



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

Curv-A-Tech Corporation
930 West 23rd Street
Hialeah, FL 33010

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 "715" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W12-39**, titled "Series 715 Aluminum Window Wall System (L.M.I.)", sheets 1 through 5 of 5, dated 07/16/12, with revision **B** dated 03/05/15, 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, 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. **12-0808.04** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



Handwritten signature and date: 7/16/15

NOA No. 15-0409.17
Expiration Date: January 17, 2018
Approval Date: July 23, 2015
Page 1

Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 12-0808.04)
2. Drawing No. **W12-39**, titled "Series 715 Aluminum Window Wall System (L.M.I.)" sheets 1 through 5 of 5, dated 07/16/12, with revision **B** dated 03/05/15, 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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a series 715 outswing aluminum entrance door and window wall system, prepared by Fenestration Testing Laboratories, Inc., Test Report No. **FTL-6749**, dated 03/12/12, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under previous NOA No. 12-0808.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying with **FBC 5th Edition (2014)**, dated 03/04/15 and 07/13/15, 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. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 15-0409.17

Expiration Date: January 17, 2018
Approval Date: July 23, 2015

Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated March 04, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

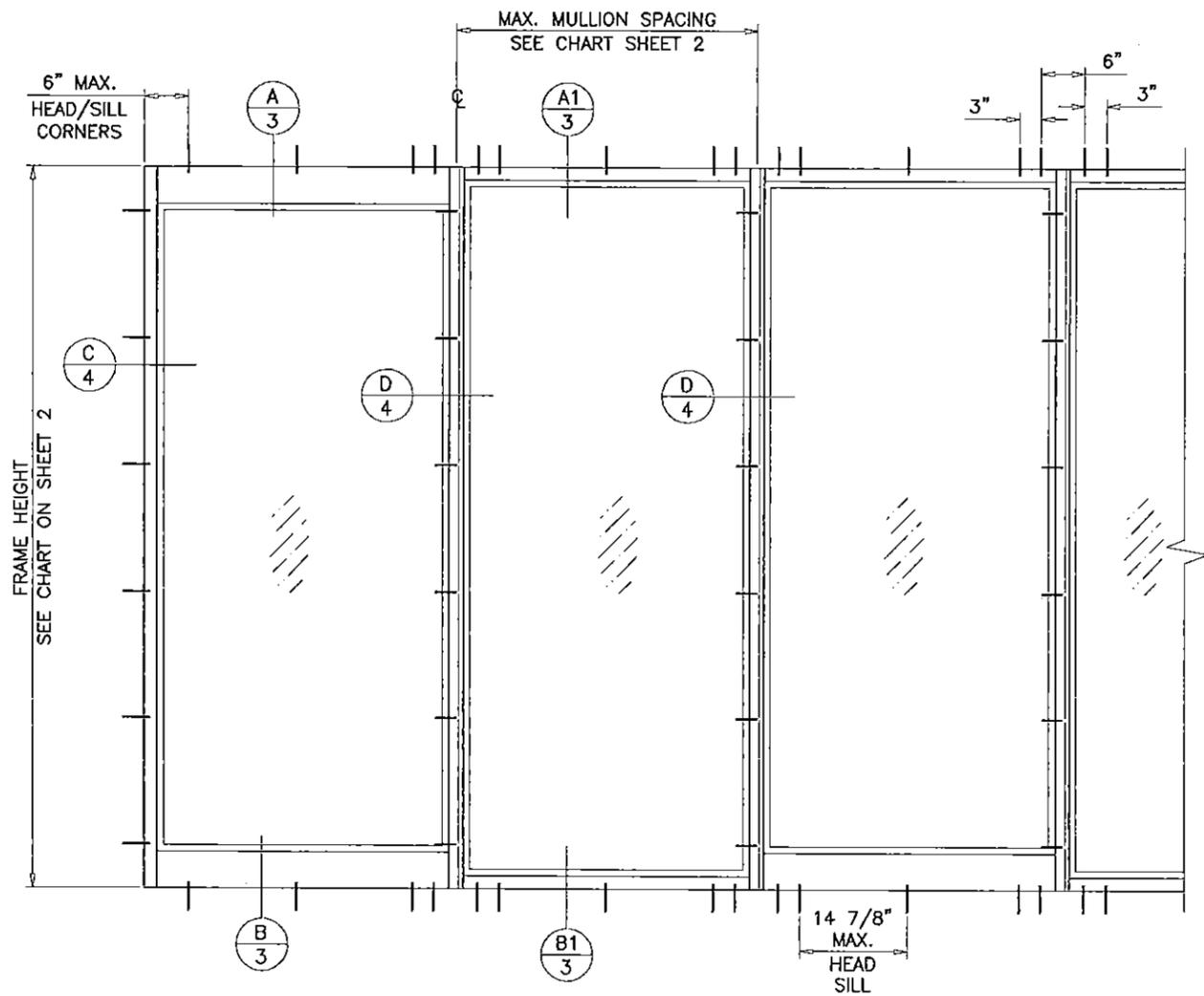
1. Notice of Acceptance No. **12-0808.04**, issued to Curv-A-Tech Corporation for their Series "715" Aluminum Window Wall System - L.M.I., approved on 01/17/13 and expiring on 01/17/18.



