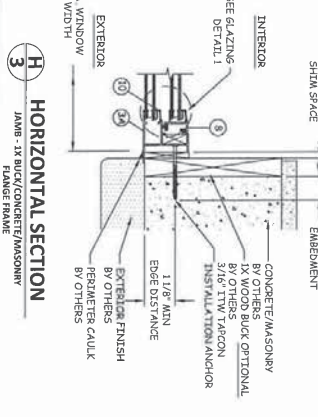
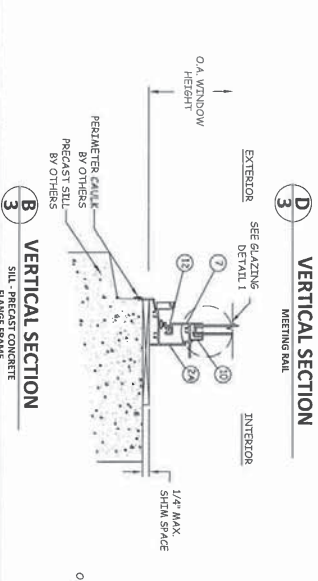
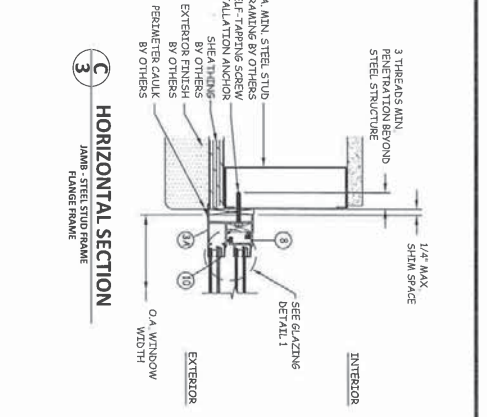
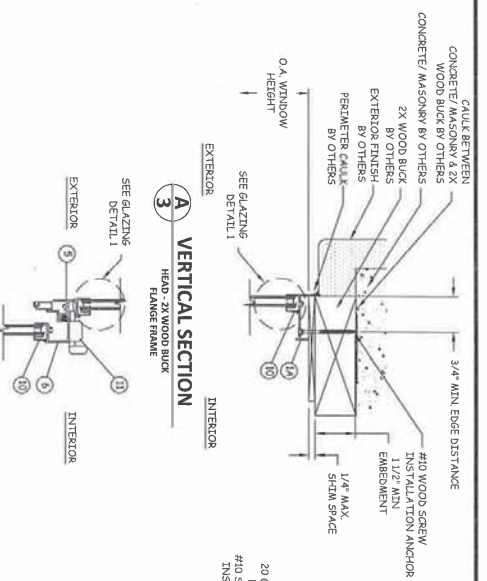
NO.	DESCRIPTION	BY	DATE

HERMANES P. NORDER
 LICENSED PROFESSIONAL ARCHITECT
 No. 75378
 STATE OF FLORIDA
 REGISTERED PROFESSIONAL ARCHITECT

DATE: 08.08.13
 DWN BY: MSS
 CHK BY: HFN
 SCALE: NTS
CRF014
 SHEET 4 OF 5



174 N. W. 20th St.
 APOCATA, FL 32909
 407-885-1111
 FAX: 407-885-1112



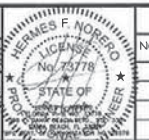
REVISIONS		
NO.	DESCRIPTION	BY DATE

TITLE: SERIES 96 SINGLE-HUNG INSTALLATION DETAILS - FLANGE FRAME

PREPARED BY: BUILDING DROPS, INC. 398 E. DANEA BEACH BLVD., #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738

CRF
CORPORATION

1100 100th Ave. S.W.
Moundville, AL 36688
PH: 205-666-4321 FX: 205-781-3188



DATE: 08.08.13
DRAWN BY: MSS
CHK BY: HFN
SCALE: NTS

DWG # **CRF014**
SHEET: 3 OF 5



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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE SECRETARY

FL #	FL10674-R9									
Application Type	Revision									
Code Version	2010									
Application Status	Approved									
Comments										
Archived	<input type="checkbox"/>									
Product Manufacturer	Owens Corning									
Address/Phone/Email	One Owens Corning Parkway Toledo, OH 43659 (740) 404-7829 greg.keeler@owenscorning.com									
Authorized Signature	Greg Keeler greg.keeler@owenscorning.com									
Technical Representative	Mel Sancrant									
Address/Phone/Email	1 Owens Corning PKWY Toledo, OH 43659 (419) 376-8360 mel.sancrant@owenscornig.com									
Quality Assurance Representative										
Address/Phone/Email										
Category	Roofing									
Subcategory	Asphalt Shingles									
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received									
Florida Engineer or Architect Name who developed the Evaluation Report	Robert J.M. Nieminen									
Florida License	PE-59166									
Quality Assurance Entity	UL LLC									
Quality Assurance Contract Expiration Date	09/26/2014									
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received									
Certificate of Independence	FL10674_R9_COI_2014_01_COI_Nieminen.pdf									
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D3161, Class F</td> <td>2006</td> </tr> <tr> <td>ASTM D3462</td> <td>2007</td> </tr> <tr> <td>ASTM D7158, Class H</td> <td>2007</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D3161, Class F	2006	ASTM D3462	2007	ASTM D7158, Class H	2007	
<u>Standard</u>	<u>Year</u>									
ASTM D3161, Class F	2006									
ASTM D3462	2007									
ASTM D7158, Class H	2007									
Equivalence of Product Standards Certified By										



Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 02/28/2014

Date Validated 03/05/2014

Date Pending FBC Approval 03/05/2014

Date Approved 04/18/2014

Summary of Products		
FL #	Model, Number or Name	Description
10674.1	Owens Corning Asphalt Roofing Shingles and Starters	3-tab, 4-tab, 5-tab, laminated, starter and hip & ridge shingles
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER, Section 5.		Installation Instructions FL10674_R9_IL_2014_03_FINAL_OC_Aspphalt Shingles_FL10674-R9.pdf Verified By: Robert J. M. Nieminen PE - 59166 Created by Independent Third Party: Yes Evaluation Reports FL10674_R9_AE_2014_03_FINAL_OC_Aspphalt Shingles_FL10674-R9.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



Professional Regulation

Product Approval

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[Criteria](#) | [Refine Search](#)

Product Type	2010 FL#	Status
ALL	ALL	ALL
Product Manufacturer		
ALL		
Subcategory		
ALL		
Compliance Method		
ALL		
Quality Assurance Entity		
ALL		
Contract Expired		
ALL		
Product Description		
ALL		
Approved for use outside HVHZ		
ALL		
Assistant		
ALL		
Design Pressure		
ALL		

Results - Applications

TYPE	Manufacturer	Validated By	Status
ES0 Revision	Owens Corning Category: Roofing Subcategory: Asphalt Shingles	John W. Knezevich, PE (954) 772-6224	Approved

*Data, Approved by Dopr, shall be reviewed and ratified by the ROC and/or the Commission if necessary.





EXTERIOR RESEARCH & DESIGN, LLC.
Certificate of Authorization #9503
353 CHRISTIAN STREET, UNIT #13
OXFORD, CT 06478
PHONE: (203) 262-9245
FAX: (203) 262-9243

EVALUATION REPORT

Owens Corning
One Owens Corning Parkway
Toledo, OH 43659

Evaluation Report O37940.02.12-R4
FL10674-R9
Date of Issuance: 02/06/2012
Revision 4: 03/04/2014

SCOPE:

This Evaluation Report is issued under Rule 9N-3 and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been designed to comply with the 2010 FBC and 2010 FBC Residential Volume sections noted herein.

DESCRIPTION: Owens Corning Asphalt Roof Shingles

LABELING: Each unit shall bear labeling in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity|ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

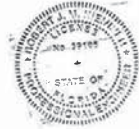
ADVERTISEMENT: The Evaluation Report number preceded by the words "Trinity|ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 7.

