



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Atrium Florida, Inc.
9001 Ambassador Row
Dallas, TX 75247**

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 Division 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 Division (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 Division 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 "MPFX" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W03-112**, titled "Series MPFX Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 12/12/03 with revision B dated 02/09/09, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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 Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 and renews** NOA # **04-0315.01** 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 **Jaime D. Gascon, P.E.**



*J. Gascon
6/16/09*

**NOA No. 08-1216.05
Expiration Date: June 03, 2014
Approval Date: June 17, 2009
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-112**, titled "Series MPFX Aluminum Fixed Window (L.M.I.)", sheets 1 through 7 of 7, dated 12/12/03 with revision B dated 02/09/09, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

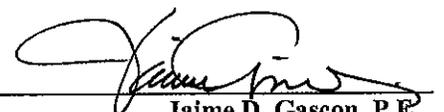
along with marked-up drawings and installation diagram of a aluminum fixed window, prepared Certified Testing Laboratories Architectural Division., Test Report No. **CTLA-1154-W** dated 08/18 thru 11/13/03, signed and sealed by Ramesh Patel, P.E. *(Submitted under previous NOA #04-0315.01)*

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

along with marked-up drawings and installation diagram of a aluminum fixed window, prepared Certified Testing Laboratories Architectural Division., Test Report No. **CTLA-1154W-2** dated 08/18 thru 11/13/03, signed and sealed by Ramesh Patel, P.E. *(Submitted under previous NOA #04-0315.01)*

3. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a aluminum fixed window, prepared Certified Testing Laboratories Architectural Division., Test Report No. **CTLA-1154-W-1** dated 08/18 thru 11/13/03, signed and sealed by Ramesh Patel, P.E. *(Submitted under previous NOA #04-0315.01)*



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 08-1216.05

Expiration Date: June 03, 2014

Approval Date: June 17, 2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a aluminum fixed window, prepared Certified Testing Laboratories Architectural Division., Test Report No. CTLA-1154-W-3 dated September 2, 2003, signed and sealed by Ramesh Patel, P.E. *(Submitted under previous NOA #04-0315.01)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 2/6/09, signed and sealed by Humayoun Farooq, P.E. **Complies with ASTM E1300-98/02**

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

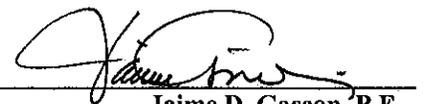
1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/2008, expiring on 04/17/2013.
3. Notice of Acceptance No. **08-1118.07** issued to Oldcastle Glass Inc. for their "**StormGlass Glass Interlayer**", dated 03/05/09, expiring on 12/11/13.

E. STATEMENTS

1. Statement letter of conformance, dated February 9, 2009, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, February 9, 2009, signed and sealed by Humayoun Farooq, P.E.
3. Asset purchase agreement dated July 27, 2005, signed by Mr. Gregory Schorr and Mr. Mark Blanchat.

G. OTHERS

1. Notice of Acceptance No. **04-0315.01**, issued to Kinko, LTD. for their Series "MPFX" Aluminum Fixed Window, approved on 06/03/04 and expiring on 06/03/09.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-1216.05
Expiration Date: June 03, 2014
Approval Date: June 17, 2009

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

SERIES MPFX ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE 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 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

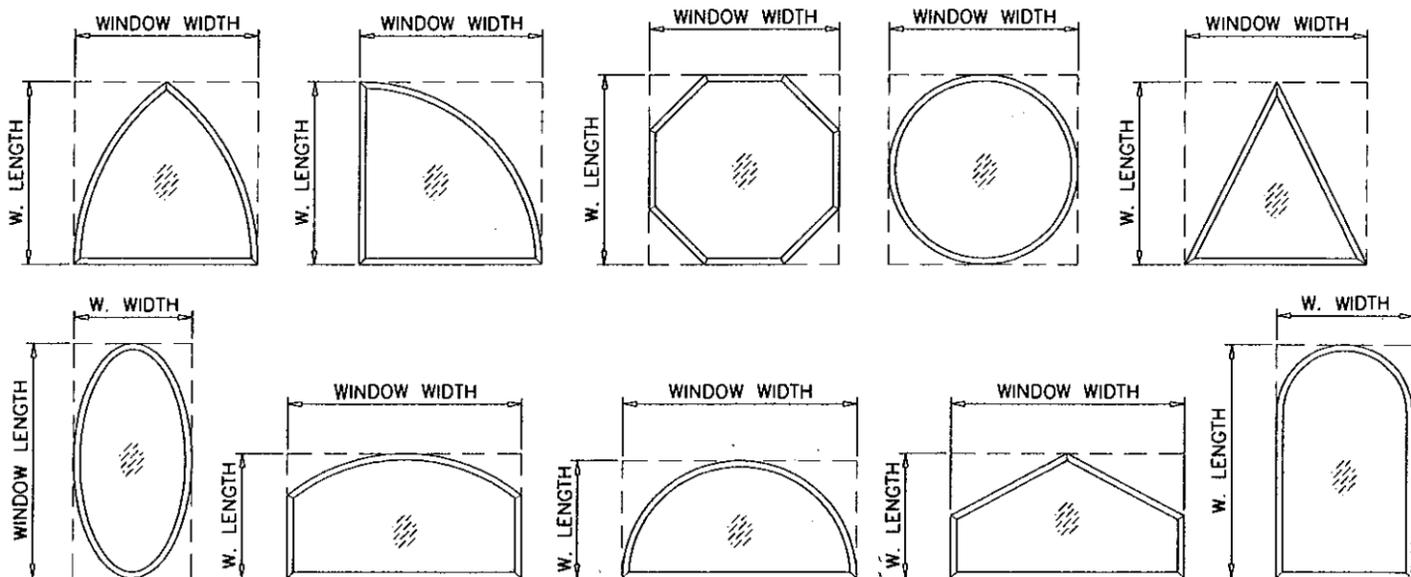
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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

