



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.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

**ECO Window Systems, LLC**  
745 West 18<sup>th</sup> Street  
Hialeah, FL 33010

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed 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:** "Eco-Guard Series-200" Aluminum Horizontal Rolling Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W09-12, titled "Eco-Guard Series-200 Aluminum Horizontal Rolling Window (L.M.I.)", sheets 1 through 7 of 7, dated 02/24/2009, last revision #A dated 04/17/2009 prepared by Al-Farooq Corp., signed & sealed by Arshad Viqar, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** Large and Small Missile Impact

**LIMITATIONS:** Miami-Dade County Product Control Approved Shutters Or Protection Devices Are Not Required.

**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 consists of this page 1 and evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
05/27/2009

NOA No. 09-0312.08  
Expiration Date: 05/27/2014  
Approval Date: 05/27/2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. *Manufacturer's die drawings and sections.*
2. *Drawing No. W09-12, titled "Eco-Guard Series-200 Aluminum Horizontal Rolling Window (L.M.I.)", sheets 1 through 7 of 7, dated 02/24/2009, last revision #A dated 04/17/2009 prepared by Al-Farooq Corp., signed & sealed by Arshad Viqar, P.E.*

**B. TESTS**

1. *Test reports on: 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94  
3) Water Resistance Test, per TAS 202-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2226A**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
2. *Test reports on: 1) Large Missile Impact Test, per TAS 201-94  
2) Cyclic Wind Pressure Test, Loading per TAS 203-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2226B**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
3. *Test reports on: 1) Large Missile Impact Test, per TAS 201-94  
2) Cyclic Wind Pressure Test, Loading per TAS 203-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2227**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
4. *Test reports on: 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94  
3) Water Resistance Test, per TAS 202-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2228A**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
5. *Test reports on: 1) Large Missile Impact Test, per TAS 201-94  
2) Cyclic Wind Pressure Test, Loading per TAS 203-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2228B**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
6. *Test reports on: 1) Large Missile Impact Test, per TAS 201-94  
2) Cyclic Wind Pressure Test, Loading per TAS 203-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2229**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*



Henry A. Makar, P.E., M.S.  
Senior Product Control Examiner  
NOA No. 09-0312.08  
Expiration Date: 05/27/2014  
Approval Date: 05/27/2009

**ECO Window Systems, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

7. *Test reports on: 1) Uniform Static Air Pressure Test, Loading per TAS 202-94 along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2230A**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*
8. *Test reports on: 1) Large Missile Impact Test, per TAS 201-94  
2) Cyclic Wind Pressure Test, Loading per TAS 203-94  
along with marked-up drawings and installation diagram of XOX aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2230B**, dated 01/15/09, signed and sealed by Candido F. Font, P.E.*

**C. CALCULATIONS**

1. *Comparative analysis and Anchor verification calculations and structural analysis, complying with FBC-2004/2007, sheets G-1 to G-2, CR-1 to CR-27, DC-1, TR-1 to TR-5, Ca-1 to CA-26, GL-1 to GL-3, A-1 to A-4, R-1 to R-3, prepared by Al-Farooq Corporation, dated 03/02/09, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-02/04.***

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office (BCCO).*

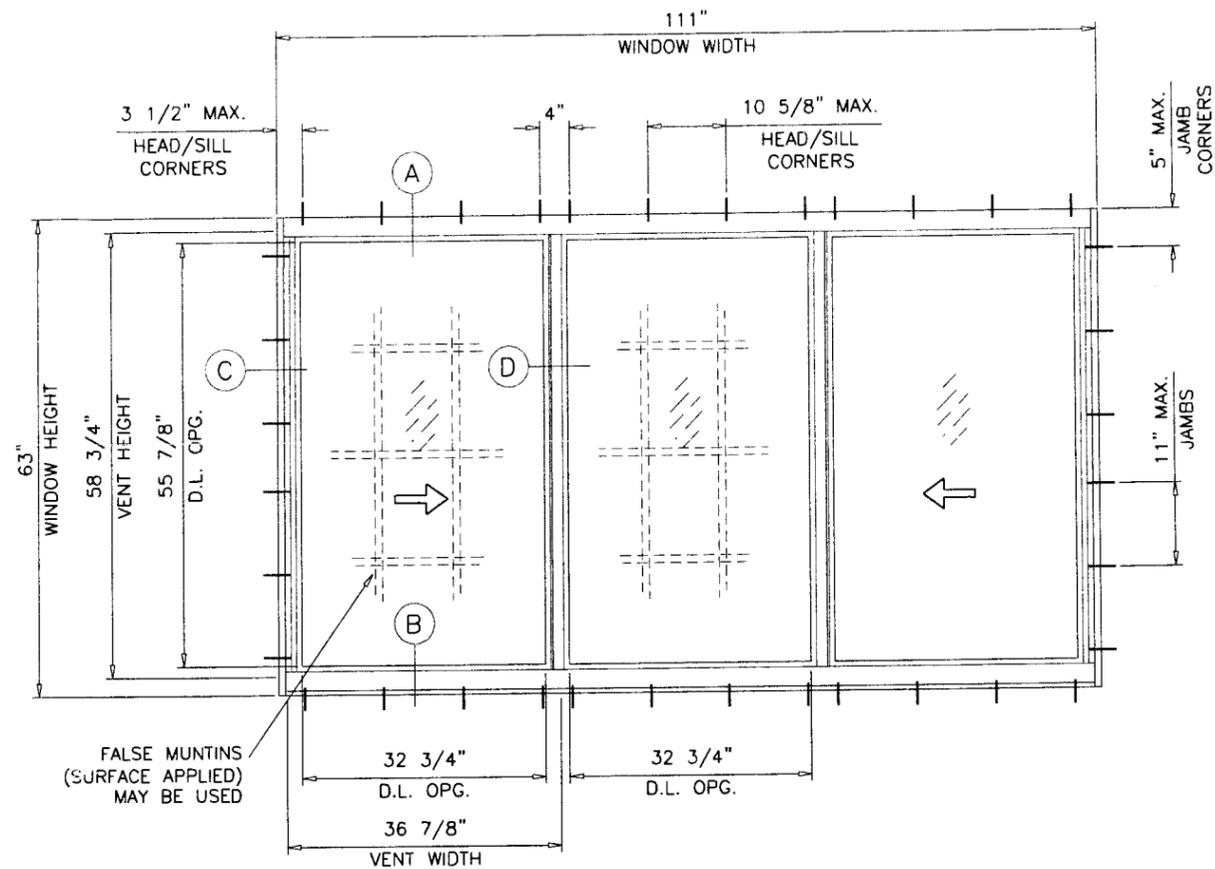
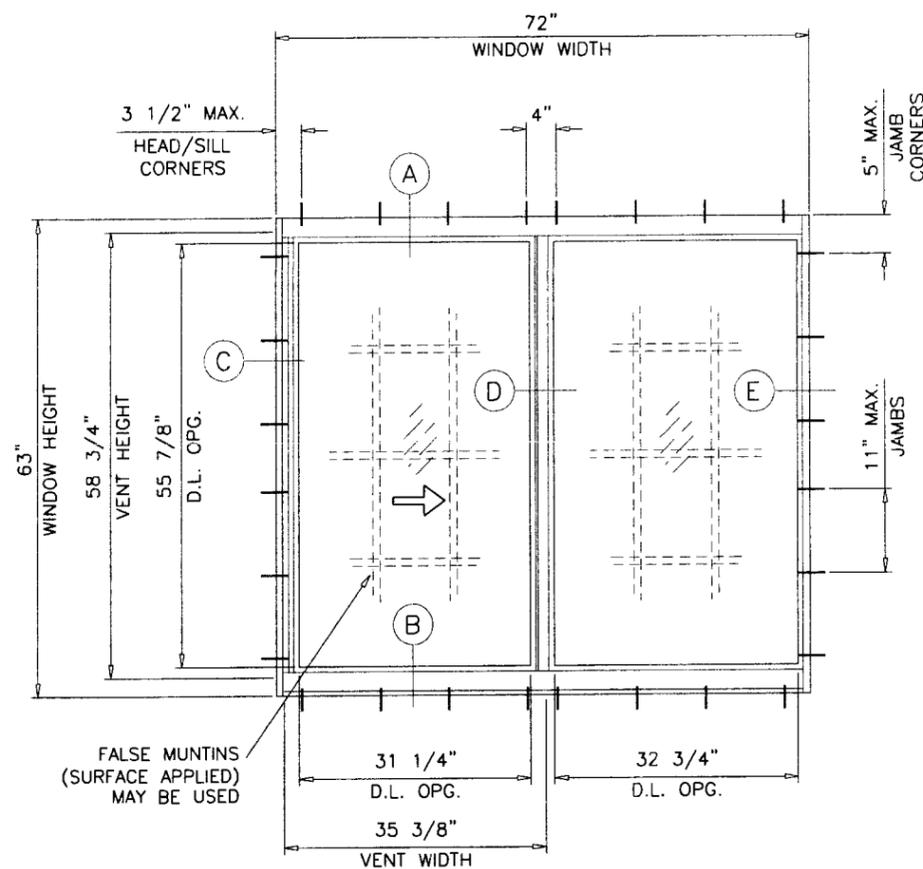
**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance, dated April 28, 2009, signed and sealed by Arshad Viqar, P.E.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Senior Product Control Examiner  
NOA No. 09-0312.08  
Expiration Date: 05/27/2014  
Approval Date: 05/27/2009



