



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

WinDoor, Inc.

104 Triple Diamond Blvd.

Orlando, FL 34275

SCOPE:

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

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

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

DESCRIPTION: Series "375-ESTATE" Aluminum Horizontal Rolling Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. 375SMNOA-1 Rev A (former 18-95D), titled "Series-375 Alum. Horiz. Rolling Wdw. (S.M.I.)", sheets 1 through 15 of 15, dated 06/03/20, prepared by manufacturer, signed and sealed by Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

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

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

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

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises #18-1001.10 (20-0610.12PVT) and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 20-0610.13
Expiration Date: July 01, 2024
Approval Date: November 19, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 09-0505.03)
2. Drawing No. **18-95D**, titled "Series-375 Alum. Horiz. Rolling Wdw. (S.M.I.)", sheets 1 through 15 of 15, dated 04/10/09, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 7500 PVC fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WA**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 15-0512.02)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 7400 PVC project out window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WB**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 15-0512.02)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 238 aluminum fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WC**, dated 04/16/15, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 15-0512.02)
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0610.13
Expiration Date: July 01, 2024
Approval Date: November 19, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

4. along with marked-up drawings and installation diagram of aluminum horizontal sliding windows, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0080-0907-08**, dated 12/18/08, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA No. 09-0505.03)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 08/31/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. *(Submitted under NOA No. 17-1018.03)*
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-1114.14** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 01/18/18, expiring on 07/08/19.
2. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**” dated 09/07/17, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, with **FBC 6th Edition (2017)**, and of no financial interest, dated August 31, 2017, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. *(Submitted under NOA No. 17-1018.03)*
2. Laboratory compliance letters for Test Reports No. **CTLA-3056 WA**, dated 03/03/15, **CTLA-3056 WB**, dated 03/03/15 and **CTLA-3056 WC**, dated 04/16/15, all issued by Certified Test Laboratories, all signed and sealed by Ramesh C. Patel, P.E. *(Submitted under NOA No. 15-0512.02)*
3. Testing Proposal issued by the Product Control Section, dated 12/16/14, signed by Jaime Gascon, P.E., Section Supervisor. *(Submitted under NOA No. 15-0512.02)*
4. Laboratory compliance letters for Test Report No. **HTL-0080-0907-08**, issued by Hurricane Test Laboratory, LLC, dated 12/18/08, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA No. 09-0505.03)*
5. Private Labeling Agreement document in conformance to Product Control guidelines dated 09/05/18, signed by Dean M. Ruark, P.E.

G. OTHERS

1. None.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0610.13
Expiration Date: July 01, 2024
Approval Date: November 19, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **375SMNOA-1 Rev A** (former **18-95D**), titled “Series-375 Alum. Horiz. Rolling Wdw. (S.M.I.)”, sheets 1 through 15 of 15, dated 06/03/20, prepared by manufacturer, signed and sealed by Lynn Miller, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc., CGI Windows and Doors, Inc. and WinDoor, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, per Proposal #**19-1155TP**, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

WinDoor, Inc. test specimens:

FTL-20-2078.1, WinDoor PW3000 Aluminum Fixed Lite (unit 11 in proposal)
FTL-20-2078.2, WinDoor HR9470 Thermally Broken Alum. Horiz. Roller (unit 12)
FTL-20-2078.3, WinDoor SGD8100 Alum. Sliding Glass Door (unit 13 in proposal)
FTL-20-2078.4, WinDoor HR9470 Thermally Broken Alum. Horiz. Roller (unit 14)
FTL-20-2078.5, WinDoor PW9020 Alum. Fixed Lite (unit 15 in proposal) and
FTL-20-2078.6, WinDoor PW9020 Alum. Fixed Lite (unit 16 in proposal)
all dated 09/24/20 and signed and sealed by Idalmis Ortega, P.E.

PGT Industries, Inc. test specimens:

FTL-7897, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14
FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-2107.2**, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-2107.3**, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-2107.4**, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal)
all dated 07/13/20 and signed and sealed by Idalmis Ortega, P.E.

CGI Windows and Doors Inc. test specimens:

FTL-20-2108.1, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal) **FTL-20-2108.2**, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal) **FTL-20-2108.3**, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal) **FTL-20-2108.4**, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and **FTL-20-2108.5**, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal)
all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0610.13
Expiration Date: July 01, 2024
Approval Date: November 19, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 03/26/20 and revised on 06/03/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Glazing complies with **ASTM E1300-04, -09, -12 and -16**.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
2. Notice of Acceptance No. **17-0712.05** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**” dated 09/07/17, expiring on 05/21/21.

F. STATEMENTS

1. Statement letters of conformance to FBC 2020(**7th** Edition), dated 03/26/20, prepared, signed & sealed by Lynn Miller, P. E.
2. Notification of Successor Engineer per the Florida Administrative Code Section 61G15-27.001, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 06/03/20, signed and sealed by A. Lynn Miller, P.E.
3. Private Label Agreement dated 07/17/20 between Windoors, Inc. and CGI Windows and Doors, signed by Dean M. Ruark, P.E., V.P. Eng., on behalf of respective companies.

G. OTHER

1. This NOA **revises NOA No. # 18-1001.11 (18-1001.07 PVT)** updates to FBC 2020, expiring 10/06/24.
2. Additional associated reference file **#20-1006.07(LMI)**.
3. RER Test proposals **#19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-0610.13
Expiration Date: July 01, 2024
Approval Date: November 19, 2020

SERIES 375 'ESTATE' ALUMINUM HORIZONTAL ROLLER WINDOW
SMALL MISSILE

NOTES:

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

INSTRUCTIONS FOR USING CAPACITY CHARTS:

STEP 1 DETERMINE THE REQUIRED DESIGN PRESSURES FOR A GIVEN WINDOW OPENING.

STEP 2 DETERMINE THE CAPACITY OF THE WINDOW SIZE/CONFIGURATION/GLASS TYPE FROM CHARTS ON SHEETS 4 AND 6. FOR INSTALLATION ANCHOR SPACING AND CAPACITY AT HEAD/SILL AND JAMBS SEE SHEETS 5 & 7.

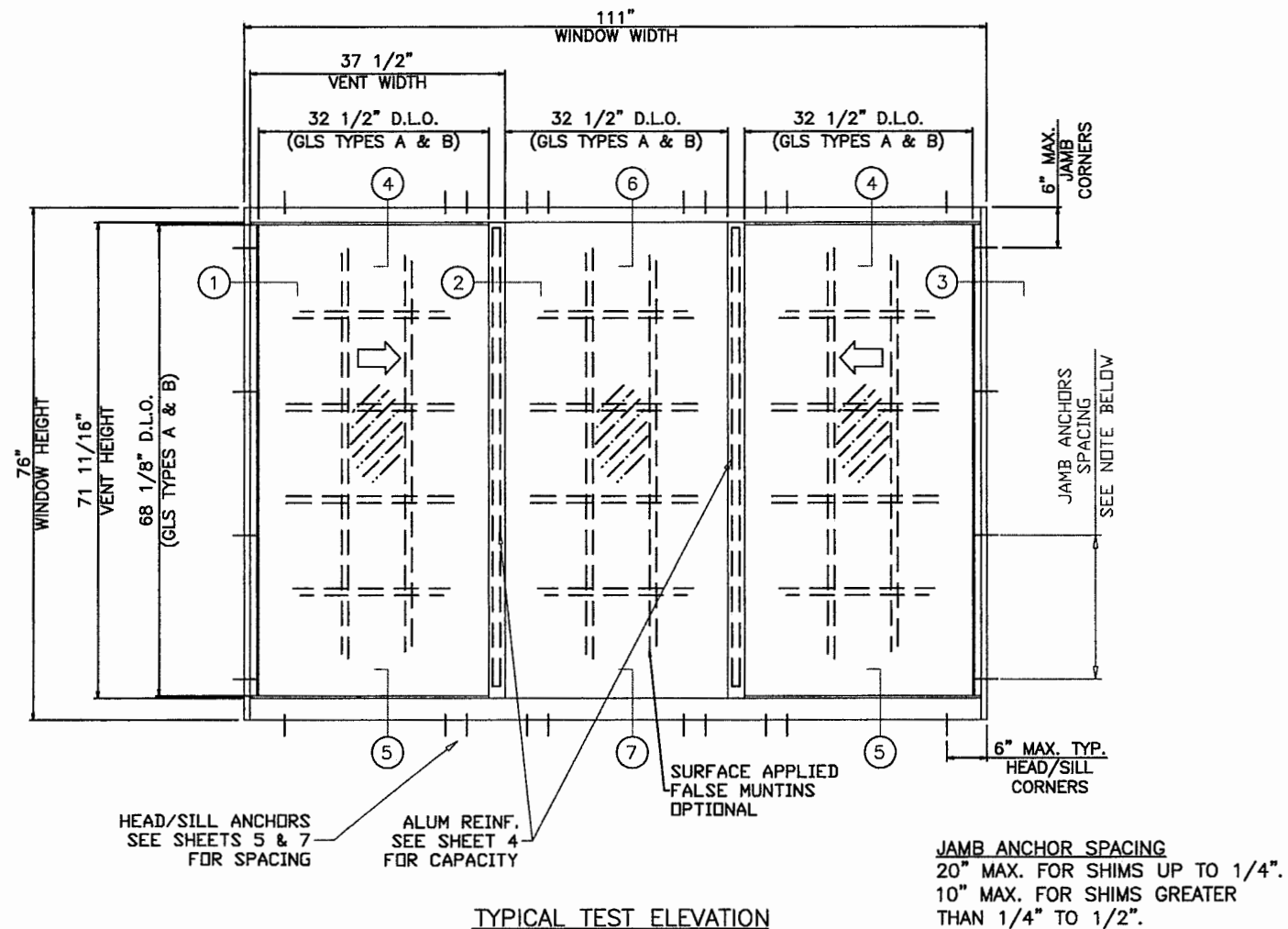
STEP 3 IF ALUMINUM BUCKS ARE USED, VERIFY THE BUCK INSTALLATION CAPACITY FROM SHEETS 13 & 14.

STEP 4 FOR UNCLIPPED MULLED WINDOWS DETERMINE MULLION CAPACITY FOR 1X4 TUBE FROM CHARTS ON SHEET 11.

STEP 5 FOR MULLION ANCHOR CAPACITY SEE CHART ON SHEET 12.

THE LOWEST SELECTED VALUE APPLY TO THE INSTALLATION AND MUST EQUAL OR EXCEED THE REQUIRED DESIGN PRESSURES OBTAINED FROM STEP 1.

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.



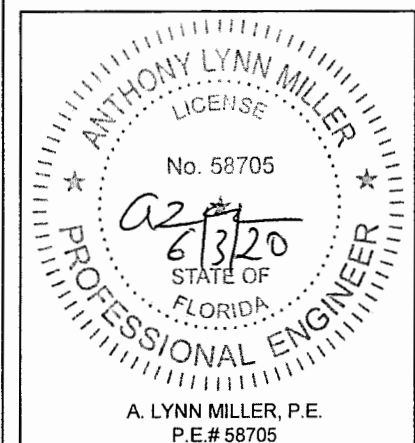
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

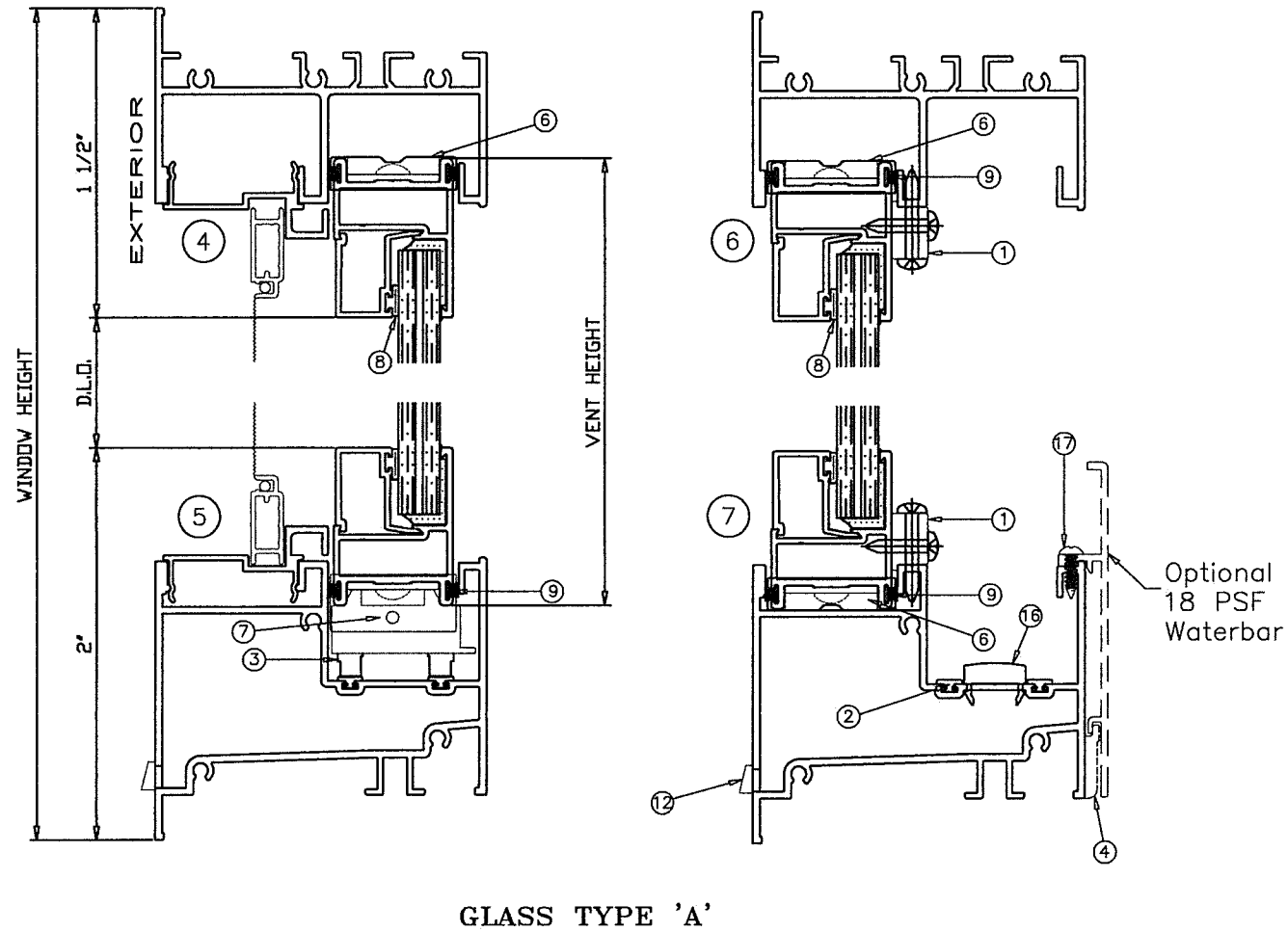
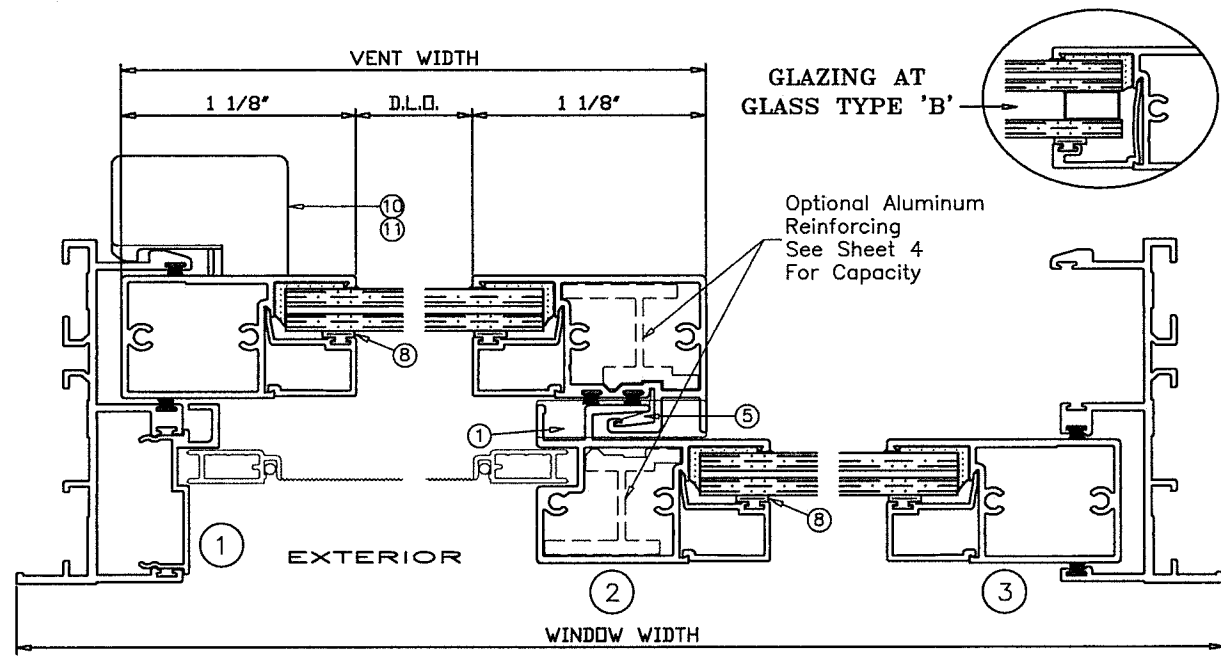
Expiration Date 07/01/2024

