

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

CGI Windows & Doors, Inc. 3780 W. 103rd Street Hialeah, FL 33018

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 "450" Aluminum Inswing Opaque Doors w/wo Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. **450FD4-NOA** Rev A (former No.**W12-23)**, titled "Series 450 Alum French Opaque & IS (LM)", sheets 1 thru 14 of 14, prepared by manufacturer, dated June 12, 2020, 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: Large and Small Missile Impact

Limitations:

- 1. See Design Pressure ratings in sheets **2**, **9**, **10**, **11**, **12 &13** for unit sizes Vs lock options, mullion type, door/ side lite, sill types and anchors. Lower Design Pressure shall control.
- 2. Exterior Design Pressure= +50.0 PSF w/ threshold (sill type S-I). Sills (threshold) types SS-1 & SS-2 are not rated for water infiltration. See thresholds (sills) <u>9</u>.
- 3. See the 7/16" & 1" Composite panels details in sheet <u>3</u>. Narrow stile sidelites are limited to 18" or less.
- 4. The alternate frame size must not exceed 125 ft², nor panel tested area and nor max. panel height.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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** #17-1011.13 consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

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



Ishag 1. Chandes

NOA No. 20-0619.05 Expiration Date: October 25, 2022 Approval Date: November 05, 2020 Page 1

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (Submitted under files below).
- 2. Drawing No.**W12-23 Rev B**, titled "Series 450 Inswing Doors & Sidelites", sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10-27-06 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #12-0706.01)

- 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(+50.0 PSF, sill S-I only)
 - 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

Along with manufacturer's parts and section drawing marked-up drawings of aluminum In swing / Outswing door w/wo sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-0080-0304-11** dated 11/28/2011 and **HTL-0080-0902-11**, signed and sealed by Vinu J. Abraham, P.E.

Note: This test report has been revised by addendum letters, issued by Architectural Testing (Former Hurricane Testing Lab), dated 01/20/12 and 04/03/12, both signed and sealed by Vinu J. Abraham, P.E.

Along with manufacturer's parts and section drawing marked-up drawings of double aluminum outswing doors, issued by Architectural Testing, Test Report No(s) **B**-**5234.02-450-18** dated 12/19/2011, signed and sealed by Vinu J. Abraham, P.E.

- 2. 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.

Along with manufacturer's parts and section drawing marked-up drawings of aluminum In/out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-97055 (0080-912-97)** dated 09/23/97 thru 02/27/98 for specimen #1, 2, 3, 4 tested per PA202-94, specimen #4, 5A, 5B, 5C tested per PA201-94 & PA203-94, signed and sealed by Timothy S. Marshall, P.E.

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B. TESTS (continued):

Along with manufacturer's parts and section drawing marked-up drawings of aluminum out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-01071 (0080-0402-02)** dated 04/01/2002 tested per PA201-94 & PA203-94, signed and sealed by Vinu J. Abraham, P.E. (submitted in file # **09-0723.04**). Original tests conducted per SFBC, PA 201, 202 & 203-94 now known as FBC, TAS 201, 202 & 203-94.

3. Reference Certified Testing Laboratories test report # CTLA **3056WA**, issued to CGI Windows & Doors Inc. pert TAS 201, 202 and 203-94 for specimen #1 thru #30 for laminated PVB glass, insulated PVB laminated glass with Duraseal and super spacers, signed and sealed by Ramesh C. Patel, P.E.

C. CALCULATIONS

- Anchor verification calculations and structural analysis, complying with FBC-2014(5th Edition), prepared by Al Farooq Corporation, dated 10/27/14 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.
- 2. Additional intermediate horizontal mull calculations, prepared by Al Farooq Corporation, dated JUN 29, 2012, signed and sealed by Javad Ahmad, P.E. (Submitted under file # **11-1025.03**)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014(5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 10/03/14, signed and sealed by Javad Ahmad, P.E.
- 2. Lab compliance and addendum letters, as part of the above referenced test reports.

G. OTHER

- 1. This NOA revises # 12-0706.01, expiring on 10/25/17.
- 2. Hardware cut sheets verified and marked-up by the Architectural Testing (former Hurricane Testing lab).
- 3. Test proposals dated 12/16/14 approved by RER & Test proposal # **10-0940**, dated 11/17/10 approved by BNC.

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2. EVIDENCE SUBMITTED under previous NOA

A. DRAWINGS

Drawing No.W12-23, titled "Series 450 Inswing Doors & Sidelites", sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 05/22/12, with revision C dated 09/21/17, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

 Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014) and with FBC 6th Edition (2017), prepared by Al Farooq Corporation, dated 09/29/17, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

Statement letter of conformance to FBC 5th Edition (2014) and FBC 6th Edition (2017) and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/30/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises and renews# 14-1103.06, expiring on 10/25/17.

3. New Evidence submitted

A. DRAWINGS

1. Drawing No. **450FD4-NOA** Rev A (former No.**W12-23)**, titled "Series 450 Alum French Opaque & IS (LM)", sheets 1 thru 14 of 14, prepared by manufacturer, dated June 12, 2020, 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

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B. TESTS (continue):

along with marked-up drawings and installation diagram of all CGI Windows and Doors, Inc. and PGT Industries, 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.:

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.

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.

C. CALCULATIONS

- Anchor verification calculations and structural analysis, complying with FBC 2020, 7th Edition, prepared by manufacturer, dated 04/20/20, signed and sealed by A. 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. None.

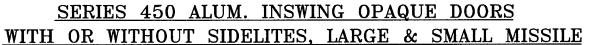
F. STATEMENTS

- 1. Statement letter of conformance to FBC 2020 (7th Edition), issued by manufacturer, dated 6/12/20, signed and 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 06/12/20, signed and sealed by A. Lynn Miller, P.E.

G. OTHER

- 1. This NOA revises # 17-1011.13 and updates to FBC 2020, expiring 10/25/22.
- 2. RER Test proposals #19-1155 dated 01/10/20 approved by Ishaa I Chanda P F

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1) 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).

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

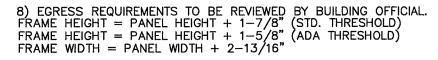
3) ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

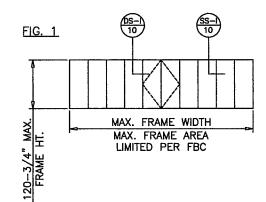
4) A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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

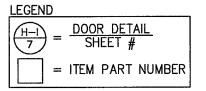
6) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

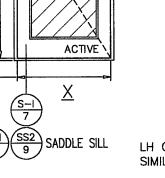
7) THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

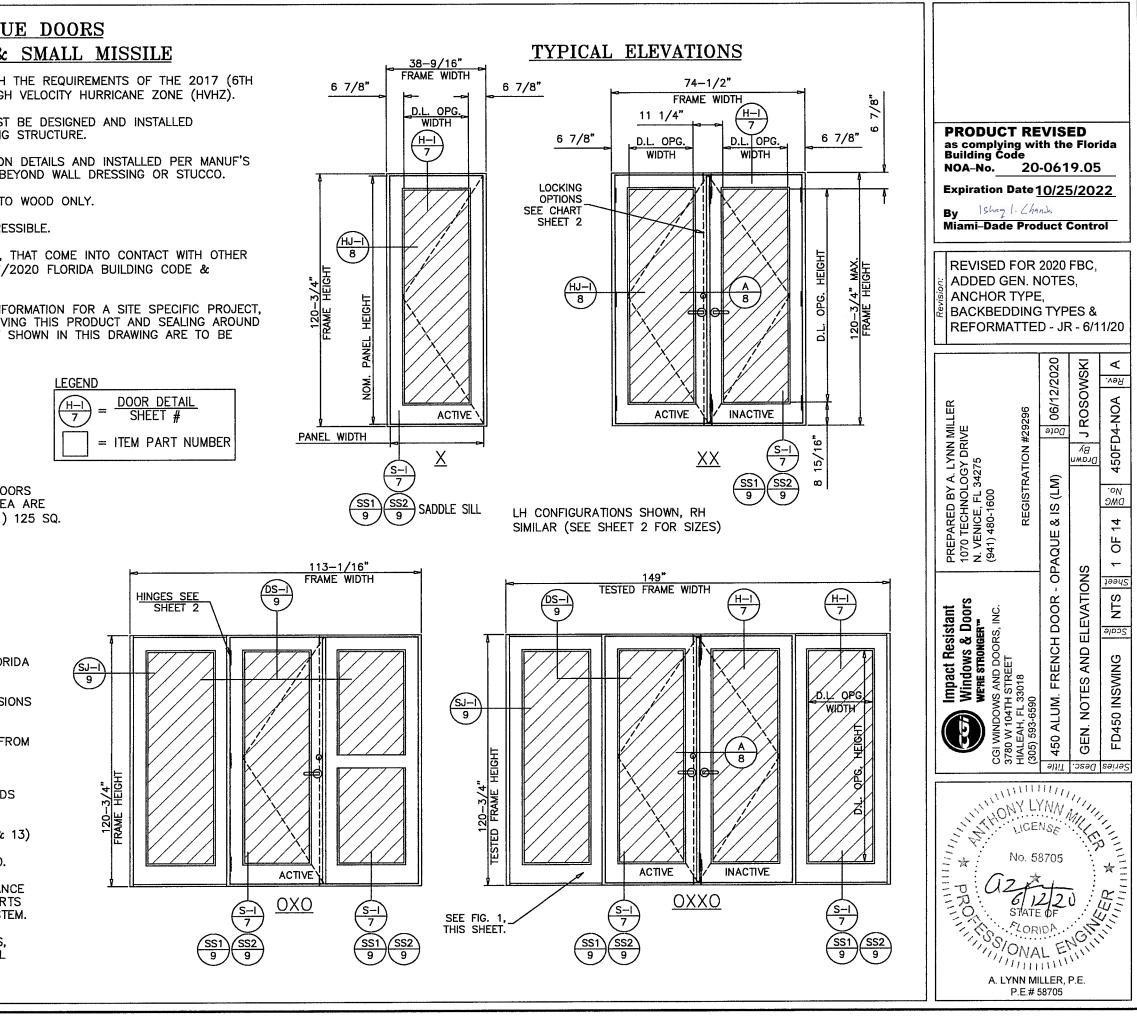




MULTIPLE SIDELITES W/ DOORS WITHIN TESTED FRAME AREA ARE AVAILABLE (SEE SHEET 11) 125 SQ. FT. TESTED FRAME AREA







STEPS TO USE CHARTS:

1) DETERMINE WIND LOAD BASED ON PROVISIONS OF 2017/2020 FLORIDA BLDG. CODE.

