



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

RC Home Showcase, Inc.
2970 NW 75th Avenue
Miami, 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 "FX100" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-44** titled "FX100 Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 05/29/04, with revision **J** dated 12/09/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 **NOA No. 13-1112.15** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and Green Sustainable Attributes (G.S.A.) page G-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date: MP 1/14/16

NOA No. 15-0512.24
Expiration Date: August 19, 2019
Approval Date: January 14, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA's No. 12-0713.09, 10-0426.07 and 05-0815.01)
2. Drawing No. **W04-44** titled "FX100 Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 05/29/04, with revision **J** dated 12/09/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6449**, dated 2/29/12, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 12-0713.09)
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) Kinetic Energy Drop Load Test (400 Ft. Lb.), per ANSI Z97.1
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6043**, dated 10/22/09, signed and sealed by Julio E. Gonzalez, P.E.
(Submitted under NOA No. 10-0426.07)
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
..3) Kinetic Energy Drop Load Test (400 Ft. Lb.), per ANSI Z97.1
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5866**, dated 10/09/09, signed and sealed by Michael R. Wenzel, P.E.
(Submitted under NOA No. 10-0426.07)



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 15-0512.24

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B. TESTS (CONTINUED)

4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4290** dated 08/16/04, **FTL-4294** dated 10/08/04 and **FTL-4296** dated 10/08/04, all signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0815.01)
5. 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 an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4293**, dated 10/08/04 and **FTL-4295**, dated 10/08/04, all signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0815.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 04/10/15 and 12/07/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
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. **14-0916.11** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "Butacite® PVB Glass Interlayer" dated 04/25/15, expiring on 12/11/16.



Manuel Perez, P.E.
Product Control Examiner
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F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated April 10, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letters for Test Report No. **FTL-6449**, dated 2/29/12, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E. *(Submitted under NOA No. 12-0713.09)*
3. Laboratory compliance letters for Test Report No. **FTL-6043**, dated 10/22/09, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Julio E. Gonzalez, P.E. *(Submitted under NOA No. 10-0426.07)*
4. Laboratory compliance letters for Test Report No. **FTL-5866**, dated 10/09/09, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Michael R. Wenzel, P.E. *(Submitted under previous NOA No. 10-0426.07)*
5. Laboratory compliance letters for Test Reports No. **FTL-4295**, dated 10/08/04, **FTL-4294** dated 10/08/04, **FTL-4290** dated 08/16/04, **FTL-4293** dated 10/08/04 and **FTL-4296**, dated 10/08/04, all issued by Fenestration Testing Laboratory, Inc., all signed and sealed by Edmundo J. Largaespada, P.E. *(Submitted under NOA No. 05-0815.01)*

G. OTHERS

1. Notice of Acceptance No. **13-1112.15**, issued to RC Home Showcase, Inc. for their Series "FX100" Aluminum Fixed Window - L.M.I., approved on 12/26/13 and expiring on 10/19/19.
2. Simulation Performance, Solar Heat Gain Coefficient, Visible Transmittance, & Condensation Resistance Calculation Report on:
 - 1) **NFRC 100-2004** "Procedure for Determining Fenestration Product U-Factors"
 - 2) **NFRC 200-2004** "Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence"
 - 3) **NFRC 500-2004** "Procedure for Determining Fenestration Product Condensation Resistance Values"Using computer simulation in accordance with NFRC: Frame and Edge Modeling: THERM 5.x, / WINDOW 5.x NFRC Simulation Manual (Approved at test date), of a RC Aluminum Series "CM100" outswing casement aluminum prime window, along with attached drawings and bill of materials included in Appendix A, marked-up by National Certified Testing Laboratories, Test Report No. **NCTL-110-12451.01**, pages 01 through 07 of 07, dated 11/13/09, signed by Richard A. McVicker III, Simulator, and Steven H. Coble, NFRC Accredited Simulator, Simulator-In-Responsible-Charge.


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G. OTHERS (CONTINUED)

3. NFRC 102-2004 Thermal Performance Test Report on:
 - 1) **NFRC 102-2004** "Test Procedure for Measuring the Steady State Thermal Transmittance of Fenestration Systems"
Test report of a series RC Aluminum's Series "CM100" Outswing Aluminum Casement Prime Window with Low E and Argon, along with submittal component drawings, with applicable part numbers, manufacturing and modeling details included in Appendix A, marked-up by National Certified Testing Laboratories, Test Report No. **NCTL-110-12450-1**, pages 1 through 4 of 4, dated 11/30/09, signed by Christian J. Mitchell, Technician, and Robert H. Zeiders, P.E., Vice-President Engineering & Quality Person-In-Responsible Charge.
4. Recycled Content Determination Report on:
Name: Casement Window, CM100
Raw Material: Aluminum
Including letter from **Fundiciones Industriales S.A. (FISA)** dated 03/22/10, certifying that the extruded aluminum products contained 30% recycled scrap material, signed by Henry Kronfle, Vice-President.



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GREEN SUSTAINABLE ATTRIBUTES (GSA)

SCOPE: This document is solely for the purpose of verification of Sustainable Attributes of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control.

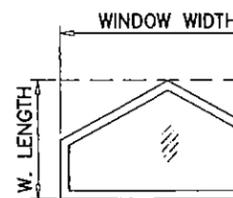
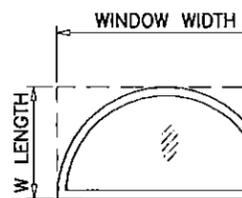
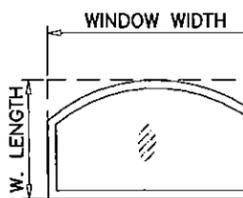
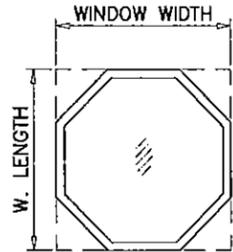
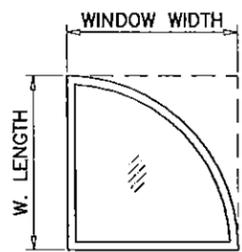
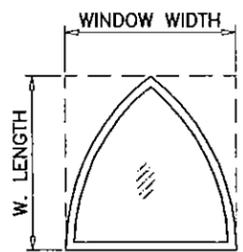
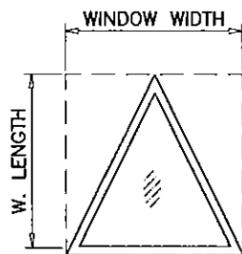
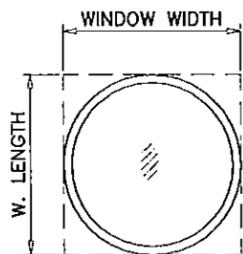
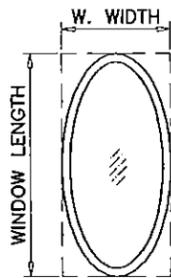
G.4 – RECYCLED CONTENT / BIO-BASED MATERIAL / RAPIDLY RENEWABLE MATERIAL				
<u>Component Name</u>	<u>% Recycled Content at Manuf.</u>	<u>% Recycled at Disposal</u>	<u>% Bio-based Material</u>	<u>% Renewable Material</u>
1. Window Aluminum	30%	100%	N/A	N/A

G.8 – U-FACTOR (THERMAL TRANSMITTANCE) BTU/HR-FT²-°F							
G.9 – SHGC-FACTOR (SOLAR HEAT GAIN COEFFICIENT) BTU/HR-FT²							
VT – VISIBLE LIGHT TRANSMITTANCE AT NORMAL INCIDENCE							
CR – CONDENSATION RESISTANCE							
<u>ID#</u>	<u>Test Report#:</u>	<u>Product Number</u>	<u>Glazing Components:</u>	<u>G.8: U-Factor</u>	<u>G.9: SHGC</u>	<u>VT</u>	<u>C R</u>
	Base line Product	000	5/32 CLR_240#2-SS-D_ARG_BRZ-1/8_090 PVB_1/8	0.48	0.23	0.24	16
1.	NCTL 110-12452-1	001	5/32 CLR_240#2-SS-D_ARG_BRZ-1/8_090 PVB_1/8	0.48	0.23	0.24	16
2.		002	5/32 CLR_240#2-SS-D_ARG_CLR-1/8_090 PVB_1/8	0.48	0.24	0.33	16
3.		003	5/32 CLR_240#2-SS-D_ARG_GRN-1/8_090 PVB_1/8	0.48	0.23	0.22	16
4.		004	5/32 CLR_240#2-SS-D_ARG_GRY-1/8_090 PVB_1/8	0.48	0.23	0.31	16