TYPICAL ELEVATIONS

**ECO-GUARD SERIES-200**  
**ALUMINUM HORIZONTAL ROLLING WINDOW**

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING 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).

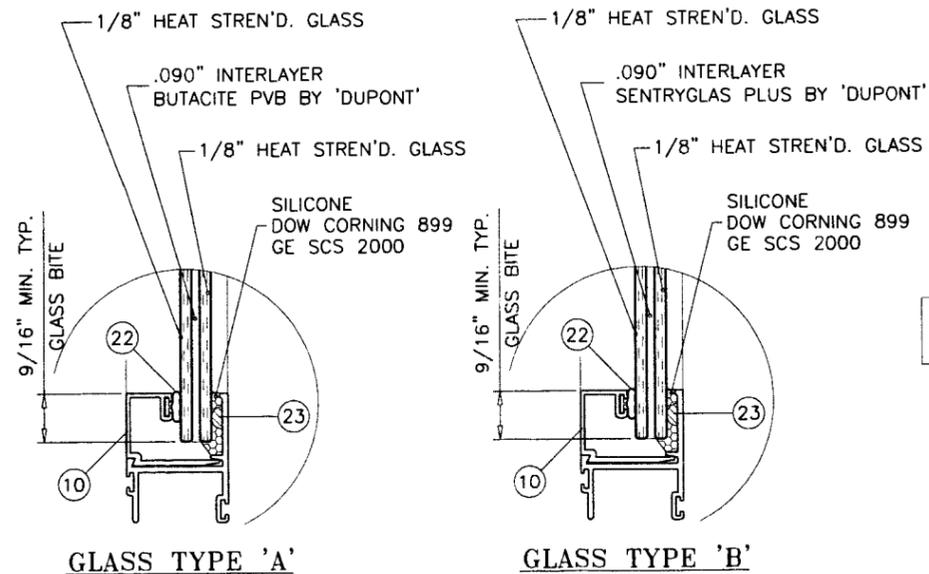
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.



GLAZING OPTIONS

Approved as complying with the Florida Building Code  
 Date 05/27/2009  
 NOA# 09-0312-08  
 Miami Dade Product Control  
 Division/  
 By Helmy A. Mebra

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

Engr: ARSHAD VIQAR  
 CIVIL  
 FLA. PE # 38863  
 C.A.N. 3538  
 APR 24 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\W09-12ECO

ECO-GUARD SERIES-200 ALUM. HORIZ. ROLLING WDW. (L.M.I.)  
**ECO WINDOW SYSTEMS, LLC.**  
 745 WEST 18TH STREET  
 HIALEAH, FL. 33010  
 TEL. (305) 261-2223 FAX (305) 261-2539

no.	date	description	by
A	04.17.09	NO CHANGE THIS SHEET	

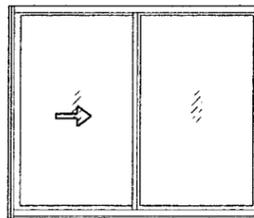
revisions:

date: 02-24-09  
 scale: 1/2" = 1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no. **W09-12**  
 sheet 1 of 7

DESIGN LOAD CAPACITY - PSF (XO, OX OR XX SIZES)						
WINDOW DIMS.		A	W/O REINF.		WITH REINF.	
			GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (3)	4	70.0	80.0	80.0	90.0
37"		4	70.0	80.0	80.0	90.0
53-1/8"		6	70.0	80.0	80.0	90.0
74"		8	70.0	80.0	80.0	90.0
26-1/2"	38-3/8" (3)	4	70.0	80.0	80.0	90.0
37"		4	70.0	80.0	80.0	90.0
53-1/8"		6	70.0	80.0	80.0	90.0
74"		8	70.0	80.0	80.0	90.0
26-1/2"	50-5/8" (4)	4	70.0	80.0	80.0	90.0
37"		4	70.0	80.0	80.0	90.0
53-1/8"		6	70.0	80.0	80.0	90.0
74"		8	70.0	80.0	80.0	90.0
26-1/2"	63" (5)	4	70.0	80.0	80.0	90.0
37"		4	68.9	77.5	80.0	90.0
53-1/8"		6	70.0	70.0	80.0	90.0
74"		8	70.0	70.0	80.0	80.4
24"	24" (2)	4	70.0	80.0	80.0	90.0
36"		4	70.0	80.0	80.0	90.0
48"		6	70.0	80.0	80.0	90.0
60"		6	70.0	80.0	80.0	90.0
72"		8	70.0	80.0	80.0	90.0
24"	36" (3)	4	70.0	80.0	80.0	90.0
36"		4	70.0	80.0	80.0	90.0
48"		6	70.0	80.0	80.0	90.0
60"		6	70.0	80.0	80.0	90.0
72"		8	70.0	80.0	80.0	90.0
24"	48" (4)	4	70.0	80.0	80.0	90.0
36"		4	70.0	80.0	80.0	90.0
48"		6	70.0	80.0	80.0	90.0
60"		6	70.0	80.0	80.0	90.0
72"		8	70.0	80.0	80.0	90.0
24"	60" (5)	4	70.0	80.0	80.0	90.0
36"		4	70.0	80.0	80.0	90.0
48"		6	70.0	70.0	80.0	90.0
60"		6	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	87.6

