



City of Belle Isle Job Site Permit Card

ROOF 2021-04-065

Class: Residential

Site Address: 4202 Playa Ct - Belle Isle, FL 32812

Parcel Number: 20-23-30-1646-00-290 . Municipality Belle Isle

INSPECTIONS CANNOT BE SCHEDULED IF A NOC IS PENDING FOR THIS PROJECT

Description of Work: ROOF for SFR

Number of Stories: 1

ASPHALT SHINGLES with underlayment Square Footage: 3500.

MODIFIED BITUMEN Square Footage: 1000.

Issued: Janney Construction Services LLC - Janney, John

License # CCC1329728

Contact # 321 385 7663

Payment/ Issued Date & Method: 4 / 13 / 2021

Picked up by _____ Sent by mail to the mailing address Emailed

Visa Master Card Amex Discover Check / Money Order#

91171

Inspection requests & inquiries regarding results are to be emailed to: BI DScheduling@UniversalEngineering.com

ROOF	INSPECTOR	DATE	COMMENTS
NEW ROOFS ONLY Code 700 Deck Nailing, Dry-In, Flashing			This inspection only applies for a NEW roof only!
Both new & re-roof Code 710 In - Progress			Underlayment & Dry-in COMPLETE with UP TO 25% shingle coverage.
Both new & re-roof Code 720 Final			Schedule when roof is COMPLETE.

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

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

- **Project Address**
- **Corresponding Permit Number**
- **Type of Inspection** (Please reference your permit card for inspection codes)
- **Date of Inspection** (If no date is specified, the inspection will be scheduled for the next business day)
- **Contact Name**
- **Contact Phone Number**
- **Gate / Entry code** (If applicable)
- **AM, PM, or Any Time** (We do our best to accommodate time requests but cannot guarantee an exact arrival)

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

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



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

RECEIVED
 APR 12 2021

APPLICATION FOR ROOFING PERMIT

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 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.

DATE OF APPLICATION: _____

ROOF PERMIT NUMBER 2021-04-065

PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 4202 Playa Court, Belle Isle, FL 32809^X 32812

Property Owner Veral Neuschaefer Phone 407-242-1175

Property Owner's Mailing Address 4202 Playa Court City Belle Isle

State FL Zip Code 32812 Parcel Id Number: 20-23-30-1646-00-290

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

Class of Building: Old New Type of Building: Residential Commercial Other
 Type of Work: New Roof ReRoof

REQUIRED! Florida Product Approval Form – NOTE: Installation instructions must be posted on-site before your first inspection!!

Please indicate the nature of work by completing the information below:

Roof Square Footage: 4500 Number of Stories: 1 Job Valuation: \$ 13,500

Type: Asphalt Shingles Metal Modified Bitumen Other: Shingles 3500, Modified Bitumen 1000

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances. By signing below, I recognize 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.

LICENSE HOLDER SIGNATURE [Signature] LICENSE # CCC1329428

LICENSE HOLDER NAME John C. Janney COMPANY NAME Janney Construction Services

Street Address 640 N Semoran Blvd.

City Orlando State FL Zip Code 32807 Phone Number 321-385-7663

Email Address inspections@janneyroofing.com

Zoning Fee	\$ <u>30.-</u>
Building Fee	\$ <u>90.-</u>
Review Fee	\$ <u>0</u>
1% BCAIB Fee	\$ <u>2 mm</u>
15% DCA Fee	\$ <u>2 mm</u>
Total Permit Fee	\$ <u>124.00</u>

Building Official: OTC Date 4.13.21
 Verified Contractor's Licenses & Insurance are on file [Signature] Date 4.13.2021

NOCV

NOTE: The Building Permit Number is required if the Roof Installation is associated with any construction or alteration where a Building Permit has been issued.

154
13X5
25
65
90

Building Permit Number APR 9/17/21
PAID
4-13-2021

Permit Number: 2021-04-065
 Folio/Parcel ID #: 20-23-30-1646-00-790
 Prepared by: NOK Construction
2760 Taylor Ave Ste. A-27
Orlando FL 32806
 Return to: Janney Construction Services
640 N. Semoran Blvd Orlando FL 32807

DOC # 20210206512
 04/08/2021 11:41 AM Page 1 of 1
 Rec Fee: \$10.00
 Deed Doc Tax: \$0.00
 Mortgage Doc Tax: \$0.00
 Intangible Tax: \$0.00
 Phil Diamond, Comptroller
 Orange County, FL
 Ret To: SIMPLIFILE LC

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.

1. **Description of property** (legal description of the property, and street address if available)
CONWAY EAST 4/122 LOT 29 4202 Playa Ct Belle Isle FL 32812
2. **General description of improvement**
Re-Roof
3. **Owner Information or Lessee information if the Lessee contracted for the improvement**
 Name Verol Neuschaefer
 Address 4202 Playa Ct Belle Isle, FL 32812
 Interest in Property Owner
 Name and address of fee simple titleholder (if different from Owner listed above)
 Name N/A
 Address _____
4. **Contractor**
 Name Janney Construction Services Telephone Number 321 585 7663
 Address 640 N Semoran Blvd Orlando FL 32807
5. **Surety** (if applicable, a copy of the payment bond is attached)
 Name N/A Telephone Number _____
 Address _____ Amount of Bond \$ _____
6. **Lender**
 Name N/A Telephone Number _____
 Address _____
7. **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 N/A Telephone Number _____
 Address _____
8. **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 N/A Telephone Number _____
 Address _____
9. **Expiration date of notice of commencement** (the expiration date will be 1 year from the date of recording unless a different date is specified) _____

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.

x Verol Neuschaefer
 Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager _____
 Owner _____
 Signatory's Title/Office _____

The foregoing instrument was acknowledged before me this 31 day of 3 2021 by Verol Neuschaefer
 as _____ for _____
 Owner _____ name of person
 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 _____
 Type of ID Produced _____

State of FLORIDA, County of ORANGE
 Per §668.50, F.S., which defines and permits electronic signatures, I certify that this is a true copy of the document as reflected in the Official Records.
PHIL DIAMOND, COUNTY COMPTROLLER
 Peggy Garbush 04/08/2021
 Deputy Comptroller _____ Date





CITY OF BELLE ISLE, FLORIDA

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

POWER OF ATTORNEY

Date: 4/7/21

Permit #: 2021-04-065

I hereby name and appoint Jon-Erik Perez of
(print name)

Janney Construction Services to be my lawful attorney-in-fact to act for
(company name)

me and apply to the City of Belle Isle Building Department for a roof permit
(type of permit)

for work to be performed at the following location:

4202 Playa Court, Belle Isle, FL 32809 32812 and
(street address)

to sign my name and do all things necessary to this appointment.

Certified Contractor's Printed Name: John C. Janney

License Number: CCC1329428

Certified Contractor's Signature: [Handwritten Signature]

The foregoing instrument was acknowledged before me this 8 days of April of 2021
by John C. Janney who is personally known to me or who produced
as identification and who did not take an oath.

State of Florida
County of Orange
[Handwritten Signature]
Notary Public, Orange County, Florida





**UNIVERSAL
ENGINEERING SCIENCES**
 Consultants in: Geotechnical Engineering • Environmental Sciences
 Geophysical Services • Materials Testing • Threshold Inspection
 Building Code Administration, Compliance Inspection & Plan Review

Residential Re-Roof Inspection Affidavit

3532 Maggie Blvd, Orlando, FL 32811 - P: 407.423.0504 - F: 407.423.3106

Permit #: 2021-04-065

I, John C. Janney hereby acknowledge that I personally inspected
 Roof deck nailing and/or Secondary water barrier work

at 4202 Playa Court
 (Job Site Address)

and have determined that the work was done according to the Florida Building Code, Existing Building section 611.

I certify that my statements herein are true and accurate to the best of my belief and that I fully understand that making any false statements in writing with the intent to mislead a public servant in the performance of his or her official duty shall constitute a misdemeanor of the second degree pursuant to Section 837.06 F.S.

John C. Janney
 Signature of Contractor

4/8/21
 Date

John C. Janney
 Printed Name of Contractor

CCC1329428
 License #

License Type: General Building Residential Roofing Contractor
 or any individual certified in accordance with F.S. 468 to make such an inspection.

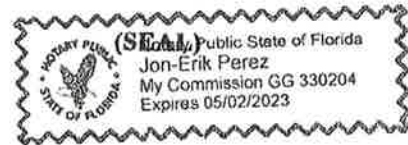
STATE OF FLORIDA

COUNTY OF Orange

Sworn to (or affirmed) and subscribed before me this 8 day of April, 2021.

by John C. Janney, who is Personally Known to me or has Produced
 (type of identification) _____ as identification.

Jon-Erik Perez
 Signature of Notary Public
 State of Florida



Print/Type/Stamp Name
 of Notary Public



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

Product Approval Form

DATE: _____

PERMIT # 2021-04-065

PROJECT ADDRESS 4202 Playa Court, 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 or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

• **NOTE: The installation instructions must be posted on-site before your first inspection!!**

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbf Hung				Asphalt Shingles	Owens Corning		10674.1
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Underlayment	Owens Corning		15216.1
Skylights	Kennedy		15592.5	Other	Certaainted		2533.1
Other							
STRUCTURAL COMPONENTS				OTHER			
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 

Date 4/8/21



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Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #	FL15216-R8												
Application Type	Revision												
Code Version	2020												
Application Status	Approved												
Comments													
Archived	<input type="checkbox"/>												
Product Manufacturer	Owens Corning Roofing and Asphalt, LLC												
Address/Phone/Email	One Owens Corning Parkway Toledo, OH 43645 (740) 321-6345 Greg.Keeler@owenscorning.com												
Authorized Signature	Keeler Greg Greg.Keeler@owenscorning.com												
Technical Representative	Greg Keeler												
Address/Phone/Email	2790 Columbus Road Granville, OH 43023 (740) 321-6345 greg.keeler@owenscorning.com												
Quality Assurance Representative													
Address/Phone/Email													
Category	Roofing												
Subcategory	Underlayments												
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received												
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen												
Florida License	PE-59166												
Quality Assurance Entity	Intertek Testing Services NA, Inc. - QA Entity												
Quality Assurance Contract Expiration Date	12/31/2023												
Validated By	John W. Knezevich, PE <input type="checkbox"/> Validation Checklist - Hardcopy Received												
Certificate of Independence	FL15216_R8_COI_2020_01_COI_NIEMINEN.pdf												
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D226 (physicals)</td> <td>2009</td> </tr> <tr> <td>ASTM D4533 (tear strength)</td> <td>2015</td> </tr> <tr> <td>ASTM D4798 (weathering)</td> <td>2011</td> </tr> <tr> <td>ASTM D4869 (liquid transmission)</td> <td>2016</td> </tr> <tr> <td>ASTM D5035 (tensile strength)</td> <td>2011</td> </tr> </tbody> </table>	Standard	Year	ASTM D226 (physicals)	2009	ASTM D4533 (tear strength)	2015	ASTM D4798 (weathering)	2011	ASTM D4869 (liquid transmission)	2016	ASTM D5035 (tensile strength)	2011
Standard	Year												
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ASTM D4798 (weathering)	2011												
ASTM D4869 (liquid transmission)	2016												
ASTM D5035 (tensile strength)	2011												
Equivalence of Product Standards Certified By													
Sections from the Code													

Product Approval Method Method 1 Option D

Date Submitted 12/16/2020

Date Validated 12/17/2020

Date Pending FBC Approval 12/26/2020

Date Approved 02/09/2021

Summary of Products

FL #	Model, Number or Name	Description
15216.1	RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments	Synthetic roof underlayments
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See ER Section 5 for Limits of Use.		Installation Instructions FL15216 R8 II 2020 12 15 FINAL ER OWENS CORNING RHINOROOFL15216-R8.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL15216 R8 AE 2020 12 15 FINAL ER OWENS CORNING RHINOROOFL15216-R8.pdf Created by Independent Third Party: Yes

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Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Safe





NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

EVALUATE

TEST

CONSULT

EVALUATION REPORT

Owens Corning Roofing and Asphalt, LLC
One Owens Corning Parkway
Toledo, OH 43659
(740) 321-6345

Evaluation Report I40510.02.12-R9
FL15216-R8
Date of Issuance: 02/17/2012
Revision 9: 12/15/2020

SCOPE:

This Evaluation Report is issued under **Rule 61G20-3** 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. The products described herein have been evaluated for compliance with the **7th Edition (2020) Florida Building Code** sections noted herein.

DESCRIPTION: RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and FBC 1507.1.1.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our Evaluation Reports by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its Evaluation Report relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO|etc. 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 4.

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 12/15/2020. This does not serve as an electronically signed document.

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC 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. NEMO ETC, LLC 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.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.