By *Ishaq I. Chank*
Miami-Dade Product Control

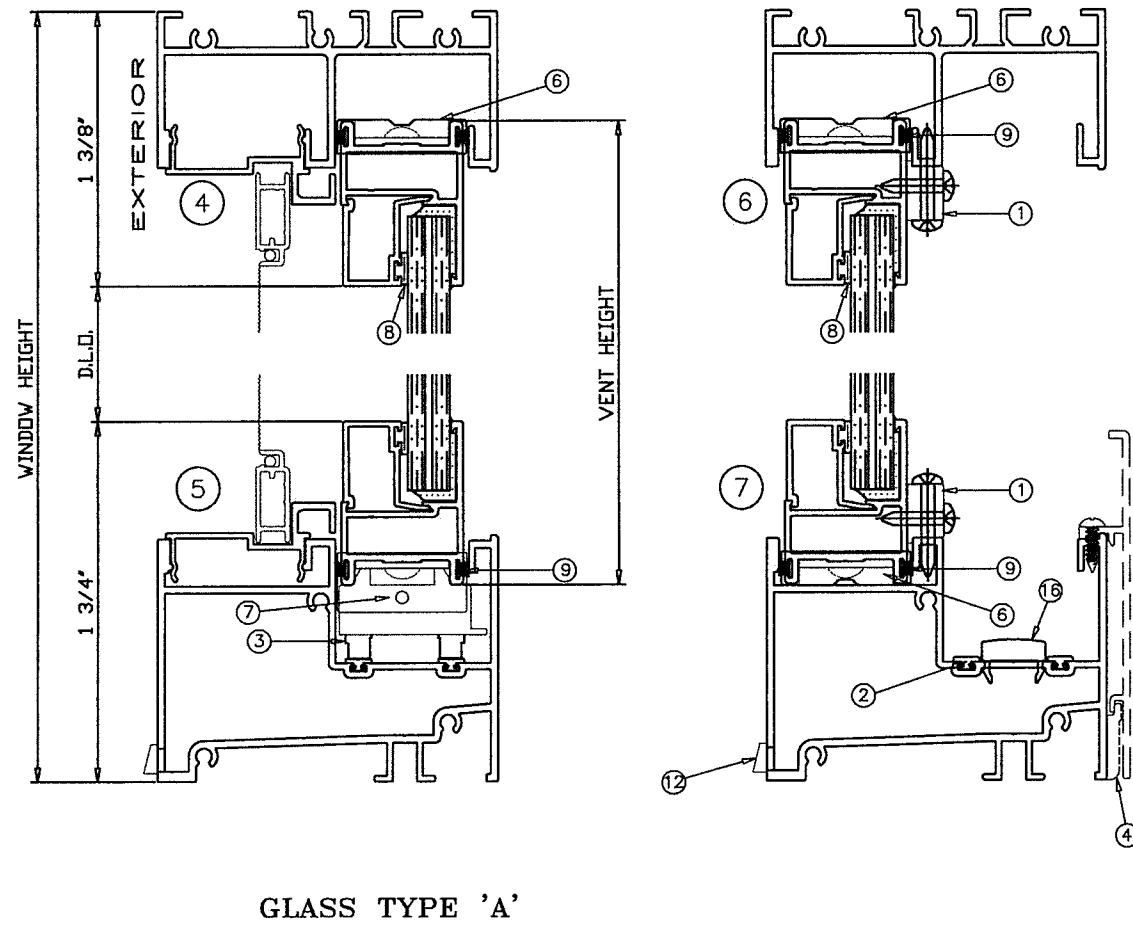
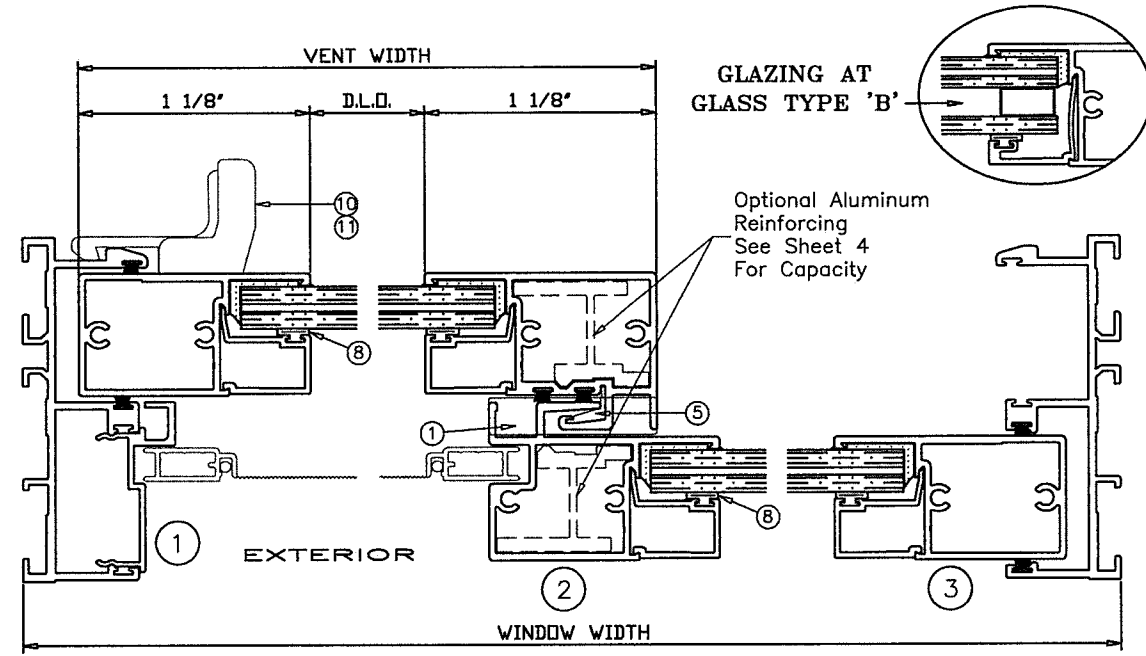
Revision: REVISED FOR 2020 FBC,
ADDED ANCHOR & BACK-
BEDDING TYPE & REFOR-
MATTED - JR - 5/29/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 05/29/20	By J ROSOWSKI	No. 375SMNOA-1	Rev. A
WINDOOR [®] INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER VDW. - SMI	GEN. NOTES AND ELEVATIONS	Sheet 1 OF 15	Scale NTS	Title HR375 "ESTATE"





**GENERAL WINDOW SECTIONS
FLANGE FRAME**



**GENERAL WINDOW SECTIONS
EQUAL LEG FRAME**

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Ishag I. Chank*
Miami-Dade Product Control

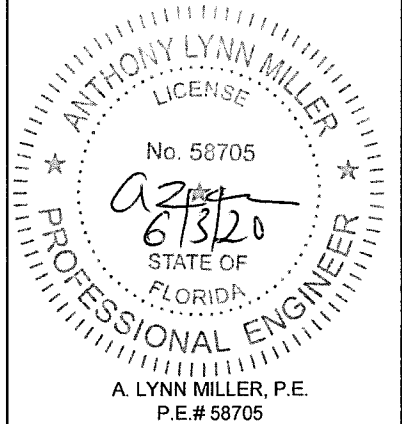
Revision:

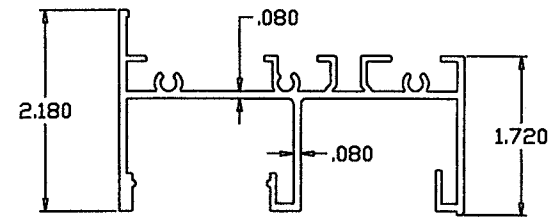
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

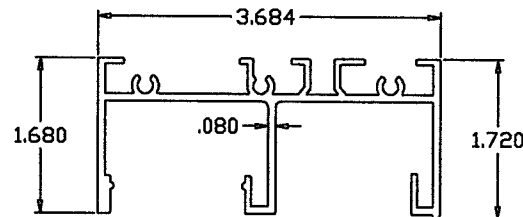
WinDoor®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400

Series	Desc.	Title	Scale	Sheet	No.	DWG	Rev.
375	SMNOA-1	A					
2	OF 15						
HR375	"ESTATE"	NTS					
CROSS SECTIONS, FLANGE FRAMES							
375 ALUM. HORIZONTAL ROLLER VDW. - SMI							
05/29/20							
J ROSOWSKI							
By							
Date							

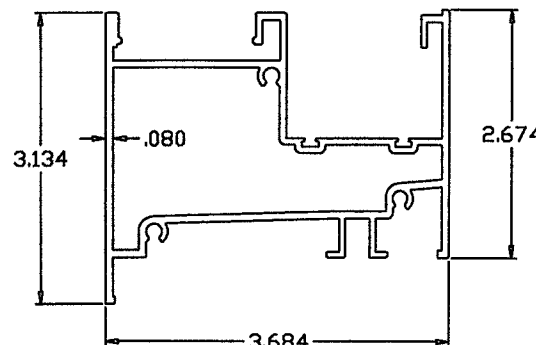




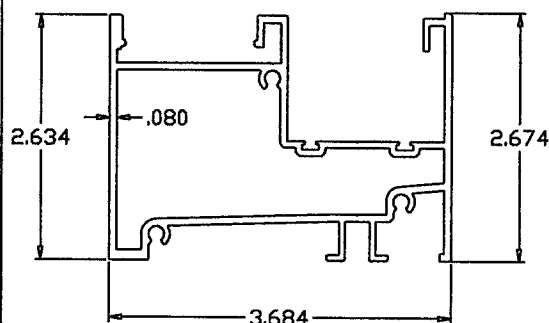
CGI-650
FLANGE FRAME HEAD
6063-T6



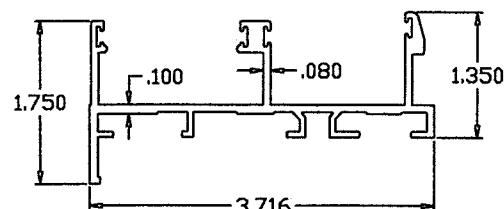
CGI-656
EQUAL LEG FRAME HEAD
6063-T6



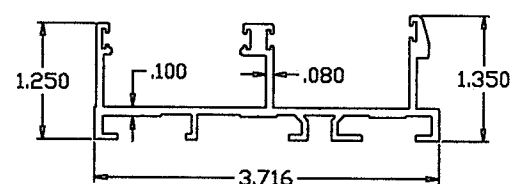
CGI-651
FLANGE FRAME SILL
6063-T6



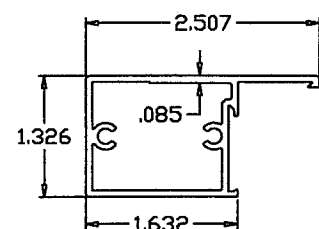
CGI-657
EQUAL LEG FRAME SILL
6063-T6



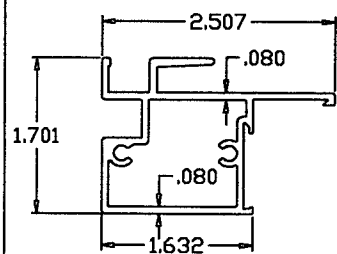
CGI-652
FLANGE FRAME JAMB
6063-T6



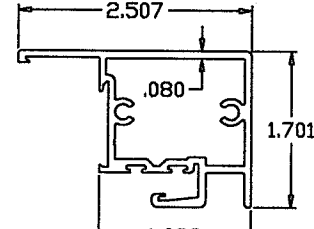
CGI-658
EQUAL LEG FRAME JAMB
6063-T6



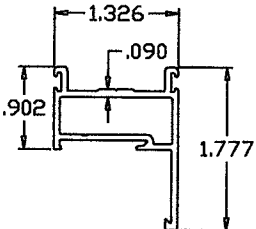
CGI-625
SQUARE LOCK STILE
6063-T6



CGI-626
SQUARE FIXED INTERLOCK
6063-T6

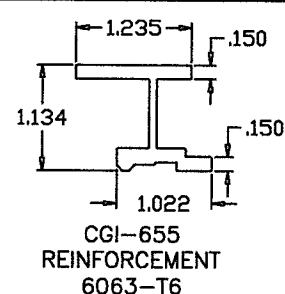


CGI-627
SQUARE OPERABLE INTERLOCK
6063-T6

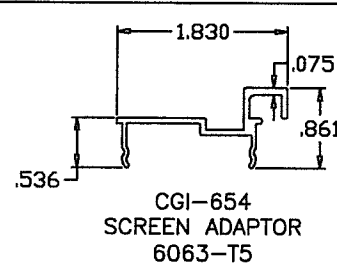


CGI-628
SQUARE TOP/BOTTOM RAIL
6063-T6

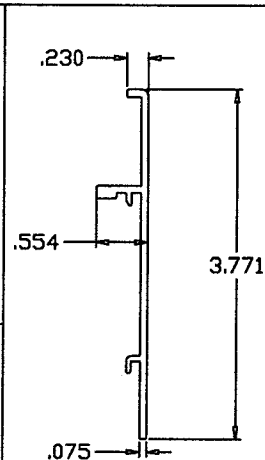
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER	REMARKS
1	CGI-614C	2	TIE DOWN BLOCK	ZINC	CUSTOM CASTING	w/ (2) #10 x 3/4" FH SMS into vent & (3) #8 x 1" FH SMS into frame
2	CGI-684	2	ROLLER TRACK INSERT	PVC	CGI EXTRUSION	Continuous at frame sill
3	CGI-680	AS REQD.	QUAD ROLLER	NYLON	CUSTOM CASTING	Attached to CGI-685 (vent bottom clip) w/ (1) #6 x 1/2" FH SMS
4	CGI-683	3	WATERBAR CLIP	NYLON	CUSTOM CASTING	w/ (1) #10 x 3/4" FH SMS
5	CGI-612P	1/ INTRLK	INTERLOCK SNUBBER	PVC	CGI EXTRUSION	Continuous at interlock
6	CGI-681	2/ OPER 4/ FXD	VENT END CLIP	NYLON	CUSTOM CASTING	Attached w/ vent assembly screws
7	CGI-685	2	OPERABLE VENT BOTTOM CLIP	NYLON	CUSTOM CASTING	Attached w/ vent assembly screws
8	CGI-382V	AS REQD.	VINYL BULB	PVC	CGI EXTRUSION	
9	W2301NG	AS REQD.	WOOL PILE WITH CENTER SOFT FIN (GRAY)	PILE	ULTRAFAB/SCHLEGEL	
10	CGI-615C & 618C	1	EGRESS LOCK AND PULL	ZINC	CUSTOM CASTING	w/ (2) #8 x 5/8" FH SMS
11	CGI-682	1	SELF CLOSING LOCK	ZINC	CUSTOM CASTING	w/ (2) #8 x 5/8" FH SMS
12	HI-FLO WEEPER	3 OR 4	WEEP HOLE COVER	NYLON	PEP	
13	-	3/ CORNER	FRAME ASSEMBLY SCREWS	S/S	VARIES	#10 x 1 1/4" PH SMS
14	-	2/ CORNER	VENT ASSEMBLY SCREWS	S/S	VARIES	#10 x 1 1/4" PH SMS
15	GE-2000	AS REQD.	LOW MODULUS SEALANT	SILICONE	GENERAL ELECTRIC	AT FRAME JOINTS
16	CGI-686	AS REQD.	ACCESS HOLE COVER (w/DRAIN PROVISION)	NYLON	CUSTOM CASTING	Minimum 1 at each Sill install. screw
17	-	AS REQD.	WATERBAR SCREWS AT 25" O.C. MAX.	S/S	VARIES	#6 X 1/4" PH SMS
18	-	2/ LITE	SETTING BLOCK	EPDM	VARIES	DUROMETER 85±5 SHORE A



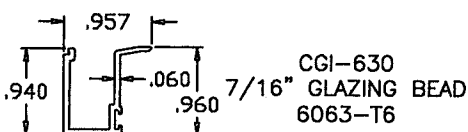
CGI-655
REINFORCEMENT
6063-T6



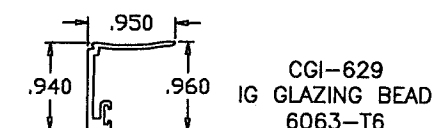
CGI-654
SCREEN ADAPTOR
6063-T5



CGI-653
WATERBAR
6063-T5



CGI-630
7/16" GLAZING BEAD
6063-T6



CGI-629
IG GLAZING BEAD
6063-T6

MATERIAL PROPERTIES:

Material	Min. F _y	Min. F _u
1/4" Tek's or Self-Drilling Steel Screw, Gr 5	92 ksi	120 ksi
1/4" Hilti Kwik-Con II	157 ksi	163 ksi
1/4" Elco UltraCon	155 ksi	177 ksi
1/4" DeWalt UltraCon+	148 ksi	164 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

Expiration Date 07/01/2024

By Ishag I. Chande
Miami-Dade Product Control

Revision:

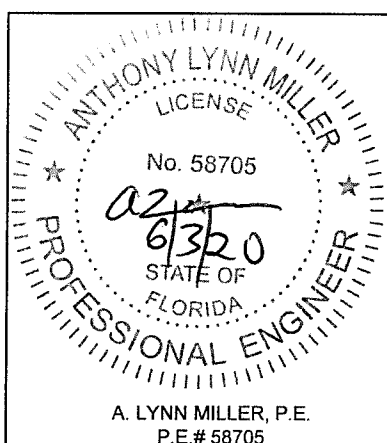
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

WINDOOR
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400

375 ALUM. HORIZONTAL ROLLER WDW. - SMI
Date 05/29/20
By J ROSOWSKI
Drawn 375SMNOA-1

3 OF 15
Sheet
NTS
Scale
Series Desc. Title
HR375 "ESTATE"



A. LYNN MILLER, P.E.
P.E.# 58705

WINDOW DIMS.			GLASS TYPES A & B			
WIDTH		HEIGHT	INTERLOCKS W/O REINF.		INTERLOCKS W/ REINF.	
2 PANEL	3 PANEL		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	54"	36"	120.0	150.0	120.0	210.0
42"	63"		120.0	150.0	120.0	210.0
48"	72"		120.0	150.0	120.0	210.0
54"	81"		120.0	150.0	120.0	210.0
60"	90"		120.0	150.0	120.0	210.0
66"	99"		120.0	150.0	120.0	210.0
72"	108"		120.0	150.0	120.0	210.0
78"	117"		120.0	150.0	120.0	210.0
84"	126"		120.0	150.0	120.0	210.0
36"	54"	48"	120.0	150.0	120.0	210.0
42"	63"		120.0	150.0	120.0	210.0
48"	72"		120.0	150.0	120.0	210.0
54"	81"		120.0	150.0	120.0	210.0
60"	90"		120.0	150.0	120.0	210.0
66"	99"		120.0	150.0	120.0	210.0
72"	108"		120.0	147.7	120.0	210.0
78"	117"		100.0	100.0	120.0	210.0
84"	126"		100.0	100.0	120.0	210.0
36"	54"	54"	120.0	150.0	120.0	210.0
42"	63"		120.0	150.0	120.0	210.0
48"	72"		120.0	150.0	120.0	210.0
54"	81"		120.0	145.9	120.0	210.0
60"	90"		120.0	136.4	120.0	210.0
66"	99"		120.0	128.9	120.0	210.0
72"	108"		100.0	100.0	120.0	210.0
78"	117"		100.0	100.0	120.0	210.0
84"	126"		100.0	100.0	120.0	204.2
36"	54"	60"	120.0	150.0	120.0	210.0
42"	63"		120.0	150.0	120.0	210.0
48"	72"		120.0	138.5	120.0	210.0
54"	81"		120.0	127.1	120.0	210.0
60"	90"		118.2	118.2	120.0	209.6
66"	99"		100.0	100.0	120.0	197.1
72"	108"		100.0	100.0	120.0	187.1
78"	117"		100.0	100.0	120.0	179.1
84"	126"		97.4	97.4	120.0	172.7
36"	54"	66"	120.0	150.0	120.0	210.0
42"	63"		120.0	136.9	120.0	210.0
48"	72"		120.0	123.1	120.0	210.0
54"	81"		112.6	112.6	120.0	199.6
60"	90"		100.0	100.0	120.0	184.9
66"	99"		97.7	97.7	120.0	173.2
72"	108"		92.3	92.3	120.0	163.7
78"	117"		88.0	88.0	120.0	156.0
84"	126"		84.4	84.4	120.0	149.7
36"	54"	72"	120.0	140.7	120.0	210.0
42"	63"		120.0	123.5	120.0	210.0
48"	72"		110.8	110.8	120.0	196.5
54"	81"		100.0	100.0	120.0	179.1
60"	90"		93.3	93.3	120.0	165.5
66"	99"		87.1	87.1	120.0	154.5
72"	108"		82.1	82.1	120.0	145.6
78"	117"		77.9	77.9	120.0	138.2
36"	54"	76"	120.0	132.3	120.0	210.0
42"	63"		116.0	116.0	120.0	205.7
48"	72"		100.0	100.0	120.0	184.2
54"	81"		94.6	94.6	120.0	167.7
60"	90"		87.2	87.2	120.0	154.6
66"	99"		81.3	81.3	120.0	144.1
72"	108"		76.4	76.4	120.0	135.5

