



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.buildingcodeonline.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 HS Sliding Window-N.I.

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 Revision 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 **revises and supersedes** NOA # **01-0129.11** 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 **Herminio F. Gonzalez, P.E., Director, BCCO**



mk
10/12/05

NOA No 05-0812.01
Expiration Date: May 07, 2006
Approval Date: November 03, 2005
Page 1

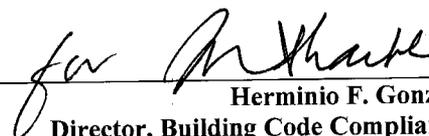
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 203-94along 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 203-94along with marked-up drawings and installation diagram of 3 specimens of XO 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 202-94along with marked-up drawings and installation diagram of 7 specimens of XO 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.
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 202-94along with marked-up drawings and installation diagram of 3 specimen of XO 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"



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0812.01

Expiration Date: May 07, 2006
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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. Revised Anchor Calculations, ASTM-1300-98, and structural analysis, dated 08/01/05, prepared by AL-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.
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. Notarized Bill of Sale transferring ownership and approval documents from Binnings Advantage Holdings, LLC, to Bell-View, Inc., dated 09/09/02, signed by Thomas M. Divine.
2. Statement letter of conformance, dated 08/01/05, signed and sealed by Humayoun Farooq, P.E.
3. Statement letter of no financial interest, dated 08/01/05, signed and sealed by Humayoun Farooq, P.E.
4. Notification letter dated June 27, 2005 from successor engineer to original engineer informing of the transfer and revision of this file, signed by Charles A. Pagen, P.E.
5. Laboratory compliance letter for Laboratory Number: **3261** issued by Fenestration Testing laboratory, dated January 25, 2002, signed & sealed by Luis Figueredo, P.E.
"Submitted under NOA# 01-0129.11"



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0812.01

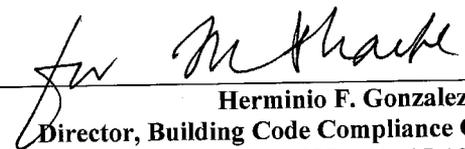
Expiration Date: May 07, 2006
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Bellview, Inc.

