



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) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

[www.buldingcodeonline.com](http://www.buldingcodeonline.com)

Bell-View, Inc.  
150 Industrial Blvd.  
Wrightsville, GA 31096

### 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 PA-25 Aluminum Horizontal Sliding Window

**APPROVAL DOCUMENT:** Drawing No. **W05-35**, titled "Series PA-25 Alum. Horiz. Sliding Wdw. (N.I.)", sheets 1 through 7 of 7, dated 07/24/05, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: None

**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 **renews NOA # 05-0812.01** 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 06-1208.10  
Expiration Date: December 8, 2007  
Approval Date: April 26, 2007  
Page 1

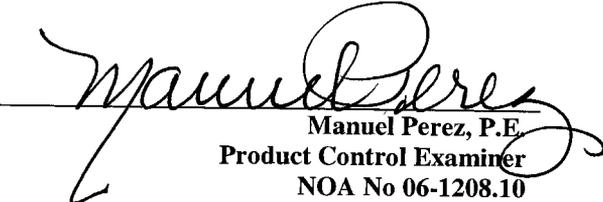
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W05-35**, titled "Series PA-25 Alum. Horiz. Sliding Wdw. (N.I.)," dated 07/24/05, Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94,  
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of 3 specimens of XO aluminum horizontal sliding window (73" x 61"), prepared by American Test Lab of South Florida, Test Report No. **ATL-0721.01-96**, dated 11/11/96, signed and sealed by Gerard B. Sullivan, P.E.  
*(Submitted under NOA# 01-0129.11)*
2. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94,  
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of 3 specimens of XOX aluminum horizontal sliding window (109" x 61"), prepared by American Test Lab of South Florida, Test Report No. **ATL-1108.01-96**, dated 11/12/96, signed and sealed by Gerard B. Sullivan, P.E.  
*(Submitted under NOA# 01-0129.11)*
3. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
along with marked-up drawings and installation diagram of 7 specimens of XOX and 4 specimens of OX aluminum horizontal sliding window (109" x 61" and 73-3/8" x 61" respectively), prepared by American Test Lab of South Florida, Test Report No. **ATL-0513.01-97**, dated 7/11/97, signed and sealed by Gerard B. Sullivan, P.E.  
*(Submitted under NOA# 01-0129.11)*
4. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
along with marked-up drawings and installation diagram of 3 specimen of XOX aluminum horizontal sliding window (109" x 63"), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1204**, dated 8/22/95, signed and sealed by Yamil G. Kuri, P.E.  
*(Submitted under NOA# 01-0129.11)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No 06-1208.10  
Expiration Date: December 8, 2007  
Approval Date: April 26, 2007

**Bell-View, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

5. Test reports on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
along with marked-up drawings and installation diagram of 1 specimen of XOX aluminum horizontal sliding window (109" x 38-1/2"), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1270**, dated 9/7/95, signed and sealed by Yamil G. Kuri, P.E.  
*(Submitted under NOA# 01-0129.11)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, dated 08/01/05, complying with FBC-2004, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.  
**Complies with ASTM E1300-98**
2. Comparative analysis and anchor calculations, prepared by Robt. E. Fisher – Wm. M. Meyers, P.E. Consulting Engineers, dated 2/3/96, signed and sealed by William M. Meyers, P.E.  
*(Submitted under NOA# 01-0129.11)*

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

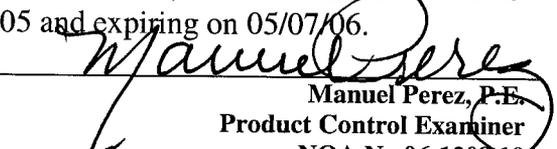
1. None.

