



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)

CGI Windows & Doors
10100 NW 25th Street
Miami, FL 33172

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 "Targa 7300" Outswing White PVC Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W13-24, titled "Series 7300 Vinyl Casement Wdw. (L.M.I./S.M.I.)", sheets 1 through 9 of 9, dated 05/17/13, with revision A dated 01/20/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and approval 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 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: 2/13/14

NOA No. 13-1115.06
Expiration Date: February 20, 2019
Approval Date: February 20, 2014
Page 1

CGI Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W13-24**, titled "Series 7300 Vinyl Casement Wdw. (L.M.I./S.M.I.)", sheets 1 through 9 of 9, dated 05/17/13, with revision A dated 01/20/14, 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
 - 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, and TAS 202-94along with marked-up drawings and installation diagram of extruded vinyl equal leg./fin/flange frame casement windows, prepared by Element Materials Technology., Test Report No. **EMT-ESP014634P**, dated 09/26/13, signed and sealed by Ramesh C. Patel, P.E.

C. CALCULATIONS

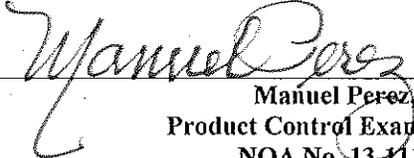
1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 10/08/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.08** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.
2. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.
3. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
4. Notice of Acceptance No. **13-1203.02** issued to **Deceuninck North America, LLC** for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/20/14, expiring on 02/19/19.


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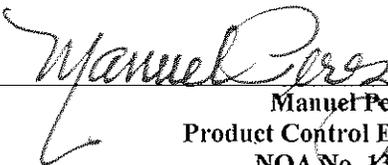
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F. STATEMENTS

1. Statement letter of conformance, and compliance with **FBC 2010** and of no financial interest, dated 05/16/13, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Approved Proposal issued by Product Control Section, dated 01/07/13, signed by Jaime Gascon, P.E.,

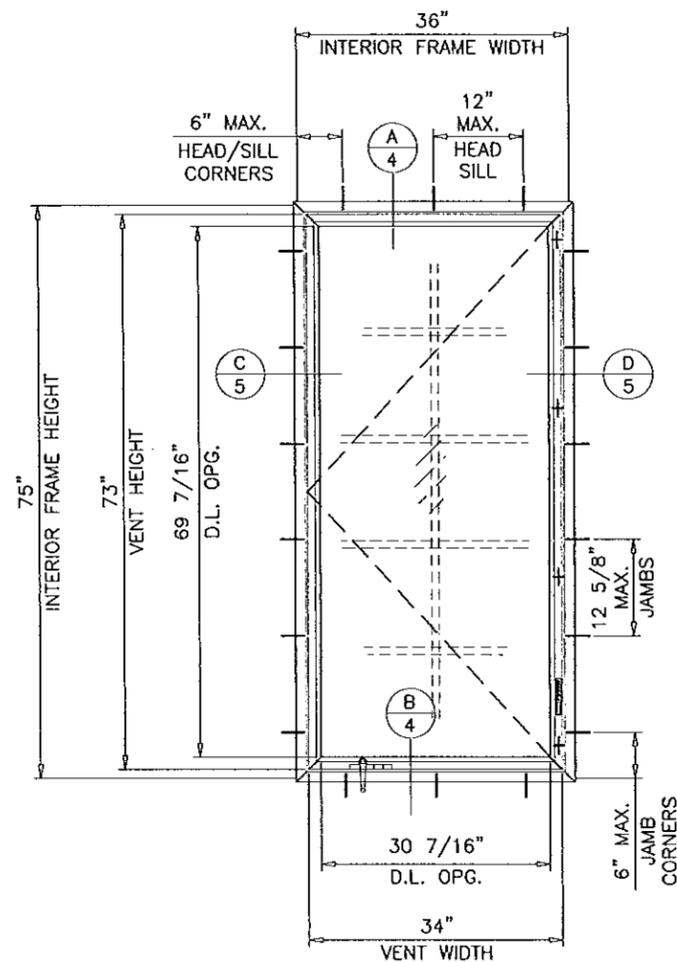
G. OTHERS

1. None.

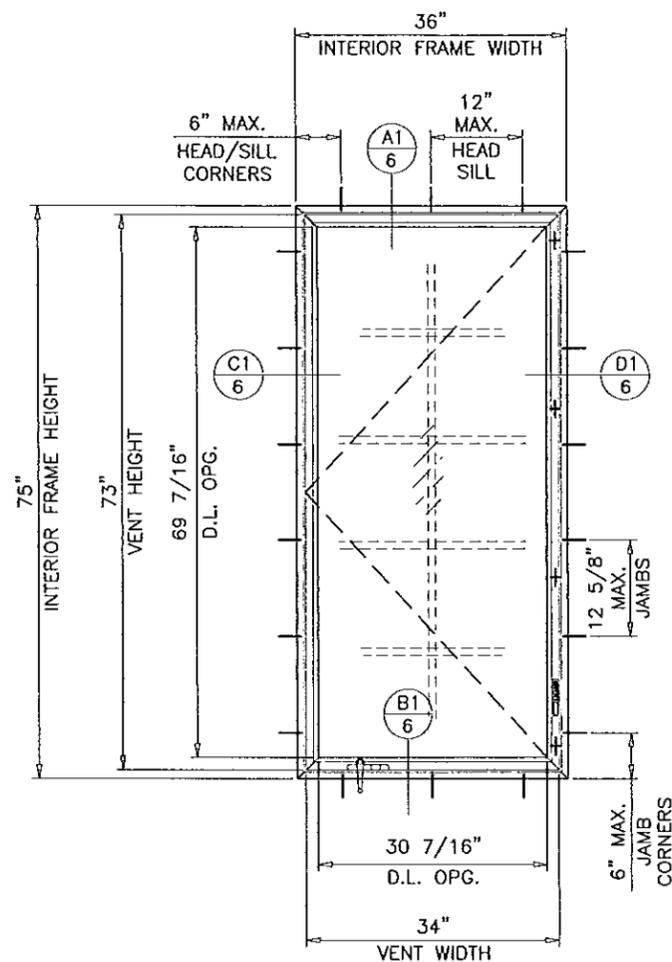


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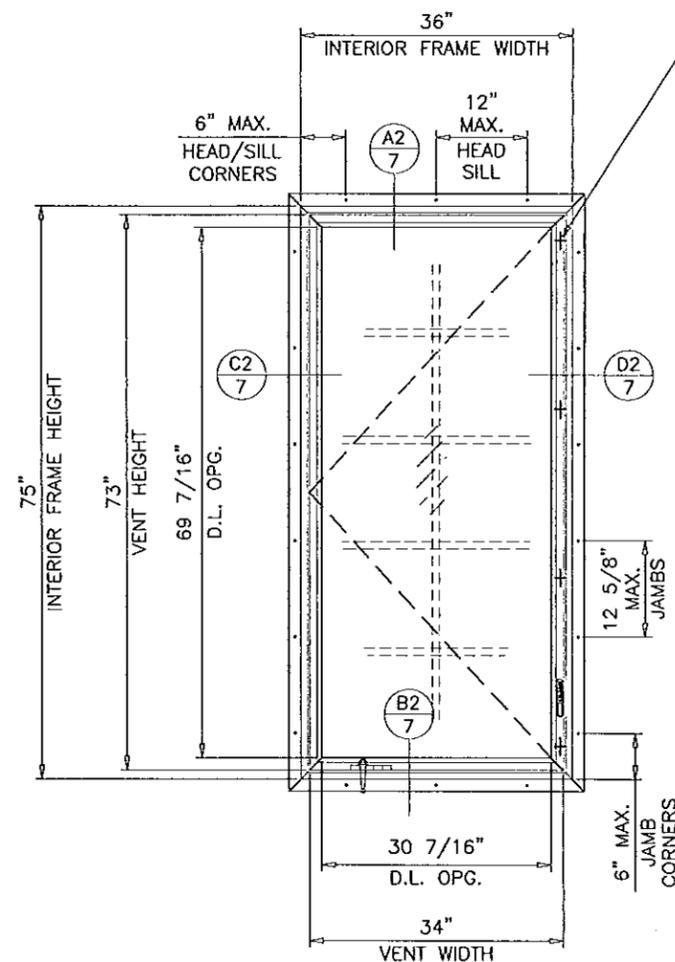
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FLANGE FRAMES



