



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

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Innovative Window Concepts
505 Industrial Way
Boynton Beach, FL 33426

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 1072 Aluminum Single Hung Window- S.M.I.

APPROVAL DOCUMENT: Drawing No. **W03-95**, titled "Series 1072 Alum. Single Hung Window (S.M.I.)", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 10/20/03, with revision "C", dated 02/01/06, 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: Small Missile Impact

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 NOA # **03-1201.04** and consists of this page 1 and evidence pages E-1, as well as the approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



J. Gascon
3/23/06

NOA No 05-1004.01
Expiration Date: February 19, 2009
Approval Date: March 23, 2006
Page 1

Innovative Window Concepts

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-95**, titled "Series 1072 Alum. Single Hung Window (S.M.I.)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 10/20/03, with revision "C", dated 02/01/06, signed and sealed by Humayoun Farooq, 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) Small Missile Impact Test, per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94
6) Force Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by American Test Lab of South Florida, Test Report No. **ATL-0422.02-03**, dated 07/24/03, signed and sealed by Henry Hattem, P.E. *"Submitted under NOA# 03-1201.04"*

C. CALCULATIONS

1. Revised Anchor calculations, and structural analysis, prepared by AL-Farooq Corporation on 09/03/05, signed and sealed by Humayoun Farooq, P.E. **Complies with ASTM E 1300-98**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

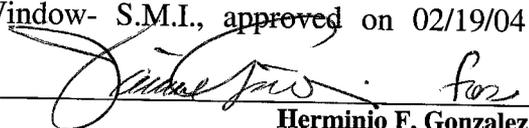
1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for "Saflex/Keepsafe Maximum", dated 05/17/01, expiring on 05/21/06.
2. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass ® Plus", dated 01/17/02, expiring on 01/14/07.

F. STATEMENTS

1. Statement letter of compliance and no financial interest, dated October 25, 2003, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Notice of Acceptance No. **03-1201.04**, issued to Innovative Window Concepts, for "Series 1072 Single Hung Window- S.M.I., approved on 02/19/04 and expiring on 02/19/09.


Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-1004.01

Expiration Date: February 19, 2009

Approval Date: March 23, 2006

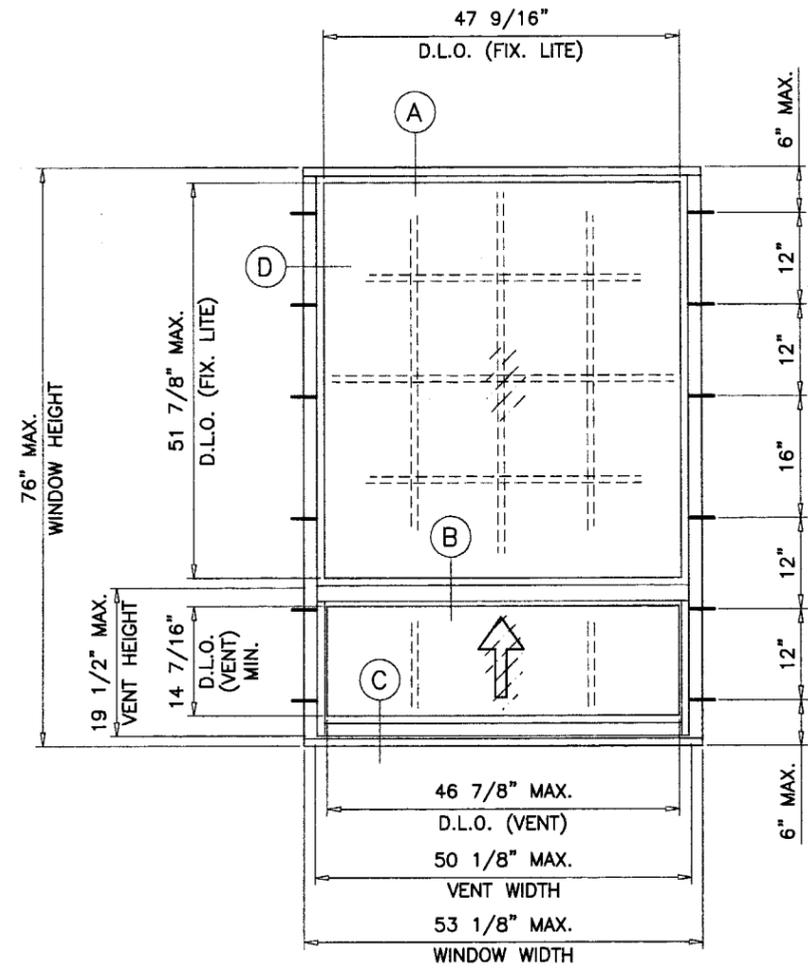
UNEQUAL LITES WINDOWS				
DESIGN LOAD CAPACITY - PSF				
FLANGE DIMS.		STD. ANCHOR SPACING		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	
19-1/8"	50-5/8"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(4)	90.0	160.0
37"		(4)	90.0	145.1
40"		(4)	90.0	134.3
48"	(4)	90.0	111.9	
53-1/8"	(4)	90.0	101.1	
19-1/8"	63"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(5)	90.0	160.0
37"		(5)	90.0	145.8
40"		(5)	90.0	134.9
48"	(5)	90.0	112.4	
53-1/8"	(5)	90.0	101.5	
19-1/8"	76"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(6)	90.0	160.0
37"		(6)	90.0	140.0
40"		(6)	90.0	134.1
48"	(6)	90.0	111.8	
53-1/8"	(6)	90.0	101.0	
19-1/8"	84"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(7)	90.0	140.0
37"		(7)	90.0	140.0
40"		(7)	90.0	140.0
19-1/8"	96"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(8)	90.0	140.0
37"		(8)	90.0	140.0
40"		(8)	90.0	140.0