Prepared by:

Robert J.M. Nieminen, P.E.
Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 03/04/2014. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client.

CERTIFICATION OF INDEPENDENCE:

1. Trinity|ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. Trinity|ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.



ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Asphalt Shingles

Compliance Statement: Owens Corning Asphalt Roof Shingles, as produced by Owens Corning, have demonstrated compliance with the following sections of the Florida Building Code and Florida Building Code, Residential Volume through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1507.2.5, R905.2.4	Physical Properties	ASTM D3462	2007
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D3161, Class F	2006
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D7158, Class H	2007

3. REFERENCES:

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
UL LLC (CER9626)	Physicals & Wind Resistance	File R2453, Vol. 3	02/15/2007
UL LLC (CER9626)	Physicals & Wind Resistance	20120516-R2453	05/16/2012
UL LLC (TST9628)	Physical Properties	06CA20263	04/18/2006
UL LLC (TST9628)	Wind Resistance	11CA34308	02/18/2012
UL LLC (TST9628)	Physicals & Wind Resistance	4786093137	02/01/2014
UL LLC (TST9628)	Wind Resistance	4786126532	02/10/2014
UL LLC (TST9628)	Physical Properties	Classification letter	02/13/2014
Miami-Dade (CER1592)	FBC HVHZ Compliance	Various NOAs	Various
UL LLC (QUA9625)	Quality Control	Service Confirmation R2453	Exp. 09/26/2014

4. PRODUCT DESCRIPTION:

- 4.1 Asphalt Shingles:
 - 4.1.1 Classic® and Supreme® are fiberglass reinforced, 3-tab asphalt roof shingles.
 - 4.1.2 Berkshire® are fiberglass reinforced, 4-tab asphalt roof shingles.
 - 4.1.3 Devonshire™ are fiberglass reinforced, 5-tab asphalt roof shingles.
 - 4.1.4 Duration®, TruDefinition® Duration®, Duration® Premium Cool, TruDefinition® Duration® Designer Color Collection, TruDefinition® Oakridge®, Oakridge® and WeatherGuard® HP are fiberglass reinforced, laminated asphalt roof shingles.
- 4.2 Berkshire® Hip & Ridge Shingles, High Ridge, Hip & Ridge with Sealant, WeatherGuard® HP Hip & Ridge Shingles, ProEdge Hip & Ridge Shingles and DuraRidge™ Hip & Ridge Shingles are fiberglass reinforced, hip and ridge asphalt roof shingles.
- 4.3 Starter Strip Plus and Starter Shingle Roll are starter strips for asphalt roof shingles.

5. LIMITATIONS:

- 5.1 This Evaluation Report is not for use in the HVHZ.
- 5.2 Fire Classification is not part of this Evaluation Report; refer to current Approved Roofing Materials Directory for fire ratings of this product.
- 5.3 Wind Classification:



- 5.3.1 All Owens Corning shingles noted herein are Classified in accordance with FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F and/or ASTM D7158, Class H, indicating the shingles are acceptable for us in all wind zones up to $V_{asd} = 150$ mph ($V_{ult} = 194$ mph). Refer to Section 6 for installation requirements to meet this wind rating.
- 5.3.2 All Owens Corning hip & ridge shingles and Starter Strip Plus noted herein are Classified in accordance with FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F, indicating the shingles are acceptable for us in all wind zones up to $V_{asd} = 150$ mph ($V_{ult} = 194$ mph). Refer to Section 6 for installation requirements to meet this wind rating.
- 5.3.3 Classification by ASTM D7158 applies to exposure category B or C and a building height of 60 feet or less. Calculations by a qualified design professional are required for conditions outside these limitations. Contact the shingle manufacturer for data specific to each shingle.
- 5.3.4 Refer to Owens Corning published information on wind resistance and installation limitations.
- 5.4 All products in the roof assembly shall have quality assurance audit in accordance with the Florida Building Code and F.A.C. Rule 9N-3.

6. INSTALLATION:

6.1 Underlayment:

- 6.1.1 Underlayment shall be acceptable to Owens Corning and shall hold current Florida Statewide Product Approval, or be Locally Approved per Rule 9N-3, per FBC Sections 1507.2.3, 1507.2.4 or R905.2.3.

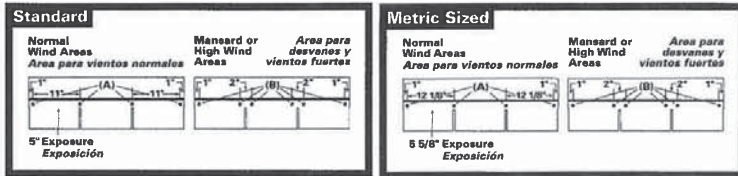
6.2 Asphalt Shingles:

- 6.2.1 Installation of asphalt shingles shall comply with the manufacturer's current published instructions, using minimum four (4) nails per shingle in accordance with FBC Sections 1507.2 or R905.2, with the following exceptions:
 - Berkshire® shingles require minimum five (5) nails per shingle.
 - WeatherGuard® HP shingles require minimum six (6) nails per shingle.
 - Devonshire™ shingles require minimum six (6) nails per shingle.
 - Starter Strip Plus requires minimum five (5) nails per strip.

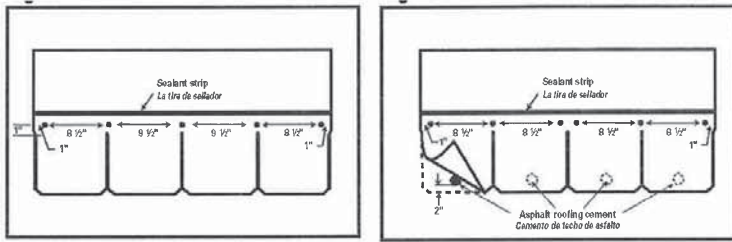
Refer to Owens Corning published information on wind resistance and installation limitations.

- 6.2.2 Fasteners shall be in accordance with the manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.2.4 Where the roof slope exceeds 21 units vertical in 12 units horizontal, special methods of fastening are required. Contact the shingle manufacturer for details.

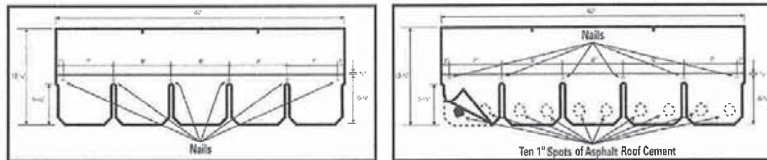
6.2.5 Minimum Nailing – Classic® & Supreme:



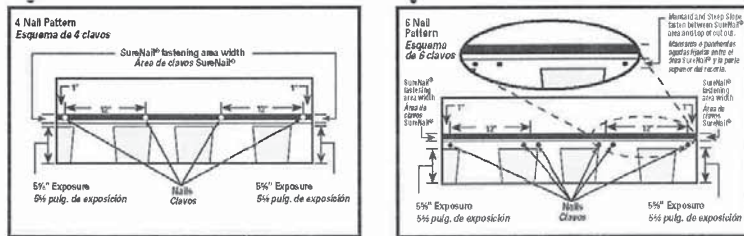
6.2.6 Minimum Nailing – Berkshire®:



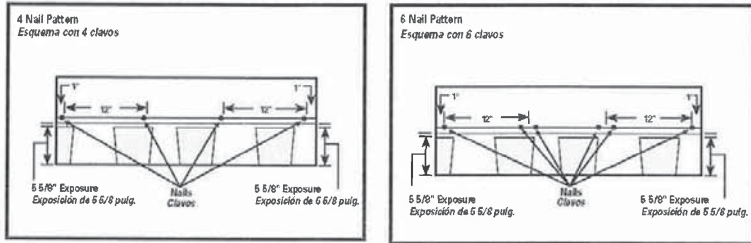
6.2.7 Minimum Nailing – Devonshire™:



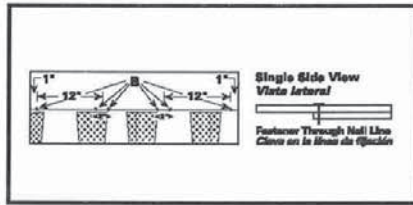
6.2.8 Minimum Nailing – Duration®, TruDefinition®, Duration® Premium Cool & TruDefinition® Duration® Designer Color Collection:



6.2.9 Minimum Nailing – TruDefinition® Oakridge®, Oakridge®:



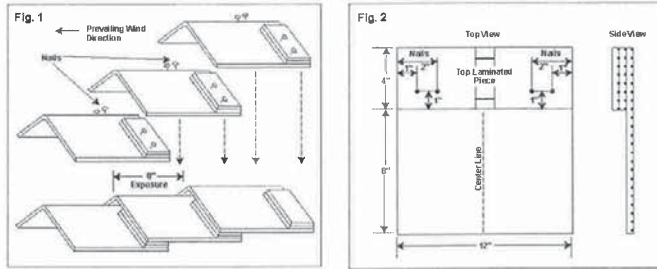
6.2.10 Minimum Nailing – WeatherGuard® HP:



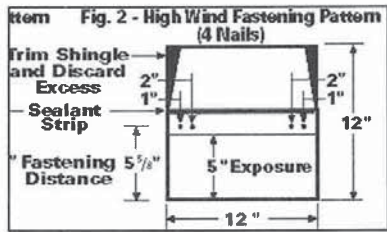
6.3 Hip & Ridge Shingles:

- 6.3.1 Installation of Berkshire® Hip and Ridge Shingles, High Ridge, Hip & Ridge with Sealant, WeatherGuard® HP Hip and Ridge Shingles and ProEdge Hip & Ridge Shingles shall comply with the manufacturer's current published instructions, using four (4) nails per shingle. Installation of DuraRidge™ Hip & Ridge Shingles shall comply with the manufacturer's current published instructions, using two (2) nails per shingle. Refer to Owens Corning published information on wind resistance and installation limitations, including the use of hand-sealing for wind warranties.
- 6.3.2 Fasteners shall be in accordance with the manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.

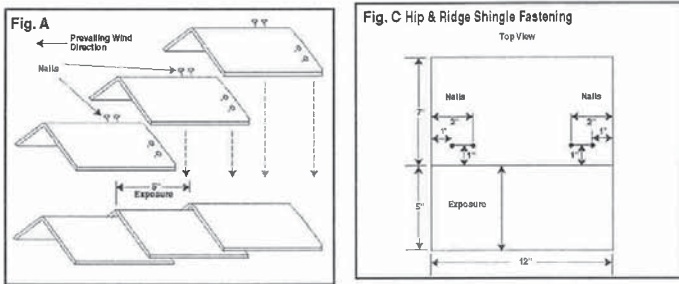
6.3.3 Minimum Nailing – Berkshire® Hip & Ridge and High Ridge:



6.3.4 Minimum Nailing – Hip & Ridge with Sealant:

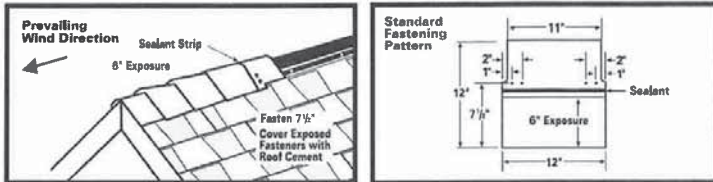


6.3.5 Minimum Nailing – WeatherGuard® HP Hip and Ridge:

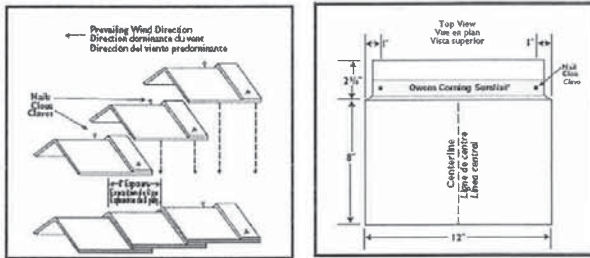




6.3.6 Minimum Nailing - ProEdge Hip & Ridge Shingles:



6.3.7 Minimum Nailing - DuraRidge™ Hip & Ridge Shingles:
 Note: The drawings below pertain to minimum, as-tested attachment requirements. Refer to Owens Corning published installation instructions for their minimum requirements.



7. LABELING:

- 7.1 Each unit shall bear a permanent label with the manufacturer's name, logo, city, state and logo of the Accredited Quality Assurance Agency noted herein.
- 7.2 Asphalt shingle wrappers shall indicate compliance with one of the required classifications detailed in FBC Table 1507.2.7.1 / R905.2.6.1.

8. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction in order to properly evaluate the installation of this product.

9. MANUFACTURING PLANTS:

Contact the named QA entity for information on which plants produce products covered by Florida Rule 9N-3 QA requirements.

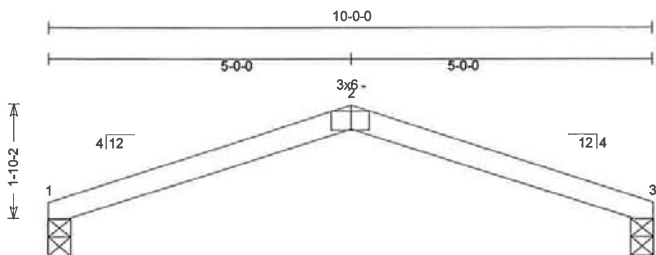
10. QUALITY ASSURANCE ENTITY:

UL LLC- QUA9625 ; (414) 248-6409; karen.buchmann@ul.com

- END OF EVALUATION REPORT -

Truss: 10R
 JobName: tuff
 Date: 06/04/14 10:18 AM
 Page: 1 of 1

SPAN 10-0-0	PITCH 4/12	QTY 1	OHL 0-0-0	OHR 0-0-0	CANT L 0-0-0	CANT R 0-0-0	PLYS 1	SPACING 24 in	WGT/PLY 23 lbs
----------------	---------------	----------	--------------	--------------	-----------------	-----------------	-----------	------------------	-------------------



Loading	General	CSI Summary	Deflection	L/ (10c)	Allowed
Load (psf)	Bldg Code: FBC 2010/	TC: 1.00 (1-3)	Vert TL: 0.99 in	L/121 (2-3)	L/120
TCLL: 20	TP1 1-2007		Vert LL: 0.66 in	L/182 (2-3)	L/180
TCDL: 10	Rep Mbr Increase: Yes		Horz TL: 0.47 in	3	
	D.O.L.: 125%				

Reaction Summary

JT	Type	Brg Combo	Brg Width	Rqd Brg Width	Max React	Max Grav Uplift	Max MWERS Uplift	Thrust
1	Fin (Wall)	1	3.5 in	1.50 in	300 lbs		-240 lbs	82 lbs
3	H Roll/SPRING (Wall)	1	3.5 in	1.50 in	300 lbs		-240 lbs	

Material Summary

TC SYP #1 2 x 4

Bracing Summary

TC Bracing: Sheathed

Loads Summary

1) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 130 mph (Factored), Exposure D, Enclosed, Gable/Hip, Risk Category I, Overall Bldg Dims 10 ft x 16 ft, h = 10 ft, Not End Zone Truss, Both end webs considered. DOL = 1.60

UNIQUE BEARING CONDITIONS MAY REQUIRE SPECIAL ATTENTION
 THE BUILDING DESIGNER MUST ACCOUNT FOR NOT ONLY THE BEARING REACTION BUT FOR THE HORIZONTAL THRUST AND THE UPLIFT. PROVIDE MECHANICAL CONNECTION (BY OTHERS) TO RESIST FORCES SHOWN. EOR SUPPLIED A WALL SPRING CONSTANT OF 0.081 K/IN