FLUSH FRAMES



FIN FRAMES

TYPICAL ELEVATIONS

WDW. HEIGHT UPTO	NO. OF KEEPERS AT SASH
38"	2
56"	3
74"	4



4 POINT LOCK

SERIES 7300 VINYL CASEMENT WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF CASMT./CASMT. OR CASEMENT WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED CLIPPED 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 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 BLDG. CODE SECTION 2003.8.4.

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

DAYLITE OPENINGS:

DLO WIDTH = INTERIOR FRAME WIDTH - 5.563"
DLO HEIGHT = INTERIOR FRAME HEIGHT - 5.563"

LAMINATED GLASS
INSULATING LAMINATED GLASS
LARGE & SMALL MISSILE IMPACT

SHEET NO.	DESCRIPTION
1	GENERAL NOTES, FLANGE, FLUSH & FIN FRAME ELEVS.
2	WINDOWS CAPACITY CHARTS
3	GLAZING DETAILS
4 & 5	FLANGE FRAME DETAILS
6	FLUSH FRAME DETAILS
7	FIN FRAME DETAILS
8	BILL OF MATERIALS
9	EXTRUSION DETAILS VENT AND FRAME CORNER CONSTRUCTION DETAILS

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
JAN 20 2014

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Date Feb. 20, 2014
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Miami Dade Product Control
By: Manuel Perez



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12335 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W13-24CGI

SERIES 7300 VINYL CASEMENT WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
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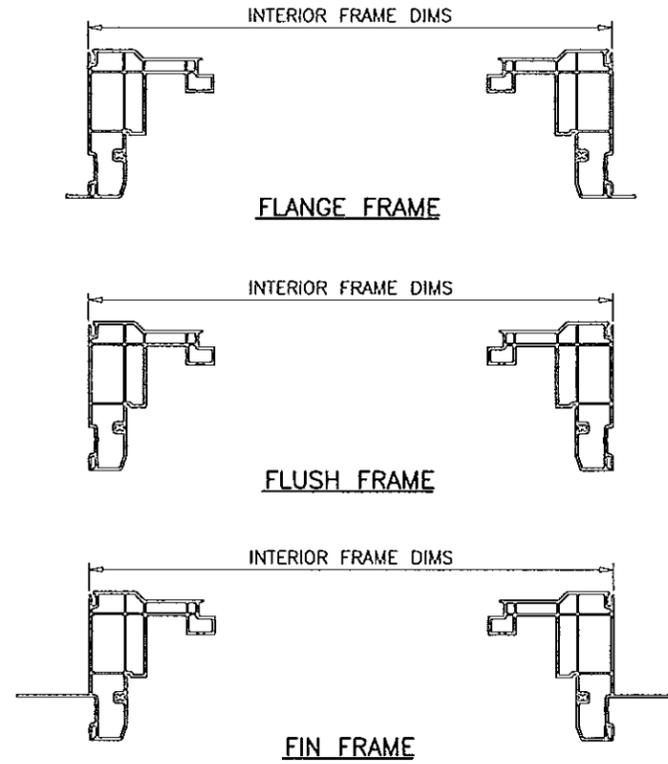
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dr. by: HAMID
chk. by:

drawing no.
W13-24
sheet 1 of 9

DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1', 'B', 'B1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
18-1/8"	25"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
41"		60.0	60.0
18-1/8"	37-3/8"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
41"		60.0	60.0
18-1/8"	49-5/8"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
41"		60.0	60.0
18-1/8"	58"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
41"		60.0	60.0
18-1/8"	62"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
41"		60.0	60.0
18-1/8"	73-1/4"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0
18-1/8"	75"	60.0	60.0
25-1/2"		60.0	60.0
36"		60.0	60.0

DESIGN LOAD CAPACITY - PSF			
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', 'A1', 'B', 'B1'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
23"	35"	60.0	60.0
29"		60.0	60.0
35"		60.0	60.0
41"		60.0	60.0
23"	47"	60.0	60.0
29"		60.0	60.0
35"		60.0	60.0
41"		60.0	60.0
23"	59"	60.0	60.0
29"		60.0	60.0
35"		60.0	60.0
41"		60.0	60.0
23"	71"	60.0	60.0
29"		60.0	60.0
35"		60.0	60.0
23"	83"	60.0	60.0
29"		52.5	52.5



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

Engr: JAVAD AHMAD
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FLA. PE # 70592
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JAN 24 2014

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By Manuel Perez

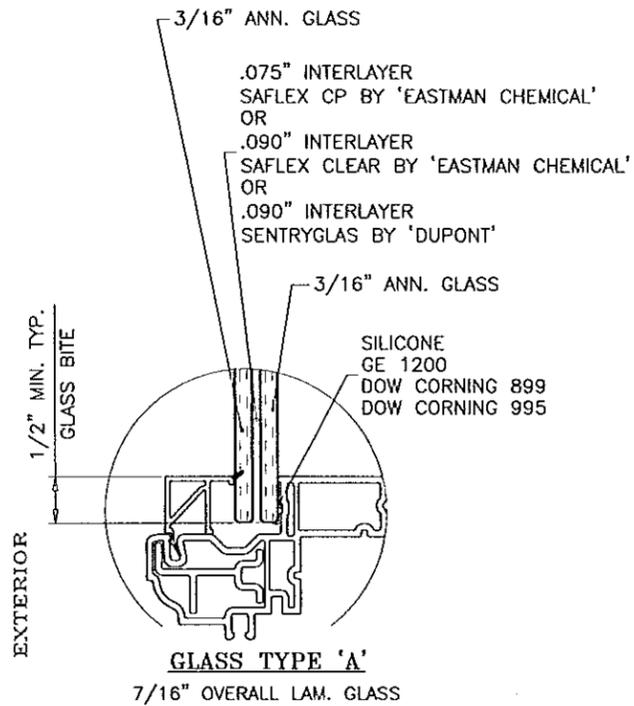
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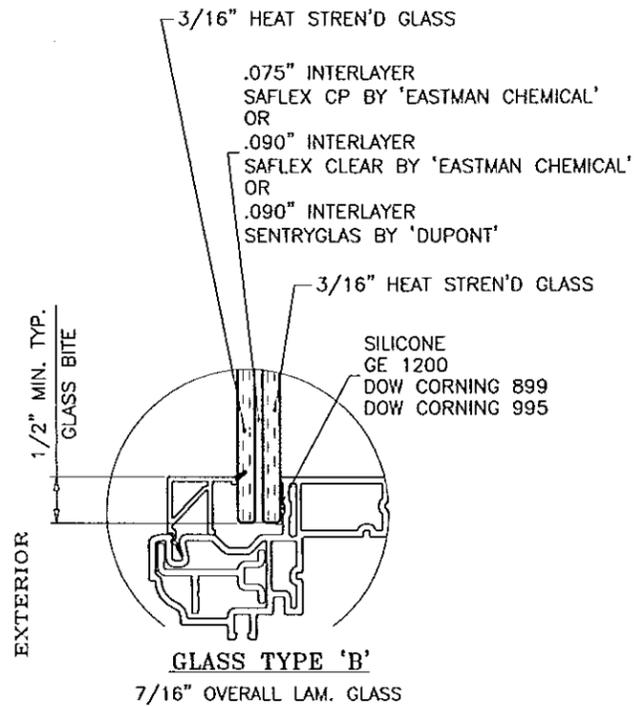
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dr. by: HAMID
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W13-24
sheet 2 of 9