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

UNEQUAL LITES WINDOWS				
DESIGN LOAD CAPACITY - PSF				
FLANGE DIMS.		EXTRA JAMB ANCHORS		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	
19-1/8"	50-5/8"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(6)	90.0	160.0
37"		(6)	90.0	160.0
40"		(6)	90.0	160.0
48"	(6)	90.0	160.0	
53-1/8"	(6)	90.0	151.6	
19-1/8"	63"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(7)	90.0	160.0
37"		(7)	90.0	160.0
40"		(7)	90.0	160.0
48"	(7)	90.0	140.0	
53-1/8"	(7)	90.0	140.0	
19-1/8"	76"	90.0	160.0	
24"		90.0	160.0	
26-1/2"		90.0	160.0	
32"		(8)	90.0	160.0
37"		(8)	90.0	140.0
40"		(8)	90.0	140.0
48"	(8)	90.0	140.0	
53-1/8"	(8)	90.0	127.3	

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

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



WINDOWS RATED FOR SMALL MISSILE IMPACT. SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQUIRED FOR INSTALLATIONS ABOVE 30 FT.

SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 1 AND 2.

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 AND ASTM E1300-98.

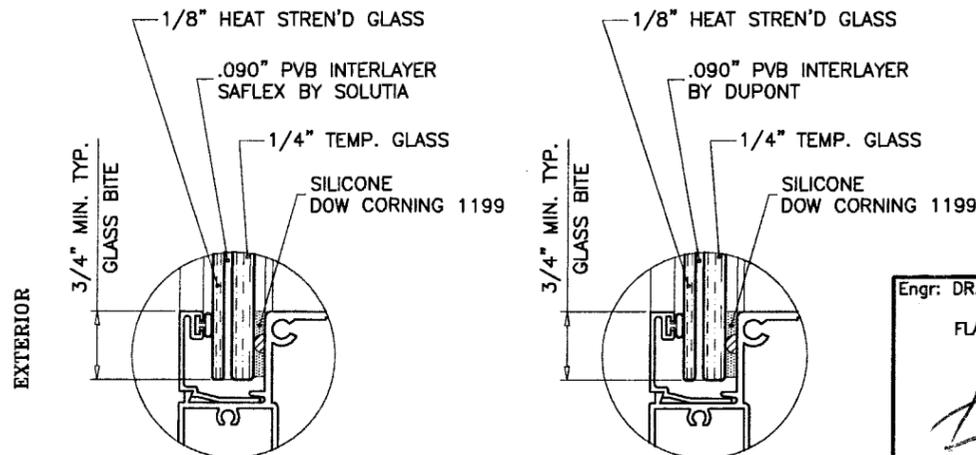
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.



GLAZING OPTIONS

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

FEB 10 2006

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-1004.01
 Expiration Date 02/19/09
 By: [Signature]
 Miami Dade 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 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)
INNOVATIVE WINDOW CONCEPTS
 505 INDUSTRIAL WAY
 BOYNTON BEACH, FL. 33426
 TEL. (561) 493-2303 FAX. (561) 493-2302