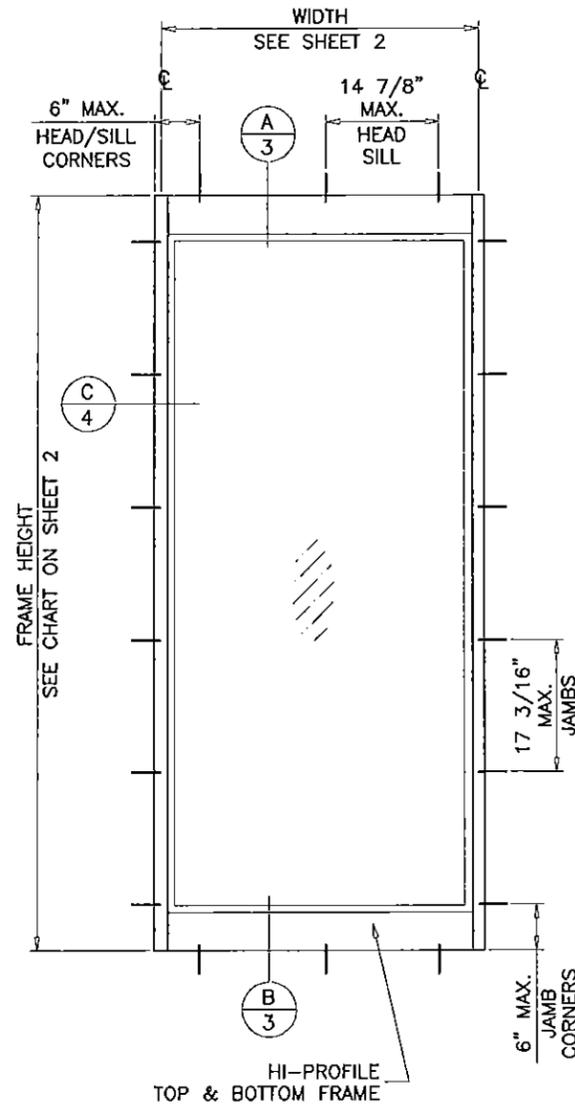
Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0409.17

Expiration Date: January 17, 2018

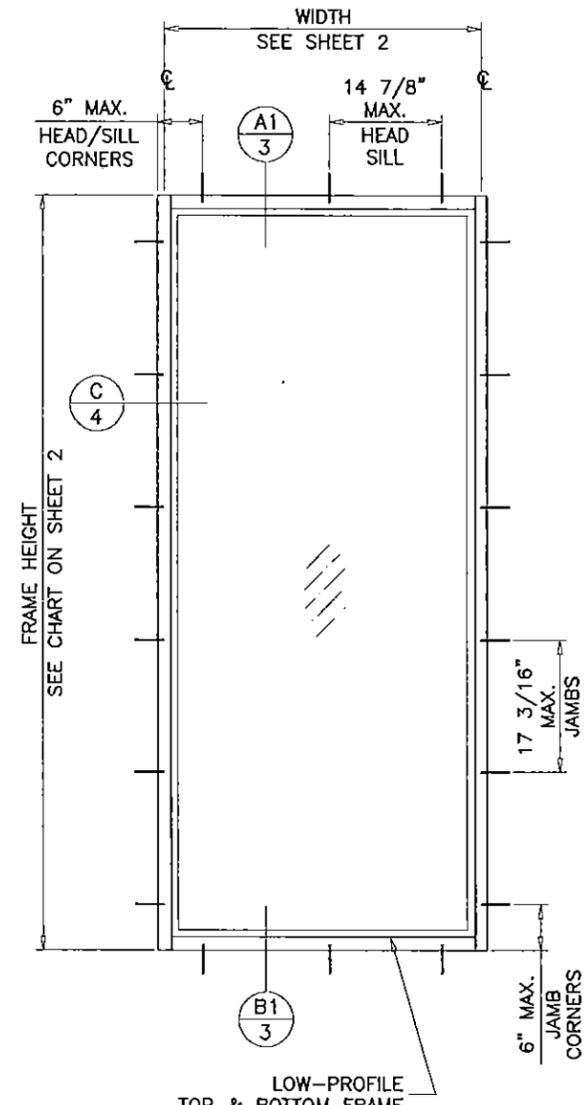
Approval Date: July 23, 2015



TYPICAL ELEVATIONS



HI-PROFILE TOP & BOTTOM FRAME



LOW-PROFILE TOP & BOTTOM FRAME

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 715 ALUMINUM WINDOW WALL SYSTEM

DESIGN LOAD RATING FOR THIS SYSTEM TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE OR MULTIPLE FIXED LITES.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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.

SINGLE 'O' PANEL, GLASS D.L.O. DIMS.

D.L.O. HEIGHT (HIGH PROFILE FRAME) = FRAME HEIGHT - 11.8125"

D.L.O. HEIGHT (LOW PROFILE FRAME) = FRAME HEIGHT - 5.250"

D.L.O. WIDTH = FRAME WIDTH - 5.3125"

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No. 15-0409

Expiration Date 01/17/2018

By *Manuel Cruz*
Miami Dade Product Control

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHART ON SHEET 2.
- STEP 3** WINDOW WALL SYSTEM CAPACITY SHOULD NOT EXCEED DESIGN LOADS FROM STEP 1 ABOVE.