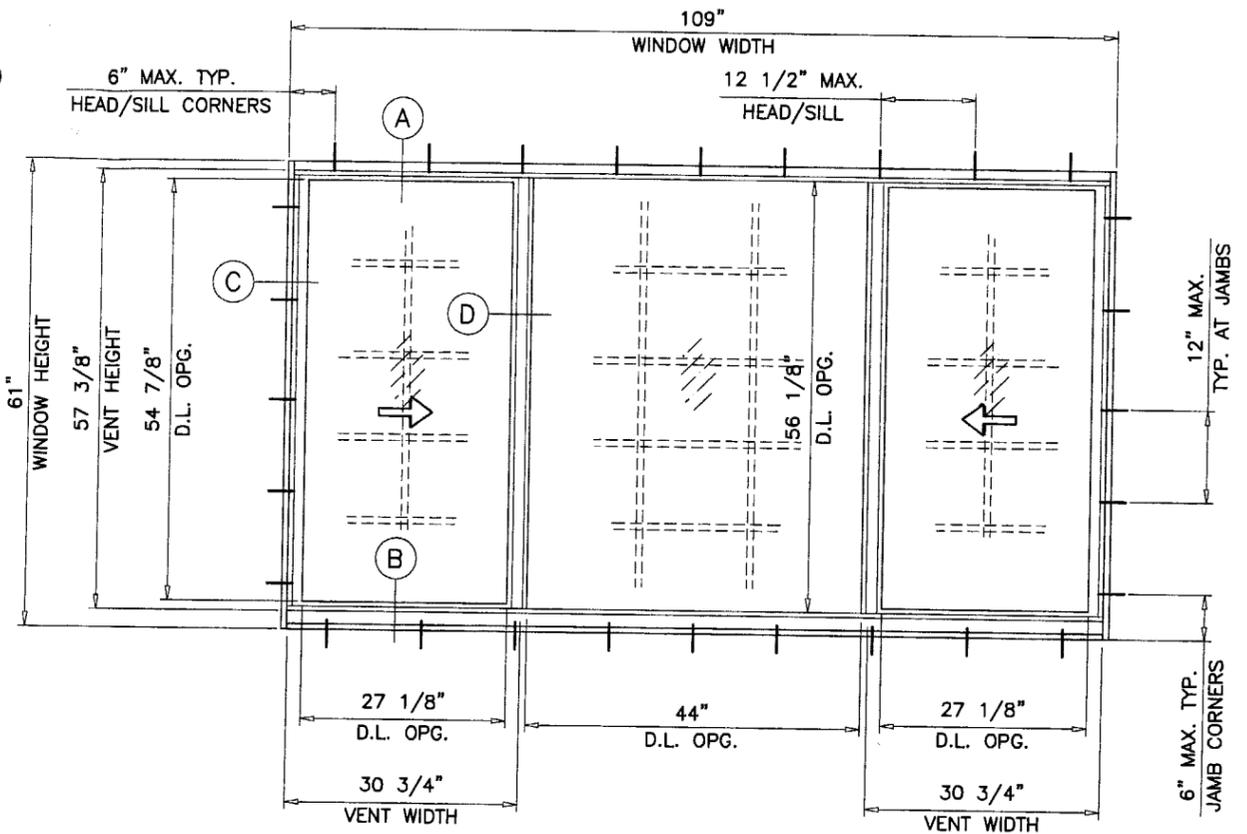
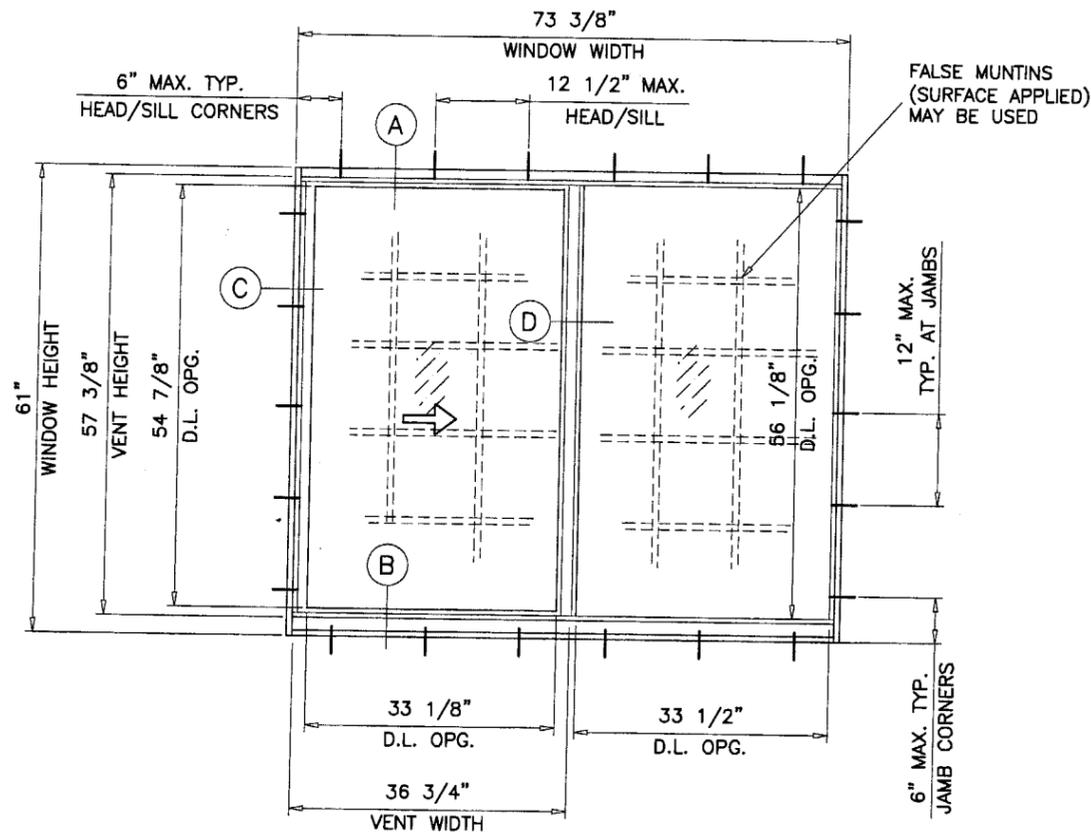
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. Notice of Acceptance No. **01-0129.11**, issued to Binnings Pan American for their "Series PA-25 Horizontal Roller Impact Window," approved on 03/29/01 and expiring on 05/07/06.
2. Letter from the consultant, dated 10/03/05, stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0812.01
Expiration Date: May 07, 2006
Approval Date: November 03, 2005



