



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Sol-A-Trol Aluminum Products

4101 NW 132nd Street
Opa Locka, FL 33054

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 "3000/ 3062" Aluminum Projected-Out Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W08-72, titled "Series S-3000/ 3062 Alum. Projected Wdw. (L.M.I.)" Sheets 1 thru 11 of 11, dated 08/01/08 with revision "C" dated 05/06/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section 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, 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 and renews NOA No. 09-0518.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.



*J. Gascon
6/26/13*

NOA No. 13-0206.13
Expiration Date: June 22, 2018
Approval Date: July 04, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 09-0518.06)
2. Drawing No. W08-72, titled "Series S-3000/ 3062 Alum. Projected Wdw. (L.M.I.)" Sheets 1 thru 11 of 11, dated 08/01/08 with revision "C" dated 05/06/13, 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of aluminum projected-out window, prepared by Hurricane Engineering & Testing Inc., Test Reports No.'s **HETI-08-2089A, HETI-08-2081, HETI-07-4388, HETI-07-4389, HETI-08-2234, HETI-08-2205A and HETI-08-2153A**, dated 02/20/08, 07/25/08, 11/10/08 and 12/30/08, all signed and sealed by Candido F. Font, P. E.
(Submitted under previous NOA No. 09-0518.06)
2. Test reports on:
 - 1) Large Missile Impact Test, per FBC, TAS 202-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 202-94along with marked-up drawings and installation diagram of aluminum projected-out window, prepared by Hurricane Engineering & Testing Inc., Test Reports No.'s **HETI-08-2089B, HETI-07-4387, HETI-08-2085, HETI-07-4397, HETI-07-4396, HETI-08-2233, HETI-08-2205B, HETI-08-2206, HETI-08-2207 and HETI-08-2153B**, dated 02/20/08, 07/25/08, 11/10/08 and 12/30/08, all signed and sealed by Candido F. Font, P. E.
(Submitted under previous NOA No. 09-0518.06)
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 202-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 202-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of aluminum projected window of XXO configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2390**, dated 08/13/99, signed and sealed by Jose D. Mitrani, P. E.
(Submitted under previous NOA No. 00-0320.06)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0206.13
Expiration Date: June 22, 2018
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Sol-A-Trol Aluminum Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 07/27/12, signed and sealed by Javad Ahmad, P. E.
2. **Glazing complies with ASTM E1300-04**

D. QUALITY ASSURANCE

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

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. **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.
3. Notice of Acceptance No. **12-1231.08** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.
4. Notice of Acceptance No. **12-1231.09** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 03/28/13, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by Al-Farooq Corporation, dated 07/20/12, signed and sealed by Javad Ahmad, P. E.
2. Laboratory addendum letter for Test Report No. **HETI-08-2089A**, issued by Hurricane Engineering & Testing, Inc., dated 07/25/08, signed and sealed by Candido F. Font, P. E.
(Submitted under previous NOA No. 09-0518.06)
3. Laboratory compliance letter for Test Reports No.'s **HETI-08-2089A, HETI-08-2081, HETI-07-4388, HETI-07-4389, HETI-08-2234, HETI-08-2153A, HETI-08-2089B, HETI-07-4387, HETI-08-2085, HETI-07-4397, HETI-07-4396, HETI-08-2233, HETI-08-2205B, HETI-08-2206, HETI-08-2207, HETI-08-2205A and HETI-08-2153B**, issued by Hurricane Engineering & Testing, Inc., dated 02/20/08, 07/25/08, 11/10/08 and 12/30/08, signed and sealed by Candido F. Font, P. E.
(Submitted under previous NOA No. 09-0518.06)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0206.13
Expiration Date: June 22, 2018
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Sol-A-Trol Aluminum Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

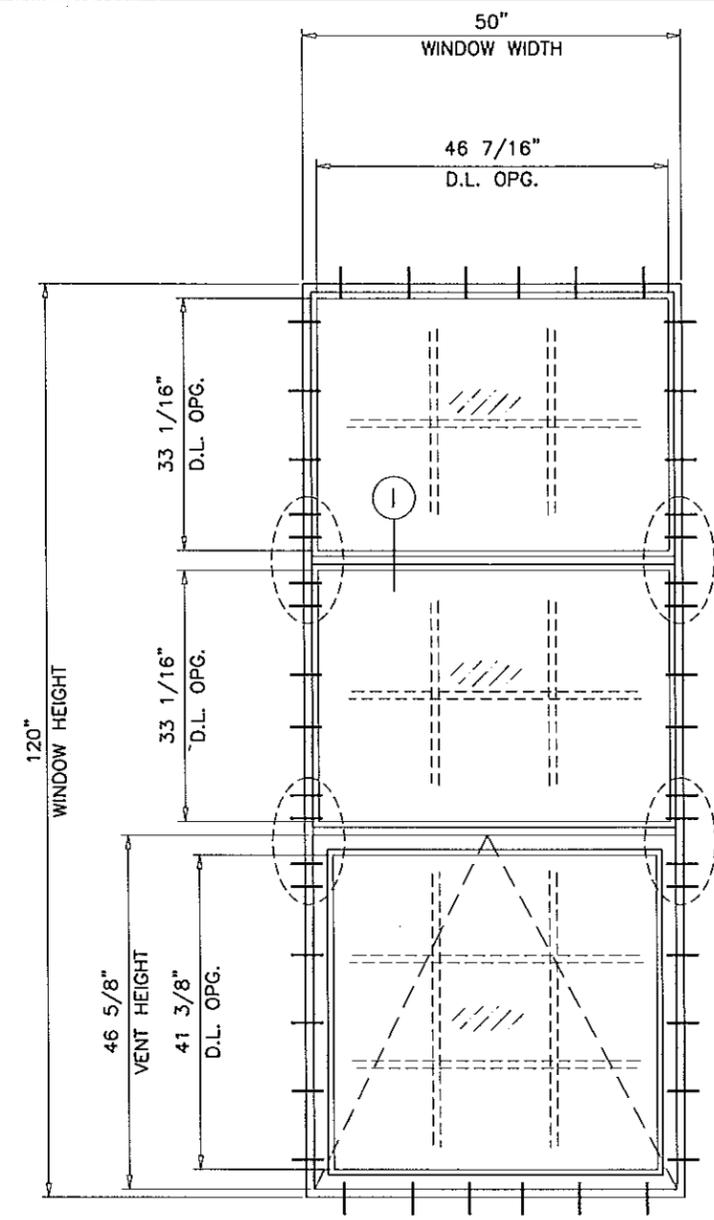
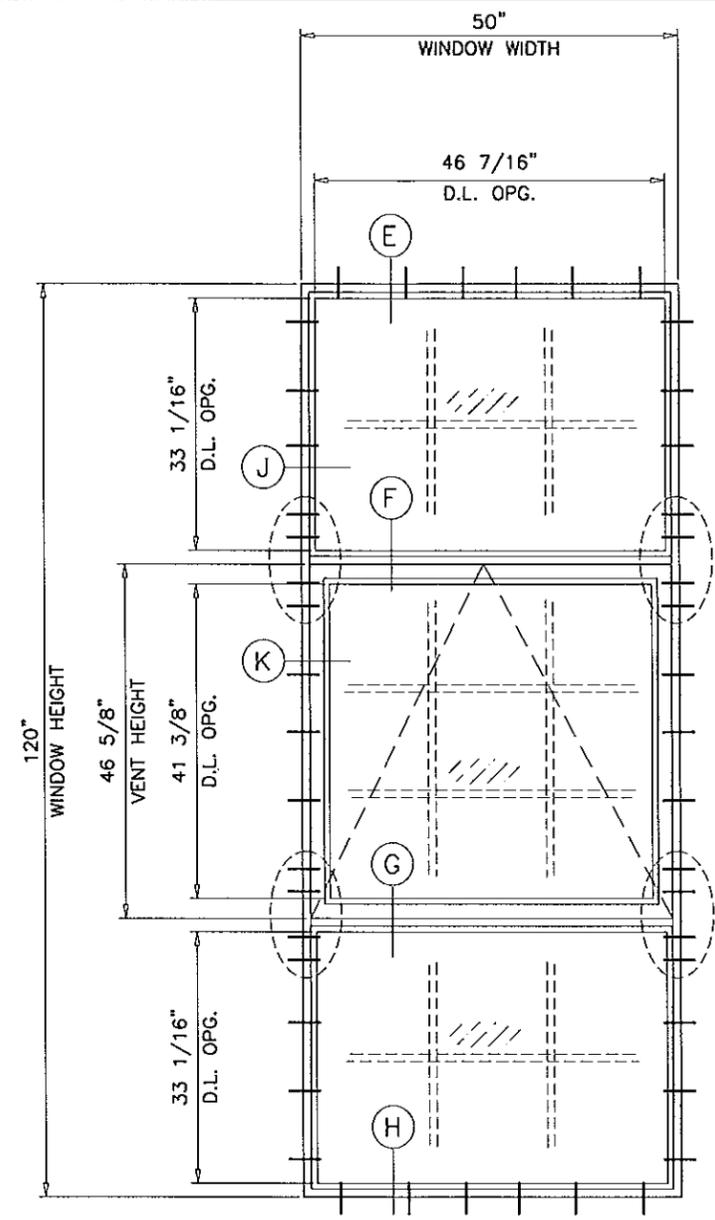
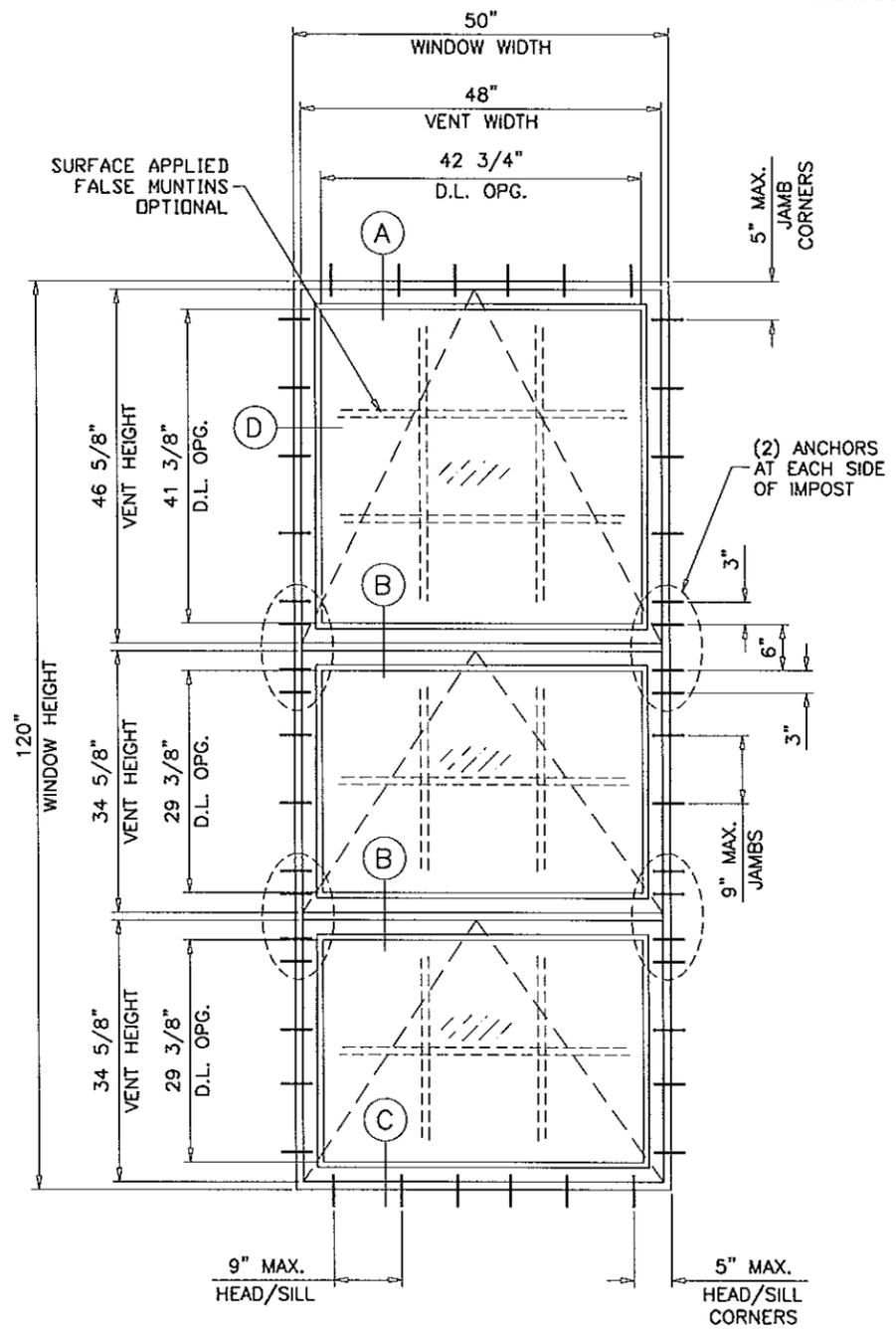
4. Department of State Certification of **SOL-A-TROL ALUMINUM PRODUCTS, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 12/28/06 and signed by Kurt S. Browning, Secretary of State.
(Submitted under previous NOA No. 08-0624.02)
5. Laboratory compliance letter for Test Report No. **FTL-2390**, issued by Fenestration Testing Laboratory, Inc., dated 08/18/99, signed and sealed by Jose D. Mitrani, P. E.
(Submitted under previous NOA No. 00-0320.06)