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

MAR 20 2015

THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W12-39CTC

SERIES 715 ALUMINUM WINDOW WALL SYSTEM (L.M.I.)
CURV-A-TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL. (305) 888-9631 FAX. (305) 888-9969

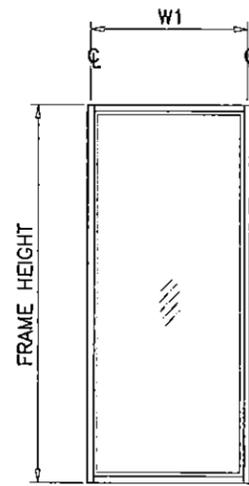
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B	03.05.15	UPDATED TO 2014 FBC

date: 07-16-12
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

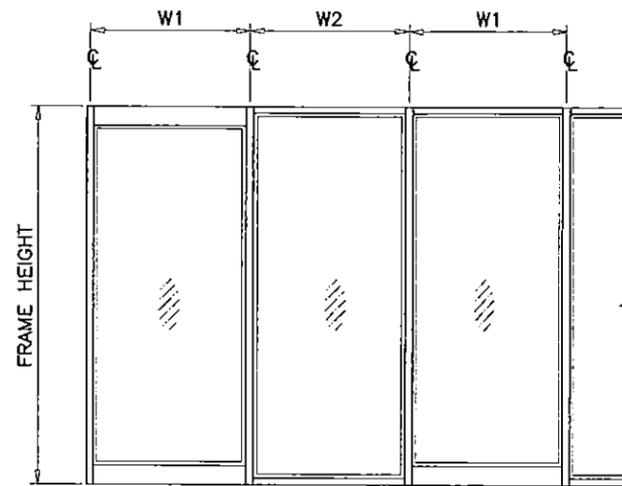
drawing no.
W12-39

sheet 1 of 5

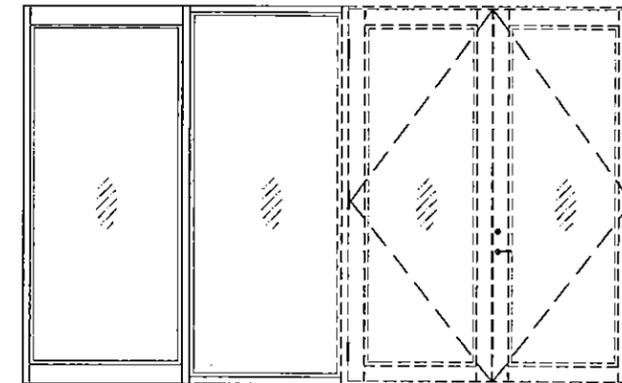
DESIGN LOAD CAPACITY - PSF					
NOMINAL DIMS.		MULLION W/O REINF.		MULLION WITH REINF.	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	80"	65.0	70.0	65.0	70.0
30"		65.0	70.0	65.0	70.0
36"		65.0	70.0	65.0	70.0
42"		65.0	70.0	65.0	70.0
48"		56.9	61.3	56.9	61.3
24"	84"	65.0	70.0	65.0	70.0
30"		65.0	70.0	65.0	70.0
36"		65.0	70.0	65.0	70.0
42"		65.0	70.0	65.0	70.0
48"		56.9	61.3	56.9	61.3
24"	90"	65.0	70.0	65.0	70.0
30"		65.0	70.0	65.0	70.0
36"		65.0	70.0	65.0	70.0
42"		65.0	65.9	65.0	70.0
45"		60.7	62.3	60.7	65.3
24"	96"	65.0	70.0	65.0	70.0
30"		65.0	70.0	65.0	70.0
36"		61.3	61.3	65.0	70.0
42"		53.7	53.7	65.0	70.0
24"	98"	65.0	70.0	65.0	70.0
30"		65.0	67.8	65.0	70.0
36"		57.5	57.5	65.0	70.0
42"		50.3	50.3	65.0	70.0



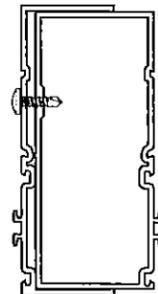
WIDTH (W) = W1



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

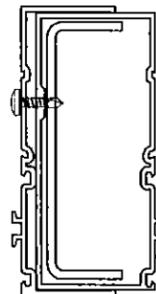


THIS SYSTEM MAY BE USED IN CONJUNCTION WITH SERIES 715 FRENCH DOORS. SEE SEPARATE NOA FOR DOOR AND DOOR MULLION CAPACITY.



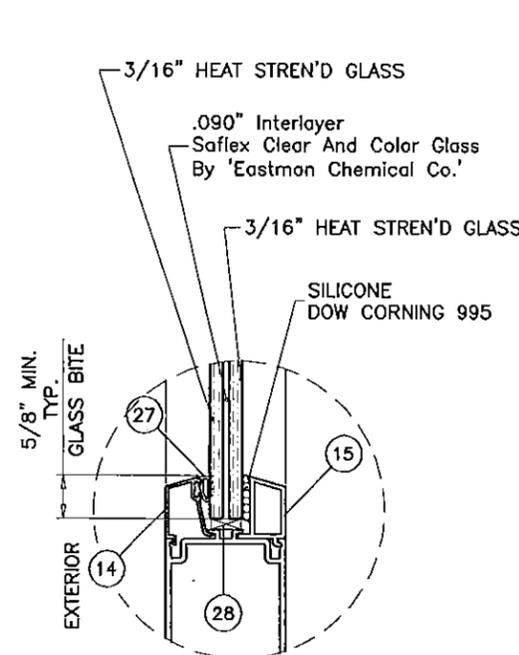
MULLION W/O REINF.

