



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
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

CDM Impact System, Inc.
8303 NW 27 Street, Suite 17
Doral, FL 33122

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 "AC-0113" Aluminum Window Wall System - L.M.I.

APPROVAL DOCUMENT: Drawing No. **CDM 2017-02**, titled "Series 'AC0113' Window Wall System", sheets 1, 2, 3, 4, 5, 5.1, 6, 7, 8 and 9 of 9, dated 08/20/18, with revision #3 dated 10/13/23, prepared by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, 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 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.

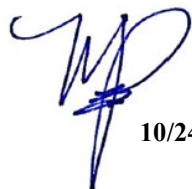
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 and renews** **NOA No. 21-0930.05** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




10/24/23

NOA No. 23-0918.09
Expiration Date: February 21, 2029
Approval Date: November 02, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

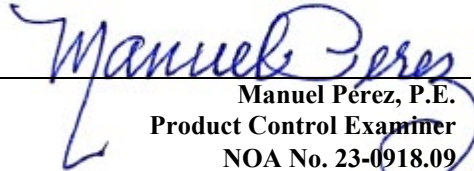
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 18-1031.05)
2. Drawing No **CDM 2017-02**, titled "Series 'AC0113' Window Wall System", sheets 1, 2, 3, 4, 5, 5.1, 6, 7, 8 and 9 of 9, dated 08/20/18, with revision No. 2 dated 09/08/21, prepared by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 21-0930.05)

B. TESTS


1. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test per TAS 201-94
5) Cyclic Wind Pressure Loading per TAS 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system with door opening, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-21-7034**, dated 06/09/21, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 21-0930.05)
2. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test per TAS 201-94
5) Cyclic Wind Pressure Loading per TAS 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system with door opening, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-21-7036**, dated 06/29/21, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 21-0930.05)
3. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-17-5098**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0918.09
Expiration Date: February 21, 2029
Approval Date: November 02, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
B. TESTS (CONTINUED)

4. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6018**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
5. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6019**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
6. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6020**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
7. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6028**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
8. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6029**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
9. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6030**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)

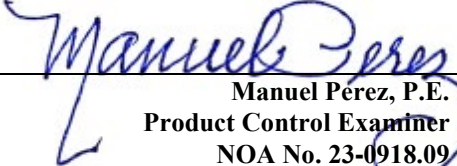

Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0918.09
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

10. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6031**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
11. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6032**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
12. Test report on: 1) Safety Performance Test, (class A) per ANSI Z97.1-84 Sect. 5 and CPSC 16 CFR CH II Part 1201' along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6039**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
13. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6048**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
14. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6052**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
15. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6053**, dated 08/03/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0918.09

Expiration Date: February 21, 2029
Approval Date: November 02, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

16. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6075**, dated 11/08/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)
17. Test reports on: 1) Large Missile Impact Test per PA 201-94
2) Cyclic Wind Pressure Loading per PA 203-94
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6076**, dated 11/08/18, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under NOA No. 18-1031.05)

C. CALCULATIONS

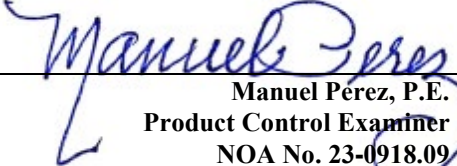
1. Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 09/15/21, prepared by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 21-0930.05)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their **"SentryGlas® (Clear and White) Glass Interlayers"** dated 11/19/20, expiring on 07/04/23.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their **"Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers"** dated 11/19/20, expiring on 07/08/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0918.09

Expiration Date: February 21, 2029
Approval Date: November 02, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

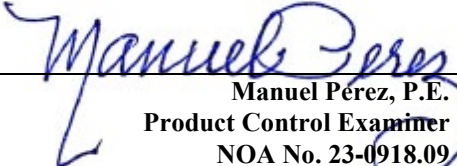
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated September 14, 2021, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 21-0930.05)
2. Statement letter of no financial interest, dated September 14, 2021, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 21-0930.05)
3. Proposal No. **17-0374R2** issued by the Product Control Section, dated May 9, 2017, with revision R2 dated September 26, 2018, signed by Manuel Perez, P.E.
(Submitted under NOA No. 21-0930.05)
4. Proposal No. **17-0374R** issued by the Product Control Section, dated September 26, 2018, signed by Manuel Perez, P.E.
(Submitted under NOA No. 18-1031.05)

G. OTHERS

1. Notice of Acceptance No. **21-0205.10**, issued to CDM Impact System, Inc. for their Series "AC-0113" Aluminum Window Wall System – L.M.I., approved on 05/06/21 and expiring on 02/21/24.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0918.09

Expiration Date: February 21, 2029
Approval Date: November 02, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **CDM 2017-02**, titled “Series ‘AC0113’ Window Wall System”, sheets 1, 2, 3, 4, 5, 5.1, 6, 7, 8 and 9 of 9, dated 08/20/18, with revision No. 3 dated 10/13/23, prepared by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

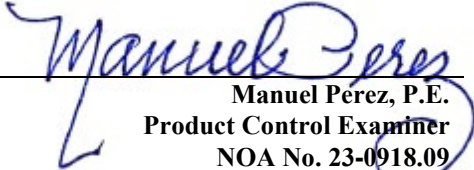
1. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/15/22, expiring on 07/04/28.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated September 06, 2023, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.

G. OTHERS

1. Notice of Acceptance No. **21-0930.05**, issued to CDM Impact System, Inc. for their Series “AC-0113” Aluminum Window Wall System – L.M.I., approved on 10/21/21 and expiring on 02/21/24.

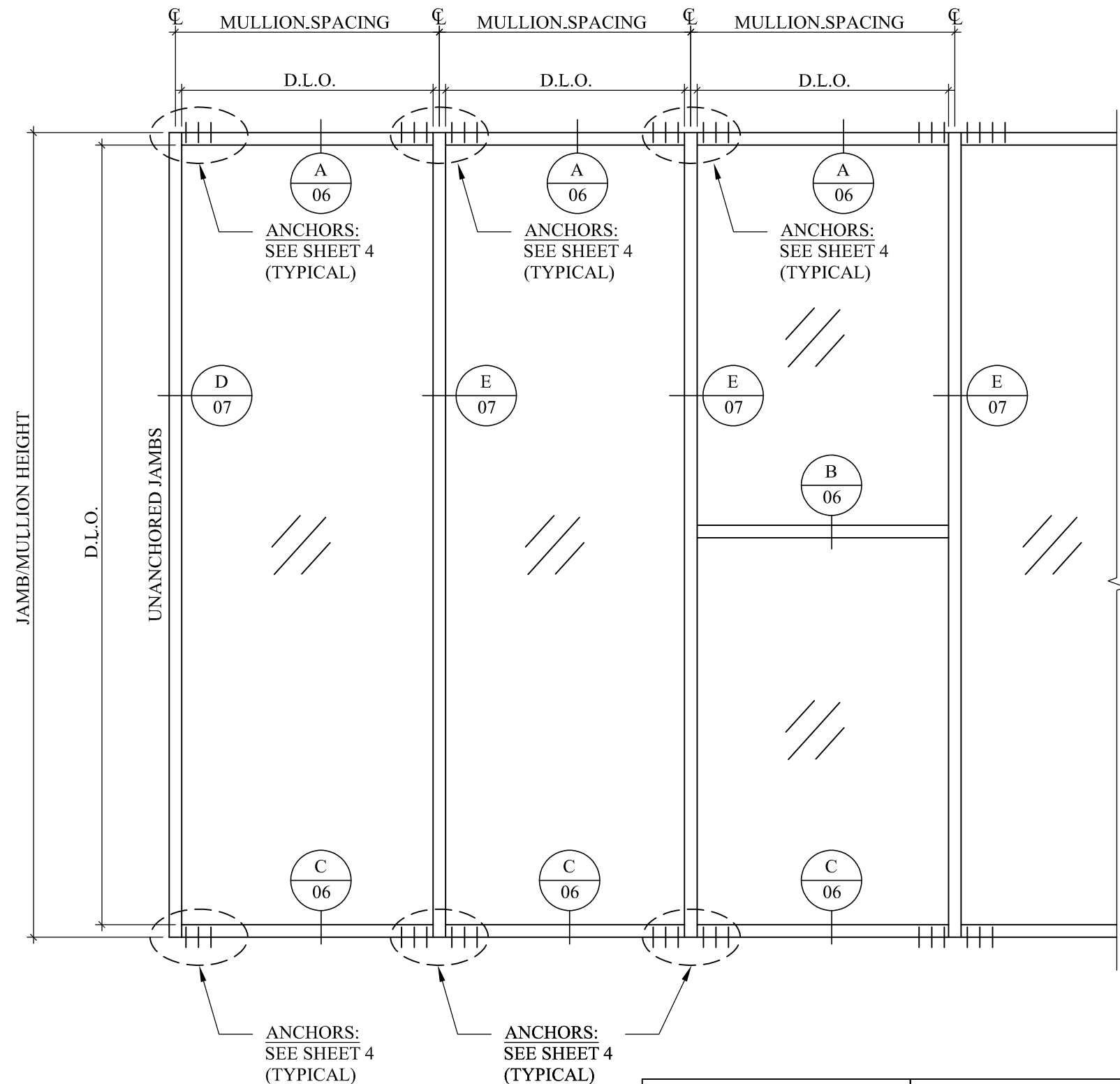

Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0918.09
Expiration Date: February 21, 2029
Approval Date: November 02, 2023

LAMINATED GLASS / INSULATED LAMINATED GLASS
LARGE MISSILE IMPACT.

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 ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY AND TO BE REVIEWED BY BUILDING OFFICIAL.

PRODUCT COMPLIES WITH
REQUIREMENTS OF ANSI Z97.1

STEP 5: THE LOWEST VALUE RESULTING FROM STEPS 2, 3 & 4 SHALL APPLY TO THE ENTIRE SYSTEM.



A circular professional engineer seal for the State of Florida. The outer ring contains the text "PROFESSIONAL ENGINEER" at the bottom and "STATE OF FLORIDA" at the top, separated by two stars. Inside the ring, the name "DANIEL GONZALEZ" is at the top, "LICENSE" is in the middle, and "No. 74271" is at the bottom. A stylized signature is written across the center of the seal.