G. OTHERS

1. Notice of Acceptance No. **09-0518.06**, issued to Sol-A-Trol Aluminum Products, Inc. for their Series "**3000/ 3062 Aluminum Projected-Out Window - L.M.I.**", approved on 07/08/09 and expiring on 06/22/13.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0206.13
Expiration Date: June 22, 2018
Approval Date: July 04, 2013



TYPICAL ELEVATIONS

SERIES-3062/3000
ALUMINUM PROJECTED WINDOW

SEE SHEETS 2 THRU 4 FOR DESIGN LOAD RATINGS.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF PROJECTED/PROJECTED OR PROJECTED WDW. 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.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **13-0206.13**
Expiration Date **26/22/2018**

By *[Signature]*
Miami Dade Product Control

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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JUN 25 2013

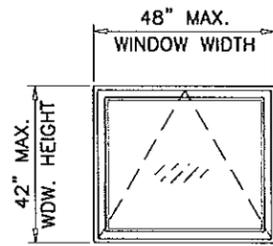
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-72SAT

S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
SOL-A-TROL ALUMINUM PRODUCTS
4101 N.W. 132ND STREET
MIAMI, FL. 33054
TEL. (305) 681-2020 FAX. (305) 681-2035

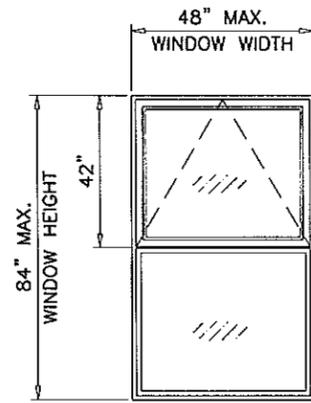
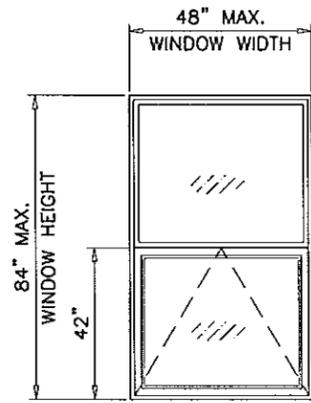
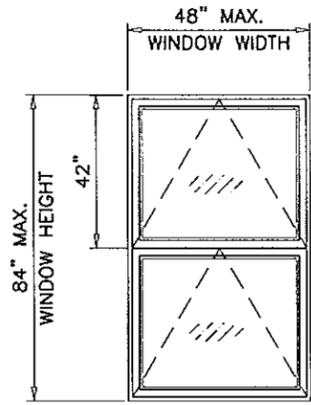
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B	07.31.12	UPDATED TO 2010 FBC
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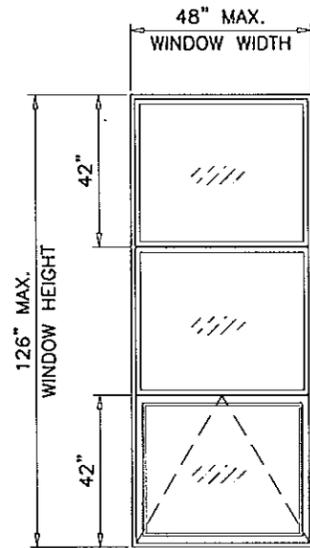
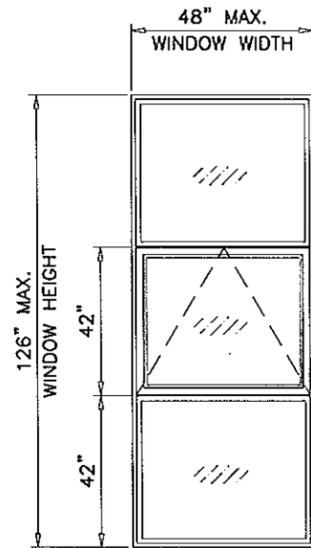
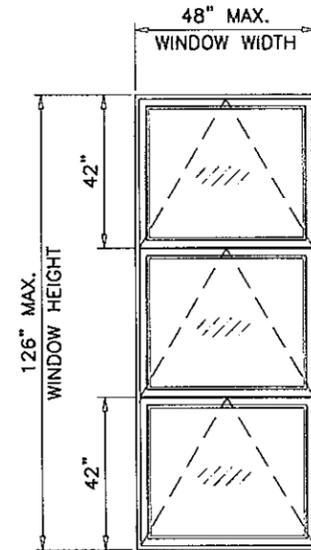
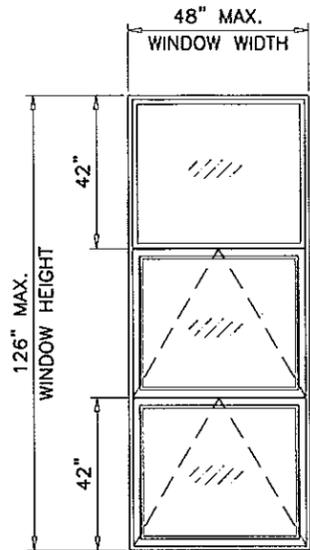
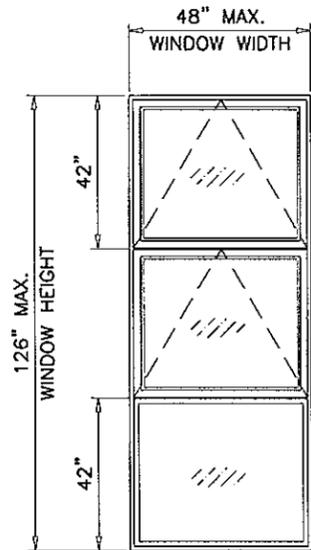
drawing no.
W08-72
sheet 1 of 11



MAX. DESIGN LOAD RATING = + 80.0
 GLASS TYPES = 80.0 PSF
 'A', 'B', 'D', 'F', 'G', & 'H'



MAX. DESIGN LOAD RATING = + 80.0
 GLASS TYPES = 80.0 PSF
 'A', 'B', 'D', 'F', 'G', & 'H'



MAX. DESIGN LOAD RATING = + 80.0
 GLASS TYPES = 80.0 PSF
 'A', 'B', 'D', 'F', 'G', & 'H'

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

APPROVED CONFIGURATIONS
 SERIES-3062

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 13-0206.13
 Expiration Date 06/22/2018
 By: *[Signature]*
 Miami Dade Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
[Signature]
 JUN 25 2013

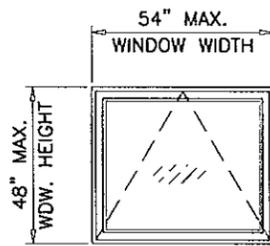
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AL-FAROOQ CORPORATION
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 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W08-72SAT

S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
SOL-A-TROL ALUMINUM PRODUCTS
 4101 N.W. 132ND STREET
 MIAMI, FL. 33054
 TEL. (305) 681-2020 FAX. (305) 681-2035

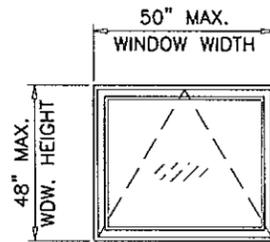
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C	05.06.13		NO CHANGE THIS SHEET

date: 08-01-08
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

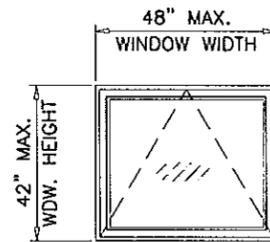
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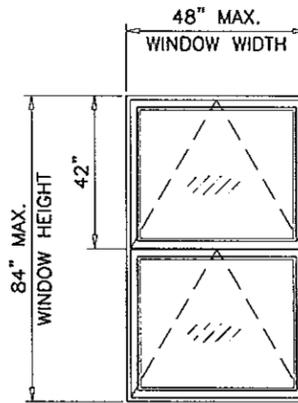
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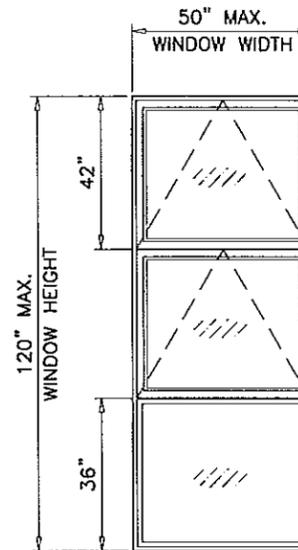
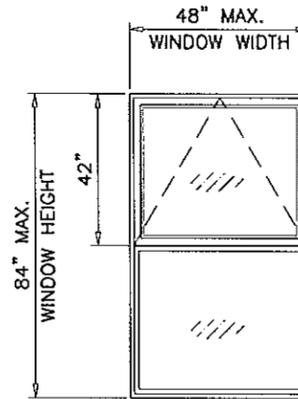
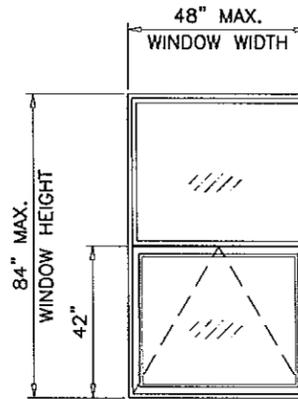
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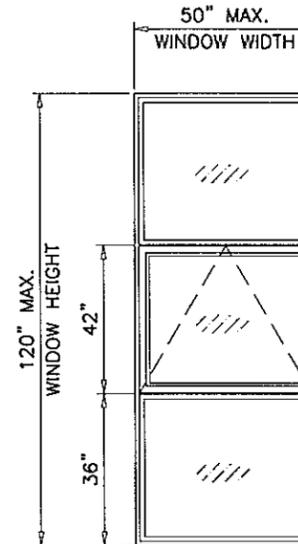
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GLASS TYPES 'D' & 'F' - 100.0 PSF
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GLASS TYPES 'A' & 'B' - 80.0 PSF