Ix IN ⁴	Sx IN ³
3.009	1.4993

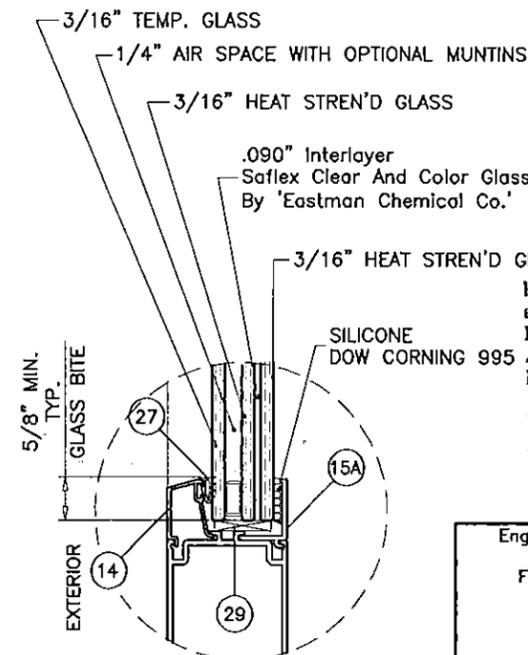


MULLION WITH REINF.

Ix IN ⁴	Sx IN ³
4.295	1.944



7/16" LAM. GLASS



7/8" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

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

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 15-0409.17
Expiration Date 2/17/2018