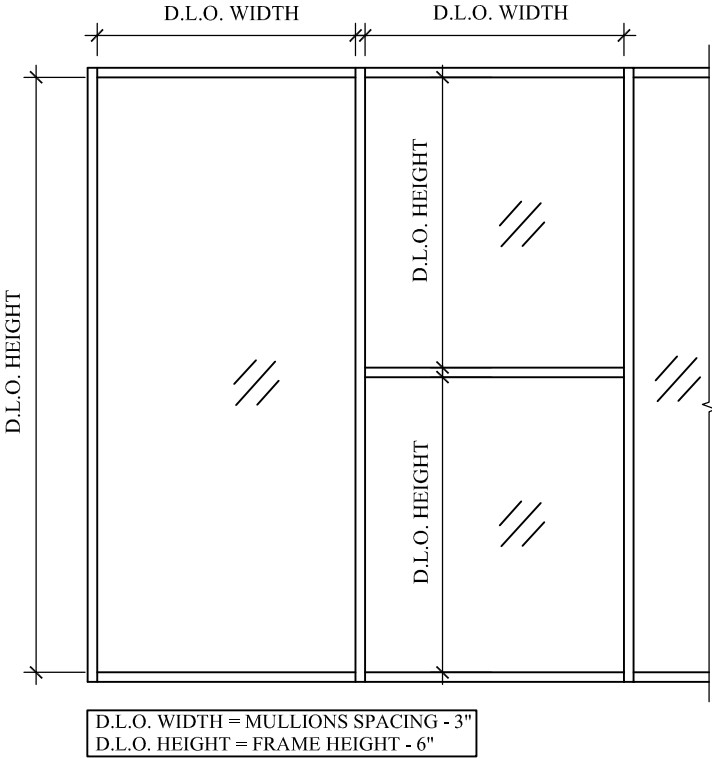
SHEET No:
1 of 9

GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS. (INCH)		GLASS TYPES
		G1 & G1A
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	EXT.(+) INT.(-)
up to:	up to:	
72	84	80.0
68	90	80.0
63 3/4	96	80.0
60	102	80.0
56 3/4	108	80.0
53 3/4	114	80.0
51	120	80.0
48 1/2	126	80.0
46 1/2	132	80.0
44	139 1/2	80.0
42 1/2	144	75.9
40 3/4	150	70.5
39	156	66.0
37 3/4	162	61.3
36 1/2	168	57.3
35	174	54.1
34	180	50.8
33	186	47.4

GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS. (INCH)		GLASS TYPES
		G2 & G2A
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	EXT.(+) INT.(-)
up to:	up to:	
60 3/4	84	120.0
72	84	90.0
56 3/4	90	120.0
72	90	90.0
53	96	120.0
72	96	90.0
50	102	120.0
72	102	90.0
47 1/4	108	120.0
72	108	90.0
45	114	120.0
72	114	90.0
45	115 1/2	120.0
72	115 1/2	90.0
42 1/2	120	112.1
72	120	90.0
40 1/2	126	102.8
72	126	90.0

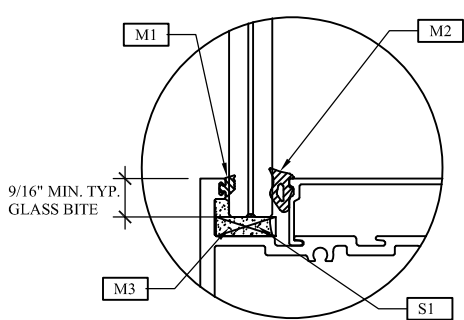
GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS. (INCH)		GLASS TYPES
		G2 & G2A
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	EXT.(+) INT.(-)
up to:	up to:	
38 1/2	132	94.8
71 1/2	132	90.0
68 1/2	138	90.0
66 3/4	139 1/2	90.0
61 1/2	144	90.0
65 1/2	144	83.3
54	150	90.0
57	150	87.1
60	150	82.3
48	156	90.0
51	156	88.1
54	156	82.5
57	156	77.9
45	162	90.0
48	162	84.3
51	162	78.7
54	162	73.7

GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS. (INCH)		GLASS TYPES
		G2 & G2A
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	EXT.(+) INT.(-)
up to:	up to:	
39	168	90.0
42	168	87.6
45	168	81.8
48	168	76.1
51	168	71.1
36	174	90.0
39	174	86.2
42	174	79.4
45	174	73.6
48	174	68.5
51	174	64.0
34	180	90.0
36	180	84.9
39	180	77.8
42	180	71.8
45	180	66.5
48	180	62.3
33	186	84.7
36	186	77.0
39	186	71.0
42	186	65.5
45	186	60.7

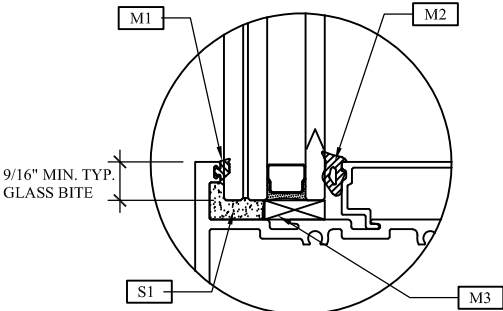


NOTES:
1. INTERPOLATION ALLOWED
2. GLASS CAPACITIES ARE BASED ASTM E1300-09 (3 SEC. GUSTS)

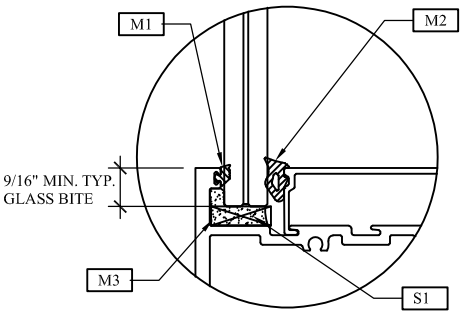
GLAZING OPTIONS:



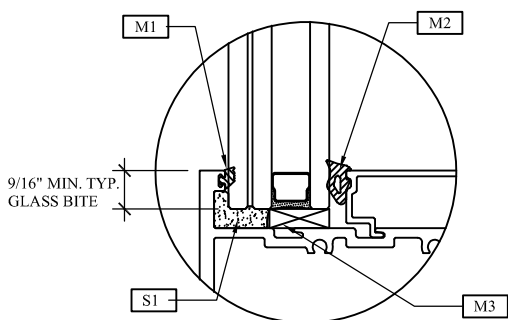
GLASS TYPE "G-1"
9/16" LAMINATED GLASS
1/4" HEAT STRENGTH GLASS
0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
1/4" HEAT STRENGTH GLASS



GLASS TYPE "G-1A"
1 5/16" INSULATED -LAMINATED GLASS
1/4" HEAT STRENGTH GLASS
0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
1/4" HEAT STRENGTH GLASS
0.50" AIR SPACE
1/4" TEMPERED GLASS



GLASS TYPE "G-2"
9/16" LAMINATED GLASS
1/4" HEAT STRENGTH GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY AMERICA, INC.
1/4" HEAT STRENGTH GLASS



GLASS TYPE "G-2A"
1 5/16" INSULATED -LAMINATED GLASS
1/4" HEAT STRENGTH GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY AMERICA, INC.
1/4" HEAT STRENGTH GLASS
0.50" AIR SPACE
1/4" TEMPERED GLASS

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0918.09
Expiration Date: 02/21/2029
By: Manuel Torres
Miami-Dade Product Control



SERIES "AC0113"
WINDOW WALL
SYSTEM

Drawings No:
CDM 2017-02
Drawn by: AP
Checked by: DG
Date: 08/20/18
Scale:

SHEET No:
2 of 9



AM American Consulting, Inc.
14331 SW 120th Street, Suite 213,
Miami, FL 33186, Ph: (786) 219 9490
www.americanconsulting.com



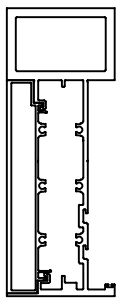
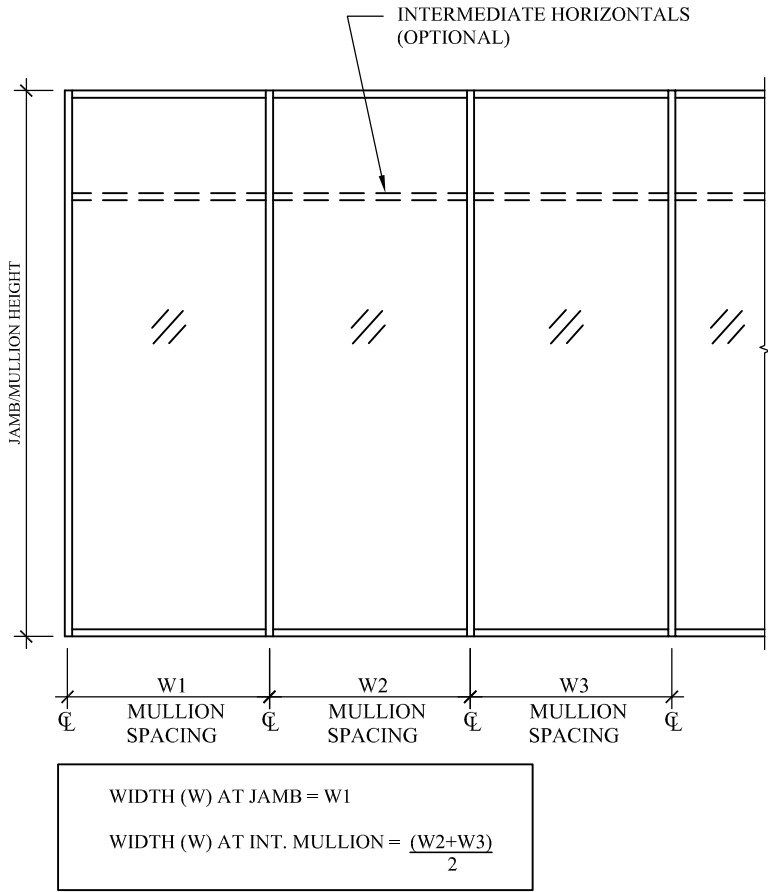
IMPACT SYSTEM

8303 NW 27th Street, Suite 17, Doral, FL 33122 /Ph: 305-267-1011

NO.	DATE	BY	REVISION
1	01-15-2021		UPDATED FBC 7th EDITION (2020)
2	09-08-2021		ADD. DOOR OPENING
3	10-13-2023		UPDATED FBC 8th EDITION (2023)

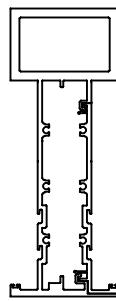
MULLION/JAMB LOAD CAPACITY - PSF					
NOMINAL DIMS.		JAMB "JS"		JAMB "JH"	JAMB "JH"
		MULL "SD"	MULL "SDR"	MULL "HV"	MULL "HVR"
MULLION SPACING (in)	JAMB/MULLION HEIGHT (in)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
up to:	up to:				
72	90	65.0	80.0	120.0	
66	96	65.0	80.0	120.0	
72		-	80.0	90.0	
60	102	65.0	80.0	120.0	
66		-	80.0	120.0	
72		-	80.0	90.0	
60	108	65.0	80.0	120.0	
72		-	80.0	90.0	
54	114	65.0	80.0	120.0	
72		-	80.0	90.0	
54	120	65.0	80.0	120.0	
71		-	80.0	90.0	
72		-	-	90.0	
48	126	-	80.0	120.0	
54		-	-	120.0	
72		-	-	90.0	
48	132	-	80.0	120.0	
72		-	-	90.0	
48	138	-	80.0	120.0	
72		-	-	90.0	
47	144	-	80.0	120.0	
71.5		-	-	90.0	
60	150				80.0
57.75	156				80.0
55.5	162				80.0
53.5	168				80.0
51.75	174				80.0
50	180				80.0
48.5	186				80.0
47	191.25				80.0

NOTES:
1. INTERPOLATION ALLOWED.
2. BOXES WITH " - " MEANS THIS COMBINATION IS NOT QUALIFIED

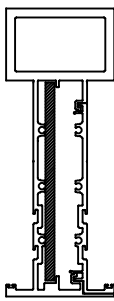


JAMB "JH"
Heavy

Ix (in4)	Sx (in3)
42.1485	9.8473

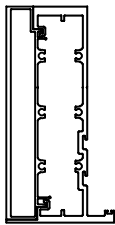


MULLION "HV"
Heavy



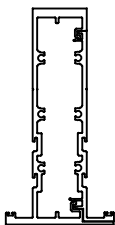
MULLION "HVR"
Heavy w/ Reinforcement

	Ix (in4)	Sx (in3)
ALUMINUM	42.1485	9.8473
STEEL	3.4661	1.2604
TOTAL 1x ALUM. + (2.9) 1x STEEL	52.2001	