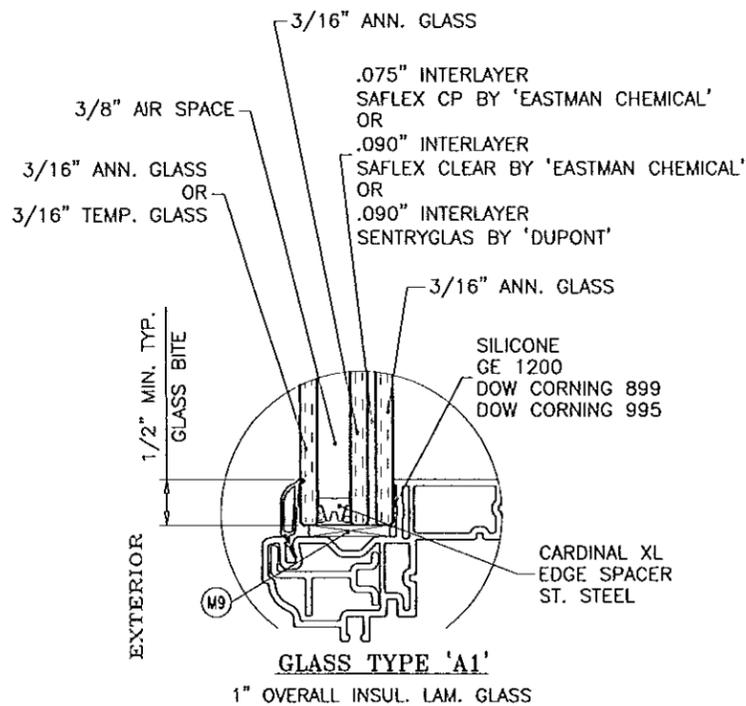


GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

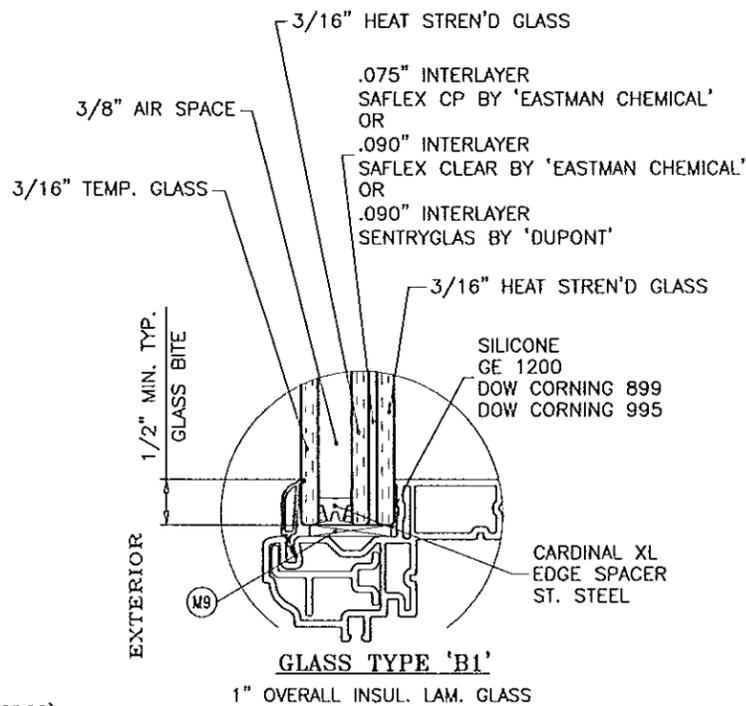


GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

(L.M.I & S.M.I.)



GLASS TYPE 'A1'
1" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'B1'
1" OVERALL INSUL. LAM. GLASS

(L.M.I ONLY)

(S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING
EXTERIOR PLY OF GLASS TYPE 'A1' MUST BE TEMPERED.