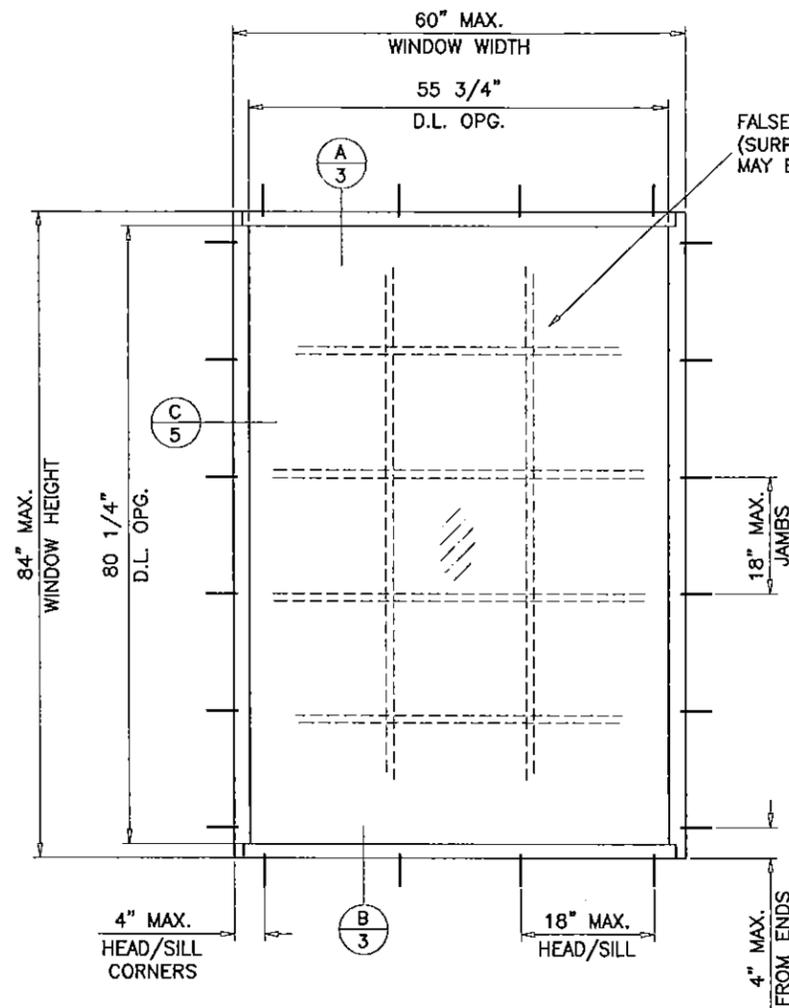
Legend	
<u>Abbreviations:</u>	<u>Description:</u>
SS-D	Desiccant-Filled Stainless Steel Spacer
240#2	Cardinal Low E 240 @ #2 Surface Typical
ARG	90% Argon
PVB	0.090" Poly Vinyl Butryal (PVB) interlayer
CLR	Clear Glass
BRZ	Bronze Tint Glass
GRN	Green Tint Glass
GRY	Gray Tint Glass

G.10 – C-FACTOR (THERMAL CONDUCTANCE) BTU/HR-FT²-°F	
<u>Component Name</u>	<u>C-Value</u>
1. Whole Window	0.95


 Manuel Perez, P.E.
 Product Control Examiner
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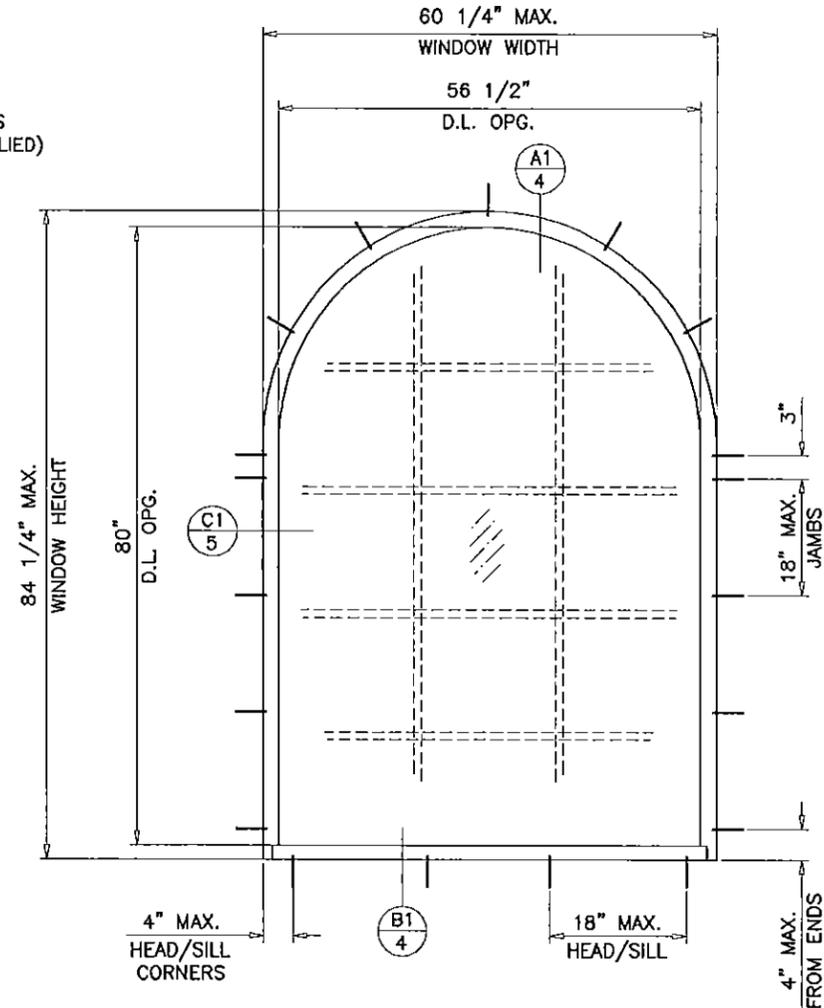


ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



FALSE MUNTINS (SURFACE APPLIED) MAY BE USED

TYPICAL ELEVATION TESTED UNITS



FX100 ALUMINUM FIXED WINDOWS

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE FIXED WINDOWS, ALSO COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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 FLORIDA BUILDING CODE.

THIS PRODUCT WITH GLASS TYPES 'C', 'D' & 'E' COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

DEC 18 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0512.24
Expiration Date Aug. 19, 2019
By *Manuel Jerez*
Miami Dade Product Control

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6878
COMP-ANL\W04-44RC

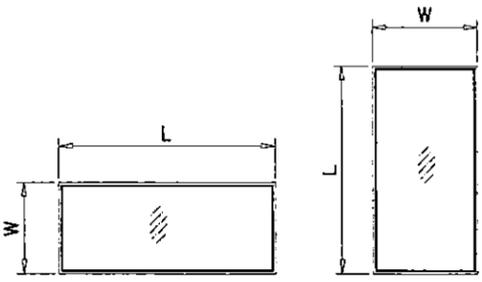
FX100 ALUMINUM FIXED WINDOW (L.M.I.)
RC Home Showcase, Inc.
16115 NW 52nd Ave.
Miami, FL 33014
TEL. (305) 392-6214 FAX. (305) 260-6432

no	date	description	by
F	12.09.09	GENERAL REVISION	
G	06.25.12	GENERAL REVISION	
H	10.10.13	MANUF. NAME REV.	
I	04.15.15	UPDATED TO 2014 FBC	
J	12.09.15	REV. PER PER COMMENTS	