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

AUG 05 2005

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

MONOLITHIC GLASS
NON IMPACT

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	by description

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

drawing no.
W05-35

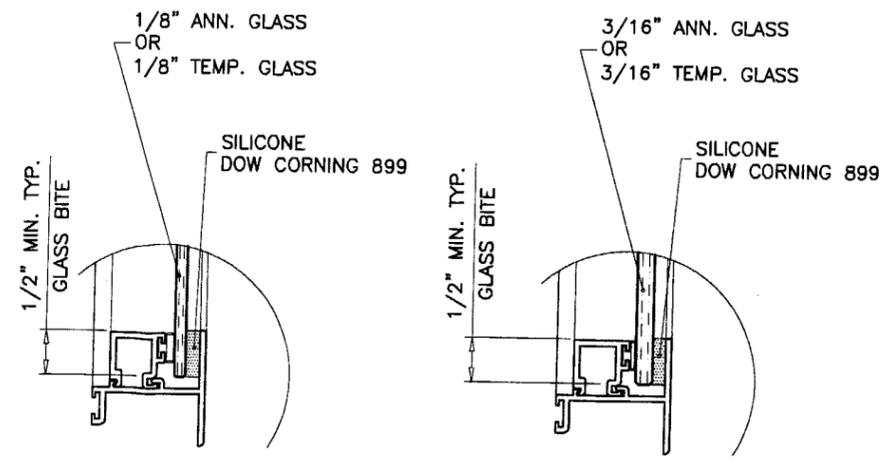
sheet 1 of 7

COMP-ANL\W05-35BVI

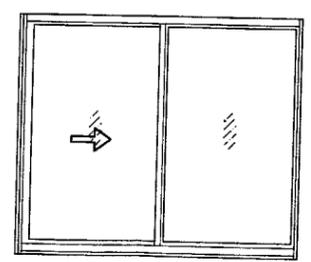
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

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	-	-	69.3	120.0	69.3	120.0
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)

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 118557
C.A.N. 3538

AUG 05 2005

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0812.01
Expiration Date 05/03/06
By *M. Phant*
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.
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:

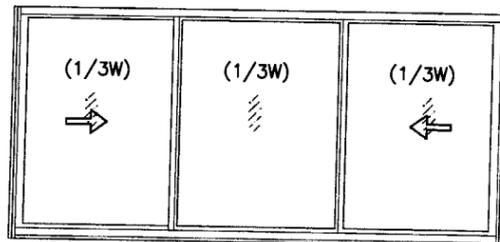
drawing no.
W05-35

sheet 2 of 7

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.(-)
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

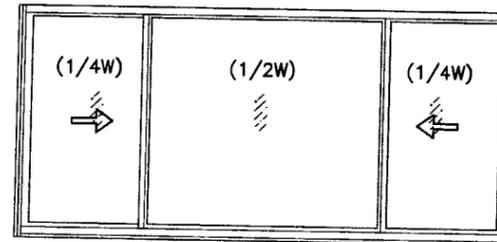


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

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.(-)
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

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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. Khalil*
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

AUG 05 2005

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.)

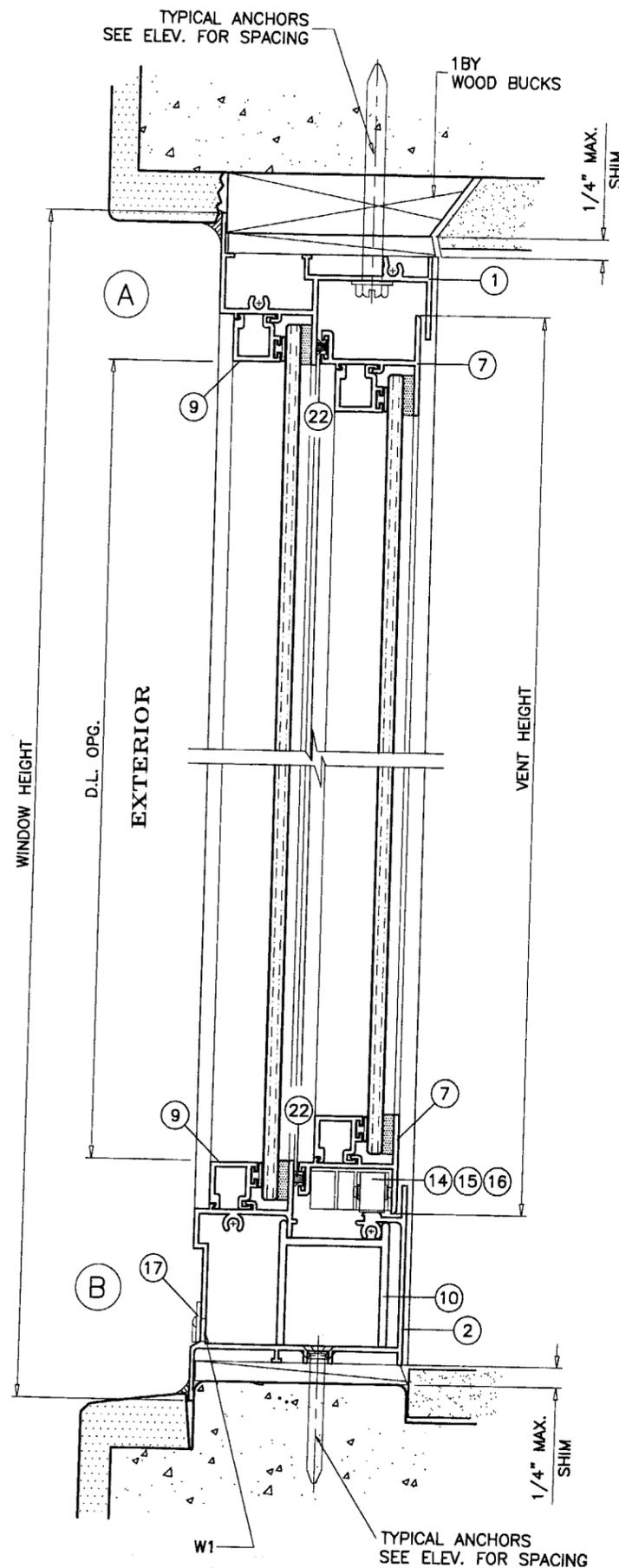
BELL-VIEW INC.
150 INDUSTRIAL BLVD.
WRIGHTSVILLE, GA. 31096
TEL. (478) 864-2227 FAX. (478) 864-2492