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By: *Manuel Perez*

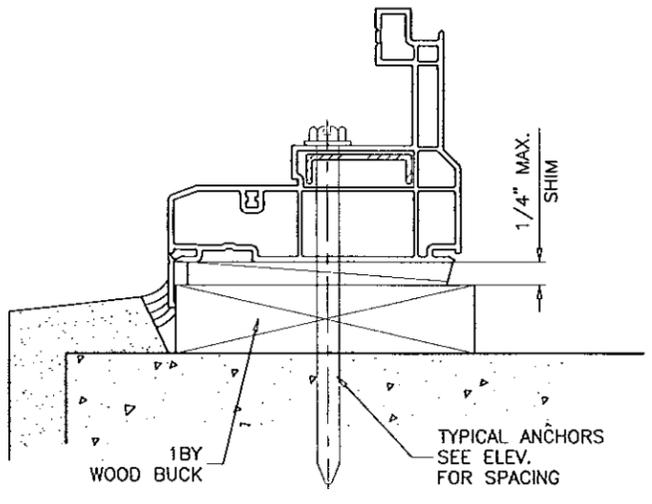
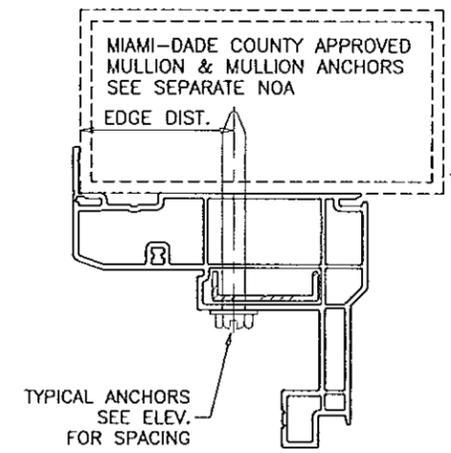
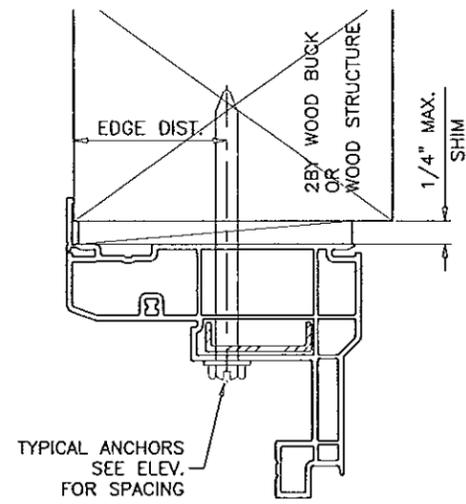
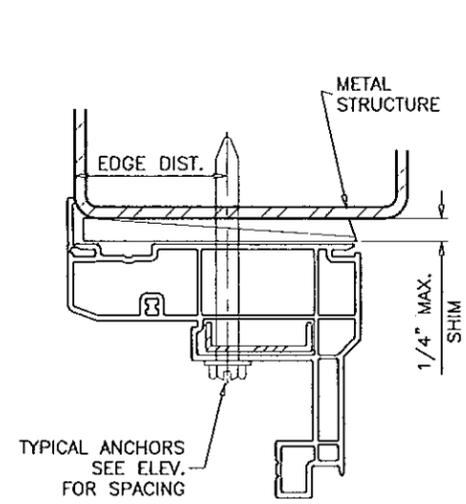
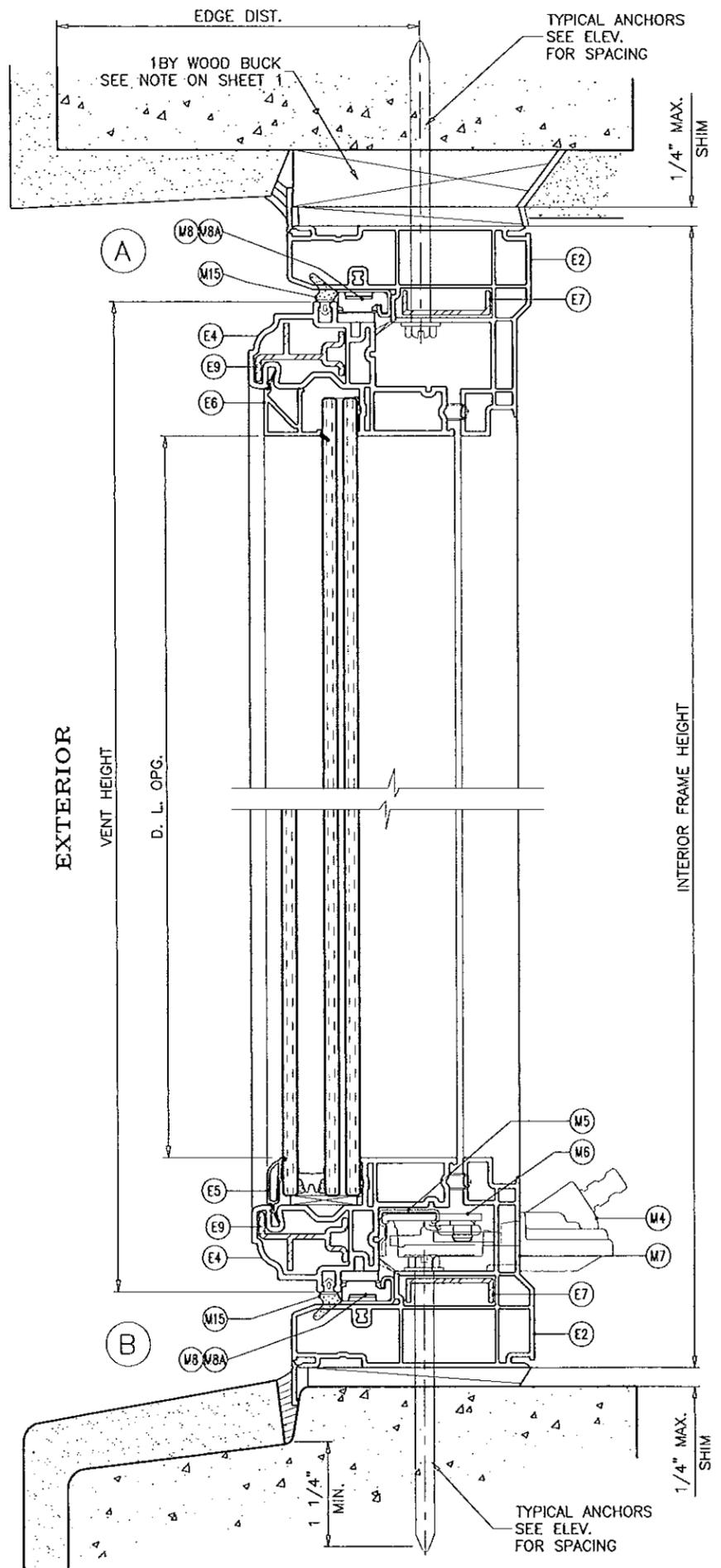
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no	date	description	REV. PER	COMMENTS
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date: 05-17-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W13-24
sheet 3 of 9



WOOD BUCKS AND METAL STRUCTURE NOT BY CGI WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

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

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

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 : 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)

TYPICAL EDGE DISTANCE

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

INTO WOOD STRUCTURE = 1" MIN.

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.

FLANGE FRAMES

Engr: JAVAD AHMAD
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 JAN 23 2014

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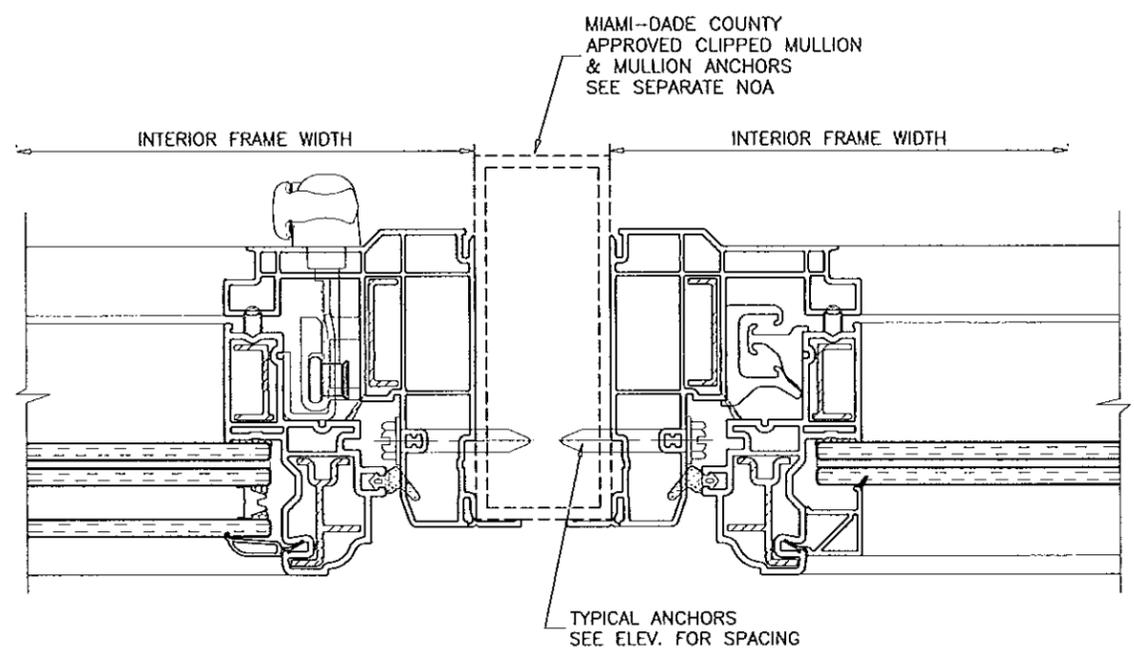
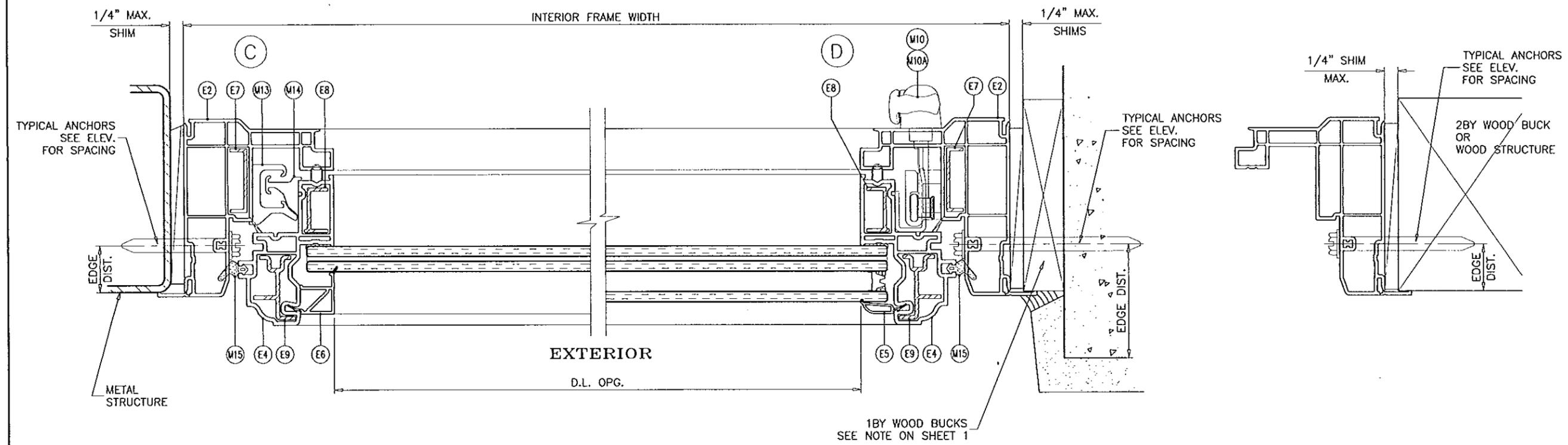
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FLANGE FRAMES

