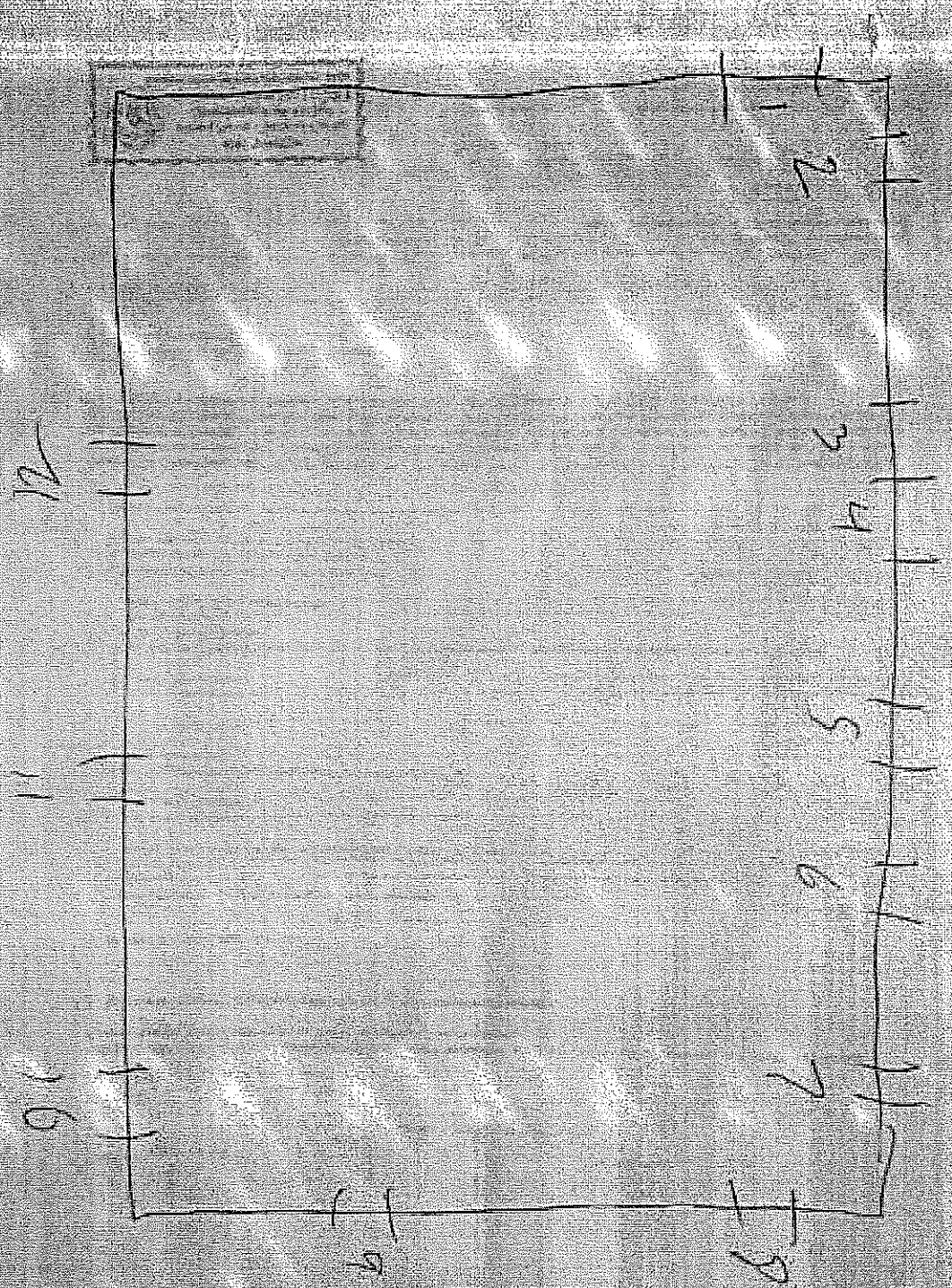


Handwritten text in a rectangular box, possibly a title or label, located at the top left of the page.



Customer: Mary Jo Weeks

Consultant: Michael Shaheen

Date: 04/27/2024

Job #: F42450462

New Window																											
Existing Window					Measurements				Grids						Product Options	Labor Options	Hinge Locations From outside, Left to Right										
ITEM #	Location		Style Code	Wraps (Y/N)	Series Code	Color	Rough Opening			Type (F, S, GBG)	Color	Pattern	# of bars			Glass Hardware Screens Multi	Misc Items Code	For doors use "S" = stationary or "X" = operating									
	Room	Floor					Interior	Exterior	Width				Height	U	Location				Vertical	Horizontal	Location	Vertical	Horizontal				
1	FAM	1st	SH - PV	N	DHC	6500	WH	WH	47	72	119	1, GBG	WH, W H	C	ALL	3	2	ALL	3	2	STD, White, GlassPack: Standard	F					
2	FAM	1st	SH - PV	N	DHC	6500	WH	WH	47	72	119	1, GBG	WH, W H	C	ALL	3	2	ALL	3	2	STD, White, GlassPack: Standard	F					
3	FAM	1st	SH - PV	N	DHC	6500	WH	WH	36	49	85	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, GlassPack: Standard	F					
4	FAM	1st	SH - PV	N	DHC	6500	WH	WH	36	49	85	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, GlassPack: Standard	F					
5	LIV	1st	SH - PV	N	TDHC	6500	WH	WH	72	49	121	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, GlassPack: Standard	F					
6	BATH	1st	SH - PV	N	DHC	6500	WH	WH	36	49	85	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, TMP : Full, Obscure Glass : Full, GlassPack: Standard	F					
7	BED1	1st	SH - PV	N	DHC	6500	WH	WH	36	49	85	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, GlassPack: 6500 - SoundSecurity - Southern	F					
8	BED1	1st	SH - PV	N	DHC	6500	WH	WH	36	37	73	1, GBG	WH, W H	C	ALL	2	1	ALL	2	1	STD, White, GlassPack: 6500 - SoundSecurity - Southern	F					

SPECIAL CONSIDERATIONS:

Line Level Notes:

- MISC(1) : (null)
- Trim
- MISC(2) : (null)
- Trim
- MISC(3) : (null)
- Trim
- MISC(4) : (null)
- Trim
- MISC(5) : (null)
- Trim
- MISC(6) : (null)
- Trim
- MISC(7) : (null)
- Trim
- MISC(8) : (null)

Wrap Color	
Interior Casing Type	
Bay or Bow window:	
Sealboard material (vinyl only-Birch or Oak)	
Bay Project Angle (30 or 45)	
Bay Flanker Type (DH, SH, or Csmnt)	
Top of window to soffit (inches)	
If tied to soffit, color of soffit material	
Construct Roof (Yes or No) *	
Garden Window:	
Sealboard Material (vinyl only-White Pionite, Birch or Oak)	

I have reviewed and agree with all the job specifications above and the
Special Terms and Conditions on the following page

[illegible]

SPECIAL CONSIDERATIONS:
Line Level Notes: 9. MISC(9) : (null) 10. Trim 11. MISC(10) : (null) 12. Trim 13. MISC(11) : (null) 14. Trim 15. MISC(12) : (null) 16. Trim VinylLB Permit Processing
I have reviewed and agree with all the job specifications above and the Special Terms and Conditions on the following page

Wrap Color	
Interior Casing Type	
Bay or Bow window:	
Seatboard material (vinyl only-Birch or Oak)	
Bay Project Angle (30 or 45)	
Bay Flanker Type (DH, SH, or Cammt)	
Top of window to soffit (inches)	
If tied to soffit, color of soffit material	
Construct Roof (Yes or No) *	
Garden Window:	
Seatboard Material (vinyl only-White Plonite, Birch or Oak)	



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Product Approval
USER: Public User

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FL #

FL5167-R42

FL5167.15

Application Type

Affirmation

Code Version

2023

Application Status

Approved

Comments

Archived



Product Manufacturer

Simonton

Address/Phone/Email

5020 Weston Parkway
Suite 300
Cary, NC 27513
(614) 307-3278
luanne.harris@cornerstone-bb.com

Authorized Signature

Luanne Harris
luanne.harris@cornerstone-bb.com

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

AAMA

1827 Walden Office Square
Suite 550
Schaumburg, IL 60173
(847) 303-5664
webmaster@aamanet.org

Category

Windows

Subcategory

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

Fenestration and Glazing Industry Alliance (formerly AAMA)

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

AAMA/WDMA/CSA 101/I.S.2 A440

2011

AAMA/WDMA/CSA 101/I.S.2 A440

2008

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.

