



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
 11805 SW 26th Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

CGI WINDOWS AND DOORS, INC.

10100 NW 25 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 by Miami-Dade County Product Control Section and accepted by the Board of Rules and Appeals (BORA) 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. BORA 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 "130 Sentinel " Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **WI0-02**, titled Series "130 Sentinel Aluminum Fixed Window (L.M.I. / S.M.I.)", sheets 1 through 6 of 6, dated 01/30/10, with the latest revision no. "C", dated 02/28/11, 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.

LIMITATIONS: The exterior insulated glazing shall be tempered glass for Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises **NOA No. 10-0510.13** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
 3/22/11

NOA No. 11-0303.03
Expiration Date: September 22, 2015
Approval Date: March 31, 2011
 Page 1

CGI WINDOWS AND DOORS, INC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W10-02**, titled Series "130 Sentinel Aluminum Fixed Window (L.M.I. / S.M.I.)", sheets 1 through 6 of 6, dated 01/30/10, with the latest revision no. "C", dated 02/28/11, 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 203-94along with marked-up drawings and installation diagram of mullion, prepared by Hurricane test Laboratory, LLC, Test Report No. **HTL-0080-0103-10**, dated March 30, 2010, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No.10 -0510.13)

C. CALCULATIONS

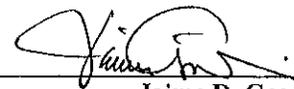
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 02/28/11, signed and sealed by Javad Ahmad, P. E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **10-0413.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/26/2010, expiring on 01/14/12.
2. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.
3. Notice of Acceptance No. **08-0520.08** issued to Solutia Inc. for their "**Vanceva Composites Glass Interlayer**" dated 7/17/08, expiring on 12/11/13.



Jaime D. Gascón, P. E.

Product Control Section Supervisor

NOA No. 11-0303.03

Expiration Date: September 22, 2015

Approval Date: March 31, 2011

CGI WINDOWS AND DOORS, INC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, no financial interest and compliance with the FBC--2007, dated February 28, 2011, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letter for Test Report No. **HTL-0080-0103-10**, issued by Hurricane Test Laboratory, LLC, dated March 30, 2010, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No.10 -0510.13)
3. Proposal No. **09-0032** issued by BCCO, dated October 22, 2009, signed by Renzo Narcisco.
(Submitted under previous NOA No.10 -0510.13)

G. OTHERS

1. Notice of Acceptance No. **10-0510.13**, issued to CGI Windows and Doors, Inc. for their Series "**130 Sentinel Aluminum Fixed Window - L.M.I.**", approved on 09/22/10 and expiring on 09/22/15.



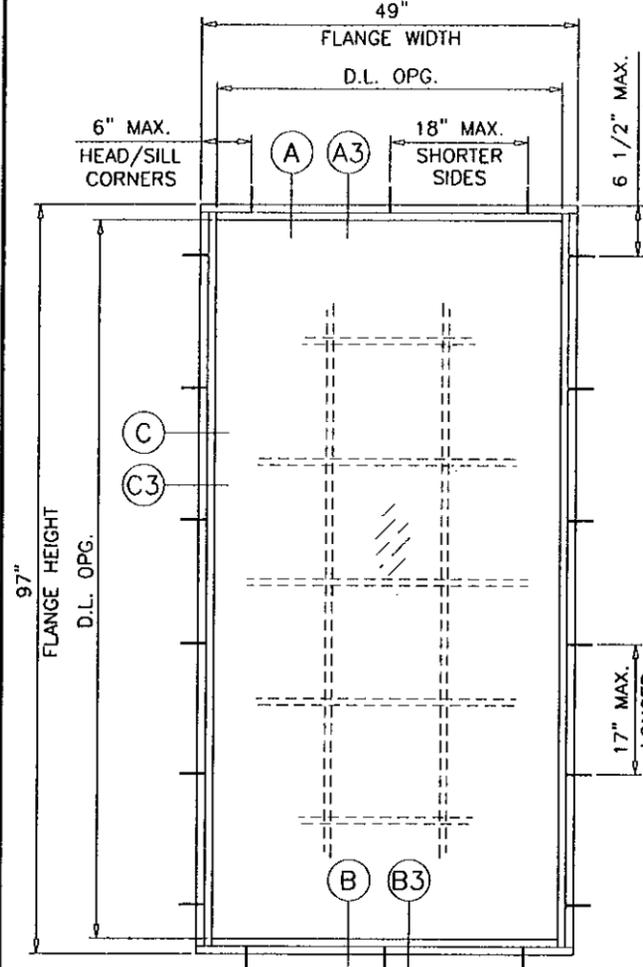
Jaime D. Gascon, P. E.