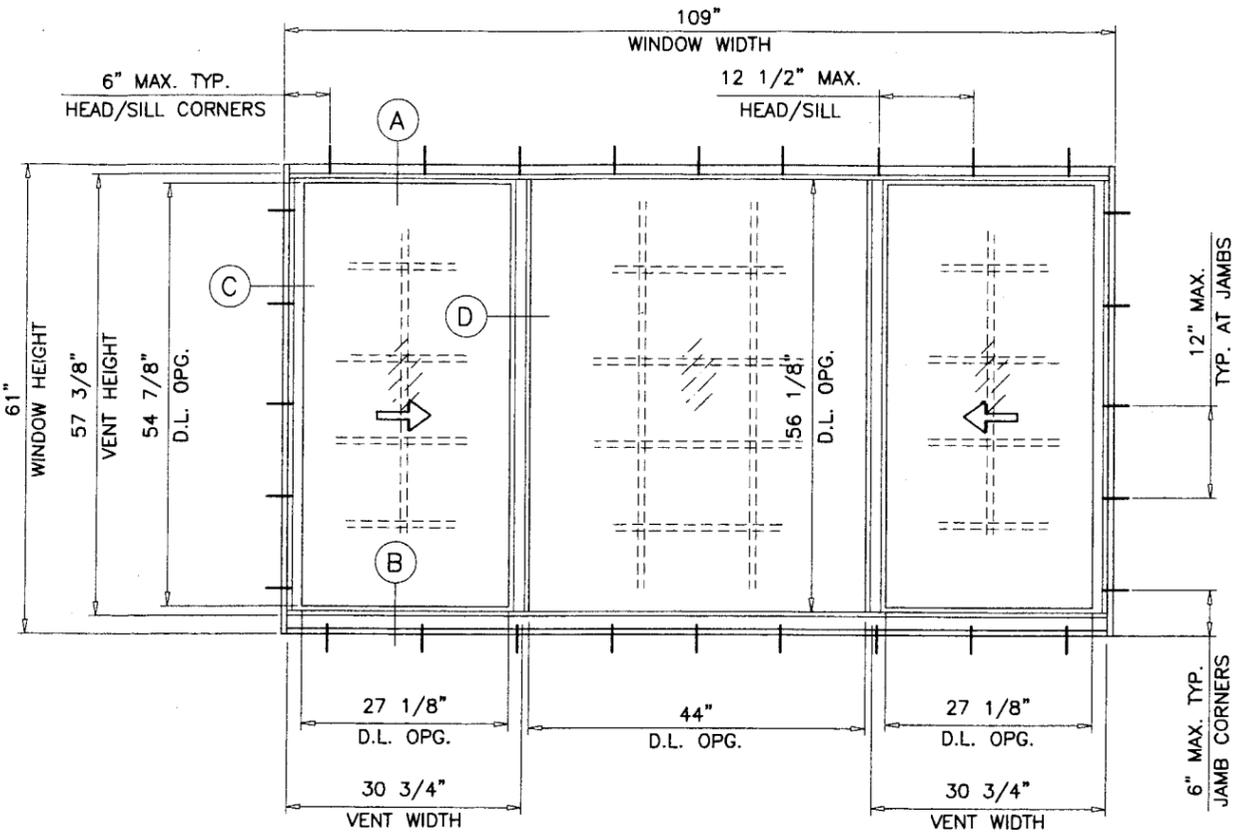
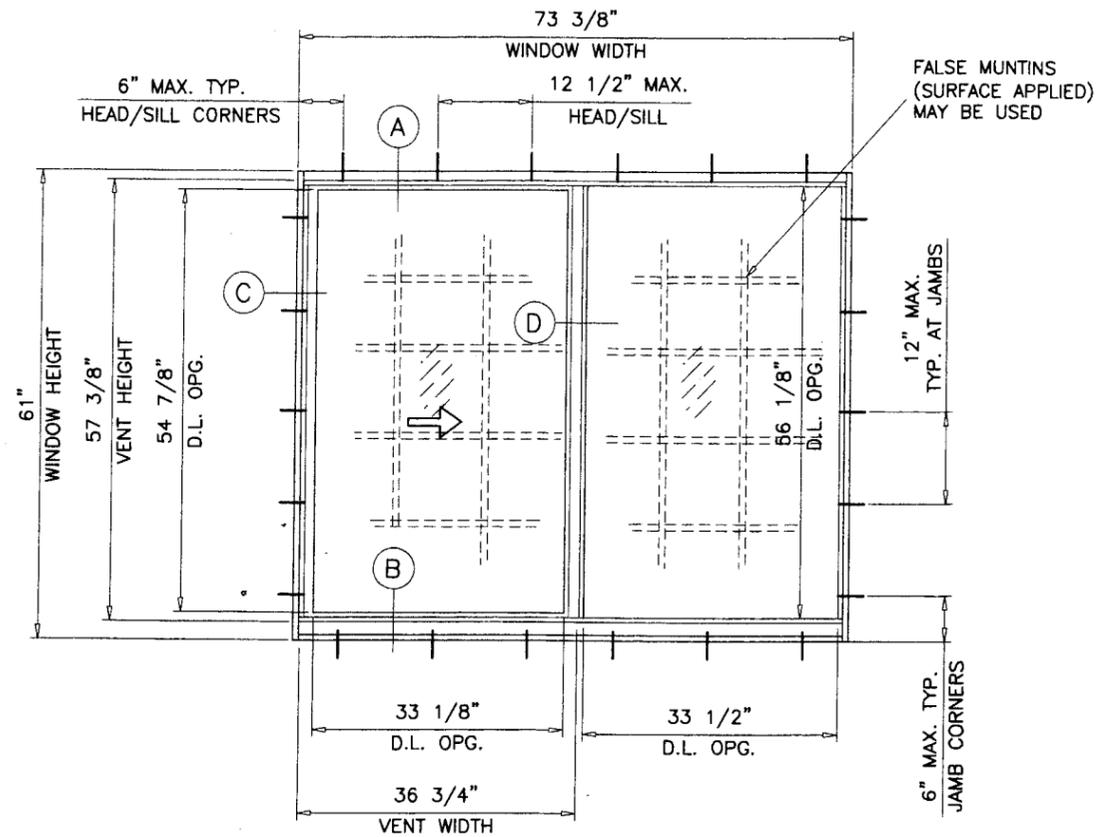
**F. STATEMENTS**

1. Statement letter of conformance, dated 08/01/05, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 08/01/05, signed and sealed by Humayoun Farooq, P.E.
3. Statement letter from manufacturer stating that the product has not changed and requesting a One-Year Renewal to allow the time to perform a verification test, dated December 1, 2006, signed by Jay Bell, Secretary and Treasurer.
4. Letter from laboratory confirming manufacturer has contracted and scheduled verification tests, issued by Certified Testing Laboratories, dated March 29, 2007, signed by James Blakely, Vice President CTLA.

**G. OTHER**

1. Notice of Acceptance No. **05-0812.01**, issued to Bell-View, Inc. for their Series PA-25 HS Sliding Window-N.I., approved on 11/03/05 and expiring on 05/07/06.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No 06-1208.10  
Expiration Date: December 8, 2007  
Approval Date: April 26, 2007



TYPICAL ELEVATION  
TESTED UNITS

**SERIES PA-25 ALUM HORIZ. SLIDING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

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 APPROVED MULLIONS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION FOR THE HIGH VELOCITY HURRICANE ZONE.

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 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

GLASS BASED ON ASTM E1300-98 (60 SEC. WIND)

Engr: DR. HUMAYUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

*[Signature]*  
AUG 05 2005

MONOLITHIC GLASS  
NON IMPACT

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 06-1208.10  
Expiration Date DEC 8, 2007

By *[Signature]*  
Miami Dade Product Control  
Division

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 05-0812.01  
Expiration Date 05/09/06  
By *[Signature]*  
Miami Dade Product Control  
Division

*afc*

AL-FAROOQ CORPORATION  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)  
BELL-VIEW INC.  
150 INDUSTRIAL BLVD.  
WRIGHTSVILLE, GA. 31096  
TEL. (478) 864-2227 FAX. (478) 864-2492

no.	date	description

date: 07-24-05  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
W05-35

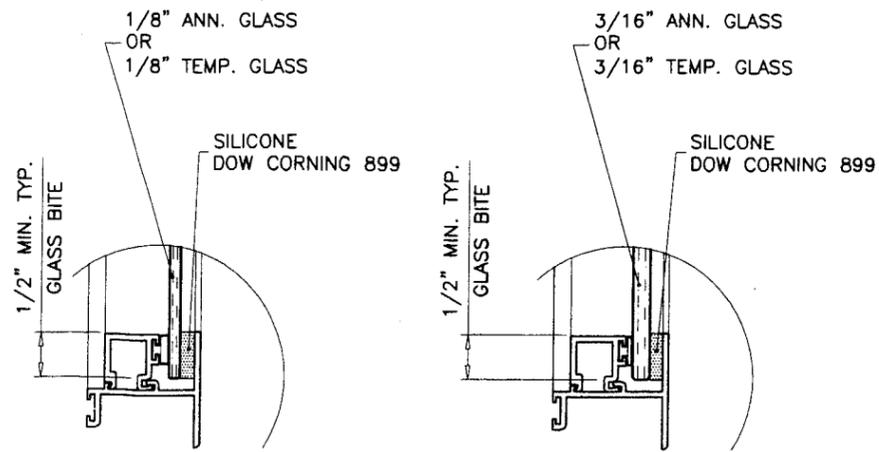
sheet 1 of 7

COMP-ANL/W05-35BVI

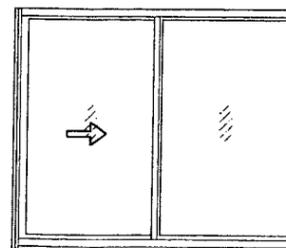
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

