



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/pera

Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, FL 33012

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 PERA - 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. PERA 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 Rebecca Aluminum Horizontal Sliding Window-Impact

APPROVAL DOCUMENT: Drawing No. W99-63, titled "S-Rebecca Coastal Horiz. Rolling Wdw. (L.M.I.)", sheets 1 through 7 of 7, prepared by Al Farooq Corporation, dated 09/01/99 with revision E dated 02/27/12, 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

Limitation: Exterior load to be limited to +60 psf w/ std. sill and to +100 psf w/ 3-1/8" sill riser.

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# 08-0506.08 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
8/28/12

NOA No. 12-0604.15
Expiration Date: May 12, 2013
Approval Date: September 6, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA# 08-0506.08)
2. Drawing No. **W99-63**, titled "S-Rebecca Coastal Horiz. Rolling Wdw. (L.M.I.)", sheets 1 through 7 of 7, prepared by Al Farooq Corporation, dated 09/01/99 with revision E dated 02/27/12, 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 202-94
along with marked-up drawings and installation diagram of an (OXO) aluminum sliding glass window, prepared by Fenestration Testing Lab., Test Report No. **FTL - 5260 (07029)** dated 07-02-07, witnessed by Carlos S. Roinda, P.E.
(Submitted under previous NOA# 08-0506.08)

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an (OX) aluminum sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL -2308 (99028)** dated 07-15-99, witnessed by late Gilbert Diamond, P.E., reviewed & signed and sealed by Jose D. Mitrani, P.E. Test report was reviewed & revised by addendum letter dated 09-08-99, signed and sealed by Jose D. Mitrani, P.E. Test report further was reviewed & revised by addendum letter dated 04-18-00, signed and sealed by Aldo P. Gonzales, P.E.
(Submitted under NOA#99-1116.04 & 03-0401.01), Test conducted per PA201, 202, &203-94, now classified as TAS201, 202, 203-94.)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al-Farooq Corporation, dated 05/31/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04.



Jaime D. Gascon, P.E.
Product Control Section Supervisor
NOA No. 12-0604.15
Expiration Date: May 12, 2013
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Universal Impact Windows & Doors, Inc.

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D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **08-0709.04** issued to **Glasslam N.G.I., Inc.** for their "**Safety-Plus II Laminated Glass**" dated 09/11/08, expiring on 08/07/13.
2. 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.

F. STATEMENTS

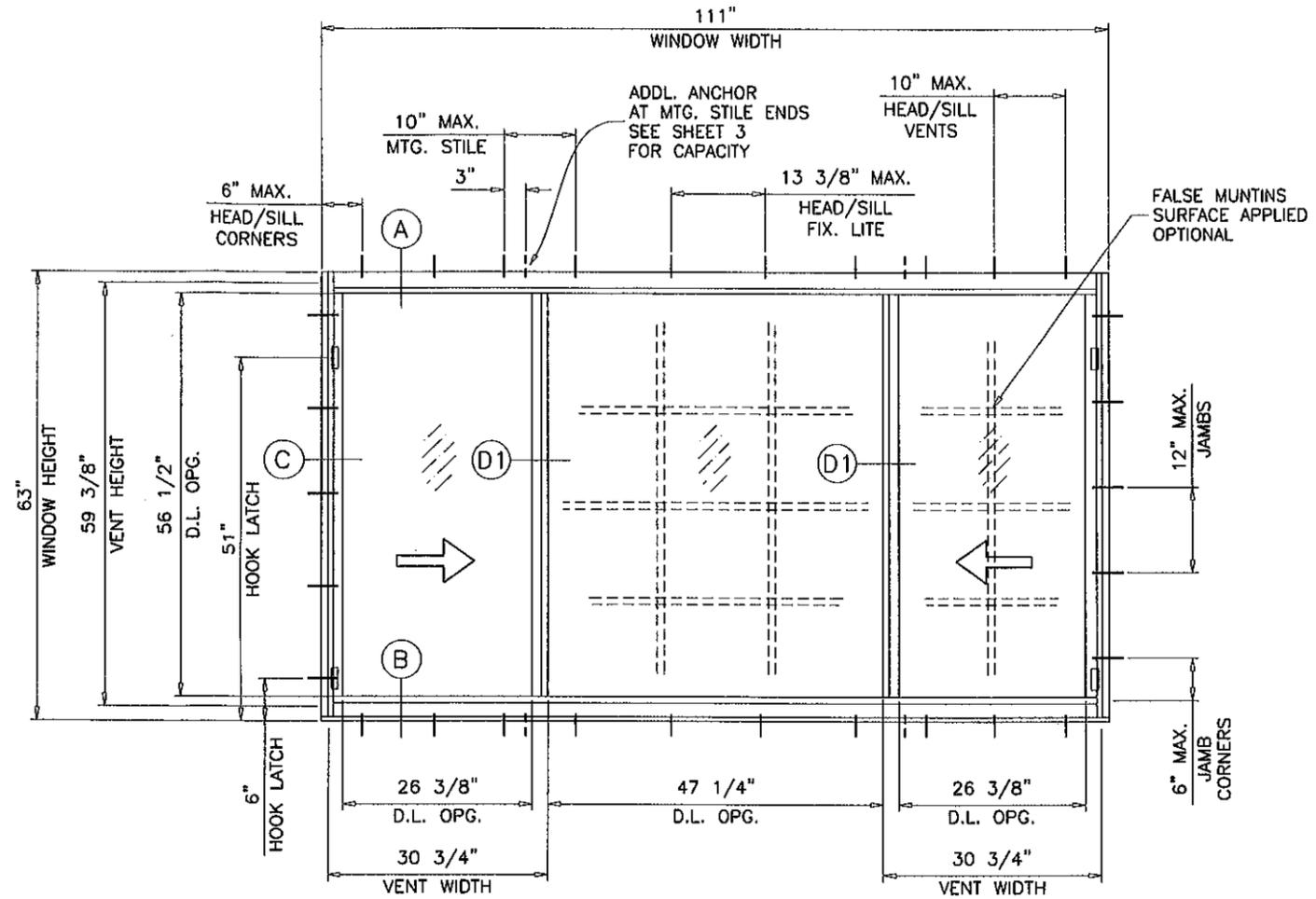
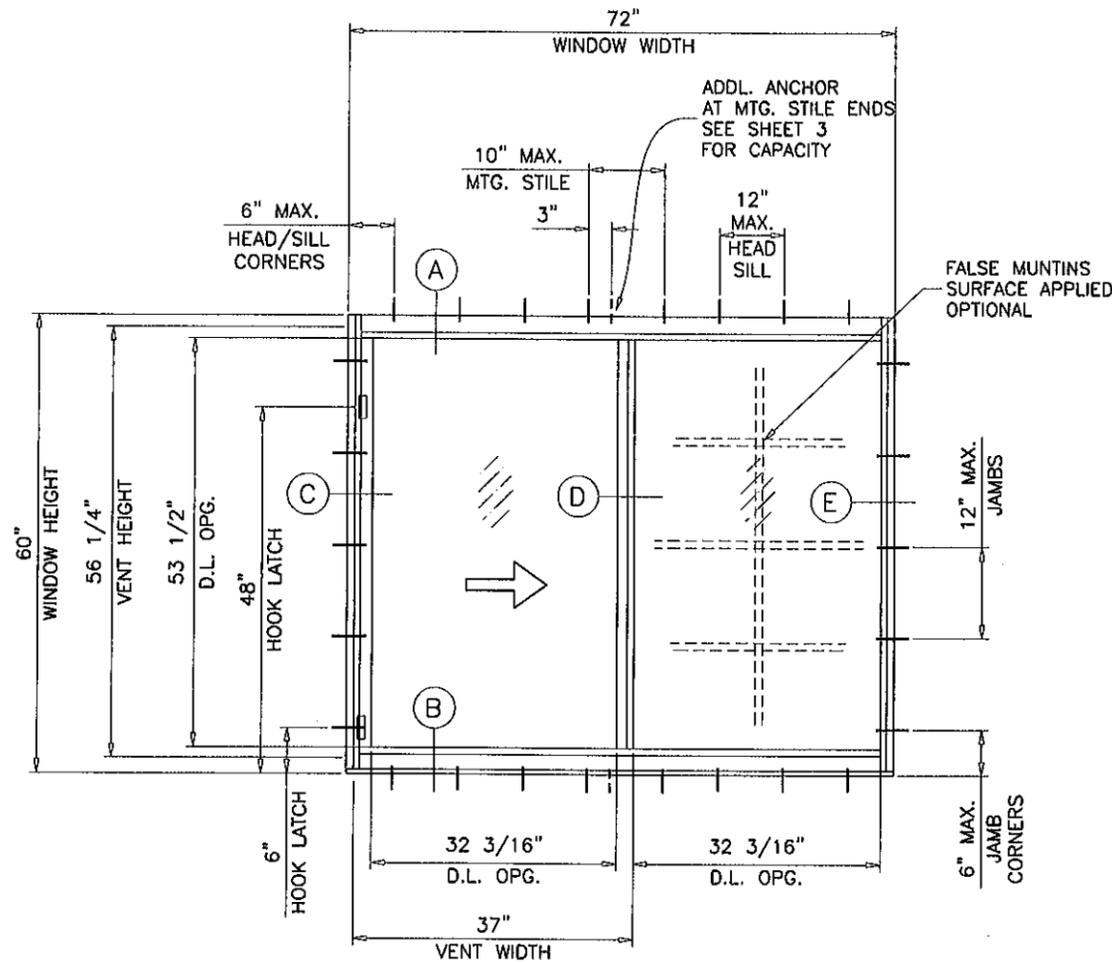
1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 2, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Addendum letter to test report FTL2308 dated 09-01-1999 and 04-18-2000, issued by Fenestration testing laboratory, both signed and sealed by Jose D. Mitrani, P.E. (*Submitted under previous NOA# 08-0506.08*)