By *Manuel Perez*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
Manuel Perez
MAR 20 2015

afC

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W12-39CTC

SERIES 715 ALUMINUM WINDOW WALL SYSTEM (L.M.I.)

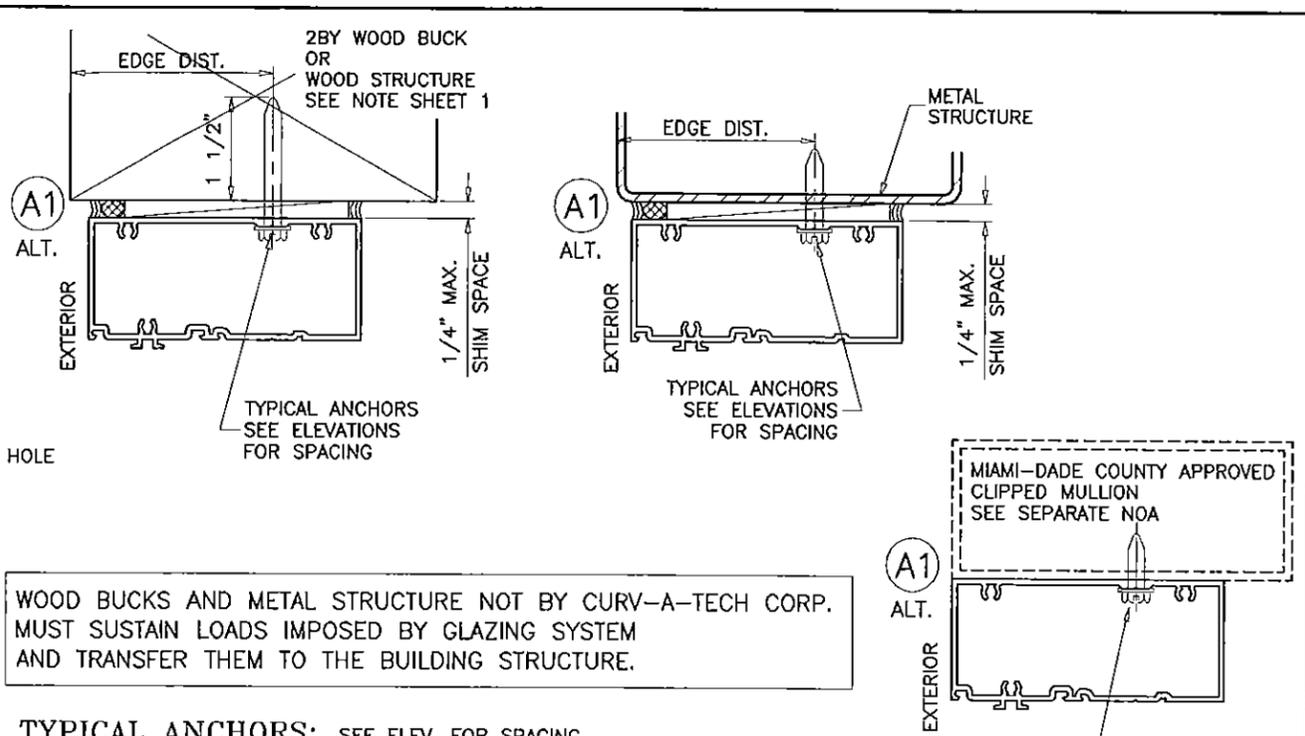
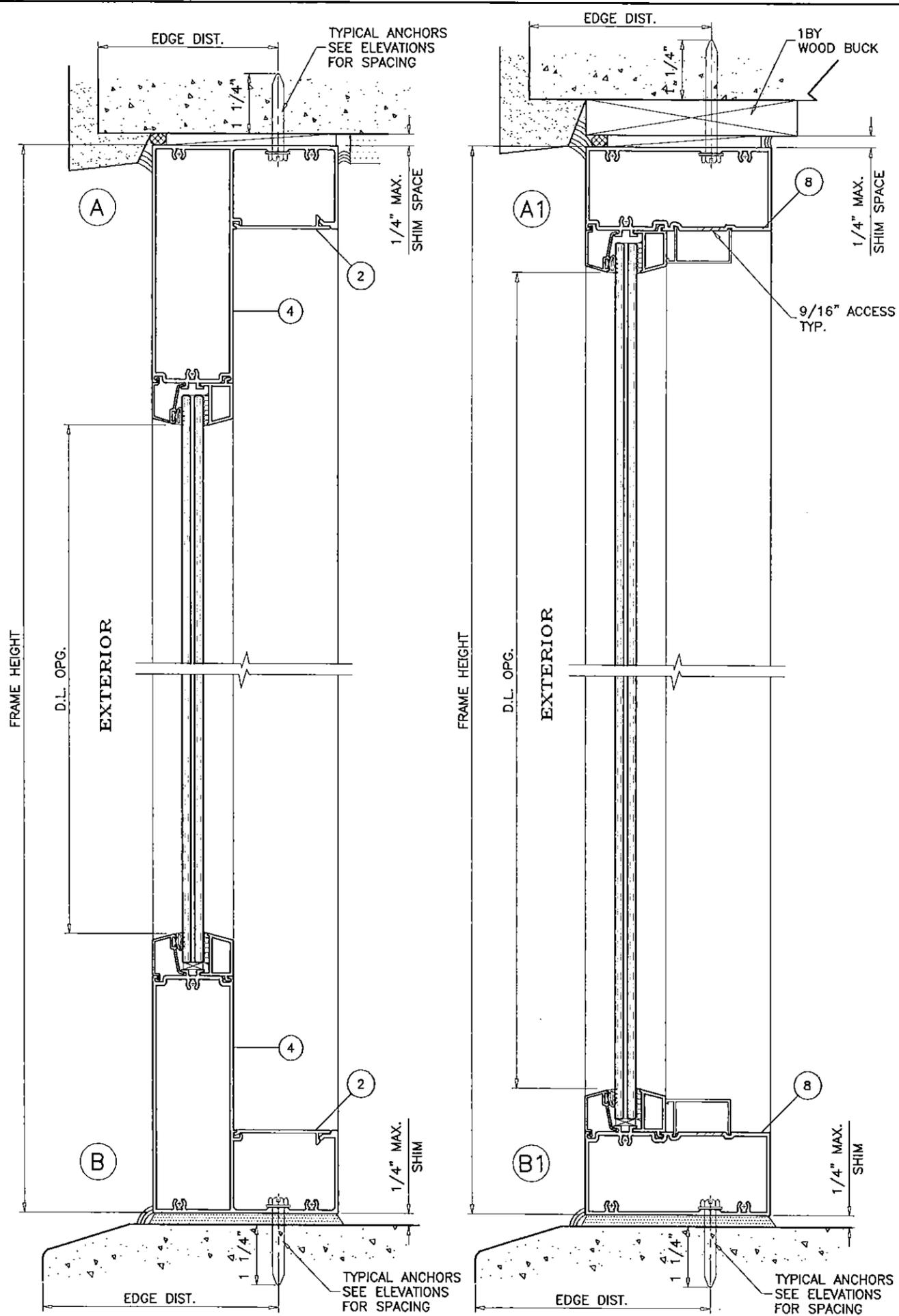
CURV-A-TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL. (305) 888-9631 FAX. (305) 888-9969