2) DETERMINE WATER INFILTRATION REQUIREMENTS BASED ON PROVISIONS OF FBC.

3) SELECT A DOOR SYSTEM I.E. INSWING AND TYPE OF THRESHOLD FROM SHEET 11 AND LOCK OPTIONS FROM SHEET 2.

4) CHECK THE ALLOWABLE EXTERIOR AND INTERIOR LOADS FROM APPROPRIATE CHARTS ON SHEETS 2, 10 & 11. THE ALLOWABLE LOADS MUST MEET OR EXCEED THE DESIGN LOADS REQUIREMENTS.

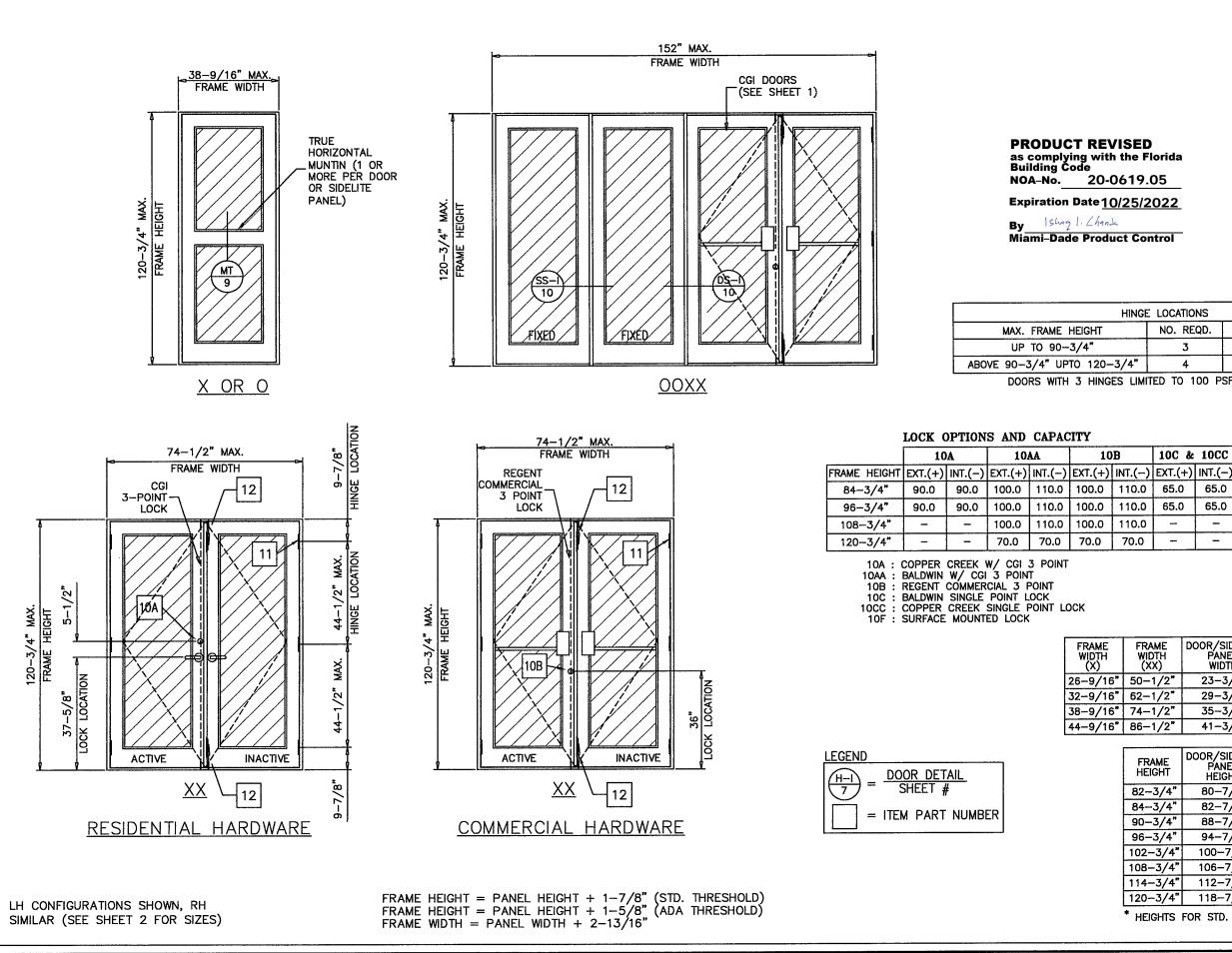
5) SELECT AND CHECK ANCHORS TO MEET LOAD. (SEE SHEETS 12 & 13)

6) FOR MULLED SIDELITE REFER TO MULLION CAPACITY ON SHEET 10.

7) LOWER DESIGN PRESSURE FROM LOCKS CHART, PANEL PERFORMANCE CHART, MULLION PERFORMANCE CHART AND ANCHOR CAPACITY CHARTS AT MULLION AND MTG. STILE ENDS SHALL CONTROL THE ENTIRE SYSTEM.

8) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS. THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

HARDWARE DESCRIPTION, TYPICAL ELEVATIONS

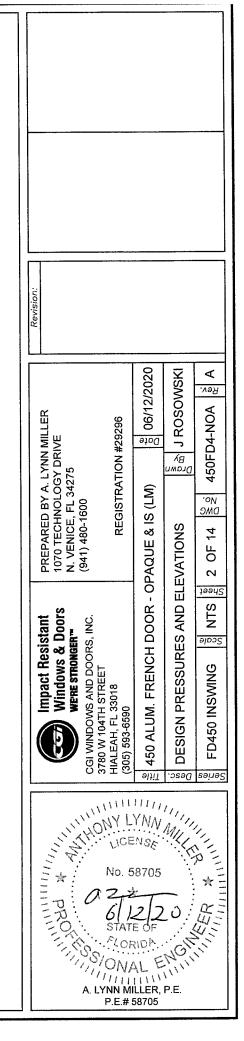


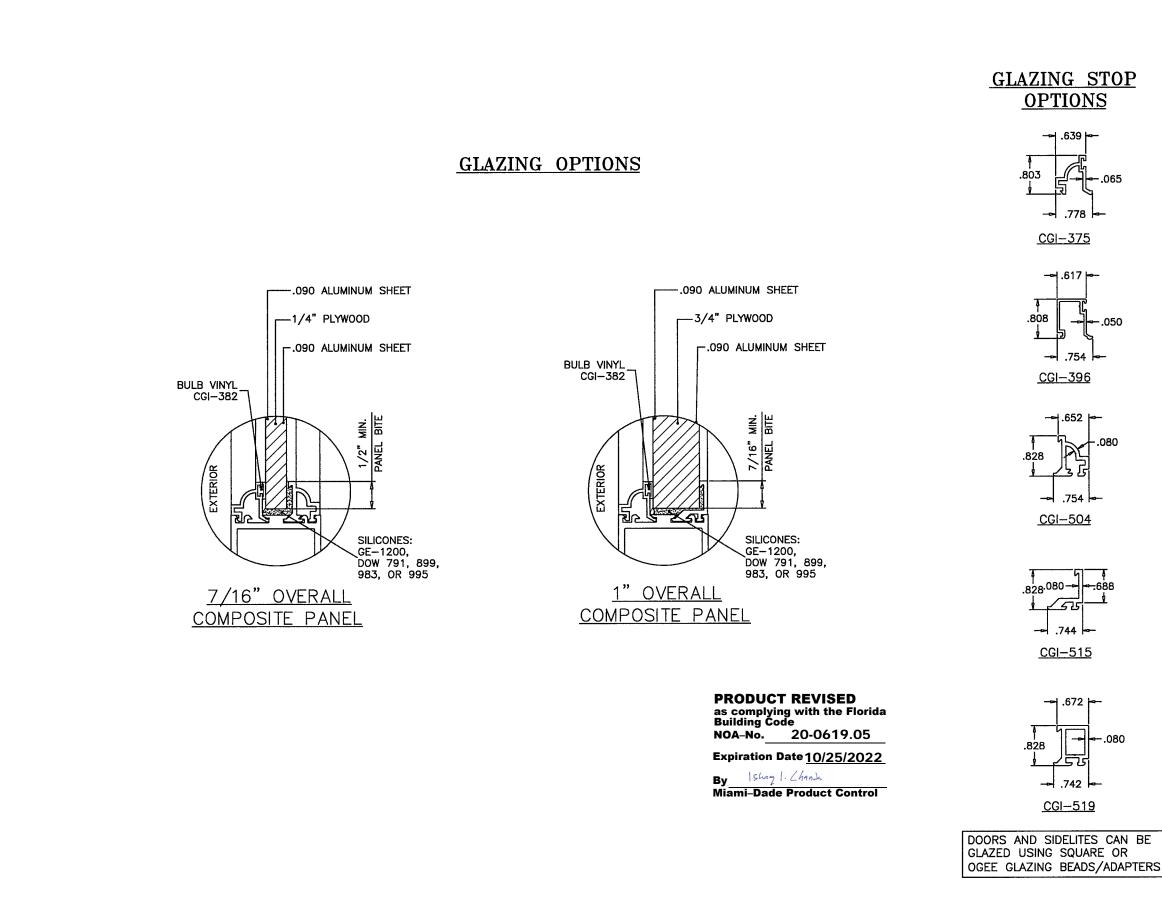
LOCATIONS	
NO. REQD.	MAX. SPACING
3	35 1/2"
4	44 1/2"
TED TO 100 D	CE.