Product Control Section Supervisor

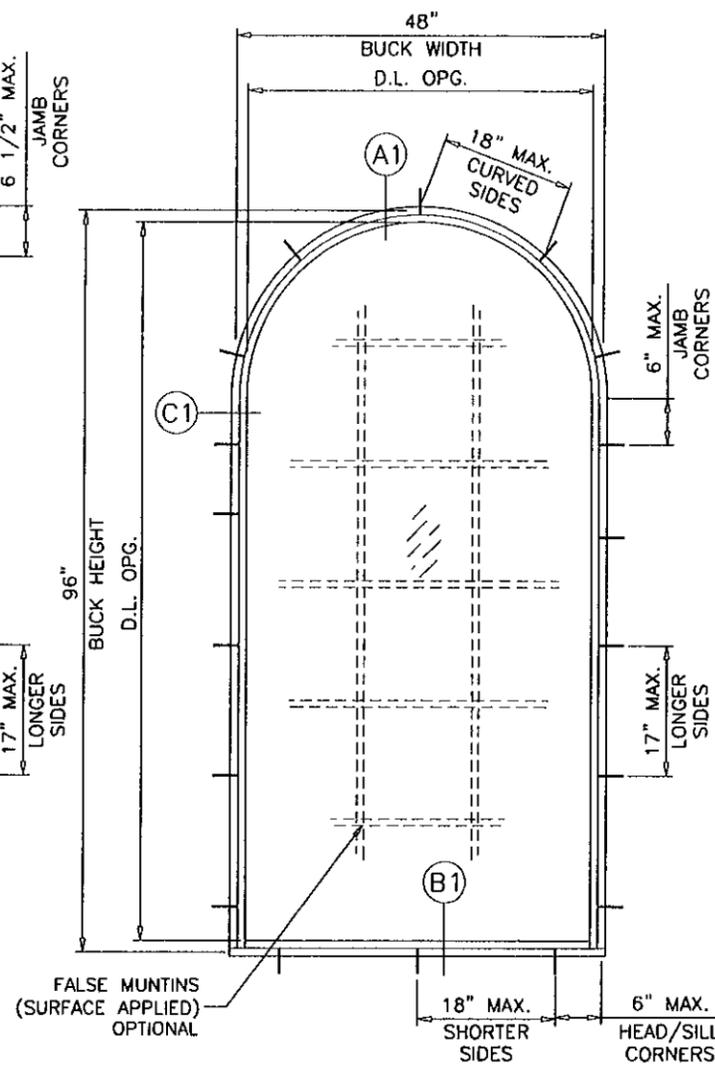
NOA No. 11-0303.03

Expiration Date: September 22, 2015

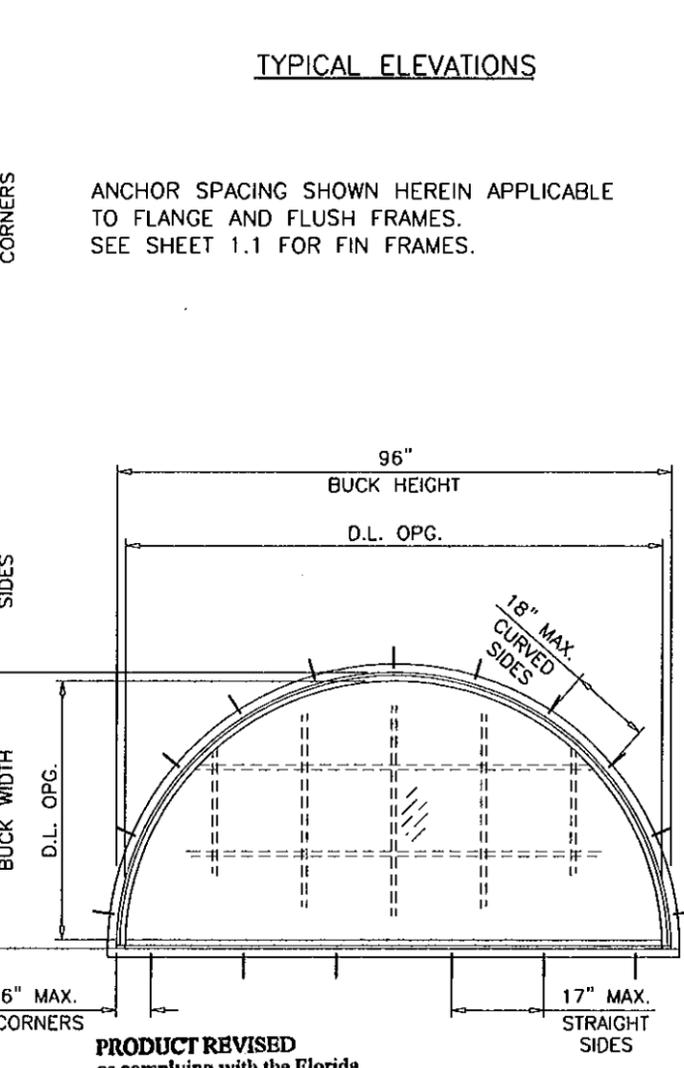
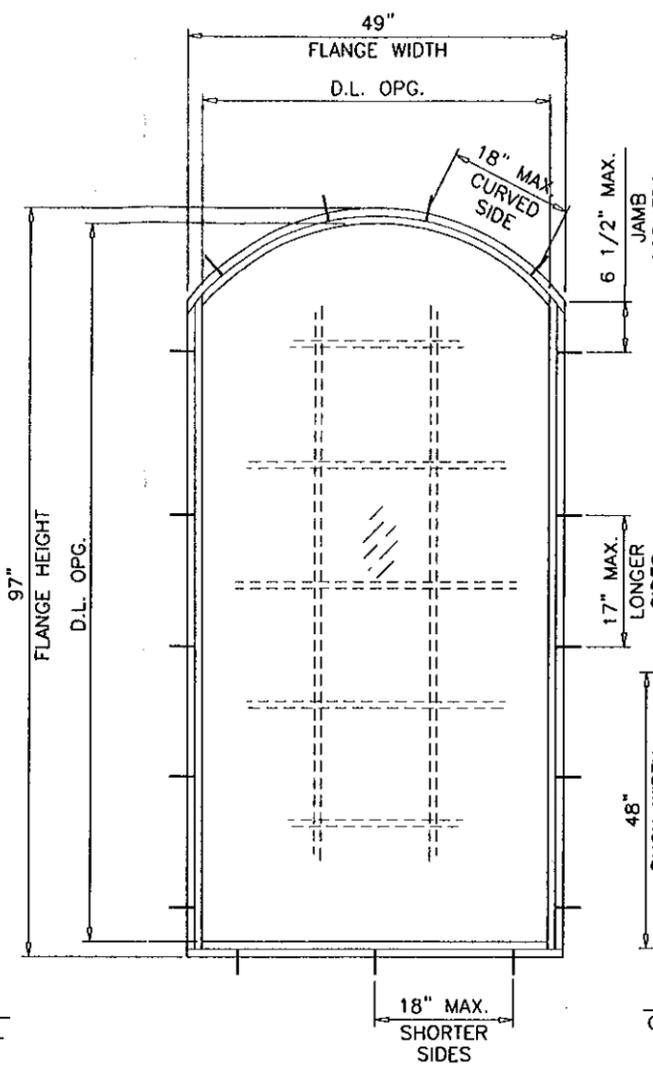
Approval Date: March 31, 2011



FLANGE & FLANGE ADAPTOR FRAME



EQUAL LEG FRAME



TYPICAL ELEVATIONS

ANCHOR SPACING SHOWN HEREIN APPLICABLE TO FLANGE AND FLUSH FRAMES. SEE SHEET 1.1 FOR FIN FRAMES.

SERIES 130 SENTINEL ALUMINUM FIXED 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 FIX./FIX. OR FIX. WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

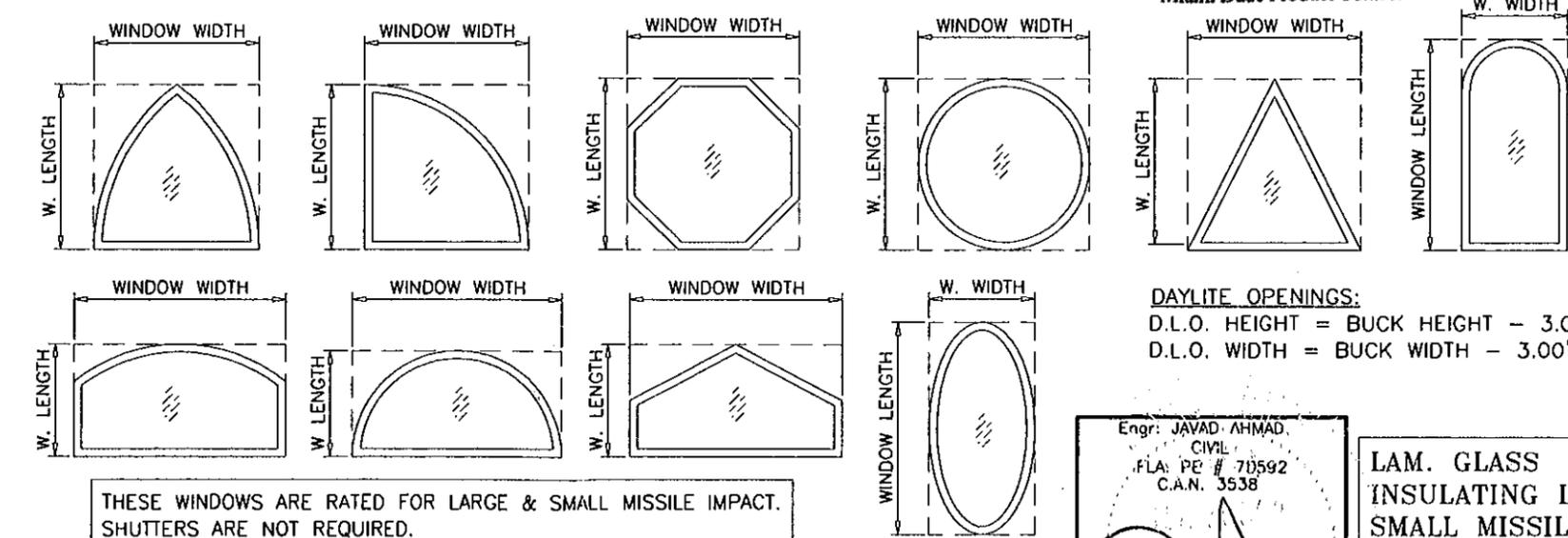
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



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

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

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. **11-0303.03**
Expiration Date **09/22/2015**
By *[Signature]*
Miami Dade Product Control

DAYLITE OPENINGS:
D.L.O. HEIGHT = BUCK HEIGHT - 3.00"
D.L.O. WIDTH = BUCK WIDTH - 3.00"

Engr: JAVAD AHMAD, CIVIL
FLA. PE # 70592
C.A.N. 3538
MAR 02 2011

LAM. GLASS
INSULATING LAM. GLASS
SMALL MISSILE IMPACT
LARGE MISSILE IMPACT

af c

AL-FAROOQ CORP.
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-02CGI

SERIES 130 SENTINEL ALUM FIXED WINDOW (S.M.)(L.M.I.)