G. OTHER

1. Notice of Acceptance No. **08-0506.08**, issued to Universal Impact Windows & Doors, Inc. for their Series Rebecca Aluminum Horizontal Sliding Window-Impact, approved on 06/19/08 and expiring on 05/12/13.



Jaime D. Gascon, P.E.
Product Control Section Supervisor
NOA No. 12-0604.15
Expiration Date: May 12, 2013
Approval Date: September 6, 2012



TYPICAL ELEVATIONS

**SERIES REBECCA COASTAL
ALUMINUM HORIZONTAL SLIDING WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING 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 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

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

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

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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

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

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



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0605.15
Expiration Date 5/12/2013

By: 
Miami Dade Product Control

MAY 31 2012

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\W99-63UW

S-REBECCA COASTAL HORIZ. SLIDING WDW. (L.M.I.)
UNIVERSAL IMPACT WINDOWS & DOORS
1675 W. 31ST PLACE
HALEAH, FL. 33012
TEL. (305) 825-7900 FAX (305) 825-5805

no	date	description	by
C	05.06.03	REV. PER BCCO COMMENTS	
D	08.30.07	GENERAL REVISION	
E	02.27.12	UPDATED TO 2010 FBC	

date: 09-01-99
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

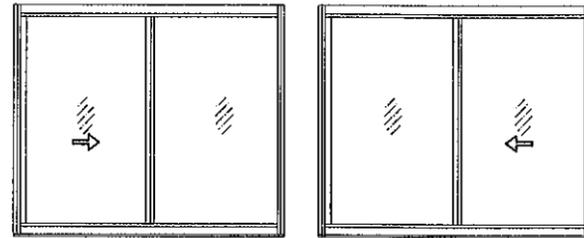
drawing no.
W99-63

sheet 1 of 7

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

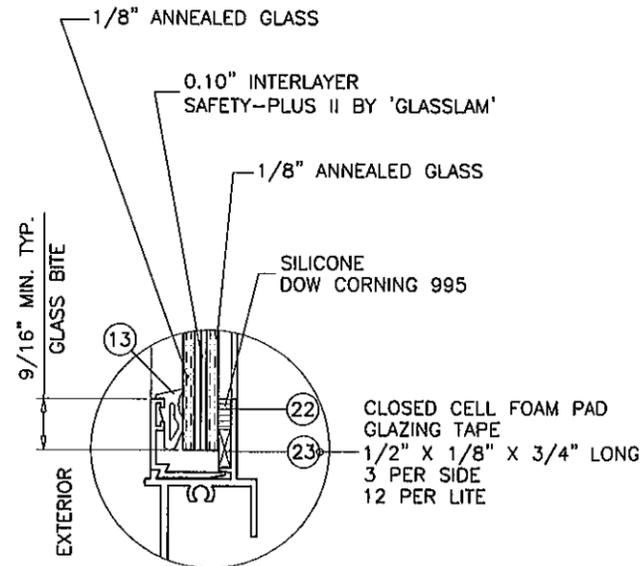
WINDOW DIMS.		A	GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	3	100.0	150.0	100.0	150.0
37"		4	100.0	150.0	100.0	150.0
53-1/8"		6	100.0	150.0	100.0	150.0
74"		8	100.0	150.0	100.0	150.0
26-1/2"	38-3/8"	3	100.0	150.0	100.0	150.0
37"		4	100.0	150.0	100.0	150.0
53-1/8"		6	100.0	150.0	100.0	150.0
74"		8	100.0	127.3	100.0	150.0
26-1/2"	50-5/8"	3	100.0	150.0	100.0	150.0
37"		4	100.0	150.0	100.0	150.0
53-1/8"		6	100.0	114.1	100.0	125.1
74"		8	85.6	85.6	100.0	106.9
53-1/8"	50-5/8"	* 7	-	-	100.0	150.0
74"		* 9	-	-	100.0	136.3
26-1/2"	63"	3	100.0	150.0	100.0	150.0
37"		4	100.0	119.5	100.0	119.5
53-1/8"		6	87.8	87.8	90.7	90.7
26-1/2"	63"	* 5	100.0	150.0	100.0	150.0
37"		* 4	-	-	100.0	122.7
24"	24"	2	100.0	150.0	100.0	150.0
36"		4	100.0	150.0	100.0	150.0
48"		6	100.0	150.0	100.0	150.0
60"		6	100.0	150.0	100.0	150.0
72"	8	100.0	150.0	100.0	150.0	
24"	36"	2	100.0	150.0	100.0	150.0
36"		4	100.0	150.0	100.0	150.0
48"		6	100.0	150.0	100.0	150.0
60"		6	100.0	150.0	100.0	150.0
72"	8	100.0	140.1	100.0	150.0	
24"	48"	2	100.0	150.0	100.0	150.0
36"		4	100.0	150.0	100.0	150.0
48"		6	100.0	135.2	100.0	144.4
60"		6	100.0	111.9	100.0	127.8
72"	8	97.9	97.9	100.0	119.1	
24"	48"	* 3	-	-	100.0	150.0
36"		* 5	-	-	100.0	150.0
48"		* 7	-	-	100.0	150.0
60"		* 7	-	-	100.0	150.0
72"	* 9	-	-	100.0	150.0	
24"	60"	2	100.0	136.7	100.0	136.7
36"		4	100.0	130.1	100.0	130.1
48"		6	100.0	104.3	100.0	104.3
60"		6	81.5	81.5	89.7	89.7
72"	8	71.3	71.3	80.8	80.8	
24"	60"	* 3	100.0	150.0	100.0	150.0
36"		* 5	100.0	150.0	100.0	150.0
48"		* 7	100.0	105.3	100.0	140.6
60"		* 7	-	-	100.0	120.0
72"	* 9	-	-	100.0	107.1	

