



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/

ES Windows LLC
10653 NE Quaybridge Ct.
Miami, FL 33138

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 "V2000" White PVC Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W10-27**, titled "Series V2000 PVC Horiz. Sliding Wdw. (LMI)", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 04/27/10 with revision B dated 12/22/11, 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.

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 # 10-0623.04 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
3/29/12

NOA No. 12-0130.37
Expiration Date: December 23, 2015
Approval Date: April 05, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W10-27**, titled "Series V2000 PVC Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 8 of 8, dated 04/27/10, with revision B dated 12/22/11, 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 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of model V2000 PVC horizontal sliding windows, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-12834-1**, dated 05/09/07, with revision dated 01/25/10, signed and sealed by Harold E. Rupp, P.E. (*Submitted under previous NOA#10-0623.04*)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 06/01/10 and revised on 11/08/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (*Submitted under previous NOA#10-0623.04*)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

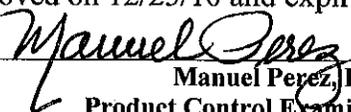
1. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **08-0620.09** issued to Thermoplast for "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 08/07/08, expiring on 07/05/12.

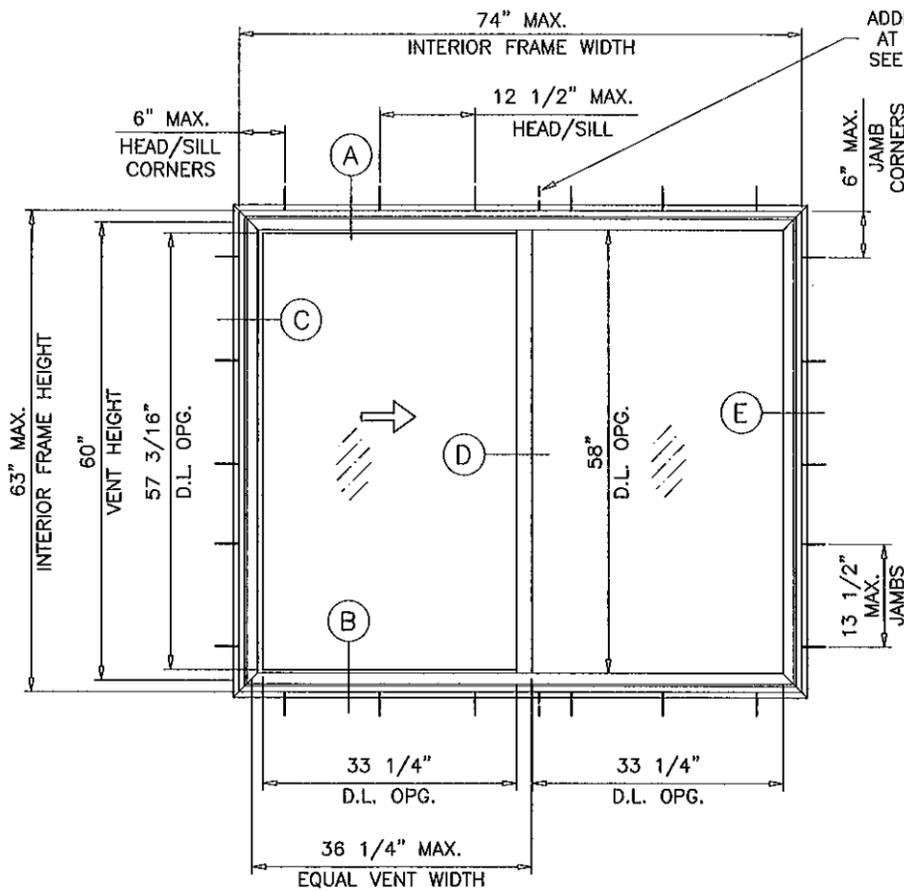
F. STATEMENTS

1. Statement letter of code conformance, complying with FBC 2010, and of no financial interest, issued by Al-Farooq Corporation, dated 12/21/11, signed and sealed by Javad Ahmad, P.E.

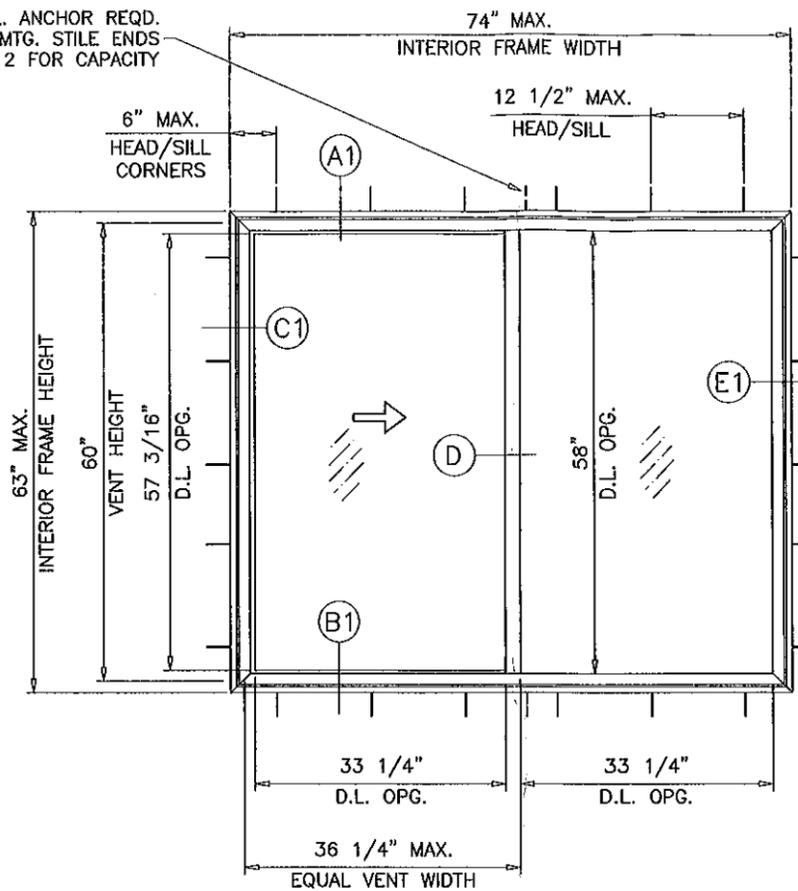
G. OTHER

1. Notice of Acceptance No. **10-0623.04**, issued to ES Windows LLC for their Series "V2000" White PVC Horizontal Sliding Window, approved on 12/23/10 and expiring on 12/23/15.

