



MIAMI-DADE COUNTY
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

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 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 2100 Aluminum Horizontal Sliding Window- S.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-101**, titled "Series 2100 Alum. Horiz. Sliding Window (S.M.I)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 11/26/04 with revision "D" on 09/11/09, signed and sealed by Arshad Viqar, 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: Small 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 # 06-0316.04 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 **Manuel Perez, P.E.**



NOA No. 09-1008.04
Expiration Date: February 10, 2015
Approval Date: December 23, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W04-101**, titled "Series-2100 Alum. Horiz. Sliding Wdw. (S.M.I)" Sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11/26/04 with revision "**D**", dated 09/11/09, signed and sealed by Arshad Viqar, P.E.

B. TESTS

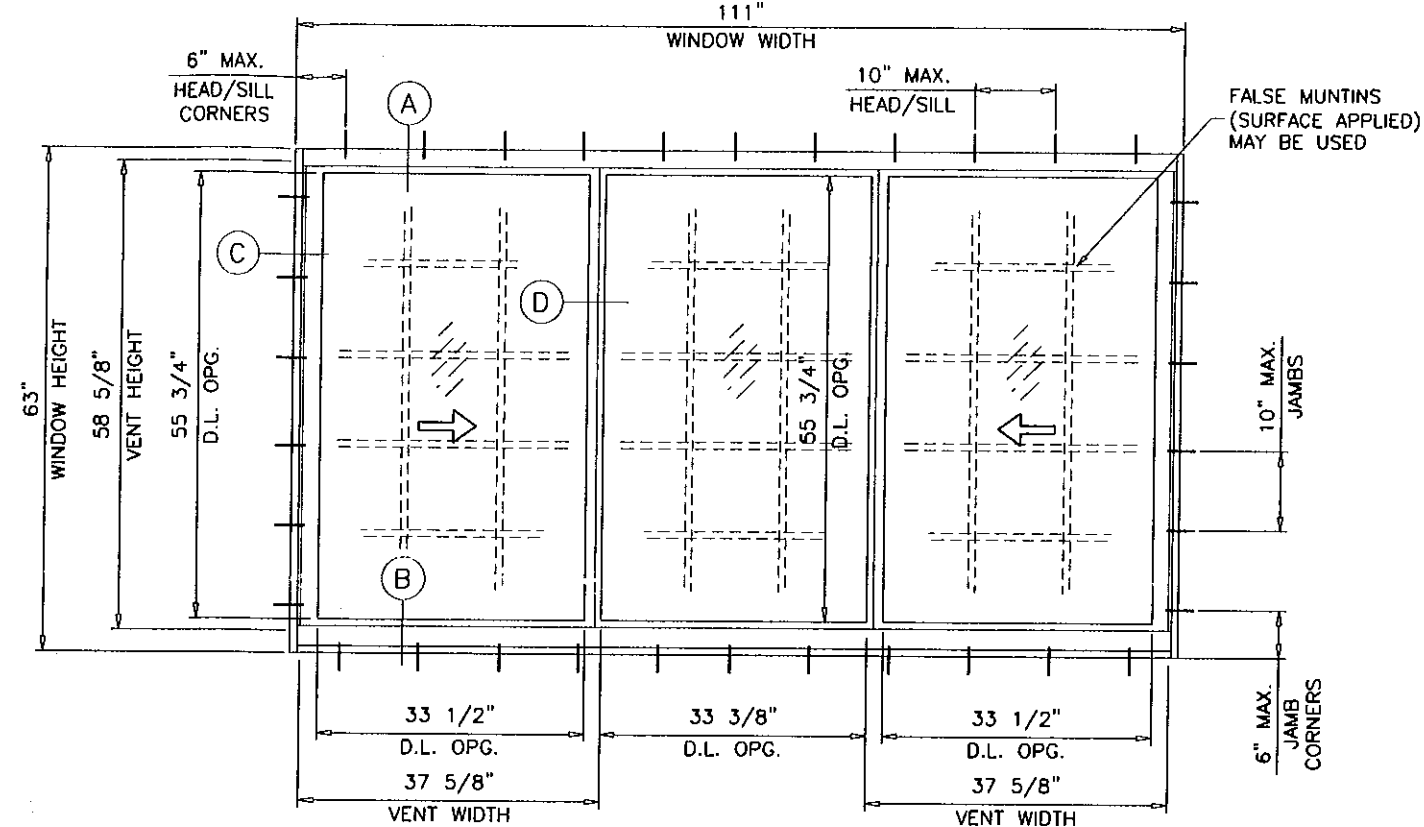
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series 210 horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5811**, dated 02/16/09, signed and sealed by Michael R. Wenzel, P.E.
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) Small 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, TAS 202-94
along with marked-up drawings and installation diagram of a series 210 horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5686**, dated 12/30/08, signed and sealed by Carlos S. Rionda, P.E.
3. Test reports on: 1) Small Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing Inc. Test Report No. **HETI-04-1921**, dated 10/15/04, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0303.02)
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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing Inc. Test Report No. **HETI-04-1412**, dated 10/13/04, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0303.02)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 09-1008.04
Expiration Date: February 10, 2015
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5. Test reports on: 1) Small Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing Inc. Test Report No. **HETI-05-1937**, dated 01/26/05, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0303.02)
6. 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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing Inc. Test Report No. **HETI-05-1423**, dated 01/12/05, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA No. 04-1208.02)
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 09/09/09, signed and sealed by Arshad Viqar, P.E.
Complies with ASTM E1300-02/04
- 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. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.
- F. STATEMENTS**
1. Statement letter of conformance and no financial interest, dated September 9, 2009 signed and sealed by Arshad Viqar, P.E.
- G. OTHERS**
1. Notice of Acceptance No. **06-0316.04**, issued to E.S. Windows, Inc. for their Series 2100 Aluminum Horizontal Sliding Window – S.M.I., approved on 05/18/06 and expiring on 02/10/10.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 09-1008.04
Expiration Date: February 10, 2015
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TYPICAL ELEVATION

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT.
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS
REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

SERIES-2100 ALUM HORIZ. 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 H.R. 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 2007 EDITION INCLUDING
HIGH VELOCITY HURRICANE ZONE (HVHZ).

