



Product Approval
USER: Public User

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OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

FL5167-R41

Revision

2020

Approved

FL5167.15

DH 6500

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

Comments

Archived



Product Manufacturer

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Authorized Signature

Luanne Harris

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Category

Subcategory

Windows

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

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

Product Approval Method

Method 1 Option A

		Installation Instructions FL5167 R41 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 PFS), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF), 46x84 (+/-25)	Certification Agency Certificate FL5167 R41 C CAC 43-40 DH (10390) 32x62 PG50.pdf FL5167 R41 C CAC 43-40 DH (10592) 44x63 PG35.pdf FL5167 R41 C CAC 43-40 DH (12109) 46x84 R-PG25.pdf FL5167 R41 C CAC 43-40 DH (12110) 44x63 R-PG45.pdf FL5167 R41 C CAC 43-40 DH 36x63-R45.pdf FL5167 R41 C CAC 43-40 DH 36x72-R30.pdf FL5167 R41 C CAC 43-40 DH 36x74 R-PG50.pdf FL5167 R41 C CAC 43-40 DH 48x80 R-PG35.pdf FL5167 R41 C CAC 43-40 DH 52x71-R35.pdf FL5167 R41 C CAC 43-45 DH 52x71 R-PG35.pdf FL5167 R41 C CAC 43-45 waiver to 43-40.pdf Quality Assurance Contract Expiration Date 09/12/2026 Installation Instructions FL5167 R41 II IN0432b 43-40 43-45 DH-2X.pdf FL5167 R41 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 R41 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 R41 C CAC 43-50 DH 32x62-R50.pdf FL5167 R41 C CAC 43-50 DH 36x63-R45.pdf FL5167 R41 C CAC 43-50 DH 36x74-R50.pdf FL5167 R41 C CAC 43-50 DH 44x63-R45.pdf FL5167 R41 C CAC 43-50 DH 52x71-R35.pdf Quality Assurance Contract Expiration Date 01/25/2026 Installation Instructions FL5167 R41 II IN0432 43-50 DH 2X.pdf FL5167 R41 II IN0569 43-50 DH 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167 R41 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 R41 C CAC 07-75 DH (11945) 48x80 R-PG35.pdf FL5167 R41 C CAC 07-75 DH (12084) 53x74 R-PG30.pdf FL5167 R41 C CAC 07-75 DH 53x80 R-PG40.pdf FL5167 R41 C CAC 75-75 DH (11047) 48x80 PG25.pdf FL5167 R41 C CAC 75-75 DH (11048) 36x63 PG50.pdf FL5167 R41 C CAC 75-75 DH (11078) 52x71 PG35.pdf FL5167 R41 C CAC 75-75 DH (11339) 36x72 PG55.pdf FL5167 R41 C CAC 75-75 DH 36x74-LC50.pdf FL5167 R41 C CAC ACP-05 SIM 07-75 DH HS PW frame 07-09.pdf FL5167 R41 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 R41 II IN0113 75-75 75-09 07-75 07-09 07-10 07-20 DH 2X.pdf FL5167 R41 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 R41 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 R41 C CAC 07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167 R41 C CAC 07-75 waiver to 07-09.pdf FL5167 R41 C CAC 75-75 DH Triple 109x74 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167 R41 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 R41 C CAC 07-75 waiver to 07-09.pdf FL5167 R41 C CAC 75-75 DH Twin w-Transom 73x111 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167 R41 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 R41 AE EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

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

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Product Approval Accepts:



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

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

MODEL DESIGNATION:
Simonton Double Hung Series 75-75 / 75-09 / 07-75 /
07-09 / 07-10 / 07-20 Vinyl Window

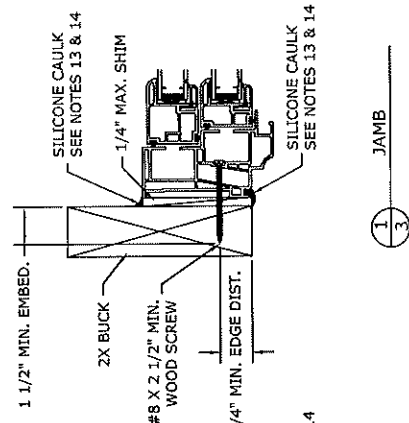
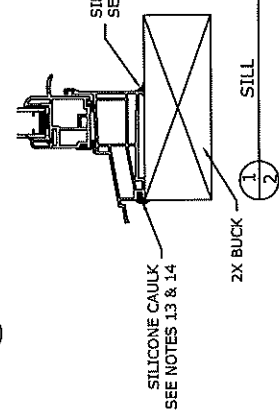
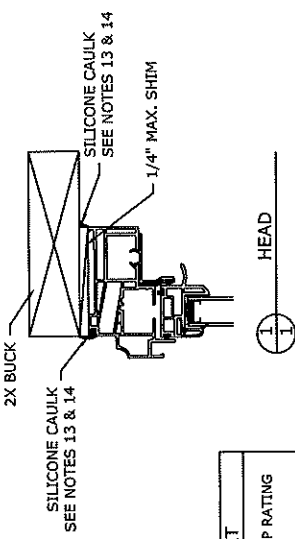
MAXIMUM OVERALL NOMINAL SIZE:
See Size Chart