no.	date	description
A	11.30.12	NO CHANGE THIS SHEET
B	03.05.15	UPDATED TO 2014 FBC

date: 07-16-12	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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drawing no. **W12-39**

sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH CORP. 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)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
 #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 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)

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 OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.

SEALANTS:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-040917
 Expiration Date 02/17/2018
 By *Manuel Perry*
 Miami Trade Product Control

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

 MAR 20 2015

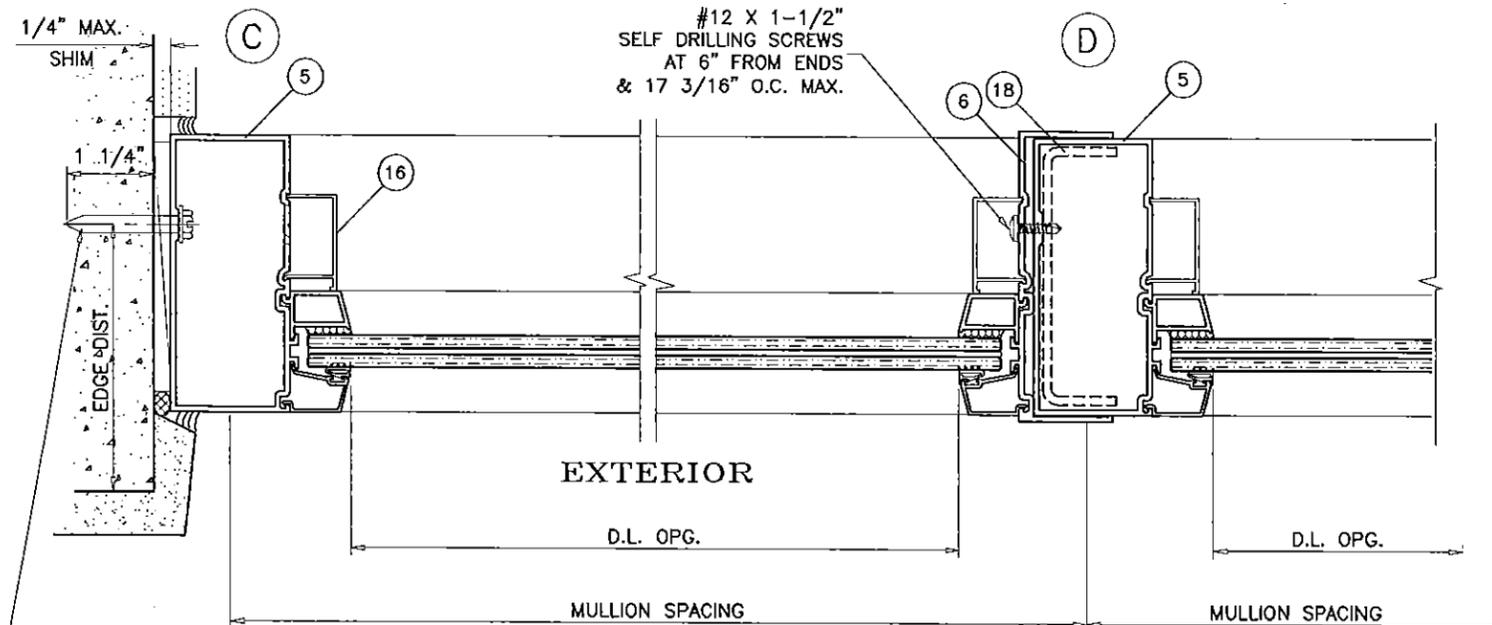
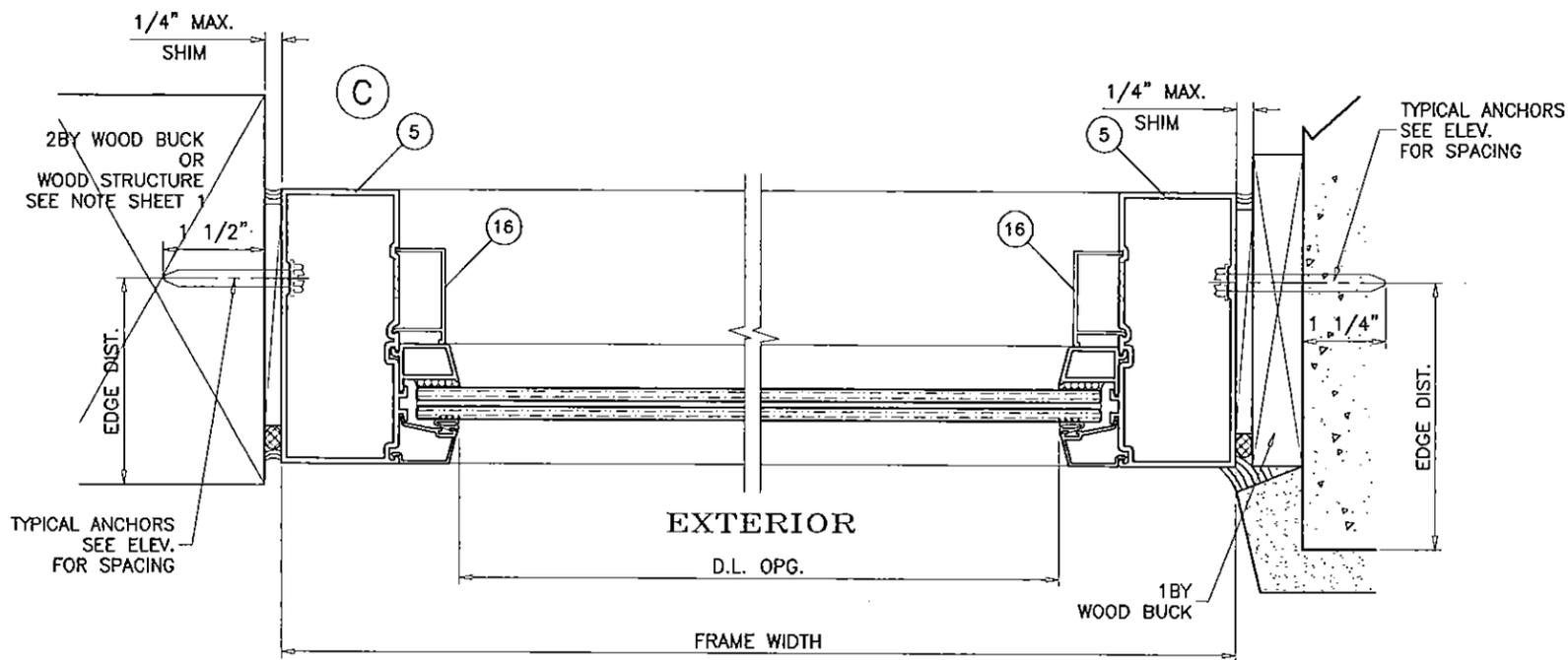
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W12-39CTC

SERIES 715 ALUMINUM WINDOW WALL SYSTEM (L.M.I.)
CURV-A-TECH CORPORATION
 930 W. 23rd STREET
 HIALEAH, FL 33010
 TEL. (305) 888-9631 FAX. (305) 888-9969

no	date	description
A	11.30.12	REV. PER RER COMMENTS
B	03.05.15	UPDATED TO 2014 FBC

date: 07-16-12
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W12-39
 sheet 3 of 5



afc

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no	date	description
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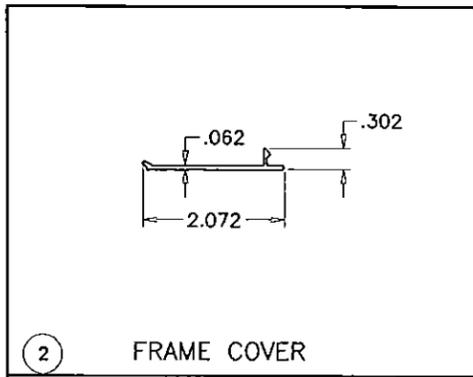
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 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W12-39
 sheet 4 of 5