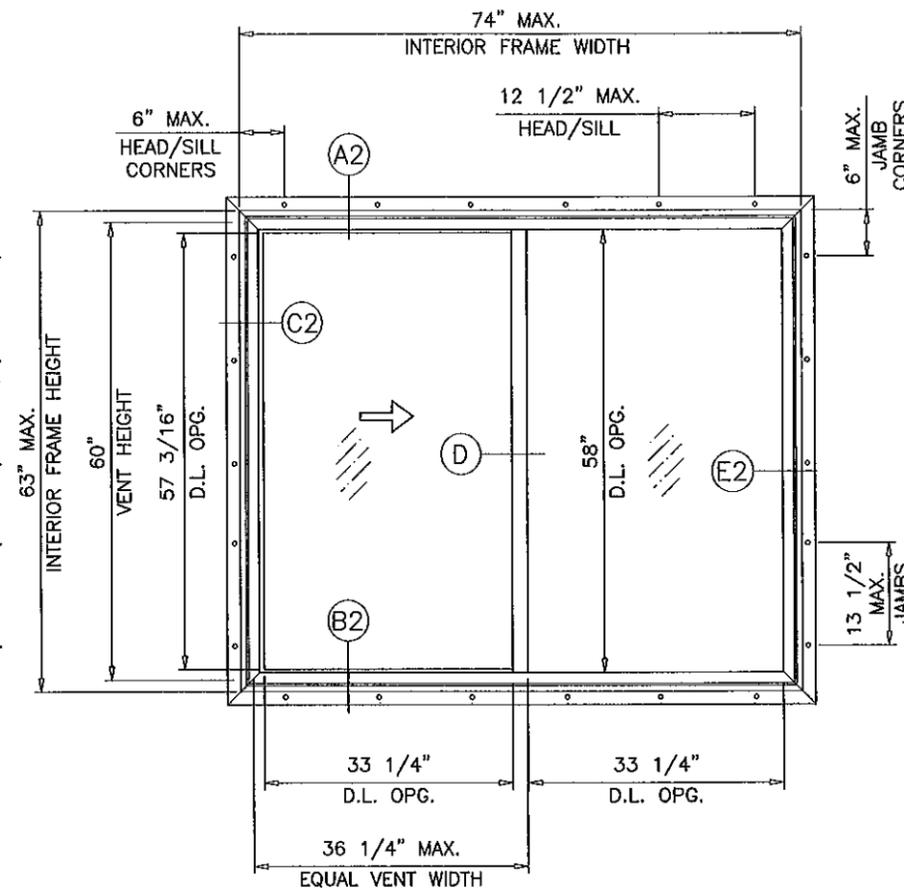

Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0130.37
Expiration Date: December 23, 2015
Approval Date: April 05, 2012



FLANGE FRAMES



FLUSH FRAMES



FIN FRAMES
(WOOD SUBSTRATE INSTALLATION ONLY)

TYPICAL ELEVATIONS

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

SERIES V2000 PVC HORIZONTAL SLIDING 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 H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED CLIPPED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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

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

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

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

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

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.

D.L. OPENING
 D.L.O WIDTH = VENT WIDTH - 3.000"
 D.L.O. HEIGHT = VENT HEIGHT - 2.813"
VENT
 VENT WIDTH = INTERIOR FRAME WIDTH/2 - .750"
 VENT HEIGHT = INTERIOR FRAME HEIGHT - 3.000"

WINDOWS MUST MEET EGRESS REQUIREMENTS PER FBC AND TO BE REVIEWED BY BLDG OFFICIAL (IF SO REQUIRED).

LAMINATED INSULATING GLASS
LARGE & SMALL MISSILE IMPACT

Engr: JAVAD, AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 DEC 7 2011

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 12-0130.37
 Expiration Date DEC 23, 2015
 By: *Muhammad Rizq*
 Miami Dade Product Control

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\W10-27ES

SERIES V2000 PVC HORIZ. SLIDING WDW. (L.M.I.)
E.S. WINDOWS, LLC
 5220 N.W. 72 AVE. BAY #4
 MIAMI, FL. 33166
 TEL. (305) 624-7775 FAX. (305) 624-7777

no	date	description	by
A	09.24.10	REV. PER BCCO COMMENTS	
B	12.22.11	UPDATED TO 2010 FBC	

date: 04-27-10
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W10-27
 sheet 1 of 8

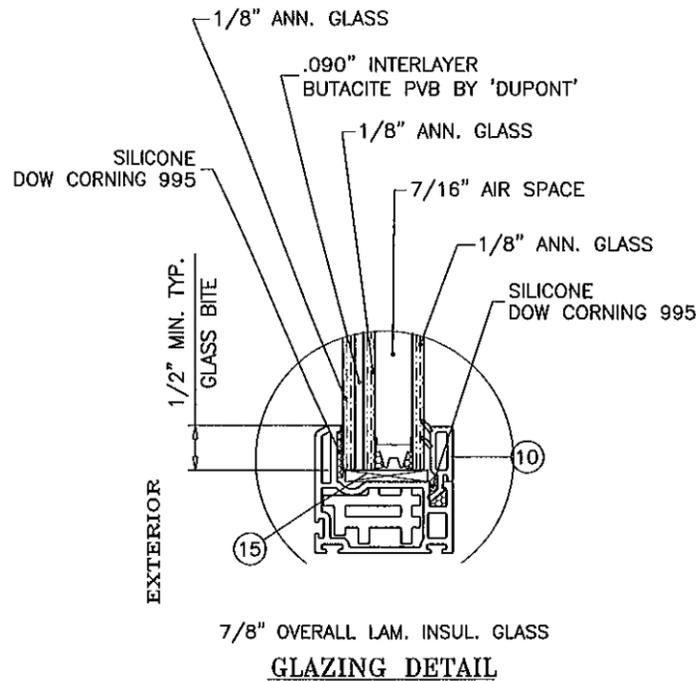
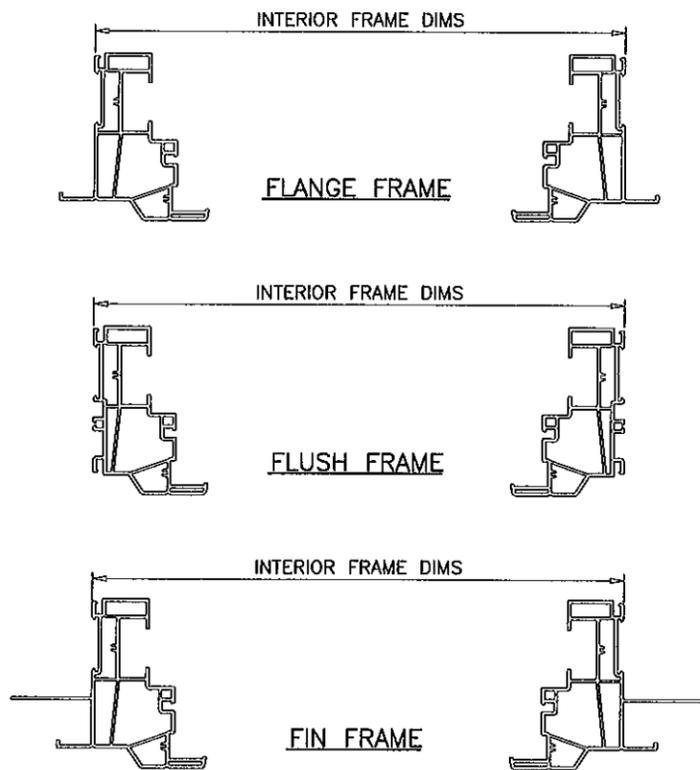
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)				
INTERIOR FRAME DIMENSIONS		A	7/8" OVERALL LAM. INSUL. GLASS	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26"	4	50.0	50.0
37"		4	50.0	50.0
53-1/8"		6	50.0	50.0
74"		6	50.0	50.0
26-1/2"	38-3/8"	4	50.0	50.0
37"		4	50.0	50.0
53-1/8"		6	50.0	50.0
74"		6	50.0	50.0
26-1/2"	50-5/8"	4	50.0	50.0
37"		4	50.0	50.0
53-1/8"		6	50.0	50.0
74"		6	50.0	50.0
26-1/2"	63"	4	50.0	50.0
37"		4	50.0	50.0
53-1/8"		6	50.0	50.0
74"		6	45.7	45.7
74"	63"	7	50.0	50.0 *