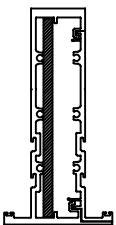


JAMB "JS"
Standard

Ix (in4)	Sx (in3)
13.0303	3.9255



MULLION "SD"
Standard



MULLION "SDR"
Standard w/ Reinforcement

	Ix (in4)	Sx (in3)
ALUMINUM	13.0303	3.9255
STEEL	3.4661	1.2604
TOTAL 1x ALUM. + (2.9) 1x STEEL	23.0819	

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0918.09
Expiration Date: 02/21/2029
By: Manuel Perez
Miami-Dade Product Control



10-13-23



AM American Consulting, Inc.
14331 SW 120th Street, Suite 213,
Miami, FL 33186, Ph: (786) 219 9490
www.americanconsulting.com



8303 NW 27th Street, Suite 17, Doral, FL 33122 /Ph: 305-267-1011

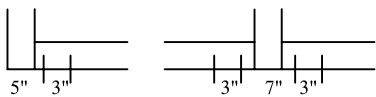
NO.	DATE	BY	REVISION
1	01-15-2021		UPDATED FBC 7th EDITION (2020)
2	09-08-2021		ADD. DOOR OPENING
3	10-13-2023		UPDATED FBC 8th EDITION (2023)

SERIES "AC0113"
WINDOW WALL
SYSTEM

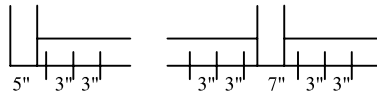
Drawings No:	CDM 2017-02
Drawn by:	AP
Checked by:	DG
Date:	08/20/18
Scale:	

SHEET No:
3 of 9

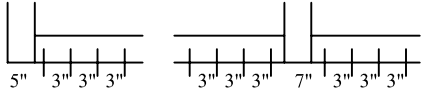
ANCHOR LOAD CAPACITY - PSF (HEAD & SILL)																						EXT. (+) & INT. (-) (PSF)									
NOMINAL DIMS. (in)		1/4" MAX. SHIM														1/2" MAX. SHIM															
		ANCHORS TYPE "A"				ANCHORS TYPE "B"				ANCHORS TYPE "C"		ANCHORS TYPE "D"				ANCHORS TYPE "A"			ANCHORS TYPE "B"												
FRAME WIDTH	FRAME HEIGHT	A2	A3	A4	A5	B2	B3	B4	B5	C2	C3	D2	D3	D4	D5	A3	A4	A5	B2	B3	B4	B5									
30	90	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	116.1	120.0	120.0	120.0	97.2	120.0	120.0	120.0	120.0	120.0	120.0									
36		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	96.7	120.0	120.0	120.0	81.0	107.9	120.0	101.6	120.0	120.0	120.0									
42		118.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	82.9	120.0	120.0	120.0	69.4	92.5	115.7	87.1	120.0	120.0	120.0									
48		104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	72.5	108.8	120.0	120.0	60.7	81.0	101.2	76.2	114.3	120.0	120.0									
54		92.4	120.0	120.0	120.0	120.0	112.4	120.0	120.0	120.0	120.0	64.5	96.7	120.0	120.0	54.0	72.0	90.0	67.7	101.6	120.0	120.0									
60		83.2	120.0	120.0	120.0	120.0	101.1	120.0	120.0	120.0	120.0	58.0	87.0	116.1	120.0	48.6	64.8	81.0	61.0	91.5	120.0	120.0									
66		75.6	113.5	151.3	189.1	91.9	120.0	120.0	120.0	120.0	120.0	52.8	79.1	105.5	120.0	44.2	58.9	73.6	55.4	83.1	110.9	120.0									
72	96	69.3	104.0	138.7	173.3	84.3	120.0	120.0	120.0	120.0	48.4	72.5	96.7	120.0	40.5	54.0	67.5	50.8	76.2	101.6	120.0										
30		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	108.8	120.0	120.0	120.0	91.1	120.0	120.0	114.3	120.0	120.0	120.0										
36		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	90.7	120.0	120.0	120.0	75.9	101.2	120.0	95.3	120.0	120.0	120.0										
42		111.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	77.7	116.6	120.0	120.0	65.1	86.7	108.4	81.7	120.0	120.0	120.0										
48		97.5	120.0	120.0	120.0	118.5	120.0	120.0	120.0	120.0	68.0	102.0	120.0	120.0	56.9	75.9	94.9	71.5	107.2	120.0	120.0										
54		86.7	120.0	120.0	120.0	105.3	120.0	120.0	120.0	120.0	60.4	90.7	120.0	120.0	50.6	67.5	84.3	63.5	95.3	120.0	120.0										
60		78.0	117.0	156.0	195.0	94.8	120.0	120.0	120.0	120.0	54.4	81.6	108.8	120.0	45.5	60.7	75.9	57.2	85.7	114.3	120.0										
66	102	70.9	106.4	141.8	177.3	86.2	120.0	120.0	120.0	120.0	49.5	74.2	98.9	120.0	41.4	55.2	69.0	52.0	77.9	103.9	120.0										
72		65.0	97.5	130.0	162.5	79.0	118.5	120.0	120.0	120.0	45.3	68.0	90.7	113.3	38.0	50.6	63.3	47.6	71.5	95.3	119.1										
30		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	102.4	120.0	120.0	120.0	85.7	114.3	120.0	107.6	120.0	120.0	120.0										
36		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	85.3	120.0	120.0	120.0	71.4	95.2	119.1	89.7	120.0	120.0	120.0										
42		104.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	73.1	109.7	120.0	120.0	61.2	81.6	102.1	76.9	115.3	120.0	120.0										
48		91.8	120.0	120.0	120.0	111.5	120.0	120.0	120.0	120.0	64.0	96.0	120.0	120.0	53.6	71.4	89.3	67.2	100.9	120.0	120.0										
54		81.6	120.0	120.0	120.0	99.1	120.0	120.0	120.0	120.0	56.9	85.3	113.8	120.0	47.6	63.5	79.4	59.8	89.7	119.6	120.0										
60	108	73.4	110.1	120.0	120.0	89.2	120.0	120.0	120.0	120.0	51.2	76.8	102.4	120.0	42.9	57.1	71.4	53.8	80.7	107.6	120.0										
66		66.7	100.1	120.0	120.0	81.1	120.0	120.0	120.0	120.0	46.5	69.8	93.1	116.4	39.0	52.0	64.9	48.9	73.4	97.8	120.0										
72		61.2	91.8	120.0	120.0	74.4	111.5	120.0	120.0	120.0	42.7	64.0	85.3	106.7	35.7	47.6	59.5	44.8	67.2	89.7	112.1										
30		138.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	96.7	120.0	120.0	120.0	81.0	107.9	120.0	101.6	120.0	120.0	120.0										
36		115.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	80.6	120.0	120.0	120.0	67.5	90.0	112.4	84.7	120.0	120.0	120.0										
42		99.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	69.1	103.6	120.0	120.0	57.8	77.1	96.4	72.6	108.9	120.0	120.0										
48		86.7	120.0	120.0	120.0	105.3	120.0	120.0	120.0	120.0	60.4	90.7	120.0	120.0	50.6	67.5	84.3	63.5	95.3	120.0	120.0										
54	114	77.0	115.6	120.0	120.0	93.6	120.0	120.0	120.0	120.0	53.7	80.6	107.5	120.0	45.0	60.0	75.0	56.5	84.7	112.9	120.0										
60		69.3	104.0	120.0	120.0	84.3	120.0	120.0	120.0	120.0	48.4	72.5	96.7	120.0	40.5	54.0	67.5	50.8	76.2	101.6	120.0										
66		63.0	94.5	120.0	120.0	76.6	114.9	120.0	120.0	120.0	44.0	65.9	87.9	109.9	36.8	49.1	61.3	46.2	69.3	92.4	115.5										
72		57.8	86.7	115.6	120.0	70.2	105.3	120.0	120.0	111.1	40.3	60.4	80.6	100.7	33.7	45.0	56.2	42.3	63.5	84.7	105.9										
30		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	91.6	120.0	120.0	120.0	76.7	102.3	120.0	96.3	120.0	120.0	120.0										
36		109.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	76.4	114.5	120.0	120.0	63.9	85.2	106.5	80.2	120.0	120.0	120.0										
42		93.8	120.0	120.0	120.0	114.0	120.0	120.0	120.0	120.0	65.4	98.2	120.0	120.0	54.8	73.0	91.3	68.8	103.1	120.0	120.0										
48	120	82.1	120.0	120.0	120.0	99.8	120.0	120.0	120.0	120.0	57.3	85.9	114.5	120.0	47.9	63.9	79.9	60.2	90.3	120.0	120.0										
54		73.0	109.5	120.0	120.0	88.7	120.0	120.0	120.0	120.0	50.9	76.4	101.8	120.0	42.6	56.8	71.0	53.5	80.2	107.0	120.0										
60		65.7	98.5	120.0	120.0	79.8	120.0	120.0	120.0	120.0	45.8	68.7	91.6	114.5	38.3	51.1	63.9	48.1	72.2	96.3	120.0										
66		59.7	89.6	119.4	120.0	72.6	120.0	120.0	120.0	114.8	41.6	62.5	83.3	104.1	34.9	46.5	58.1	43.8	65.6	87.5	109.4										
72		54.7	82.1	109.5	120.0	66.5	120.0	120.0	120.0	105.3	38.2	57.3	76.4	95.4	32.0	42.6	53.3	40.1	60.2	80.2	100.3										
30		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	87.0	120.0	120.0	120.0	72.9	97.2	120.0	91.5	120.0	120.0	120.0										
36		104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	72.5	108.8	120.0	120.0	60.7	81.0	101.2	76.2	114.3	120.0	120.0										
42	89.1	120.0	120.0	120.0	108.3	120.0	120.0	120.0	120.0	62.2	93.3	120.0	120.0	52.0	69.4	86.7	65.3	98.0	120.0	120.0											
48	78.0	117.0	120.0	120.0	94.8	120.0	120.0	120.0	120.0	54.4	81.6	108.8	120.0	45.5	60.7	75.9	57.2	85.7	114.3	120.0											
54	126	69.3	104.0	120.0	120.0	84.3	120.0	120.0	120.0	120.0	48.4	72.5	96.7	120.0	40.5	54.0	67.5	50.8	76.2	101.6	120.0										
60		62.4	93.6	120.0	120.0	75.8	113.8	120.0	120.0	120.0	43.5	65.3	87.0	108.8	36.4	48.6	60.7	45.7	68.6	91.5	114.3										
66		56.7	85.1	113.5	120.0	68.9	103.4	120.0	120.0	109.1	39.6	59.3	79.1	98.9	33.1	44.2	55.2	41.6	62.4	83.1	103.9										
72		52.0	78.0	104.0	120.0	63.2	94.8	120.0	120.0	100.0	36.3	54.4	72.5	90.7	30.4	40.5	50.6	38.1	57.2	76.2	95.3										
30		118.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	82.9	120.0	120.0	120.0	69.4	92.5	115.7	87.1	120.0	120.0	120.0										
36		99.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	69.1	103.6	120.0	120.0	57.8	77.1	96.4	72.6	108.9	120.0	120.0										
42		84.9	120.0	120.0	120.0	103.2	120.0	120.0	120.0	120.0	59.2	88.8	118.4	120.0	49.6	66.1	82.6	62.2	93.3	120.0	120.0										
48	132	74.3	111.4	120.0	120.0	90.3	120.0	120.0	120.0	120.0	51.8	77.7	103.6	120.0	43.4	57.8	72.3	54.4	81.7	108.9	120.0										
54		66.0	99.0	120.0	120.0	80.3	120.0	120.0	120.0	120.0	46.1	69.1	92.1	115.1	38.6	51.4	64.3	48.4	72.6	96.8	120.0										
60		59.4	89.1	118.9	120.0	72.2	108.3	120.0	120.0	114.3	41.4	62.2	82.9	103.6	34.7	46.3	57.8	43.6	65.3	87.1	108.9										
66		54.0	81.0	108.1	120.0	65.7	98.5	120.0	120.0	103.9	37.7	56.5	75.4	94.2	31.5	42.1	52.6	39.6	59.4	79.2	99.0										
72		49.5	74.3	99.0	120.0	60.2	90.3	120.0	120.0	95.2	34.5	51.8	69.1	86.3	28.9	38.6	48.2	36.3	54.4	72.6	90.7										
30		113.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	79.1	118.7	158.3	120.0	66.2	88.3	110.4	83.1	120.0	120.0	120.0										
36		94.5	120.0	120.0	120.0	114.9	120.0	120.0	120.0	120.0	65.9	98.9	131.9	120.0	55.2	73.6	92.0	69.3	103.9	120.0	120.0										
42	81.0	120.0	120.0	120.0	98.5	120.0	120.0	120.0	120.0	56.5	84																				