Seal Date: 6/4/2014

Truss Design Engineer:
 Robert S. Rude, PE
 Florida License #44553
 Bob Rude Structures, Inc.
 10461 Six Mile Cypress Pkwy, Suite #501
 Fort Myers, FL 33966
 C.A. No.: 8910



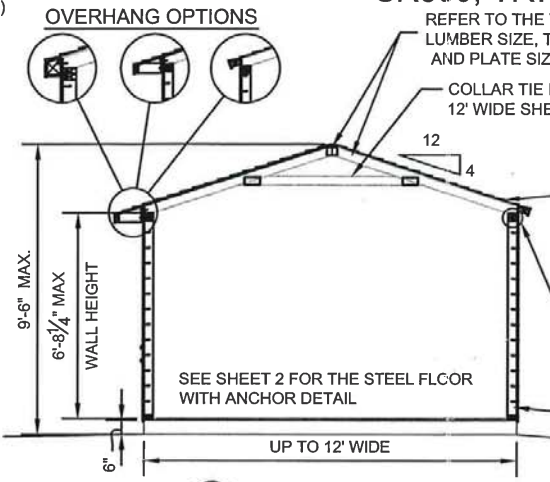
A copy of this design shall be furnished to the erection contractor. This design is for an individual building component (a truss). It is based on specifications provided by the Truss Designer and performed in accordance with TPI 1-2002 and the 2010 AISI design standard. The responsibility is assumed for the accuracy of information provided by the Truss Designer. Dimensions shall be verified by building designer. Clear dimensions are not automatically assumed for the building. The building designer shall review loading, truss configuration and initial deflection data shown to ensure that this design meets or exceeds minimum loading required by applicable building codes. Compression chords shall be braced in accordance with the need for their stability, directly braced, and/or indirectly braced. Bracing shown is for lateral support of individual truss components and is not intended to resist wind loading or overall building design loading which is by others. Refer to IBC/ASCE for recommended truss bracing and erection. Do not apply loads beyond weight of members until all permanent bracing is in place. Connection of compression loads greater than the design loads shall not be applied to the truss at any time. Trusses shall be braced with one piece of truss at each joint. If other bracing is required, it shall be provided by others. Compression members shall be manufactured by Eagle Metal Products (ESP-1082). Plates shall be applied on both faces of truss at each joint. Plate dimensions are listed with a length. Size (holes) in plate shall run parallel to the plate length. The plate shall be centered on joint and/or placed in accordance with the erection version of TPI. Design member deflection and/or weight will be provided to other project participants. The seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any particular building design is the responsibility of the building designer, per ANSI/TPI 1-2002 Chapter 2.

Eagle Metal Products
 2711 LBJ Freeway, Suite 160
 Dallas, Texas 75234

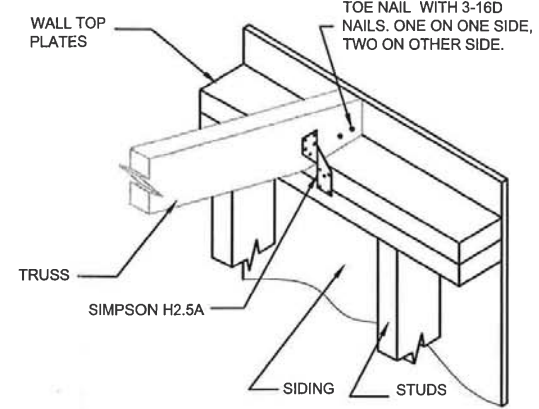
received
6-17-14

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

NOTES:
 1. **BUILDING CODE:**
 2010 FLORIDA BUILDING CODE
 BUILDINGS ARE NOT FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ)
 2. **DESIGN LOADING:**
 WIND SPEED (T1609.3): Vult = 130 MPH
 Vasd = 101 MPH
 D
 EXPOSURE:
 ROOF LIVE LOAD: 20 PSF
 ROOF DEAD LOAD: 10 PSF
 FLOOR LIVE LOAD: MIN. 50 PSF (SEE NOTE 5, DETAIL 4, SHEET 2)
 RISK CATEGORY: 1
 COMPONENT AND CLADDING: ROOF: +16/-25 PSF (ZONE 1)
 +16/-43 PSF (ZONE 2)
 +16/-64 PSF (ZONE 3)
 WALL: +27/-29 PSF (ZONE 4)
 +27/-36 PSF (ZONE 5)
 (BASED ON 10 SQ FT)
 INTERNAL WIND PRESSURE COEFFICIENT: (ENCLOSED BUILDING) +0.18
 -0.18
 WINDOWS:
 CROFT WINDOWS FL 15585
 DOORS:
 STANDARD DOOR CONSTRUCTION FOR TUFF SHED DOORS
 UP TO 47" x 80 1/4" ON SINGLE HUNG DOORS AND 96" x 80 1/4" ON DOUBLE DOORS EXCEED ALL LOAD REQUIREMENTS FOR THE ABOVE CRITERIA.
 SEE DOOR DETAILS - SHEET 2



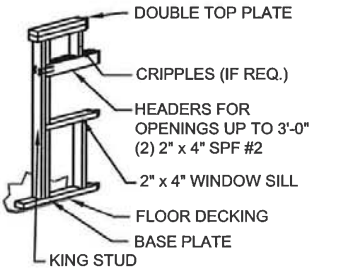
1 BUILDING SECTION
SCALE: N.T.S.



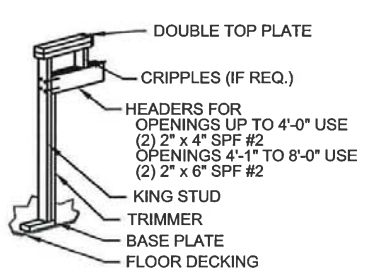
4 TRUSS TO WALL CONNECTION DETAIL
SCALE: N.T.S.

NOTE:
 SIDEWALL DOORS ARE NOT AVAILABLE ON THE SR-600 SHEDS.

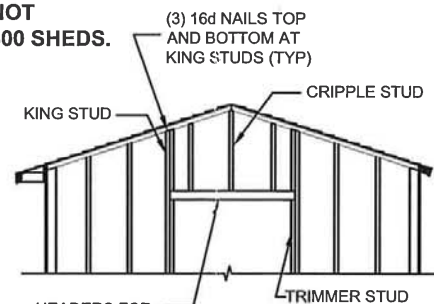
HEADER NAILING:
 HEADER TO STUD - 4-16d END NAIL
 DOUBLED HEADER - 16d @ 16" STAGGERED FACE NAIL
 REFER TO SHEET 3 FOR WALL AND ROOF SHEATHING NAILING.



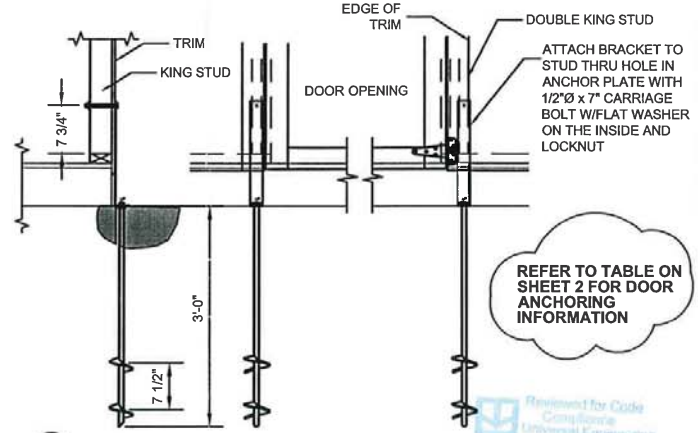
2A WINDOW HEADER DETAIL FOR LOAD BEARING WALLS
SCALE: N.T.S.