A = NO. OF ANCHORS PER HEAD & SILL

* ADDL. ANCHOR REQD. AT MTG. STILE ENDS

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)				
INTERIOR FRAME DIMENSIONS		A	7/8" OVERALL LAM. INSUL. GLASS	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
24"	24"	4	50.0	50.0
36"		4	50.0	50.0
48"		5	50.0	50.0
60"		6	50.0	50.0
72"		6	50.0	50.0
24"		36"	4	50.0
36"	4		50.0	50.0
48"	5		50.0	50.0
60"	6		50.0	50.0
72"	6		50.0	50.0
24"	48"		4	50.0
36"		4	50.0	50.0
48"		5	50.0	50.0
60"		6	50.0	50.0
72"		6	50.0	50.0
24"		60"	4	50.0
36"	4		50.0	50.0
48"	5		50.0	50.0
60"	6		50.0	50.0
72"	6		50.0	50.0

A = NO. OF ANCHORS PER HEAD & SILL



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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3338
[Signature]
DEC 27 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130-37
Expiration Date DEC. 23, 2015
By *[Signature]*
Miami Dade Product Control

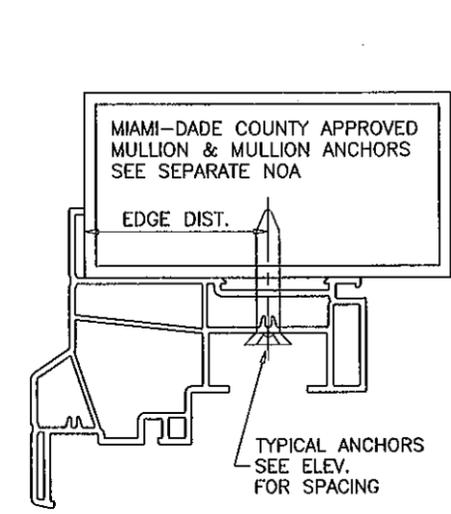
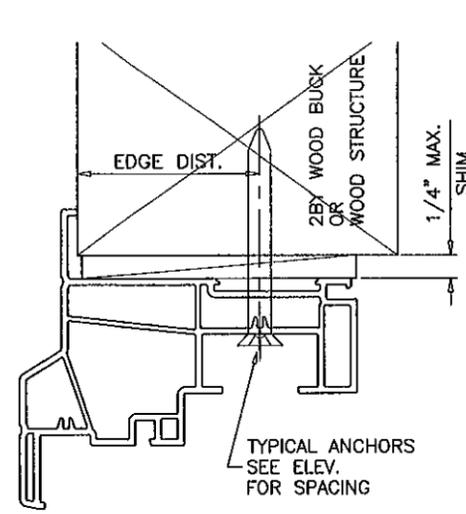
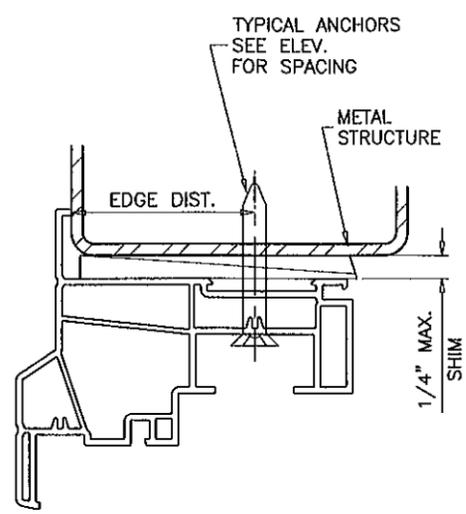
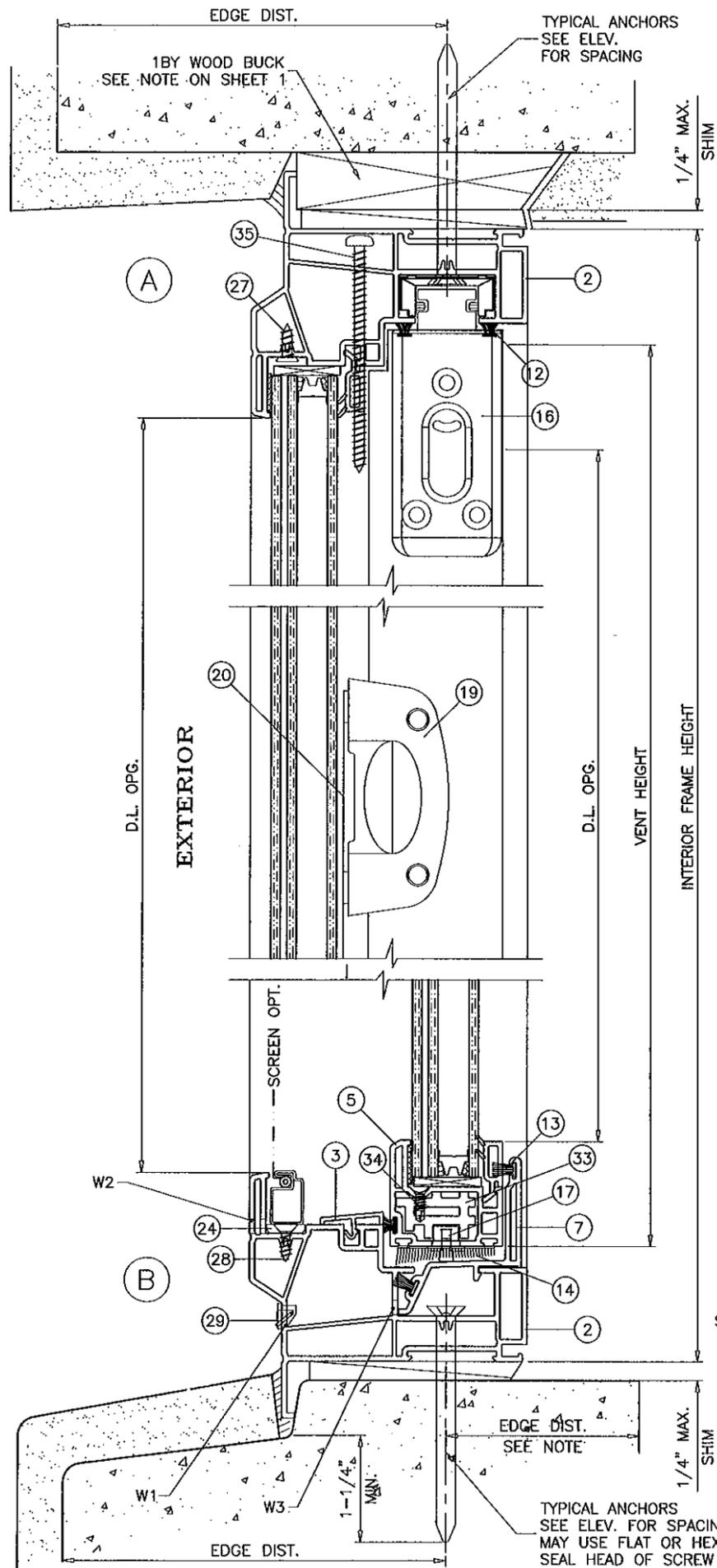
afC
AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W10-27ES

SERIES V2000 PVC HORIZ. SLIDING WDW. (L.M.I.)
E.S. WINDOWS, LLC
5220 N.W. 72 AVE. BAY #4
MIAMI, FL. 33166
TEL. (305) 624-7775 FAX. (305) 624-7777

no	date	description
A	09.24.10	REV. PER BCCO COMMENTS
B	12.22.11	NO CHANGE THIS SHEET

date: 04-27-10
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W10-27
sheet 2 of 8