A = NO. OF ANCHORS PER HEAD & SILL  
( ) = NO. OF ANCHORS PER JAMB

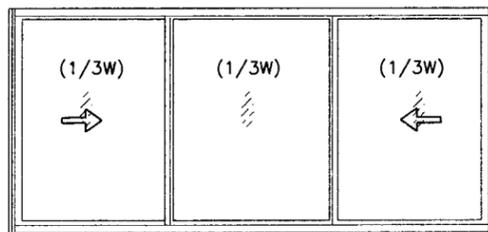


LEFT AND RIGHT VENTS TO BE OF EQUAL GLASS DLO WIDTHS

'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS.		A	W/O REINF.		WITH REINF.	
			GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26" (3)	9	70.0	80.0	80.0	90.0
106-1/4"		12	70.0	80.0	80.0	90.0
111"		12	70.0	80.0	80.0	90.0
74"	38-3/8" (3)	9	70.0	80.0	80.0	90.0
106-1/4"		12	70.0	80.0	80.0	90.0
111"		12	70.0	80.0	80.0	90.0
74"	50-5/8" (4)	9	70.0	80.0	80.0	90.0
106-1/4"		12	70.0	80.0	80.0	90.0
111"		12	70.0	80.0	80.0	90.0
74"	63" (5)	9	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	82.6
111"		12	70.0	70.0	80.0	80.4
72"	24" (2)	9	70.0	80.0	80.0	90.0
84"		9	70.0	80.0	80.0	90.0
96"		12	70.0	80.0	80.0	90.0
108"		12	70.0	80.0	80.0	90.0
72"	36" (3)	9	70.0	80.0	80.0	90.0
84"		9	70.0	80.0	80.0	90.0
96"		12	70.0	80.0	80.0	90.0
108"		12	70.0	80.0	80.0	90.0
72"	48" (4)	9	70.0	80.0	80.0	90.0
84"		9	70.0	80.0	80.0	90.0
96"		12	70.0	80.0	80.0	90.0
108"		12	70.0	80.0	80.0	90.0
72"	60" (5)	9	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		12	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	87.6

A = NO. OF ANCHORS PER HEAD & SILL  
( ) = NO. OF ANCHORS PER JAMB



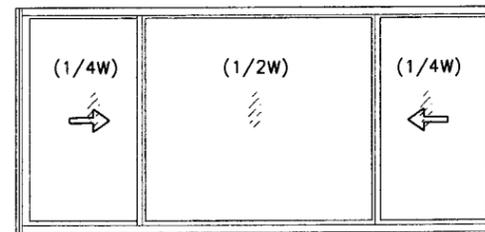
OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'

ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH ADD-ON RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXT.(+) LOADS TO 67.0 PSF SEE SHEET 4 FOR DETAIL.

DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS.		A	W/O REINF.		WITH REINF.	
			GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26" (3)	9	70.0	80.0	80.0	90.0
106-1/4"		12	70.0	80.0	80.0	90.0
111"		12	70.0	80.0	80.0	90.0
74"	38-3/8" (3)	9	70.0	80.0	80.0	90.0
106-1/4"		12	-	-	80.0	90.0
111"		12	-	-	80.0	90.0
74"	50-5/8" (4)	9	70.0	80.0	80.0	90.0
106-1/4"		12	-	-	80.0	90.0
111"		12	-	-	80.0	90.0
74"	63" (5)	9	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	82.6
111"		12	70.0	70.0	80.0	80.4
72"	24" (2)	9	70.0	80.0	80.0	90.0
84"		9	70.0	80.0	80.0	90.0
96"		12	70.0	80.0	80.0	90.0
108"		12	70.0	80.0	80.0	90.0
72"	36" (3)	9	70.0	80.0	80.0	90.0
84"		9	70.0	80.0	80.0	90.0
96"		12	70.0	80.0	80.0	90.0
108"		12	-	-	80.0	90.0
72"	48" (4)	9	70.0	80.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		12	70.0	70.0	80.0	90.0
108"		12	-	-	80.0	90.0
72"	60" (5)	9	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		12	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	87.6

A = NO. OF ANCHORS PER HEAD & SILL  
( ) = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

'XOX'