WINDOW DIMS. WIDTH HEIGHT		A	WITHOUT REINFORCING								W/ STEEL REINF.	
			1/8" ANN. GLASS		1/8" TEMP. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (2)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
53"		5	69.3	74.6	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
74"		6	51.8	51.8	69.3	120.0	69.3	92.2	69.3	120.0	69.3	120.0
26-1/2"	38-3/8" (3)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	62.5	62.5	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
53"		5	53.0	53.0	69.3	120.0	69.3	85.7	69.3	120.0	69.3	120.0
74"		6	40.9	40.9	69.3	120.0	64.9	64.9	69.3	120.0	69.3	120.0
26-1/2"	50-5/8" (4)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	50.4	50.4	69.3	120.0	69.3	112.4	69.3	120.0	69.3	120.0
53"		5	37.0	37.0	69.3	120.0	63.7	63.7	69.3	120.0	69.3	120.0
74"		6	30.9	30.9	69.3	106.8	50.3	50.3	69.3	120.0	69.3	120.0
26-1/2"	63" (4)	3	63.7	63.7	69.3	120.0	69.3	115.2	69.3	120.0	69.3	120.0
37"		3	44.6	44.6	69.3	120.0	69.3	86.6	69.3	120.0	69.3	120.0
53"		5	25.2	25.2	69.3	94.6	50.9	50.9	69.3	120.0	69.3	120.0
74"		6	24.6	24.6	69.3	72.8	-	-	-	-	-	-
25"	25" (2)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
45"		4	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
49"		4	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
61"		5	67.4	67.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
73"		6	54.0	54.0	69.3	120.0	69.3	98.6	69.3	120.0	69.3	120.0
25"	37" (3)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	65.0	65.0	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
45"		4	57.1	57.1	69.3	120.0	69.3	107.1	69.3	120.0	69.3	120.0
49"		4	54.1	54.1	69.3	120.0	69.3	96.5	69.3	120.0	69.3	120.0
61"		5	48.7	48.7	69.3	120.0	69.3	78.1	69.3	120.0	69.3	120.0
73"		6	42.8	42.8	69.3	120.0	67.7	67.7	69.3	120.0	69.3	120.0
25"	45" (4)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	54.5	54.5	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
45"		4	42.8	42.8	69.3	120.0	69.3	87.9	69.3	120.0	69.3	120.0
49"		4	43.2	43.2	69.3	120.0	69.3	78.3	69.3	120.0	69.3	120.0
61"		5	40.7	40.7	69.3	120.0	65.0	65.0	69.3	120.0	69.3	120.0
73"		6	35.1	35.1	69.3	120.0	56.5	56.5	69.3	120.0	69.3	120.0
25"	49" (4)	3	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	50.9	50.9	69.3	120.0	69.3	117.0	69.3	120.0	69.3	120.0
45"		4	39.1	39.1	69.3	120.0	69.3	81.4	69.3	120.0	69.3	120.0
49"		4	36.4	36.4	69.3	120.0	69.3	71.8	69.3	120.0	69.3	120.0
61"		5	36.0	36.0	69.3	120.0	58.0	58.0	69.3	120.0	69.3	120.0
73"		6	32.4	32.4	69.3	113.1	52.2	52.2	69.3	120.0	69.3	120.0
25"	61" (5)	3	69.3	69.5	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
37"		3	45.7	45.7	69.3	120.0	69.3	89.9	69.3	120.0	69.3	120.0
45"		4	30.9	30.9	69.3	113.4	68.8	68.8	69.3	120.0	69.3	120.0
49"		4	28.2	28.2	69.3	106.3	59.8	59.8	69.3	120.0	69.3	120.0
61"		5	26.1	26.1	69.3	91.0	43.9	43.9	69.3	120.0	69.3	120.0
73"		6	25.6	25.6	69.3	81.3	40.4	40.4	69.3	115.3	69.3	120.0

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



GLAZING OPTIONS



NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-98 (60 SEC. WIND)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0812.01  
Expiration Date 05/03/06  
By *M. Frank*  
Miami Code Product Control  
Division

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

AUG 05 2005

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1208.10  
Expiration Date DEC. 8, 2007  
By *Manuel Serrano*  
Miami Code Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)  
**BELL-VIEW INC.**  
150 INDUSTRIAL BLVD.  
WRIGHTSVILLE, GA. 31096  
TEL. (478) 864-2227 FAX. (478) 864-2492

revisions:	no	date	by	description

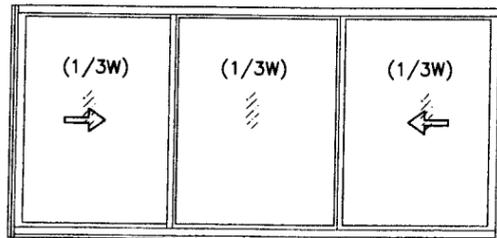
date: 07-24-05  
scale: -  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-35**

COMP-ANL\W05-35BVI

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)												
WINDOW DIMS.		A	WITHOUT REINFORCING								W/ STEEL REINF.	
			1/8" ANN. GLASS		3/16" ANN. GLASS		1/8" TEMP. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
WIDTH	HEIGHT											
74-1/8"	26" (2)	6	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	54.5	54.5	69.3	97.1	69.3	120.0	69.3	120.0	69.3	120.0
111-1/4"		9	51.9	51.9	69.3	92.4	69.3	120.0	69.3	120.0	69.3	120.0
74-1/8"	38-3/8" (3)	6	51.9	51.9	69.3	92.3	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	42.6	42.6	67.4	67.4	69.3	120.0	69.3	120.0	69.3	120.0
111-1/4"		9	41.0	41.0	65.1	65.1	69.3	120.0	69.3	120.0	69.3	120.0
74-1/8"	50-5/8" (4)	6	35.1	35.1	69.3	69.3	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	32.3	32.3	51.7	51.7	69.3	108.8	69.3	115.6	69.3	120.0
111-1/4"		9	31.0	31.0	50.4	50.4	69.3	106.7	69.3	113.3	69.3	120.0
74-1/8"	63" (4)	6	27.3	27.3	56.5	56.5	69.3	100.4	69.3	106.7	69.3	119.3
106-3/8"		9	25.3	25.3	39.8	39.8	69.3	75.1	69.3	79.8	69.3	93.8
111-1/4"		9	24.6	24.6	38.7	38.7	69.3	72.7	68.2	77.3	69.3	90.9
73"	25" (2)	6	69.3	78.4	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	69.3	72.5	69.3	120.0	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	64.0	64.0	69.3	112.8	69.3	120.0	69.3	120.0	69.3	120.0
109"		9	54.5	54.5	69.3	99.6	69.3	120.0	69.3	120.0	69.3	120.0
73"	37" (3)	6	54.6	54.6	69.3	98.2	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	51.9	51.9	69.3	83.9	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	46.9	46.9	69.3	74.9	69.3	120.0	69.3	120.0	69.3	120.0
109"		9	43.1	43.1	68.2	68.2	69.3	120.0	69.3	120.0	69.3	120.0
73"	45" (4)	6	43.6	43.6	69.3	79.6	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	41.0	41.0	67.7	67.7	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	39.2	39.2	62.2	62.2	69.3	120.0	69.3	120.0	69.3	120.0
109"		9	35.4	35.4	56.8	56.8	69.3	120.0	69.3	120.0	69.3	120.0
73"	49" (4)	6	36.8	36.8	69.3	73.2	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	37.4	37.4	62.4	62.4	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	35.0	35.0	55.0	55.0	69.3	119.6	69.3	120.0	69.3	120.0
109"		9	32.6	32.6	52.5	52.5	69.3	113.3	69.3	120.0	69.3	120.0
73"	61" (5)	6	28.5	28.5	60.1	60.1	69.3	106.8	69.3	113.5	69.3	120.0
85"		7	26.9	26.9	48.0	48.0	69.3	95.7	69.3	101.6	69.3	119.6
97"		8	27.5	27.5	43.5	43.5	69.3	87.6	69.3	93.0	69.3	109.4
109"		9	25.8	25.8	40.6	40.6	69.3	81.6	69.3	86.7	69.3	101.9

