

Florida Department of
Business & Professional
Regulation

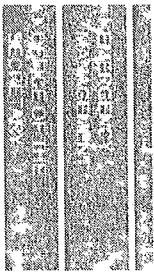


Product Approval
USER: Public User

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Product Approval Menu > Product or Application Search > Application List > Application Detail

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FL #
Application Type
Code Version
Application Status
Comments
Archived

FL14911
New
2010
Approved

Product Manufacturer
Address/Phone/Email

Silverline Building Products Corp.
One Silverline Drive
North Brunswick, NJ 08902
(732) 435-1000
rickw@rwbldgconsultants.com

Authorized Signature

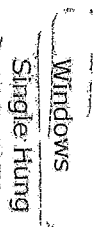
Vivian Wright
rickw@rwbldgconsultants.com

Technical Representative
Address/Phone/Email

Craig Calderone
1 Silverline Drive
North Brunswick, NJ 08902
(732) 435-1000
CraigCalderone@silverlinewindow.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory



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
Florida License
Quality Assurance Entity
Quality Assurance Contract Expiration Date
Validated By

Lyndon F. Schmidt, P.E.
PE-43409
Window and Door Manufacturers Association-QA
12/31/2014
Ryan J. King, P.E.
☒ Validation Checklist - Hardcopy Received

Certificate of Independence


[FL14911_R0_COI_Certificate Of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard	Year
AAMA/WDMA/CSA/101/I.S.2/A440	2008
AAMA/WDMA/CSA/101/I.S.2/A440	2005
ASTM E1886	2005
ASTM E1996	2005
TAS 202	1994

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect
[FL14911_R0_Equiv_EQUIV OF STDS.pdf](#)

and product particulars.		
14911.15	o. Series 2000 / Model 2003	Extruded Vinyl Triple Single Hung Window (Continuous Head and Sill with Integral Mullion)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 14911.15 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL14911 R0 II INST 14911.15.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL14911 R0 AE EVAL 14911.15.pdf Created by Independent Third Party: Yes
 Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 14911.16 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL14911 R0 II INST 14911.16.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL14911 R0 AE EVAL 14911.16.pdf Created by Independent Third Party: Yes
14911.17	q. Series 2300 / Model 2301-2601	Extruded Vinyl Single Hung Window - Nailing Fin
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 14911.17 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL14911 R0 II INST 14911.17.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL14911 R0 AE EVAL 14911.17.pdf Created by Independent Third Party: Yes
14911.18	r. Series 2300 / Model 2302-2602	Extruded Vinyl Twin Single Hung Window - Nailing Fin (Continuous Head and Sill with Integral Mullion)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 14911.18 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL14911 R0 II INST 14911.18.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL14911 R0 AE EVAL 14911.18.pdf



SERIES 2100 - MODEL 2111

EXTRUDED VINYL

SINGLE HUNG WINDOW

W/ FLANGE

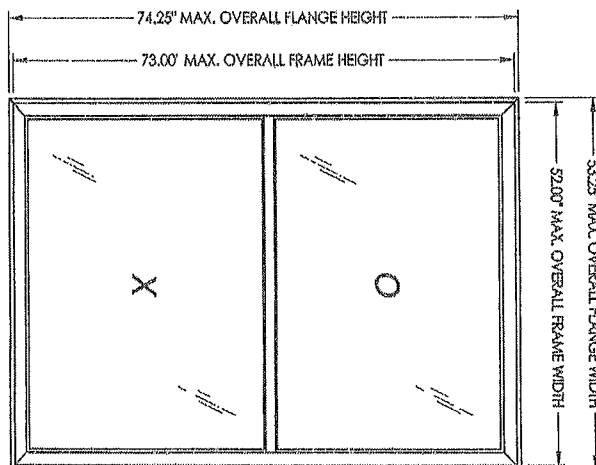
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2010 Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1407.1.2 of the FBC.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x block masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