DESIGN PRESSURE RATING:
See Size Chart

USABLE CONFIGURATIONS:
X
X

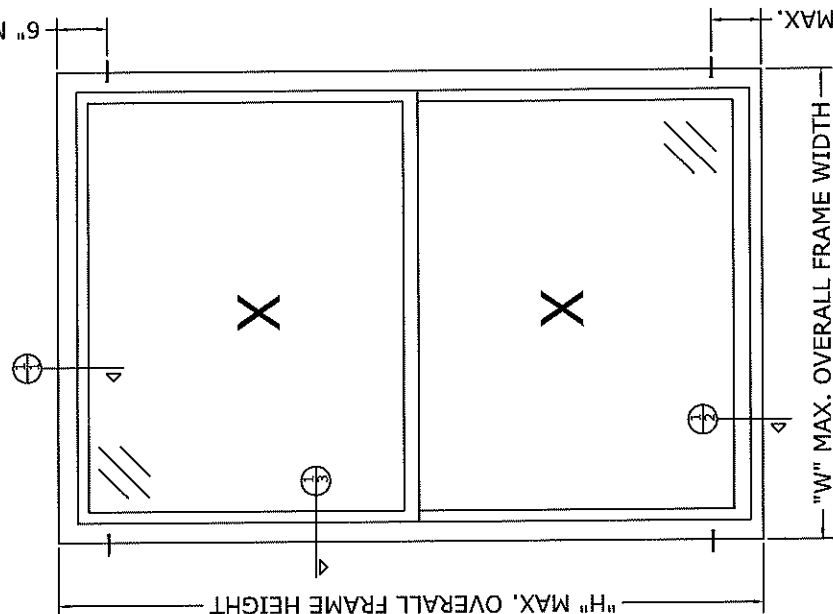
GENERAL DESCRIPTION:
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

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"	±40 PSF
36"	63"	±50 PSF
36"	74"	±50 PSF
36"	72"	±55 PSF



NOTES:

- 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.
- All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
- Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
- 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 are optional. Max. shim stack is 1/4".
- 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 approved impact resistant shutters or other external protection.
- Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
- Installation screws must be at least 3/4" from the edge of the wood.
- Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
- This product complies with ASTM E 1300.
- Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
- 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.
- 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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Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

FL5179-R35

Revision

2020

Approved

FL5179.6-R35

6500 2pnl

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

Comments

Archived



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Quality Assurance Representative

Address/Phone/Email

AAMA

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Schaumburg, IL 60173

(847) 303-5664

webmaster@aamanet.org

Category

Subcategory

Windows

Horizontal Slider

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Fenestration and Glazing Industry Alliance (formerly AAMA)

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

2011

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 (+/-25 PSF), 73x51 (+/-50 PSF), 63x48 (+/-55 PSF), 78x72 (+/-20 PSF), 96x65 (+/-20 PSF), 72x63 (+/-20 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-09_HS_(10859)_78x63_PG25.pdf FL5179_R35_C_CAC_07-09_HS_(10860)_63x48_PG55.pdf FL5179_R35_C_CAC_07-09_HS_(10990)_72x63_R-PG20.pdf FL5179_R35_C_CAC_07-09_HS_(10991)_73x51_PG50.pdf FL5179_R35_C_CAC_07-09-10-20_and_08-09_-10_-20_Waiver.pdf FL5179_R35_C_CAC_07-75_HS_(11692)_78x72_R-PG20.pdf FL5179_R35_C_CAC_07-75_HS_(11693)_96x65_R-PG20.pdf FL5179_R35_C_CAC_ACP-05_SIM_07-75_DH_HS_PW_frame_07-09.pdf Quality Assurance Contract Expiration Date 04/25/2027 Installation Instructions FL5179_R35_II_IN0137_07-09_07-10_07-20_SL_2x.pdf FL5179_R35_II_IN0259_07-09_07-10_07-20_SL_1x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0259-R11.pdf Created by Independent Third Party: Yes
5179.5	07-20 (Fin)	Reflections 5500, Generations, Impressions 9800, PerfeXion Platinum, 6000, 6000EX Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 136x63 (+/-25 PSF), 84X48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-20_EV_136x63_R-PG25.pdf FL5179_R35_C_CAC_07-20_EV_84x48_R55.pdf Quality Assurance Contract Expiration Date 04/20/2025 Installation Instructions FL5179_R35_II_IN0590_07-20_EV_2X_Fin.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5179.6	07-75	6500, 5500 Reflections, 6000, 6000EX Vinyl 2-Lite Horizontal Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 78x63 (+/-25 PSF), 78x63 (+/-40 PSF), 72x48 (+/-45 PSF), 63x48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-75_HS_(11672)_72x48_R-PG45.pdf FL5179_R35_C_CAC_07-75_HS_(11673)_53x48_R-PG55.pdf FL5179_R35_C_CAC_07-75_HS_(11694)_78x63_R-PG25.pdf FL5179_R35_C_CAC_07-75_HS_(12031)_78x63_R-PG40.pdf Quality Assurance Contract Expiration Date 10/15/2027 Installation Instructions FL5179_R35_II_IN0224_75-75_SL_1x.pdf FL5179_R35_II_IN0225_07-75_SL_2x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0224-R8.pdf Created by Independent Third Party: Yes
5179.7	07-75	6500, 5500 Reflections, 6000EX Vinyl 3-Lite Endvent Slider
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 136x63 (+/-25 PSF), 84x63 (+/-30 PSF), 110x63 (+/-40 PSF), 100x48 (+/-45 PSF), 84x48 (+/-55 PSF)		Certification Agency Certificate FL5179_R35_C_CAC_07-75_EV_(11691)_110x63_R-PG40.pdf FL5179_R35_C_CAC_07-75_EV_(11695)_136X63_R-PG25.pdf FL5179_R35_C_CAC_07-75_EV_(11696)_84X63_R-PG30.pdf FL5179_R35_C_CAC_07-75_EV_(11697)_84X48_R-PG55.pdf FL5179_R35_C_CAC_07-75_EV_(11699)_100x48_R-PG45.pdf Quality Assurance Contract Expiration Date 10/15/2027 Installation Instructions FL5179_R35_II_IN0144_75-75_EV_1x.pdf FL5179_R35_II_IN0145_07-75_EV_2x.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5179_R35_AE_EvalReport-IN0144-R11.pdf Created by Independent Third Party: Yes
5179.8	41-18	Profinish BrickMould 300, PerfeXion BM 300 Vinyl 2-Lite Horizontal Slider

