MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

AWP Windows and Doors, LLC
8130 NW 74th Avenue
Medley, FL 33166

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 RER - 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. RER 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 "1600 Impact View" Aluminum Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No.**W03-104**, titled "Series-1600 Impact View Alum Horiz. Sliding Wdw.", sheets 1 through 7 of 7, dated 11/18/03, with revision E dated 10/30/15, prepared by Al-Farooq Corporation, 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# 13-0326.09** 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.**

MIAMI-DADE COUNTY APPROVED

1/28/16

NOA No. 15-0130.02
Expiration Date: March 04, 2019
Approval Date: February 04, 2016

AWP Windows and Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under NOA#03-1203.02)
2. Drawing No.**W03-104**, titled "Series-1600 Impact View Alum Horiz. Sliding Wdw." sheets 1 through 7 of 7, dated 11/18/03, with revision E dated 10/30/15, 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 and TAS 202-94

   along with marked-up drawings and installation diagram of an aluminum horizontal sliding window w/insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8412**, dated 10/14/15, signed and sealed by Idalmis Ortega, 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) 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 aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3791**, dated 07/12/03, signed and sealed by Joseph Chan, P.E.
   (Submitted under NOA#03-1203.02)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) 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 Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3763**, dated 05/03/03, signed and sealed by Joseph Chan, P.E.
   (Submitted under NOA#03-1203.02)

Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0130.02
Expiration Date: March 04, 2019
Approval Date: February 04, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated August 20, 2015 and October 26, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
2. Notice of Acceptance No. **13-1126. 20** issued to **Allnex USA, Inc.** for their "**Uvekol S Laminated Glass Interlayer**", dated 02/20/14, expiring on 02/08/19.

F. STATEMENTS

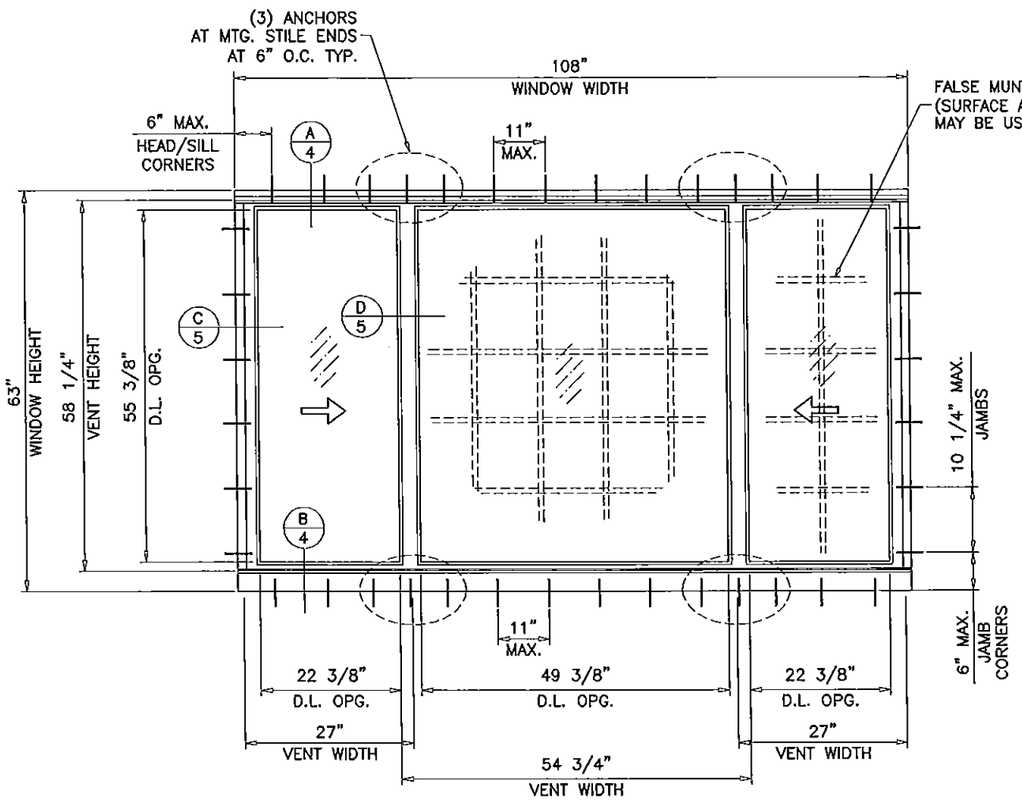
1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated October 26, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Proposal No. **14-0776** issued by the Product Control Section, dated September 8, 2014, signed by Manuel Perez, P.E.
3. Asset purchase agreement dated March 20, 2014, signed by Mr. Paul Schmitz, Chief Executive Officer and President, Trulite Intermediate Holding, LLC and Mr. Tim Morris, Jr., President and C.F.O., AWP Windows and Doors, LLC.
4. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA, dated April 20, 2015, signed by Mr. Kevin Barrett, Chief Financial Officer, Trulite Window & Door Solutions, LLC.
5. Statement letter for Name Change Request dated July 15, 2014, issued by AWP Windows and Doors, LLC, signed by Gerardo Beros, Director of Engineering.