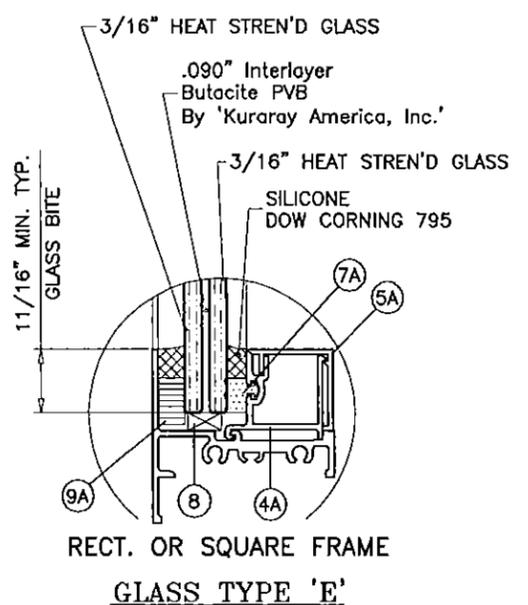
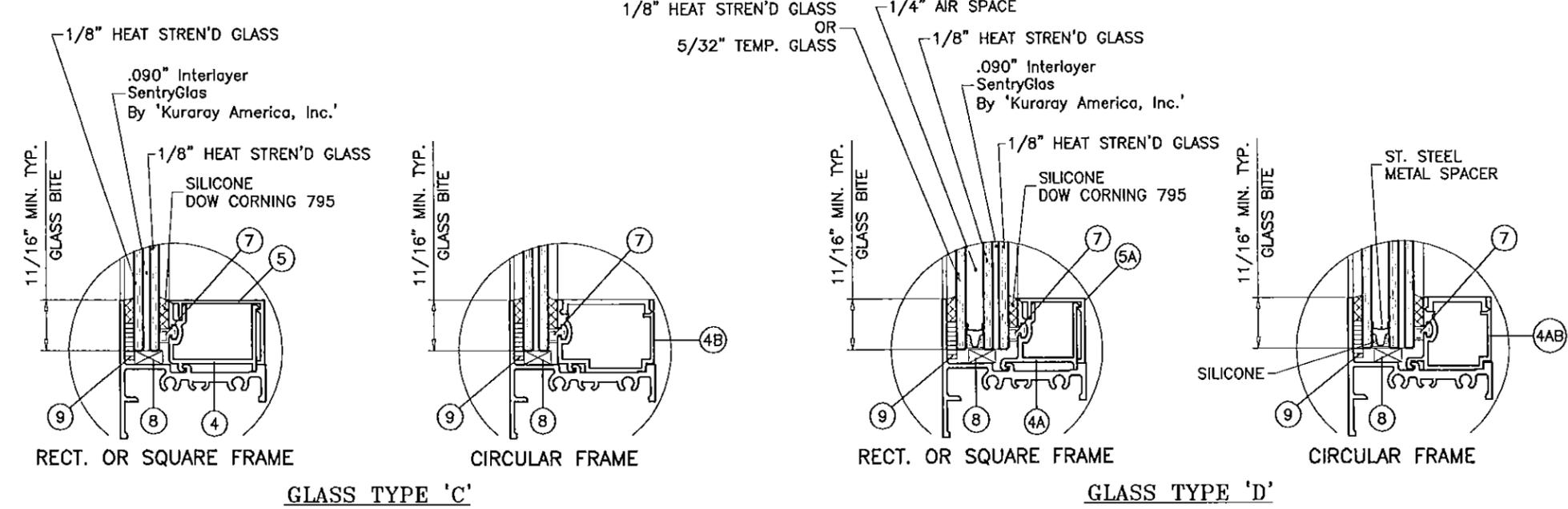
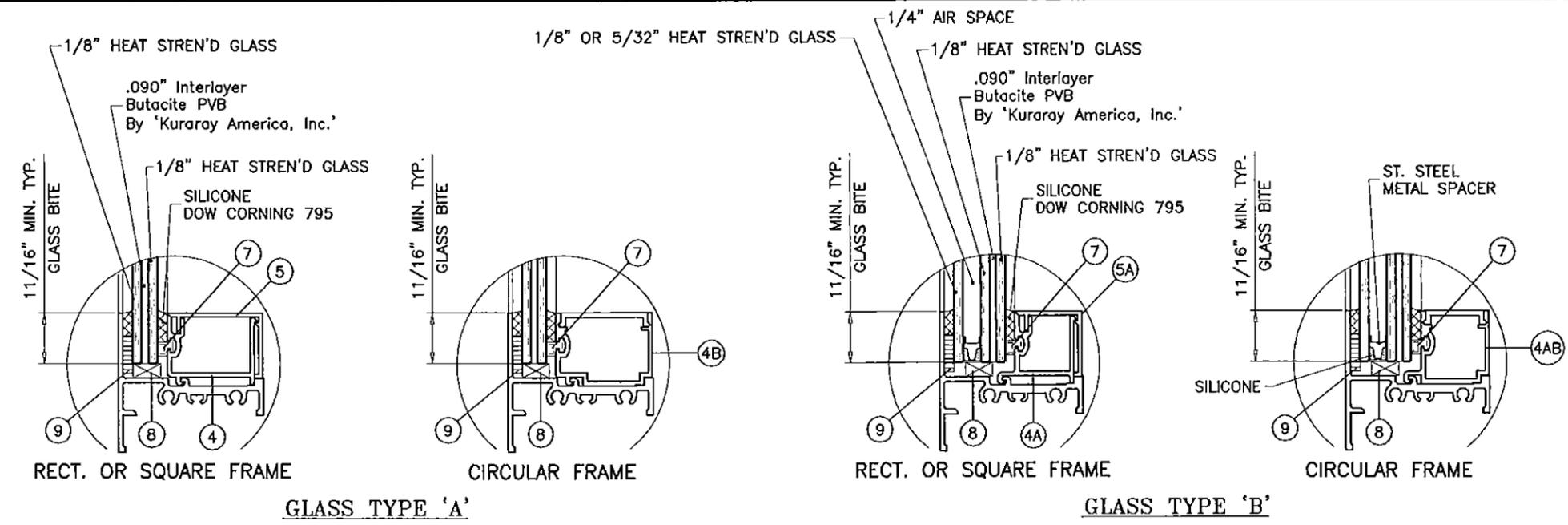
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scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-44
sheet 1 of 7

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A', 'B', 'C' & 'D'	GLASS TYPE 'E'
WIDTH	LENGTH	EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
19-1/8"	72"	80.0	80.0
24"		80.0	80.0
26-1/2"		80.0	80.0
30"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		-	80.0
19-1/8"	76"	80.0	80.0
24"		80.0	80.0
26-1/2"		80.0	80.0
30"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		-	80.0
19-1/8"	78"	-	80.0
24"		-	80.0
26-1/2"		-	80.0
30"		-	80.0
37"		-	80.0
42"		-	80.0
48"		-	80.0
53-1/8"		-	80.0
60"		-	80.0
19-1/8"	84"	-	80.0
24"		-	80.0
26-1/2"		-	80.0
30"		-	80.0
37"		-	80.0
42"		-	80.0
48"		-	80.0
53-1/8"		-	80.0
60"		-	80.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



NOTE:
IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING
EXTERIOR PLY OF GLASS TYPES 'B' & 'D' MUST BE TEMPERED.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 16 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **15-0512.24**
Expiration Date **Aug. 19, 2019**
By **Manuel Perez**
Miami Dade Product Control