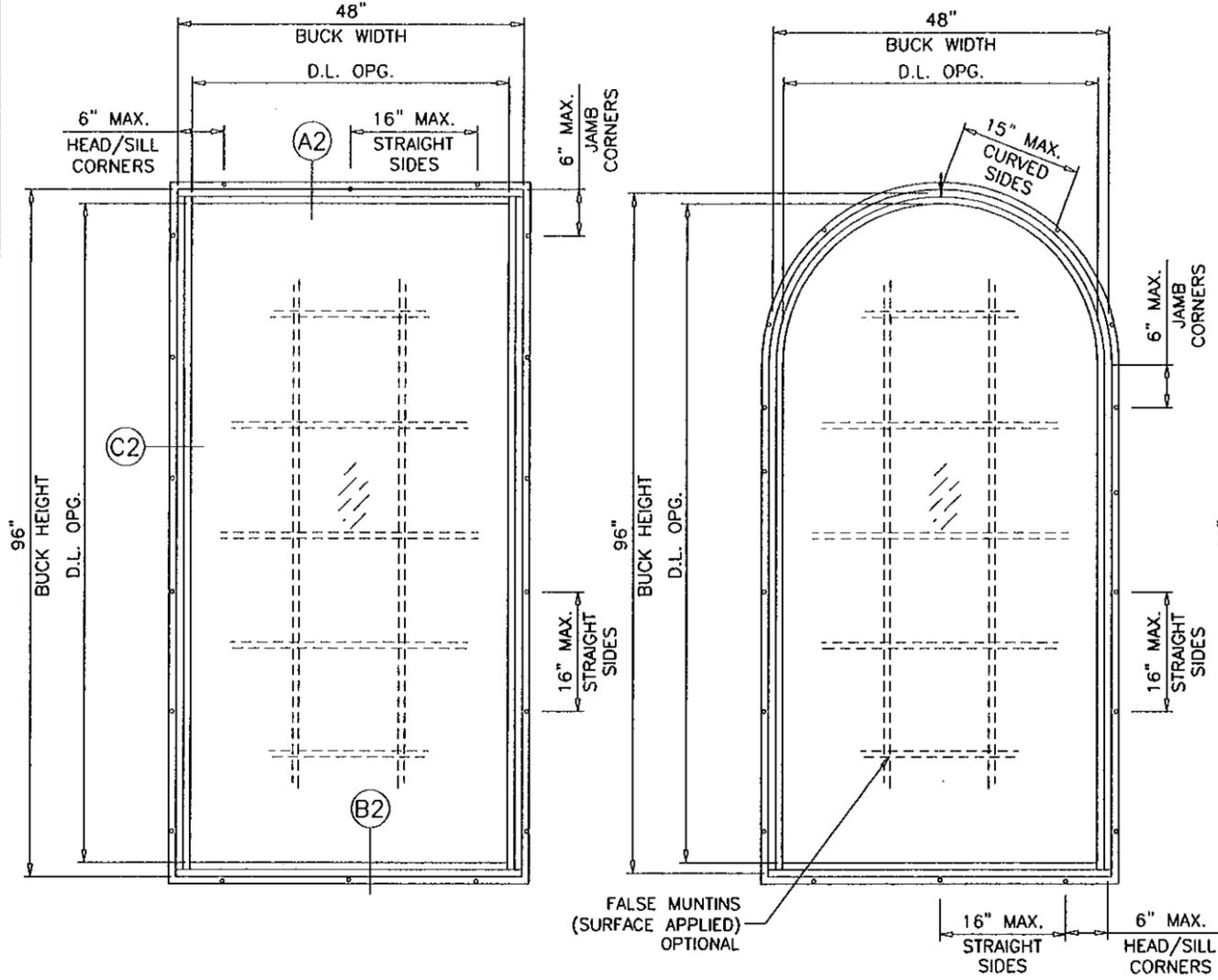
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

no.	date	by	description
A	08.13.10		NO CHANGE THIS SHEET
B	09.13.10		NO CHANGE THIS SHEET
C	02.28.11		NO CHANGE THIS SHEET

revisions:

date: 01-30-10
scale: 1/2"=1'-0"
dr. by:
chk. by:

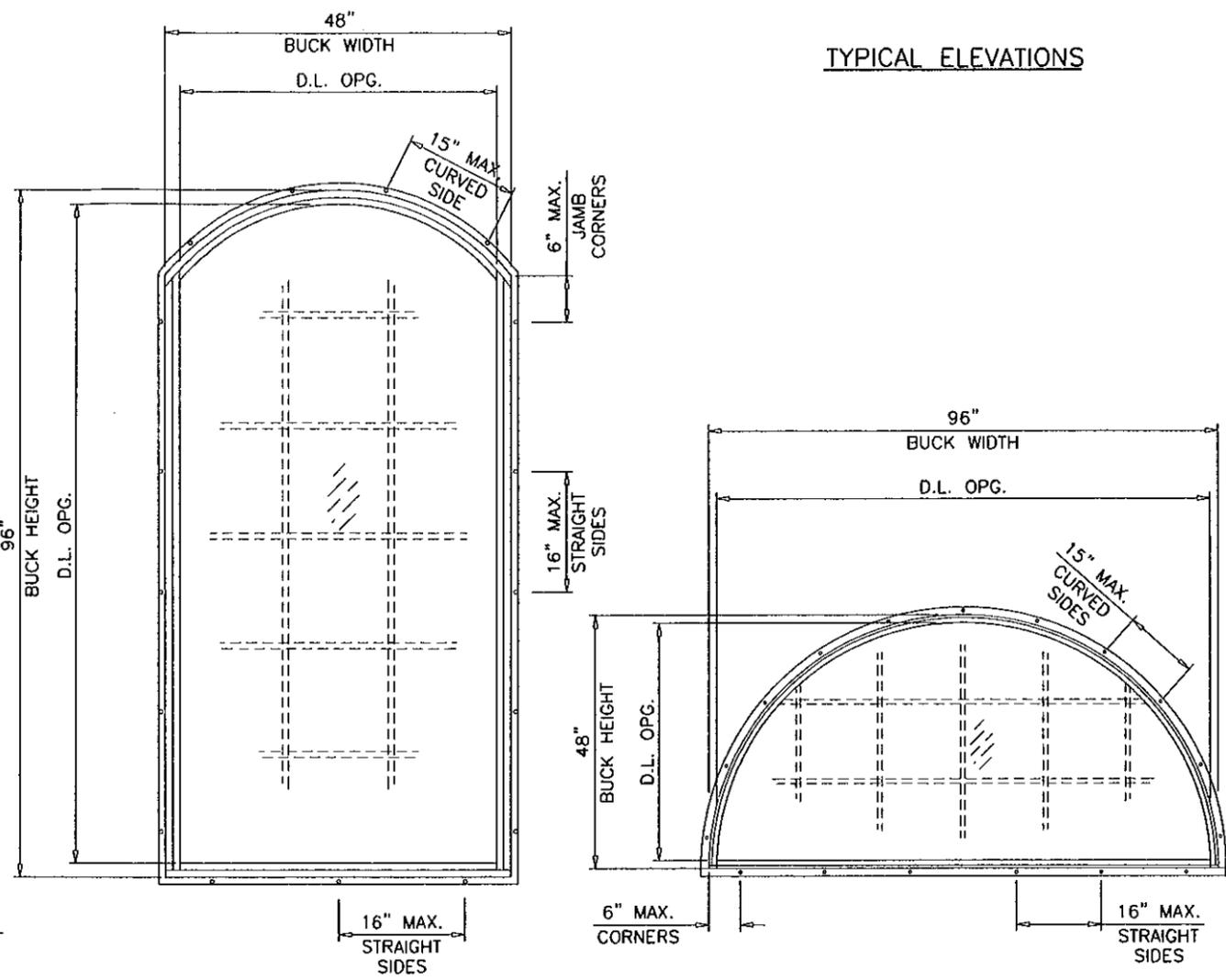
drawing no. **W10-02**
sheet 1 of 6



FIN FRAMES

ALTERNATE SHAPES AS SHOWN ON SHEET 1 ALSO AVAILABLE FOR FIN FRAMES

TYPICAL ELEVATIONS



Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 MAR 02 2011

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 11-030303
 Expiration Date 09/22/2015
 By: *[Signature]*
 Miami Dade Product Control

af c

AL-FAROOQ CORP.
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-9100 FAX. (305) 262-6978
 COMP-ANL\W10-02CGI

SERIES 130 SENTINEL ALUM FIXED WINDOW (S.M.I.)(L.M.I.)

CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
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no	date	description
A	08.13.10	NO CHANGE THIS SHEET
B	09.13.10	NO CHANGE THIS SHEET
C	02.28.11	NO CHANGE THIS SHEET

date: 01-30-10
 scale: 1/2" = 1'-0"
 dr. by:
 chk. by:

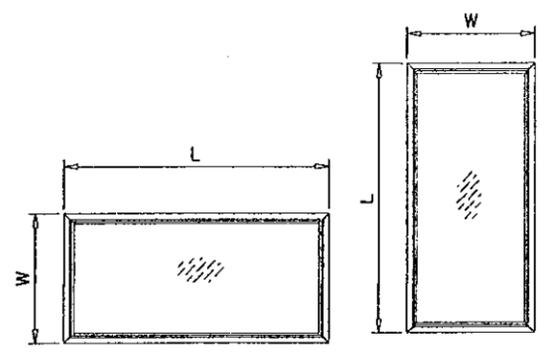
drawing no.
W10-02
 sheet 1.1 of 6

DESIGN LOAD CAPACITY - PSF									
FLANGE DIMS.		BUCK DIMS.		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'D' & 'D1'			
WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)		
24"	36"	23"	35"	80.0	80.0	80.0	80.0		
30"		80.0		80.0	80.0	80.0			
36"		80.0		80.0	80.0	80.0			
42"		80.0		80.0	80.0	80.0			
48"		80.0		80.0	80.0	80.0			
54"		80.0		80.0	80.0	80.0			
60"		80.0		80.0	80.0	80.0			
61"		80.0		80.0	80.0	80.0			
24"	48"	23"	47"	80.0	80.0	80.0	80.0		
30"		80.0		80.0	80.0	80.0			
36"		80.0		80.0	80.0	80.0			
42"		70.2		70.2	80.0	80.0			
48"		61.3		61.3	80.0	80.0			
54"		61.3		61.3	80.0	80.0			
60"		61.3		61.3	80.0	80.0			
61"		61.3		61.3	80.0	80.0			
24"	60"	23"	59"	80.0	80.0	80.0	80.0		
30"		80.0		80.0	80.0	80.0			
36"		80.0		80.0	80.0	80.0			
42"		70.2		70.2	80.0	80.0			
48"		61.3		61.3	80.0	80.0			
54"		54.3		54.3	72.5	72.5			
60"		48.8		48.8	65.1	65.1			
61"		48.8		48.8	65.1	65.1			
24"	72"	23"	71"	80.0	80.0	80.0	80.0		
30"		80.0		80.0	80.0	80.0			
36"		80.0		80.0	80.0	80.0			
42"		70.2		70.2	80.0	80.0			
48"		61.3		61.3	80.0	80.0			
54"		54.3		54.3	72.5	72.5			
60"		48.8		48.8	65.1	65.1			
61"		48.0		48.0	64.0	64.0			
24"	84"	23"	83"	80.0	80.0	80.0	80.0		
30"		80.0		80.0	80.0	80.0			
36"		78.2		78.2	80.0	80.0			
42"		70.0		70.0	80.0	80.0			
48"		61.3		61.3	80.0	80.0			
54"		54.3		54.3	72.5	72.5			
56"		52.4		52.4	69.8	69.8			
24"		97"		23"	96"	80.0	80.0	80.0	80.0
30"	80.0		80.0	80.0		80.0			
36"	75.6		75.6	80.0		80.0			
42"	65.2		65.2	80.0		80.0			
48"	60.6		60.6	80.0		80.0			
49"	59.6		59.6	80.0		80.0			
24"	102"		23"	101"		80.0	80.0	80.0	80.0
30"			80.0			80.0	80.0	80.0	
36"		74.6	74.6		80.0	80.0			
42"		65.7	65.7		80.0	80.0			
46"		59.3	59.3		80.0	80.0			
24"		108"	23"		107"	80.0	80.0	80.0	80.0
30"			80.0			80.0	80.0	80.0	
36"			73.8			73.8	80.0	80.0	
42"	62.4		62.4	80.0		80.0			
44"	59.1		59.1	80.0		80.0			

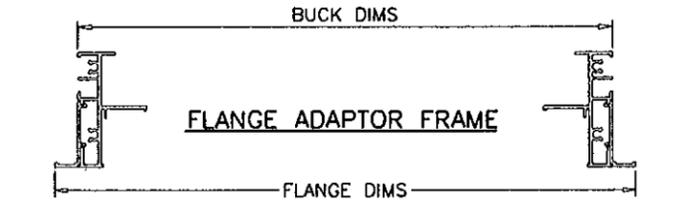
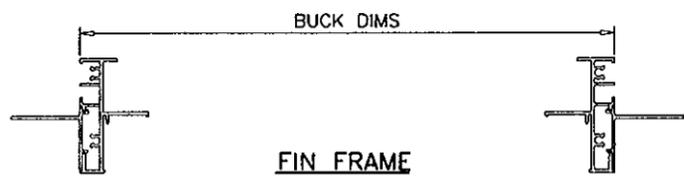
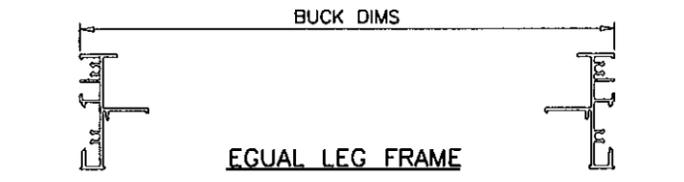
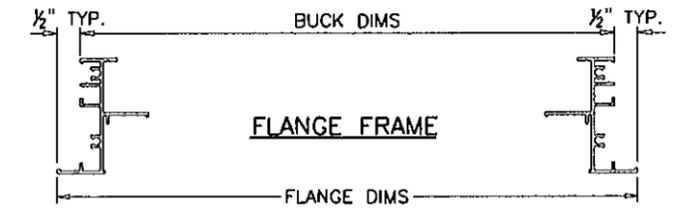
DESIGN LOAD CAPACITY - PSF							
FLANGE DIMS.		BUCK DIMS.		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'D' & 'D1'	
WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	114"	23"	113"	80.0	80.0	80.0	80.0
30"		80.0		80.0	80.0	80.0	
36"		73.0		73.0	80.0	80.0	
41"		61.4		61.4	80.0	80.0	
24"	120"	23"	119"	80.0	80.0	80.0	80.0
30"		80.0		80.0	80.0	80.0	
36"		72.4		72.4	80.0	80.0	
39"		65.9		65.9	80.0	80.0	
24"	121"	23"	120"	80.0	80.0	80.0	80.0
30"		80.0		80.0	80.0	80.0	
36"		72.3		72.3	80.0	80.0	
39"		65.8		65.8	80.0	80.0	

DESIGN LOAD CAPACITY - PSF							
FLANGE DIMS.		BUCK DIMS.		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'D' & 'D1'	
WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	18-1/8"	25"	80.0	80.0	80.0	80.0
26-1/2"		80.0		80.0	80.0	80.0	
37"		80.0		80.0	80.0	80.0	
48"		80.0		80.0	80.0	80.0	
53-1/8"		80.0		80.0	80.0	80.0	
61"		80.0		80.0	80.0	80.0	
19-1/8"	38-3/8"	18-1/8"	37-3/8"	80.0	80.0	80.0	80.0
26-1/2"		80.0		80.0	80.0	80.0	
37"		80.0		80.0	80.0	80.0	
48"		77.1		77.1	80.0	80.0	
53-1/8"		77.1		77.1	80.0	80.0	
61"		77.1		77.1	80.0	80.0	
19-1/8"	50-5/8"	18-1/8"	49-5/8"	80.0	80.0	80.0	80.0
26-1/2"		80.0		80.0	80.0	80.0	
37"		80.0		80.0	80.0	80.0	
48"		61.3		61.3	80.0	80.0	
53-1/8"		58.0		58.0	77.4	77.4	
61"		58.0		58.0	77.4	77.4	
75-1/4"	58.0	58.0	77.4	77.4			
93-3/4"	58.0	58.0	76.5	76.5			
19-1/8"	63"	18-1/8"	62"	80.0	80.0	80.0	80.0
26-1/2"		80.0		80.0	80.0	80.0	
37"		80.0		80.0	80.0	80.0	
48"		61.3		61.3	80.0	80.0	
53-1/8"		55.3		55.3	73.7	73.7	
61"		48.0		48.0	64.0	64.0	
75-1/4"	46.5	46.5	61.9	61.9			
19-1/8"	76"	18-1/8"	75"	80.0	80.0	80.0	80.0
26-1/2"		80.0		80.0	80.0	80.0	
37"		78.9		78.9	80.0	80.0	
48"		61.3		61.3	80.0	80.0	
53-1/8"		55.3		55.3	73.7	73.7	
61"		48.0		48.0	64.0	64.0	

ANCHOR SPACING TO BE AS PER SHEETS 1 & 1.1



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



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAR 02 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0303.03
Expiration Date 09/22/2015
By [Signature]
Miami Dade Product Control