G. OTHERS

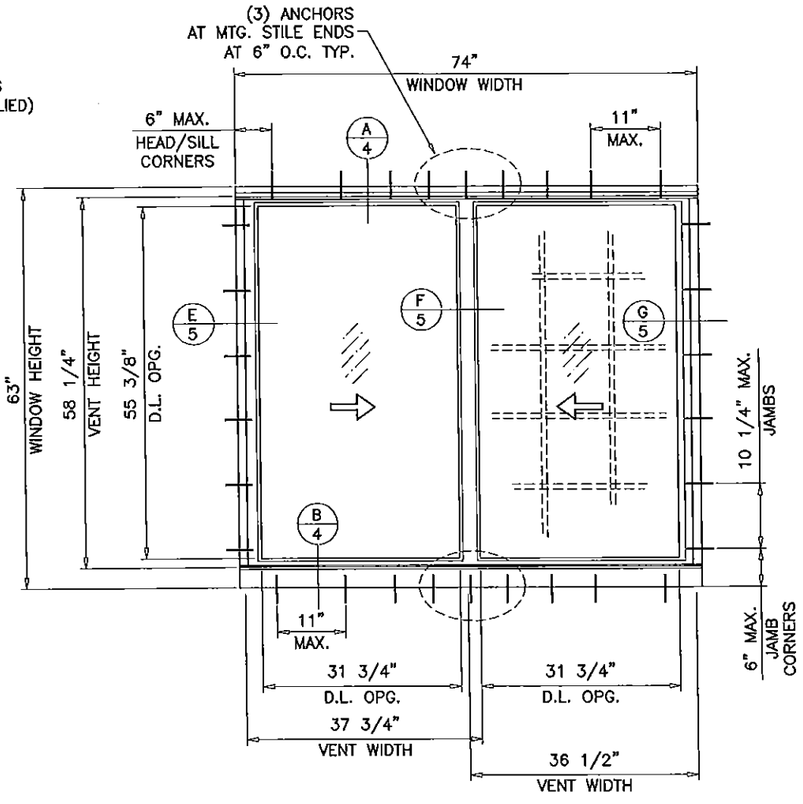
1. Notice of Acceptance No. **13-0326.09**, issued to Trulite Window & Door Solutions, LLC for their Series "1600 Impact View" Aluminum Horizontal Sliding Window – L.M.I., approved on 06/06/13 and expiring on 03/04/19.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0130.02
Expiration Date: March 04, 2019
Approval Date: February 04, 2016



'XOX'



'XO, OX OR XX'

TYPICAL ELEVATIONS

TESTED UNITS

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

SERIES–1600 IMPACT VIEW ALUMINUM HORIZONTAL SLIDING WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR H.R. WDW. WITH OTHER MIAMI–DADE COUNTY APPROVED 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 2014 (5TH EDITION) 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.

ALL SHIMS TO BE HIGH IMPACT, NON–METALLIC AND NON–COMPRESSIBLE.

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

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

JAN 20 2016

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0130.02
Expiration Date March 4, 2019
By Miami-Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP–ANL\W03–104YO

SERIES–1600 IMPACT VIEW ALUM HORIZ. SLIDING WDW.

AWP WINDOWS AND DOORS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL (305) 887–2646 FAX (305) 883–1309

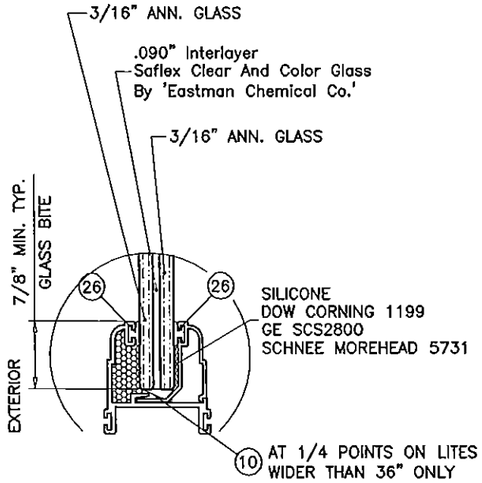
revisions:

no	date	by	description
A	01.23.04		REV. PER BCCO COMMENTS
B	11.06.08		UPDATED FOR 2007 FBC
C	09.02.10		MANUF. NAME REVISED
D	12.23.11		UPDATED TO 2010 FBC, NAME REV
E	10.30.15		GENERAL REVISION

date: 11–18–03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

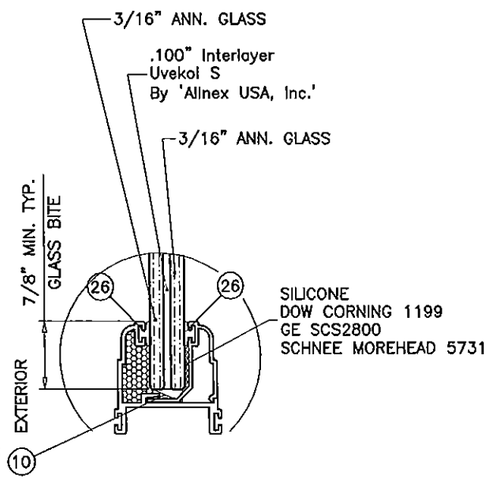
drawing no. W03–104

sheet 1 of 7



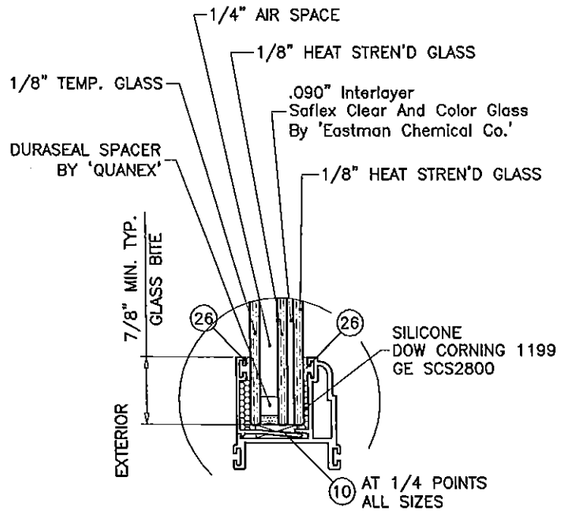
GLASS TYPE 'A'