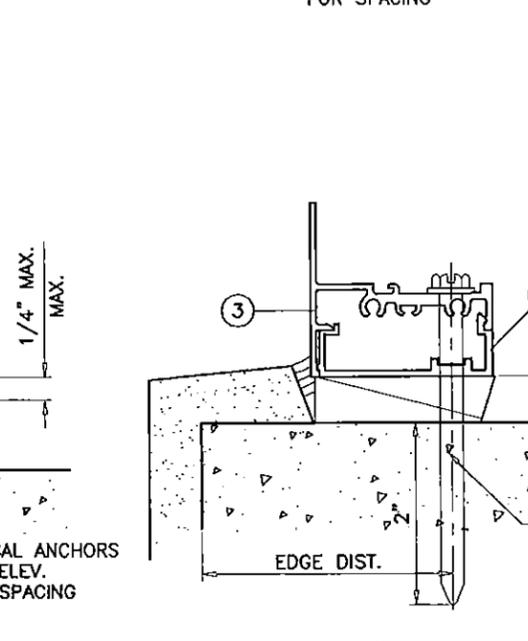
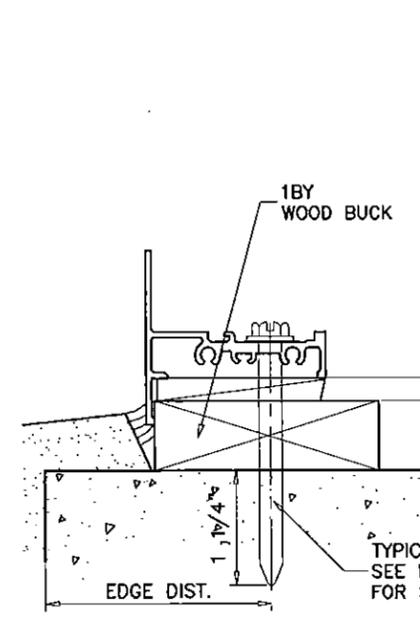
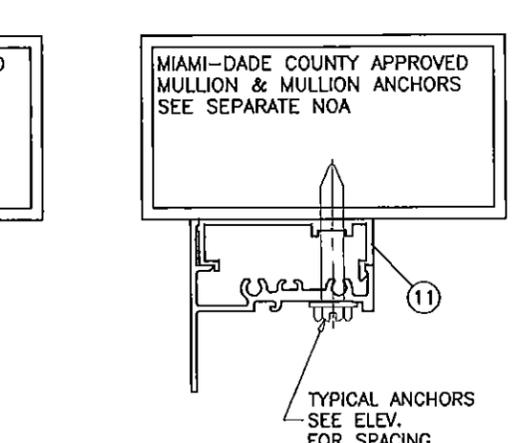
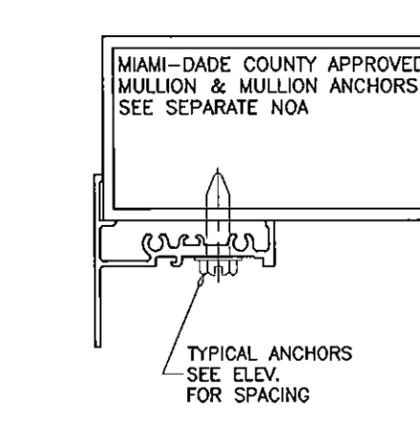
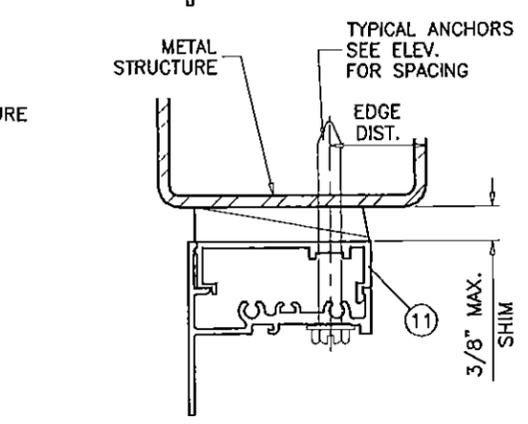
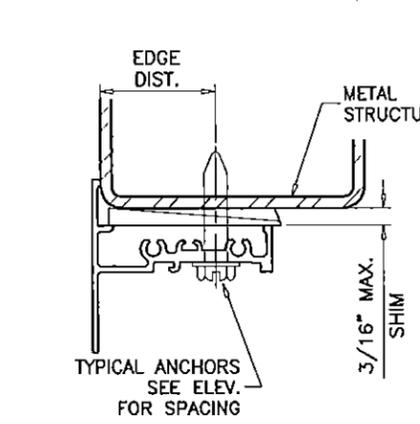
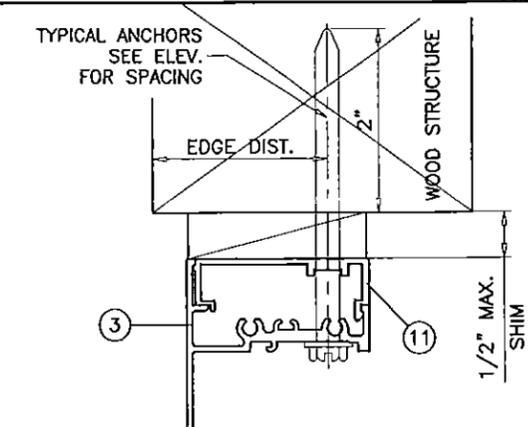
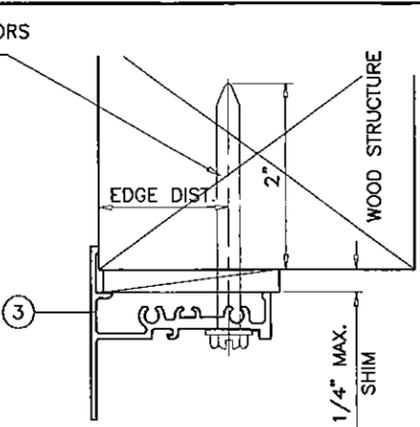
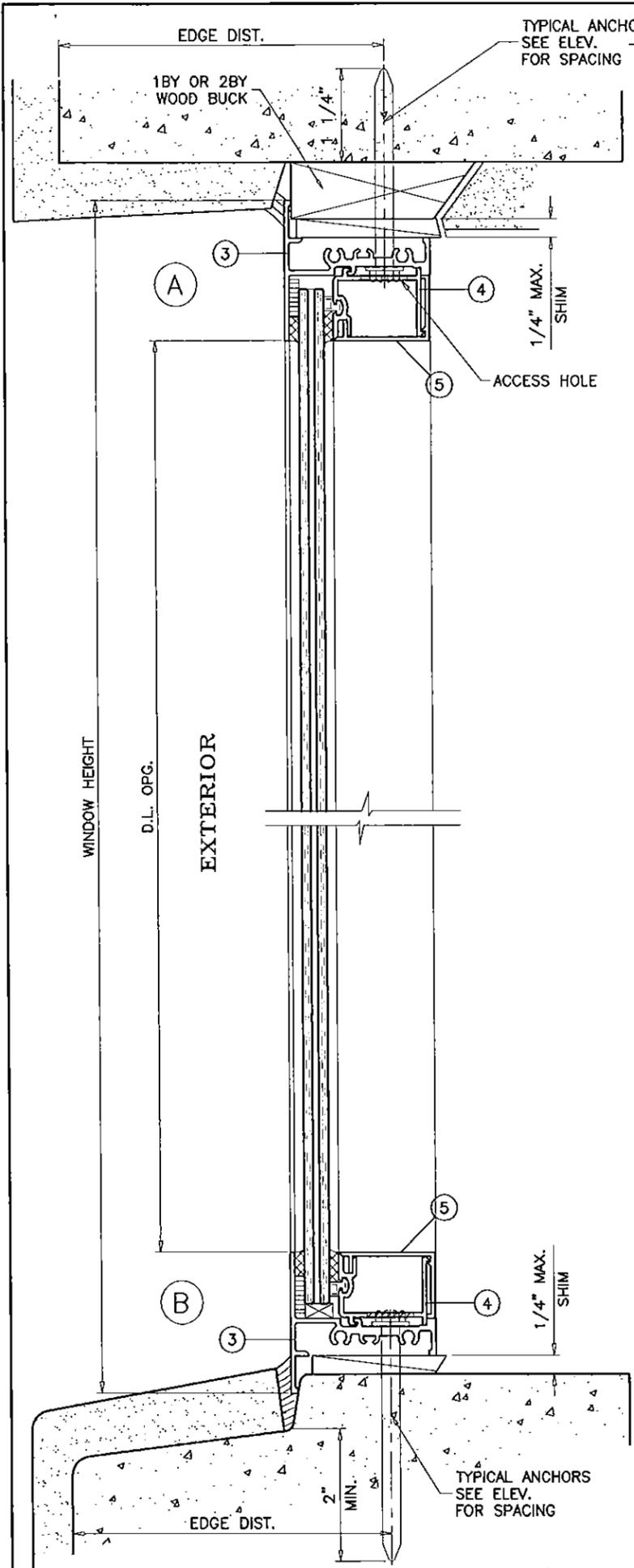
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-44RC

FX100 ALUMINUM FIXED WINDOW (L.M.I.)
RC Home Showcase, Inc.
16115 NW 52nd Ave.
Miami, FL. 33014
TEL. (305) 392-6214 FAX. (305) 260-6432

no	date	description
F	12.09.09	GENERAL REVISION
G	06.25.12	GENERAL REVISION
H	10.10.13	MANUF. NAME REV.
I	04.15.15	UPDATED TO 2014 FBC
J	12.09.15	REV. PER RFR COMMENTS

date: 05-29-04
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-44
sheet 2 of 7



WOOD BUCKS AND METAL STRUCTURE NOT BY RC HOME SHOWCASE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 1/4" HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI)

INTO WOOD STRUCTURES
 2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY OR 2 BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY
 2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 2" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

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

INTO METAL STRUCTURES
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 (NO SHIM SPACE)

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 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANTS:
 ALL FRAME AND VENT CORNERS SEALED WITH JOINT SEALANT.

