



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

## PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 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." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE 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:** REROOF: 48sq, asphalt shingles  
**Comments:** None  
**Project Information**  
 Address: 3913 Quando Drive, Belle Isle, FL 32809  
 Parcel ID: 20-23-30-1646-00-780  
 Property Owner: Greenway, Mary  
 Phone Number: 407-701-7891  
 \*\*\*\*\*  
 Company Name: Universal Roofing Group, Inc.  
 Contractor Name: Mellick, Ken  
 License Number: CCC057165  
 Address: 5655 Carder Road, Orlando, FL 32810  
 Phone Number: 407-295-7403

**Permit Number: 2014-06-034**  
**Date of Application: 06/19/2014**  
**Date Permit Issued: 06/19/2014**

**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**

Cert of Occ	\$
Demo	\$
Building	\$
Fence	\$
Driveway	\$
Shed	\$
Window(s)	\$
Door(s)	\$
PrePower	\$
Electrical	\$
Temp Pole	\$
Plumbing	\$
Mechanical	\$
Gas	\$
Roofing	\$95.00
Boat Dock	\$
Screen Encl	\$
Swimming Pool	\$
Sign	\$

**SURCHARGE FEES**

Surcharge Fee	\$2.00
Surcharge Fee	\$2.00

**TOTAL FEES \$129.00**

**Date Paid** 6-20-14

**CC or Check #** 164 0045

**Amount Paid** 129.00

**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

**BUILDING**

1<sup>st</sup> \_\_\_\_\_ (Footing/Foundation)  
 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? \_\_\_\_\_

2<sup>nd</sup> \_\_\_\_\_ (Slab)

3<sup>rd</sup> \_\_\_\_\_ (Lintel)(Wall Reinforcing on Masonry Building)

4<sup>th</sup> \_\_\_\_\_ (Exterior Framing)(Roof/Wall Sheathing)

5<sup>th</sup> \_\_\_\_\_ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)

6<sup>th</sup> \_\_\_\_\_ (Insulation to be Made After Roof Installed)

7<sup>th</sup> \_\_\_\_\_ (Drywall)

8<sup>th</sup> \_\_\_\_\_ (Sidewalk/Driveway)

9<sup>th</sup> \_\_\_\_\_ (Other)

10<sup>th</sup> \_\_\_\_\_ (Final – After MEP and Other Applicable Finals)

**ROOFING**

1<sup>ST</sup> ROOFING Deck Nailing/Dry-in/Flashing \_\_\_\_\_

2<sup>nd</sup> ROOFING Covering In-Progress \_\_\_\_\_

3<sup>rd</sup> ROOFING Covering Final \_\_\_\_\_

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

1<sup>ST</sup> \_\_\_\_\_ (Underground)    2<sup>nd</sup> \_\_\_\_\_ (Sewer)

3<sup>rd</sup> \_\_\_\_\_ (Rough-In/Tub Set)    4<sup>th</sup> \_\_\_\_\_ (Final)

**CHECK APPROPRIATE BOX**

**GAS** \_\_\_ Natural \_\_\_ LP     **MECHANICAL**     **ELECTRICAL**     **LOW VOLTAGE**

1<sup>st</sup> \_\_\_\_\_ (Rough-In)    2<sup>nd</sup> \_\_\_\_\_ (Final)

Inspection requests are to be emailed to [BidScheduling@UniversalEngineering.com](mailto:BidScheduling@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.



Permit Number: \_\_\_\_\_  
Folio/Parcel Identification Number: 20-23-30-1646-00-780  
Prepared by: JOAN YMETICK

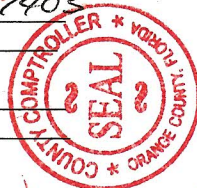


Return to: 5655 Carder Rd.  
Orl. FL 32810

**NOTICE OF COMMENCEMENT**

State of Florida, County of Orange  
The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