2B DOOR HEADER DETAIL FOR LOAD BEARING WALLS
SCALE: N.T.S.



3 HEADER DETAIL FOR NON-LOAD BEARING WALLS
SCALE: N.T.S.



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

REFER TO TABLE ON SHEET 2 FOR DOOR ANCHORING INFORMATION

TUFF SHED
 Storage Buildings & Garages
 TUFF SHED, MFG. FACILITIES
 512 JETTON ST
 TAMPA, FL 33619
 (877) 478-TUFF
 STORE 470

Order # _____
 Customer: _____
 Site Address: 2534 OAK ISLAND PT
 BELLE ISLE, FL
 Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA
 10X12 TR700

P.O. # _____
 Drawn By: PK
 Date: 6/11/13
 Checked By: _____
 Date: _____
 Scale: N.T.S.

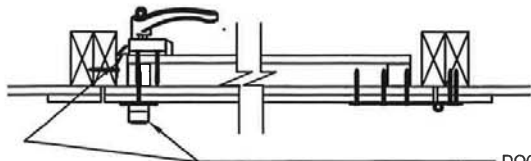
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Bob Rude Structures, Inc.
 10461 So. Mile Cypress Parkway Suite 501
 Ft. Myers, FL 33905
 Phone 239-277-7771 Fax 239-277-7768
 CA. No.: 9919 bobrudestructures.com
 BRS Job No.: 08-035-010
 TO THE BEST OF MY KNOWLEDGE AND ABILITY, THE COMPLETED STRUCTURE DEPICTED ON THESE PLANS COMPLIES WITH THE 2010 FLORIDA BUILDING CODE INCLUDING CHAPTER 16 (DESIGN LOADS)

ROBERT S. RUDE, PE FLORIDA REG. #44553
 JUN 02 2014

TITLE	BUILDING SECTIONS HEADER FRAMING DETAILS
TITLE	2010 FBC 130 D

DRAWING NO.	FL-PR-SR-TR-02
REV. LEVEL	04
SHEET	1
PAGE	1 OF 3



1A SINGLE DOOR ASSEMBLY TOP VIEW
SCALE: N.T.S.

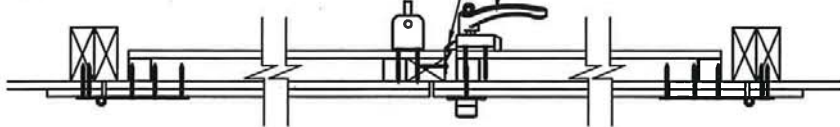
BOLT LATCH ON FIXED DOOR FOR DOUBLE DOOR

ATTACH (1) BOLT LATCH AT THE TOP AND (1) BOLT LATCH AT THE BOTTOM OF THE FIXED DOOR. ATTACH EACH BOLT LATCH ASSEMBLY WITH (4) #8 x 2-1/4" SQUARE DRIVE WOOD SCREWS.

DOOR HANDLE AND STRIKE PLATE ATTACHMENT

INSTALL DOOR HANDLE PER MANUFACTURER'S INSTRUCTIONS. USE #8 x 2-1/4" SQUARE DRIVE WOOD SCREWS.

ATTACH STRIKE PLATE WITH (3) #8 x 2" SQUARE DRIVE WOOD SCREWS.



1B DOUBLE DOOR ASSEMBLY TOP VIEW
SCALE: N.T.S.

BOLT LATCH ON FIXED DOOR FOR DOUBLE DOOR

WHEN THE FIXED DOOR IS CLOSED AND BOTH BOLT LATCHES ARE ENGAGED, THE TOP BOLT LATCH WILL REST AGAINST THE INSIDE EDGE OF THE HEADER, AND THE BOTTOM BOLT WILL REST IN A PRE-DRILLED HOLE IN THE FLOOR DECKING.

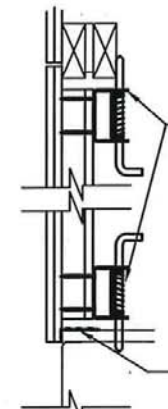
DOOR THRESHOLD

EXTERIOR DOOR SHEATHING
3/8" SMARTSIDE OR 3/8" SMARTSIDE WITH FOIL BACKER

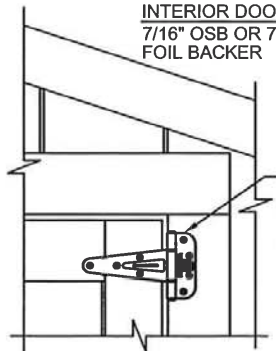
INTERIOR DOOR SHEATHING
7/16" OSB OR 7/16" OSB WITH FOIL BACKER

HINGE ATTACHMENT

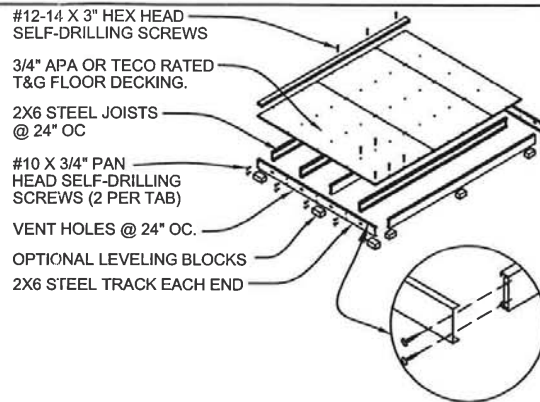
(3) TUFF SHED HINGES PER DOOR/DOOR PANEL. FILL EVERY HOLE IN HINGE WITH A #8 x 2-1/4" SQUARE DRIVE WOOD SCREW.



2 DOUBLE DOOR ASSEMBLY SIDE VIEW
SCALE: N.T.S.



3 HINGE ASSEMBLY FRONT VIEW
SCALE: N.T.S.



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

#12-14 X 3" HEX HEAD SELF-DRILLING SCREWS

3/4" APA OR TECO RATED T&G FLOOR DECKING

2X6 STEEL JOISTS @ 24" O.C.

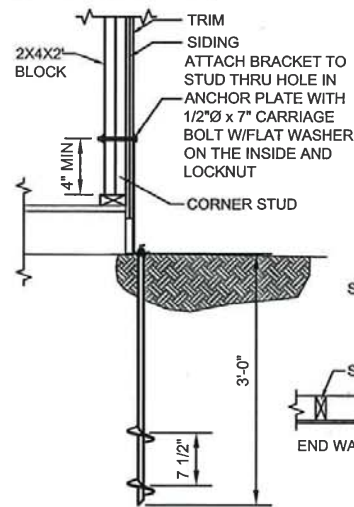
#10 X 3/4" PAN HEAD SELF-DRILLING SCREWS (2 PER TAB)

VENT HOLES @ 24" O.C.

OPTIONAL LEVELING BLOCKS

2X6 STEEL TRACK EACH END

- 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 AT 12" O.C.
- 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.



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

AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES

- PART NUMBERS:
OT3644GPMP - 5/8" X 36" (36" IMBED) GALVANIZED AUGER
CT17SWB - 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'-12"	4 ANCHORS
8"	8'-14'	4 ANCHORS
8"	16'	6 ANCHORS
10"	10'-12"	4 ANCHORS
10"	14'-20'	6 ANCHORS
12"	12'	4 ANCHORS
12"	14'-24'	6 ANCHORS

4-ANCHORS PROVIDE (1) AT EA. CORNER OF THE BUILDING.
6-ANCHORS PROVIDE (1) AT EA. CORNER OF THE BUILDING AND (1) AT MID LENGTH OF SIDEWALLS.



TUFF SHED
Storage Buildings & Garages
TUFF SHED, MFG. FACILITIES
512 JETTON ST
TAMPA, FL 33619
(877) 478-TUFF
STORE 470

Order # _____
Customer: _____
Site Address:
2534 OAK ISLAND PT
BELLE ISLE, FL
Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA
10X12 TR700

P.O. # _____
Drawn By: PK
Date: 6/11/13
Checked By: _____
Date: _____
Scale: N.T.S.