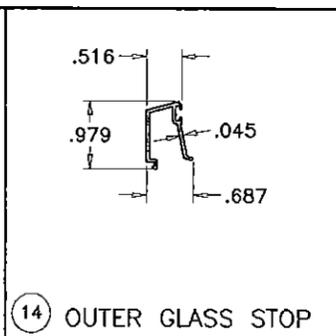
PRODUCT REVISED
 as complying with the Florida
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 Acceptance No **15-0409.17**
 Expiration Date **01/17/2018**
 By *Manuel Perez*
 Miami Dade Product Control

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

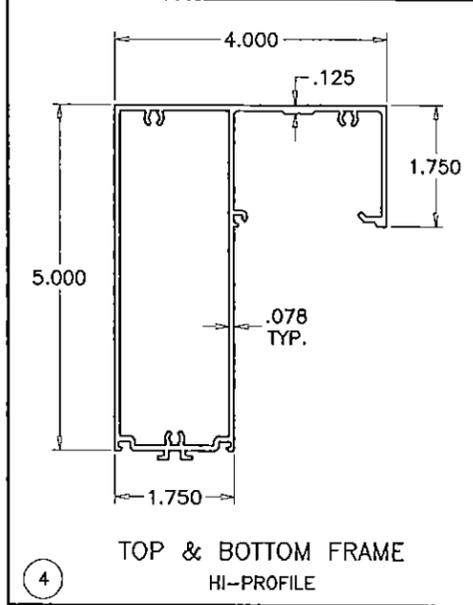
 MAR 20 2015



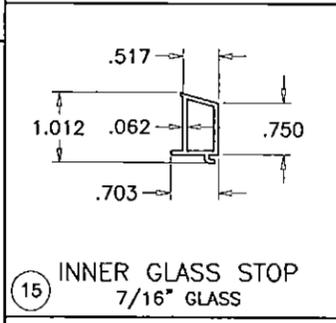
2 FRAME COVER



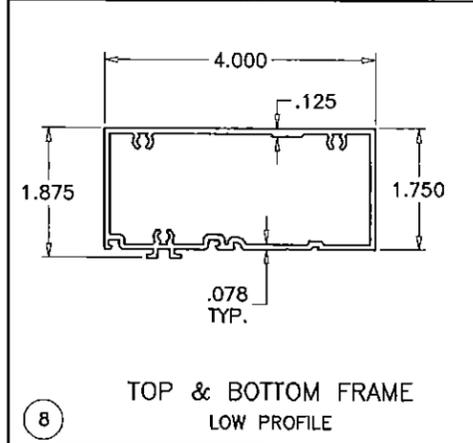
14 OUTER GLASS STOP



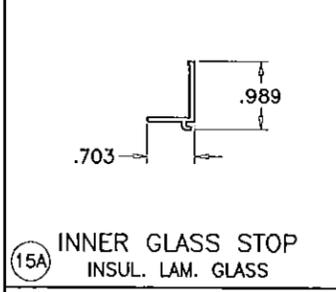
4 TOP & BOTTOM FRAME HI-PROFILE



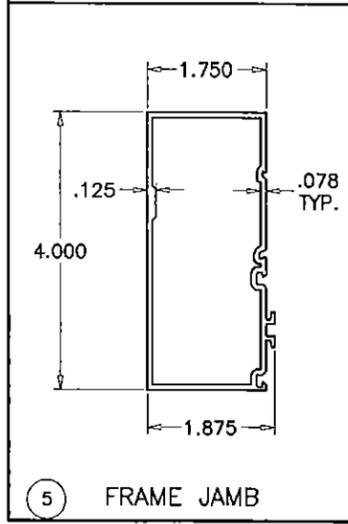
15 INNER GLASS STOP 7/16" GLASS



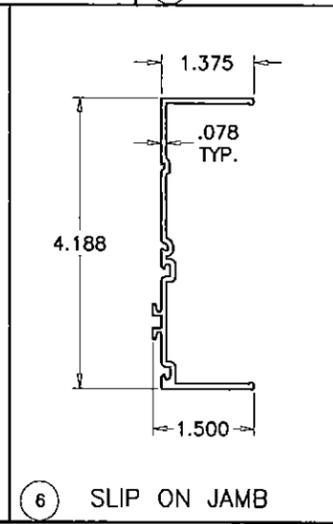
8 TOP & BOTTOM FRAME LOW PROFILE



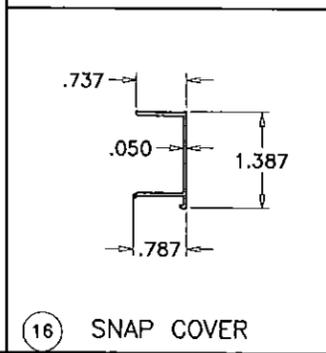
15A INNER GLASS STOP INSUL. LAM. GLASS



5 FRAME JAMB

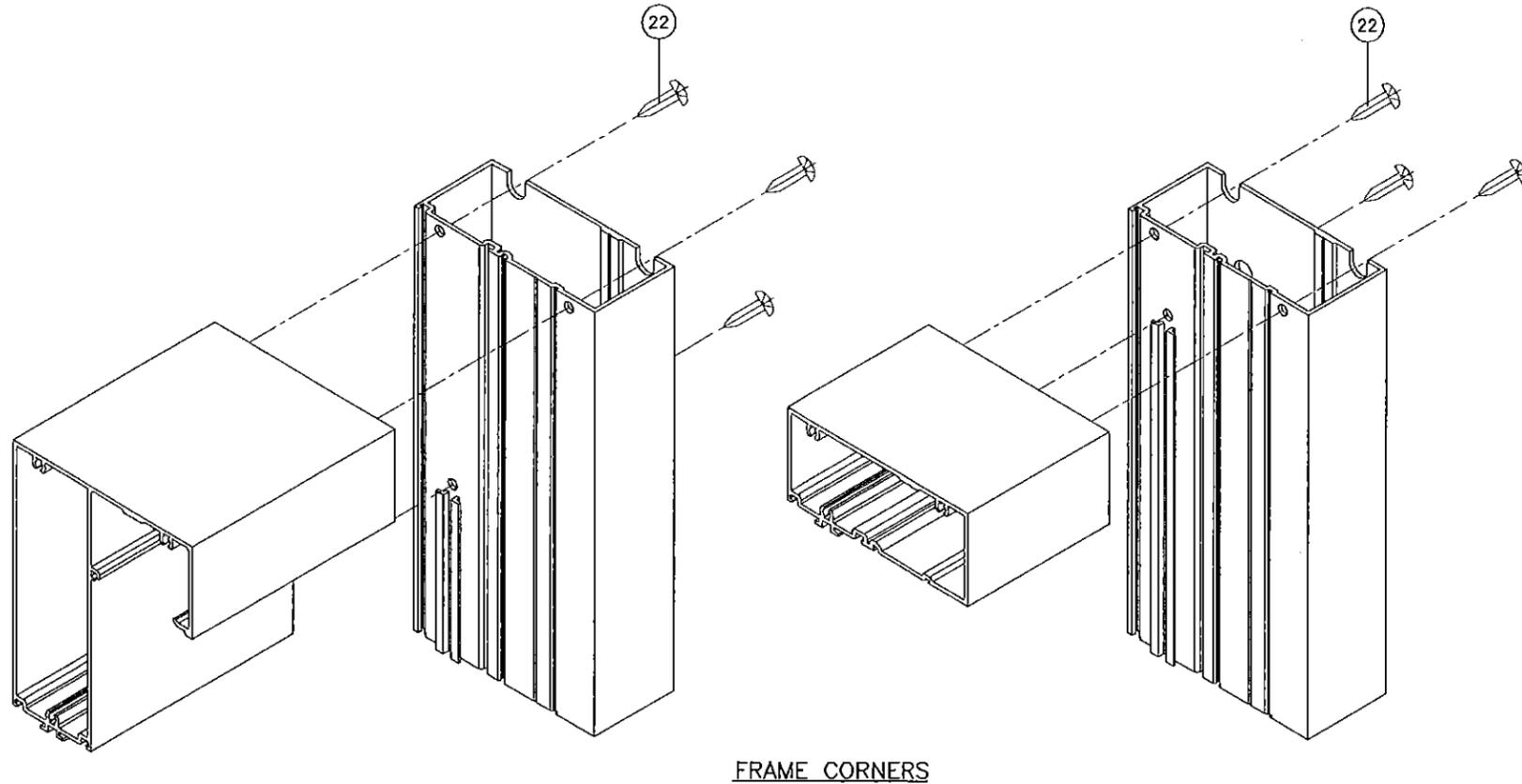


6 SLIP ON JAMB



16 SNAP COVER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
2	C302	AS REQD.	FRAME COVER	6063-T6	-
4	C305	AS REQD.	TOP & BOTTOM FRAME-HIGH PROFILE	6063-T6	-