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

WEEPHOLES:

- W1 = 1/4" X 1" WEEP SLOT AT 3-1/2" FROM EACH END WITH PLASTIC Baffle.
- W2 = 3/16" X 1" WEEP SLOT AT 1" FROM EACH END
- W3 = 3/16" X 3/4" WEEP SLOT AT 1-3/4" FROM EACH END

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

TYPICAL ANCHORS:

FLANGE AND FLUSH FRAMES: 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

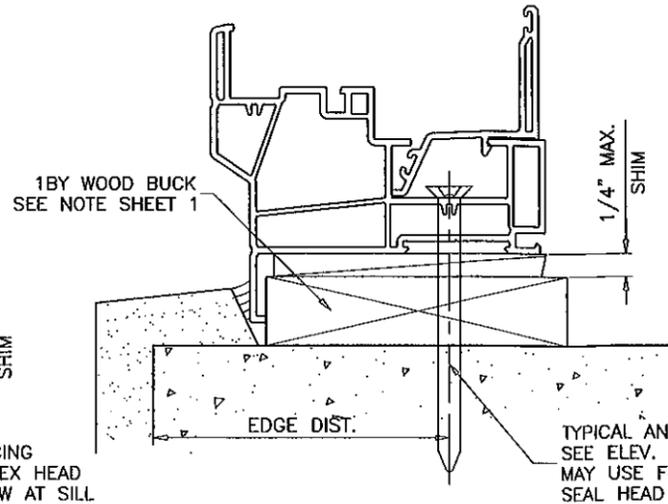
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

- INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
- INTO METAL STRUCTURES
- STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
- ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
- (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

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

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



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 27 2011

FLANGE FRAMES

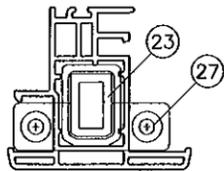
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130.37
Expiration Date DEC. 23, 2015
By *Manuel Ruiz*
Miami Dade Product Control

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 W10-27ES

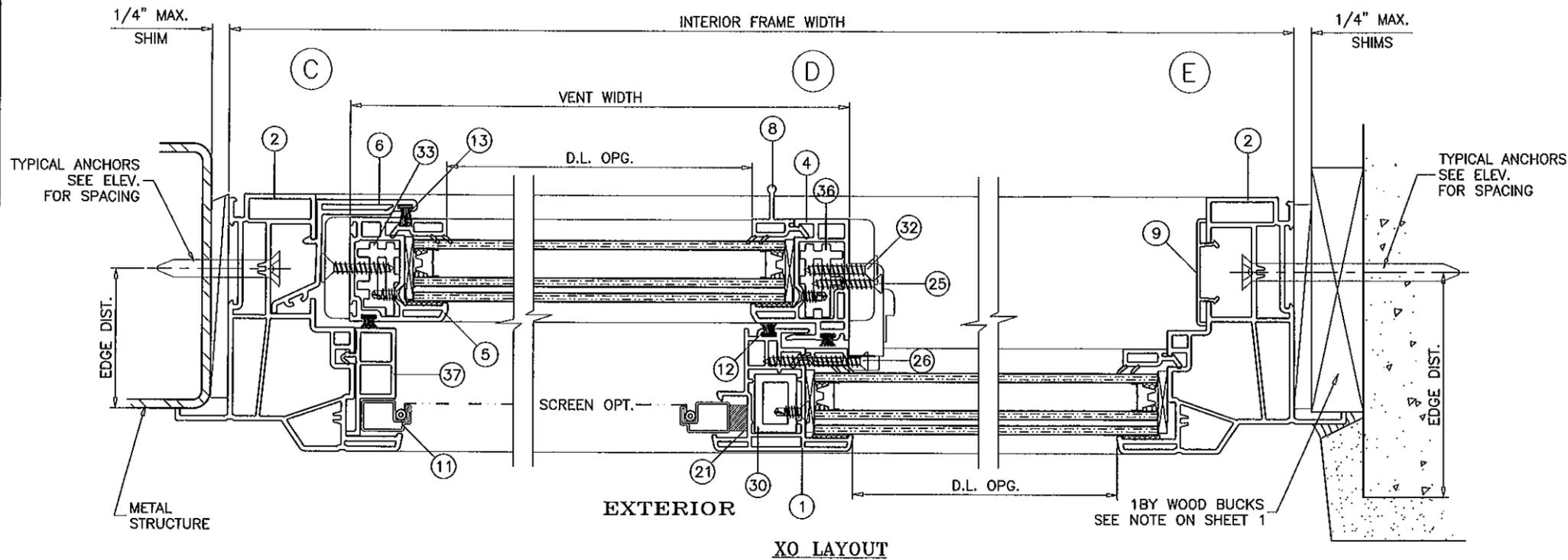
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E.S. WINDOWS, LLC
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no	date	by	description
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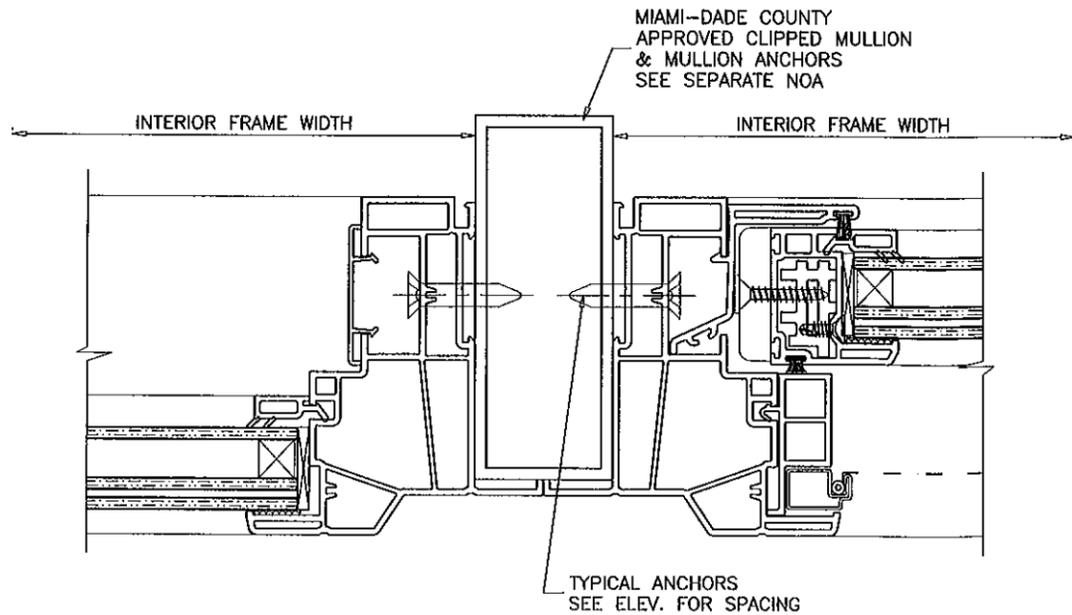
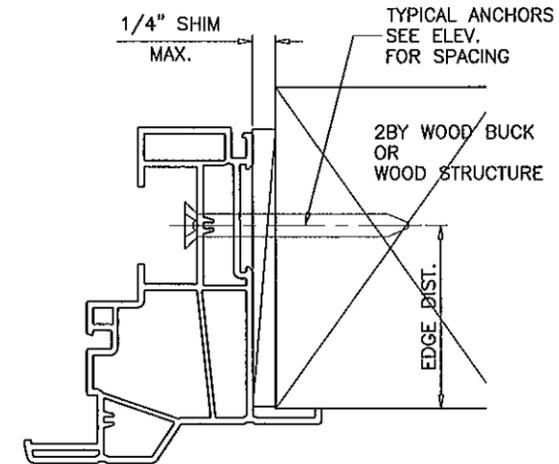
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scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	
drawing no.	W10-27
sheet	3 of 8