ROOFING COMPONENT EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Underlayment

Compliance Statement: RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments, as produced by Owens Corning Roofing and Asphalt, LLC, have demonstrated compliance with the following sections of the 7th Edition (2020) Florida Building Code through testing in accordance with applicable sections of the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

Section	Properties	Standard	Year
1507.1.1.1(2&3, Exception), 1507.1.1.1(5) / R905.1.1.1(2&3, Exception), R905.1.1.1(5)	Tear strength	ASTM D4533	2015
1507.1.1.1(2&3, Exception), 1507.1.1.1(5) / R905.1.1.1(2&3, Exception), R905.1.1.1(5)	Tensile strength	ASTM D5035	2011
1507.1.1.1(5) / R905.1.1.1(5)	Liquid water transmission	ASTM D4869	2016
1518.4, RAS 115	Unrolling, Breaking Strength, Pliability	ASTM D226	2009
TAS 110	Accelerated Weathering	ASTM D4798	2011

3. REFERENCES:

Entity	Examination	Reference	Date
ITS (TST1509)	ASTM D226	100539395COQ-006	10/26/2011
ITS (TST1509)	ASTM D4869	100539395COQ-002	10/26/2011
PRI (TST5878)	ASTM D226 / D4798 / D4869	OCF-394-02-07.4	01/06/2020
PRI (TST5878)	ASTM D226 / D4798	OCF-464-02-02.2	01/06/2020
PRI (TST5878)	ASTM D4533 / D5035 / D4798	1378T0109	10/15/2020
PRI (TST5878)	ASTM D4533 / D5035	1378T0127	10/15/2020
ITS (QUA1673)	Quality Control	Service Confirmation	12/09/2020
ITS (QUA1673)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

	Product	Specification	Plant(s)	Description
4.1	RhinoRoof U20	1507.1.1.1(2&3, Exception), 1507.1.1.1(5) / R905.1.1.1(2&3, Exception), R905.1.1.1(5)	Qingdao, China	Multilayered polymer woven coated synthetic roof underlayment
4.2	ABC Pro Guard 20	1507.1.1.1(2&3, Exception), 1507.1.1.1(5) / R905.1.1.1(2&3, Exception), R905.1.1.1(5)	Silvassa, India	Multilayered polymer woven coated synthetic roof underlayment
4.3	SRS TopShield TS20	1507.1.1.1(2&3, Exception), 1507.1.1.1(5) / R905.1.1.1(2&3, Exception), R905.1.1.1(5)	Silvassa, India	Multilayered polymer woven coated synthetic roof underlayment



5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.3 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC 1505** or **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.4 **RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments** may be used with any prepared roof cover where the product is specifically referenced within FBC approval documents. If not listed, a request may be made to the Authority Having Jurisdiction for approval based on this evaluation combined with supporting data for the prepared roof covering.
- 5.5 Allowable roof covers:

TABLE 1: ROOF COVER OPTIONS					
FBC NON-HVHZ:	1507.2	1507.3	1507.4 & 1507.5	1507.7	1507.8 & 1507.9
FBC HVHZ:	TAS 110(S10), RAS 115	TAS 110(S11), RAS 118, 119 & 120	RAS 133	TAS 110(S11)	RAS 130
Underlayment	Asphalt Shingles	Clay and Concrete Tile	Metal	Slate or Slate-Type Shingles	Wood
RhinoRoof U20	Yes	No	Yes	No	NON-HVHZ: No HVHZ: Yes
ABC Pro Guard 20	Yes	No	Yes	No	NON-HVHZ: No HVHZ: Yes
SRS TopShield TS20	Yes	No	Yes	No	NON-HVHZ: No HVHZ: Yes

5.6 Exposure Limitations:

TABLE 2: EXPOSURE LIMITATIONS	
Underlayment	Maximum Exposure (days)
RhinoRoof U20	60
ABC Pro Guard 20	30
SRS TopShield TS20	30



6. INSTALLATION:

- 6.1 **RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments** shall be installed in accordance with the manufacturer’s published installation instructions subject to the Limitations set forth in Section 5 herein and the specifics noted below.
- 6.2 Re-fasten any loose decking panels, and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application.

6.3 RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments:

6.3.1 NON-HVHZ Jurisdictions:

6.3.1.1 Shall be installed in compliance with requirements for a synthetic underlayment in **FBC 1507.1.1.1(2, Exception), 1507.1.1.1(3, Exception) or 1507.1.1.1(5)** or **FBC Residential R905.1.1.1(2, Exception), R905.1.1.1(3, Exception) or R905.1.1.1(5)** for the type of prepared roof covering to be installed, and the manufacturer’s installation instructions. FBC requirements take precedence over the manufacturer’s installation instructions.

6.3.1.2 **Fasteners:**
Minimum fasteners shall be corrosion resistant, ring-shank cap nails shall be as set forth in **FBC 1507.1.1.1 or 1507.1.1.3 or FBC Residential R905.1.1.1 or R905.1.1.3.**

6.3.2 HVHZ Jurisdictions:

6.3.2.1 Shall be installed in a shingle fashion with minimum 4-inch wide side (horizontal) laps and minimum 6-inch wide end laps, and fastened in accordance with FBC HVHZ 1518.2.

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to Section 4 herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

Intertek Testing Services NA Inc. – QUA1673; (312) 906-7779; maura.norlander@intertek.com

- END OF EVALUATION REPORT -

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Business & Professional Regulation



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FL #	FL10674-R16										
Application Type	Revision										
Code Version	2020										
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 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	PRI Construction Materials Technologies, LLC										
Quality Assurance Contract Expiration Date	01/01/2099										
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received										
Certificate of Independence	FL10674_R16_COI_2020_01_COI_NIEMINEN.pdf										
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D1970</td> <td>2015</td> </tr> <tr> <td>ASTM D3161</td> <td>2016</td> </tr> <tr> <td>ASTM D3462</td> <td>2010</td> </tr> <tr> <td>ASTM D7158</td> <td>2019</td> </tr> </tbody> </table>	Standard	Year	ASTM D1970	2015	ASTM D3161	2016	ASTM D3462	2010	ASTM D7158	2019
Standard	Year										
ASTM D1970	2015										
ASTM D3161	2016										
ASTM D3462	2010										
ASTM D7158	2019										
Equivalence of Product Standards Certified By											
Sections from the Code											

Product Approval Method	Method 1 Option D
Date Submitted	12/11/2020
Date Validated	12/17/2020
Date Pending FBC Approval	12/26/2020
Date Approved	02/09/2021

Summary of Products

FL #	Model, Number or Name	Description
10674.1	Owens Corning Asphalt Roofing Shingles and Starters	3-tab, 4-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 R16 II 2020 12 11 FINAL ER OC ASPHALT SHINGLES FL10674-R16.pdf Verified By: Robert J. M. Nieminen PE - 59166 Created by Independent Third Party: Yes Evaluation Reports FL10674 R16 AE 2020 12 11 FINAL ER OC ASPHALT SHINGLES FL10674-R16.pdf Created by Independent Third Party: Yes

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Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:

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SECURITYMETRICS



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Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

EVALUATE

TEST

CONSULT

EVALUATION REPORT

Owens Corning
One Owens Corning Parkway
Toledo, OH 43659
(740) 404-7829

Evaluation Report O37940.02.12-R11
FL10674-R16
Date of Issuance: 02/06/2012
Revision 11: 12/11/2020

SCOPE:

This Evaluation Report is issued under **Rule 61G20-3** 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. The product described herein has been evaluated for compliance with the **7th Edition (2020) Florida Building Code** sections noted herein.

DESCRIPTION: Owens Corning Asphalt Roof Shingles

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and **FBC 1507.2.7.1 / R905.2.6.1**

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our Evaluation Reports by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its Evaluation Report relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO|etc. 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 12/11/2020. This does not serve as an electronically signed document.

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC 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. NEMO ETC, LLC 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.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.



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 7th Edition (2020) Florida Building Code 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:

Section	Property	Standard	Year
1507.2.4, R905.2.3	Physical Properties	ASTM D1970	2015
1507.2.5, R905.2.4	Material standard	ASTM D3462	2010
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D3161	2016
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D7158	2019

3. REFERENCES:

Entity	Examination	Reference	Date
Owens Corning	Declaration	Equivalency Declaration	08/06/2019
PRI (TST5878)	ASTM D1970	OCF-382-02-01	10/24/2017
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
UL LLC (TST9628)	Physical Properties	Classification letter	10/02/2015
PRI (QUA9110)	Quality Control	Service Confirmation	04/05/2020
PRI (QUA9110)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

TABLE 1: ASPHALT SHINGLE COMPONENTS				
Type	Product	Plant(s)	Material Standard	Description
Accessory Starter Strips	Starter Strip Shingle	H-TX, OR	ASTM D3462	starter strips for asphalt roof shingles
	Starter Strip Plus	MN, OR		
	SRS TopShield Starter	MN, OR		
	Starter Shingle Roll	NH	ASTM D1970	mineral-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen starter
Asphalt Shingles	Supreme [®]	GA, CA, CO, I-TX, NJ, OH, TN, OR, IL	ASTM D3462	fiberglass reinforced 3-tab asphalt roof shingles
	Berkshire [®]	MN	ASTM D3462	fiberglass reinforced, 4-tab asphalt roof shingles
	Duration [®] Premium	CA, OR	ASTM D3462	fiberglass reinforced, laminated asphalt roof shingles
	Duration [®] Premium COOL	CA		
	TruDefinition [®] Duration [®]	IN, CA, CO, I-TX, FL, NJ, OH, MN, OR, GA, IL, TN		
	TruDefinition [®] Duration [®]			
	Designer Color Collection			
	Oakridge [®]	GA, IN, CA, CO, H-TX, I-TX, FL, NJ OH, TN		
TruDefinition [®] Oakridge [®]	H-TX, I-TX			
WeatherGuard [®] HP	TN			



TABLE 1: ASPHALT SHINGLE COMPONENTS				
Type	Product	Plant(s)	Material Standard	Description
Hip and Ridge Shingles	Berkshire® Hip and Ridge Shingles with Sealant	MN	ASTM D3462	fiberglass reinforced, hip and ridge asphalt roof shingles
	DuraRidge® Hip and Ridge Shingles with Sealant	MN		
	ProEdge®	GA, CA, OH, OR		
	WeatherGuard® HP Hip and Ridge Shingles	TN		

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in FBC High Velocity Hurricane Zone jurisdictions (i.e., Broward and Miami-Dade Counties).
- 5.3 This Evaluation Report pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

5.5 Wind Classification: Refer to Section 6 for installation requirements to meet wind classifications

TABLE 2A: WIND CLASSIFICATIONS, ASPHALT SHINGLES	
Product	FBC Table 1507.2.7.1 or R905.2.6.1
Supreme®	ASTM D3161(F) & ASTM D7158(H)
Berkshire®	
Duration® Premium	
Duration® Premium COOL	
TruDefinition® Duration®	
TruDefinition® Duration® Designer Color Collection	
Oakridge®	
TruDefinition® Oakridge®	
WeatherGuard® HP	

- 5.5.1 **Classification by ASTM D7158:**
 ASTM D7158, Class H applies only 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.



TABLE 2B: WIND CLASSIFICATIONS, STARTER STRIPS AND HIP & RIDGE		
Type	Product	FBC Table 1507.2.7.1 or R905.2.6.1
Starter Strips	Starter Strip Shingle	ASTM D3161, Class F
	Starter Strip Plus	
	SRS TopShield Starter	
Hip & Ridge Shingles	Berkshire® Hip and Ridge Shingles with Sealant	ASTM D3161, Class F
	DuraRidge® Hip and Ridge Shingles with Sealant	
	ProEdge®	
	WeatherGuard® HP Hip and Ridge Shingles	

- 5.5.2 Refer to Owens Corning published information on wind resistance and installation limitations.
- 5.6 All components in the roof assembly shall have quality assurance audit in accordance with F.A.C. Rule 61G20-3. Refer to the Product Approval of the component manufacturer for components that are produced by a Product Manufacturer other than the report holder on Page 1 of this Evaluation Report.

6. INSTALLATION:

6.1 GENERAL:

- 6.1.1 Roof deck, slope, underlayment and fasteners shall comply with FBC 1507.2 / R905.2 and the shingle manufacturer’s minimum requirements.
- 6.1.2 Underlayment shall be acceptable to the shingle manufacturer and shall hold current Florida Statewide Product Approval, or be Locally Approved per Rule 61G20-3, per FBC Sections 1507.2.3, 1507.2.4 or R905.2.3.
- 6.1.3 Fasteners shall be in accordance with the shingle manufacturer’s published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.1.4 Owens Corning asphalt shingles are acceptable for use in reroof (tear-off) or recover applications, subject to the limitations set forth in FBC Section 1511 or R908 and published installation instructions.

6.2 ACCESSORY STARTERS:

- 6.2.1 Installation of **Starter Strip Shingle, Starter Strip Plus and SRS TopShield Starter** shall comply with the Owens Corning current published instructions, using minimum five (5) nails per strip.