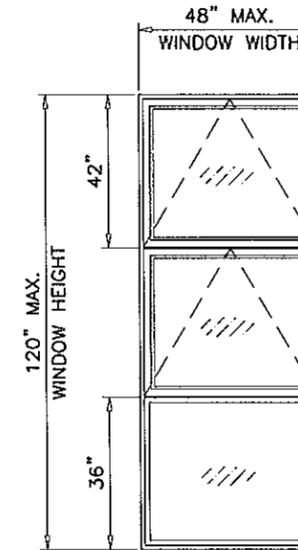
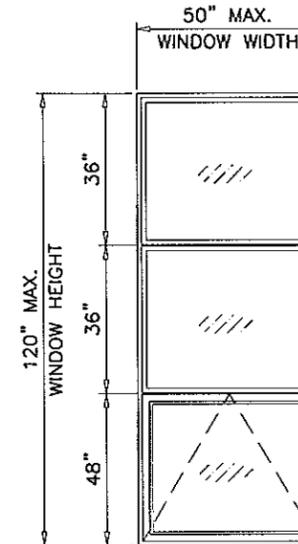
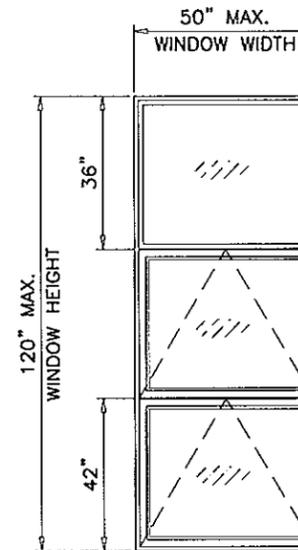
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GLASS TYPES 'G' & 'H' - 95.0 PSF
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GLASS TYPES 'A' & 'B' - 80.0 PSF



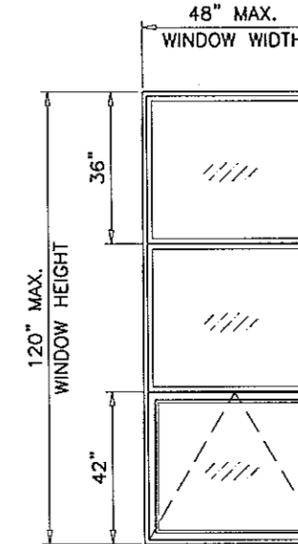
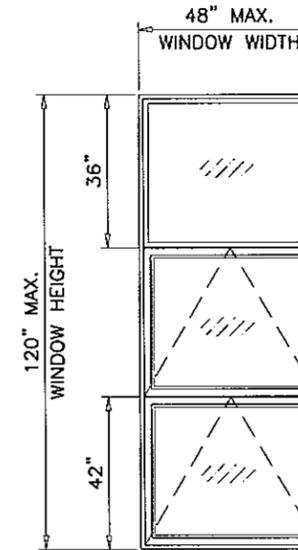
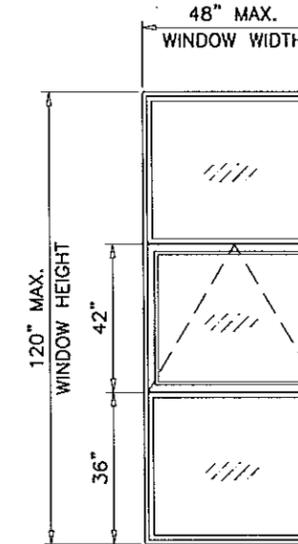
MAX. DESIGN LOAD RATING = + 80.0
GLASS TYPE 'F' - 90.0 PSF
MAX. DESIGN LOAD RATING = + 75.0
GLASS TYPES 'G' & 'H' - 95.0 PSF



APPROVED CONFIGURATIONS
SERIES-3000



MAX. DESIGN LOAD RATING = + 100.0
GLASS TYPES 'D' & 'F' - 100.0 PSF
MAX. DESIGN LOAD RATING = + 80.0
GLASS TYPES 'A' & 'B' - 80.0 PSF



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

PRODUCT RENEWED
as complying with the Florida
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Acceptance No. 13-0206.13
Expiration Date 06/22/2018
By: [Signature]
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JUN 25 2013

NOTE:
FOR STACKED WINDOW WITH EQUAL LITES
USE SMALLEST VENT HEIGHT SHOWN ABOVE.

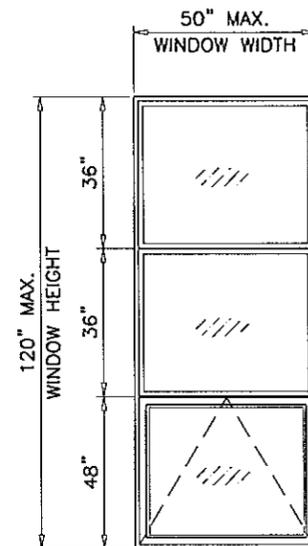
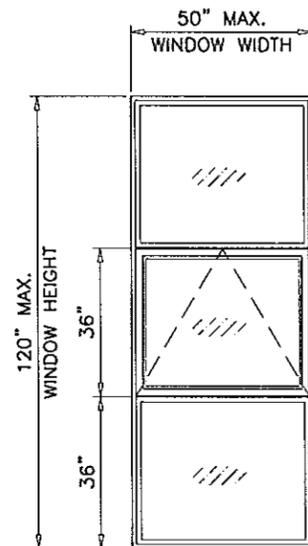
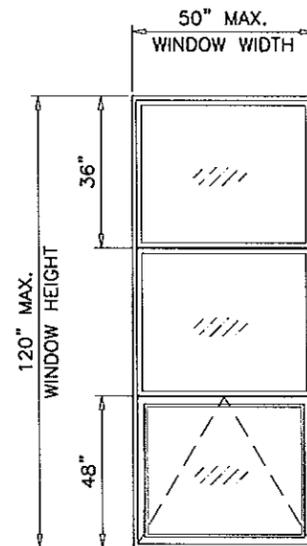
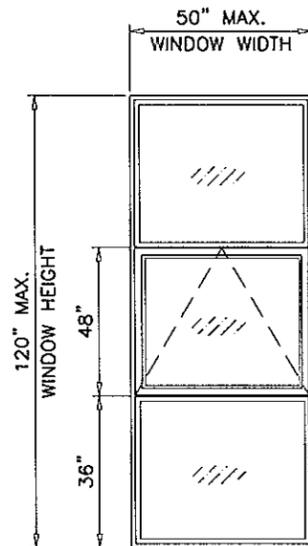
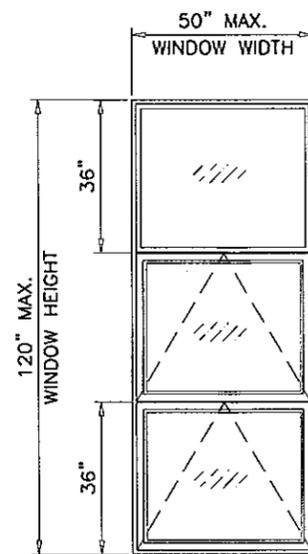
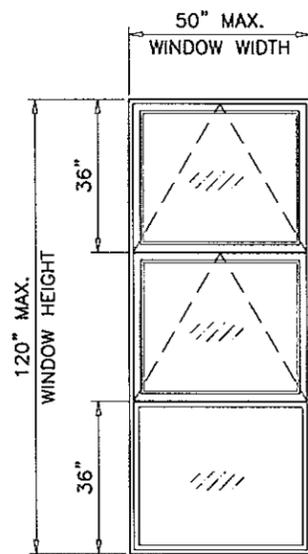
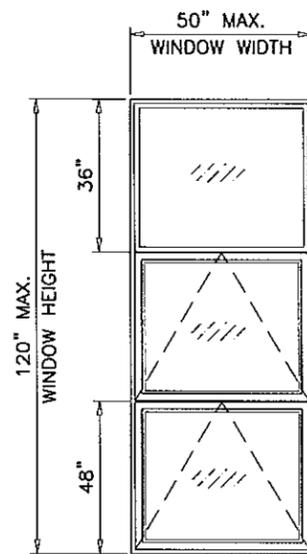
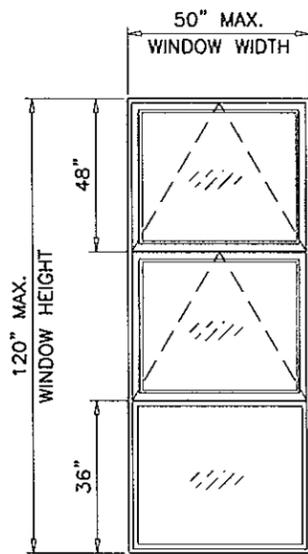
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-72SAT

S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
SOL-A-TROL ALUMINUM PRODUCTS
4101 N.W. 132ND STREET
MIAMI, FL. 33054
TEL. (305) 681-2020 FAX. (305) 681-2035

no	date	description
A	06.12.09	NO CHANGE THIS SHEET
B	07.31.12	UPDATED TO 2010 FBC
C	05.06.13	NO CHANGE THIS SHEET

date: 08-01-08
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-72
sheet 3 of 11



MAX. DESIGN LOAD RATING = + 80.0
GLASS TYPES 'D' & 'F' - 90.0 PSF

MAX. DESIGN LOAD RATING = + 100.0
GLASS TYPES 'D' & 'F' - 100.0 PSF

MAX. DESIGN LOAD RATING = + 75.0
GLASS TYPES 'G' & 'H' - 95.0 PSF

APPROVED CONFIGURATIONS
SERIES-3000

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **13-0206.13**
Expiration Date **06/22/2018**
By *[Signature]*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
[Signature]
JUN 25 2013

NOTE:
FOR STACKED WINDOW WITH EQUAL LITES
USE SMALLEST VENT HEIGHT SHOWN ABOVE.