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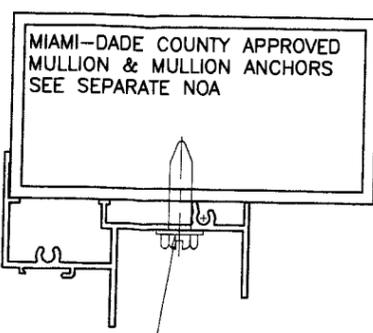
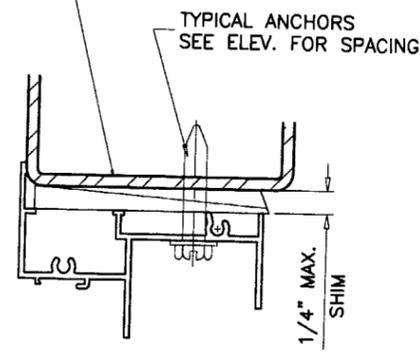
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W05-35

sheet 3 of 7



METAL STRUCTURES
(STEEL OR ALUM. 1/8" MIN. THICK)
STEEL : $F_y = 36$ 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 : $F_y = 36$ 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

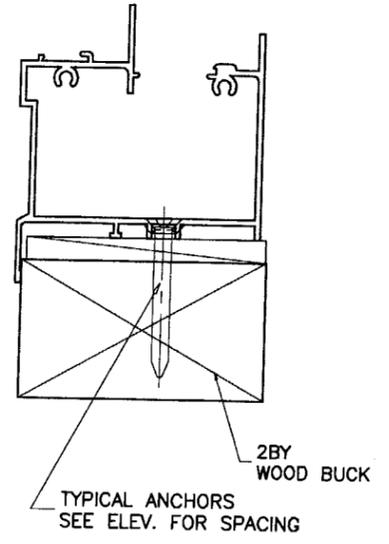
INTO CONCRETE AND MASONRY = 1-1/2" MIN.
INTO WOOD STRUCTURES = 1" MIN.

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
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Acceptance No. 05-0912-01
Expiration Date 03/03/06
By: *M. Khalil*
Miami Dade Product Control
Division