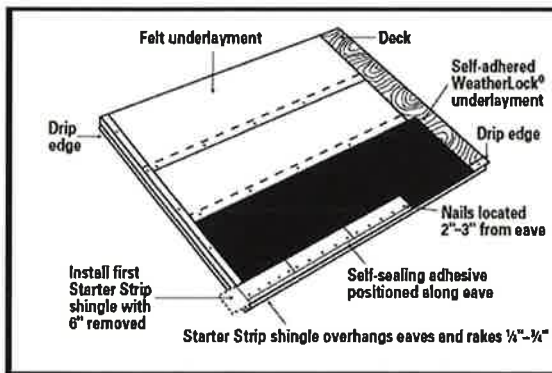


Figure 1: Minimum Nailing, Starter Strip

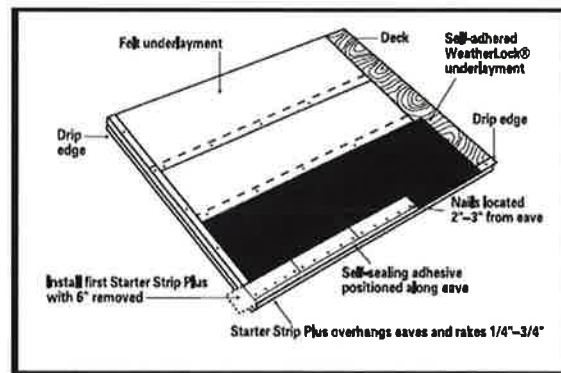


Figure 2: Minimum Nailing, Starter Strip Plus

6.2.2 Installation of **Starter Shingle Roll** shall comply with the Owens Corning current published instructions.

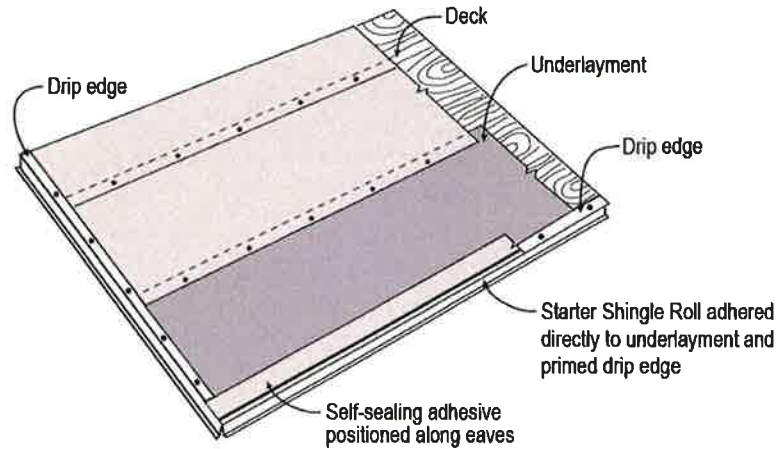


Figure 3: Starter Shingle Roll

6.3 ASPHALT SHINGLES:

6.3.1 Installation of asphalt shingles shall comply with the Owens Corning current published instructions, using minimum four (4) nails per shingle in accordance with FBC 1507.2.7 or R905.2.6, with the following exceptions:

- Berkshire® shingles require minimum five (5) nails per shingle.
- WeatherGuard® HP shingles require minimum six (6) nails per shingle.

Where the roof slope exceeds 21 units vertical in 12 units horizontal, special methods of fastening are required. Refer to Owens Corning published information on wind resistance and installation limitations.

6.3.1.1 **Supreme:**

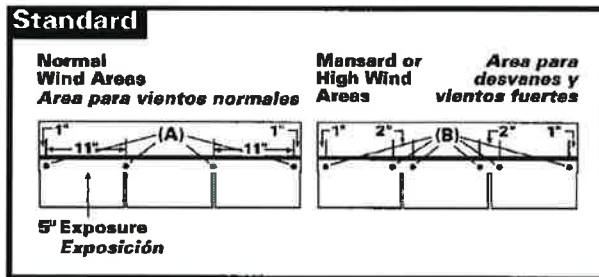


Figure 4: Minimum Nailing, Supreme (Standard Size)

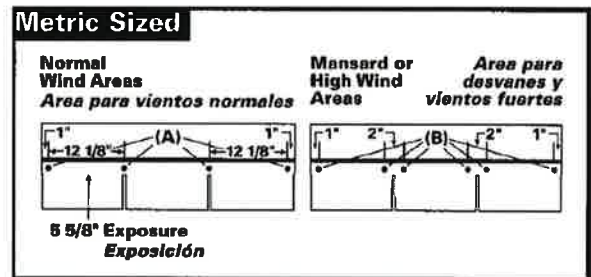


Figure 5: Minimum Nailing, Supreme (Metric Size)



6.3.1.2 **Berkshire®:**

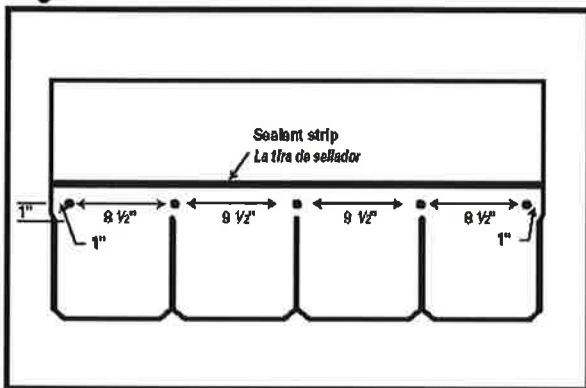


Figure 6: 5-Nail Pattern, Berkshire

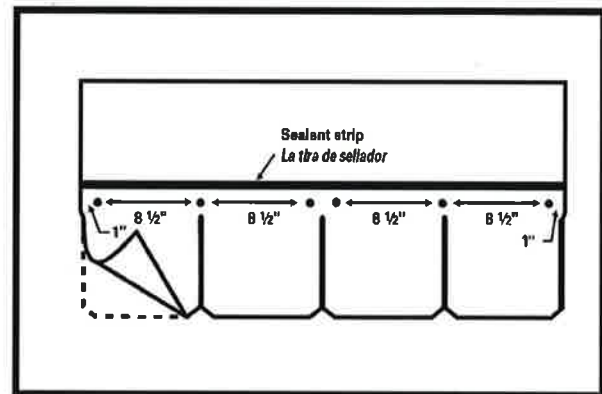


Figure 7: 6-Nail Pattern, Berkshire

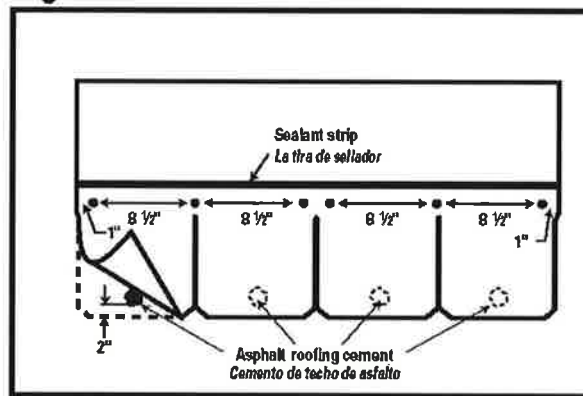


Figure 8: Mansard or Steep Slope Pattern, Berkshire



6.3.1.3 Duration® Premium, TruDefinition® Duration, Duration® Premium COOL & TruDefinition® Duration® Designer Color Collection:

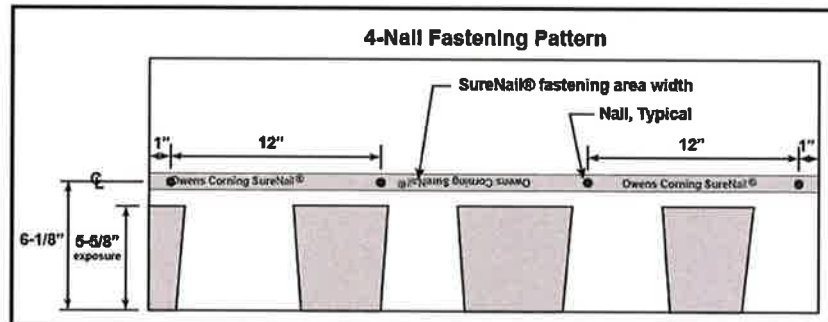


Figure 9: Standard 4-Nail Pattern, Duration

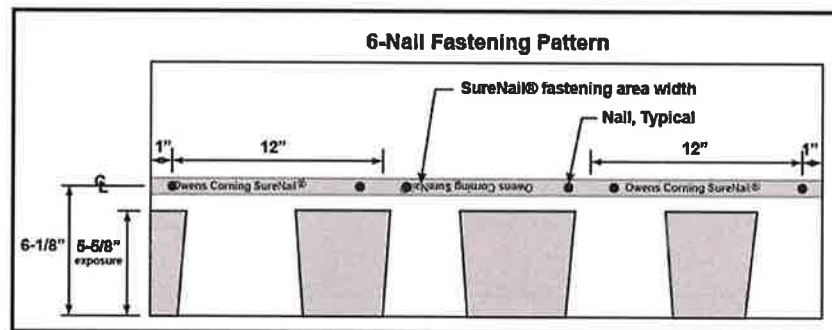


Figure 10: 6-Nail Pattern, Duration

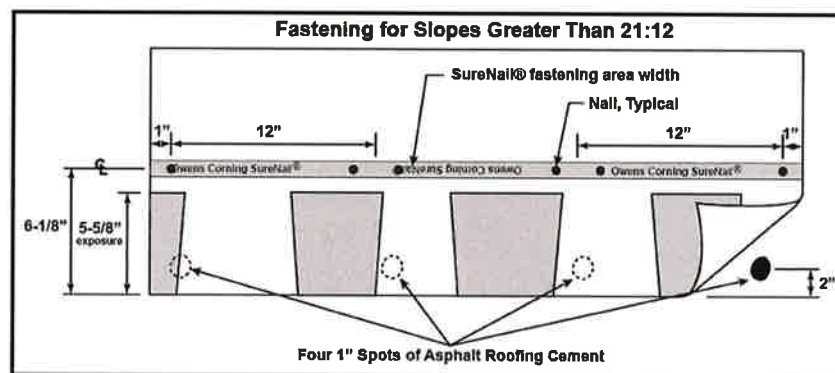


Figure 11: Mansard or Steep Slope Pattern, Duration



6.3.1.4 **TruDefinition® Oakridge®, Oakridge®:**

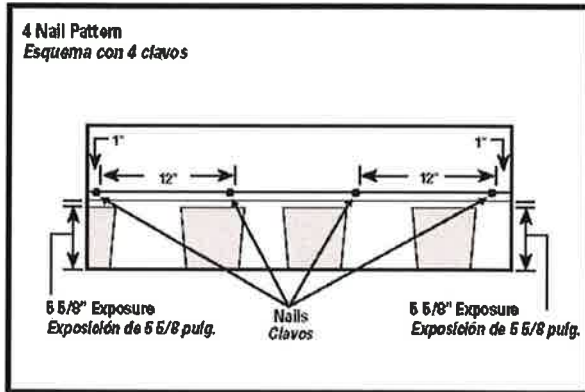


Figure 12: Standard 4-Nail Pattern, Oakridge

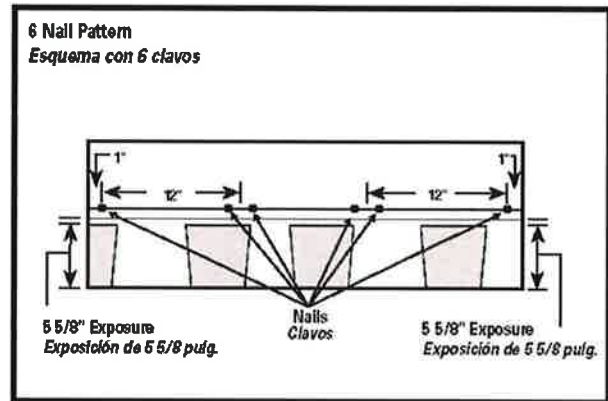


Figure 13: 6-Nail Pattern, Oakridge

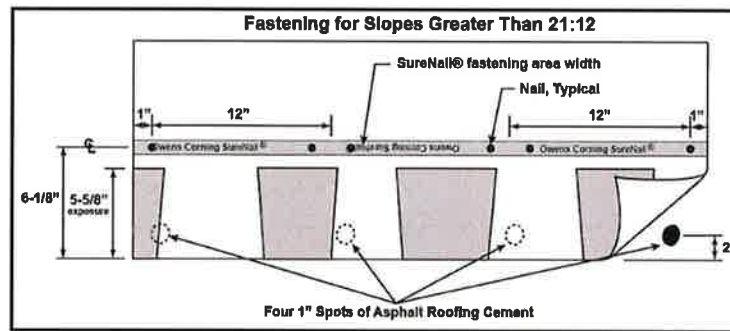


Figure 14: Mansard or Steep-Slope Pattern, Oakridge

6.3.1.5 **WeatherGuard® HP:**

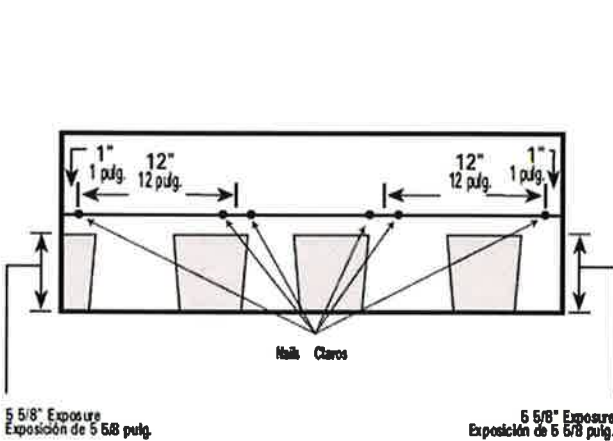


Figure 15: 6-Nail Pattern, WeatherGuard HP

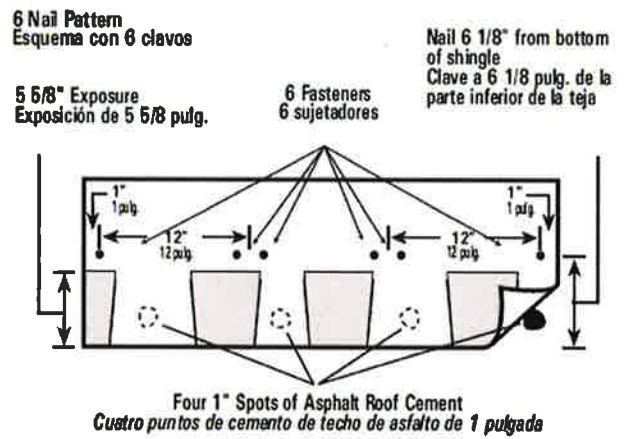


Figure 16: Mansard or Steep-Slope Pattern, WeatherGuard HP

6.4 HIP AND RIDGE SHINGLES:

6.4.1 Installation of asphalt shingles shall comply with the Owens Corning current published instructions.

- Berkshire® Hip and Ridge Shingles *with Sealant* and DuraRidge® Hip and Ridge Shingles *with Sealant* require minimum two (2) nails per shingle.
- WeatherGuard® HP Hip and Ridge Shingles and ProEdge® require minimum four (4) nails per shingle.