5167.12	43-35 (Two-Step Sill) and 43-50 (Three-Step Sill)	6100, Asure, PerfeXion Silver Vinyl Double Hung Twin with Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: 73x111		Certification Agency Certificate FL5167 R42 C CAC 43-35 DH TWIN w TRANSOM 73x111-R35.pdf FL5167 R42 C CAC 43-50 DH TWIN w TRANSOM 73x111-R35.pdf Quality Assurance Contract Expiration Date 01/24/2026 Installation Instructions FL5167 R42 II IN0535 43-35043-50 DH Twin with Transom 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.13	43-40 and 43-45	Reflections 5050, Reflections 5300, 6100, PerfeXion Gold, 4000E Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 36x72 (+/-30 PSF), 52x71 (+/-35 PSF), 48x80 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 44x63 (+/-35 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF), 46x84 (+/-25)		Certification Agency Certificate FL5167 R42 C CAC 43-40 DH (10390) 32x62 PG50.pdf FL5167 R42 C CAC 43-40 DH (10592) 44x63 PG35.pdf FL5167 R42 C CAC 43-40 DH (12109) 46x84 R-PG25.pdf FL5167 R42 C CAC 43-40 DH (12110) 44x63 R-PG45.pdf FL5167 R42 C CAC 43-40 DH 36x63-R45.pdf FL5167 R42 C CAC 43-40 DH 36x72-R30.pdf FL5167 R42 C CAC 43-40 DH 36x74 R-PG50.pdf FL5167 R42 C CAC 43-40 DH 48x80 R-PG35.pdf FL5167 R42 C CAC 43-40 DH 52x71-R35.pdf FL5167 R42 C CAC 43-45 DH 52x71 R-PG35.pdf FL5167 R42 C CAC 43-45 waiver to 43-40.pdf Quality Assurance Contract Expiration Date 09/12/2026 Installation Instructions FL5167 R42 II IN0432b 43-40 43-45 DH-2X.pdf FL5167 R42 II IN0434 43-30 43-45 DH 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R42 AE EvalReport-IN0434-R8.pdf Created by Independent Third Party: Yes
5167.14	43-50 (Three-Step Sill)	6100, Asure, PerfeXion Silver Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 52x71 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF)		Certification Agency Certificate FL5167 R42 C CAC 43-50 DH 32x62-R50.pdf FL5167 R42 C CAC 43-50 DH 36x63-R45.pdf FL5167 R42 C CAC 43-50 DH 36x74-R50.pdf FL5167 R42 C CAC 43-50 DH 44x63-R45.pdf FL5167 R42 C CAC 43-50 DH 52x71-R35.pdf Quality Assurance Contract Expiration Date 01/25/2026 Installation Instructions FL5167 R42 II IN0432 43-50 DH 2X.pdf FL5167 R42 II IN0569 43-50 DH 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R42 AE EvalReport-IN0569-R4.pdf Created by Independent Third Party: Yes
5167.15	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 48x80 (+/-25 PSF), 53x74 (+/-30 PSF), 48x80 (+/-35 PSF), 52x71 (+/-35 PSF), 53x80 (+/-40 PSF), 36x63 (+/-50 PSF), 36x74 (+/-50 PSF), 36x72 (+/-55)		Certification Agency Certificate FL5167 R42 C CAC 07-75 DH (11945) 48x80 R-PG35.pdf FL5167 R42 C CAC 07-75 DH (12084) 53x74 R-PG30.pdf FL5167 R42 C CAC 07-75 DH 53x80 R-PG40.pdf FL5167 R42 C CAC 75-75 DH (11047) 48x80 PG25.pdf FL5167 R42 C CAC 75-75 DH (11048) 36x63 PG50.pdf FL5167 R42 C CAC 75-75 DH (11078) 52x71 PG35.pdf FL5167 R42 C CAC 75-75 DH (11339) 36x72 PG55.pdf FL5167 R42 C CAC 75-75 DH 36x74-LC50.pdf FL5167 R42 C CAC ACP-05 SIM 07-75 DH HS PW frame 07-09.pdf FL5167 R42 C CAC ACP-05 SIM 75-75, 07-09, 07-75, 07-09, 75-10, 75-20 DH frame.pdf Quality Assurance Contract Expiration Date

		03/25/2025 Installation Instructions FL5167_R42_II_IN0113_75-75_75-09_07-75_07-09_07-10_07-20_DH_2X.pdf FL5167_R42_II_IN0132_75-75_75-09_07-09_07-10_07-20_DH-1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R42_AE_EvalReport-IN0132-R12.pdf Created by Independent Third Party: Yes
5167.16	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Double Hung H-Mulled Triple Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 109x74 (+/-50 PSF)
		Certification Agency Certificate FL5167_R42_C_CAC_07-09-10-20_and_08-09-10-20_Waiver.pdf FL5167_R42_C_CAC_07-75_waiver_to_07-09.pdf FL5167_R42_C_CAC_75-75_DH_Triple_109x74_R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R42_II_IN0060_75-75_DH_Triple_or_Twin_2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung H-Mulled Twin with Transom Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x111 *Glazing complies with ASTM E 1300-04.
		Certification Agency Certificate FL5167_R42_C_CAC_07-75_waiver_to_07-09.pdf FL5167_R42_C_CAC_75-75_DH_Twin_w-Transom_73x111_R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R42_II_IN0062_75-75_DH_Twin_w-Transom_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R42_AE_EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.142".