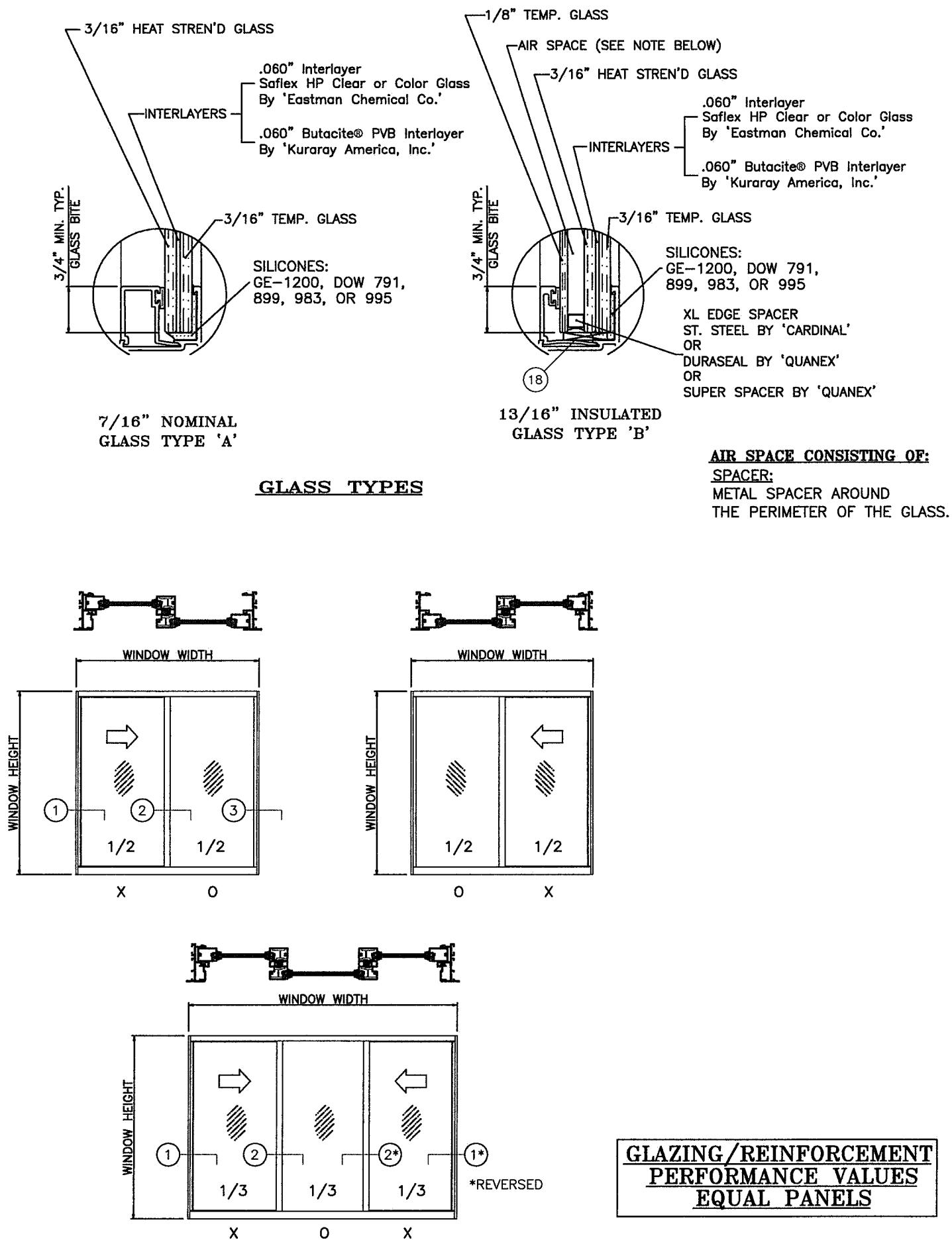
WINDOW DIMS.			GLASS TYPES A & B			
WIDTH		HEIGHT	INTERLOCKS W/O REINF.		INTERLOCKS W/ REINF.	
2 PANEL	3 PANEL		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	39-3/4"	38-3/8"	120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	150.0	120.0	210.0
53-1/8"	79-11/16"		120.0	150.0	120.0	210.0
74"	111"		120.0	150.0	120.0	210.0
79-1/2"	119-1/4"		120.0	150.0	120.0	210.0
106-1/4"	159-3/8"		100.0	100.0	120.0	210.0
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	150.0	120.0	210.0
53-1/8"	79-11/16"	50-5/8"	120.0	150.0	120.0	210.0
74"	111"		100.0	100.0	120.0	210.0
79-1/2"	119-1/4"		100.0	100.0	120.0	210.0
106-1/4"	159-3/8"		100.0	100.0	120.0	210.0
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	150.0	120.0	210.0
53-1/8"	79-11/16"		120.0	120.8	120.0	210.0
74"	111"		96.9	96.9	120.0	171.9
79-1/2"	119-1/4"	63"	93.1	93.1	120.0	165.1
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	137.5	120.0	210.0
53-1/8"	79-11/16"		100.0	100.0	120.0	181.4
74"	111"		80.6	80.6	120.0	142.9
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	129.2	120.0	210.0
53-1/8"	79-11/16"		95.8	95.8	120.0	169.8
74"	111"	72"	75.0	75.0	120.0	133.0
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	137.5	120.0	210.0
53-1/8"	79-11/16"		100.0	100.0	120.0	181.4
74"	111"		80.6	80.6	120.0	142.9
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	129.2	120.0	210.0
53-1/8"	79-11/16"		95.8	95.8	120.0	169.8
74"	111"	76"	75.0	75.0	120.0	133.0
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	137.5	120.0	210.0
53-1/8"	79-11/16"		100.0	100.0	120.0	181.4
74"	111"		80.6	80.6	120.0	142.9
26-1/2"	39-3/4"		120.0	150.0	120.0	210.0
37"	55-1/2"		120.0	129.2	120.0	210.0
53-1/8"	79-11/16"		95.8	95.8	120.0	169.8

All values shown are Design PSF (Pounds per Square Foot)

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

MAXIMUM VENT SIZE IS 18.7 SQ. FT.
AND MAXIMUM VENT HEIGHT IS 71 11/16"

VALUES FOR EXTERIOR LOADS(+) SHOWN ARE
FOR SILL WITH WATERBAR ADAPTER
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXTERIOR(+) LOADS TO 80.0 PSF



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Ishag I. Chande*
Miami-Dade Product Control

Revision: **ADDED BACKBEDDING
TYPE - JR - 5/29/20**

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

05/29/20

J ROSOWSKI

375SMNOA-1

4 OF 15

NTS

HR375 "ESTATE"

A

WinDoor®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400

375 ALUM. HORIZONTAL ROLLER WDW. - SMI

DESIGN PRESSURE 1

HR375 "ESTATE"

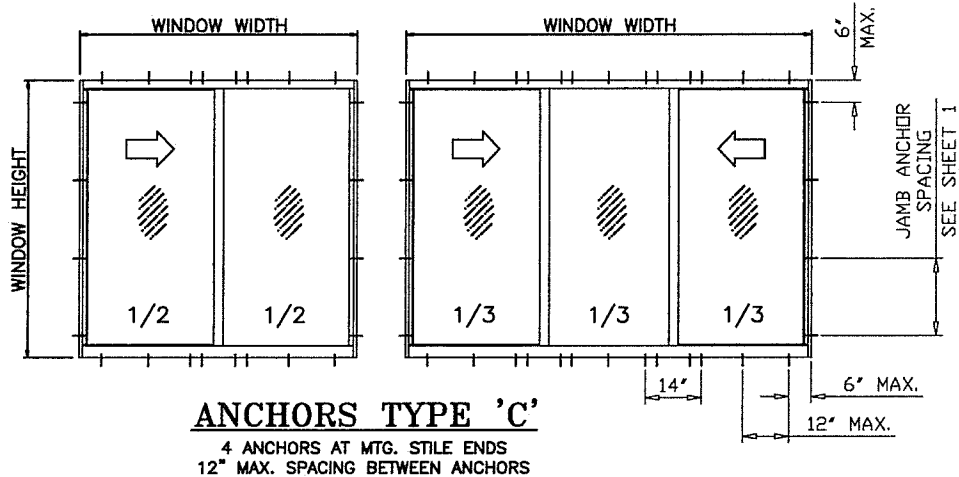
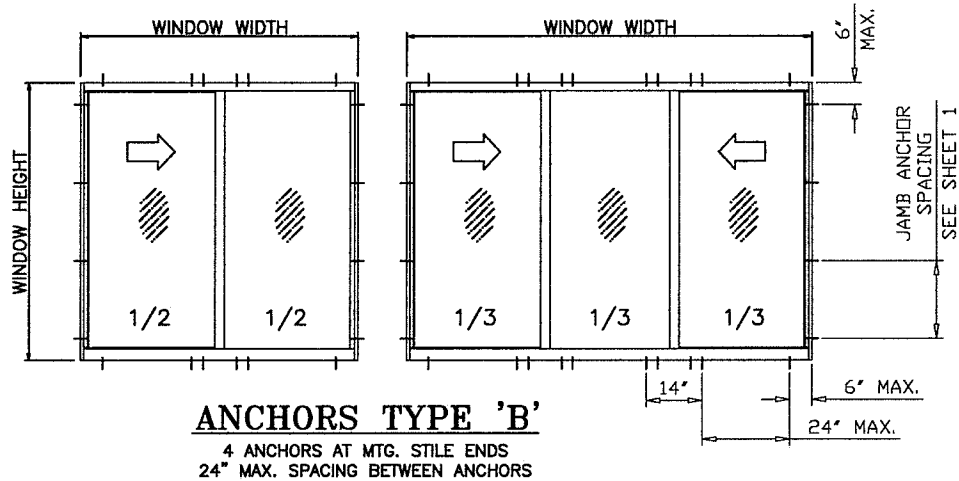
A. LYNN MILLER, P.E.
P.E.# 58705

WINDOW DIMS.			1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
			ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
			EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
WIDTH		HEIGHT	2 PANEL	3 PANEL				
36"	54"	36"			210.0	210.0	210.0	210.0
42"	63"				210.0	210.0	210.0	210.0
48"	72"				210.0	210.0	210.0	210.0
54"	81"				210.0	210.0	210.0	210.0
60"	90"				210.0	210.0	210.0	210.0
66"	99"				210.0	210.0	194.9	210.0
72"	108"				210.0	210.0	178.7	210.0
78"	117"				198.6	210.0	164.9	206.2
84"	126"				184.4	210.0	153.1	191.4
36"	54"	42"			210.0	210.0	210.0	210.0
42"	63"				210.0	210.0	210.0	210.0
48"	72"				210.0	210.0	210.0	210.0
54"	81"				210.0	210.0	204.2	210.0
60"	90"				210.0	210.0	183.8	210.0
66"	99"				201.1	210.0	167.1	208.8
72"	108"				184.4	210.0	153.1	191.4
78"	117"				170.2	210.0	141.4	176.7
84"	126"				158.0	197.6	131.3	164.1
36"	54"	48"			210.0	210.0	210.0	210.0
42"	63"				210.0	210.0	210.0	210.0
48"	72"				210.0	210.0	201.0	210.0
54"	81"				210.0	210.0	178.7	210.0
60"	90"				193.6	210.0	160.8	201.0
66"	99"				176.0	210.0	146.2	182.7
72"	108"				161.3	201.7	134.0	167.5
78"	117"				148.9	186.2	123.7	154.6
84"	126"				138.3	172.9	114.9	143.6
36"	54"	54"			210.0	210.0	210.0	210.0
42"	63"				210.0	210.0	204.2	210.0
48"	72"				210.0	210.0	178.7	210.0
54"	81"				191.2	210.0	158.8	198.5
60"	90"				172.1	210.0	142.9	178.7
66"	99"				156.4	195.6	129.9	162.4
72"	108"				143.4	179.3	119.1	148.9
78"	117"				132.4	165.5	109.9	137.4
84"	126"				122.9	153.7	102.1	127.6
36"	54"	60"			210.0	210.0	210.0	166.4
42"	63"				210.0	210.0	183.8	210.0
48"	72"				193.6	210.0	160.8	201.0
54"	81"				172.1	210.0	142.9	178.7
60"	90"				154.9	193.6	128.6	160.8
66"	99"				140.8	176.0	116.9	146.2
72"	108"				129.1	161.3	107.2	134.0
78"	117"				119.1	148.9	99.0	123.7
84"	126"				110.6	138.3	91.9	114.9
36"	54"	66"			210.0	210.0	194.9	210.0
42"	63"				201.1	210.0	167.1	208.8
48"	72"				176.0	210.0	146.2	182.7
54"	81"				156.4	195.6	129.9	162.4
60"	90"				140.8	176.0	116.9	146.2
66"	99"				128.0	160.0	106.3	132.9
72"	108"				117.3	146.7	97.5	121.8
78"	117"				108.3	135.4	90.0	112.4

All values shown are Design PSF (Pounds per Square Foot)

WINDOW DIMS.			1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
			ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
			EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
WIDTH		HEIGHT	2 PANEL	3 PANEL				
36"	54"	72"			210.0	210.0	178.7	210.0
42"	63"				184.4	210.0	153.1	191.4
48"	72"				161.3	201.7	134.0	167.5
54"	81"				143.4	179.3	119.1	148.9
60"	90"				129.1	161.3	107.2	134.0
66"	99"				117.3	146.7	97.5	121.8
72"	108"				107.6	134.4	89.3	111.7
36"	54"	76"			203.8	210.0	169.3	210.0
42"	63"				174.7	210.0	145.1	181.4
48"	72"				152.8	191.1	126.9	158.7
54"	81"				135.9	169.8	112.8	141.1
60"	90"				122.3	152.8	101.6	126.9
66"	99"				111.2	138.9	92.3	115.4
72"	108"				101.9	127.4	84.6	105.8

WINDOW DIMS.			1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
			ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
			EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
WIDTH		HEIGHT	2 PANEL	3 PANEL				
26-1/2"	39-3/4"	38-3/8"			210.0	210.0	210.0	210.0
37"	55-1/2"				210.0	210.0	210.0	210.0
53-1/8"	79-11/16"				210.0	210.0	210.0	210.0
74"	111"				196.3	210.0	163.1	203.8
79-1/2"	119-1/4"				182.8	210.0	151.8	189.7
106-1/4"	159-3/8"				136.7	170.9	113.6	142.0
26-1/2"	39-3/4"				210.0	210.0	210.0	210.0
37"	55-1/2"				210.0	210.0	210.0	210.0
53-1/8"	79-11/16"	50-5/8"			207.3	210.0	172.2	210.0
74"	111"				148.8	186.0	123.6	154.5
79-1/2"	119-1/4"				138.5	173.2	115.1	143.8
106-1/4"	159-3/8"				103.7	129.6	86.1	107.6
26-1/2"	39-3/4"				210.0	210.0	210.0	210.0
37"	55-1/2"				210.0	210.0	198.7	210.0
53-1/8"	79-11/16"				166.6	208.2	138.4	173.0
74"	111"				119.6	149.5	99.3	124.2
79-1/2"	119-1/4"	63"			111.3	139.2	92.5	115.6
26-1/2"	39-3/4"				210.0	210.0	210.0	210.0
37"	55-1/2"				209.3	210.0	173.8	210.0
53-1/8"	79-11/16"				145.8	182.2	121.1	151.3
74"	111"				104.6	130.8	86.9	108.6
26-1/2"	39-3/4"				210.0	210.0	210.0	210.0
37"	55-1/2"				198.3	210.0	164.7	205.9
53-1/8"	79-11/16"				138.1	172.6	114.7	143.4



JAMB ANCHOR SPACING
20" MAX. FOR SHIMS UP TO 1/4".
10" MAX. FOR SHIMS GREATER
THAN 1/4" TO 1/2".

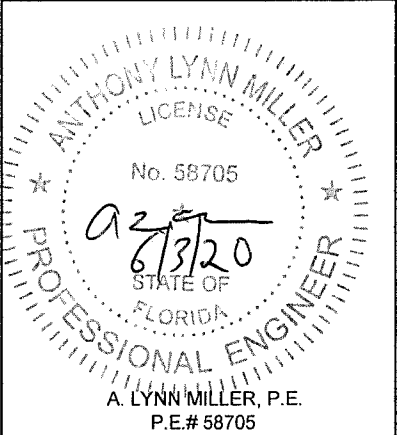
ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

**ANCHOR CAPACITY
EQUAL PANELS**

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Ishag I. Chandra*
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/29/20	By	J ROSOWSKI	Rev.	A
						No.	375SMNOA-1
						DWG	5 OF 15
						Sheet	NTS
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	Title	Scale	Series	Desc.	HR375 "ESTATE"	5 OF 15



WINDOW DIMS.			GLASS TYPES A & B			
			INTERLOCKS W/O REINF.		INTERLOCKS W/ REINF.	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
2 PANEL	3 PANEL	HEIGHT				
36"	48"	36"	120.0	150.0	120.0	210.0
42"	56"		120.0	150.0	120.0	210.0
48"	64"		120.0	150.0	120.0	210.0
54"	72"		120.0	150.0	120.0	210.0
60"	80"		120.0	150.0	120.0	210.0
66"	88"		120.0	150.0	120.0	210.0
72"	96"		120.0	150.0	120.0	210.0
78"	104"		100.0	100.0	120.0	210.0
84"	112"		100.0	100.0	120.0	210.0
96"	128"		100.0	100.0	120.0	210.0
108"	144"		100.0	100.0	120.0	210.0
36"	48"	48"	120.0	150.0	120.0	210.0
42"	56"		120.0	150.0	120.0	210.0
48"	64"		120.0	150.0	120.0	210.0
54"	72"		120.0	150.0	120.0	210.0
60"	80"		100.0	100.0	120.0	210.0
66"	88"		100.0	100.0	120.0	210.0
72"	96"		100.0	100.0	120.0	210.0
78"	104"		100.0	100.0	120.0	210.0
84"	112"		100.0	100.0	120.0	210.0
96"	128"		100.0	100.0	120.0	210.0
108"	144"		100.0	100.0	120.0	210.0
36"	48"	54"	120.0	150.0	120.0	210.0
42"	56"		120.0	150.0	120.0	210.0
48"	64"		120.0	150.0	120.0	210.0
54"	72"		100.0	100.0	120.0	210.0
60"	80"		100.0	100.0	120.0	210.0
66"	88"		100.0	100.0	120.0	210.0
72"	96"		100.0	100.0	120.0	210.0
78"	104"		100.0	100.0	120.0	210.0
96"	128"		100.0	100.0	120.0	210.0
108"	144"		100.0	100.0	120.0	210.0
36"	48"	60"	120.0	150.0	120.0	210.0
42"	56"		120.0	150.0	120.0	210.0
48"	64"		100.0	100.0	120.0	210.0
54"	72"		100.0	100.0	120.0	210.0
60"	80"		100.0	100.0	120.0	210.0
66"	88"		100.0	100.0	120.0	205.8
72"	96"		100.0	100.0	120.0	210.0
78"	104"		100.0	100.0	120.0	210.0
96"	128"		100.0	100.0	120.0	210.0
108"	144"		100.0	100.0	120.0	210.0
36"	48"	66"	120.0	150.0	120.0	210.0
42"	56"		100.0	100.0	120.0	210.0
48"	64"		100.0	100.0	120.0	210.0
54"	72"		100.0	100.0	120.0	205.5
60"	80"		100.0	100.0	120.0	191.2
72"	96"		100.0	100.0	120.0	210.0
78"	104"		100.0	100.0	120.0	198.6
96"	128"		100.0	100.0	120.0	183.9
108"	144"		100.0	100.0	120.0	210.0
120"	160"		96.9	96.9	120.0	171.8
36"	48"	72"	120.0	150.0	120.0	210.0
42"	56"		100.0	100.0	120.0	210.0
48"	64"		100.0	100.0	120.0	198.6
54"	72"		100.0	100.0	120.0	183.9
60"	80"		100.0	100.0	120.0	210.0
66"	88"		100.0	100.0	120.0	209.4
72"	96"		100.0	100.0	120.0	185.9
78"	104"		100.0	100.0	120.0	171.8
96"	128"		100.0	100.0	120.0	171.8
108"	144"		100.0	100.0	120.0	171.8
36"	48"	76"	120.0	150.0	120.0	210.0
42"	56"		100.0	100.0	120.0	210.0
48"	64"		100.0	100.0	120.0	185.9
54"	72"		96.9	96.9	120.0	171.8
60"	80"		100.0	100.0	120.0	210.0
66"	88"		100.0	100.0	120.0	209.4
72"	96"		100.0	100.0	120.0	185.9
78"	104"		100.0	100.0	120.0	171.8
96"	128"		100.0	100.0	120.0	171.8
108"	144"		100.0	100.0	120.0	171.8