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

6.4.1.1 **Berkshire® Hip and Ridge *with Sealant* and DuraRidge® Hip and Ridge Shingles *with Sealant*:**

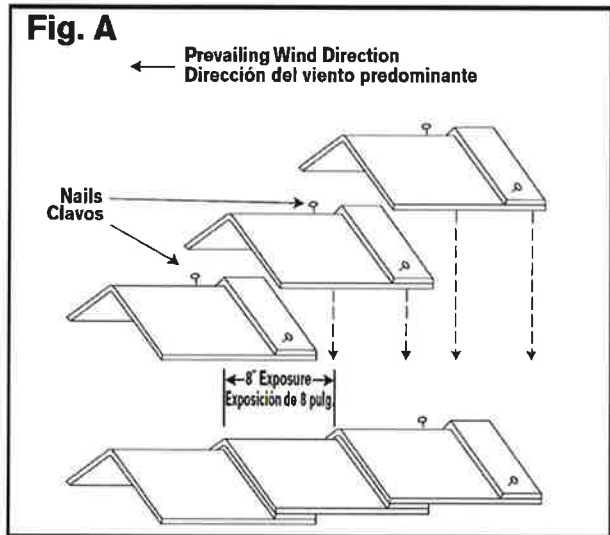


Figure 17: Isometric View, Berkshire and DuraRidge

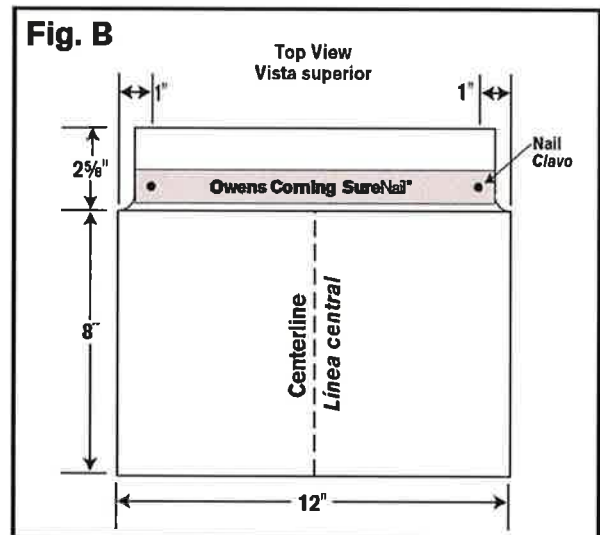


Figure 18: Plan View, Berkshire and DuraRidge

6.4.1.2 **WeatherGuard® HP Hip and Ridge Shingles:**

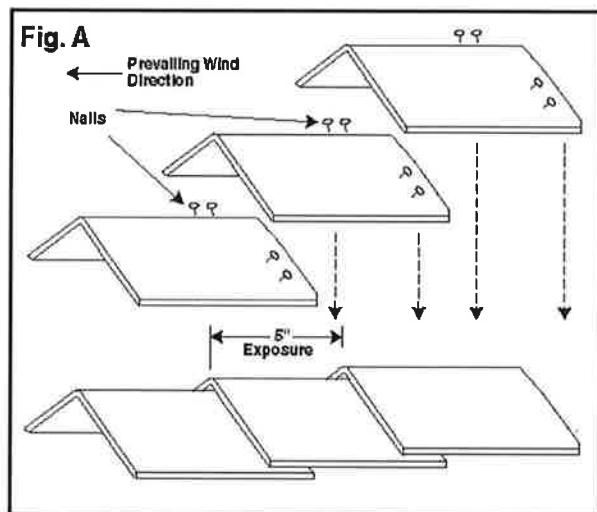


Figure 19: Isometric View, WeatherGuard HP Hip and Ridge

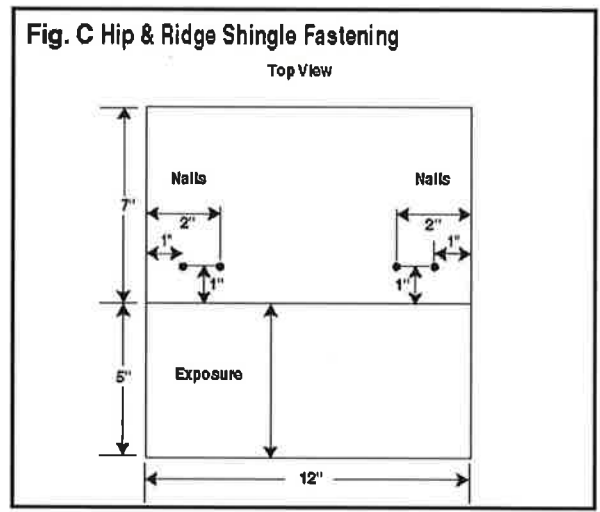


Figure 20: Plan View, WeatherGuard HP Hip and Ridge



6.4.1.3 **ProEdge®:**

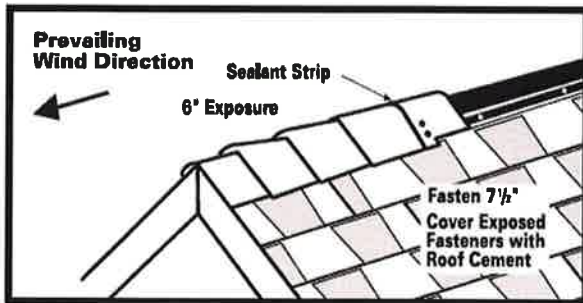


Figure 21: Isometric View, ProEdge

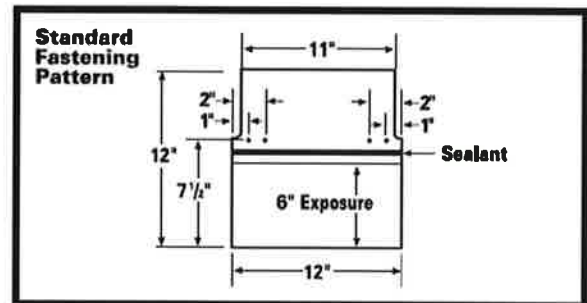


Figure 22: Plan View, ProEdge

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to Section 4 herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

PRI Construction Materials Technologies, LLC– QUA9110 ; (813) 621-5777; bwilson@pricmt.com

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FL #	FL2533-R24								
Application Type	Revision								
Code Version	2020								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	CertainTeed, LLC (Roofing)								
Address/Phone/Email	20 Moores Road Malvern, PA 19355 (610) 893-5400 mark.d.harner@saint-gobain.com								
Authorized Signature	Mark Harner mark.d.harner@saint-gobain.com								
Technical Representative	Mark D. Harner								
Address/Phone/Email	18 Moores Road Malvern, PA 19355 (610) 651-5847 Mark.D.Harner@saint-gobain.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Roofing								
Subcategory	Modified Bitumen Roof System								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen								
Florida License	PE-59166								
Quality Assurance Entity	UL LLC								
Quality Assurance Contract Expiration Date	09/15/2023								
Validated By	John W. Knezevich, PE <input type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence	FL2533 R24 COI 2020 01 COI NIEMINEN.pdf								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D1970</td> <td>2015</td> </tr> <tr> <td>ASTM D2178</td> <td>2015</td> </tr> <tr> <td>ASTM D4601</td> <td>2012</td> </tr> </tbody> </table>	Standard	Year	ASTM D1970	2015	ASTM D2178	2015	ASTM D4601	2012
Standard	Year								
ASTM D1970	2015								
ASTM D2178	2015								
ASTM D4601	2012								



NEMO | etc.

APPENDIX 1- ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	5
1B	Wood	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	6-8
1C	Wood	New, Reroof (Tear-Off) or Recover	B	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	8
1D	Wood	New, Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	9-10
1E	Wood	New, Reroof (Tear-Off) or Recover	D	Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	11-13
1F-1	Wood	New, Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	13-16
1F-2	Wood	New, Reroof (Tear-Off) or Recover	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	16-18
1G	Wood	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	18
2A	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	B	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	19-21
2B	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	22-26
2C	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	D	Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	27-29
3A	Structural concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	30-39
3B	Structural concrete	New or Reroof (Tear-Off)	A-3	Bonded Temp Roof/Vapor Barrier, Bonded Insulation, Bonded Roof Cover	40
3C	Structural concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	40
4A	LWIC / steel	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	41-42
4B	LWIC / structural concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	43-46
4C	LWIC / structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	47-48
4D	LWIC / steel	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	49-51
4E	LWIC / steel or struct. conc.	New or Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	52-57
4F	LWIC / steel	Reroof (Tear-Off) or Recover	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	57
4G	LWIC / steel	Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	58
5A	Cementitious wood fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	59
5B	Cementitious wood fiber	New or Reroof (Tear-Off) or Recover	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	60
5C	Cementitious wood fiber	Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	61
5D	Cementitious wood fiber	New, Reroof (Tear-Off) or Recover	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	61
6A	Existing gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	62-64
6B	Existing gypsum	Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	64-65
6C	Existing gypsum	Reroof (Tear-Off)	C	Mech. Attached Insulation, Bonded Roof Cover	65
6D	Existing gypsum	Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	66
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	67-74
7B	Various	Recover	F	Non-Insulated, Bonded Roof Cover	74



The following notes apply to the systems outlined herein:

1. The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
2. Unless otherwise noted, fasteners and stress plates for insulation attachment shall be as follows. Fasteners shall be of sufficient length for the following engagements:
 - Wood Deck: OMG #14 Roofgrip with Flat Bottom Plate (Accutrak), OMG HD with OMG 3 in. Galvalume Steel Plate, DekFast #14 with Hex Plate or 3" Round Insulation Plate, Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 Fastener with FlintFast 3" Insulation Plates. Minimum 0.75-inch plywood penetration or minimum 1-inch wood plank embedment.
 - Steel Deck: OMG #12 or #14 Roofgrip with Recessed or Flat Bottom Plate (Accutrak), OMG #12 Standard or HD with OMG 3 in. Galvalume Steel Plate, DekFast #12 or #14 with Hex Plate or 3" Round Insulation Plate, Trufast DP or HD with Trufast 3" Metal Insulation Plates or FlintFast #12 or #14 Fastener with FlintFast 3" Insulation Plates. Minimum 0.75-inch steel penetration and engage the top flute of the steel deck.
 - Structural Concrete: OMG #14 Roofgrip with Recessed or Flat Bottom Plate (Accutrak), OMG HD or CD-10 with OMG 3 in. Galvalume Steel Plate, DekFast #14 or DekSpike with Hex Plate or 3" Round Insulation Plate, Trufast HD or CF with Trufast 3" Metal Insulation Plates or FlintFast #14 Fastener with FlintFast 3" Insulation Plates. Minimum 1-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions.
3. Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
4. Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for rigid insulation board for System Types B, C or D, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.
5. Preliminary insulation attachment for System Type D: Unless otherwise noted, refer to Section 2.2.10.1.3 of FM Loss Prevention Data Sheet 1-29 (February 2020).
6. Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.
 - Hot asphalt (HA): Full coverage at 25-30 lbs/square
 - Ashland, Inc. "Pliodeck Insulation Adhesive" (A-PD): Continuous 0.75 inch wide ribbons, 12-inch o.c. Ribbons of subsequent layers shall be perpendicular to those in the layer below.
 - Dupont "INSTA STIK Quik Set Commercial Roofing Adhesive" (D-IS): Continuous 0.75 to 1 inch wide ribbons, 12-inch o.c.
 - ICP Adhesives and Sealants "Polyset BOARD-MAX": Continuous 3-inch ribbons, 12-inch o.c.
 - ICP Adhesives and Sealants "Polyset CR-20": Continuous 2.5 to 3-inch wide ribbons, 12-inch o.c.
 - HB Fuller "Millennium One Step Foamable Adhesive" (M-OSFA): Continuous 0.25 to 0.5-inch wide ribbons, 12-inch o.c.
 - HB Fuller "Millennium PG-1 Pump Grade Adhesive" (M-PG1): Continuous 0.5 to 0.75-inch wide ribbons, 12-inch o.c.
 - OMG OlyBond 500 or OlyBond Green (OB500): Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister)
 - Note: When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, boards shall be staggered from layer-to-layer.
 - Note: The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.
7. Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table:

➤ Ashland, Inc. "Pliodeck Insulation Adhesive" (A-PD) @ 12-inch o.c.	MDP -105.0 psf (Min. 1.0-inch)
➤ Ashland, Inc. "Pliodeck Insulation Adhesive" (A-PD) @ 6-inch o.c.	MDP -277.5 psf (Min. 1.0-inch)
➤ Dupont "INSTA STIK Quik Set Commercial Roofing Adhesive" (D-IS):	MDP -120.0 psf (Min. 1.0-inch)
➤ ICP Adhesives and Sealants "Polyset CR-20":	MDP -117.5 psf (Min. 1.0-inch)
➤ HB Fuller "Millennium One Step Foamable Adhesive" (M-OSFA):	MDP -157.5 psf (Min. 1.0-inch)
➤ HB Fuller "Millennium PG-1 Pump Grade Adhesive" (M-PG1):	MDP -157.5 psf (Min. 1.0-inch)
➤ OMG OlyBond 500 (OB500):	MDP -45.0 psf (Min. 0.5-inch Multi-Max FA3)
➤ OMG OlyBond 500 (OB500):	MDP -187.5 psf (Min. 0.5-inch ISO 95+ GL)
➤ OMG OlyBond 500 (OB500):	MDP -315.0 psf (Min. 0.5-inch ENRGY 3)
➤ OMG OlyBond 500 (OB500):	MDP -487.5 psf (Min. 0.5-inch ACFoam II)
8. For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of FM Loss Prevention Data Sheet 1-29 (February 2020).



NEMO | etc.

TABLE 1F-2: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Base Sheet			Primer	Roof Cover (Note 15)		MDP (psf)
		Base	Fasteners	Attach		Base Ply	Cap Ply	
W-100	Min. 19/32-inch plywood; 24-inch span	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite Venting Base	Note 2	7-inch o.c. at 3-inch lap and 7-inch o.c. in three (3), equally spaced, staggered center rows	None	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
W-101	Min. 19/32-inch plywood; 24-inch span	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD or Dekfast Hex Plate with Dekfast #14	7-inch o.c. at 3-inch lap and 7-inch o.c. in three (3), equally spaced, staggered center rows	None	APP-TA	APP-TA	-105.0
W-102	Min. 15/32-inch plywood; 24-inch span	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite Venting Base	FlintFast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	None	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
W-103	Min. 15/32-inch plywood; 24-inch span	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows.	None	APP-TA	APP-TA	-127.5
COLD-APPLIED SYSTEMS:								
W-104	Min. 15/32-inch plywood; 24-inch span	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite Venting Base; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	FlintFast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD	8-inch o.c. at 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	None	(Optional) SBS-CA1	SBS-CA1	-52.5

TABLE 1G: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER

System No.	Deck (Note 1)	Primer	Roof Cover (Note 15)		MDP (psf)	
			Base Ply	Ply		
W-105	APA rated, min. 7/16 CAT, 0.418 in., Exposure 1, OSB sheathing; 24-inch span	FlintPrime or FlintPrime SA	Flintlastic SA Mid Ply, self-adhering	(Optional) SBS-SA	SBS-SA	-90.0
W-106	Min. 15/32-inch plywood; 24-inch span	FlintPrime or FlintPrime SA	SBS-SA-H	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-112.5
W-107	Min. 15/32-inch plywood; 24-inch span	FlintPrime or FlintPrime SA	SBS-SA	(Optional) SBS-SA	SBS-SA	-127.5



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Product Approval
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 Application Detail

OFFICE OF THE SECRETARY

FL #	FL15592-R4
Application Type	Revision
Code Version	2020
Application Status	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and the POC and/or the Commission if necessary.

Comments
 Archived

Product Manufacturer	Kennedy Skylights, LLC
Address/Phone/Email	5294 Tower Way Sanford, FL 32773 (602) 485-5984 kelly@nltubular.com

Authorized Signature	Kelly Joya kelly@nltubular.com
----------------------	-----------------------------------

Technical Representative	
Address/Phone/Email	

Quality Assurance Representative	Pearl Strickland
Address/Phone/Email	5294 Tower Way Sanford, FL 32773 (407) 330-5150 pearl@kennedyskylights.com

Category	Sky Lights
Subcategory	Skylight

Compliance Method	Certification Mark or Listing
-------------------	-------------------------------

Certification Agency	National Accreditation & Management Institute
Validated By	National Accreditation & Management Institute

Referenced Standard and Year (of Standard)	Standard AAMA/CSA/WDMA 101/I.S. 2/A440 ASTM E1886 ASTM E1996 ASTM E283-04 (2012) ASTM E330 ASTM E330 ASTM E331-00 (2009) TAS201
--	--



Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect

[FL15592 R4 Equiv EER 2059 Rev5 KennedySkylight ss.pdf](#)

[FL15592 R4 Equiv EER 2061 Rev4 KennedySkylight ss.pdf](#)

[FL15592 R4 Equiv EER 2386 Rev2 KennedySkylight ss.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

11/30/2020

Date Validated

12/02/2020

Date Pending FBC Approval

Date Approved

12/03/2020

Summary of Products

FL #	Model, Number or Name	Description
15592.1	"CM" Curb Mounted Polycarbonate Skylight	"CM" Curb Mounted Polycarbonate Skylight - Non-I
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +60/-60 Other:		Certification Agency Certificate FL15592 R4 C CAC NI005843-R6 - KENN0007.p Quality Assurance Contract Expiration Date 07/31/2022 Installation Instructions FL15592 R4 II KENN0007 RevB CM ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 49; Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2061 Rev4 KennedySkylig Created by Independent Third Party: Yes
15592.2	"CMG" Curb Mounted Glass Skylight	"CMG" Curb Mounted Glass Skylight - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +95/-95 Other:		Certification Agency Certificate FL15592 R4 C CAC NI005962-R6 - KENN0003.p Quality Assurance Contract Expiration Date 08/31/2022 Installation Instructions FL15592 R4 II KENN0003 RevC CMG ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 49; Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2059 Rev5 KennedySkylig Created by Independent Third Party: Yes
15592.3	"HCMA" Curb Mounted Polycarbonate Skylight	"HCMA" Curb Mounted Polycarbonate Skylight - La Impact for HVHZ
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +80/-80 Other:		Certification Agency Certificate FL15592 R4 C CAC NI012743-R1 - KENN0006.p Quality Assurance Contract Expiration Date 12/31/2022 Installation Instructions FL15592 R4 II KENN0006 RevB HCMA ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 49; Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2061 Rev4 KennedySkylig Created by Independent Third Party: Yes
15592.4	"ICMG" Curb Mounted Glass Skylight	"ICMG" Curb Mounted Glass Skylight - Large Missil HVHZ

	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +60/-60 Other:</p>	<p>Certification Agency Certificate FL15592 R4 C CAC NI005963.02 - KENNO001.pd Quality Assurance Contract Expiration Date 08/31/2022 Installation Instructions FL15592 R4 II KENNO001 RevB ICMG ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 497 Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2059 Rev5 KennedySkylig Created by Independent Third Party: Yes</p>
<p>15592.5</p>	<p>"ISFG4" Curb Mounted Glass Skylight</p>	<p>"ISFG4" Curb Mounted Glass Skylight - Large Missi Non-HVHZ</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +52.5/-52.5 Other:</p>	<p>Certification Agency Certificate FL15592 R4 C CAC NI009833-R5 KENNO004.pd Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL15592 R4 II KENNO004 RevB ISFG4 ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 4975 Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2386 Rev2 KennedySkylig Created by Independent Third Party: Yes</p>
<p>15592.6</p>	<p>"SF" Self-Flashing Polycarbonate Skylight</p>	<p>"SF" Self-Flashing Polycarbonate Skylight - Non-Irr</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +85/-70 Other:</p>	<p>Certification Agency Certificate FL15592 R4 C CAC NI005844-R6 KENNO008.pd Quality Assurance Contract Expiration Date 08/31/2024 Installation Instructions FL15592 R4 II KENNO008 RevB SF Polycarb SS. Verified By: Robert J. Amoruso, P.E. FL PE No. 497 Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2061 Rev4 KennedySkylig Created by Independent Third Party: Yes</p>
<p>15592.7</p>	<p>"SFG4" Curb Mounted Self Flashing Glass Skylight</p>	<p>"SFG4" Curb Mounted Self Flashing Glass Skylight</p>
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +60/-60 Other:</p>	<p>Certification Agency Certificate FL15592 R4 C CAC NI005513-R7 - KENNO005.p Quality Assurance Contract Expiration Date 09/30/2022 Installation Instructions FL15592 R4 II KENNO005 RevC SFG4 SS.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 497 Created by Independent Third Party: Yes Evaluation Reports FL15592 R4 AE PER 2059 Rev5 KennedySkylig Created by Independent Third Party: Yes</p>

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Product Approval Accepts:



KENNEDY SKYLIGHTS

MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT - LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING (FBC) AND RESIDENTIAL (FRC) VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) FOR WIND ZONE 4, MISSILE LEVEL D AT THE DESIGN PRESSURE(S) STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. NCTL-210-2959-1 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
3. THE SKYLIGHT HAS BEEN TESTED IN ACCORDANCE WITH THE WIND BORNE DEBRIS REGION REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING (FBC) AND RESIDENTIAL (FRC) VOLUMES AND DOCUMENTED IN SIGNED AND SEALED TEST REPORT NO. NCTL-210-2959-1 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
4. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. SEE SHEET 4 FOR GLAZING DETAIL.
5. ADEQUACY OF THE EXISTING STRUCTURAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
6. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.
7. THIS PRODUCT IS NOT REQUIRED TO USE AN IMPACT PROTECTIVE SYSTEM THAT COMPLIES WITH THE FLORIDA BUILDING CODE IN THE WIND BORNE DEBRIS REGION.
8. WHEN APPLICABLE, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM SKYLIGHT FRAMING SHALL HAVE BEEN PROTECTED IN A MANNER TO PREVENT GALVANIC CORROSION. FASTENERS SHALL BE MADE OF CORROSION RESISTANT METAL OR HAVE A CORROSION RESISTANT COATING.
9. CURB CONSTRUCTION AND MOUNTING DETAILS:
 - 9.1. A CURB SUPPLIED BY OTHERS CONSTRUCTED AND MOUNTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING (FBC) AND RESIDENTIAL (FRC) VOLUMES FOR THE TYPE OF CONSTRUCTION CLASSIFICATION WHERE THE SKYLIGHT IS TO BE INSTALLED IS ALLOWED.
 - 9.2. INTEGRATION WITH THE ROOF ASSEMBLY SHALL BE IN ACCORDANCE WITH CHAPTER 15 OF THE CURRENT EDITION OF THE FBC AND CHAPTER 9 OF THE CURRENT EDITION OF THE FRC.
 - 9.3. ADDITIONAL INSTALLATION DETAILING AND ENGINEERED INSTALLATION EVALUATION BY A LICENSED DESIGN PROFESSIONAL WILL BE REQUIRED FOR SUBMITTAL IN ADDITION TO THIS PRODUCT EVALUATION DOCUMENT.

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+52.5/-52.5	WIND ZONE 4 MISSILE LEVEL D

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL NOTES AND DESIGN PRESSURE RATING
2	INSTALLATION NOTES AND ANCHOR SCHEDULE
3	ELEVATION AND ANCHORING LAYOUT
4	INSTALLATION SECTION WITH SCREWS AND GLAZING DETAIL
5	INSTALLATION SECTION WITH NAILS
6	BILL OF MATERIALS AND COMPONENTS

KENNEDY SKYLIGHTS

5294 TOWER WAY
SANFORD, FL 32773

TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
LARGE MISSILE IMPACT
GENERAL AND INSTALLATION NOTE

DRAWN BY: TJH
DATE: 05/08/12
SCALE: N.T.S.
REV: B
SHEET: 1 OF 6



PROJECT NUMBER: 417-1015

REV	DESCRIPTION	DATE	BY
B	Update to 6th Edition (2017) FBC	12/6/17	RJA
A	Update to 5th Edition (2014) FBC	7/15/15	RJA

Robert J. Amoruso, P.E.
FL P.E. No. 49752



Digitally signed by
Robert J Amoruso
Date: 2017.12.06
21:58:50 -05'00'

INSTALLATION NOTES:

1. ANCHOR INSTALLATION:
 - 1.1. INSTALL CURB TO ROOF ASSEMBLY IN ACCORDANCE WITH THE ANCHORING LAYOUT ELEVATIONS SHOWN ON SHEET 3 USING FASTENERS SHOWN IN THE INSTALLATION ANCHOR SCHEDULE ON THIS SHEET.
 - 1.2. INSTALL SASH TO CURB USING #8 SELF-DRILLING/SELF-TAPPING SCREWS. SEE ANCHORING LAYOUT SHEET 3.
 - 1.3. CURB WOOD SPECIFIC GRAVITY OF 0.55 MINIMUM.
2. APPLY ALL SEALANTS ACCORDING TO MANUFACTURERS INSTRUCTIONS.
3. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN ON THE INSTALLATION DRAWINGS. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES INCLUDING, BUT NOT LIMITED TO SHEATHING, UNDERLAYMENT AND SHINGLES.
4. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE INSTALLATION ANCHOR SCHEDULE ON THIS SHEET.
6. FOR SKYLIGHT SIZES LESS THAN THAT SHOWN IN THE ELEVATIONS, ANCHOR QUANTITIES MAY BE REDUCED BY ONE (1) WHEN SPACING BETWEEN ANCHORS IS 50% OR LESS THAN THE MAXIMUM SPACING REQUIRED.

