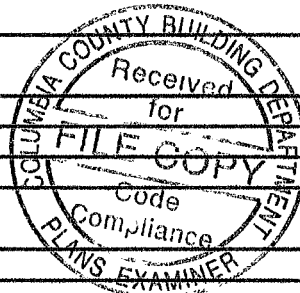


PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	• MASONITE/DYKE	INSWING FIBERGLASS	FL 4334-R6
B. SLIDING			
C. SECTIONAL	• CLOPAY	WINDCODE W8 GARAGE DOOR	FL 16107.14
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	• MAGDOUA	VINYL 300 SINGLE HUNG	FL 12716-R1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	• CERTAINTEED	WEATHERBOARD FIBERCEMENT	FL 3148-R4
B. SOFFITS	• KAYCAN	SOFFIT	FL 16503
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	• CERTAINTEED	SHINGLES	FL 5444
B. UNDERLAYMENTS	WOODLAND	30# ROOFING FELT	FL 1814-R5
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			



Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
----------------------	--------------	---------------------	--------------------

N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	SIMPSON	TRUSS HANGER	FL 3750.71
B. TRUSS PLATES	MITER	PLATES	2197.2 - 2197.4
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Kathleen McCarty
APPLICANT SIGNATURE

4/25/14
DATE



Florida Department of
Business & Professional
Regulation

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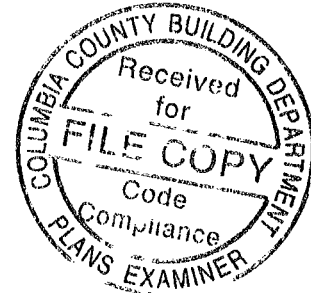
Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

FL #	FL5444-R6
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@salnt-gobaln.com
Authorized Signature	Steven Lawrey Steven.T.Lawrey@salnt-gobaln.com
Technical Representative	Steven Lawrey
Address/Phone/Email	1400 Union Meeting Road Blue Bell, PA 19422 (215) 274-2425 Steven.T.Lawrey@salnt-gobaln.com
Quality Assurar	TC
Address/Phone,	COMPLETE
Category	RET. (SHE
Subcategory	Will Reprint for
Compliance Me	Ring Half Shingles
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	02/13/2016
Validated By	John W. Knezevich, PE



Evaluation Report from a Florida Registered Architect or a Licensed 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
UL LLC
Quality Assurance Contract Expiration Date
02/13/2016
Validated By
John W. Knezevich, PE
☒ Validation Checklist Hardcopy Received

Certificate of Independence
[FL5444_R6_COI_2014_01_COI_Nieminen.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM D3161, Class F	2006
	ASTM D3462	2007
	ASTM D7158, Class H	2007

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

02/27/2014

Date Validated

02/27/2014

Date Pending FBC Approval

03/03/2014

Date Approved

04/18/2014

Summary of Products		
FL #	Model, Number or Name	Description
5444 1	CertainTeed Asphalt Roofing Shingles	3-tab, 4-tab, strip (no-cut-outs), laminated and architectural asphalt roof 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 for Limits of Use		Installation Instructions FL5444_R6_II_2014_02_FINAL_ER_CERTAINTEED Asphalt Shingle_FL5444-R6.pdf Verified By: Robert Nieminen, PE PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL5444_R6_AE_2014_02_FINAL_ER_CERTAINTEED Asphalt Shingle_FL5444-R6.pdf Created by Independent Third Party: Yes



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Product Approval Accepts:





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-R6
FL5444-R6
Date of Issuance: 09/22/2005
Revision 6: 02/27/2014

SCOPE:

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

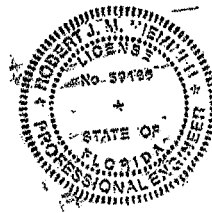
ADVERTISEMENT: The Evaluation Report number preceded by the words "Trinity|ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

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 11.

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 02/27/2014. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client.

CERTIFICATION OF INDEPENDENCE:

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



ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Asphalt Shingles

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

2. STANDARDS:

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

3. REFERENCES:

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
UL (TST 1740)	ASTM D3161	94NK9632	05/15/1998
UL (TST 1740)	ASTM D3161	99NK26506	11/23/1999
UL (TST 1740)	ASTM D3161	03CA12702	05/27/2003
UL (TST 1740)	ASTM D3161	03CA12702	06/16/2003
UL (TST 1740)	ASTM D3161	03NK29847	10/03/2003
UL (TST 1740)	ASTM D3161	04CA11329	05/24/2004
UL (TST 1740)	ASTM D3161	04CA32986	12/03/2004
UL (TST 1740)	ASTM D3161	05NK07049	04/15/2005
UL (TST 1740)	ASTM D3161	05NK16778	05/12/2005
UL (TST 1740)	ASTM D3161	05CA16778	05/12/2005
UL (TST 1740)	ASTM D3161	05NK14836	05/22/2005
UL (TST 1740)	ASTM D3161	05NK22800	06/22/2005
UL (TST 1740)	ASTM D3462	R684	09/21/2005
UL (TST 1740)	ASTM D7158	05NK08037	06/28/2006
UL (TST 1740)	ASTM D3161 & D3462	09CA28873	07/23/2009
UL (TST 1740)	ASTM D3462	10CA41303	10/07/2010
UL (TST 1740)	ASTM D3161	10CA41303	10/08/2010
UL (TST 1740)	ASTM D7158	10CA41303	10/27/2010
UL (TST 1740)	ASTM D3161 & D3462	10CA44960	11/11/2010
UL LLC (TST 9628)	ASTM D3161, D3462 & D7158	13CA32897	11/21/2013
UL LLC (QUA 9625)	Quality Control	Service Confirmation	Exp. 02/13/2016

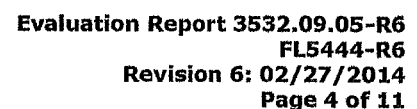
4. PRODUCT DESCRIPTION:

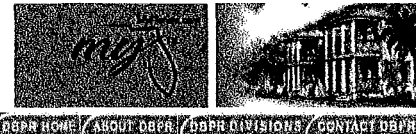
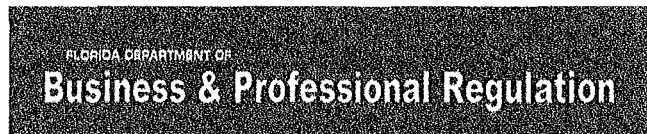
- 4.1 CT20™, XT™ 25 and XT™ 30 are fiberglass reinforced, 3-tab asphalt roof shingles.
- 4.2 Carriage House Shingle®, Centennial Slate™, Grand Manor Shingle®, Landmark™, Landmark™ Pro, Landmark™ Premium, Landmark™ TL and Landmark™ Solaris are fiberglass reinforced, laminated asphalt roof shingles.
- 4.3 Presidential Shake™ and Presidential Shake TL™ are fiberglass reinforced, architectural asphalt roof shingles.
- 4.4 Hatteras™ and Highland Slate™ are fiberglass reinforced, 4-tab asphalt roof shingles.
- 4.5 Patriot™ is a fiberglass reinforced asphalt roof strip-shingle (with no cut-outs) providing a laminated appearance through an intermittent shadow line with contrasting blend drops for color definition.
- 4.6 Presidential Accessory, Accessory for Hatteras, Shangle Ridge™, Shadow Ridge™ and Cedar Crest™ are fiberglass reinforced accessory shingles for hip and ridge installation.
- 4.7 Any of the above listed shingles may be produced in AR (algae resistant) versions.

5. LIMITATIONS:

- 5.1 This Evaluation Report is not for use in the HVHZ
- 5.2 Fire Classification is not part of this Evaluation Report; refer to current Approved Roofing Materials Directory for fire ratings of this product.
- 5.3 Wind Classification:
 - 5.3.1 All shingles noted herein are Classified in accordance with FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F and/or ASTM D7158, Class H, indicating the shingles are acceptable for use in all wind zones up to $V_{asd} = 150$ mph ($V_{ult} = 194$ mph). Refer to Section 6 for installation requirements to meet this wind rating.
 - 5.3.2 Presidential Accessory, Accessory for Hatteras, Shangle Ridge, Shadow Ridge and Cedar Crest hip & ridge shingles have been evaluated in accordance with ASTM D3161, Class F when BASF Sonolastic NP 1 adhesive or Henkel PL® Polyurethane Roof & Flashing Sealant, applied as specified in manufacturer's application instructions, indicating the shingles are acceptable for use in all wind zones up to $V_{asd} = 150$ mph ($V_{ult} = 194$ mph).
 - 5.3.3 Classification by ASTM D7158 applies to exposure category B or C and a building height of 60 feet or less. Calculations by a qualified design professional are required for conditions outside these limitations. Contact the shingle manufacturer for data specific to each shingle.
 - 5.3.3.1 Analysis in accordance with ASTM D7158 indicates the measured uplift resistance (R_T) for the CertainTeed asphalt roofing shingles listed in Section 4.1 through 4.5 exceeds the calculated uplift force (F_T) at a maximum design wind speed of $V_{asd} = 150$ mph ($V_{ult} = 194$ mph) for residential buildings located in Exposure D conditions with no topographical variations (flat terrain) having a mean roof height less than or equal to 60 feet.

The shingles are permissible under Code for installation in these conditions using the installation procedures detailed in this Evaluation Report and CertainTeed minimum requirements, subject to minimum codified fastening requirements established within any local jurisdiction, which shall take precedence.
- 5.4 All products in the roof assembly shall have quality assurance audits in accordance with the Florida Building Code and F.A.C. Rule 9N-3.





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Product Approval
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FL #	FL16503						
Application Type	New						
Code Version	2010						
Application Status	Approved						
Comments							
Archived	☐						
Product Manufacturer	KAYCAN LTD						
Address/Phone/Email	1 Memorial Drive Richford, VT 05476 (406) 553-6818 Ext 0 alex.jovanovic@kpproducts.com						
Authorized Signature	Jovanovic Alex alex.jovanovic@kpproducts.com						
Technical Representative	Alex Jovanovic						
Address/Phone/Email	255 Summerlea Road Brampton, ON-US 05476 (905) 793-9462 Ext 235 alex.jovanovic@kpproducts.com						
Quality Assurance Representative	Alex Jovanovic						
Address/Phone/Email	1 Memorial Drive Richford, VT 05476 (416) 553-6818 alex.jovanovic@kpproducts.com						
Category	Panel Walls						
Subcategory	Soffits						
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☒ Evaluation Report - Hardcopy Received						
Florida Engineer or Architect Name who developed the Evaluation Report	Robert J. Amoroso, P.E.						
Florida License	PE-49752						
Quality Assurance Entity	Architectural Testing, Inc						
Quality Assurance Contract Expiration Date	12/31/2014						
Validated By	Steven M. Ulrich, PE ☒ Validation Checklist - Hardcopy Received						
Certificate of Independence	FL16503_R0_COI_CofI_2241_Rev0_413-0204_KaycanSoffit.pdf						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D3679</td> <td>06a</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> </tbody> </table>	Standard	Year	ASTM D3679	06a	ASTM E330	2002
Standard	Year						
ASTM D3679	06a						
ASTM E330	2002						
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL16503_R0_Equiv_EER_2241_Rev0_413-0204_KaycanSoffit.pdf						
Sections from the Code							

Product Approval Method

Method 1 Option D

Date Submitted

07/29/2013

Date Validated

07/30/2013

Date Pending FBC Approval

08/27/2013

Date Approved

10/18/2013

Summary of Products		
FL #	Model, Number or Name	Description
16503 1	Vinyl/PVC and Aluminum Soffit	See Installation Instructions for Product Models Included
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Instructions for Design Pressures.		Installation Instructions FL16503_R0_IL_KAY0007_Rev0_Soffit.pdf Verified By: Robert J. Amoroso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL16503_R0_AE_PER_2241_Rev0_413-0204_KaycanSoffit.pdf Created by Independent Third Party: Yes



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Product Approval Accepts:



KAYCAN LTD

VINYL/PVC AND ALUMINUM SOFFIT - SOLID AND VENTED

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE (FBC) EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES SHOWN ON THIS SHEET (SEE TABLE). THESE PRODUCTS WERE TESTED TO ASTM E330-02, STRUCTURAL TEST RESULTS BASED ON ASTM E330-02 WERE DIVIDED BY 1.5 AS REQUIRED BY 2010 FBC, SECTION 1715.9.4 AND 2010 FBC, SECTION R616.4.
2. DESIGN PRESSURE (DP) RATINGS SHOWN ON THIS SHEET ARE DOCUMENTED AT TWO EAVE WIDTHS.
2.1 FOR EAVE WIDTHS THE SAME AS THE MINIMUM AND MAXIMUM RANGES SHOWN, THE DP FOR THAT EAVE WIDTH SHALL APPLY.
2.2 FOR EAVE WIDTHS LESS THAN THE MINIMUM SHOWN, THE DP AT THE MINIMUM EAVE WIDTH SHALL APPLY.
2.3 FOR EAVE WIDTHS GREATER THAN THE MINIMUM BUT LESS THAN THE MAXIMUM SHOWN, THE DP MAY BE LINEARLY INTERPOLATED.
- 2.4 EAVE WIDTHS GREATER THAN THE MAXIMUM EAVE WIDTH SHOWN ARE NOT ALLOWED.
3. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED REGISTRATION TESTING LABORATORY, INC. TESTING REPORT NO. 7367, DATED 8/17/13 AND NO. 7329, DATED 5/21/13 INCLUDING ASSOCIATED LABORATORY STAMPED DRAWINGS.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE, MASONRY AND WOOD FRAMING COMPRISING THE ATTACHMENT SUBSTRATE FOR THE SOFFIT SHALL BE DETERMINED TO BE CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THAT STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT.
5. OVERHANGS RECEIVING SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, DAMAGE, CRACKS OR DEFECTS THAT MAY PRECLUDE THE SOFFIT FROM PERFORMING ITS INTENDED FUNCTIONS SHALL BE ELIMINATED.
6. INSTALLATION OF SOFFIT AND ACCESSORIES SUCH AS CORNER POSTS, STARTER STRIPS, AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE AND THE MANUFACTURERS INSTRUCTIONS.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
8. SOFFIT SHALL BE LABELED IN ACCORDANCE WITH 2010 FBC, SECTION 1715.9.2 AND 2010 FBC, SECTION R616.2.
9. SOFFIT NET FREE AREA IN ACCORDANCE WITH 2010 FBC, SECTION 1715.9.1 AND 2010 FBC, SECTION R616.1 ARE SHOWN IN THE APPROVED SOFFIT SCHEDULE ON SHEET 2.
10. MATERIALS:
10.1. KAYCAN BUILDING PRODUCTS VINYL SOFFIT IS MANUFACTURED FROM A FORMULATED PVC POWDER COMPOUND MEETING THE SPECIFICATIONS OF ASTM D3679.
10.2. KAYCAN BUILDING PRODUCTS ALUMINUM SOFFIT IS MANUFACTURED FROM ALUMINUM ALLOY WITH ASTM B3 TESTED TENSILE STRENGTH OF 21 KSI AND YIELD STRENGTH OF 9.66 KSI.
10.3. SEE SHEET 2 FOR SOFFIT SPECIFICATIONS.

TABLE OF CONTENT

SHEET	DESCRIPTION
1	GENERAL NOTES AND SPECIFICATIONS
2	APPROVED VINYL AND ALUMINUM SOFFIT AND TRIM SCHEDULE
3	INSTALLATION FASTENER SCHEDULE AND SOFFIT PROFILES
4 TO 11	SOFFIT AND ACCESSORY PROFILES
12	SOFFIT INSTALLATION CROSS SECTION
13	WALL SIDE - STAPLE DETAIL
14	WALL SIDE - NAIL DETAIL
15	EAVE/FASCIA SIDE DETAIL

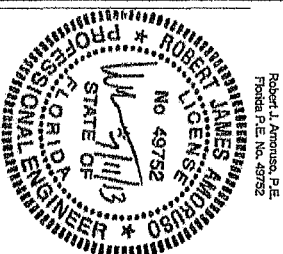
INSTALLATION NOTES:

1. ANCHORS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
2. INSTALLATION ANCHORS SHALL BE AS SHOWN ON THE INSTALLATION FASTENER SCHEDULE ON SHEET 3 AND IN INSTALLATION DETAILS ON SHEETS 11, 12, 13 AND 14.
3. MINIMUM EMBEDMENT EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING). EDGE DISTANCES SHALL BE SUCH TO PREVENTIVE CRACKING OF SUBSTRATE MATERIAL.
4. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.

DESIGN PRESSURE (PSF) RATING

VINYL (PVC) SOFFIT SERIES	EAVE WIDTH (IN)	DESIGN PRESSURE (PSF)
12" TRIPLE 4 SOLID SOFFIT	10	+106.7/-33.3
12" TRIPLE 4 VENTED SOFFIT	10	+106.7/-33.3
12" TRIPLE 4 CENTER-VENT SOFFIT	24	+93.3/-33.3
12" TRIPLE 4 FULL-O-VENT SOFFIT	24	+93.3/-33.3
10" DOUBLE 5 SOLID SOFFIT	10	+113.3/-46.7
10" DOUBLE 5 VENTED SOFFIT	24	+106.7/-40
8" BEADED SOLID SOFFIT	10 TO 24	+106.7/-40
8" BEADED VENTED SOFFIT	10 TO 24	+106.7/-40
ALUMINUM SOFFIT SERIES	EAVE WIDTH (IN)	DESIGN PRESSURE (PSF)
SP-600 16" SOLID SOFFIT	12	+93.3/-40
SP-600 16" VENTED SOFFIT	24	+80/-36.7
12" 3 PANEL SOLID SOFFIT	12	+106.7/-46.7
12" 3 PANEL VENTED SOFFIT	24	+93.3/-40

DESIGN PRESSURE RATINGS SHOWN ABOVE SHALL BE COMPARED TO LOADING BASED ON VASD BASIC WIND SPEEDS. THIS PROJECT DESIGN PRESSURES AS DETERMINED FROM ASCE 7-10 BASED ON VUT BASIC WIND SPEEDS ARE PERMITTED TO BE MULTIPLIED BY 0.6 PER SECTION 1715.9.4 OF THE 2010 FBC/SECTION R616.4 OF THE 2010 FBC FOR COMPARISON TO THE DESIGN PRESSURE RATINGS ABOVE.



KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION
GENERAL NOTES AND SPECIFICATIONS

PREPARED BY:



DRAWN BY:

RJA

DATE:

04/11/13

SCALE:

N.T.S.

