MIAMI-DADE COUNTY
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
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Aldora Aluminum & Glass Products, Inc.
11500 Miramar Parkway, Suite 300
Miramar, FL 33025

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 "SMI–090" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09–24**, titled "Series SMI–090 Alum Window Wall (L.M.I.)", sheets 1 through 13 plus 13.1 and 13.2 of 13, dated 04/16/09, with revision D dated 03/05/14, 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 # 12-0201.07** 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.**

MIAMI-DADE COUNTY APPROVED

4/9/14

NOA No. 13-1224.03
Expiration Date: May 12, 2015
Approval Date: April 17, 2014

Aldora Aluminum & Glass Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W09–24**, titled "Series SMI–090 Alum Window Wall (L.M.I.)", sheets 1 through 13 plus 13.1 and 13.2 of 13, dated 04/16/09, with revision D dated 03/05/14, 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

   along with marked–up drawings and installation diagram of window wall system with an approved louver, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 7336**, dated May 22, 2013, signed and sealed by Jorge A. Naya, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202–94
   3) Water Resistance Test, per FBC, TAS 202–94
   4) Large Missile Impact Test per FBC, TAS 201–94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202–94

   along with marked–up drawings and installation diagram of window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 5746**, dated January 27, 2009, signed and sealed by Carlos S. Rionda, P.E.
   (Submitted under NOA#10-0128.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC–2007, prepared by Al–Farooq Corporation, dated January 12, 2010, updated on August 15, 2013 to comply with **FBC-2010**, all signed and sealed by Javad Ahmad, P.E.
   (Submitted partially under NOA#10-0128.03)
2. **Glazing complies with ASTM E1300–09**

D. QUALITY ASSURANCE

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

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1224.03
Expiration Date: May 12, 2015
Approval Date: April 17, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12–1231.09** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 03/28/13, expiring on 04/14/18.
2. Notice of Acceptance No. **13–1126. 20** issued to **Allnex USA, Inc.** for their "**Uvekol S Laminated Glass Interlayer**", dated 02/20/14, expiring on 02/08/19.

F. STATEMENTS

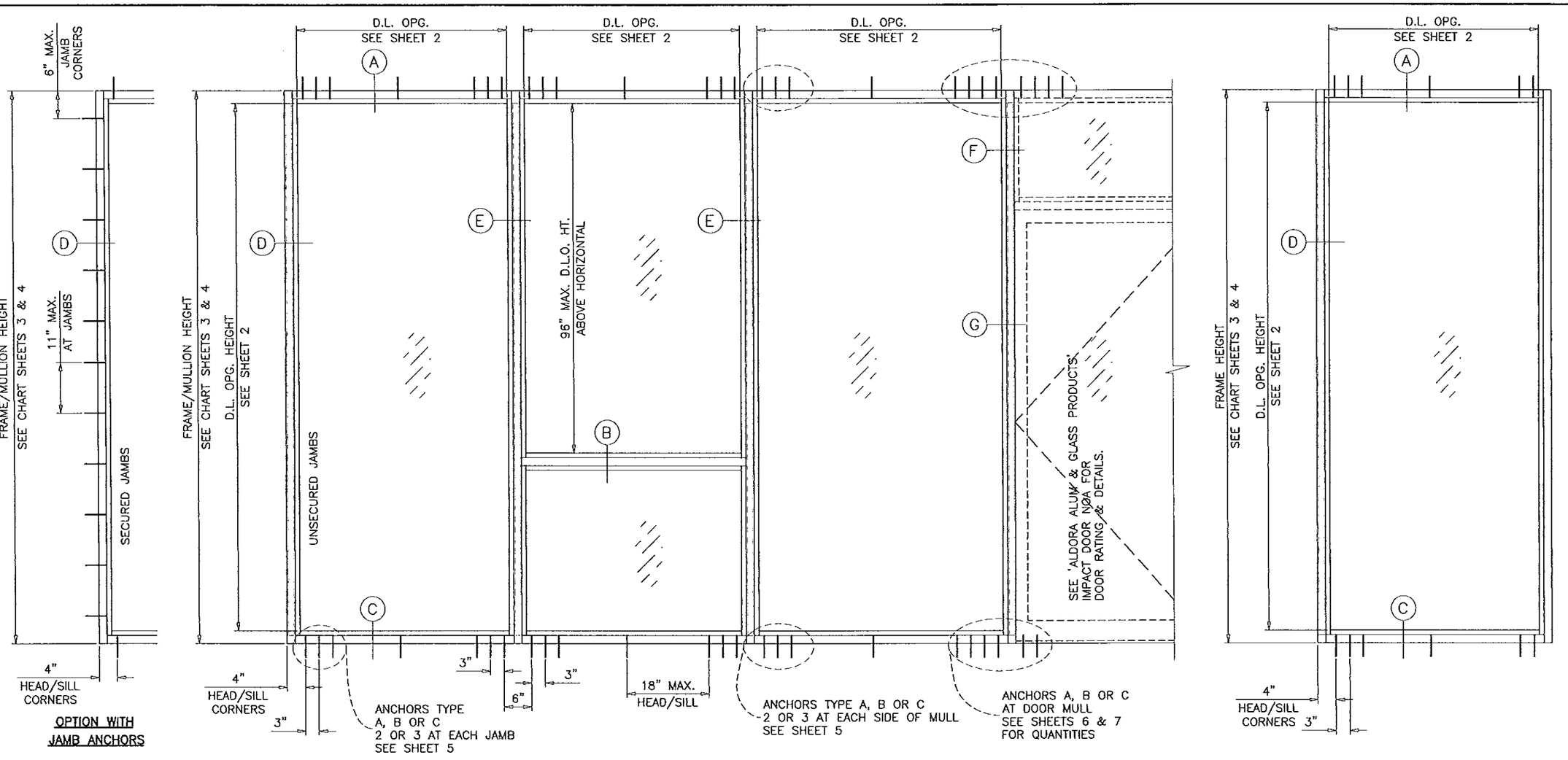
1. Statement letter of conformance, complying with **FBC-2014**, and of no financial interest, dated April 03, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report No. **FTL 5746**, issued by Fenestration Testing Laboratory, Inc., dated January 27, 2009, signed and sealed by Carlos S. Rionda, P. E.
   (Submitted under previous NOA#10-0128.03)
3. Statement letter dated 08/21/13, issued by Aldora Aluminum & Glass Products, Inc. of legally purchase of asset and rights of NOA # **12-0731.06** from SMI Aluminum System, LLC and requesting that said NOA be issued under their name, signed by Manny Valladares, for and on behalf of Aldora Aluminum & Glass Products, Inc.
4. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA # **12-0731.06**, dated 08/21/13, signed by Mr. Manny Valladares, for and on behalf of SMI Aluminum Systems, LLC.
5. Assignment & Assumption agreement dated July 26, 2013 between Aldora Holdings LLC, SMI Aluminum Systems, LLC, Architectural Glass Products, LLC (each an "Assignor" and collectively, the "Assignors") and Aldora Holdco, Inc. (the "Assignee") signed by Leon Silverstein, Aldora Holdings LLC manager; Leon Silverstein, SMI Aluminum Systems, LLC, manager; Leon Silverstein, Architectural Glass Products, LLC manager and Scott Hauncher, VP Aldora Holdco, Inc.
6. Bill of Sale dated July 26, 2013, delivered by Aldora Holdco, Inc. transferring assets to Aldora Aluminum & Glass Products, Inc., signed by Mr. Scott Hauncher, Vice President, Aldora Holdco, Inc.

G. OTHER

1. Notice of Acceptance No. **12-0201.07**, issued to SMI Aluminum Systems, LLC, for their Series "SMI-090" Aluminum Window Wall System – L.M.I., approved on 04/19/12 and expiring on 05/12/15.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1224.03
Expiration Date: May 12, 2015
Approval Date: April 17, 2014



TYPICAL ELEVATIONS

SERIES SMI-090 ALUMINUM WINDOW WALL

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPR'D LARGE MISSILE IMPACT RESISTANT DOORS. LOWER DESIGN PRESSURE FROM STOREFRONT OR DOOR APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

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 SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.

STEP 3 CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 3 & 4 FOR STOREFRONT MULLION AND SHEET 6 & 7 FOR DOOR MULLION. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

STEP 4 USING CHART ON SHEETS 5 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

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

SINGLE 'O' PANEL:
FRAME WIDTH = D.L.O. WIDTH + 5.500"
FRAME HEIGHT = D.L.O. HEIGHT + 5.500"
FOR ANCHORED JAMBS MAX. SIZES USE GLASS CHART ON SHEET 2.
FOR UNANCHORED JAMB FRAME USE CHARTS ON SHEETS 3 & 4.

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

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

APR 03 2014

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-1224.03
Expiration Date Apr. 12, 2015
By Miami-Dade Product Control

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

COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description
A	04.06.10		REV. PER BCCO COMMENTS
B	10.21.11		UPDATED TO 2010 FBC
C	08.12.13		MANUF. NAME REV.
D	03.05.14		NO CHANGE THIS SHEET

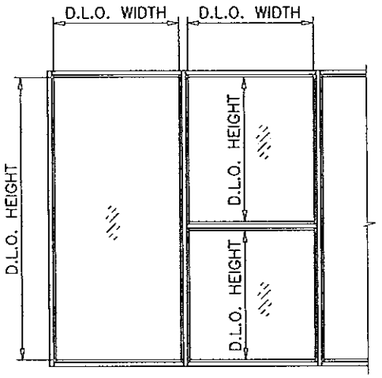
date: 04-16-09
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

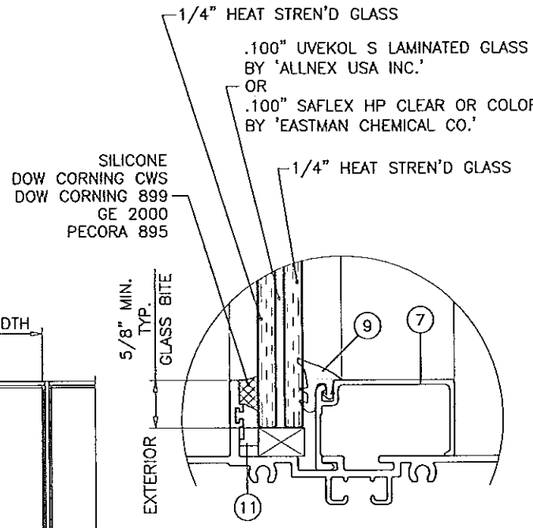
drawing no. W09-24

sheet 1 of 13

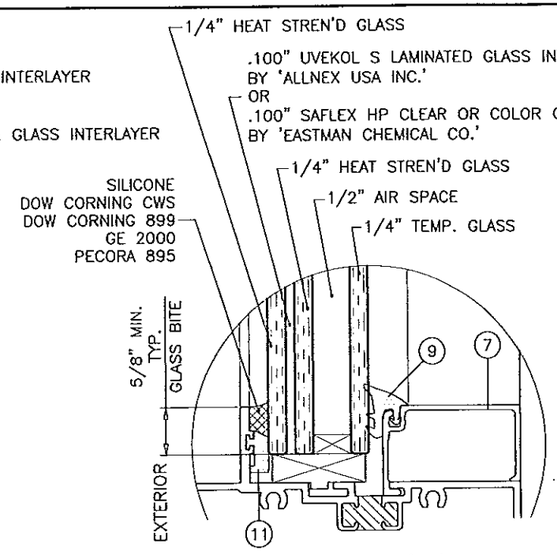
GLASS LOAD CAPACITY - PSF		
NOMINAL DIMS.		GLASS TYPES 'A' & 'A1'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (−)
30"	66−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
66−1/2"		90.0
30"	72−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
66"		90.0
30"	78−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
30"	84−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
30"	90−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
30"	96−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
30"	102−1/2"	90.0
36"		90.0
42"		90.0
48"		90.0
30"	108"	90.0
36"		90.0
42"		90.0
44−1/4"		90.0
30"	114"	90.0
36"		90.0
42"		90.0
44−1/4"		90.0
30"	114−1/2"	90.0
36"		90.0
42"		90.0
44−1/4"		90.0