FIX. MTG. RAIL INSTALLATION AT HEAD/SILL



XO LAYOUT



Engr: JAVAD AHMAD
CIVIL
FLA. PE. # 70692
C.A.N. 3538

J.A.
DEC 27 2015

FLANGE FRAMES

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By *Mamun Bin*
Miami Dade Product Control

af c

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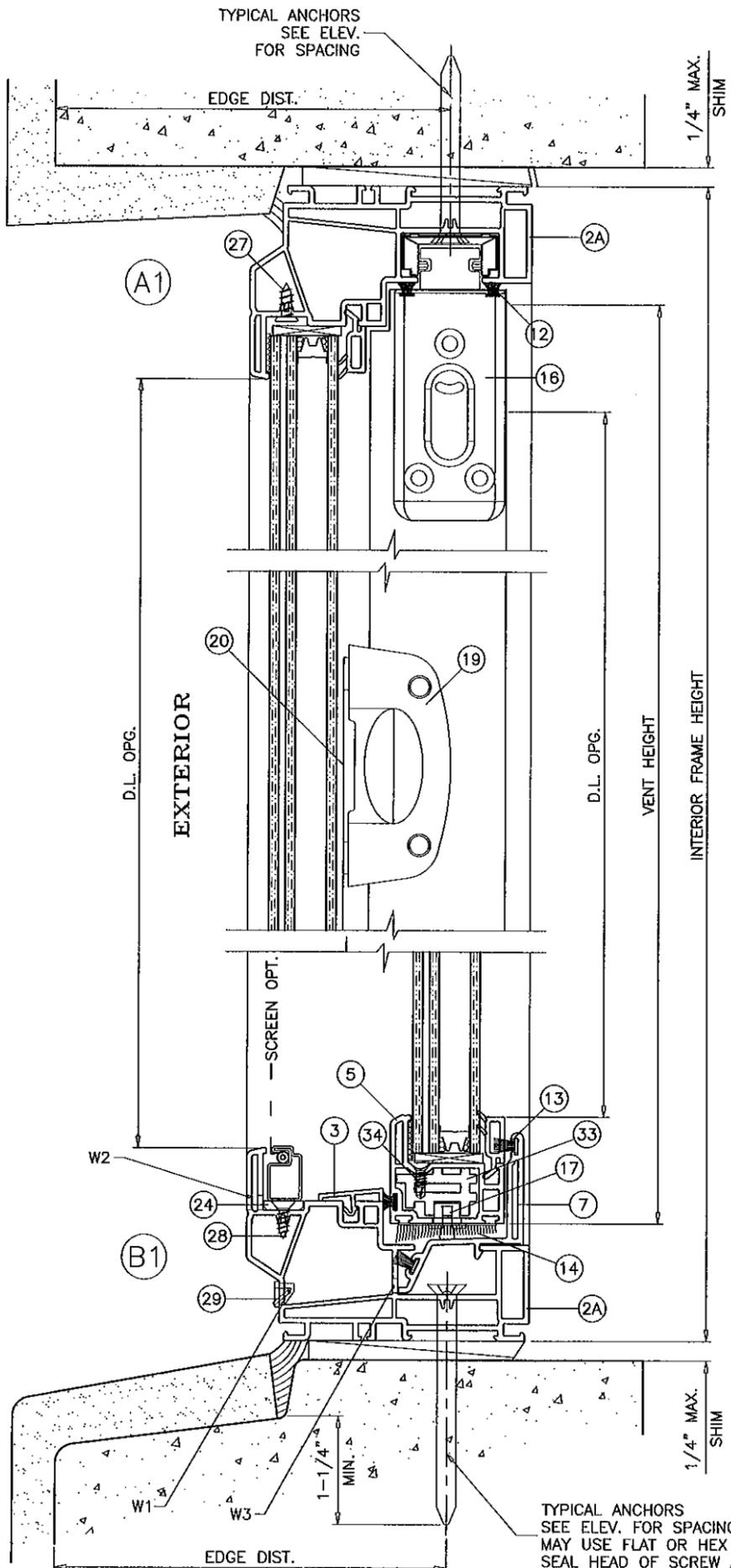
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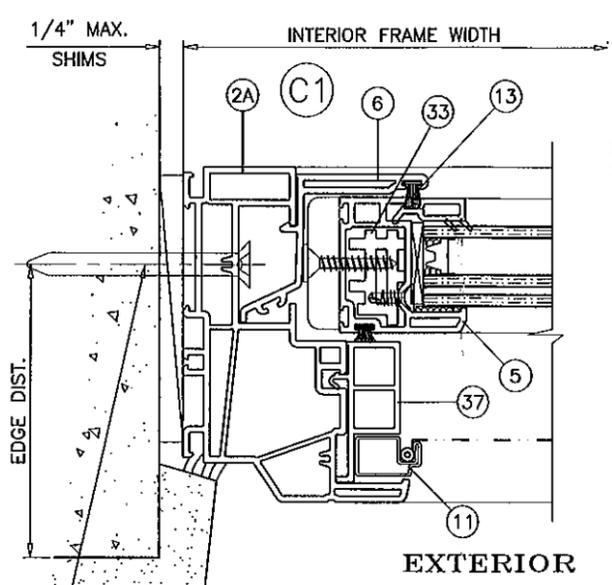
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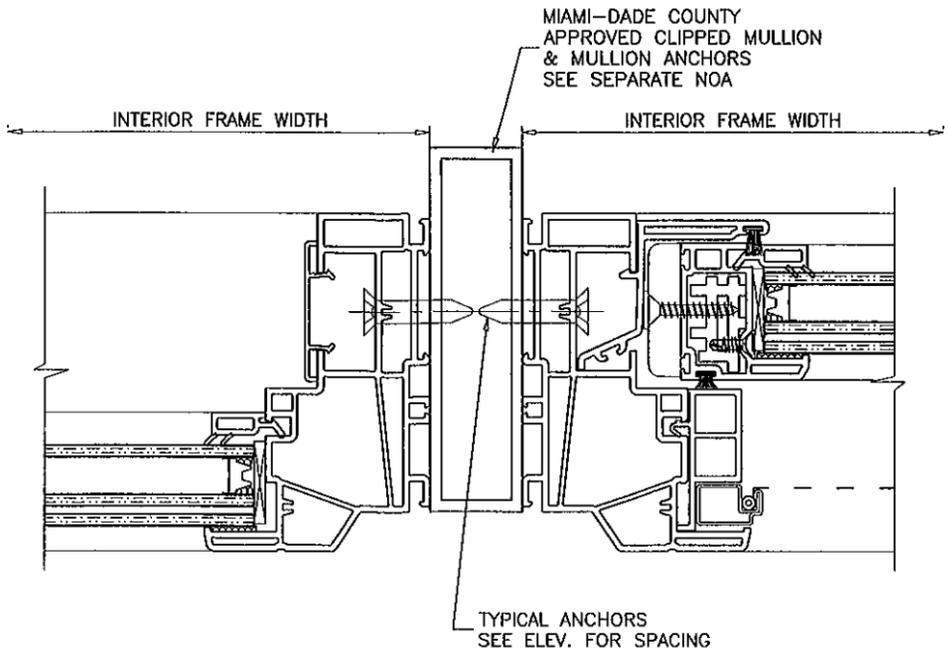
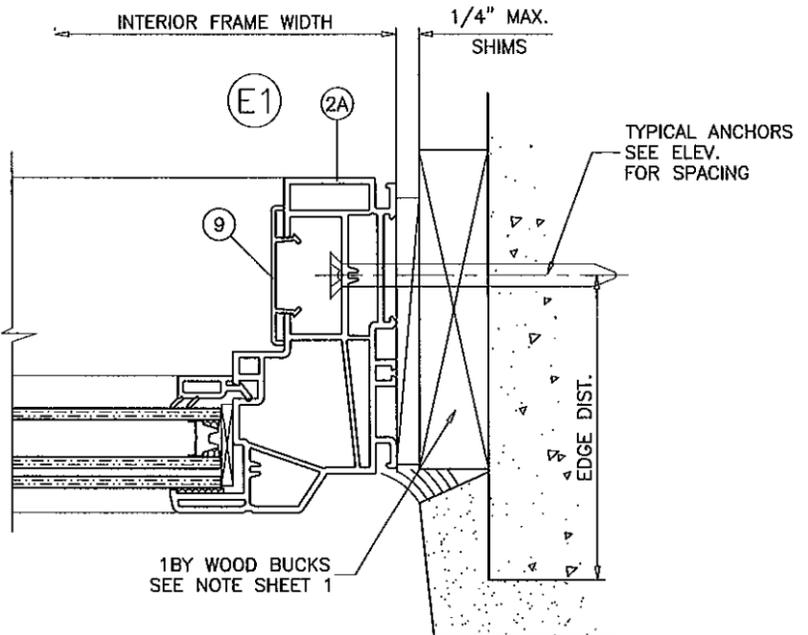
drawing no.
W10-27
sheet 4 of 8