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

AUG 05 2005

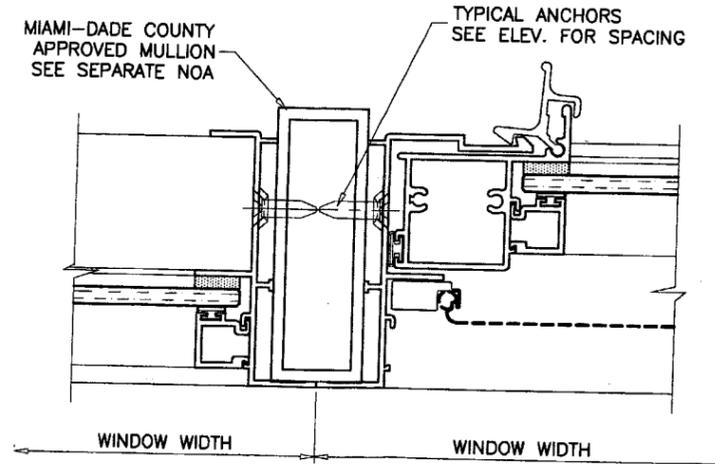
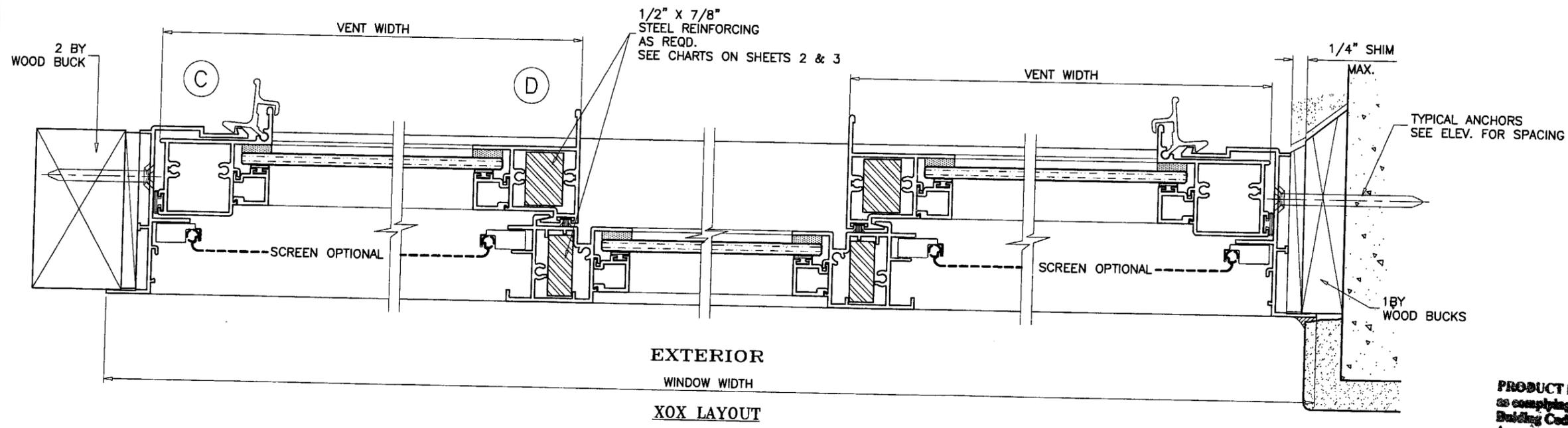
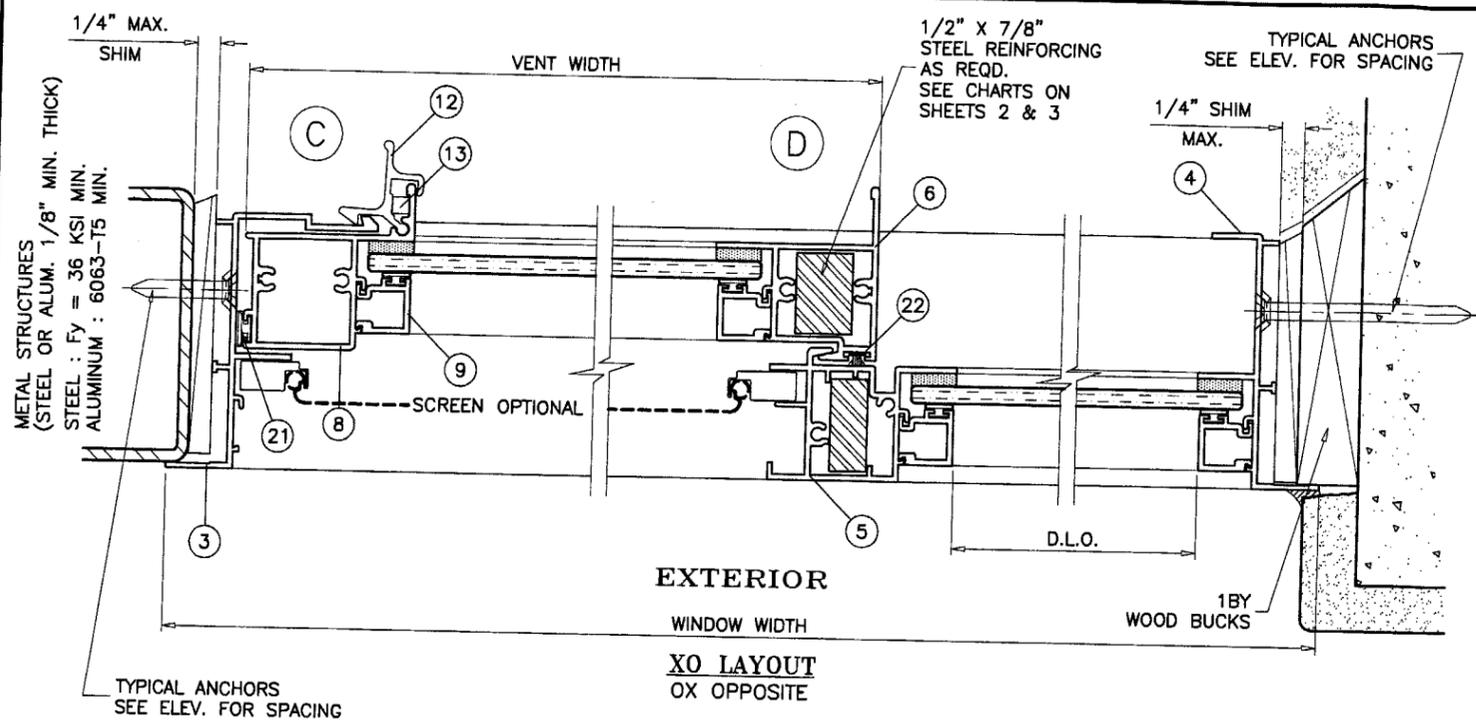
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W05-35BVI