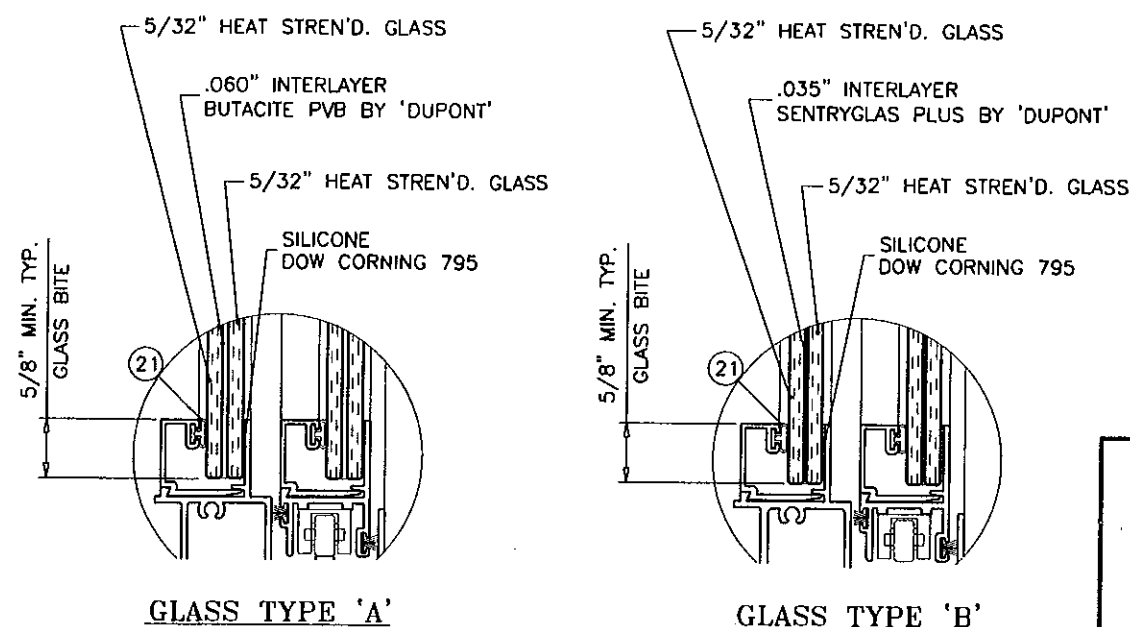
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

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

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

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS
OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



GLASS TYPE 'A'

GLASS TYPE 'B'

GLAZING OPTIONS

LAMINATED GLASS
SMALL MISSILE IMPACT

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

SEP 28 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-1008.04
Expiration Date FEB. 10, 2015
By: *Manuel Pera*
Miami Dade Product Control
Division

revisions:	no	date	by	description
	A	01.08.05		NO CHANGE THIS SHEET
	B	02.15.05		NO CHANGE THIS SHEET
	C	03.27.05		GENERAL NOTES REVISED
	D	09.11.09		GENERAL REVISION

date: 11-26-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-101

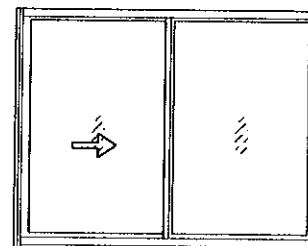
sheet 1 of 8

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-101ES

SERIES-2100 ALUM HORIZ. SLIDING WDW. (S.M.I.)
E.S. WINDOWS, LLC
5220 N.W. 72 AVE. BAY #4
MIAMI, FL. 33166
TEL. (305) 624-7775 FAX. (305) 624-7777

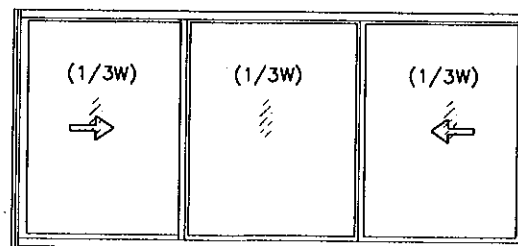
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)						
WINDOW DIMS.		A	GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (2)	3	82.0	108.0	82.0	82.0
37"		4	82.0	108.0	82.0	82.0
53-1/8"		5	82.0	108.0	82.0	82.0
74"		7	82.0	108.0	82.0	82.0
26-1/2"	38-3/8" (3)	3	82.0	108.0	82.0	82.0
37"		4	82.0	108.0	82.0	82.0
53-1/8"		5	82.0	108.0	82.0	82.0
74"		7	82.0	108.0	82.0	82.0
26-1/2"	50-5/8" (4)	3	82.0	108.0	82.0	82.0
37"		4	82.0	108.0	82.0	82.0
53-1/8"		5	82.0	108.0	82.0	82.0
74"		7	82.0	108.0	82.0	82.0
26-1/2"	63" (4)	3	82.0	108.0	82.0	82.0
37"		4	82.0	108.0	82.0	82.0
53-1/8"		5	82.0	108.0	82.0	82.0
74"		7	82.0	82.0	82.0	82.0
24"	24" (2)	3	82.0	108.0	82.0	82.0
36"		4	82.0	108.0	82.0	82.0
48"		5	82.0	108.0	82.0	82.0
60"		6	82.0	108.0	82.0	82.0
66"		6	82.0	108.0	82.0	82.0
72"		7	82.0	108.0	82.0	82.0
24"	36" (3)	3	82.0	108.0	82.0	82.0
36"		4	82.0	108.0	82.0	82.0
48"		5	82.0	108.0	82.0	82.0
60"		6	82.0	108.0	82.0	82.0
66"		6	82.0	108.0	82.0	82.0
72"		7	82.0	108.0	82.0	82.0
24"	48" (4)	3	82.0	108.0	82.0	82.0
36"		4	82.0	108.0	82.0	82.0
48"		5	82.0	108.0	82.0	82.0
60"		6	82.0	108.0	82.0	82.0
66"		6	82.0	108.0	82.0	82.0
72"		7	82.0	108.0	82.0	82.0
24"	60" (4)	3	82.0	108.0	82.0	82.0
36"		4	82.0	108.0	82.0	82.0
48"		5	82.0	108.0	82.0	82.0
60"		6	82.0	108.0	82.0	82.0
66"		6	82.0	108.0	82.0	82.0
72"		7	82.0	108.0	82.0	82.0
24"	66" (5)	3	82.0	108.0	82.0	82.0
36"		4	82.0	108.0	82.0	82.0
48"		5	82.0	108.0	82.0	82.0
60"		6	82.0	108.0	82.0	82.0
66"		6	76.7	108.0	76.7	82.0

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



DESIGN LOAD CAPACITY - PSF (XOX SIZES)				
WINDOW DIMS.		A	GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
74"	26" (2)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
74"	38-3/8" (3)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
74"	50-5/8" (4)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
74"	63" (4)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
72"	24" (2)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	36" (3)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	48" (4)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	60" (4)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	66" (5)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	78.6	82.0

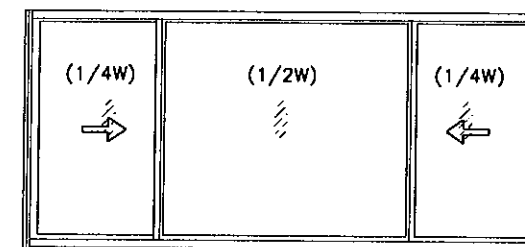
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

DESIGN LOAD CAPACITY - PSF (XOX SIZES)				
WINDOW DIMS.		A	GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
74"	26" (2)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
74"	38-3/8" (3)	7	82.0	82.0
106-1/4"		10	82.0	82.0
111"		10	82.0	82.0
74"	50-5/8" (4)	7	82.0	82.0
74"		7	82.0	82.0
72"	24" (2)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	36" (3)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
108"		10	82.0	82.0
72"	48" (4)	7	82.0	82.0
84"		8	82.0	82.0
96"		9	82.0	82.0
72"	60" (4)	7	82.0	82.0