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



MEETING STILES DETAIL
SEE SHEET 4



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
J.A.
DEC 27 2011

FLUSH FRAMES

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Acceptance No *12-0130.37*
Expiration Date *DEC 23, 2015*
By *Muhammad*
Miami Dade Product Control

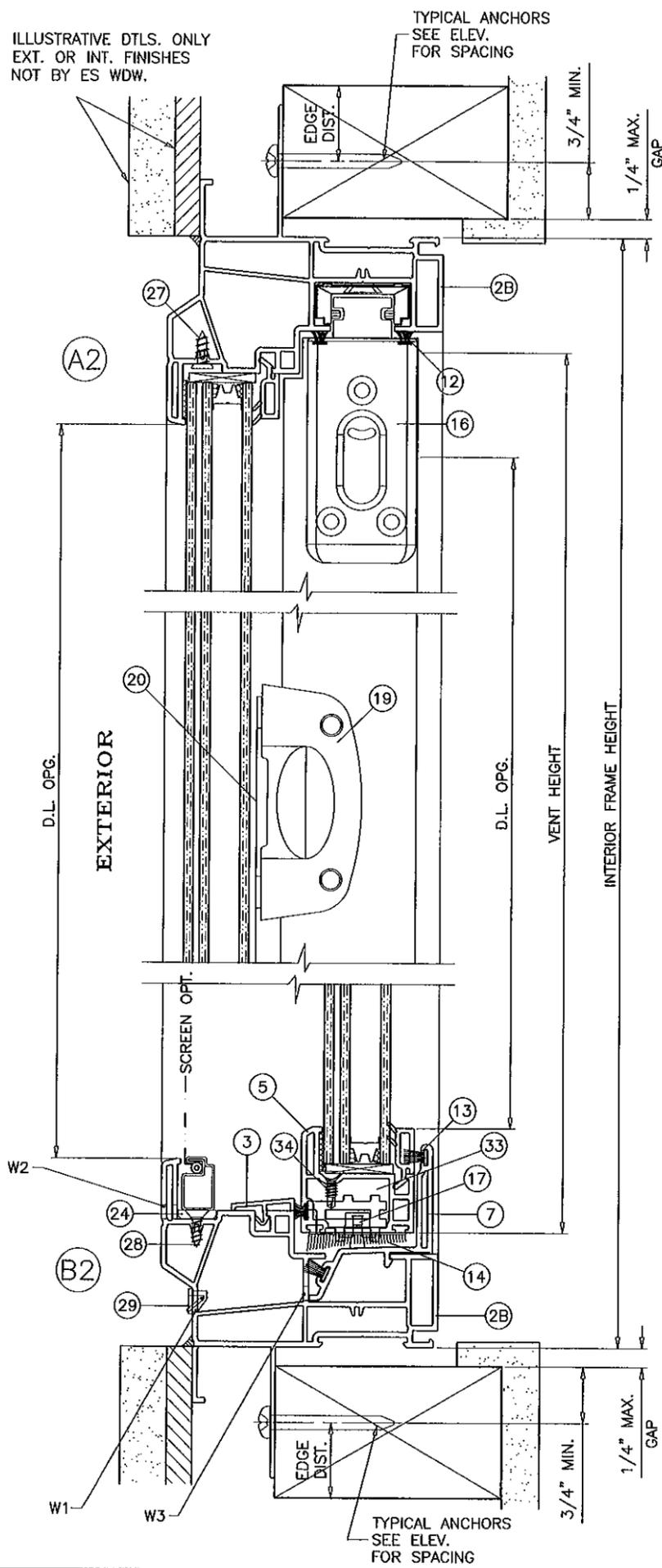
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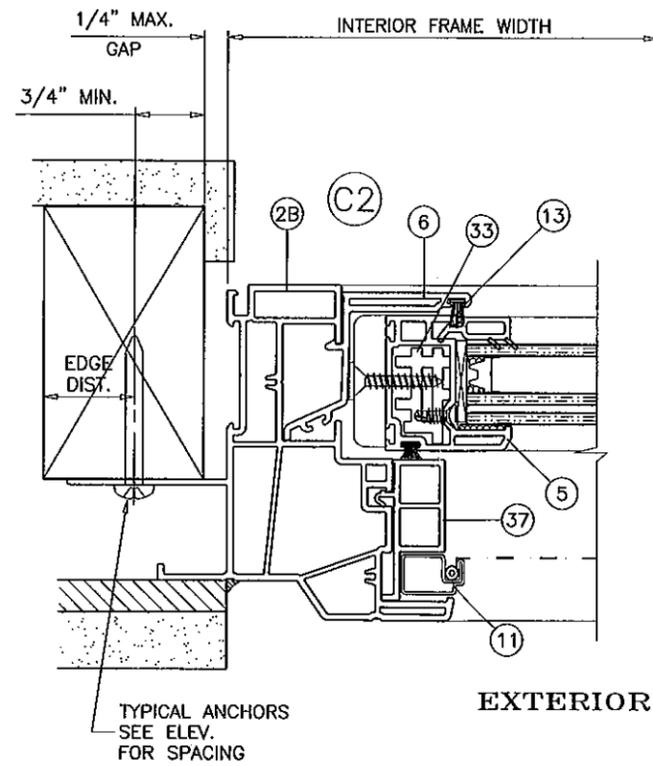
date: 04-27-10
scale: 1/2" = 1"
dr. by: HAMID
chk. by:
drawing no.
W10-27
sheet 5 of 8

ILLUSTRATIVE DTLS. ONLY
EXT. OR INT. FINISHES
NOT BY ES WDW.