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

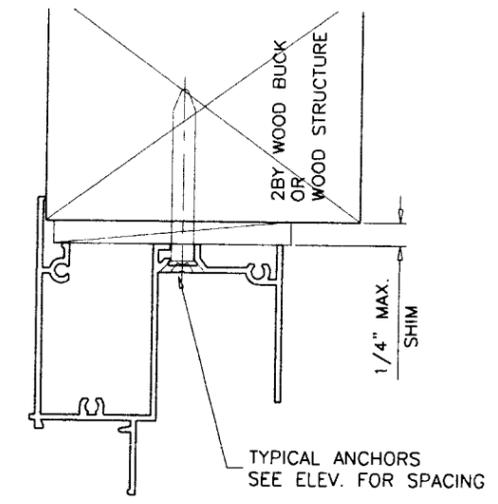
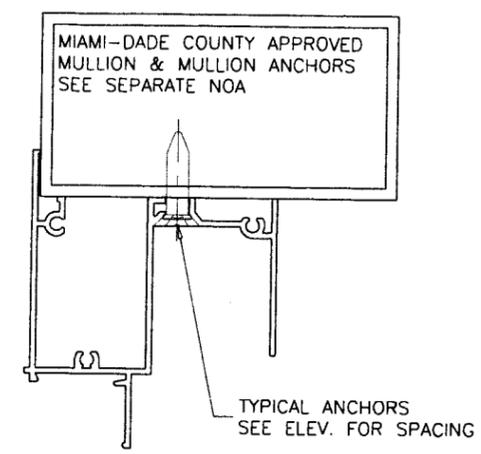
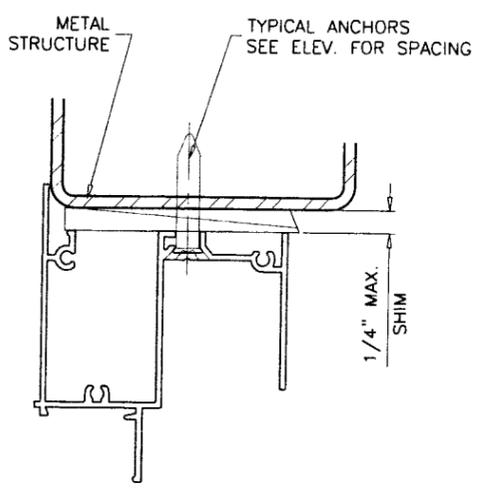
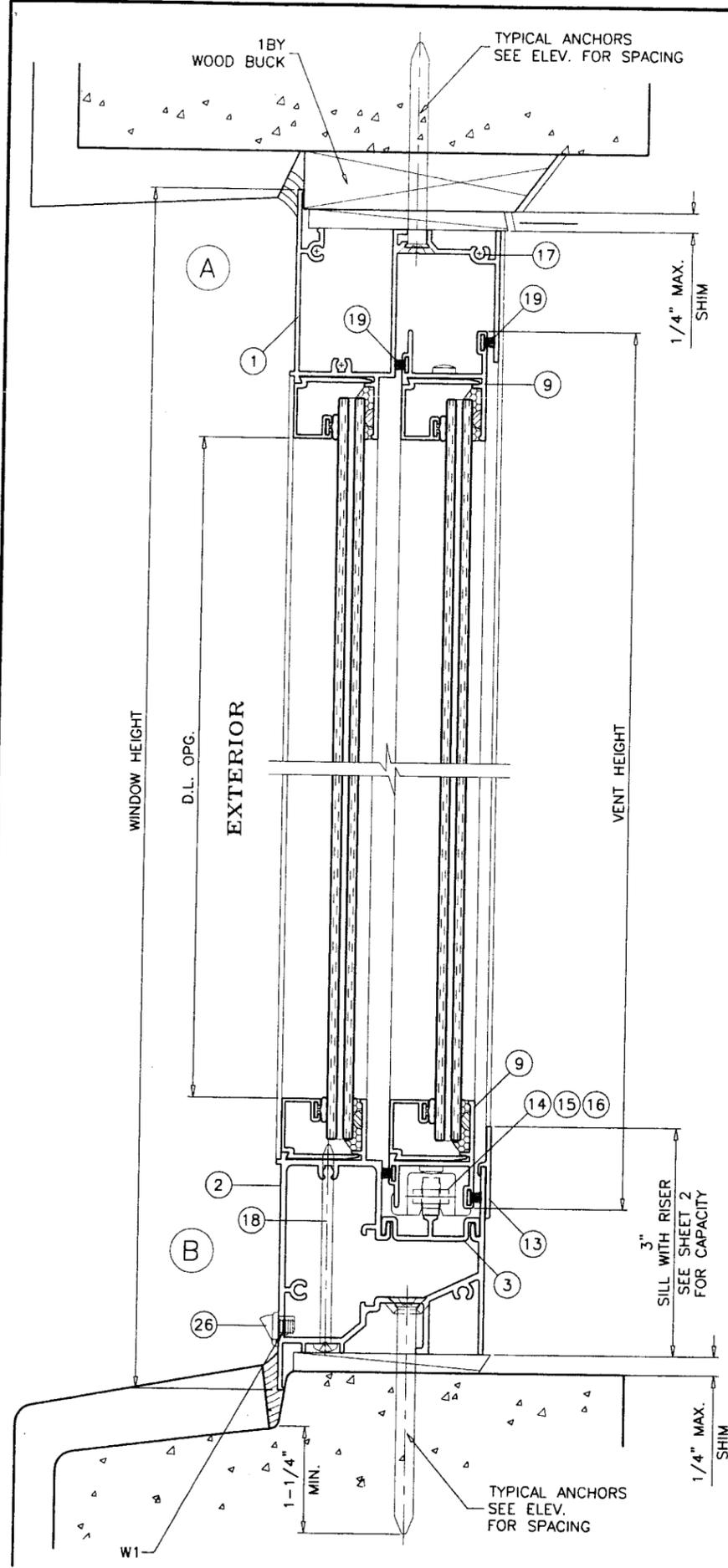
Engr: ARSHAD VIQAR  
CIVIL  
FLA. PE # 38863  
C.A.N. 3538

APR 24 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\W09-12ECO

ECO-GUARD SERIES-200 ALUM HORIZ. ROLLING WDW. (L.M.I.)  
**ECO WINDOW SYSTEMS, LLC.**  
745 WEST 18TH STREET  
HIALEAH, FL. 33010  
TEL. (305) 261-2223 FAX (305) 261-2539

revisions:	no.	date	by	description
	A	04.17.09		NO CHANGE THIS SHEET
date:	02-24-09			
scale:				
dr. by:	HAMID			
chk. by:				
drawing no.	W09-12			
sheet	2 of 7			



**WEEPHOLES:**

W1 = 3/8" X 2-1/4" WEEPHOLES AT EACH END AND 37" O.C. MAX.

**SEALANT:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.

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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

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

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)  
INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

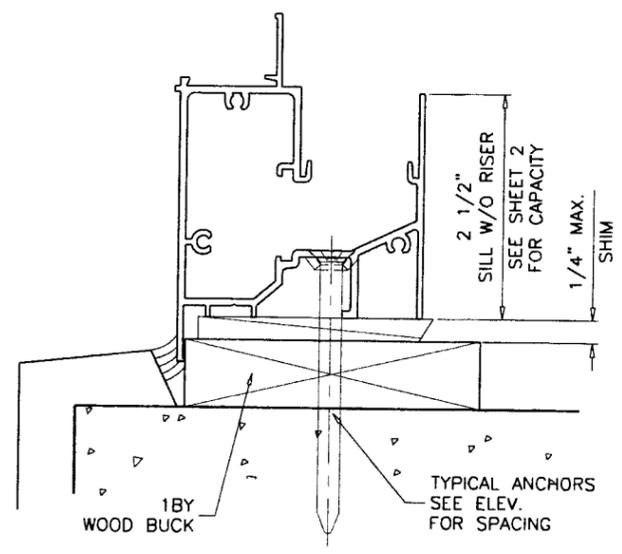
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

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 = 2000 PSI MIN.