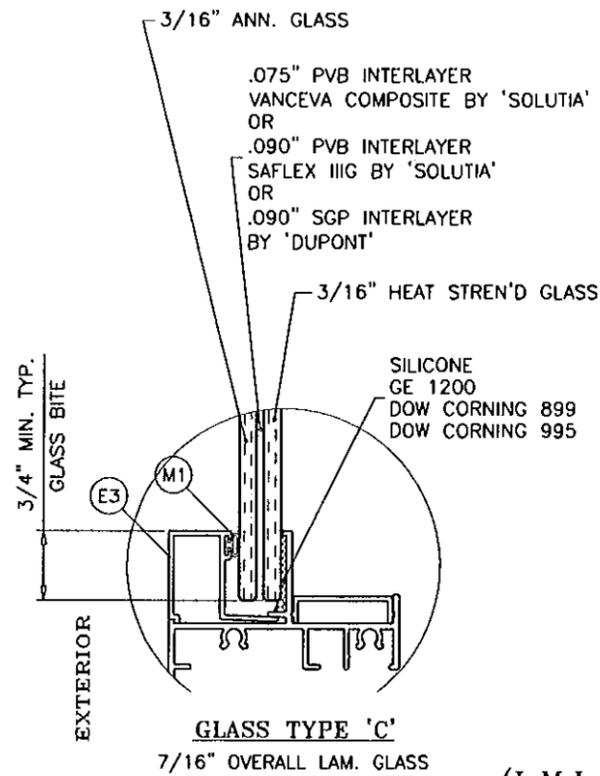
af c
AL-FAROOQ CORP.
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-02CGI

SERIES 130 SENTINEL ALUM FIXED WINDOW (S.M.I.)(L.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

no	date	description
A	08.13.10	NO CHANGE THIS SHEET
B	09.13.10	NO CHANGE THIS SHEET
C	02.28.11	WDW. SIZES ADDED

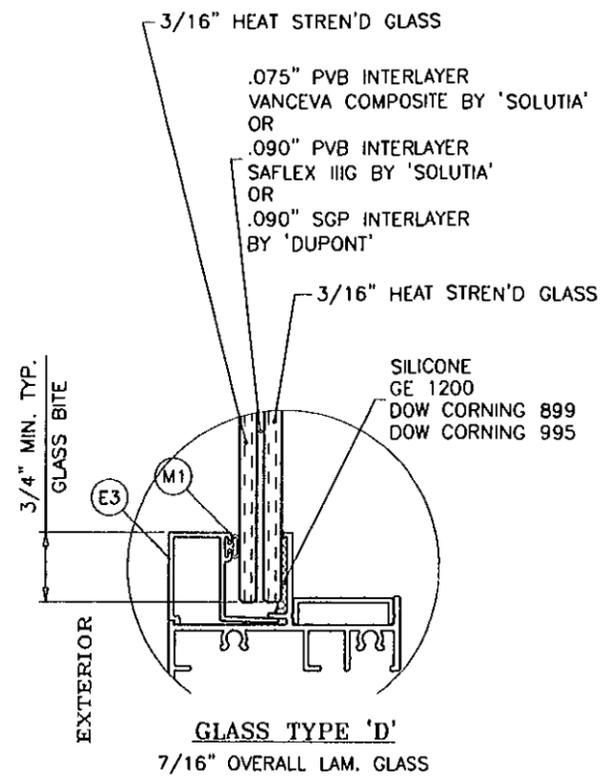
date: 01-30-10
scale: -
dr. by:
chk. by:

drawing no.
W10-02
sheet 2 of 6



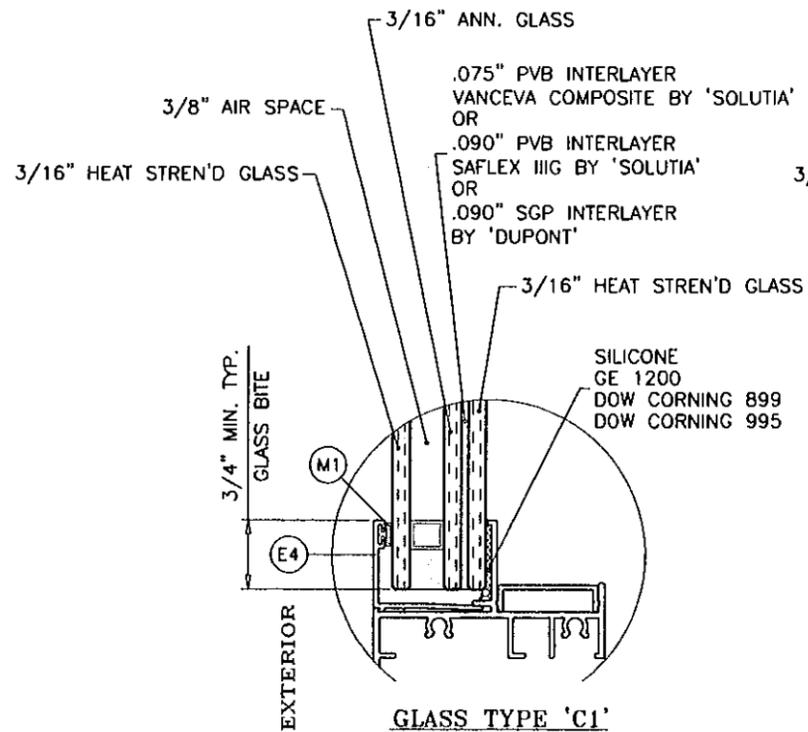
GLASS TYPE 'C'
7/16" OVERALL LAM. GLASS

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



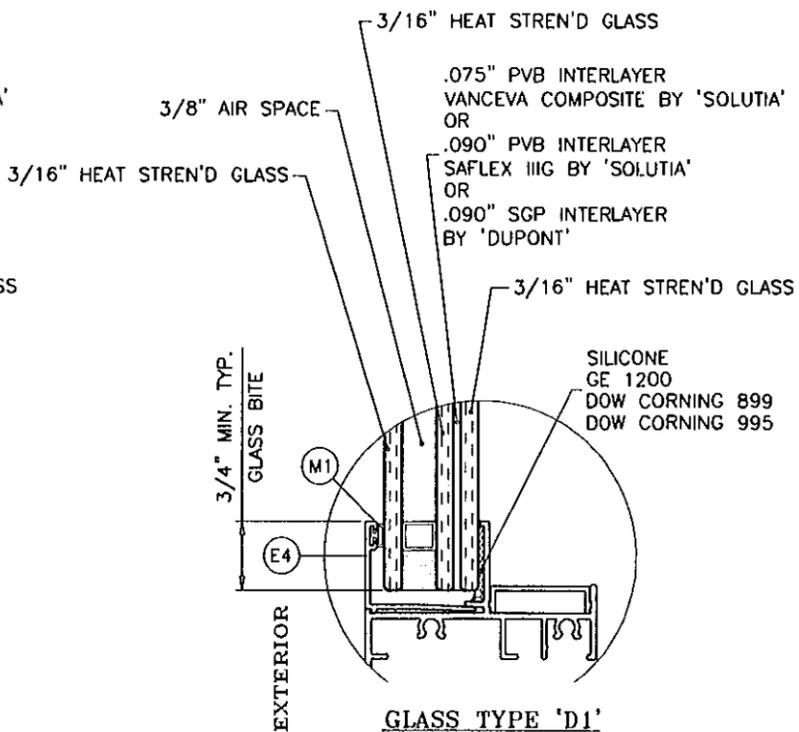
GLASS TYPE 'D'
7/16" OVERALL LAM. GLASS

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



GLASS TYPE 'C1'
1" OVERALL INSUL. LAM. GLASS

(L.M.I. ONLY)

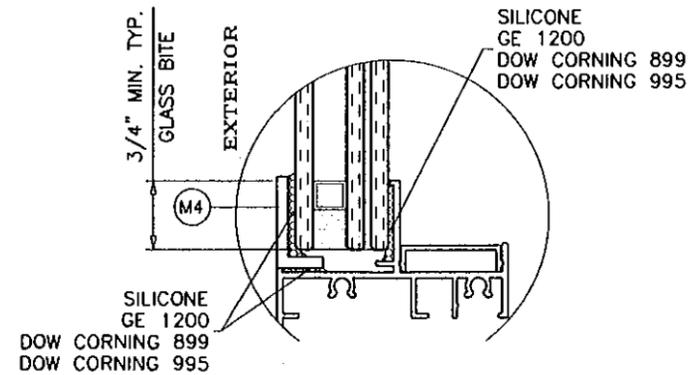


GLASS TYPE 'D1'
1" OVERALL INSUL. LAM. GLASS

(L.M.I. ONLY)

(S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING
EXTERIOR PLY OF GLASS TYPES 'C1' & 'D1' MUST BE TEMPERED.