SERIES PA-25 ALUM HORIZ. SLIDING WDW. (N.I.)
BELL-VIEW INC.
150 INDUSTRIAL BLVD.
WRIGHTSVILLE, GA. 31096
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revisions:	
no	date by description

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

drawing no.
W05-35
sheet 4 of 7



Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 18557
 C.A.N. 3538

AUG 05 2005

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. **05-081201**
 Expiration Date **05/03/06**
 By *M. Khalil*
 Miami Dade Product Control
 Division

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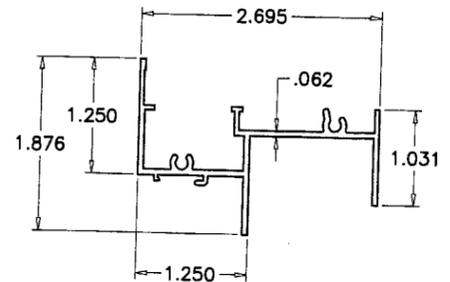
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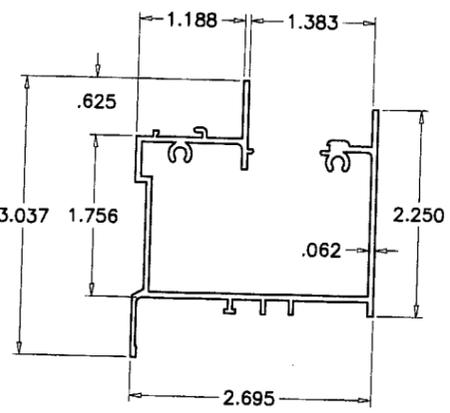
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 chk. by:

drawing no.
W05-35

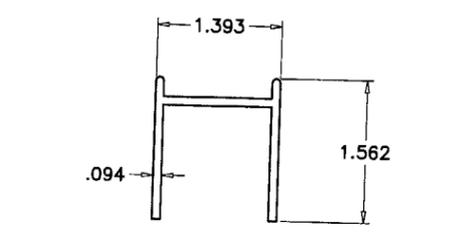
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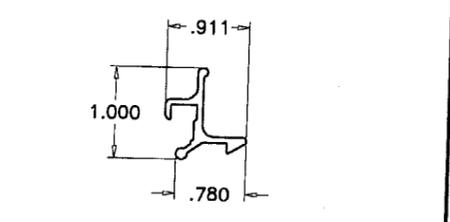
① FRAME HEAD