WINDOW DIMS.			GLASS TYPES A & B			
			INTERLOCKS W/O REINF.		INTERLOCKS W/ REINF.	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
2 PANEL	3 PANEL	HEIGHT				
26-1/2"	35-5/16"	38-3/8"	120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		120.0	150.0	120.0	210.0
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
106-1/4"	142"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"		120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		120.0	150.0	120.0	210.0
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"	50-5/8"	120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		120.0	150.0	120.0	210.0
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"		120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"	63"	120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	210.0
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"		120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"	72"	120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"		120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"	76"	120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0
26-1/2"	35-5/16"		120.0	150.0	120.0	210.0
37"	49-5/16"		120.0	150.0	120.0	210.0
53-1/8"	71"		100.0	100.0	120.0	185.8
74"	99"		100.0	100.0	120.0	210.0
79-1/2"	106"		100.0	100.0	120.0	210.0

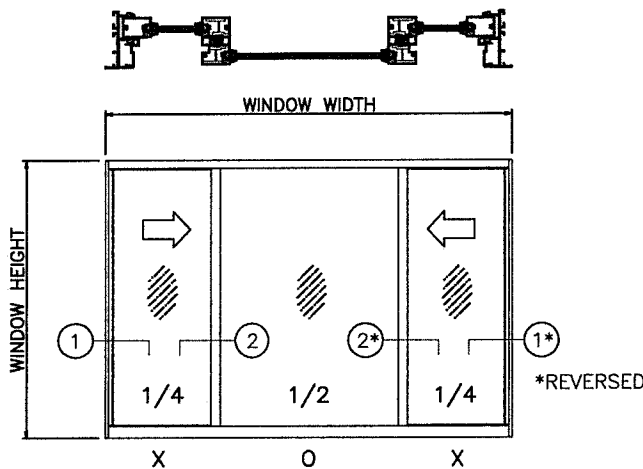
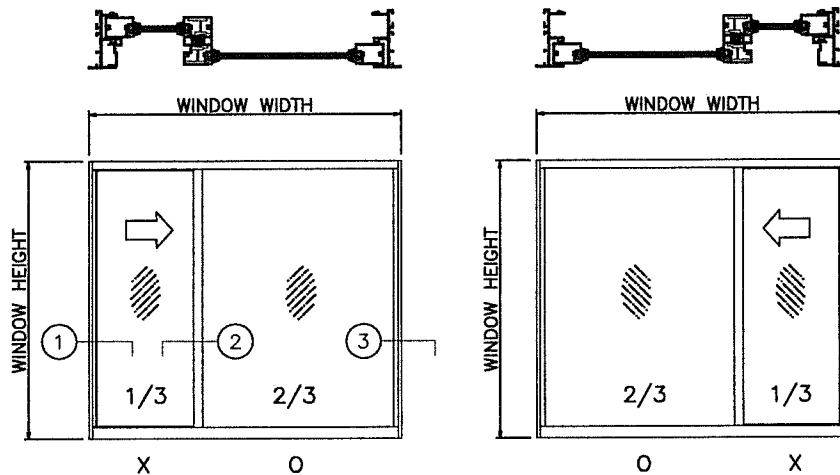
All values shown are Design PSF (Pounds per Square Foot)

7/16" NOMINAL
GLASS TYPE 'A'

13/16" INSULATED
GLASS TYPE 'B'

GLASS TYPES

AIR SPACE CONSISTING OF:
SPACER:
METAL SPACER AROUND
THE PERIMETER OF THE GLASS.



**GLAZING/REINFORCEMENT
PERFORMANCE VALUES
UNEQUAL PANELS**

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

VALUES FOR EXTERIOR LOADS(+) SHOWN ARE
FOR SILL WITH WATERBAR ADAPTER
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXTERIOR(+) LOADS TO 80.0 PSF

MAXIMUM VENT SIZE IS 18.7 SQ. FT.
AND MAXIMUM VENT HEIGHT IS 71 11/16"

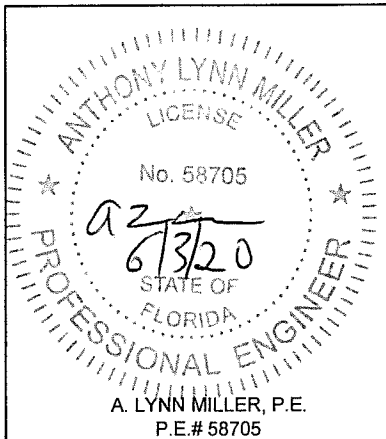
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

Expiration Date 07/01/2024

By *Ishag I. Chank*
Miami-Dade Product Control

ADDED BACKBEDDING
TYPE - JR - 5/29/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/29/20	By	J ROSOWSKI	No.	6 OF 15	Sheet	NTS	Scale	Title
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	Design	PRESSURE 3	Series	Desc.	Title	No.	6 OF 15	Sheet	NTS	Scale
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	Design	PRESSURE 3	Series	Desc.	Title	No.	6 OF 15	Sheet	NTS	Scale



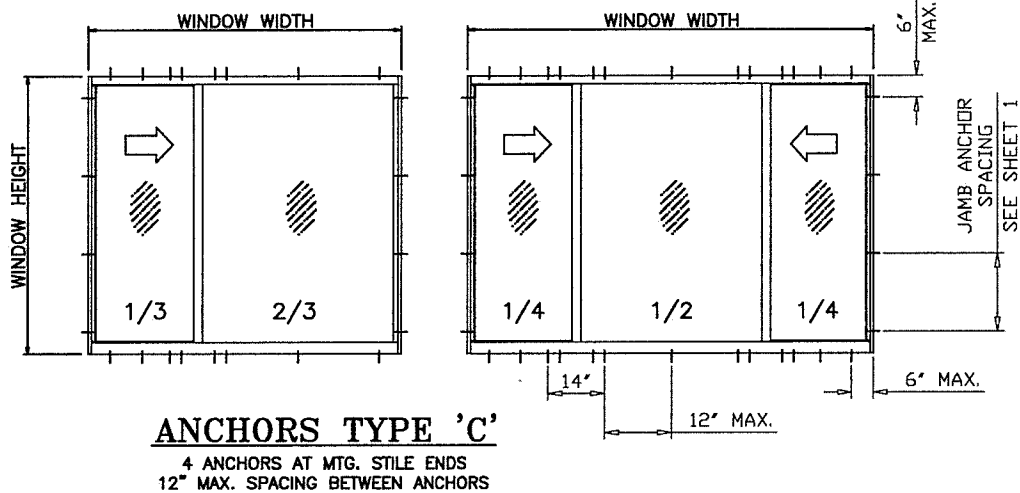
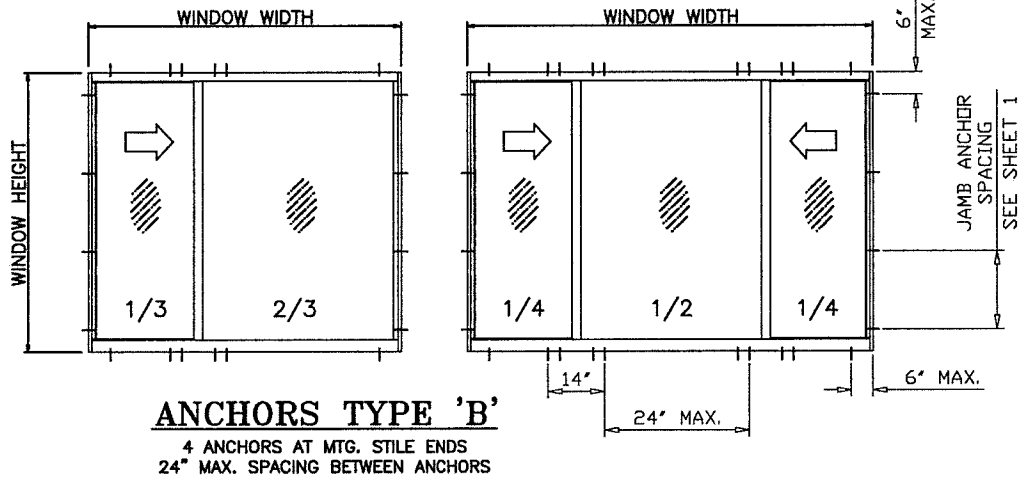
WINDOW DIMS.			1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
			ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
			EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
WIDTH		HEIGHT						
2 PANEL	3 PANEL							
36"	48"	36"	210.0	210.0	210.0	210.0	210.0	210.0
42"	56"		210.0	210.0	210.0	210.0	210.0	210.0
48"	64"		210.0	210.0	210.0	210.0	208.0	210.0
54"	72"		210.0	210.0	210.0	210.0	184.9	210.0
60"	80"		210.0	210.0	210.0	210.0	166.4	208.0
66"	88"		210.0	210.0	194.9	210.0	151.3	189.1
72"	96"		210.0	210.0	178.7	210.0	138.7	173.3
78"	104"		198.6	210.0	164.9	206.2	128.0	160.0
84"	112"		184.4	210.0	153.1	191.4	118.9	148.6
96"	128"		161.3	201.7	134.0	167.5	104.0	130.0
108"	144"		143.4	179.3	119.1	148.9	92.4	115.6
36"	48"	48"	210.0	210.0	210.0	210.0	208.0	210.0
42"	56"		210.0	210.0	210.0	210.0	178.3	210.0
48"	64"		210.0	210.0	201.0	210.0	156.0	195.0
54"	72"		210.0	210.0	178.7	210.0	138.7	173.3
60"	80"		193.6	210.0	160.8	201.0	124.8	156.0
66"	88"		176.0	210.0	146.2	182.7	113.5	141.8
72"	96"		161.3	201.7	134.0	167.5	104.0	130.0
78"	104"		148.9	186.2	123.7	154.6	96.0	120.0
84"	112"		138.3	172.9	114.9	143.6	89.1	111.4
36"	48"	54"	210.0	210.0	210.0	210.0	184.9	210.0
42"	56"		210.0	210.0	204.2	210.0	158.5	198.1
48"	64"		210.0	210.0	178.7	210.0	138.7	173.3
54"	72"		191.2	210.0	158.8	198.5	123.3	154.1
60"	80"		172.1	210.0	142.9	178.7	110.9	138.7
66"	88"		156.4	195.6	129.9	162.4	100.8	126.1
72"	96"		143.4	179.3	119.1	148.9	92.4	115.6
36"	48"	60"	210.0	210.0	210.0	210.0	166.4	208.0
42"	56"		210.0	210.0	183.8	210.0	142.6	178.3
48"	64"		193.6	210.0	160.8	201.0	124.8	156.0
54"	72"		172.1	210.0	142.9	178.7	110.9	138.7
60"	80"		154.9	193.6	128.6	160.8	99.8	124.8
66"	88"		140.8	176.0	116.9	146.2	90.8	113.5
36"	48"	66"	210.0	210.0	194.9	210.0	151.3	189.1
42"	56"		201.1	210.0	167.1	208.8	129.7	162.1
48"	64"		176.0	210.0	146.2	182.7	113.5	141.8
54"	72"		156.4	195.6	129.9	162.4	100.8	126.1
60"	80"		140.8	176.0	116.9	146.2	90.8	113.5
36"	48"	72"	210.0	210.0	178.7	210.0	138.7	173.3
42"	56"		184.4	210.0	153.1	191.4	118.9	148.6
48"	64"		161.3	201.7	134.0	167.5	104.0	130.0
54"	72"		143.4	179.3	119.1	148.9	92.4	115.6
36"	48"	76"	203.8	210.0	169.3	210.0	131.4	164.2
42"	56"		174.7	210.0	145.1	181.4	112.6	140.8
48"	64"		152.8	191.1	126.9	158.7	98.5	123.2
54"	72"		135.9	169.8	112.8	141.1	87.6	109.5

All values shown are Design PSF (Pounds per Square Foot)

JAMB ANCHOR SPACING
20" MAX. FOR SHIMS UP TO 1/4".
10" MAX. FOR SHIMS GREATER
THAN 1/4" TO 1/2".

ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

WINDOW DIMS.			1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
			ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'	ANCHORS TYPE 'B'	ANCHORS TYPE 'C'
			EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
WIDTH		HEIGHT						
2 PANEL	3 PANEL							
26-1/2"	35-5/16"	38-3/8"	210.0	210.0	210.0	210.0	210.0	210.0
37"	49-5/16"		210.0	210.0	210.0	210.0	210.0	210.0
53-1/8"	71"		210.0	210.0	210.0	210.0	175.9	210.0
74"	99"		195.7	210.0	162.5	203.2	126.1	157.7
79-1/2"	106"		182.8	210.0	151.8	189.7	117.8	147.3
106-1/4"	142"	50-5/8"	136.4	170.5	113.3	141.6	87.9	109.9
26-1/2"	35-5/16"		210.0	210.0	210.0	210.0	210.0	210.0
37"	49-5/16"		210.0	210.0	210.0	210.0	191.9	210.0
53-1/8"	71"		206.8	210.0	171.8	210.0	133.3	166.7
74"	99"		148.3	185.4	123.2	154.0	95.6	119.5
79-1/2"	106"	63"	138.5	173.2	115.1	143.8	89.3	111.6
26-1/2"	35-5/16"		210.0	210.0	210.0	210.0	210.0	210.0
37"	49-5/16"		210.0	210.0	198.7	210.0	154.2	192.7
53-1/8"	71"		166.2	207.8	138.0	172.6	107.1	133.9
74"	99"		145.4	181.8	120.8	151.0	93.7	117.2
79-1/2"	106"	72"	137.8	172.2	114.4	143.0	88.8	111.0
26-1/2"	35-5/16"		210.0	210.0	210.0	210.0	188.4	210.0
37"	49-5/16"		209.3	210.0	173.8	210.0	134.9	168.6
53-1/8"	71"		145.4	181.8	120.8	151.0	93.7	117.2
74"	99"		137.8	172.2	114.4	143.0	88.8	111.0
79-1/2"	106"	76"	137.8	172.2	114.4	143.0	88.8	111.0
26-1/2"	35-5/16"		210.0	210.0	210.0	210.0	178.5	210.0
37"	49-5/16"		198.3	210.0	164.7	205.9	127.8	159.8
53-1/8"	71"		137.8	172.2	114.4	143.0	88.8	111.0
74"	99"		137.8	172.2	114.4	143.0	88.8	111.0



ANCHOR CAPACITY
UNEQUAL PANELS

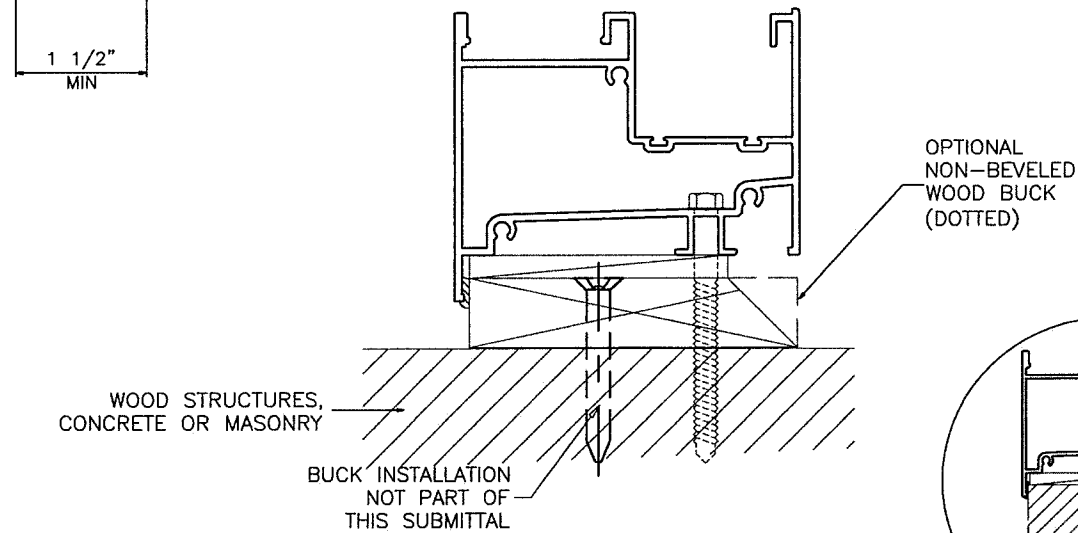
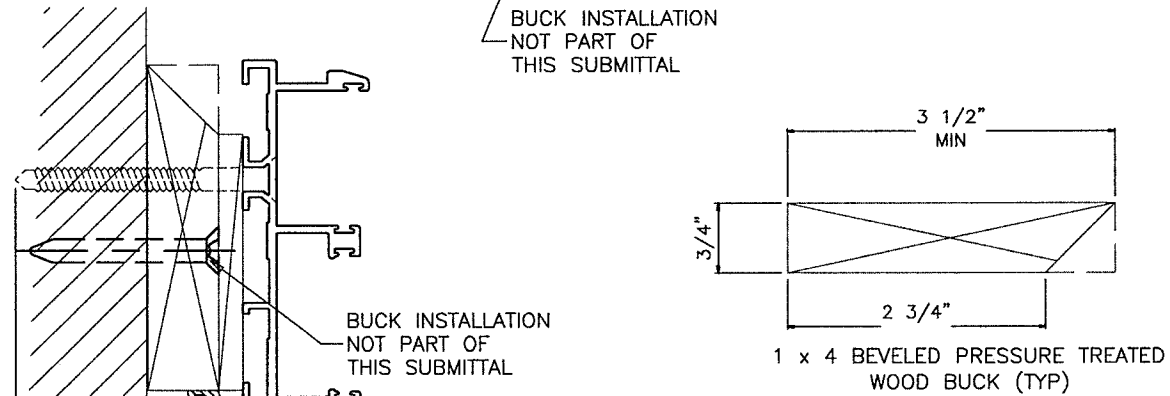
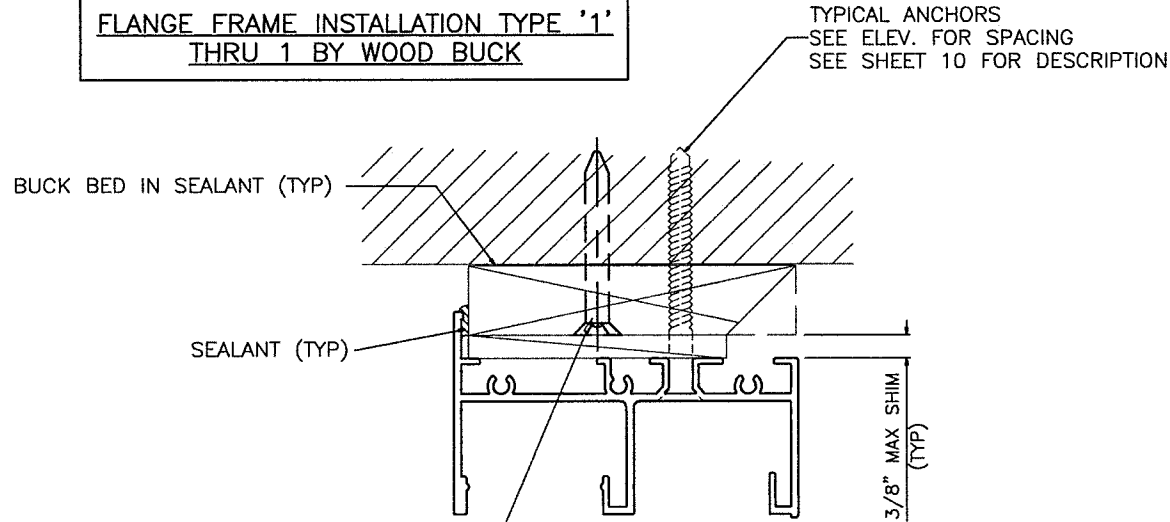
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By Ishay L. Chank
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	J ROSOWSKI	375SMNOA-1	A
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	DESIGN PRESSURE 4	HR375 "ESTATE"	NTS	7 OF 15	Sheet
A. LYNN MILLER, P.E. P.E.# 58705	No. 58705	6/3/20	STATE OF FLORIDA	PROFESSIONAL ENGINEER	Title