DRAWING NO:

KAY0007

REV:

-

SHEET:

1 OF 15

PROJECT #413-0204

REV	DESCRIPTION	DATE	BY

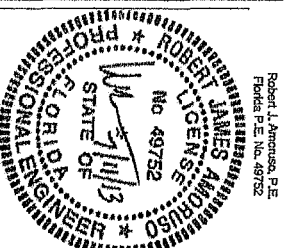
APPROVED VINYL AND ALUMINUM SOFFIT AND TRIM SCHEDULE

Kaycan Vinyl Soffit and Trim					
Product	Kaycan Drawing No.	Panel Length (in)	Thickness (in)	Net Free Area (sq. in./lineal ft.)	Net Free Area (sq. in./sq. ft.)
12" Triple 4 Solid Soffit (Vinyl)	VSAAF-0801UA	144	0.040	n/a	n/a
12" Triple 4 Vented Soffit (Vinyl)	VSAAF-0801UD	144	0.040	6.55	6.55
12" Triple 4 Center-Vent Soffit (Vinyl)	VSAAF-0801UD	144	0.040	2.18	2.18
12" Triple 4 Center-O-Vent Soffit (Vinyl)	VSAAF-0801UB	144	0.040	1.37	1.37
12" Triple 4 Full-O-Vent Soffit (Vinyl)	VSAAF-0801UC	144	0.040	4.18	4.18
10" Double 5 Solid Soffit (Vinyl)	VSAAM-0800UA	144	0.040	n/a	n/a
10" Double 5 Vented Soffit (Vinyl)	VSAAM-0800UB	144	0.040	5.17	4.50
8" Beaded Solid Soffit (Vinyl)	VSAAX-0800UA	150	0.040	n/a	n/a
8" Beaded Vented Soffit (Vinyl)	VSAAX-0800UB	150	0.040	3.38	4.64
F-Channel/Trim (Vinyl)	VAAAT-0800UA	n/a	0.040	n/a	n/a
4" Fascia Trim (Aluminum)	ACAAR-1800UA	n/a	0.022	n/a	n/a

Kaycan Aluminum Soffit and Trim					
Product	Kaycan Drawing No.	Panel Length (in)	Thickness (in)	Net Free Area (sq. in./lineal ft.)	Net Free Area (sq. in./sq. ft.)
SP-600 16" Solid Soffit (Aluminum)	606	144	0.015	n/a	n/a
SP-600 16" Vented Soffit (Aluminum)	605	144	0.015	7.70	6.17
12" 3 Panel Solid Soffit (Aluminum)	9518	144	0.015	n/a	n/a
12" 3 Panel Vented Soffit (Aluminum)	9517	144	0.015	6.57	6.57
F-Channel/Trim (Aluminum)	ACAAN-1800UA	n/a	0.022	n/a	n/a
4" Fascia Trim (Aluminum)	ACAAR-1800UA	n/a	0.022	n/a	n/a

PROJECT #413-0204

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476	
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION APPROVED VINYL & ALUMINUM SOFFIT & TRIM SCHEDULE	
PREPARED BY: PTC	DATE: 04/11/13
DRAWN BY: RJA	DRAWING NO: KAY0007
SCALE: N.T.S.	REV: -
SHEET: 2 OF 15	

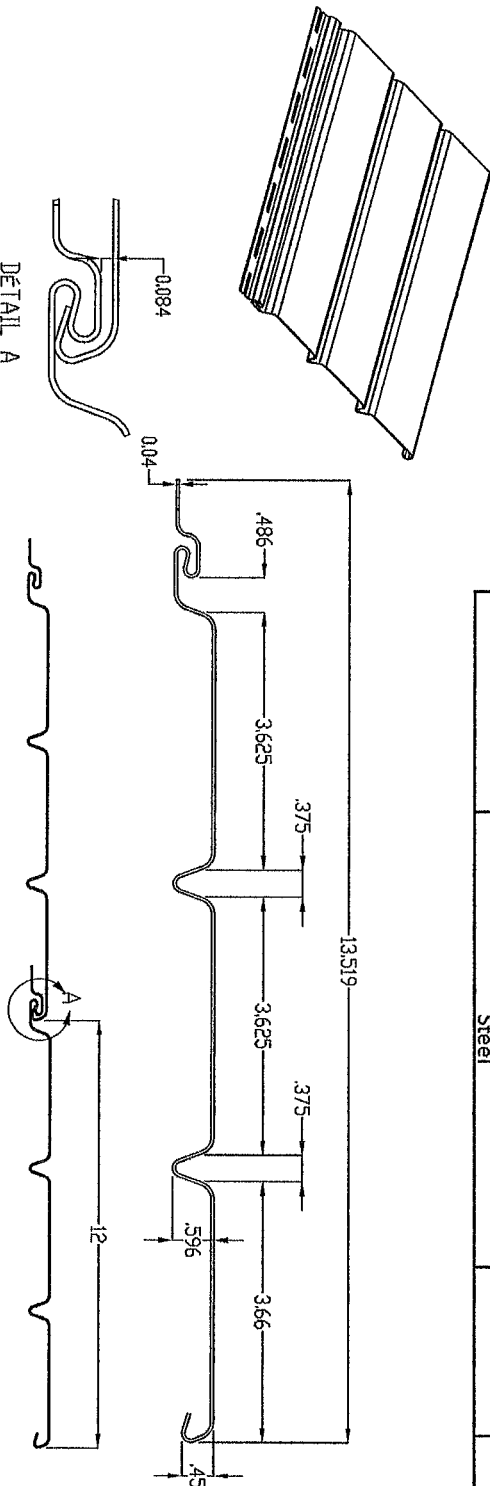


Robert J. Amore, P.E.
Florida P.E. No. 49752

INSTALLATION FASTENER SCHEDULE

Wall Side			
Substrate	Fastener	Embedment	Max. Spacing
Wood	Min. 0.12" Dia. Nail with 3/8" Head Dia. Three (3) Min. 1" Leg Length x 1/4" Width Crown Staples in a Triangular Pattern	1-1/4"	24"
Concrete or Masonry (CMU Block)	Min. 0.097" Diameter Hardened T-Nail or Stub Nail	5/8"	24"

Eave/Fascia Side			
Substrate	Fastener	Embedment	Max. Spacing
Wood	3/8" Leg Length X 3/8" Width T50 Crown Staple	3/8"	Located in Each Soffit Panel Valley
	Fascia Cap		
	5d 1-3/4" Long x 0.072" Dia. Trim Nail Stainless Steel	1-3/4"	48"



12" TRIPLE 4 SOLID SOFFIT - VINYL

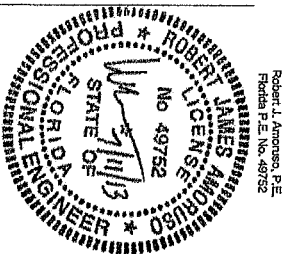
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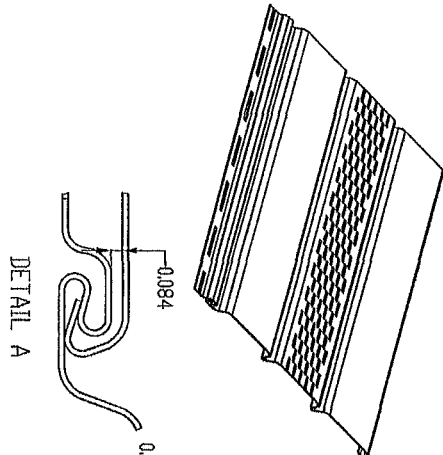
KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION
INSTALLATION FASTENER SCHEDULE / 12" TRIPLE 4 SOLID SOFFIT - VINYL

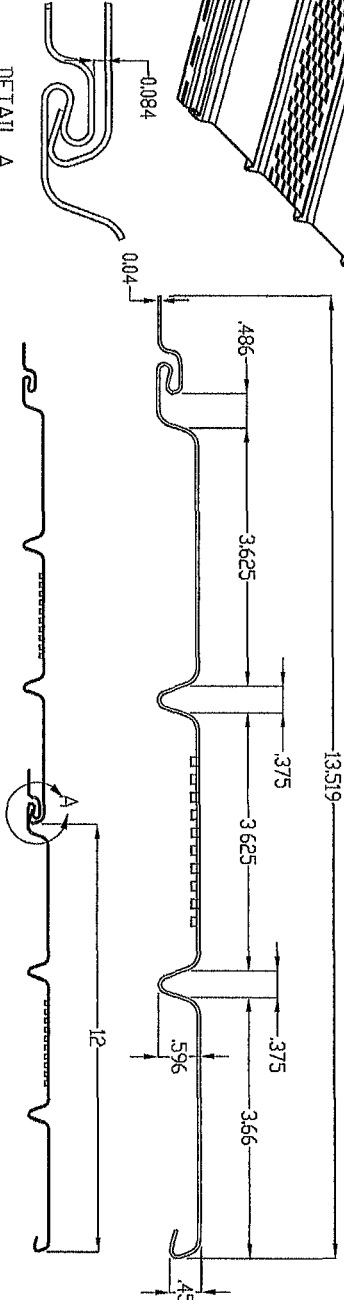
PREPARED BY: PTC PTO PRODUCT DESIGN GROUP, LLC
P.O. Box 60076
Longwood, FL 32763-0776
FBI/E Cert. of Audit No. 26605

Drawn By: RJA
Scale: N.T.S.
Date: 04/11/13
Drawing No: KAY00007
Rev: 1
Sheet: 3 OF 15

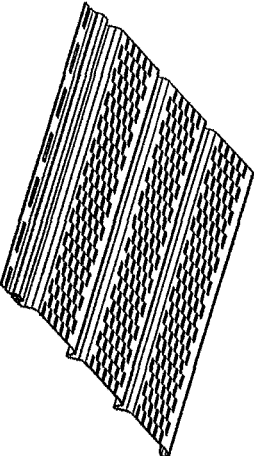




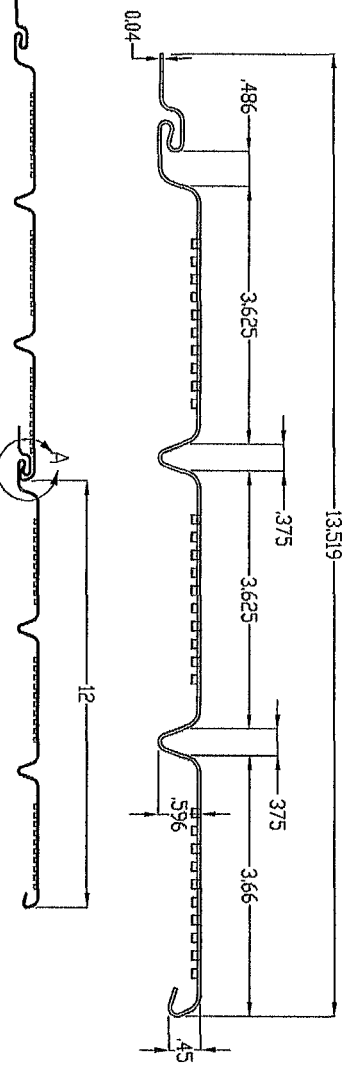
DETAIL A



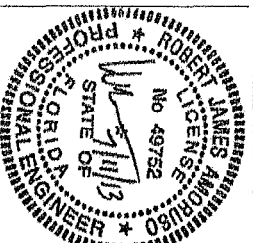
12" TRIPLE 4 CENTER-VENT SOFFIT - VINYL



DETAIL A

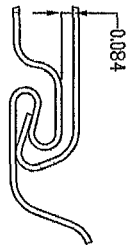
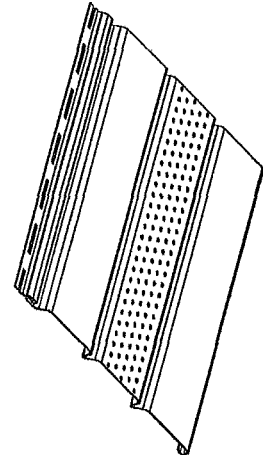


12" TRIPLE 4 VENTED SOFFIT - VINYL

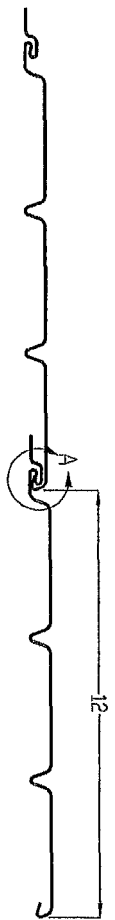
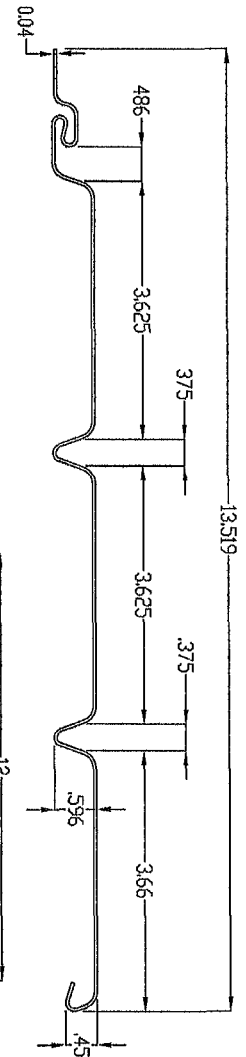


Robert J. Amoroso, P.E.
Florida P.E. No. 49752

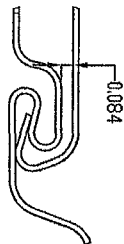
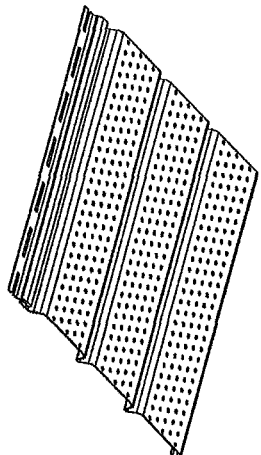
KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION 12" TRIPLE 4 VENTED & CENTER-VENT SOFFIT - VINYL							
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. Box 55076 Longwood, FL 32750-0776 FBP/E Cert. of Auth. No. 25035		DRAWN BY: RJA SCALE: N.T.S. REV: -		DATE: 04/11/13 DRAWING NO: KAY0007 SHEET: 4 OF 15			
				REV	DESCRIPTION	DATE	BY



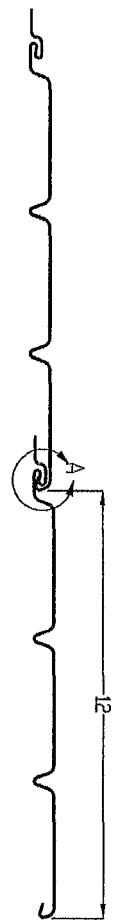
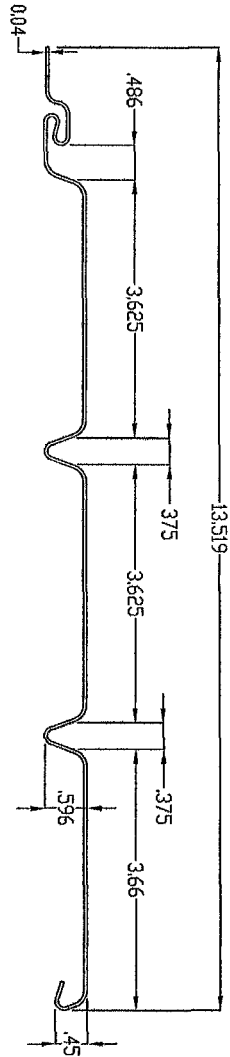
DETAIL A



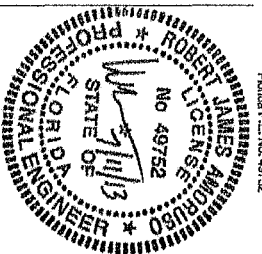
12" TRIPLE 4 CENTER-O-VENT SOFFIT - VINYL



DETAIL A



12" TRIPLE 4 FULL-O-VENT SOFFIT - VINYL



Robert J. Amoroso, P.E.
Florida License No. 49752

KAYCAN LTD
1 MEMORIAL DRIVE
RICHFORD, VT 05476

TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION
12" TRIPLE 4 CENTER-O-VENT & FULL-O-VENT SOFFIT - VINYL

PREPARED BY: PTC
P.T.C. PRODUCT DESIGN GROUP, LLC
P.O. Box 620715
Longwood, FL 32765-0715
FBI/E Coll. of Auth. No. 25935

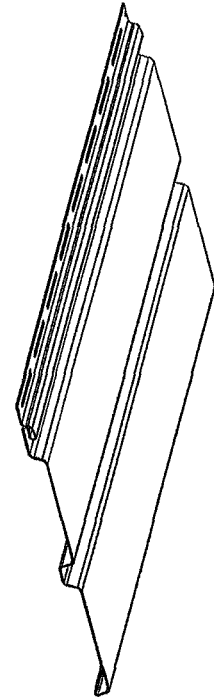
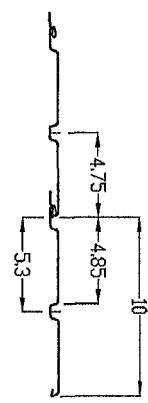
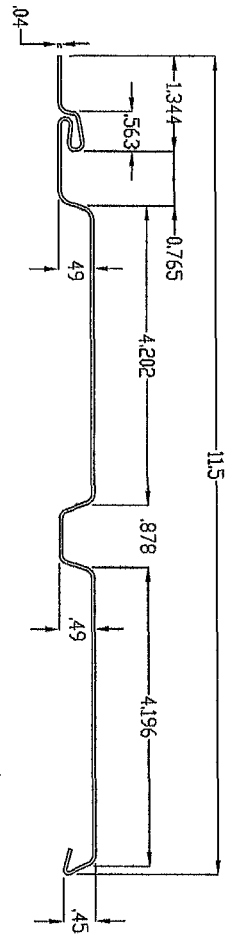
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Scale: N.T.S.

Date: 04/11/13
Drawing No: KAY0007

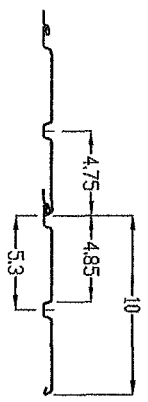
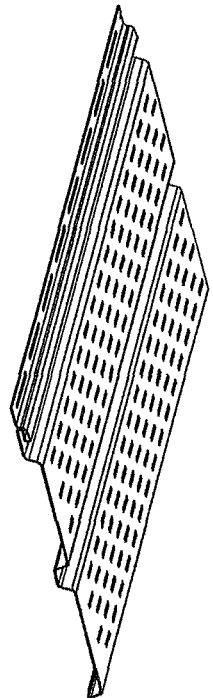
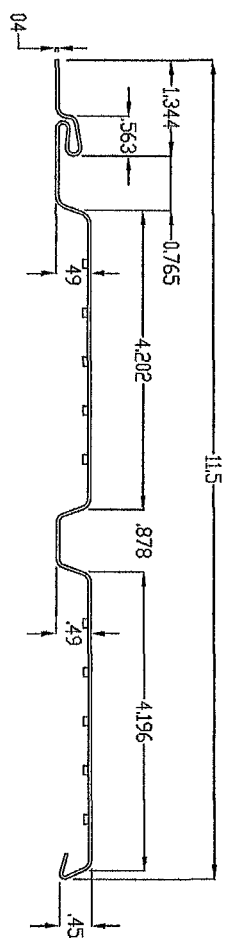
Rev: -

Sheet: 5 OF 15

PROJECT #413-0204			
REV	DESCRIPTION	DATE	BY



10" DOUBLE 5 SOLID SOFFIT - VINYL



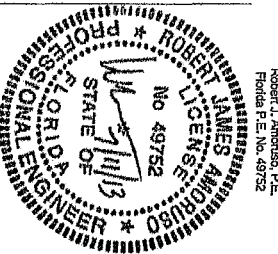
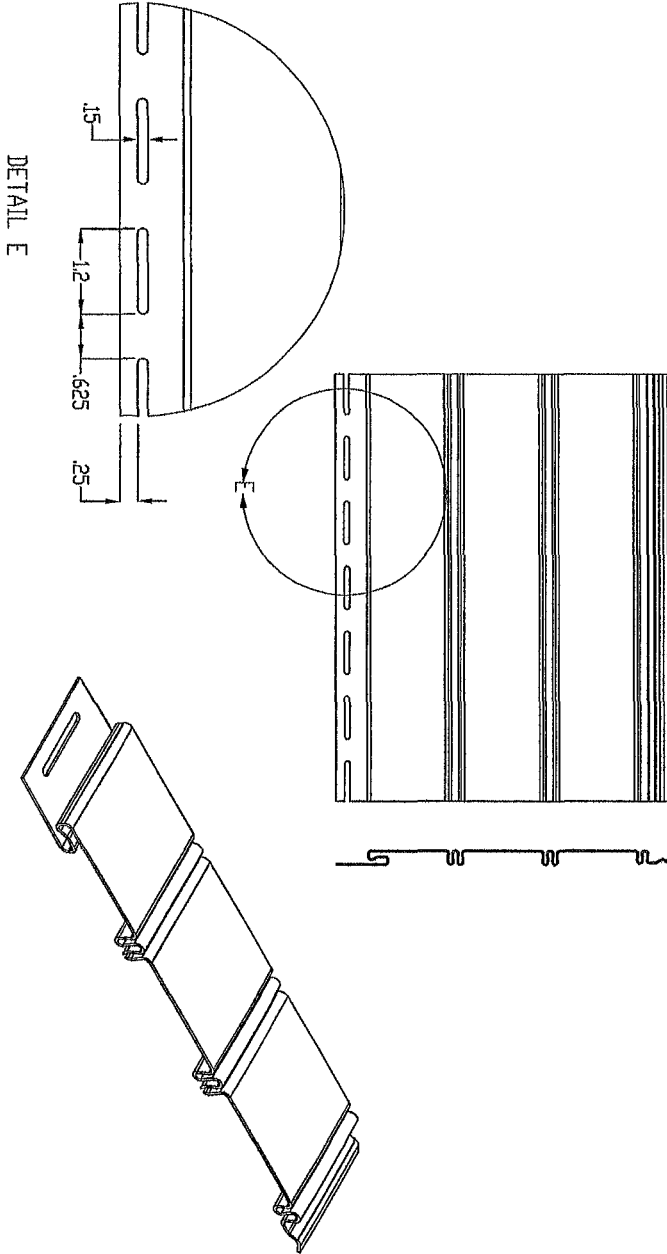
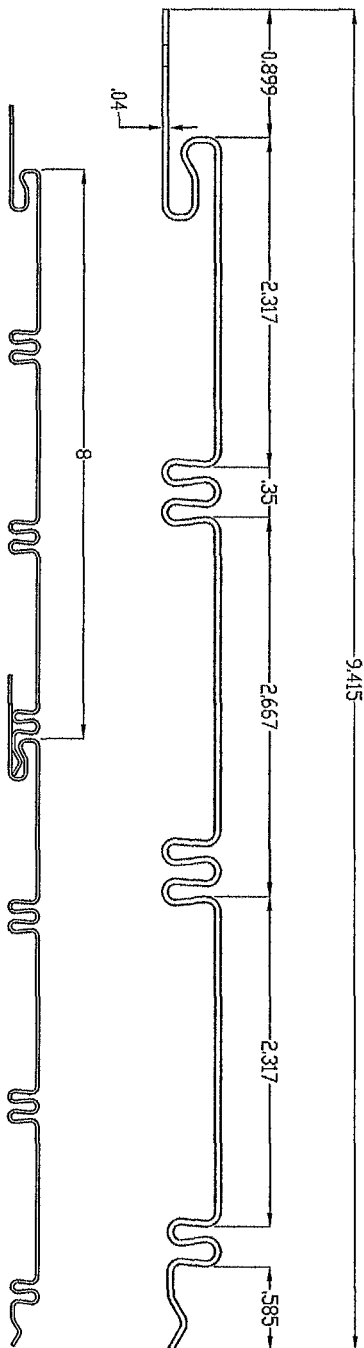
10" DOUBLE 5 VENTED SOFFIT - VINYL

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

No. 49752
STATE OF FLORIDA
PROFESSIONAL ENGINEER

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION 10" DOUBLE 5 SOLID & VENTED SOFFIT - VINYL						
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. Box 620775 Longwood, FL 32762-0775 F&PE Cert. of Auth. No. 25595			DRAWN BY: RJA SCALE: N.T.S. REV: -	DATE: 04/11/13 DRAWING NO: KAY0007 SHEET: 6 OF 15		
			REV	DESCRIPTION	DATE	BY