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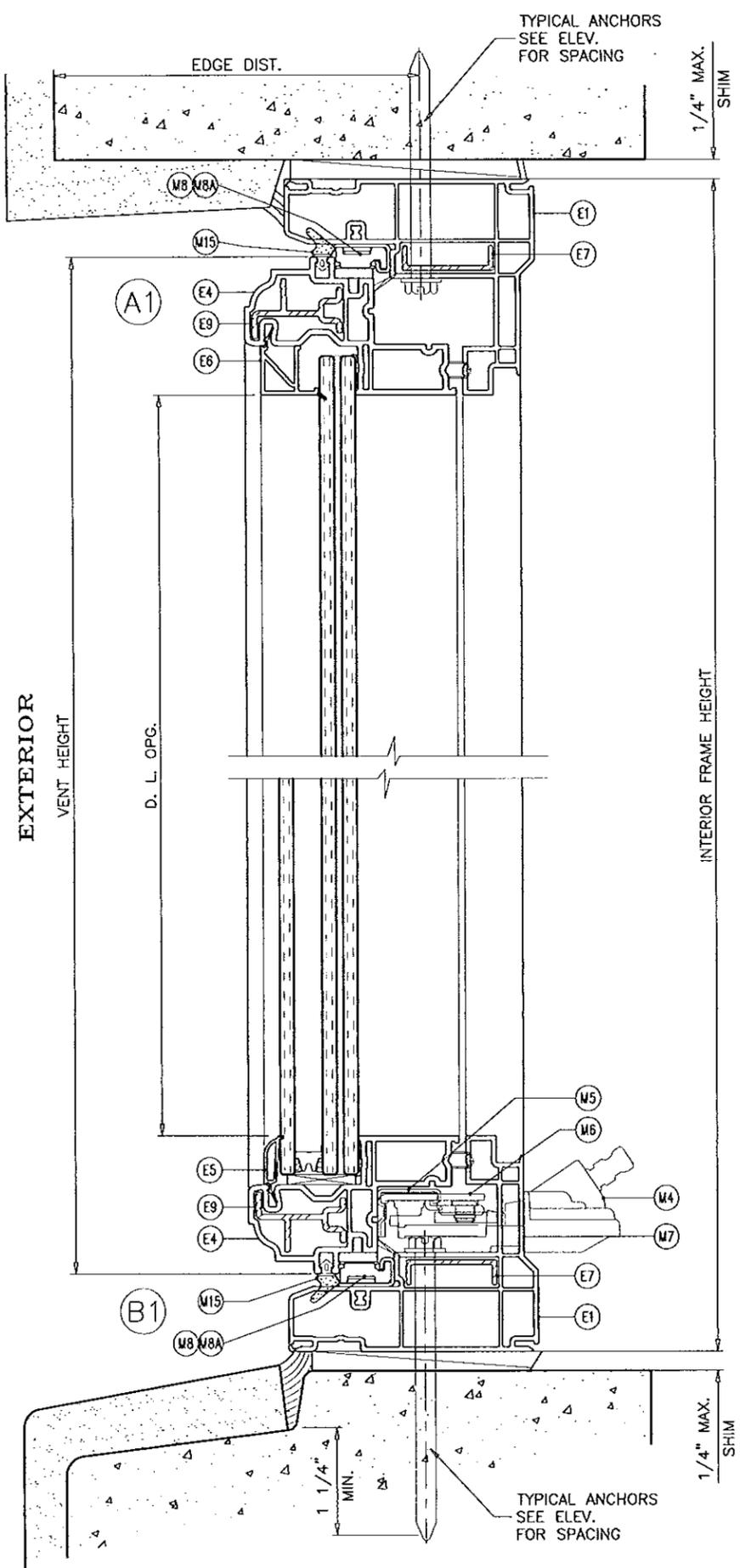
By *Manuel Grez*

revisions:

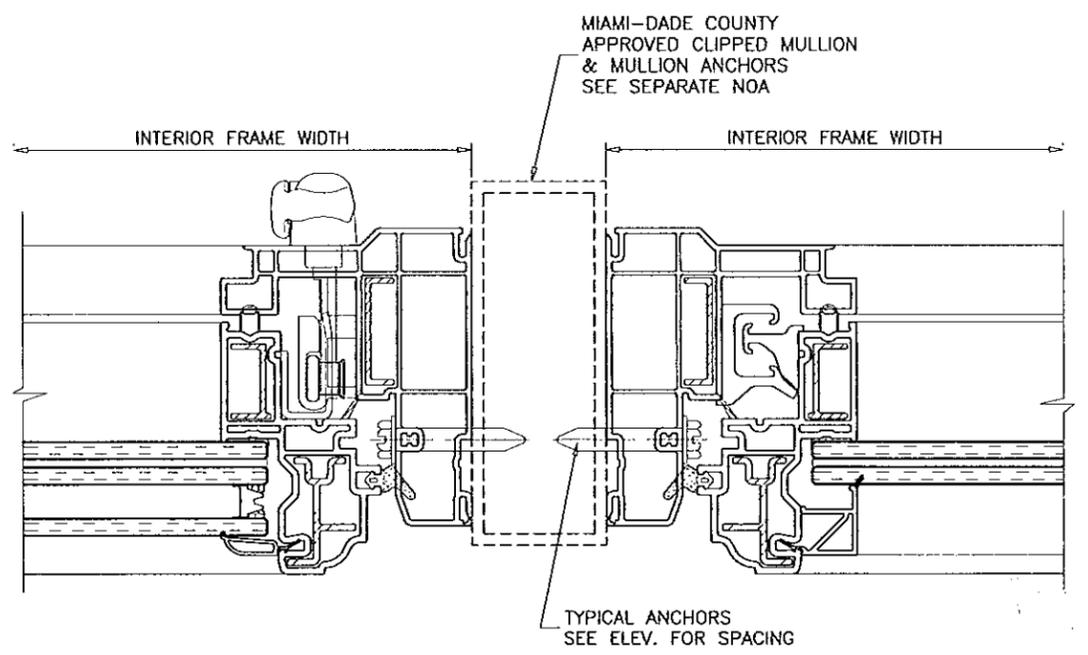
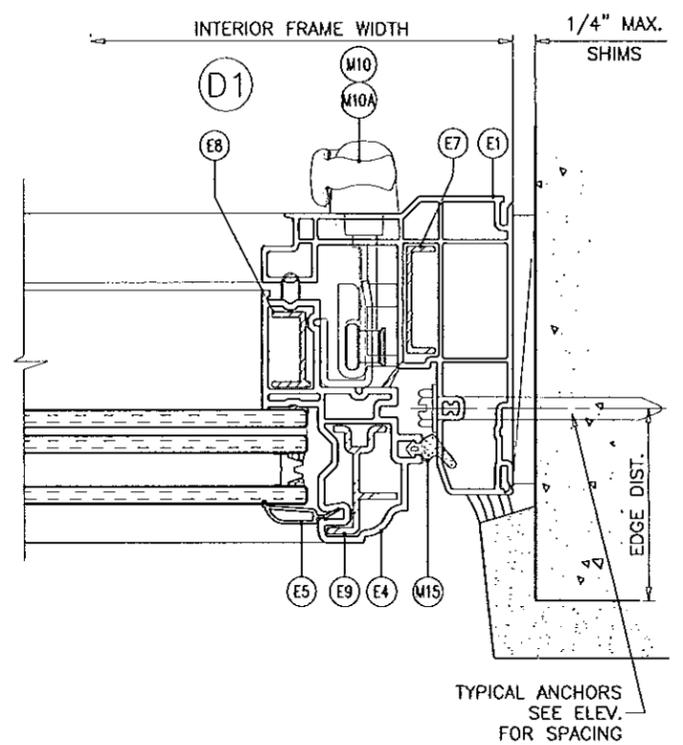
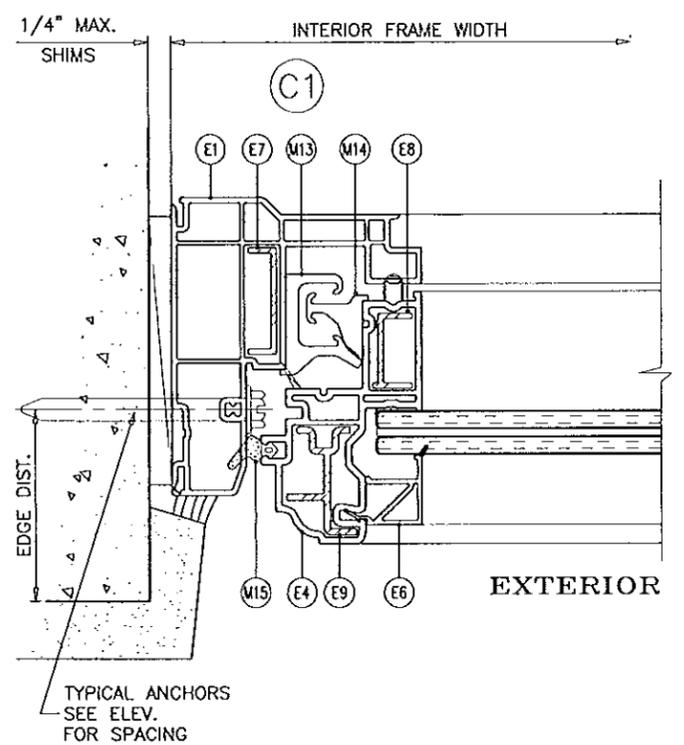
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drawing no.
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 sheet 5 of 9



FLANGE AND FLUSH FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.



FLUSH FRAMES

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 JAN 27 2016

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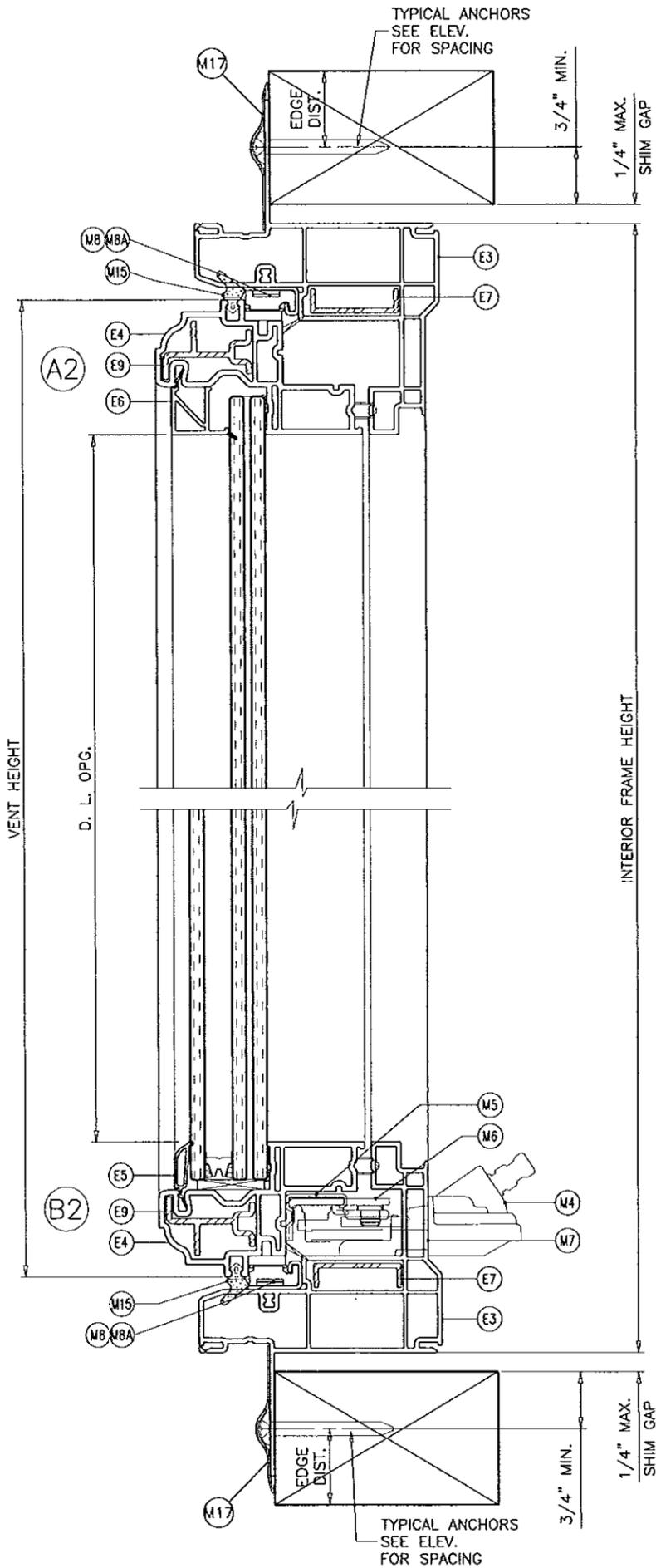
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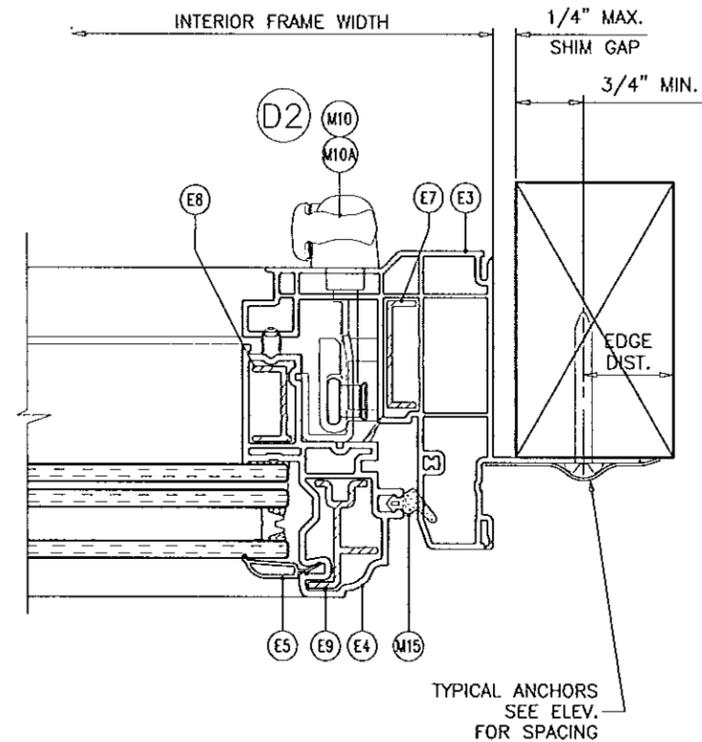
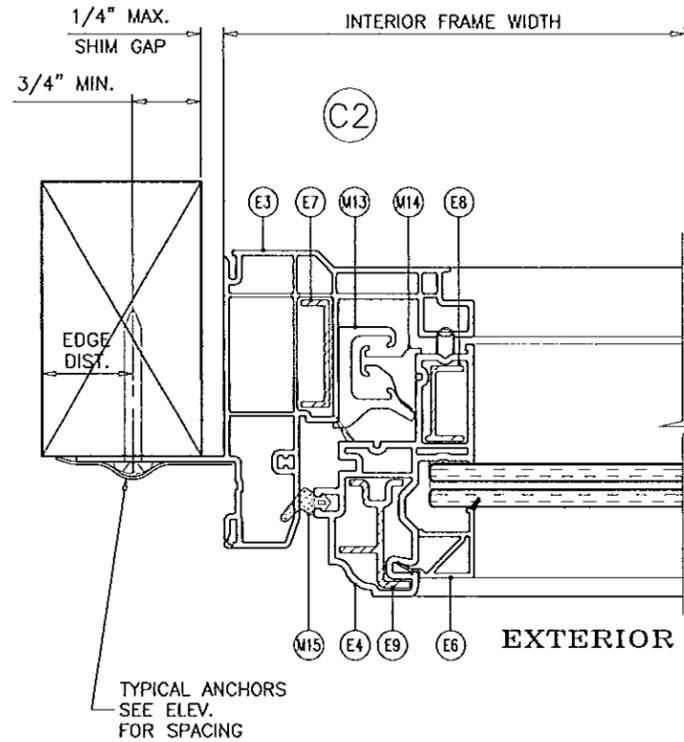
EXTERIOR