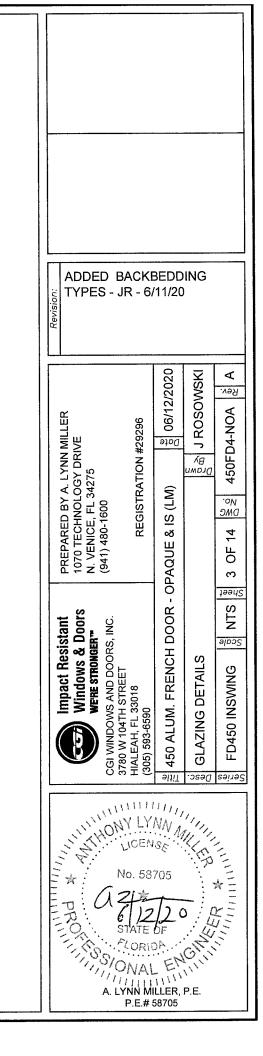
	10C &	10CC	10	F
)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
1	65.0	65.0	100.0	110.0
-	65.0	65.0	90.0	90.0
	-	-	90.0	90.0
	-	-	70.0	70.0

AME DTH (X)	DOOR/SIDELITE PANEL WIDTH	D.L. OPG. WIDTH						
1/2"	23-3/4"	12-3/4"						
1/2"	29-3/4"	18-3/4"						
1/2"	35-3/4"	24-3/4"						
1/2"	41-3/4"	30-3/4"						
AME IGHT	DOOR/SIDELITE PANEL * HEIGHT	d.l. opg. Height						
-3/4"	80-7/8"	67-3/8"						
-3/4"	82-7/8"	69-3/8"						
-3/4"	88-7/8"	75-3/8"						
-3/4"	94-7/8"	81-3/8"						
-3/4"	100-7/8"	87-3/8"						
-3/4"	106-7/8"	93-3/8"						
-3/4"	112-7/8"	99-3/8"						
-3/4"	118-7/8"	105-3/8"						
ALTS FOR STR. TURFSUOLD								