7/16" OVERALL LAM. GLASS



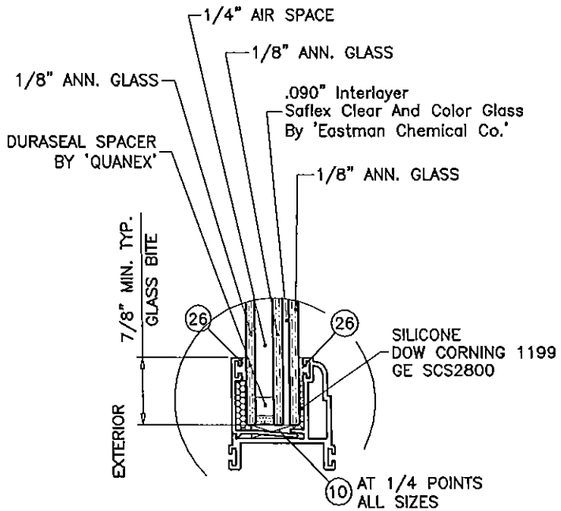
GLASS TYPE 'B'

7/16" OVERALL LAM. GLASS



GLASS TYPE 'C'

11/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'D'

11/16" OVERALL INSUL. LAM. GLASS

GLASS TYPE 'D' NOT QUALIFIED
FOR INSTALLATIONS ABOVE 30 FT.

GLAZING OPTIONS

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

JAN 20 2016

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0130.02
Expiration Date March 4, 2019
By Manuel Perez
Miami-Dade Product Control

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SERIES-1600 IMPACT VIEW ALUM HORIZ. SLIDING WDW.

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date: 11-18-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

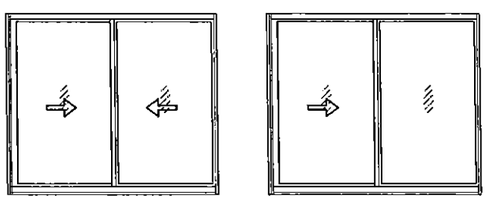
drawing no.
W03-104

sheet 2 of 7

DESIGN LOAD CAPACITY – PSF (XO, OX OR XX SIZES)

WINDOW DIMS.		A	GLASS TYPES 'A' & 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
26–1/2"	26" (3)	3	90.0	140.0	90.0	90.0	74.0	74.0
37"		5	90.0	140.0	90.0	90.0	74.0	74.0
53–1/8"		6	90.0	140.0	90.0	90.0	74.0	74.0
74"		9	90.0	140.0	90.0	90.0	74.0	74.0
26–1/2"	38–3/8" (4)	3	90.0	140.0	90.0	90.0	74.0	74.0
37"		5	90.0	140.0	90.0	90.0	74.0	74.0
53–1/8"		6	90.0	140.0	90.0	90.0	74.0	74.0
74"		9	90.0	140.0	90.0	90.0	74.0	74.0
26–1/2"	50–5/8" (5)	3	90.0	140.0	90.0	90.0	74.0	74.0
37"		5	90.0	140.0	90.0	90.0	74.0	74.0
53–1/8"		6	90.0	140.0	90.0	90.0	74.0	74.0
74"		9	90.0	124.4	90.0	90.0	74.0	74.0
26–1/2"	63" (6)	3	90.0	140.0	90.0	90.0	74.0	74.0
37"		5	90.0	137.3	90.0	90.0	74.0	74.0
53–1/8"		6	90.0	104.3	90.0	90.0	74.0	74.0
74"		9	84.9	84.9	84.9	84.9	74.0	74.0
24"	24" (3)	3	90.0	140.0	90.0	90.0	74.0	74.0
36"		5	90.0	140.0	90.0	90.0	74.0	74.0
48"		7	90.0	140.0	90.0	90.0	74.0	74.0
60"		7	90.0	140.0	90.0	90.0	74.0	74.0
72"		9	90.0	140.0	90.0	90.0	74.0	74.0
24"	36" (4)	3	90.0	140.0	90.0	90.0	74.0	74.0
36"		5	90.0	140.0	90.0	90.0	74.0	74.0
48"		7	90.0	140.0	90.0	90.0	74.0	74.0
60"		7	90.0	140.0	90.0	90.0	74.0	74.0
72"		9	90.0	140.0	90.0	90.0	74.0	74.0
24"	48" (5)	3	90.0	140.0	90.0	90.0	74.0	74.0
36"		5	90.0	140.0	90.0	90.0	74.0	74.0
48"		7	90.0	140.0	90.0	90.0	74.0	74.0
60"		7	90.0	129.6	90.0	90.0	74.0	74.0
72"		9	90.0	120.3	90.0	90.0	74.0	74.0
24"	60" (6)	3	90.0	140.0	90.0	90.0	74.0	74.0
36"		5	90.0	131.5	90.0	90.0	74.0	74.0
48"		7	90.0	118.2	90.0	90.0	74.0	74.0
60"		7	90.0	103.4	90.0	90.0	74.0	74.0
72"		9	90.0	93.3	90.0	90.0	74.0	74.0