NOTE:
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

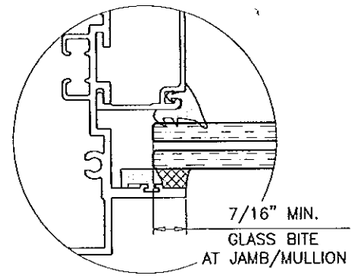




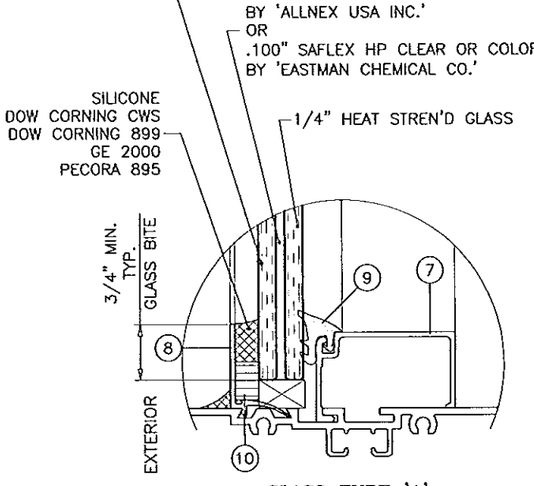
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



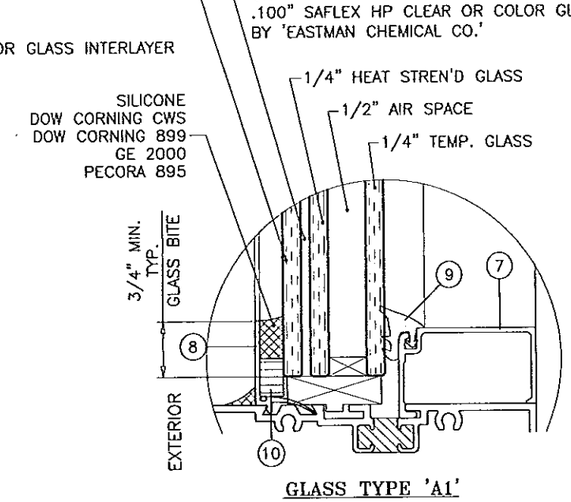
GLASS TYPE 'A1'
1−5/16" OVERALL LAM. INSUL. GLASS



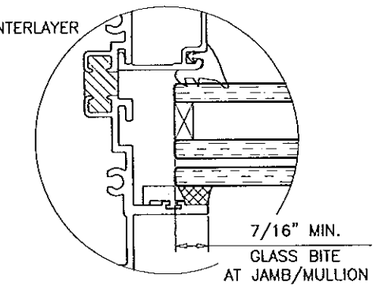
GLAZING OPTIONS
INTERIOR GLAZED



GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



GLASS TYPE 'A1'
1−5/16" OVERALL LAM. INSUL. GLASS



GLAZING OPTIONS
EXTERIOR GLAZED

NOTE:
WINDOW WALL FRAMES AT INSULATED GLASS OPTION MAY BE WITH OR WITHOUT THERMAL BREAK.

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

GLASS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638
APR 03 2014

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-1204.03
Expiration Date 04-12-2015
By Miami Dade Product Control

1/2" AIR SPACE CONSISTING OF:
SPACER:
ALUMINUM BOX SPACER AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOW CORNING CWS
DOW CORNING 899
GE 2000
PECORA 895

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

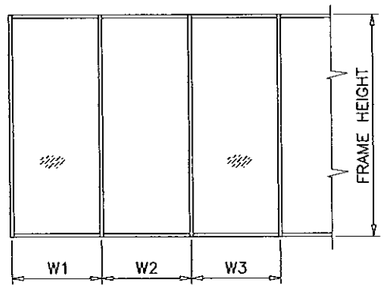
no	date	by	description
A	04.06.10		REV. PER BCCO COMMENTS
B	10.21.11		UPDATED TO 2010 FBC
C	08.12.13		MANUF. NAME REV.
D	03.05.14		REV. PER RER COMMENTS

date: 04-16-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-24

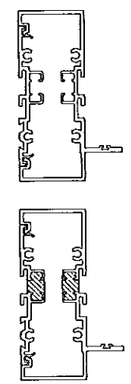
DESIGN LOAD CAPACITY – PSF JAMB/MULLION WITHOUT INTERMEDIATE HORIZONTALS				
NOMINAL DIMS.		JAMB 'J1' MULLION 'M1'	JAMB 'J2' MULLION 'M2'	JAMB 'J3/J4' MULL 'M3/M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
30"	78"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		50.0	90.0	90.0
30"	84"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		--	90.0	90.0
30"	90"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		–	90.0	90.0
30"	96"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		–	90.0	90.0
60"		–	90.0	90.0
30"	102"	–	90.0	90.0
36"		–	90.0	90.0
42"		–	90.0	90.0
48"		–	90.0	90.0
54"		–	--	80.0
30"	108"	–	90.0	90.0
36"		–	90.0	90.0
42"		–	90.0	90.0
48"		–	87.5	87.5
54"		–	–	80.0
30"	114"	–	–	80.0
36"		–	–	80.0
42"		–	–	80.0
48"		--	–	80.0
30"	120"	–	–	80.0
36"		–	--	80.0
42"		–	–	80.0
48"		–	--	76.0

NOTE:
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



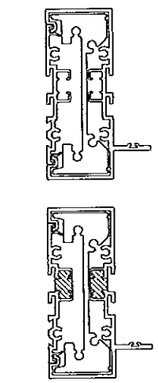
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



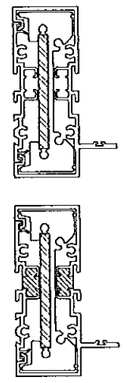
JAMB 'J1'

Ix IN^4	Sx IN^3
3.634	1.720



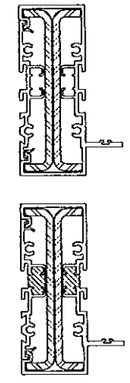
JAMB 'J2'

Ix IN^4	Sx IN^3
9.241	4.375



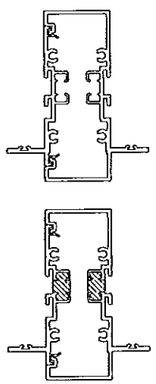
JAMB 'J3'

	Ix IN^4	Sx IN^3
ALUMINUM	9.241	4.375
STEEL	.562	.375
TOTAL Ix ALUM + Ix STL X 2.9	10.871	



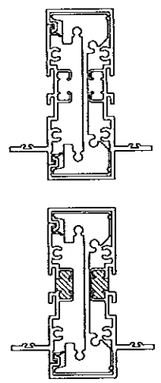
JAMB 'J4'

	Ix IN^4	Sx IN^3
ALUMINUM	3.634	1.720
STEEL	4.146	1.951
TOTAL Ix ALUM + Ix STL X 2.9	15.657	



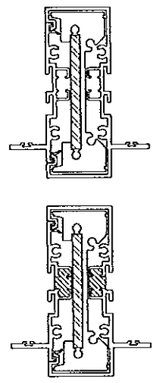
MULLION 'M1'

Ix IN^4	Sx IN^3
3.854	1.614



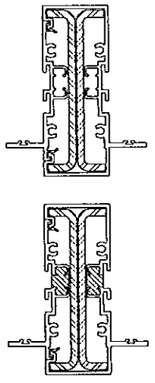
MULLION 'M2'

Ix IN^4	Sx IN^3
9.461	3.963



MULLION 'M3'

	Ix IN^4	Sx IN^3
ALUMINUM	9.461	3.963
STEEL	.562	.375
TOTAL Ix ALUM + Ix STL X 2.9	11.092	



MULLION 'M4'

	Ix IN^4	Sx IN^3
ALUMINUM	3.854	1.614
STEEL	4.146	1.951
TOTAL Ix ALUM + Ix STL X 2.9	15.877	

MULLIONS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638
APR 03 2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1225.03
Expiration Date 12-14-2015
By
Miami Dade Product Control

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

COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:			
no	date	by	description
A	04.06.10		NO CHANGE THIS SHEET
B	10.21.11		NO CHANGE THIS SHEET
C	08.12.13		MANUF. NAME REV.
D	03.05.14		NO CHANGE THIS SHEET

date: 04-16-09
scale: –
dr. by: HAMID
chk. by:

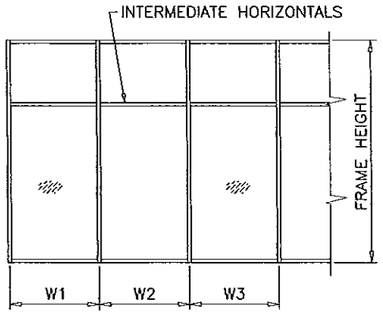
drawing no.
W09-24

sheet 3 of 13

DESIGN LOAD CAPACITY – PSF
JAMB/MULLION WITH INTERMEDIATE HORIZONTALS

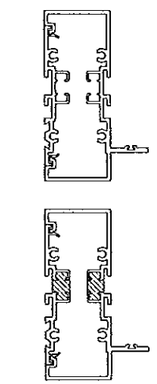
NOMINAL DIMS.		JAMB 'J1' MULLION 'M1'	JAMB 'J2' MULLION 'M2'	JAMB 'J3/J4' MULL 'M3/M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
30"	78"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		50.0	90.0	90.0
30"	84"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		–	90.0	90.0
30"	90"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		50.0	90.0	90.0
54"		50.0	90.0	90.0
60"		–	90.0	90.0
30"	96"	50.0	90.0	90.0
36"		50.0	90.0	90.0
42"		50.0	90.0	90.0
48"		49.2	90.0	90.0
54"		–	90.0	90.0
60"		–	–	80.0
30"	102"	–	90.0	90.0
36"		–	90.0	90.0
42"		–	90.0	90.0
48"		–	90.0	90.0
54"		–	–	80.0
30"	108"	–	90.0	90.0
36"		–	90.0	90.0
42"		–	90.0	90.0
48"		–	81.9	85.0
30"	114"	–	–	80.0
36"		–	–	80.0
42"		–	–	80.0
48"		–	–	80.0
30"	120"	–	–	80.0
36"		–	–	80.0
42"		–	–	80.0
48"		–	–	72.1

NOTE:
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



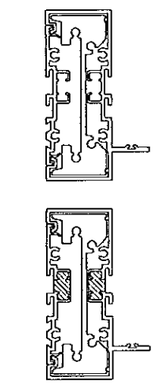
WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



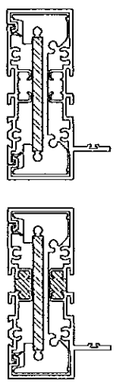
JAMB 'J1'

Ix IN^4	Sx IN^3
3.634	1.720



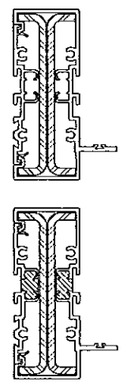
JAMB 'J2'

Ix IN^4	Sx IN^3
9.241	4.375



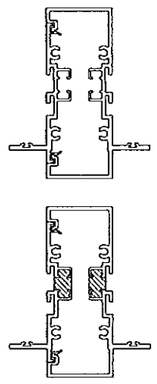
JAMB 'J3'

	Ix IN^4	Sx IN^3
ALUMINUM	9.241	4.375
STEEL	.562	.375
TOTAL Ix ALUM + Ix STL X 2.9	10.871	



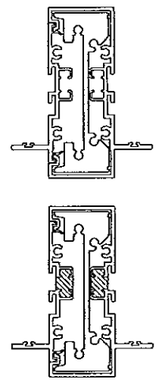
JAMB 'J4'

	Ix IN^4	Sx IN^3
ALUMINUM	3.634	1.720
STEEL	4.146	1.951
TOTAL Ix ALUM + Ix STL X 2.9	15.657	



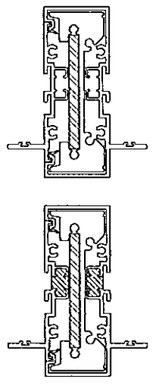
MULLION 'M1'

