



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Yale Ogron Manufacturing Co., Inc.
671 West 18 Street
Hialeah, FL 33010

Your application for Notice of Acceptance (NOA) of:

Series 1400 Outswing Aluminum Casement Window - Impact Resistant

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0814.07
EXPIRES: 10/25/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 10/25/2001

Yale Ogron Manufacturing Co. Inc.

ACCEPTANCE No.: 01-0814.07

APPROVED : October 25, 2001

EXPIRES : October 25, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This approves an aluminum casement window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

2.1 The Series "1400" Outswing Aluminum Casement Window and its components shall be constructed in strict compliance with the following documents: Drawing No. W01-52, Sheets 1 through 5 of 5, titled "Series-1400 Aluminum Casement Window," prepared by Al Farooq Corporation, dated 08/01/01 and last revised on 09-14-01, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to single unit applications, as shown in the approved drawings.
3.2 For Design Pressure Rating vs. Window Size, see Comparative Analysis Tables in approved drawings.

4. INSTALLATION

4.1 The aluminum casement window and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): the installation of this unit will not require a hurricane protection system.

5. LABELING

5.1 Each window unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 The Notice of Acceptance of applicable mullion at the astragal location.
6.1.3 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.4 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Yale Ogron Manufacturing Co. Inc.

ACCEPTANCE No.: 01-0814.07

APPROVED : October 25, 2001

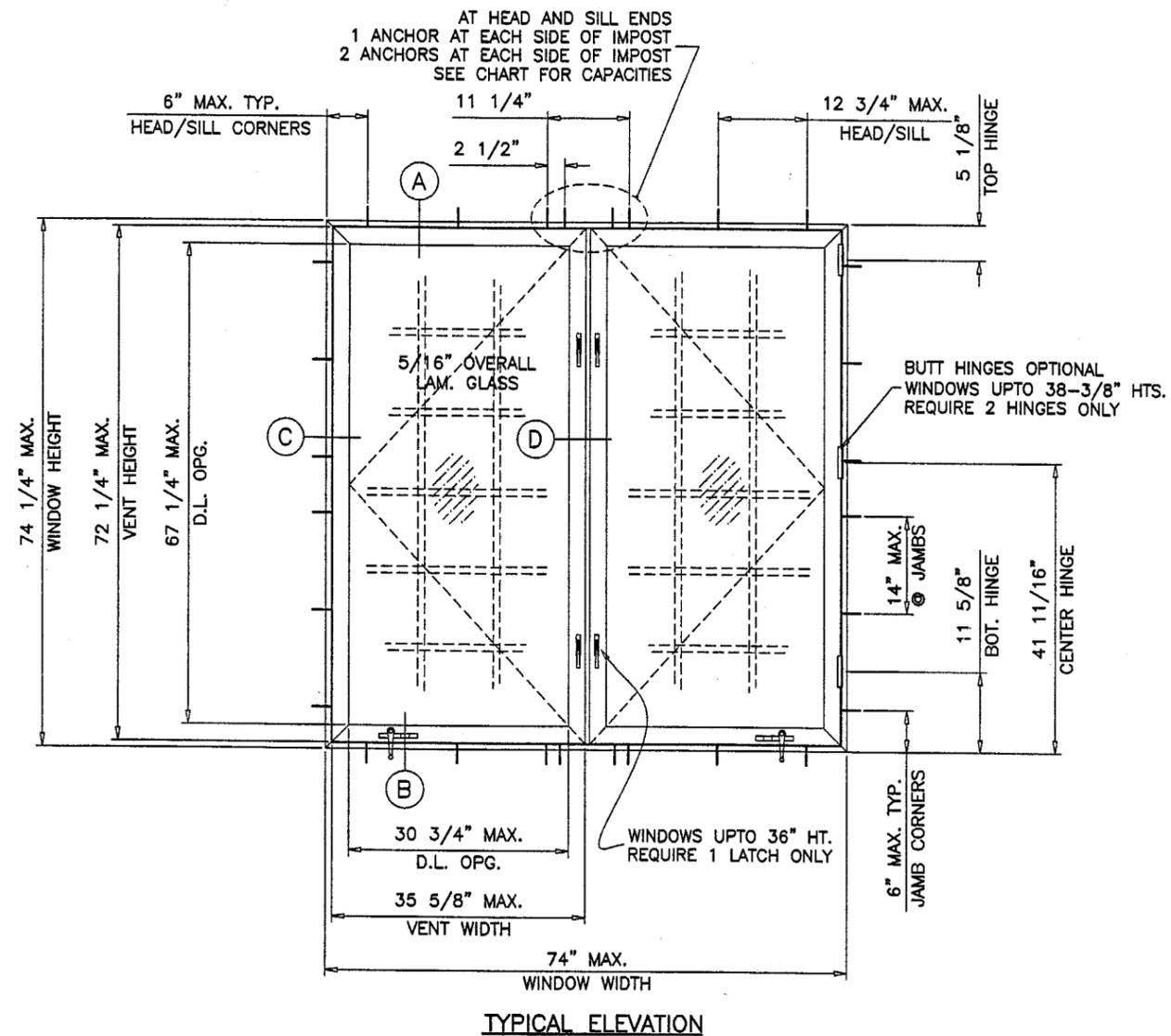
EXPIRES : October 25, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process,
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