* HEIGHTS FOR STD. THRESHOLD

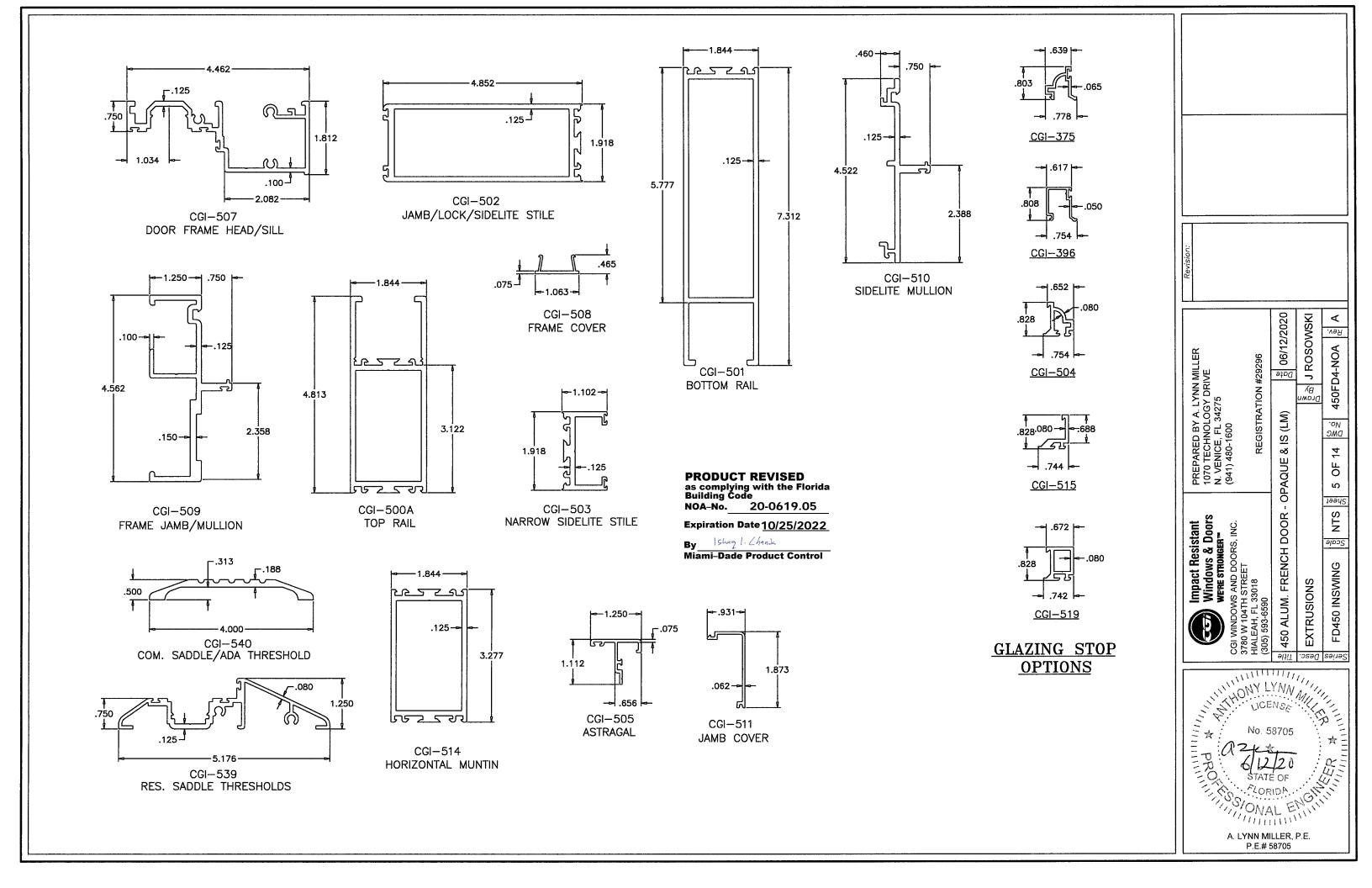


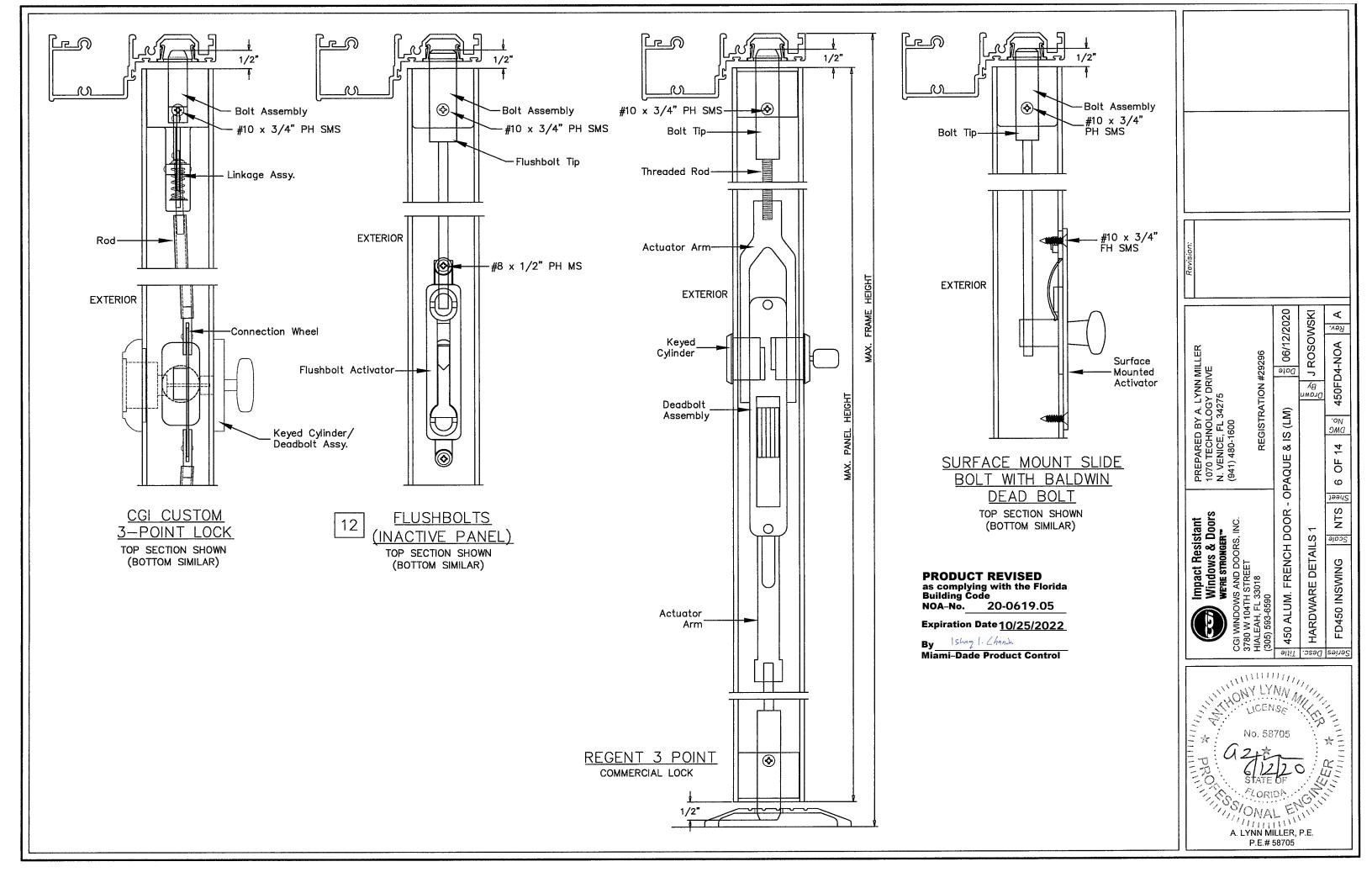


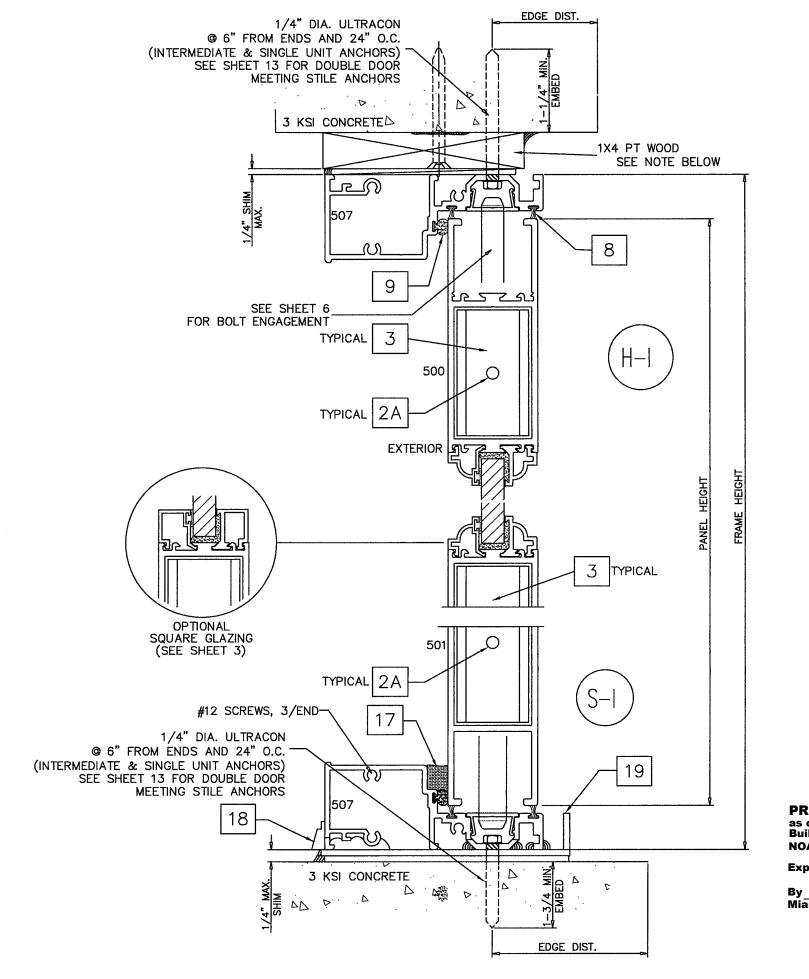


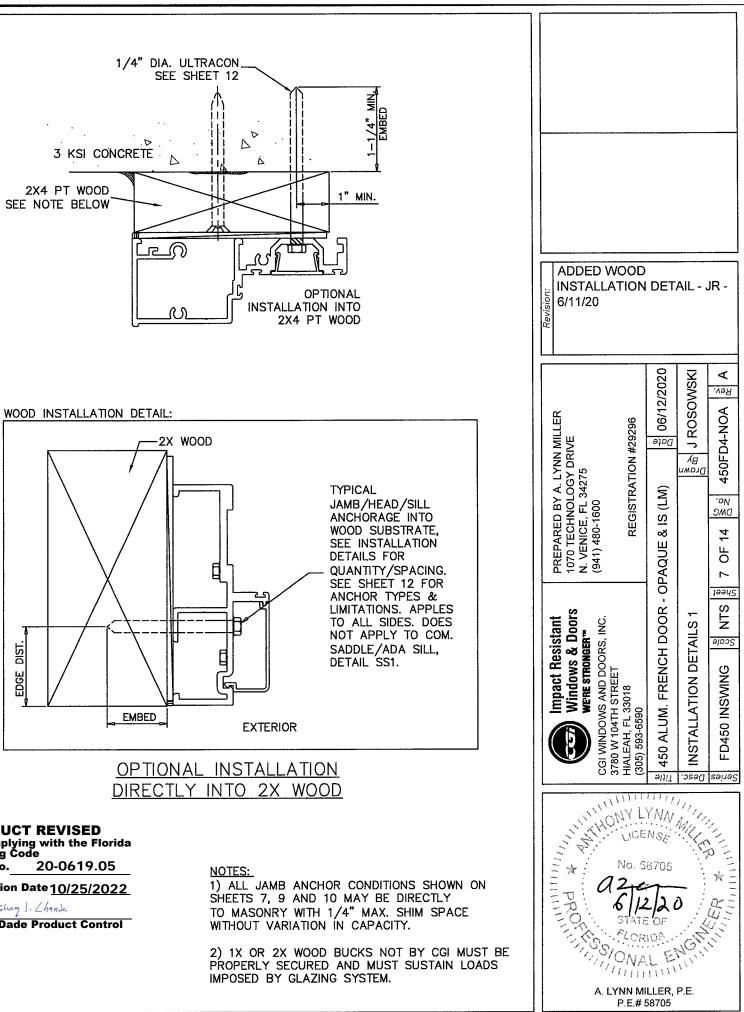
ITEM	DESCRIPTION	BILL OF MA	TERIALS
1 2A 2B	#12 X 1 1/4" HEX HEAD S/S 3/8–16 FULLY THREADED CC 3/8–16 HEX NUT	S SMS (3 PER CORNER CONNECTION)	HAGER 4 1/2" X 4" HINGE IN SOLID BRASS OR STAINL CGI 4-1/2" X 4" HINGE IN ALUMINUM 11 SECURED WITH (8) $\#12-24 \times 1/2$ " F.H. M.S. (3 PER PANEL UP TO 7'-6 3/4" HIGH) (4 PER PANEL OVER 7'-6 3/4")
F	.350 HIGH FOAM-TITE WEATH ACTIVE PANEL LOCK OPTIONS CGI CUSTOM 3 POINT LOCK 44 OA END BOLTS (TOP & BOTTOM), (1) CGI CUSTOM INTERIOR LINI (1) DEADBOLT BY COPPER CR CGI CUSTOM 3 POINT LOCK 44	STLL. HOLES AT MAX. TLL. HOLES AT OF PAIRS MAX. CREW, @ 3" & 7" MAX. TEKS SCREW AT O.C. MAX. EENTER FIN (ULTRAFAB # 3032) ERSEAL (AMESBURY # 32011) G(SEE SHEET 1.1 FOR LIMITS) 503PL, CONSISTING OF (2) CGI CUSTOM ATTACHED WITH #10 X 3/4" PH SMS, KAGE MECHANISM, EEEK SERIES E MODEL D82410.	CGI FLUSHBOLT AT TOP & BOTTOM OF INACTIVE LEAF, TO PANEL STILE WITH #10 X 3/4" PH SMS, ACTIVATOR #8 X 1/2" PH SMS. 13 SEE SHEET 3 FOR GLAZING OPTIONS 14 SILICONES: GE-1200, DOW 791, 899, 983, OR 995 17 1/2" X 1/2" CONTINUOUS CLOSED CELL FOAM TAPE WITH ONE SIDE ADHESIVE 18 PLASTIC WEEP BAFFLE 19 7/8" X 5" X 1/8" THK. CONTINUOUS ALUMINUM SILL A EXTRUSION LIST: 500A, 501, 502, 503, 504, 507, 509, 51 515, 519, 539, & 540 ALL EXTRUSIONS ARE 6063-T6. 375, 396, 505, 508, 511 EXTRUSIONS ARE 6063-T5. PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0619.05 Expiration Date 10/25/2022 By 15mg 1. Climak Miami-Dade Product Control
[OC SINGLE POINT LOCK (1) DEADE	REE POINT LOCK MECHANISM WITH MORTISE BOLT BY BALDWIN SERIES 8200. BOLT BY COPPER CREEK SERIES D82410. ID SLIDE BOLTS WITH CGI END BOLTS AT ACT DWIN SERIES 8200 DEAD BOLT.	Material #14 Steel Screw, Gr 5 1/4" Elco UltraCon 1/4" DeWalt UltraCon+ 5/16" Elco UltraCon
			Gr. 33 Steel Stud