A = NO. OF ANCHORS PER HEAD & SILL
 * = ADDL. ANCHOR AT MTG. STILE ENDS

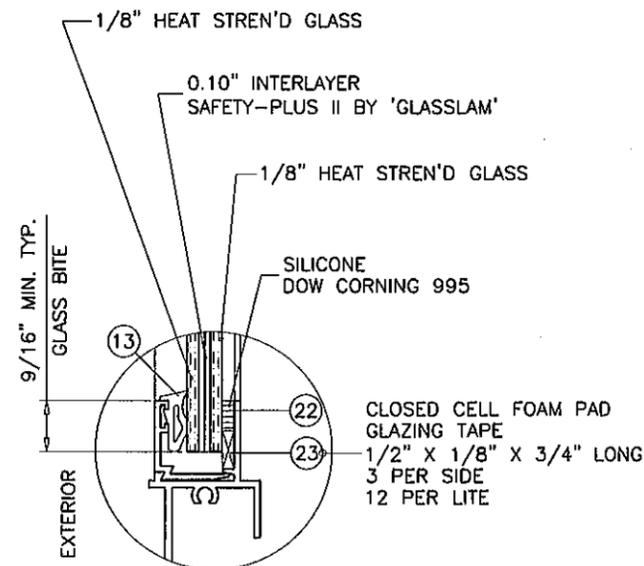


XO OX

APPROVED CONFIGURATIONS
 GLASS WIDTHS TO BE EQUAL ON MOVING AND FIXED LITES

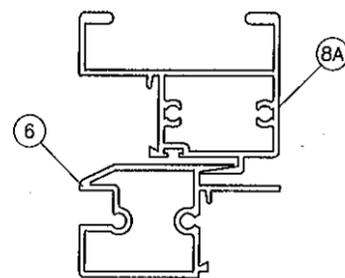


GLASS TYPE 'A'



GLASS TYPE 'B'

ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 60.0 PSF SEE DETAIL ON SHEET 4.



HEAVY DUTY MTG. STILES

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

afC
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W99-63JW

S-REBECCA COASTAL HORIZ. SLIDING WDW. (L.M.I.)
UNIVERSAL IMPACT WINDOWS & DOORS
 1675 W. 31ST PLACE
 HIALEAH, FL. 33012
 TEL. (305) 825-7900 FAX (305) 825-5805

no	date	description
C	05.06.03	NO CHANGE THIS SHEET
D	08.30.07	GENERAL REVISION
E	02.27.12	UPDATED TO 2010 FBC

date:	09-01-99
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.
W99-63
 sheet 2 of 7

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

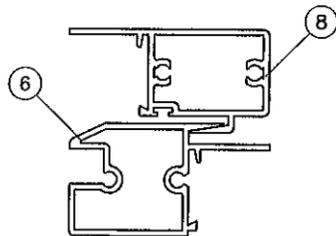
 MAY 31 2012

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 12-0604.15
 Expiration Date 5/12/2013
 By
 Miami Dade Product Control

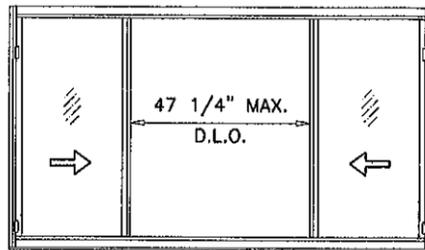
DESIGN LOAD CAPACITY - PSF (XOX SIZES)

WINDOW DIMS.		A	GLASS TYPES 'C', 'D', 'E' & 'F'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
74"	26"	8	90.0	110.0
106-1/4"		10	90.0	110.0
111"		10	90.0	110.0
74"	38-3/8"	8	90.0	110.0
106-1/4"		10	90.0	110.0
111"		10	90.0	110.0
74"	50-5/8"	8	90.0	110.0
106-1/4"		10	90.0	110.0
111"		10	90.0	110.0
74"	63"	8	90.0	91.1
106-1/4"		10	75.3	75.3
111"		10	74.1	74.1
74"	63"	* 10	90.0	110.0
106-1/4"		* 12	90.0	110.0
111"		* 12	90.0	110.0
72"	24"	7	90.0	110.0
84"		8	90.0	110.0
96"		10	90.0	110.0
108"		10	90.0	110.0
108"		10	90.0	110.0
72"	36"	7	90.0	110.0
84"		8	90.0	110.0
96"		10	90.0	110.0
108"		10	90.0	110.0
108"		10	90.0	110.0
72"	48"	7	90.0	110.0
84"		8	90.0	110.0
96"		10	90.0	110.0
108"		10	90.0	110.0
108"		10	90.0	110.0
72"	60"	7	90.0	99.6
84"		8	90.0	91.1
96"		10	85.3	85.3
108"		10	81.6	81.6
108"		10	81.6	81.6
72"	60"	* 9	90.0	110.0
84"		* 10	90.0	110.0
96"		* 12	90.0	110.0
108"		* 12	90.0	110.0
108"		* 12	90.0	110.0

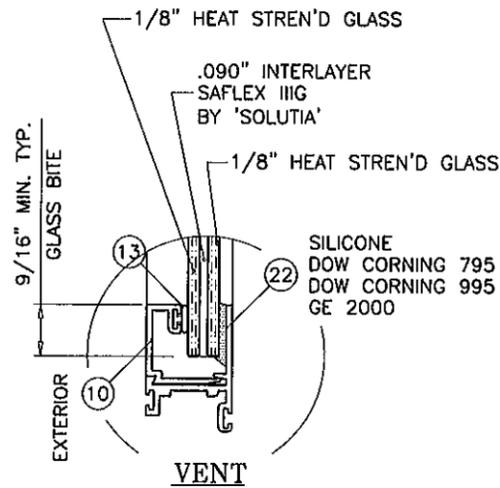
A = NO. OF ANCHORS PER HEAD & SILL
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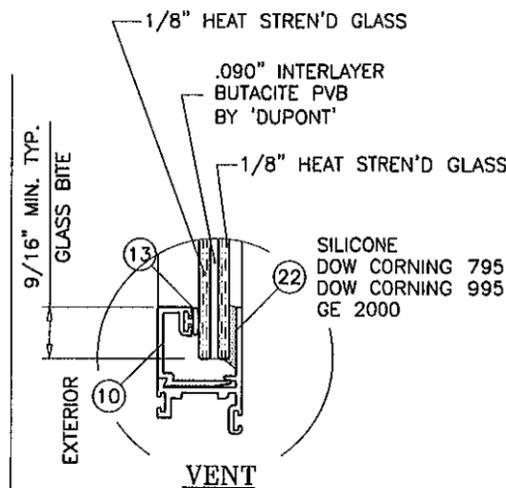
STD. MTG. STILES