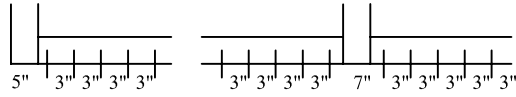
A2, B2, C2, D2 (2) ANCHORS AT EACH SIDE OF JAMB AND MULLION



A3, B3, C3, D3 (3) ANCHORS AT EACH SIDE OF JAMB AND MULLION



A4, B4, C4, D4 (4) ANCHORS AT EACH SIDE OF JAMB AND MULLION



A5, B5, C5, D5 (5) ANCHORS AT EACH SIDE OF JAMB AND MULLION

TYPICAL ANCHORS:

TYPE "A"- 1/4" ULTRACON BY "ELCO" (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE
WITH 1-3/4" MIN. EMBED INTO CONCRETE

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

TYPE "B"- 5/16" DIA ULTRACON BY "ELCO" (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE
WITH 2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES
INTO CONCRETE AND MASONRY = 3-1/8" MIN.

TYPE "C"- 1/4" DIA TEKS OR SELF DRILLING SCREWS
(Fu=120 KSI, Fy=92 KSI) (SAE GRADE 5)

INTO METAL STRUCTURES
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
ALUMINUM: 1/8" THK. MIN (6063-T6 MIN.)
STEEL: 1/8" THK. MIN (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED
OR PAINTED)

ANCHOR EDGE DISTANCES
INTO METAL STRUCTURE = 1/2" MIN.

TYPE "D"- 1/4" ULTRACON BY "ELCO" (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
WITH 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONCRETE
WITH 1-3/4" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

WOOD AT HEAD, SILL SG = 0.55 MIN.
CONCRETE AT HEAD, SILL f_c = 3000 PSI MIN.

SEALANTS:
ALL FRAME CORNERS, JOINTS, MULLION SEAMS, AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

HEX AND/OR FLAT HEAD ARE ALLOWED.

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 23-0918.09
Expiration Date: 02/21/2029
By: Manuel Perez
Miami-Dade Product Control



SERIES "AC0113"
WINDOW WALL
SYSTEM

Drawings No:

CDM 2017-02

Drawn by:

Checked by: _____

Date:	08
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Scale:

SHEET N

4 of

401

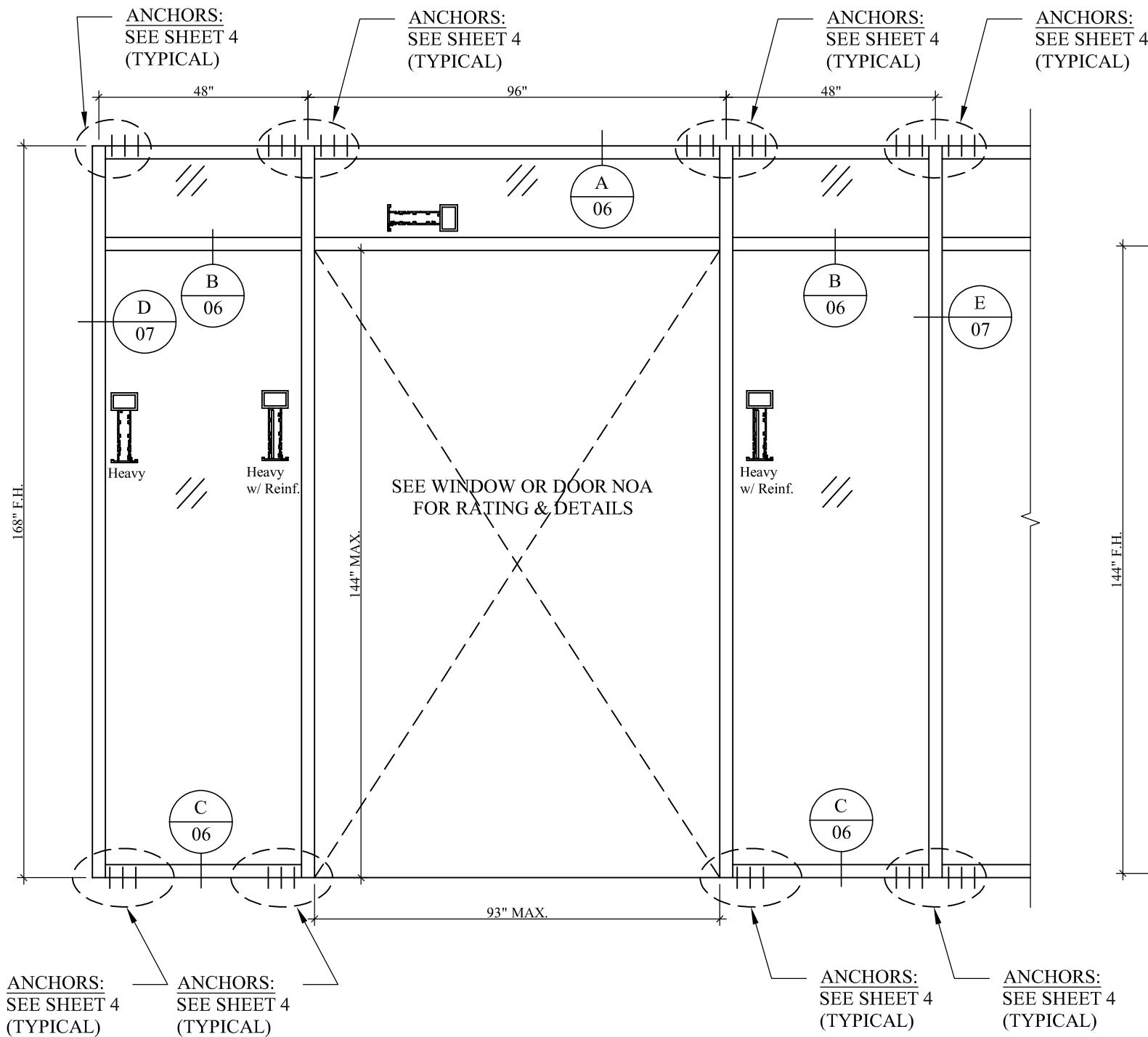


AM American Consulting, Inc.
14331 SW 120th Street, Suite 213,
Miami, FL 33186, Ph: (786) 219 9490
www.americanconsulting.com