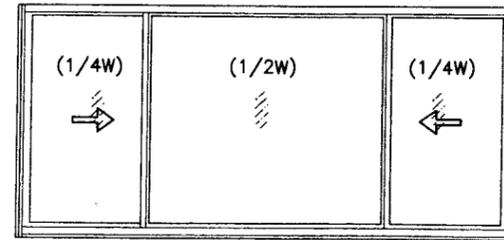
A = NO. OF ANCHORS PER HEAD & SILL  
( ) = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)												
WINDOW DIMS.		A	WITHOUT REINFORCING								W/ STEEL REINF.	
			1/8" ANN. GLASS		3/16" ANN. GLASS		1/8" TEMP. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
WIDTH	HEIGHT											
74-1/8"	26" (2)	6	54.7	54.7	69.3	97.6	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	33.9	33.9	67.0	67.0	69.3	120.0	69.3	120.0	69.3	120.0
111-1/4"		9	32.4	32.4	64.2	64.2	69.3	120.0	69.3	120.0	69.3	120.0
74-1/8"	38-3/8" (3)	6	42.7	42.7	67.6	67.6	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	29.8	29.8	48.5	48.5	69.3	119.2	69.3	120.0	69.3	120.0
111-1/4"		9	28.4	28.4	44.4	44.4	69.3	113.6	69.3	120.0	69.3	120.0
74-1/8"	50-5/8" (4)	6	32.4	32.4	51.9	51.9	69.3	120.0	69.3	120.0	69.3	120.0
106-3/8"		9	24.6	24.6	40.8	40.8	69.3	98.4	69.3	118.6	69.3	120.0
111-1/4"		9	23.2	23.2	38.1	38.1	69.3	92.8	69.3	117.1	69.3	120.0
74-1/8"	63" (4)	6	25.4	25.4	39.9	39.9	69.3	93.4	69.3	99.2	69.3	111.0
73"	25" (2)	6	57.2	57.2	69.3	104.3	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	47.9	47.9	69.3	88.4	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	38.5	38.5	69.3	77.6	69.3	120.0	69.3	120.0	69.3	120.0
109"		9	33.9	33.9	69.3	69.5	69.3	120.0	69.3	120.0	69.3	120.0
73"	37" (3)	6	44.7	44.7	69.3	70.4	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	38.7	38.7	61.3	61.3	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	33.7	33.7	54.1	54.1	69.3	120.0	69.3	120.0	69.3	120.0
109"		9	29.6	29.6	46.3	46.3	69.3	118.4	69.3	120.0	69.3	120.0
73"	45" (4)	6	36.9	36.9	58.7	58.7	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	32.1	32.1	52.8	52.8	69.3	120.0	69.3	120.0	69.3	120.0
97"		8	28.5	28.5	48.4	48.4	69.3	114.0	69.3	120.0	69.3	120.0
109"		9	25.9	25.9	45.1	45.1	69.3	103.6	69.3	120.0	69.3	120.0
73"	49" (4)	6	33.8	33.8	54.0	54.0	69.3	120.0	69.3	120.0	69.3	120.0
85"		7	29.6	29.6	48.6	48.6	69.3	118.4	69.3	120.0	69.3	120.0
97"		8	26.6	26.6	47.8	47.8	69.3	106.4	69.3	120.0	69.3	120.0
109"		9	24.6	24.6	41.1	41.1	69.3	98.4	69.3	120.0	69.3	120.0
73"	61" (5)	6	26.5	26.5	41.7	41.7	69.3	101.3	69.3	107.7	69.3	116.7
85"		7	24.0	24.0	38.1	38.1	69.3	92.0	69.3	97.7	69.3	115.0

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



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

**PRODUCT REVIEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 05-0812.01  
Expiration Date 05/03/06

By *M. H. H.*  
Miami Dade Product Control  
Division

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-98 (60 SEC. WIND)

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

PRODUCT REVIEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1208.10  
Expiration Date DEC. 8, 2007

By *Manuel Lopez*  
Miami Dade Product Control  
Division

AUG 05 2005

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL W05 - 35BVI

**BELL-VIEW INC.**  
150 INDUSTRIAL BLVD.  
WRIGHTSVILLE, GA. 31096  
TEL. (478) 864-2227 FAX. (478) 864-2492

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)

NO	DATE	DESCRIPTION

date: 07-24-05  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:  

drawing no.  
**W05-35**

sheet 3 of 7

afc

**AL-FAROOQ CORPORATION**  
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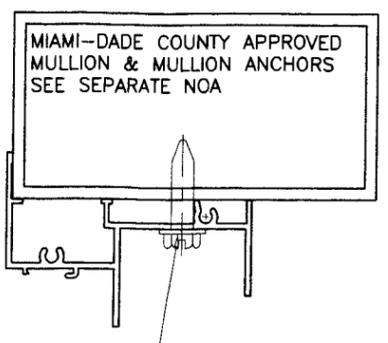
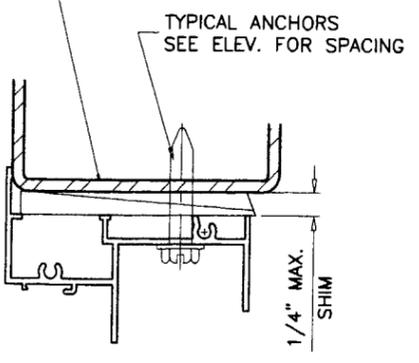
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date: 07-24-05  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-35**

sheet 4 of 7

METAL STRUCTURES  
(STEEL OR ALUM. 1/8" MIN. THICK)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.