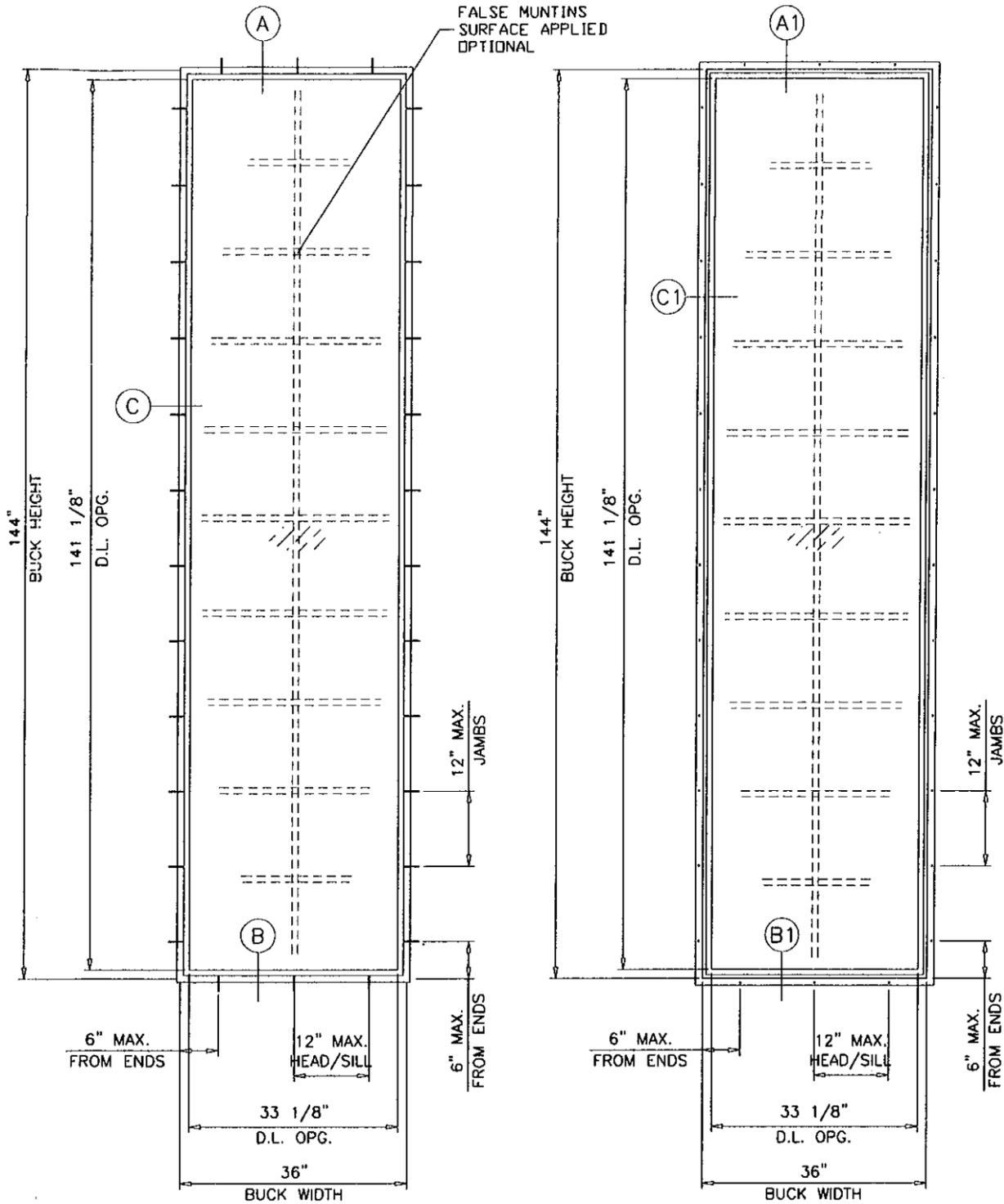
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



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.



FLANGE FRAME

FIN FRAME

TYPICAL ELEVATIONS TESTED UNITS

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 08-1216.05
 Expiration Date 06/03/14
 By: *[Signature]*
 Miami Dade Product Control Division

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]
 MAR 26 2009



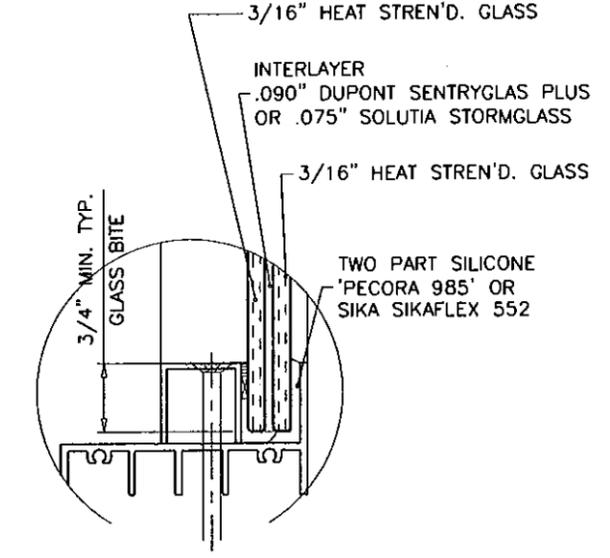
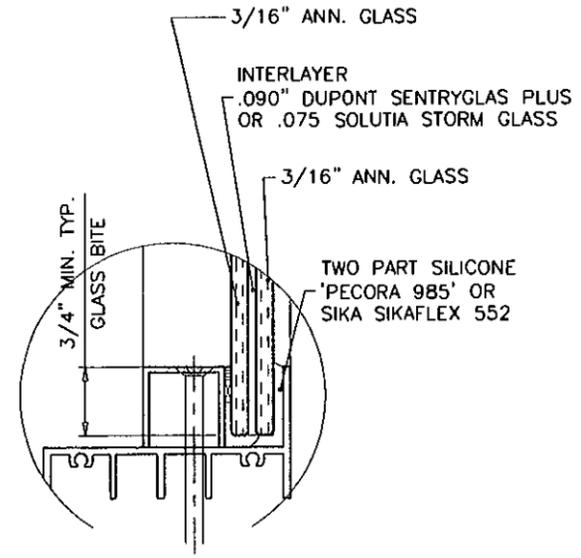
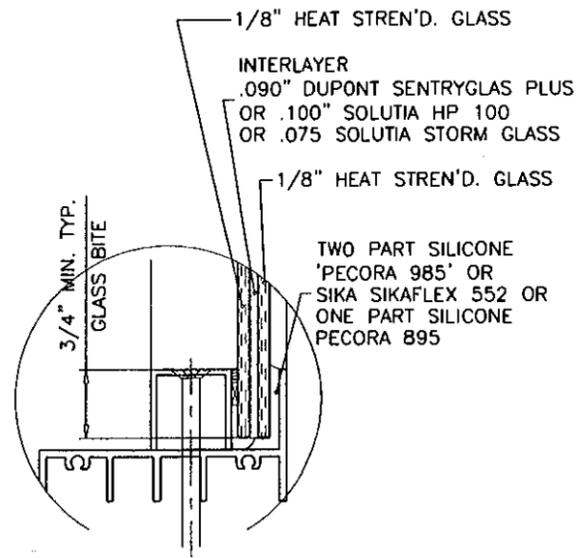
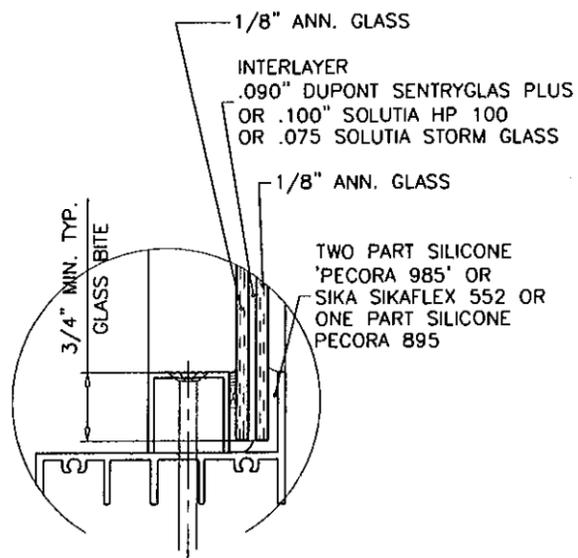
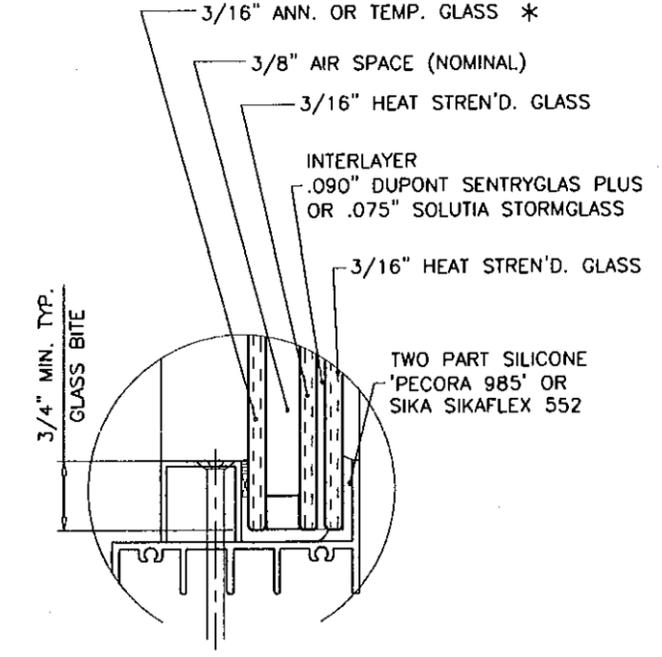
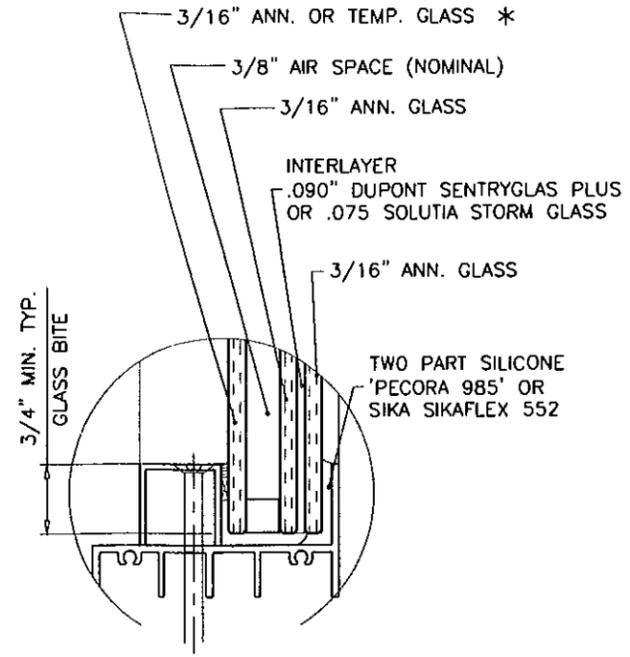
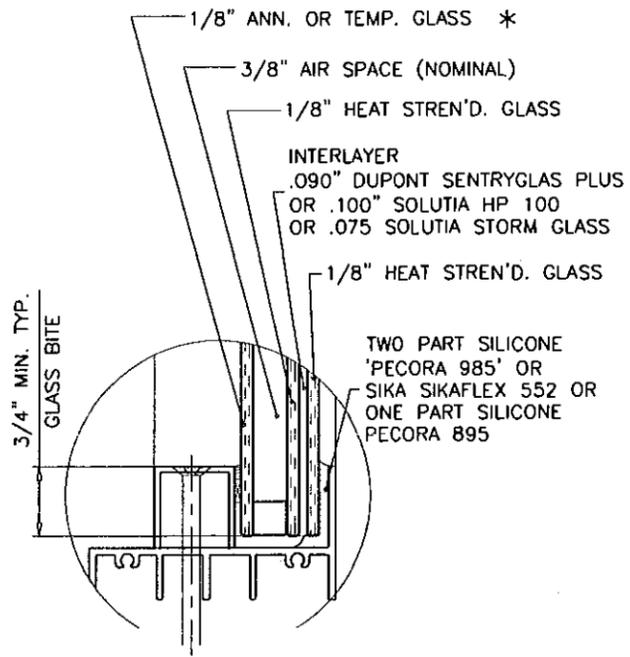
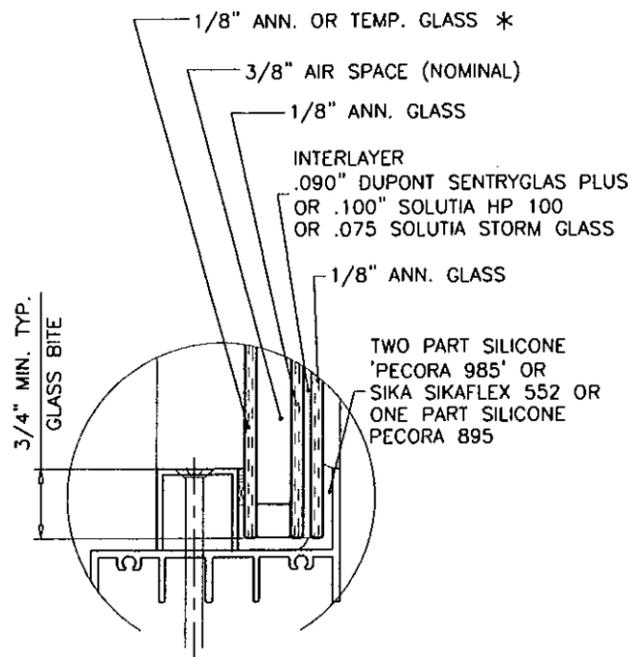
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W03-112KL