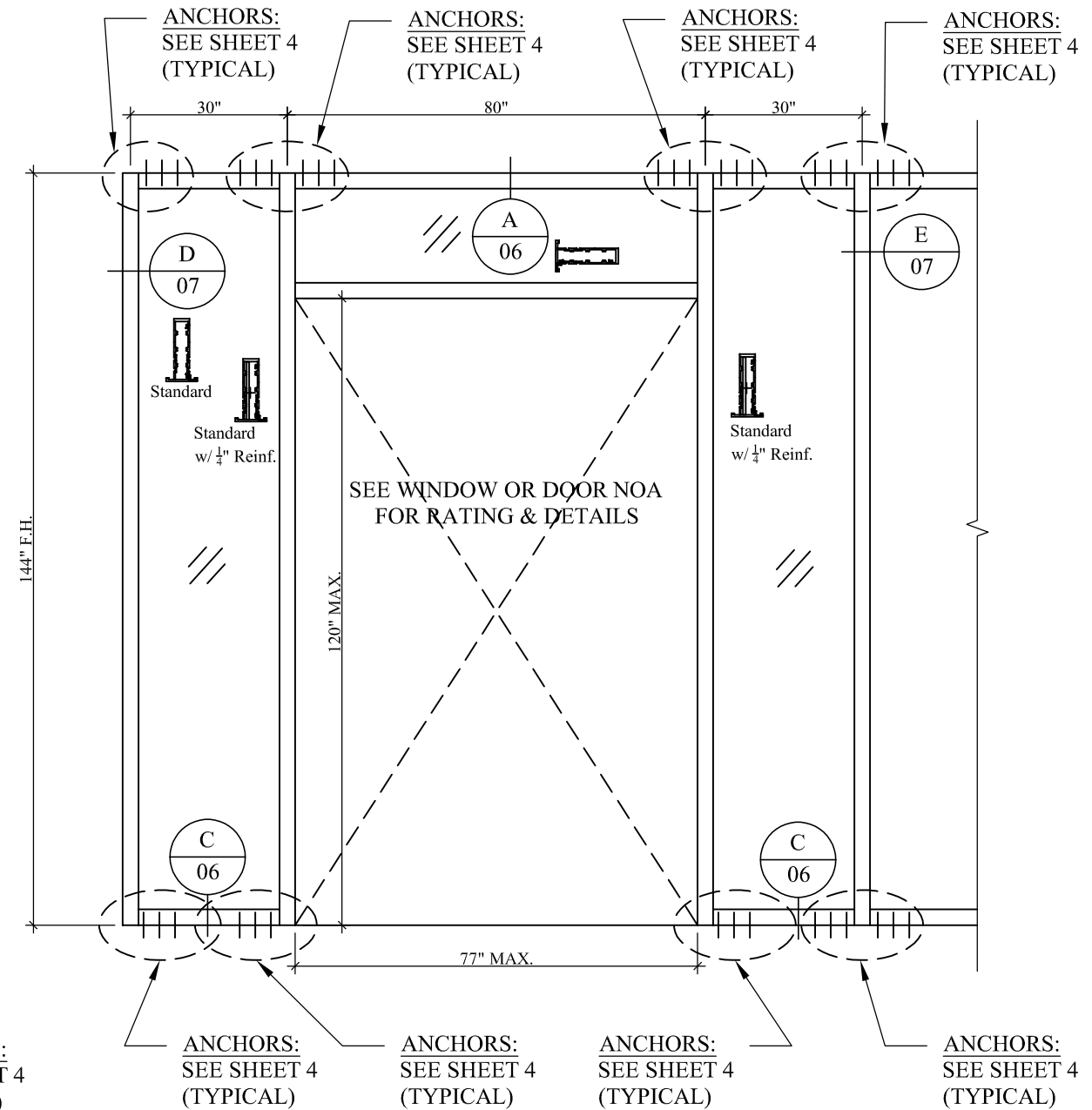


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NOMINAL DIMS. (in)		ANCHOR LOAD CAPACITY - PSF (HEAD & SILL)										EXT. (+) & INT. (-) (PSF)										
		1/4" MAX. SHIM										1/2" MAX. SHIM										
		ANCHORS TYPE "A"				ANCHORS TYPE "B"				ANCHORS TYPE "C"		ANCHORS TYPE "D"				ANCHORS TYPE "A"			ANCHORS TYPE "B"			
FRAME	FRAME	A2	A3	A4	A5	B2	B3	B4	B5	C2	C3	D2	D3	D4	D5	A3	A4	A5	B2	B3	B4	B5
30	138	108.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	75.7	113.5	151.4	120.0	63.4	84.5	105.6	79.5	119.3	120.0	120.0
36		90.4	120.0	120.0	120.0	109.9	120.0	120.0	120.0	120.0	120.0	63.1	94.6	126.1	120.0	52.8	70.4	88.0	66.3	99.4	120.0	120.0
42		77.5	116.3	120.0	120.0	94.2	120.0	120.0	120.0	120.0	120.0	54.1	81.1	108.1	120.0	45.3	60.3	75.4	56.8	85.2	113.6	120.0
48		67.8	101.7	120.0	120.0	82.4	120.0	120.0	120.0	120.0	120.0	47.3	71.0	94.6	118.3	39.6	52.8	66.0	49.7	74.6	99.4	120.0
54		60.3	90.4	120.0	120.0	73.3	109.9	120.0	120.0	115.9	120.0	42.0	63.1	84.1	105.1	35.2	46.9	58.7	44.2	66.3	88.4	110.5
60		54.3	81.4	108.5	120.0	65.9	98.9	120.0	120.0	104.3	120.0	37.8	56.8	75.7	94.6	31.7	42.2	52.8	39.8	59.6	79.5	99.4
66		49.3	74.0	98.7	120.0	60.0	89.9	119.9	120.0	94.9	120.0	34.4	51.6	68.8	86.0	28.8	38.4	48.0	36.1	54.2	72.3	90.4
72		45.2	67.8	90.4	113.0	55.0	82.4	109.9	120.0	87.0	120.0	31.5	47.3	63.1	78.8	26.4	35.2	44.0	33.1	49.7	66.3	82.8
30	144	104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	72.5	108.8	145.1	120.0	60.7	81.0	101.2	76.2	114.3	120.0	120.0
36		86.7	120.0	120.0	120.0	105.3	120.0	120.0	120.0	120.0	120.0	60.4	90.7	120.9	120.0	50.6	67.5	84.3	63.5	95.3	120.0	120.0
42		74.3	111.4	120.0	120.0	90.3	120.0	120.0	120.0	120.0	120.0	51.8	77.7	103.6	120.0	43.4	57.8	72.3	54.4	81.7	108.9	120.0
48		65.0	97.5	120.0	120.0	79.0	118.5	120.0	120.0	120.0	120.0	45.3	68.0	90.7	113.3	38.0	50.6	63.3	47.6	71.5	95.3	119.1
54		57.8	86.7	115.6	120.0	70.2	105.3	120.0	120.0	111.1	120.0	40.3	60.4	80.6	100.7	33.7	45.0	56.2	42.3	63.5	84.7	105.9
60		52.0	78.0	104.0	120.0	63.2	94.8	120.0	120.0	100.0	120.0	36.3	54.4	72.5	90.7	30.4	40.5	50.6	38.1	57.2	76.2	95.3
66		47.3	70.9	94.5	118.2	57.5	86.2	114.9	120.0	90.9	120.0	33.0	49.5	65.9	82.4	27.6	36.8	46.0	34.6	52.0	69.3	86.6
71.5		43.6	65.5	87.3	109.1	53.0	79.6	106.1	120.0	83.9	120.0	30.4	45.7	60.9	76.1	25.5	34.0	42.5	32.0	48.0	64.0	79.9
42	150	71.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	49.7	74.6	80.0	80.0	41.6	55.5	69.4	52.3	78.4	80.0	80.0
45		66.6	80.0	80.0	80.0	80.9	80.0	80.0	80.0	80.0	80.0	46.4	69.6	80.0	80.0	38.9	51.8	64.8	48.8	73.2	80.0	80.0
47		63.7	80.0	80.0	80.0	77.5	80.0	80.0	80.0	80.0	80.0	44.4	66.7	80.0	80.0	37.2	49.6	62.0	46.7	70.1	80.0	80.0
51		58.7	80.0	80.0	80.0	71.4	80.0	80.0	80.0	80.0	80.0	41.0	61.4	80.0	80.0	34.3	45.7	57.1	43.0	64.6	80.0	80.0
54		55.5	80.0	80.0	80.0	67.4	80.0	80.0	80.0	80.0	80.0	38.7	58.0	77.4	80.0	32.4	43.2	54.0	40.6	61.0	80.0	80.0
57		52.5	78.8	80.0	80.0	63.9	80.0	80.0	80.0	80.0	80.0	36.6	55.0	73.3	80.0	30.7	40.9	51.1	38.5	57.8	77.0	80.0
60		49.9	74.9	80.0	80.0	60.7	80.0	80.0	80.0	80.0	80.0	34.8	52.2	69.6	80.0	29.1	38.9	48.6	36.6	54.9	73.2	80.0
42		68.6	80.0	80.0	80.0	83.3	80.0	80.0	80.0	80.0	80.0	47.8	71.7	80.0	80.0	40.0	53.4	66.7	50.3	75.4	80.0	80.0
45	156	64.0	80.0	80.0	80.0	77.8	80.0	80.0	80.0	80.0	80.0	44.6	67.0	80.0	80.0	37.4	49.8	62.3	46.9	70.4	80.0	80.0
47		61.3	80.0	80.0	80.0	74.5	80.0	80.0	80.0	80.0	80.0	42.7	64.1	80.0	80.0	35.8	47.7	59.6	44.9	67.4	80.0	80.0
51		56.5	80.0	80.0	80.0	68.6	80.0	80.0	80.0	80.0	80.0	39.4	59.1	78.8	80.0	33.0	44.0	55.0	41.4	62.1	80.0	80.0
54		53.3	80.0	80.0	80.0	64.8	80.0	80.0	80.0	80.0	80.0	37.2	55.8	74.4	80.0	31.1	41.5	51.9	39.1	58.6	78.2	80.0
57.75		49.9	74.8	80.0	80.0	60.6	80.0	80.0	80.0	80.0	80.0	34.8	52.2	69.6	80.0	29.1	38.8	48.5	36.5	54.8	73.1	80.0
42		66.0	80.0	80.0	80.0	80.3	80.0	80.0	80.0	80.0	80.0	46.1	69.1	80.0	80.0	38.6	51.4	64.3	48.4	72.6	80.0	80.0
45		61.6	80.0	80.0	80.0	74.9	80.0	80.0	80.0	80.0	80.0	43.0	64.5	80.0	80.0	36.0	48.0	60.0	45.2	67.7	80.0	80.0
47		59.0	80.0	80.0	80.0	71.7	80.0	80.0	80.0	80.0	80.0	41.2	61.7	80.0	80.0	34.5	45.9	57.4	43.2	64.9	80.0	80.0
51	162	54.4	80.0	80.0	80.0	66.1	80.0	80.0	80.0	80.0	80.0	37.9	56.9	75.9	80.0	31.7	42.3	52.9	39.9	59.8	79.7	80.0
54		51.4	77.0	80.0	80.0	62.4	80.0	80.0	80.0	80.0	80.0	35.8	53.7	71.6	80.0	30.0	40.0	50.0	37.6	56.5	75.3	80.0
55.5		50.0	75.0	80.0	80.0	60.7	80.0	80.0	80.0	80.0	80.0	34.9	52.3	69.7	80.0	29.2	38.9	48.6	36.6	54.9	73.2	80.0
42		63.7	80.0	80.0	80.0	77.4	80.0	80.0	80.0	80.0	80.0	44.4	66.6	80.0	80.0	37.2	49.6	62.0	46.7	70.0	80.0	80.0
45		59.4	80.0	80.0	80.0	72.2	80.0	80.0	80.0	80.0	80.0	41.4	62.2	80.0	80.0	34.7	46.3	57.8	43.6	65.3	80.0	80.0
47		56.9	80.0	80.0	80.0	69.2	80.0	80.0	80.0	80.0	80.0	39.7	59.5	79.4	80.0	33.2	44.3	55.4	41.7	62.5	80.0	80.0
51		52.4	78.7	80.0	80.0	63.7	80.0	80.0	80.0	80.0	80.0	36.6	54.9	73.1	80.0	30.6	40.8	51.0	38.4	57.6	76.9	80.0
53.5		50.0	75.0	80.0	80.0	60.8	80.0	80.0	80.0	80.0	80.0	34.9	52.3	69.7	80.0	29.2	38.9	48.6	36.6	54.9	73.3	80.0
42	174	61.5	80.0	80.0	80.0	74.7	80.0	80.0	80.0	80.0	80.0	42.9	64.3	80.0	80.0	35.9	47.9	59.8	45.1	67.6	80.0	80.0
45		57.4	80.0	80.0	80.0	69.7	80.0	80.0	80.0	80.0	80.0	40.0	60.0	80.0	80.0	33.5	44.7	55.8	42.0	63.1	80.0	80.0
47		54.9	80.0	80.0	80.0	66.8	80.0	80.0	80.0	80.0	80.0	38.3	57.5	76.6	80.0	32.1	42.8	53.5	40.3	60.4	80.0	80.0
51.75		49.9	74.8	80.0	80.0	60.6	80.0	80.0	80.0	80.0	80.0	34.8	52.2	69.6	80.0	29.1	38.8	48.6	36.6	54.8	73.1	80.0
42		59.4	80.0	80.0	80.0	72.2	80.0	80.0	80.0	80.0	80.0	41.4	62.2	80.0	80.0	34.7	46.3	57.8	43.6	65.3	80.0	80.0
45		55.5	80.0	80.0	80.0	67.4	80.0	80.0	80.0	80.0	80.0	38.7	58.0	77.4	80.0	32.4	43.2	54.0	40.6	61.0	80.0	80.0
47		53.1	79.7	80.0	80.0	64.5	80.0	80.0	80.0	80.0	80.0	37.0	55.6	74.1	80.0	31.0	41.3	51.7	38.9	58.4	77.8	80.0
50		49.9	74.9	80.0	80.0	60.7	80.0	80.0	80.0	80.0	80.0	34.8	52.2	69.6	80.0	29.1	38.9	48.6	36.6	54.9	73.2	80.0
42	186	57.5	80.0	80.0	80.0	69.9	80.0	80.0	80.0	80.0	80.0	40.1	60.2	80.0	80.0	33.6	44.8	56.0	42.1	63.2	80.0	80.0
45		53.7	80.0	80.0	80.0	65.2	80.0	80.0	80.0	80.0	80.0	37.4	56.2									

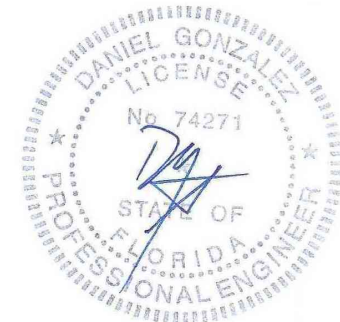


DESIGN PRESSURE :
±80.00 PSF



DESIGN PRESSURE :
±80.00 PSF

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0918.09**
Expiration Date: **02/21/2029**
By: *Manuel Torres*
Miami-Dade Product Control