WOOD BUCKS AND METAL STRUCTURES NOT BY BELL-VIEW INC.  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND  
TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

TYPE 'A'- **1/4" DIA. TAPCONS**  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO  
3000 PSI MIN. CONC. AT HEAD/SILL  
C-90 GROUT FILLED BLOCK AT JAMBS  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B'- **1/4" DIA. TAPCONS**  
DIRECTLY INTO  
3000 PSI MIN. CONC. AT HEAD/SILL  
C-90 GROUT FILLED BLOCK AT JAMBS  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'C'- **#14 SMS OR SELF DRILLING SCREWS**  
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
STEEL : Fy = 36 KSI MIN.  
ALUMINUM : 6063-T5 MIN.  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D'- **#10 SMS**  
INTO DADE COUNTY APPROVED MULLIONS  
(MIN. 1/8" THK. ALUMINUM 6063-T5)  
(NO SHIM SPACE)

**EDGE DISTANCE**

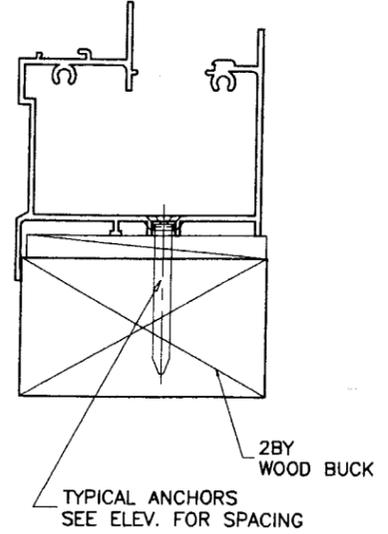
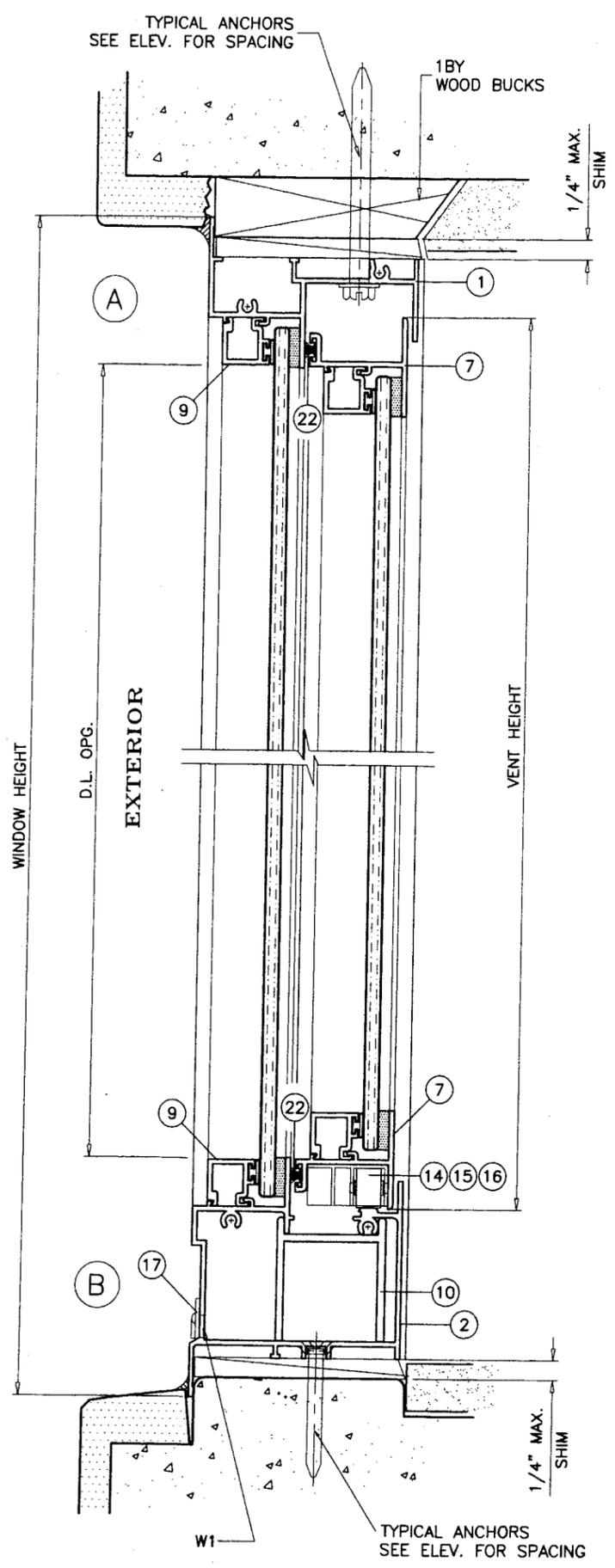
INTO CONCRETE AND MASONRY = 1-1/2" MIN.  
INTO WOOD STRUCTURES = 1" MIN.