OPTIONAL GLAZING DETAIL
GLASS TYPES 'C1' & 'D1'

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAR 02 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0303.03
Expiration Date 02/22/2015
By: [Signature]
Miami Dade Product Control

Revisions:

no	date	by	description
A	08.13.10		REV. PER BCCO COMMENTS
B	09.13.10		OPT. GLAZING DTL. ADDED
C	02.28.11		NO CHANGE THIS SHEET

date:	01-30-10
scale:	1/2" = 1"
dr. by:	
chk. by:	

drawing no.
W10-02

sheet 3 of 6

AL-FAROOQ CORP.
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-02CGI

SERIES 130 SENTINEL ALUM FIXED WINDOW (S.M.I.)(L.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

TYPICAL INSTALLATION DETAILS

THESE DETAILS ARE TYPICAL ON ALL FOUR SIDES OF WINDOW

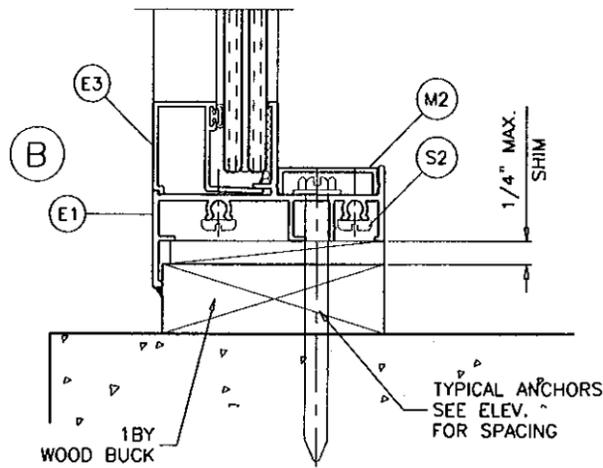
TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.
 INTO WOOD STRUCTURE = 3/4" 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.

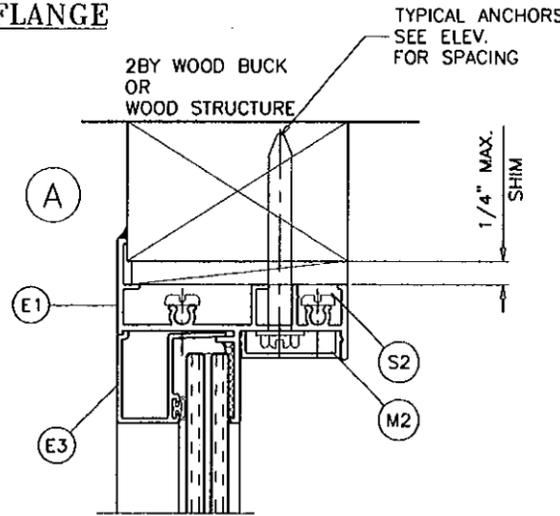
INSTALLATION DETAILS THRU 1X WOOD BUCKS INTO CONCRETE

FLANGE



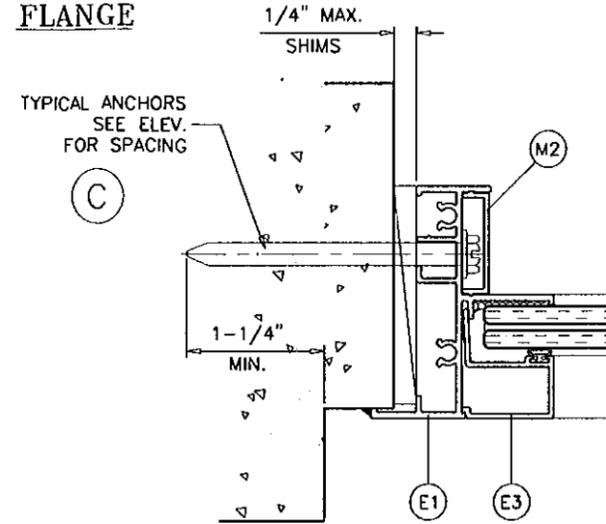
INSTALLATION DETAILS THRU 2X BUCKS OR INTO WOOD STRUCTURES

FLANGE



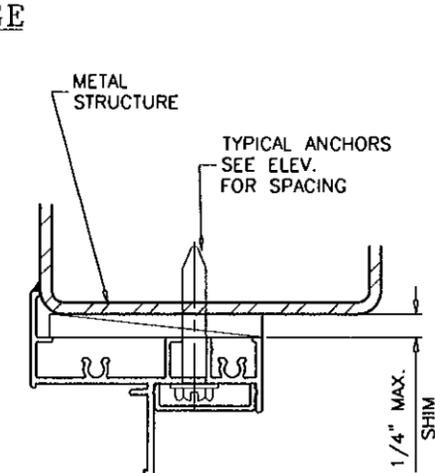
INSTALLATION DETAILS DIRECTLY INTO CONCRETE

FLANGE

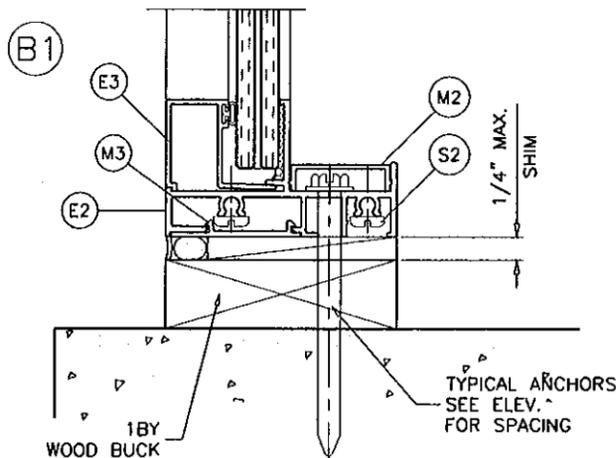


INSTALLATION DETAILS INTO METAL STRUCTURES OR INTO APPROVED MULLIONS

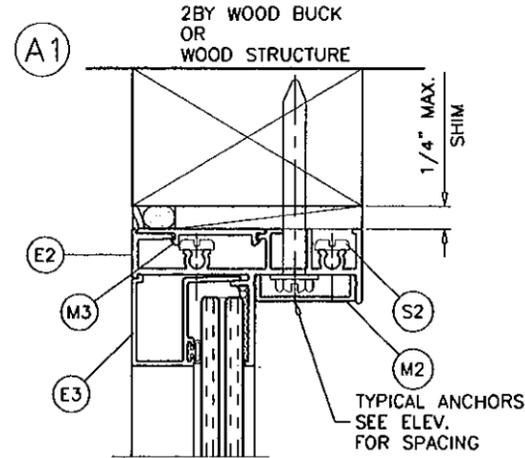
FLANGE



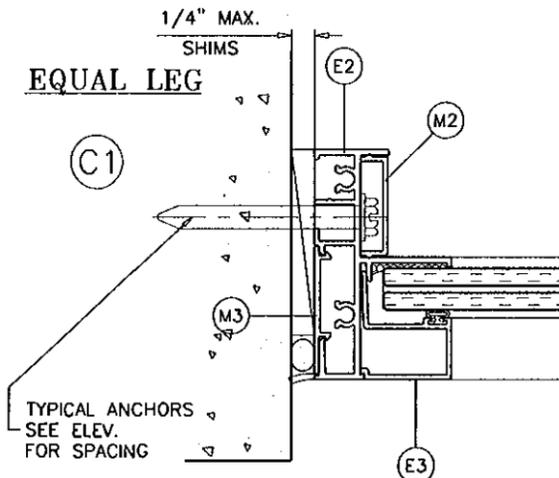
EQUAL LEG



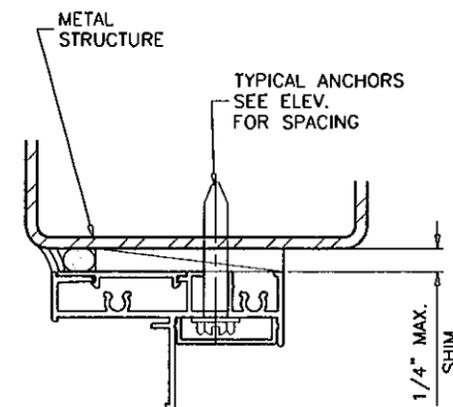
EQUAL LEG



EQUAL LEG



EQUAL LEG



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
 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (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)

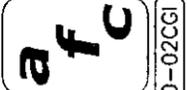
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

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

Engr. JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 MAR 02 2011

PRODUCT REVISED
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 By [Signature]
 Miami Dade Product Control