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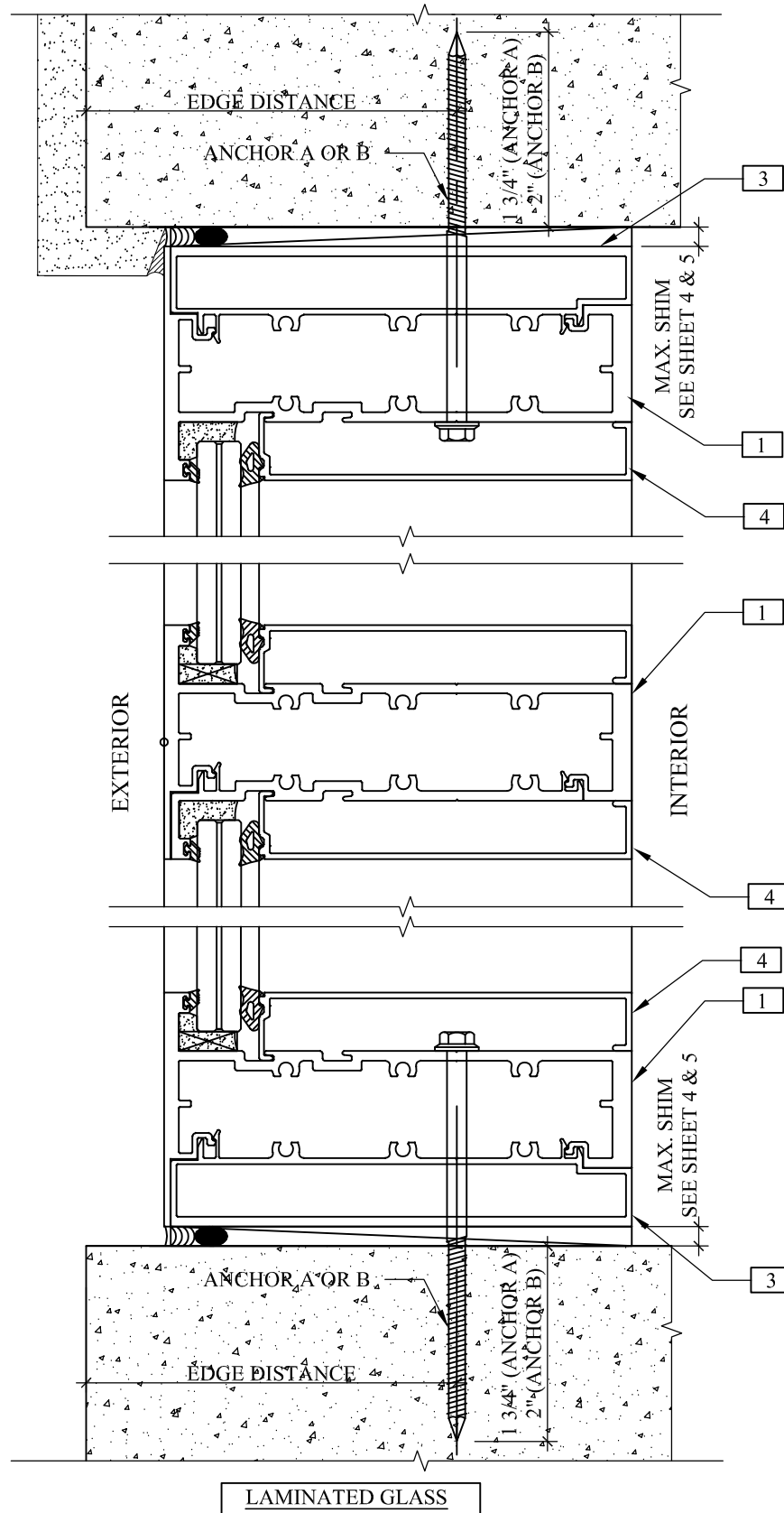
NO.	DATE	BY	REVISION
1	01-15-2021		UPDATED FBC 7th EDITION (2020)
2	09-08-2021		ADD. DOOR OPENING
3	10-13-2023		UPDATED FBC 8th EDITION (2023)

SERIES "AC0113"
WINDOW WALL
SYSTEM

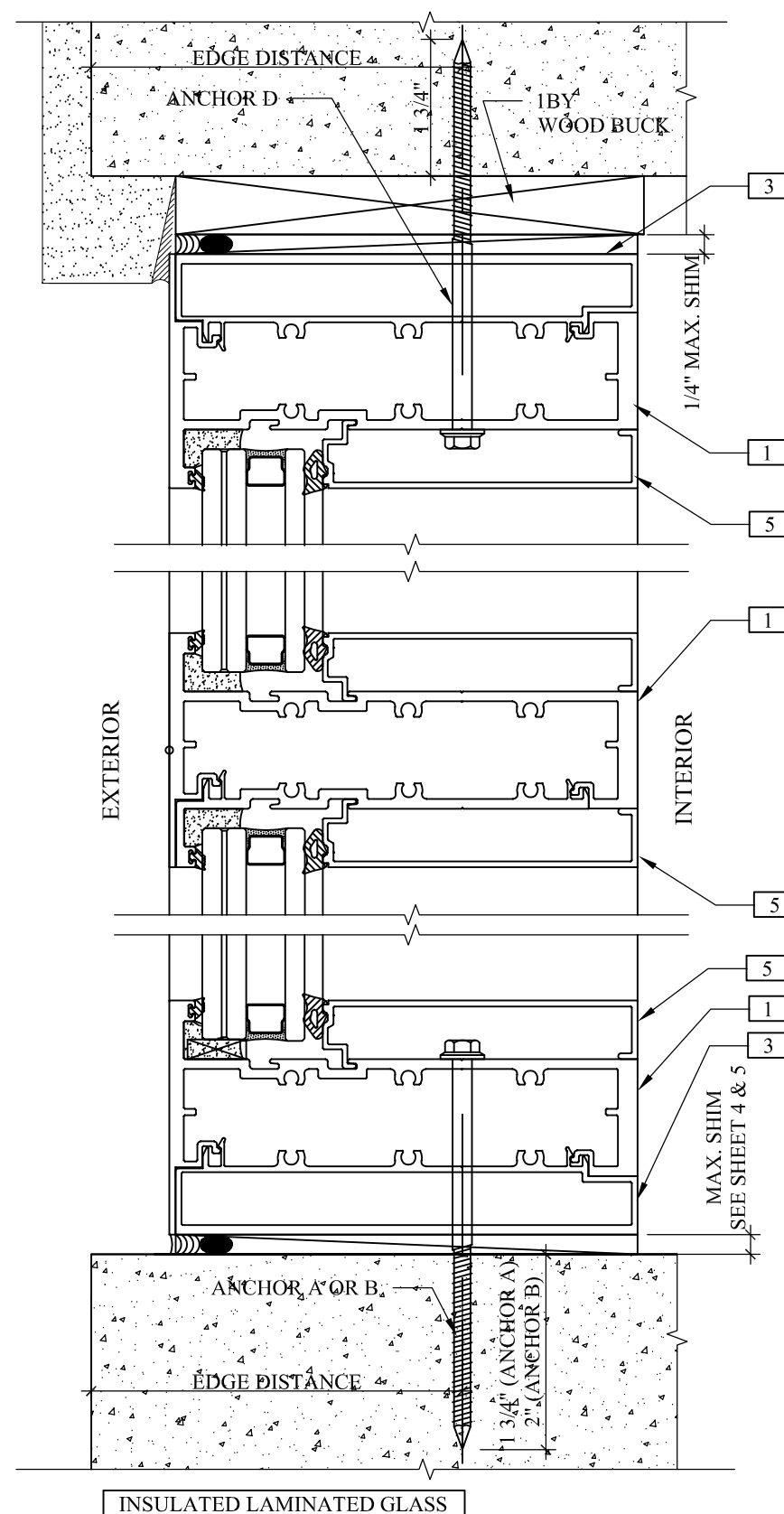
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Drawn by:	AP
Checked by:	DG
Date:	08/20/18
Scale:	

SHEET No:
5.1 of 9

10-13-23

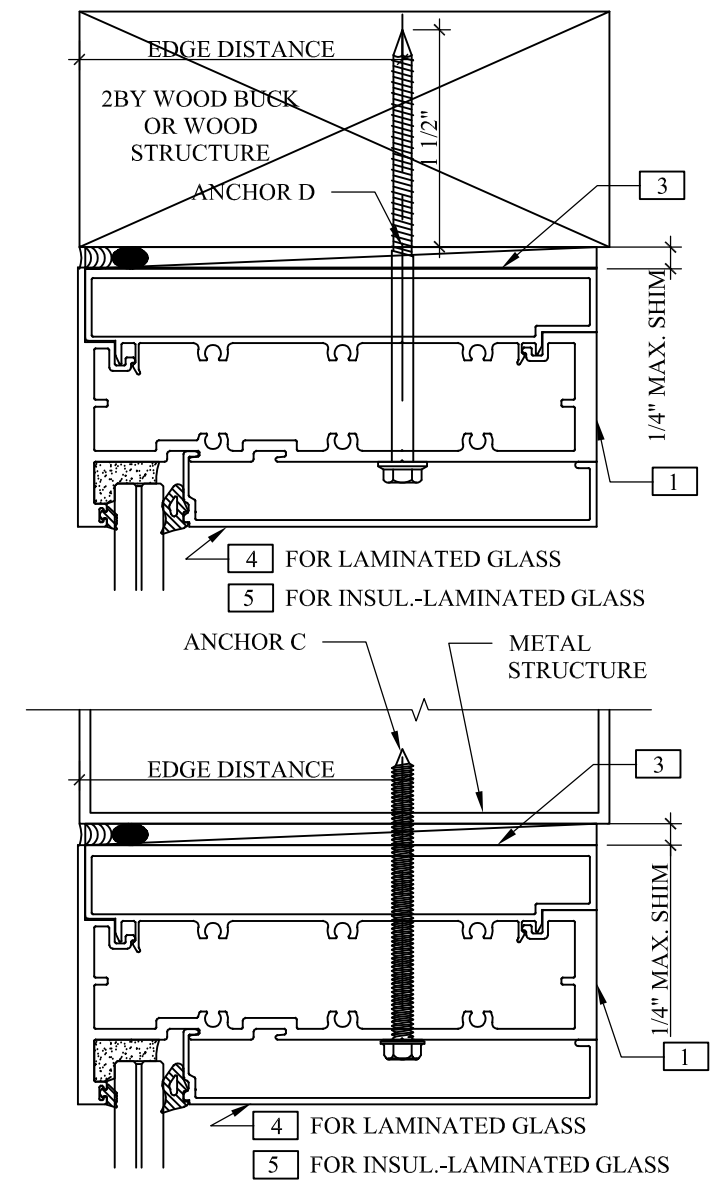


DETAIL A



DETAIL B

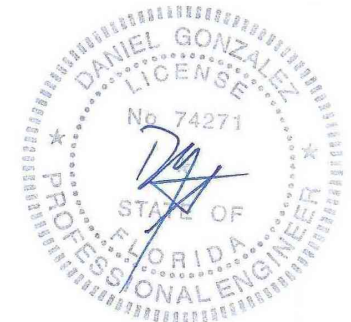
DETAIL C



WOOD BUCKS AND METAL STRUCTURES NOT BY CDM MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEE SHEET 4 FOR ANCHOR DESCRIPTION.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0918.09**
Expiration Date: **02/21/2029**
By: *Manuel Perez*
Miami-Dade Product Control