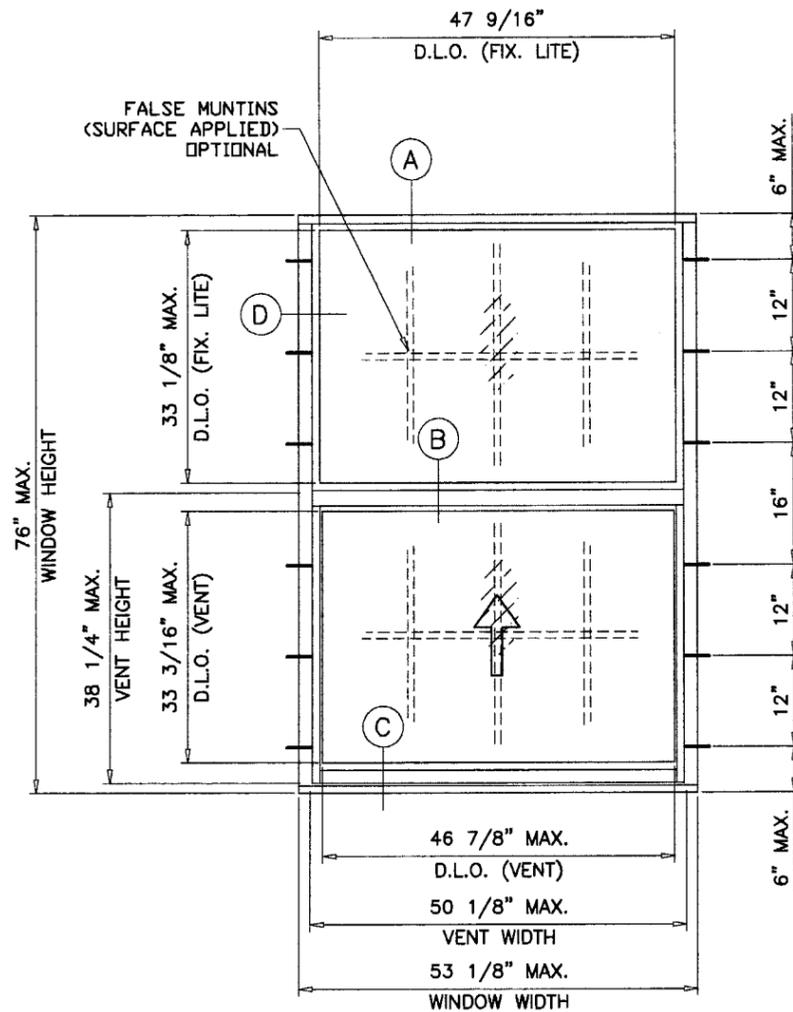
date:	10-20-03
scale:	1/2"=1'-0"
dr. by:	HAMID
chk. by:	
drawing no.:	W03-95
sheet 1 of 5	

EQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		STD. ANCHOR SPACING	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (2)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	141.3
40"		90.0	130.7
48"		90.0	108.9
19-1/8"	38-3/8" (3)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	143.6
40"		90.0	132.8
48"		90.0	110.7
53-1/8"	90.0	100.0	
19-1/8"	50-5/8" (4)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	145.1
40"		90.0	134.3
48"		90.0	111.9
53-1/8"	90.0	101.1	
19-1/8"	63" (5)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	145.8
40"		90.0	134.9
48"		90.0	112.4
53-1/8"	90.0	101.5	
19-1/8"	76" (6)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	145.0
40"		90.0	134.1
48"		90.0	111.8
53-1/8"	90.0	101.0	
19-1/8"	84" (7)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	153.1
40"		90.0	141.6
48"		90.0	118.0
19-1/8"	96" (8)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	153.1
40"		90.0	141.6

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

EQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		EXTRA JAMB ANCHORS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (3)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	160.0
19-1/8"	38-3/8" (5)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	160.0
53-1/8"	90.0	160.0	
19-1/8"	50-5/8" (6)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	160.0
53-1/8"	90.0	151.6	
19-1/8"	63" (7)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	157.3
53-1/8"	90.0	142.2	
19-1/8"	76" (8)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	149.1
53-1/8"	90.0	134.7	
19-1/8"	84" (8)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	160.0
48"		90.0	134.9
19-1/8"	96" (9)	90.0	160.0
24"		90.0	160.0
26-1/2"		90.0	160.0
32"		90.0	160.0
37"		90.0	160.0
40"		90.0	159.3

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



EQUAL LITES
TYPICAL ELEVATION
TESTED UNIT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-1004.01
Expiration Date 02/19/09
By *[Signature]*
Miami Date Product Control
Division