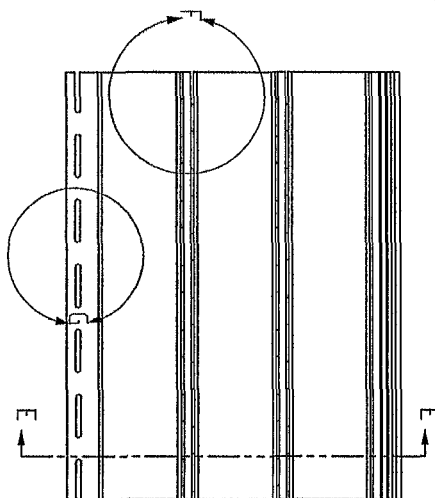
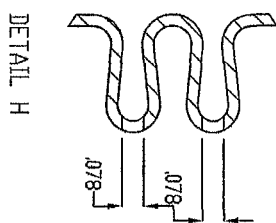
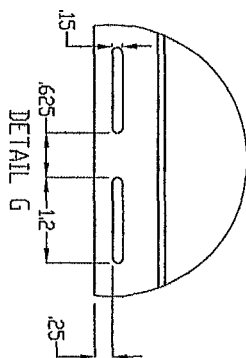
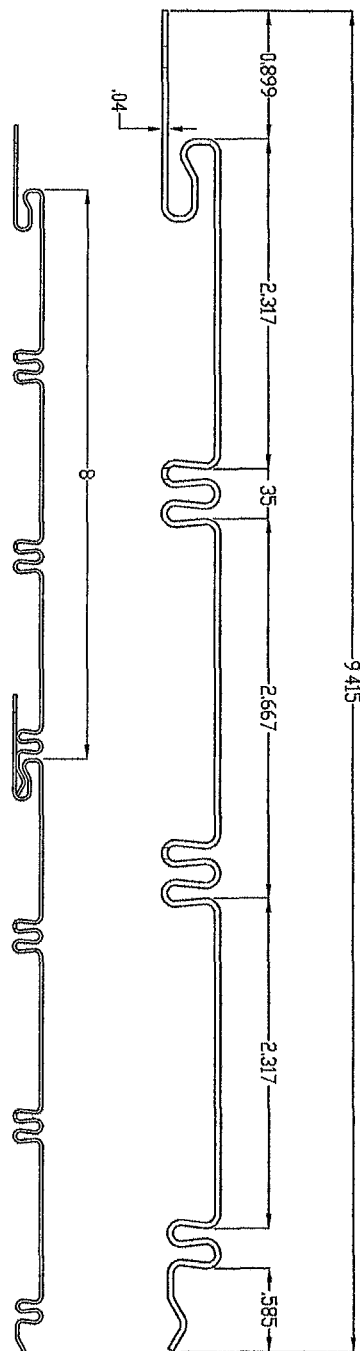
8" BEADED SOLID SOFFIT - VINYL



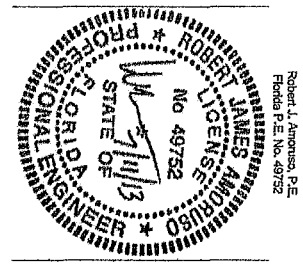
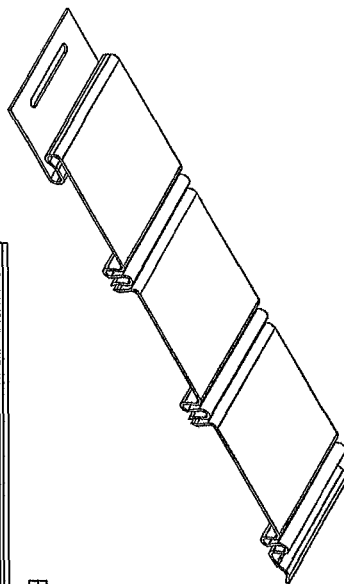
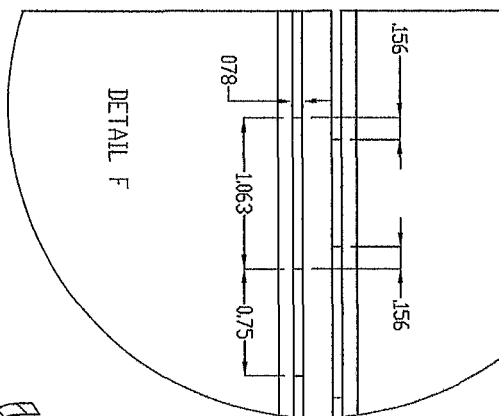
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION 8" BEADED SOLID SOFFIT - VINYL							
PREPARED BY:  PTC PRODUCT DESIGN GROUP, LLC P.O. Box 620715 Longwood, FL 32752-0715 Phone: 407.255.0115 Fax: 407.255.0115 Email: info@ptc-usa.com		DRAWN BY: RJA		DATE: 04/11/13			
		SCALE: N.T.S.		DRAWING NO: KAY0007			
REV: —		SHEET: 7 OF 15		REV	DESCRIPTION	DATE	BY

8" BEADED VENTED SOFFIT - VINYL

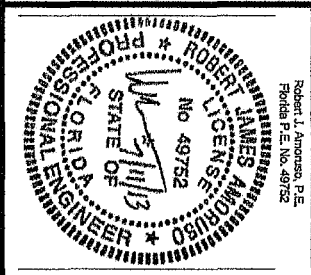
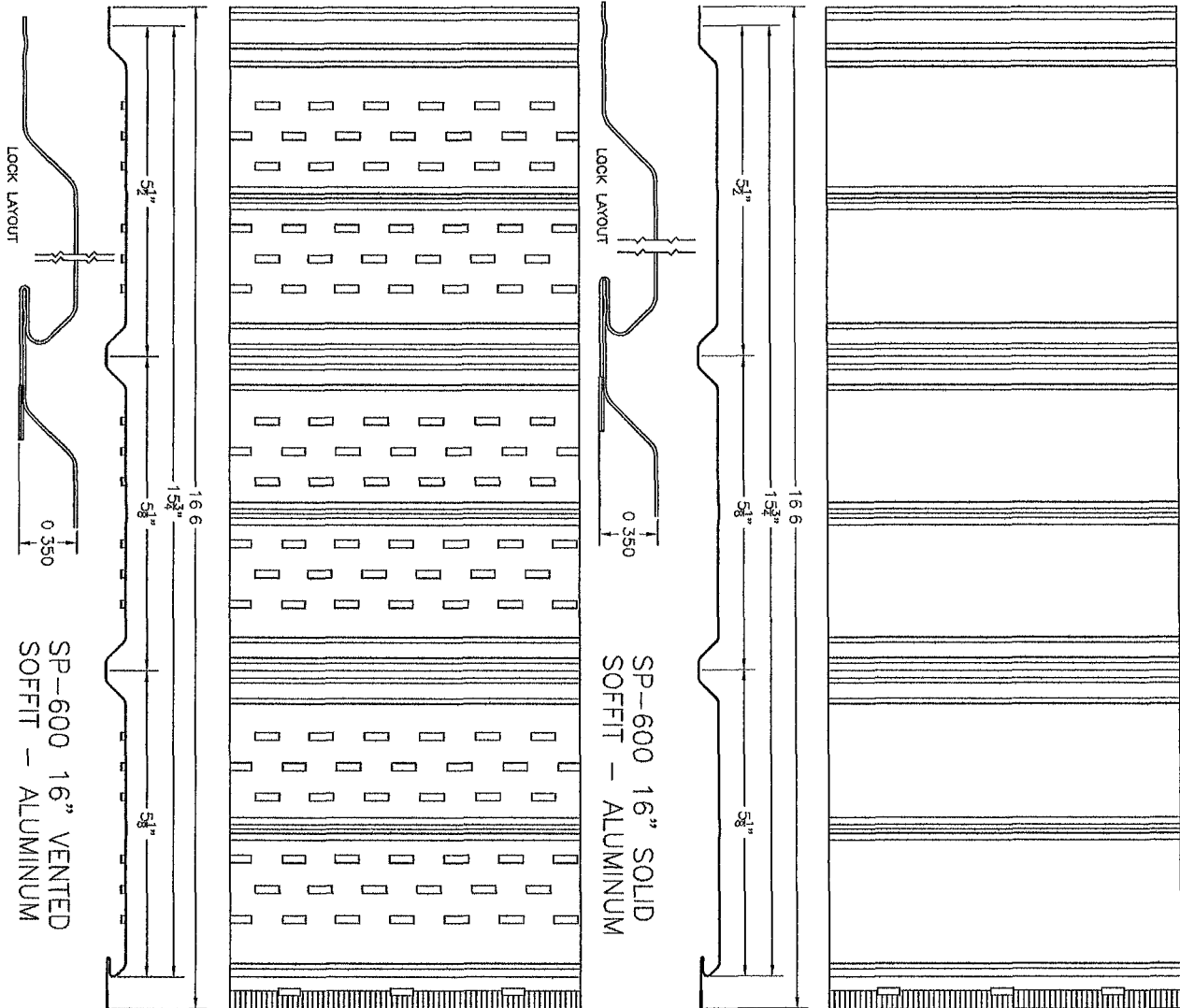


SECT. E-E



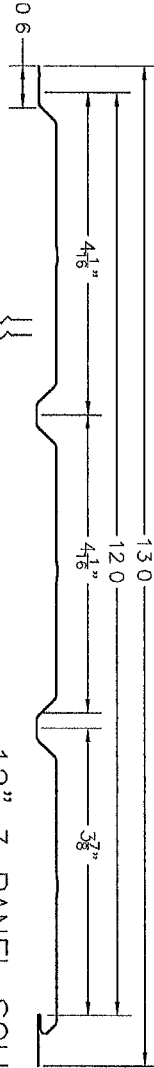
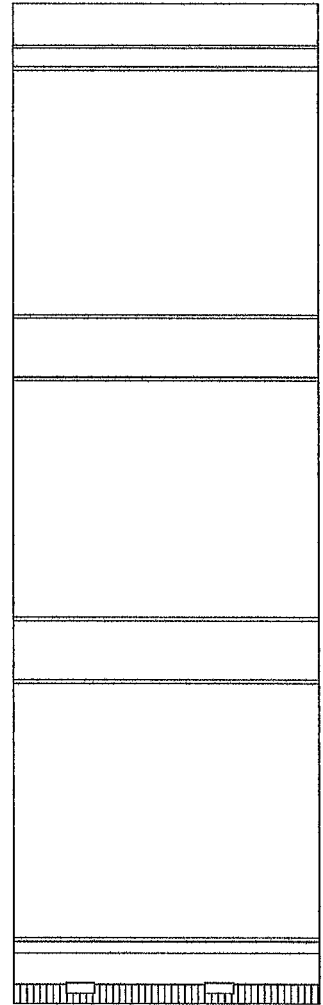
Robert J. Antonucci, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05478		PROJECT #413-0204		
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION 8" BEADED VENTED SOFFIT - VINYL				
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. Box 620775 Longwood, FL 32765-0775 Phone 321.660.1783 Fax 321.660.1703 Email: PTC@ptc-usa.com	DRAWN BY: RJA SCALE: N.T.S. REV:	DATE: 04/11/13 DRAWING NO: KAY0007 SHEET: 8 OF 15	REV	BY
		DESCRIPTION	DATE	

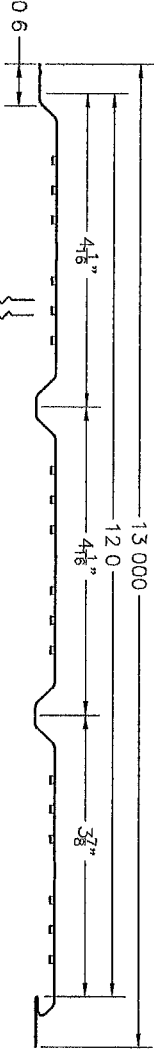
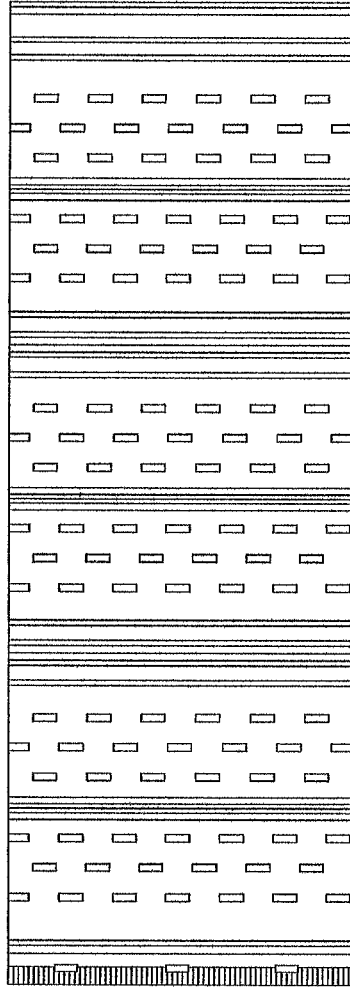


Robert J. Amoruso, P.E.
Florida P.E. No. 49752

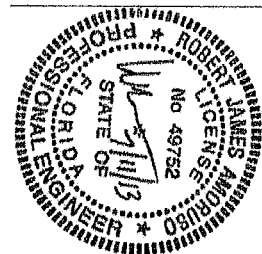
KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION SP-600 16" SOLID & VENTED SOFFIT - ALUMINUM							
PREPARED BY: 		DRAWN BY: RJA		DATE: 04/11/13			
SCALE: N.T.S.		DRAWING NO.: KAY0007					
REV: -		SHEET: 9 OF 15					
REV		DESCRIPTION		DATE		BY	



12" 3 PANEL SOLID
SOFFIT - ALUMINUM

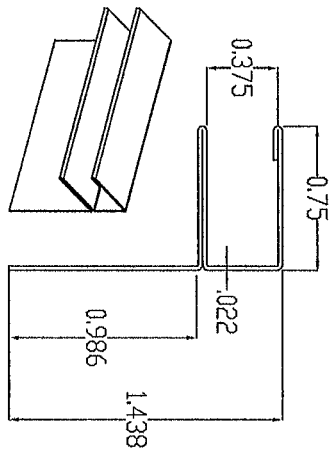


12" 3 PANEL VENTED
SOFFIT - ALUMINUM

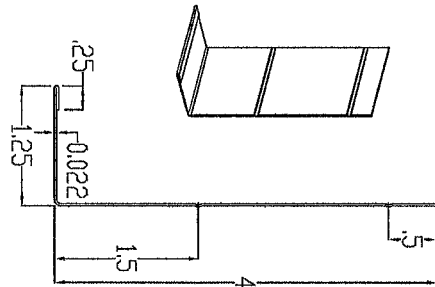


Robert J. Amoroso, P.E.
Florida P.E. No. 49752

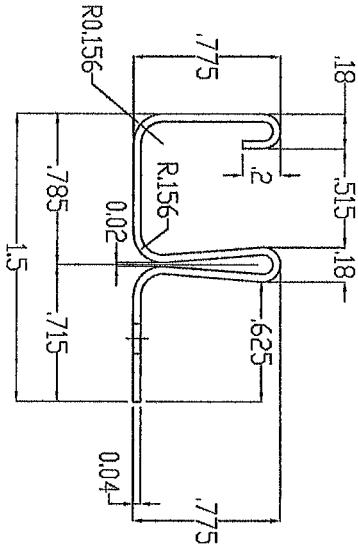
KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			PROJECT #413-0204		
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION 12" 3 PANEL SOLID & VENTED SOFFIT - ALUMINUM					
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. Box 520775 Longwood, FL 32750-0775 Phone 321.260.1763 Fax 321.960.1769 Email: info@ptc-usa.com					
DRAWN BY: RJA SCALE: N.T.S. REV: -			DATE: 04/11/13 DRAWING NO: KAY0007 SHEET: 10 OF 15		
REV			DESCRIPTION	DATE	BY



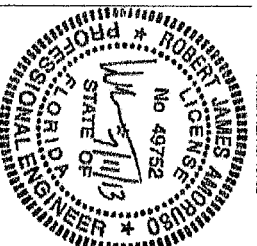
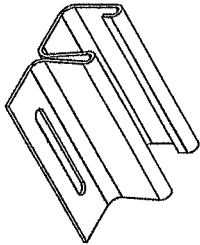
SOFFIT F-CHANNEL/TRIM
ALUMINUM



4" FASCIA SMOOTH
ALUMINUM

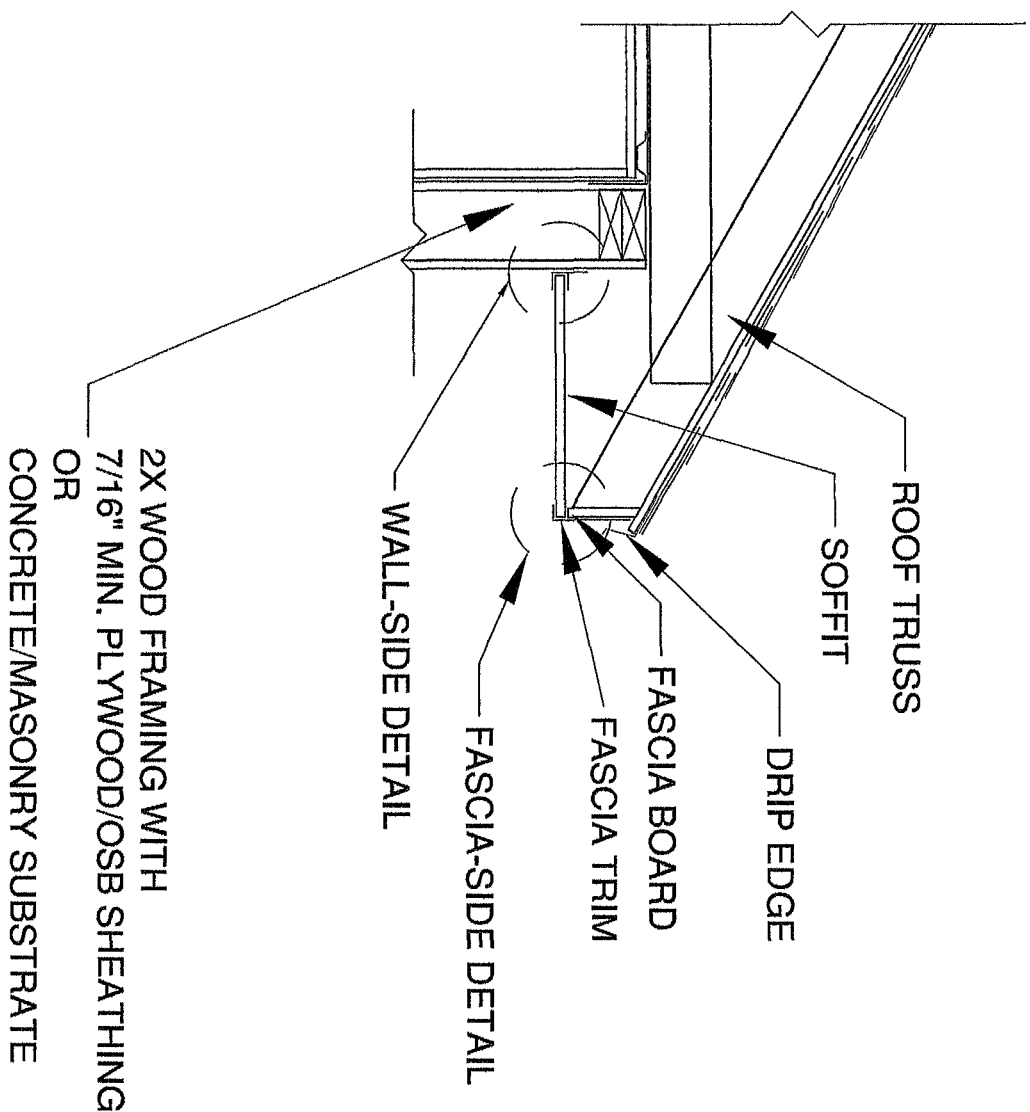


SOFFIT F-CHANNEL/TRIM
VINYL

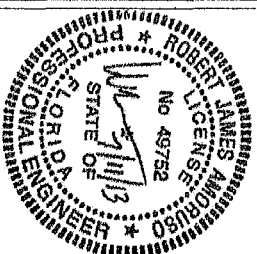


Robert J. Anderson, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION SOFFIT AND FASCIA TRIM							
PREPARED BY:		DRAWN BY:		DATE:			
SCALE:		REVISION:		DRAWING NO:			
REV:		SHEET:		KAY0007			
PTC PTC PRODUCT DESIGN GROUP, LLC P.O. Box 62076 Longwood, FL 32765-0776 Phone 321.680.1788 Fax 321.680.1759 Email: info@ptc-usa.com		11 OF 15		REV	DESCRIPTION	DATE	BY