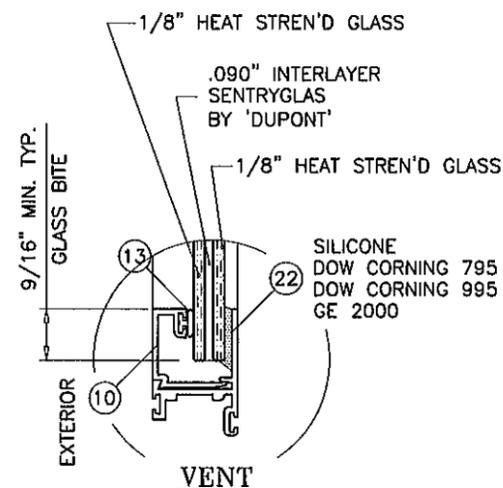
OPERATING VENTS TO BE 1/4 TO 1/3 OF THE WINDOW WIDTH WITH MAX. D.L.O. WIDTH AT FIXED LITE AS SHOWN ABOVE.



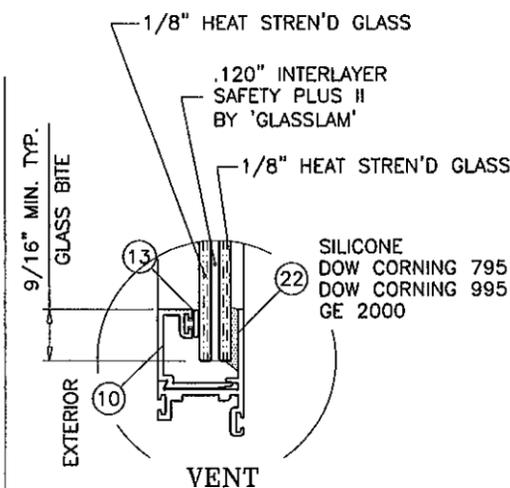
GLASS TYPE 'C'



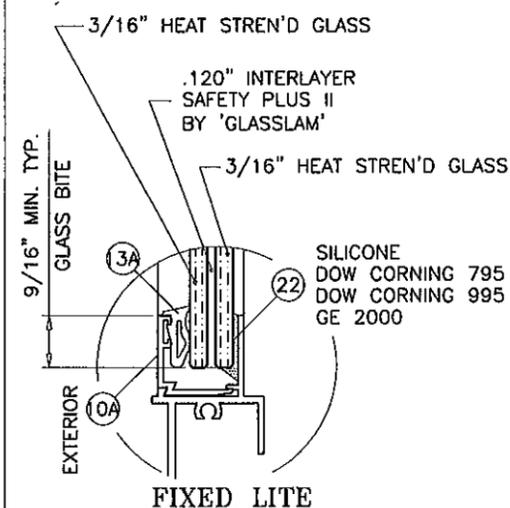
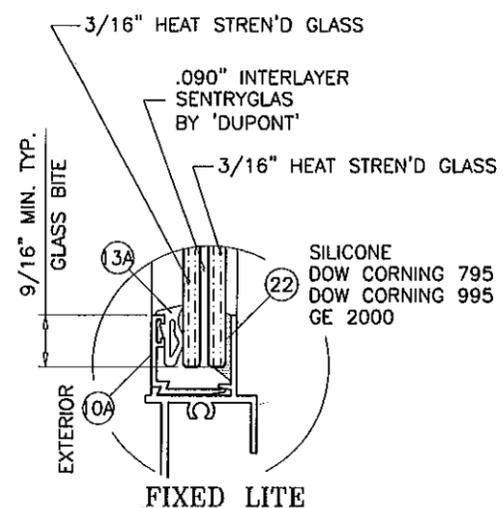
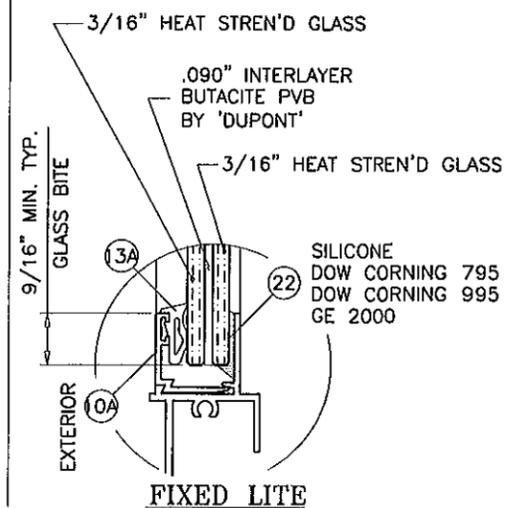
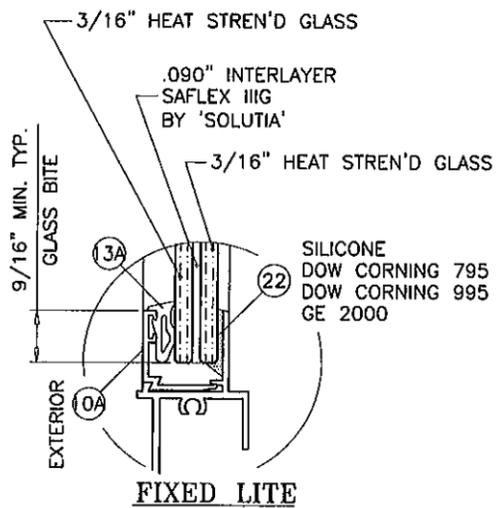
GLASS TYPE 'D'



GLASS TYPE 'E'



GLASS TYPE 'F'



NOTE:
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 BASED ON ASTM E1300-04 (3 SEC. GUSTS)
 AND FLORIDA BUILDING COMMISSION
 DECLARATORY STATEMENT DCA05-DEC-219

ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 60.0 PSF SEE DETAIL ON SHEET 4.