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

FEB 10 2006

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

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

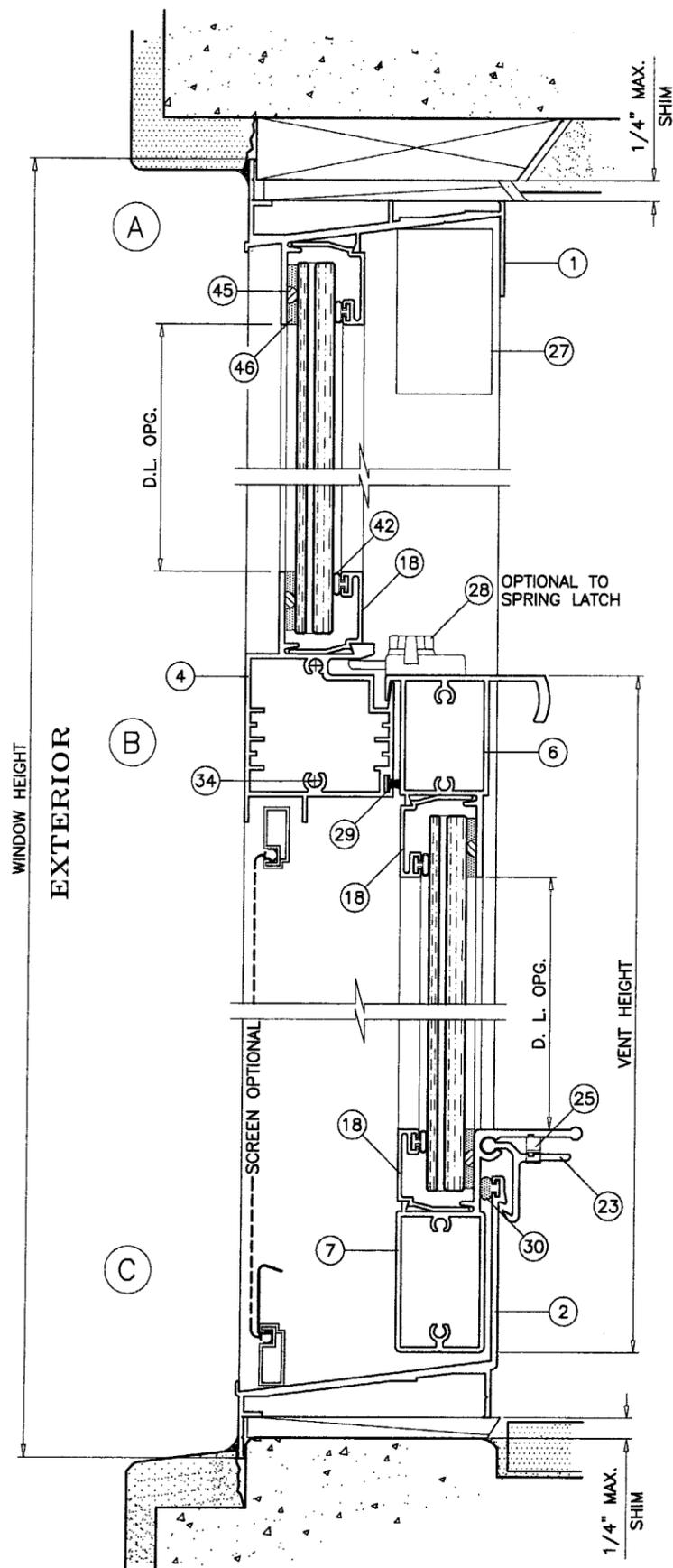
SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)
INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

no	date	description
A	01.13.04	NO CHANGE THIS SHEET
B	09.06.05	CHARTS REV.
C	02.01.06	REV. PER BCCO COMMENTS

date: 10-20-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W03-95
sheet 2 of 5

COMP-ANL\W03-95IWS



WOOD BUCKS NOT BY I.W.C., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS

INTO WOOD STRUCTURES
 2" MIN. PENETRATION INTO WOOD
 THRU 1BY OR 2BY 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

3/16" TEKS OR SELF DRILLING SCREWS

INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
 (1/4" MAX. SHIM SPACE)

#10 SMS OR SELF DRILLING SCREWS

INTO DADE COUNTY APPROVED MULLIONS
 (NO SHIM SPACE)

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-1004.01
 Expiration Date 02/19/09
 By *[Signature]*
 Miami Dade Product Control
 Division