Engr: ARSHAD VIQAR  
CIVIL  
FLA. PE # 38863  
C.A.N. 3538

APR 24 2009

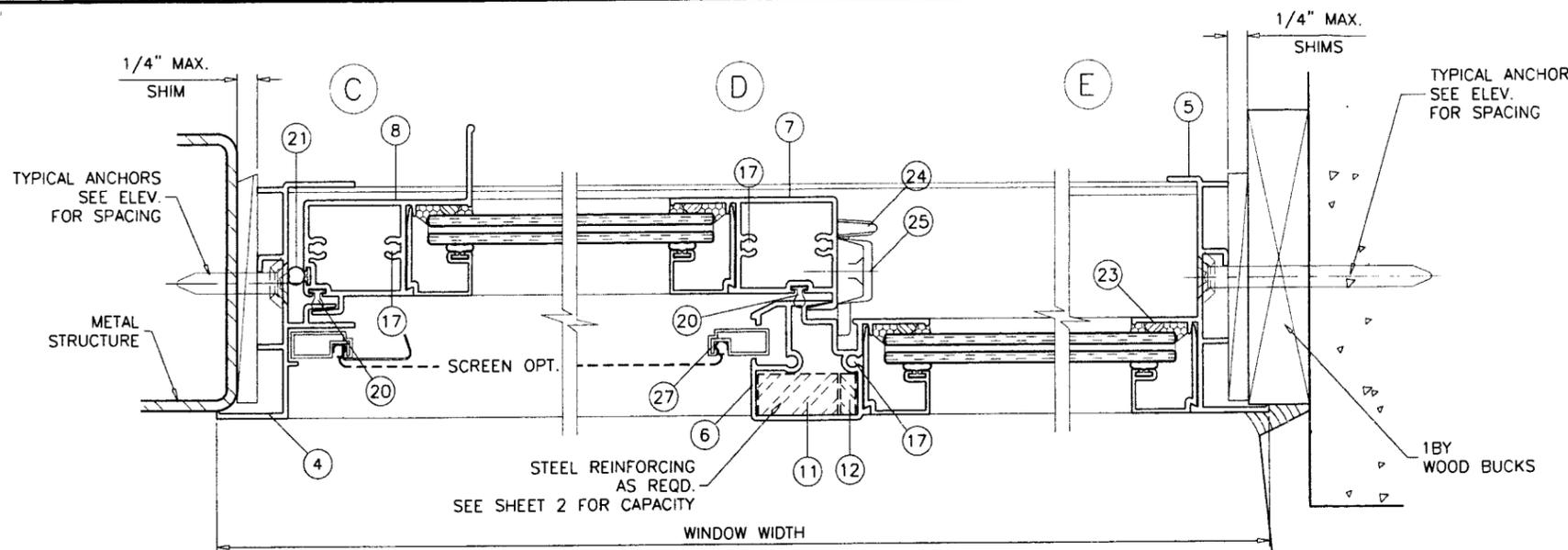
Approved as complying with the Florida Building Code  
Date 05/27/2009  
NOA# 09-03/2.08  
Miami Dade Product Control Division  
By: *Helmy A. Abdel*

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W09-12ECO

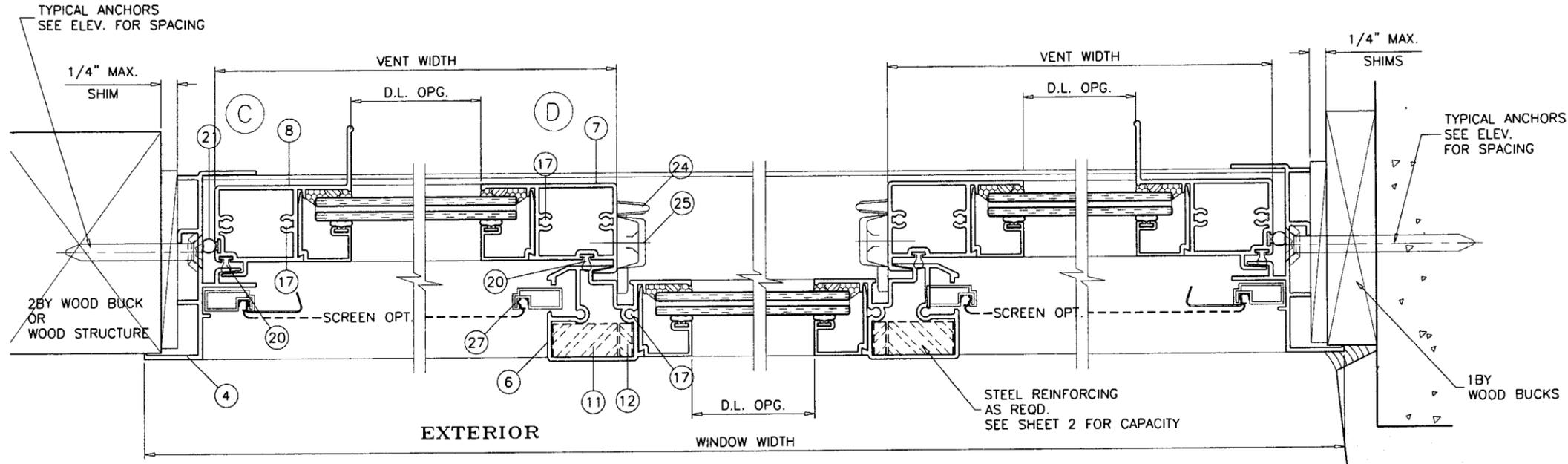
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**ECO WINDOW SYSTEMS, LLC.**  
745 WEST 18TH STREET  
HIALEAH, FL. 33010  
TEL. (305) 261-2223 FAX (305) 261-2539

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sheet 3 of 7			

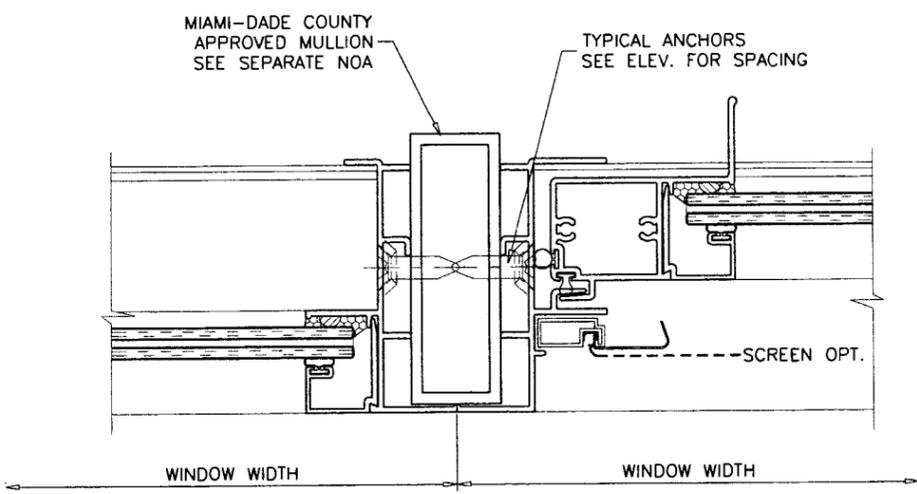


XO LAYOUT



EXTERIOR

XOX LAYOUT



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 NOA# 09-032-08  
 Miami Dade Product Control  
 Division  
 By *Helmy A. M...*