**SEALANT:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SEALANT.

**WEEPHOLES:**

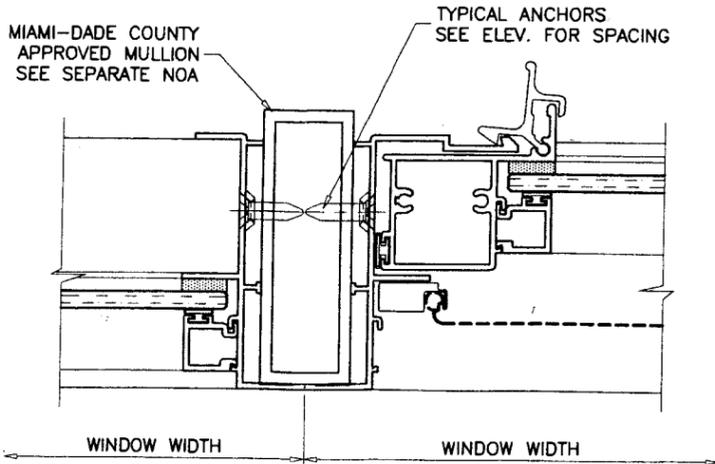
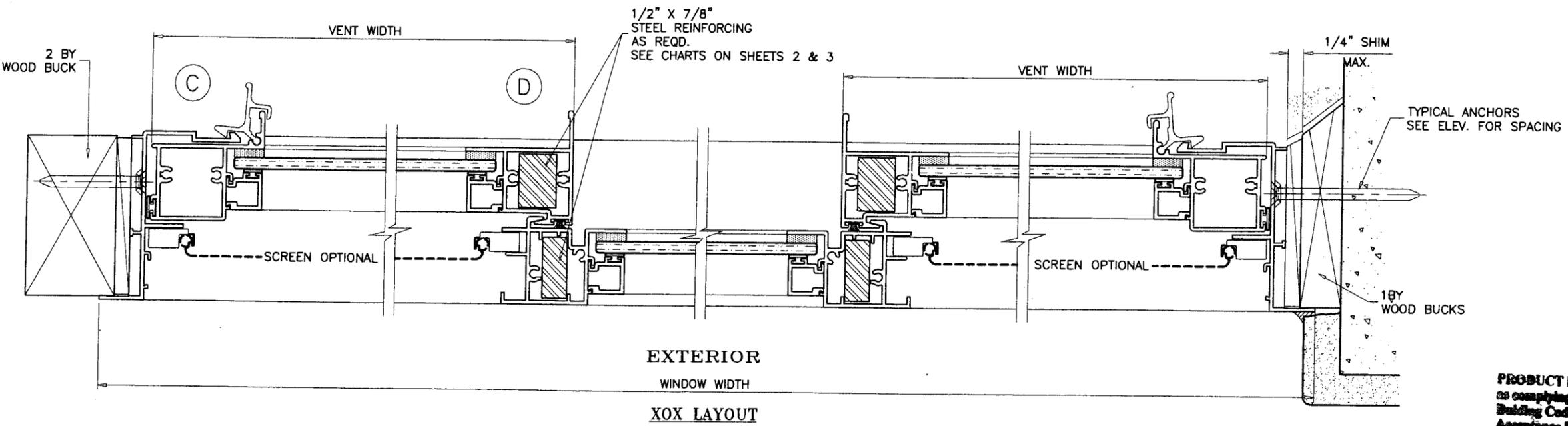
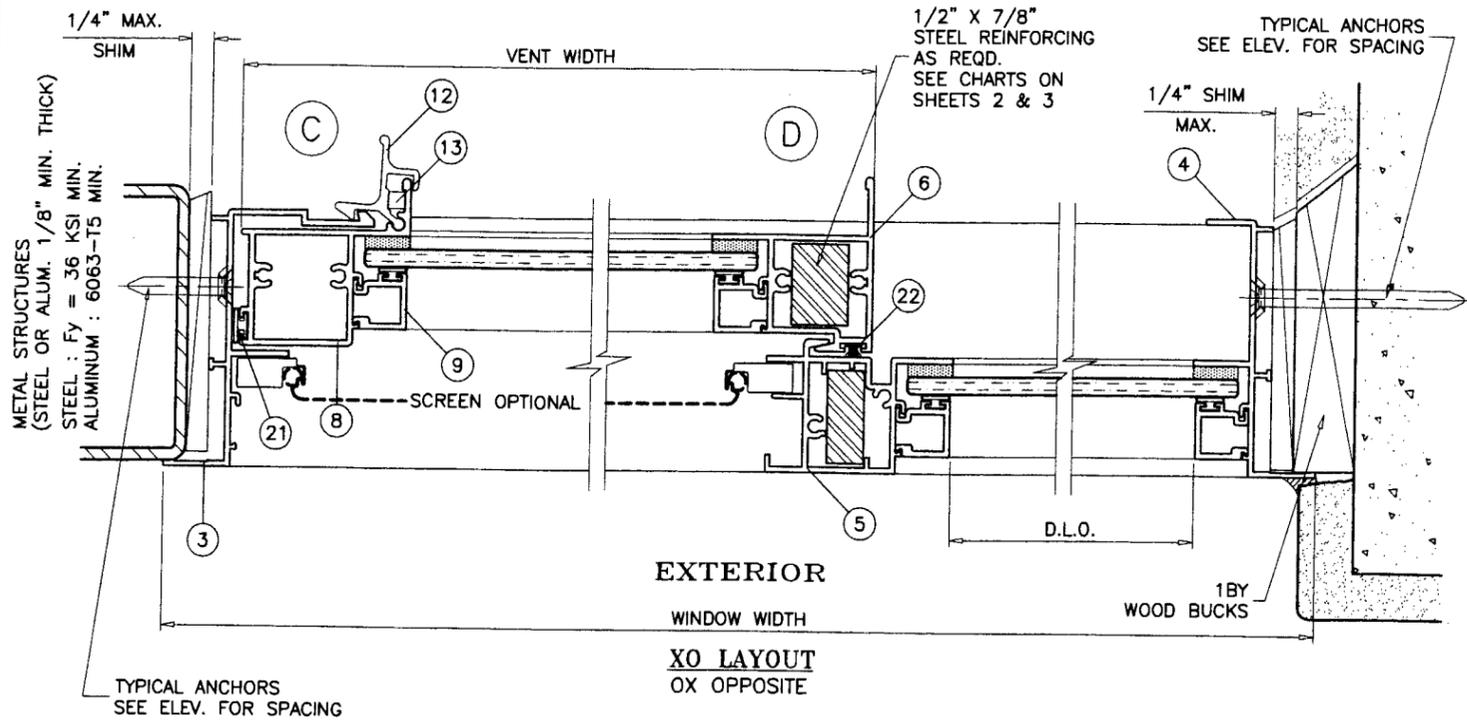
W1 = 1-1/2" X 1/4" WEEPHOLES AT 2-1/2" FROM EACH END



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 05-0812-01  
Expiration Date 03/03/06  
By *M. Khalil*  
Miami Dade Product Control  
Division

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
*[Signature]*  
AUG 05 2005

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No 06-1208-10  
Expiration Date DEC 8, 2007  
By *[Signature]*  
Miami Dade Product Control  
Division



**PRODUCT REVISED**  
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 Acceptance No. 05-0812.01  
 Expiration Date 05/03/06  
 By M. Khalil  
 Miami Dade Product Control  
 Division

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 353R

AUG 05 2005

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-1208.10  
 Expiration Date Dec. 8, 2007  
 By Manuel Arce  
 Miami Dade Product Control  
 Division

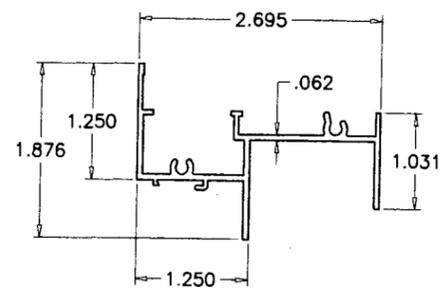
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**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-35BVI

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)  
**BELL-VIEW INC.**  
 150 INDUSTRIAL BLVD.  
 WRIGHTSVILLE, GA. 31096  
 TEL. (478) 864-2227 FAX. (478) 864-2492