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

[Signature]
 FEB 10 2006

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\W03-95IWS

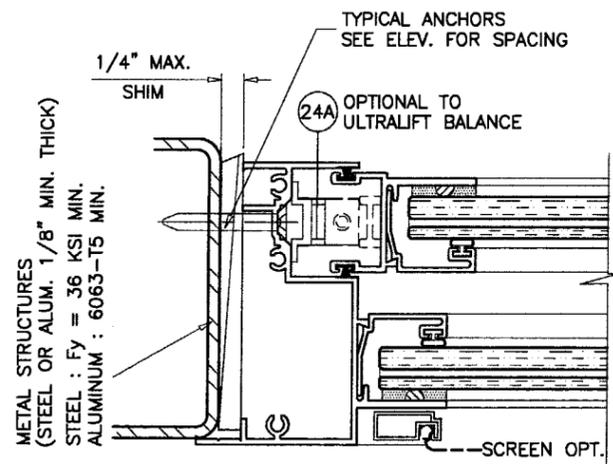
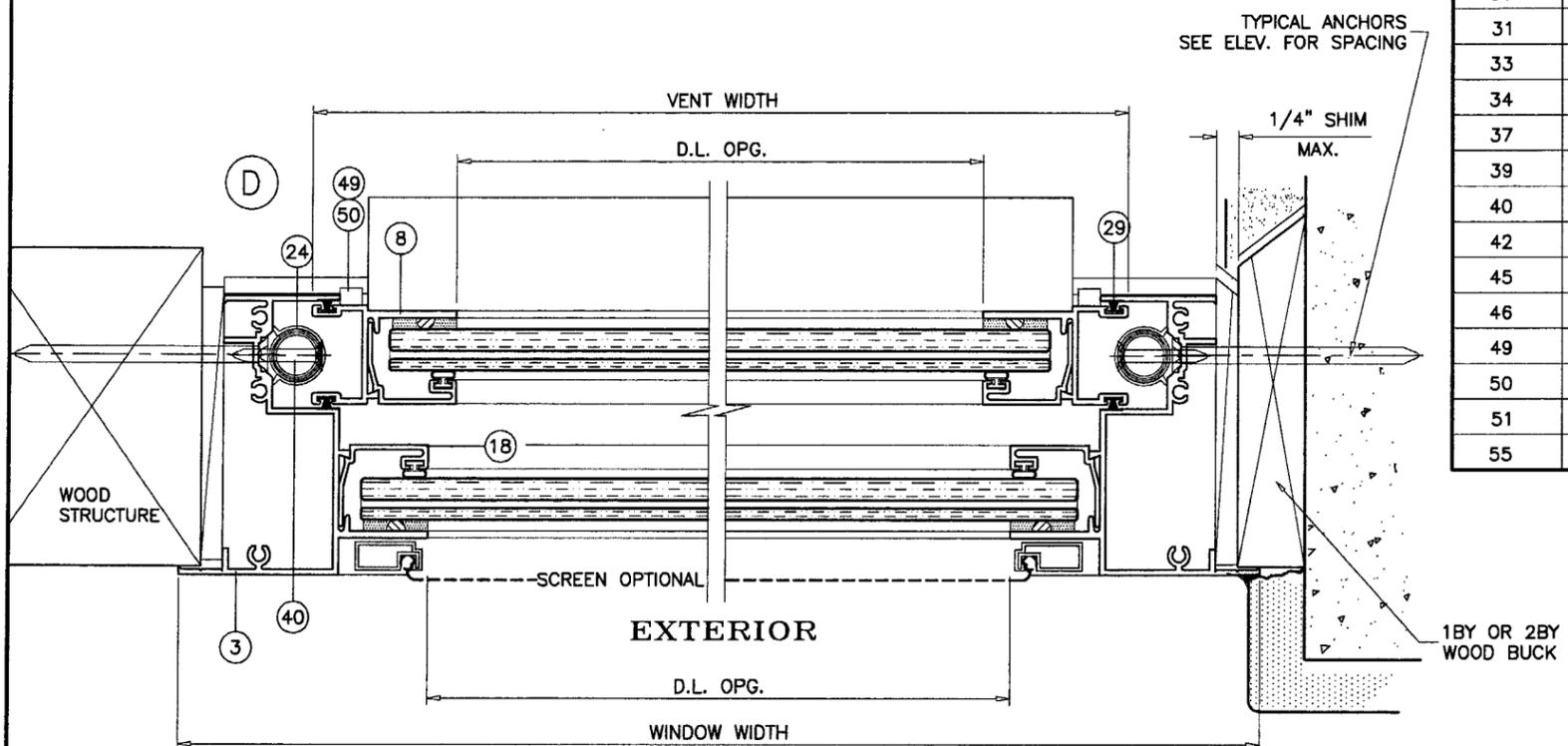
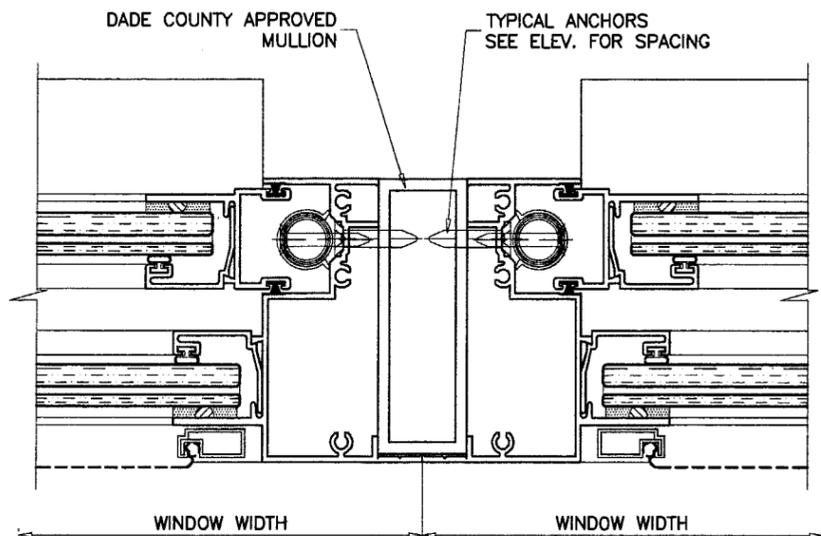
SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)
INNOVATIVE WINDOW CONCEPTS
 505 INDUSTRIAL WAY
 BOYNTON BEACH, FL. 33426
 TEL. (561) 493-2303 FAX. (561) 493-2302