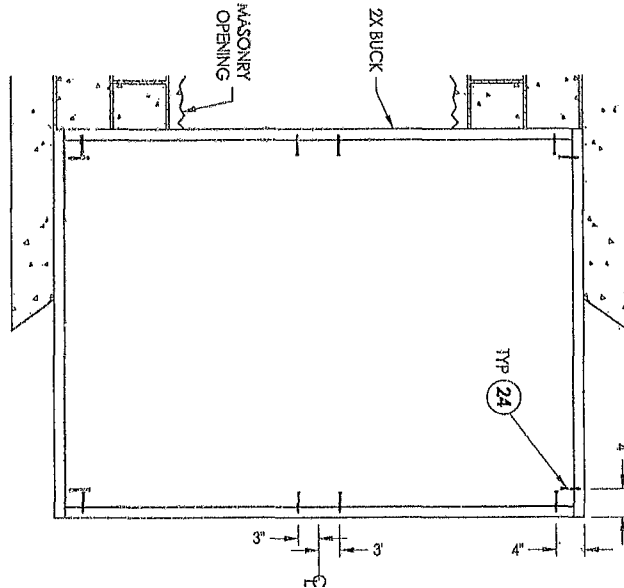
TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal & vertical cross sections
3	Back 2 frame anchoring
4	Bill of materials, glazing detail & components

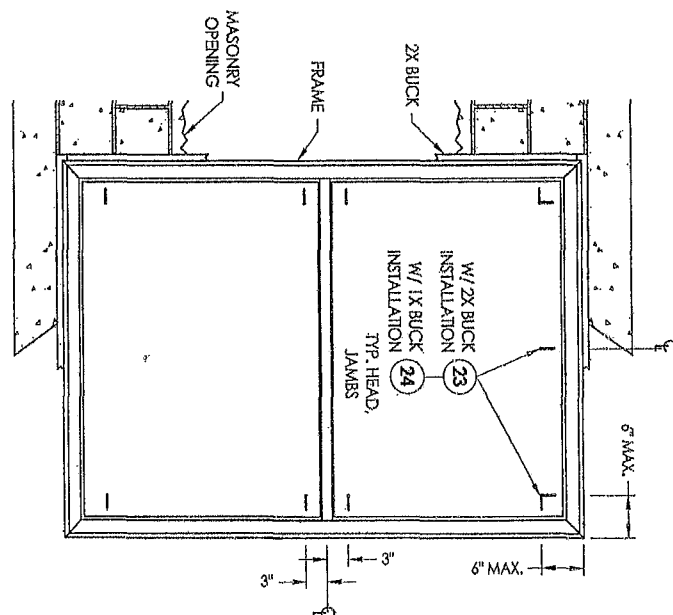


OVERALL FLANGE DIMENSION	OVERALL FRAME DIMENSION	MAX GLASS DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
37.25" x 63.25"	34.00" x 62.00"	31.69" x 28.00"	G1	+50.0	-50.0
46.25" x 63.25"	45.00" x 62.00"	40.69" x 28.00"		+40.0	-40.0
53.25" x 74.25"	52.00" x 73.00"	47.69" x 33.50"		+30.0	-30.0

SHEET 1 OF 4		DATE 10/24/11		SCALE N.T.S.		DWG. BY: JCV		CHK. BY: LRS		DESIGNING NO. FL-14911 16	
PRODUCT:		SINGLE HUNG WINDOW		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		BY:		REVISIONS	
Documents Prepared By:		RW BUILDING CONSULTANTS, INC.		P.O. Box 230 Valrico FL 33595		Phone: 813.689.0197		Florida Board of Professional Engineers		Certificate of Authorization No. 0813	
								Lyndon F. Schmidt, P.E. No. 43400			



BUCK ANCHORING MASONRY



FRAME ANCHORING

CONCRETE ANCHOR NOTES:

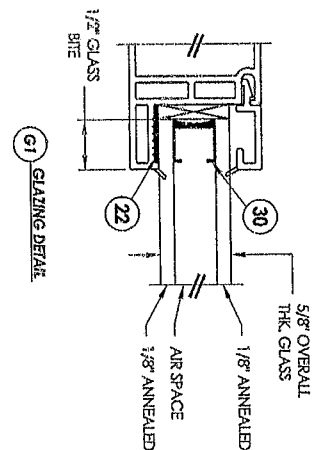
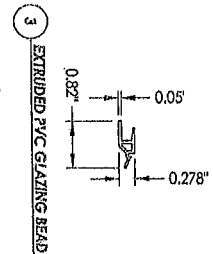
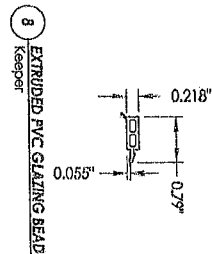
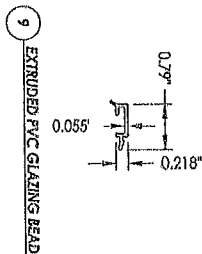
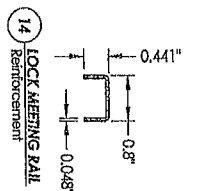
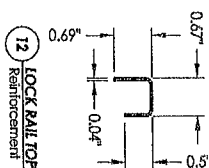
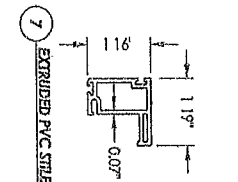
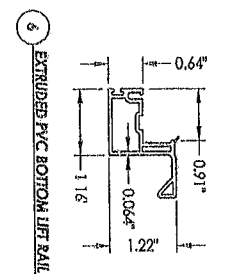
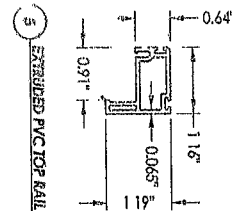
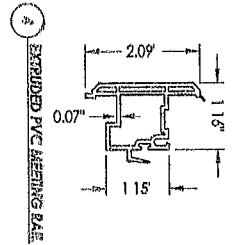
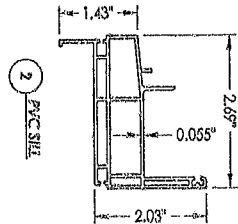
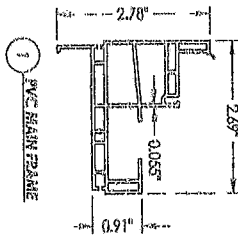
1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations of the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
HW	1/4"	1-1/4"	2-1/2"	3"
ECO	1/4"	1-1/4"	1"	4"

DATE 10/24/11 SCALE N.T.S. DES. BY KV CHK. BY LFS DRAWING NO. FL-1491-16 SHEET 3 OF 4		PRODUCT: SINGLE HUNG WINDOW PART OR ASSEMBLY: BUCK & FRAME ANCHORING		Documents Prepared By RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33598 Phone No.: 813.059.9107 Florida Board of Professional Engineers Certificate Of Authorization No. 0813 Lyndon F. Schmidt, P.E. No. 43409	
NO. DATE REVISIONS		BY			