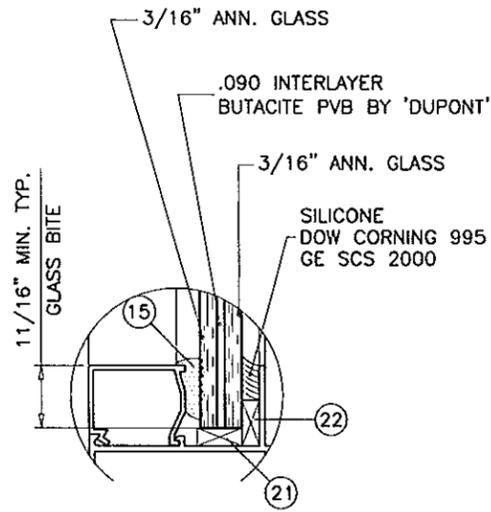
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-72SAT

S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
SOL-A-TROL ALUMINUM PRODUCTS
4101 N.W. 132ND STREET
MIAMI, FL. 33054
TEL. (305) 681-2020 FAX. (305) 681-2035

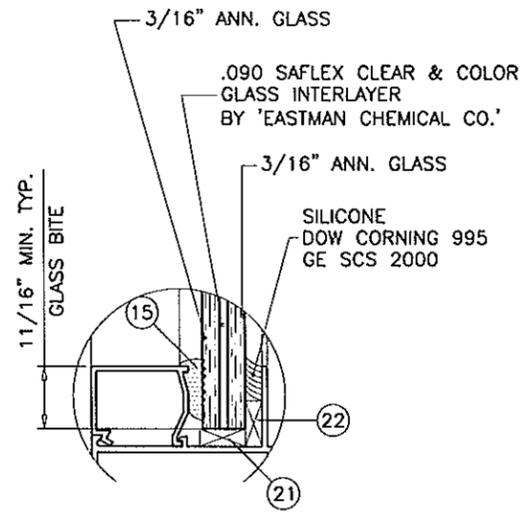
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chk. by:

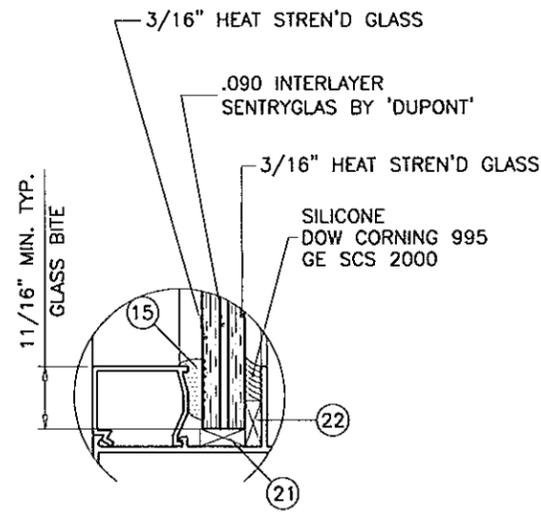
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W08-72
sheet 4 of 11



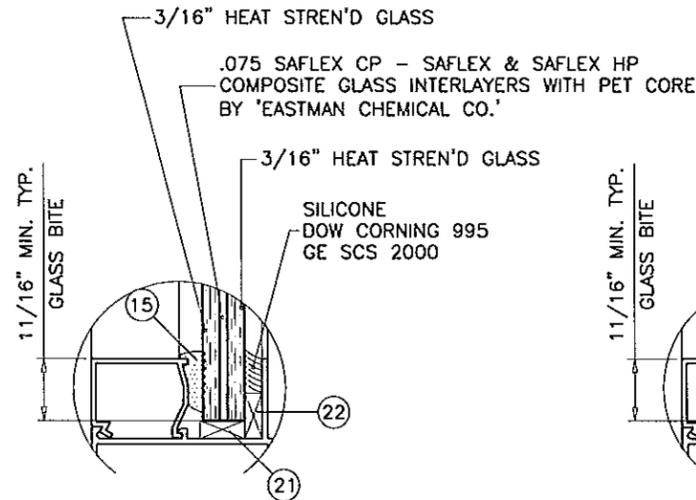
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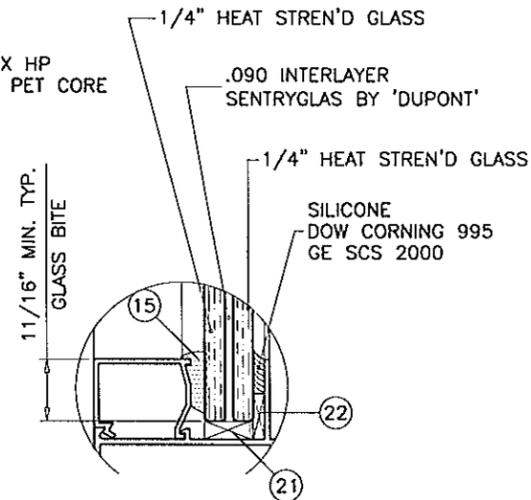
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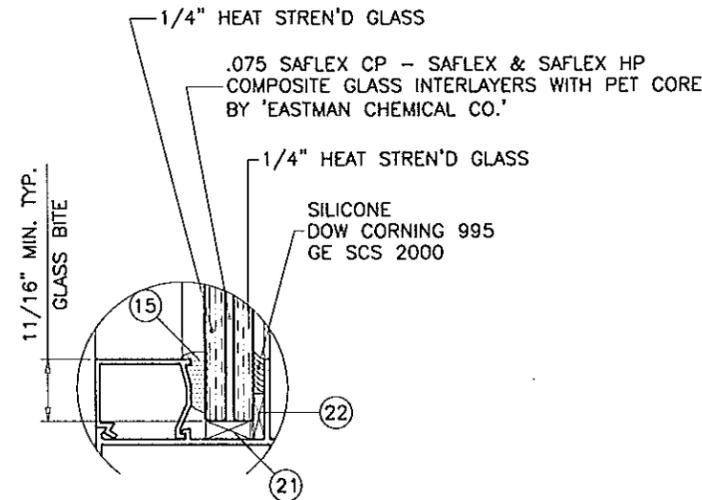
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GLASS TYPE 'F'



GLASS TYPE 'G'



GLASS TYPE 'H'

GLAZING OPTIONS

af c
AL-FAROOQ CORPORATION
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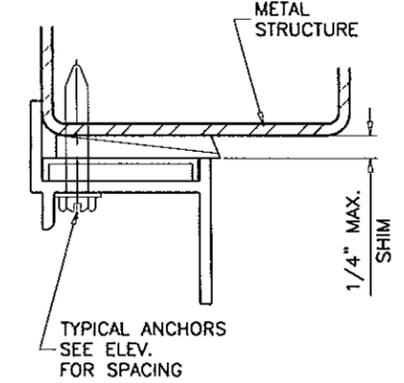
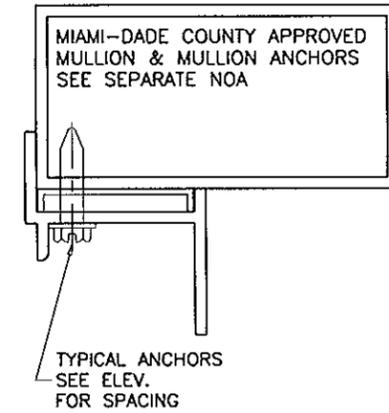
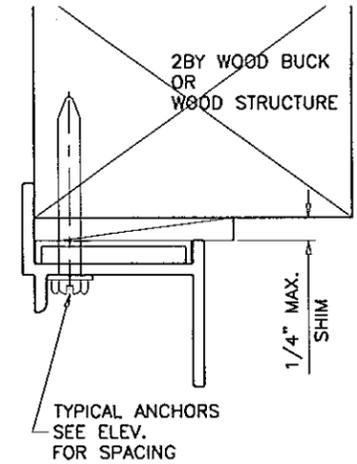
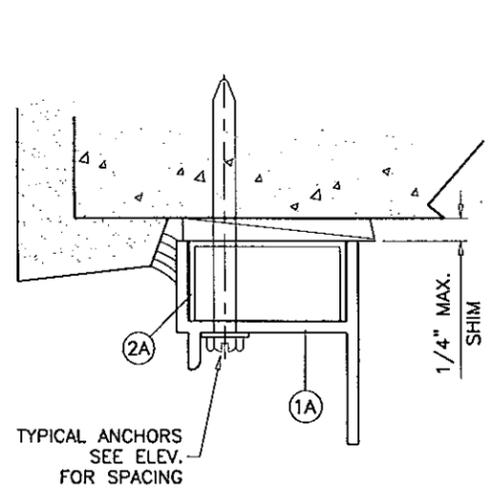
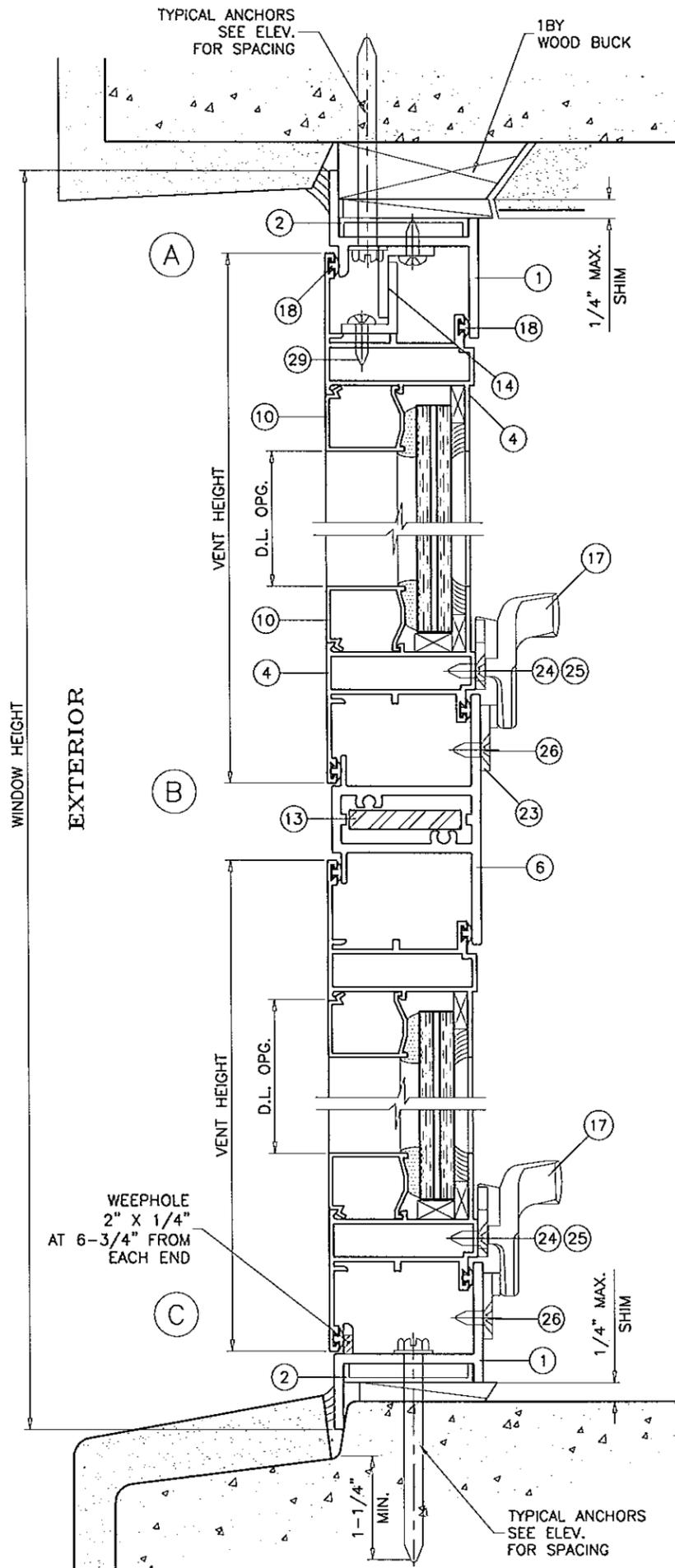
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 dr. by: HAMID
 chk. by:

drawing no.
W08-72
 sheet 5 of 11

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 JUN 25 2013

PRODUCT RENEWED
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 By *[Signature]*
 Miami Dade Product Control



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
 1-1/2" 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 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)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1-1/4" MIN.
 INTO WOOD STRUCTURE = 7/16" MIN.
 INTO METAL STRUCTURE = 7/16" MIN.