SERIES MPFX ALUMINUM FIXED WINDOW (L.M.I.)
TRIUM FLORIDA, INC.
 3600 PORT JACKSONVILLE PARKWAY
 JACKSONVILLE, FL. 32226
 TEL. (904) 355-1476 FAX. (904) 353-0689

no	date	description
A	04.12.04	NO CHANGE THIS SHEET
B	02.09.09	UPDATED FOR 2007 FBC

date: 12-12-03
 scale: 1/2" = 1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W03-112
 sheet 1 of 7



GLASS GROUP 'A'

GLASS GROUP 'B'

GLASS GROUP 'C'

GLASS GROUP 'D'

NOTE: *
AS PER FBC 2411.3.3.7
FOR INSULATED LAMINATED GLASS TYPES.
ANNEALED MONOLITHIC OUTSIDE LITE
NOT ALLOWED AT ELEVATIONS ABOVE 30 FT.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1216.05
Expiration Date 06/03/14
By [Signature]
Miami Code Product Control
Division

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

MAR 26 2009

afC

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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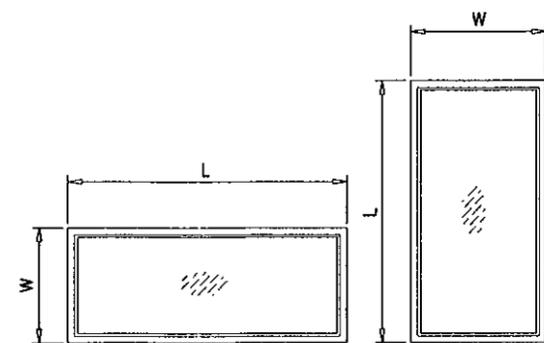
no	date	description
A	04.12.04	NO CHANGE THIS SHEET
B	02.09.09	UPDATED FOR 2007 FBC

date: 12-12-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-112
sheet 2 of 7