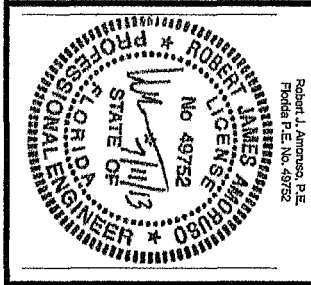
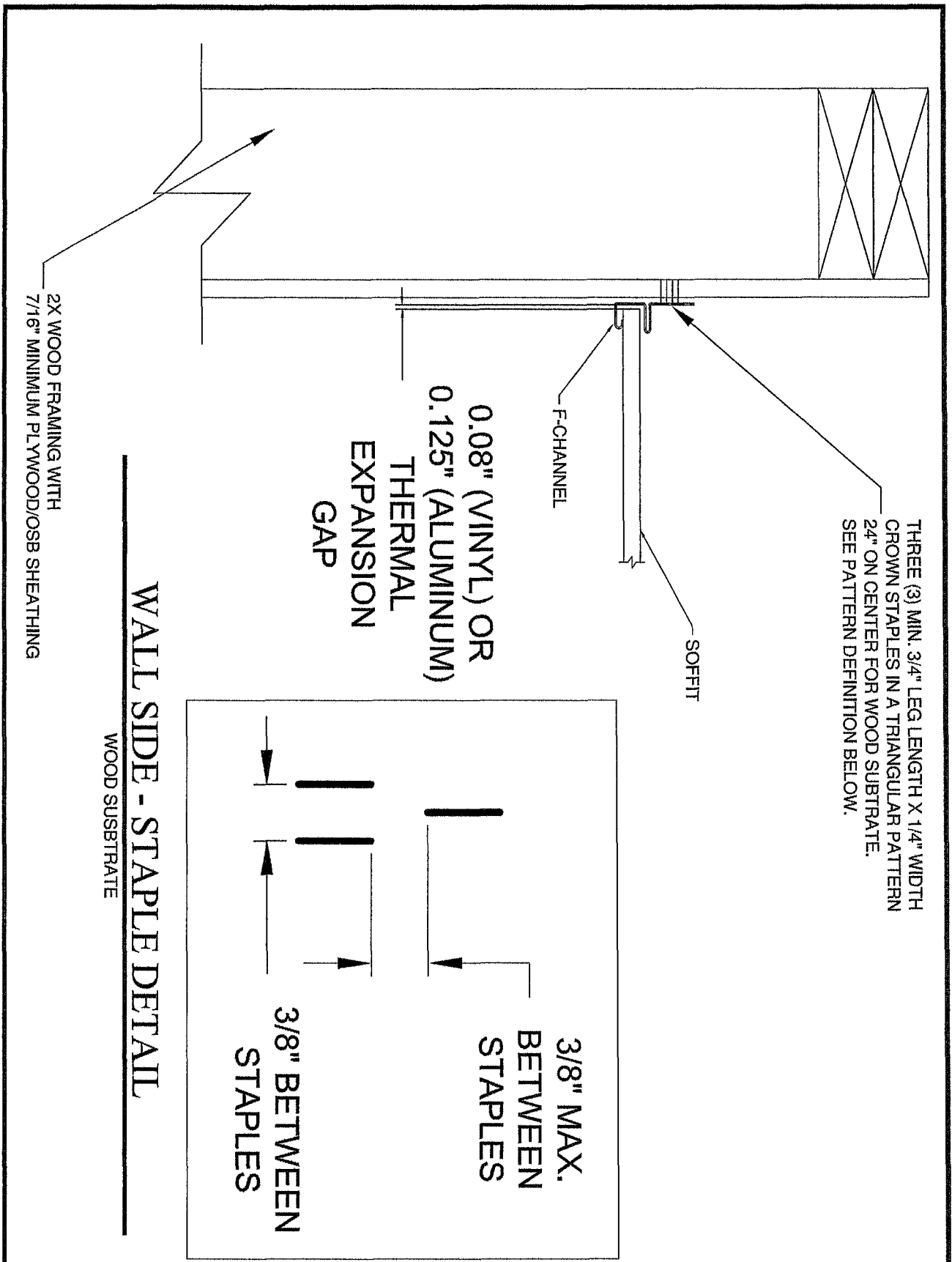


ROOF / WALL INTERFACE DETAIL WOOD OR MASONRY/CONCRETE SUBSTRATE



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

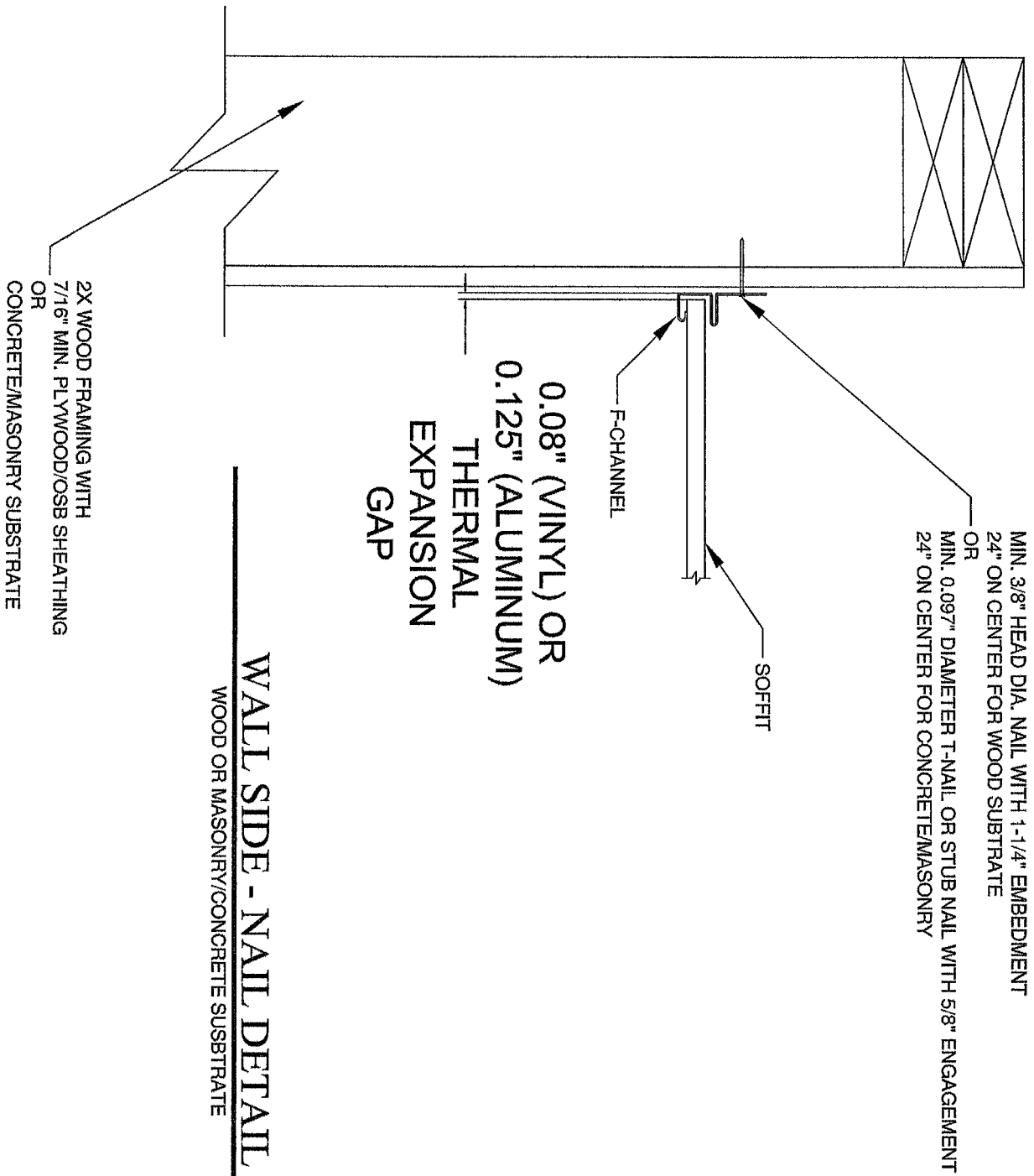
KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			PROJECT #413-0204		
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION SOFFIT INSTALLATION CROSS SECTION					
PREPARED BY: PTC			DRAWN BY: RJA	DATE: 04/11/13	
SCALE: N.T.S.			DRAWING NO: KAY0007		
REV: --			SHEET: 12 OF 15		
			REV	DESCRIPTION	DATE
					BY



Robert J. Amos, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION WALL SIDE - STAPLE DETAIL			
PREPARED BY: PTC PTD PRODUCT DESIGN GROUP, LLC P.O. Box 600715 Longwood, FL 32750-0715 Phone 407.296.1788 Fax 407.296.1789 Email: info@ptc-usa.com	DRAWN BY: RJA	DATE: 04/11/13	SCALE: N.T.S.
REV:	DRAWING NO: KAY0007	SHEET: 13 OF 15	REV

PROJECT #413-0204			
REV	DESCRIPTION	DATE	BY



WALL SIDE - NAIL DETAIL WOOD OR MASONRY/CONCRETE SUBSTRATE

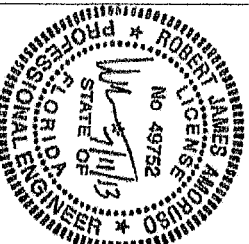
2X WOOD FRAMING WITH
7/16" MIN. PL WOOD/OSB SHEATHING
OR
CONCRETE/MASONRY SUBSTRATE

MIN. 3/8" HEAD DIA. NAIL WITH 1-1/4" EMBEDMENT
24" ON CENTER FOR WOOD SUBSTRATE
OR
MIN. 0.097" DIAMETER T-NAIL OR STUB NAIL WITH 5/8" ENGAGEMENT
24" ON CENTER FOR CONCRETE/MASONRY

F-CHANNEL

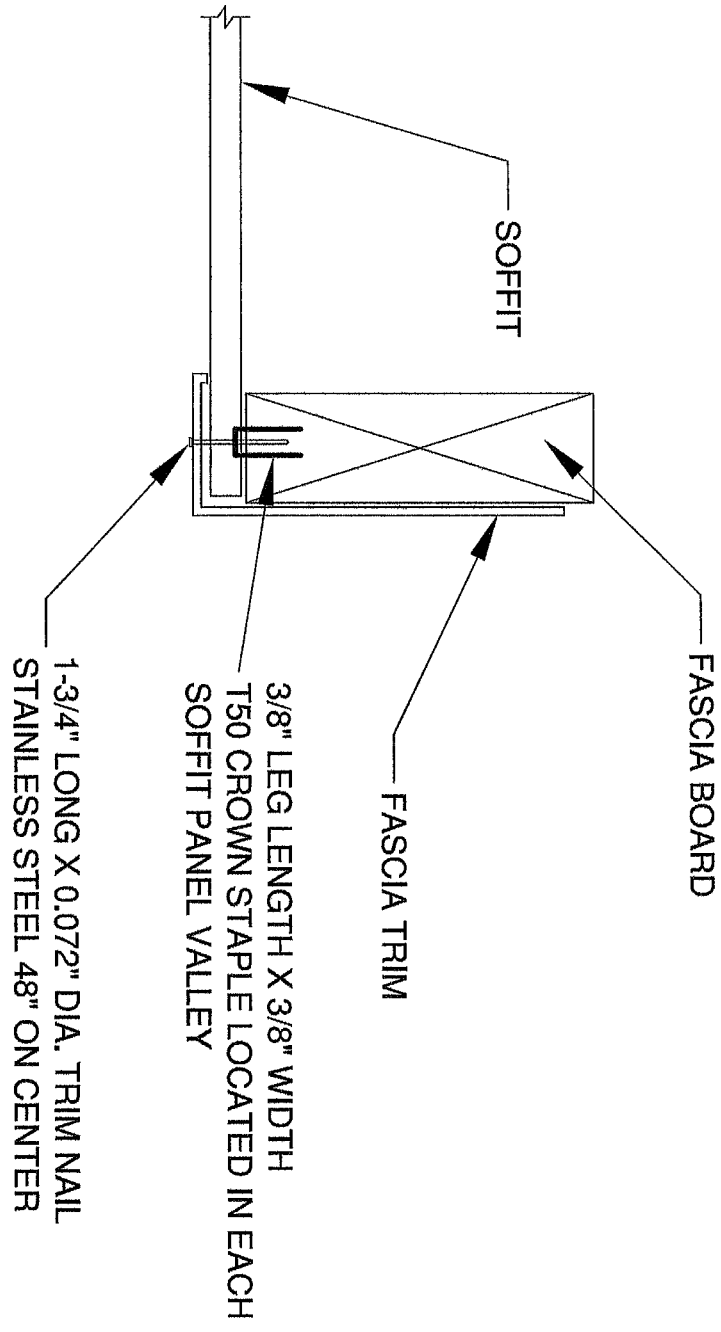
SOFFIT

0.08" (VINYL) OR
0.125" (ALUMINUM)
THERMAL
EXPANSION
GAP



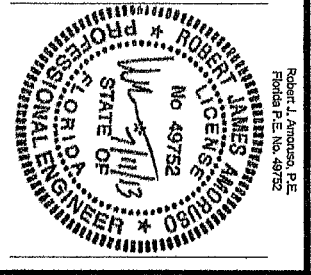
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204		
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION WALL SIDE - NAIL DETAIL						
PREPARED BY: PTC		DRAWN BY: RJA		DATE: 04/11/13		
SCALE: N.T.S.		DRAWING NO: KAY0007				
REV: -		SHEET: 14 OF 15		REV	DESCRIPTION	DATE
						BY



EAVE/FASCIA SIDE DETAIL

WOOD OR MASONRY/CONCRETE SUBSTRATE



Robert J. Anderson, P.E.
Florida P.E. No. 49752

KAYCAN LTD 1 MEMORIAL DRIVE RICHFORD, VT 05476				PROJECT #413-0204			
TITLE: VINYL/PVC AND ALUMINUM SOFFIT INSTALLATION EAVE/FASCIA SIDE DETAIL							
PREPARED BY:  PTC PRODUCT DESIGN GROUP, LLC P.O. Box 650776 Longwood, FL 32750-0776 FBPE Cert. of Auth. No. 20935		DRAWN BY: RJA SCALE: N.T.S. REV: —		DATE: 04/11/13 DRAWING NO: KAY0007 SHEET: 15 OF 15		REV	DESCRIPTION
						DATE	BY



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Product Approval
USER Public User

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FL #	FL3148-R4						
Application Type	Revision						
Code Version	2010						
Application Status	Approved						
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.						
Comments							
Archived	☐						
Product Manufacturer	CertainTeed Corporation Siding Products						
Address/Phone/Email	803 Belden Road Jackson, MI 49203 (517) 780-3185 nell.j.sexton@saint-gobain.com						
Authorized Signature	Nell Sexton nell.j.sexton@saint-gobain.com						
Technical Representative	Nell Sexton						
Address/Phone/Email	803 Belden Road Jackson, MI 49203 (517) 780-3185 nell.j.sexton@saint-gobain.com						
Quality Assurance Representative	Craig Berry						
Address/Phone/Email	1200 Avenue G White City, OR 97503 craig.a.berry@saint-gobain.com						
Category	Panel Walls						
Subcategory	Siding						
Compliance Method	Certification Mark or Listing						
Certification Agency	Miami-Dade BCCO - CER						
Validated By	Robert J M Nieminen, PE						
	☒ Validation Checklist - Hardcopy Received						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </tbody> </table>	Standard	Year	TAS 202	1994	TAS 203	1994
Standard	Year						
TAS 202	1994						
TAS 203	1994						
Equivalence of Product Standards Certified By							
Product Approval Method	Method 1 Option A						
Date Submitted	04/18/2013						
Date Validated	04/18/2013						
Date Pending FBC Approval							
Date Approved	04/22/2013						

Summary of Products		
FL #	Model, Number or Name	Description
3148.1	WeatherBoard Fiber Cement Siding	Non-asbestos fiber cement siding
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +N/A/-115.0 Other: 1) Refer to current NOA. 2) The design pressure in this application applies to one particular assembly, refer to current NOA for design pressures of other assemblies.		Certification Agency Certificate FL3148_R4_C_CAC_NOA_13-0212.02.pdf Quality Assurance Contract Expiration Date 04/24/2018 Installation Instructions FL3148_R4_II_NOA_13-0212.02.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:



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

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Product Approval Accepts:





DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

CertainTeed Corporation (MI)
803 Belden Road
Jackson, MI 49203

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: WeatherBoards Fiber Cement Siding and Soffit

APPROVAL DOCUMENT: Drawing No. 10SBC00164B0000-C through 10SBC00164B0007-C, titled: Fiber Cement Panel/Plank, Fiber Cement Random Square Shapes and Fiber Cement Soffit Installation Details Steel/Wood Stud Construction", sheets 1 through 8, prepared by CertainTeed Corporation, dated 01/24/2002, with the last revision D dated 04/01/2008, signed and sealed by Jose D. Mitrani, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, North Wilkesboro, NC, model/series and the following statements: "ASTM C 1186 Type A compliant" and "Miami-Dade County Product Control Approved" is to be located on each siding unit and per FBC 1915.9.2 and 1915.9.3 on soffit units.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 NOA renews NOA # 11-1014.08 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
03/27/2013

NOA No. 13-0212.02
Expiration Date: April 24, 2018
Approval Date: March 4, 2013
Page 1

CertainTeed Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS *"Submitted under NOA # 08-0213.05"*

1. Drawing No. 10SBC00164B0000-C through 10SBC00164B0007-C, titled: Fiber Cement Panel/Plank, Fiber Cement Random Square Shapes and Fiber Cement Soffit Installation Details Steel/Wood Stud Construction", sheets 1 through 8, prepared by CertainTeed Corporation, dated 01/24/2002, with the last revision D dated 04/01/2008, signed and sealed by Jose D. Mitrani, P.E.

B. TESTS *"Submitted under NOA # 02-0503.01"*

	<u>Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	AT-01-42883.01	ASTM C1185	03/11/03	A. N. Reeves, P.E.
2.	RT-11168-98	ASTM C1185	02/27/02	B. I. Ogawa, P.E.
3.	HETI 01-1058	TAS 202	08/28/01	H. M. Medina, P.E.
4.	HETI 01-1021	TAS 202	06/06/01	H. M. Medina, P.E.
5.	HETI 01-1000	TAS 202	06/01/01	H. M. Medina, P.E.
6.	HETI 01-1036	TAS 203	06/22/01	H. M. Medina, P.E.
7.	HETI 01-1072	TAS 202	09/06/01	H. M. Medina, P.E.
8.	HETI 01-1035	TAS 202	06/22/01	H. M. Medina, P.E.
9.	HETI 01-1023	TAS 202	06/01/01	H. M. Medina, P.E.
10.	HETI 01-1060	TAS 202	08/28/01	H. M. Medina, P.E.
11.	HETI 01-1000	TAS 202	06/01/01	H. M. Medina, P.E.

C. CALCULATIONS *"Submitted under NOA # 08-0213.05"*

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 04/11/2008, prepared, signed and sealed by Jose D. Mitrani, P.E.
2. Fasteners calculations prepared by Jose D. Mitrani, sheets 1 through 19, signed and sealed by Jose D. Mitrani, P.E. *"Submitted under NOA # 02-0503.01"*

D. QUALITY ASSURANCE

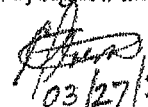
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS *"Submitted under NOA # 11-1014.08"*

1. Statement letter of code conformance to 2007 and 2010 FBC (including ASTM C1186, Type A) issued by Jose D. Mitrani, P.E., dated 12/11/2011, signed and sealed by Jose D. Mitrani, P.E.
2. No financial interest letter issued by Jose D. Mitrani, P.E., dated 04/11/2008, signed and sealed by Jose D. Mitrani, P.E. *"Submitted under NOA # 08-0213.05"*


03/27/2013

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0212.02

Expiration Date: April 24, 2018
Approval Date: March 4, 2013

SEE DETAIL A

PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 13-0212-02
Expiration Date 02/24/2013
By: [Signature]
Miami-Dade Product Control

Product Description

CertainTeed panel material is a non-asbestos fiber
Cement product tested in accordance with ASTM
C-1185 and meeting the requirements of the
Florida Building Code

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 13-0212-02
Expiration Date 02/24/2013
By: [Signature]
Miami-Dade Product Control

Panel Dimensions
Width 48" Length 8'-9.10' Thickness 5/16"

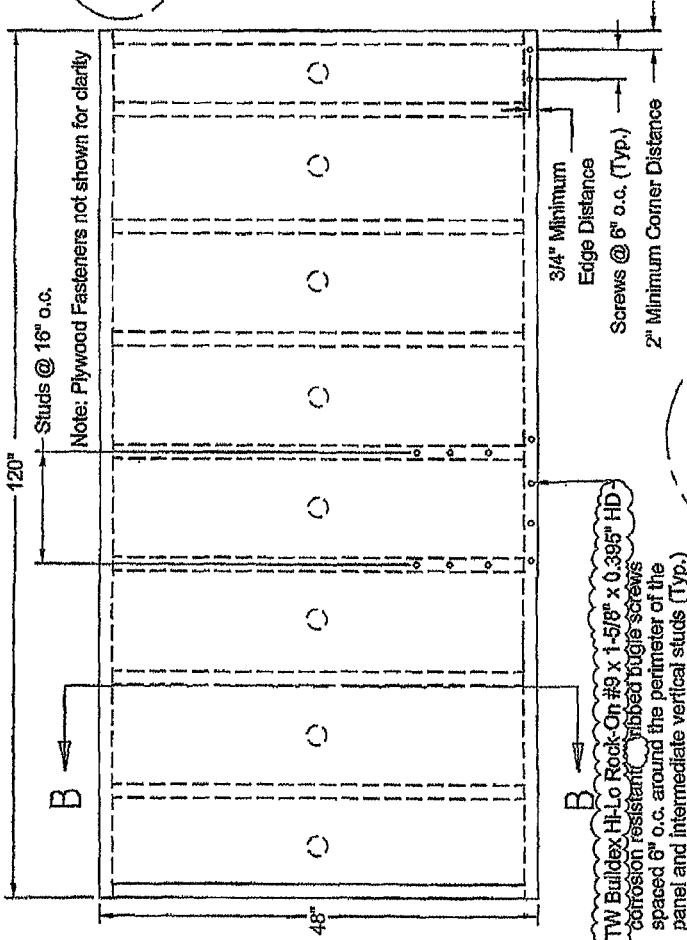
Design Pressure Rating
Installation on: Design Pressure:
Steel Studs -115 PSF
Impact Resistant - Panels installed over 5/8" plywood sheathing

Installation Notes

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Metal studs on to which CertainTeed Fiber Cement Panels will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Panels are to be installed vertically, avoiding horizontal joints, over 5/8" CDX grade APA rated plywood supported by 20 gage x 3-5/8" x 1-3/8" steel studs spaced a maximum of 16" o.c.
4. CertainTeed fiber cement panels shall be fastened with (TW) Buildex Hi-Lo Rock-On #9 x 1-5/8" x 0.395" HD corrosion resistant ribbed bugle screws.
5. Fasteners shall be placed 6" o.c. around the perimeter of the panel and intermediate vertical studs, driven through the plywood sheathing into the studs. All joints shall be over studs and screws shall have a minimum edge distance of 3/4" and minimum clearance of 2" from the corners

SECTION B-B

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 13-0212-02
Expiration Date 02/24/2013
By: [Signature]
Miami-Dade Product Control



5/8" CDX Grade Plywood Sheathing Mechanically Fastened To Studs with #8 x 1-1/4" Rock-On SDS Fasteners (By Others)

Weatherproofing Per 2121.6.2 Of F.B.C.