Ix IN^4	Sx IN^3
3.854	1.614



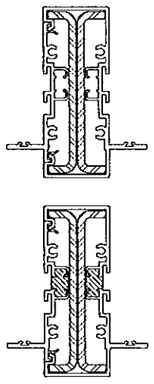
MULLION 'M2'

Ix IN^4	Sx IN^3
9.461	3.963



MULLION 'M3'

	Ix IN^4	Sx IN^3
ALUMINUM	9.461	3.963
STEEL	.562	.375
TOTAL Ix ALUM + Ix STL X 2.9	11.092	



MULLION 'M4'

	Ix IN^4	Sx IN^3
ALUMINUM	3.854	1.614
STEEL	4.146	1.951
TOTAL Ix ALUM + Ix STL X 2.9	15.877	

MULLIONS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
APR 03 2014

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Acceptance No 13-1224.03
Expiration Date May 12, 2015
By Manuel Diaz
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
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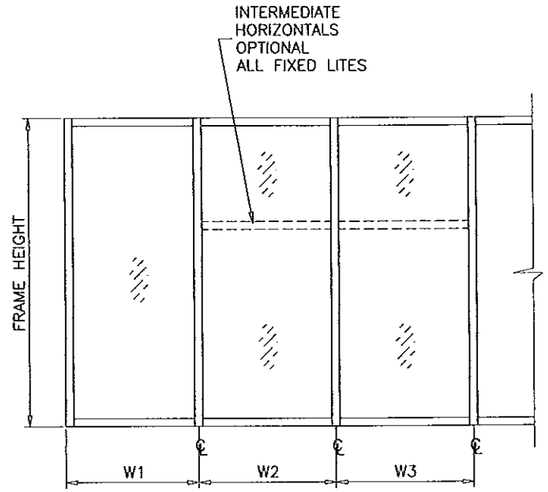
D	03.05.14		NO CHANGE THIS SHEET

date: 04-16-09
scale: –
dr. by: HAMID
chk. by:

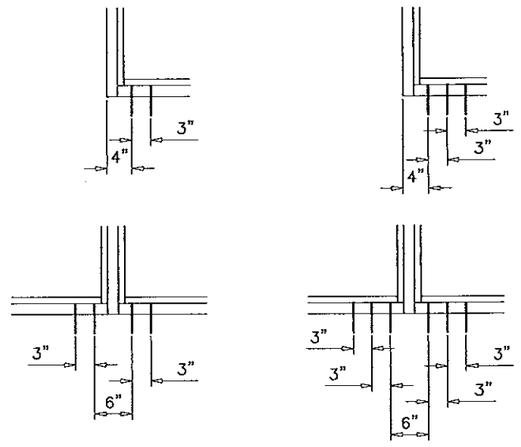
drawing no.
W09-24

ANCHOR LOAD CAPACITY – PSF EXT.(+) & INT.(–)						
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'		TYPE 'C'
WIDTH (W)	FRAME HEIGHT	A2	A3	B2	B3	C2
30"	60"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0
54"		90.0	90.0	90.0	90.0	90.0
60"		90.0	90.0	90.0	90.0	90.0
30"	66"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0
54"		90.0	90.0	90.0	90.0	90.0
60"		85.5	90.0	90.0	90.0	90.0
30"	72"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0
54"		87.1	90.0	90.0	90.0	90.0
60"		78.4	90.0	90.0	90.0	90.0
30"	78"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0
54"		80.4	90.0	90.0	90.0	90.0
60"		72.4	90.0	88.6	90.0	90.0
30"	84"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
48"		84.0	90.0	90.0	90.0	90.0
54"		74.7	90.0	90.0	90.0	90.0
60"		67.2	90.0	82.3	90.0	90.0
30"	90"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		89.6	90.0	90.0	90.0	90.0
48"		78.4	90.0	90.0	90.0	90.0
54"		69.7	90.0	85.3	90.0	90.0
60"		62.7	90.0	76.8	90.0	90.0
30"	96"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		84.0	90.0	90.0	90.0	90.0
48"		73.5	90.0	90.0	90.0	90.0
54"		65.3	90.0	80.0	90.0	90.0
60"		58.8	88.2	72.0	90.0	90.0
30"	102"	90.0	90.0	90.0	90.0	90.0
36"		90.0	90.0	90.0	90.0	90.0
42"		79.1	90.0	90.0	90.0	90.0
48"		69.2	90.0	84.7	90.0	90.0
54"		61.5	90.0	75.3	90.0	90.0
30"	108"	90.0	90.0	90.0	90.0	90.0
36"		87.1	90.0	90.0	90.0	90.0
42"		74.7	90.0	90.0	90.0	90.0
48"		65.3	90.0	80.0	90.0	90.0
30"	114"	90.0	90.0	90.0	90.0	90.0
36"		82.5	90.0	90.0	90.0	90.0
42"		70.7	90.0	86.6	90.0	90.0
48"		61.9	90.0	75.8	90.0	90.0
30"	120"	90.0	90.0	90.0	90.0	90.0
36"		78.4	90.0	90.0	90.0	90.0
42"		67.2	90.0	82.3	90.0	90.0
48"		58.8	88.2	72.0	90.0	90.0



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION



A2, B2, C2 A3, B3

ANCHORS TYPES:

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION

A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION

WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALDORA ALUMINUM & GLASS PRODUCTS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'

1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
WITH 1–3/8" MIN. PENETRATION INTO WOOD

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

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2–1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.

TYPE 'B'

1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
WITH 1–1/4" MIN. EMBED INTO CONC.

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2–1/2" MIN.

TYPE 'C'

#14 SMS OR SELF DRILLING SCREWS ST/ST (GRADE 2 CRS)
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063–T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES
INTO METAL STRUCTURE = 3/4" 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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
APR 03 2014

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Acceptance No 13-1024.03
Expiration Date May 12, 2015
By Manuel Perez
Miami Dade Product Control

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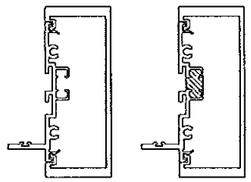
C	08.12.13		MANUF. NAME REV.
D	03.05.14		NO CHANGE THIS SHEET

date: 04-16-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-24

sheet 5 of 13

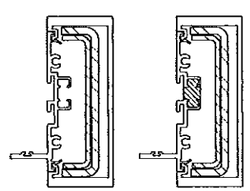
DOOR MULLION LOAD CAPACITY		
NOMINAL DIMS.		W/O REINF.
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)
30"	81-3/4"	90.0
36"		90.0
42"		90.0
48"		90.0
30"	85-3/4"	90.0
36"		90.0
42"		90.0
48"		90.0
30"	91-3/4"	90.0
36"		90.0
42"		90.0
30"	96-3/4"	90.0
36"		90.0
42"		90.0
30"	97-3/4"	90.0
36"		90.0
42"		90.0



DOOR MULLION
WITHOUT REINFORCING

Ix IN^4	Sx IN^3
5.856	2.602

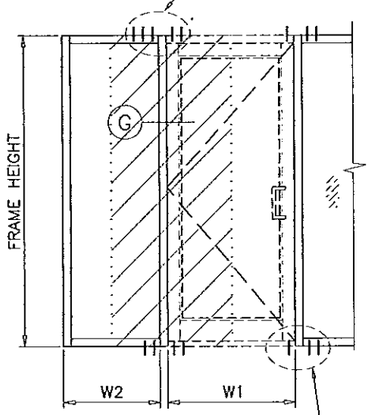
DOOR MULLION LOAD CAPACITY		
NOMINAL DIMS.		WITH REINF.
WIDTH (W)	FRAME HEIGHT	EXT.(+) & INT.(-)
24"	80"	90.0
30"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
24"	84"	90.0
30"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
60"		90.0
24"	90"	90.0
30"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
24"	96"	90.0
30"		90.0
36"		90.0
42"		90.0
48"		90.0
24"	102"	90.0
30"		90.0
36"		90.0
42"		90.0
48"		90.0
24"	108"	90.0
30"		90.0
36"		90.0
42"		90.0
24"	114"	80.0
30"		80.0
36"		80.0
42"		80.0
24"	120"	80.0
30"		80.0
36"		80.0
42"		80.0



DOOR MULLION
WITH REINFORCING

	Ix IN^4	Sx IN^3
ALUMINUM	5.856	2.602
STEEL	2.740	1.391
TOTAL Ix ALUM + Ix STL X 2.9	13.802	

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD
A	5
AA, B, C	4
CC	3

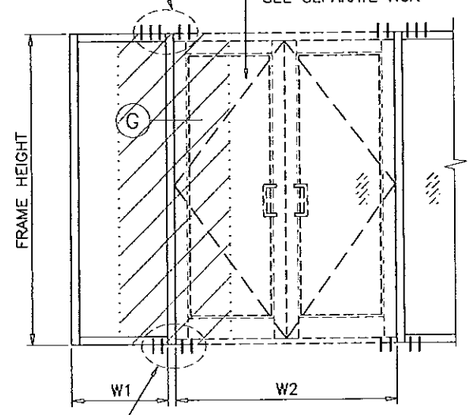


$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
AA, B, C	4
CC	3

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD
A	5
AA, B, C	4
CC	3

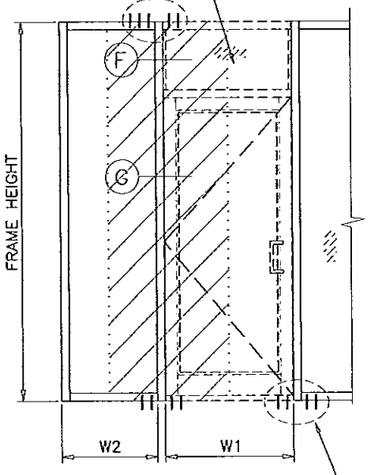
ALDORA ALUM & GLASS PRODUCTS OUTSWING DOORS SEE SEPARATE NOA



$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
AA, B, C	4
CC	3

ALDORA ALUM & GLASS PRODUCTS OUTSWING DOORS SEE SEPARATE NOA



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

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
AA, B, C	4
CC	3

DOOR MULLION

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

APR 0 3 2014

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COMP-ANL\W09-24SM

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11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

revisions:

no	date	by	description
A	04.06.10		REV. PER BCCO COMMENTS
B	10.21.11		NO CHANGE THIS SHEET
C	08.12.13		MANUF. NAME REV.
D	03.05.14		NO CHANGE THIS SHEET

date: 04-16-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-24

sheet 6 of 13

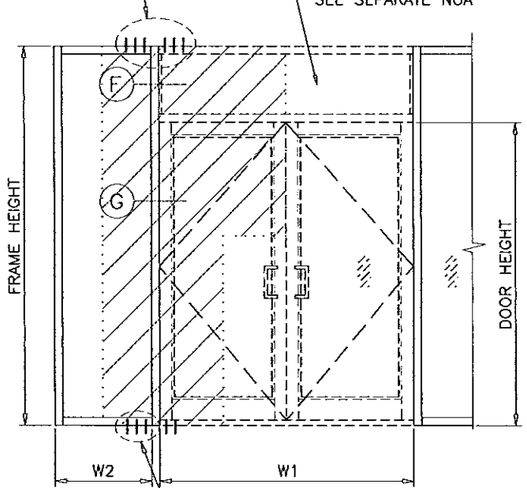
DOOR MULLION LOAD CAPACITY – PSF				
NOMINAL DIMS.				WITH REINF.
FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	WIDTH (W1) INCHES	WIDTH (W2) INCHES	EXT. (+) INT. (–)
108	80	60	30	90.0
			33	90.0
			39	90.0
			42	90.0
		72	30	90.0
			33	90.0
			39	90.0
			42	90.0
		84	30	90.0
			33	90.0
			39	90.0
			42	90.0
		96	30	90.0
			33	90.0
			39	90.0
			42	90.0
114	80	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0
			39	80.0
120	80	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0