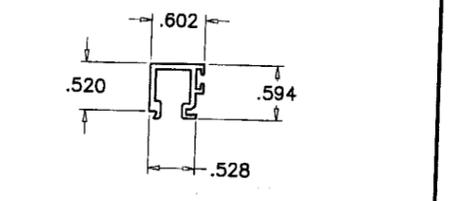
② FRAME SILL



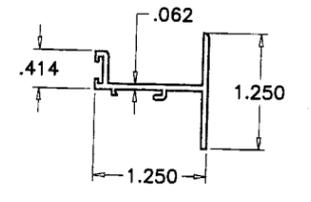
⑩ SILL TRACK



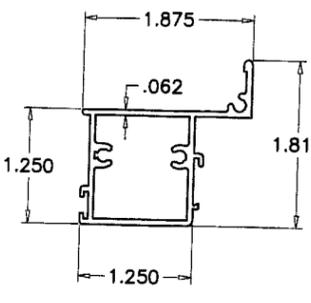
⑫ VENT LATCH



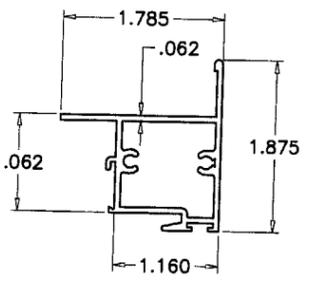
⑨ GLAZING BEAD



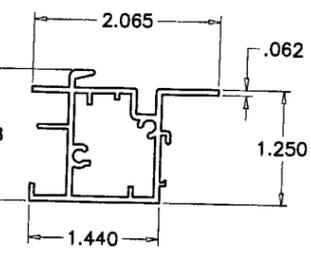
⑦ VENT TOP/BOTTOM RAIL



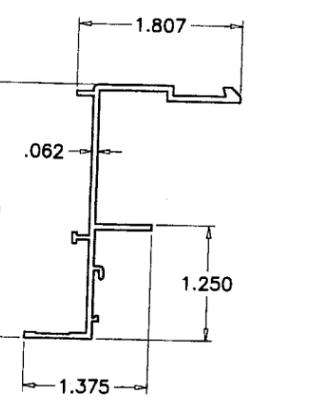
⑧ JAMB STILE



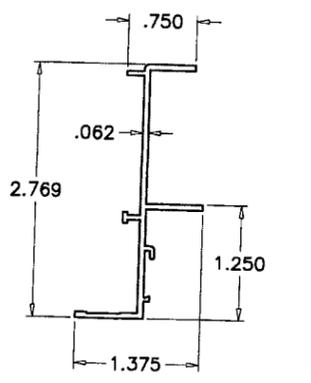
⑥ MEETING RAIL



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
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 By *M. Khair*
 Miami Dade Product Control
 Division

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

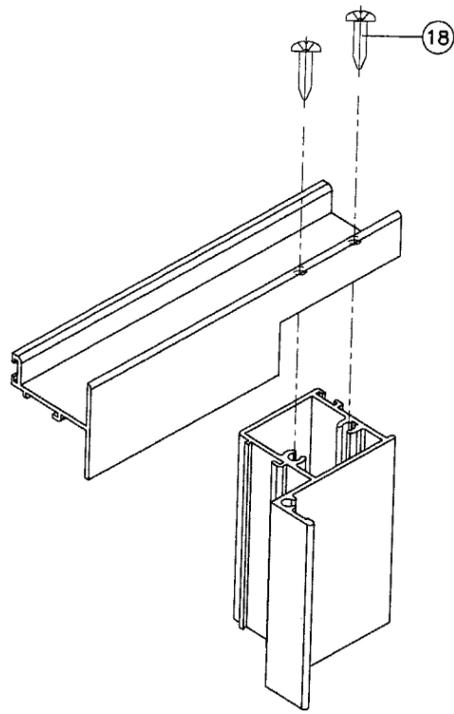
AL-FAROOQ CORPORATION
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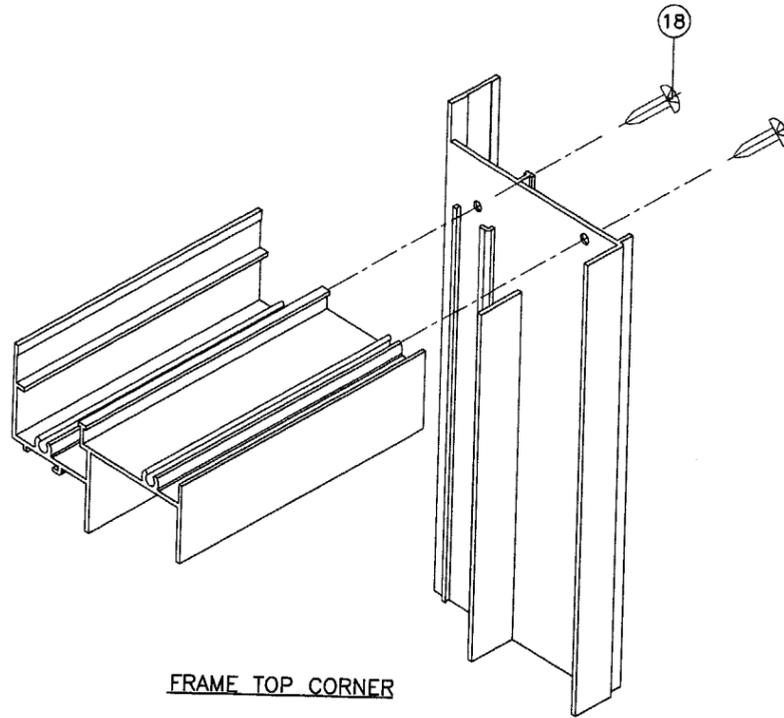
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sheet	6 of 7			