Engr: JAVAD AHMAD
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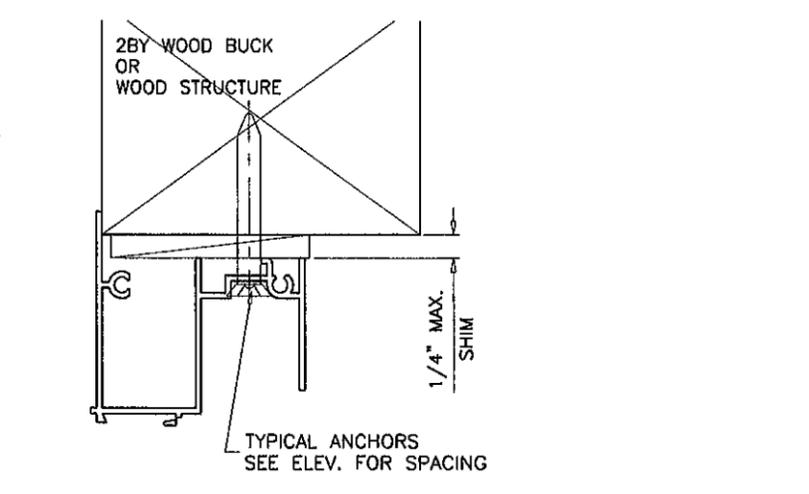
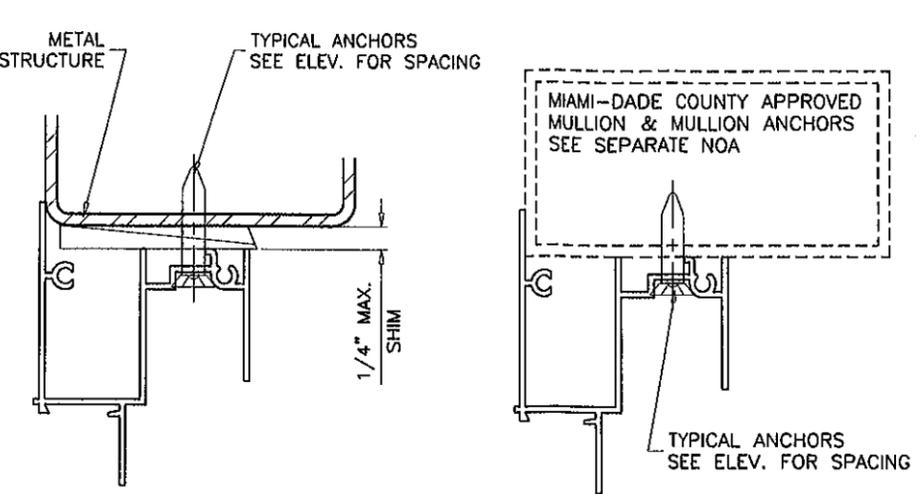
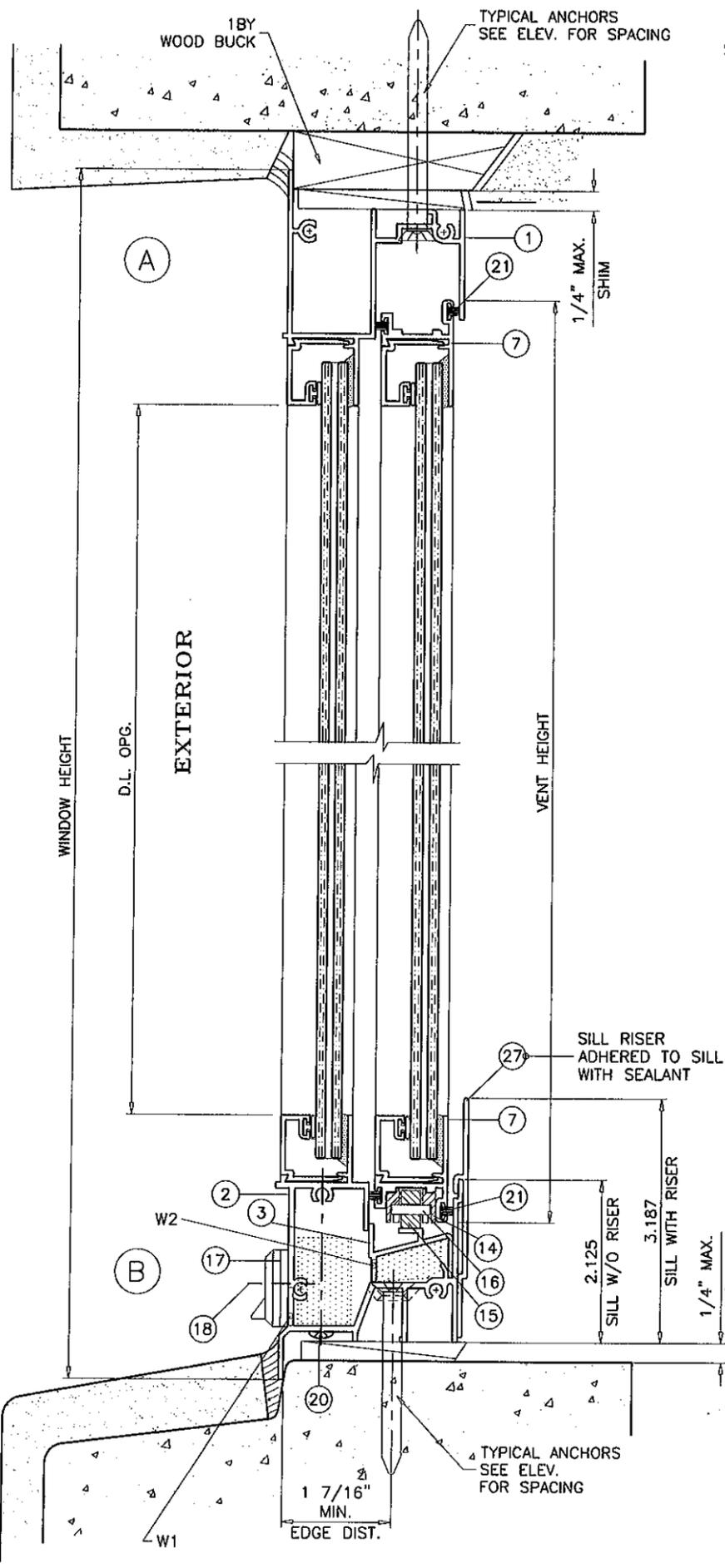
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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 COMP-ANL W99-63UW

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no	date	description
C	05.06.03	NO CHANGE THIS SHEET
D	08.30.07	GENERAL REVISION
E	02.27.12	UPDATED TO 2010 FBC

date: 09-01-99
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no. **W99-63**
 sheet 3 of 7



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

SEALANTS:

FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL
SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

WEEPHOLES:

- W1 = (1 7/8" X 1/2" WEEPHOLES) AT 4" FROM EACH END
WITH PLASTIC FLAP VALVE AND FOAM PADS
- W2 = (1 7/8" X 5/16" WEEPHOLES) AT 4" FROM EACH END
WITH FOAM PADS
- W3 = (1 7/8" NOTCH) AT ONE END ONLY
AT GLAZING LEG IN FRONT OF MOV. VENT

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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

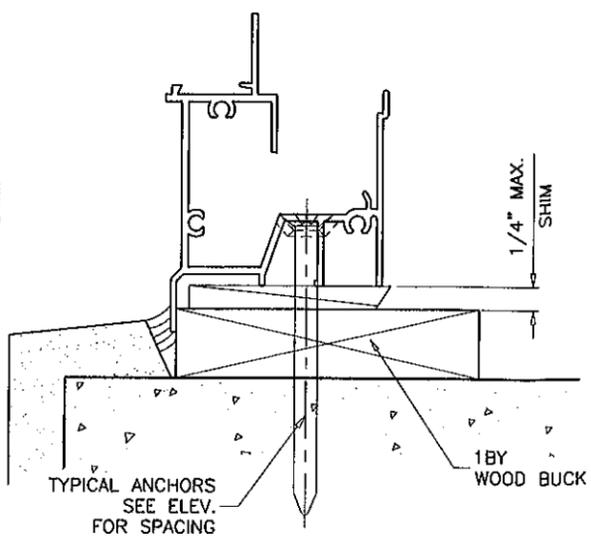
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#10 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-1/2" MIN. (EXCEPT AS NOTED)
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