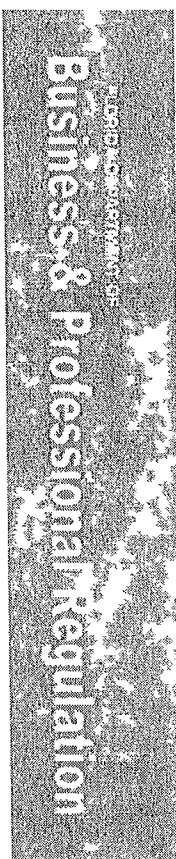
BILL OF MATERIALS	
ITEM	DESCRIPTION
1	EXTRUDED PVC MAIN FRAME #52-2611*
2	EXTRUDED PVC SILL #52-2613*
3	EXTRUDED PVC GLAZING BEAD (INTERLOCK) #52-3557*
4	EXTRUDED PVC MEETING RAIL #52-2907*
5	EXTRUDED PVC TOP RAIL #52-2908*
6	EXTRUDED PVC BOTTOM LIFT RAIL #52-2949*
7	EXTRUDED PVC STYLE
8	EXTRUDED PVC GLAZING BEAD (KEEPER) #52-2317*
9	EXTRUDED PVC GLAZING BEAD (VERT & HORT) #52-2217*
10	OPERABLE SASH LOCK
11	SASH KEEPER
12	FIXED MEETING RAIL REINFORCEMENT #51-2919
14	LOCK RAIL REINFORCEMENT #51-2821
16	WINDOW SCREEN
17	WEATHERSTRIP PILE W/FIN. 187 x 270 LOCK RAIL & SASH (ULTRAFAB)
18	WEATHERSTRIP PILE W/FIN. 187 x 230 FIXED MEETING RAIL (ULTRAFAB)
19	WEATHERSTRIP PILE W/FIN. 187 x 130 SILL (ULTRAFAB)
20	WEATHERSTRIP VINYL BULB 187 x 375 Ø (AMESBURY)
22	GLAZING COMPOUND (DOW #1199)
23	#10 X 2" PPH SMS
24	1/4" X 2-3/4" ELCO OR TNY CONCRETE SCREW
25	2X BUCK SG-20 0.35
26	1/4" MAX. SHIM SPACE
27	MASONRY - 3,192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90
29	1X BUCK
30	INTERCEPT SPACER

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS"

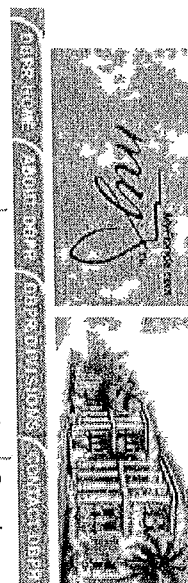


DATE: 10/24/11		SCALE: N.T.S.		DWG. BY: RV		CHK. BY: LFS		DRAWING NO.: FL-14911.16		SHEET: 4 OF 4	
NO.		DATE		REVISIONS		BY		PRODUCT: SINGLE HUNG WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No. 813.659.9187
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
L.F.S. 11.3.11
Lyndon F. Schmidt, P.E. No. 43400



2728
mullion



Florida Department of
**Business & Professional
Regulation**

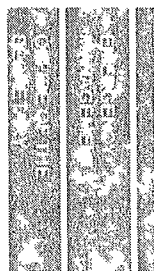


Product Approval
USER: Public User

License Affiliates: Register/Verify

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FL6067-R4
Revision
2010
Approved

FL #
Application Type
Code Version
Application Status
Comments
Archived

Product Manufacturer
Address/Phone/Email

Silverline Building Products Corp.
One Silverline Drive
North Brunswick, NJ 08902
(732) 435-1000
nickw@rwbldgconsultants.com

Authorized Signature

Craig Calderone
nickw@rwbldgconsultants.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Windows
Millions

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
Florida License
Quality Assurance Entity
Quality Assurance Contract Expiration Date
Validated By

Lyndon F. Schmidt, P.E.
PE-43409
Window and Door Manufacturers Association-QA
12/31/2014
Ryan J. King, P.E.
☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL6067 R4 COI certificate Of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Equivalence of Product Standards
Certified By