DESIGN LOAD CAPACITY - PSF										
BUCK DIMS.		GLASS GROUP 'A'		GLASS GROUP 'B'		GLASS GROUP 'C'		GLASS GROUP 'D'		
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
24"	48"	66.7	66.7	70.0	85.0	70.0	82.5	70.0	85.0	
30"		58.2	58.2	70.0	85.0	70.0	71.6	70.0	85.0	
36"		53.3	53.3	70.0	85.0	65.6	65.6	70.0	85.0	
42"		50.8	50.8	70.0	85.0	57.1	57.1	70.0	85.0	
48"		50.0	50.0	70.0	85.0	50.0	50.0	70.0	85.0	
54"		-	-	-	-	50.0	50.0	70.0	85.0	
60"	-	-	-	-	50.0	50.0	70.0	85.0		
24"	60"	62.5	62.5	70.0	85.0	70.0	82.5	70.0	85.0	
30"		53.3	53.3	70.0	85.0	66.0	66.0	70.0	85.0	
36"		47.6	47.6	66.7	81.0	58.6	58.6	70.0	85.0	
42"		-	-	-	-	54.1	54.1	70.0	85.0	
48"		-	-	-	-	50.0	50.0	70.0	85.0	
54"		-	-	-	-	44.4	44.4	62.2	75.6	
60"	-	-	-	-	40.0	40.0	56.0	68.0		
24"	72"	60.0	60.0	70.0	85.0	70.0	82.5	70.0	85.0	
30"		50.5	50.5	70.0	85.0	66.0	66.0	70.0	85.0	
36"		-	-	-	-	55.0	55.0	70.0	85.0	
42"		-	-	-	-	49.6	49.6	70.0	85.0	
48"		-	-	-	-	46.2	46.2	70.0	85.0	
54"		-	-	-	-	43.8	43.8	62.2	75.6	
60"	-	-	-	-	40.0	40.0	56.0	68.0		
24"	84"	58.3	58.3	70.0	85.0	70.0	82.5	70.0	85.0	
30"		-	-	-	-	66.0	66.0	70.0	85.0	
36"		-	-	-	-	55.0	55.0	70.0	85.0	
42"		-	-	-	-	47.1	47.1	70.0	85.0	
48"		-	-	-	-	43.1	43.1	70.0	85.0	
54"		-	-	-	-	40.3	40.3	62.2	75.6	
60"	-	-	-	-	33.0	33.0	42.0	51.0		
24"	96"	57.1	57.1	70.0	85.0	70.0	82.5	70.0	85.0	
30"		-	-	-	-	66.0	66.0	70.0	85.0	
36"		-	-	-	-	55.0	55.0	70.0	85.0	
42"		-	-	-	-	47.1	47.1	70.0	85.0	
48"		-	-	-	-	41.3	41.3	70.0	85.0	
54"		-	-	-	-	36.7	36.7	46.7	56.7	
24"	108"	-	-	-	-	70.0	81.2	70.0	85.0	
30"		-	-	-	-	66.0	66.0	70.0	85.0	
36"		-	-	-	-	55.0	55.0	70.0	85.0	
42"		-	-	-	-	47.1	47.1	70.0	85.0	
48"		-	-	-	-	41.3	41.3	52.5	63.8	
24"		120"	-	-	-	-	70.0	80.2	70.0	85.0
30"	-		-	-	-	66.0	66.0	70.0	85.0	
36"	-		-	-	-	55.0	55.0	70.0	85.0	
42"	-		-	-	-	47.1	47.1	60.0	72.9	
24"	132"		-	-	-	-	70.0	79.4	70.0	85.0
30"			-	-	-	-	65.2	65.2	70.0	85.0
36"		-	-	-	-	55.0	55.0	70.0	85.0	
24"		144"	-	-	-	-	70.0	78.8	70.0	85.0
30"			-	-	-	-	64.5	64.5	70.0	85.0
36"			-	-	-	-	55.0	55.0	70.0	85.0

DESIGN LOAD CAPACITY - PSF									
BUCK DIMS.		GLASS GROUP 'A'		GLASS GROUP 'B'		GLASS GROUP 'C'		GLASS GROUP 'D'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	25"	70.0	85.0	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"		70.0	85.0	70.0	85.0	70.0	85.0	70.0	85.0
36"		70.0	73.5	70.0	85.0	70.0	85.0	70.0	85.0
52-1/8"	37-3/8"	63.1	63.1	70.0	85.0	70.0	79.2	70.0	85.0
18-1/8"		70.0	85.0	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"		70.0	71.4	70.0	85.0	70.0	85.0	70.0	85.0
36"	49-5/8"	64.3	64.3	70.0	85.0	66.7	66.7	70.0	85.0
52-1/8"		46.3	46.3	70.0	85.0	61.6	61.6	70.0	85.0
18-1/8"		70.0	81.0	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"	62"	63.3	63.3	70.0	85.0	70.0	77.9	70.0	85.0
36"		52.3	52.3	70.0	85.0	64.4	64.4	70.0	85.0
52-1/8"		-	-	-	-	48.4	48.4	67.7	82.2
18-1/8"	71"	70.0	77.5	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"		59.2	59.2	70.0	85.0	70.0	77.6	70.0	85.0
36"		47.0	47.0	65.8	79.8	57.8	57.8	70.0	85.0
52-1/8"	77"	-	-	-	-	46.0	46.0	64.5	78.3
18-1/8"		70.0	75.9	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"		57.4	57.4	70.0	85.0	70.0	77.6	70.0	85.0
36"	77"	-	-	-	-	55.0	55.0	70.0	85.0
52-1/8"		-	-	-	-	44.8	44.8	64.5	78.3
18-1/8"		70.0	75.0	70.0	85.0	70.0	85.0	70.0	85.0
25-1/2"	77"	56.4	56.4	70.0	85.0	70.0	77.6	70.0	85.0
36"		-	-	-	-	55.0	55.0	70.0	85.0
52-1/8"		-	-	-	-	42.8	42.8	64.5	78.3

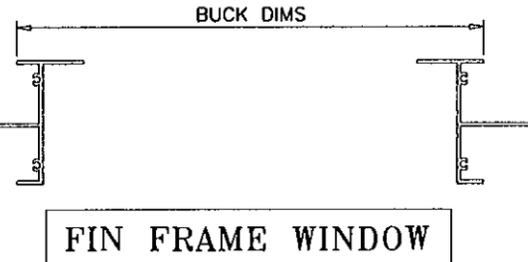
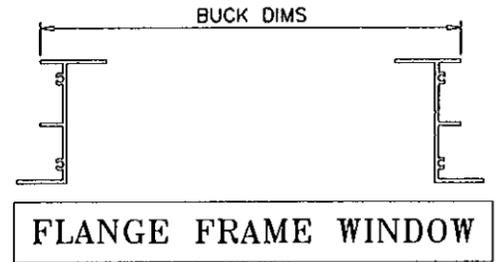


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

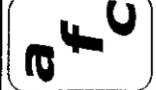
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02/04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

MAR 26 2009



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1216.05
Expiration Date 06/03/14
By: *[Signature]*
Miami Trade Product Control
Division



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W03 - 112KL

SERIES MPFX ALUMINUM FIXED WINDOW (L.M.I.)