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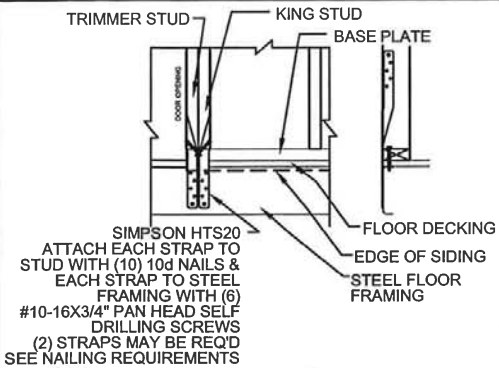
Bob Rude Structures, Inc.
10461 Six Mile Cypress Parkway Suite 501
FL Myers, FL 33666
Phone 238-277-7771 Fax 238-277-7766
C.A. No. 9810 bdr@bdrstructures.com
BRS Job No.: 08-035-01Q

TO THE BEST OF MY KNOWLEDGE AND ABILITY, THE COMPLETED STRUCTURE DEPICTED ON THESE PLANS COMPLIES WITH THE 2010 FLORIDA BUILDING CODE INCLUDING CHAPTER 16 (DESIGN LOADS)

JUN 02 2014
ROBERT S. RUDE, PE FLORIDA REG. #44553

TITLE	DRAWING NO.
DETAILS	FL-PR-SR-TR-02
2010 FBC	REV. LEVEL 04
155C	SHEET 2
	PAGE 2 OF 3

3/8 SMART SIDE NAILING REQUIREMENTS



1 DOOR OPENING STRAP DETAIL
SCALE: N.T.S.

REFER TO TABLE AT RIGHT FOR DOOR ANCHORING INFORMATION

SIDE WALL EDGE NAILING REQUIREMENTS						
MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	NAILING (NOTE 4)	MAX. COMB. OPENING (NOTE 3)	MIN TOTAL COMBINED SHEAR WALL MIN 2'-0" WALL SEGMENT	HOLD DOWN CONNECTOR TYPE
NO OPENINGS ALONG THE WALL						
	6'	6'-12'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	8'	8'-16'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	10'	10'-20'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	12'	12'-24'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
MIN 2'-0" RTN WALLS ON EACH END OF WALL						
	6'	6'-9'	6d NAILS @ 6" O.C.	UP TO 4'	5'	(1) HTS20
	6'	10'-12'	6d NAILS @ 6" O.C.	UP TO 8'	4'	(1) HTS20
	8'	8'-12'	6d NAILS @ 6" O.C.	UP TO 8'	4'	(1) HTS20
	8'	14'	6d NAILS @ 6" O.C.	UP TO 10'	4'	(1) HTS20
	8'	16'	6d NAILS @ 6" O.C.	UP TO 12'	4'	(1) HTS20
	10'	10'-12'	6d NAILS @ 6" O.C.	UP TO 8'	4'	(1) HTS20
	10'	14'-20'	6d NAILS @ 6" O.C.	UP TO 12'	8'	(1) HTS20
	12'	12'	6d NAILS @ 6" O.C.	UP TO 4'	8'	(1) HTS20
	12'	12'	6d NAILS @ 6" O.C.	5' TO 8'	4'	(2) HTS20
	12'	14'-24'	6d NAILS @ 6" O.C.	UP TO 12'	12'	(1) HTS20
ROOF SHEATHING (7/16" OSB)						
	WIDTH	LENGTH	PANEL FIELD NAILING	PANEL EDGE NAILING	ROOF PERIMETER NAILING	
	6'	6'-12'	8d NAILS @ 12" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.	
	8'	8'-16'	8d NAILS @ 12" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.	
	10'	10'-20'	8d NAILS @ 12" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.	
	12'	12'-24'	8d NAILS @ 12" O.C.	8d NAILS @ 6" O.C.	8d NAILS @ 4" O.C.	

NOTES:
1. ALL NAILS SHALL BE RING SHANK.

KWIK BOLT ANCHORS (INTO CONCRETE) RE: DETAIL 2 SHEET 3		
WIDTH	LENGTH	# OF ANCHORS
6'	6'-12'	4 KWIK BOLT TZ, 304SS, ANCHORS
8'	8'-14'	4 KWIK BOLT TZ, 304SS, ANCHORS
8'	16'	6 KWIK BOLT TZ, 304SS, ANCHORS
10'	10'-12'	4 KWIK BOLT TZ, 304SS, ANCHORS
10'	14'-20'	6 KWIK BOLT TZ, 304SS, ANCHORS
12'	12'	4 KWIK BOLT TZ, 304SS, ANCHORS
12'	14'-24'	6 KWIK BOLT TZ, 304SS, ANCHORS

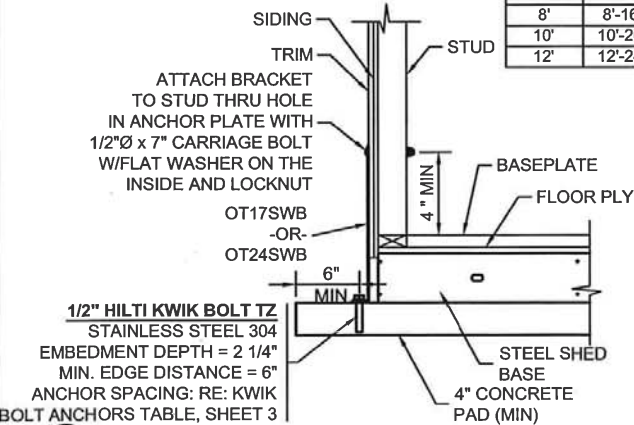
4-ANCHORS PROVIDE (1) AT EA. CORNER OF THE BUILDING.
6-ANCHORS PROVIDE (1) AT EA. CORNER OF THE BUILDING AND (1) AT MID LENGTH OF SIDEWALLS.

NOTES:
1. WHERE AUGER ANCHORS ARE REQUIRED BY NAILING TABLES, SEE DETAIL 5, SHEET 2.

END WALL EDGE NAILING REQUIREMENTS						
MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	NAILING (NOTE 4)	MAX. COMB. OPENING (NOTE 3)	MIN TOTAL COMBINED SHEAR WALL MIN 2'-0" WALL SEGMENT	HOLD DOWN CONNECTOR TYPE
NO OPENINGS ALONG THE WALL						
	6'	6'-12'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	8'	8'-16'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	10'	10'-20'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
	12'	12'-24'	6d NAILS @ 6" O.C.	N/A	N/A	N/A
MIN 2'-0" RTN WALLS ON EACH END OF WALL						
	6'	6'-9'	6d NAILS @ 6" O.C.	3'	3'	(1) HTS20
	6'	10'-12'	6d NAILS @ 6" O.C.	3'	3'	(2) HTS20
	6'	6'-9'	6d NAILS @ 4" O.C.	4'	2'	(2) HTS20
	6'	10'-12'	6d NAILS @ 4" O.C.	4'	2'	AUGER
	8'	8'-16'	6d NAILS @ 6" O.C.	4'	4'	(2) HTS20
	8'	8'-12'	6d NAILS @ 4" O.C.	6'	2'	AUGER
	8'	14'-16'	6d NAILS @ 3" O.C.	6'	2'	AUGER + (1) HTS20
	10'	10'-16'	6d NAILS @ 6" O.C.	4'	6'	(1) HTS20
	10'	18'-20'	6d NAILS @ 6" O.C.	4'	6'	(1) HTS20
	10'	10'-16'	6d NAILS @ 6" O.C.	6'	4'	(2) HTS20
	10'	18'-20'	6d NAILS @ 4" O.C.	6'	4'	(2) HTS20
	10'	10'-16'	6d NAILS @ 3" O.C.	8'	2'	AUGER + (1) HTS20
	10'	18'-20'	6d NAILS @ 4" O.C.	6'	4'	(2) HTS20
	12'	12'-24'	6d NAILS @ 6" O.C.	8'	8'	(1) HTS20
	12'	12'-18'	6d NAILS @ 6" O.C.	8'	4'	(2) HTS20
	12'	20'-24'	6d NAILS @ 4" O.C.	8'	4'	(2) HTS20