Engr: ARSHAD VIQAR  
 CIVIL  
 FLA. PE # 38863  
 C.A.N. 3538

*Arshad Viqar*

APR 24 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  
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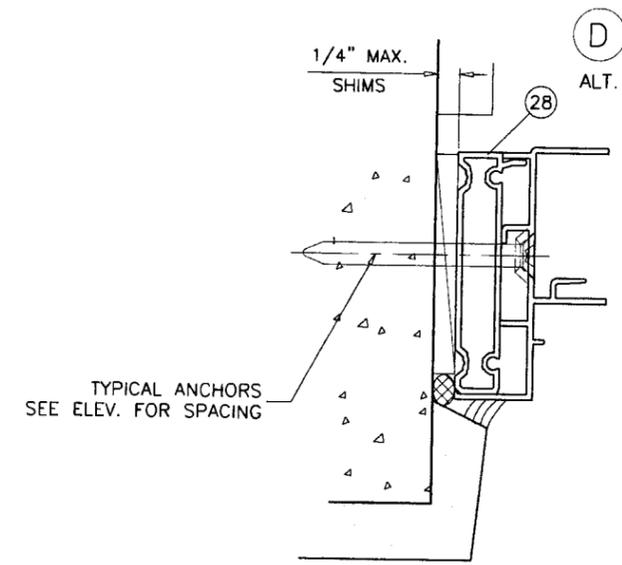
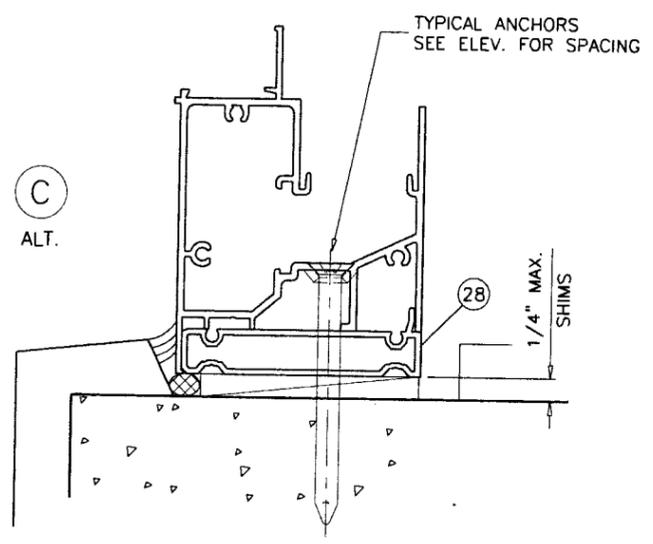
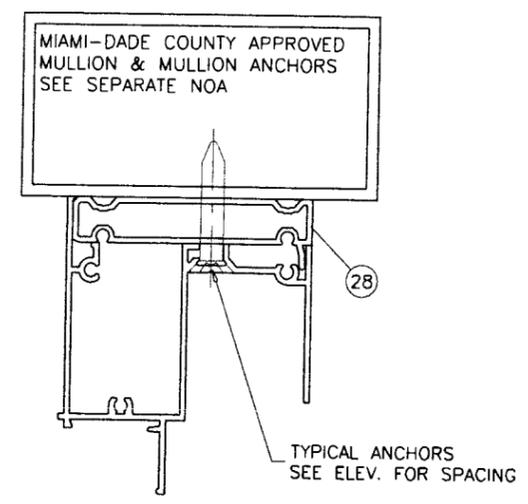
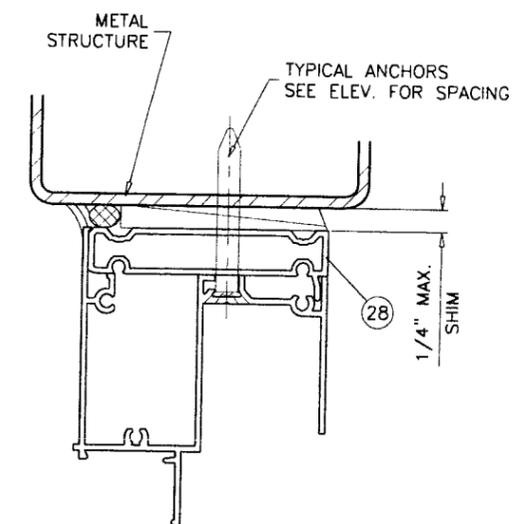
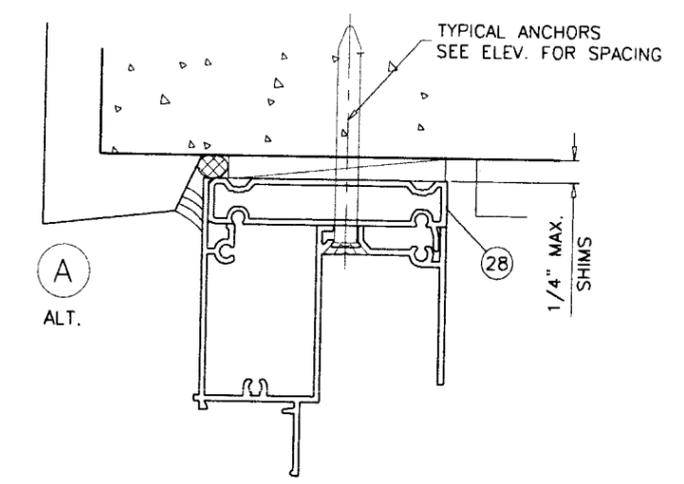
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 dr. by: HAMID  
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**W09-12**

sheet 4 of 7



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

Engr: ARSHAD VIQAR  
CIVIL  
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C.A.N. 3538

*[Signature]*

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Division  
By *[Signature]*

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ECO-GUARD SERIES-200 ALUM HORIZ. ROLLING WDW. (L.M.I.)

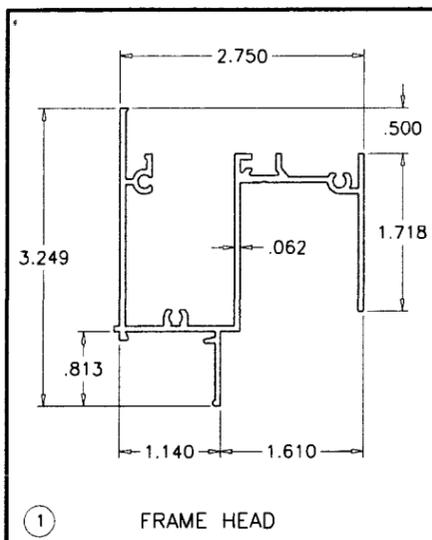
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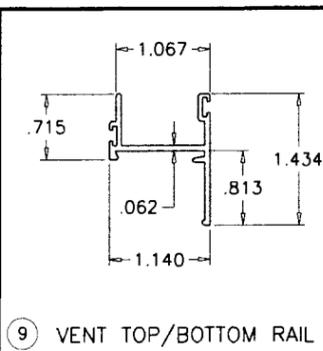
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sheet 5 of 7