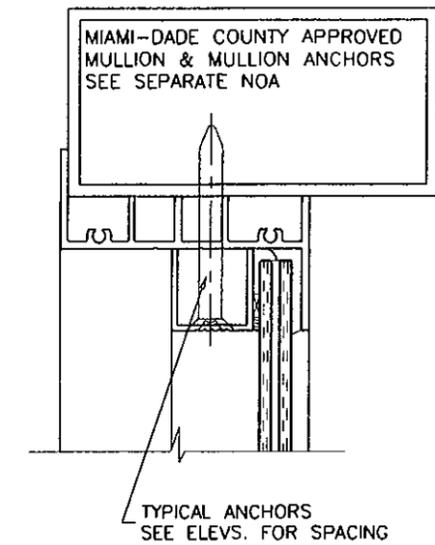
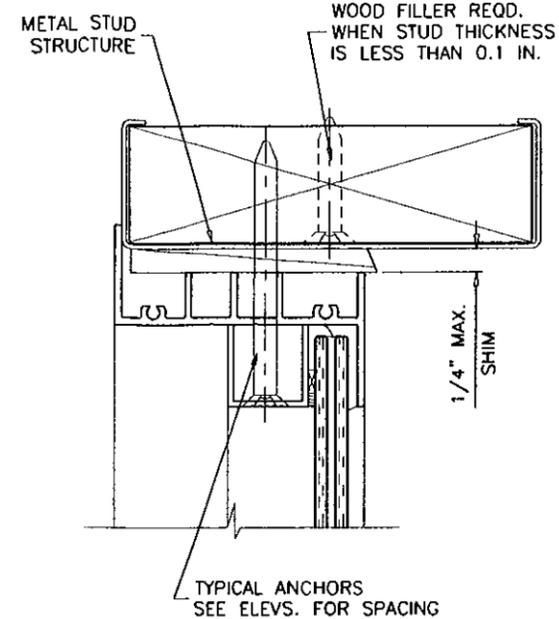
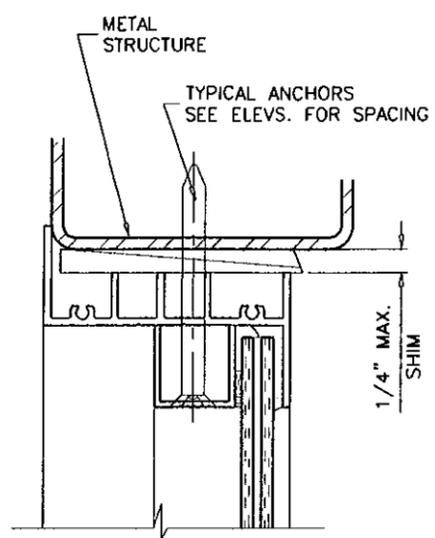
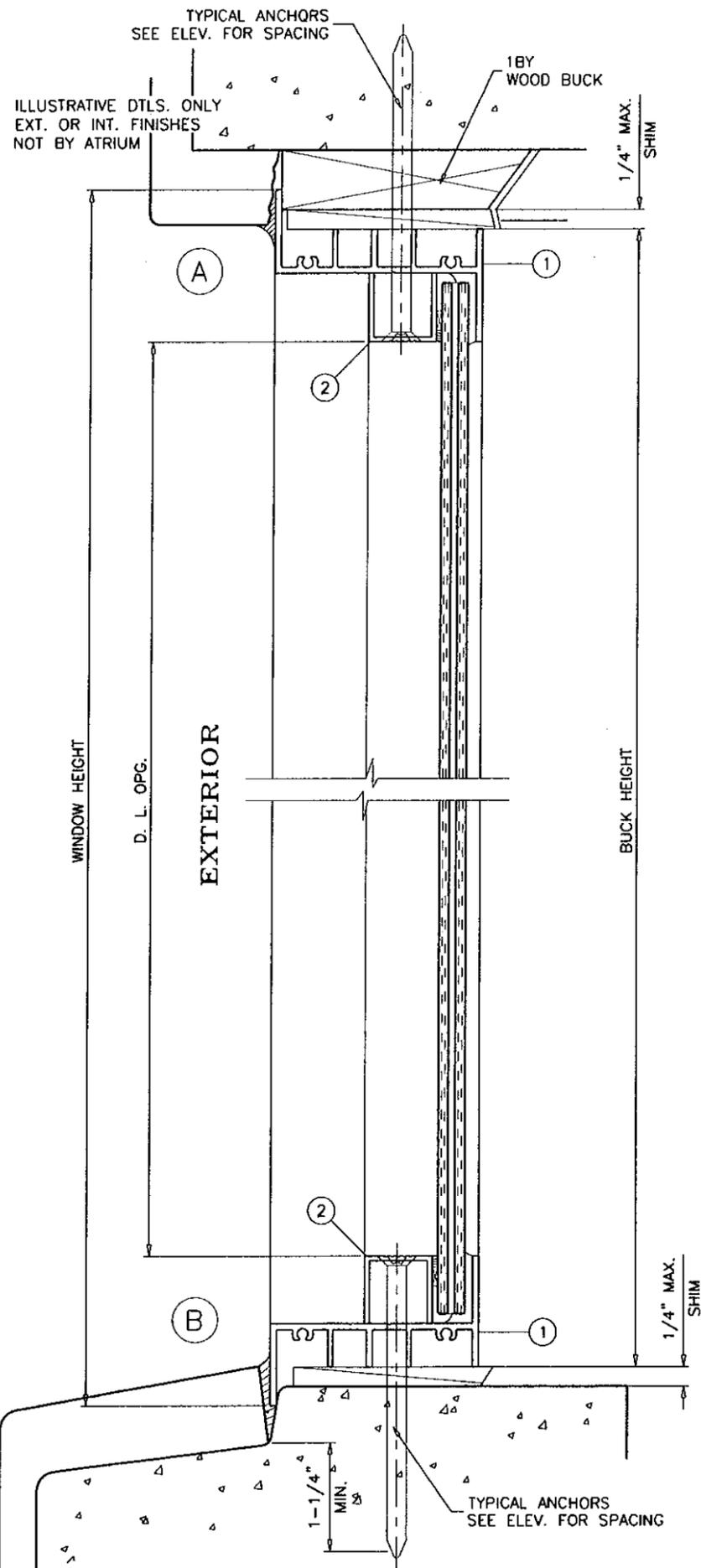
ATRIUM FLORIDA, INC.
3600 PORT JACKSONVILLE PARKWAY
JACKSONVILLE, FL. 32226
TEL. (904) 355-1476 FAX. (904) 353-0689

no.	date	by	description
A	04.12.04		NO CHANGE THIS SHEET
B	02.09.09		UPDATED FOR 2007 FBC

date: 12-12-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-112

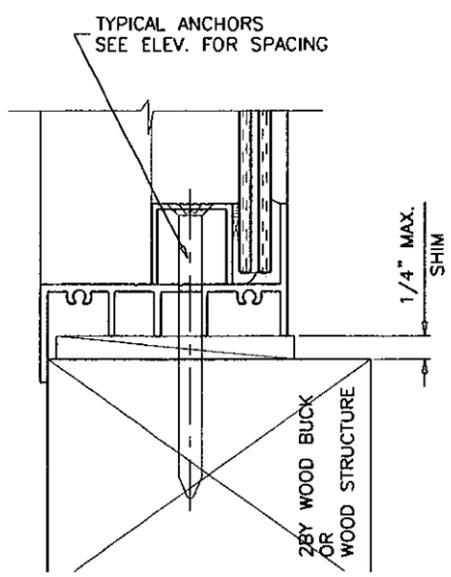
sheet 3 of 7



WOOD BUCKS, METAL STUDS AND METAL STRUCTURE NOT BY ATRIUM MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- #14 SMS**
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD
 - 1/4" DIA. TAPCON BY 'ITW'**
 - 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

PRODUCT REVISED
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Division



- #12 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)

- #10 SMS OR SELF DRILLING SCREWS**
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

- TYPICAL EDGE DISTANCE**
- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 - INTO WOOD STRUCTURE = 1" MIN.
 - INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.
MASONRY f'm = 1500 PSI MIN.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