MODEL DESIGNATION:

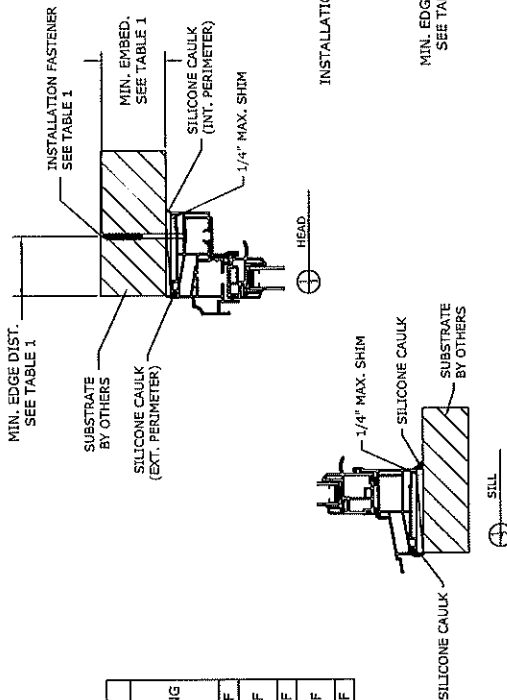
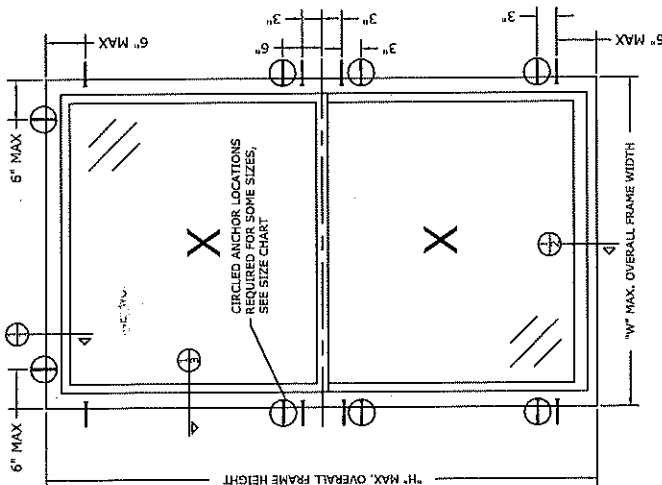
MAXIMUM OVERALL NOMINAL SIZE:

DESIGN PRESSURE RATING:

USABLE CONSIDERATIONS:

NOT RECORDED IN/ON 7/20/2020

SIZE CHART			DP RATING
OVERALL SIZE		CIRCLED ANCHOR LOCATIONS REQUIRED?	
WIDTH "W"	HEIGHT "H"		
48"	80"	NO	#25 PSF
48"	80"	NO	#35 PSF
52"	71"	NO	#40 PSF
53"	80"	YES	#40 PSF
56"	63"	NO	#50 PSF
36"	74"	NO	#55 PSF
36"	72"	YES	#55 PSF



NOTES

1. This installation has been evaluated for use in locations adhering to the Florida Building Code outside the HVHZ, and where pressure requirements as determined by ASCE 7-10 are not exceeded.
2. Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein.
3. Anchor type, size, spacing, embedment, and edge distance shall be as specified in these drawings. Use appropriate anchorage from Table 1 according to substrate type. A minimum center-to-center spacing of 3" shall be maintained between all Elco Ultrasonics in any direction.
4. All interior and exterior perimeter surfaces of the window must be caulked.
5. Minimum center-to-center spacing of 3" shall be maintained between all Elco Ultrasonics in any direction.
6. Anchor embedment to substrate shall be beyond wall dressing or stucco. For masonry openings with wood bucks less than 1-1/2" thick, embedment shall be beyond wood bucks, if used, and into masonry substrate. Wood bucks with masonry are optional.
7. Wood or masonry openings, bucks, and buck fasteners, by others, shall be properly designed and installed to transfer wind loads to the structure.
8. The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
9. Shims are required where gaps of greater than 1/16" exist between opening and frame. Max. shim stack is 1/4". Shims shall be load-bearing and capable of transferring loads to the substrate.
10. When used in areas requiring impact protection, this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
11. Sealing and flashing by others should be applied using the ASTM E 2112 methodology appropriate for the opening into which the product is being installed. Overall water penetration resistance of the installed product is not addressed in this drawing and is the responsibility of others.
12. Glazing shall comply with ASTM E 1300.
13. All fasteners penetrating into pressure treated wood shall be capable of preventing corrosion due to reaction with pressure treatment chemicals. Any dissimilar materials that come into contact shall be protected to prevent reactions in accordance with code requirements.
14. A wind load duration factor Cd = 1.6 was used for the analysis of wood screws only.
15. Products shall be constructed as specified in Test Reports ATI-A5899-01-501-47, ATI-C9025-01-501-47, ATI-D2914-01-109-47, and ATI-D2916-01-109-47.
16. Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
17. Use a backer rod on all joints > 3/4" deep and/or wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep.

TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED DISTANCE	MIN. EDGE DISTANCE
A	CONCRETE (2 KSI)-FILLED CMU	3/16" ITW TAPCON	1-1/2"	1-1/8"
B	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
C	2X MIN. SOUTHERN PINE WOOD (G=0.55)	3/16" ITW TAPCON	1-3/8"	7/8"
D	2X MIN. SOUTHERN PINE WOOD	#10 WOOD SCREW	1-3/8"	7/8"
E	16 GAGE (0.060") MIN. STEEL STUD, 3X3X5 YIELD MIN.	SELF-DRILLING SCREW	1/2"	
F	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	1/2"	

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2025-01-01

MATERIAL:

RMS FINISH:

RMS FINISH: _____
EXCEPT AS NOTED

ALLOY & TEMPER:

WEIGHT:

SURFACE AREA:

FINISH TREATMENT:

1000

Dimensional Tolerances

**Dimensional Tolerances
Unless Otherwise Specified**

Decimals	Angles
0.1	9°
0.2	18°
0.3	27°
0.4	36°
0.5	45°
0.6	54°
0.7	63°
0.8	72°
0.9	81°
1.0	90°

 $\bar{X} \pm .03$
 $YY + 01$
 № 30 м/л $XX \pm .005$

SIZE	DRAWING NO.:	REV.
B	IN0132	12
DRAWN BY:		DATE:

DRAWN BY: T.D.D.	DATE: 08/30/07
---------------------	-------------------

CHECKED BY:	DATE:
-------------	-------

APPRVD BY:	DATE:
------------	-------

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07/07/2008

CONCLUSION

MODEL DESIGNATION:

Simonton Double Hung Series 75-7S / 75-09 / 07-75 /
07-09 / 07-10 / 07-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATINGS:

See Size Chart

USABLE CONFIGURATIONS:

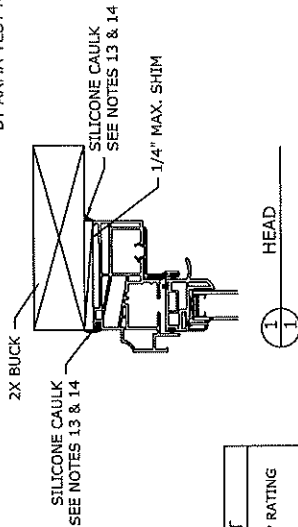
X
X

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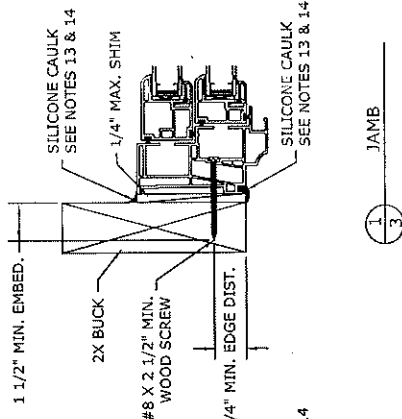
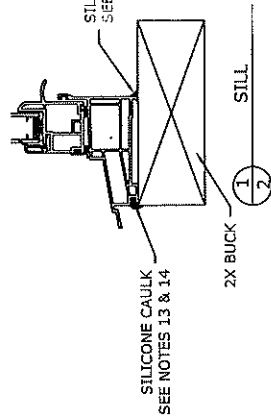
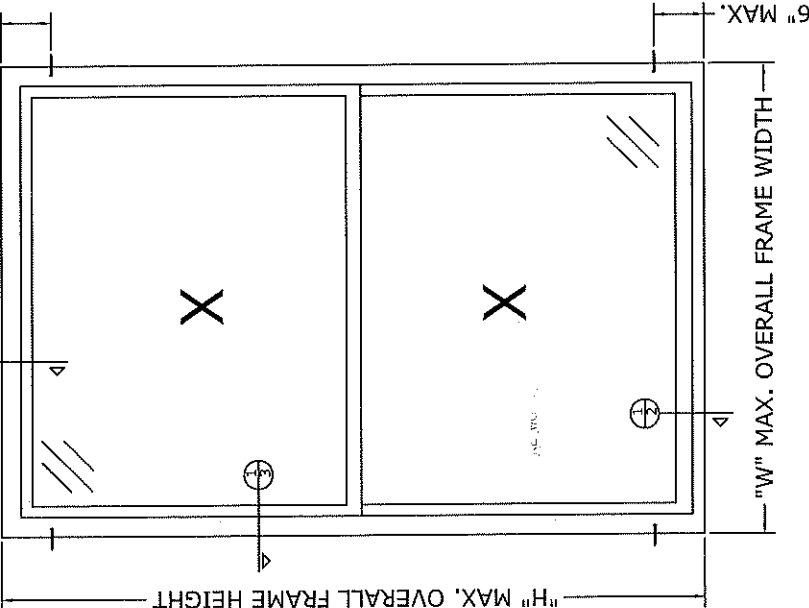
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