TYPICAL ANCHORS:

FIN FRAMES: SEE ELEV. FOR SPACING

#8 SMS/WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/4" MIN. PENETRATION INTO WOOD
 3/4" MIN. EDGE DISTANCE



FIN FRAMES

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 JAN 24 2014

Approved as complying with the
 Florida Building Code
 Date: Feb. 20 2014
 NOA# 13-1115.06
 Miami Dade Product Control
 By: *Manuel Torres*

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8400 FAX. (305) 262-6978
 COMP-ANL\W13-24CG

SERIES 7300 VINYL CASEMENT WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:	no	date	description
	A	01.20.14	REV. PER RER COMMENTS

date:	05-17-13
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.	W13-24
sheet	7 of 9

CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1011	EQUAL LEG FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1017	FLANGE FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1022	FIN FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1012	SASH	PVC	DECEUNINCK NORTH AMERICA LLC.	
E5	CGI-1008	IG GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E6	CGI-1025	7/16" MONOLITHIC GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E7	CGI-804	FRAME REINFORCEMENT	6005A-T5	CGI EXTRUDER	
E8	CGI-805	SASH REINFORCEMENT (SMALL)	6005A-T5	CGI EXTRUDER	
E9	CGI-806	SASH REINFORCEMENT (LARGE)	6005A-T5	CGI EXTRUDER	
M1	SCS 1200	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	GENERAL ELECTRIC	
M2	DOW 995	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M3	DOW 899	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M4	50.10.00.011	OPERATOR		TRUTH	OPTIONAL
M5	11576.92	OPERATOR TRACK AND SLIDER ASSEMBLY		TRUTH	OPTIONAL
M6	12511.92	STUD BRACKET		TRUTH	OPTIONAL
M7	32658	GASKET		TRUTH	OPTIONAL
M8	14.97.00.005(006)	HINGE AT HEAD & SILL		TRUTH	
M8A	BPRPS-2501-13DSS(13GSS)	ALT. HINGE AT HEAD & SILL		RADISSON INDUSTRIES	
M9	-	SETTING BLOCK, 2 PER LITE	EPDM	-	DUROMETER 85±5
M10	-	MULTI POINT LOCK SYSTEM		TRUTH	
M10A	-	ALT. MULTI POINT LOCK SYSTEM		RADISSON INDUSTRIES	
M13	72-10039	FRAME SNUBBER AT 15" O.C.	6005A-T5	CGI EXTRUDER	
M14	72-10040	SASH SNUBBER AT 15" O.C.	6005A-T5	CGI EXTRUDER	
M15	QWS-580	SASH SEAL	VINYL	SCHLEGEL	
M17		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
S2		# 8 X 1" FLAT HEAD SMS - OPERATOR TRACK			4 PER TRACK
S3		# 8 X 1" FLAT HEAD SMS - OPERATOR			6 PER OPERATOR
S4		# 7 X 1/2" FLAT HEAD SMS - HINGE TRACK			4 PER HINGE
S5		# 8 X 1/2" PAN HEAD SMS - KEEPER			2 PER KEEPER
S6		# 10-24 X 9/16" PAN HEAD SMS - LOCK HANDLE			2 PER HANDLE
S7		# 8 X 1-1/2" PAN HEAD SMS - TIE BAR GUIDES			2 PER GUIDE
S8		# 6 X 1/2" FLAT HEAD SMS - SNUBBERS			2 PER SNUBBER
S9		# 8 X 1" FLAT HEAD SMS - STUD BRACKET			2 PER BRACKET
S10		# 7 X 5/8" FLAT HEAD SMS - HINGE ARM			4 PER HINGE

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.