Sections from the Code

1715.5.5

Product Approval Method

Method 2 Option B

Date Submitted

12/21/2011

6067.3	c. Series 2723 Structural Beam Mullion "Impact"	Extruded Aluminum Clipped Mullion for use with impact and non-impact window products in Masonry or Wood Openings
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: When used in areas outside the "HVHZ" requiring wind-borne debris protection this product complies with section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets "Missile Level D" and includes "Wind Zone 4" as defined in ASTM E1996-02. See INST 6067.3 for any additional use limitations, design pressure ratings and installation instructions.		Installation Instructions FL6067 R4 II INST 6067.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL6067 R4 AE Eval 6067.3.pdf Created by Independent Third Party: Yes
6067.4	d. Series 2724 Structural Beam Mullion "Impact"	Extruded Aluminum Clipped Mullion for use with impact and non-impact window products in Masonry or Wood Openings
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: When used in areas outside the "HVHZ" requiring wind-borne debris protection this product complies with section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets "Missile Level D" and includes "Wind Zone 4" as defined in ASTM E1996-02. See INST 6067.4 for any additional use limitations, design pressure ratings and installation instructions.		Installation Instructions FL6067 R4 II INST 6067.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL6067 R4 AE Eval 6067.4.pdf Created by Independent Third Party: Yes
6067.5	e. Series 2728 Structural Beam Mullion "Impact"	Extruded Aluminum Clipped Mullion for use with impact and non-impact window products in Masonry or Wood Openings
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes		Installation Instructions FL6067 R4 II INST 6067.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes

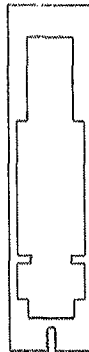
<p>Design Pressure: N/A</p> <p>Other: When used in areas outside the "HVHZ" requiring wind-borne debris protection this product complies with section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets "Missile Level D" and includes "Wind Zone 4" as defined in ASTM E1996-02. See INST 6067.5 for any additional use limitations, design pressure ratings and installation instructions.</p>	<p>Evaluation Reports</p> <p>FL6067_R4_AE_Eval 6067.5.pdf Created by Independent Third Party: Yes</p>
<p>6067.6</p> <p>f. Series 2723 Structural Beam Transom Mullion "Impact"</p>	<p>Extruded Aluminum Clipped Horizontal Mullion Clipped Mullion for use with impact and non-impact window products in Masonry or Wood Openings</p>
<p>Limits of Use</p> <p>Approved for use in HVHZ: No</p> <p>Approved for use outside HVHZ: Yes</p> <p>Impact Resistant: Yes</p> <p>Design Pressure: N/A</p> <p>Other: When used in areas outside the "HVHZ" requiring wind-borne debris protection this product complies with section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets "Missile Level D" and excludes "Wind Zone 4" as defined in ASTM E1996-02. See INST 6067.6 for any additional use limitations, design pressure ratings and installation instructions.</p>	<p>Installation Instructions</p> <p>FL6067_R4_II_INST 6067.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes</p> <p>Evaluation Reports</p> <p>FL6067_R4_AE_Eval 6067.6.pdf Created by Independent Third Party: Yes</p>
<p>6067.7</p> <p>g. Series 2724 Structural Beam Transom Mullion "Impact"</p>	<p>Extruded Aluminum Clipped Horizontal Mullion Clipped Mullion for use with impact and non-impact window products in Masonry or Wood Openings</p>
<p>Limits of Use</p> <p>Approved for use in HVHZ: No</p> <p>Approved for use outside HVHZ: Yes</p> <p>Impact Resistant: Yes</p> <p>Design Pressure: N/A</p> <p>Other: When used in areas outside the "HVHZ" requiring wind-borne debris protection this product complies with section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets "Missile Level D" and excludes "Wind Zone 4" as defined in ASTM E1996-02. See INST 6067.7</p>	<p>Installation Instructions</p> <p>FL6067_R4_II_INST 6067.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes</p> <p>Evaluation Reports</p> <p>FL6067_R4_AE_Eval 6067.7.pdf Created by Independent Third Party: Yes</p>



an Andersen Company

1 SILVERLINE DRIVE, NORTH BRUNSWICK, NJ 08902

STRUCTURAL BEAM MULLION "IMPACT"