CertainTeed Fiber Cement Panel

DETAIL A

(TW) Buildex Hi-Lo Rock-On #9 x 1-5/8" x 0.395" HD corrosion resistant ribbed bugle screws spaced 6" o.c. around the perimeter of the panel and intermediate vertical studs

General Notes

1. Wall receiving Fiber Cement Panels shall be checked for structural adequacy (By Others)
2. Walls shall be weather proofed with the equivalent of 15 pound felt as described in section 2121.6.2 of the F.B.C.

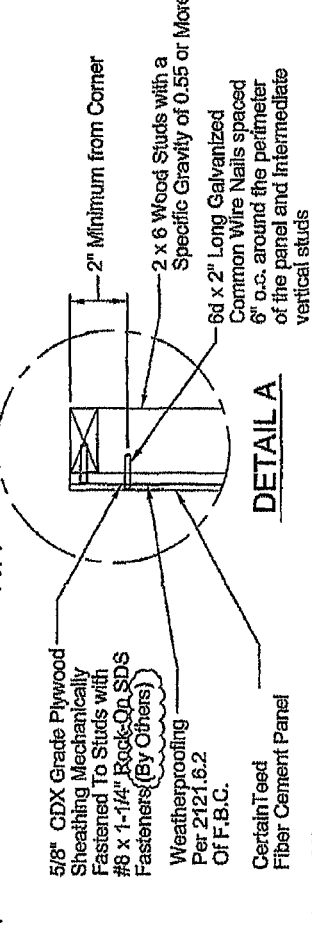
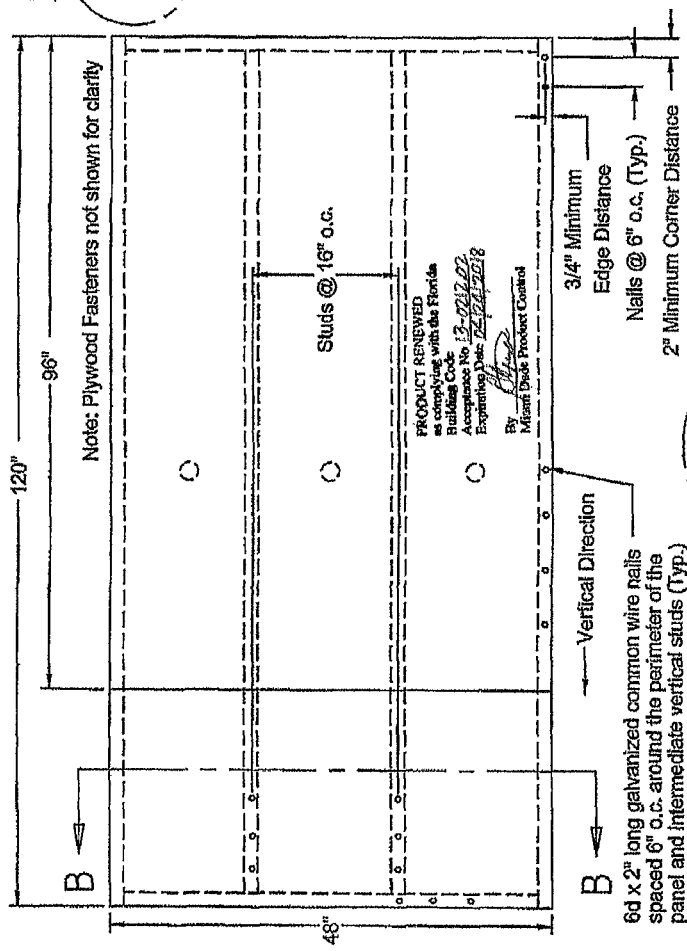
Joel D. Alford P.E.
1100 SW 128th Ave
Suite 200
Ft. Lauderdale, FL 33325

REVISION	DATE	BY	DESCRIPTION
C	06/29/02	RA	ECCO 7/31/2002 REVIEW
D	04/01/08	NJS	REV 2007 FBC

CertainTeed
CROSS CERTAINTEED CORPORATION

THIS FIBER CEMENT PANEL INSTALLATION DETAILS
STEEL STUD CONSTRUCTION

DATE: 01/24/02 DRAWN BY: B. SHAW
SHEET: 1 OF 8
SCALE: NONE
10SBC00164B0000-C



General Notes

1. Wall receiving Fiber Cement Panels shall be checked for structural adequacy (By Others)
2. Walls shall be weather proofed with the equivalent of 15 pound felt as described in section 2121.6.2 of the F.B.C.

SEE DETAIL A

Product Description
 CertainTeed panel material is a non-asbestos Fiber Cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code

Panel Dimensions

Width	Length	Thickness
48"	8' 9", 10'	5/16"

Design Pressure Rating
 Installation on: Design Pressure:
 Wood Studs (73 PSF)
 Impact Resistant - Panels installed over 5/8" plywood sheathing

Installation Notes
 1. All Installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
 2. Wood studs on to which CertainTeed Fiber Cement Panels will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.

3. joints, over 5/8" CDX grade APA rated plywood supported by 2 x 6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
4. CertainTeed Fiber Cement Panels shall be fastened with 6d x 2" long galvanized common wire nails.
5. Fasteners shall be placed 6" o.c. around the perimeter of the panel and intermediate vertical studs, driven through the plywood sheathing into the studs. All joints shall be over studs and nails shall have a minimum edge distance of 3/4" and minimum clearance of 2" from the corners.

SECTION B-B

PRODUCT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 13-2212-22
 Expiration Date 12-31-2018
 By: Miami Dade Product Control Division

REVISION	DATE	BY	DESCRIPTION
C	08/23/02	RA	BCCO 7/31/2002 REVIEW
D	04/01/08	NJS	Rev. 2007 FBC

CertainTeed
 FIBER CEMENT PANEL INSTALLATION DETAILS

DATE: 01/24/02
 SHEET: 2 OF 8
 SCALE: NONE

DESIGNED BY: B. SHAW
 DRAWING NUMBER: 10SBC00164B0001-C

Handwritten signature: J. D. Smith

Product Description

CertainTeed plank material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

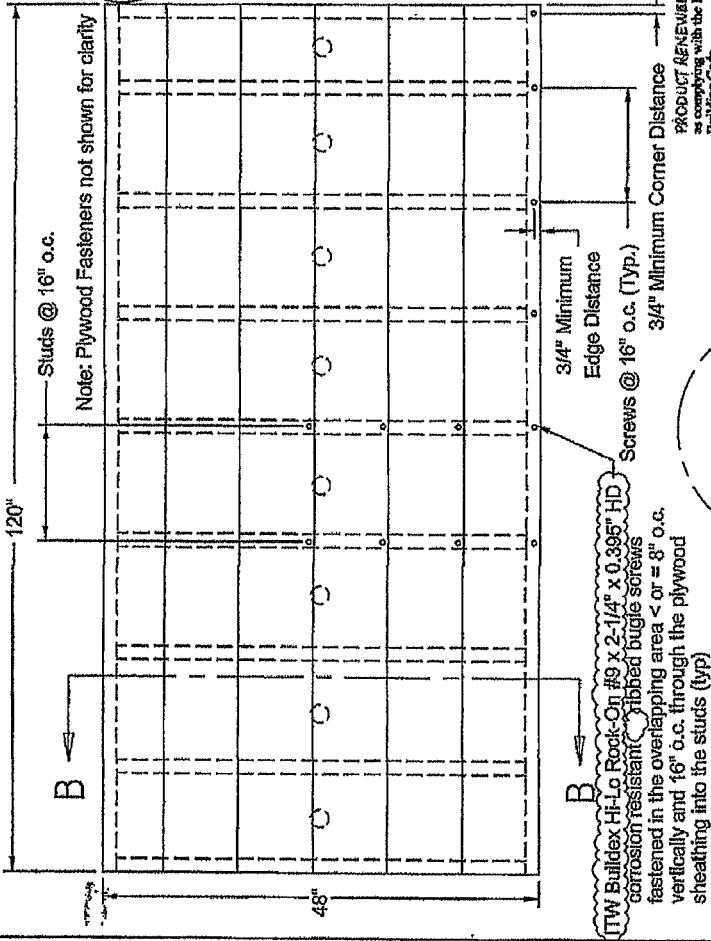
Plank Dimensions
Width 12"
Length 12'
Thickness 5/16"

Design Pressure Rating
Installation: Design Pressure:
Steel Studs -92 PSF
Impact Resistant - Planks installed over 5/8" plywood sheathing

Installation Notes

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Metal studs on to which CertainTeed Fiber Cement Planks will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Planks are to be installed horizontally commencing from the bottom course of a wall with 1-1/4" wide laps at the top of the plank. The vertical joints must be over framing members. Optional PVC butt joint inserts are used for on-stud joining. Planks are to be installed over 5/8" CDX grade APA rated plywood supported by 20 gage x 3-5/8" x 1-3/8" steel studs spaced a maximum of 16" o.c.
4. CertainTeed fiber cement planks shall be fastened through the overlapping planks with (TW) Buildex Hi-Lo Rock-On #9 x 2-1/4" x 0.395" HD corrosion resistant ribbed bugle screws.
5. The fasteners shall be placed in the overlapping area ≤ 8" o.c. vertically and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4".

SEE DETAIL A



SECTION B-B

PRODUCT REVIEWED
As complying with Florida Building Code
Acceptance No. 13-0212-02
Expiration Date 12/31/2012
By: [Signature]
Miami Trade Product Control Division

PRODUCT REVIEWED
As complying with the Florida Building Code
Acceptance No. 13-0212-02
Expiration Date 12/31/2012
By: [Signature]
Miami Trade Product Control

REVISION	DATE	BY	DESCRIPTION
C	08/23/02	RA	BCCO 7/31/2002 REVIEW
D	04/01/08	NJS	Rev. 2007 FBC

CertainTeed FIBER CEMENT PLANK INSTALLATION DETAILS	
STEEL STUD CONSTRUCTION	
DATE	01/24/02
DRAWN BY	B. SHAW
SHEET	3 OF 8
SCALE	NONE
DRAWING NUMBER 10SBC0016450002-C	

DETAIL A

(TW) Buildex Hi-Lo Rock-On #9 x 2-1/4" x 0.395" HD corrosion resistant ribbed bugle screws fastened in the overlapping area < or = 8" o.c. vertically and 16" o.c. through the plywood sheathing into the studs

5/8" CDX Grade Plywood Sheathing Mechanically Fastened To Studs with #8 x 1-1/4" Rock-On SDS Fasteners (By Others)

3-5/8" x 1-3/8" x .031" 20 Gage Steel Studs

CertainTeed Fiber Cement Plank

General Notes

1. Wall receiving Fiber Cement Planks shall be checked for structural adequacy (By Others)
2. Walls shall be weather proofed with the equivalent of 15 pound felt as described in section 2121.6.2 of the F.B.C.

SECTION B-B

SEE DETAIL A

PRODUCT REVIEWED
at compliance with the Florida
Building Code
Acceptance No. 13-0712-07
Expiration Date 12/31/2013
By: [Signature]
Miami Trade Product Control

Product Description
CertainTeed random square material is a non-asbestos Fiber
Cement product tested in accordance with ASTM
C-7186 and meeting the requirements of the
Florida Building Code.

PRODUCT REVIEWED
at compliance with the Florida
Building Code
Acceptance No. 11-1014-08
Expiration Date 12/31/2013
By: [Signature]
Miami Trade Product Control

Plank Dimensions	Length	Thickness
Width	4'	5/16"

Design Pressure Rating
Installation on: Design Pressure:
Steel Studs -95 PSF
Impact Resistant - Planks installed over 5/8" plywood sheathing

Installation Notes

- All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
- Metals studs on to which CertainTeed Fiber Cement Random Square Shapes will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
- Random Square Shapes are to be installed horizontally commencing from the bottom course of a wall. The vertical joints must be over framing members. Overlap dimension is 9"
- Random Square Shapes are to be installed over 5/8" CDX grade APA rated plywood supported by 20 gage x 3-5/8" x 1-3/8" steel studs spaced a maximum of 16" o.c.
- CertainTeed Fiber Cement Random Shapes shall be fastened through the overlapping planks with TW Buildex Hi-Lo Rock-On #9 x 2-1/4" x 0.395" HD corrosion resistant ribbed bugle screws.
- The fasteners shall be placed in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4". Vertical spacing not to exceed 8" o.c.

5/8" CDX Grade
Plywood Sheathing
Mechanically Fastened
To Studs

Weatherproofing
Per 2121.6.2
Of F.B.C.

20 Gage
Steel Studs

CertainTeed Fiber
Cement Random
Square Shapes

PRODUCT REVIEWED
at compliance with the Florida
Building Code
Acceptance No. 08-0212-05
Expiration Date 04/24/2013
By: [Signature]
Miami Trade Product Control

John P. Nrean P.E.
Professional Engineer
Mech. Elec. Plumb.
Lic. No. 131100
Exp. 12/31/2018

[Signature]

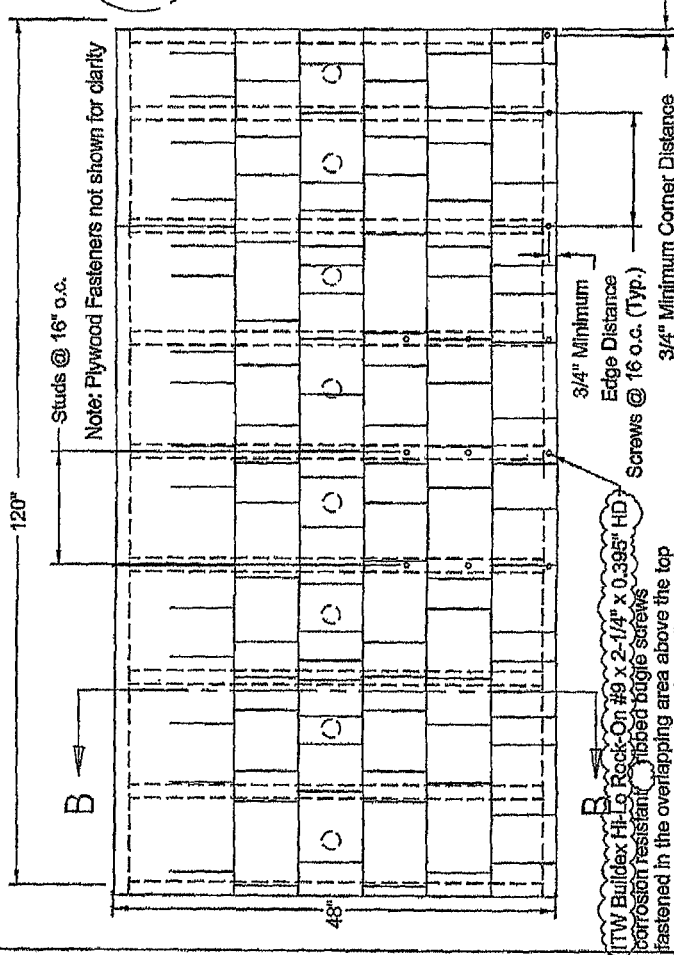
REVISION	DATE	BY	DESCRIPTION
C	08/29/02	RA	BCCO 7131/2002 REVIEW
D	04/01/08	NJS	Rev. 2007 FBC

CertainTeed
certainteed.com

5/8" Plywood Sheathing
Mechanically Fastened
To Steel Studs
Weather-Resistive

TITLE	FIBER CEMENT RANDOM SQUARE SHAPES INSTALLATION DETAILS: STEEL STUD CONSTRUCTION
DATE	01/24/02
SHEET	5 OF 8
DRAWING NUMBER	10SB000164B0004-C
SCALE	NONE

SECTION B-B



3-5/8" x 1-3/8" x .031"
20 Gage Steel Studs

5/8" CDX Grade Plywood
Sheathing Mechanically
Fastened To Studs with
#8 x 1-1/4" Rock-On SDS
Fasteners (By Others)
Weatherproofing
Per 2121.6.2
Of F.B.C.

DETAIL A

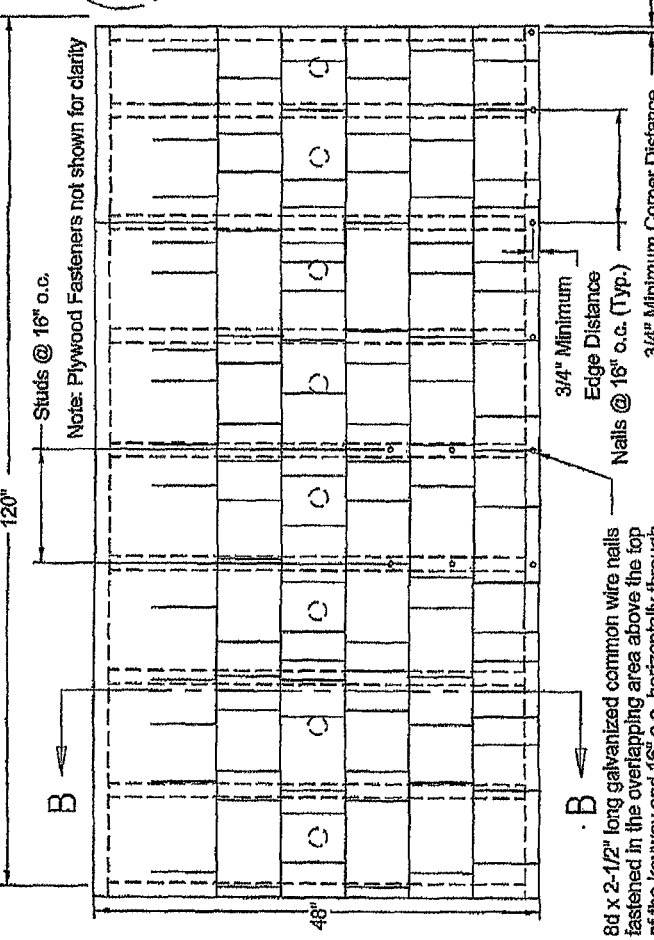
Tw Buildex Hi-Lo Rock-On #9 x 2-1/4" x 0.395" HD
corrosion resistant ribbed bugle screws
fastened in the overlapping area above the top
of the keyway and 16" o.c. horizontally through
the plywood sheathing into the studs

CertainTeed Fiber Cement
Random Square Shapes

General Notes

- Wall receiving Fiber Cement Random Square Shapes shall be checked for structural adequacy (By Others)
- Walls shall be weather proofed with the equivalent of 15 pound felt as described in section 2121.6.2 of the F.B.C.

SEE DETAIL A



Product Description
 CertainTeed random square material is a non-asbestos Fiber Cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code.

Plank Dimensions
 Width 16" Length 4' Thickness 5/16"

Design Pressure Rating
 Installation on: Design Pressure: Wood Studs (90) PSF
 Impact Resistant - Planks installed over 5/8" plywood sheathing

Installation Notes
 1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
 2. Wood studs on to which CertainTeed Fiber Cement Square Shapes will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
 3. Random Square Shapes are to be installed horizontally commencing from the bottom course of a wall. The vertical joints must be over framing members. Overall dimension is 9".
 4. Random Square Shapes are to be installed over 5/8" CDX grade APA rated plywood supported by 2 x 6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
 5. Random Square Shapes shall be fastened through the overlapping planks with 8d x 2-1/2" galvanized common wire nails.
 6. The fasteners shall be placed in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing into the studs. Screws shall have a minimum edge distance of 3/4". Vertical spacing not to exceed 8" o.c.

Weatherproofing
 Per 2121.6.2 Of F.B.C.

CertainTeed Fiber Cement Random Square Shapes

2 x 6 Wood Studs

8d x 2-1/2" long galvanized common wire nails

5/8" CDX Grade Plywood Sheathing Mechanically Fastened To Studs

1/4" Rock-on SDS Fasteners (By Others)

Weatherproofing Per 2121.6.2 Of F.B.C.