REV. #	REVISIONS	REVISED BY	DATE
4	UPDATED SIZES PER NEW TESTING AND ADDED NOTES 15 & 16.	T.O.D.	12/05/11
5	UPDATED SIZES PER NEW TESTING.	T.O.D.	03/19/14
6	ADDED MIN. EDGE DIST. NOTE.	B.L.S.	06/19/15
7	ADDED MULTIPLE SUBSTRATES & O.C. TO SIZE CHART.	L.M.H.	11/27/17
8	UPDATED FOR 7TH EDITION (2020) FBG	L.M.H.	02/15/21

2/15/2021
 LUCAS A. TURNER, P.E.
 FL PE # 58201
 TURNER ENGINEERING &
 CONSULTING, INC.
 (COA # 28779)
 2428 OLD NACHEZ TRACE
 TRAIL, CAMDEN, TN 38320
 PH. 941-380-1574



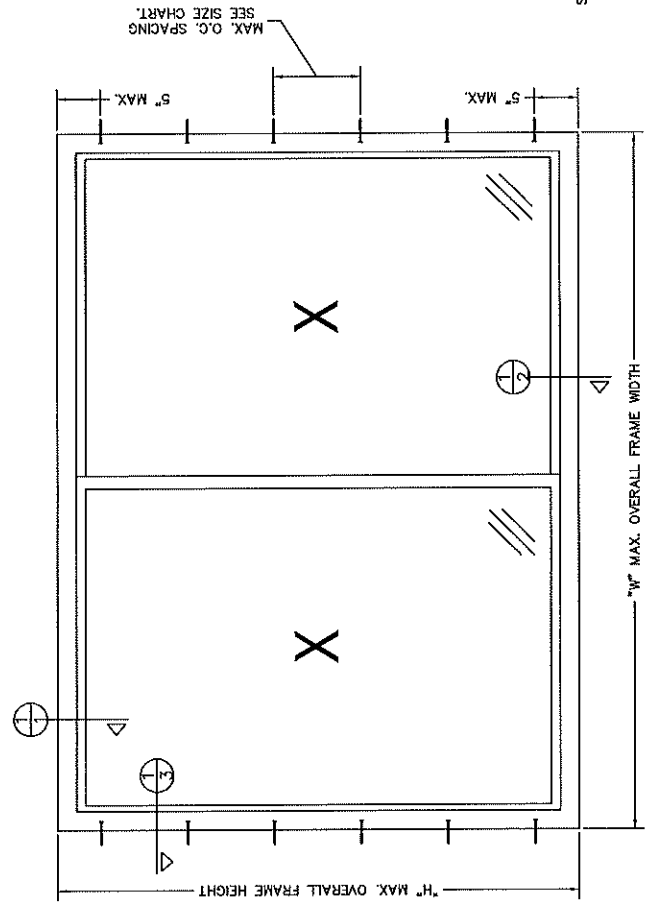
MODEL DESIGNATION: Simonton Horizontal Slider Series 75-75 / 07-09 / 07-10 / 07-20 /

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

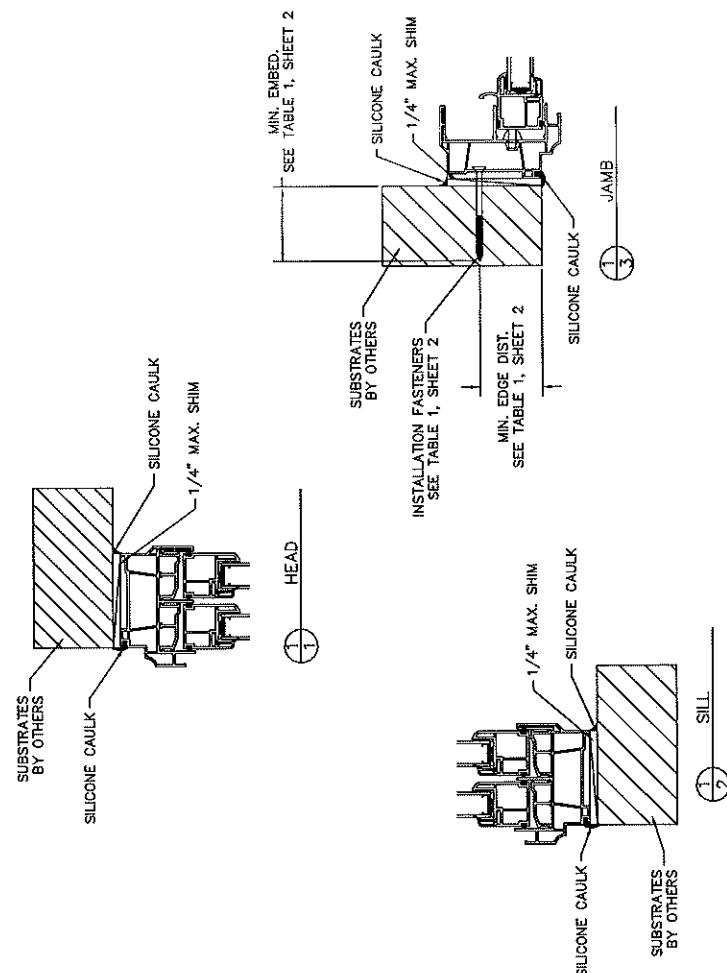
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: XX