INSTALLATION ANCHOR SCHEDULE								
ASSEMBLY	SUBSTRATE TYPE	HEAD TYPE	SIZE	MANUFACTURER AND/OR SPECIFICATION	MIN. EMBEDMENT (IN)	MIN. EDGE DISTANCE (IN)	MIN. SPACING (IN)	CAPACITIES BASED ON
CURB	SOLID-SAWN LUMBER (1)	HEX, PAN OR TRUSS HEAD	NO. 8	ASME B18.6.4 (SELF-DRILLING/SELF-TAPPING SCREW)	1	5/8	5/8	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
ROOF	CONCRETE	HEX HEAD	3/16"	ITW TAPCON (3)	1 1/2	1 1/8	2 1/2	MIN. 2500 PSI CONCRETE BUT NOT LESS THAN THAT REQUIRED BY BUILDING CODE
				Elco Ultracon	1 3/8	1	3 3/8	MIN. 2500 PSI CONCRETE BUT NOT LESS THAN THAT REQUIRED BY BUILDING CODE
ROOF	SOLID-SAWN LUMBER (2)	HEX, PAN OR TRUSS HEAD	NO. 8	ANSI B18.6.1 (WOOD SCREW) ASME B18.6.4 (SELF-DRILLING/SELF-TAPPING SCREW)	7/8	5/16	13/16	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
ROOF	SOLID-SAWN LUMBER	1/4" DIA. ROUND HEAD RING-SHANK NAIL	0.099" DIA. MIN.	RING-SHANK NAIL	7/8	1/2	1/2	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
ROOF	ALUMINUM OR STEEL, 1/8" MIN. WALL THICKNESS	HEX, PAN OR TRUSS HEAD	NO. 8	ASME B18.6.4 (SELF-DRILLING/SELF-TAPPING SCREW)	PROTRUDING MIN. 3 THREADS PAST INTERIOR OF SUBSTRATE	1/2	1/2	ULTIMATE STRENGTH (Fu) OF 22,000 PSI
ROOF	PLYWOOD or OSB	HEX, PAN OR TRUSS HEAD	NO. 8	ASME B18.6.4 (TYPE AB TAPPING SCREW)	SCREW THREADS SHALL PROTRUDE A MINIMUM OF 1/4" FROM THE UNDERSIDE OF THE ROOF SHEATHING	1/2	1/2	7/16" THICK PLYWOOD - SPECIES GROUP 1 OR 2 (APA VOLUNTARY PRODUCT STANDARD PS 1) MINIMUM OR
ROOF	PLYWOOD or OSB	1/4" DIA. ROUND HEAD RING-SHANK NAIL	0.099" DIA. MIN.	RING-SHANK NAIL	NAIL SHANK SHALL PROTRUDE A MINIMUM OF 1/4" FROM THE UNDERSIDE OF THE ROOF SHEATHING	1/2	1/2	7/16" - SHEATHING GRADE (APA VOLUNTARY PRODUCT STANDARD PS 2) MINIMUM

NOTES:

- 1) FOR NO. 8 WOOD AND TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 0.102" (DRILL SIZE 38) PILOT HOLE FOR WOOD FRAME INSTALLATION.
- 2) FOR NO. 8 WOOD AND TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 0.082" (DRILL SIZE 45) PILOT HOLE FOR WOOD FRAME INSTALLATION.
- 3) WHEN ITW TAPCONS ARE USED FOR CONCRETE/MASONRY INSTALLATION, THEY SHALL BE THE ADVANCED THREADFORM TECHNOLOGY TYPE.

PROJECT NUMBER:	417-1015
Update to 6th Edition (2017) FBC	12/6/17 RJA
Update to 5th Edition (2014) FBC	7/15/15 RJA
REV	DESCRIPTION
B	
A	
DATE	

KENNEDY SKYLIGHTS
 5294 TOWER WAY
 SANFORD, FL 32773

TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
 LARGE MISSILE IMPACT
 INSTALLATION NOTES AND ANCHOR SCHEDULE


DATE: 05/08/12
 DRAWING NO: KENN0004
 SHEET: 2 OF 6

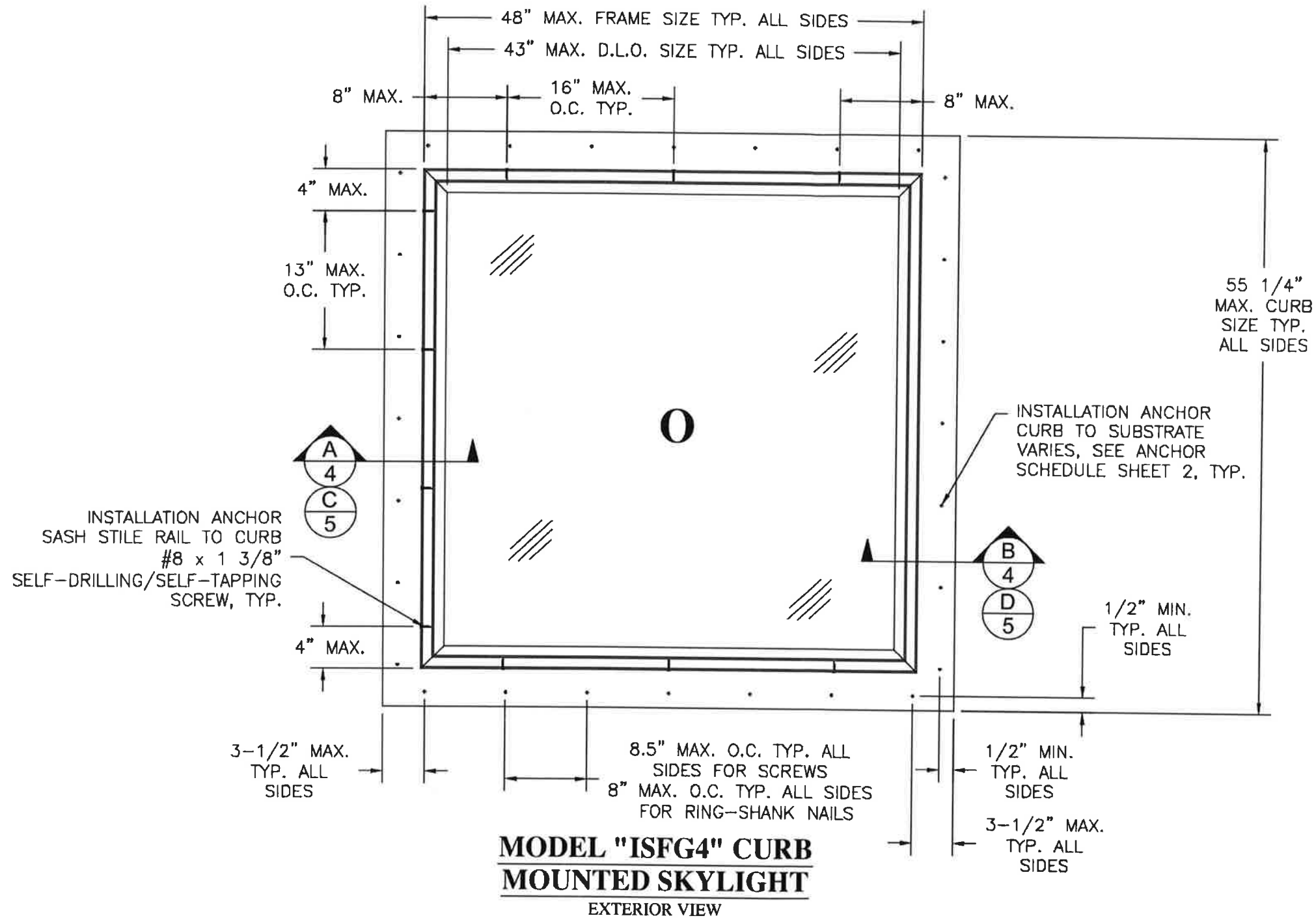
PREPARED BY: T.J.H.
 SCALE: N.T.S.
 REV: B

PTC PRODUCT DESIGN GROUP, LLC
 1000 W. LONGWOOD BLVD., SUITE 200
 LONGWOOD, FLORIDA 32759
 PHONE: 321.690.1788
 FAX: 321.690.1789
 EMAIL: info@ptc-corp.com

Robert J. Amoruso, P.E.
 FL P.E. No. 49752

Digitally signed by Robert J Amoruso
 Date: 2017.12.06 21:59:02 -05'00'





PROJECT NUMBER:	417-1015
Update to 6th Edition (2017) FBC	RJA 12/6/17
Update to 5th Edition (2014) FBC	RJA 7/15/15
REV	DESCRIPTION
B	
A	
BY	DATE

KENNEDY SKYLIGHTS
 5294 TOWER WAY
 SANFORD, FL 32773

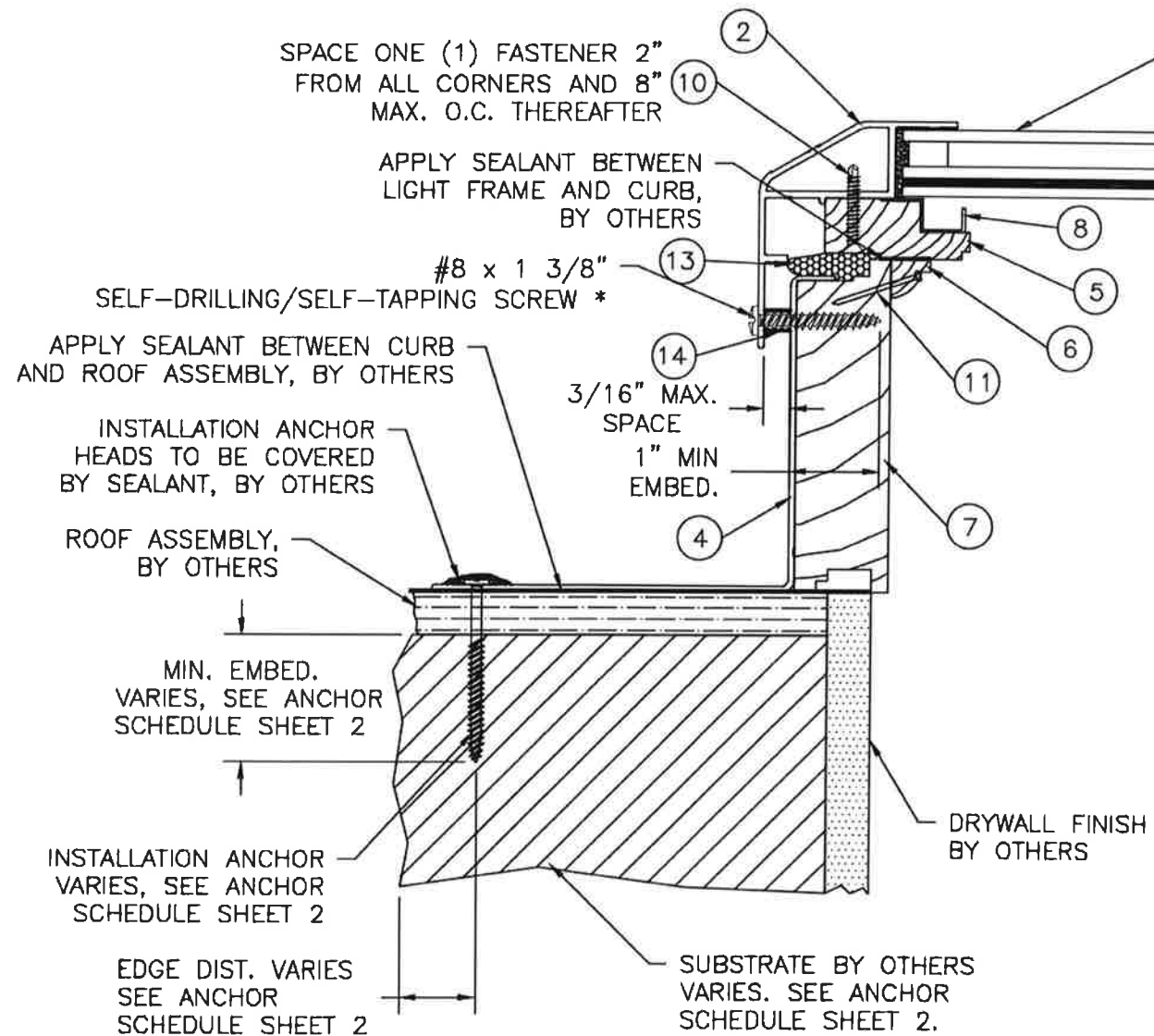
TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
 LARGE MISSILE IMPACT
 ELEVATION AND ANCHORING LAYOUT