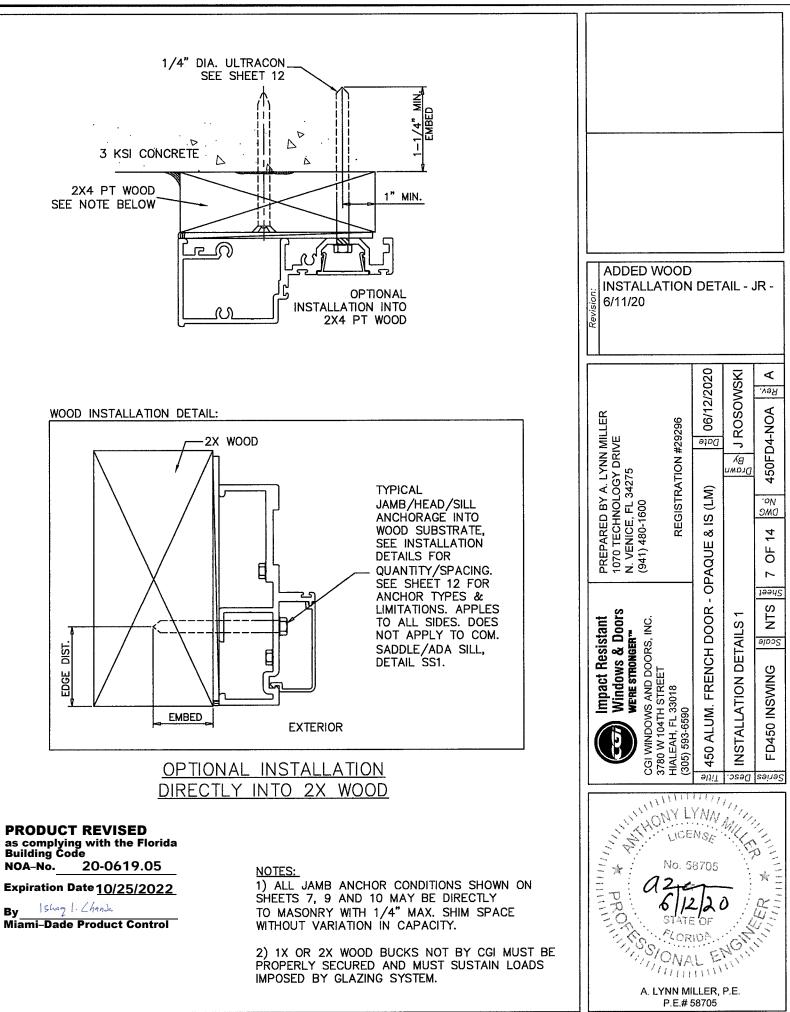
S OR STAINL S. CTIVE LEAF, S, ACTIVATO OR 995 DAM	HOUSIN	G ATTACHEE	ADDED BACKBEDDING TYPES - JR - 6/11/20	
IINUM SILL A 507, 509, 51 363—T6. 3—T5.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296 OPAQUE & IS (LM) ÖÖ Ö Ö (12/2020 ÖÖ Ö Ö 14 ÖÖ Ö 12/2020 ÖÖ Ö 12/2020 Ö Ö Ö 12/2020 Ö Ö Ö 14 Ö Ö Ö 12/2020 Ö Ö Ö 12/2020 Ö Ö Ö 12/2020 Ö Ö Ö 14 Ö Ö Ö 12/2020 Ö Ö Ö 14 Ö Ö Ö 14 Ö Ö Ö 14 Ö Ö Ö 105/12/2020		
				Impact Resistant Windows & Doors Windows & Doors Windows AND DOORS, INC. CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 (305) 593-6590
erial Screw, Gr 5 UltraCon t UltraCon+ o UltraCon+ It UltraCon+ sluminum Steel seel Stud	Min. F _y 81 ksi 155 ksi 148 ksi 155 ksi 155 ksi 16 ksi 36 ksi 33 ksi	Min. F _u 105 ksi 177 ksi 164 ksi 177 ksi 177 ksi 22 ksi 58 ksi 45 ksi		No. 58705 No. 58705 A 2 CORIDA STATE OF NO. STATE OF