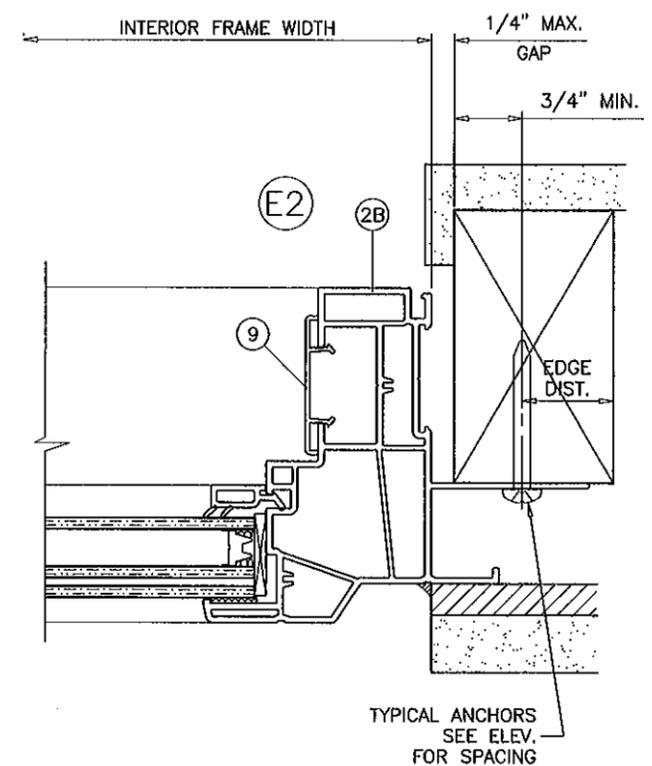


TYPICAL ANCHORS:
FIN FRAMES: SEE ELEV. FOR SPACING

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



D
MEETING STILES DETAIL
SEE SHEET 4



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

FIN FRAMES

Engr: JAVAD AHMAD
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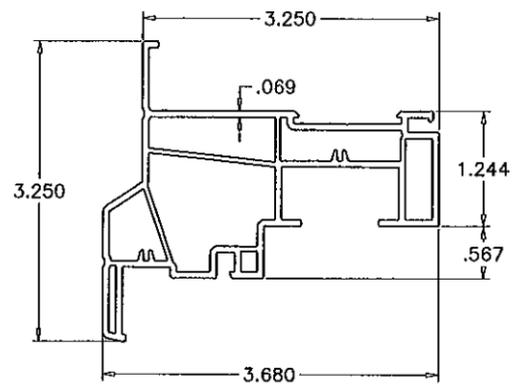
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Miami Dade Product Control

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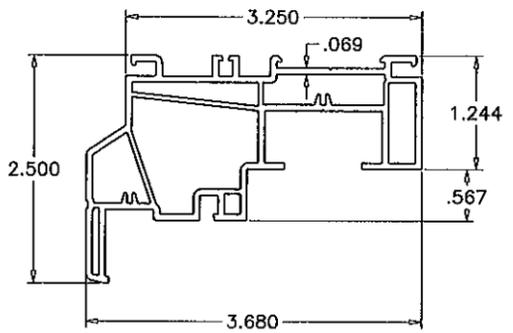
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TEL. (305) 624-7775 FAX. (305) 624-7777

no	date	by	description
A	09.24.10	REV.	PER BCCO COMMENTS
B	12.22.11	NO	CHANGE THIS SHEET

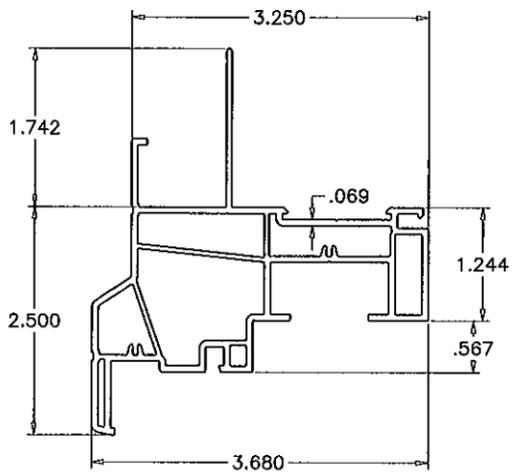
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dr. by:	HAMID
chk. by:	
drawing no.	W10-27
sheet	6 of 8



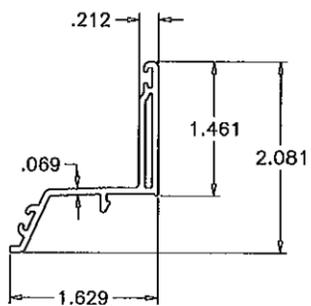
② FLANGE FRAME



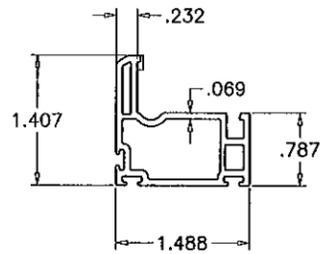
②A FLUSH FRAME



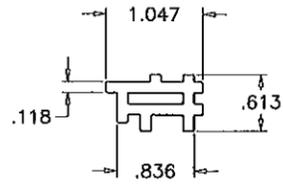
②B FIN FRAME



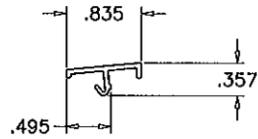
⑦ SILL ADAPTER



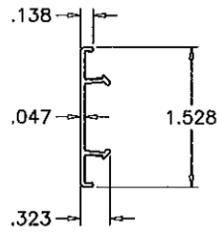
① VENT TOP/BOTTOM/SIDE RAIL



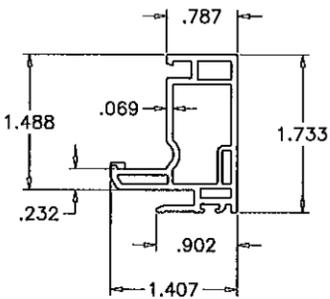
③③ VENT REINFORCEMENT



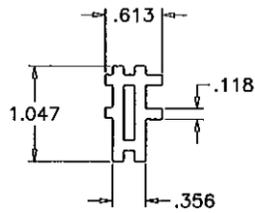
③ SILL COVER



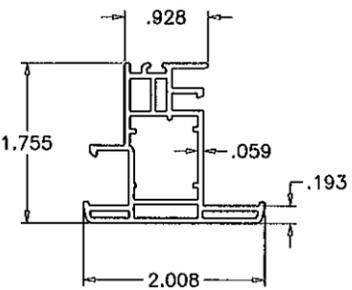
⑨ SASH STOP



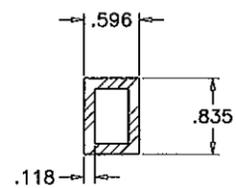
④ VENT INTERLOCK STILE



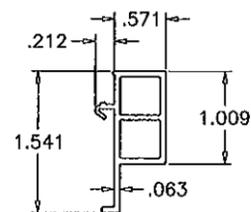
③⑥ VENT INTERLOCK REINF.