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



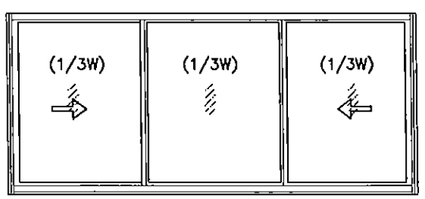
LEFT AND RIGHT VENTS TO BE OF EQUAL GLASS DLO WIDTHS

'XX' 'XO OR OX'

DESIGN LOAD CAPACITY – PSF (XOX SIZES)

WINDOW DIMS.		A	GLASS TYPES 'A' & 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
74" 106–1/4" 111"	26" (3)	11	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
74" 106–1/4" 111"	38–3/8" (4)	11	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	134.3	90.0	90.0	74.0	74.0
		14	90.0	139.1	90.0	90.0	74.0	74.0
74" 106–1/4" 111"	50–5/8" (5)	11	90.0	131.2	90.0	90.0	74.0	74.0
		14	90.0	106.6	–	–	74.0	74.0
		14	90.0	110.6	–	–	74.0	74.0
74" 106–1/4" 111"	63" (6)	11	90.0	110.0	90.0	90.0	74.0	74.0
		14	86.9	86.9	–	–	74.0	74.0
		14	84.9	84.9	–	–	–	–
72" 84" 96" 108" 111"	24" (2)	11	90.0	140.0	90.0	90.0	74.0	74.0
		11	90.0	140.0	90.0	90.0	74.0	74.0
		11	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
72" 84" 96" 108" 111"	36" (3)	11	90.0	140.0	90.0	90.0	74.0	74.0
		11	90.0	140.0	90.0	90.0	74.0	74.0
		11	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
72" 84" 96" 108" 111"	48" (4)	11	90.0	140.0	90.0	90.0	74.0	74.0
		11	90.0	132.6	90.0	90.0	74.0	74.0
		11	90.0	125.3	90.0	90.0	74.0	74.0
		14	90.0	119.4	–	–	74.0	74.0
		14	90.0	115.7	–	–	74.0	74.0
72" 84" 96" 108" 111"	60" (5)	11	90.0	116.0	90.0	90.0	74.0	74.0
		11	90.0	108.1	90.0	90.0	74.0	74.0
		11	90.0	99.5	–	–	74.0	74.0
		14	90.0	93.3	–	–	74.0	74.0
		14	90.0	92.0	–	–	74.0	74.0
72" 84" 96" 108" 111"	61–1/4" (5)	11	90.0	116.7	90.0	90.0	74.0	74.0
		11	90.0	104.8	–	–	74.0	74.0
		11	90.0	96.3	–	–	74.0	74.0
		14	90.0	90.2	–	–	74.0	74.0
		14	88.9	88.9	–	–	74.0	74.0

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



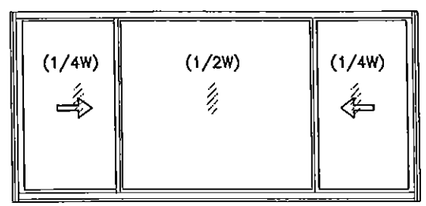
OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'

DESIGN LOAD CAPACITY – PSF (XOX SIZES)

WINDOW DIMS.		A	GLASS TYPES 'A' & 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
74" 106–1/4" 111"	26" (3)	10	90.0	140.0	90.0	90.0	74.0	74.0
		13	90.0	140.0	90.0	90.0	74.0	74.0
		13	90.0	140.0	90.0	90.0	74.0	74.0
74" 106–1/4" 111"	38–3/8" (4)	10	90.0	140.0	90.0	90.0	74.0	74.0
		13	90.0	131.7	90.0	90.0	74.0	74.0
		13	90.0	136.9	90.0	90.0	74.0	74.0
74" 106–1/4" 111"	50–5/8" (5)	10	90.0	123.3	90.0	90.0	74.0	74.0
		13	90.0	102.4	90.0	90.0	–	–
		13	90.0	106.5	90.0	90.0	–	–
74" 106–1/4" 111"	63" (6)	10	90.0	104.9	90.0	90.0	69.2	69.2
		13	87.0	87.0	87.0	87.0	–	–
		13	85.6	85.6	85.6	85.6	–	–
72" 84" 96" 108" 111"	24" (2)	10	90.0	140.0	90.0	90.0	74.0	74.0
		10	90.0	140.0	90.0	90.0	74.0	74.0
		13	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
72" 84" 96" 108" 111"	36" (3)	10	90.0	140.0	90.0	90.0	74.0	74.0
		10	90.0	140.0	90.0	90.0	74.0	74.0
		13	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
		14	90.0	140.0	90.0	90.0	74.0	74.0
72" 84" 96" 108" 111"	48" (4)	10	90.0	133.5	90.0	90.0	74.0	74.0
		10	90.0	125.9	90.0	90.0	74.0	74.0
		13	90.0	120.0	90.0	90.0	74.0	74.0
		14	90.0	115.2	90.0	90.0	–	–
		14	90.0	111.9	90.0	90.0	–	–
72" 84" 96" 108" 111"	60" (5)	10	90.0	108.0	90.0	90.0	74.0	74.0
		10	90.0	102.1	90.0	90.0	–	–
		13	90.0	97.5	90.0	90.0	–	–
		14	90.0	93.8	90.0	90.0	–	–
		14	90.0	91.1	90.0	90.0	–	–
72" 84" 96" 108" 111"	61–1/4" (5)	10	90.0	111.4	90.0	90.0	73.8	73.8
		10	90.0	101.7	90.0	90.0	–	–
		13	90.0	95.2	90.0	90.0	–	–
		14	90.0	91.0	90.0	90.0	–	–
		14	90.0	90.2	90.0	90.0	–	–

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 E1300–09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05–DEC–219

PRODUCT REVISED 'XOX' complying with the Florida Building Code
Acceptance No 15-0130.02
Expiration Date March 4, 2019
By Miami-Dade Product Control

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

JAN 2 0 2016

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP–ANL \ W03–104YO

SERIES–1600 IMPACT VIEW ALUM HORIZ. SLIDING WDW.