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. # 5538
 DEC 16 2015

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 Expiration Date Aug. 19, 2019
 By Manuel Perez
 Miami Dade Product Control

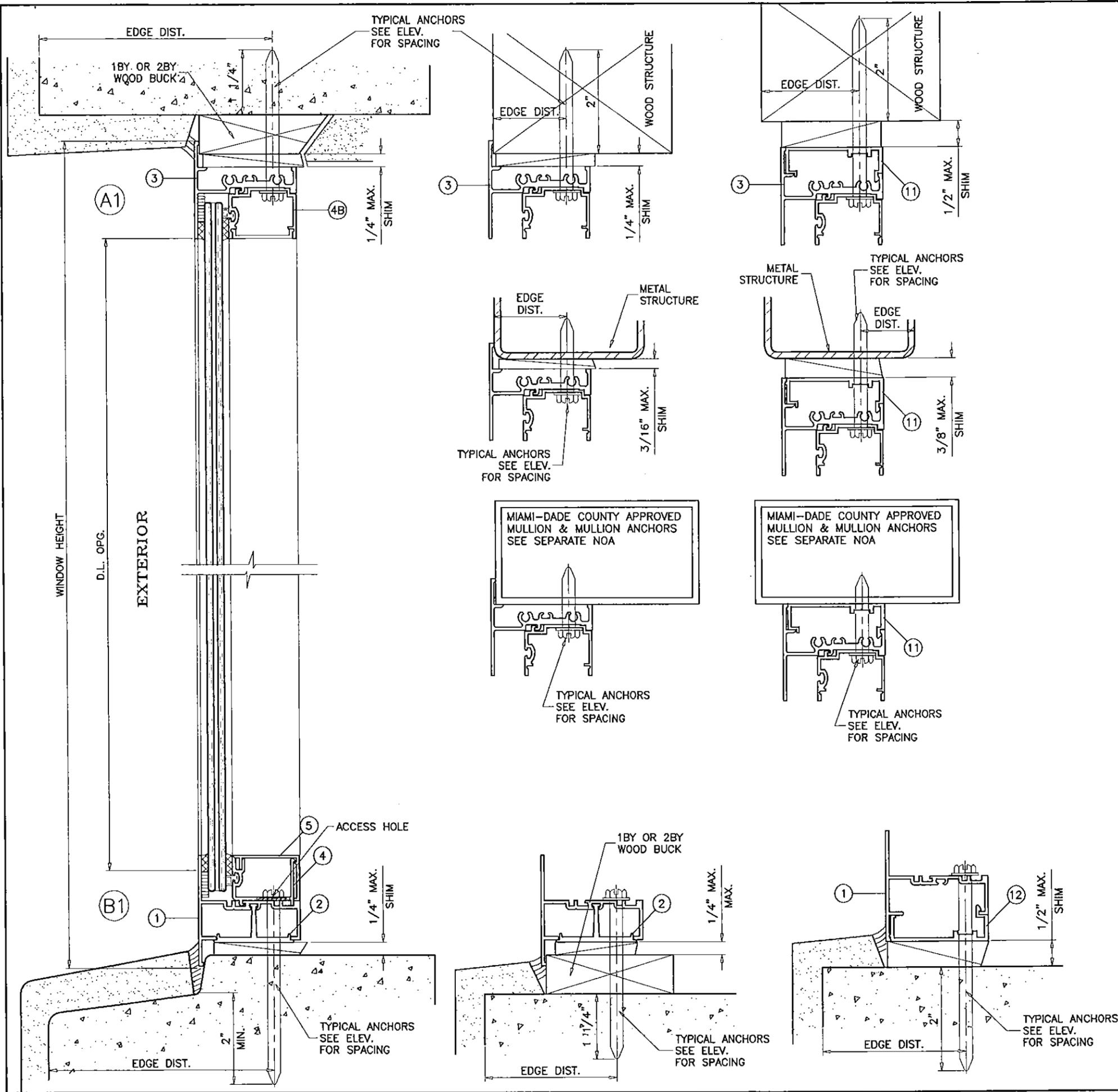
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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af c