no	date	description
A	01.13.04	NO CHANGE THIS SHEET
B	09.06.05	ANCHORS REV.
C	02.01.06	REV. PER BCCO COMMENTS

date: 10-20-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W03-95

sheet 3 of 5



ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	021-029	1	FRAME HEAD	6063-T5	ARCH ALUM.
2	021-002	1	FRAME SILL	6063-T5	ARCH ALUM.
3	021-005	2	FRAME JAMB	6063-T6	ARCH ALUM.
4	022-007	1	MTG. RAIL	6063-T5	ARCH ALUM.
6	022-004	1	VENT TOP RAIL	6063-T5	ARCH ALUM.
7	022-001	1	VENT BOTTTOM RAIL	6063-T5	ARCH ALUM.
8	021-003	2	VENT SIDE RAIL	6063-T5	ARCH ALUM.
18	021-011	4/	LITE GLAZING BEAD	6063-T5	ARCH ALUM.
23	021-008	2/	VENT SNAP LATCH (2 @ 3\"/>		

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-1004.01
 Expiration Date: 02/19/09
 By: *[Signature]*
 Miami Dade Product Control
 Division

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

[Signature]
 FEB 10 2006

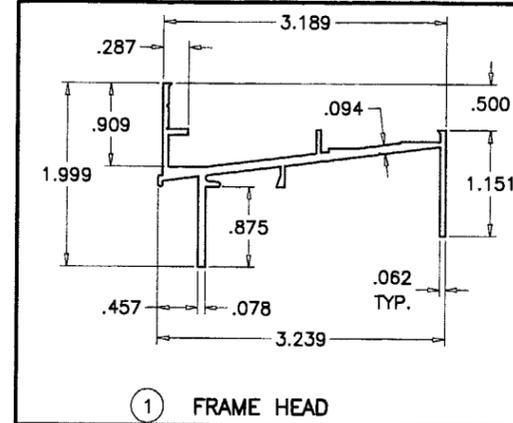
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)
INNOVATIVE WINDOW CONCEPTS
 505 INDUSTRIAL WAY
 BOYNTON BEACH, FL. 33426
 TEL. (561) 493-2303 FAX. (561) 493-2302

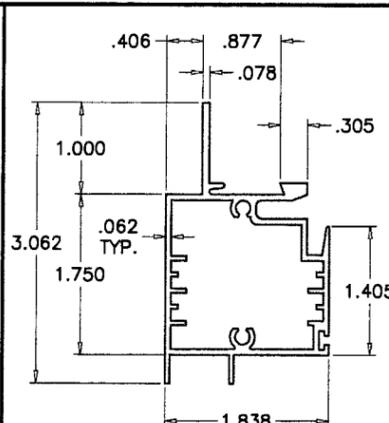
no	date	by	description
A	01.13.04		NO CHANGE THIS SHEET
B	09.06.05		NO CHANGE THIS SHEET
C	02.01.06		REV. PER BCCO COMMENTS