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



SIZE CHART			
OVERALL SIZE	O.C. SPACING	DP RATING	
WIDTH "W"	"H"		
78"	63"	18"	±25 PSF
78"	63"	12"	±40 PSF
72"	48"	10"	±45 PSF
63"	48"	10"	±55 PSF



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MATERIAL:
 FINISH: AS NOTED
 ALLOY & TEMPER:
 WEIGHT:
 VOLUME:
 SURFACE AREA:
 PERIMETER:
 FINISH TREATMENT:

Dimensional Tolerances
 Unless Otherwise Specified:
 Decimals Angles
 X ± .03
 XX ± .05
 XXX ± .005
 0° 30 min.
 07-75 / 75-09 / 75-10 / 75-20 SLIDER

SIMONTON
 W I N D O W S
 1 Cochran Avenue
 Panshown, WY 26415
 SCALE: FIT
 SHEET: 1 of 2
 APPROVED BY: DATE:
 DRAWN BY: DATE:
 CHECKED BY: DATE:
 SIZE/DRAWING NO.: REV. 8
 IN0224
 07/29/08

FILE FL 5179

REV. #	REVISIONS	REVISED BY	DATE
4	UPDATED SIZES PER NEW TESTING AND ADDED NOTES 15 & 16.		12/05/11
5	UPDATED SIZES PER NEW TESTING.		03/19/14
6	ADDED MIN. EDGE DIST. NOTE.		06/19/15
7	ADDED MULTIPLE SUBSTRATES & O.C. TO SIZE CHART.		11/27/17
8	UPDATED FOR 7TH EDITION (2020) FBC		02/15/21

2/15/2021
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574



Simonton Horizontal Slider Series 07-75 / 07-09 / 07-10 / 07-20 / 75-09 Vinyl Window

MODEL DESIGNATION: 75-09 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: XX

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

TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DISTANCE
A	CONCRETE (2 KSI MIN.)	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 (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
E	1B GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN. OR 1/8" ALUM. 8063-15 MIN. OR 1/8" STEEL 36 KSI MIN.	#10-16 ITW TEXS SELF-DRILLING SCREW #10 GRADE 5 SELF-TAPPING/DRILLING SCREW	FULL THREAD	1/2"
F			FULL THREAD	1/2"

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 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN.
2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
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 ITW TAPCONS IN ANY DIRECTION.
4. 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.
5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
6. 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.
7. 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.
8. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
9. 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.
10. GLAZING SHALL COMPLY WITH ASTM E 1300.
11. 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.
12. A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
13. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS ATI-D2299.01-501-47, ATI-D2300.01-501-47-R1 AND ATI-D2303.01-501-47-R1.
14. DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
15. 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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MATERIAL:
FINISH FINISH: EXTERIOR AS NOTED
ALLOY & TENSILE:
WEIGHT:
VOLUME:
PERIMETER:
FINISH TREATMENT:

Dimensional Tolerances Unless Otherwise Specified
Decimals Angles
X ± .03
XX ± .01
XXX ± .005
0° 30 min.
07-75 / 75-09 / 75-10 / 75-20 SLIDER
TITLE: 1X BUCK INSTALLATION

SIMONTON®
w i n d o w s
1 Cochran Avenue
Pensacola, FL 32504
SCALE: FIT SHEET: 2 of 2
SERIES: 07-75 / 75-09 / 75-10 / 75-20 SLIDER
TITLE: 1X BUCK INSTALLATION

SIZE/DRAWING NO.: REV: 8
B IN0224
DRAWN BY: JAT
CHECKED BY: DATE: 07/29/08

REV. #	REVISIONS:	DATE:
7	ADDED NOTE 10.	T.D.D. 01/09/12
8	UPDATED NOTES AND CALLOUTS.	T.D.D. 03/20/14
9	ADDED MIN. EDGE DIST. NOTES.	B.J.S. 05/17/15
10	ADDED NOTES 13 & 14 - AAMA 800	L.M.H. 04/14/17
11	UPDATED TO 7TH EDITION (2020) FRC	L.M.H. 02/15/21

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

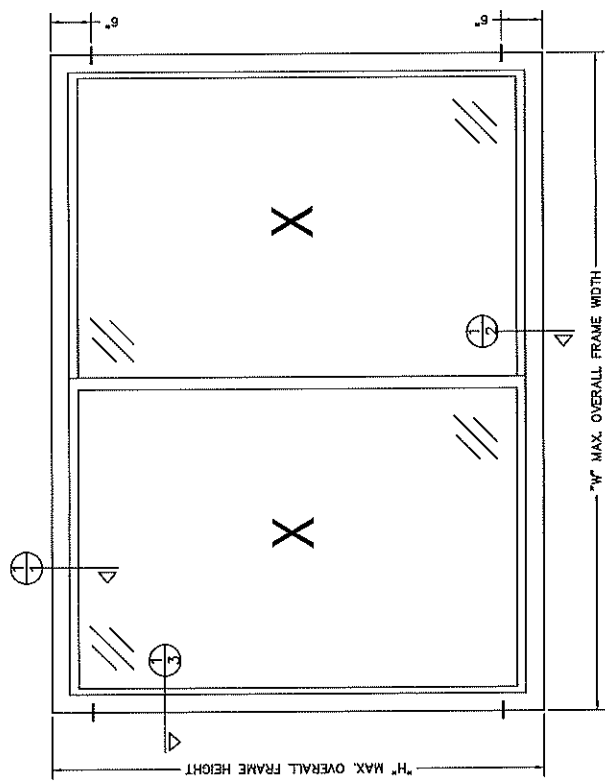
MODEL DESIGNATION:
Simonton Horizontal Slider Series 07-75 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:
See Size Chart