AWP WINDOWS AND DOORS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887–2646 FAX (305) 883–1309

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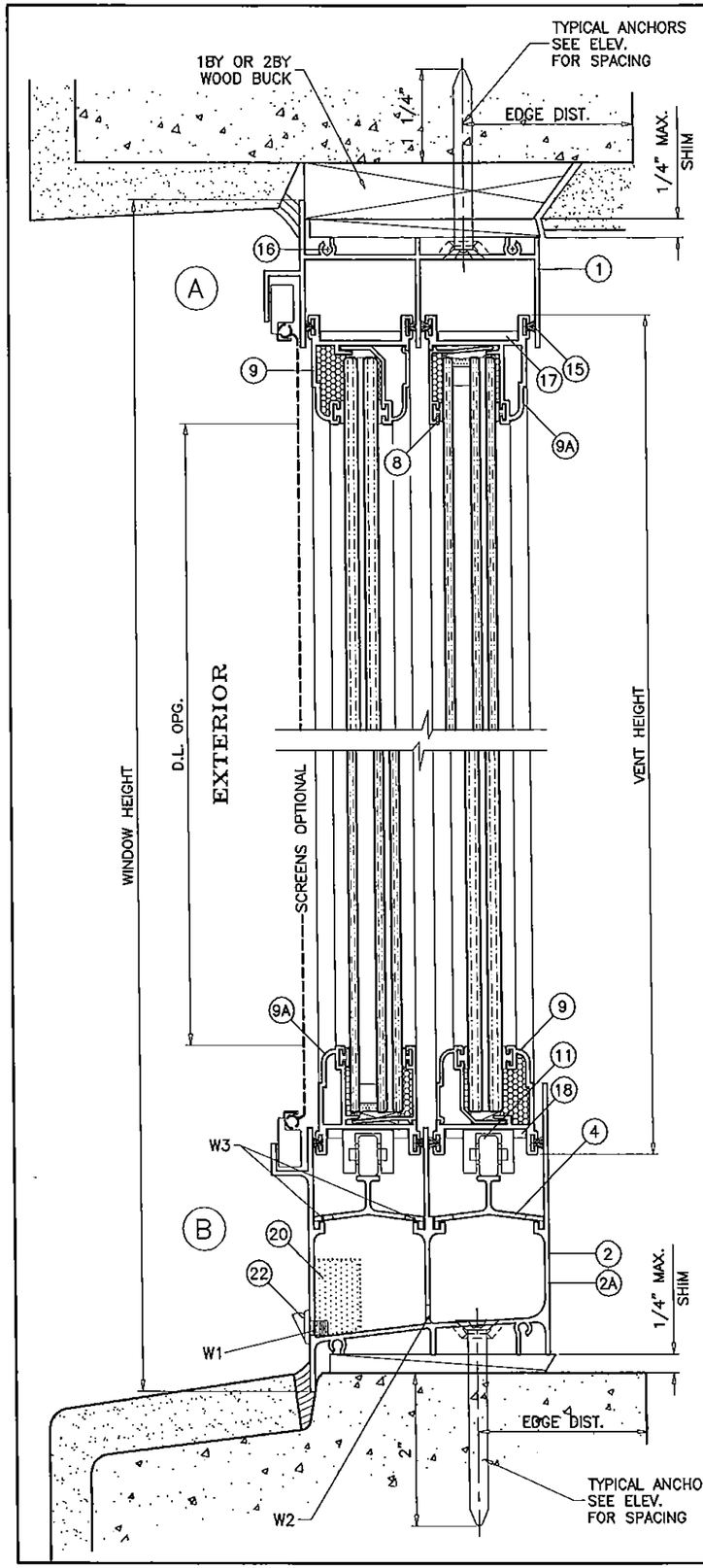
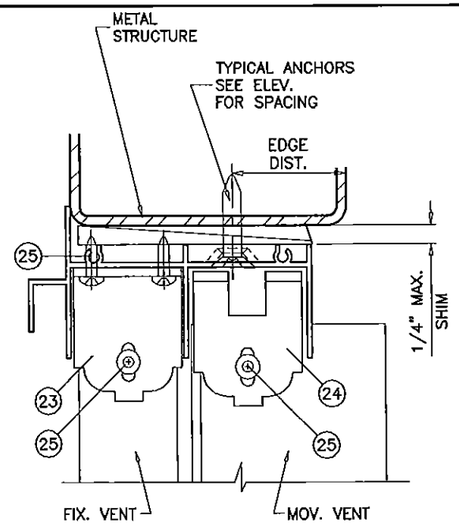
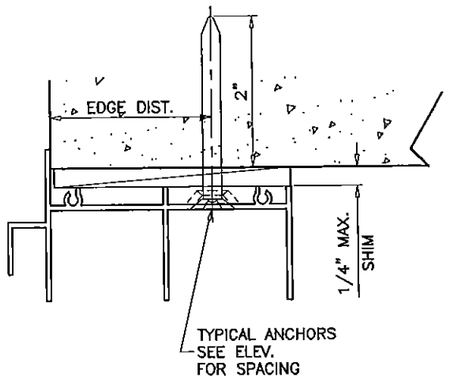
date: 11–18–03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