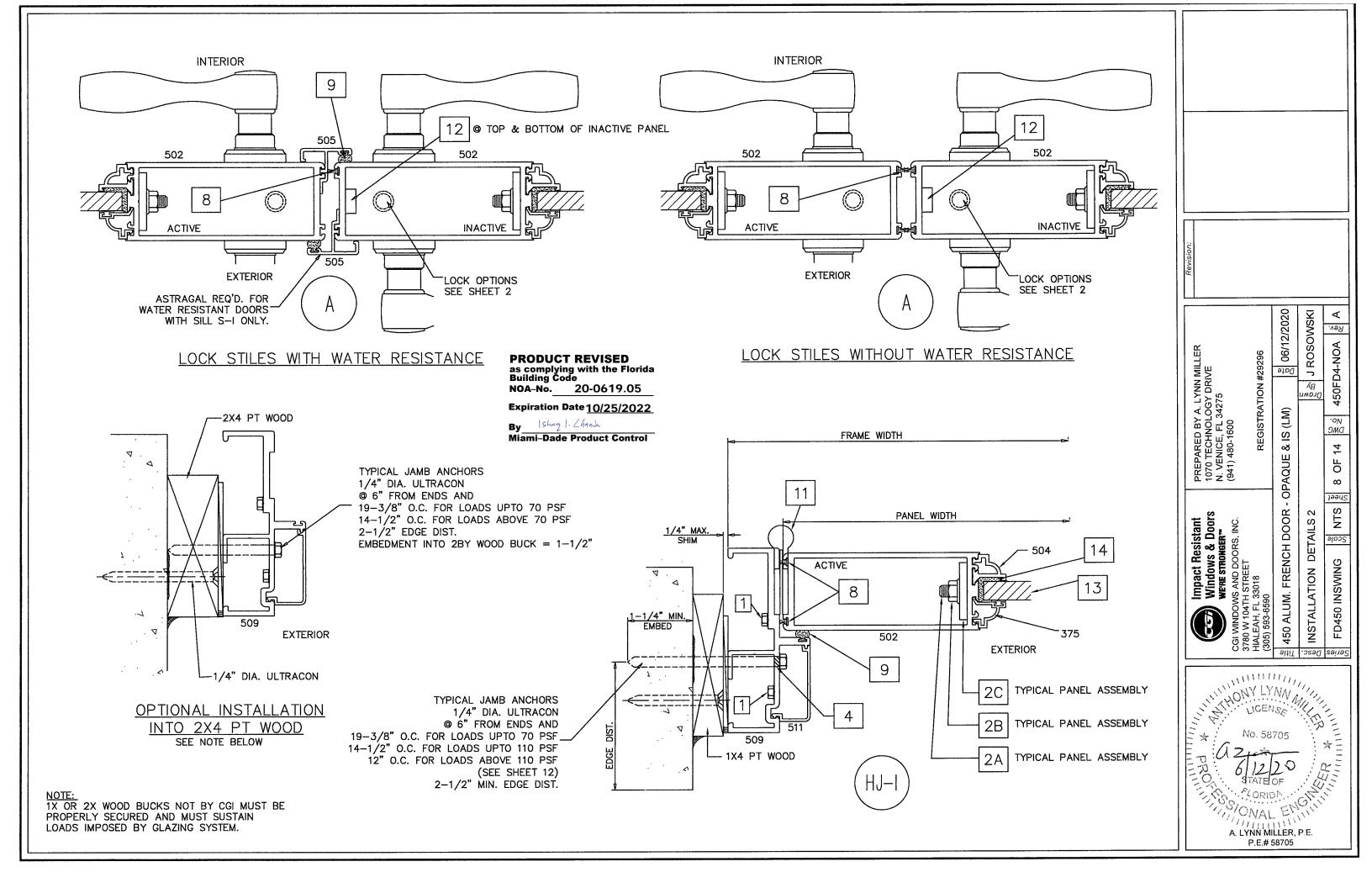


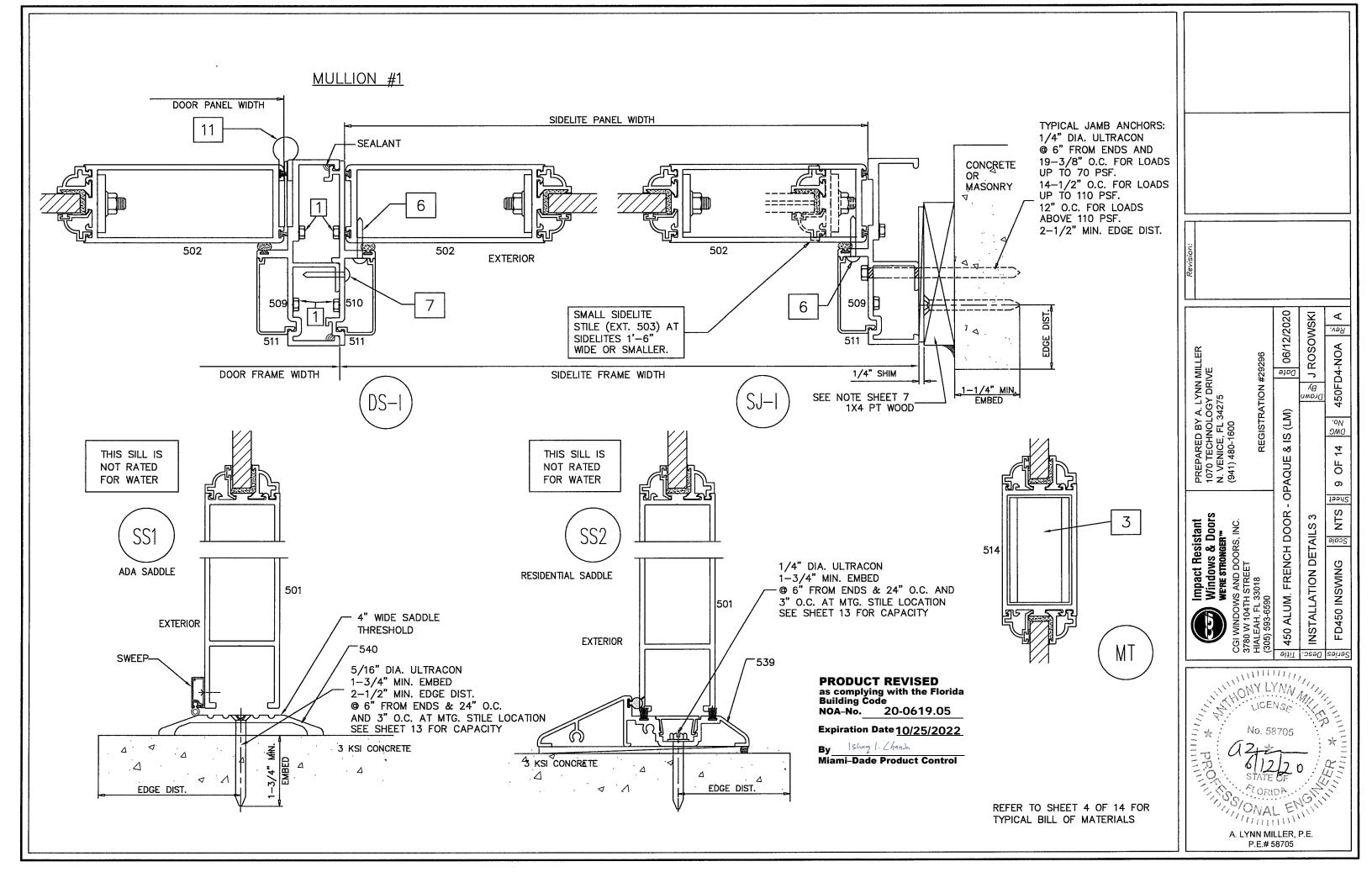


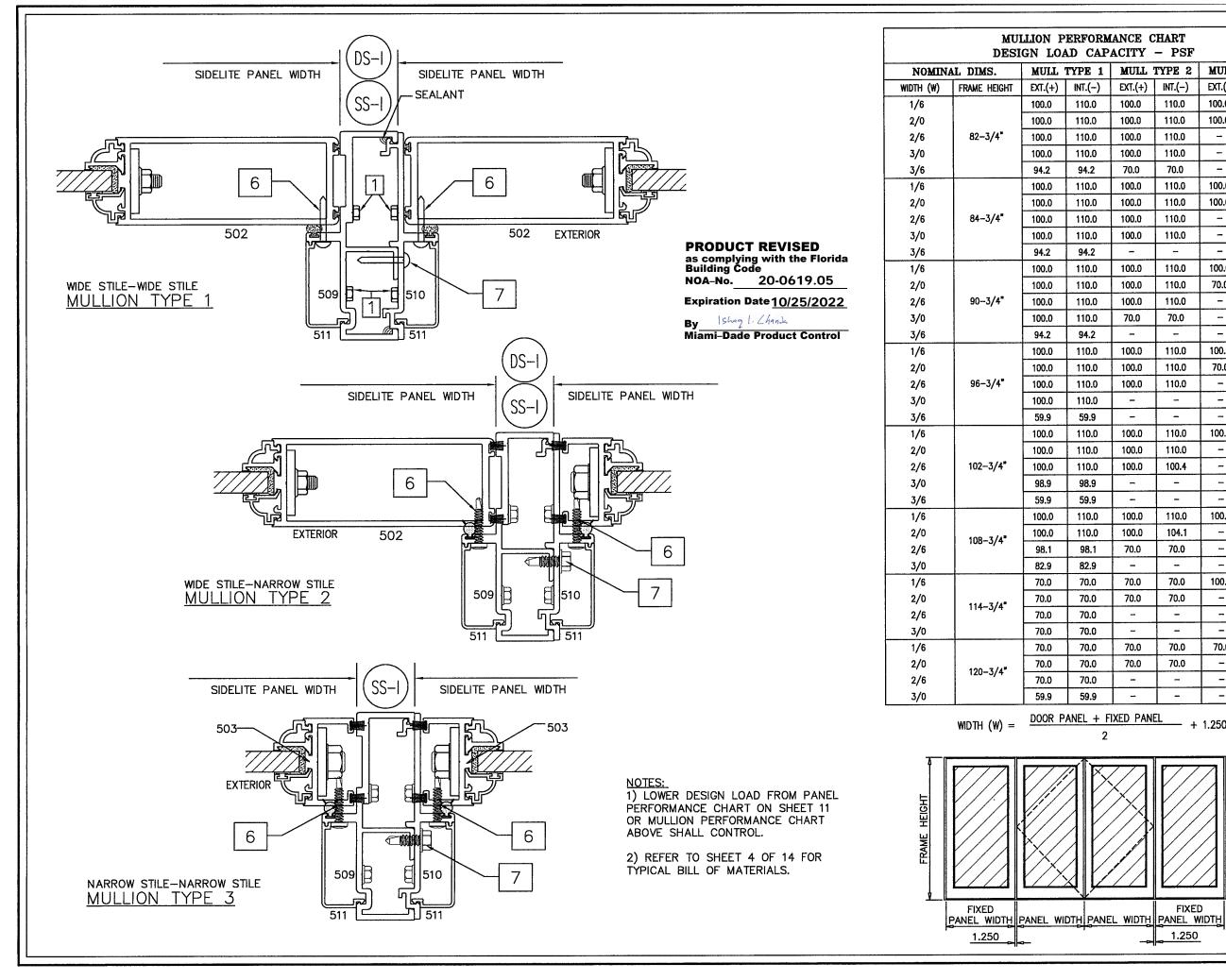


PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0619.05

Miami-Dade Product Control

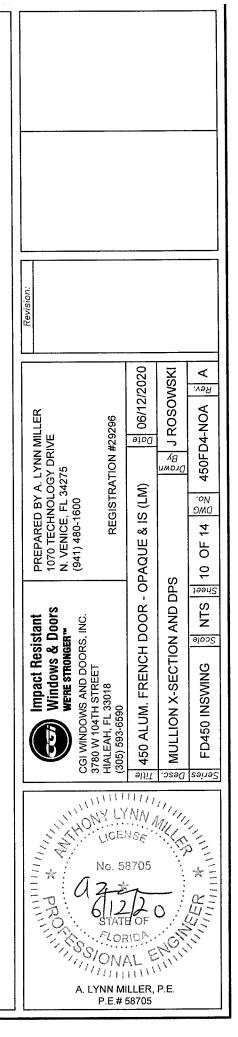






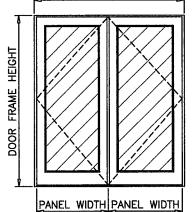
ICE CHART ITY – PSF							
	TYPE 2	MULL	TYPE 3				
XT.(+)	INT.(-)	EXT.(+)	INT.(-)				
00.0	110.0	100.0	110.0				
00.0	110.0	100.0	110.0				
00.0	110.0	-	-				
00.0	110.0	-	-				
70.0	70.0	-	-				
00.0	110.0	100.0	110.0				
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00.0	110.0	100.0	110.0				
00.0	110.0	70.0	70.0				
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00.0	110.0	70.0	70.0				
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-	-	-	-				
00.0	110.0	100.0	110.0				
00.0	110.0		-				
00.0	100.4	-	-				
-		-					
-	-	-					
00.0	110.0	100.0	110.0				
00.0	104.1	-	-				
70.0	70.0	-					
-	-		-				
70.0	70.0	100.0	110.0				
70.0	70.0	-	-				
-	-	-	-				
-		-	-				
70.0	70.0	70.0	70.0				
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width	PANEL W	иртн					

1.250



(NARROW STILE SIDELITES LIMITED TO 18" OR LESS)

FRAME WIDTH	FRAME WIDTH
PANEL HEIGHT	DOOR FRAME HEIGHT
PANEL WIDTH	PANEL WIDTH



	T REVISED ng with the Florida
NOA-No.	

Expiration Date <u>10/25/2022</u>

Ishag 1. Chands By Miami-Dade Product Control

NOTES:

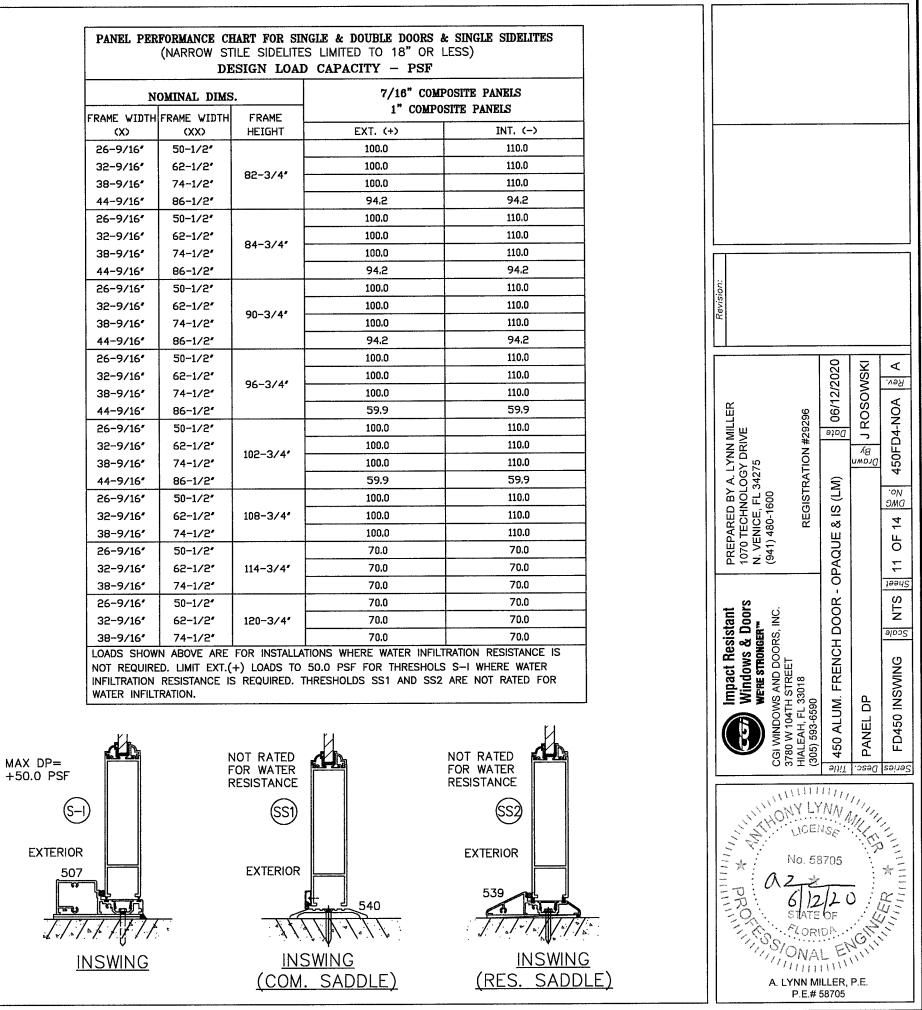
1) FOR SINGLE OR DOUBLE LEAF DOORS AND SINGLE SIDELITES CAPACITY SEE CHART ON THIS SHEET.