NAILING TABLE NOTES:
1. NAILING IS FOR 3/8" SMARTSIDE PANEL OR 3/8" SMARTSIDE WITH FOIL BACKER.
2. RETURN WALLS DESIGNATE MINIMUM WALL PANELS ON EACH END OF WALL.
3. NO SINGLE OPENING GREATER THAN 8'-0"
4. RING SHANK NAILS
5. 3/8" SMARTSIDE FIELD NAILING: 8d @ 8" O.C.
6. ONLY ONE HOLD DOWN CONNECTOR TYPE IS REQUIRED AT INTERSECTING ENDS OF WALLS WHICH HAVE A COMMON END POST. (USE LARGER HOLD DOWN CONNECTOR TYPE).
7. SEE DETAIL 5, SHEET 2 FOR ADDITIONAL AUGER ANCHOR LOCATIONS AND INFORMATION.
8. SEE DETAIL 2, SHEET 3 FOR ADDITIONAL ANCHOR LOCATIONS AND INFORMATION FOR USE WITH CONCRETE SLABS.
9. WHEN SHED IS PLACES OVER A 4" MINIMUM THICK CONCRETE SLAB, AUGER ANCHORS ARE ONLY REQUIRED AT LOCATIONS NOTED IN NAILING TABLES. WHERE AUGERS ARE REQUIRED, REMOVE AREA OF SLAB NECESSARY TO ALLOW INSTALLATION.

NAILING TABLE LEGEND:
HTS20 - DETAIL 1, SHEET 3
AUGER - DETAIL 5, SHEET 1



2 SIDEWALL BRACKET DETAIL
SCALE: N.T.S.

TUFF SHED
Storage Buildings & Garages
TUFF SHED, MFG. FACILITIES
512 JETTON ST
TAMPA, FL 33619
(877) 478-TUFF
STORE 470

Order #:
Customer:
Site Address:
2534 OAK ISLAND PT
BELLE ISLE, FL
Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA
10X12 TR700

P.O. #
Drawn By: PK
Date: 3/12/09
Checked By:
Date:
Scale: N.T.S.

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Bob Rude Structures, Inc.
10461 Sir Mills Cypress Parkway Suite 501
FL Myers, FL 33696
Phone 238-277-7771 Fax 238-277-7766
CA. Lic. 8910 bob@bbrstructures.com
BRS Job No.: 08-035-01G
TO THE BEST OF MY KNOWLEDGE AND ABILITY, THE COMPLETED STRUCTURE DEPICTED ON THESE PLANS COMPLIES WITH THE 2010 FLORIDA BUILDING CODE INCLUDING CHAPTER 16 (DESIGN LOADS)

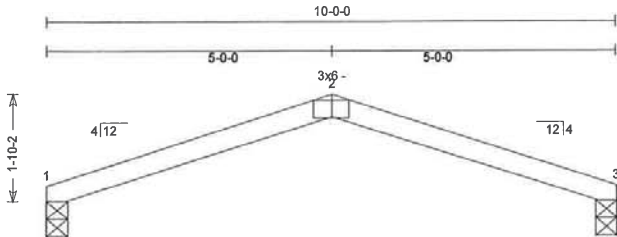
JUN 02 2014
ROBERT S. RUDE, PE FLORIDA REG. #44553

TITLE	DRAWING NO.
GENERAL NOTES	FL-PR-SR-TR-02
2010 FBC	REV. LEVEL 04
155C	SHEET 3
	PAGE 3 OF 3

OLD PLANS

Truss: 10R
 JobName: tuff
 Date: 07/05/13 10:18 AM
 Page: 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
10-0-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	24 in	23 lbs



Loading	General	CSI Summary	Deflection	L/	(loc)	Allowed
Load (psf)	Bldg Code:	FBC 2010/	Vert TL:	0.99 in	L/121	(2-3) L/120
TCLL: 20		TPI 1-2007	Vert LL:	0.66 in	L/182	(2-3) L/180
TCDL: 10	Rep Mbr Increase:	Yes	Horz TL:	0.47 in		3
	D.O.L.:	125%				

Reaction Summary

JT	Type	Brg Combo	Brg Width	Rqd Dwg	Max Resist	Max Grav Uplift	Max MWERS Uplift	Thrust
1	Fin (Wall)	1	3.5 in	1.50 in	300 lbs		-328 lbs	82 lbs
3	H Roll/SPRING (Wall)	1	3.5 in	1.50 in	300 lbs		-328 lbs	

Material Summary

TC SYP #1 2 x 4

Bracing Summary

TC Bracing: Sheathed

Loads Summary

1) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 170 mph (Factored), Exposure C, Enclosed, Gable/Hip, Risk Category I, Overall Bldg Dims 6 ft x 16 ft, h = 10 ft, Not End Zone Truss, Both end webs considered. DOL = 1.60

UNIQUE BEARING CONDITIONS MAY REQUIRE SPECIAL ATTENTION
 THE BUILDING DESIGNER MUST ACCOUNT FOR NOT ONLY THE BEARING REACTION BUT FOR THE HORIZONTAL THRUST AND THE UPLIFT. PROVIDE MECHANICAL CONNECTION (BY OTHERS) TO RESIST FORCES SHOWN. EOR SUPPLIED A WALL SPRING CONSTANT OF 0.081 K/IN

VOID

Seal Date: 3/5/2014

Truss Design Engineer:
 Robert S. Rude, PE
 Florida License #44553
 Bob Rude Structures, Inc.
 10461 Six Mile Cypress Pkwy, Suite #501
 Fort Myers, FL 33966
 C.A. No.: 8910

A copy of this design shall be furnished to the erection contractor. This design is for an individual building component (a truss). It is based on specifications provided by the truss designer and is not to be used in accordance with 771-2002 and the 2001 IBC design manual. No responsibility is assumed for the accuracy of information provided by the truss designer. It is the responsibility of the building designer to verify all information provided by the truss designer. The building designer shall verify loading, bracing, connections and panel deflection data shown to ensure that the design meets or exceeds minimum loading required by applicable building codes. Compression checks shall be verified based on the code of these standards, directly checked, unless otherwise noted. Bracing shall be provided for individual truss components only to maintain building length. It is not to be used on bearing or end building design. All dimensions are in feet and inches. Refer to 771-2002 for recommended truss loading and erection. Do not apply loads beyond weight of materials used at points not bearing in its plan. Compression of connection loads greater than the design loads shall not be applied to the truss at any time. Trusses shall be installed with care prior to erection to avoid damage. Lumber moisture content shall be 19% or less at the time of fabrication, unless otherwise indicated. Connection plates shall be manufactured by Eagle Metal Products (EEM-1982). Plates shall be applied on both faces of truss at each joint. Plate dimensions are listed within a tag. Six (6) holes in plate shall run parallel to the plate length. The plate shall be centered on joint and be placed in accordance with the erection sequence of the truss. Check all members where end-connections will be provided to ensure proper fit. The use of this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. The availability and use of this component for any particular building design is the responsibility of the building designer, per ANSI TPI-1-2002 Chapter 2.