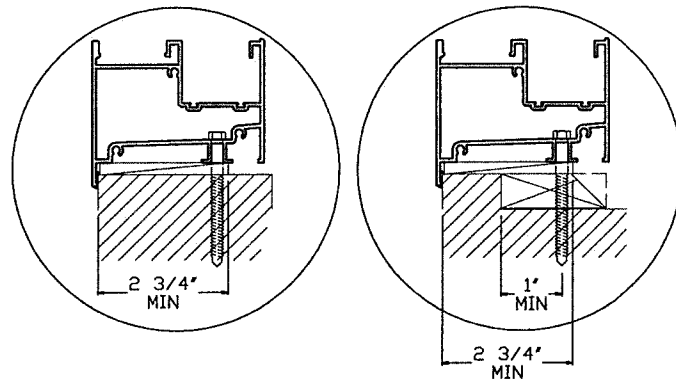
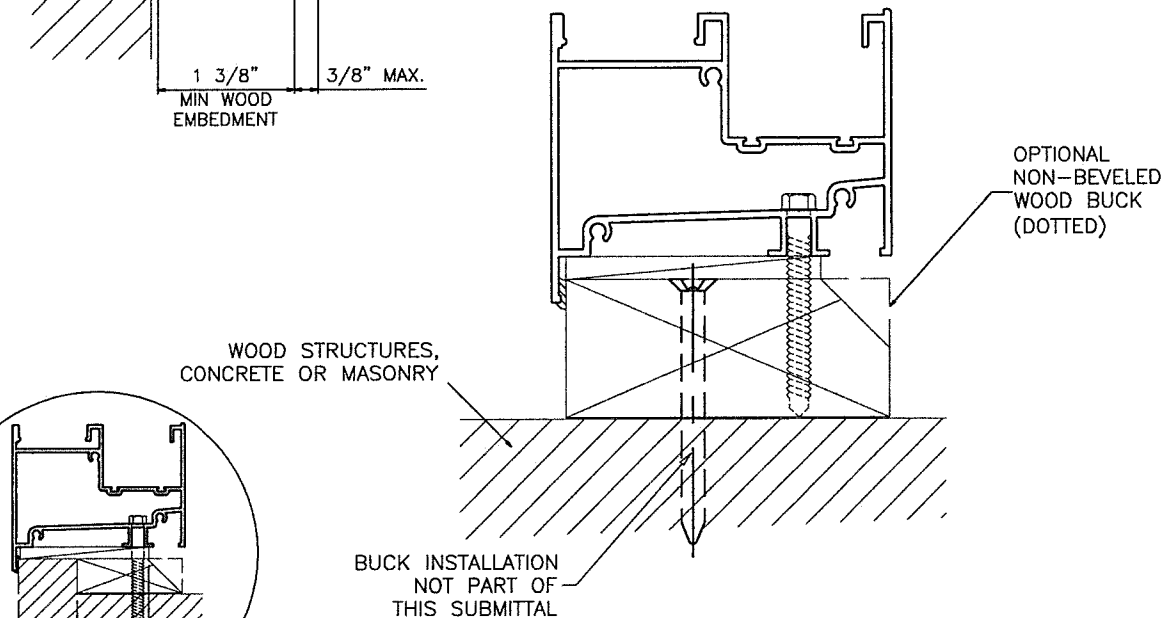
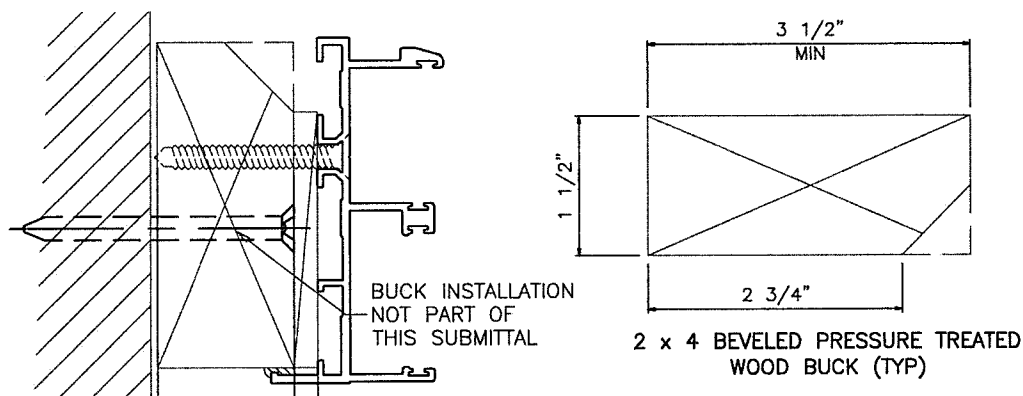
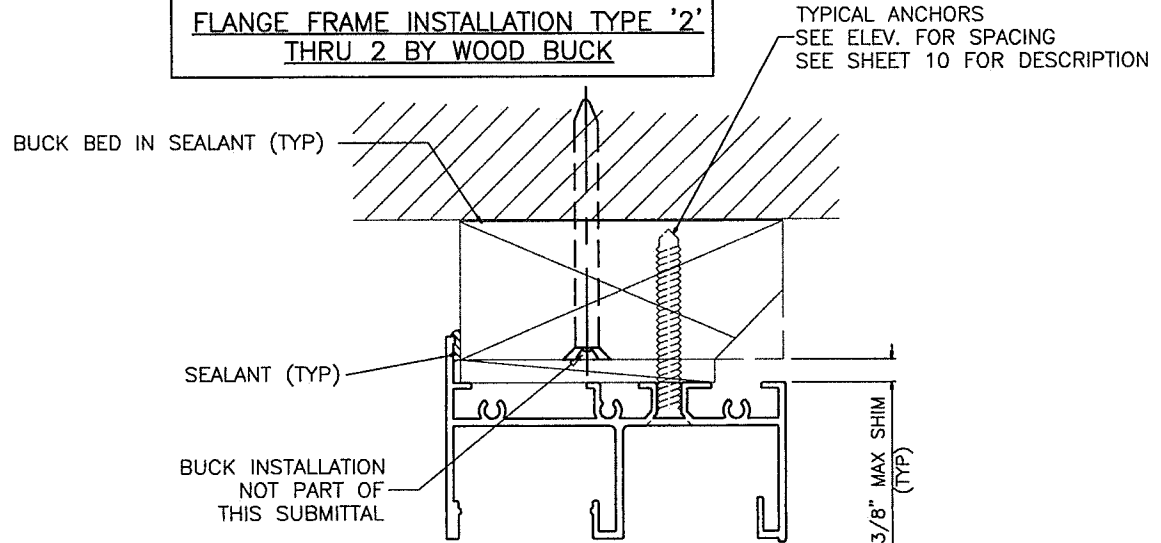
INSTALLATION CONDITIONS FLANGE FRAME

FLANGE FRAME INSTALLATION TYPE '1'
THRU 1 BY WOOD BUCK



WOOD BUCKS NOT BY WINDOOR CORP., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

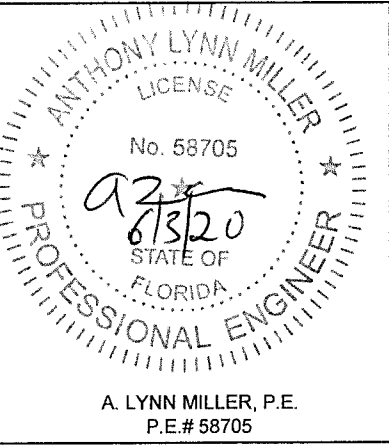
FLANGE FRAME INSTALLATION TYPE '2'
THRU 2 BY WOOD BUCK



Optional Pre-Cast Sill

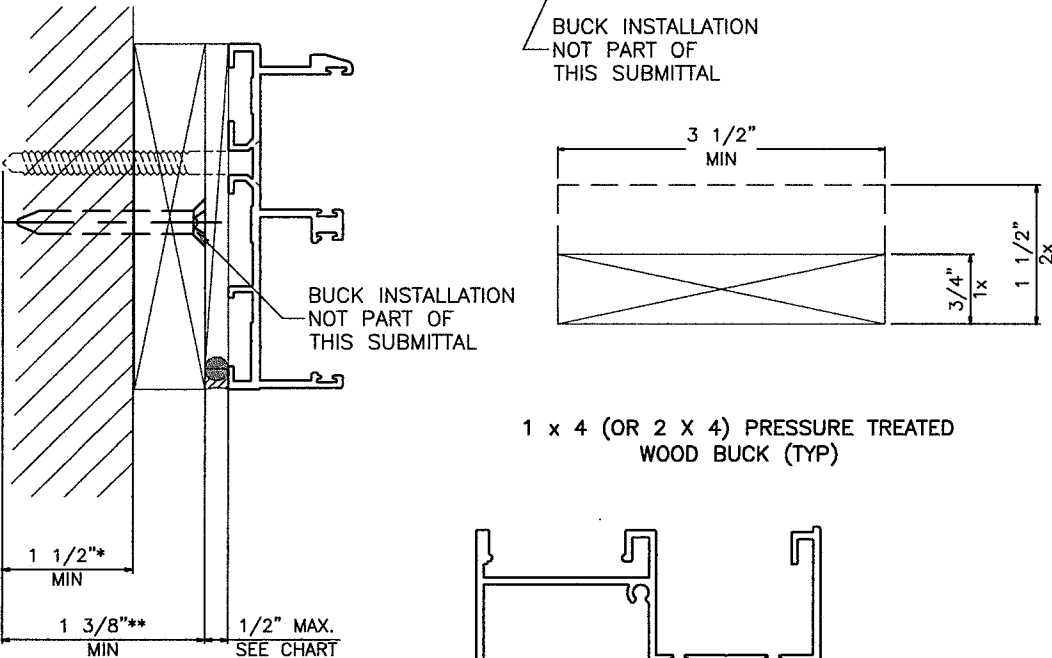
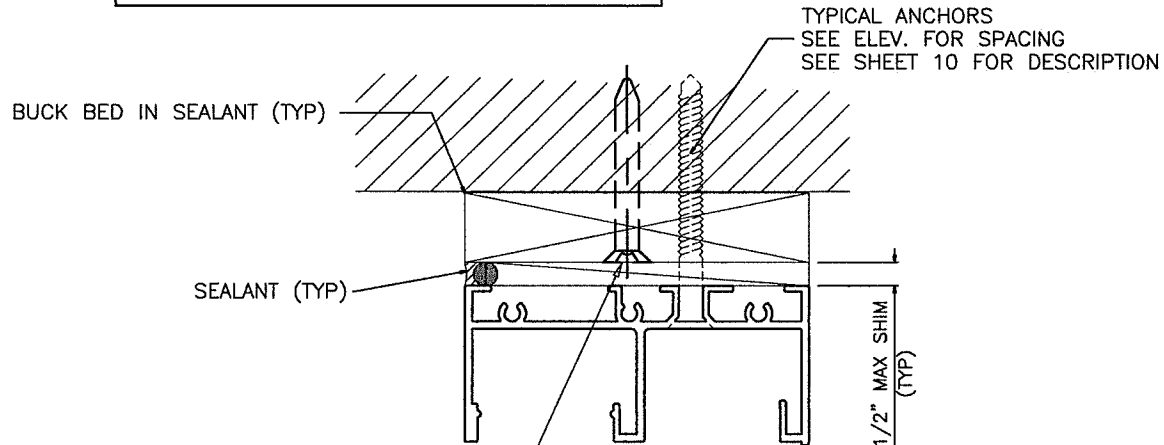
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Ishaq I. Chandra*
Miami-Dade Product Control

WINDOOR® <u>INCORPORATED</u> 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
375 ALUM. HORIZONTAL ROLLER WDW. - SMI		Date		05/29/20	
FLANGE INSTALLATION		By		J ROSOWSKI	
HR375 "ESTATE"		Scale		8 OF 15	
NTS		Sheet		No. 375SMNOA-1	
Desires		DWG		Rev. A	

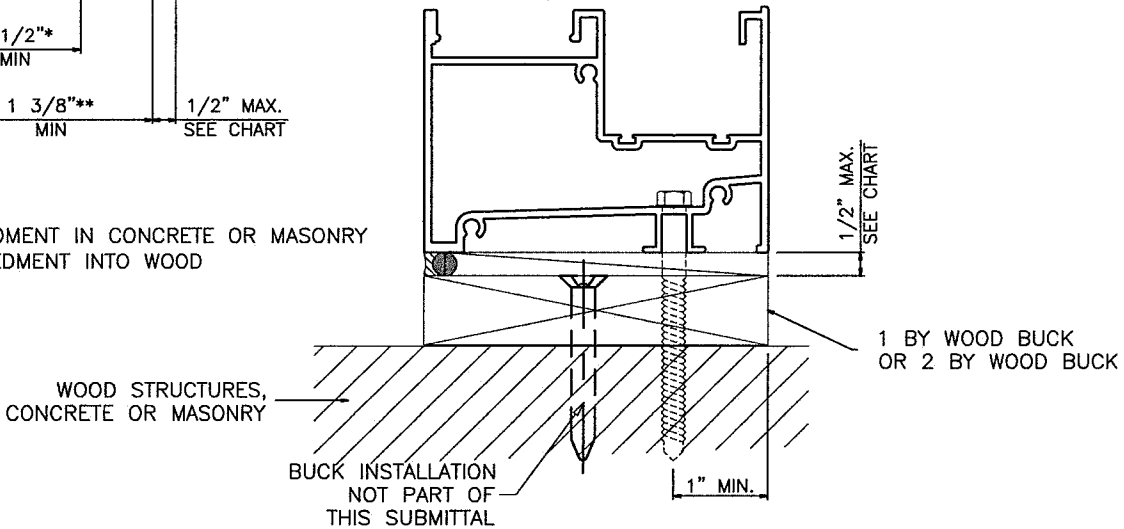


INSTALLATION CONDITIONS EQUAL LEG FRAME

EQUAL LEG INSTALLATION TYPE '1'
THRU 1 OR 2 BY WOOD BUCK



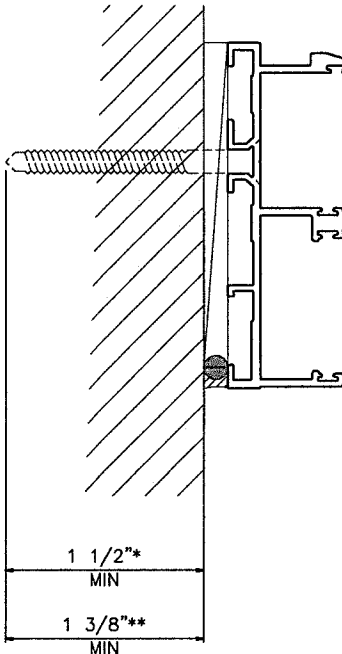
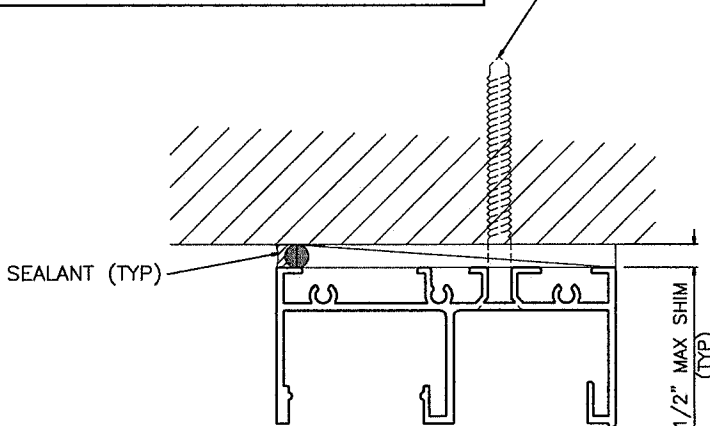
*1 1/2" EMBEDMENT IN CONCRETE OR MASONRY
**1 3/8" EMBEDMENT INTO WOOD



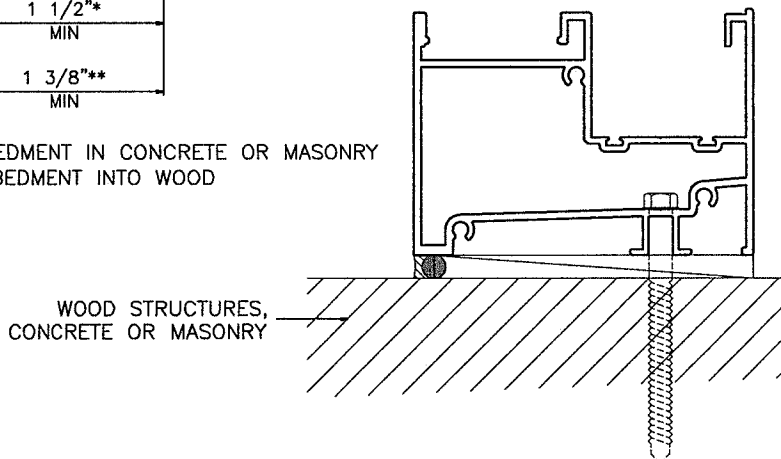
WOOD BUCKS NOT BY WINDOOR CORP., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

EQUAL LEG INSTALLATION TYPE '2' DIRECTLY INTO STRUCTURE OPENING

TYPICAL ANCHORS
- SEE ELEV. FOR SPACING
SEE SHEET 10 FOR DESCRIPTION



*1 1/2" EMBEDMENT IN CONCRETE OR MASONRY
 **1 3/8" EMBEDMENT INTO WOOD



WOOD STRUCTURES,
CONCRETE OR MASONRY

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By Ishaq I. Chande
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