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

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

FLANGE AND EQUAL LEG FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.

WOOD BUCKS AND METAL STRUCTURE NOT BY SOL-A-TROL MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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 By: [Signature]
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af c
AL-FAROOQ CORPORATION
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 4101 N.W. 132ND STREET
 MIAMI, FL. 33054
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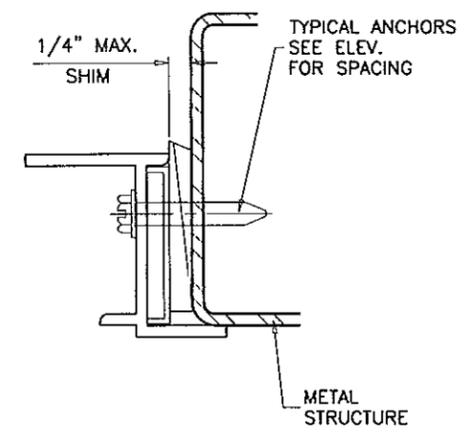
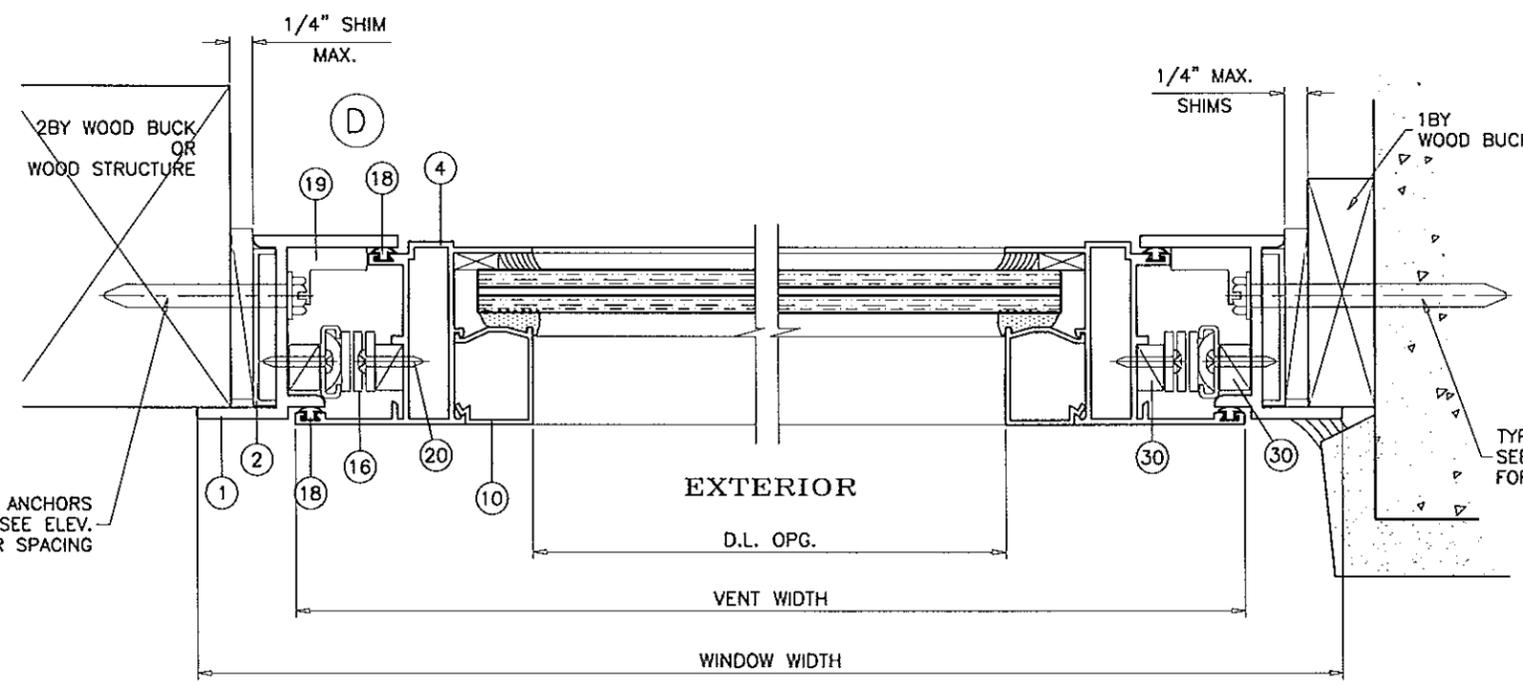
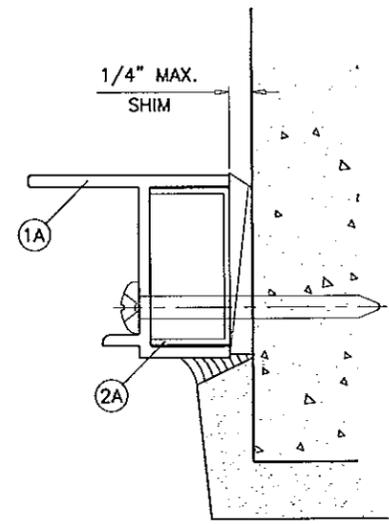
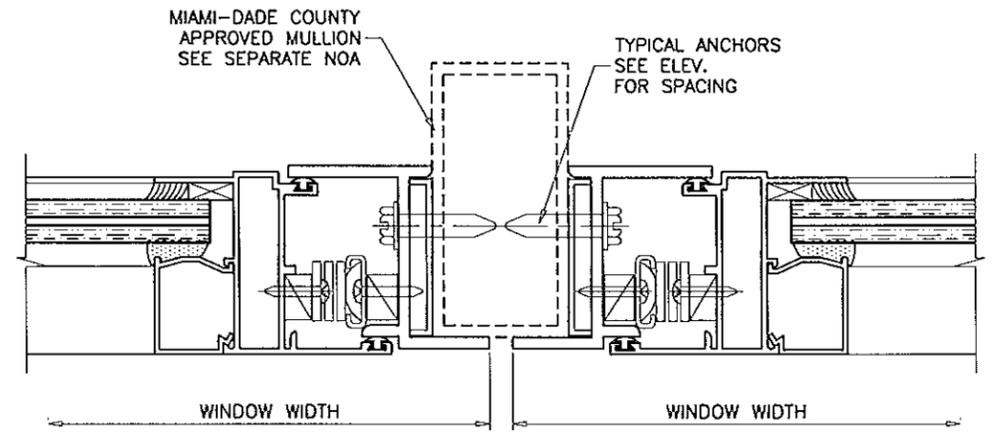
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drawing no.
W08-72
 sheet 6 of 11

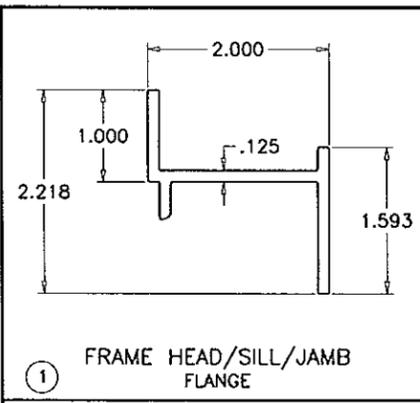
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chk. by:	

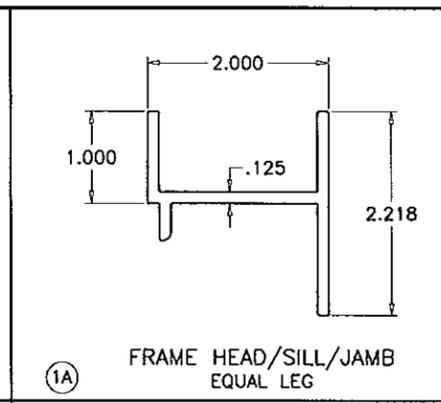


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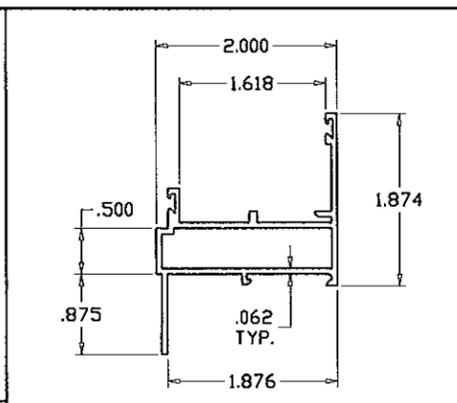
Engr: JAVAD AHMAD
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 JUN 25 2013



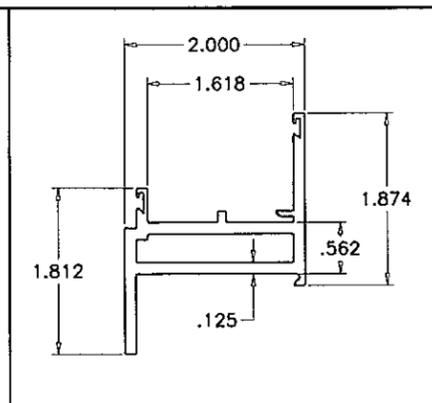
① FRAME HEAD/SILL/JAMB FLANGE



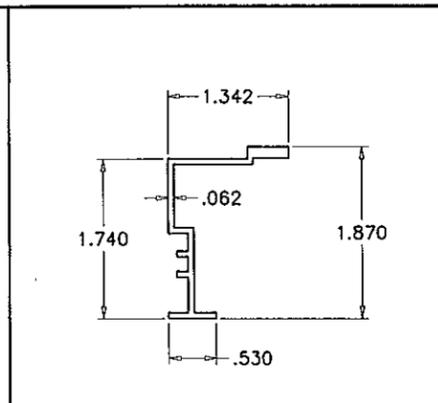
①A FRAME HEAD/SILL/JAMB EQUAL LEG



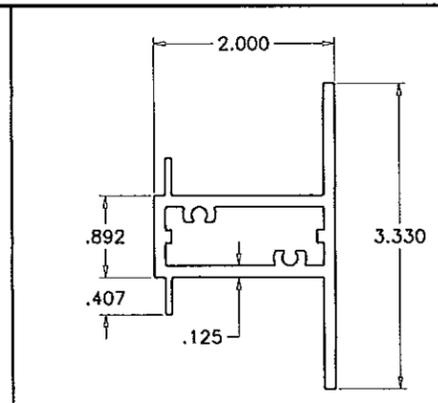
④ VENT (3062)