FLANGE FRAME WINDOW

MAR 26 2009

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W03-112KL

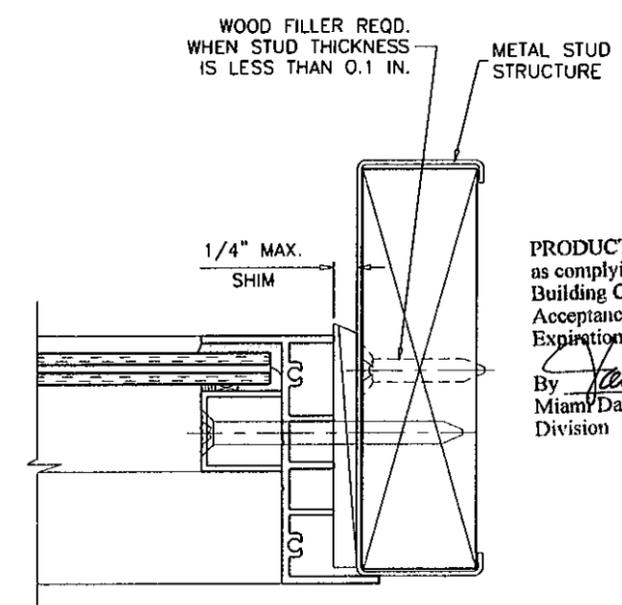
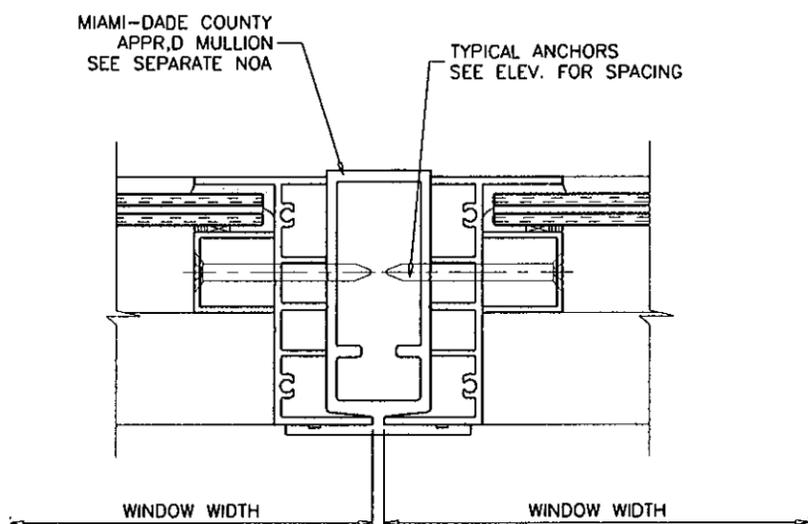
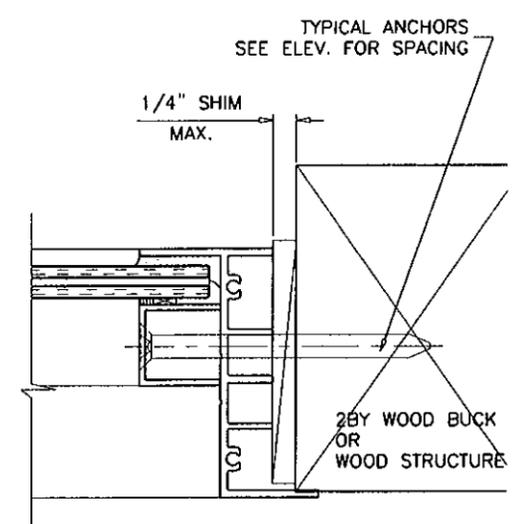
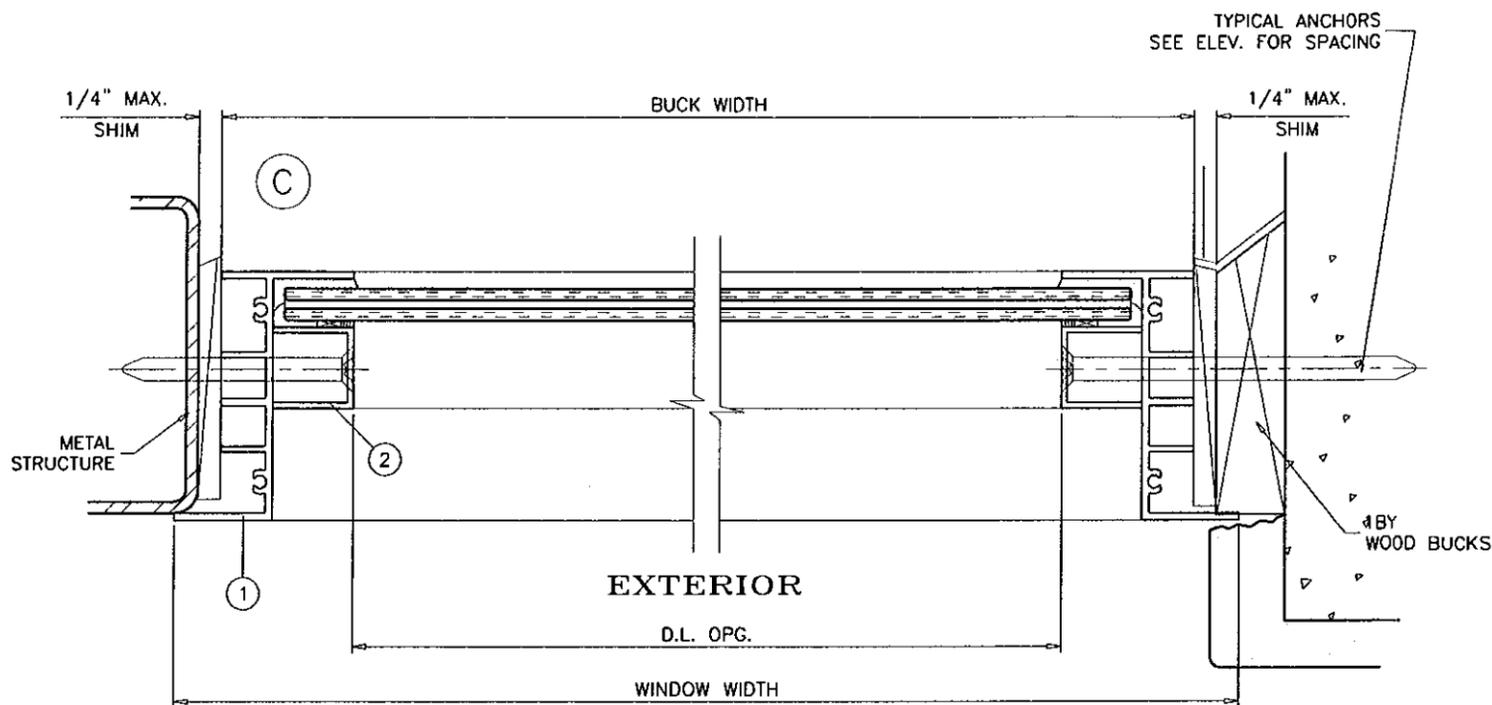
SERIES MPFX ALUMINUM FIXED WINDOW (L.M.I.)