DOOR MULLION LOAD CAPACITY – PSF				
NOMINAL DIMS.				WITH REINF.
FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	WIDTH (W1) INCHES	WIDTH (W2) INCHES	EXT. (+) INT. (–)
108	84	60	30	90.0
			33	90.0
			39	90.0
			42	90.0
		72	30	90.0
			33	90.0
			39	90.0
			42	90.0
		84	30	90.0
			33	90.0
			39	90.0
			42	90.0
		96	30	90.0
			33	90.0
			39	90.0
			42	90.0
114	84	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0
			39	80.0
120	84	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0

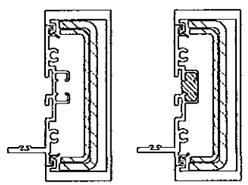
DOOR MULLION LOAD CAPACITY – PSF				
NOMINAL DIMS.				WITH REINF.
FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	WIDTH (W1) INCHES	WIDTH (W2) INCHES	EXT. (+) INT. (–)
114	96	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0
			39	80.0
120	96	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0

DOOR MULLION LOAD CAPACITY – PSF				
NOMINAL DIMS.				WITH REINF.
FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	WIDTH (W1) INCHES	WIDTH (W2) INCHES	EXT. (+) INT. (–)
120	108	60	30	80.0
			33	80.0
			39	80.0
			42	80.0
		72	30	80.0
			33	80.0
			39	80.0
			42	80.0
		84	30	80.0
			33	80.0
			39	80.0
			42	80.0
		96	30	80.0
			33	80.0

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD
A	8
AA, B, C	6
CC	4



ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
AA, B, C	6
CC	4



DOOR MULLION
WITH REINFORCING

	Ix IN^4	Sx IN^3
ALUMINUM	5.856	2.602
STEEL	2.740	1.391
TOTAL Ix ALUM + Ix STL X 2.9	13.802	

DOOR MULLION

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
APR 0 3 2013

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-1224.03
Expiration Date 4-30-12-2015
By
Miami-Dade Product Control

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

COMP–ANL\W09–24SM

SERIES SMI–090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888–6288 FAX. (305) 888–6289

revisions:			
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A	04.06.10		REV. PER BCCO COMMENTS
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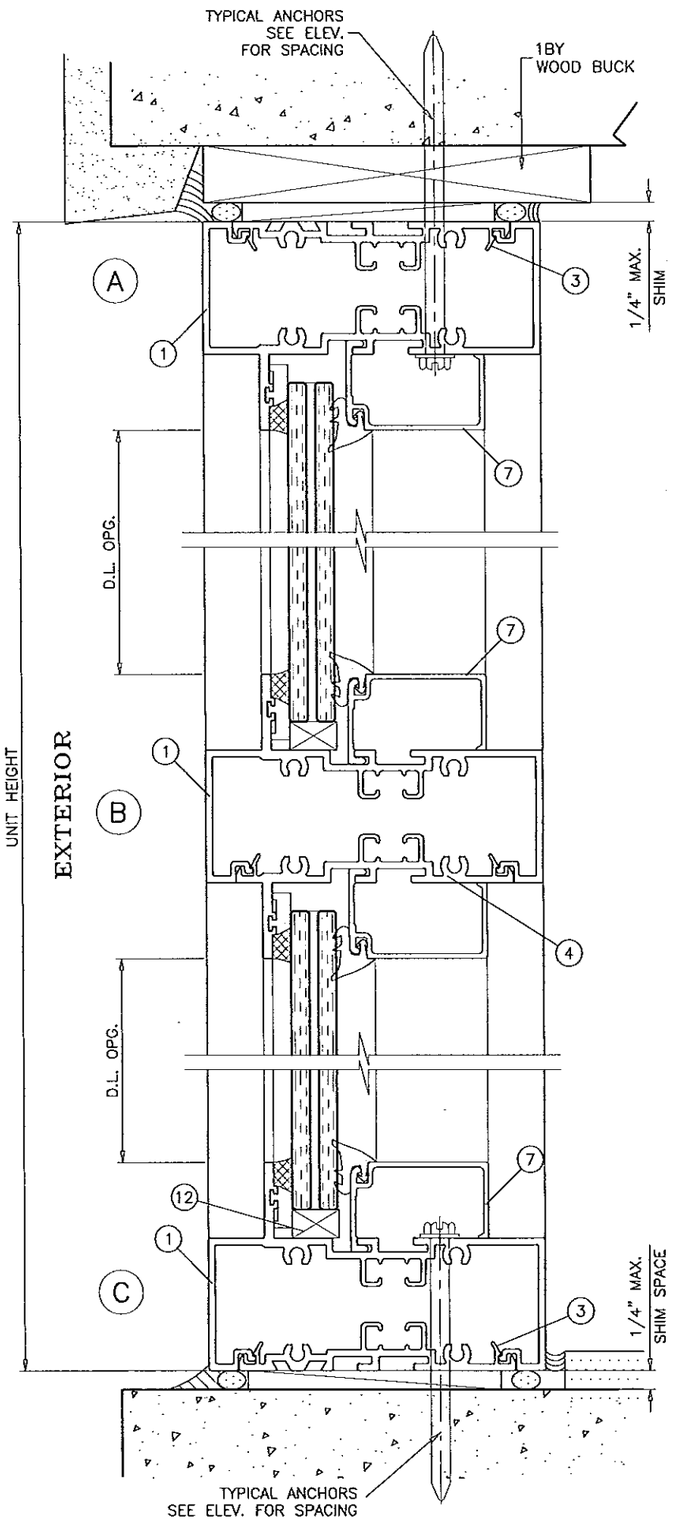
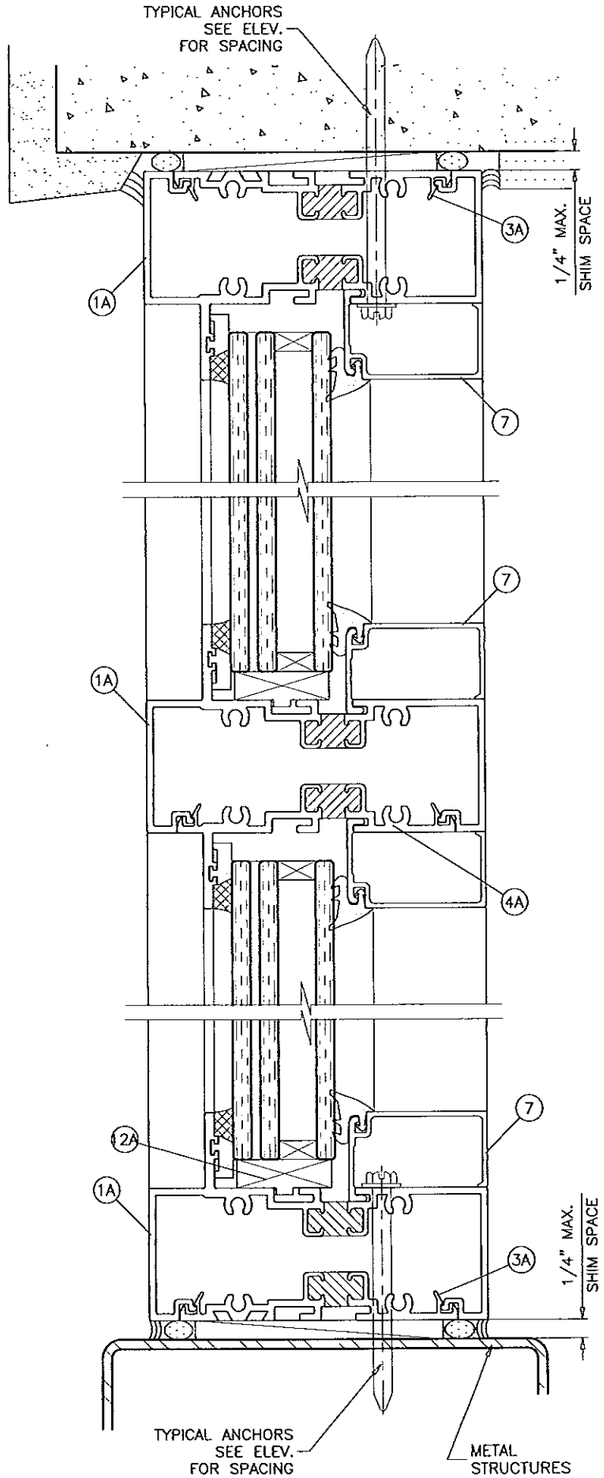
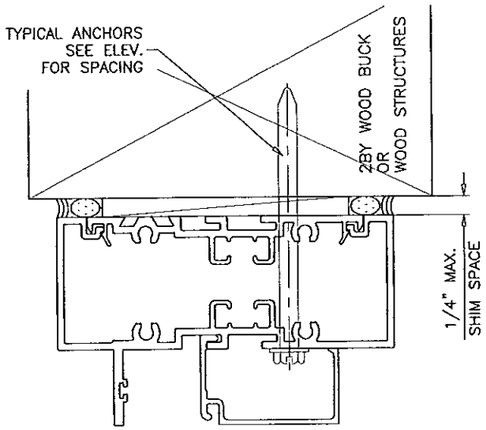
date: 04–16–09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09–24







UNIT HEIGHT

EXTERIOR

INTERIOR GLAZED

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

APR 03 2014

PRODUCT REVISED
as complying with the Florida
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Acceptance No 13-1224.03
Expiration Date May 12, 2015
By Manuel Perez
Miami-Dade Product Control

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1235 S.W. 87 AVE
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COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

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MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

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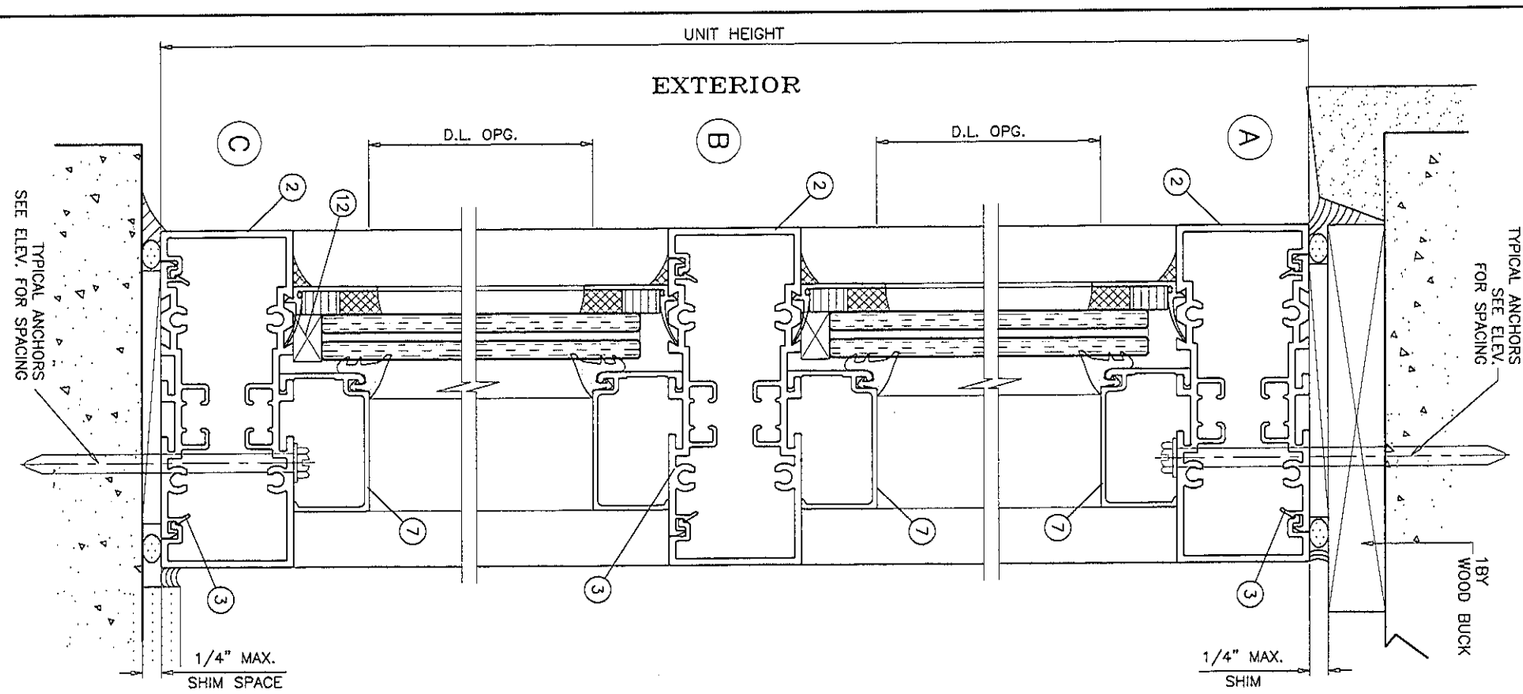