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



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

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
SEP 28 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-1008.04
Expiration Date FEB. 10, 2015
by *Manuel Perez*
Manufacture Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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TEL (305) 264-8100 FAX (305) 262-6978
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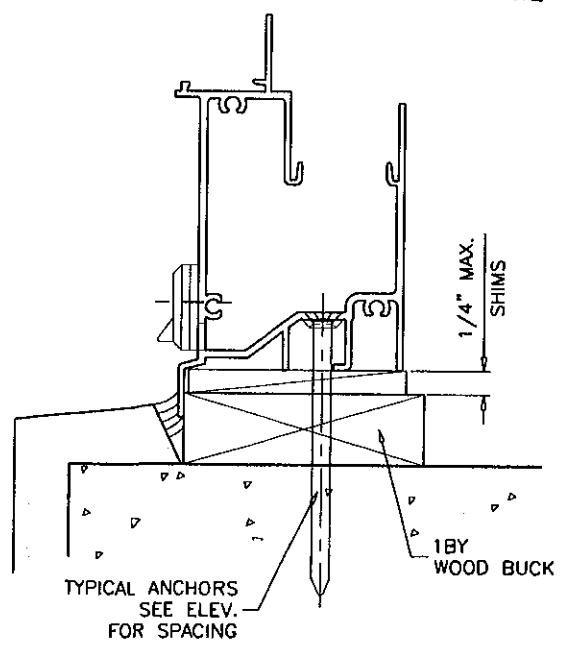
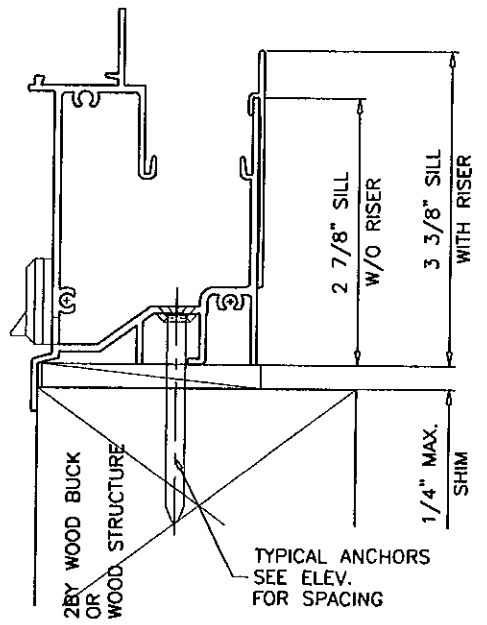
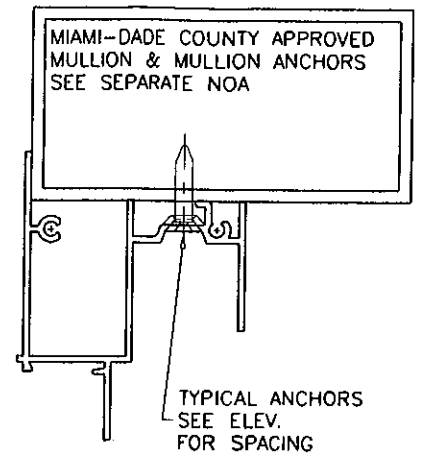
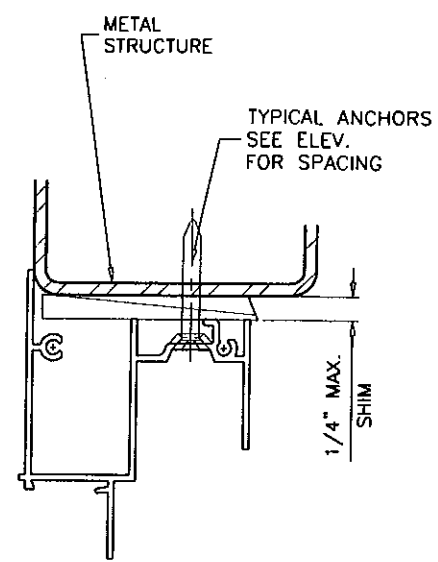
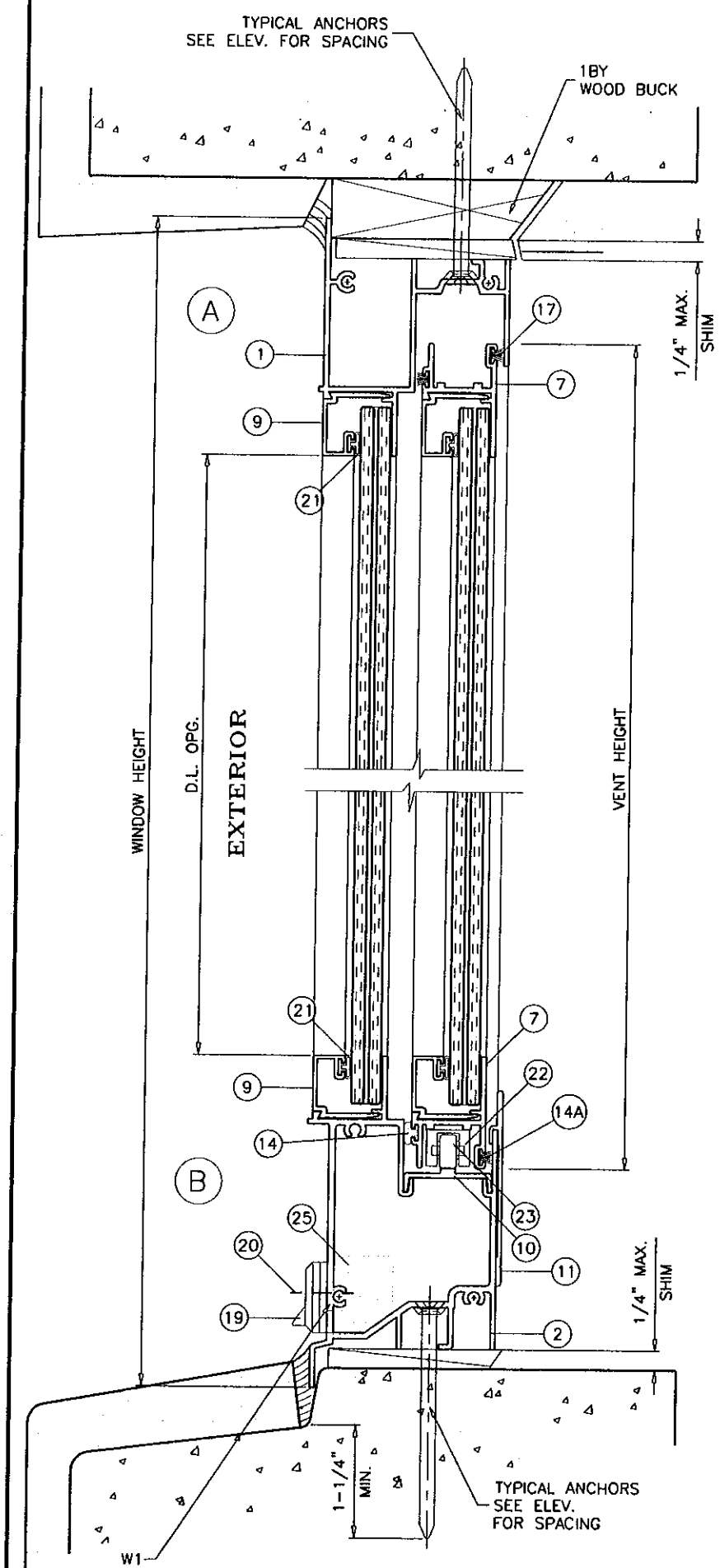
SERIES-2100 ALUM HORIZ. SLIDING WDW. (S.M.I.)