**NO P.E. SEAL REQUIRED
INSTALLATION SUPPORTED
BY AAMA TEST REPORTS**

REV. #	REVISIONS:	REVISED BY:	DATE:
10	UPDATED SIZES PER NEW TESTING.	T.D.D.	01/29/14
11	ADDED MIN. EDGE DISTANCE NOTES	GJM	06/16/15
12	ADDED NEW SIZE TO CHART	LMM	07/10/15
13	ADDED NOTES 12 & 13 - AAMA 800	LMM	08/18/16
14	UPDATED SIZES PER NEW TESTING.	LMM	04/11/18



SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"	HEIGHT "H"	
48"	80"	±25 PSF
53"	74"	±30 PSF
48"	80"	±35 PSF
52"	71"	±40 PSF
53"	80"	±50 PSF
36"	63"	±50 PSF
36"	74"	±55 PSF
36"	72"	±55 PSF



NOTES:

1. This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
2. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
3. Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
4. The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
5. Shims are optional. Max. shim stack is 1/4".
6. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
7. When used in areas requiring impact protection this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
8. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
9. Installation screws must be at least 3/4" from the edge of the wood.
10. Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
11. This product complies with ASTM E 1300.
12. Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
13. Use 100% pure silicone caulk compliant with AAMA 800 Section 1 - Sealant Specifications for use with Architectural Fenestration Products. For more details visit Simonton.com.
14. Use a backer rod on all joints > 3/4" deep and/or wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep.

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FILE: R_5176.13

SIMONTON W I N D O W S 1 Cochran Avenue Pemberton, NJ 08065		SIZE/DRAWING NO.: B JND113	REV.: 14
DRAWN BY: DATE: 02/02/07		CHECKED BY: DATE:	
SCALE: 1/8" = 1'-0"	SHEET: 1 of 1	APPROVED BY: DATE:	
SERIES: 75-7S / 75-09 / 07-75 / 07-09 / 07-10 / 07-20 DOUBLE HUNG			
TITLE: 2X BUCK INSTALLATION (AS TESTED)			



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FL #

Application Type

Code Version

Application Status

Comments

Archived

Product Manufacturer

Address/Phone/Email

Authorized Signature

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Compliance Method

Certification Agency

Validated By

Referenced Standard and Year (of Standard)

Equivalence of Product Standards
Certified By

FL5167-R42

Affirmation

2023

Approved

FL5167.15

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luanne.harris@cornerstone-bb.com

AAMA

1827 Walden Office Square

Suite 550

Schaumburg, IL 60173

(847) 303-5664

webmaster@aamanet.org

Windows

Double Hung

Certification Mark or Listing

Fenestration and Glazing Industry Alliance (formerly AAMA)

Fenestration and Glazing Industry Alliance (formerly AAMA)

Standard

AAMA 450

AAMA/WDMA/CSA 101/I.S.2 A440

AAMA/WDMA/CSA 101/I.S.2 A440

Year

2010

2011

2008

☒ 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.

		03/25/2025 Installation Instructions FL5167 R42 II IN0113 75-75 75-09 07-75 07-09 07-10 07-20 DH 2X.pdf FL5167 R42 II IN0132 75-75 75-09 07-09 07-10 07-20 DH-1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R42 AE EvalReport-IN0132-R12.pdf Created by Independent Third Party: Yes
5167.16	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Double Hung H-Mulled Triple Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 109x74 (+/-50 PSF) Certification Agency Certificate FL5167 R42 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R42 C CAC 07-75 waiver to 07-09.pdf FL5167 R42 C CAC 75-75 DH Triple 109x74 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167 R42 II IN0060 75-75 DH Triple or Twin 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung H-Mulled Twin with Transom Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x111 *Glazing complies with ASTM E 1300-04. Certification Agency Certificate FL5167 R42 C CAC 07-75 waiver to 07-09.pdf FL5167 R42 C CAC 75-75 DH Twin w-Transom 73x111 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167 R42 II IN0062 75-75 DH Twin w Transom 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R42 AE EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

[Back](#) [Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:



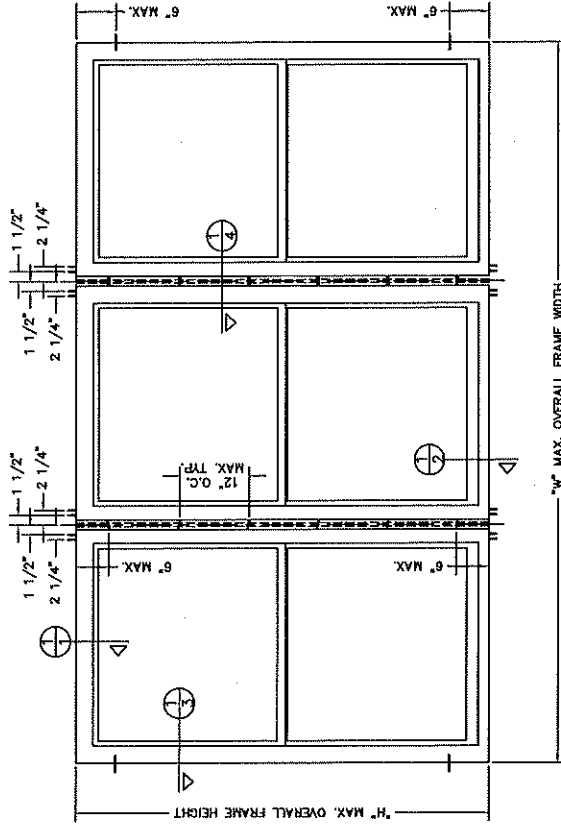
MODEL DESIGNATION: Simonton Double Hung Triple or Twin Series 75-75 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: X X X or X X X

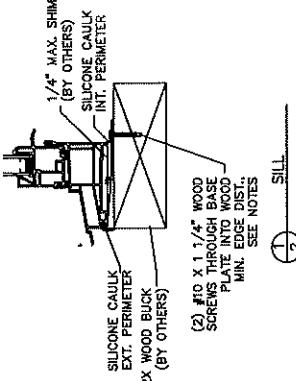
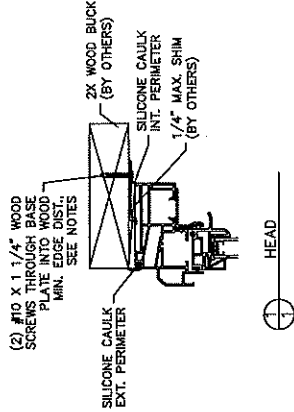
GENERAL DESCRIPTION: The head, sill, and side jamba are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