DESIGN PRESSURE RATING:
See Size Chart

USABLE CONFIGURATIONS:
XX

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



SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH	HEIGHT	
"W"	"H"	
78"	63"	±25 PSF
78"	63"	±40 PSF
72"	48"	±45 PSF
63"	48"	±55 PSF

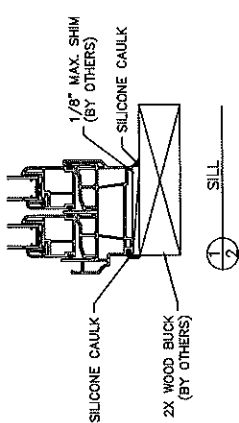
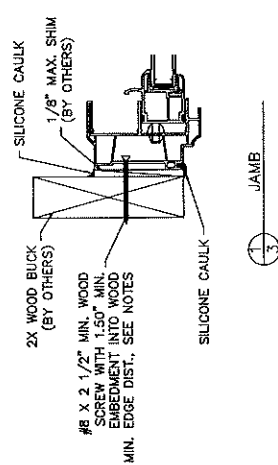
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MATERIAL:
FINISH: EXTERIOR AS MOVED
ALLOY & TEMPER:
WEIGHT:
VOLUME:
SURFACE AREA:
PERIMETER:
FINISH TREATMENT:

Dimensional Tolerances
Unless Otherwise Specified
Decimals
Angles
X ± .03
XX ± .01
XXX ± .005

SIZE DRAWING NO.: REV. 11
DRAWN BY: DATE: 01/09/12
T.D.D.
CHECKED BY: DATE: 03/20/14
B.J.S.
SCALE: 1" = 1' or 1'
SHEET: 1 of 1
APPROVED BY: DATE:
SERIES: 07-75 HORIZONTAL SLIDER
TITLE: 2X BUCK INSTALLATION

- NOTES:
- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE CURRENT 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.
 - ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
 - ANCHORS SHALL BE SPECIFIED AND SPACED AS SHOWN ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO AND INTO WOOD.
 - 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 ARE OPTIONAL. MAXIMUM SHIM STACK IS 1/8".
 - WOOD BUCKS (BY OTHERS) MUST BE ENGINEERED AND ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. WOOD BUCKS SHALL BE SPRUCE-PINE-FIR. WOOD MINIMUM SPECIFIC GRAVITY = 0.42 PSI.
 - WOOD SCREWS MUST BE AT LEAST GRADE 5 FOR UNITS WITH A DESIGN PRESSURE < 50 PSF, AND AT LEAST GRADE 8 FOR UNITS WITH A DESIGN PRESSURE RATING > 50 PSF.
 - WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
 - FLASHING SHOULD BE APPLIED USING THE ASTM E 2112 METHOD APPROPRIATE FOR THE OPENING INTO WHICH THE WINDOW IS BEING INSTALLED.
 - INSTALLATION SCREWS MUST BE AT LEAST 3/4" FROM THE EDGE OF THE WOOD.
 - THIS PRODUCT COMPLIES WITH ASTM E 1300.
 - DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
 - 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.





Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

FL14787-R4

Affirmation

2020

Approved

FL14787.1

NON-IMPACT MULLIONS

Comments

Archived



Product Manufacturer

Address/Phone/Email

Simonton

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

Luanne Harris

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Suite 200

Columbus, OH 43219

(614) 532-3596

luanne.harris@simonton.com

Quality Assurance Representative

Address/Phone/Email

AAMA

1827 Walden Office Square

Suite 550

Schaumburg, IL 60173

(847) 303-5664

webmaster@aamanet.org

Category

Subcategory

Windows

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

12/31/2023

Validated By

Scott Walters, PE

☐ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL14787 R4 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 R4 COC 7thEdFBC-FL14787.pdf](#)

Product Approval Method

Method 2 Option B

Date Submitted

10/01/2020

Date Validated

10/01/2020

Date Pending FBC Approval

Date Approved

10/08/2020

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 R4 II RM0015Br7.pdf Verified By: Lucas A.Turner PE #58201 Created by Independent Third Party: Yes Evaluation Reports FL14787 R4 AE EvalReport-RM0015Br7.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

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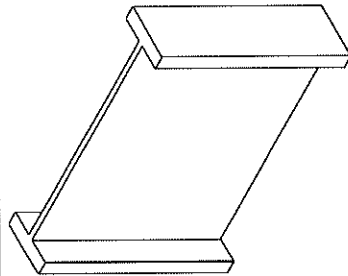
Product Approval Accepts:



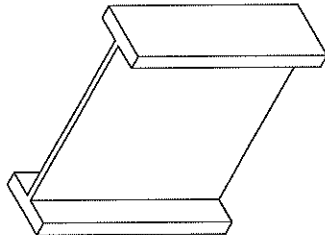
SILMONTON
A L U M I N U M
1 COCKBURN AVE. PONDERSBORO, WY 26115
PH. 606-428-2249