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

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af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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COMP-ANL W99-63JW

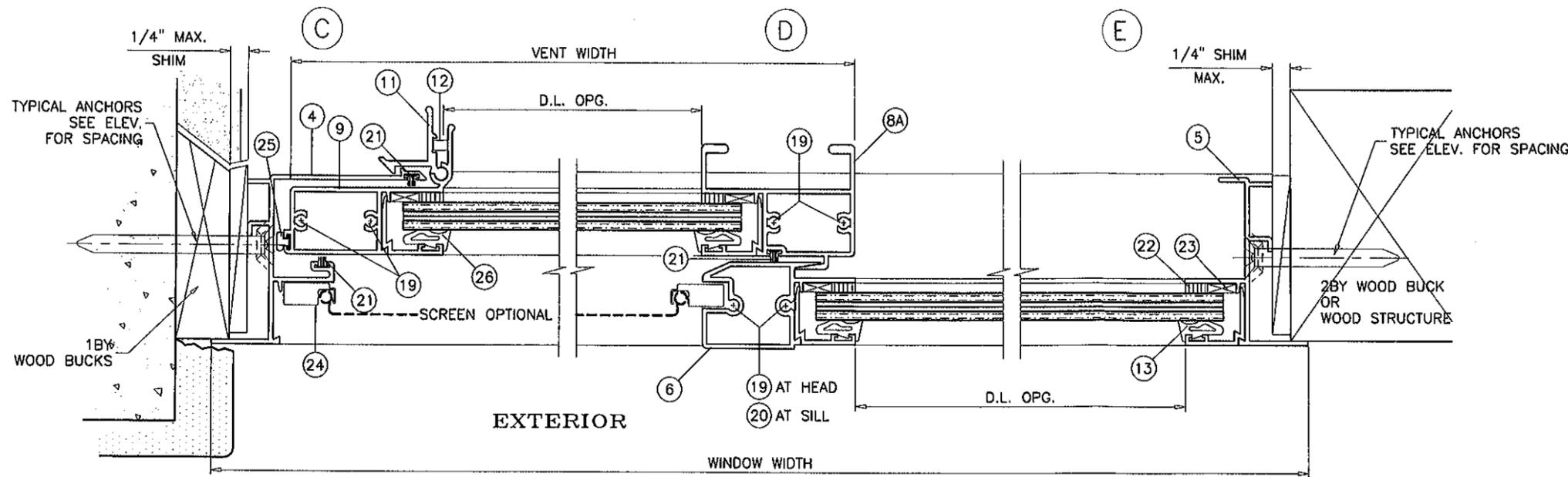
S-REBECCA COASTAL HORIZ. SLIDING WDW. (L.M.I.)
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	D	08.30.07	GENERAL REVISION
	E	02.27.12	UPDATED TO 2010 FBC

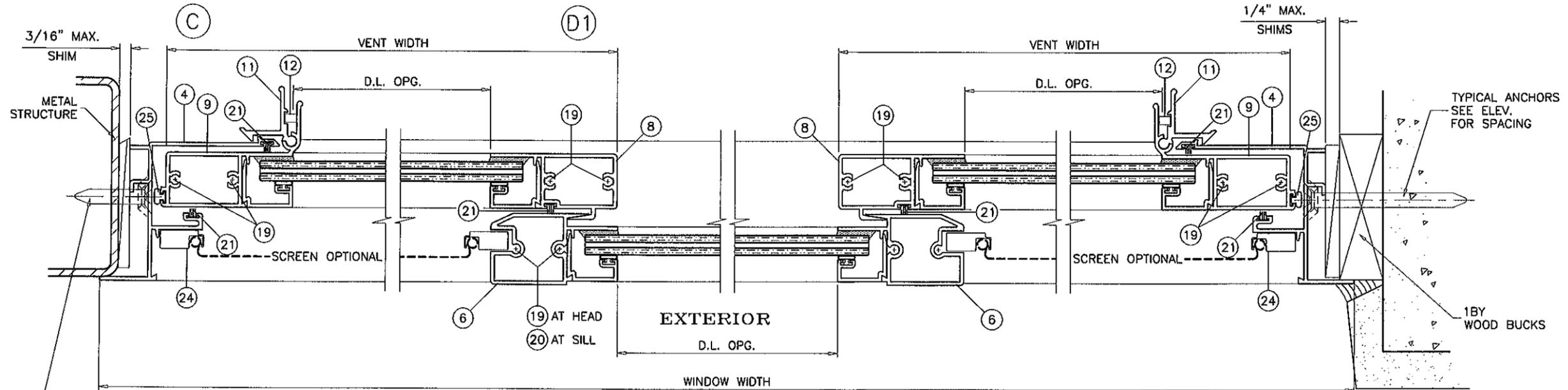
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chk. by:

drawing no.
W99-63

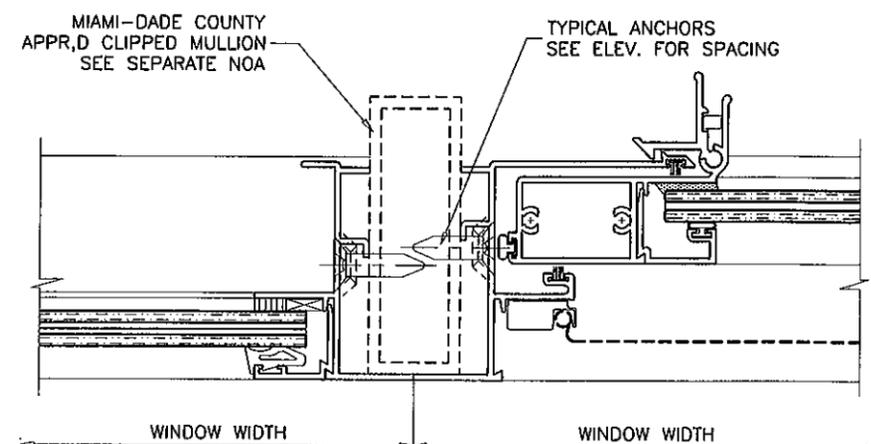
sheet 4 of 7



XO LAYOUT
OX OPPOSITE



XOX LAYOUT



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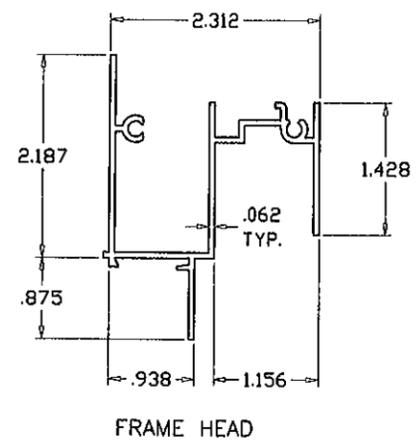
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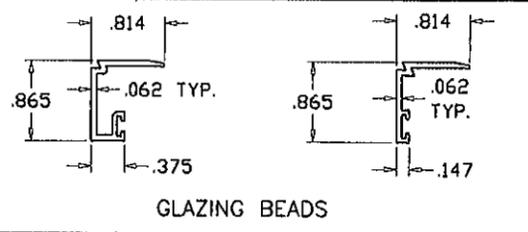
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chk. by:	