SIZE CHART			
CONFIGURATION TYPE	OVERALL SIZE	DP RATING	
	WIDTH	HEIGHT	
TRIPLE	109"	74"	±50 PSF
TWIN	73"	74"	±50 PSF

REV #	REVISIONS	REVISED BY	DATE
4	UPDATED SIZES PER NEW TESTING	T.O.D.	06/03/13
5	UPDATED SIZES PER NEW TESTING	T.O.D.	06/26/13
6	ADDED MIN. EDGE DIST. SEE NOTES	LHM	06/19/15
7	ADDED NOTES TO & 11 - AAMA 800 AND PAGE 2	LHM	06/18/16
8	UPDATED NOTES 9 & 11	LHM	11/13/17

NO P.E. SEAL REQUIRED. INSTALLATION SUPPORTED BY AAMA TEST REPORTS



NOTES:

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN. FOR USE OUTSIDE THE H.V.H.Z. ONLY.
- ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
- ANCHORS SHALL BE SPECIFIED AND SPACED AS SHOWN. ANCHOR EMBEDMENT INTO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO AND INTO WOOD. ANCHORS MUST ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD AND MAINTAIN A MINIMUM EDGE DISTANCE OF 1".
- THE RESPONSIBILITY FOR SELECTION OF SIMONTON PRODUCTS TO MEET ANY APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES OR OTHER SAFETY REQUIREMENTS RESTS SOLELY WITH THE ARCHITECT, BUILDING OWNER OR CONTRACTOR.
- SHIMS (BY OTHERS) ARE OPTIONAL. MAXIMUM SHIM STACK IS 1/2".
- WOOD BUCKS (BY OTHERS) MUST BE ENGINEERED AND ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
- FLASHING (BY OTHERS) MUST BE APPLIED USING THE ASTM E 2112 METHOD APPROPRIATE FOR THE OPENING INTO WHICH THE WINDOW IS BEING INSTALLED.
- GLAZING COMPLIES WITH ASTM E 1300.
- USE 100% PURE SILICONE CAULK COMPLIANT WITH AAMA 808 SECTION 5 - SEALANT SPECIFICATIONS FOR USE WITH ARCHITECTURAL PENETRATION PRODUCTS. MAKE SURE SURFACES ARE COMPLETELY FREE FROM ALL OLD CAULK, DAMAGED WOOD, WOOD FIBERS, GREASE, OIL DIRT, RUST, MOLD OR SIMILAR CONTAMINANTS. VACUUM AND CLEAN OPENING SURFACES COMPLETELY. A FULLY PRIMED SURFACE IS RECOMMENDED, BUT NOT REQUIRED. CLEANING OF ALL SURFACES SHOULD BE DONE THE SAME DAY OF WHICH THE SILICONE CAULK IS TO BE APPLIED. FOR MORE DETAILS VISIT SIMONTON.COM.
- CULK APPLICATION: RECOMMENDED AIR AND SURFACE TEMPERATURES AT THE TIME OF APPLICATION ARE TO BE BETWEEN 40 AND 90 DEGREES F. INSURE ALL CONTACT SURFACES ARE CLEAN AND DRY INCLUDING THE NEW WINDOW(S). USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP AND MAKE FULL CONTACT WITH BOTH THE NEW WINDOW AND STRUCTURAL OPENING SURFACES. SILICONE CAULK SHOULD BE FORCED INTO JOINT OR COMPRESSED TO ASSURE FULL CONTACT ON BOTH SURFACES AND TO EXPEL ANY AIR POCKETS.

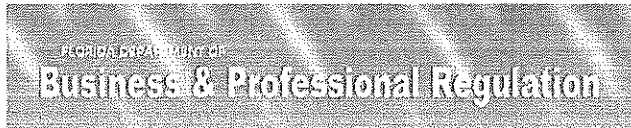
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MATERIAL		FINISH	
Dimensional Tolerances	Universal Connector Submittal	ALLOY & TEMPER	AS NOTED
Decimals	Angles	WEIGHT	
X ± .03		VOLUME	
.XX ± .01		SURFACE AREA	
.XXX ± .005		PERIMETER	
FINISH TREATMENT:			

SIMONTON®		DRAWING NO. REV.:	
W I N D O W S		B	IN0060
1 Cochran Avenue		DRAWN BY: DATE	
Pennsboro, NJ 08451		CHECKED BY: DATE	
		SCALE: FIT	SHEET 1 of 1
		SERIES: 75-75 TRIPLE or TWIN H-MULLED DOUBLE HUNG	
		TITLE: 1X BUCK INSTALLATION	

FILE # 516716



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Product Approval
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FL #

FL14787-R5

Application Type

Affirmation

Code Version

2023

Application Status

Approved

Comments

Archived



Product Manufacturer

Simonton

Address/Phone/Email

5020 Weston Parkway
Suite 300
Cary, NC 27513
(614) 307-3278
luanne.harris@cornerstone-bb.com

Authorized Signature

Luanne Harris
luanne.harris@cornerstone-bb.com

Technical Representative

Luanne Harris

Address/Phone/Email

3948 Townsfair Way
Suite 200
Columbus, OH 43219
(614) 532-3596
luanne.harris@simonton.com

Quality Assurance Representative

AAMA

Address/Phone/Email

1827 Walden Office Square
Suite 550
Schaumburg, IL 60173
(847) 303-5664
webmaster@aamanet.org

Category

Windows

Subcategory

Mullions

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

Lucas A. Turner

Florida License

PE-58201

Quality Assurance Entity

Architectural Testing, Inc., an Intertek Company

Quality Assurance Contract Expiration Date

12/31/2026

Validated By

Scott Wolters, PE

☐ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL14787_R5_COI_EvalReport-RM0015Br7.pdf](#)

Referenced Standard and Year (of Standard)

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

[FL14787_R5_COC_8thEdFBC-FL14787.pdf](#)

Product Approval Method

Method 2 Option B

Date Submitted

10/11/2023

Date Validated

10/11/2023

Date Pending FBC Approval

Date Approved

10/19/2023

Summary of Products

FL #	Model, Number or Name	Description
14787.1	Reinforced Stand Alone Mullions Non-Impact	Extruded Vinyl Mullions with Aluminum Reinforcement
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Design pressure ratings vary by unit and mullion size. See installation drawings for applicable design pressure rating.		Installation Instructions FL14787_R5_II_RM0015Br7.pdf Verified By: Lucas A.Turner PE #58201 Created by Independent Third Party: Yes Evaluation Reports FL14787_R5_AE_EvalReport-RM0015Br7.pdf Created by Independent Third Party: Yes

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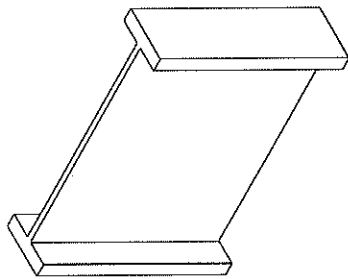
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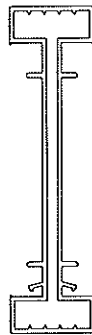
Product Approval Accepts:



EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES



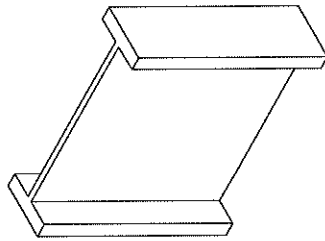
LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063-T6



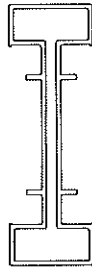
5000 FIN & J FRAME VINYL
H-MULLION COVER #VPI-573
EXTRUDED VINYL 0.071" MIN.