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dr. by: HAMID
chk. by:

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W03-112
sheet 4 of 7



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 Division

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE #16557
 C.A.N. 3538

FLANGE FRAME WINDOW

MAR 26 2009

afc

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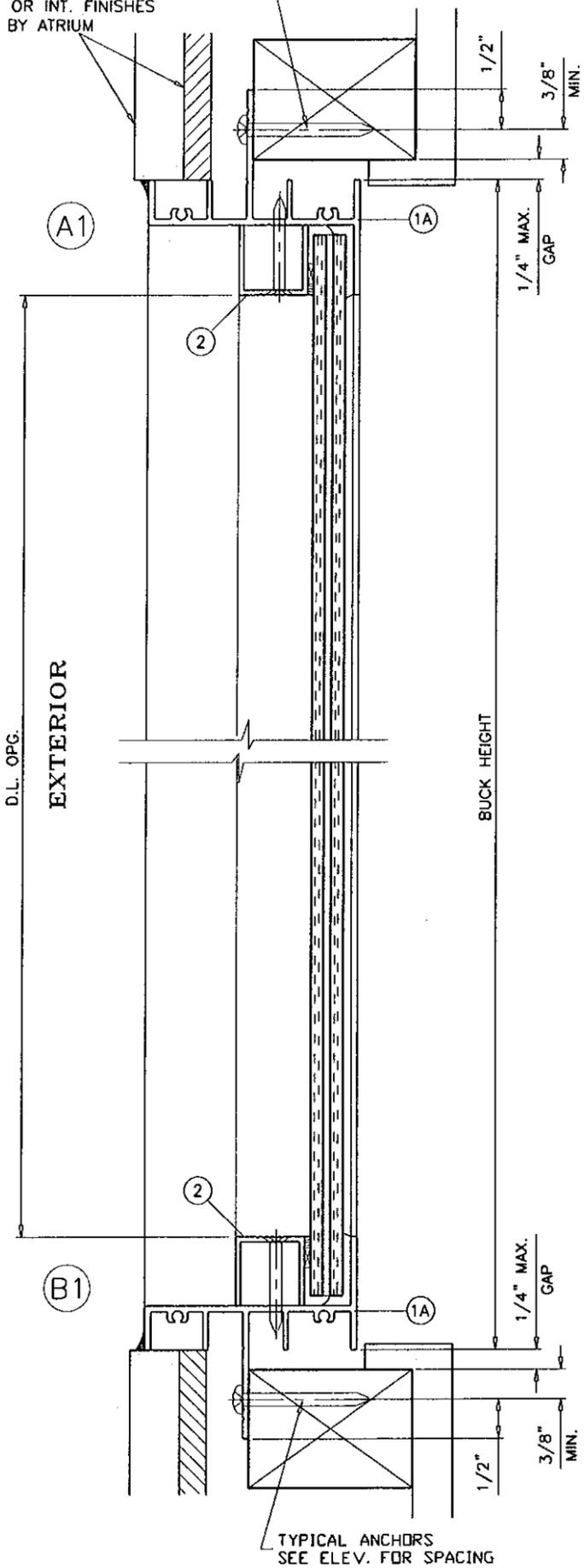
date: 12-12-03
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 dr. by: HAMID
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W03-112

sheet 5 of 7

ILLUSTRATIVE DTLS. ONLY
EXT. OR INT. FINISHES
NOT BY ATRIUM

TYPICAL ANCHORS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

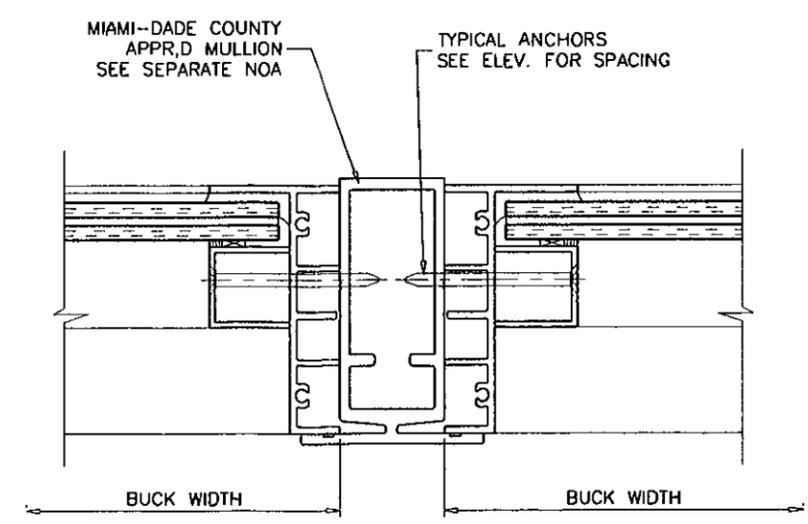
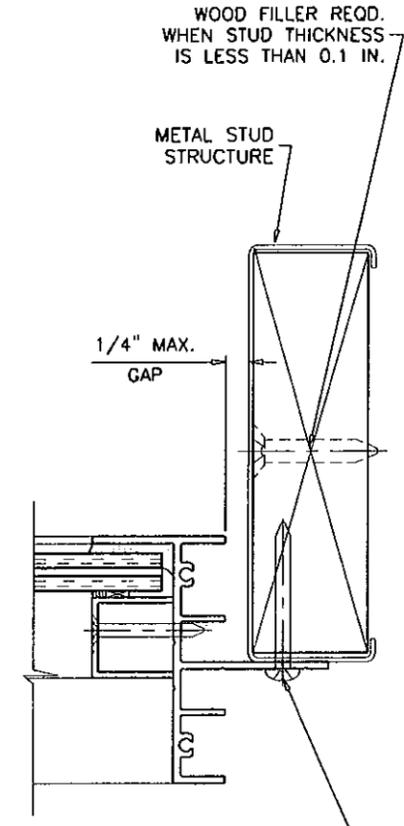
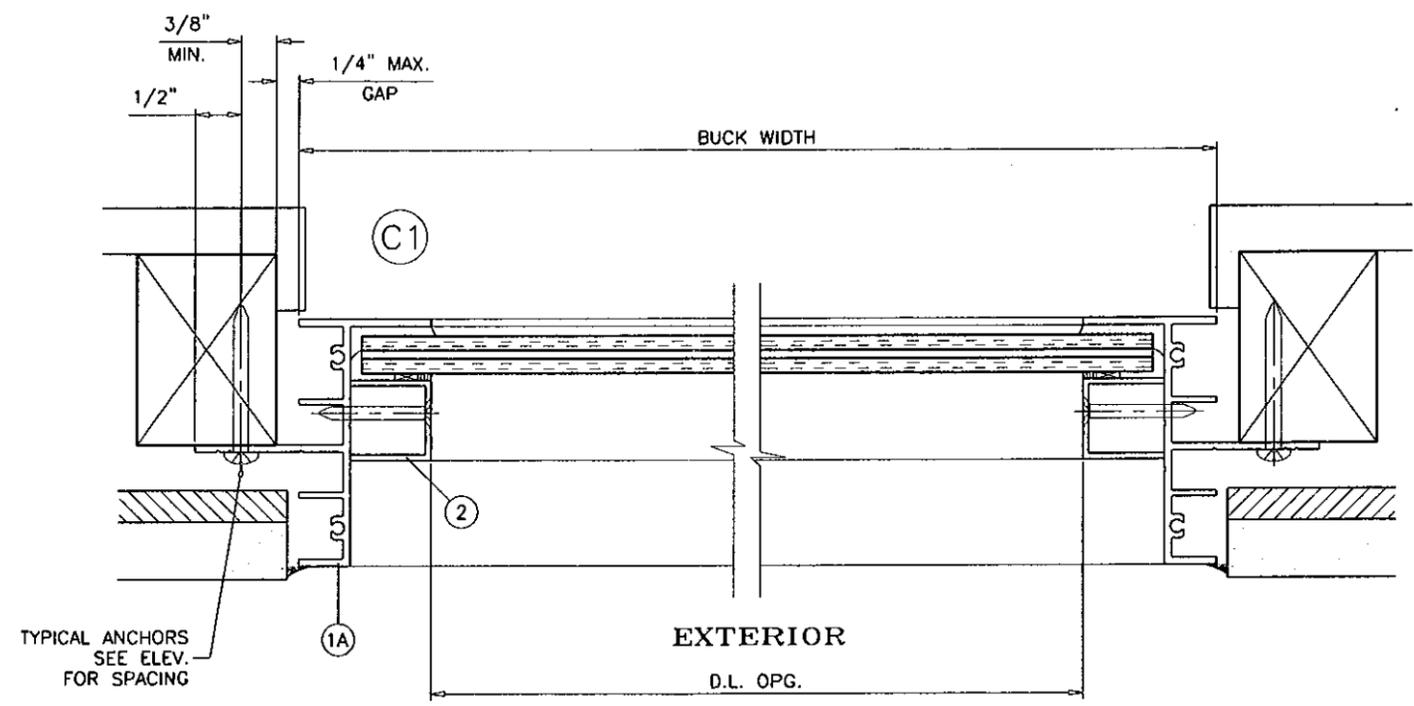
#10 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