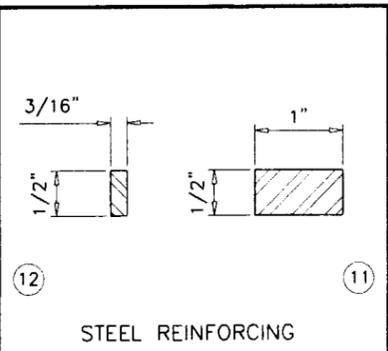
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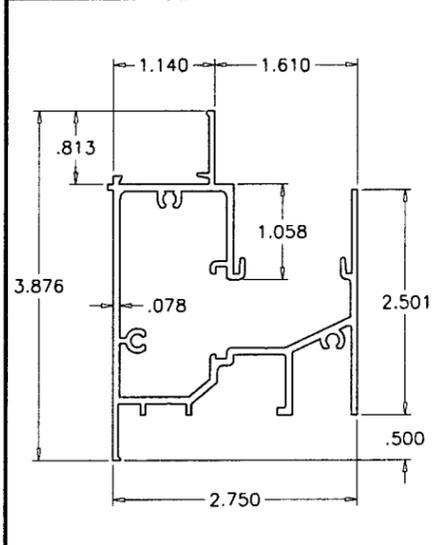
1 FRAME HEAD



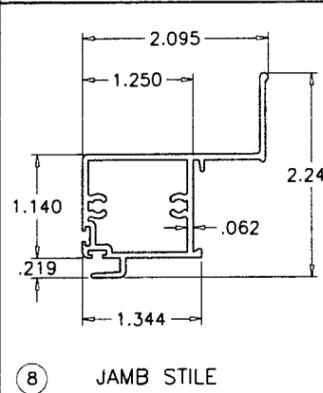
9 VENT TOP/BOTTOM RAIL



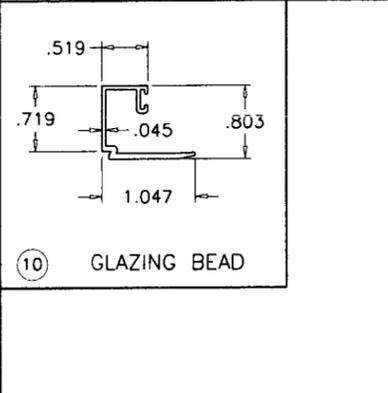
STEEL REINFORCING



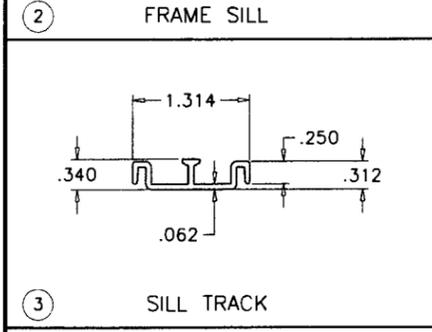
2 FRAME SILL



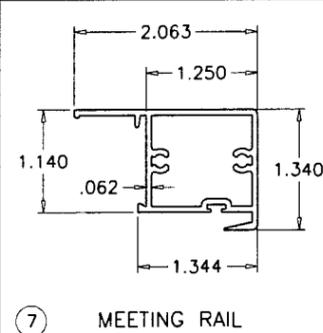
8 JAMB STILE



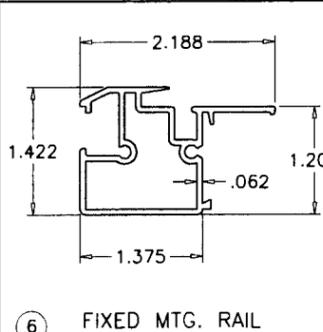
10 GLAZING BEAD



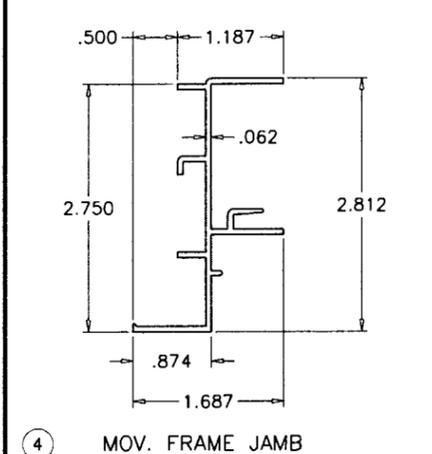
3 SILL TRACK



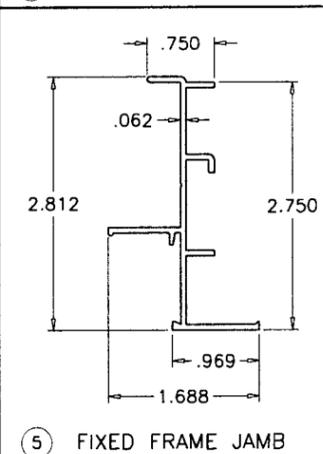
7 MEETING RAIL



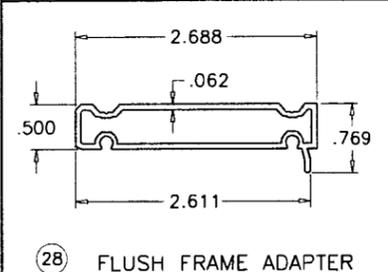
6 FIXED MTG. RAIL



4 MOV. FRAME JAMB



5 FIXED FRAME JAMB



28 FLUSH FRAME ADAPTER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FY201	1	FRAME HEAD	6063-T5	-
2	FY202	1	FRAME SILL	6063-T5	-
3	FY203	1	SILL TRACK INSERT	6063-T6	-
4	FY205	AS REQD.	MOV. FRAME JAMB	6063-T6	-
5	FY101	AS REQD.	FIXED FRAME JAMB	6063-T6	-
6	FY104	1/ VENT	FIXED MTG. RAIL	6063-T6	-
7	FY105	1/ VENT	VENT INTERLOCK	6063-T6	-
8	FY206	1/ VENT	JAMB STILE	6063-T6	-
9	FY107	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
10	FY108	AS REQD.	GLAZING BEAD	6063-T6	-
11	-	AS REQD.	REINFORCING BAR	STEEL	-
12	-	AS REQD.	REINFORCING BAR	STEEL	-
13	FY204	AS REQD.	ADD-ON SILL RISER	6063-T6	USE AS REQD.
14	FY208	4/ VENT	ROLLER HOUSING & GUIDE	CELCON	-
15	FY209	2/ VENT	ROLLER	BRASS	-
16	FY210	2/ VENT	ROLLER PIN	ST. STEEL	-
17	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
18	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
19	W23181	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
20	Q300T190	AS REQD.	BULB SEAL	Q-LON	SCHLEGEL
21	E207	AS REQD.	BULB SEAL	SANTOPRENE	ULTRAFAB
22	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB
23	-	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
24	SL203P	2/ VENT	SWEEP LATCH	-	SULLIVAN & ASSOC.
25	#8 X 1/8"	2/ LATCH	LATCH INST. SCREW	ST. STEEL	OH SMS
26	WA2L	2/ WDW.	WEEP VALVE	-	PREFERRED ENG. PRODUCTS
27	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
28	FY120	-	FLUSH FRAME ADAPTER	6063-T6	OPTIONAL