PRODUCT DESCRIPTION:

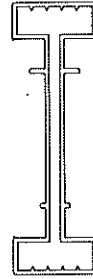
1. ALL MULLION REINFORCEMENTS ARE EXTRUDED ALUMINUM 6063-T6.
2. ALL MULLION COVERS ARE EXTRUDED VINYL. SEE ABOVE FOR INDIVIDUAL MULLION THICKNESS.



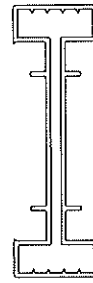
LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



PROFINISH LARGE VINYL
H-MULLION COVER #VPI-560
EXTRUDED VINYL 0.079" MIN.



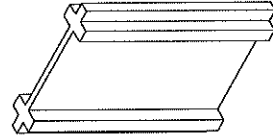
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



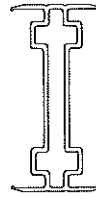
4000 SERIES LARGE VINYL
H-MULLION COVER #VPI-354A
EXTRUDED VINYL 0.071" MIN.

MULLIONS MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

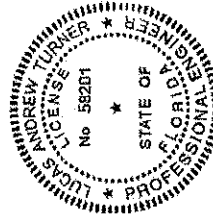
REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, updated general notes and added new mullion covers.	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP	
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.	
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet 1	10/03/2017	LMH	



MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



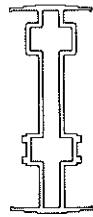
PROFINISH MEDIUM VINYL
H-MULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



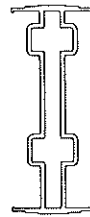
Lucas
Turner
2017-10-18
11:15+20:00



MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



RETROFIT MEDIUM VINYL
H-MULLION COVER #VPI-436
EXTRUDED VINYL 0.070" MIN.



4000 SERIES MEDIUM VINYL
H-MULLION COVER #MPO347
EXTRUDED VINYL 0.070" MIN.

GENERAL NOTES:

- GENERAL NOTES:
1. THE FOUR (4) MILLION PRODUCTS MEET THE CURRENT FLORIDA BUILDING CODE SECTION 1709.8, ANALYSING L/175 DEFLECTION LIMIT, LOAD TRANSFER, AND FIBERSTRESS ANALYSES IN THE DESIGN PRESSURES SHOWN IN THE TABLES. IN THIS DRAWING, THE ANALYSES DID NOT ADDRESS AIR OR WATER INFILTRATION. OVERALL WINDOW ASSEMBLY ALLOWABLE DESIGN PRESSURES SHALL BE THE LOWER OF THE MILLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
 2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.
- DATE: 12/15/2017
DRAWN BY: JZ
CHECKED BY: JZ
APPROVED BY: JZ
PROJECT: 1709.8
SHEET: 1709.8

SIMONTON
WINDOWS

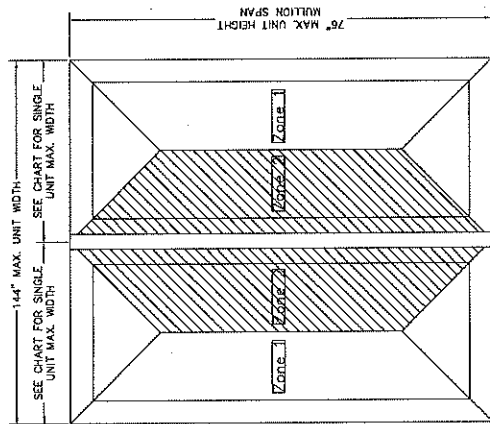
TABLE OF CONTENTS	
	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0146
3	DESIGN PRESSURES FOR REINFORCEMENT 16991
4	DESIGN PRESSURES FOR REINFORCEMENT 16990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS—WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS—MASONRY/CONC. SUBSTRATE

[illegible]

SIMONTON
 1 CUDRANE AVE. FARMERSBURG, WV 26415
 PH. 800-456-2749

**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT**

1" ALL NON-IMPACT WINDOW SERIES



MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

ALL FIN & J FRAMES H-MULLION
 LARGE VINYL MULLION COVER #VPI-573
 EXTRUDED VINYL .071" MIN.

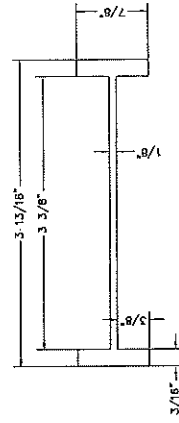
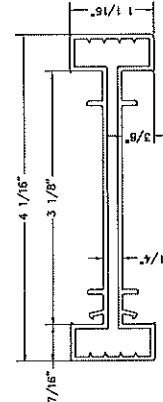
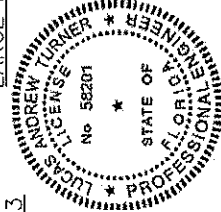


TABLE A - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION # CM0146

Million Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72			
40	75	75	75	75	75	75	75	75	75	75	75	75	75			
44	75	75	75	75	75	75	75	75	75	75	75	75	75			
48	75	75	75	75	75	75	75	75	75	75	75	75	75			
52	75	75	75	75	75	75	75	75	75	75	75	75	75			
56	75	75	75	75	75	75	75	75	75	75	75	75	75			
60	75	75	75	75	75	75	75	75	75	75	75	75	75			
64	75	75	75	65	65	65	65	65	60	60	60	60	60			
68	75	65	65	55	55	55	55	55	55	55	55	55	55			
72	75	65	55	55	55	55	55	55	50	50	50	45	45			
76	75	65	55	55	55	55	45	45	45	45	45	45	45			
80	65	60	55	50	45	40	40	40	40	40	40	40	40			
84	65	55	50	45	40	40	35	35	35	35	35	35	35			
88	65	55	45	45	40	35	35	35	30	30	30	30	30			
92	55	50	45	40	35	35	35	30	30	30	25	25	25			
96	55	45	40	40	35	35	30	30	30	25	25	25	25			

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sht. 1.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH



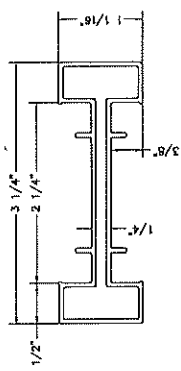
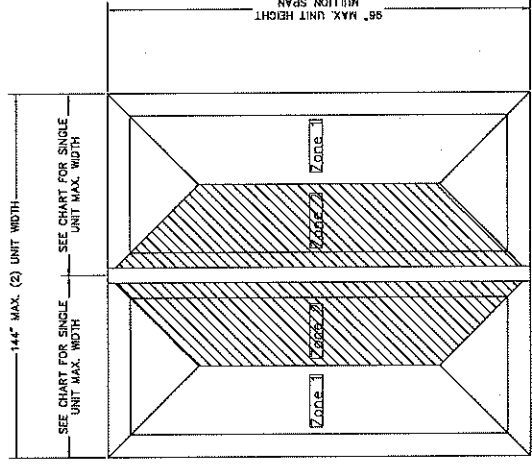
SIMONTON
 1 CUDRANE AVE. FARMERSBURG, WV 26415
 PH. 800-456-2749

**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT**

1" ALL NON-IMPACT WINDOW SERIES

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMONTON
 1 COCHRAN AVE. FENNERSD, WV 26115
 PH. 800-458-2249
 EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES



PROFINISH H-MULLION
 LARGE VINYL MULLION COVER #VPI-560
 EXTRUDED VINYL .079" MIN.