E.S. WINDOWS, LLC
5220 N.W. 72 AVE. BAY #4
MIAMI, FL. 33166
TEL. (305) 624-7775 FAX. (305) 624-7777

no.	date	by	description
A	01.08.05		NO CHANGE THIS SHEET
B	02.15.05		XO CHART REV.
C	03.27.06		GLASS NOTE ADDED
D	09.11.09		GENERAL REVISION

date: 11-26-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W04-101
sheet 2 of 8



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

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

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

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

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 = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

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

WEEPHOLES:

W1 = 1-13/16" X 1/4" WEEPHOLES AT 3" FROM EACH END WITH PLASTIC BAFFLE

W2 = 1/4" WEEPHOLE AT TOP & BOTTOM RAIL 1" FROM EACH END

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
 SEP 28 2009

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 09-1008.04
 Expiration Date FEB. 10, 2015
 By: *W. W. W. W.*
 Miami Dade 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\W04-101ES

E.S. WINDOWS, LLC
 5220 N.W. 72 AVE. BAY #4
 MIAMI, FL. 33166
 TEL. (305) 624-7775 FAX. (305) 624-7777

revisions:	
no	description
A	01.08.05 NO CHANGE THIS SHEET
B	02.15.05 MTG. STILE CLIP NOTE REV.
C	03.27.06 FLUSH FRAME DETS. ADDED
D	09.11.09 GENERAL REVISION

date: 11-26-04

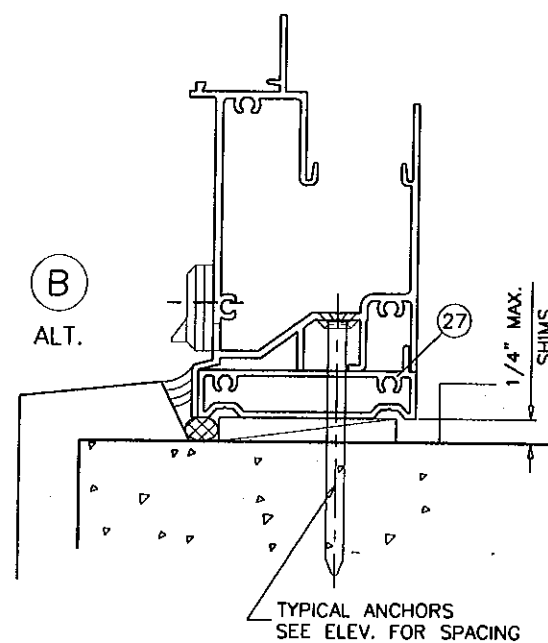
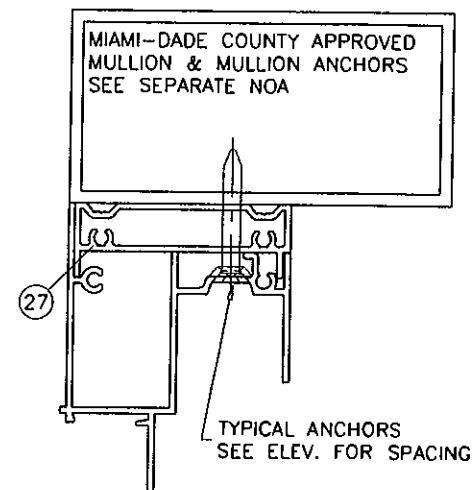
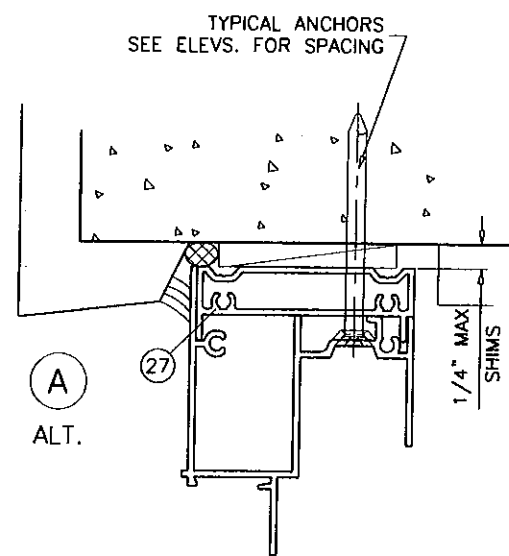
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dr. by: HAMID

chk. by:

drawing no.
W04-101

sheet 3 of 8



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES1003	1	FRAME HEAD	6063-T6	-
2	ES2012	1	FRAME SILL	6063-T6	-
3	ES2003	1	FRAME JAMB	6063-T6	-
5	ES1005	1/ VENT	FIXED RAIL (AT SPRING LATCHES)	6063-T6	-
5A	ES1051	1/ VENT	FIXED RAIL (AT SWEEP LATCHES)	6063-T6	-
6	ES2004	1/ VENT	VENT MEETING RAIL (AT SPRING LATCHES)	6063-T6	-
6A	ES1053	1/ VENT	VENT MEETING RAIL (AT SWEEP LATCHES)	6063-T6	-
7	ES1007	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
8	ES1006	1/ VENT	JAMB STILE	6063-T5	-
9	ES1103	AS REQD.	GLAZING BEAD	6063-T6	-
10	ES2002	1	SILL TRACK INSERT	6063-T5	-
11	ES2011	AS REQD.	STD. SILL RISER	6063-T5	-
12	ES1009	2/ VENT	SPRING LOADED VENT LATCH	6063-T6	AT 8" FROM ENDS
12A	SL203	2/ VENT	SWEEP LATCH	ZAMAK	AT 11" FROM ENDS, BY INTERLOCK
12B	#8 X 1"	2/ LATCH	LATCH INSTALLATION SCREWS	-	FH SMS
13	ES1012	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
14	C1B251N	AS REQD.	FOAM FILLED FABRIC W'STRIPPING	-	SCHLEGEL
14A	W23221NG	AS REQD.	FIN SEAL PILE W'STRIPPING	-	ULTRAFAB
15	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
16	#10 X 4"	2/ VENT	FIX. RAIL SILL SCREWS	CRS	P.H. SMS
17	W2321NG	AS REQD.	VENT & FIX. RAIL W'STRIPPING	-	ULTRAFAB
18	W23291NG	AS REQD.	FRAME JAMB W'STRIPPING	-	ULTRAFAB
19	WPHL-100	2	BAFFLE	-	M & M PLASTICS
20	#6 X 1/2"	2/ BAFFLE	BAFFLE SCREW	-	F.H. SMS
21	ES1104	AS REQD.	GLAZING GASKET	NEOPRENE	-
22	ES2007	4/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	-
23	ES2006	2/ VENT	ROLLER	BRASS/ST. ST.	-
24	ES2005	2/ VENT	ROLLER PIN	ST. STEEL	-
25	-	1/ WEEP	OPEN CELL FOAM PAD	-	1" X 3/4" X 1" LONG
26	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
27	ES1505	-	FLUSH FRAME ADAPTER	6063-T5	OPTIONAL

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SERIES-2100 ALUM HORIZ. SLIDING WDW. (S.M.I.)