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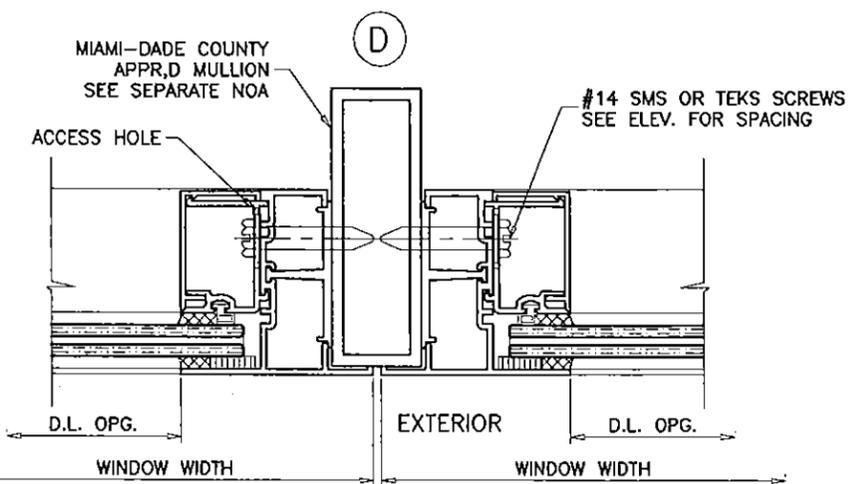
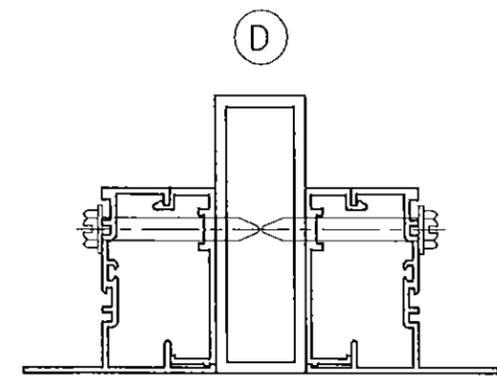
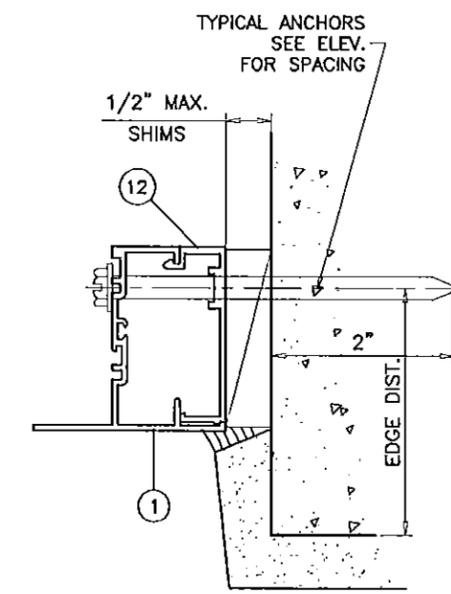
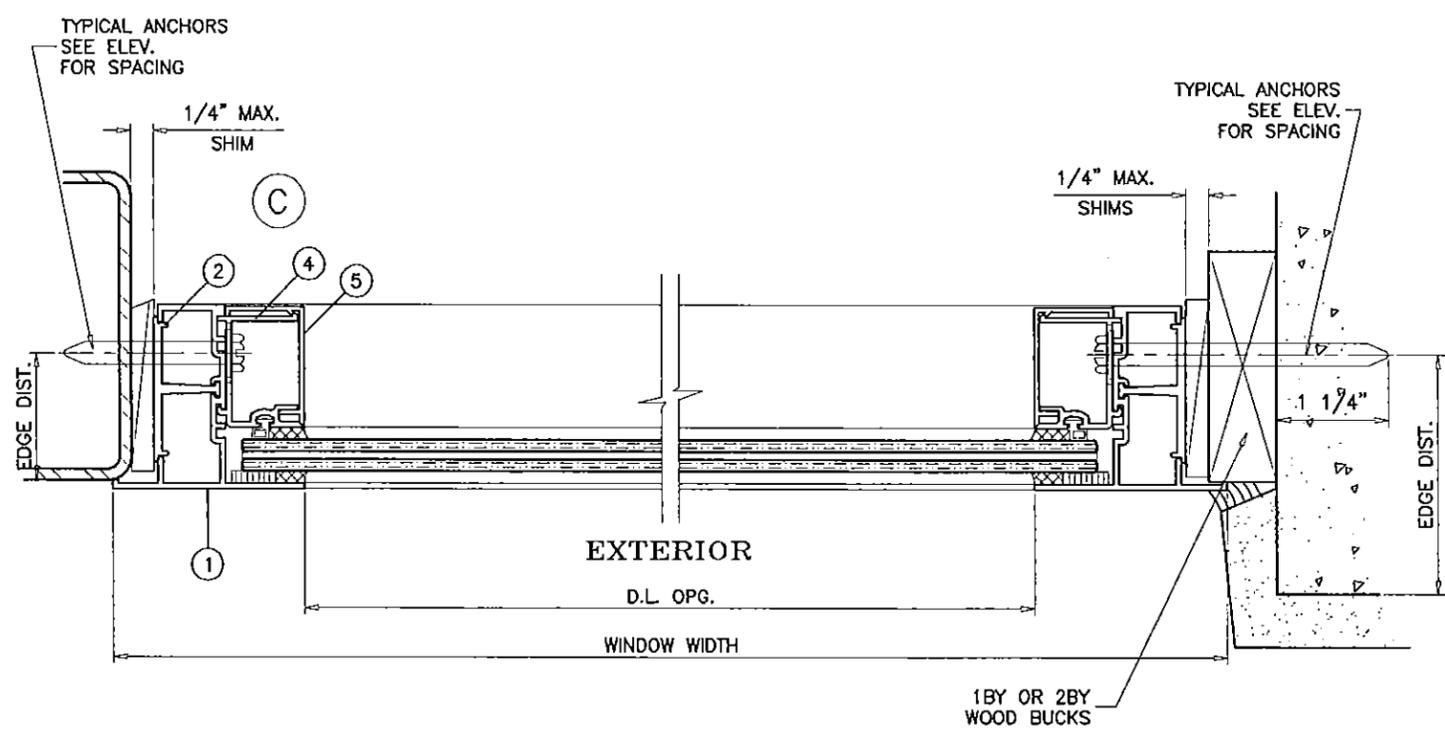
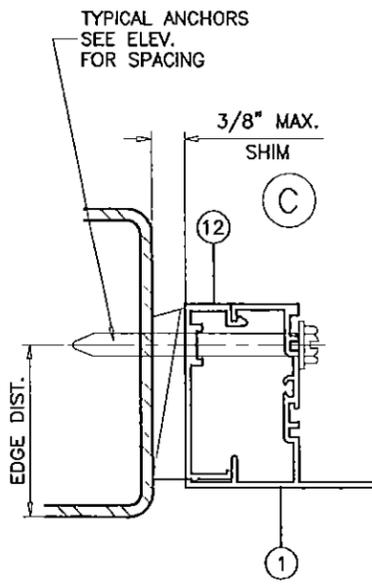
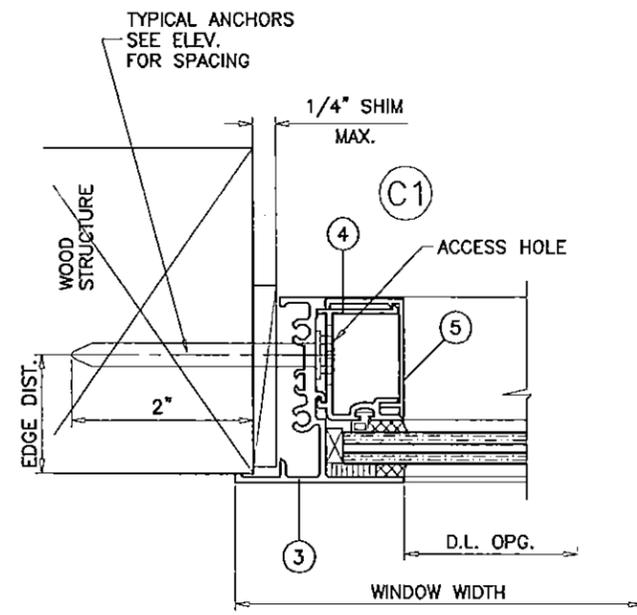
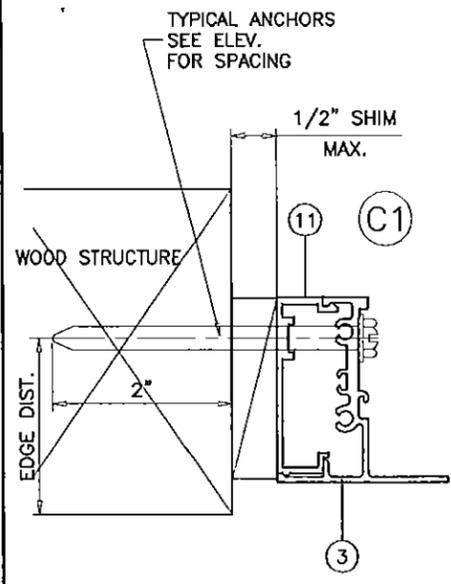
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Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
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DEC 16 2015

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By *Manuel Ferrer*
 Miami Dade Product Control

af c

AL-FAROOQ CORPORATION
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 COMP-ANL\W04-44RC

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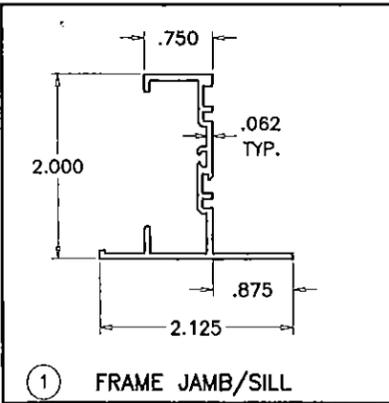
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Revisions:

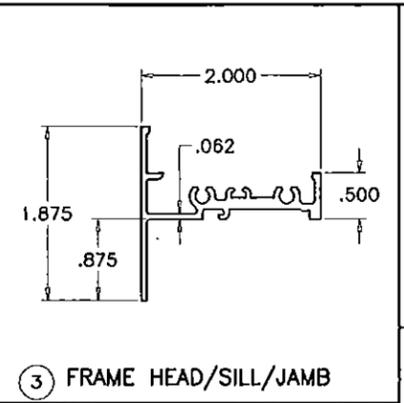
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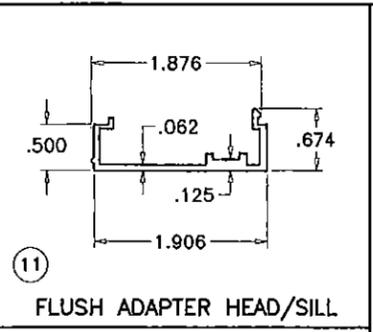
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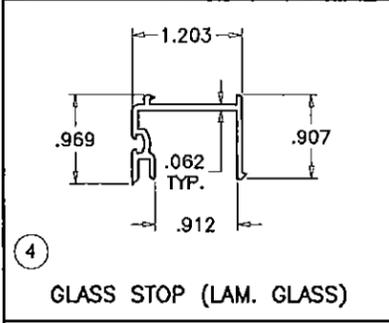
① FRAME JAMB/SILL