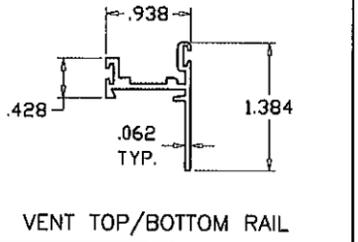
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sheet	5 of 7



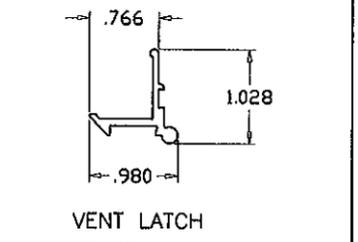
FRAME HEAD



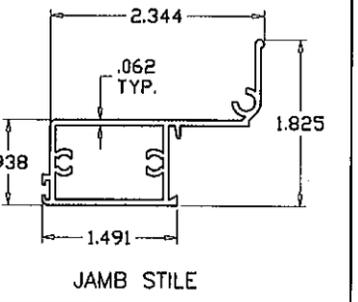
GLAZING BEADS



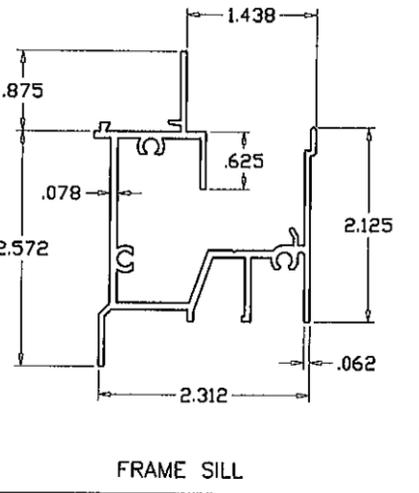
VENT TOP/BOTTOM RAIL



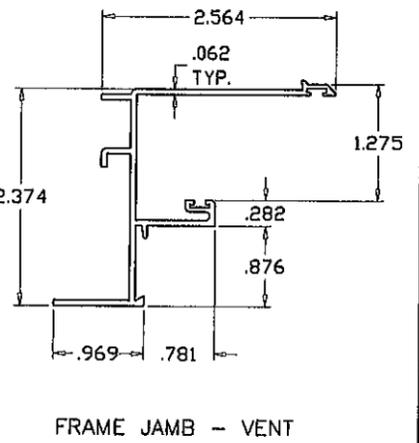
VENT LATCH



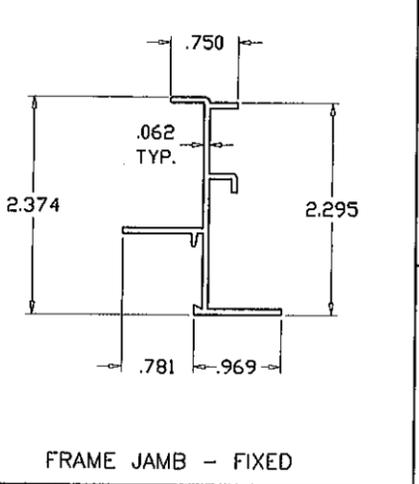
JAMB STILE



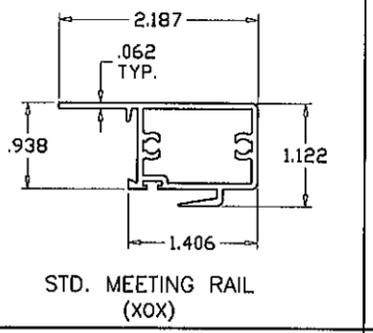
FRAME SILL



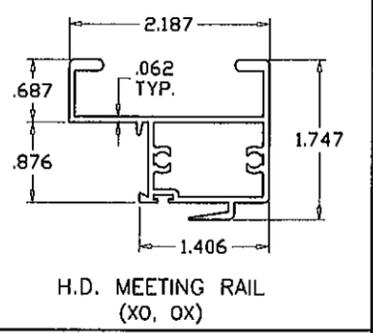
FRAME JAMB - VENT



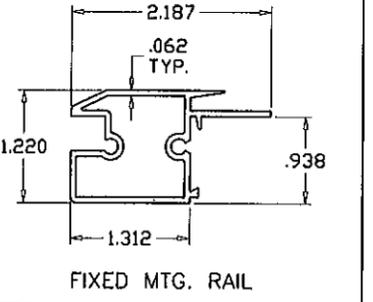
FRAME JAMB - FIXED



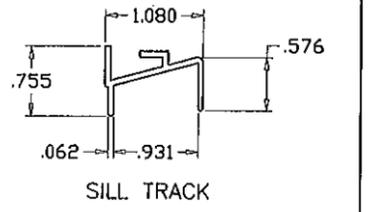
STD. MEETING RAIL (XOX)



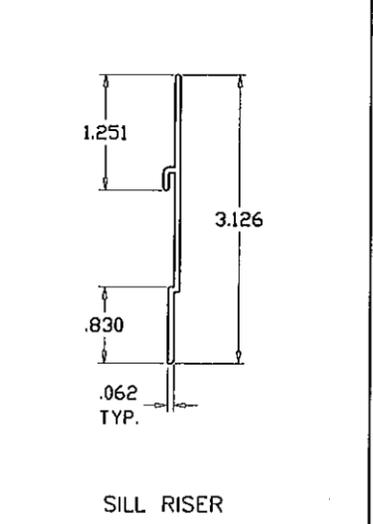
H.D. MEETING RAIL (XO, OX)



FIXED MTG. RAIL



SILL TRACK



SILL RISER

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	U-5003	1	FRAME HEAD	6063-T6	-
2	U-6001	1	FRAME SILL	6063-T6	-
3	U-2003	1	SILL TRACK	6063-T5	-
4	U-6003	1	FRAME JAMB - VENT	6063-T5	-
5	U-5001	1	FRAME JAMB - FIXED	6063-T6	-
6	U-5004	1/VENT	FIXED MTG. RAIL	6063-T6	-
7	U-5007	2/VENT	VENT TOP & BOTT. RAIL	6063-T5	-
8	U-5005	1/VENT	STD. MEETING RAIL	6063-T6	-
8A	U-5009	1/VENT	HEAVY DUTY MEETING RAIL	6063-T6	-
9	U-5006	1/VENT	VENT JAMB STILE	6063-T5	-
10	UA-47512	AS RQD.	GLAZING BEAD (3/8" GLASS)	6063-T6	-
10A	UA-5008	AS RQD.	GLAZING BEAD (7/16" GLASS)	6063-T6	-
11	AX-3450	2/ VENT	EXTRUDED HOOK LATCH, 3" LONG	6063-T5	AT 6" & 48" FROM BOTTOM
12	U-5010	1/LATCH	LEAF SPRING	ST. STEEL	-
13	-	AS REQD.	GLAZING BULB GASKET	VINYL	-
13A	UA-5012	AS REQD.	GLAZING WEDGE GASKET	SOFT PVC	-
14	U-5504	2/PANEL	ROLLER HOUSING & GUIDE	NYLON	AT EACH END OF VENT
15	U-5505	2/PANEL	ROLLER	METALLIC	-
16	U-5506	2/PANEL	ROLLER SHAFT	ST. STEEL	-
17	-	2/WINDOW	BAFFLE	NYLON	-
18	-	2/BAFFLE	BAFFLE SCREWS	-	#6 x 1/2 SDS
19	-	AS RQD.	ASSY SCREWS	-	#10 x 1" PH SMS
20	-	2/VENT	FIXED RAIL SCREW-SILL	-	#10 x 2-3/4 PH SMS
21	7919-187	AS RQD.	FIN SEAL WEATHERSTIP	-	SCHLEGEL OR EQUIV.
22	-	AS RQD.	SILICONE BEAD	-	-
23	-	-	-	-	-
24	-	1/VENT	SCREEN	-	OPTIONAL
25	-	AS RQD.	JAMB STILE BULB WEATHERSTRIP	SOFT VINYL	-
26	-	1/ WEEP	OPEN CELL FOAM PAD	-	1-1/8" X 1-1/8" X 3" LONG
27	U-2001	1	SILL RISER	6063-T5	-