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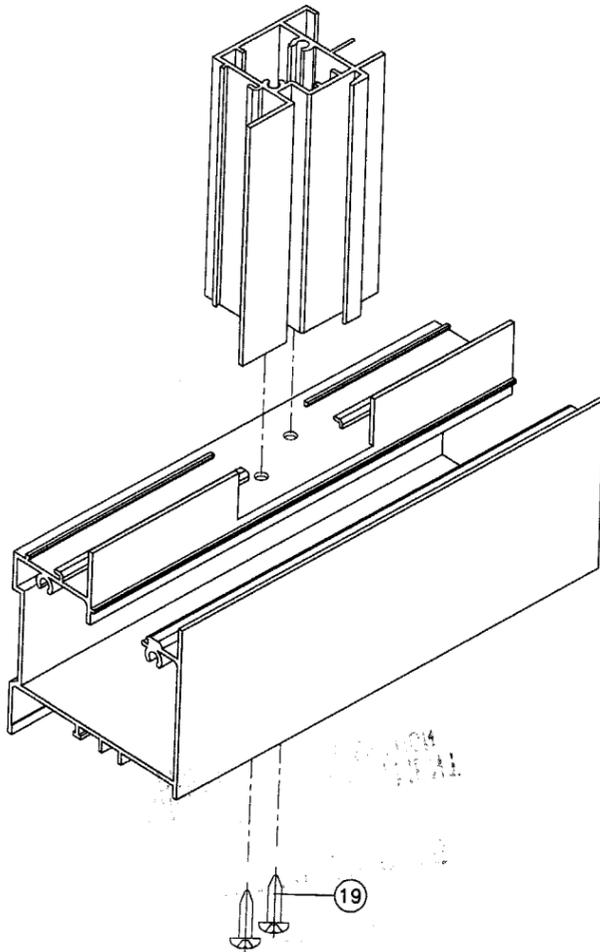
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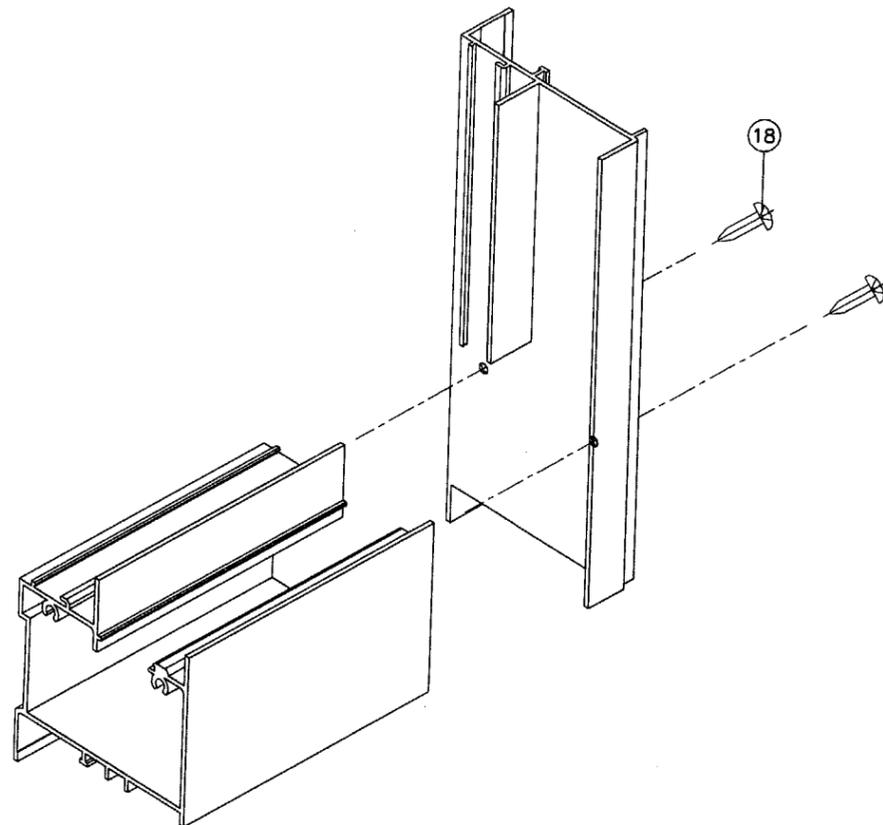
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

PRODUCT REVISED
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 Building Code
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 By: *[Signature]*
 Miami Dade Product Control
 Division

Engr: DR. HUMAYOON FAROOQ
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W05-35

sheet 7 of 7