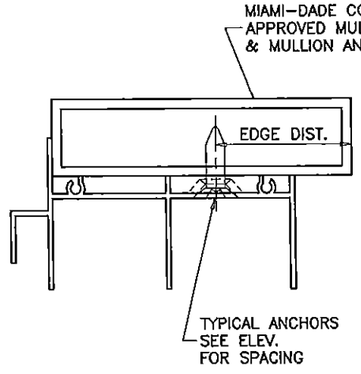
drawing no. W03–104

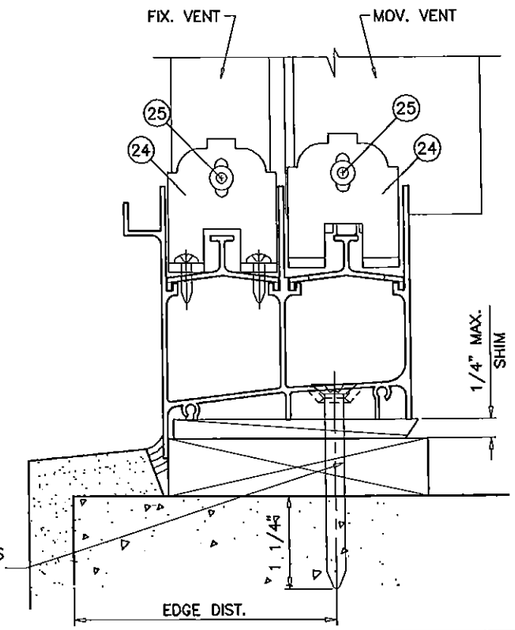
sheet 3 of 7











WOOD BUCKS AND METAL STRUCTURE NOT BY AWP WINDOWS 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 = 1-5/8" X 1/4" WEEPHOLES AT 12" FROM EACH END WITH PLASTIC BAFFLE

W2 = 3/4" X 5/8" WEEPHOLE AT EACH END

W3 = 1-1/4" X 1/4" WEEPHOLES AT 16-1/2" FROM EACH END

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY
2" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

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)

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

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
(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.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 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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CMIL
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JAN 20 2016