MAXIMUM SINGLE WINDOW WIDTH

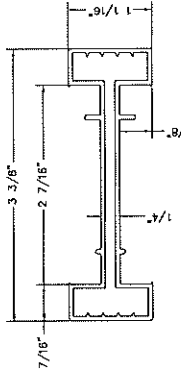
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

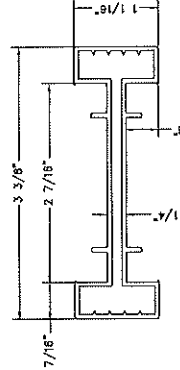
SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

TABLE B -- MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16991

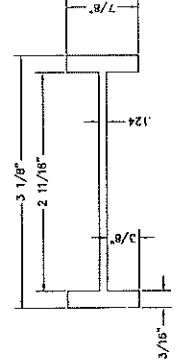
		Individual Unit Width																Mullion Length	
		24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
80	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
84	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
88	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
92	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
96	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



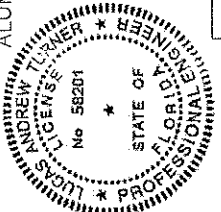
RETROFIT H-MULLION
 LARGE VINYL MULLION COVER #VPI-354
 EXTRUDED VINYL .071" MIN.



4000 SERIES RETROFIT H-MULLION
 LARGE VINYL MULLION COVER #VPI-354
 EXTRUDED VINYL .071" MIN.



LARGE MULL REINFORCEMENT #16991
 ALUMINUM 6063-T6

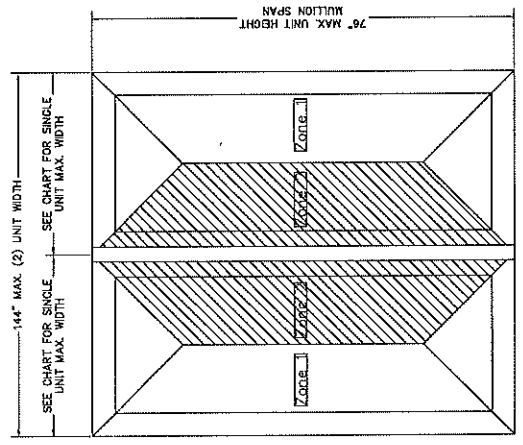


REV. 1	DATE 04/15/2011	BY JRM
2	DATE 01/20/2012	CAP
3	DATE 06/20/2012	T.D.D.
4	DATE 04/25/2015	LAT
5	DATE 10/03/2017	LMH

SIMONTON
 1 COCHRAN AVE. FENNERSD, WV 26115
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 EXTRUDED NON-IMPACT VINYL MULLIONS

SIMONTON
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**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES**



MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

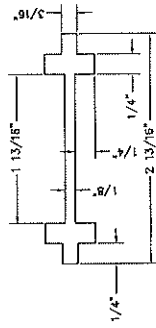
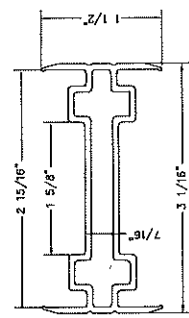
MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Adopted Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet.	01/20/2012	CAP
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

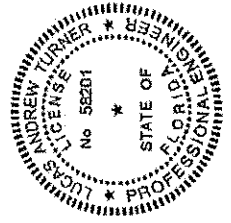
TABLE C - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION #16990

Mullion Length	Individual Unit Width													
	24	28	32	36	40	44	48	52	56	60	64	68	72	
40	75	75	75	75	75	75	75	75	75	75	75	75	75	
44	75	75	75	75	75	75	75	75	75	75	75	75	75	
48	75	75	75	75	75	75	75	75	75	75	75	75	75	
52	75	75	75	75	75	75	75	75	75	75	75	75	75	
56	75	75	75	65	60	55	55	55	55	55	55	55	55	
60	75	60	55	50	45	45	45	40	40	40	40	40	40	
64	60	50	45	40	40	35	35	35	30	30	30	30	30	
68	45	40	35	35	35	30	25	25	25	25	25	25	25	
72	40	35	30	25	25	25	20	20	20	20	20	20	20	
76	35	30	25	20	20	20	20	15	15	15	15	15	15	



MEDIUM H-MULLION VINYL COVER #V346A
 ALL NEW CONSTRUCTION
 EXTRUDED VINYL .071" MIN.

MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6

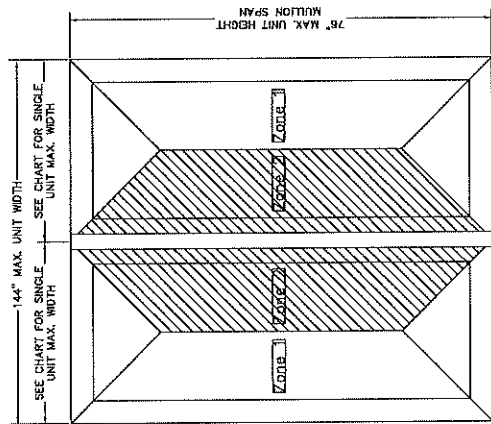


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**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES**

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMONTON
 1 COOPER AVE. FARMERSBURG, WV 26415
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 EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

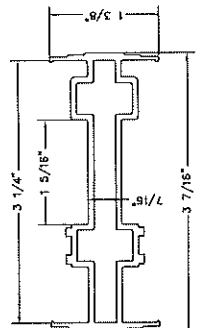


MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	56"
FIXED	96"

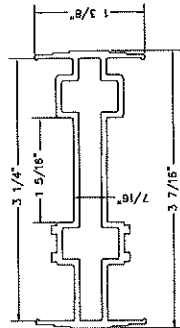
MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

TABLE D — MAXIMUM DESIGN PRESSURES (PSF)
 MULLION # 20634

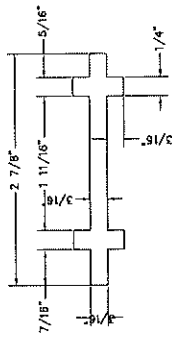
Mullion Length		Individual Unit Width															
		24	28	32	36	40	44	48	52	56	60	64	68	72			
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



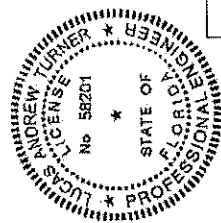
MEDIUM H—MULLION VINYL COVER #VPI—436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.



MEDIUM H—MULLION VINYL COVER #VPI—436
 FOR ANY RETROFIT HOOKED FRAME
 EXTRUDED VINYL .070" MIN.