10-13-23



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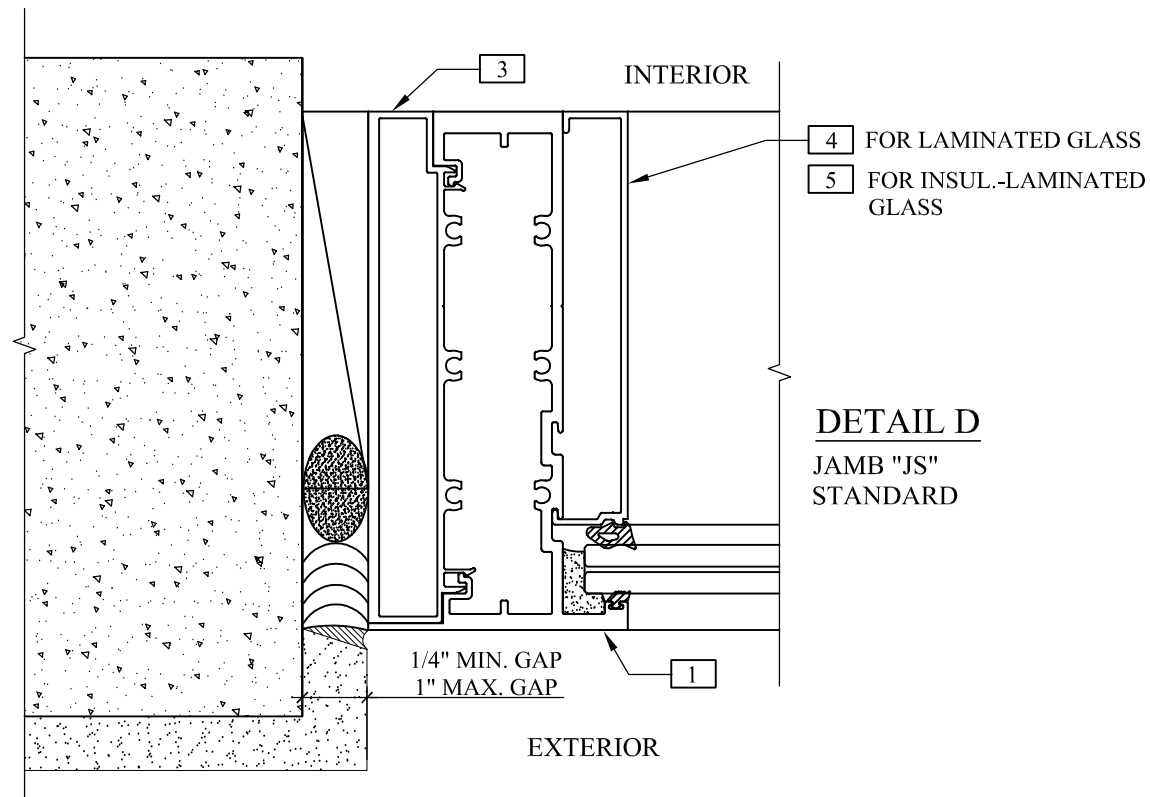
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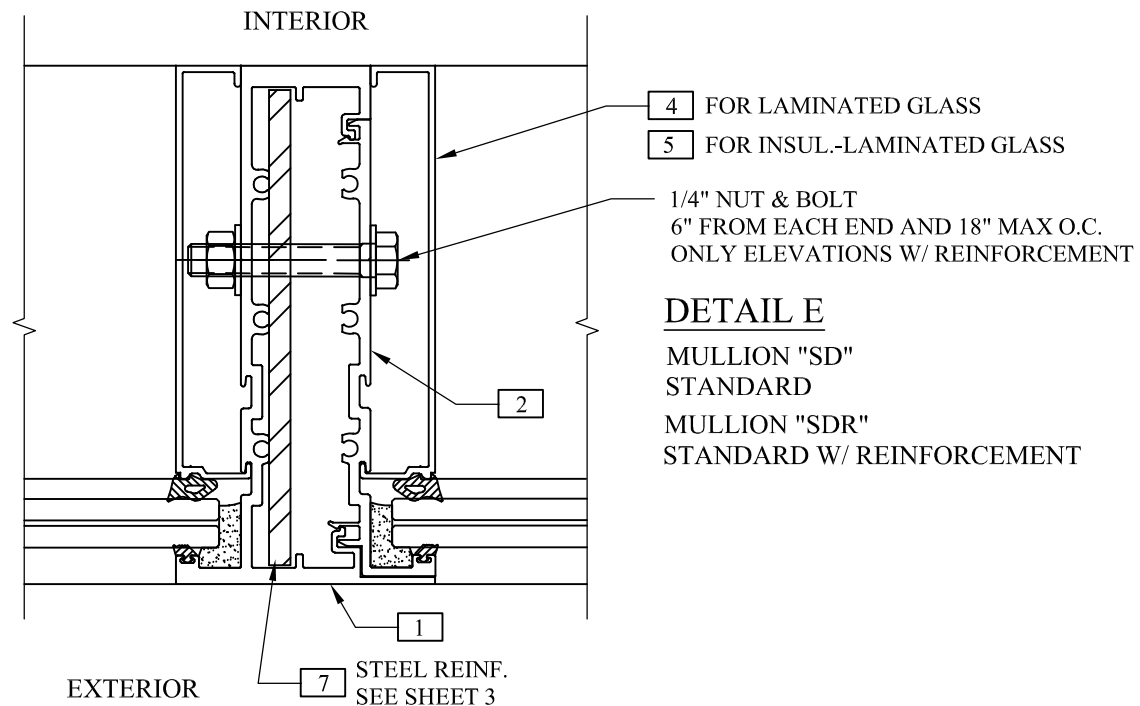
SERIES "AC0113"
WINDOW WALL
SYSTEM

Drawings No:	CDM 2017-02
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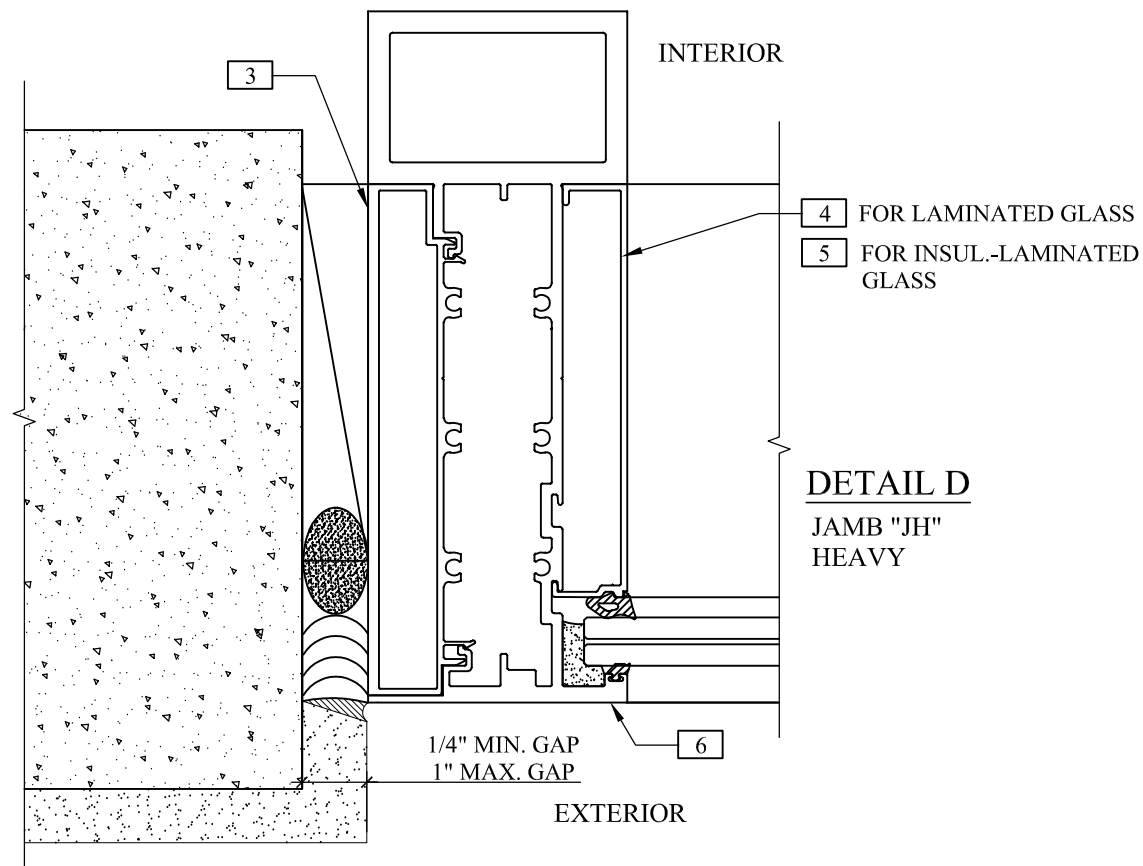
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6 of 9