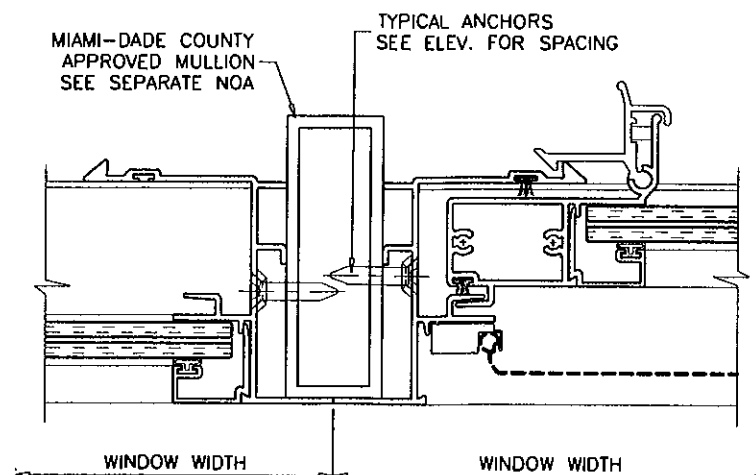
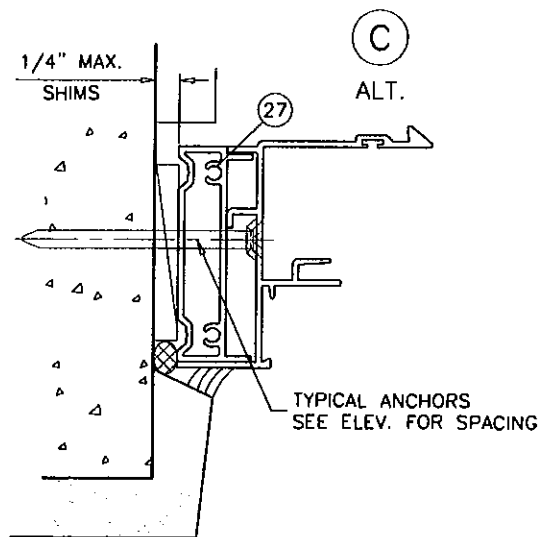
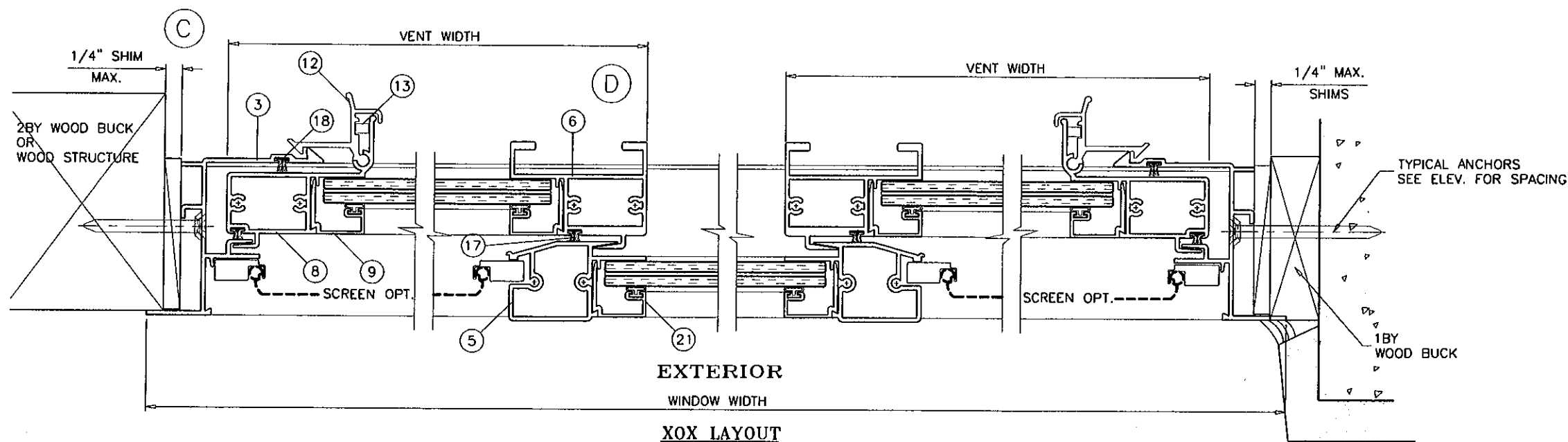
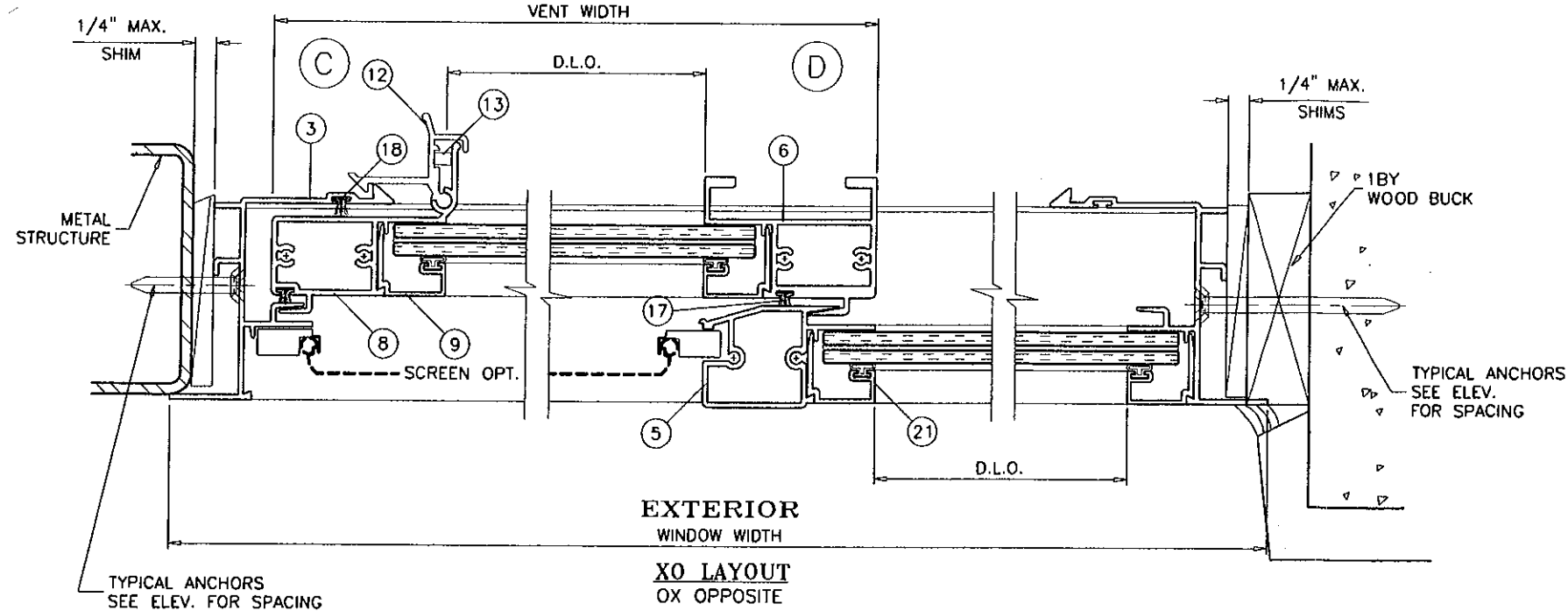
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D	06.11.09		GENERAL REVISION

date: 11-26-04	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.
W04-101
sheet 4 of 8