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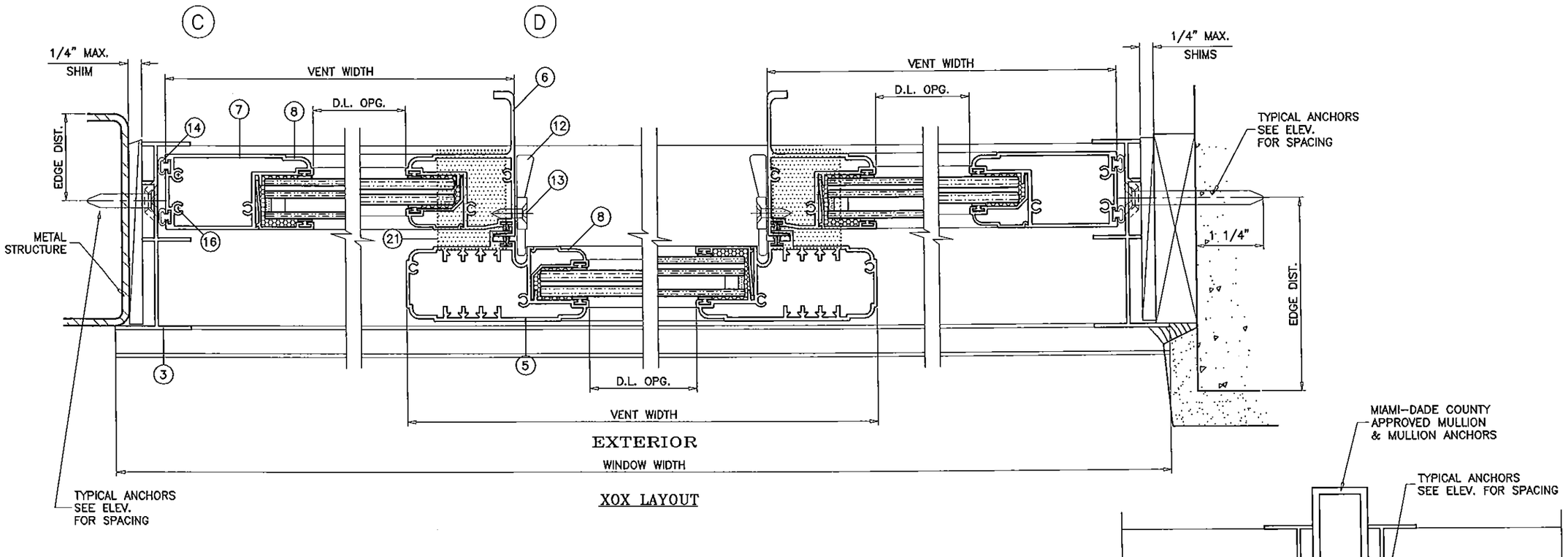
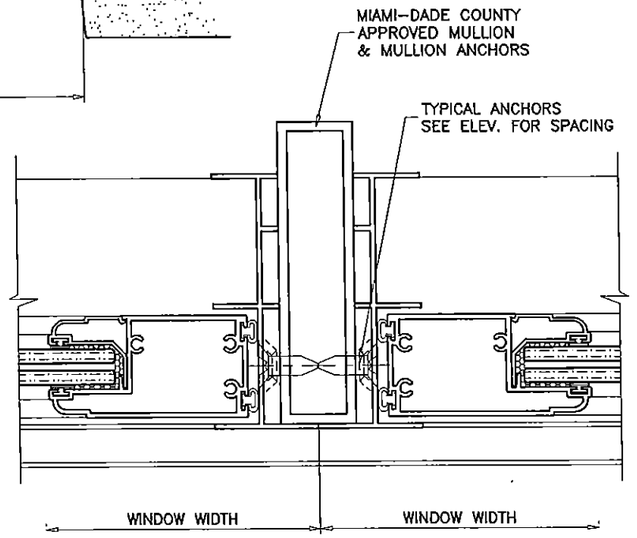
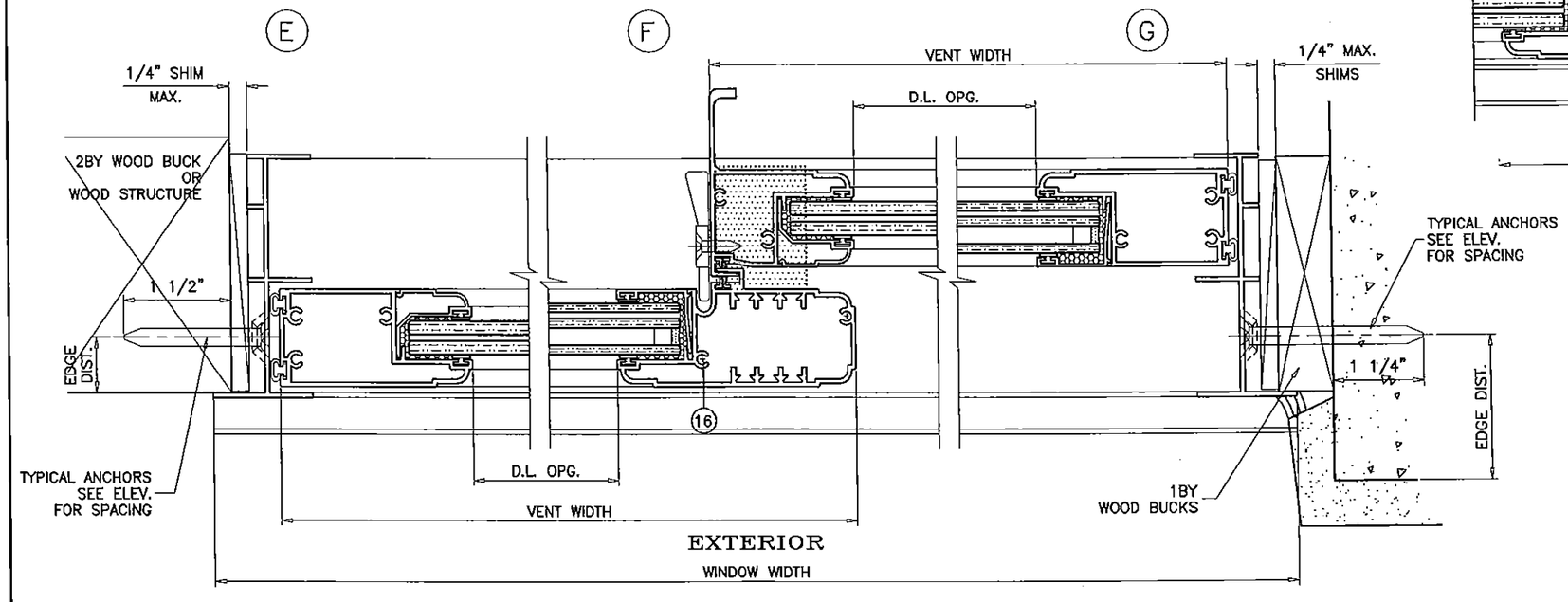
sheet 4 of 7



XOX LAYOUT





XX LAYOUT

Engr: JAVAD AHMAD
CIVIL
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JAN 2 0 2016

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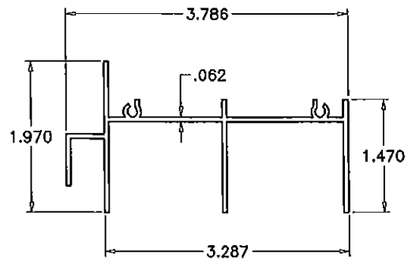
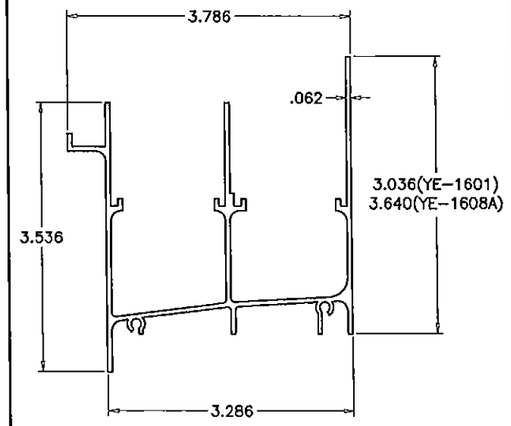
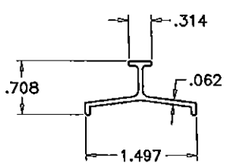