CertainTeed Fiber Cement Random Square Shapes

8d x 2-1/2" long galvanized common wire nails fastened in the overlapping area above the top of the keyway and 16" o.c. horizontally through the plywood sheathing

DETAIL A

General Notes
 1. Wall receiving Fiber Cement Random Square Shapes shall be checked for structural adequacy (By Others)
 2. Walls shall be weather proofed with the equivalent of 15 pound felt as described in section 2121.6.2 of the F.B.C.

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

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 Building Code
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 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
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 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

Product Reviewed
 Building Code
 Acceptance No. 13-0113-02
 Expiration Date 12/31/2013
 By Miami Trade Product Control

REVISION	DATE	BY	DESCRIPTION
C	08/28/02	RA	BCCO 7/8-1/2002 REVIEW
D	04/01/08	NJS	Rev. 2007 FBC

CertainTeed FIBER CEMENT CORPORATION		Sales Product Group Technology Center Jackson, Michigan 48203	
TIME: FIBER CEMENT RANDOM SQUARE SHAPES INSTALLATION			
DETAILS: WOOD STUD CONSTRUCTION			
DATE	01/24/02	DRAWN BY	B. SHAW
SHEET	6 OF 8	DRAWING NUMBER	10SBC00164B0005-C
SCALE		NONE	

SEE DETAIL A

Product Description
CertainTeed Soffit material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 11-1014-08
Expiration Date 12/31/2013
By: [Signature]
Miami/Dade Product Control

Soffit Dimensions
Width: $\leq 24"$ Length: 12' Thickness: $5/16"$

Design Pressure Rating
Installation In: Design Pressure:
Steel Studs -70 PSF

Installation Notes

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Metal studs on to which CertainTeed Fiber Cement Soffit will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Soffits are to be installed over 20 gage x 3-5/8" x 1-3/8" steel studs spaced a maximum of 16" o.c.
4. CertainTeed Fiber Cement Soffit shall be fastened with ITW Buildex S-12 #8 x 1-1/4" x 0.315"(HD) corrosion resistant ribbed bugle screws.
5. Fasteners shall be placed 4" o.c. around the perimeter of the panel and intermediate wall. All joints shall be over studs, screws shall have a minimum edge distance of 3/4" and minimum clearance of 2" from the corners.

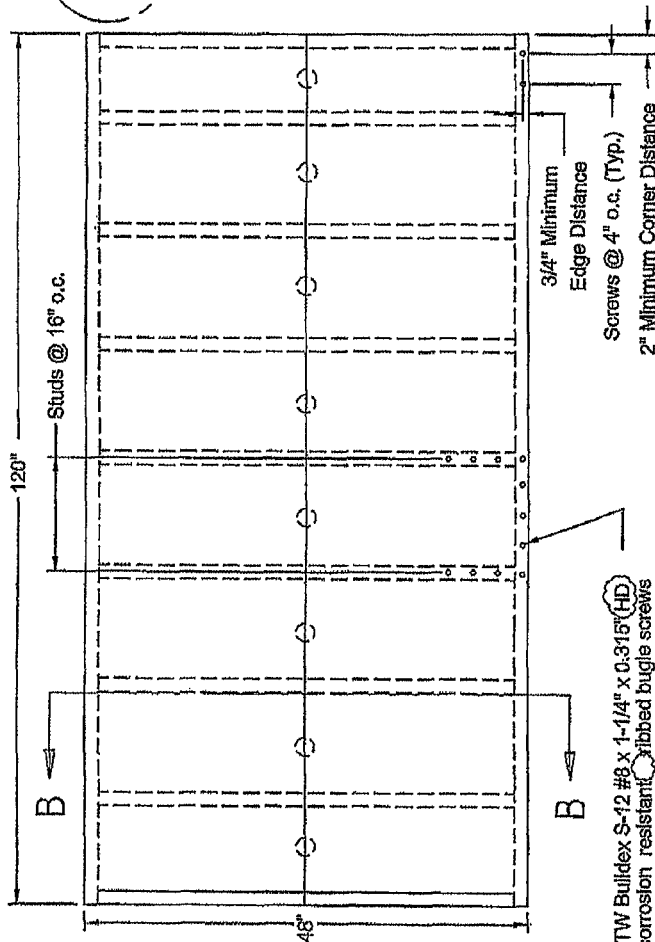
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 13-0312-02
Expiration Date 12/31/2013
By: [Signature]
Miami/Dade Product Control

20 Gage Steel Studs

CertainTeed Fiber Cement Soffit

SECTION B-B

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 13-0312-02
Expiration Date 12/31/2013
By: [Signature]
Miami/Dade Product Control



ITW Buildex S-12 #8 x 1-1/4" x 0.315"(HD) corrosion resistant ribbed bugle screws placed 4" o.c. around the perimeter of the soffit and intermediate wall (Typ)

ITW Buildex S-12 #8 x 1-1/4" x 0.315"(HD) corrosion resistant ribbed bugle screws placed 4" o.c. around the perimeter of the soffit and intermediate wall.

CertainTeed Fiber Cement Soffit

3-5/8" x 1-3/8" x .031" 20 Gage Steel Studs

DETAIL A

General Notes

1. Studs receiving Fiber Cement Soffit shall be checked for structural adequacy (By Others)

Scott D. Minardi P.E.
Structural Engineer
Miami, Florida 33186
FPA Eng. & PE 18842

DESCRIPTION

Q 08/23/02 RA BCCO 7/31/2002 REVIEW

D 04/07/08 NJS Rev. 2007 FBC

CertainTeed
FIBER CEMENT SOFFIT
CORROSION RESISTANT

Being Products Corp.
1000 E. 10th Ave.
Jacksonville, FL 32203

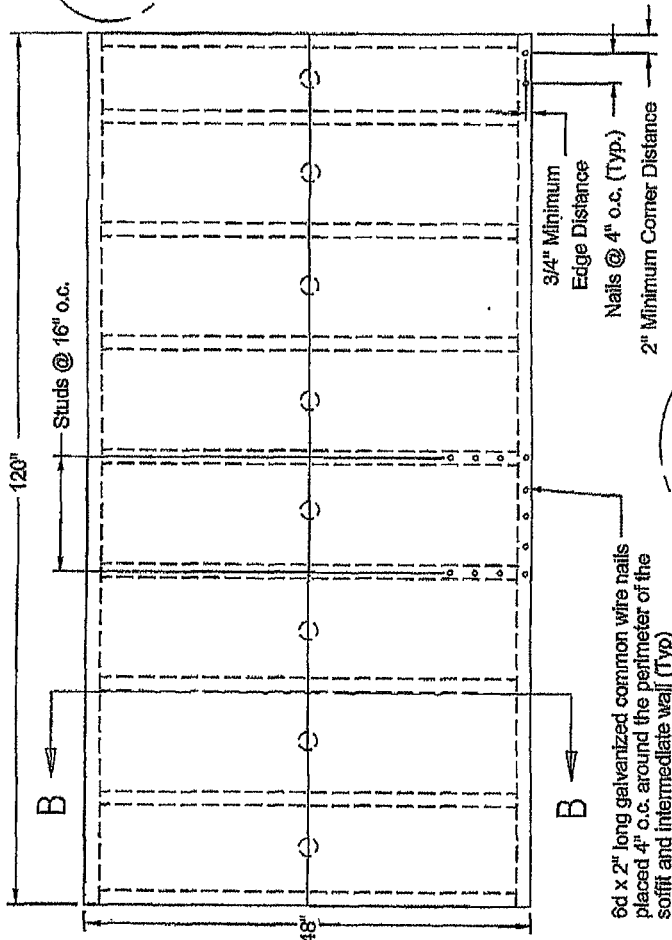
TITLE: FIBER CEMENT SOFFIT INSTALLATION DETAILS
STEEL STUD CONSTRUCTION

DATE: 01/24/02 DRAWN BY: B. SHAW

SHEET: 7 OF 8 CORRESPONDING NUMBER:

SCALE: NONE 105BC00164B0006-C

SEE DETAIL A



Product Description

CertainTeed Soffit material is a non-asbestos fiber cement product tested in accordance with ASTM C-1185 and meeting the requirements of the Florida Building Code

Soffit Dimensions		
Width	Length	Thickness
≤ 24"	12'	5/16"

Design Pressure Rating
Installation on: Wood Studs
Design Pressure: -70 PSF

PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 12-0212-02
Expiration Date: 12/31/2012
By: [Signature]
Miami/Dade Product Control

PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 11-1014-02
Expiration Date: 12/31/2012
By: [Signature]
Miami/Dade Product Control

Installation Notes

1. All installation shall be done in conformance with this Notice of Acceptance, the manufacturer's installation recommendations and the requirements of the Florida Building Code.
2. Wood studs on to which CertainTeed Fiber Cement Soffit will be installed shall be designed by a Registered Professional Engineer or Licensed Architect per the F.B.C. and the requirements of this N.O.A.
3. Soffits are to be installed over 2 x 6 wood studs with a specific gravity of 0.55 or more spaced a maximum of 16" o.c.
4. CertainTeed Fiber Cement Soffit shall be fastened with 6d x 2" long galvanized common wire nails.
5. Fasteners shall be placed 4" o.c. around the perimeter of the panel and intermediate wall. All joints shall be over studs, screws shall have a minimum edge distance of 3/4" and minimum clearance of 2" from the corners.

2 x 6 Wood Studs
CertainTeed Fiber Cement Soffit

SECTION B-B

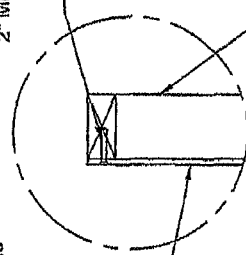
PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 02-0212-05
Expiration Date: 12/31/2012
By: [Signature]
Miami/Dade Product Control

6d x 2" long galvanized common wire nails placed 4" o.c. around the perimeter of the soffit and intermediate wall.

CertainTeed Fiber Cement Soffit

2 x 6 Wood Studs with a Specific Gravity of 0.55 or More

DETAIL A



General Notes

1. Studs receiving Fiber Cement Soffit shall be checked for structural adequacy (By Others)

Jerald D. Herold P.E. 10842 SW 125th Ave. Miami, FL 33186 P: 781-211-1100	REVISION C 06/29/02 D 04/01/08	DATE 06/29/02 04/01/08	BY RA NJS	DESCRIPTION BCCO 7/31/2002 REVIEW Rev. 2007 FBC
CertainTeed 6000 CERTAINTED CORPORATION				
TITLE: FIBER CEMENT SOFFIT INSTALLATION DETAILS WOOD STUD CONSTRUCTION				
DATE: 01/24/02 DRAWN BY: B. SHAW				
SHEET: 8 OF 8 DRAWING NUMBER: 10SBC00164B0007-C				
SCALE: NONE				



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Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

FL #	FL12716-R2
Application Type	Revision
Code Version	2010
Application Status	Approved
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
Comments	
Archived	[]
Product Manufacturer	Magnolia Window & Door
Address/Phone/Email	420 Industrial Boulevard Baldwin, GA 30511 (706) 778-1200 landerson@magnoliawindow.com
Authorized Signature	Luis Lomas rlomas@lrlomaspe.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing
Certification Agency	Keystone Certifications, Inc
Validated By	Keystone Certifications, Inc.
Referenced Standard and Year (of Standard)	<u>Standard</u> AAMA/WDMA/CSA 101/IS2/A440
	<u>Year</u> 2005
Equivalence of Product Standards	
Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	06/06/2013
Date Validated	06/10/2013
Date Pending FBC Approval	
Date Approved	06/12/2013

Summary of Products

FL #	Model, Number or Name	Description
12716 1	SH300 SINGLE HUNG	SH 300 PVC SINGLE HUNG - 48x72

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: PRODUCTS MUST BE GLAZED IN ACCORDANCE WITH ASTM E1300-04	Certification Agency Certificate FL12716_R2_C_CAC_168-122.pdf Quality Assurance Contract Expiration Date 03/11/2015 Installation Instructions FL12716_R2_II_08-00743.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports Created by Independent Third Party:
--	---



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

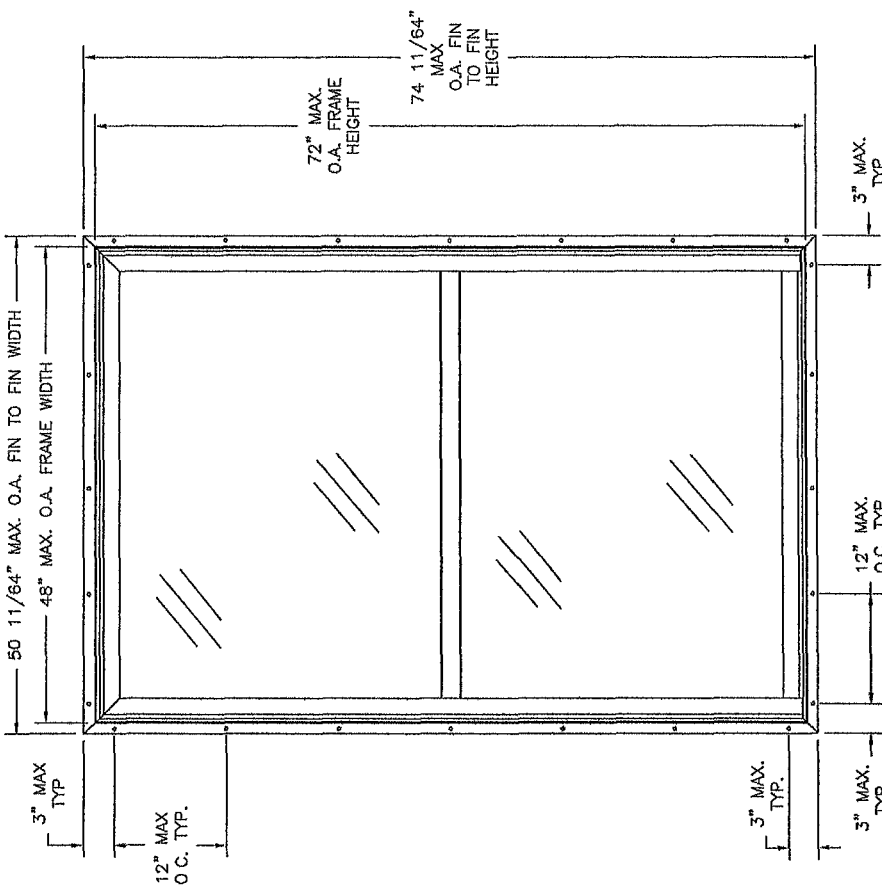
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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275 (1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



REVISIONS		DESCRIPTION	DATE	APPROVED
REV				



- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 4) FRAME SASH MATERIAL: EXTRUDED WHITE RIGID PVC 0.65" THICK.
 - 5) UNITS MUST BE GLAZED PER ASTM E1300.
 - 6) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND Borne DEBRIS REGIONS.
 - 7) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING ALLOWABLE SHIM SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 - 8) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 9) ALL FASTENERS TO BE CORROSION RESISTANT.
 - 10) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42.
 - 11) MAX. SASH SIZE: 45 1/4" x 35"
 MAX. SASH D.L.O. 42 3/4" x 32 1/2"
 MAX. FIXED LITE D.L.O. 43 3/8" x 32 3/8"

Digitally signed by Luis R. Lomas P.E.
 Location: 1432 Woodford Rd.
 Lewisville, NC 27023
 Date: 2009.05.06 20:13:57 -0400



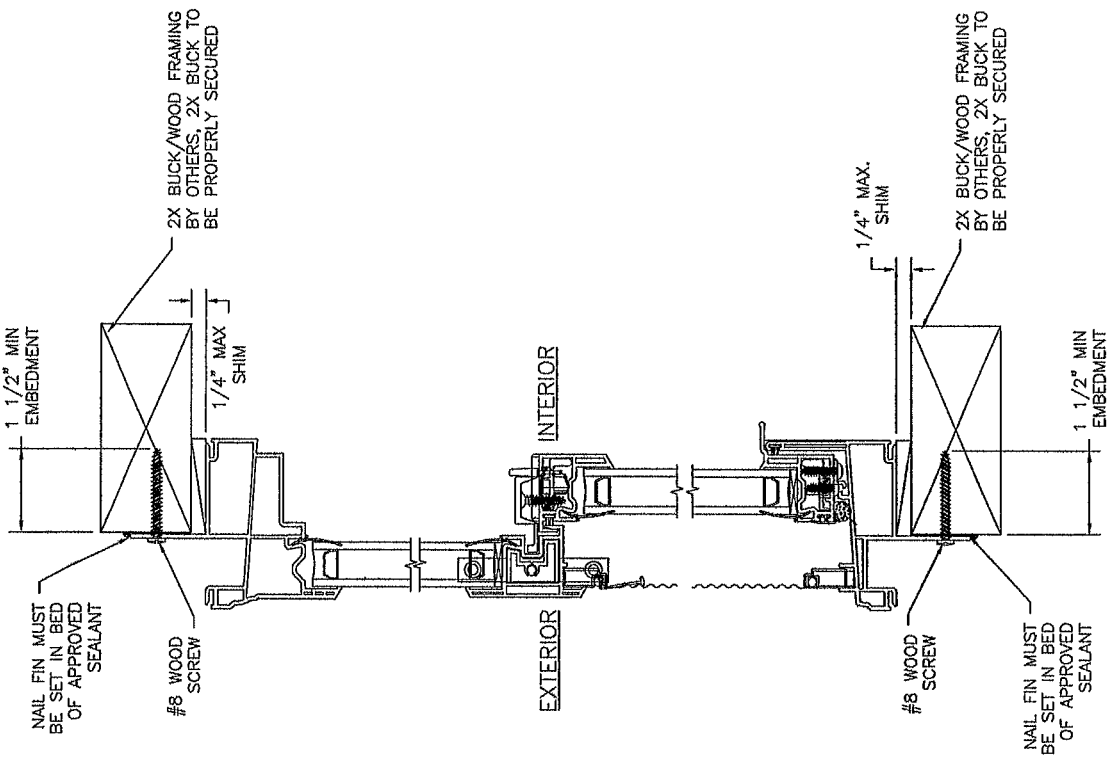
MAGNOLIA WINDOW & DOOR 420 INDUSTRIAL BLVD. BALDWIN, GA. 30511	
SH300 PVC SINGLE HUNG WINDOW - REINFORCED ELEVATION, ANCHORING AND NOTES	
DRAWN: TJH	REV --
DWG NO. 08-00743	DATE 04/25/09
SCALE NTS	SHEET 1 OF 2

SH300 PVC SINGLE HUNG WINDOW - REINFORCED
EXTERIOR VIEW

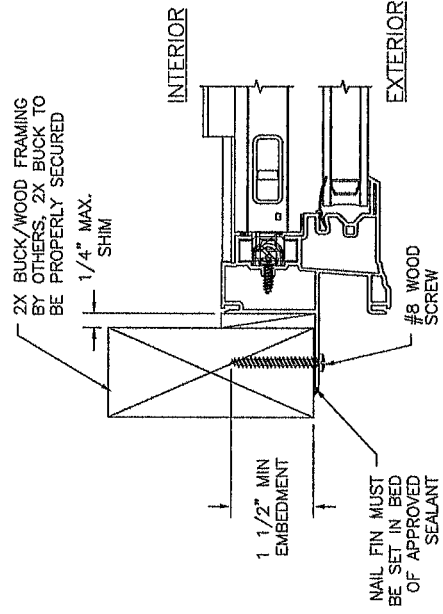
DESIGN	PRESSURE RATING	IMPACT RATING
	±25PSF	NONE

TABLE OF CONTENTS	
SHEET NO	DESCRIPTION
1	ELEVATION, ANCHORING AND NOTES
2	INSTALLATION DETAILS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



JAMB INSTALLATION
2X BUCK/WOOD FRAMING

MAGNOLIA WINDOW & DOOR
420 INDUSTRIAL BLVD.
BALDWIN, GA. 30511

SH300 PVC SINGLE HUNG WINDOW - REINFORCED
48" x 72"
INSTALLATION DETAILS

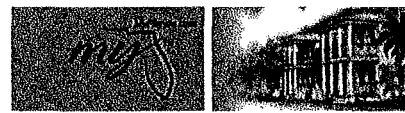
DRAWING: TJH
SCALE: NTS

REV: —

DWG NO: 08-00743

DATE: 04/25/09

SHEET 2 OF 2



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Product Approval
USER: Public User

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FL # **FL16107-R3**
Application Type **Revision**
Code Version **2010**
Application Status **Approved**
Comments
Archived ☐

Product Manufacturer **Clopay Building Products Company**
Address/Phone/Email **8585 Duke Blvd
Mason, OH 45040
(513) 770-6062
mwesterfield@clopay.com**

Authorized Signature **Scott Hamilton
shamilton@clopay.com**

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category **Exterior Doors**
Subcategory **Sectional Exterior Door Assemblies**

Compliance Method **Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer**
☒ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report **Scott Hamilton**
Florida License **PE-63286**
Quality Assurance Entity **Intertek Testing Services NA Inc. - ETL/Warnock Harsey**
Quality Assurance Contract Expiration Date **12/31/2028**
Validated By **Gary Pfuehler**
☒ Validation Checklist - Hardcopy Received

Certificate of Independence **[FL16107_R3 COI Certification of Independence of Validation Entity- Gary Pfuehler.pdf](#)
[FL16107_R3 COI Statement on Independence of Evaluation Entity- ScottHamilton_120424.pdf](#)**