- Description of property** (legal description of the property, and street address if available)  
County E. 4/122 LOT 78
- General description of improvement**  
RE-ROOF 48 sq. shingles
- Owner information or Lessee information if the Lessee contracted for the improvement**  
Name Mary Greenway  
Address 3913 Orlando Dr. Belle Isle  
Interest in Property owner  
Name and address of fee simple titleholder (if different from Owner listed above)  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- Contractor**  
Name Universal Roof-Contr Telephone Number 407-295-7463  
Address 5655 Carder Rd. Orl. 32810
- Surety** (if applicable, a copy of the payment bond is attached)  
Name \_\_\_\_\_ Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_ Amount of Bond \$ \_\_\_\_\_
- Lender**  
Name \_\_\_\_\_ Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_
- Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.**  
Name \_\_\_\_\_ Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_
- In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.**  
Name \_\_\_\_\_ Telephone Number \_\_\_\_\_  
Address \_\_\_\_\_
- Expiration date of notice of commencement** (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) \_\_\_\_\_



State of Florida, County of Orange  
I hereby certify that this is a true copy of the document as reflected in the Official Records.  
MARTHA O. HAYNIE, COUNTY COMPTROLLER  
By: [Signature] Deputy Comptroller  
Dated: \_\_\_\_\_

**WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.**

**Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.**

Mary Greenway  
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager  
Signatory's Title/Office \_\_\_\_\_

The foregoing instrument was acknowledged before me this 28 day of 5/14 by Mary Greenway  
as \_\_\_\_\_ for \_\_\_\_\_  
Type of authority, e.g., officer, trustee, attorney in fact  
Name of party on behalf of whom instrument was executed

[Signature]  
Signature of Notary Public - State of Florida



Personally Known \_\_\_\_\_ OR Produced ID X  
Type of ID Produced Florida Divulgence





## City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
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### Product Approval Form

DATE: 6-19-14 PERMIT # \_\_\_\_\_

PROJECT ADDRESS 3913 Duando Dr., Belle Isle, FL  32809  32812

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at [www.floridabuilding.org](http://www.floridabuilding.org) or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped
3. Manufacturer's installation details from FloridaBuilding.org and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
<b>EXTERIOR DOORS</b>				<b>WALL PANELS</b>			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/Dbf-Hung				Asphalt Shingles	CertainTeed	LandMark	\$1444.00
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Other			
Skylights							
Other							
<b>STRUCTURAL COMPONENTS</b>				<b>OTHER</b>			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature *[Signature]*

Date 6-19-14



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Business Professional



**Product Approval**  
USER: Public User

License efficiently. Regulate fairly.

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**Application Detail**

FL #	FL5444-R4								
Application Type	Revision								
Code Version	2010								
Application Status	Approved								
Comments									
Archived									
Product Manufacturer	CertainTeed Corporation-Roofing								
Address/Phone/Email	PO Box 1100 1400 Union Meeting Rd Blue Bell, PA 19422 (215) 274-2350 Steven.T.Lawrey@saint-gobain.com								
Authorized Signature	Steven Lawrey Steven.T.Lawrey@saint-gobain.com								
Technical Representative	R. Allan Snyder								
Address/Phone/Email	PO Box 1100 1400 Union Meeting Road Blue Bell, PA 19422 Allan.R.Snyder@saint-gobain.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Roofing								
Subcategory	Asphalt Shingles								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensee Florida Professional Engineer Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen								
Florida License	PE-59166								
Quality Assurance Entity	Underwriters Laboratories Inc.								
Quality Assurance Contract Expiration Date	06/09/2013								
Validated By	John W. Knezevich, PE Validation Checklist - Hardcopy Received								
Certificate of Independence	<a href="#">FL5444_R4_COI_Trinity_ERD CI - Nieminen.pdf</a>								
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 12/14/2011

Date Validated 12/14/2011

Date Pending FBC Approval 12/21/2011

Date Approved 01/31/2012

**Summary of Products**

FL #	Model, Number or Name	Description
5444.1	CertainTeed Asphalt Roofing Shingles	3-tab, laminated, architectural and 4-tab asphalt roof shingles
<b>Limits of Use</b> <b>Approved for use in HVHZ: No</b> <b>Approved for use outside HVHZ: Yes</b> <b>Impact Resistant: N/A</b> <b>Design Pressure: N/A</b> <b>Other: Refer to ER Section 5 for Limits of Use</b>		<b>Installation Instructions</b> FL5444_R4_II_er120611FINAL_CERTAINTTEED_Aspphalt Shingle_FL5444-R4.pdf Verified By: Robert Nieminen, PE PE-59166 Created by Independent Third Party: Yes <b>Evaluation Reports</b> FL5444_R4_AE_er120611FINAL_CERTAINTTEED_Aspphalt Shingle_FL5444-R4.pdf Created by Independent Third Party: Yes

Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) Phone: 850-487-1824

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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.48

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

**Product Approval Accepts:**





TRINITY ERD

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**

**CertainTeed Corporation**  
**1400 Union Meeting Road**  
**Blue Bell, PA 19422**

**Evaluation Report 3532.09.05-R4**  
**FL5444-R4**  
**Date of Issuance: 09/22/2005**  
**Revision 4: 12/06/2011**

**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 Florida Building Code.

**DESCRIPTION: CertainTeed Asphalt Roofing Shingles.**

**LABELING:** Each unit shall bear labeling in accordance with the requirements of 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.

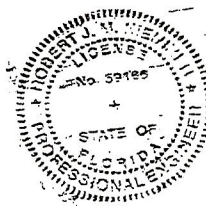
**INSPECTION:** Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 10.

**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 12/06/2011. 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.

**6. INSTALLATION:**

- 6.1 Roof deck, slope, underlayment and fasteners shall comply with FBC 1507.2 / R905.2 and the shingle manufacturer's minimum requirements.
- 6.1.1 Underlayment shall be acceptable to CertainTeed Corporation 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 Installation of asphalt shingles shall comply with the manufacturer's current published instructions, using minimum four (4) nails per shingle in accordance with FBC 1507.2.7 or Section R905.2.6 and the minimum requirements herein.
- 6.2.1 Fasteners shall be in accordance with manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.2.2 Where the roof slope exceeds 21 units vertical in 12 units horizontal, use the "Steep Slope" directions.
- 6.3 CertainTeed asphalt shingles are acceptable for use in reroof (tear-off) or recover applications, subject to the limitations set forth in FBC Section 1510 and CertainTeed published installation instructions.
- 6.3.1 **CT20™, XT™ 25, and XT™ 30:**

**LOW AND STANDARD SLOPE**

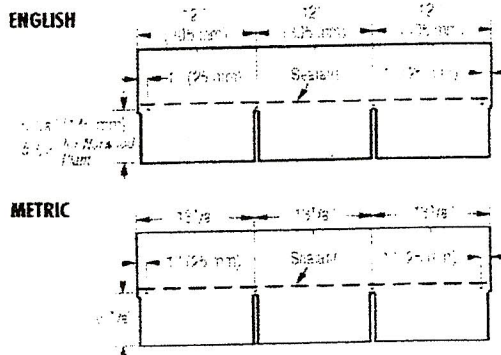


Figure 11-3: Use **four** nails for every full shingle.

**STEEP SLOPE**

Use **four** nails and six spots of asphalt roofing cement\* for every full shingle (Figure 11-4). Asphalt roofing cement meeting ASTM D-586 Type II is suggested.

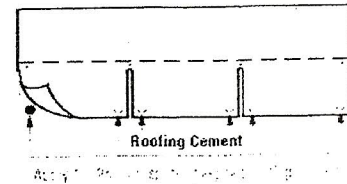


Figure 11-4: Use **four** nails and six spots of asphalt cement on steep slopes

\*CAUTION: Excessive use of roofing cement can cause shingles to blister.

**6.3.1.1 Hip & Ridge: Cut Shingles**

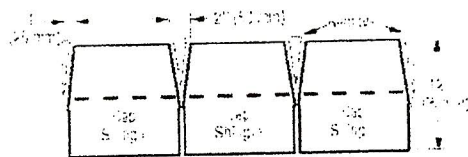


Figure 11-24: Cut tabs, then trim back to make cap shingles (English dimensions shown).

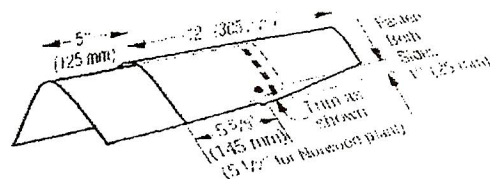


Figure 11-25: Installation of caps along the hips and ridges.

Note: For ASTM D3161 - Class F, use BASF Sonolastic NP 1 adhesive or Henkel PL® Polyurethane Roof & Flashing Sealant, in accordance with manufacturer's instructions.