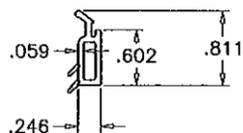
① FIXED INTERLOCK STILE



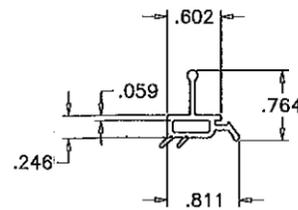
③⑩ FIX. INTERLOCK REINF.



③⑦ EXTENSION BLOCK



⑩ GLAZING BEAD



⑧ GLAZING BEAD

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 27 2011

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as complying with the Florida
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Expiration Date DEC 23, 2015
By *Manuel Lopez*
Miami Made Product Control

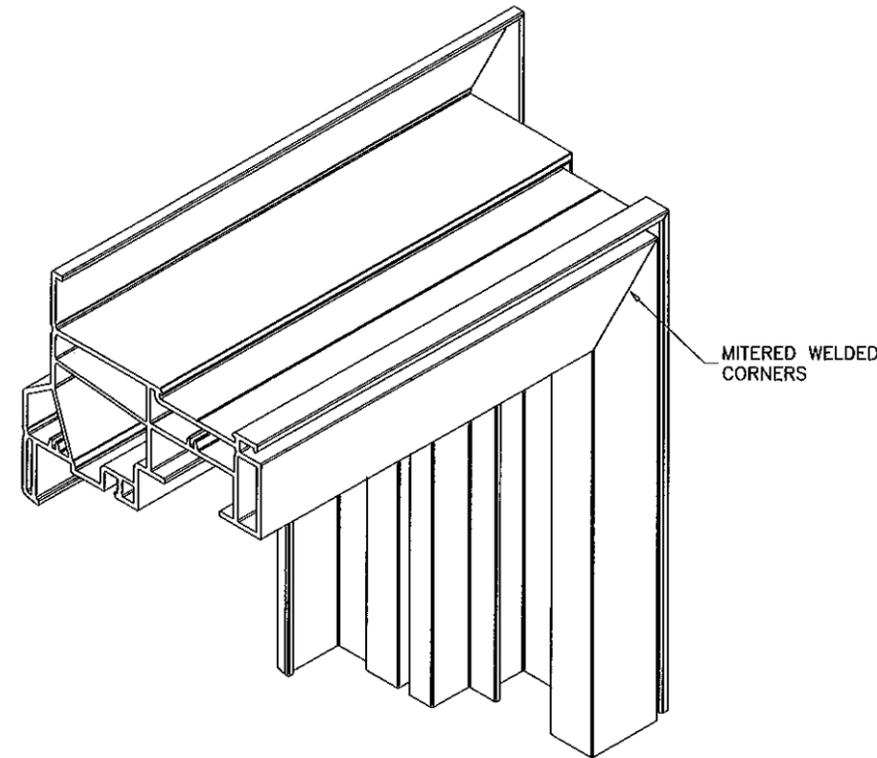
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W10-27ES

SERIES V2000 PVC HORIZ. SLIDING WDW. (L.M.I.)
E.S. WINDOWS, LLC
5220 N.W. 72 AVE. BAY #4
MIAMI, FL. 33166
TEL. (305) 624-7775 FAX. (305) 624-7777

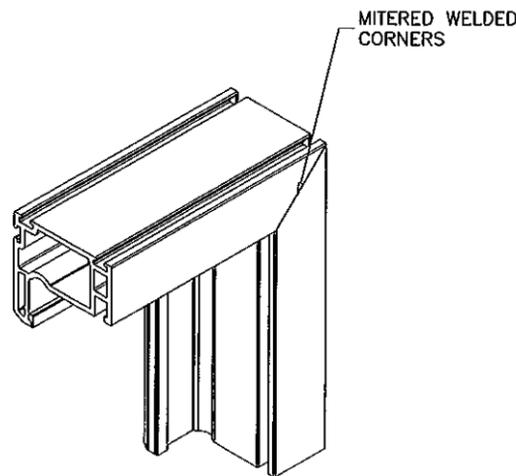
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dr. by: HAMID
chk. by:

drawing no.
W10-27
sheet 7 of 8



FRAME CORNERS



VENT CORNERS

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	4254	1	FIXED MEETING RAIL	WHITE RIGID PVC	THERMOPLAST
2	4252E	4/ WDW.	FLANGE FRAME HEAD/SILL/JAMB	WHITE RIGID PVC	THERMOPLAST
2A	4202	4/ WDW.	FLUSH FRAME HEAD/SILL/JAMB	WHITE RIGID PVC	THERMOPLAST
2B	4252	4/ WDW.	FIN FRAME HEAD/SILL/JAMB	WHITE RIGID PVC	THERMOPLAST
3	400B	1	SILL COVER	WHITE RIGID PVC	THERMOPLAST
4	4084A	1	SASH INTERLOCK	WHITE RIGID PVC	THERMOPLAST
5	4027A	1	SASH FRAME	WHITE RIGID PVC	THERMOPLAST
7	4219	1	SILL ADAPTER	WHITE RIGID PVC	THERMOPLAST
8	4022	AS REQD.	7/8" GLAZING BEAD	WHITE RIGID PVC	THERMOPLAST
9	4010	1	SASH STOP	WHITE RIGID PVC	THERMOPLAST
10	4013	AS REQD.	7/8" GLAZING BEAD	WHITE RIGID PVC	THERMOPLAST
11	-	AS REQD.	SCREEN FRAME (OPTIONAL)	WHITE RIGID PVC	THERMOPLAST
12	HF-7320-187	AS REQD.	WEATHERSTRIPPING	-	SCHLEGEL
13	PB-8830-187	AS REQD.	WEATHERSTRIPPING	-	SCHLEGEL
14	DPAB-1.062-200	AS REQD.	FIN WEATHERSTRIPPING	-	SCHLEGEL
15	-	AS REQD.	SETTING BLOCK (.90" X 1" X 1/8")	-	-
16	Q4060	-	TILT LATCH	-	THERMOPLAST
17	4076	-	ROLLERS	-	THERMOPLAST
19	Q4080	2/ VENT	LOCK, AT 8" FROM EACH END	-	THERMOPLAST
20	Q4082	-	KEEPER	-	THERMOPLAST
21	-	AS REQD.	SCREEN SPRING	-	-
23	4052	2	MULLION CONNECTOR	-	-
24	4053	AS REQD.	SCREEN SUPPORT	-	-
25	#6 X 1"	-	LOCK SCREWS	-	FH
26	#6 X 1-1/2"	-	KEEPER SCREWS	-	FH
27	7/16" X 5/8"	2/ CONNECTOR	FIX. RAIL CONNECTOR SCREWS	-	-
28	#8 X 1/2"	AS REQD.	SCREEN SUPPORT SCREWS	-	FH
29	97-03-00-00	2/ WDW.	VALVE	-	GEARMOLD
30	A112-02P096	1	FIX. INTERLOCK REINFORCEMENT	6063-T6	-
31	#10 X 2"	-	RECEPTACLE SCREWS	-	FH
32	#8 X 1"	-	TILT LATCH SCREWS	-	FH
33	A110-02P096	-	SASH REINFORCEMENT	6063-T6	-
34	#8 X 1/2"	-	REINFORCEMENT SCREWS	ST. STEEL	-
35	#10 X 3"	-	FIXED RAIL SCREWS	-	PH
36	A111-02P096	-	MTG. RAIL REINFORCEMENT	6063-T6	-
37	4020	-	EXTENSION BLOCK	-	-

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

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
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 By *Mamun Saiz*
 Miami Dade Product Control

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