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Engr: ARSHAD VIQAR  
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 APR 24 2009

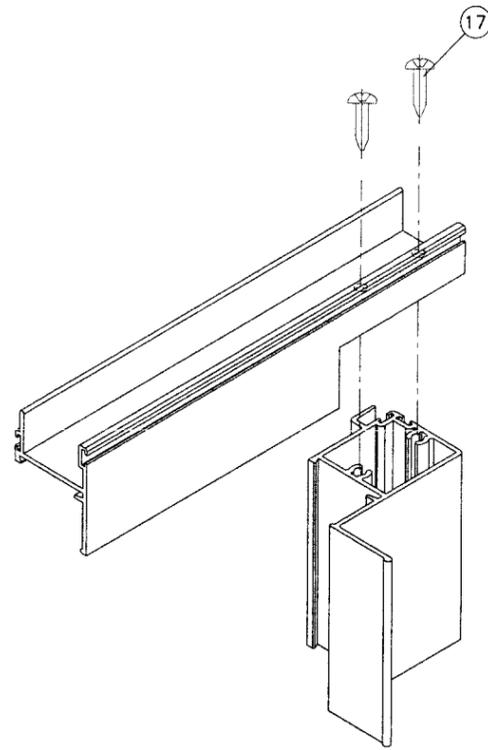
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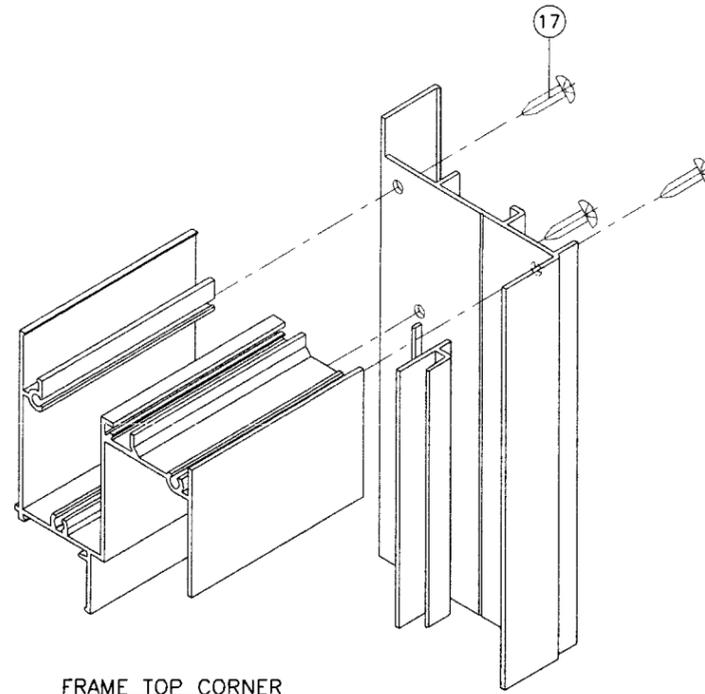
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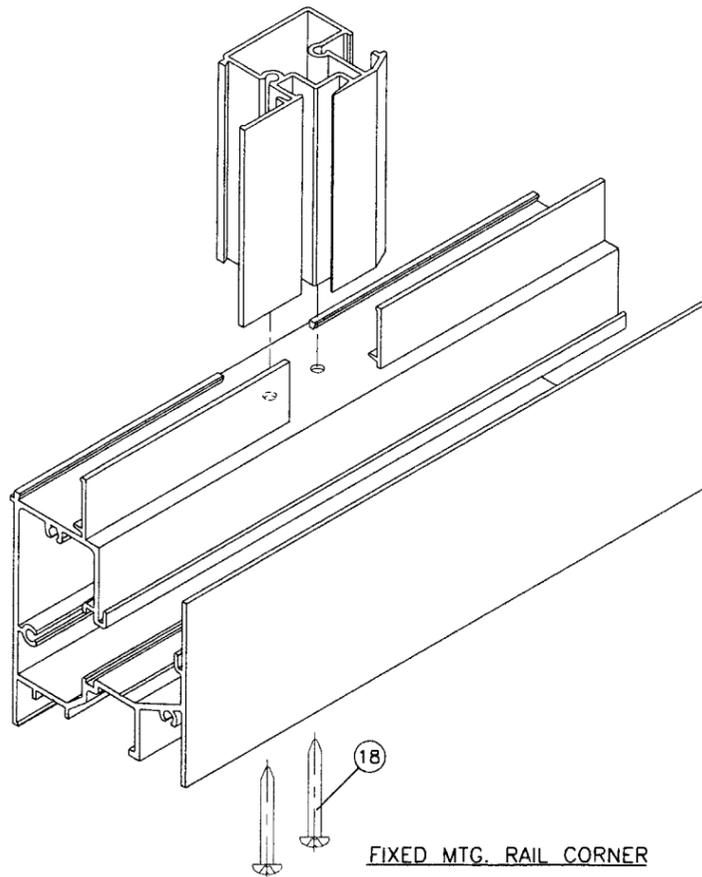
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**W09-12**  
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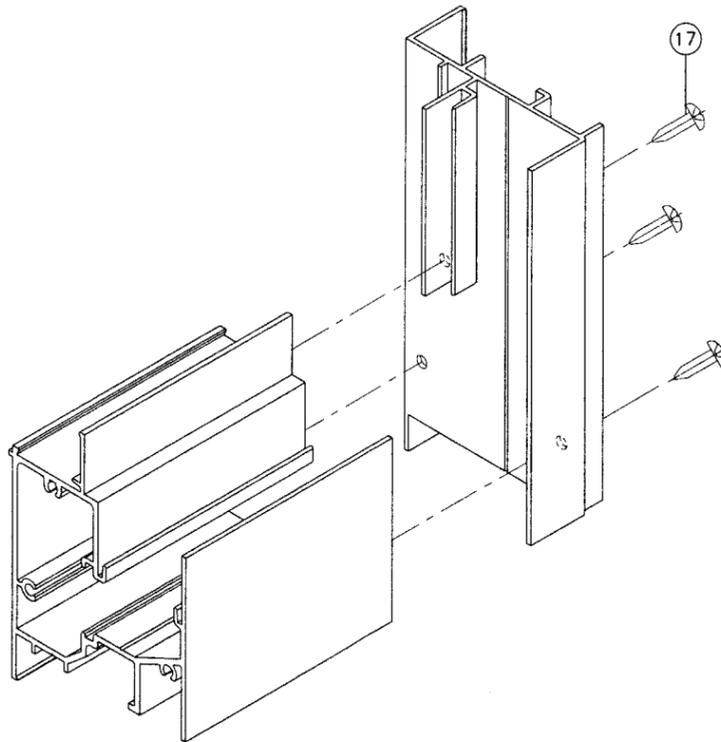
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTC. RAIL CORNER



FRAME BOTTOM CORNER

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 Miami Dade Product Control  
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 By Heung A. Makin

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**af c**  
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