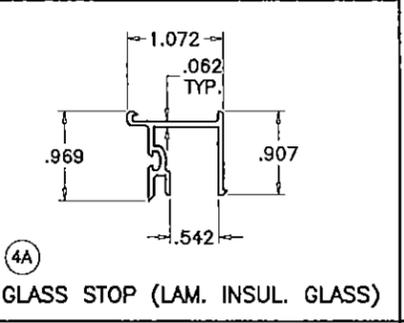
③ FRAME HEAD/SILL/JAMB



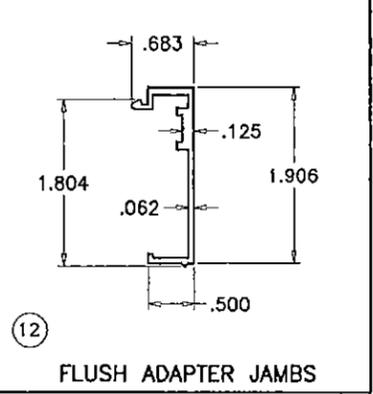
⑪ FLUSH ADAPTER HEAD/SILL



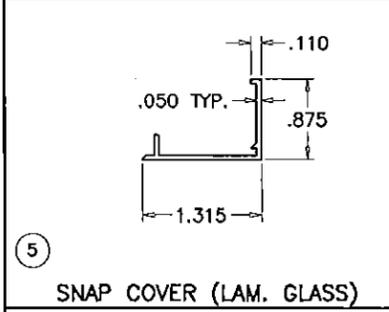
④ GLASS STOP (LAM. GLASS)



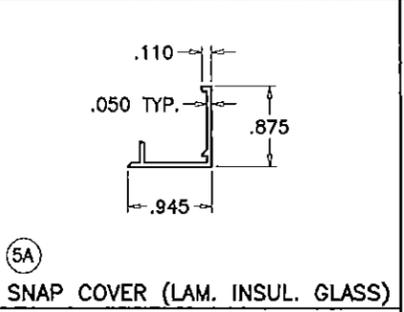
④A GLASS STOP (LAM. INSUL. GLASS)



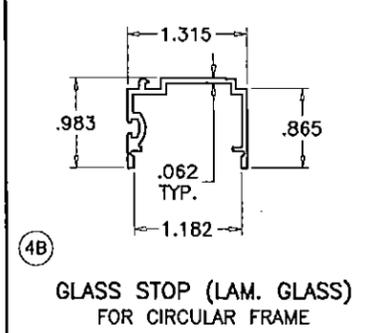
⑫ FLUSH ADAPTER JAMBS



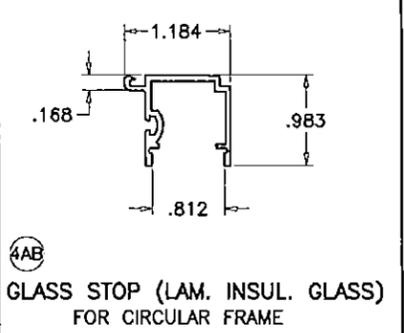
⑤ SNAP COVER (LAM. GLASS)



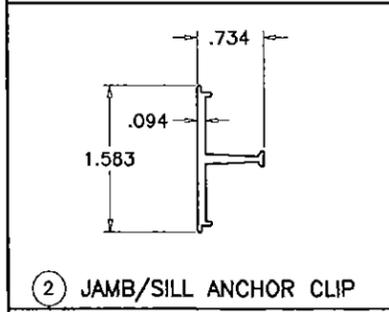
⑤A SNAP COVER (LAM. INSUL. GLASS)



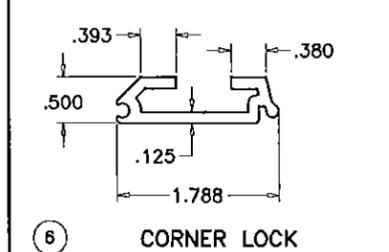
④B GLASS STOP (LAM. GLASS) FOR CIRCULAR FRAME