PREPARED BY: PTC
 DRAWN BY: TJH
 SCALE: N.T.S.
 DATE: 05/08/12
 DRAWING NO.: KENN0004
 SHEET: 3 OF 6

PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 520775
 LONGWOOD, FLORIDA 32752
 FBPE CA, MD, 25005
 Phone: 321.860.1786
 Fax: 321.860.1789
 Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
 FL P.E. No. 49752

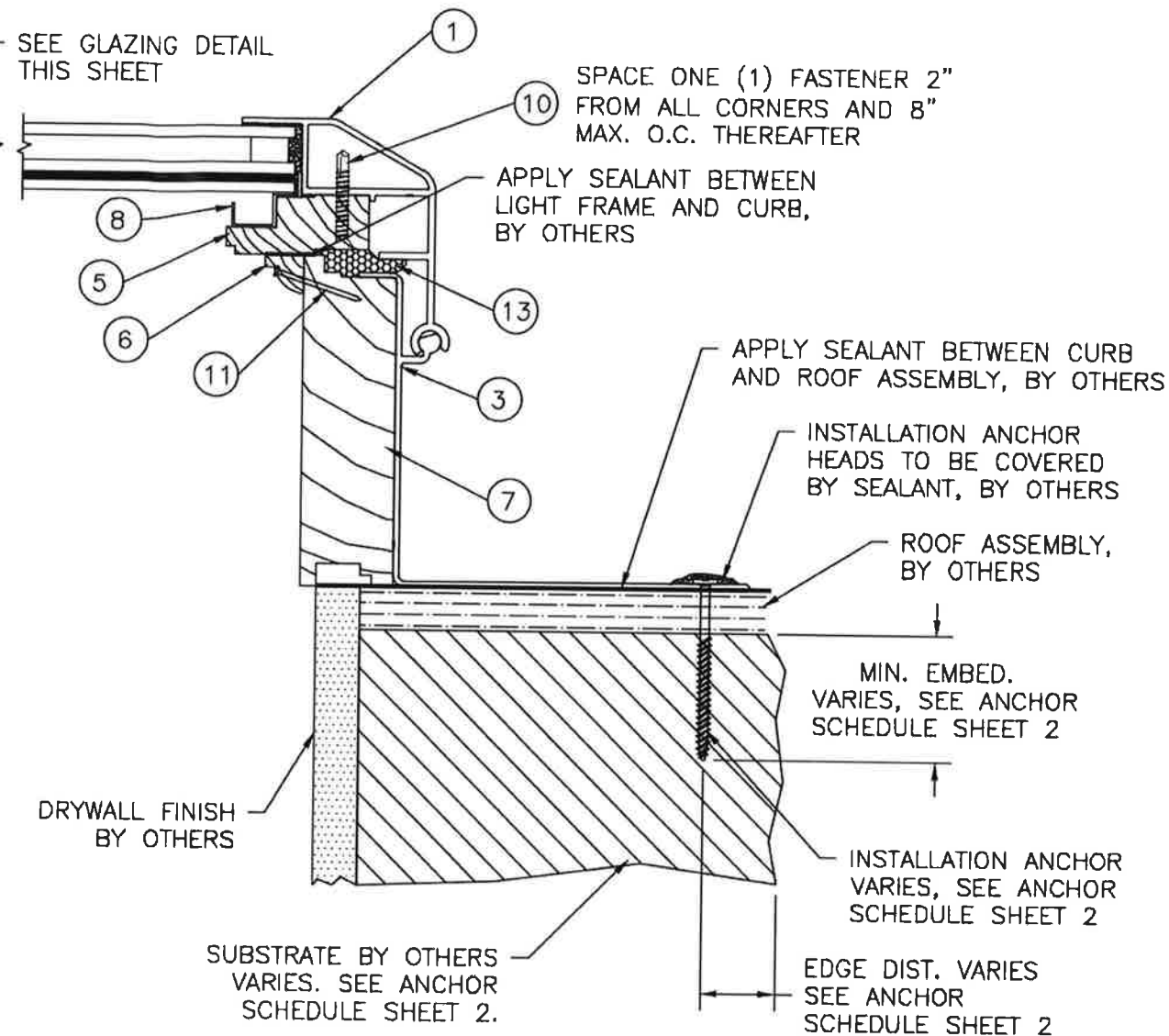
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A INSTALLATION CROSS SECTION
NON-HINGE SIDE

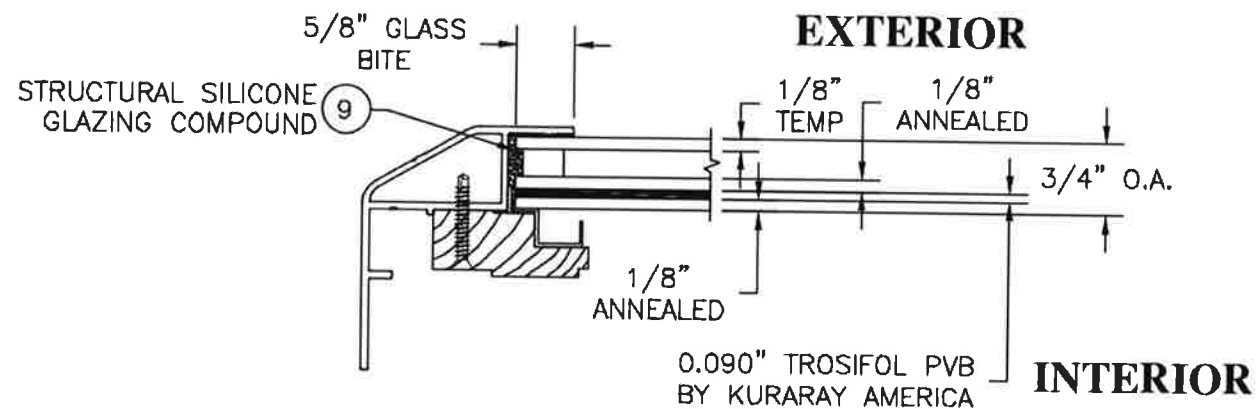
2X FRAMING, CONCRETE AND METAL FRAMING
INSTALLATION DETAIL. SEE SHEET 2

*SEE ANCHOR SCHEDULE ON SHEET
2 FOR OTHER APPROVED TYPES



B INSTALLATION CROSS SECTION
HINGE SIDE

2X FRAMING, CONCRETE AND METAL FRAMING
INSTALLATION DETAIL. SEE SHEET 2



GLAZING DETAIL

PROJECT NUMBER: 417-1015		DATE	BY
Update to 6th Edition (2017) FBC	12/6/17	RIA	
Update to 5th Edition (2014) FBC	7/15/15	RIA	
REV	DESCRIPTION		

KENNEDY SKYLIGHTS
5294 TOWER WAY
SANFORD, FL 32773

TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
INSTALLATION SECTION W/SCREWS AND GLAZING DETAIL

DATE: 05/08/12
DRAWING NO: KENN0004
SHEET: 4 OF 6

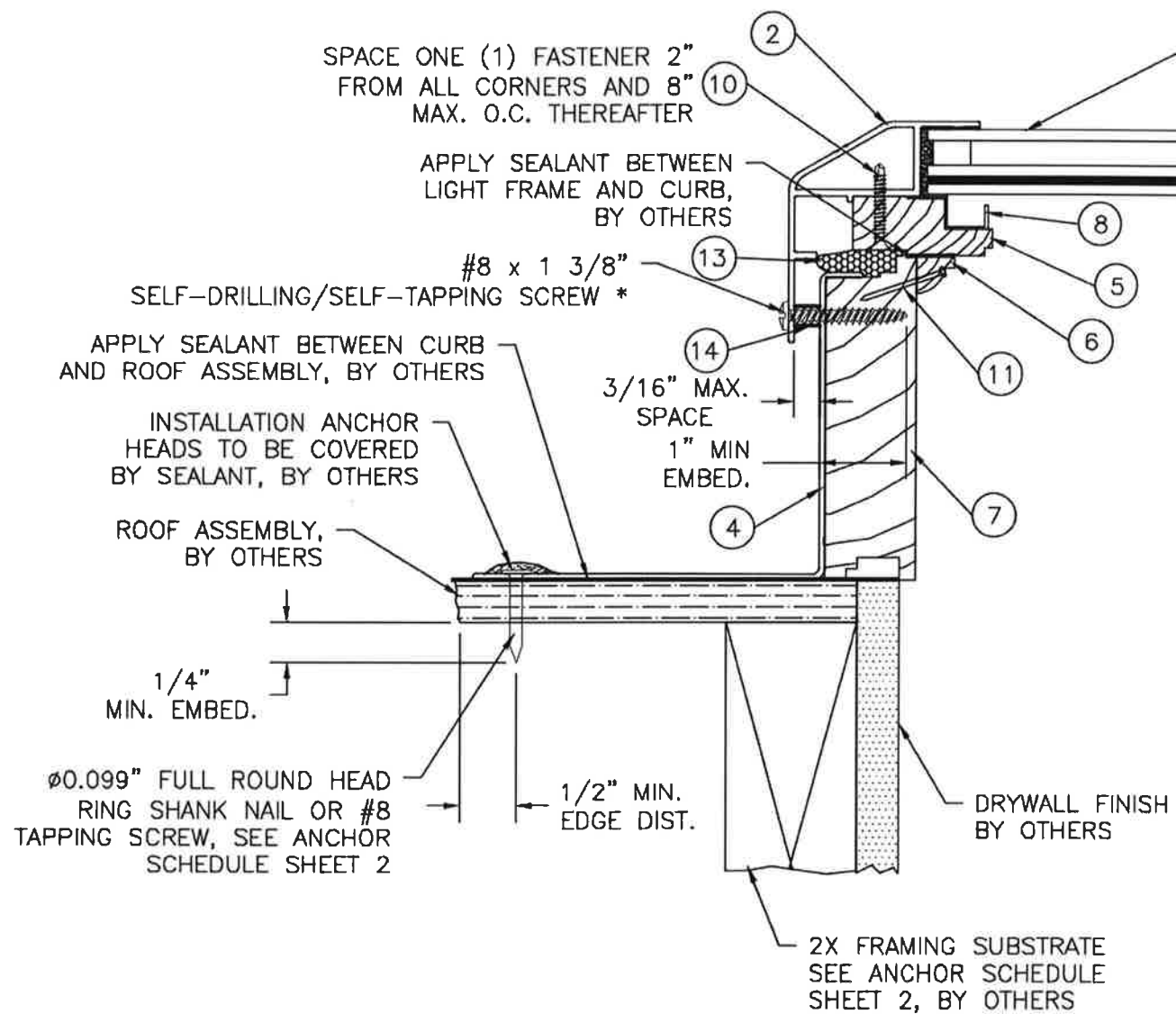
DRAWN BY: TJH
SCALE: N.T.S.
REV: B

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 50073
LONGWOOD, FLORIDA 32752
Phone: 321.660.1788
Fax: 321.660.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
FL P.E. No. 49752