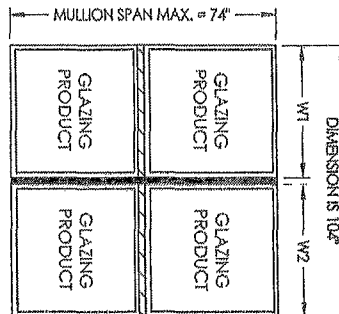
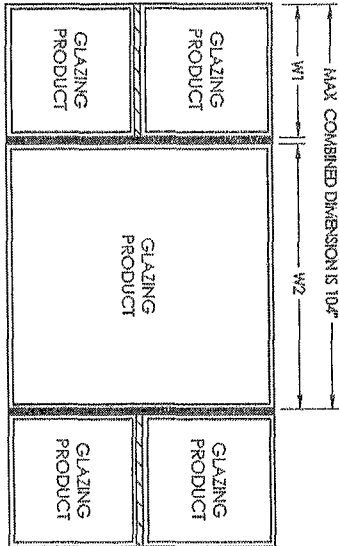
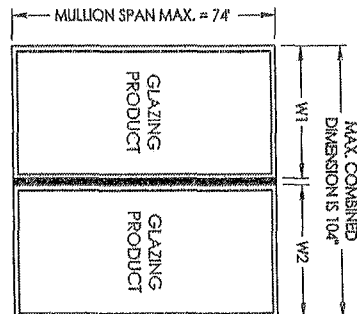
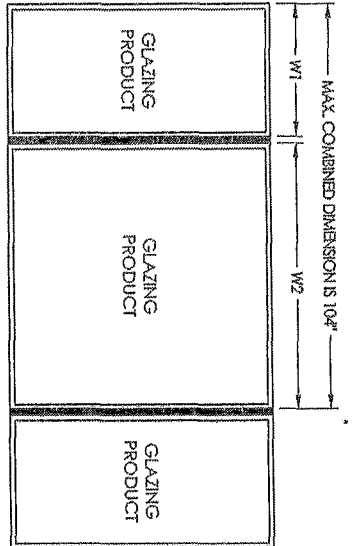
2728

GENERAL NOTES:

1. This product has been evaluated and is in compliance with the 2010 Florida Building Code structural requirements excluding the "High Velocity Hurricane Zone".
2. When used in areas outside the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering. This product meets missile level "V" and includes Wind Zone 4 as defined in ASCE 7-96.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
4. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
5. Separate product approvals for each glazing product used with these mullions must be submitted along with the mullion product approval.
6. Anchoring of each glazing product to the mullion shall be as shown in each individual glazing product approval.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. Mullion design pressure rating, see load rating table sheets 2 and 3 of this drawing.
9. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as determined using this approval or the design pressure rating of the individual glazing products used.
10. Bounding box dimensions for geometric transom shapes must be equal to or less than the rectangular transom dimensions shown herein.