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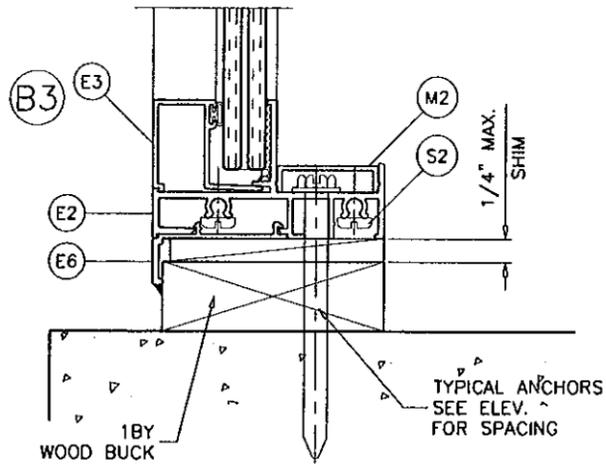
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B	09.13.10		NO CHANGE THIS SHEET
C	02.28.11		NO CHANGE THIS SHEET

date: 01-30-10
 scale: 1/2" = 1"
 dr. by:
 chk. by:
 drawing no.
W10-02
 sheet 4 of 6

TYPICAL INSTALLATION DETAILS
 THESE DETAILS ARE TYPICAL ON ALL FOUR SIDES OF WINDOW

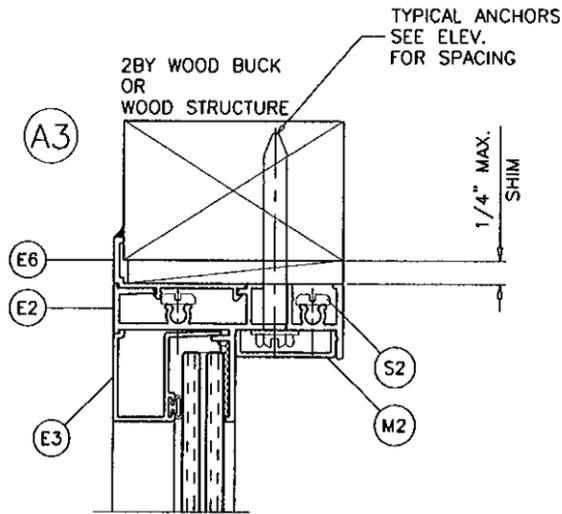
INSTALLATION DETAILS THRU 1X
 WOOD BUCKS INTO CONCRETE

FLANGE ADAPTOR



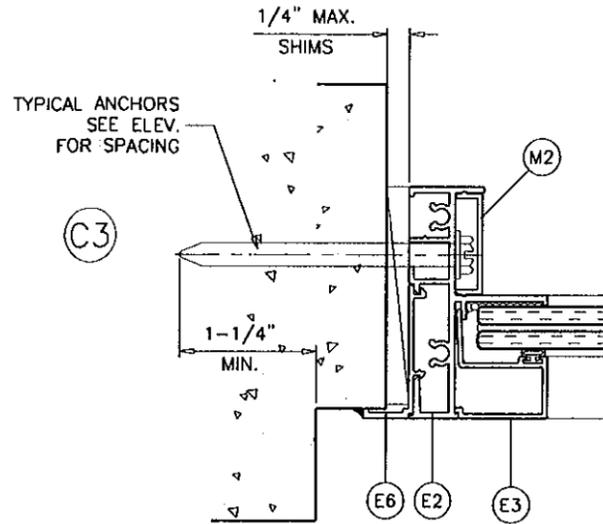
INSTALLATION DETAILS THRU 2X
 BUCKS OR INTO WOOD STRUCTURES

FLANGE ADAPTOR



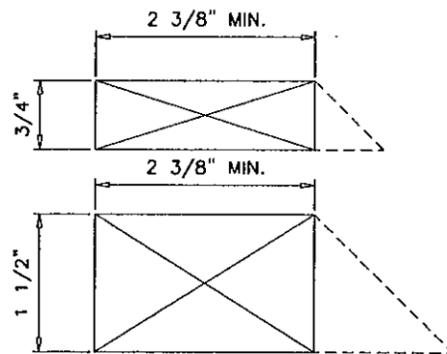
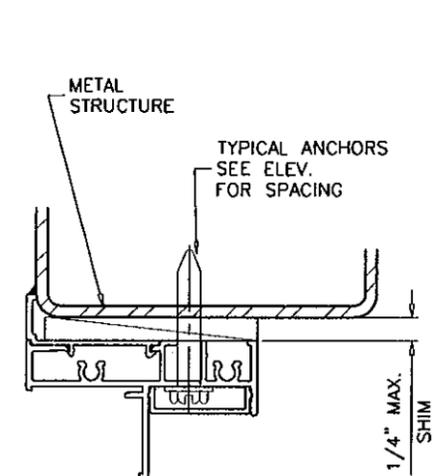
INSTALLATION DETAILS
 DIRECTLY INTO CONCRETE

FLANGE ADAPTOR



INSTALLATION DETAILS INTO METAL
 STRUCTURES OR INTO APPROVED MULLIONS

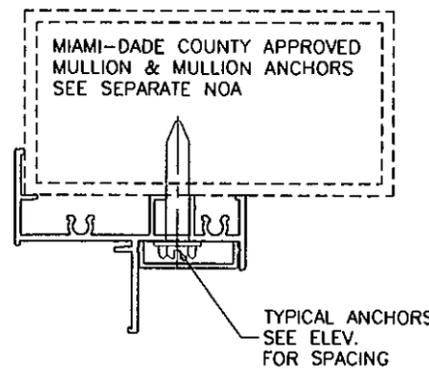
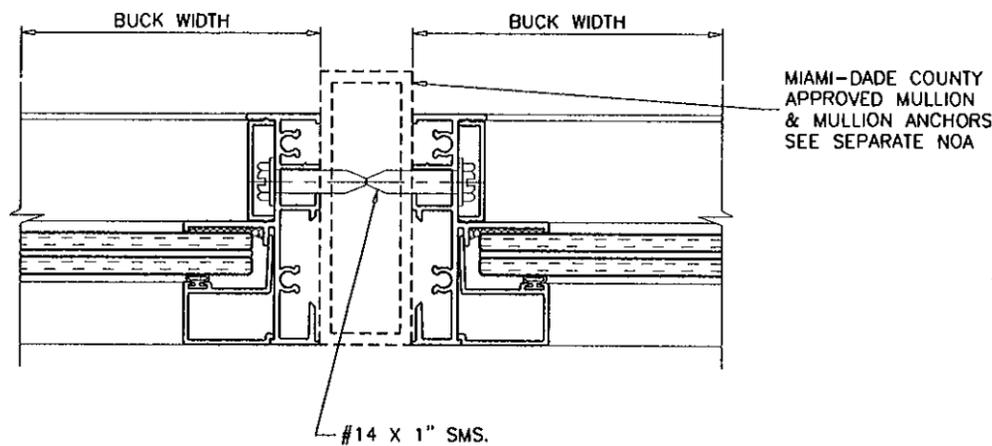
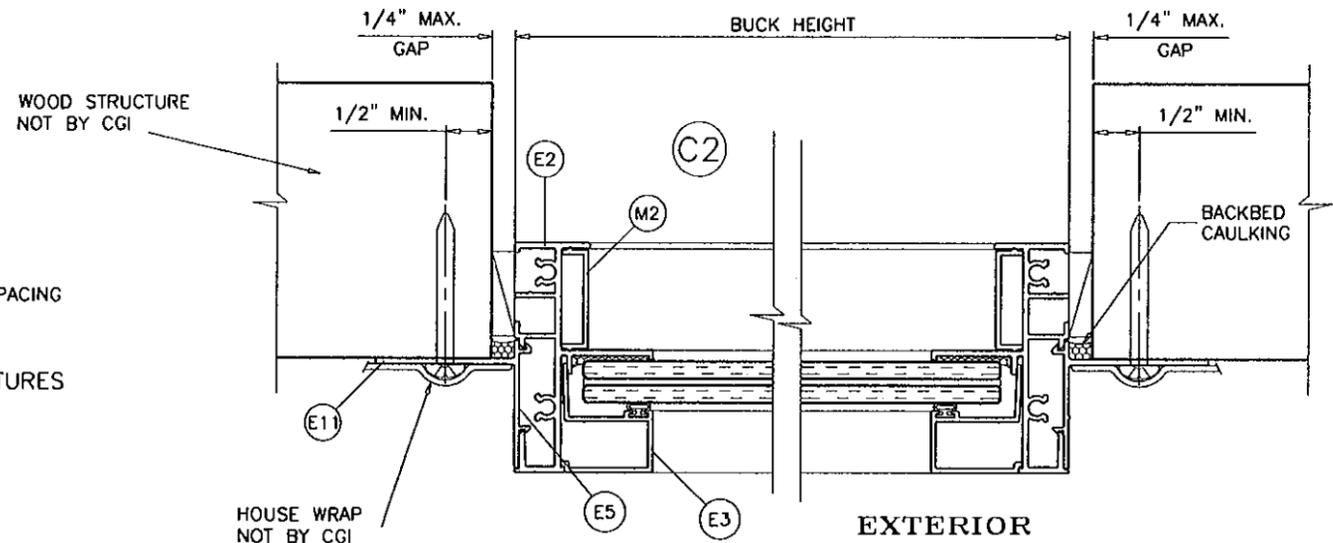
FLANGE ADAPTOR



WHEN USED THE MIN. WOOD
 BUCK DEPTH SHALL BE 2 3/8".
 THE USE OF DEEPER OR
 BEVELED WOODBUCKS IS
 PERMITTED.