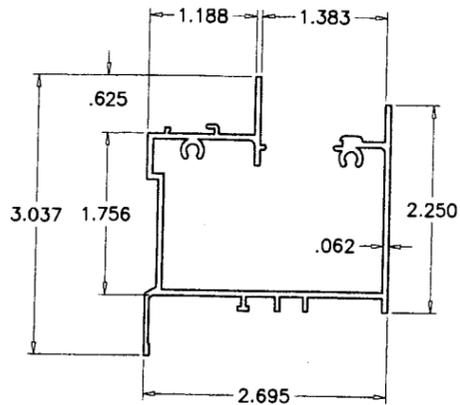
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 chk. by:

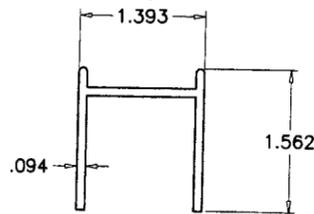
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**W05-35**  
 sheet 5 of 7



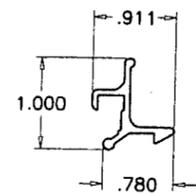
① FRAME HEAD



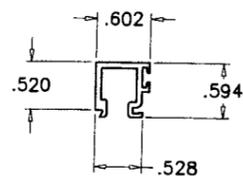
② FRAME SILL



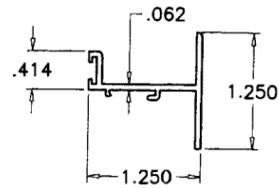
⑩ SILL TRACK



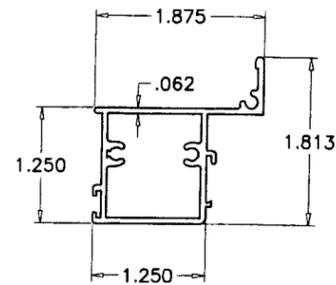
⑫ VENT LATCH



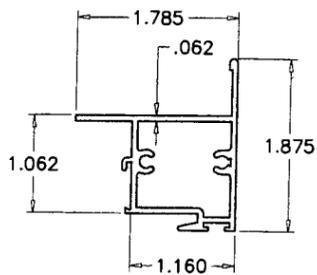
⑨ GLAZING BEAD



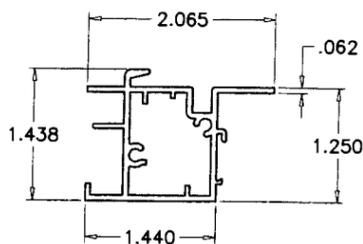
⑦ VENT TOP/BOTTOM RAIL



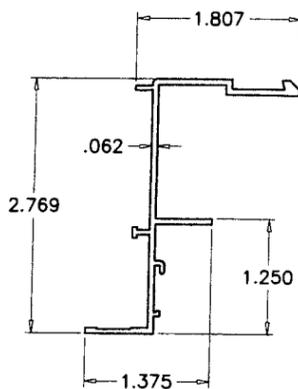
⑧ JAMB STILE



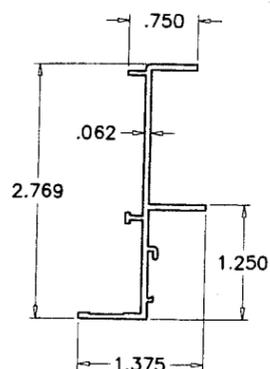
⑥ MEETING RAIL



⑤ FIXED MTG. RAIL



④ FRAME JAMB (FIX)



③ FRAME JAMB (VENT)

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	20-04	1	FRAME HEAD	6063-T5	-
2	25-07	1	FRAME SILL	6063-T5	-
3	25-03A	1	FRAME JAMB VENT	6063-T5	-
4	25-03	1	FRAME JAMB FIX.	-	-
5	20-02	1/ VENT	FIXED RAIL	6063-T5	-
6	20-05	1/ VENT	VENT MEETING RAIL	6063-T5	-
7	20-07	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
8	20-06	1/ VENT	JAMB STILE	6063-T5	-
9	20-08	AS REQD.	GLAZING BEAD	6063-T5	-
10	25-06A	1	SILL TRACK INSERT	6063-T5	-
11	-	-	-	-	-
12	14-89A	2/ VENT	VENT LATCH	6063-T5	AT 10-1/2" FROM ENDS
13	14-6010	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
14	25-5001	4/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	-
15	25-5002	2/ VENT	ROLLER	BRASS/ST. ST.	-
16	25-5003	2/ VENT	ROLLER PIN	ST. STEEL	-
17	25-5004	AS REQD.	BAFFLE	NYLON	-
18	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
19	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
20	-	-	-	-	-
21	20-2001	AS REQD.	BULB W'STRIPPING	FLEX PVC	-
22	4802100	AS REQD.	WOOLPILE W'STRIPPING	-	ULTRAFAB OR EQUIV.
23	-	-	-	-	-
24	-	-	-	-	-
25	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
26	-	AS REQD.	VENT REINFORCING	STEEL	5/8" X 7/8"
27	-	AS REQD.	FIX. RAIL REINFORCING	STEEL	13/32" X 1"

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0812.01  
 Expiration Date 05/03/06  
 By: *M. Shaw*  
 Miami Dade Product Control  
 Division

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

AUG 05 2005

PRODUCT RENEWED  
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 Expiration Date DEC. 8, 2007  
 By: *Manuel Perez*  
 Miami Dade Product Control  
 Division

*afc*

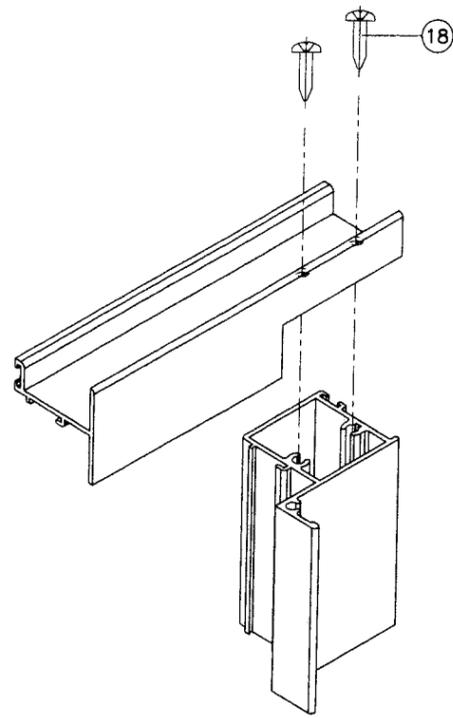
AL-FAROOQ CORPORATION  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-35BVI