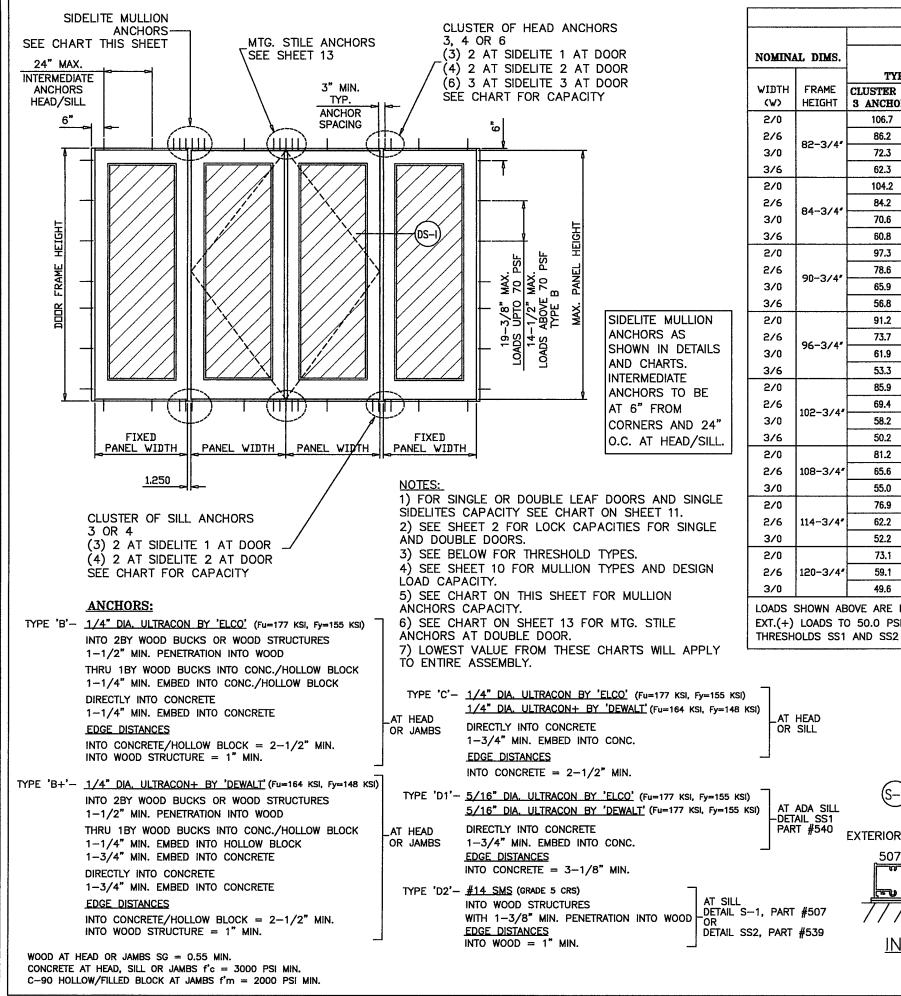
2) SEE BELOW FOR THRESHOLD TYPES.

DOOR FRAME HEIGH

- 3) SEE SHEET 2 FOR LOCK CAPACITIES FOR SINGLE AND DOUBLE DOORS.
- 4) SEE SHEET 10 FOR MULLION TYPES AND DESIGN LOAD CAPACITY.
- 5) SEE CHART ON SHEET 12 FOR MULLION ANCHORS CAPACITY.
- 6) SEE CHART ON SHEET 13 FOR MTG. STILE ANCHORS AT DOUBLE DOOR.
- 7) LOWEST VALUE FROM THESE CHARTS WILL APPLY TO ENTIRE ASSEMBLY.

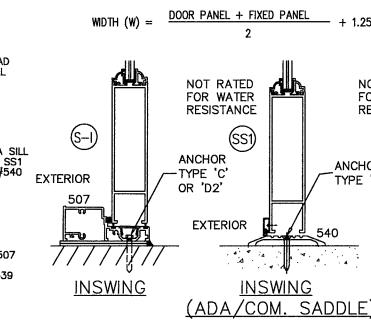
N	DMINAL DIMS		7/16" COMPOSITE P 1" COMPOSITE PAN		
FRAME WIDTH	FRAME WIDTH	FRAME	1 COMP	USITE PANELS	
∞	(XX)	HEIGHT	EXT. (+)	INT.	
26-9/16*	50-1/2 *		100.0	11	
32-9/16″	62-1/2"	82-3/4"	100.0	11	
38-9/16*	74-1/2*	82-3/4	100.0	11	
44-9/16*	86-1/2″		94.2	94	
26-9/16"	50-1/2"		100.0	11	
32-9/16*	62-1/2*	04 2/44	100.0	11	
38-9/16*	74-1/2″	84-3/4″	100.0	11	
44-9/16"	86-1/2"		94.2	94	
26-9/16"	50-1/2'		100.0	11	
32-9/16*	62-1/2"		100.0	11	
38-9/16*	74-1/2"	90-3/4*	100.0	11	
44-9/16*	86-1/2"		94.2	94	
26-9/16*	50-1/2"		100.0	11	
32-9/16*	62-1/2"		100.0	11	
38-9/16*	74-1/2"	96-3/4"	100.0	11	
44-9/16"	86-1/2*		59,9	5'	
26-9/16*	50-1/2*		100.0	11	
32-9/16*	62-1/2"		100.0	11	
38-9/16"	74-1/2"	102-3/4"	100.0	11	
44-9/16"	86-1/2"	-	59.9	5	
26-9/16*	50-1/2"		100.0	11	
32-9/16*	62-1/2"	108-3/4*	100.0	11	
38-9/16*	74-1/2"		100.0	11	
26-9/16*	50-1/2*		70.0	7	
32-9/16*	62-1/2*	114-3/4"	70.0	7	
38-9/16*	74-1/2"		70.0	7	
26-9/16*	50-1/2"		70.0	7	
32-9/16*	62-1/2"	120-3/4"	70.0	7	
38-9/16"	74-1/2"		70.0	7	



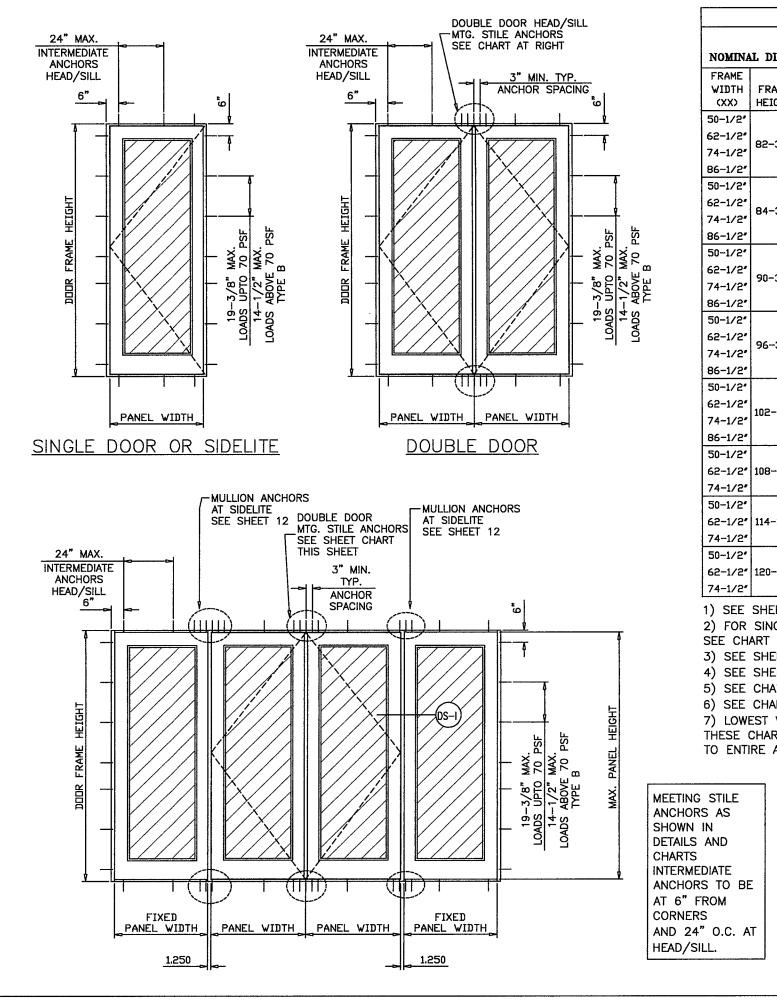


MULLION ANCHORS AT SIDEL DESIGN LOAD CAPACTY-PS TYPE 'C' AT HE TYPE 'B' OR 'B+' AT HEAD TYPE 'C' AT S-I & S CLUSTER OF CLUSTER OF CLUSTER OF CLUSTER OF CLUST 3 ANCHORS 4 ANCHORS 6 ANCHORS 3 ANCHORS 4 AN 110.0 110.0 110.0 11 110.0 110.0 110.0 110 96.4 110.0 109.3 11 83.0 110.0 94.2 11 110.0 110.0 110.0 11 110.0 110.0 110.0 11 94.1 110.0 106.7 11 81.1 110.0 91.9 11 110.0 110.0 110.0 110 104.8 110.0 110.0 11 87.9 110.0 99.7 11 75.7 110.0 85.9 11 110.0 110.0 110.0 110 98.3 110.0 110.0 11 82.5 110.0 93.5 11 107 71.0 106.5 80.5 110.0 110.0 110.0 11 92.6 110.0 104.9 110 77.7 110 110.0 88.0 66.9 100.3 75.8 10 108.2 110.0 110.0 110 87.5 110.0 99.2 110 73.4 110.0 83.2 110 102.6 110.0 110 110.0 82.9 110.0 94.0 11 69.5 104.3 78.8 10 97.5 110.0 110.0 110 78.8 110.0 89.3 110 66.1 99.1 74.9 - 99

LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTS. (+) LOADS TO 50.0 PSF FOR THRESHOLS S-I WHERE WATER INFILTRATION INTRESHOLDS SS1 AND SS2 ARE NOT RATED FOR WATER INFILTRATION.