Eagle Metal Products
 2711 1251 Freeway, Suite 100
 Dallas, Texas 75234

NOTES:

1. **BUILDING CODE:**
 2010 FLORIDA BUILDING CODE
 BUILDINGS ARE NOT FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ)

2. **DESIGN LOADING:**
 WIND SPEED (T1609.3.1): $V_{ult} = 155$ MPH
 $V_{asd} = 120$ MPH

EXPOSURE: **C**
 ROOF LIVE LOAD: 20 PSF
 ROOF DEAD LOAD: 10 PSF
 FLOOR LIVE LOAD: MIN. 50 PSF (SEE NOTE 5, DETAIL 4, SHEET 2)
 RISK CATEGORY: 1
 COMPONENT AND CLADDING: ROOF: +16/-25 PSF (ZONE 1)
 WIND PRESSURE (psf) (ASD VALUES) +16/-43 PSF (ZONE 2)
 +16/-64 PSF (ZONE 3)

(BASED ON 10 SQ FT) WALL: +27/-29 PSF (ZONE 4)
 +27/-36 PSF (ZONE 5)

INTERNAL WIND PRESSURE COEFFICIENT:
 (ENCLOSED BUILDING) +0.18
 -0.18

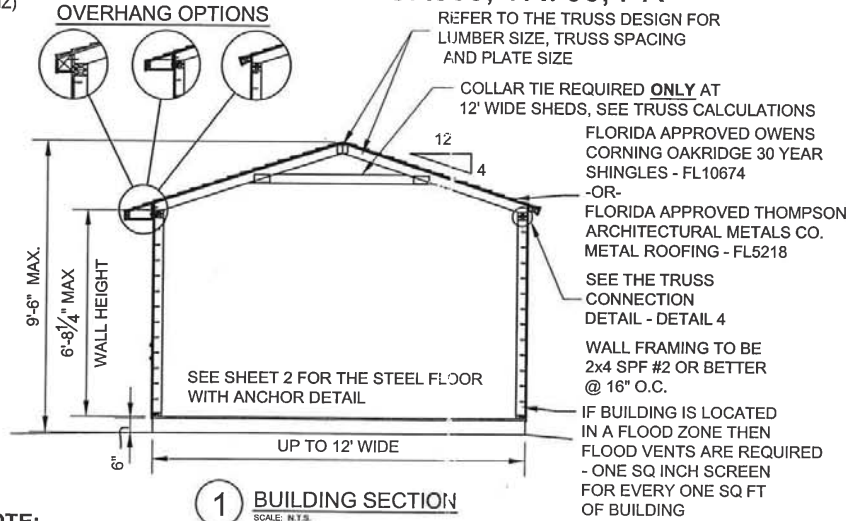
WINDOWS:
 CROFT WINDOWS FL 15585

DOORS:
 STANDARD DOOR CONSTRUCTION FOR TUFF SHED DOORS
 UP TO 47" x 80 1/4" ON SINGLE HUNG DOORS AND 96" x 80 1/4"
 ON DOUBLE DOORS EXCEED ALL LOAD REQUIREMENTS FOR
 THE ABOVE CRITERIA.
 SEE DOOR DETAILS - SHEET 2

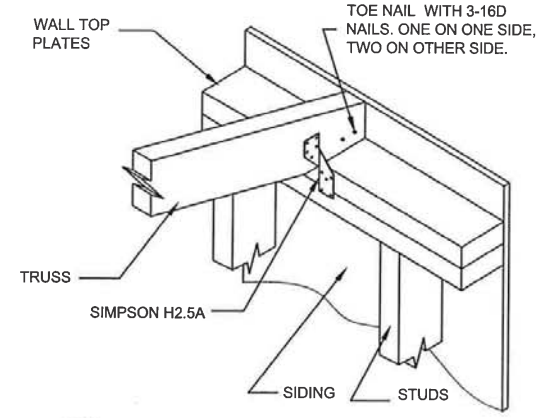
HEADER NAILING:
 HEADER TO STUD - 4-16d END NAIL
 DOUBLED HEADER - 16d @ 16" STAGGERED FACE NAIL

REFER TO SHEET 3 FOR WALL AND ROOF SHEATHING
 NAILING.

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

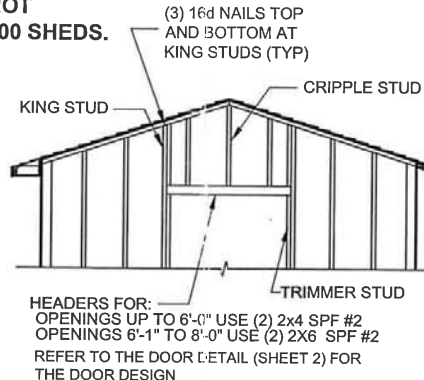


1 BUILDING SECTION
 SCALE: N.T.S.

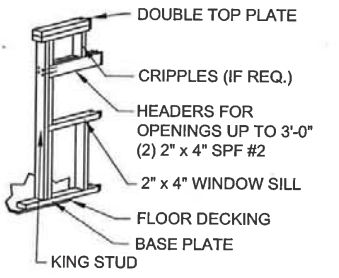


4 TRUSS TO WALL CONNECTION DETAIL
 SCALE: N.T.S.

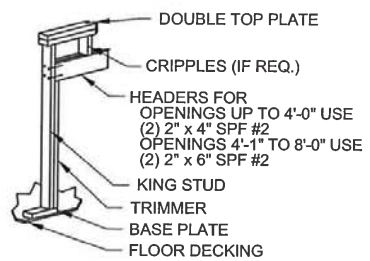
NOTE:
SIDEWALL DOORS ARE NOT AVAILABLE ON THE SR-600 SHEDS.



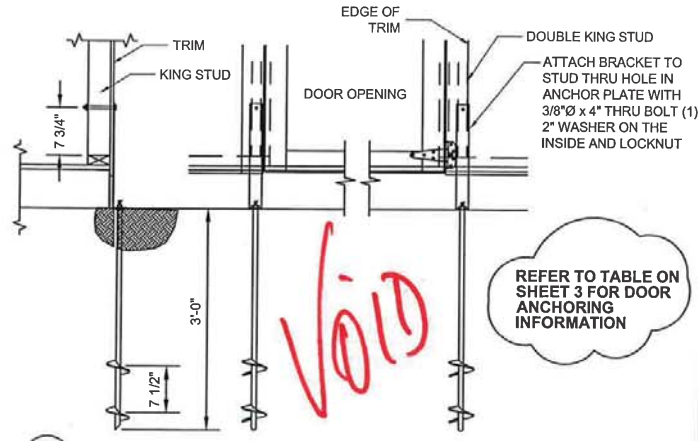
3 HEADER DETAIL FOR NON-LOAD BEARING WALLS
 SCALE: N.T.S.



2A WINDOW HEADER DETAIL FOR LOAD BEARING WALLS
 SCALE: N.T.S.



2B DOOR HEADER DETAIL FOR LOAD BEARING WALLS
 SCALE: N.T.S.



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

REFER TO TABLE ON SHEET 3 FOR DOOR ANCHORING INFORMATION

TUFF SHED
 Storage Buildings & Garages
 TUFF SHED, MFG. FACILITIES
 512 JETTON ST
 TAMPA, FL 33619
 (877) 478-TUFF
 STORE 470

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

P.O. # _____
 Drawn By: PK
 Date: 6/11/13
 Checked By: _____
 Date: _____
 Scale: N.T.S.

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Bob Rude Structures, Inc.
 3812 Evans Avenue FL Myers, FL 33901
 Phone: 239-277-7771 Fax: 239-277-7766
 C.A. No: 8910 bobrudestructures.com
 08-035.010
 TO THE BEST OF MY KNOWLEDGE AND ABILITY, THE COMPLETED STRUCTURE (DEPICTED) ON THESE PLANS COMPLIES WITH THE 2010 FLORIDA BUILDING CODE, INCLUDING CHAPTER 16 (DESIGN LOADS).

Signature
 MAR 05 2014
ROBERT S. RUDE, PE FLORIDA REG. #44553

TITLE	DRAWING NO.
BUILDING SECTIONS	FL-PR-SR-TR-02
HEADER FRAMING DETAILS	REV. LEVEL 04
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155C	PAGE 1 OF 3