(1) FRAME HEAD



(2) FRAME SILL



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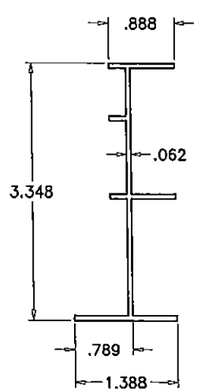
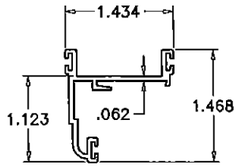
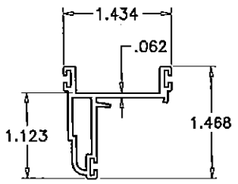


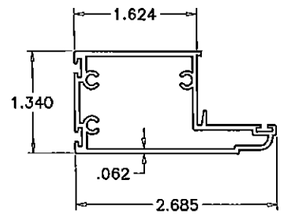
(3) FRAME JAMB



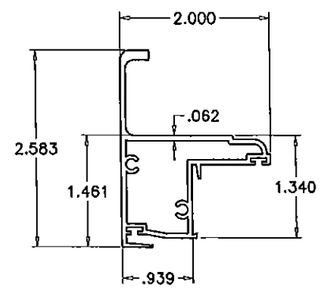
(9) VENT TOP/BOTTOM RAIL (LAM. GLASS)



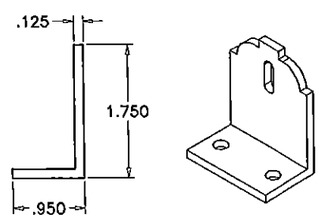
(9A) VENT TOP/BOTTOM RAIL (INSUL. LAM. GLASS)



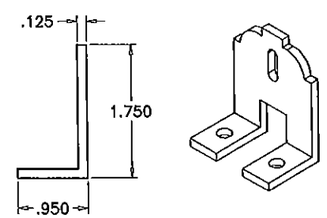
(7) JAMB STILE



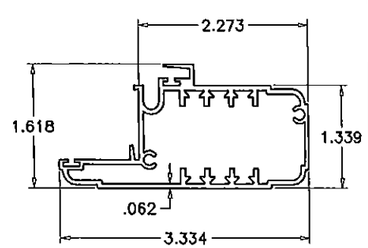
(6) MEETING RAIL



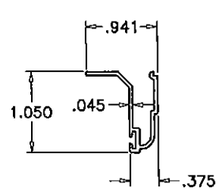
(23) FIXED VENT CLIP



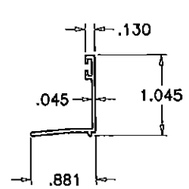
(24) MOV. VENT GUIDE



(5) FIXED MTG. RAIL



(8) GLAZING BEAD (LAM. GLASS)



(8A) GLAZING BEAD (INSUL. LAM. GLASS)

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-1600	1	FRAME HEAD	6063-T6	–
2	YE-1601	1	FRAME SILL	6063-T6	–
2A	YE-1608A	1	ALT. FRAME SILL	6063-T6	–
3	YE-1602	1	FRAME JAMB	6063-T6	–
4	YE-1605	1	SILL TRACK INSERT	6063-T6	–
5	YE-1603	1/ VENT	FIXED RAIL	6063-T6	–
6	YE-1704	1/ VENT	VENT MEETING RAIL	6063-T6	–
7	YE-1604	1/ VENT	JAMB STILE	6063-T6	–
8	YE-1707	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T5	–
8A	AWP-YE-1617	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	–
9	YE-1706	2/ VENT	TOP AND BOTTOM RAIL (LAM. GLASS)	6063-T6	–
9A	YE-1706R	2/ VENT	TOP AND BOTTOM RAIL (INSUL. LAM. GLASS)	6063-T6	–
10	–	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
11	YH-1605	2/ VENT	BRASS ROLLERS IN NYLON HOUSING, AT 2-1/4" FROM EACH END	–	AWP, FASTENED W/ (3) #6 X 1/4" PH SMS
12	YH-715	2/ VENT	VENT LATCH	ZAMAK	AT 10-1/2" FROM TOP AND BOTTOM
13	YF-14	2/ LATCH	VENT LATCH SCREWS	–	(2) #10 X 3/4" OH SMS
14	YH-622	AS REQD.	BULB W'STRIPPING, DUROMETER 75±5 SHORE A	VINYL	SULLIVAN & SULLIVAN
15	YH-602	AS REQD.	FIN SEAL W'STRIPPING	–	ULTRAFAB
16	YF-10	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	#8 X 1" P.H. SMS
17	YH-1602	2/VENT	TOP GUIDE	VINYL	AWP
18	YH-1603	2/VENT	BOTTOM GUIDE	STEEL	AWP
19	YF-71	2/ GUIDE	GUIDE SCREWS	–	SMS
20	YH-1601	1/ WEEP	OPEN CELL FOAM PAD (1" X 1" X 3/4")	–	AWP
21	YH-1604	–	OPEN CELL FOAM PAD (1-1/4" X 1/4" X 1-3/4")	–	AWP
22	YH-1606	2	WEEPHOLE COVERS	–	AWP
23	YH-1602	AS REQD.	FIXED VENT CLIP	6063-T5	AWP
24	YH-1603	AS REQD.	MOV. VENT GUIDE	6063-T5	AWP
25	YF-71	AS REQD.	GUIDE SCREWS	CRS	#8 X 1" P.H. SMS
26	YH-1622	AS REQD.	GLAZING GASKET, DUROMETER 70±5 SHORE A	VINYL	–

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sheet 6 of 7

FRAME TOP CORNER

VENT TOP/BOTTOM CORNERS

FRAME BOTTOM CORNER

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