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

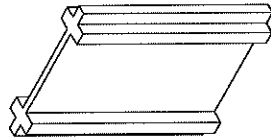
REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, updated general notes sheet 1.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet 1.	01/20/2012	CAP
5	Updated per ratings chart and added new mullion covers.	06/20/2012	T.D.O.
6	Revised per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



LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063-T6



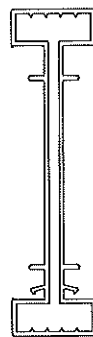
LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



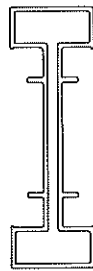
MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



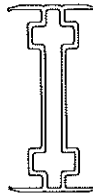
MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



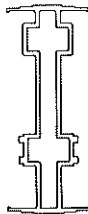
5000 FIN & J FRAME VINYL
HULL MULLION COVER #VPI 573
EXTRUDED VINYL 0.071" MIN.



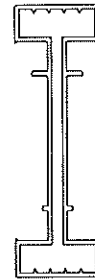
PROFINISH LARGE VINYL
H-MULLION COVER #VPI-560
EXTRUDED VINYL 0.079" MIN.



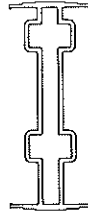
PROFINISH MEDIUM VINYL
HULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



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



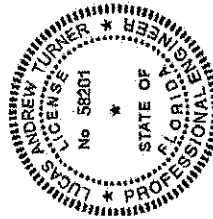
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



4000 SERIES MEDIUM VINYL
H-MULLION COVER #MP0347
EXTRUDED VINYL 0.070" 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.



GENERAL NOTES:

- GENERAL NOTES:
1. THE FOUR (4) MULLION PRODUCTS MEET THE CURRENT FLORIDA BUILDING CODE SECTION 1709.8, INCLUDING 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 MULLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.
- | | |
|----|--------------------|
| 22 | REVISED BY: JCS |
| | DATE: 12-20-06 |
| | PROJECT: 12345678 |
| | REVISION: 12345678 |

TABLE OF CONTENTS	
SHT	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/CMC SUBSTRATE

[illegible]

SIMONTON
1 CORDAINE AVE. FENSBORO, WV 26113
PH. 800-435-2249

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 8	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 per 5th Ed. (2014) FBC	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

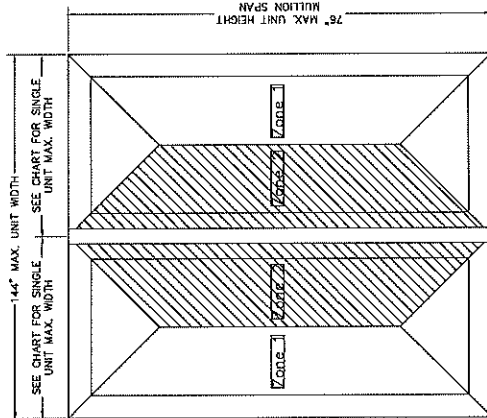


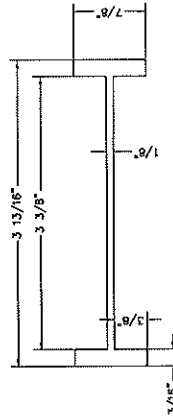
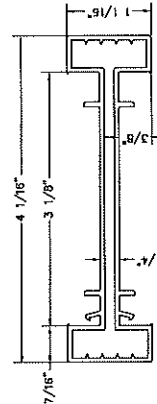
TABLE A -- MAXIMUM DESIGN PRESSURES (PSF)
MULLION # CM0146

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

MAXIMUM SINGLE WINDOW WIDTH

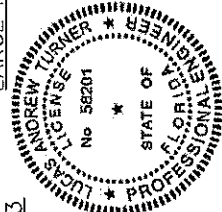
WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS



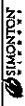
ALL FIN & J FRAMES H-MULLION
LARGE VINYL MULLION COVER #VPI-573
EXTRUDED VINYL .071" MIN.

LARGE MULL REINFORCEMENT #CM0146
ALUMINUM 6063-T6



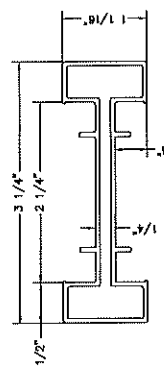
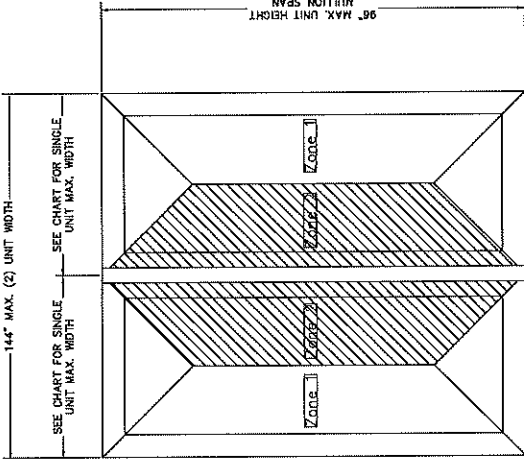
SIMONTON	
1 CORDAINE AVE.	FENSBORO, WV 26113
PH. 800-435-2249	FAX 800-435-2249
WWW.SIMONTON.COM	EMAIL SALES@SIMONTON.COM