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
SEP 28 2009

PRODUCT REVISED
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Acceptance No. 09-1008.04
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Mamun Siraj
Miami Dade Product Control
Division



VENTS WITH SPRING LOADED LATCHES

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

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Expiration Date FEB. 10, 2015
By: *Manuel Perez*
Miami Dade Product Control
Division

SERIES-2100 ALUM HORIZ. SLIDING WDW. (S.M.I.)

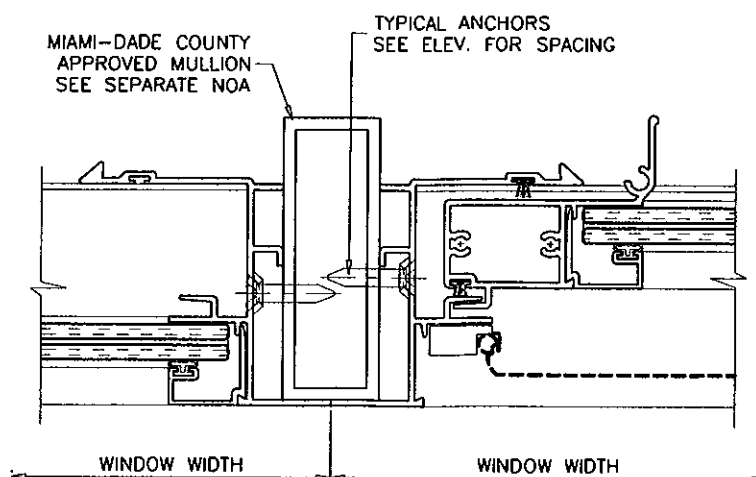
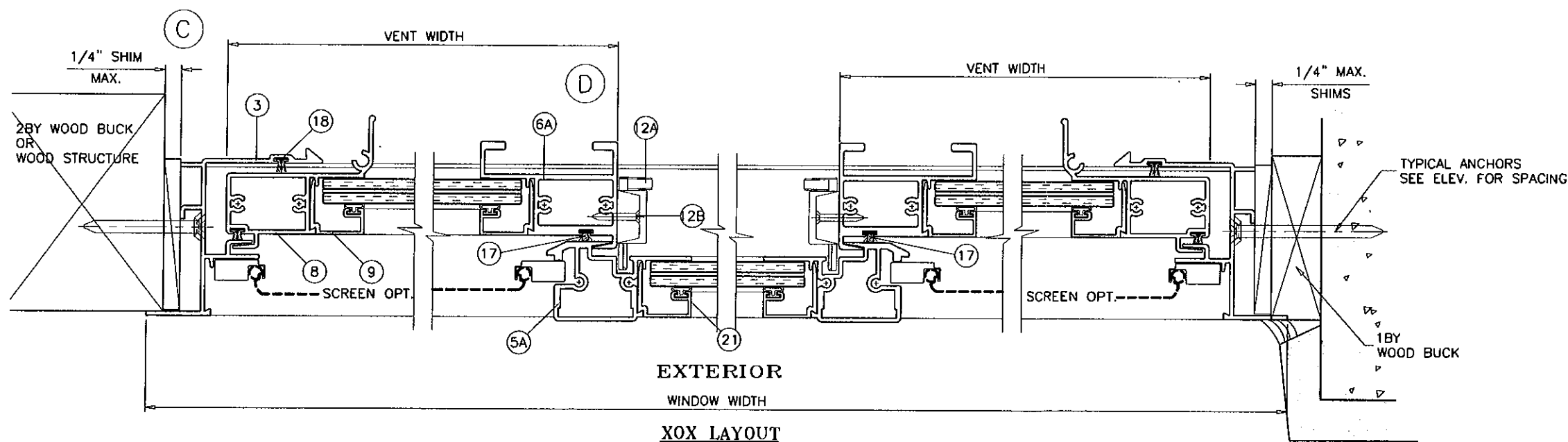
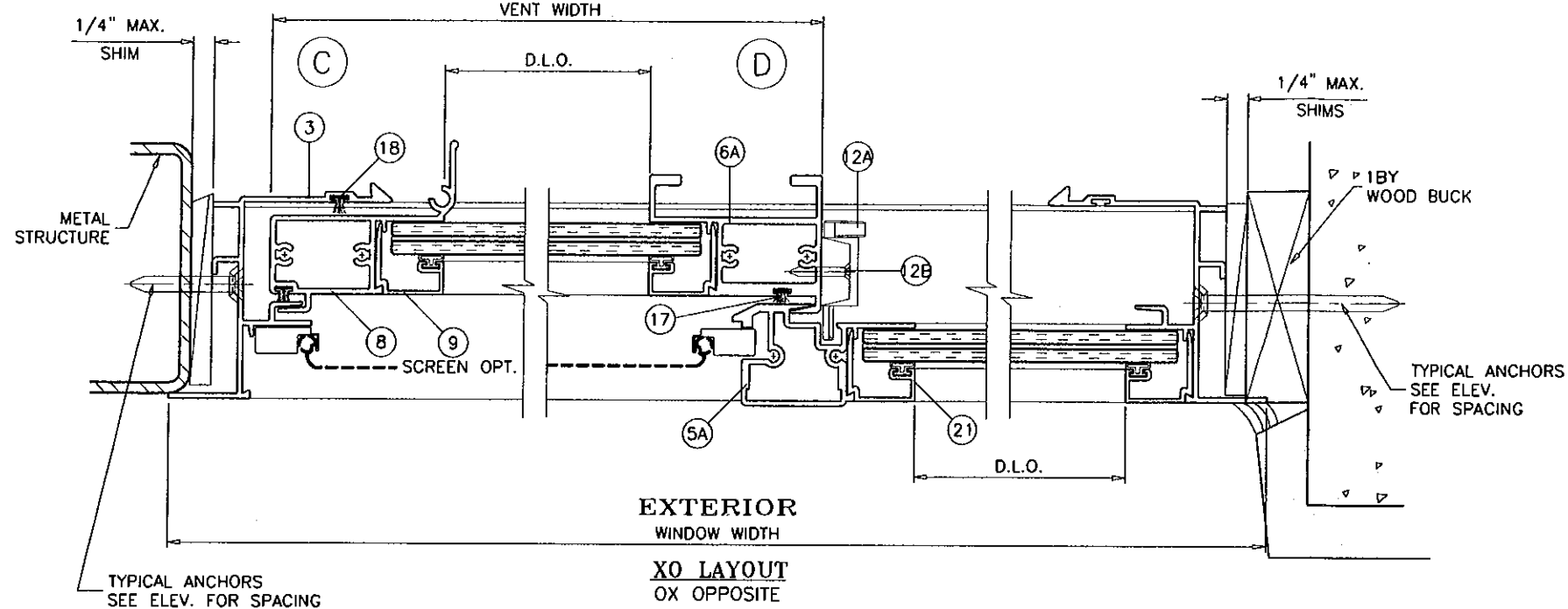
E.S. WINDOWS, LLC
5220 N.W. 72 AVE. BAY #4
MIAMI, FL. 33166
TEL. (305) 624-7775 FAX. (305) 624-7777

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D	09.11.09	GENERAL REVISION	

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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-101
sheet 5 of 8

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VENTS WITH SWEEP LATCHES

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Miami Dade Product Control
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SERIES-2100 ALUM. HORIZ. SLIDING WDW. (S.M.I.)