05/29/20

By J ROSOWSKI

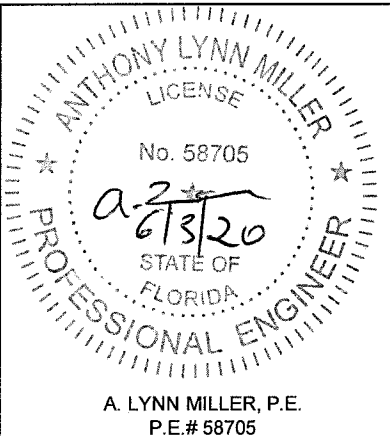
375SMNOA-1

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400

375 ALUM. HORIZONTAL RO

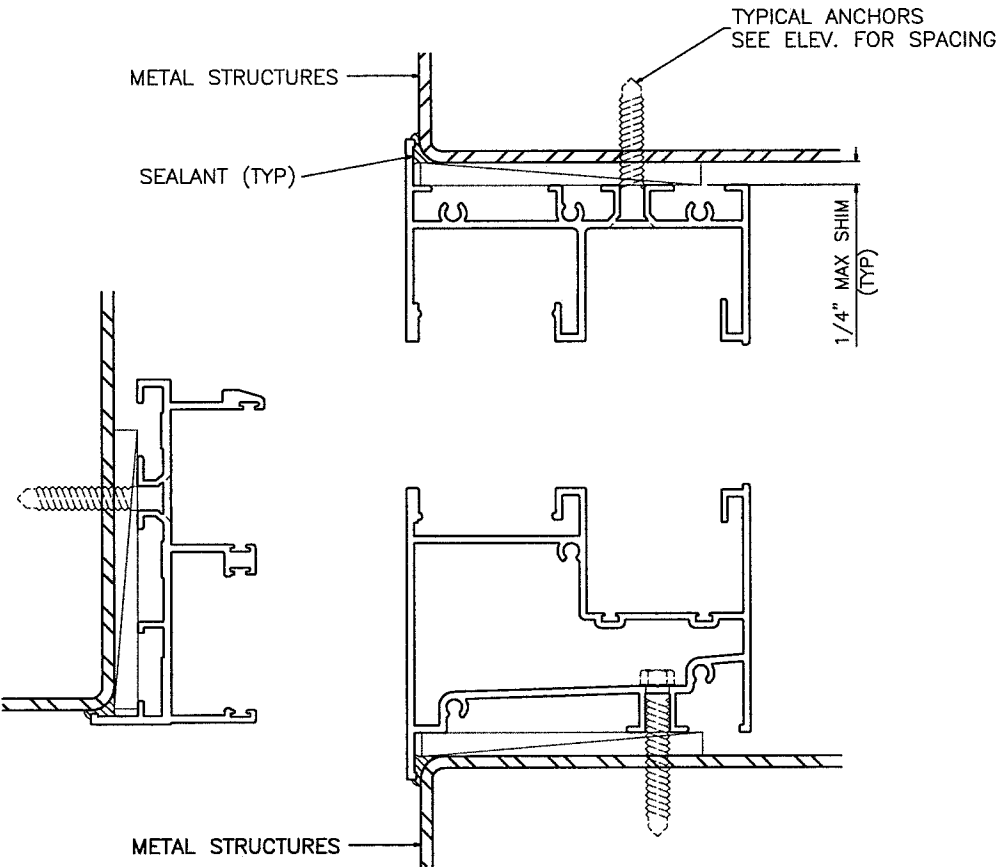
EQUAL LEG INSTALLATION

HR375 "ESTATE"

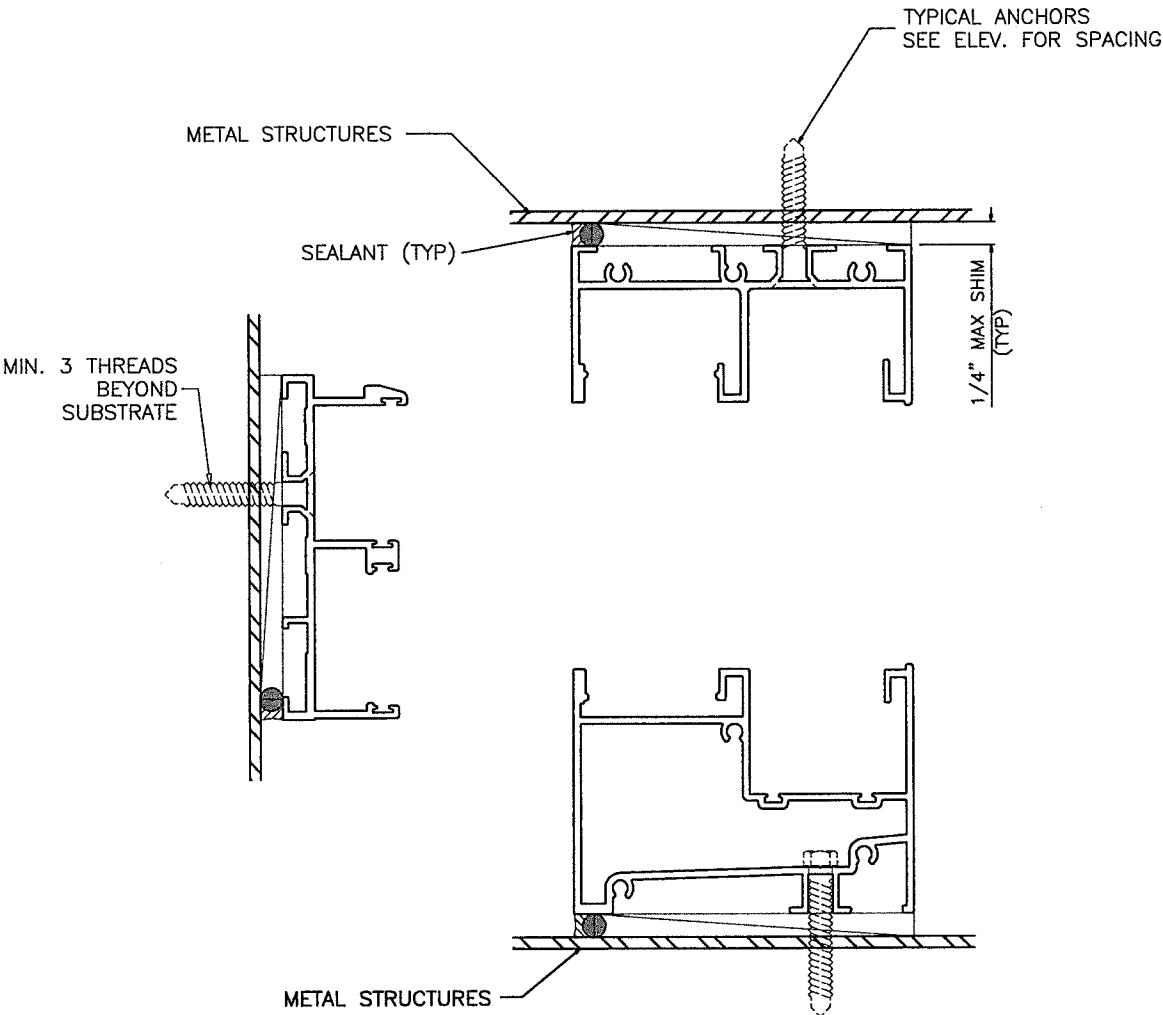


INSTALLATION CONDITIONS METAL STRUCTURES

FLANGE FRAME INSTALLATION



EQUAL LEG FRAME INSTALLATION



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

1/4" DIA. HILTI KWIK-CON II (Fu=163 KSI, Fy=157 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/2" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

(NOT APPLICABLE FOR SHIM THICKNESSES OVER 1/4".)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

1" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

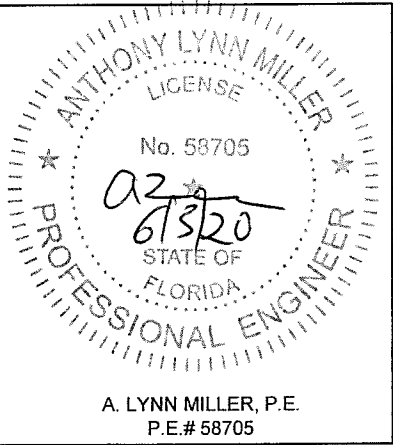
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

Expiration Date 07/01/2024

By *Ishaq I. Chande*
Miami-Dade Product Control

Revision: ADDED ANCHOR TYPE -
JR - 5/29/20

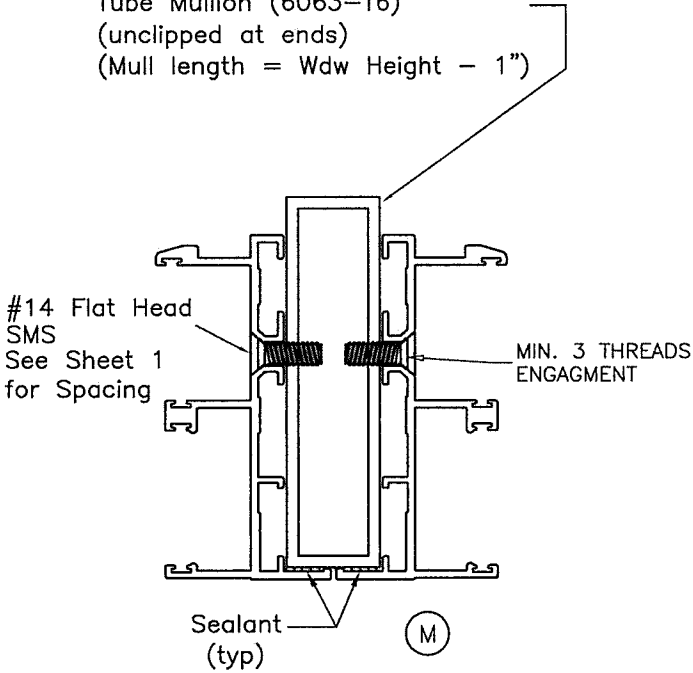
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date 05/29/20	By J ROSOWSKI	Dwg No.	Sheet 10 OF 15	Scale NTS	Title INSTALLATION INTO METAL	Series HR375 "ESTATE"	Rev.	A
									Rev.	1
									Rev.	2
									Rev.	3



MULLION PERFORMANCE

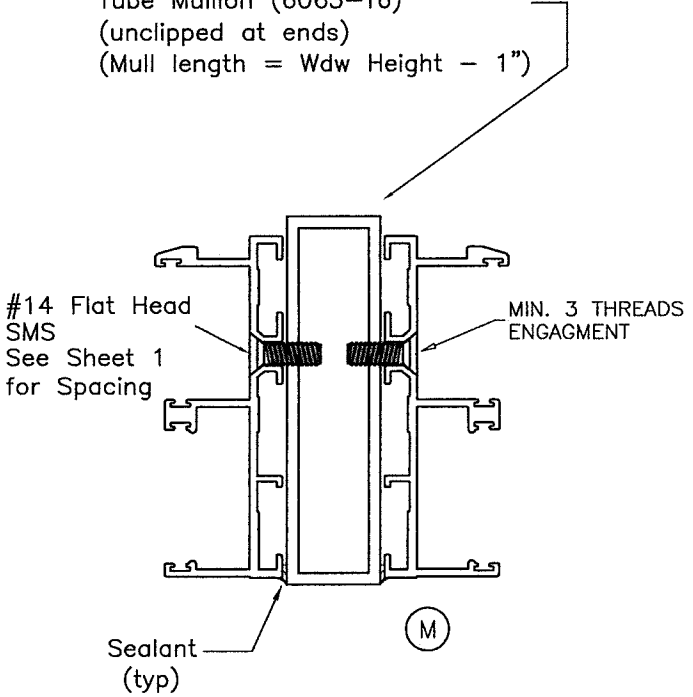
MULLION AT FLANGE WINDOWS

1" x 4" x 1/8" thk. Aluminum
Tube Mullion (6063-T6)
(unclipped at ends)
(Mull length = Wdw Height - 1")

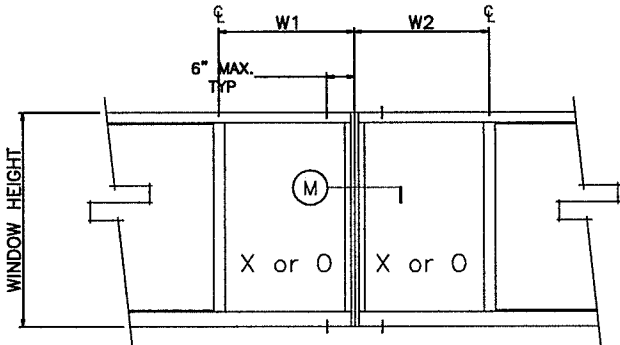


MULLION AT FLANGE WINDOWS

1" x 4" x 1/8" thk. Aluminum
Tube Mullion (6063-T6)
(unclipped at ends)
(Mull length = Wdw Height - 1")



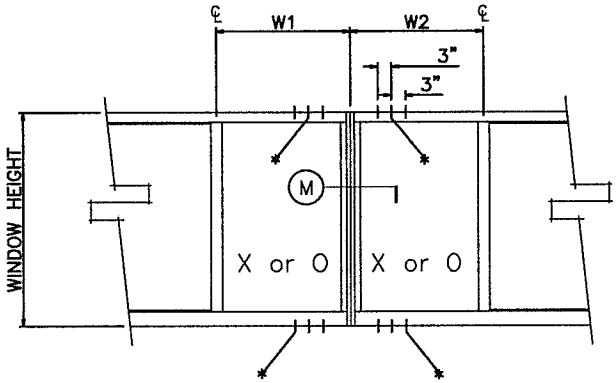
STANDARD INSTALLATION



MULTIPLE OPENING
(2 OR MORE WINDOWS)
w/ 1 SCREW ON EACH SIDE OF MULLION

TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$

HIGH LOAD INSTALLATION



MULTIPLE OPENING
(2 OR MORE WINDOWS)
w/ 2 OR 3 SCREWS ON EACH SIDE OF MULLION
(* = ADDITIONAL HOLES TO BE DRILLED BY
INSTALLER)

MULLION DESIGN LOAD CAPACITY - PSF		
TRIBUTARY WIDTH	WINDOW HEIGHT	EXT.(+) INT.(-)
24"	54"	210.0
28"		210.0
30"		210.0
32"		210.0
36"		210.0
39"		210.0
40"		210.0
42"		210.0
44"		210.0
46"		210.0
48"	60"	210.0
52"		210.0
24"		210.0
28"		210.0
30"		210.0
32"		210.0
36"		210.0
39"		210.0
40"		210.0
42"		210.0
44"		210.0
46"		210.0
47"	66"	210.0
24"		210.0
28"		210.0
30"		210.0
32"		210.0
42"		210.0

MULLION DESIGN LOAD CAPACITY - PSF		
TRIBUTARY WIDTH	WINDOW HEIGHT	EXT.(+) INT.(-)
24"	72"	210.0
28"		210.0
30"		210.0
32"		210.0
36"		210.0
39"		208.3
24"	76"	210.0
28"		210.0
30"		210.0
32"		206.8
36"		187.5
37"		183.4

All values shown are Design PSF
(Pounds per Square Foot)

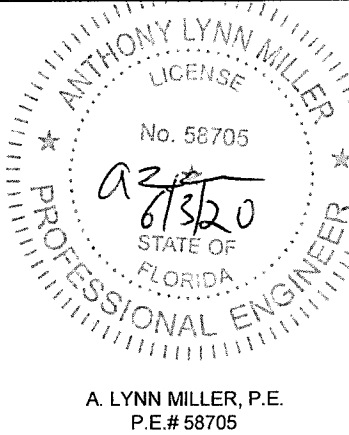
MULLION DESIGN LOAD CAPACITY - PSF		
TRIBUTARY WIDTH	WINDOW HEIGHT	EXT.(+) INT.(-)
18"	38-3/8"	210.0
26-1/2"		210.0
37"		210.0
44"		210.0
56"		210.0
71"		210.0
18"	50-5/8"	210.0
26-1/2"		210.0
37"		210.0
44"		210.0
55"	63"	210.0
18"		210.0
26-1/2"		210.0
37"		210.0
44"	72"	210.0
18"		210.0
26-1/2"		210.0
37"		210.0
39"	76"	208.3
18"		210.0
26-1/2"	76"	210.0
37"		183.4

NOTE:
VALUES FROM CHARTS MAY
BE INTERPOLATED BETWEEN SIZES

ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By Ishag I. Chank
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	05/29/20	Rev.	A
		By	J ROSOWSKI	No.	375SMNOA-1
		Drawn		DWG	
				11 OF 15	
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	Sheet	NTS	Scale	
	MULLION DP 1	HR375 "ESTATE"			

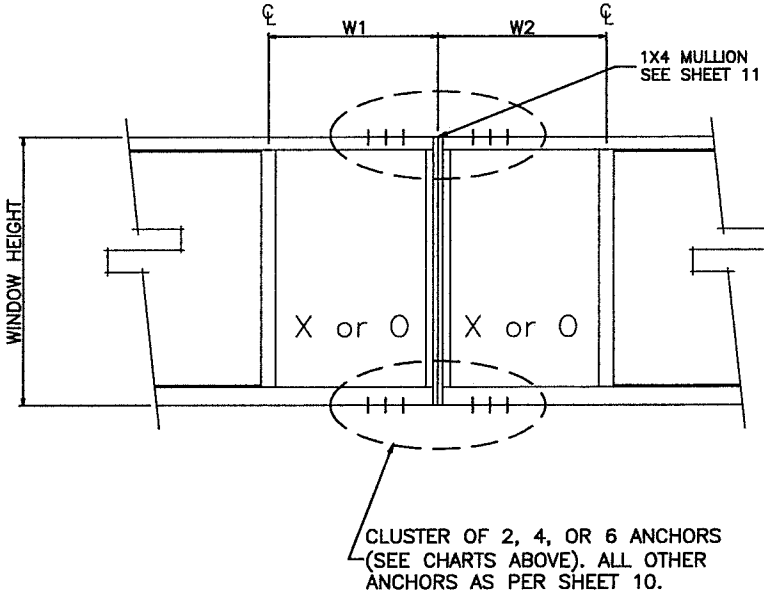


PERFORMANCE VALUES OF UNCLIPPED MULLION ANCHORS EXT.(+) & INT.(-)										
TRIBUTARY WIDTH	WINDOW HEIGHT	1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/2" MAX. SHIM SPACE		
		CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6
24"	54"	107.6	210.0	210.0	89.3	178.7	210.0	69.3	138.7	208.0
28"		92.2	184.4	210.0	76.6	153.1	210.0	59.4	118.9	178.3
30"		86.0	172.1	210.0	71.5	142.9	210.0	55.5	110.9	166.4
32"		80.7	161.3	210.0	67.0	134.0	201.0	52.0	104.0	156.0
36"		71.7	143.4	210.0	59.6	119.1	178.7	46.2	92.4	138.7
48"		53.8	107.6	161.3	44.7	89.3	134.0	34.7	69.3	104.0
24"	60"	96.8	193.6	210.0	80.4	160.8	210.0	62.4	124.8	187.2
28"		83.0	165.9	210.0	68.9	137.8	206.7	53.5	107.0	160.5
30"		77.4	154.9	210.0	64.3	128.6	193.0	49.9	99.8	149.8
32"		72.6	145.2	210.0	60.3	120.6	180.9	46.8	93.6	140.4
36"		64.5	129.1	193.6	53.6	107.2	160.8	41.6	83.2	124.8
24"	66"	88.0	176.0	210.0	73.1	146.2	210.0	56.7	113.5	170.2
28"		75.4	150.9	210.0	62.6	125.3	187.9	48.6	97.2	145.9
30"		70.4	140.8	210.0	58.5	116.9	175.4	45.4	90.8	136.1
32"		66.0	132.0	198.0	54.8	109.6	164.5	42.5	85.1	127.6
36"		58.7	117.3	176.0	48.7	97.5	146.2	37.8	75.6	113.5
24"	72"	80.7	161.3	210.0	67.0	134.0	201.0	52.0	104.0	156.0
28"		69.1	138.3	207.4	57.4	114.9	172.3	44.6	89.1	133.7
30"		64.5	129.1	193.6	53.6	107.2	160.8	41.6	83.2	124.8
32"		60.5	121.0	181.5	50.3	100.5	150.8	39.0	78.0	117.0
36"		53.8	107.6	161.3	44.7	89.3	134.0	34.7	69.3	104.0
24"	76"	76.4	152.8	210.0	63.5	126.9	190.4	49.3	98.5	147.8
28"		65.5	131.0	196.5	54.4	108.8	163.2	42.2	84.5	126.7
30"		61.1	122.3	183.4	50.8	101.6	152.3	39.4	78.8	118.2
32"		57.3	114.6	171.9	47.6	95.2	142.8	36.9	73.9	110.8
36"		50.9	101.9	152.8	42.3	84.6	126.9	32.8	65.7	98.5