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



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**EXTRUDED NON-IMPACT VINYL MULLIONS
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 ALL NON-IMPACT WINDOW SERIES**



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

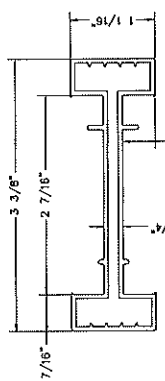
MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

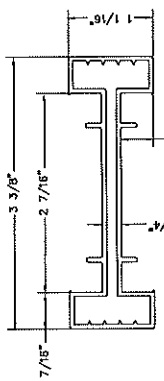
SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

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

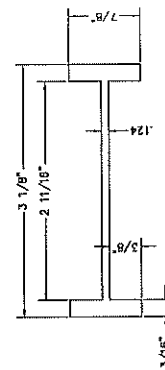
Mullion Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75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



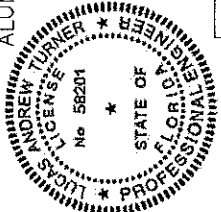
RETROFIT H-MULLION
 LARGE VINYL MULLION COVER #VPI-354
 EXTRUDED VINYL .071" MIN.



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



LARGE MULL REINFORCEMENT #16991
 ALUMINUM 6063-T6





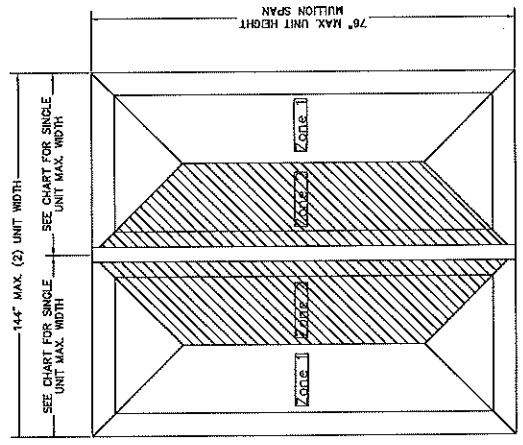
SIMONTON
 1 COCHRAN AVE. FENSBORO, WV 26413
 PH. 800-428-2249

EXTRUDED NON-IMPACT VINYL MULLIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	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

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 1 COCHRAN AVE. FENSBURG, WI 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
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

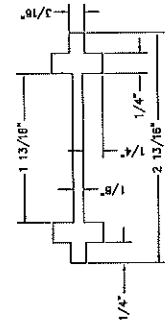
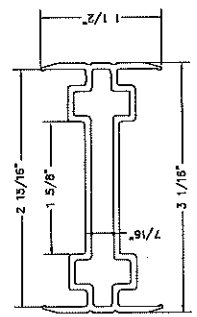
MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
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5	Updated per 2012 Florida Building Code, added new mullion series.	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

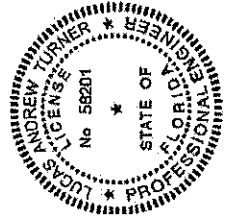
TABLE C - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION #16990

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



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

MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6



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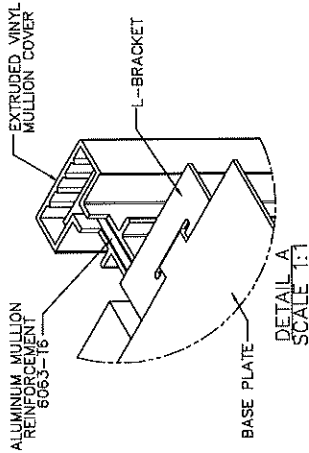
**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES**

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

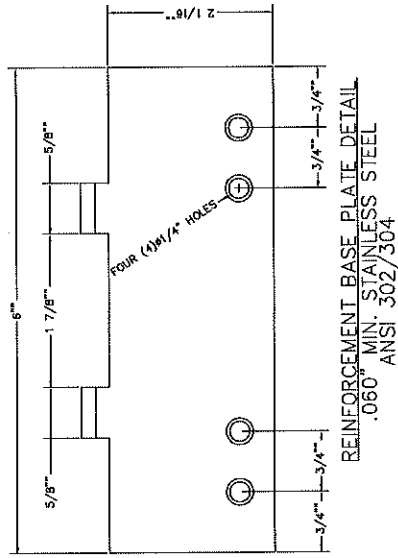
SIMONTON
1 COO-HANE AVE., PENNSBORO, WV 25413
PH. 800-425-2549

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

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
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5	Added new mullion covers.	06/20/2012	T.D.D.
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7	Updated Note 1, Sheet 1	10/03/2017	LMH



SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ATTACHING REINFORCED MULLIONS TO WINDOW UNITS. TYPICALLY, USE SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO FULLY ENGAGE THREADS THROUGH THE ALUMINUM REINF., AT THE ANCHOR SIZE AND SPACING INDICATED IN THE APPLICABLE WINDOW PRODUCT APPROVAL FOR ATTACHMENT TO WOOD SUBSTRATE.