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)  
 BELL-VIEW INC.  
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 WRIGHTSVILLE, GA. 31096  
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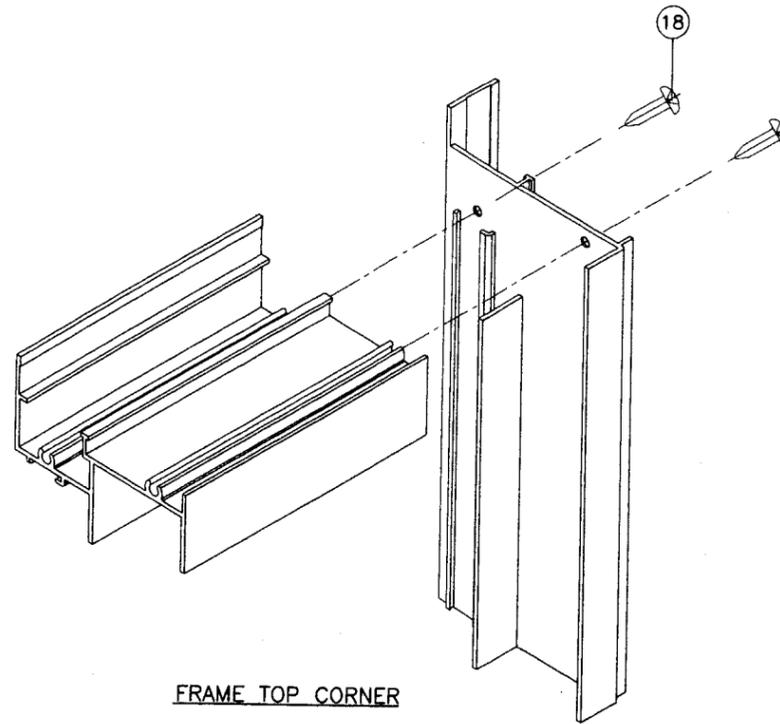
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 chk. by:

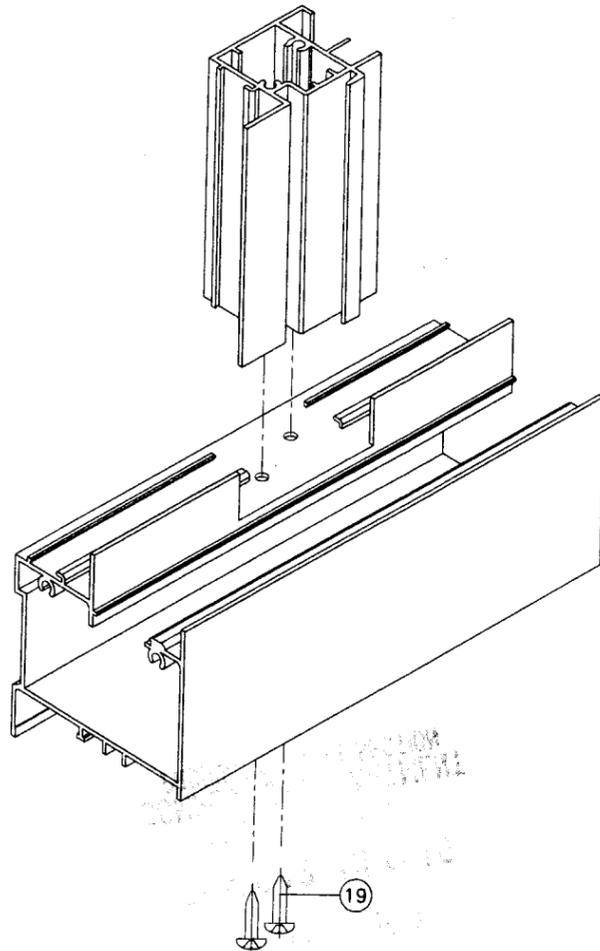
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**W05-35**  
 sheet 6 of 7



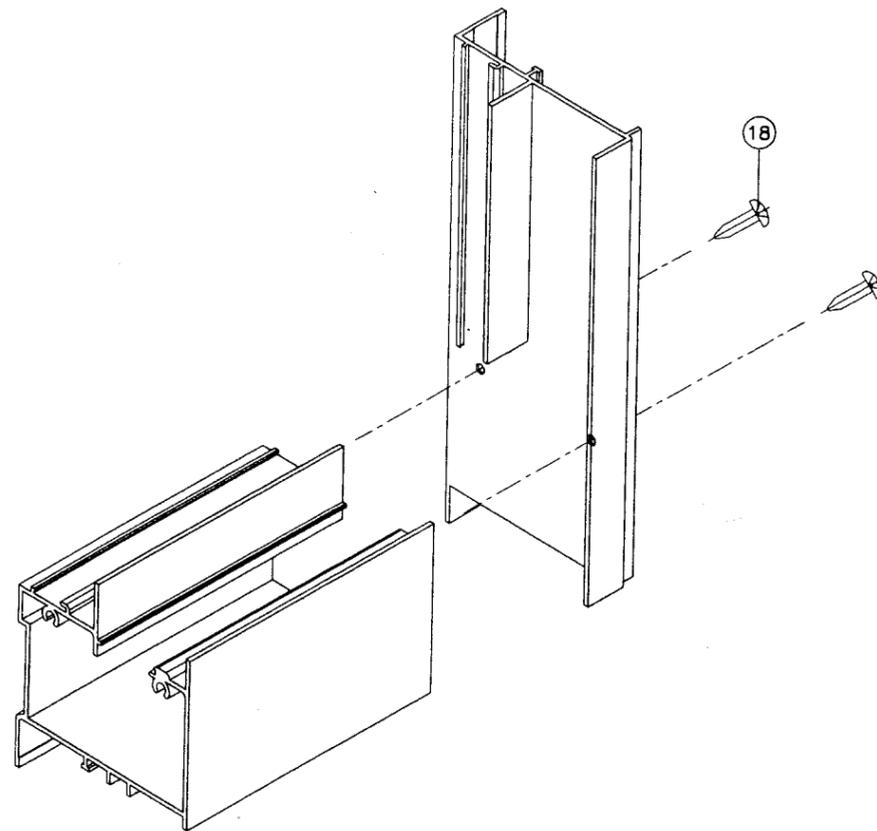
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

**PRODUCT REVISED**  
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 Building Code  
 Acceptance No. 05-0812-01  
 Expiration Date 05/03/06  
 By *M. Shube*  
 Miami Dade Product Control  
 Division

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

AUG 05 2005

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. D6-1208-16  
 Expiration Date DEC. 8, 2007  
 By *Manuel Perez*  
 Miami Dade Product Control  
 Division

revisions:	no	date	by	description

date: 07-24-05  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W05-35**

sheet 7 of 7

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
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COMP-ANL W05-35BVI