All values shown are Design PSF (Pounds per Square Foot)

PERFORMANCE VALUES OF UNCLIPPED MULLION ANCHORS EXT.(+) & INT.(-)										
TRIBUTARY WIDTH	WINDOW HEIGHT	1/4" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/2" MAX. SHIM SPACE		
		CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6
18"	38-3/8"	201.8	210.0	210.0	167.6	210.0	210.0	130.1	210.0	210.0
26-1/2'		137.1	210.0	210.0	113.8	210.0	210.0	88.4	176.7	210.0
37"		98.2	196.3	210.0	81.5	163.1	210.0	63.3	126.6	189.9
44"		82.6	165.1	210.0	68.6	137.1	205.7	53.2	106.4	159.6
56"		64.9	129.7	194.6	53.9	107.7	161.6	41.8	83.6	125.4
71"		51.2	102.3	153.5	42.5	85.0	127.5	33.0	66.0	98.9
18"	50-5/8"	153.0	210.0	210.0	127.1	210.0	210.0	98.6	197.2	210.0
26-1/2'		103.9	207.8	210.0	86.3	172.6	210.0	67.0	134.0	200.9
37"		74.4	148.8	210.0	61.8	123.6	185.4	48.0	95.9	143.9
44"	63"	62.6	125.2	187.7	52.0	104.0	155.9	40.3	80.7	121.0
18"		122.9	210.0	210.0	102.1	204.2	210.0	79.2	158.5	210.0
26-1/2'		83.5	167.0	210.0	69.3	138.7	208.0	53.8	107.6	161.5
37"	72"	59.8	119.6	179.4	49.7	99.3	149.0	38.5	77.1	115.6
44"		50.3	100.6	150.9	41.8	83.5	125.3	32.4	64.8	97.2
18"		107.6	210.0	210.0	89.3	178.7	210.0	69.3	138.7	208.0
26-1/2'	76"	73.1	146.1	210.0	60.7	121.4	182.0	47.1	94.2	141.3
37"		52.3	104.6	157.0	43.5	86.9	130.4	33.7	67.5	101.2
18"		101.9	203.8	210.0	84.6	169.3	210.0	65.7	131.4	197.1
26-1/2'	76"	69.2	138.4	207.6	57.5	115.0	172.5	44.6	89.2	133.8
37"		49.6	99.1	148.7	41.2	82.3	123.5	32.0	63.9	95.9

TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$



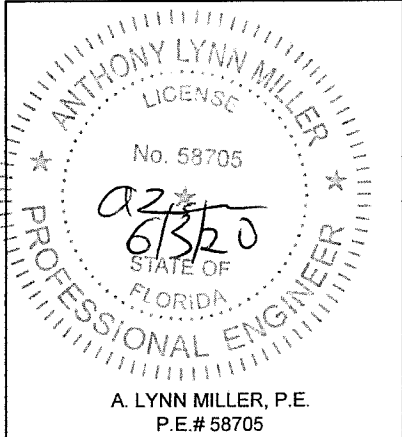
NOTE:
VALUES FROM CHARTS MAY
BE INTERPOLATED BETWEEN SIZES

ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

MULLION ANCHORS
ADJACENT TO MULLIONS AT HEAD & SILL
ALL OTHER WINDOW ANCHORS
AS PER SHEETS 8 THRU 11

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Isaac I. Chanik*
Miami-Dade Product Control

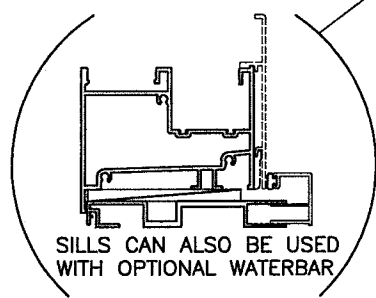
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	05/29/20	J ROSOWSKI	375SMNOA-1 A
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI	Date	By	No.
MULLION DP 2	HR375 "ESTATE"	Sheet	NTS	Scale
12 OF 15	12 OF 15	12 OF 15	12 OF 15	12 OF 15



PERFORMANCE VALUES OF ALUMINUM BUCK INSTALLATION ANCHORS EXT.(+) & INT.(-)							
WINDOW DIMS.		ANCHORS AT 16" O.C.			ANCHORS AT 8" O.C.		
WIDTH	HEIGHT	BLOCK	CONC.	WOOD	BLOCK	CONC.	WOOD
36"	36"	160.0	210.0	200.0	210.0	210.0	210.0
48"		128.0	210.0	160.0	192.0	210.0	210.0
56"		101.1	176.8	126.3	176.8	210.0	210.0
60"		91.4	160.0	114.3	160.0	210.0	200.0
64"		104.3	182.6	130.4	167.0	210.0	208.7
72"		88.9	155.6	111.1	160.0	210.0	200.0
80"		92.9	162.6	116.1	154.8	210.0	193.5
84"		87.3	152.7	109.1	145.5	210.0	181.8
88"		82.3	144.0	102.9	150.9	210.0	188.6
96"		86.2	150.8	107.7	147.7	210.0	184.6
108"		74.7	130.7	93.3	138.7	210.0	173.3
112"		81.7	143.0	102.1	143.0	210.0	178.7
117"		77.6	135.8	97.0	145.5	210.0	181.8
126"		80.0	140.0	100.0	142.2	210.0	177.8
144"		76.2	133.3	95.2	137.1	210.0	171.4
36"	48"	128.0	210.0	160.0	192.0	210.0	210.0
48"		120.0	210.0	150.0	180.0	210.0	210.0
56"		90.0	157.5	112.5	157.5	210.0	196.9
60"		80.0	140.0	100.0	140.0	210.0	175.0
64"		90.0	157.5	112.5	144.0	210.0	180.0
72"		75.0	131.3	93.8	135.0	210.0	168.8
80"		77.1	135.0	96.4	128.6	210.0	160.7
84"		72.0	126.0	90.0	120.0	210.0	150.0
88"		67.5	118.1	84.4	123.8	210.0	154.7
96"		70.0	122.5	87.5	120.0	210.0	150.0
108"		60.0	105.0	75.0	111.4	195.0	139.3
112"		65.5	114.5	81.8	114.5	200.5	143.2
117"		61.9	108.4	77.4	116.1	203.2	145.2
126"		63.5	111.2	79.4	112.9	197.6	141.2
144"		60.0	105.0	75.0	108.0	189.0	135.0
36"	54"	106.7	186.7	133.3	186.7	210.0	210.0
48"		96.0	168.0	120.0	168.0	210.0	210.0
56"		88.3	154.5	110.3	154.5	210.0	193.1
60"		77.6	135.8	97.0	135.8	210.0	169.7
64"		86.5	151.4	108.1	138.4	210.0	173.0
72"		71.1	124.4	88.9	128.0	210.0	160.0
80"		72.5	126.8	90.6	120.8	210.0	150.9
84"		67.4	117.9	84.2	112.3	196.5	140.4
88"		63.0	110.2	78.7	115.4	202.0	144.3
96"		64.9	113.6	81.2	111.3	194.8	139.1
108"		55.3	96.8	69.1	102.7	179.8	128.4
112"		60.2	105.4	75.3	105.4	184.5	131.8
117"		56.9	99.6	71.1	106.7	186.7	133.3
126"		58.2	101.8	72.7	103.4	181.0	129.3
144"		54.7	95.7	68.4	98.5	172.3	123.1
36"	60"	91.4	160.0	114.3	160.0	210.0	200.0
48"		80.0	140.0	100.0	140.0	210.0	175.0
56"		77.1	135.0	96.4	135.0	210.0	168.8
60"		76.8	134.4	96.0	134.4	210.0	168.0
64"		76.8	134.4	96.0	134.4	210.0	168.0
72"		68.6	120.0	85.7	123.4	210.0	154.3
80"		69.1	121.0	86.4	115.2	201.6	144.0
84"		64.0	112.0	80.0	106.7	186.7	133.3
88"		59.6	104.3	74.5	109.2	191.2	136.6
96"		61.1	106.9	76.4	104.7	183.3	130.9
108"		51.7	90.5	64.6	96.0	168.0	120.0
112"		56.2	98.3	70.2	98.3	172.1	122.9
117"		53.0	92.7	66.2	99.3	173.8	124.1
126"		54.0	94.5	67.5	96.0	168.0	120.0

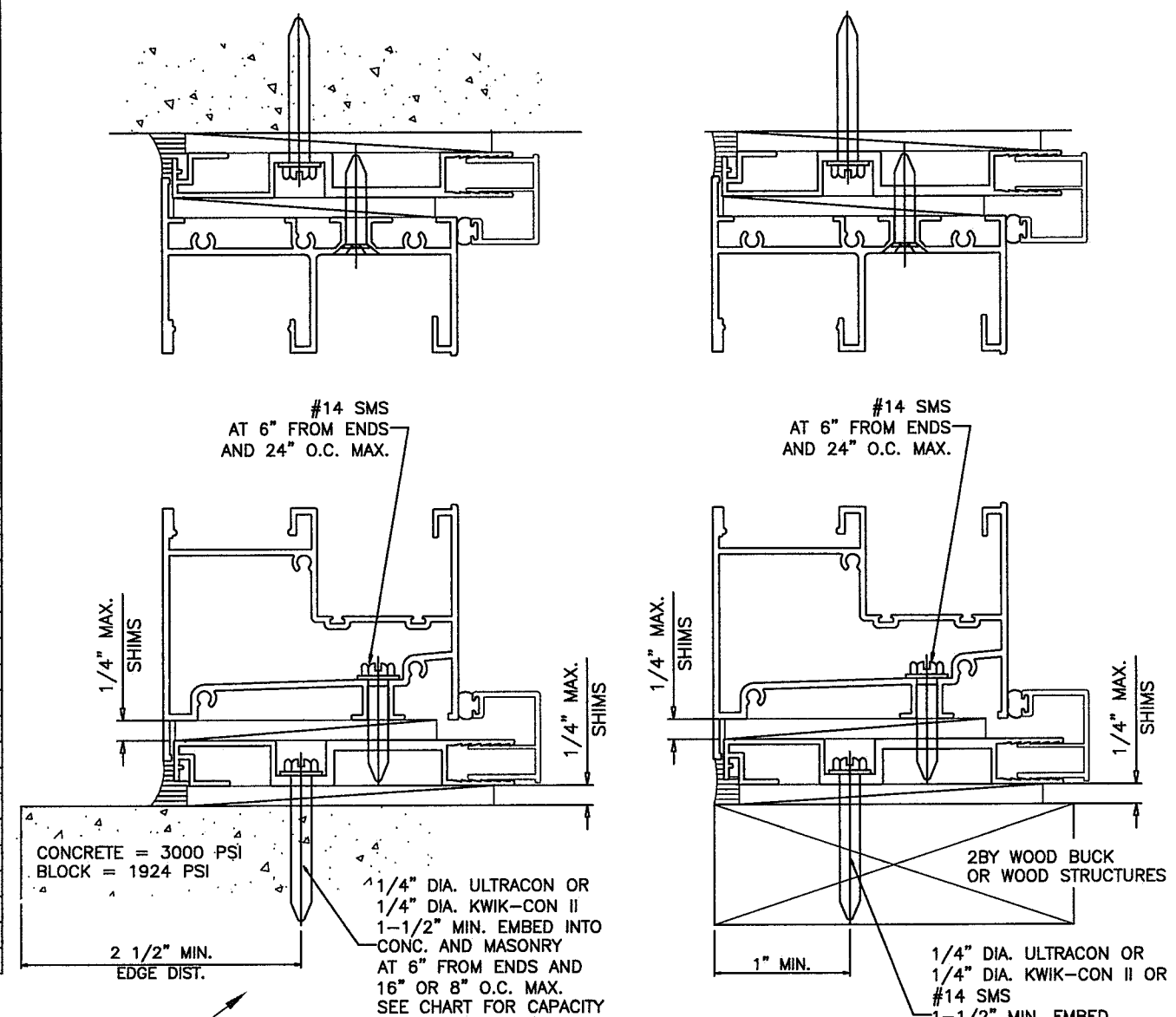
PERFORMANCE VALUES OF ALUMINUM BUCK INSTALLATION ANCHORS EXT.(+) & INT.(-)							
WINDOW DIMS.		ANCHORS AT 16" O.C.			ANCHORS AT 8" O.C.		
WIDTH	HEIGHT	BLOCK	CONC.	WOOD	BLOCK	CONC.	WOOD
36"	66"	100.0	175.0	125.0	160.0	210.0	200.0
48"		85.7	150.0	107.1	137.1	210.0	171.4
56"		81.2	142.1	101.5	129.9	210.0	162.4
60"		76.8	134.4	96.0	128.0	210.0	160.0
64"		79.4	139.0	99.3	127.1	210.0	158.8
72"		67.1	117.5	83.9	120.8	210.0	151.0
80"		66.8	117.0	83.6	111.4	195.0	139.3
84"		61.6	107.8	77.0	102.7	179.7	128.3
88"		57.1	100.0	71.4	104.7	183.3	130.9
96"		58.2	101.8	72.7	99.7	174.5	124.7
108"		48.9	85.5	61.1	90.8	158.8	113.5
112"		53.0	92.8	66.3	92.8	162.4	116.0
117"		49.9	87.3	62.3	93.5	163.6	116.9
36"	72"	88.9	155.6	111.1	160.0	210.0	200.0
48"		75.0	131.3	93.8	135.0	210.0	168.8
56"		70.1	122.7	87.7	126.2	210.0	157.8
60"		68.6	120.0	85.7	123.4	210.0	154.3
64"		67.5	118.1	84.4	121.5	210.0	151.9
72"		66.7	116.7	83.3	120.0	210.0	150.0
80"		65.5	114.5	81.8	109.1	190.9	136.4
84"		60.0	105.0	75.0	100.0	175.0	125.0
88"		55.4	96.9	69.2	101.5	177.7	126.9
96"		56.0	98.0	70.0	96.0	168.0	120.0
108"		46.7	81.7	58.3	86.7	151.7	108.3
112"		50.5	88.4	63.2	88.4	154.7	110.5
36"	76"	82.8	144.8	103.4	149.0	210.0	186.2
48"		69.2	121.2	86.5	124.6	210.0	155.8
56"		64.3	112.5	80.4	115.7	202.5	144.6
60"		62.6	109.6	78.3	112.7	197.2	140.9
64"		61.4	107.4	76.7	110.5	193.3	138.1
72"		60.0	105.0	75.0	108.0	189.0	135.0
80"		59.8	104.7	74.8	107.7	188.5	134.6
84"		59.3	103.8	74.1	98.9	173.0	123.6
88"		54.6	95.5	68.2	100.0	175.1	125.1
96"		54.9	96.0	68.6	94.1	164.6	117.6
108"		45.5	79.6	56.8	84.5	147.8	105.6

NOTE:
VALUES FROM CHARTS MAY
BE INTERPOLATED BETWEEN SIZES
ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

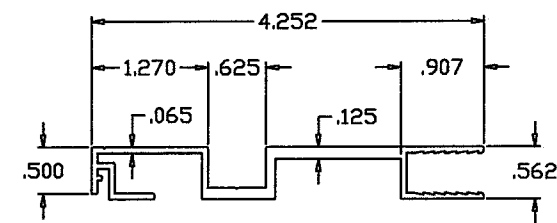


ALUMINUM BUCK FRAMING DETAILS

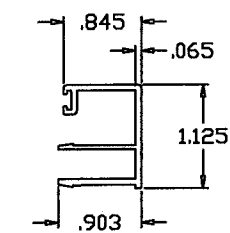
REFER TO SHEETS 4 & 6 FOR WINDOW CAPACITIES
USE LOWER APPLICABLE VALUES.