5	C306	AS REQD.	FRAME JAMB	6063-T6	-
6	C307	AS REQD.	SLIP ON JAMB	6063-T6	-
8	C315	AS REQD.	TOP & BOTTOM FRAME-LOW PROFILE	6063-T6	-
14	C311	4/ LITE	OUTER GLASS STOP	6063-T6	-
15	C310	4/ LITE	INNER GLASS STOP (7/16" GLASS)	6063-T6	-
15A	C313	4/ LITE	INNER GLASS STOP (INSUL. LAM. GLASS)	6063-T6	-
16	C304	AS REQD.	SNAP COVER	6063-T6	-
18	-	AS REQD.	MULLION REINF. CHANNEL	3003-H14	-
22	#10 X 3/4"	3/ CORNER	FRAME ASSEMBLY SCREWS	-	SMS
27	C317	AS REQD.	GLAZING WEDGE	SANTOPRENE	CENTRAL PLASTICS
28	-	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
29	-	2/ LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A



FRAME CORNERS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0409.17
 Expiration Date 01/17/2018
 By: *Manuel Perez*
 Miami/Dade Product Control

Engr: JAVAD AHMAD
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revisions:	no	date	by description
	A	11.30.12	NO CHANGE THIS SHEET
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date: 07-16-12
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 sheet 5 of 5