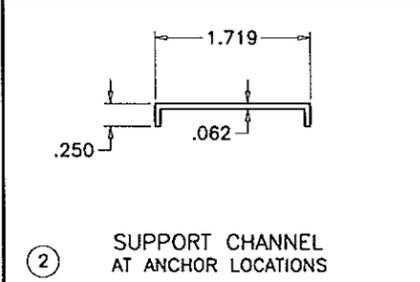
⑤ VENT (3000)



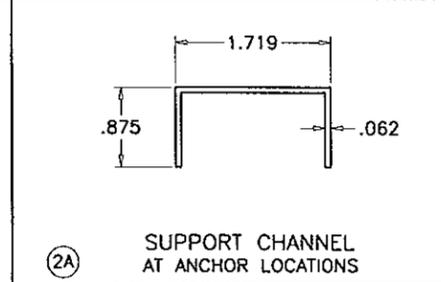
⑨ FTO ADAPTER



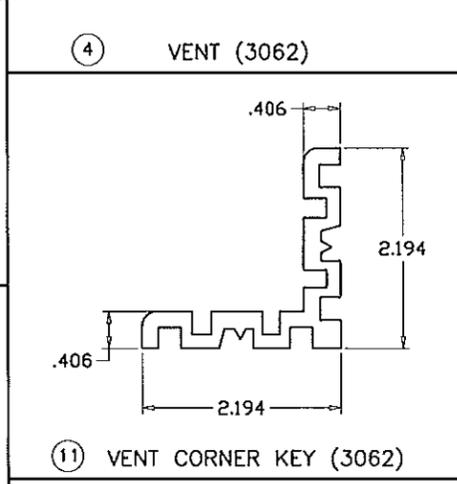
⑥ HORIZ. IMPOST (X/X)



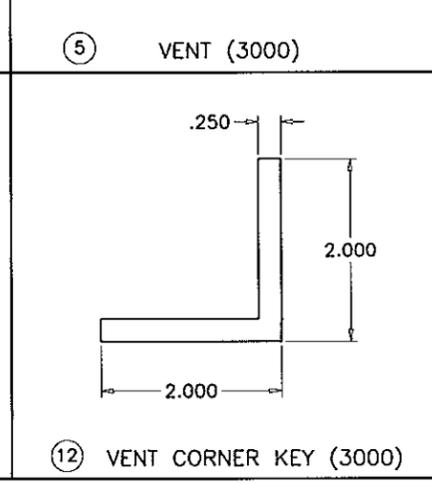
② SUPPORT CHANNEL AT ANCHOR LOCATIONS



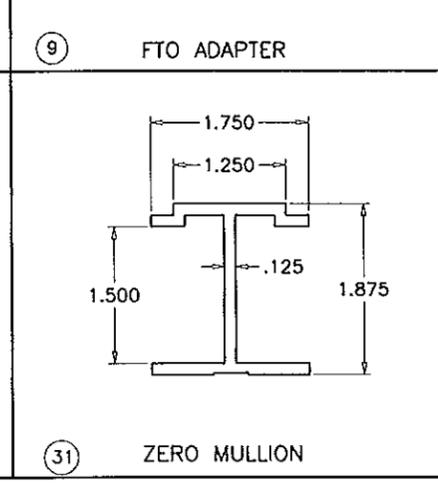
②A SUPPORT CHANNEL AT ANCHOR LOCATIONS



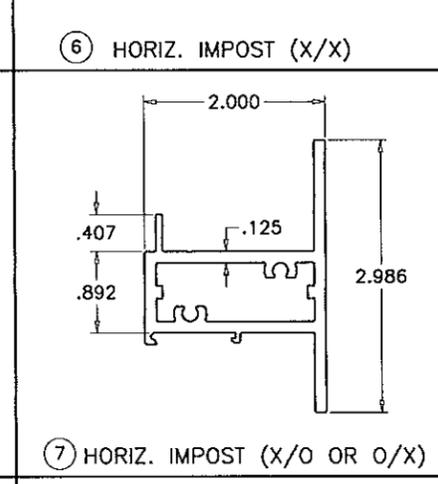
⑪ VENT CORNER KEY (3062)



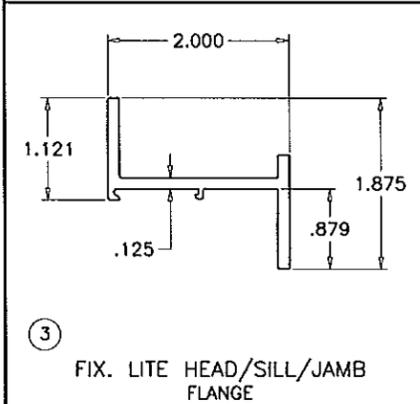
⑫ VENT CORNER KEY (3000)



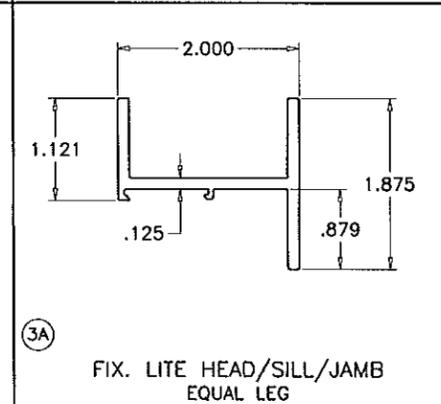
③① ZERO MULLION



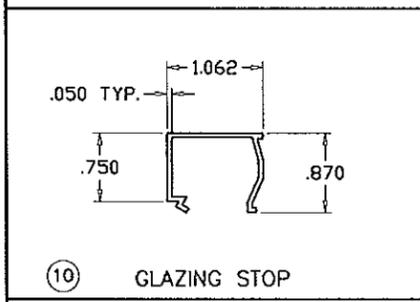
⑦ HORIZ. IMPOST (X/O OR O/X)



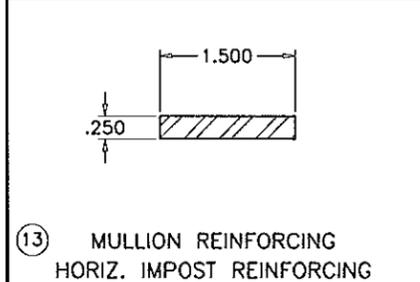
③ FIX. LITE HEAD/SILL/JAMB FLANGE



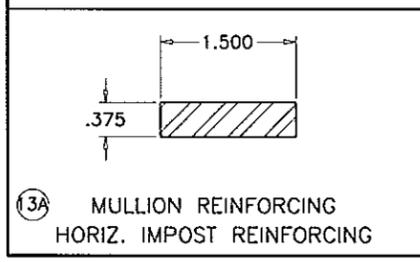
③A FIX. LITE HEAD/SILL/JAMB EQUAL LEG



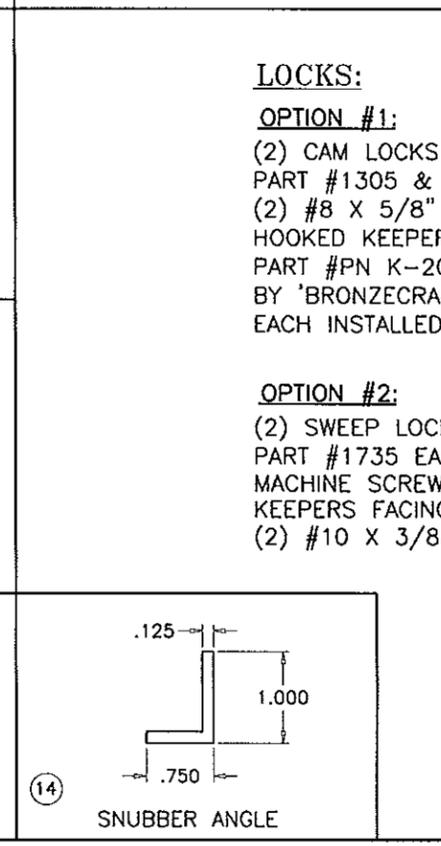
⑩ GLAZING STOP



⑬ MULLION REINFORCING HORIZ. IMPOST REINFORCING



⑬A MULLION REINFORCING HORIZ. IMPOST REINFORCING



⑭ SNUBBER ANGLE

LOCKS:

OPTION #1:

(2) CAM LOCKS AT EACH VENT BY 'FRESH LINK' PART #1305 & 1306 EACH INSTALLED WITH (2) #8 X 5/8" MACHINE SCREWS HOOKED KEEPERS AT VERTICAL STILES BY 'FRESH LINK' PART #PN K-2014 AND FLAT KEEPERS AT HORIZONTAL RAILS BY 'BRONZECRAFT' PART #3282-059-0122 FACING LOCKS EACH INSTALLED WITH (2) #10 X 3/8" P FH SMS

OPTION #2:

(2) SWEEP LOCKS AT EACH VENT BY 'MELRON CORP.' PART #1735 EACH INSTALLED WITH (2) #8 X 5/8" MACHINE SCREWS KEEPERS FACING LOCKS INSTALLED WITH (2) #10 X 3/8" P FH SMS.