#10 SMS OR SELF DRILLING SCREWS

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

WOOD BUCKS, METAL STUDS AND METAL STRUCTURE NOT BY ATRIUM
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.



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Division

FIN FRAME WINDOW

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

[Signature]
MAR 26 2009

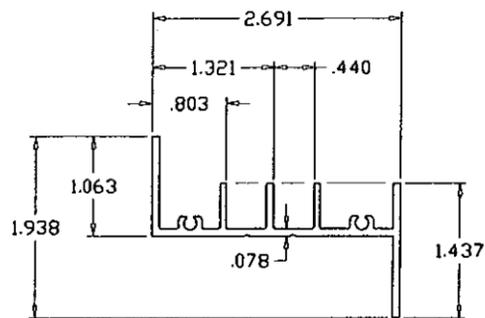


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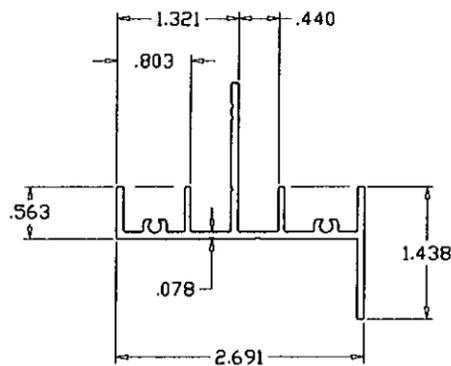
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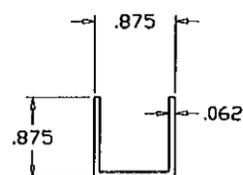
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sheet 6 of 7



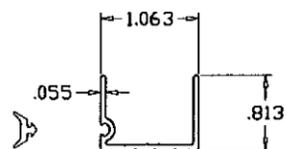
FLANGE FRAME
KCO-2057



FIN FRAME
KCO-2058



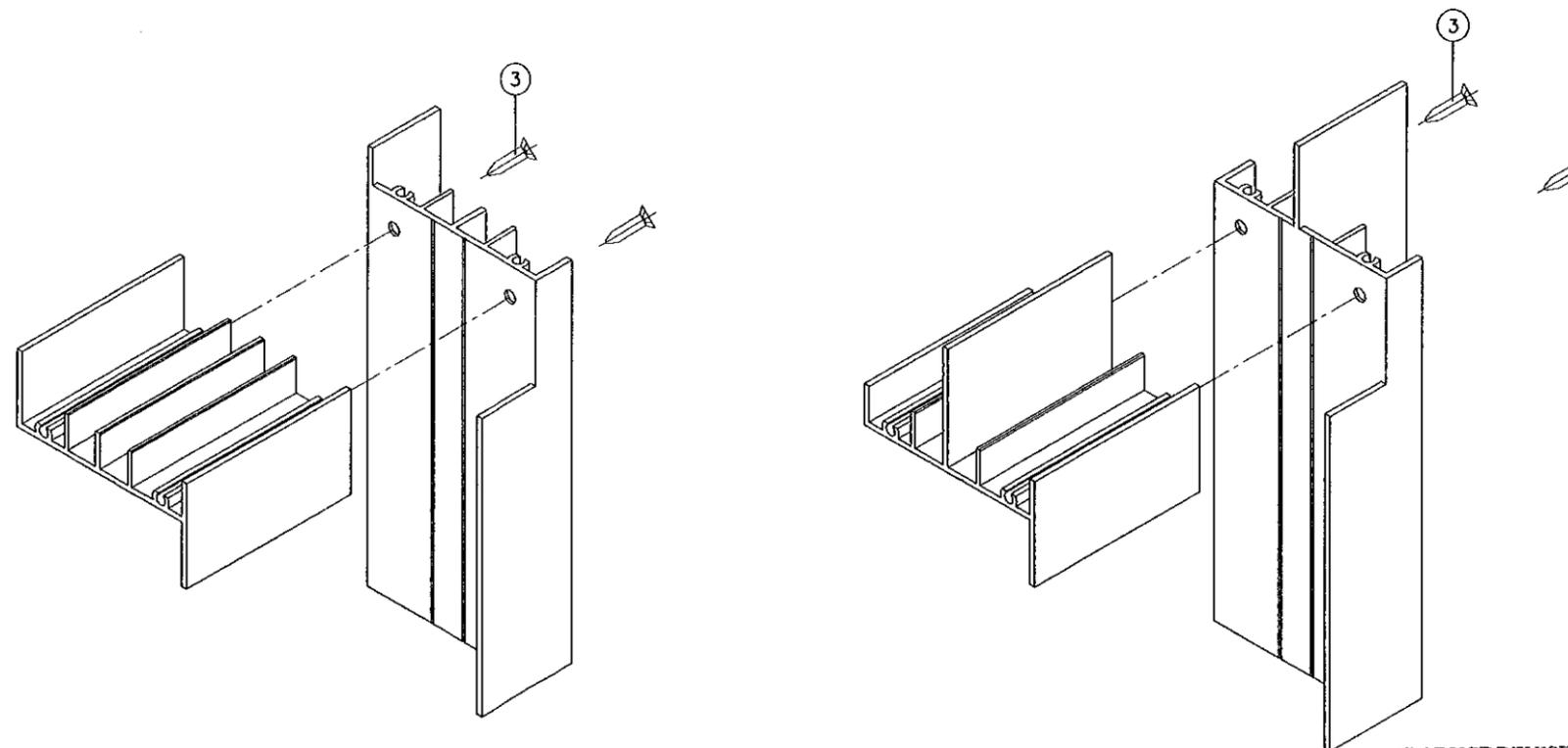
GLAZING STOP
KCO-C306229



ALT. GLAZING STOP
KCO-454

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KCO-2057	4	FLANGE FRAME	6063-T5	-
1A	KCO-2058	4	FIN FRAME	6063-T5	-
2	KCO-C306229	4	GLAZING STOP	6063-T5	-
2A	KCO-454	4	ALT. GLAZING STOP	6063-T5	-
2B	#557-S	4	ALT. GLAZING STOP GASKET	-	-
3	-	2/ CORNER	FRAME ASSEMBLY SCREWS	-	#8 X 1" SMS
4	-	AS REOD.	GLAZING BEAD SCREWS	-	#8 X 1-1/2" SMS

FRAME CORNERS SEALED WITH
NARROW JOINT SEAM SEALER.



FRAME CORNER CONSTRUCTION

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af c
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