④AB GLASS STOP (LAM. INSUL. GLASS) FOR CIRCULAR FRAME

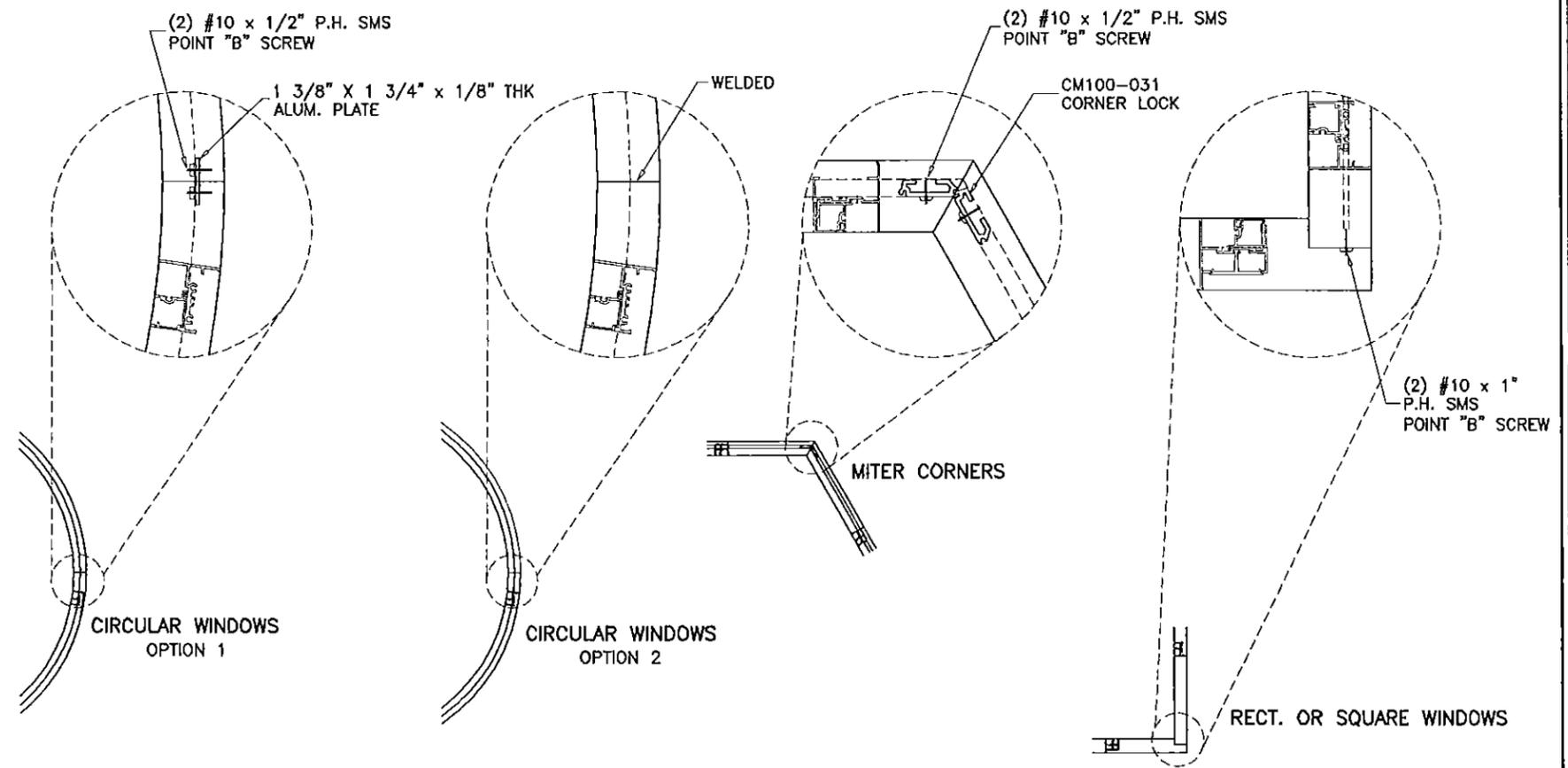


② JAMB/SILL ANCHOR CLIP



⑥ CORNER LOCK

ITEM NO.	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	CM100-007	AS REQD.	FRAME JAMB/SILL	6063-T6	FOR FIXED WINDOW
2	CM100-012	AS REQD.	JAMB/SILL ANCHOR CLIP	6063-T6	-
3	CM100-015	AS REQD.	FRAME HEAD/SILL/JAMB	6063-T6	-
4	CM100-016	4/ WDW	GLAZING BEAD (LAM. GLASS)	6063-T6	-
4A	CM100-017	4/ WDW	GLAZING BEAD (LAM. INS. GLASS)	6063-T6	-
4B	CM100-029	4/ WDW	GLAZING BEAD (LAM. GLASS)	6063-T6	FOR CIRCULAR FRAME
4AB	CM100-028	4/ WDW	GLAZING BEAD (LAM. INS. GLASS)	6063-T6	FOR CIRCULAR FRAME
5	CM100-018	4/ WDW	SNAP COVER (LAM. GLASS)	6063-T6	-
5A	CM100-019	4/ WDW	SNAP COVER (LAM. INSUL. GLASS)	6063-T6	-
6	CM100-031	AS REQD.	CORNER LOCK	6063-T6	-
7	V-059	AS REQD.	VINYL FOR 5/16" LAM. & INSUL. LAM. GLASS	PVC	-
7A	V-038	AS REQD.	VINYL FOR 7/16" LAM. GLASS	PVC	-
8		AS REQD.	3/16" X 3/8" X 4" LG. SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
9		AS REQD.	1/8" X 1/2" SINGLE FACE TAPE	-	-
9A		AS REQD.	5/16" X 1/2" SINGLE FACE TAPE	-	-
10	#10 X 1"	2/ CORNER	FRAME ASSEMBLY SCREW	ST. STEEL	PH PHL. SMS
11	CM100-035	AS REQD.	FLUSH ADAPTER HEAD/SILL	6063-T6	-
12	CM100-034	AS REQD.	FLUSH ADAPTER JAMBS	6063-T6	-



FRAME CORNERS

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By: *Manuel Perez*
 Miami/Dade Product Control

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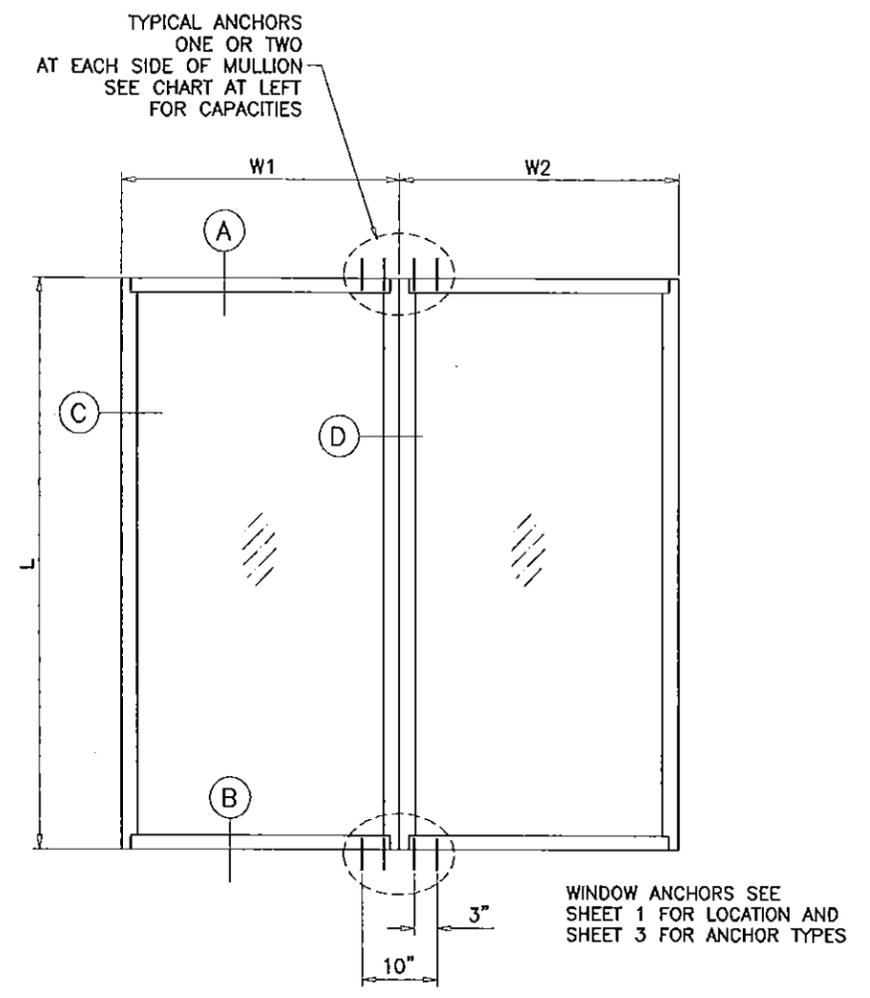
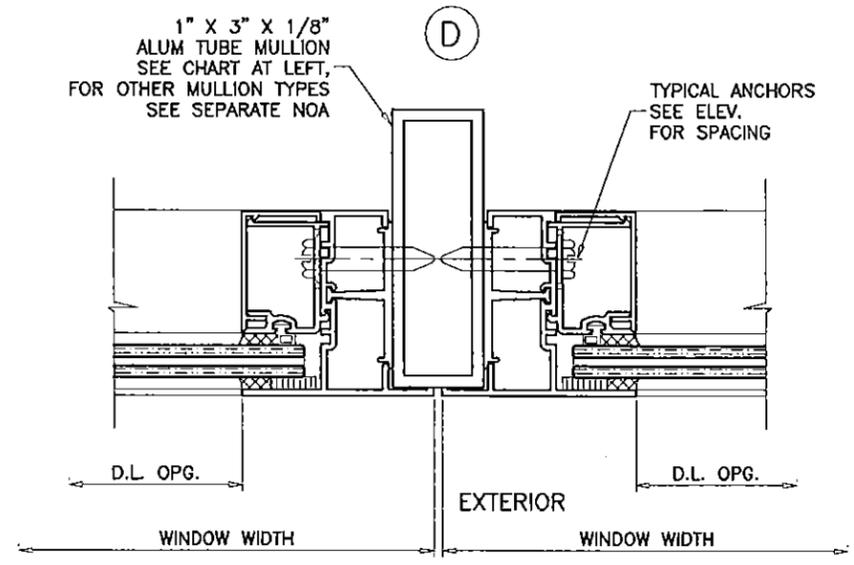
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 sheet 6 of 7

DESIGN LOAD CAPACITY - PSF SIDE/SIDE OR TOP/BOTTOM WINDOWS			
WINDOW DIMS.		ONE ANCHOR AT EACH SIDE OF MULLION	TWO ANCHORS AT EACH SIDE OF MULLION
WIDTH (W)	LENGTH (L)	EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
19-1/8"	38-3/8"	80.0	80.0
24"		80.0	80.0
26-1/2"		80.0	80.0
30"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
19-1/8"	48"	80.0	80.0
24"		72.5	80.0
26-1/2"		72.5	80.0
30"		72.5	80.0
37"		70.5	80.0
42"		62.1	80.0
48"		62.1	80.0
53-1/8"		62.1	80.0
19-1/8"	50-5/8"	80.0	80.0
24"		68.7	80.0
26-1/2"		68.7	80.0
30"		68.7	80.0
37"		66.8	80.0
42"		58.9	80.0
48"		58.9	80.0
53-1/8"		58.9	80.0
19-1/8"	60"	72.7	80.0
24"		58.0	80.0
26-1/2"		58.0	80.0
30"		58.0	80.0
37"		56.4	80.0
42"		49.7	80.0
19-1/8"	63"	69.3	80.0
24"		55.2	80.0
26-1/2"		55.2	80.0
30"		55.2	80.0
37"		53.7	80.0
42"	47.3	78.9	
19-1/8"	66"	66.1	80.0
24"		52.7	80.0
26-1/2"		52.7	80.0
30"		52.7	80.0
37"	51.3	80.0	
19-1/8"	72"	60.6	80.0
24"		48.3	80.0
26-1/2"		48.3	80.0
30"		48.3	77.3
37"	47.0	77.3	
19-1/8"	74-1/4"	58.8	80.0
24"		46.8	80.0
26-1/2"		46.8	80.0
30"		46.8	74.9
37"	45.6	74.9	



TYPICAL ELEVATIONS
SIDE BY SIDE WINDOWS
SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

$$WIDTH (W) = \frac{W1 + W2}{2}$$

- NOTES:**
1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF 1X3 WINDOW MULLION.
 2. FOR FIXED WINDOW CAPACITY SEE SHEET 2.
 3. FOR OTHER MULLION TYPES SEE SEPARATE NOA.
 4. USE SMALLER DESIGN LOAD CAPACITY OF 1, 2 OR 3 ABOVE.

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By *Muhammad Jereez*
Miami Dade Product Control

af c

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