TABLE OF CONTENTS

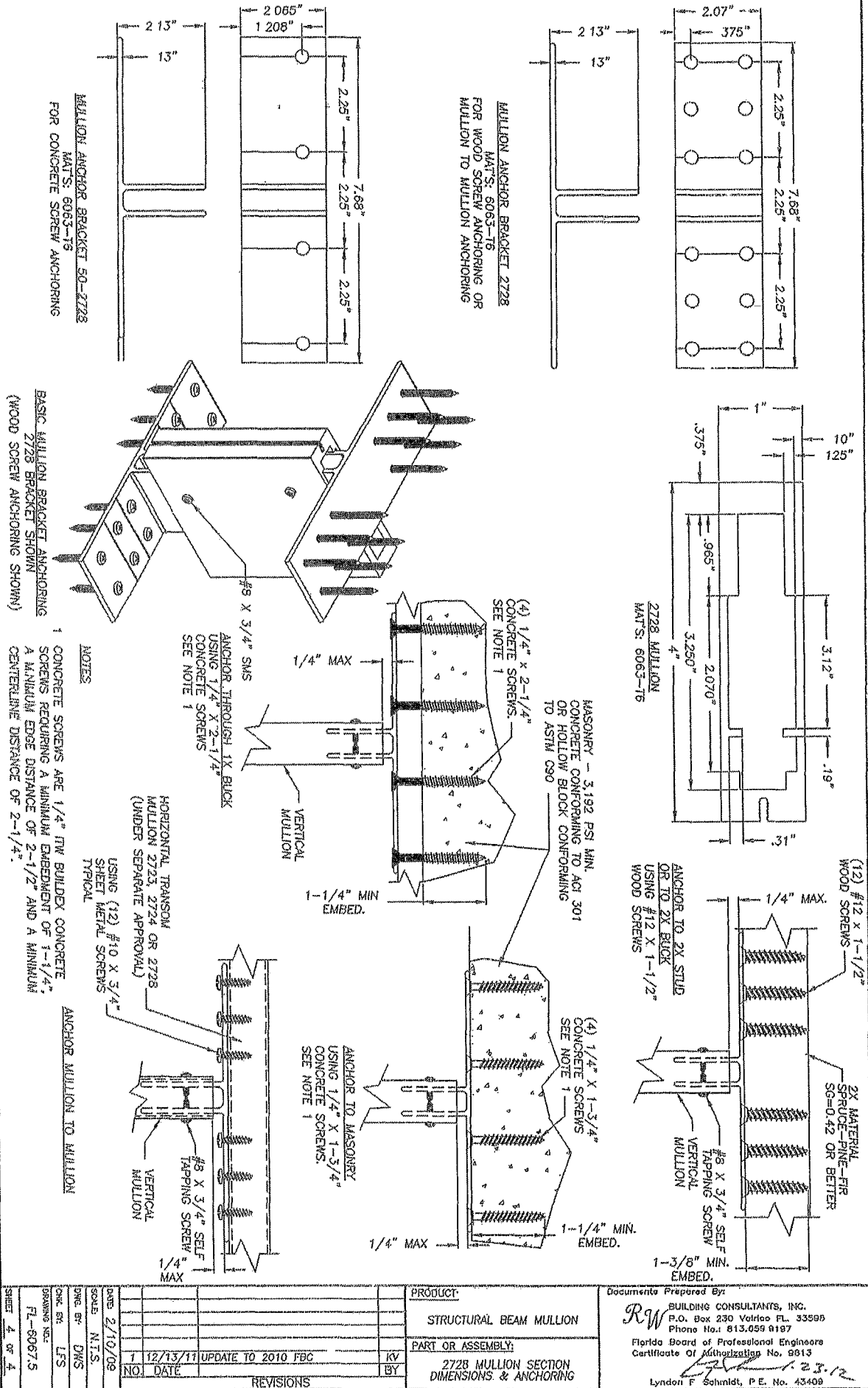
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	2728 mullion load table for concrete screw anchors
3	2728 mullion load table for wood screw anchors
4	2728 mullion section dimensions & anchoring



TYPICAL MULLION CONFIGURATIONS

NOTE
Horizontal mullions depicted herein can be combination mullions or separate structural mullions. Separate structural mullions are covered under separate approval.

PRODUCT: STRUCTURAL BEAM MULLION		Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach, FL 33595 Phone No. 813.659.9187 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43400	
PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES		DATE: 2/10/09 SCALE: N.T.S. DESIGNED BY: DWS CHECKED BY: LFS DRAWING NO.: FL-6067.5	
REVISIONS 1 12/13/11 UPDATE TO 2010 FBC NO. DATE		SHEET 1 OF 4	





November 19, 2013

Permit # 30901
Qualifier Boysie Ramdial
License #- CRC046858
Name - Tom Walker
Address 106 SW Tina Glen Lake City, Fl 32024
THD Job # 66789558

RE: Permit Extension

Columbia County Building Department:

Permit 30901 has expired. We ran into issues with the homeowner's schedule that prevented us from completing this job before its expiration.

We are requesting Permit 30901 be extended for 90 days in order for us to complete this job.

Your assistance in this issue is greatly appreciated.

Sincerely,

THD At Home Services,

Contractors Signature- Boysie de Ramdial
Boysie Ramdial- License Number - CRC046858

Sworn to and subscribed before me this 20 day of Nov, 2013 by
Boysie Ramdial who is personally known to me.

Notary Signature [Signature]



JONATHON ALLEN THOMAS
NOTARY PUBLIC
STATE OF FLORIDA
Comm# FF055234
Expires 9/18/2017

(Seal)