MEDIUM MULLION REINFORCEMENT #20634
 ALUMINUM 6063—T6



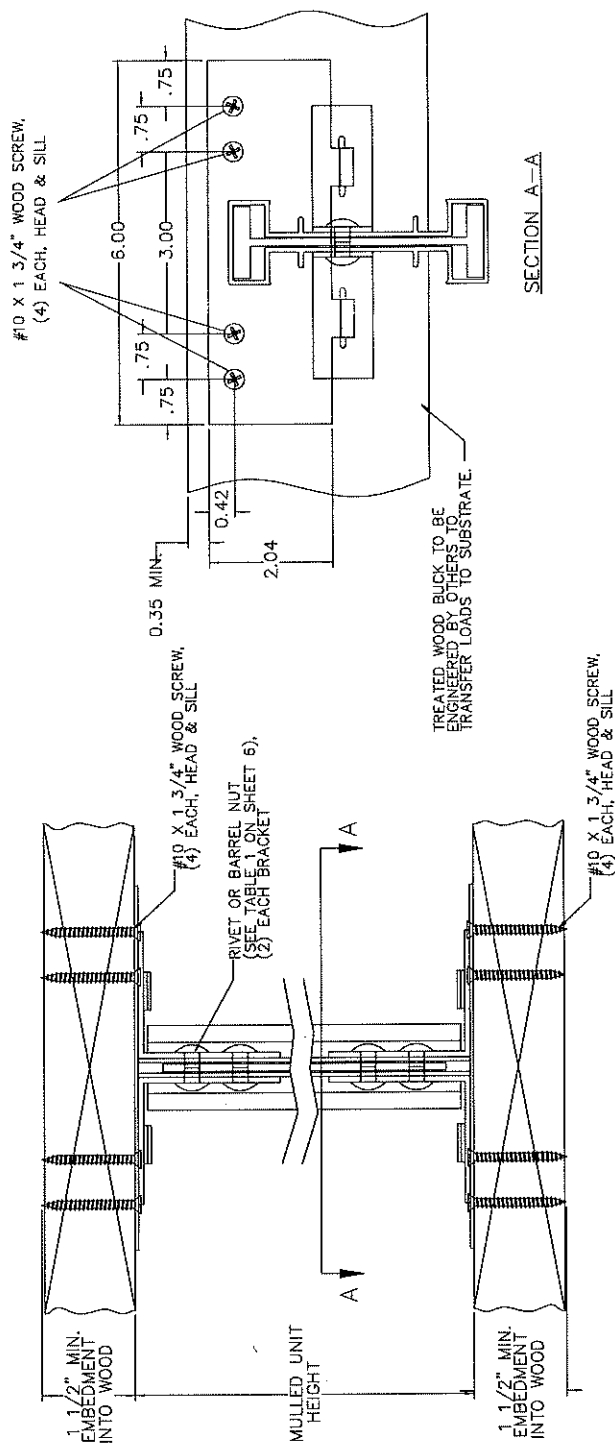
REVISED	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet.	CAP
5	Updated DR ratings chart and added new mullion covers.	T.D.D.
6	Revised per 5th Ed. (2014) FBC	LAT
7	Updated Note 1, Sheet 1	LMH

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMANTON
PAPER

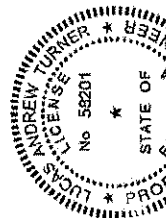
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PH. 800-425-2249

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, updated general notes sheet 1.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet 1.	01/20/2012	CAP
5	Updated per ratings chart and added new mullion covers.	05/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH



VERTICAL CROSS SECTION
WITH 2X WOOD SUBSTRATE

SECTION A-A



NOTES

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ATTACHMENTS SHALL HAVE 1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM WOOD EDGE DISTANCE.
4. WOODWORK SHALL BE TREATED WITH AN APPROPRIATE PRESERVATIVE.
5. ATTACHMENT BE FLEATED "2" SURFACE, PINE OR FIR.
6. #10 TO WOOD SCREWS SHALL BE STEEL CONFORMING TO ASTM A 653.
7. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
8. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.
9. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.

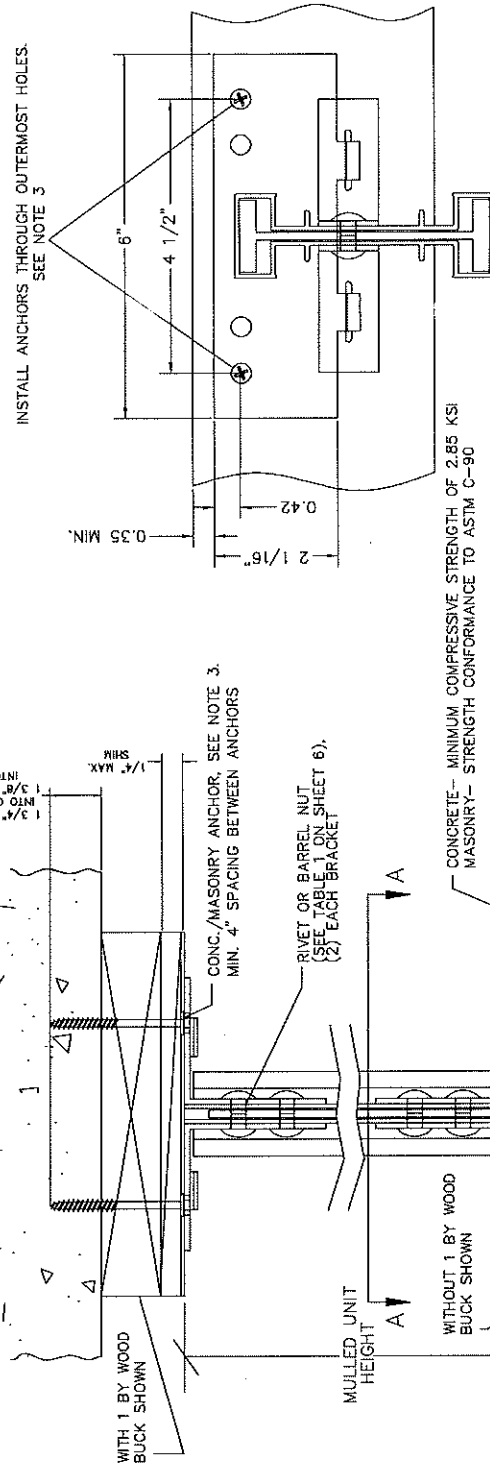
77	10/15/2017	JAMES A. SIMMONS P.E. 10000 W. 10TH AVE. SUITE 200 DENVER, CO 80202 PHONE: 303.733.1514 FAX: 303.733.1514 EMAIL: JAMES@JASIMMONS.COM WWW.JASIMMONS.COM
77 0.75% 1.00m ² 7.68 100% 3218/08 3218/12 3218/12	SIMMONS 100% 3218/08 3218/12 3218/12	JASIMMONS.COM 100% 3218/08 3218/12 3218/12

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 TEL 800-465-2248

EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP
5	Updated DR ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

CONCRETE- MINIMUM COMPRESSIVE STRENGTH OF 2.85 KSI,
 MASONRY- STRENGTH CONFORMANCE TO ASTM C-90



SECTION A-A



VERTICAL CROSS SECTION WITH
 MASONRY/CONCRETE SUBSTRATE

NOTES:

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS IN GROUT-FILLED CMU BLOCK (ASTM C-90 COMPLIANT) SHALL BE 1/4" ELCO ULTRACONS WITH 1 3/8" MIN. EMBED. TO BLOCK, AND 1" MIN. EDGE DIST. ANCHORS IN SOLID CONCRETE (2.85 KSI MIN.) SHALL BE 3/16" ITW TAPCONS OR 1/4" ELCO ULTRACONS WITH 1 3/4" MIN. EMBED. TO CONCRETE, AND 1 1/8" MIN. EDGE DIST.
4. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
5. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
6. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
7. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.
8. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.

		10/03/2017 Lucas A. Turner, P.E. 100 S. 10th St., Suite 100 Fort Lauderdale, FL 33304
22	10/03/2017 Andrew Turner 100 S. 10th St., Suite 100 Fort Lauderdale, FL 33304	10/03/2017 Andrew Turner 100 S. 10th St., Suite 100 Fort Lauderdale, FL 33304