FIN FRAME

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 #8 SMS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/4" MIN. PENETRATION INTO WOOD



Engr: JAVAD AHMAD
 CIVIL
 FLA. PE. # 70592
 C.A.N. 13538
 MAR 02 2015

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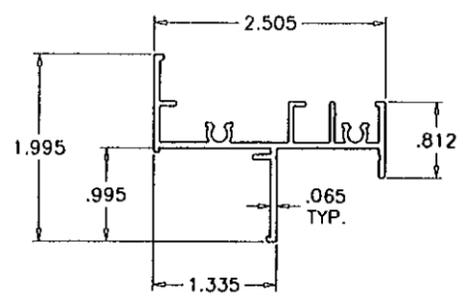
CGI WINDOWS & DOORS
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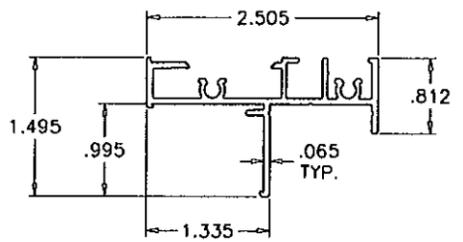
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 W10-02

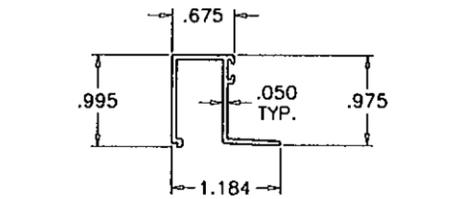
sheet 5 of 6



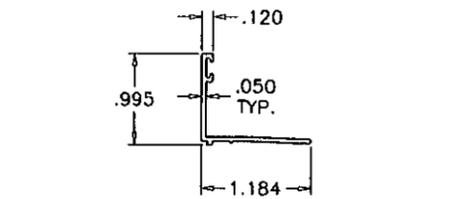
(E1) FLANGE FRAME



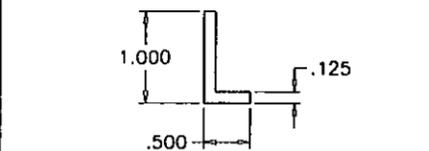
(E2) FLUSH FRAME/FIN FRAME



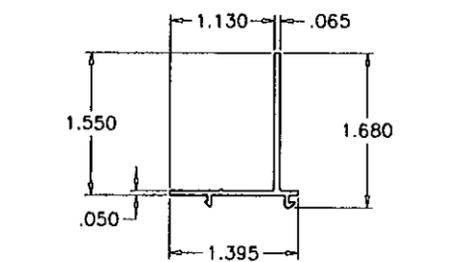
(E3) GLAZING BEAD (LAM. GLASS)



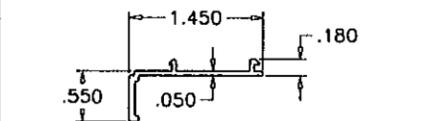
(E4) GLAZING BEAD (LAM. INSUL. GLASS)



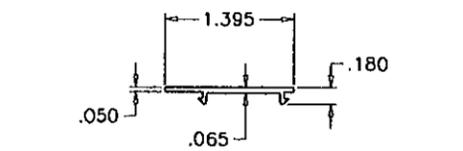
(M4) GLAZING ANGLE (LAM. INSUL. GLASS)



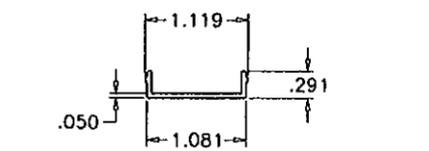
(E5) NAIL FIN ADAPTER



(E6) FLANGE ADAPTER

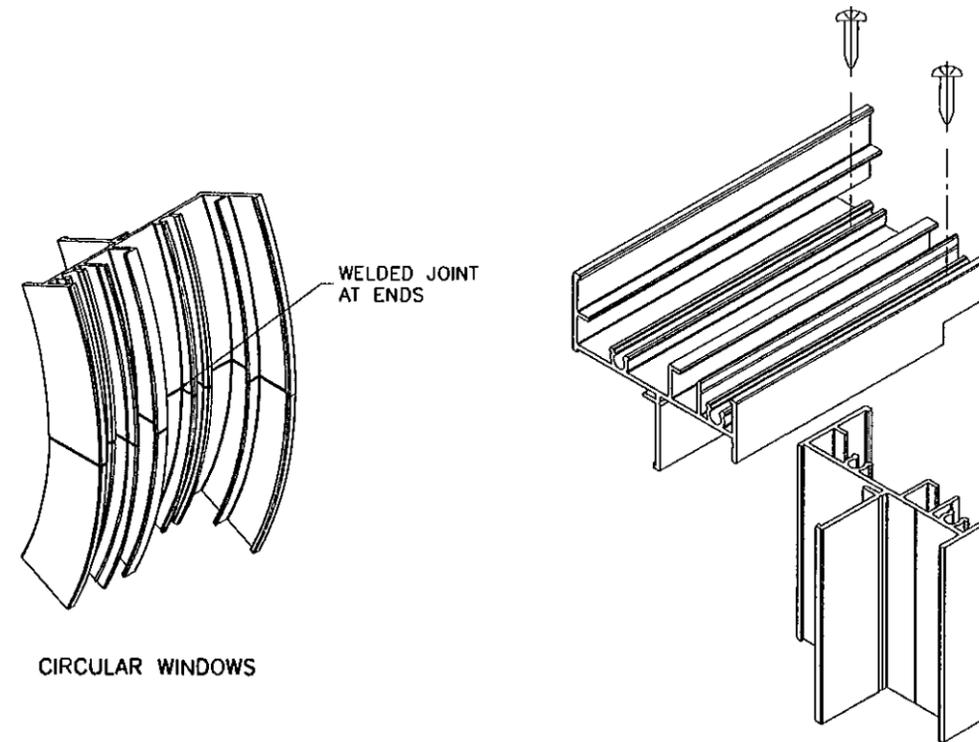


(M3) FLUSH FRAME COVER



(M2) SCREW COVER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	CGI-118	4/ WDW.	FLANGE FRAME	6063-T6	-
E2	CGI-119	4/ WDW.	FLUSH FRAME/FIN FRAME	6063-T6	-
E3	CGI-121	4/ WDW.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
E4	CGI-123	4/ WDW.	GLAZING BEAD (LAM. INSUL. GLASS)	6063-T6	-
E5	CGI-110	4/ WDW.	NAIL FIN ADAPTOR	6063-T6	-
E6	CGI-109	4/ WDW.	FRONT FLANGE ADAPTOR	6063-T6	-
M1	CGI-382V	AS REQD.	GLAZING BULB VINYL	PVC	DUROMETER 75-80 SHORE A
M2	CGI-124	AS REQD.	SCREW COVER- OPTIONAL	PVC	-
M3	CGI-112	AS REQD.	FLUSH FRAME COVER	PVC	-
M4	-	OPTIONAL	GLAZING ANGLE (1 X 1/2 X 1/8")	6063-T5	-
S2	#10 X 1-1/4"	2/ CORNER	ASSEMBLY SCREW PHL. PH SMS	ST/ST	-



CIRCULAR WINDOWS

RECT. OR SQUARE WINDOWS

TYP. CORNER DETAILS

Engr: JAVAD, AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 date: 01-30-10
 scale: 1/2" = 1"
 dr. by: [Signature]
 chk. by: [Signature]
 11-9393.03
 09/22/2015
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af c

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 sheet 6 of 6