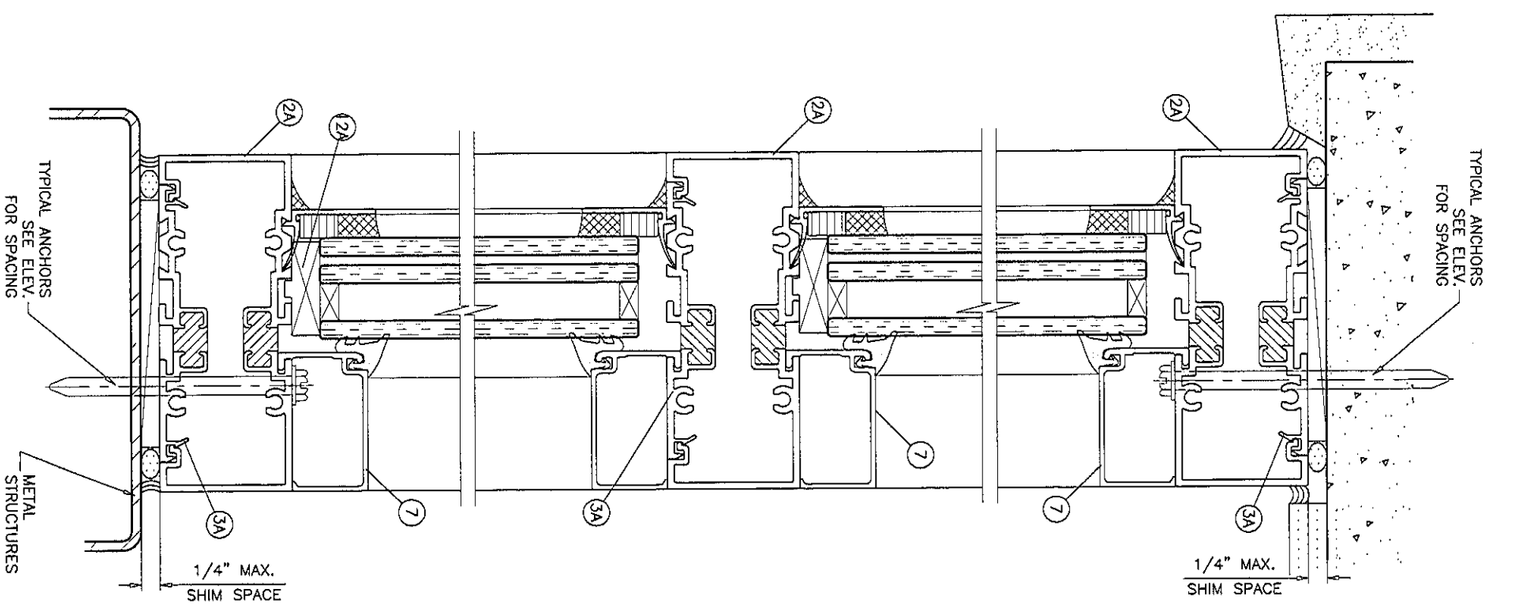

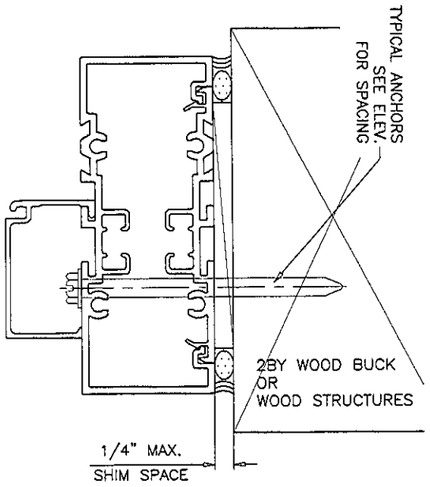

EXTERIOR GLAZED

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

APR 03 2014

PRODUCT REVISED
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chk. by:	

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SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
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AL-FAROOQ CORPORATION
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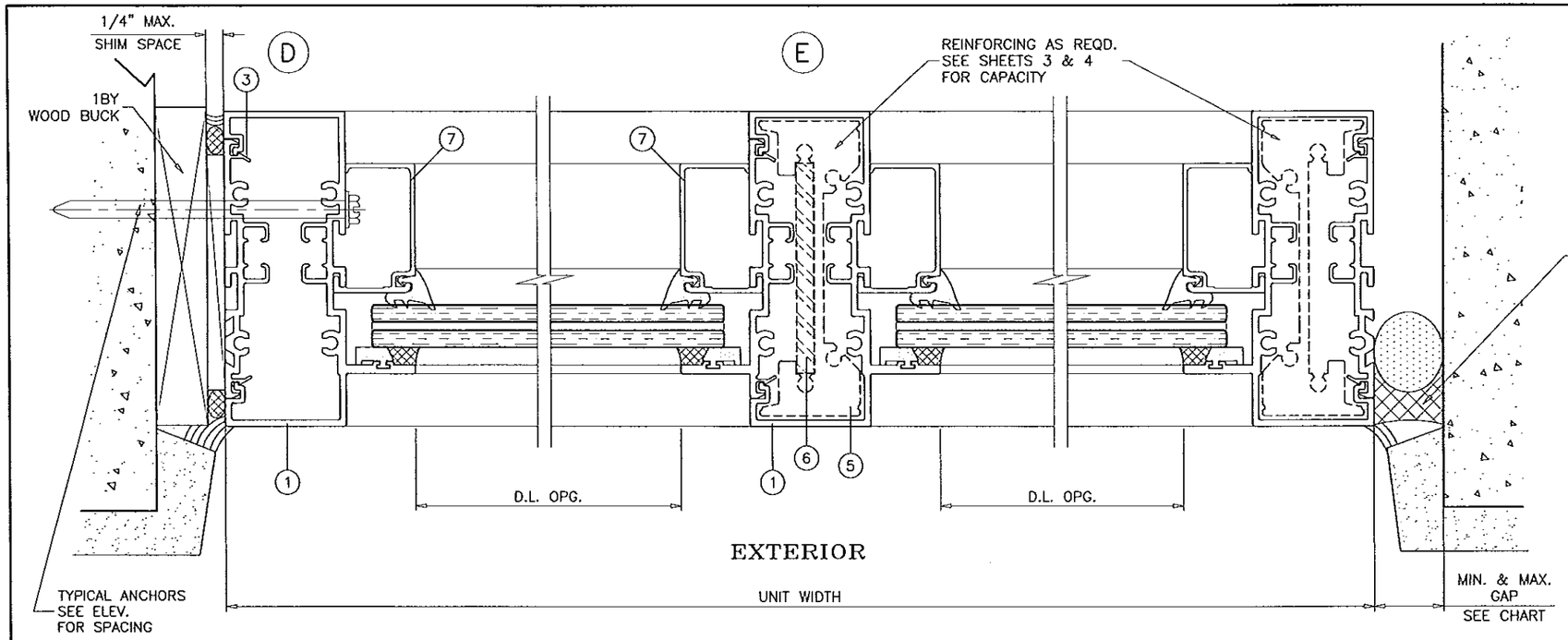
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

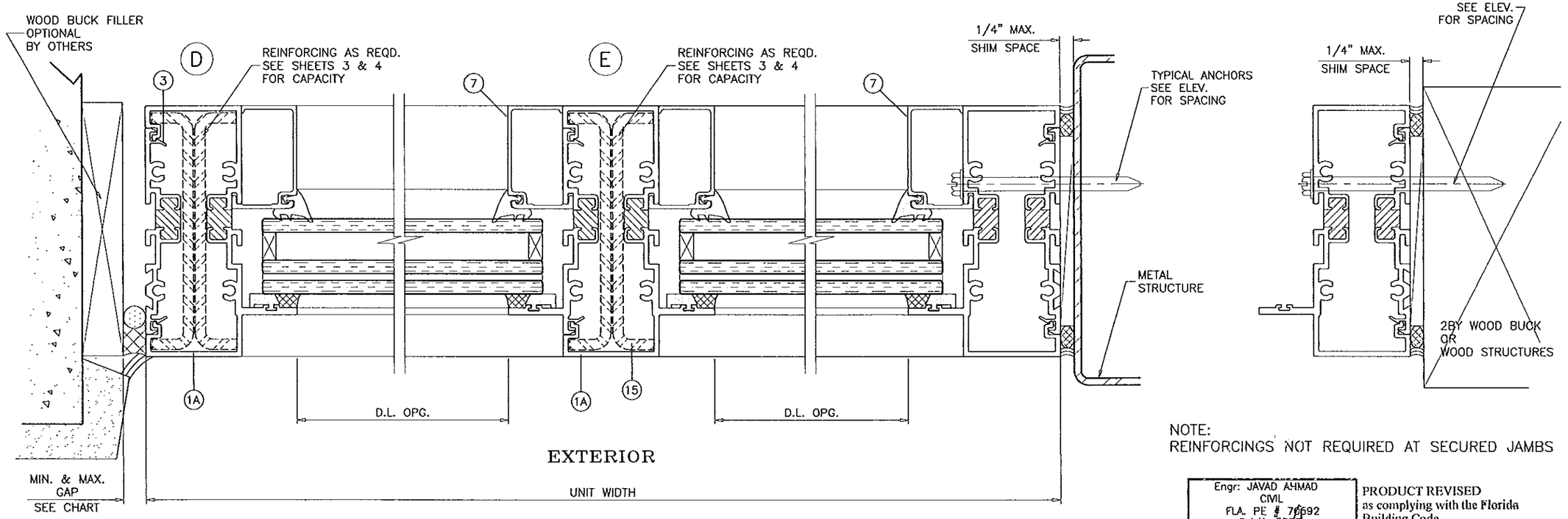
afc

COMP-ANL\W09-24SM

drawing no. W09-24



MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
72"	3/8"	1/2"
96"	1/2"	3/4"
120"	5/8"	1"



NOTE:
REINFORCINGS NOT REQUIRED AT SECURED JAMBS

INTERIOR OR EXTERIOR GLAZED

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CIVIL
FLA. PE # 76692
C.A.N. 3538
APR 03 2014

PRODUCT REVISED
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Expiration Date May 14, 2015
By Manuel Perez
Miami Dade Product Control

afc
AL-FAROOQ CORPORATION
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COMP-ANL\W09-245M

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6288 FAX. (305) 888-6289

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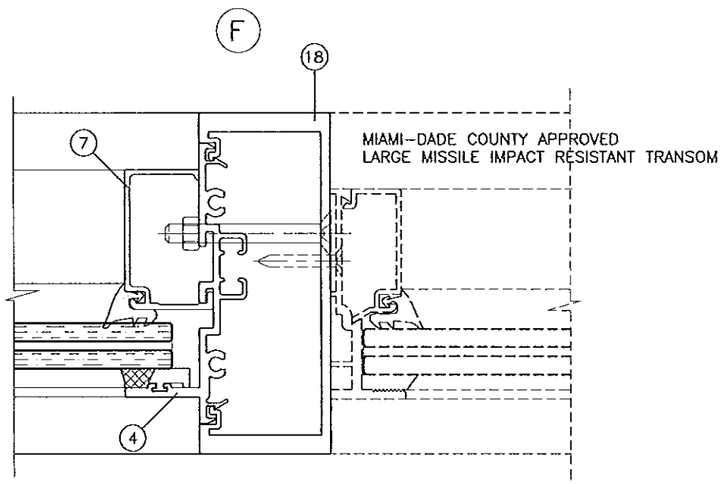
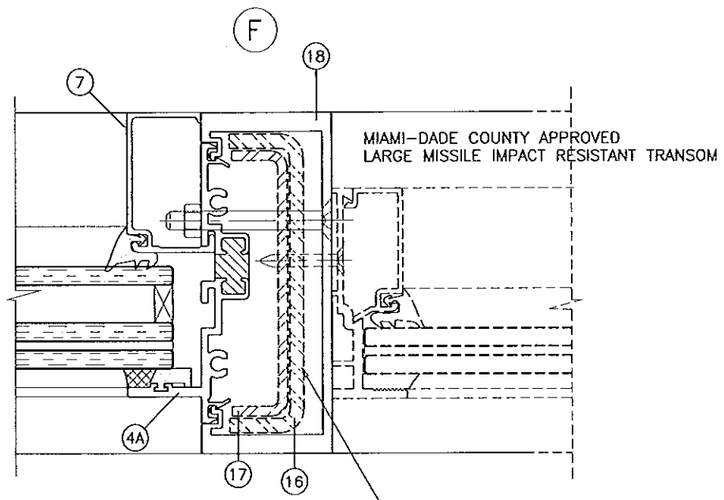
dr. by: HAMID
chk. by:

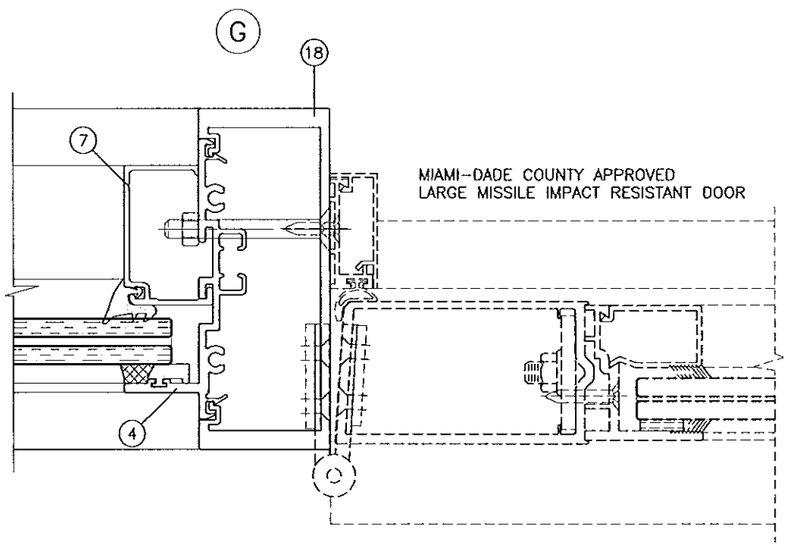
drawing no.
W09-24

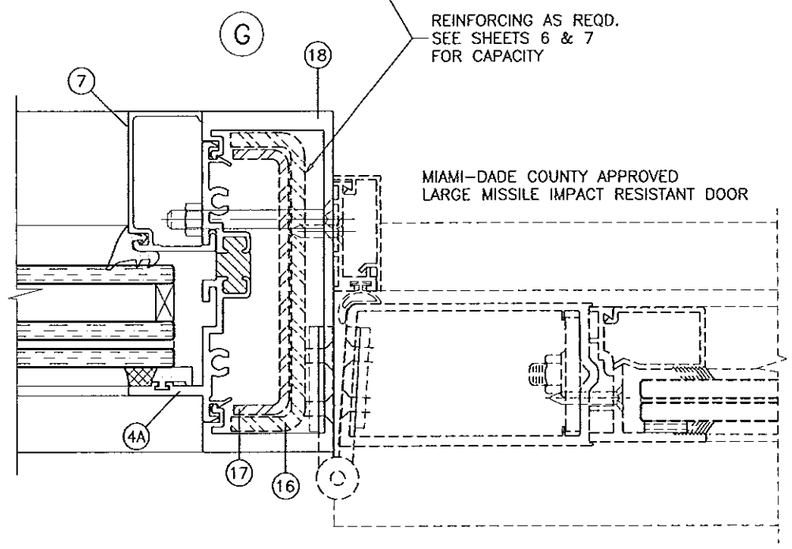
SEE SEPARATE NOA FOR DESIGN LOAD CAPACITY OF DOORS AND DOOR ANCHORS.

LOWER VALUES FROM DOORS NOA OR STOREFRONT SYSTEM CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.









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

APR 0 2 2014

PRODUCT REVISED
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Acceptance No 13-1024.03
Expiration Date ~~May 14, 2013~~ May 14, 2015
By Manuel Perez
Miami-Dade Product Control

AL-FAROOQ CORPORATION
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COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
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dr. by: HAMID
chk. by:

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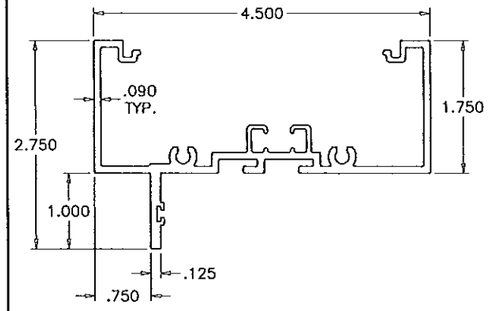
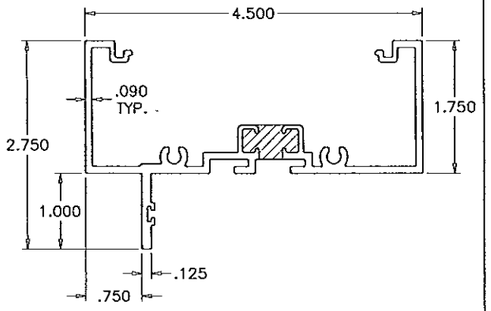
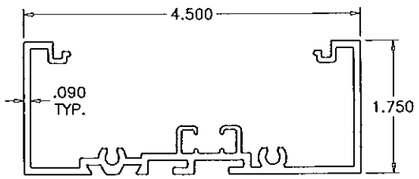
W09-24



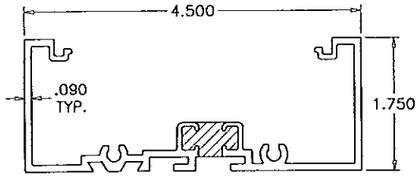
(1) FRAME HEAD/SILL/JAMB/MULLION
INTERIOR GLAZED



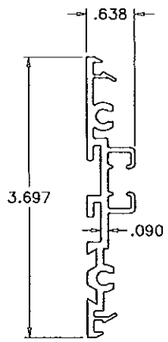
(1A) FRAME HEAD/SILL/JAMB/MULLION
INTERIOR GLAZED (THERMAL)



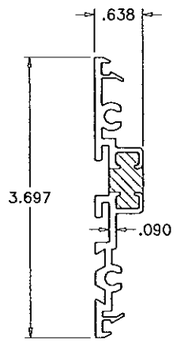
(2) FRAME HEAD/SILL/INTERM. HORIZ.
EXTERIOR GLAZED



(2A) FRAME HEAD/SILL/INTERM. HORIZ.
EXTERIOR GLAZED (THERMAL)



(3) PLAIN SNAP
INT./EXT. GLAZED



(3A) PLAIN SNAP
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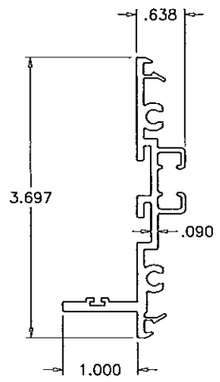
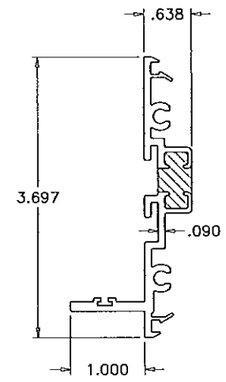
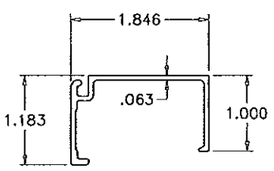


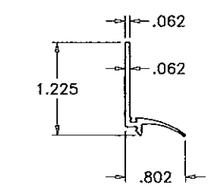
(4) FIN SNAP
INTERIOR GLAZED



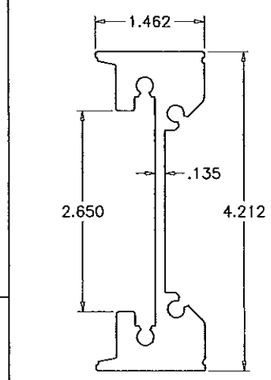
(4A) FIN SNAP
INTERIOR GLAZED (THERMAL)



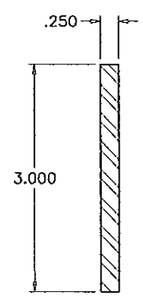
(7) INTERIOR GLASS STOP



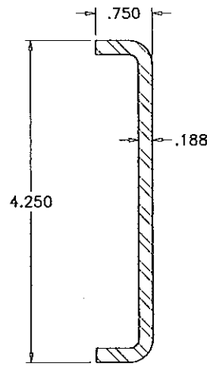
(8) EXTERIOR GLASS STOP



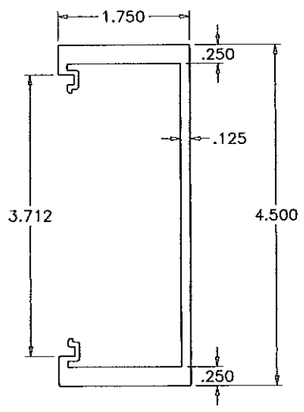
(5) REINFORCING SPLICE



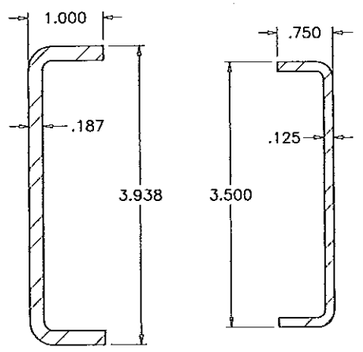
(6) REINFORCING BAR



(15) REINFORCING CHANNEL



(18) DOOR MULLION



(16) (17) REINFORCING CHANNELS
DOOR MULLION

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

APR 03 2014

PRODUCT REVISED
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Expiration Date May 14, 2015
By Manuel Perez
Miami Dade Product Control

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

COMP-ANL\W09-24SM

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

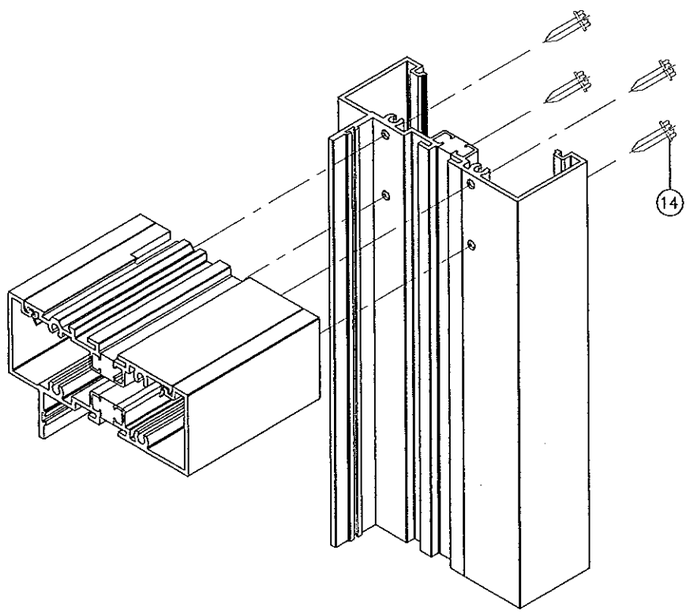
Aldora Aluminum & Glass Products Inc.
11500 MIRAMAR PARKWAY SUITE 300
MIRAMAR, FL. 33025
TEL. (305) 888-6289 FAX. (305) 888-6289

revisions:

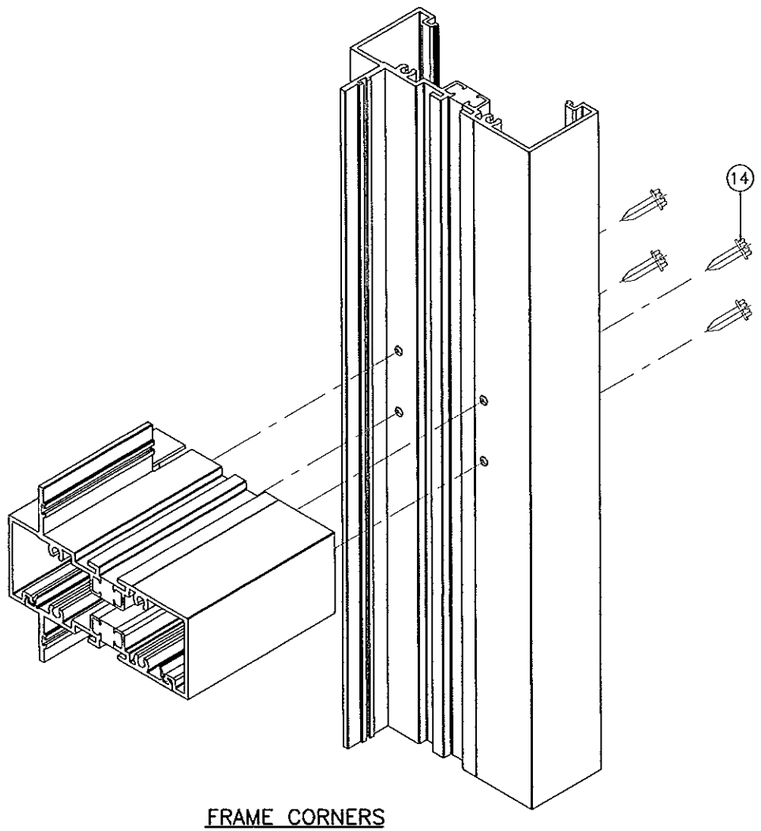
no	date	by	description
A	04.06.10		NO CHANGE THIS SHEET
B	10.21.11		NO CHANGE THIS SHEET
C	08.12.13		MANUF. NAME REV.
D	03.05.14		NO CHANGE THIS SHEET

date: 04-16-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-24



ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI--091	AS REQD.	INT. GLAZED FRAME HEAD/SILL/JAMB/MULLION	6063--T6	SMITH MOUNTAIN
1A	SMI--091T	AS REQD.	INT. GLAZED FRAME HEAD/SILL/JAMB/MULLION (POUR & DEBRIDGE)	6063--T6	SMITH MOUNTAIN
2	SMI--098	AS REQD.	EXT. GLAZED FRAME HEAD/SILL/INTERM. HORIZ.	6063--T6	SMITH MOUNTAIN
2A	SMI--098T	AS REQD.	EXT. GLAZED FRAME HEAD/SILL/INTERM. HORIZ. (POUR & DEBRIDGE)	6063--T6	SMITH MOUNTAIN
3	SMI--094	AS REQD.	INT./EXT. GLAZED PLAIN SNAP	6063--T6	SMITH MOUNTAIN
3A	SMI--094T	AS REQD.	INT./EXT. GLAZED PLAIN SNAP (POUR & DEBRIDGE)	6063--T6	SMITH MOUNTAIN
4	SMI--093	AS REQD.	INT./EXT. GLAZED FIN SNAP	6063--T6	SMITH MOUNTAIN
4A	SMI--093T	AS REQD.	INT./EXT. GLAZED FIN SNAP (POUR & DEBRIDGE)	6063--T6	SMITH MOUNTAIN
5	SMI--095	AS REQD.	REINFORCING SPLICE	6005--T5	SMITH MOUNTAIN
6	--	AS REQD.	REINFORCING BAR	STEEL	36 KSI MIN.
7	SMI--092	AS REQD.	INTERIOR GLASS STOP	6063--T6	SMITH MOUNTAIN
8	SMI--097	AS REQD.	EXTERIOR GLASS STOP	6063--T6	SMITH MOUNTAIN
9	SMI--G01	AS REQD.	INTERIOR GASKET (DUROMETER 70±5)	EPDM	GLAZING RUBBER PRODUCTS (#116)
10	SMI--G02	AS REQD.	SINGLE FACE TAPE (3/8" X 1/2")	VINYL FOAM	FRANK LOWE
11	SMI--G07	AS REQD.	EXTERIOR GASKET (DUROMETER 70±5)	EPDM	CENTRAL PLASTICS INC.
12	SMI--SB06	2/ LITE	SETTING BLOCK LAM. GLASS (3/8" X 5/8" X 4" LG.) (DUROMETER 85±5)	EPDM	CENTRAL PLASTICS INC.
12A	SMI--SB04	2/ LITE	SETTING BLOCK LAM. INSUL. GLASS (3/8" X 1--1/4" X 4" LG.) (DUROMETER 85±5)	EPDM	CENTRAL PLASTICS INC.
13	SMI--P04	AS REQD.	THERMAL BRAKE SPACER FOR ALUM SPLICE	RIGID PVC	CENTRAL PLASTICS INC.
14	#12 X 1--1/2"	4/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	HEX. HEAD MACHINE SCREWS
15	--	AS REQD.	REINFORCING CHANNEL (36 KSI MIN.)	STEEL	--
16	--	--	REINFORCING CHANNEL (DOOR MULLION)	STEEL	1" X 3--15/16" X 1" X 3/16" THK.
17	--	--	REINFORCING CHANNEL (DOOR MULLION)	STEEL	3/4" X 3--1/2" X 3/4" X 1/8" THK.
18	SMI--005	AS REQD.	DOOR MULLION	6063--T6	SMITH MOUNTAIN



FRAME CORNERS

SEALANTS:

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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638
APR 03 2014

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-1224.03
Expiration Date May 12, 2015
By Manuel Perez
Miami-Dade Product Control

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MIRAMAR, FL. 33025
TEL. (305) 888-6289 FAX. (305) 888-6288

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A	04.06.10		NO CHANGE THIS SHEET
B	10.21.11		DURO ADDED
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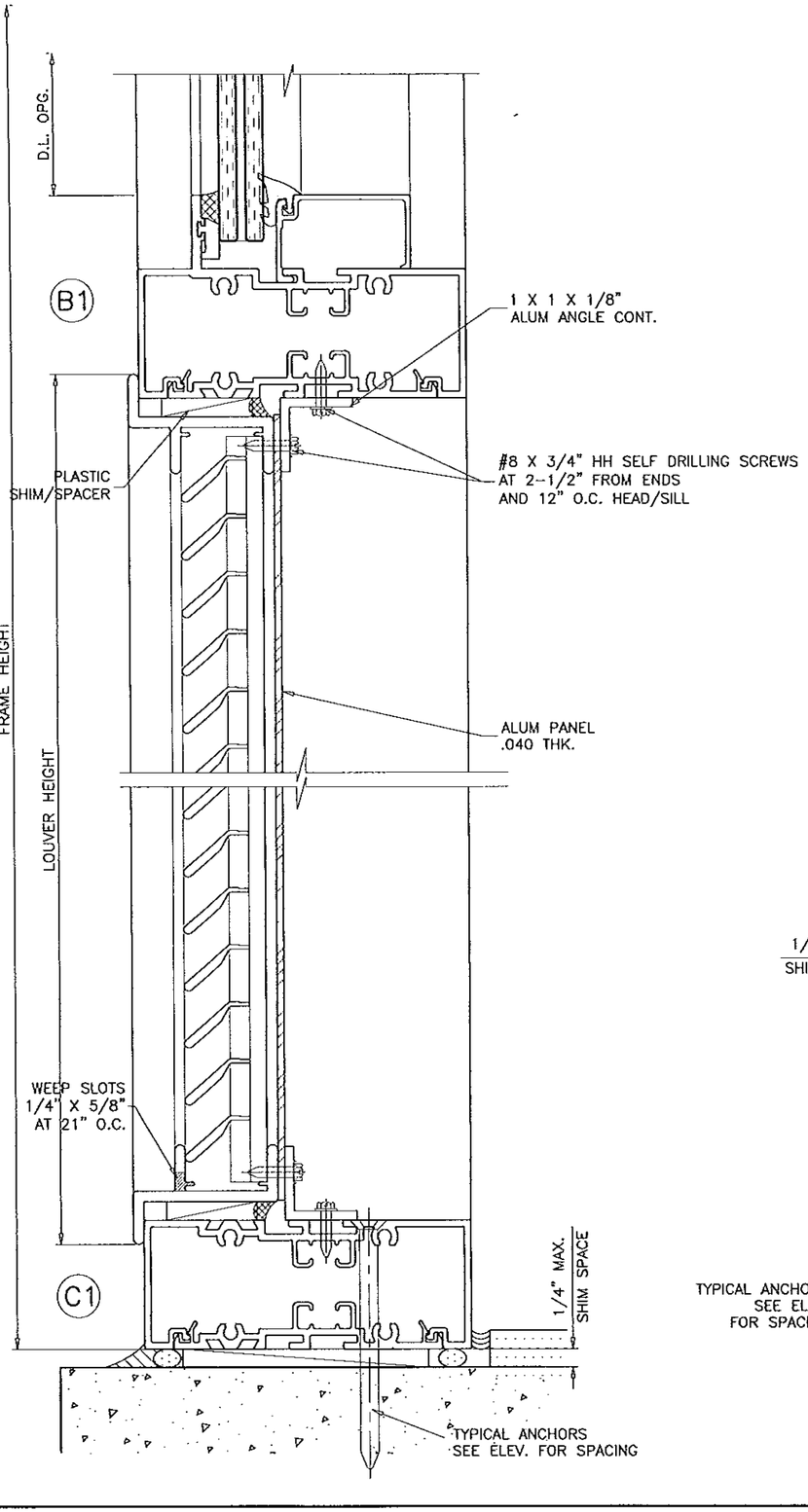
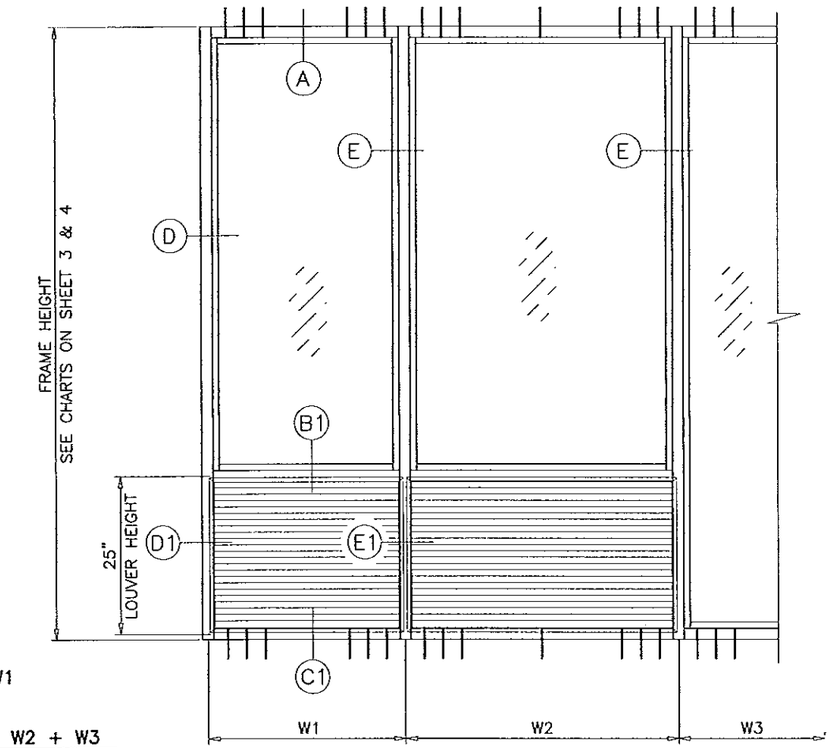