HINGES:

4 BAR ST. STEEL HINGES FASTENED TO FRAME W/ (5) #10 X 7/8" PH SMS VENT W/ (4) #10 X 7/8" PH SMS

SNUBBERS:

3/4" X 1" X 5" LONG X 1/8" THK. ALUM ANGLE (2) PER VENT AT 7" FROM ENDS EACH INSTALLED WITH (4) #10 X 3/4" PH SMS MATCHING ANGLES INSTALLED IN FRAME

OPERATOR:

2 BAR OPERATORS FASTENED TO FRAME AND VENT WITH (2) #10 X 1" PH TYPE B SCREWS

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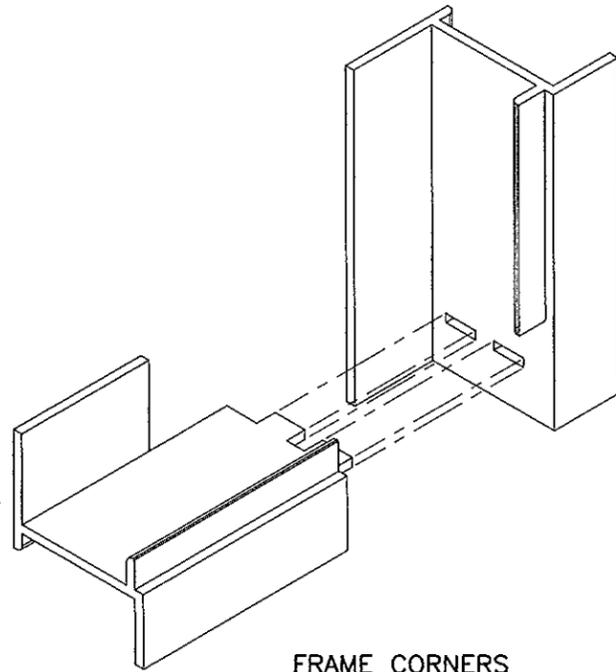
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af c
AL-FAROOQ CORPORATION
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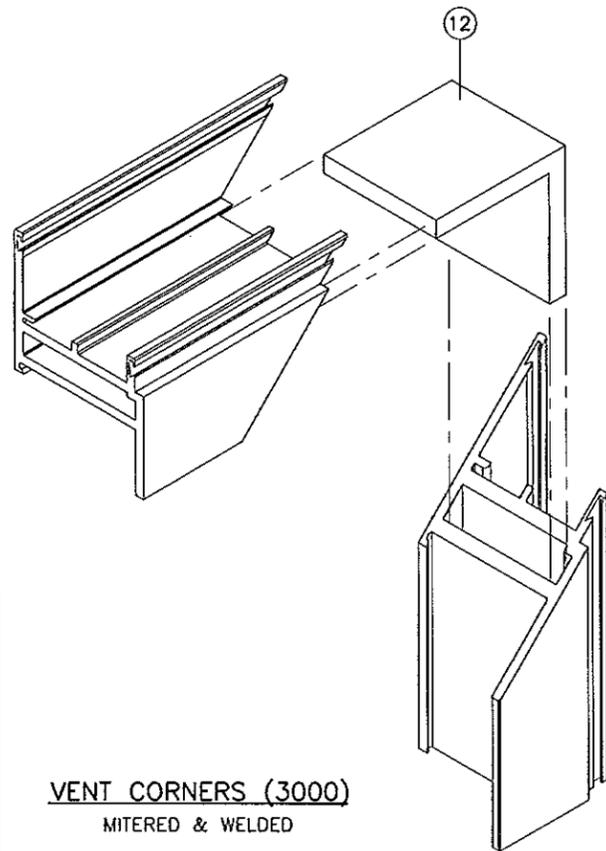
S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
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no	date	description	by
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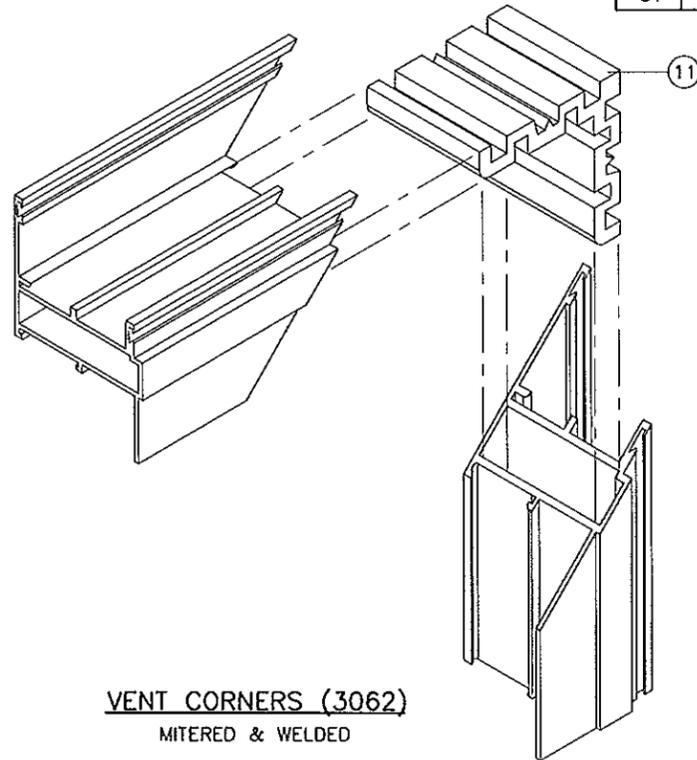
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drawing no. W08-72			
sheet 9 of 11			



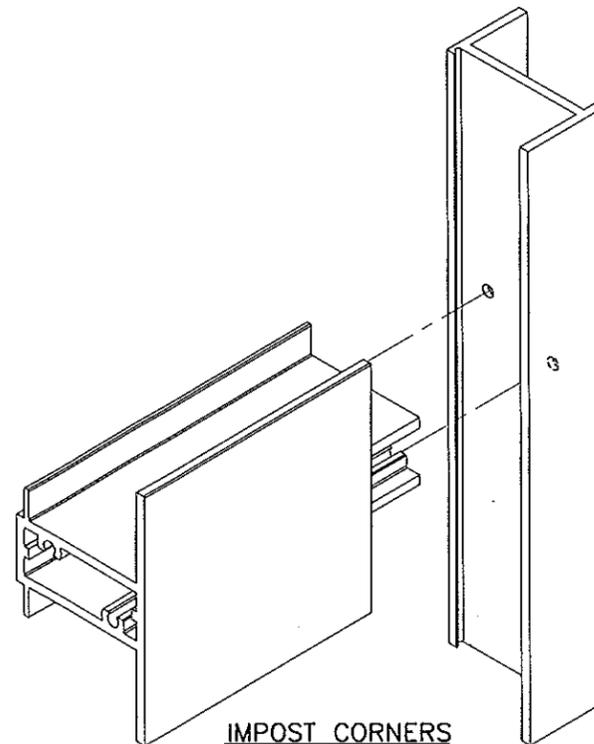
FRAME CORNERS
STAKED MORTISE AND TENON FABRICATION



VENT CORNERS (3000)
MITERED & WELDED



VENT CORNERS (3062)
MITERED & WELDED



IMPOST CORNERS

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ARSO-127	1	FRAME HEAD/SILL/JAMB (FLANGE)	6063-T5	--
1A	ARSO-142	1	FRAME HEAD/SILL/JAMB (EQUAL LEG)	6063-T5	--
2	--	1	SUPPORT CHANNEL (FLANGE), 3" LONG	3003-H14	AT ANCHOR LOCATIONS
2A	--	1	SUPPORT CHANNEL (EQUAL LEG), 3" LONG	3003-H14	AT ANCHOR LOCATIONS
3	ARSO-114	1	FIX. LITE HEAD/SILL/JAMB (FLANGE)	6063-T6	--
3A	ARSO-934	1	FIX. LITE HEAD/SILL/JAMB (EQUAL LEG)	6063-T6	--
4	ARSO-176	4/ VENT	VENT (3062)	6063-T6	--
5	ARSO-105	4/ VENT	VENT (3000)	6063-T6	--
6	ARSO-184	AS REQD.	HORIZ. IMPOST (X/X)	6063-T6	--
7	ARSO-980	AS REQD.	HORIZ. IMPOST (X/O OR O/X)	6063-T6	--
8	ARSO-984	AS REQD.	HORIZ. IMPOST (O/O)	6063-T6	--
9	ARSO-100	AS REQD.	FTO ADAPTER	6063-T6	--
10	ARSO-169	4/ VENT	GLAZING STOP	6063-T5	--
11	ARSO-173	1/ CORNER	VENT CORNER KEY (3062)	6063-T5	--
12	--	1/ CORNER	VENT CORNER KEY (3000)	6063-T5	--
13	--	--	MULLION/HORIZ. IMPOST REINFORCING	STEEL	--
13A	--	--	MULLION REINFORCING	STEEL	--
14	--	6/ VENT	SNUBBER ANGLE, 5" LONG	6063-T5	--
15	FP-40	AS REQD.	GLAZING WEDGE	VINYL	PROTOTYPE PLASTICS
16	34-16	2/ VENT	4 BAR HINGE	ST. STEEL	TRUTH OR EQUIV.
17	798L/799R	2/ VENT	CAM LOCK WITH KEEPER	BRONZE	AT 8-3/4" FROM VENT ENDS
18	326-FP-261AB	AS REQD.	BULB WEATHER STRIPPING	VINYL	PROTOTYPE PLASTICS
19	--	AS REQD.	ALUM ANGLE, 4" LONG	6063-T5	--
20	1/4-20 X 3/4"	6/ HINGE	HINGE INSTALLATION SCREWS	ST. STEEL	PAN HEAD SMS
21	326-FP-808B	AS REQD.	SETTING BLOCK (1/2" X 1/8" X 2" LONG) @ 6" FROM ENDS	PVC	PROTOTYPE PLASTICS
22	326-RP-142B	AS REQD.	SIDE BLOCK (1/2" X 1/4" X FULL LENGTH)	PVC	PROTOTYPE PLASTICS
23	ALS4-8-32-80	2/ LOCK	THREADED INSERT	STEEL	AVK FASTENERS
24	#8-32 X 1/2"	2/ LOCK	LOCK INSTALLATION SCREWS (3062)	ST. STEEL	FH MS
25	#10 X 1/2"	2/ LOCK	LOCK INSTALLATION SCREWS (3000)	ST. STEEL	FH SMS
26	#8 X 3/8"	2/ LOCK	KEEPER INSTALLATION SCREWS	ST. STEEL	FH SMS
27	#10 X 1-1/2"	2/ CORNER	IMPOST ASSEMBLY SCREWS	--	PH SELF DRILLING
28	#10 X 3/8"	6/ VENT	FTO ADAPTER SCREWS	--	PH SMS
29	#10 X 3/4"	4/ ANGLE	SNUBBER ANGLE SCREWS	--	PH SMS
30	--	2/ VENT	1/2" X 1/4" X 24" LONG SHIM	PLASTIC	--
31	ARSO-168	--	ZERO MULLION	6063-T5	--

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

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Miami Dade Product Control

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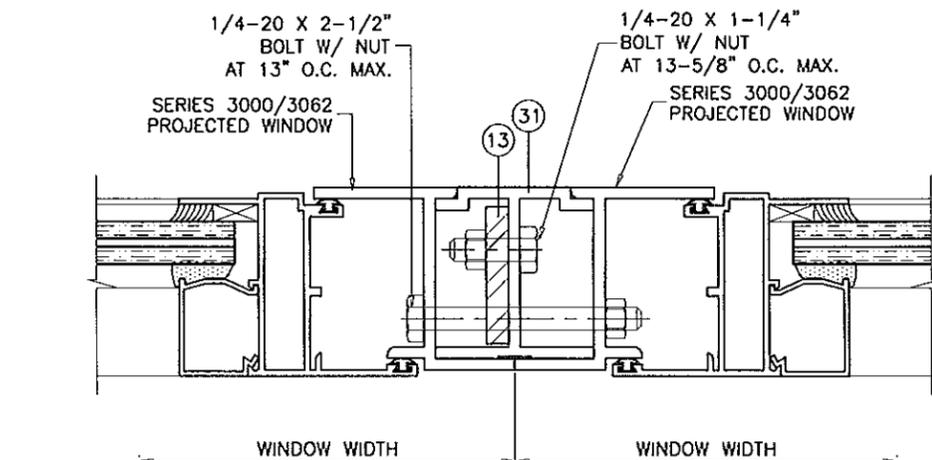
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sheet 10 of 11