Referenced Standard and Year (of Standard)	Standard	Year
	ANSI/DASMA 108	2005
	ANSI/DASMA 115	2005
	ASTM E1886	2005
	ASTM E1996	2009
	ASTM E330	2002
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

06/26/2013

Date Validated

02/21/2014

Date Pending FBC Approval

03/04/2014

Date Approved

04/18/2014

Summary of Products		
Go to Page		Page 1 / 3
FL #	Model, Number or Name	Description
16107.1	01 W6-16 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	Double-skin Insulated EPS (exterior skin 27 ga min.; interior skin 27 ga min.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16107_R3_IL_104724-A-IBC-Rev03.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130214-A.pdf Created by Independent Third Party: No
16107.2	02 W6-16 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	Double-skin Insulated EPS (exterior skin 27 ga min.; interior skin 27 ga min.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions		Installation Instructions FL16107_R3_IL_104724-B-IBC-Rev03.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130214-A.pdf Created by Independent Third Party: No
16107.3	03 W6-16 PAN-2F153: 73, 75, 84A, 94, 42, 48, 42B, 48B, 4RST, 6RST, GD5S, GR5S, AR5S, ED5S	Steel Pan (min. 25 ga.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +36 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16107_R3_IL_104710-A-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.4	04 W6-16 PAN-2F153: 73, 75, 84A, 94, 42, 48, 42B, 48B, 4RST, 6RST, GD5S, GR5S, AR5S, ED5S	Steel Pan (min. 25 ga.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +36 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions		Installation Instructions FL16107_R3_IL_104710-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.5	05 W6-16 PAN-2F143: 84A, 94, 98, 48, 48B, 4F, 4RST	Steel Pan (min. 24 ga.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16107_R3_IL_104753-A-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.6	06 W6-16 PAN-2F143: 84A, 94, 98, 48, 48B, 4F, 4RST	Steel Pan (min. 24 ga.) Double-Car (9'2" to 16'2" wide) WINDCODE® W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the impact resistant requirement for windborne debris regions		Installation Instructions FL16107_R3_IL_104753-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.7	07 W6-16 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	Double-skin Insulated EPS (exterior skin 27 ga min.; interior skin 27 ga min.) 16'4" to 18'2" wide WINDCODE® W6 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Installation Instructions FL16107_R3_IL_104751-A-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.8	08 W6-18 DSIE-1F171: 4300, 4301, 4310, HDG, HDGL, HDGF, 66, 66G, 67, 67G, 68, SP200, SF200, SE200, 6200, 6201, 6203	Double-skin Insulated EPS (exterior skin 27 ga min.; interior skin 27 ga min.) 16'4" to 18'2" wide WINDCODE® W6 Garage Door

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the Impact resistant requirement for windborne debris regions.		Installation Instructions FL16107_R3_II_104751-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.9	09 W6-18 DS1U-1F171: 9200, 9201, 9203, HDP20, HDPF20, HDPL20, 7200, 7201, 7203, 8200, 8201, 8203	Double-skin Insulated PUR (exterior skin 27 ga. min ; interior skin 27 ga. min) 16'4" to 18'2" wide WINDCODE@ W6 Garage Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104777-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.10	10 W6-18 DS1U-1F171: 9200, 9201, 9203, HDP20, HDPF20, HDPL20, 7200, 7201, 7203, 8200, 8201, 8203	Double-skin Insulated PUR (exterior skin 27 ga. min ; interior skin 27 ga. min) 16'4" to 18'2" wide WINDCODE@ W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the Impact resistant requirement for windborne debris regions.		Installation Instructions FL16107_R3_II_104777-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107 11	11 W6-18 PAN-2F153: 73, 75, 84A, 94, 42, 48, 42B, 48B, 4RST, 6RST, GD5S, GR5S, AR5S, ED5S	Steel Pan (min. 25 ga.) Double-Car (16'4" to 18'2" wide) WINDCODE@ W6 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +36 PSF/-42 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104761-A-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107 12	12 W6-18 PAN-2F153: 73, 75, 84A, 94, 42, 48, 42B, 48B, 4RST, 6RST, GD5S, GR5S, AR5S, ED5S	Steel Pan (min. 25 ga.) Double-Car (16'4" to 18'2" wide) WINDCODE@ W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +36 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the Impact resistant requirement for windborne debris regions.		Installation Instructions FL16107_R3_II_104761-B-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: Yes
16107 13	13 W7-18 PAN-2F143 84A, 94, 98, 48, 48B, 4F, 4RST	Steel Pan (min 24 ga.) 16'4" to 18'2" wide WINDCODE@ W7 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +41 PSF/-46 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104762-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107 14	14 W6-16 DSIE-1F171: HDG, HDGL, 4300, 4310, 4301, 66, 66G, 67, 67G, 68, 6200, 6201, 6203, SP200, SF200, SE200	Double-skin Insulated (exterior skin 27 ga. min., interior skin 27 ga. min.) Double Car (9'2" to 16'2" wide) WINDCODE@ W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-52 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104736-IBC-Rev03.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130214-A.pdf Created by Independent Third Party: No
16107.15	15 W8-16 PAN-2F143: 84A, 94, 98, 48, 48B, 4F, 4RST	Steel Pan (min 24 ga.) Double Car (9'2" to 16'2" wide) WINDCODE@ W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-50 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104754-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107 16	16 W8-18 DSIE-1F171: HDG, HDGL, HDGF, 4300, 4310, 4301, 66, 66G, 67, 67G, 68, 6200, 6201, 6203, SP200, SF200, SE200	Double-skin Insulated (exterior skin 27 ga. min ; interior skin 27 ga. min) Double Car (16'4" to 18'2" wide) WINDCODE@ W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-50 PSF Other: Max. Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile impact).		Installation Instructions FL16107_R3_II_104752-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.17	17 W8-16 DS1U-1F171: 9200, 9201, 9203, HDP20, HDPF20, HDPL20, 7200, 7201, 7203, 8200, 8201, 8203	Double-skin Insulated PUR (exterior skin 27 ga. min ; interior skin 27 ga. min.) Double-Car (9'2" to 16'2" wide) WINDCODE@ W8 Garage Door with Optional Impact-Resistant Lites

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-52 PSF Other: Max Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile Impact)		Installation Instructions FL16107_R3_IL_104778-IBC-Rev03.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130214-A.pdf Created by Independent Third Party: No
16107.18	18 W8-18 DS1U-1F171: 9200, 9201, 9203, HD20, HD2P20, HD2LP20, 7200, 7201, 7203, 8200, 8201, 8203	Double-skin Insulated PUR (exterior skin 27 ga. min.; Interior skin 27 ga. min.) 16'4" to 18'2" wide WINDCODE@ W8 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +46 PSF/-50 PSF Other: Max Wind Speed (V _{ult}): 170 MPH Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile Impact)		Installation Instructions FL16107_R3_IL_104779-IBC-Rev02.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_121212-A.1.pdf Created by Independent Third Party: No
16107.19	19 W6-16 W6-16 DSIE-1F471: GD2SP, GR2SP, GD2LP, GR2LP, AR2SP, AR2LP, ED2SP, ED2LP, 4302, 6202, SFC68	Double-skin Insulated EPS (exterior skin 27 ga. min.; Interior skin 27 ga. min.) Double-Car (9'2" to 16'2" wide) WINDCODE@ W6 Garage Door with Optional Impact-Resistant Lites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +38 PSF/-42 PSF Other: Max Wind Speed (V _{ult}): 170 MPH. Solid doors or doors with optional Impact-resistant glazing are Impact-resistant (large missile Impact)		Installation Instructions FL16107_R3_IL_104785-A-IBC-Rev01.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130423-A.pdf Created by Independent Third Party: No
16107.20	20 W6-16 W6-16 DSIE-1F471: GD2SP, GR2SP, GD2LP, GR2LP, AR2SP, AR2LP, ED2SP, ED2LP, 4302, 6202, SFC68	Double-skin Insulated EPS (exterior skin 27 ga. min.; Interior skin 27 ga. min.) Double-Car (9'2" to 16'2" wide) WINDCODE@ W6 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38 PSF/-42 PSF Other: Doors with standard glazing meet the wind load requirements of the building code but DO NOT meet the Impact resistant requirement for windborne debris regions.		Installation Instructions FL16107_R3_IL_104785-B-IBC-Rev01.pdf Verified By: Mark Westerfield FL PE 48495 Created by Independent Third Party: No Evaluation Reports FL16107_R3_AE_CBPC_130423-A.pdf Created by Independent Third Party: No
Go to Page		Page 1 / 3

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

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Product Approval Accepts:



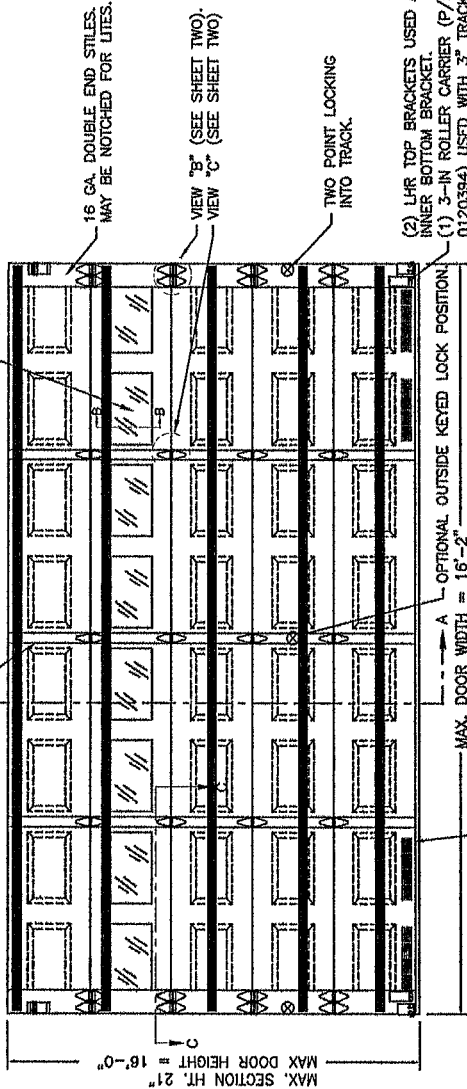
MIDELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLIPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

REVISIONS	REV. NO.	ZONE	DATE	ECN NO.	APPVD.	DESCRIPTION
1 OF 3	03	-	2/11/13	-	SH	UPDATED TOP BRACKET REQUIREMENT.

(1) 20 GA. BACKER PLATE BETWEEN EACH EMBOSS LOCATION THAT CONTAINS A CENTER HINGE. ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

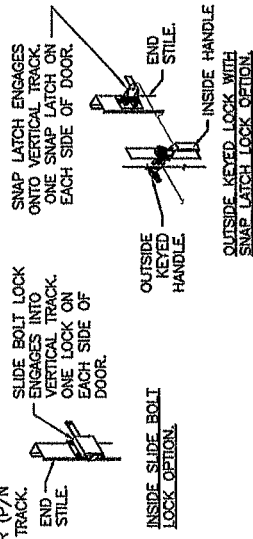
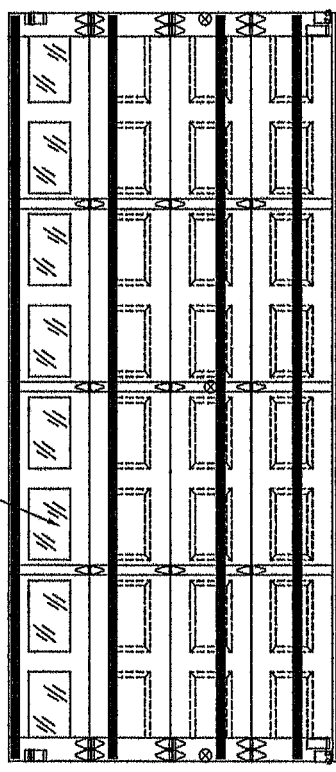
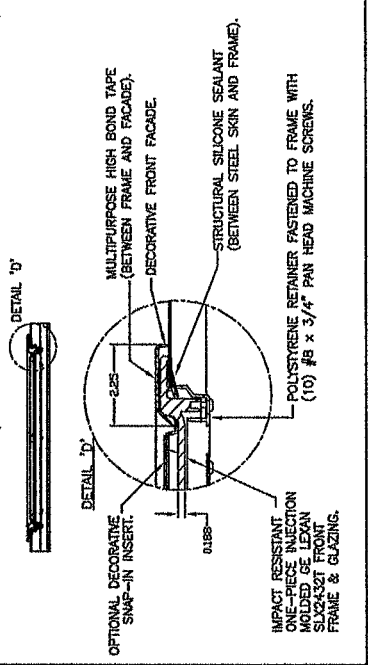
OPTIONAL ROW OF IMPACT-RESISTANT GLAZING. MAX. GLAZING SIZE IS 18'-1/2" x 11". GLAZING IS INJECTION-MOLDED GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606. SEE SECTION B-B FOR ASSEMBLY DETAILS. (GLAZING SHOWN IN INTERMEDIATE SECTION.)

IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL- MISSILE IMPACT RESISTANT.



DOOR HEIGHT	# OF SECTIONS
UP TO 7'-0"	4
7'-3" TO 8'-9"	5
9'-0" TO 10'-6"	6
10'-9" TO 12'-3"	7
12'-6" TO 14'-0"	8
14'-3" TO 15'-9"	9
16'-0"	10
MAX. SECTION HEIGHT: 21'	

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.
TEST LOADS: +68.0 P.S.F. & -78.0 P.S.F.

Clopay
Building Products Company
8585 Dale Boulevard
Houston, TX 77055
Tel. No. 281-770-4800
Fax No. 281-770-4853

MANUFACTURING PRODUCT CODE
DSIE-1F171

PART NO.: N/A

VINYLCLAD RATING
W8 DP46

DESCRIPTION: 2" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)

DRAWN BY: SH
CHECKED BY: SH
DATE: 10/12/12 SCALE: NTS
DATE: 10/26/12 SHEET 1 OF 3

DWG. B

VER: IBC

DWG. NO.: 104736

DESIGN ENGINEER:
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

4

3

2

1

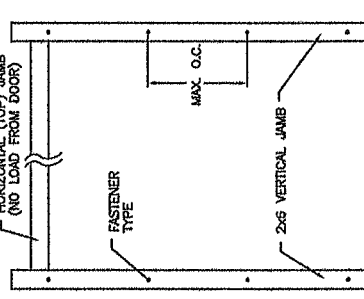
MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLIPLAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET
2 OF 3

REVISIONS

REV NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
03	-	--	-	--	SEE REVISION HISTORY ON SHEET ONE.

JAMB TO SUPPORTING STRUCTURE ATTACHMENT



- NOTES:
- THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SUPPORT (GRADE 40 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE 2x6 VERTICAL JAMB.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +368 LB & -416 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED*
BLOCK WALL	1/2" x 1-1/2" MIN. EMBED TYPICAL CONCRETE ANCHOR	8'-3/4"	1" O.D.
3000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WELD ANCHOR	8'-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WELD ANCHOR	13'-1/2"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WELD ANCHOR	24"	INCLUDED
WOOD FRAME (SPF 0.85, SGL 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE		14'-3/4"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AS CLOSE AS POSSIBLE TO THE TOP OF THE JAMB.

CLIPLAY IS THE SUPPLY JAMB ATTACHMENT FASTENERS.

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE ULTIMATE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (BASED ON THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING; 2) DOOR HAS 7" OF WIDTH IN BUILDING'S END ZONE; 3) ANY ROOF SLOPE AND 4) TESTING IN ACCORDANCE WITH ANSI/DASHA 108. SITE-SPECIFIC CALCULATIONS BY A QUALIFIED DESIGN PROFESSIONAL MAY DIFFER.

ULTIMATE WIND SPEED (MPH)	175	185	190	200	200
EXPOSURE CATEGORY	B, C, D	B, C, D	B, C, D	B, C	B
MEAN ROOF HEIGHT	25'	15'	25'	15'	30'

DESIGN ENGINEER:

MARK WESTERFIELD, P.E.

FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DOOR.

1.95" THICK, 1# DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS.

(1) 12 GA. GALV. STEEL TOP ROLLER BRACKETS (2-1/2" x 5-3/8"), EACH BRACKET ATTACHED W/ (4) #14x5/8" SHEET METAL SCREWS. ADJUSTABLE SLIDE ATTACHED TO TOP BRACKET WITH (2) 1/4"x1/2" BOLTS AND NUTS PER BRACKET.

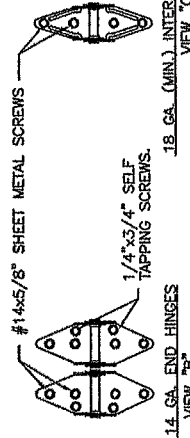
27 GA. (0.016" MIN.) INTERIOR STEEL SKIN (DRAWING QUALITY) WITH G-40 MIN. GALV., BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

14 GA. GALV. ROLLER HINGE EACH HINGE FASTENED TO END STILES WITH (4) #14x5/8" SHEET METAL AND (2) 1/4"x3/4" SELF TAPPING SCREWS. SEE VIEW "B".

ONE 4" T-STRUT PER SECTION. (SEE VIEW "D") EACH T-STRUT ATTACHED AT EACH HINGE LOCATION WITH (2) 1/4"x3/4" SELF TAPPING SCREWS.

13 GA. GALV. STEEL BOTTOM BRACKET ATTACHED WITH (2) #14x5/8" SHEET METAL SCREWS. ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

TEST LOADS: +69.0 P.S.F. & -78.0 P.S.F.

TOLERANCES are

Unless Stated Otherwise Dimensions are in Inches.

Clipay Building Products Company

8885 Dale Boulevard
Fort Worth, TX 76116-8800
Tel. No. 512-770-8800
Fax No. 512-770-8855

MANUFACTURING PRODUCT CODE
DSIE-1F171

PART NO.: N/A

VINYLIDAD RATING
W8 DP46

DESCRIPTION: 2" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)

DRAWN BY: SH

CHECKED BY: SH

DATE: 10/12/12 SCALE: NTS

DATE: 10/26/12 SHEET 2 OF 3

DWG. NO. 104736

VER: IBC

2 FLORIDA PRODUCT APPROVAL 16107

MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66S, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

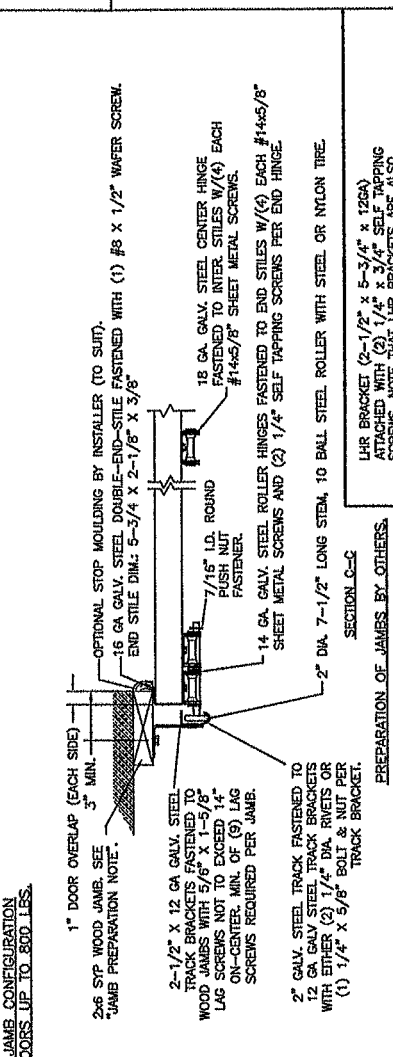
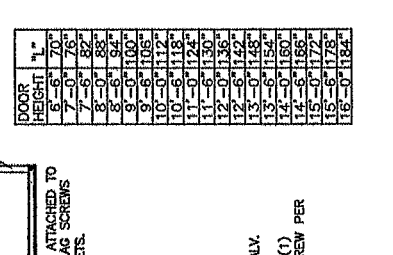
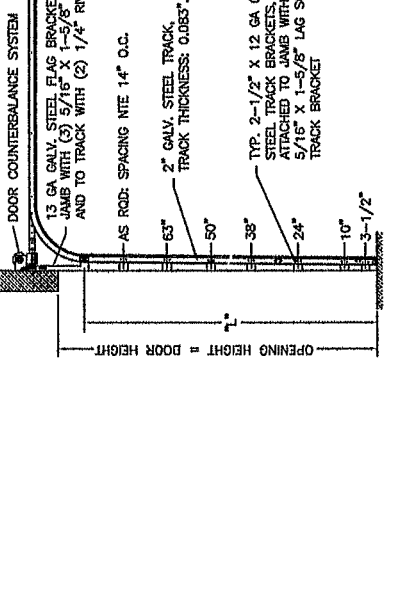
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
03	-	--	-	-	SEE REVISION HISTORY ON SHEET ONE.

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
03	-	--	-	-	SEE REVISION HISTORY ON SHEET ONE.

2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.