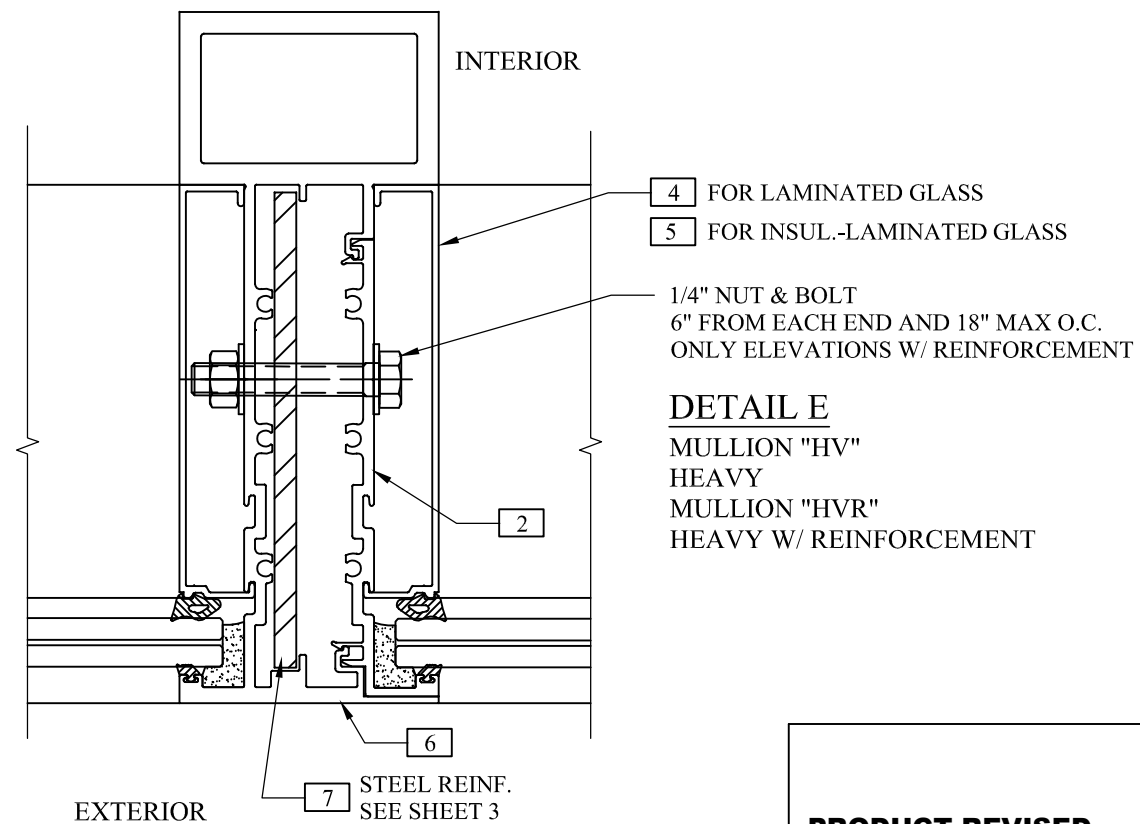
DETAIL D
JAMB "JS"
STANDARD



DETAIL E
MULLION "SD"
STANDARD
MULLION "SDR"
STANDARD W/ REINFORCEMENT



DETAIL D
JAMB "JH"
HEAVY



DETAIL E
MULLION "HV"
HEAVY
MULLION "HVR"
HEAVY W/ REINFORCEMENT

PRODUCT REVISED
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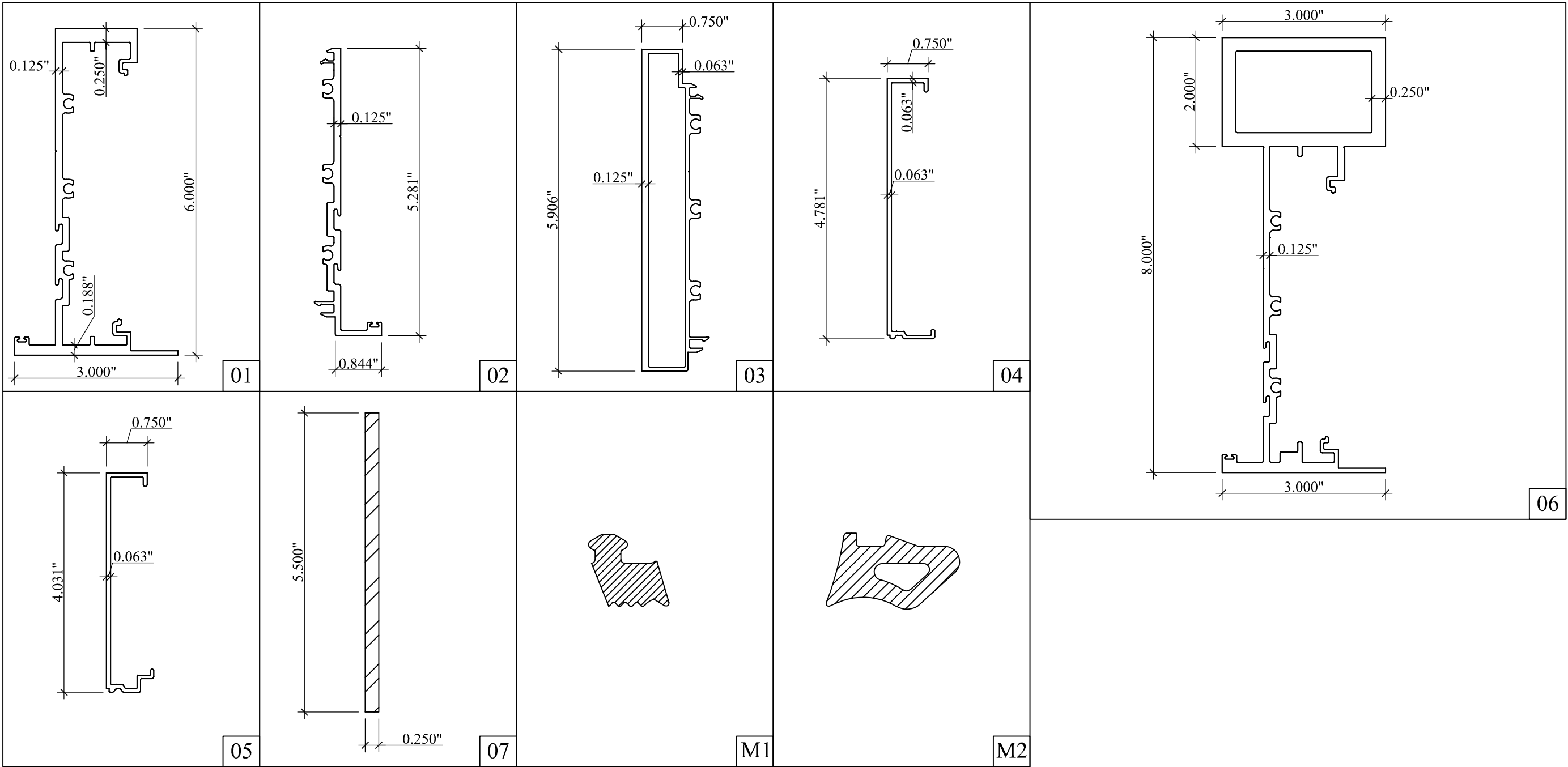


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SERIES "AC0113"
WINDOW WALL
SYSTEM

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Scale:	

SHEET No:
7 of 9



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	OBSERVATIONS
1	AC-001	AS REQD.	STANDARD FEMALE MULLION	ALUMINUM	ALLOY 6063-T6
2	AC-002	AS REQD.	MALE MULLION	ALUMINUM	ALLOY 6063-T6
3	AC-003	AS REQD.	SNAP COVER	ALUMINUM	ALLOY 6063-T6
4	AC-004	AS REQD.	GLASS STOP FOR LAMINATED GLASS	ALUMINUM	ALLOY 6063-T6
5	AC-005	AS REQD.	GLASS STOP FOR INSULATED LAMINATED GLASS	ALUMINUM	ALLOY 6063-T6
6	AC-006	AS REQD.	HEAVY FEMALE MULLION	ALUMINUM	ALLOY 6063-T6
7	AC-007	AS REQD.	1/4" STEEL REINFORCEMENT	STEEL	A36
M1	G-01	AS REQD.	SPACER GASKET	SILICONE	70 +/- 5 DUROMETER
M2	G-02	AS REQD.	WEDGE GASKET	SILICONE	80 +/- 5 DUROMETER
M3	-	2/ LITE	3/16" X 1/2" X 2" LONG SETTING BLOCK, AT 1/4" POINTS	EPDM OR SILICONE	-
S1	-	AS REQD.	SILICONE DC983 OR DC995	SILICONE	DOW CORNING
F1	-	AS REQD.	#12 X 1-1/2" FH SMS	S.S.	ASSEMBLY SCREW
F2	-	AS REQD.	#12 X 1-1/2" HWH SMS	S.S.	ASSEMBLY SCREW

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Miami-Dade Product Control

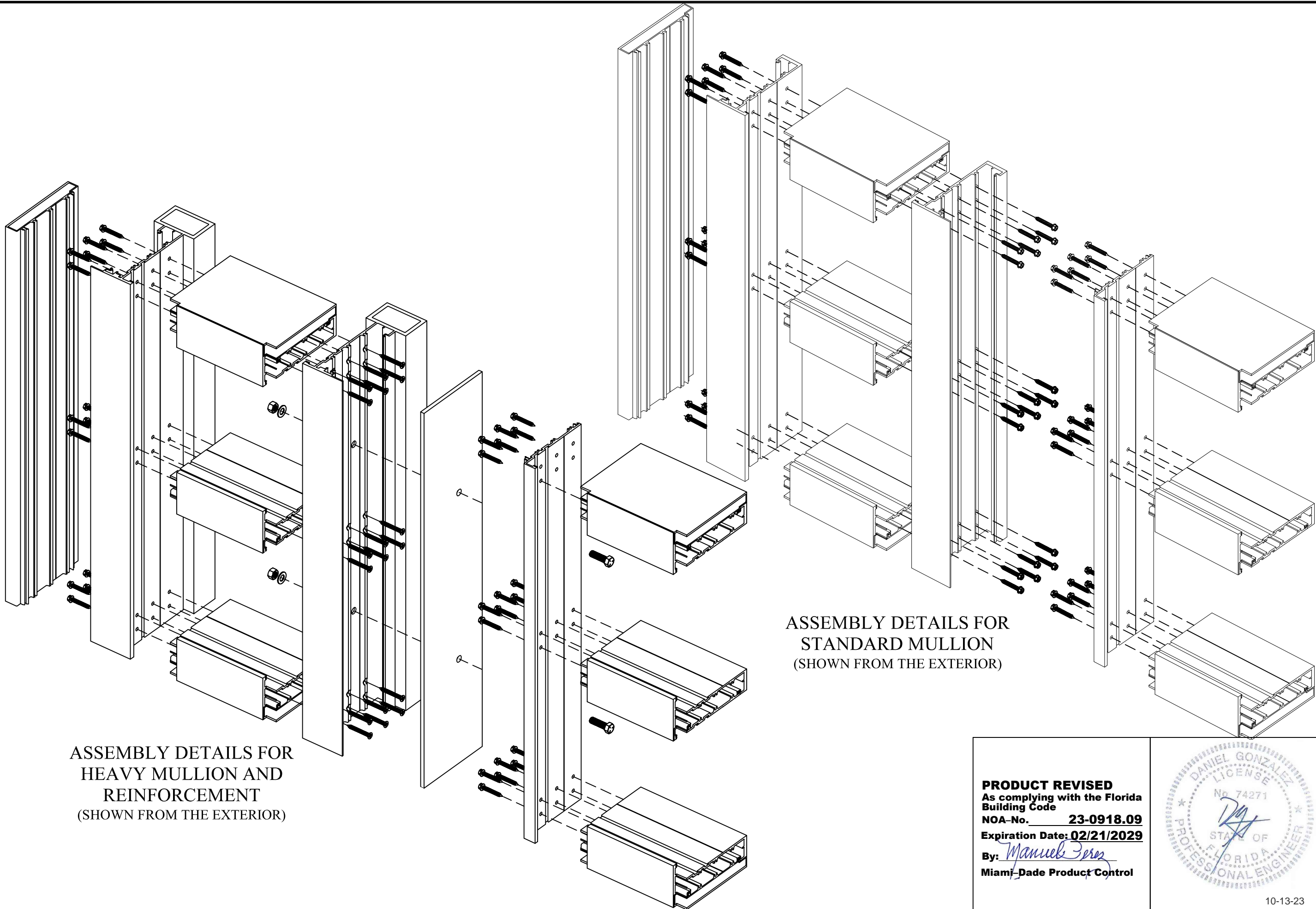


SERIES "AC0113"
WINDOW WALL
SYSTEM

Drawings No:
CDM 2017-02
Drawn by: AP
Checked by: DG
Date: 08/20/18
Scale:

SHEET No:
8 of 9

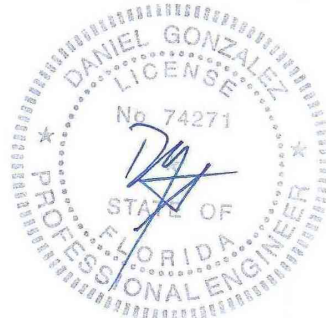
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2	09-08-2021		ADD. DOOR OPENING
3	10-13-2023		UPDATED FBC 8th EDITION (2023)




ASSEMBLY DETAILS FOR
HEAVY MULLION AND
REINFORCEMENT
(SHOWN FROM THE EXTERIOR)

ASSEMBLY DETAILS FOR
STANDARD MULLION
(SHOWN FROM THE EXTERIOR)

PRODUCT REVISED
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NOA-No. **23-0918.09**
Expiration Date: **02/21/2029**
By: *Manuel Torres*
Miami-Dade Product Control



10-13-23


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IMPACT SYSTEM
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NO.	DATE	BY	REVISION
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SERIES "AC0113"
WINDOW WALL
SYSTEM

Drawings No:	CDM 2017-02
Drawn by:	AP
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Date:	08/20/18
Scale:	

SHEET No:
9 of 9