ITES			
SF			
ZAD SS2 SILL	TYPE 'D1' AT		
TER OF	CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS	
10.0	110.0	110.0	
10.0	110.0	110.0	PRODUCT REVISED
10.0	101.0	110.0	as complying with the Florida Building Code
10.0	87.0	110.0	NOA-No. 20-0619.05
10.0	110.0	110.0	Expiration Date 10/25/2022
10.0	110.0	110.0	a = I
10.0	98.7	110.0	By Diami-Dade Product Control
10.0	85.0	108.7	
10.0	110.0	110.0	ADDED ANCHOR TYPE, &
10.0	109.8	110.0	ig REFORMATTED - JR - 6/11/20
10.0 10.0	92.1 79.4	110.0 101.5	REFORMATTED - JR - 6/11/20
10.0	110.0	110.0	Ϋ́Υ Ϋ́Υ
10.0	103.0	110.0	
10.0	86.4	110.0	
07.4	74.4	95.2	MILLER VE 29296 29296 31 06/12/2020 0 012/2020 0 04-NOA
10.0	110.0	110.0	<u>Rev</u> 0%
10.0	97.0	110.0	LYNN MILLER SY DRIVE 275 275 710N #29296 100 # 06/1 00 1 00 1 1 ROSC 100 8 450FD4-NOA
10.0	81.4	104.1	4-N RG 0 2926
01.1	70.1	89.6	
10.0	110.0	110.0	
10.0	91.7	110.0	
10.0	76.9	98.3	No. (LM NOL DWG 831ST1 000
10.0	107.5	110.0	
10.0	86.9	110.0	ARE 2480-1480-1480-1480-1480-1480-1480-1480-1
05.1	72.9	93.2	OF OF
10.0	102.2	110.0	12 PA((5 Z 10 P
10.0	82.5	105.6	Sheet O
9.9	69.2	88.6	NTS NTS
	IS NOT REQUIN		Impact Resistant Windows & Doors Were smonder CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590 (305) 593-6590 (305) 593-6590 ANCHOR DP FD450 INSWING FD450 INSWING
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			Mindow: Window: Window: Window: Window: Window: Marker HALEAH, FL 33018 (305) 593-6590 (305) 503-6590 (305) 503-6500 (305) 503-5000 (305) 503-5000 (305) 503-5000 (305) 5000 (305) 5000 (305) 5000 (305) 5000 (305) 5000 (305) 5000 (305) 5000 (305) 5
NOT RA			FI AN 45(G1V
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	(SS2)		NUNIVITITITI
HOR	-	ANCHOR	NAHON CONVINC
E 'D1'		TYPE 'C'	I SAL UNENSE THE
		OR 'D2'	No. 58705
	39		
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5	777.11	77	A CONTRACTOR OF A CONTRACTOR O
/		/	Conflorida
	INSWI	NG	MONIAL ENGINE
E) (RES. SA	DDLE)	MAL MAL
A	<u></u>	<u> </u>	A. LYNN MILLER, P.E. P.E.# 58705



MTG. STILE ANCHORS AT DOUBLE DOORS													
DESIGN LOAD CAPACTY-PSF													
NOMINA	L DIMS.	TYPE 'B' OR 'B+' AT HEADTYPE 'C' AT HEADTYPE 'C' AT HEADTYPE 'B' OR 'B+' AT HEADTYPE 'C' AT S-I & SS2 SILLTYPE 'D2' AT S-I & SS2 SILL											
FRAME WIDTH (XX)	FRAME HEIGHT	CLUSTER OF 3 ANCHORS			CLUSTER OF 3 ANCHORS		CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS					
50-1/2*		106.7	110.0	110.0	110.0	110.0	110.0	110.0					
62-1/2*	82-3/4	86.2	110.0	110.0	110.0	110.0	100.7	110.0		RODUCT R			
74-1/2*		72.3	96.4	110.0	109.3	110.0	84.5	110.0	Bu	complying w ilding Code			
86-1/2" 50-1/2"		62.3 104.2	83.0 110.0	103.8	94.2 110.0	110.0 110.0	72.8	97.0 110.0	NO	DA-No. 2	0-061	9.05	
62-1/2*		84.2	110.0	110.0	110.0	110.0	98.4	110.0	Ex E	piration Date	<u>10/2</u> !	5/202	2
74-1/2"	84-3/4"	70.6	94.1	110.0	106.7	110.0	82.5	110.0	By	Ishaq 1. Ch	ands		
86-1/2*		60.8	81.1	101.4	91.9	110.0	71.1	94.8	Mia	ami–Dade Pro	oduct	Contro	_ ונ
50-1/2*		97.3	110.0	110.0	110.0	110.0	110.0	110.0		DED ANCHO	DR TY	PE. &	
62-1/2*	90-3/4'	78.6	104.8	110.0	110.0	110.0	91.9	110.0		FORMATTE		,	
74-1/2"		65.9	87.9	109.9	99.7	110.0	77.1	102.7	Revision:				
86-1/2*		56.8 91.2	75.7	94.7 110.0	85.9 110.0	110.0 110.0	66.4 106.6	88.5 110.0	Re				
50-1/2" 62-1/2"		91.2 73.7	98.3	110.0	110.0	110.0	86.2	110.0					
74-1/2"	96-3/4	61.9	82.5	103.1	93.5	110.0	72.3	96.4			0		
86-1/2*		53.3	71.0	88.8	80.5	107.4	62.3	83.0			06/12/2020	ROSOWSKI	A Rev.
50-1/2*		85.9	110.0	110.0	110.0	110.0	100.4	110.0			12/		
62-1/2"	102-3/4	69.4	92.6	110.0	104.9	110.0	81.1	108.2		596	06/	S S S	<u>ò</u>
74-1/2*	101 0/ 1	58.2	77.7	97.1	88.0	110.0	68.1	90.7		#292	Date		1-4-1
86-1/2"		50.2	66.9	83.6	75.8	101.1	58.6 94.9	78.2	NN N	NO FUC		By Drawr	450FD4-NOA
50-1/2"	108-3/4'	81.2 65.6	108.2 87.5	110.0 109.3	110.0 99.2	110.0 110.0	76.7	102.2		4275 ATIC		Drawn	45
74-1/2"	100-374	55.0	73.4	91.7	83.2	110.0	64.3	85.7		STR 22	(LM)	ŀ	.oN
50-1/2*		76.9	102.6	110.0	110.0	110.0	89.9	110.0	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE	N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	<u>s</u>	H	DMC
62-1/2*	114-3/4'	62.2	82.9	103.6	94.0	110.0	72.6	96.9	TEC	RI 480 CI	∞ ∭		44
74-1/2*		52.2	69.5	86.9	78.8	105.1	60.9	81.3	REF		PAQUE		6
50-1/2*		73.1	97.5	110.0	110.0	110.0	85.4	110.0	L	z 🥴			13
	120-3/4	59.1	78.8	98.5	89.3	110.0	69.0	92.0			<u> </u>	1	iəədZ
74-1/2"		49.6	66.1	82.6	74.9	99.9	57.9	77.2		e d	RO		NTS
2) FOR	SINGLE	OR DOUBLE			SILL ANCHOF DELITES AND		CAPACITY		Impact Resistant Mindows & Doors	WINUWS & DUV WERE STRONGER" S AND DOORS, INC 4 STREET 33018 0	H DOOR		Z Zcale
		SHEET 11.			AND DOUBL				Be	RINUWS & L Frestronger And Doors, Street 018	FRENCH		σ
					LOAD CAPA				act		LEI		Ň,
•			2 FOR MULLI			0111.				NER SAN SAN SAN Saot		PD	NST
					HORS AT DO	UBLE DOOR.				00W 94TH FL 659(ALUM.	NOR	40
	ST VALU				111					WINC W 10 593-	AL	ANCHOR	FD450 INSWING
	RE ASSE	MILL APPLY	ALLA	NOT RATE		NOT I	RATED	B		CGI WINDOWS AND DO 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590	450	A	머니
				FOR WATE	R	FOR V	NATER			Unic 	əlfiT	.əsəQ s	Series
		_		RESISTAN		RESIS	TANCE			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111	,]
STILE		(S-1)		(SS	जो ।		(SS2)			WY CNYL)	NN /	111	
SAS N		\bigcirc		ANCHOR			\smile	ANCHOR	1 3	JUCE!	VSE V	U.	
AND		EXTERIOR		-TYPE 'C'		ANCHOR		TYPE 'C'		R.	~	- B	
		507		OR 'D2'				/ OR 'D2'	1	No. 58	3705		1
		<u> </u>	l /			LA	539	Λ	ED	0270	7	`	
5 TO BE ROM		1	MINT	EXTERIOF		540	539 MI		ミカ	6/12	-RU	L L	5
		777	7 11/1			<u> </u>		111	11	A STAFE	OF DA	S.	11
0.C. A	г	///	//8//	<u>م</u>	• A¥	· · 4 .	/ · · · / /		1 7	Som	EN'	QYV	
.L.		<u>INS</u>	<u>swing</u>	<u> </u>	<u>NSWING</u>		INSV	<u>ving</u>		- CONA	Lini	11.	
				<u>(ADA/</u>	COM. SA	ADDLE)	<u>(RES. S</u>	<u>SADDLE)</u>		A. LYNN M	LLER, F	P.E.	
				· · ·		-		·		P.E.#	58705		