3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

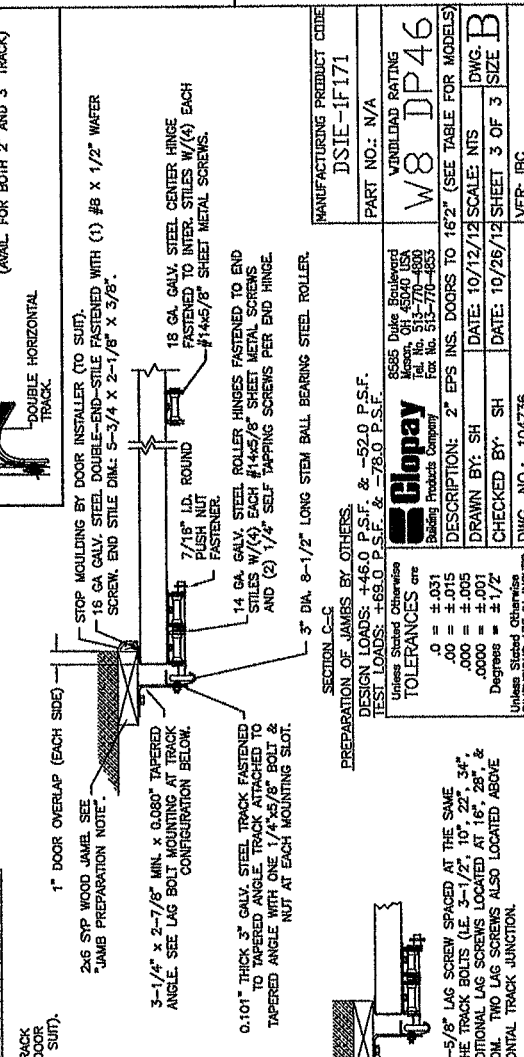
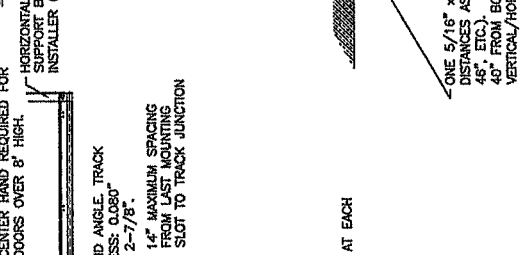
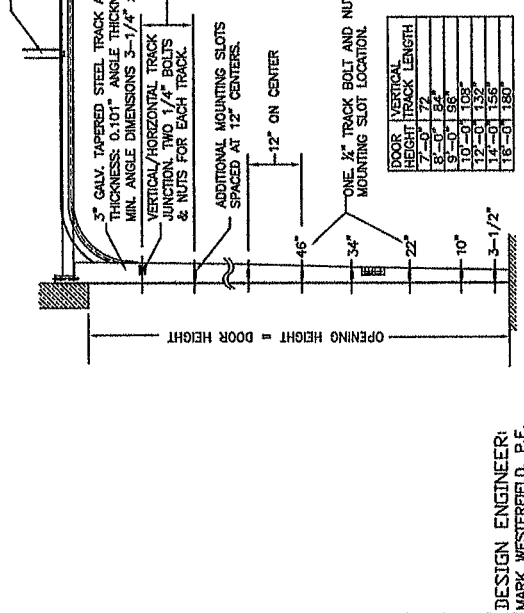
JAMB CONFIGURATION
DOORS UP TO 800 LBS.



3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

JAMB CONFIGURATION
DOORS 800 LBS AND OVER.

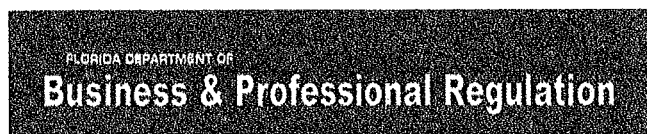
JAMB CONFIGURATION
DOORS UP TO 800 LBS.



DESIGN ENGINEER:
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, INC P.E. #23832, TEXAS P.E. #91513

DESIGN ENGINEER:
MARK WESTERFIELD, P.E.
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FL # FL4334-R6
Application Type Affirmation
Code Version 2010
Application Status Approved
Comments
Archived

Product Manufacturer Masonite International
Address/Phone/Email 1955 Powis Road
West Chicago, IL 60185
(615) 441-4258
sschrelber@masonite.com

Authorized Signature Steve Schrelber
sschrelber@masonite.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category Exterior Doors
Subcategory Swinging Exterior Door Assemblies

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	Year
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards
Certified By

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity ☐ Yes ☐ No ☐ N/A

Product Approval Method Method 1 Option A

Date Submitted 02/06/2012
Date Validated 02/06/2012
Date Pending FBC Approval

Date Approved

02/13/2012

Summary of Products		
FL #	Model, Number or Name	Description
4334.1	Fiberglass Side-hinged Door Units - Impact Rated	6'-8" Opaque I/S and O/S Single Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +70.0/-70.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 3'-0" x 6'-8" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.01.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0120.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_504A.pdf Created by Independent Third Party: Yes
4334.2	Fiberglass Side-hinged Door Units - Impact Rated	8'-0" Opaque I/S and O/S Single Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +70.0/-70.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 3'-0" x 8'-0" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.02.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0121.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_503A.pdf Created by Independent Third Party: Yes
4334.3	Fiberglass Side-hinged Door Units - Impact Rated	8'-0" Opaque O/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55.0/-50.5 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 8'-0" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.02.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0121.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_501A.pdf Created by Independent Third Party: Yes
4334.4	Fiberglass Side-hinged Door Units - Impact Rated	8'-0" Opaque I/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50.5/-50.5 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 8'-0" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.02.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0121.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_501A.pdf Created by Independent Third Party: Yes
4334.5	Fiberglass Side-hinged Door Units - Impact Rated	6'-8" Opaque O/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55.0/-50.5 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 6'-8" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.01.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0120.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_502A.pdf Created by Independent Third Party: Yes
4334.6	Fiberglass Side-hinged Door Units - Impact Rated	6'-8" Opaque I/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50.5/-50.5 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 6'-8" max nominal size Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.01.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0120.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_502A.pdf Created by Independent Third Party: Yes
4334.7	Fiberglass Side-hinged Door Units - Impact Rated	8'-0" Glazed I/S and O/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50.0/-50.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure		Certification Agency Certificate FL4334_R6_C_CAC_NI005930.04.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0123.pdf Verified By: National Accreditation & Management Institute

requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0123-05 for additional information.		Created by Independent Third Party: Evaluation Reports FL4334_R6_AE_501A.pdf Created by Independent Third Party Yes
4334.8	Fiberglass Side-hinged Door Units - Impact Rated	6'-8" Glazed I/S and O/S Door w/ or w/o Sidelites
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +60.0/-60.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0122-05 for additional information.		Certification Agency Certificate FL4334_R6_C_CAC_N1005930.03.PDF Quality Assurance Contract Expiration Date 04/30/2015 Installation Instructions FL4334_R6_II_FL0122.pdf Verified By: National Accreditation & Management Institute Created by Independent Third Party Evaluation Reports FL4334_R6_AE_502A.pdf Created by Independent Third Party: Yes



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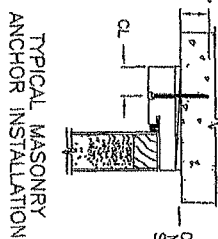
Product Approval Accepts:



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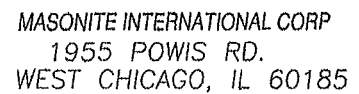


1	KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 5'-1/2" CENTERLINE
2	4" X 4" FULL MORTISE BUTT HINGES



DWG. NO. DWG-M4-FL0120-05 SHEET <u>3</u> OF <u>3</u>	DATE:	2/11/05	SCALE:	N.T.S.	DWG. BY:	SWS	CHECK BY:		DRAWING NO.	
	F	12/15/08	ADDED SPACER	SWS	PRODUCT "EXTERIOR DOOR PRODUCT" 6'-8" FIBERGLASS OPAQUE DOUBLE DOOR UNIT					
	E	1/2/08	HINGE SCREW LENGTH	SWS						
	D	4/9/07	GENERAL REVISIONS	SWS	PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS					
	C	4/25/05	ANCHORS & PLASTICS	SWS						
	B	3/1/05	FLORIDA CHANGES	SWS	REVISIONS					
	A	2/22/05	ADDED GLASS DETAIL	SWS						
	NO.	DATE		BY						

MASONITE INTERNATIONAL CORP.
1955 POWIS RD
WEST CHICAGO, IL 60185





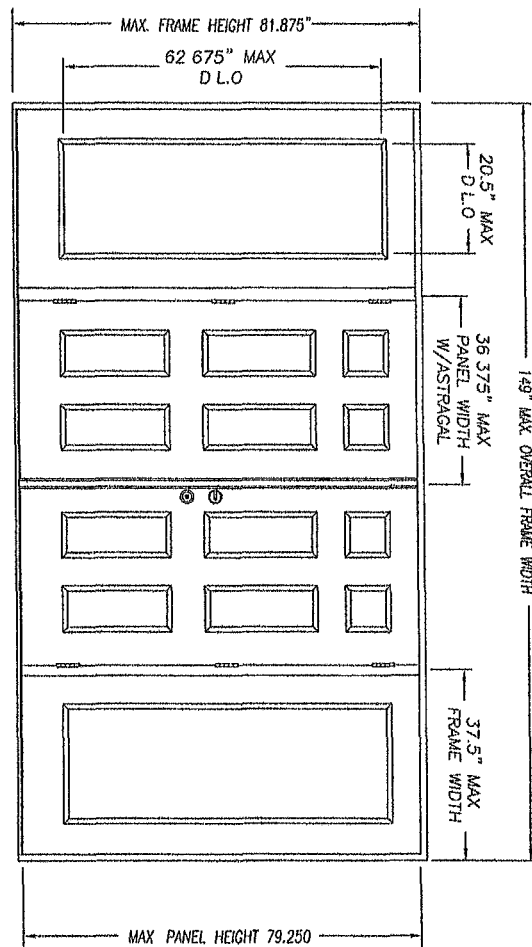
HURRICANE BELLEVILLE FIBERGLASS DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY A REGISTERED PROFESSIONAL ENGINEER ARE NOT EXCEEDED. DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE DEVICE (SHUTTERS).
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 80 PER ASTM E84.
4. PLASTICS TESTING OF FIBERGLASS FACING:

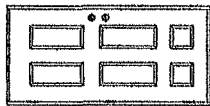
TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN (C-1)
SMOKE DENSITY	ASTM D2843	53.4%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF

* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1

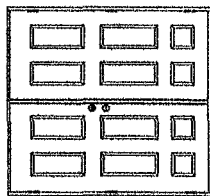


DOUBLE DOOR UNIT W/SIDELITES

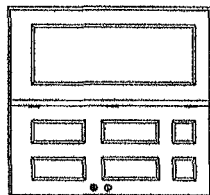
Admission to NMAA
Certification No. NT005930
Reviewed By: SAO by SWS
Date Reviewed: 8/24/11



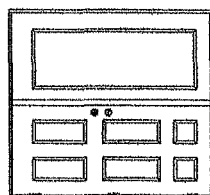
SINGLE DOOR UNIT



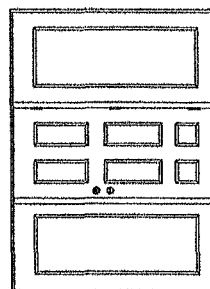
DOUBLE DOOR UNIT



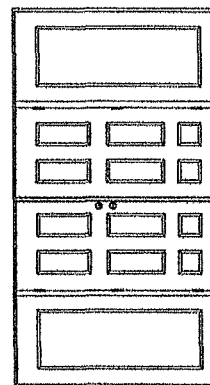
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHOR LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS

CONFG		MAX WIDTH		INSWING		OUTSWING		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE	
X		37.5"		+70.0	-70.0	+70.0	-70.0	INSWING	OUTSWING
XX		74"		+50.5	-50.5	+50.5	-50.5	INSWING	OUTSWING*
XX or XO		75"		+50.5	-50.5	+50.5	-50.5	INSWING	OUTSWING*
XXO		112.5"		+50.5	-50.5	+50.5	-50.5	INSWING	OUTSWING*
XXO		149"		+50.5	-50.5	+50.5	-50.5	INSWING	OUTSWING*

* High Dam Threshold Design

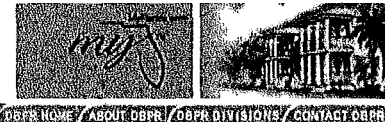
1/1/11

KURT BALTAZOR
FLORIDA P E
#56533

DATE	2/11/05	SCALE	N.T.S.	CHK. BY	SWS	DWG. NO.	DWG-MA-FL0120-05	SHEET	1 OF 3
REVISIONS	12/15/08	ADDED SPACER	SWS	1/2/08	HINGE SCREW LENGTH	SWS	4/9/07	GENERAL REVISIONS	SWS
	4/25/05	ANCHORS & PLASTICS	SWS	3/1/05	FLORIDA CHANGES	SWS	2/22/05	ADDED GLASS DETAIL	SWS
									BY

PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 6'-8" OPAQUE
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

MASONITE INTERNATIONAL CORP
1955 POWIS RD.
WEST CHICAGO, IL 60185



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Search Criteria

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Code Version	2010 FL#	ALL
Application Type	ALL Product Manufacturer	Simpson Strong-Tie Co
Category	ALL Subcategory	ALL
Application Status	ALL Compliance Method	ALL
Quality Assurance Entity	ALL Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL Product Description	ALL
Approved for use in HVHZ	ALL Approved for use outside HVHZ	ALL
Impact Resistant	ALL Design Pressure	ALL
Other	ALL	

Search Results - Applications

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FL#	Type	Manufacturer	Validated By	Status
FL10865-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL10866-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL11166-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL11169-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL11468-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Mark R. Barrow, PE (850) 501-0005	Approved
FL11470-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Mark R. Barrow, PE (850) 501-0005	Approved
FL11473-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Mark R. Barrow, PE (850) 501-0005	Approved
FL11478-R2 History	Affirmation	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL11496-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 223-4899	Approved
FL12708-R2 History	Affirmation	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 821-5200	Approved
FL13326-R2 History	Editorial Change	Simpson Strong-Tie Co. Category: Structural Components Subcategory: Wood Connectors	Jeffrey P. Arneson, P.E. (904) 821-5200	Approved

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

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FL #	FL1814-R6						
Application Type	Revision						
Code Version	2010						
Application Status	Approved						
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary						
Comments							
Archived	☐						
Product Manufacturer	WOODLAND INDUSTRIES, INC						
Address/Phone/Email	1520 KALAMAZOO DRIVE GRIFFIN, GA 30224 (770) 228-6102 dina.crownover@gmail.com						
Authorized Signature	DINA CROWNOVER dina.crownover@gmail.com						
Technical Representative	DINA CROWNOVER						
Address/Phone/Email	1520 KALAMAZOO DRIVE GRIFFIN, GA 30224 DPCWOODLAND@AOL.COM						
Quality Assurance Representative							
Address/Phone/Email							
Category	Roofing						
Subcategory	Underlayments						
Compliance Method	Certification Mark or Listing						
Certification Agency	Miami-Dade BCCO - CER						
Validated By	Miami-Dade BCCO - VAL						
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 D 4869</td> <td>2005</td> </tr> <tr> <td>ASTM D-226</td> <td>2006</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D 4869	2005	ASTM D-226	2006
<u>Standard</u>	<u>Year</u>						
ASTM D 4869	2005						
ASTM D-226	2006						
Equivalence of Product Standards Certified By	Approved Certification Agency FL1814_R6_Equiv_Florida_Approval8.pdf FL1814_R6_Equiv_Florida_Approval9.pdf FL1814_R6_Equiv_NOA_new.pdf						
Product Approval Method	Method 1 Option A						
Date Submitted	02/14/2012						
Date Validated	02/24/2012						

Date Pending FBC Approval
Date Approved

02/29/2012

Summary of Products

FL #	Model, Number or Name	Description
1814.1	# 30 ASTM D 4869 Type I	Asphalt saturated organic felt
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: For use under discontinuous roof i.e. asphalt shingles with slope greater than 2:12		Certification Agency Certificate FL1814_R6_C_CAC_Florida_Approval8.pdf FL1814_R6_C_CAC_Florida_Approval9.pdf Quality Assurance Contract Expiration Date 10/07/2014 Installation Instructions FL1814_R6_II_Florida_Approval8.pdf FL1814_R6_II_Florida_Approval9.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party
1814.2	#15 ASTM D 4869 Type I	Asphalt saturated organic felt
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: For use under discontinuous roof i.e. asphalt shingles with slope greater than 2:12		Certification Agency Certificate FL1814_R6_C_CAC_Florida_Approval8.pdf FL1814_R6_C_CAC_Florida_Approval9.pdf Quality Assurance Contract Expiration Date 10/07/2014 Installation Instructions FL1814_R6_II_Florida_Approval8.pdf FL1814_R6_II_Florida_Approval9.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
1814.3	#15 ASTM D226 Type I	Asphalt saturated organic felt
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: For use under discontinuous roof i.e. asphalt shingles with slope greater than 2:12		Certification Agency Certificate FL1814_R6_C_CAC_NOA_new.pdf Quality Assurance Contract Expiration Date 04/12/2016 Installation Instructions FL1814_R6_II_NOA_new.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
1814.4	#30 ASTM D-226 TYPE II	Asphalt saturated organic felt
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: For use under discontinuous roof i.e. asphalt shingles with slope greater than 2.12		Certification Agency Certificate FL1814_R6_C_CAC_NOA_new.pdf Quality Assurance Contract Expiration Date 04/12/2016 Installation Instructions FL1814_R6_II_NOA_new.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

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Product Approval Accepts:





BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

NON-HVHZ

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Woodland Industries, Inc.
1520 Kalamazoo Drive
Griffin, GA 30224

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in **NON-High Velocity Hurricane Zone (NON-HVHZ)** areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the **NON-High Velocity Hurricane Zone (NON-HVHZ)** of the Florida Building Code.

DESCRIPTION: Woodland Industries, Inc. ASTM D 4869 Underlayments

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "NON-HVHZ Miami-Dade County Product Control Approved", unless otherwise noted herein

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words **NON-HVHZ** and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 NOA consists of pages 1 through 2.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 09-0818.23
Expiration Date: 10/07/14
Approval Date: 10/07/09
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Product Approval
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FL #	FL2197-R4
Application Type	Revision
Code Version	2010
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	MiTek Industries, Inc.
Address/Phone/Email	14515 North Outer Fourty Drive Suite 300 Chesterfield, MO 63017-5746 (314) 851-7480 Ext 7480 dwert@mli.com
Authorized Signature	David Wert david.c.wert@mli.com
Technical Representative	David Wert
Address/Phone/Email	14515 North Outer Fourty Drive Suite 300 Chesterfield, MO 630175746 (314) 851-7480 dwert@mli.com
Quality Assurance Representative	David Wert
Address/Phone/Email	14515 North Outer Forty Suite 300 Chesterfield, MO 63017 (314) 851-7480 dwert@mli.com
Category	Structural Components
Subcategory	Truss Plates
Compliance Method	Evaluation Report from a Product Evaluation Entity
Evaluation Entity	ICC Evaluation Service, LLC
Quality Assurance Entity	Quality Auditing-Institute Ltd.
Quality Assurance Contract Expiration Date	01/01/2015
Validated By	ICC Evaluation Service, LLC
Certificate of Independence	FL2197 R4 COI Certificate of Independence - ICC-ES.pdf
Referenced Standard and Year (of Standard)	Standard ANSI/TPI 1
	Year 2007
Equivalence of Product Standards Certified By	
Sections from the Code	

Product Approval Method

Method 1 Option C

Date Submitted

12/01/2011

Date Validated

02/27/2012

Date Pending FBC Approval

03/05/2012

Date Approved

04/03/2012

Summary of Products

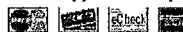
FL #	Model, Number or Name	Description
2197.1	M18SHS	18 ga. super high strength truss connector plate
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Can use HVHZ per ICC-ES ESR-1988 Supplemental for the Florida Building Code		Installation Instructions FL2197_R4_II_InstallationESR-1988 April2011.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL2197_R4_AE_ICC-ES ESR-1988 2012Feb.pdf
2197.2	MII 16	16 ga. truss connector plate
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Can use HVHZ per ICC-ES ESR-1311 Supplemental for the Florida Building Code		Installation Instructions FL2197_R4_II_InstallationESR-1311 Nov2011.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL2197_R4_AE_ICC-ES ESR-1311 2012Feb.pdf
2197.3	MT18HS	18 ga. high strength truss connector plate
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Can use HVHZ per ICC-ES ESR-1988 Supplemental for the Florida Building Code		Installation Instructions FL2197_R4_II_InstallationESR-1988 April2011.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL2197_R4_AE_ICC-ES ESR-1988 2012Feb.pdf
2197.4	MT20	20 ga. truss connector plate
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Can use HVHZ per ICC-ES ESR-1988 Supplemental for the Florida Building Code		Installation Instructions FL2197_R4_II_InstallationESR-1988 April2011.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL2197_R4_AE_ICC-ES ESR-1988 2012Feb.pdf
2197.5	MT20HS	20 ga. high strength truss connector plate
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Can use HVHZ per ICC-ES ESR-1311 Supplemental for the Florida Building Code.		Installation Instructions FL2197_R4_II_InstallationESR-1311 Nov2011.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL2197_R4_AE_ICC-ES ESR-1311 2012Feb.pdf

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Product Approval Accepts:



Excerpt from ICC-ES ESR-1311, Revised November 2011

INSTALLATION

All truss plates are pressed into the wood for the full depth of their teeth by hydraulic-platen embedment presses, multiple roller presses that use partial embedment followed by full-embedment rollers, or combinations of partial embedment roller presses and hydraulic-platen presses that feed trusses into a stationary finish roller press. Trusses must be assembled within the tolerances specified in ANSI/TPI 1, Chapter 3, Quality Criteria for the Manufacture of Metal-Plate-Connected Wood Trusses.