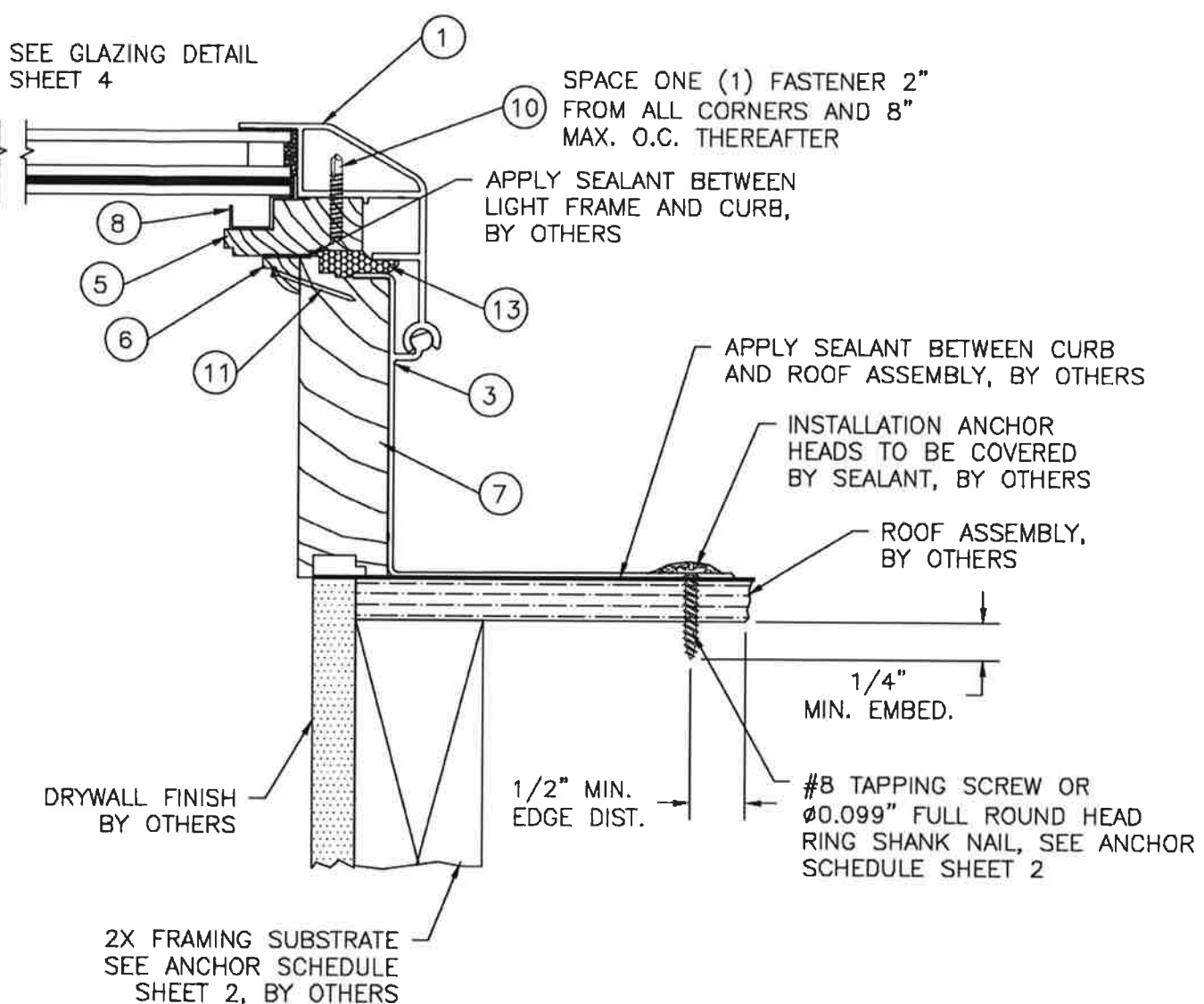
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Robert J Amoruso
Date: 2017.12.06
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C INSTALLATION CROSS SECTION
5 NON-HINGE SIDE

2X FRAMING INSTALLATION DETAIL
Ø0.148" RING SHANK NAIL SHOWN, #10
TAPPING SCREW ALSO APPROVED, SEE
ANCHOR SCHEDULE SHEET 2

*SEE ANCHOR SCHEDULE ON SHEET
2 FOR OTHER APPROVED TYPES



D INSTALLATION CROSS SECTION
5 HINGE SIDE

2X FRAMING INSTALLATION DETAIL
#10 TAPPING SCREW SHOWN, Ø0.148" RING
SHANK NAIL ALSO APPROVED, SEE
ANCHOR SCHEDULE SHEET 2

PROJECT NUMBER: 417-1015

REV	DESCRIPTION	DATE	BY
B	Update to 6th Edition (2017) FBC	12/6/17	RJA
A	Update to 5th Edition (2014) FBC	7/15/15	RJA

KENNEDY SKYLIGHTS
5284 TOWER WAY
SANFORD, FL 32773

TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
LARGE MISSILE IMPACT
INSTALLATION SECTION WITH NAILS

DATE: 05/08/12
DRAWING NO.: KENN0004
SHEET: 5 OF 6

PREPARED BY: T.J.H.
SCALE: N.T.S.
REV: B

PTC
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.680.1788
Fax: 321.680.1789
Email: info@ptc-corp.com

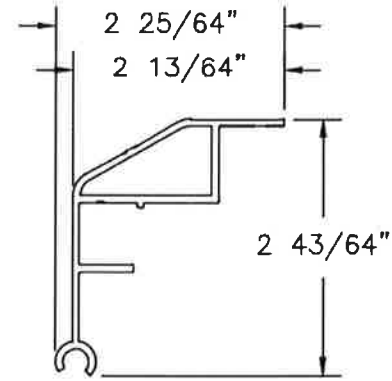
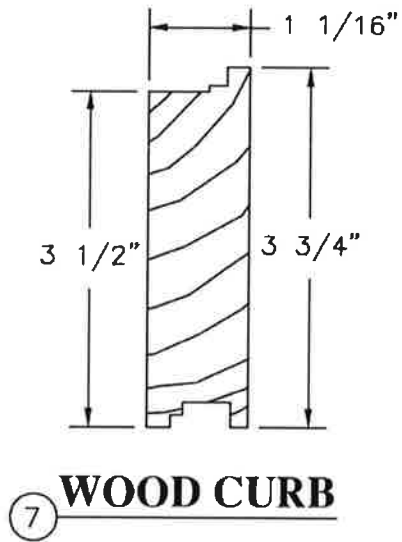
Robert J. Amoroso, P.E.
FL P.E. No. 49752



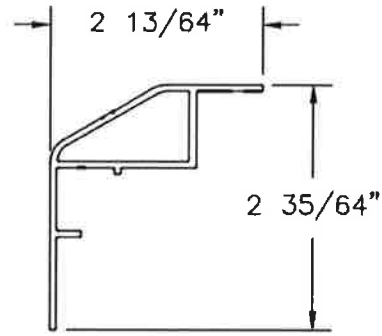
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Robert J
Amoroso
Date:
2017.12.06
21:59:42
-05'00'

BILL OF MATERIALS

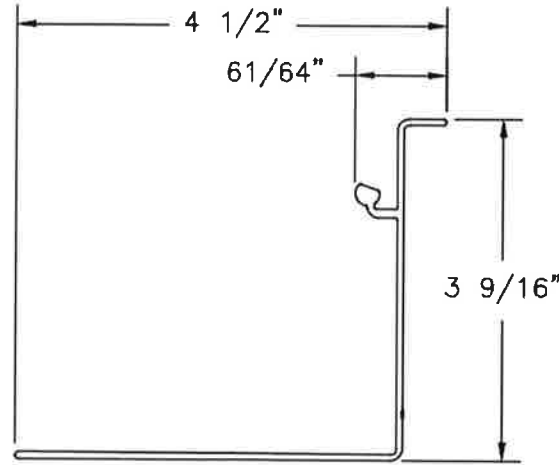
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER	MATERIAL
1	FE4694	SASH HINGE	INDALEX ALUM. SOLUTIONS	ALUM. 6063-T6
2	FE4693	SASH STILE RAIL	INDALEX ALUM. SOLUTIONS	ALUM. 6063-T6
3	FE4695	4" CURB HINGE	INDALEX ALUM. SOLUTIONS	ALUM. 6063-T6
4	FE46700	4" CURB	INDALEX ALUM. SOLUTIONS	ALUM. 6063-T6
5	SM KS-5	WOOD SASH FRAME	KENNEDY SKYLIGHTS, LLC	WOOD
6	SM KS-6	SASH STOP	KENNEDY SKYLIGHTS, LLC	WOOD
7	SM KS-2	WOOD CURB	KENNEDY SKYLIGHTS, LLC	WOOD
8	AK-2474	CONDENSATION CHANNEL	CENTRAL PLASTICS, INC.	HIGH TEMP. PVC
9		GLAZING COMPOUND	NOVAFLEX	STRUCTURAL SILICONE
10		#8 x 1 1/4" FH SELF-DRILLING SCREW		
11		16GA. x 1 1/8" BRAD NAIL		
12		LARGE MISSILE IMPACT GLAZING, SEE SHEET 3		
13		1" x 1/4" FOAM GASKET		EDPM FOAM
14		RIGID SPACER FOR SASH STILE RAIL INSTALLATION, SEE INSTALLATION NOTE 4, SHEET 2		RIGID



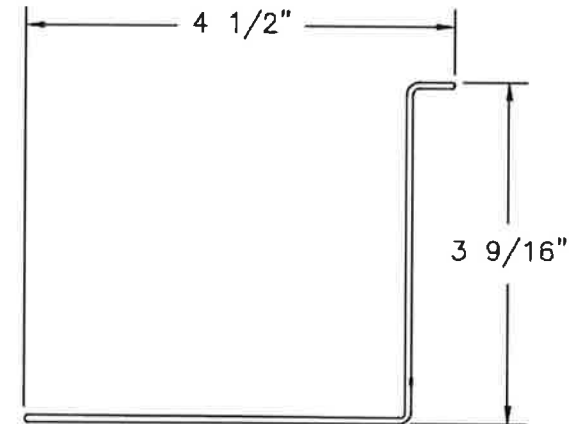
1 SASH HINGE
EXTRUDED ALUMINUM 6063-T6
0.070" THICK



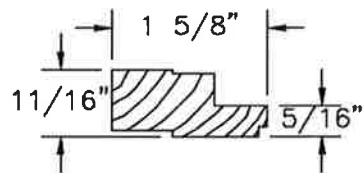
2 SASH STILE RAIL
EXTRUDED ALUMINUM 6063-T6
0.070" THICK



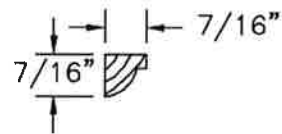
3 4" CURB HINGE
EXTRUDED ALUMINUM 6063-T6
0.063" THICK



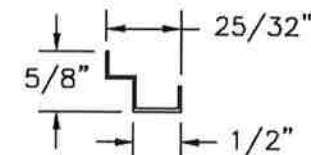
4 4" CURB
EXTRUDED ALUMINUM 6063-T6
0.063" THICK



5 WOOD SASH FRAME



6 WOOD SASH STOP



8 CONDENSATION CHANNEL
EXTRUDED HIGH TEMP RIGID PVC
0.030" THICK

PROJECT NUMBER: 417-1015		Update to 6th Edition (2017) FBC	RJA	DATE
REV	DESCRIPTION	Update to 5th Edition (2014) FBC	RJA	DATE
B				12/6/17
A				7/15/15

KENNEDY SKYLIGHTS

5294 TOWER WAY
SANFORD, FL 32773

TITLE: MODEL "ISFG4" CURB MOUNTED GLASS SKYLIGHT
LARGE MISSILE IMPACT
BILL OF MATERIALS AND COMPONENTS

DRAWN BY: TJH
DATE: 05/08/12
SCALE: N.T.S.
REV: B
DRAWING NO: KENN0004
SHEET: 6 OF 6



Robert J. Amoruso, P.E.
FL P.E. No. 49752



Digitally signed by
Robert J Amoruso
Date: 2017.12.06
21:59:55 -05'00'



Ron DeSantis, Governor

Halsey Beshears, Secretary



DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

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

JANNEY, JOHN CARLTON

JANNEY CONSTRUCTION SERVICES LLC
563 JADEWOOD AVE
ORLANDO FL 32825

LICENSE NUMBER: CCC1329428

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

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Ron DeSantis, Governor

Halsey Beshears, Secretary



DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

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

JANNEY, JOHN CARLTON

JANNEY CONSTRUCTION SERVICES LLC
563 JADEWOOD AVE
ORLANDO FL 32825

LICENSE NUMBER: CGC1511396

EXPIRATION DATE: AUGUST 31, 2022

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Policy Number:

Date Entered:

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/21/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Land P.O. Box 2787 2401 FRENCH AVE. Sanford, FL 32772	CONTACT NAME: Tonya Elliott	
	PHONE (A/C, No, Ext): (407) 330-3111 FAX (A/C, No): (407) 330-3105 E-MAIL ADDRESS: info@insuranceland.org	
INSURED Janney Construction Services LLC 640 North Semoran Blvd Orlando, FL 32807	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Clear Blue Specialty Insurance Company	37745
	INSURER B: United Specialty Insurance Company	
	INSURER C:	
	INSURER D:	
	INSURER E:	
INSURER F:		

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			AR01RS2000065-02	2/17/2021	2/17/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			BTN2016261	03/18/2020	03/18/2021	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Roofing

John Carlton Janney is qualifier: CCC1329428

CERTIFICATE HOLDER**CANCELLATION**

City of Belle Isle
1600 Nela Avenue
Belle Isle, FL 32809

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Tonya Elliott*Email: cobipermits@universalengineering.com

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PAID: \$60.00 0098-00932094 7/2/2020

Tax Collector Scott Randolph

Local Business Tax Receipt

Orange County, Florida

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

	2020	EXPIRES 9/30/2021	5000-1192612
5000 BUSINESS OFFICE	\$30.00	1 EMPLOYEE ; 1606 CERTIFIED ROOFING CO	\$30.00 1 EMPLOYEE ;

TOTAL TAX	\$60.00
PREVIOUSLY PAID	\$60.00
TOTAL DUE	\$0.00

640 N SEMORAN BLVD
U - ORLANDO, 32807

PAID: \$60.00 0098-00932094 7/2/2020



JANNEY JOHN CARLTON

JANNEY CONSTRUCTION SERVICES LLC
JANNEY JOHN CARLTON
640 N SEMORAN BLVD
ORLANDO FL 32807

This receipt is official when validated by the Tax Collector.

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