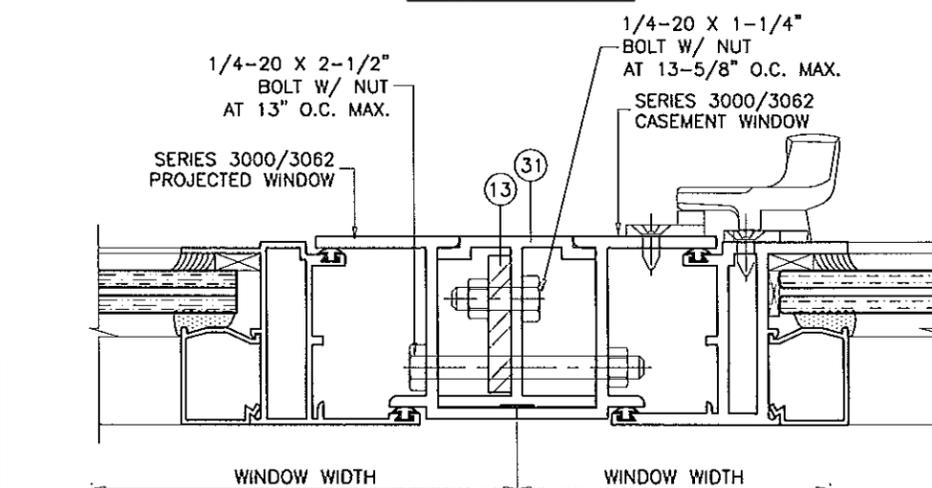
MULLION LOAD CAPACITY - PSF					
WINDOW DIMS.		MULLION TYPES '1' & '2'		TYPE '3'	TYPE '3A'
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
19-1/8"	26"	75.0	95.0	80.0	80.0
26-1/2"		75.0	95.0	80.0	80.0
37"		75.0	95.0	80.0	80.0
53-1/8"		75.0	95.0	80.0	80.0
19-1/8"	38-3/8"	75.0	95.0	80.0	80.0
26-1/2"		75.0	95.0	80.0	80.0
37"		75.0	95.0	80.0	80.0
53-1/8"		-	-	75.8	80.0
19-1/8"	50-5/8"	-	-	80.0	80.0
26-1/2"		-	-	80.0	80.0
37"		-	-	68.9	80.0
53-1/8"		-	-	-	-
19-1/8"	63"	-	-	80.0	80.0
26-1/2"		-	-	80.0	80.0
37"		-	-	66.3	80.0
53-1/8"		-	-	-	-
24"	36"	75.0	95.0	80.0	80.0
30"		75.0	95.0	80.0	80.0
36"		75.0	95.0	80.0	80.0
42"		75.0	95.0	80.0	80.0
48"		75.0	95.0	80.0	80.0
54"		75.0	95.0	79.5	80.0
24"	42"	75.0	95.0	80.0	80.0
30"		75.0	95.0	80.0	80.0
36"		75.0	95.0	80.0	80.0
42"		75.0	95.0	80.0	80.0
48"		75.0	95.0	76.7	80.0
54"		-	-	68.2	80.0
24"	48"	75.0	95.0	80.0	80.0
30"		75.0	95.0	80.0	80.0
36"		75.0	95.0	80.0	80.0
42"		75.0	95.0	76.7	80.0
48"		-	-	67.1	80.0
54"		-	-	59.7	80.0
24"	54"	-	-	80.0	80.0
30"		-	-	80.0	80.0
36"		-	-	79.5	80.0
42"		-	-	68.2	80.0
48"		-	-	59.7	80.0
54"		-	-	53.0	80.0
24"	60"	-	-	80.0	80.0
30"		-	-	80.0	80.0
36"		-	-	71.6	80.0
42"		-	-	61.4	80.0
48"		-	-	53.7	80.0
54"		-	-	-	-
24"	63"	-	-	80.0	80.0
30"		-	-	80.0	80.0
36"		-	-	68.2	80.0
42"		-	-	58.4	80.0
48"		-	-	51.1	80.0
54"		-	-	-	-

NOTES:

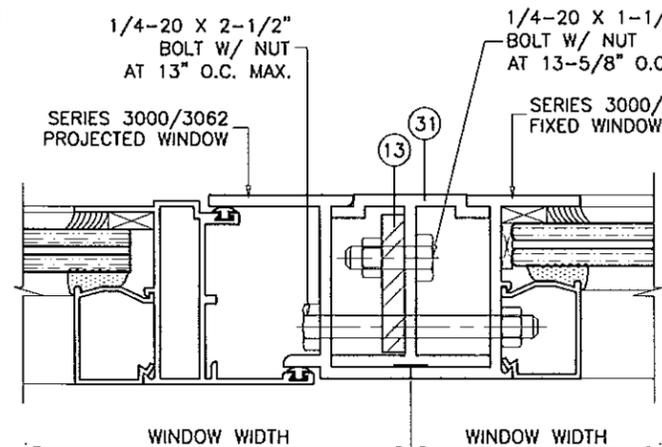
1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF WINDOW MULLION.
2. FOR PROJECTED WINDOW CAPACITY SEE SHEET 2 THRU 4.
3. FOR FIXED OR CASEMENT WINDOWS CAPACITY SEE SEPARATE NOA.
4. LOWER VALUES FROM STEPS 1, 2 OR 3 WILL APPLY TO ENTIRE SYSTEM.



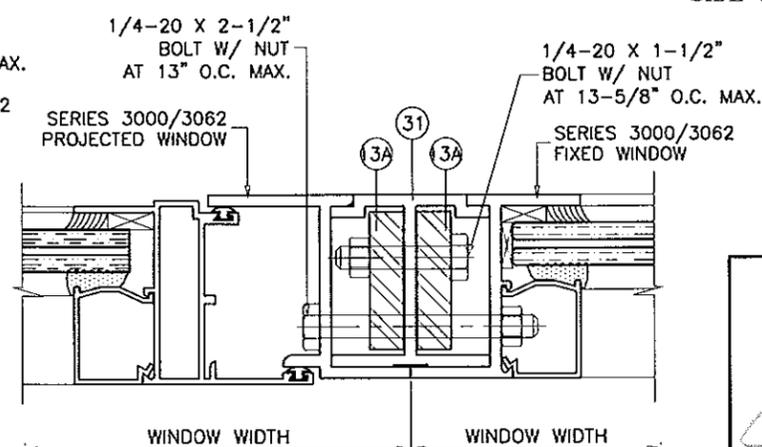
MULLION TYPE '1'



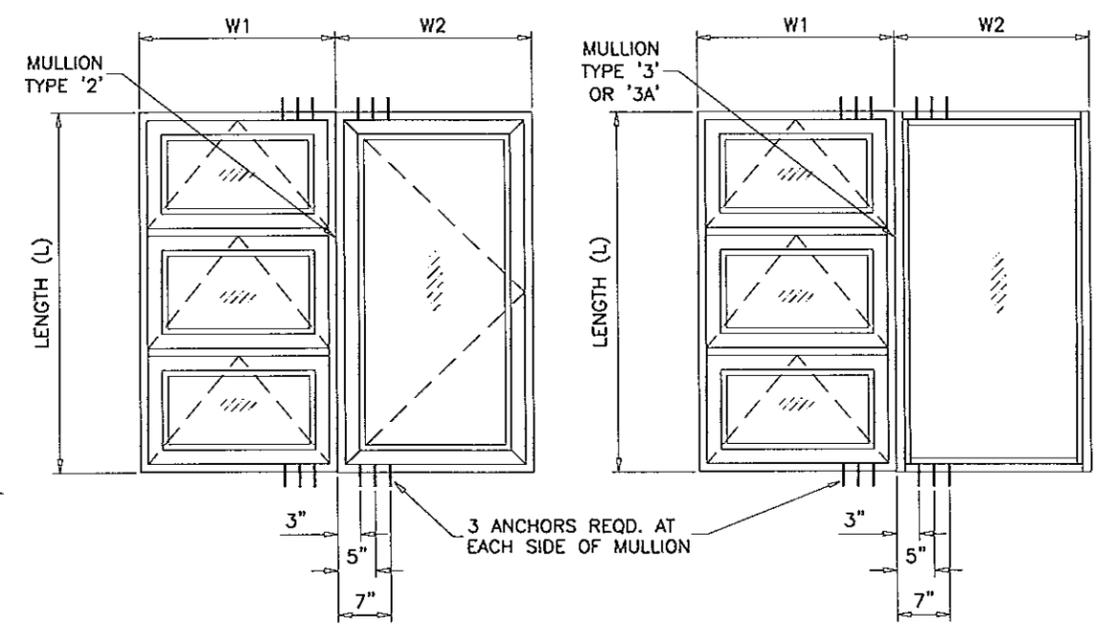
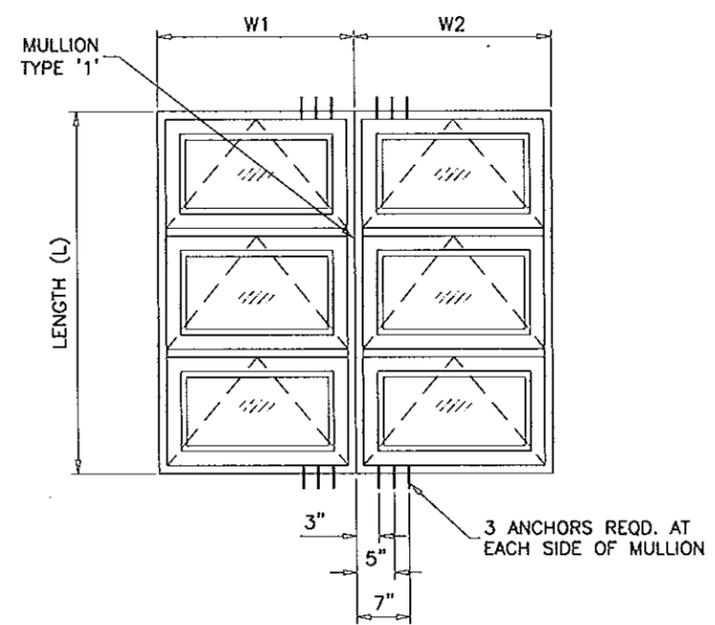
MULLION TYPE '2'



MULLION TYPE '3'



MULLION TYPE '3A'



TYPICAL ELEVATIONS

SIDE BY SIDE WINDOWS
SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

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

JUN 25 2013

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 13-020613
Expiration Date 06/22/2018
By: [Signature]
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\W08-72SAT

S-3000/3062 ALUM. PROJECTED WDW. (L.M.I.)
SOL-A-TROL ALUMINUM PRODUCTS
4101 N.W. 132ND STREET
MIAMI, FL. 33054
TEL. (305) 681-2020 FAX. (305) 681-2035

no	date	description
A	06.12.09	REV. PER BCCO COMMENTS
B	07.31.12	NO CHANGE THIS SHEET
C	05.08.13	REV. PER PER COMMENTS

revisions: [table above]
date: 08-01-08
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W08-72**
sheet 11 of 11