date: 10-20-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

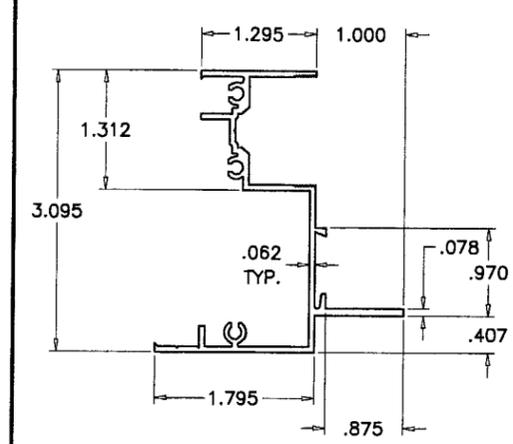
drawing no.
W03-95
 sheet 4 of 5



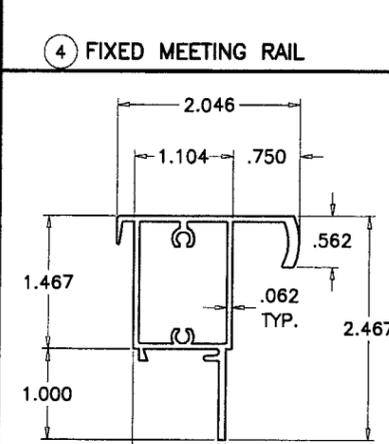
① FRAME HEAD



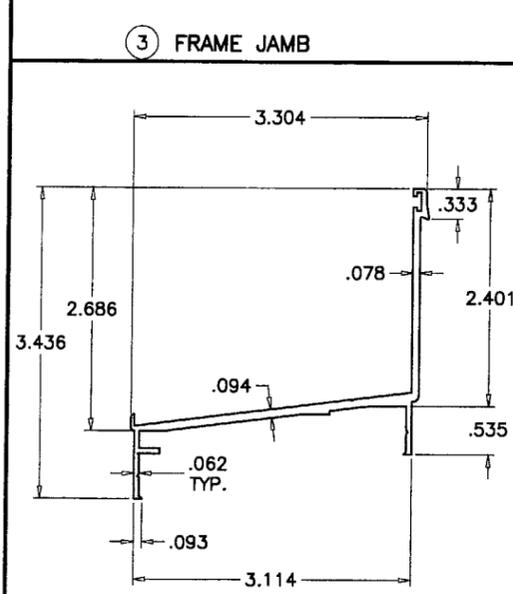
④ FIXED MEETING RAIL



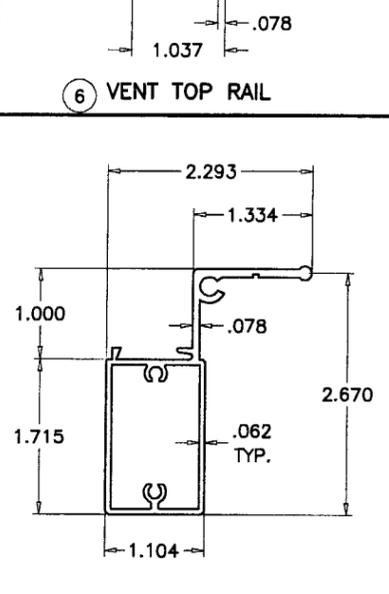
③ FRAME JAMB



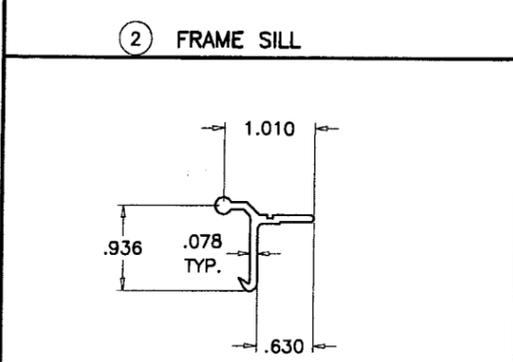
⑥ VENT TOP RAIL



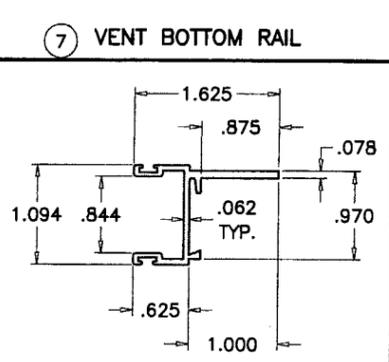
② FRAME SILL



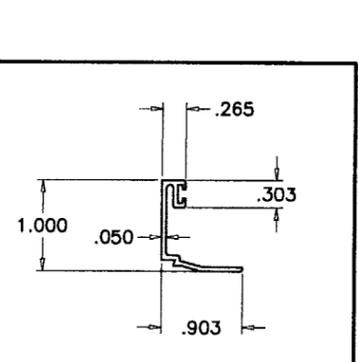
⑦ VENT BOTTOM RAIL



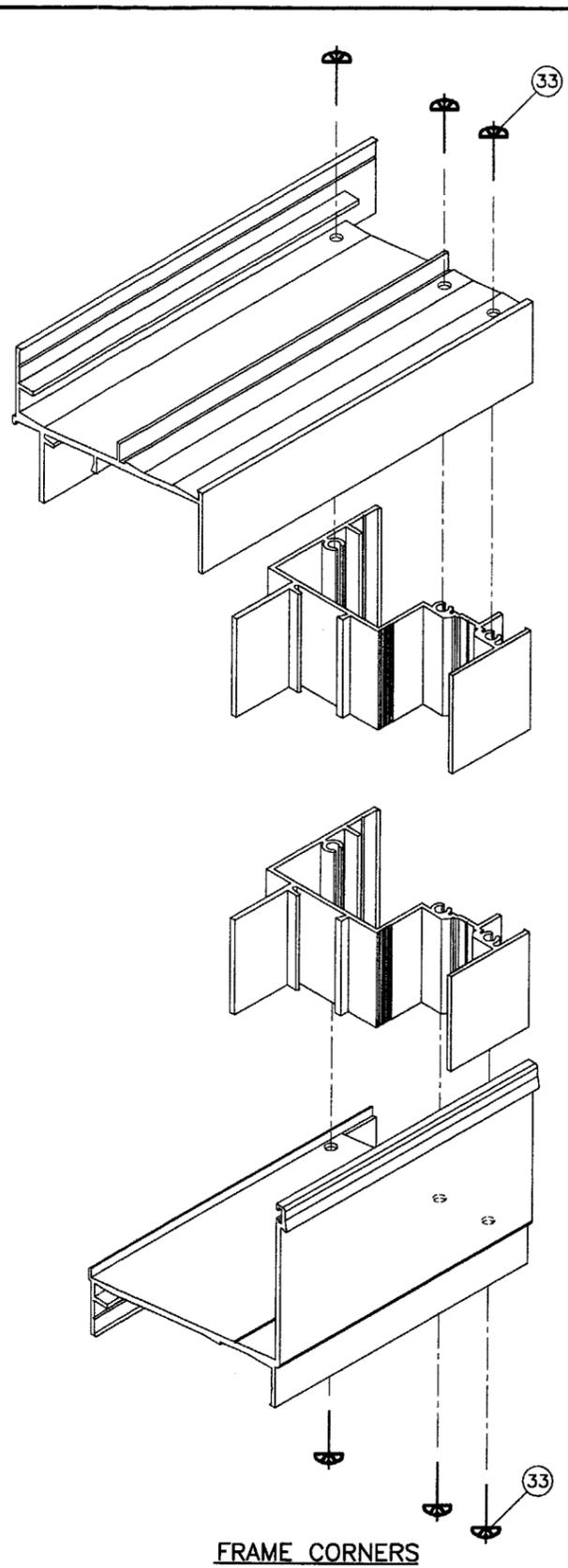
②③ LATCH



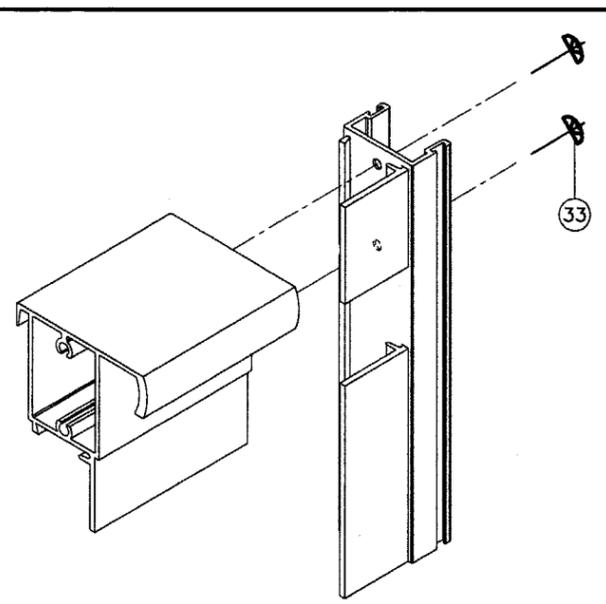
⑧ VENT SIDE RAIL



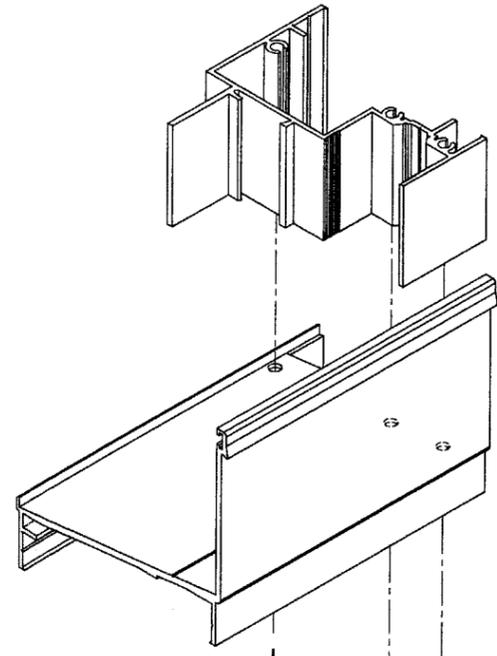
⑱ GLAZING BEAD



FRAME CORNERS



VENT TOP CORNER



VENT BOTTOM CORNER

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

FEB 10 2006

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-1004.01
Expiration Date 02/19/09
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
COMP-ANL\W03-95IWS

SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)
INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

no	date	by	description
A	01.13.04	REV. PER BCCO COMMENTS	
B	09.06.05	NO CHANGE THIS SHEET	
C	02.01.06	NO CHANGE THIS SHEET	

date: 10-20-03	scale: 1/2" = 1"
dr. by: HAMID	chk. by:

drawing no.
W03-95
sheet 5 of 5