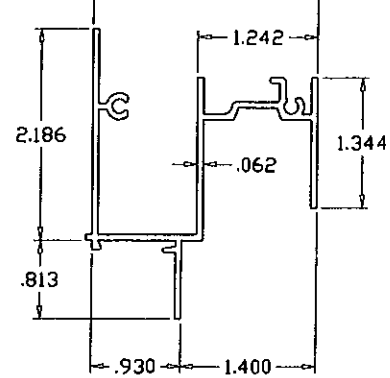
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5220 N.W. 72 AVE. BAY #4
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TEL. (305) 624-7775 FAX. (305) 624-7777

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D	09.11.09	GENERAL REVISION	

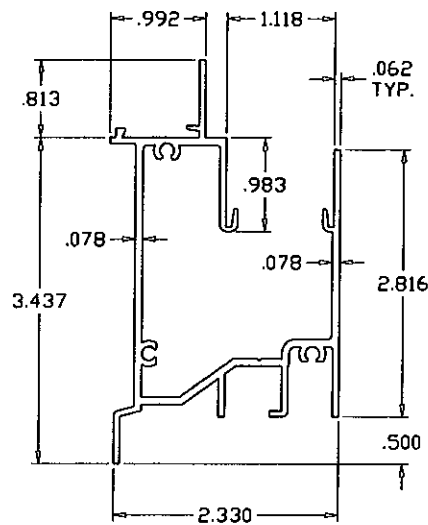
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chk. by:

drawing no.
W04-101
sheet 6 of 8

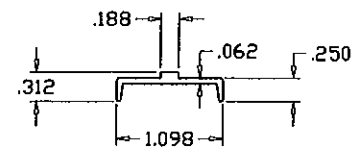
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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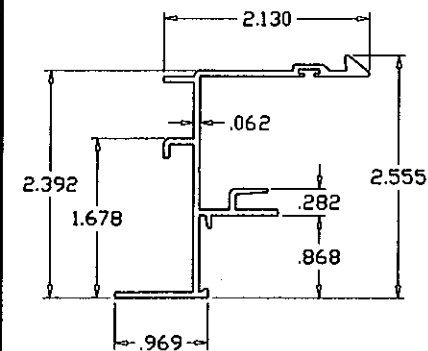
① FRAME HEAD



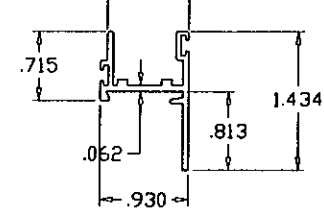
② FRAME SILL



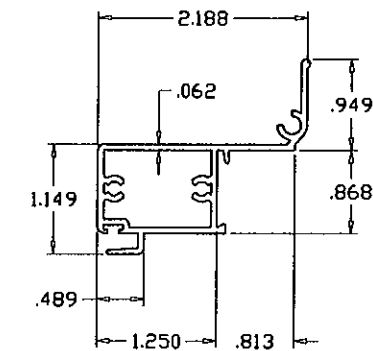
⑩ SILL TRACK



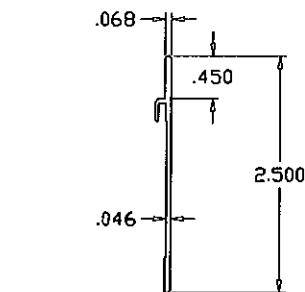
③ FRAME JAMB



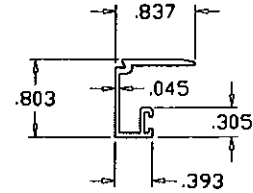
⑦ VENT TOP/BOTTOM RAIL



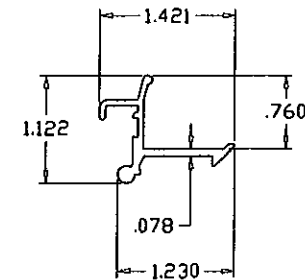
⑧ JAMB STILE



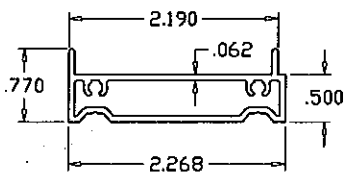
⑪ SILL RISER



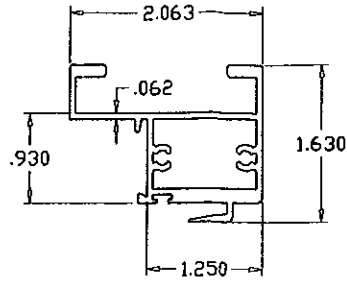
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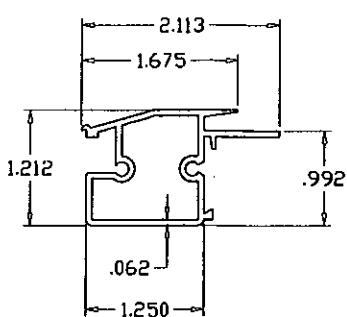
⑫ VENT LATCH



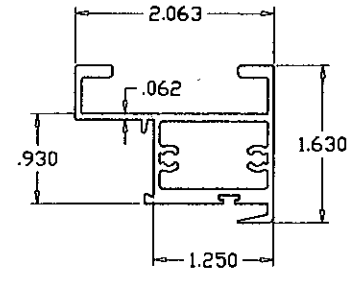
⑳ FLUSH FRAME ADAPTER



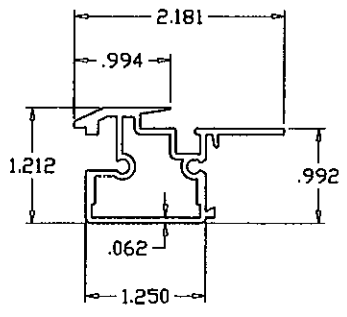
⑥ H.D. MEETING RAIL AT SPRING LATCHES



⑤ FIXED RAIL AT SPRING LATCHES



⑥A H.D. MEETING RAIL AT SWEEP LATCHES



⑤A FIXED RAIL AT SWEEP LATCHES

Engr: ARSHAD VIQAR
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Miami Date Product Control
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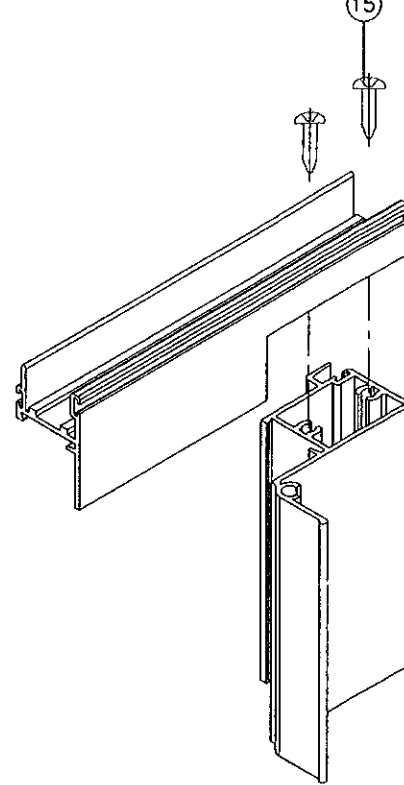
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chk. by:

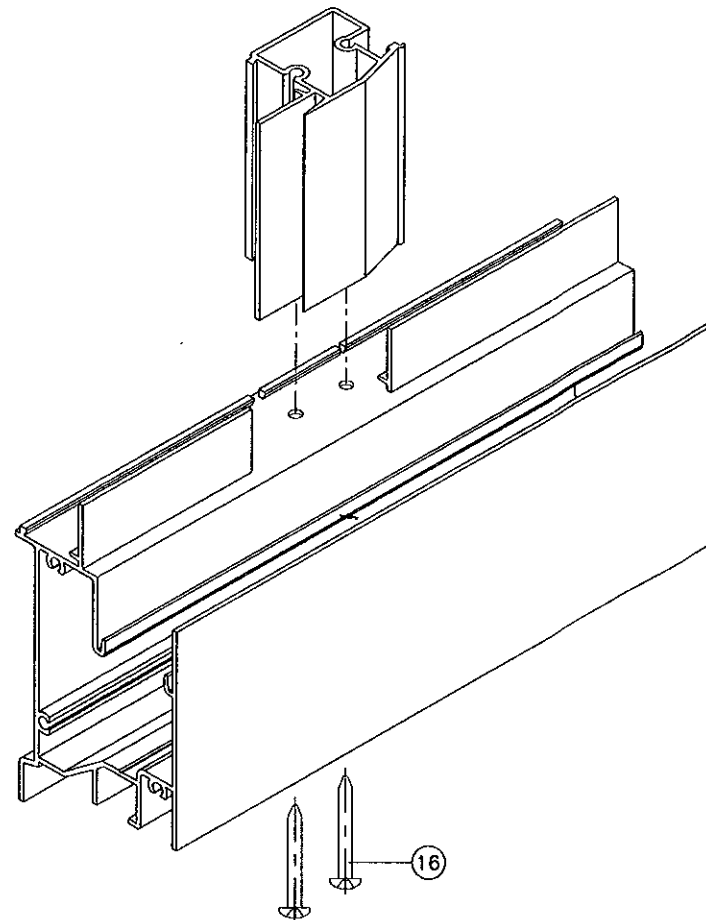
drawing no.
W04-101

sheet 7 of 8

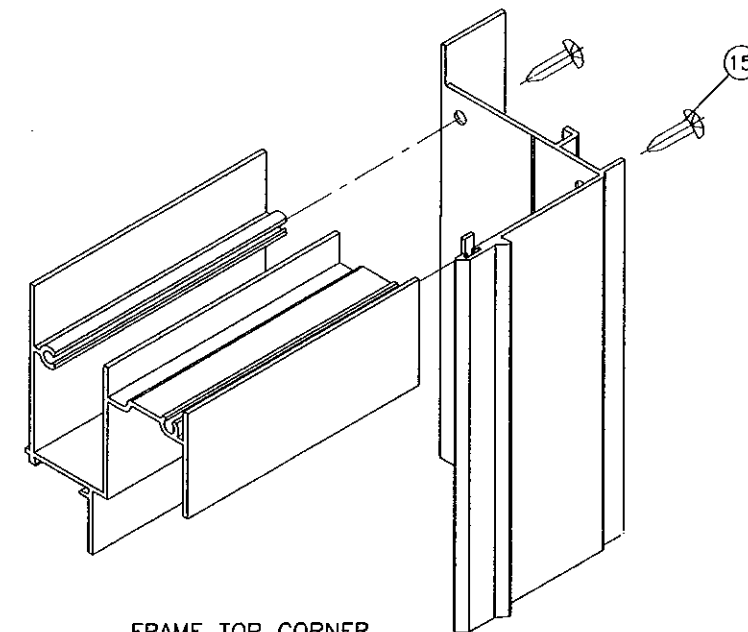
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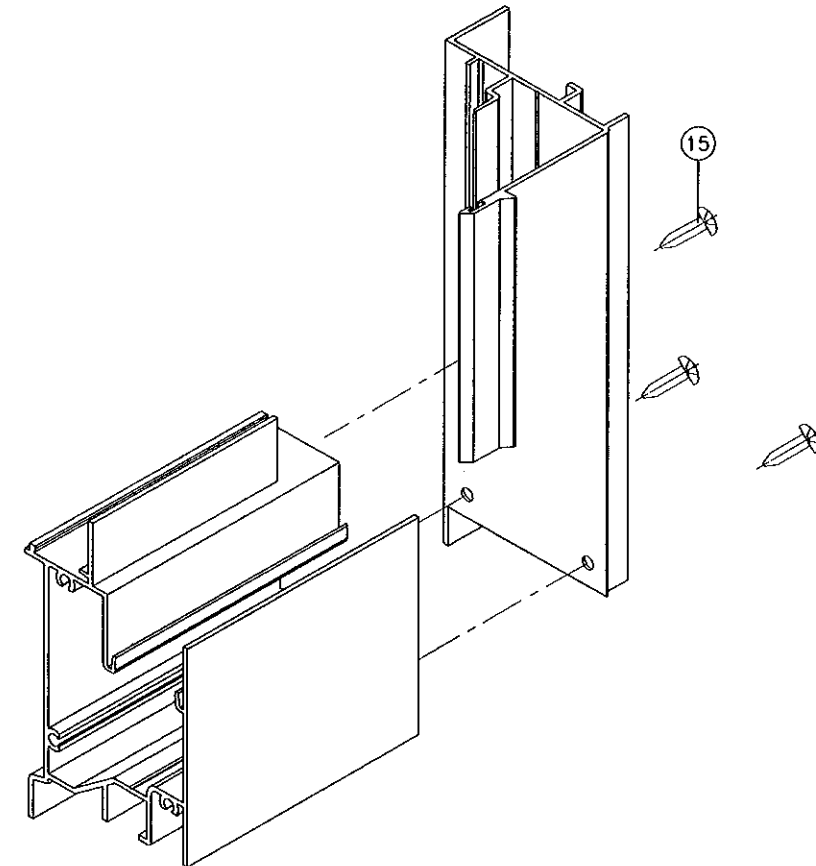
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: ARSHAD VIGAR
CIVIL
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By: *Hamid*
Miami Dade Product Control
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sheet 8 of 8

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