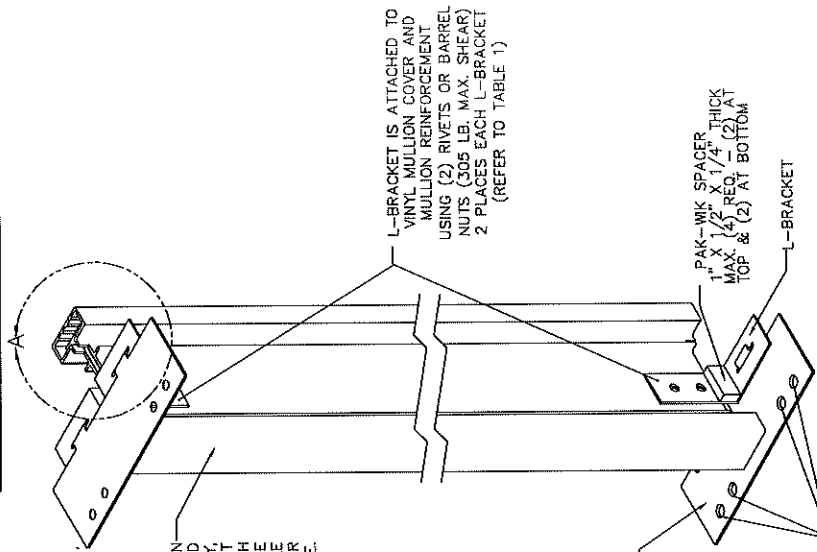
SEE MANUFACTURER'S ATTACHMENT INSTRUCTIONS FOR ATTACHING REINFORCED MULLIONS TO WINDOW UNITS

TABLE 1 - MULLION ATTACHMENT VIEW

RIVET	.25 DIA. STEEL RIVET WITH A GRIP LENGTH OF .50 MAX.
BARREL NUT	#10-24 OR #10-32 STAINLESS STEEL BARREL NUT. .250 O.D. X .25" LG WITH .125 MIN ENGAGEMENT

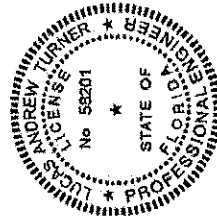
REINFORCEMENT L-BRACKET
0.076\"/>

- NOTES:
- WOOD FRAME: USE (4) #10 X 1 3/4\"/>



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7	Updated Note 1, Sheet 1	10/03/2017	LMH	



 SIMONITE MINING	1967 RMC01587 DATE 3-20-06 TIME 13:76:08 PROJECT # 1180 AREA 1 SCALE 0.75:1 SHEET # 1-B OF 1 TITLE ALL MINED PRODUCTIONS TYPE REINFORCED UNIT MULLIONS	10/2/2007 LUCAS S. THOMP P.E. IN P.E. GROUP NORTON CONSULTING & CONSULTING, INC. 1000 JOSHUA AVE. NORTH PLATEAU, TX 75885 TEL 409/681-1100 FAX 409/681-1101
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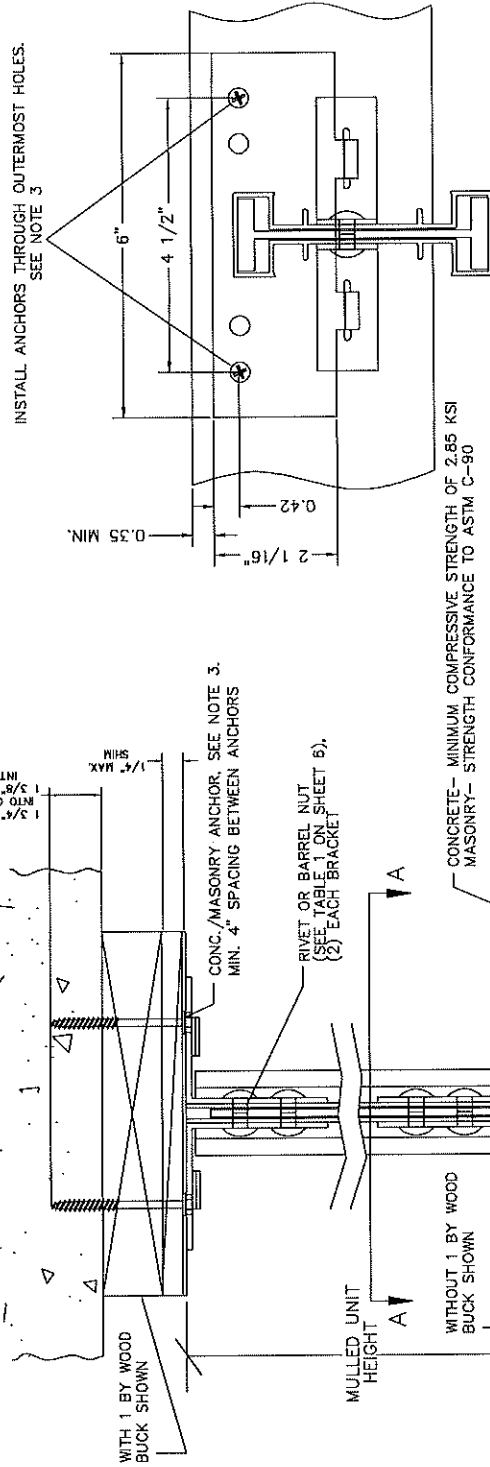
- NOTES:
1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HWHZ.
 2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
 3. ANCHORS SHALL HAVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM WOOD EDGE DISTANCE.
 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. #10 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.

SIMONTON
1 COCHRANE AVE. PENNSBORO, NJ 28413
TEL 856-438-2249

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

REVISIONS			
REV.	DESCRIPTION	DATE	BY
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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. THE MULLIONS 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.

19/02/2007		10/03/2017	
LUCAS A. TURNER, P.E.		LUCAS A. TURNER, P.E.	
PROF. SEAL, STATE OF FLORIDA		PROF. SEAL, STATE OF FLORIDA	
10/03/2017		10/03/2017	
10/03/2017		10/03/2017	