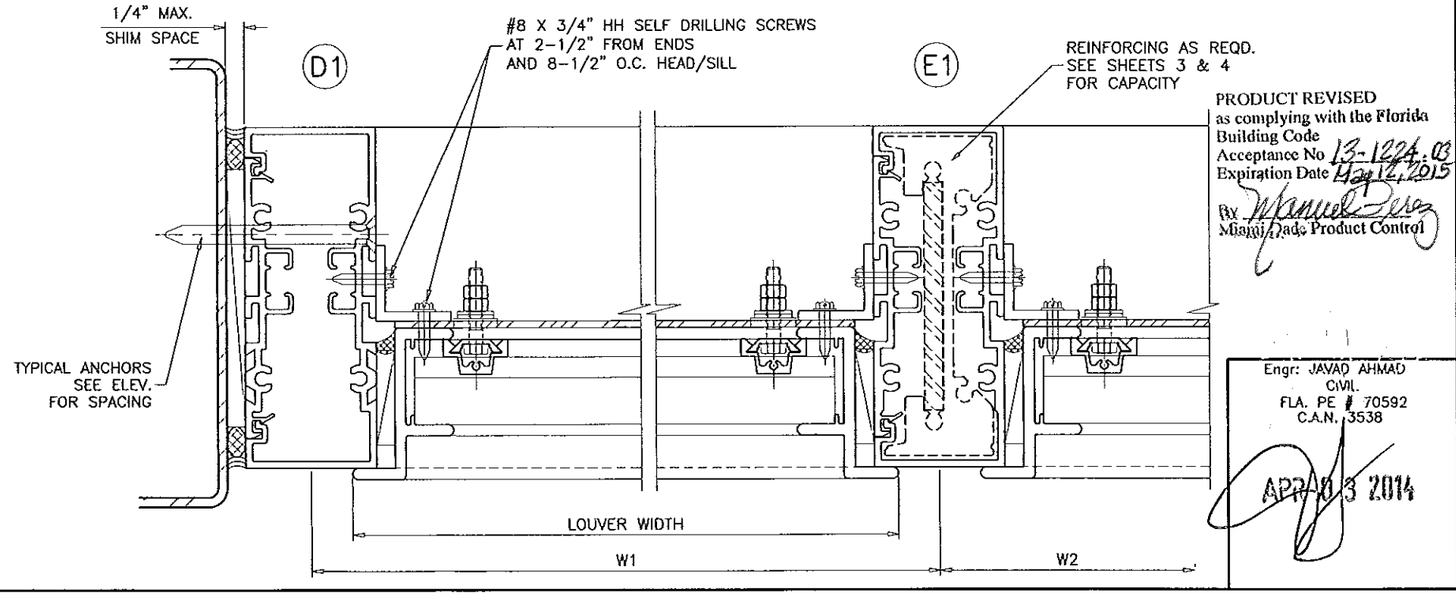
FOR LOUVER FRAMES WITH INTERMEDIATE VERTICAL MULLIONS
REFER TO APPLICABLE CHARTS ON SHEETS 3 & 4.



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

TYPICAL INSTALLATION OF LOUVERS IN THE WINDOW WALL SYSTEM
USE ALUMINUM LOUVERS HOLDING CURRENT NOA
DETAILS FOR 'RELIABLE PRODUCTS' APPROVED LOUVERS SHOWN



PRODUCT REVISED
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Acceptance No 13-1224.03
Expiration Date 4.24.2015
By Manuel Perez
Miami-Dade Product Control

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CIVIL
FLA. PE # 70592
C.A.N. 3538

APPROVED 2014

AL-FAROOQ CORPORATION
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COMP-ANL\W09-24SMI

SERIES SMI-090 ALUM WINDOW WALL (L.M.I.)

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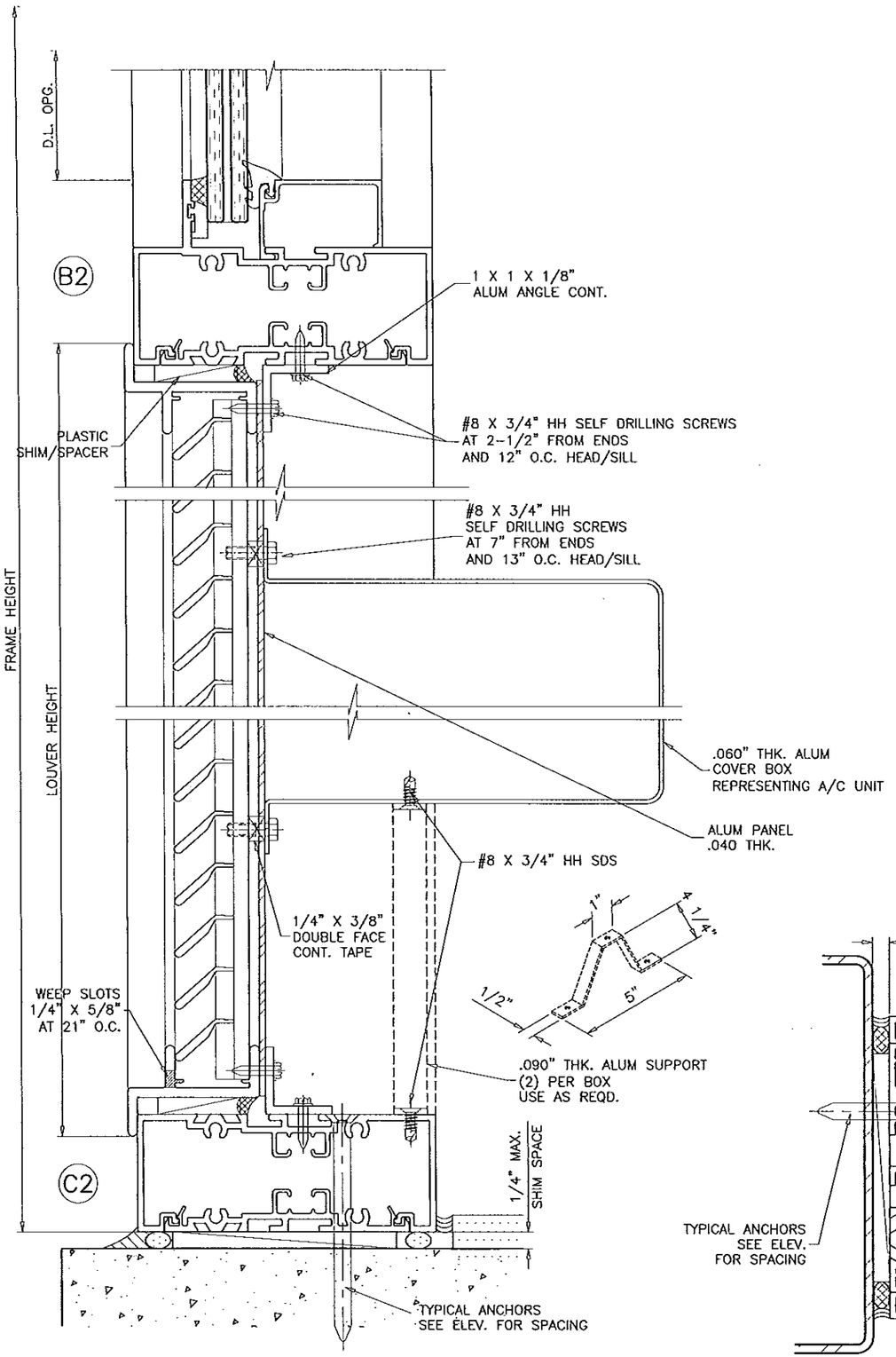
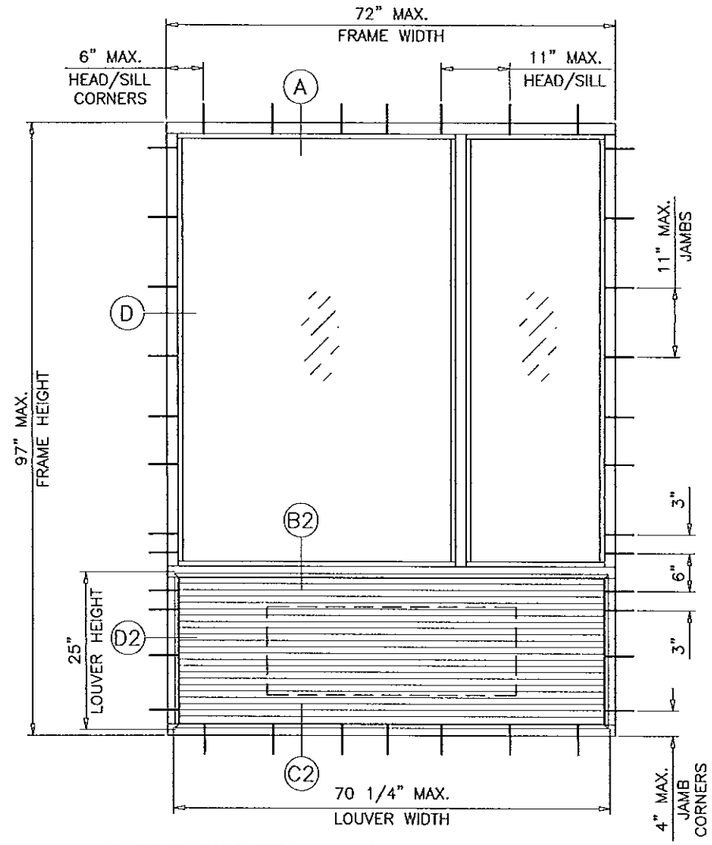
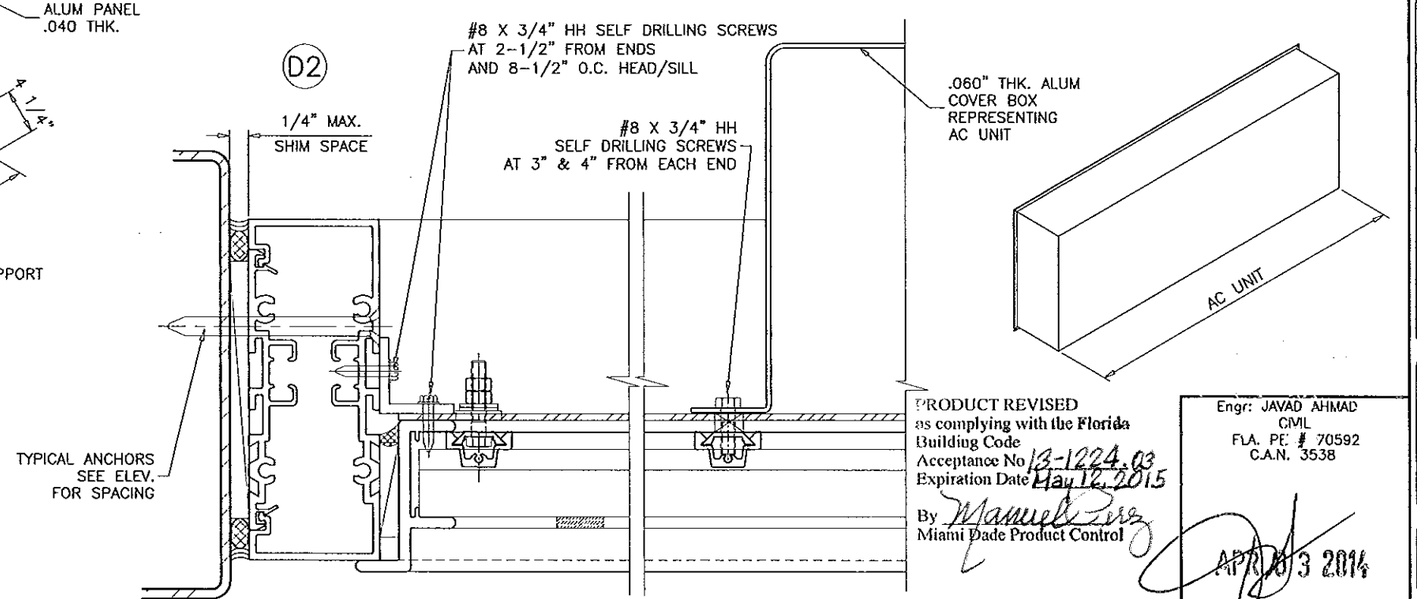
sheet 13.1 of 13





WINDOW WALL SYSTEM WITH LOUVERS TO ACCOMMODATE A/C UNIT

USE ALUMINUM LOUVERS HOLDING CURRENT NOA
DETAILS FOR 'RELIABLE PRODUCTS' APPROVED LOUVERS SHOWN



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