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E	02.27.12		NO CHANGE THIS SHEET

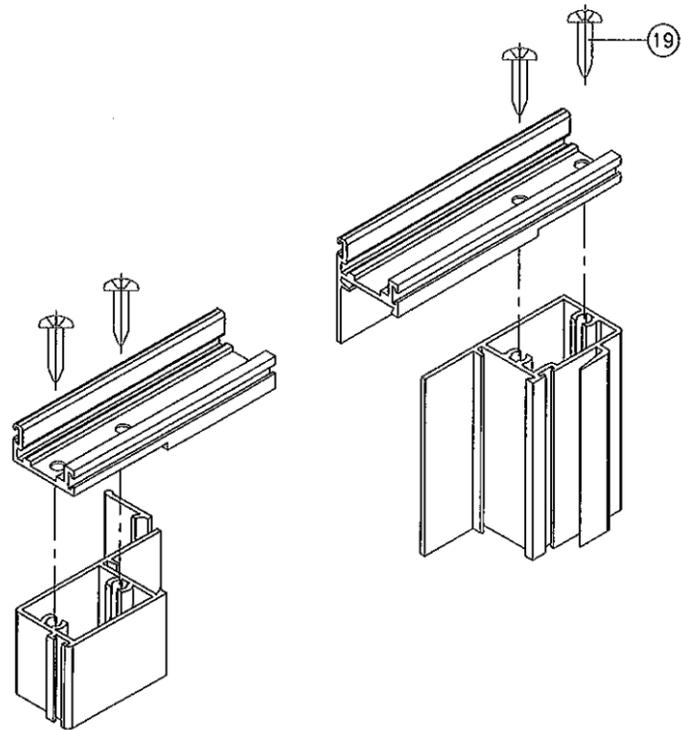
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Engr: JAVAD AHMAD
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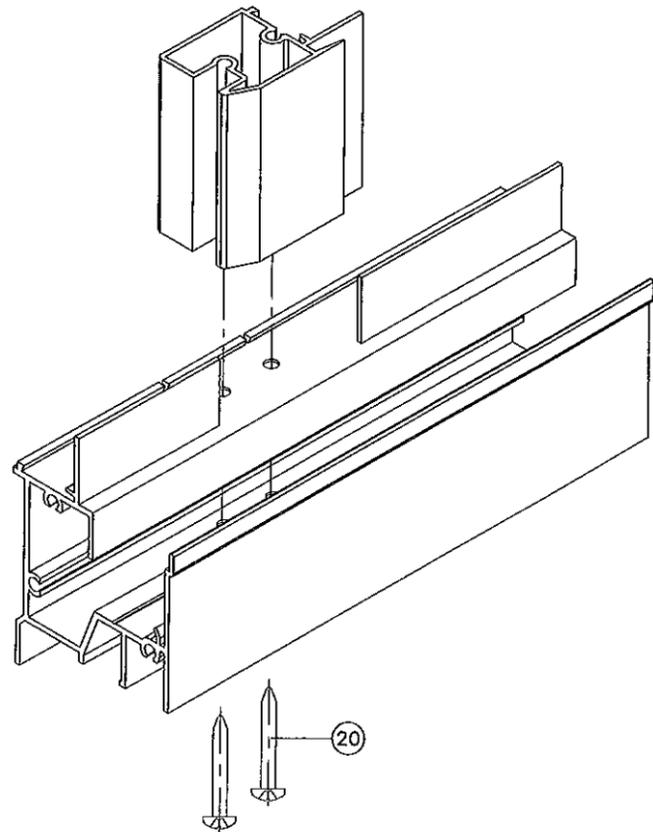
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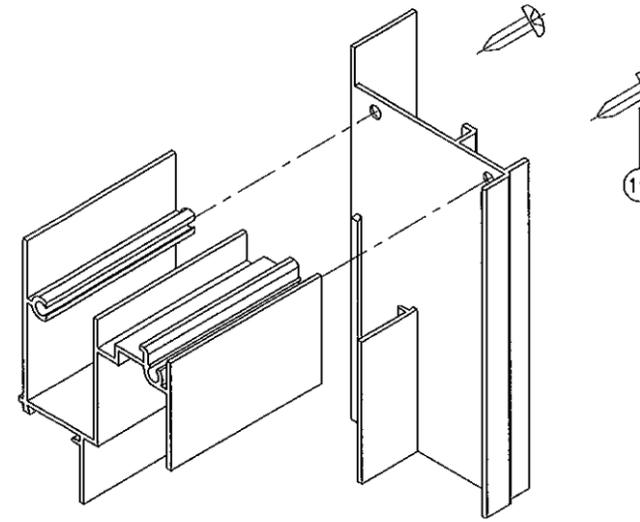
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W99-63
 sheet 6 of 7



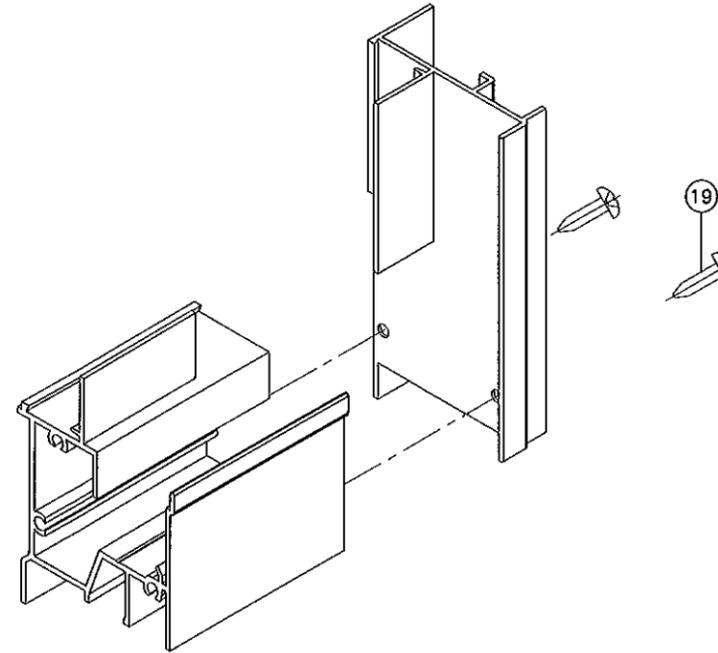
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL COPING



FRAME TOP CORNER



FRAME BOTTOM CORNER

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 sheet 7 of 7