TYPICAL INSTALLATION DETAIL
ON ALL FOUR SIDES/USING ALUMINUM BUCK SYSTEM



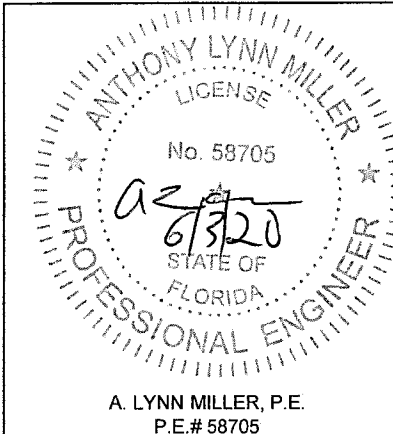
ALUMINUM BUCK
6063-T6



OPTIONAL COVER
6063-T6

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13
Expiration Date 07/01/2024
By *Ishag I. Chande*
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296		J ROSOWSKI	375SMNOA-1	A			
	Date	05/29/20						
	Drawn By							
	No.	13 OF 15						
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (407) 481-8400	375 ALUM. HORIZONTAL ROLLER WDW. - SMI		ALUM BUCK DP 1	HR375 "ESTATE"	NTS			
A. LYNN MILLER, P.E. P.E.# 58705			Professional Engineer					

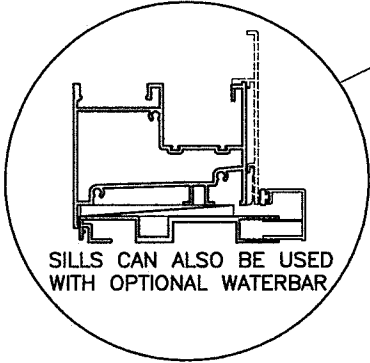


PERFORMANCE VALUES OF ALUMINUM BUCK INSTALLATION ANCHORS EXT.(+) & INT.(-)							
WINDOW DIMS.		ANCHORS AT 16" O.C.			ANCHORS AT 8" O.C.		
WIDTH	HEIGHT	BLOCK	CONC.	WOOD	BLOCK	CONC.	WOOD
26-1/2"	38-3/8"	155.7	210.0	194.6	210.0	210.0	210.0
53-1/8"		106.1	185.8	132.7	185.8	210.0	210.0
79-11/16"		89.3	156.3	111.6	148.9	210.0	186.1
106-1/4"		72.4	126.7	90.5	134.5	210.0	168.1
111"		78.5	137.3	98.1	137.3	210.0	171.7
119-1/4"		72.0	126.0	90.0	135.0	210.0	168.8
159-3/8"		70.7	123.7	88.3	128.5	210.0	160.6
26-1/2"	50-5/8"	139.6	210.0	174.5	209.4	210.0	210.0
53-1/8"		98.2	171.8	122.7	161.8	210.0	202.3
79-11/16"		75.3	131.8	94.2	125.5	210.0	156.9
106-1/4"		59.0	103.3	73.8	109.6	191.9	137.1
111"		63.7	111.5	79.7	111.5	195.2	139.4
119-1/4"		58.1	101.7	72.7	109.0	190.8	136.3
159-3/8"		56.0	98.0	70.0	101.8	178.2	127.3
26-1/2"	63"	131.1	210.0	163.8	209.7	210.0	210.0
53-1/8"		89.3	156.2	111.6	142.8	210.0	178.5
79-11/16"		68.3	119.5	85.4	113.8	199.2	142.3
106-1/4"		51.4	89.9	64.2	95.4	167.0	119.3
111"		55.2	96.6	69.0	96.6	169.1	120.8
119-1/4"		50.0	87.5	62.5	93.8	164.1	117.2
26-1/2"	72"	111.0	194.2	138.7	199.8	210.0	210.0
53-1/8"		71.6	125.3	89.5	128.9	210.0	161.1
79-11/16"		65.9	115.4	82.4	109.9	192.3	137.3
106-1/4"		47.8	83.7	59.8	88.8	155.4	111.0
111"		51.2	89.6	64.0	89.6	156.8	112.0
119-1/4"		49.8	87.2	62.3	87.2	152.6	109.0
26-1/2"	76"	103.9	181.9	129.9	187.0	210.0	210.0
53-1/8"		65.8	115.1	82.2	118.4	207.3	148.0
79-11/16"		59.8	104.7	74.8	107.7	188.5	134.6
106-1/4"		46.6	81.6	58.3	86.6	151.6	108.3
111"		49.8	87.2	62.3	87.2	152.6	109.0

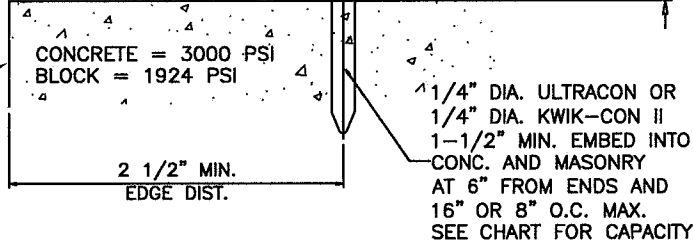
All values shown are Design PSF (Pounds per Square Foot)

NOTE:
VALUES FROM CHARTS MAY
BE INTERPOLATED BETWEEN SIZES

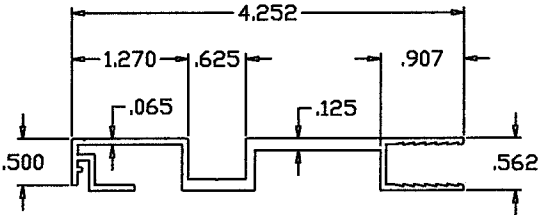
ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF



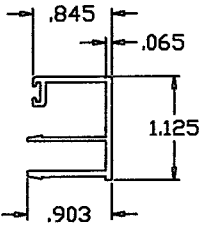
SILLS CAN ALSO BE USED
WITH OPTIONAL WATERBAR



TYPICAL INSTALLATION DETAIL
ON ALL FOUR SIDES/USING ALUMINUM BUCK SYSTEM



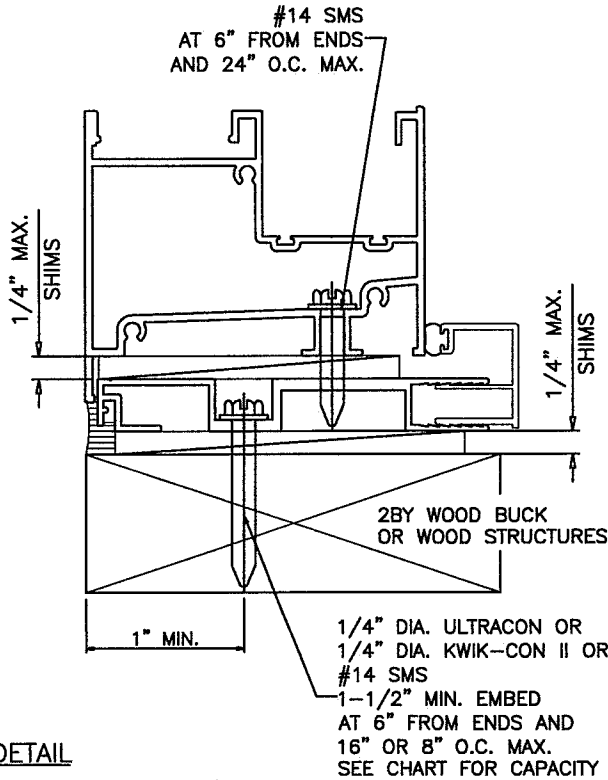
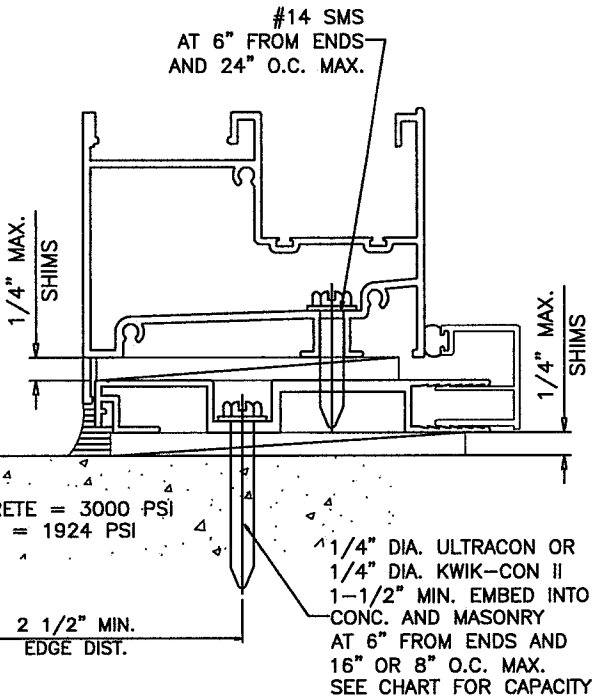
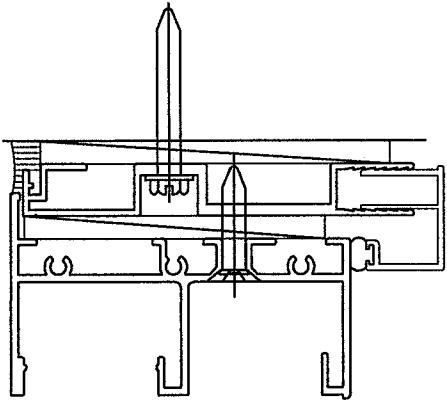
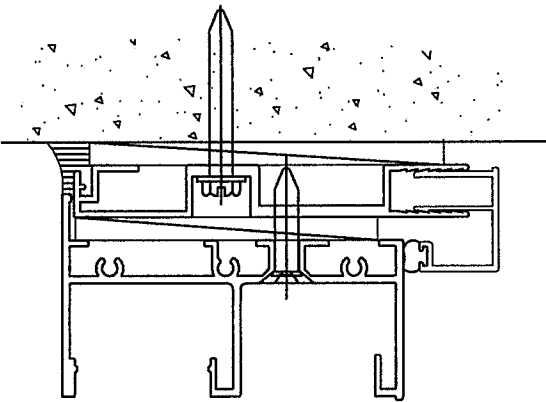
ALUMINUM BUCK
6063-T6



OPTIONAL COVER
6063-T6

ALUMINUM BUCK FRAMING DETAILS

REFER TO SHEETS 4 & 6 FOR WINDOW CAPACITIES
USE LOWER APPLICABLE VALUES.



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

Expiration Date 07/01/2024

By *Ishaq I. Chandra*
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

Date 05/29/20

By J ROSOWSKI

No. 375SMNOA-1

DWG 14 OF 15

Sheet NTS

Scale

Series

Desc.

HR375 "ESTATE"

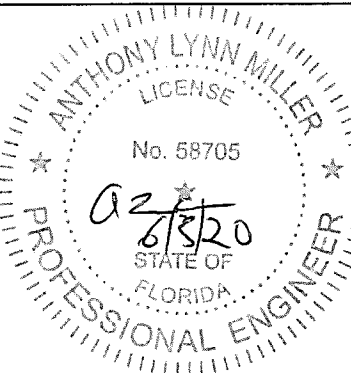
ALUM BUCK DP 2

375 ALUM. HORIZONTAL ROLLER WDW. - SMI

05/29/20

Rev. A

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400



A. LYNN MILLER, P.E.
P.E.# 58705

PERFORMANCE VALUES
OF ALUMINUM BUCK ANCHORS
AT MULLION JOINTS
EXT.(+) & INT.(-)

TRIBUTARY WIDTH	WINDOW HEIGHT	ANCHORS INTO BLOCK			ANCHORS INTO CONCRETE			ANCHORS INTO WOOD		
		CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6
24"	54"	53.3	106.7	160.0	93.3	186.7	210.0	66.7	133.3	200.0
28"		45.7	91.4	137.1	80.0	160.0	210.0	57.1	114.3	171.4
32"		40.0	80.0	120.0	70.0	140.0	210.0	50.0	100.0	150.0
36"		35.6	71.1	106.7	62.2	124.4	186.7	44.4	88.9	133.3
39"		32.8	65.6	98.5	57.4	114.9	172.3	41.0	82.1	123.1
40"		32.0	64.0	96.0	56.0	112.0	168.0	40.0	80.0	120.0
42"		30.5	61.0	91.4	53.3	106.7	160.0	38.1	76.2	114.3
44"		29.1	58.2	87.3	50.9	101.8	152.7	36.4	72.7	109.1
46"		27.8	55.7	83.5	48.7	97.4	146.1	34.8	69.6	104.3
48"	60"	26.7	53.3	80.0	46.7	93.3	140.0	33.3	66.7	100.0
52"		24.6	49.2	73.8	43.1	86.2	129.2	30.8	61.5	92.3
24"		48.0	96.0	144.0	84.0	168.0	210.0	60.0	120.0	180.0
28"		41.1	82.3	123.4	72.0	144.0	210.0	51.4	102.9	154.3
32"		36.0	72.0	108.0	63.0	126.0	189.0	45.0	90.0	135.0
36"		32.0	64.0	96.0	56.0	112.0	168.0	40.0	80.0	120.0
39"		29.5	59.1	88.6	51.7	103.4	155.1	36.9	73.8	110.8
40"		28.8	57.6	86.4	50.4	100.8	151.2	36.0	72.0	108.0
42"		27.4	54.9	82.3	48.0	96.0	144.0	34.3	68.6	102.9
44"	66"	26.2	52.4	78.5	45.8	91.6	137.5	32.7	65.5	98.2
46"		25.0	50.1	75.1	43.8	87.7	131.5	31.3	62.6	93.9
24"		43.6	87.3	130.9	76.4	152.7	210.0	54.5	109.1	163.6
28"		37.4	74.8	112.2	65.5	130.9	196.4	46.8	93.5	140.3
32"		32.7	65.5	98.2	57.3	114.5	171.8	40.9	81.8	122.7
36"		29.1	58.2	87.3	50.9	101.8	152.7	36.4	72.7	109.1
39"		26.9	53.7	80.6	47.0	94.0	141.0	33.6	67.1	100.7
40"		26.2	52.4	78.5	45.8	91.6	137.5	32.7	65.5	98.2
42"		24.9	49.9	74.8	43.6	87.3	130.9	31.2	62.3	93.5
24"	72"	40.0	80.0	120.0	70.0	140.0	210.0	50.0	100.0	150.0
28"		34.3	68.6	102.9	60.0	120.0	180.0	42.9	85.7	128.6
32"		30.0	60.0	90.0	52.5	105.0	157.5	37.5	75.0	112.5
36"		26.7	53.3	80.0	46.7	93.3	140.0	33.3	66.7	100.0
39"	76"	24.6	49.2	73.8	43.1	86.2	129.2	30.8	61.5	92.3
24"		37.9	75.8	113.7	66.3	132.6	198.9	47.4	94.7	142.1
28"		32.5	65.0	97.4	56.8	113.7	170.5	40.6	81.2	121.8
32"		28.4	56.8	85.3	49.7	99.5	149.2	35.5	71.1	106.6
36"		25.3	50.5	75.8	44.2	88.4	132.6	31.6	63.2	94.7

All values shown are Design PSF (Pounds per Square Foot)

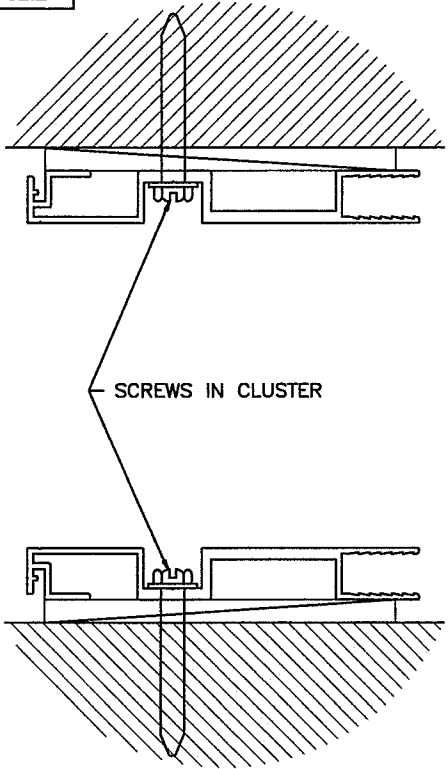
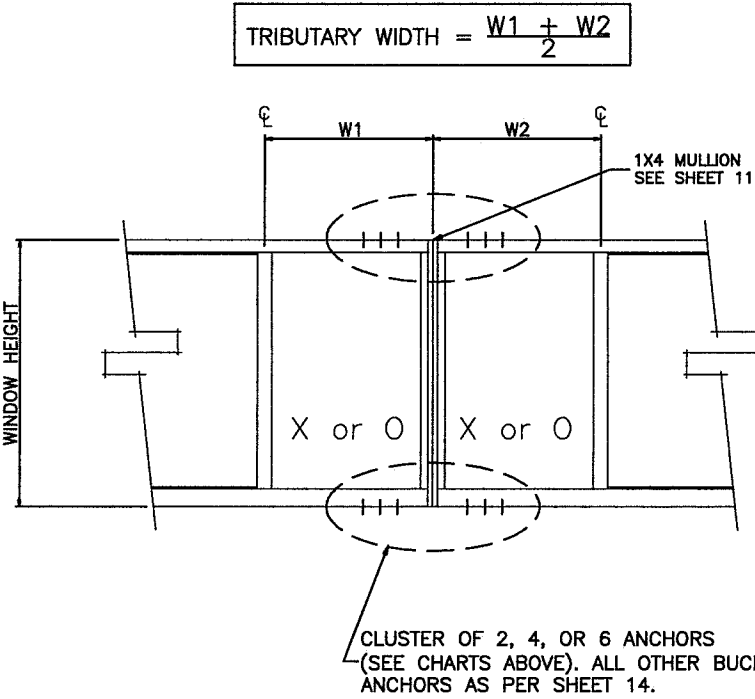
NOTE:
ALUMINUM BUCKS ARE SUPPLIED WITH
CLUSTER OF 2 (1 SCREW HOLE PER SIDE) STANDARD.
EXTRA HOLES MUST BE FIELD DRILLED IF REQUIRED.

ALL VALUES SHOWN ARE DESIGN PSF
VALUES FOR EXT.(+) LOADS SHOWN ARE FOR
SILL WITH WATERBAR ADAPTER.
FOR WINDOWS WITHOUT WATERBAR ADAPTER
LIMIT EXT.(+) LOADS TO 80.0 PSF

VALUES FROM CHARTS MAY
BE INTERPOLATED BETWEEN SIZES

PERFORMANCE VALUES
OF ALUMINUM BUCK ANCHORS
AT MULLION JOINTS
EXT.(+) & INT.(-)

TRIBUTARY WIDTH	WINDOW HEIGHT	ANCHORS INTO BLOCK			ANCHORS INTO CONCRETE			ANCHORS INTO WOOD		
		CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6	CLUSTER OF 2	CLUSTER OF 4	CLUSTER OF 6
18"	38-3/8"	100.1	200.1	210.0	175.1	210.0	210.0	125.1	210.0	210.0
26-1/2'		68.0	135.9	203.9	118.9	210.0	210.0	85.0	169.9	210.0
37"		48.7	97.4	146.0	85.2	170.4	210.0	60.9	121.7	182.6
44"		40.9	81.9	122.8	71.6	143.3	210.0	51.2	102.3	153.5
56"		32.2	64.3	96.5	56.3	112.6	168.9	40.2	80.4	120.6
71"	50-5/8"	25.4	50.7	76.1	44.4	88.8	133.2	31.7	63.4	95.1
18"		75.9	151.7	210.0	132.7	210.0	210.0	94.8	189.6	210.0
26-1/2'		51.5	103.0	154.6	90.2	180.3	210.0	64.4	128.8	193.2
37"		36.9	73.8	110.7	64.6	129.2	193.7	46.1	92.3	138.4
44"		31.0	62.1	93.1	54.3	108.6	162.9	38.8	77.6	116.4
18"	63"	61.0	121.9	182.9	106.7	210.0	210.0	76.2	152.4	210.0
26-1/2'		41.4	82.8	124.2	72.5	144.9	210.0	51.8	103.5	155.3
37"		29.7	59.3	89.0	51.9	103.8	155.7	37.1	74.1	111.2
44"		24.9	49.9	74.8	43.6	87.3	130.9	31.2	62.3	93.5
18"	72"	53.3	106.7	160.0	93.3	186.7	210.0	66.7	133.3	200.0
26-1/2'		36.2	72.5	108.7	63.4	126.8	190.2	45.3	90.6	135.8
37"		25.9	51.9	77.8	45.4	90.8	136.2	32.4	64.9	97.3
18"	76"	50.5	101.1	151.6	88.4	176.8	210.0	63.2	126.3	189.5
26-1/2'		34.3	68.6	103.0	60.1	120.1	180.2	42.9	85.8	128.7
37"		24.6	49.2	73.7	43.0	86.0	129.0	30.9	61.5	92.2



ALUMINUM BUCK ANCHORS
ADJACENT TO MULLIONS AT HEAD & SILL
ALL OTHER ALUMINUM BUCK ANCHORS
AS PER SHEET 13

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0610.13

Expiration Date 07/01/2024

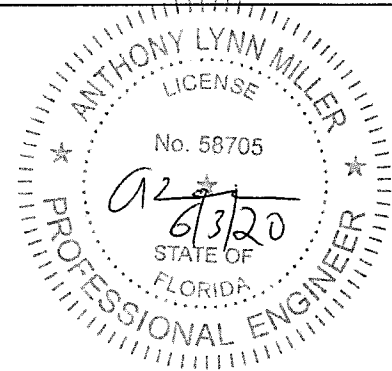
By Ishaq I. Chande
Miami-Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(407) 481-8400

Date	05/29/20	J ROSOWSKI	375SMNOA-1	A			
By	J ROSOWSKI	375SMNOA-1	15 OF 15	A			
REGISTRATION #29296		ALUM BUCK DP 3					
375 ALUM. HORIZONTAL ROLLER WDW. - SMI		HR375 "ESTATE"					
N. VENICE, FL 34275		NTS					
(407) 481-8400		Scale					
Title		Sheet					
Description		Rev.					



A. LYNN MILLER, P.E.
P.E.# 58705