Engr: JAVAD AHMAD
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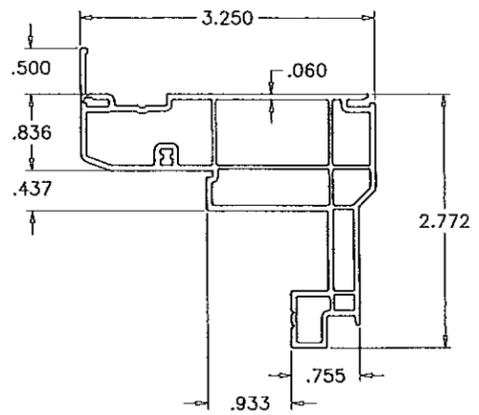
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no	date	by	description
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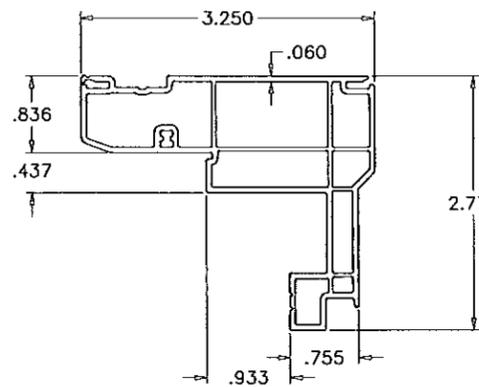
date: 05-17-13
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chk. by:

drawing no.
W13-24

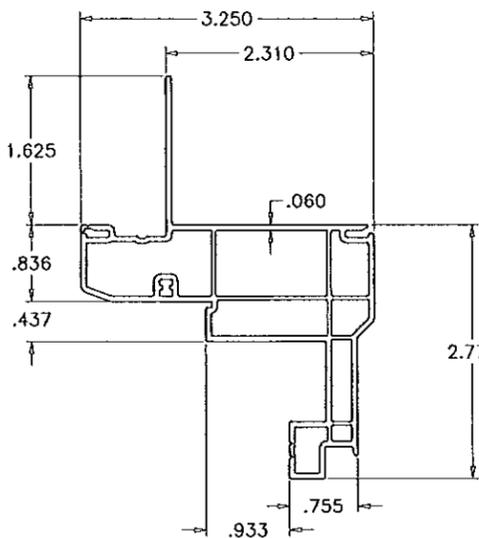
sheet 8 of 9



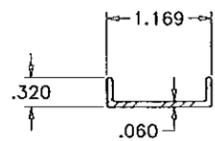
(E2) FLANGE FRAME



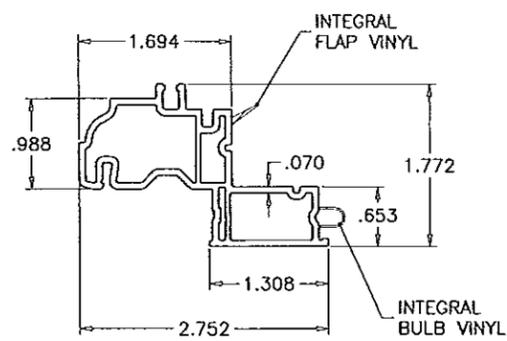
(E1) FLUSH FRAME



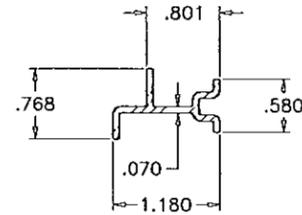
(E3) FIN FRAME



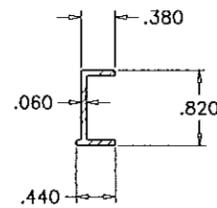
(E7) FRAME REINFORCING



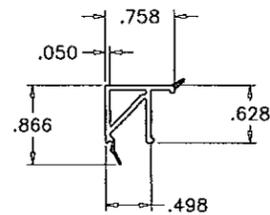
(E4) VENT



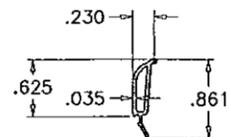
(E9) VENT REINFORCING



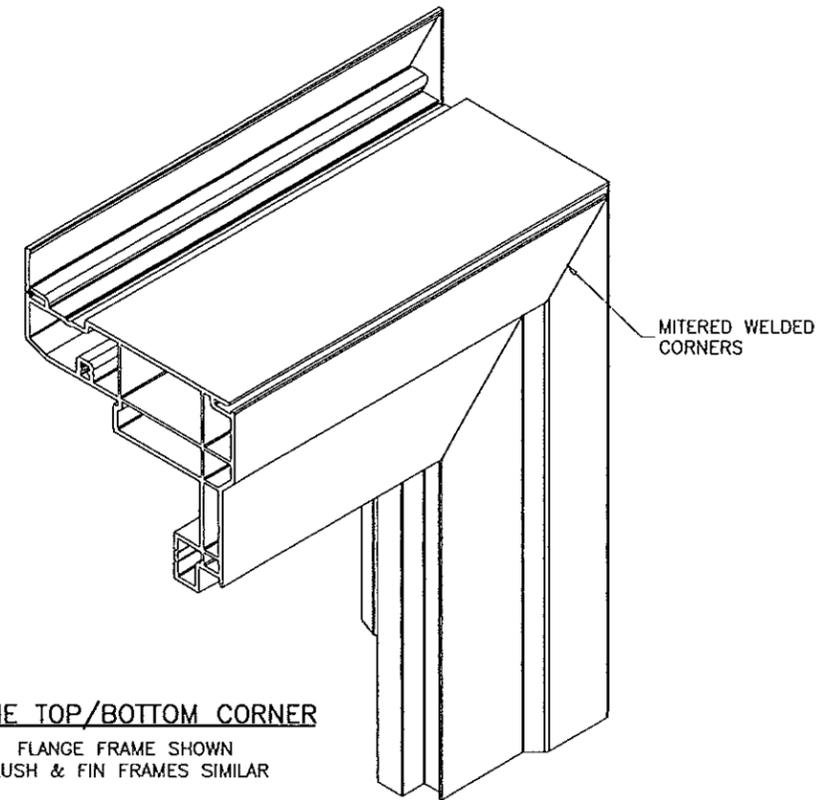
(E8) VENT REINFORCING



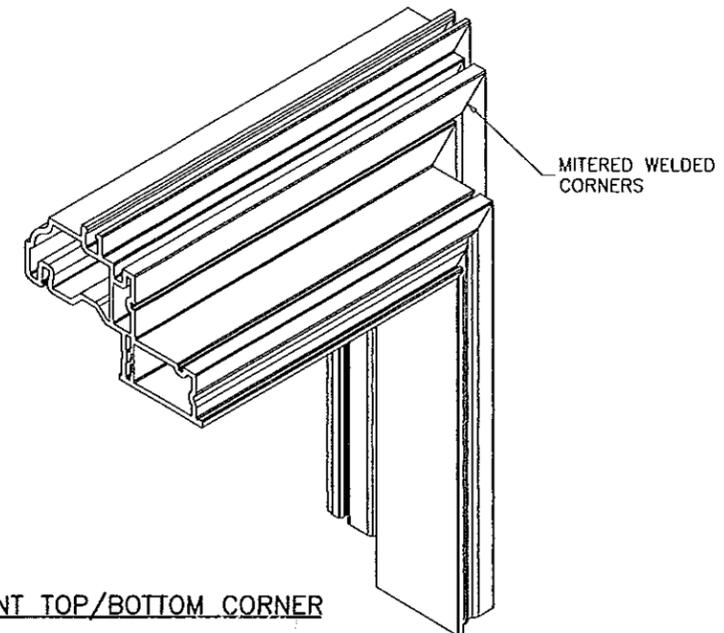
(E6) GLAZING BEAD (LAM. GLASS)



(E5) GLAZING BEAD (INSUL. LAM. GLASS)



FRAME TOP/BOTTOM CORNER
FLANGE FRAME SHOWN
FLUSH & FIN FRAMES SIMILAR



VENT TOP/BOTTOM CORNER

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JAN 28 2014

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