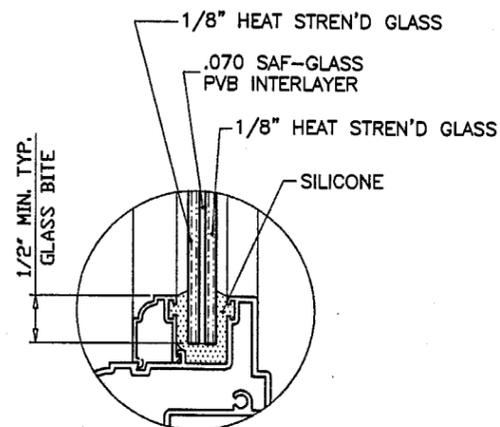


TYPICAL ELEVATION

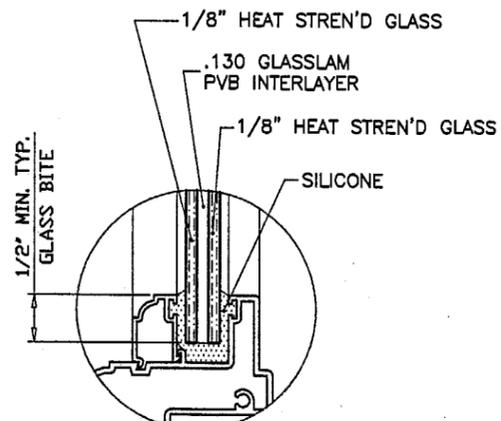
NOTES:

1. THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

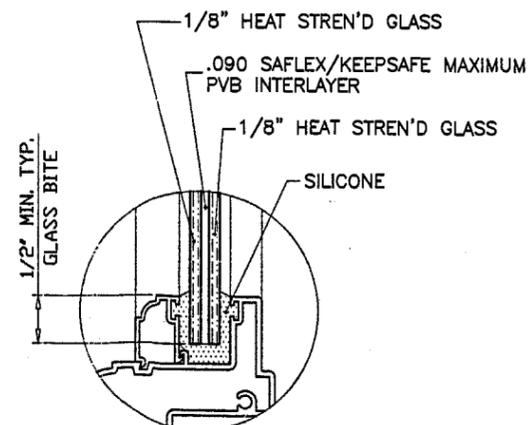
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE OCTOBER 25, 2001
 BY Shag I. Chawla
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0814.07



5/16" THICK NOMINAL IMPACT GLASS
 LAMINATED BY SECURITY IMPACT GLASS
 SHUTTERS NOT REQUIRED



5/16" THICK NOMINAL IMPACT GLASS
 LAMINATED BY UNITED GLASS LAMINATING INC
 SHUTTERS NOT REQUIRED



5/16" THICK NOMINAL IMPACT GLASS
 LAMINATED BY ARCH ALUM
 SHUTTERS NOT REQUIRED

GLAZING OPTIONS

Engr: DR. HUMAYUN FAROOQ
 STRUCTURES
 FLA. PE # 16557

SEP 18 2001

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W01-52YO

SERIES-1400 ALUMINUM CASEMENT WINDOW
YALE OGRON MFG. CO. INC.
 671 WEST 18TH ST.
 HIALEAH, FL. 33010-2480
 TEL (305) 887-2646 FAX (305) 883-1309

revisions:	no	date	by	description
	A	09.14.01		REV. PER BCCO COMMENTS

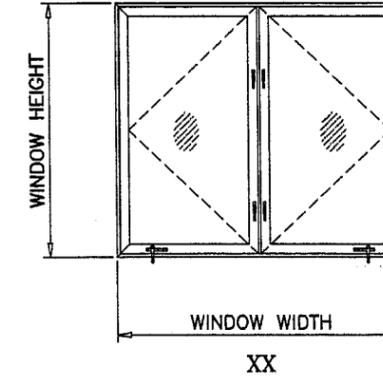
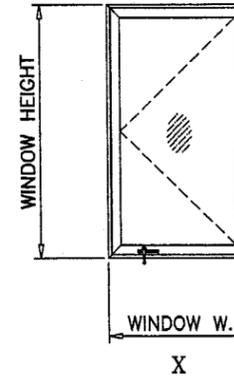
date: 08-08-01	scale: 1/2" = 1"
dr. by: HAMID	chk. by:

drawing no.	W01-52
sheet 1 of 5	

DESIGN LOAD CAPACITY - PSF FOR (X) SIZES				
WINDOW DIMS.		N	5/16" LAM. GLASS	
WIDTH	HEIGHT		EXT. (+)	INT. (-)
19-1/8"	26"	2	75.0	75.0
26-1/2"		2	75.0	75.0
37"		2	75.0	75.0
19-1/8"	38-3/8"	3	75.0	75.0
26-1/2"		3	75.0	75.0
37"		3	75.0	75.0
19-1/8"	50-5/8"	4	75.0	75.0
26-1/2"		4	75.0	75.0
37"		4	75.0	75.0
19-1/8"	63"	5	75.0	75.0
26-1/2"		5	75.0	75.0
37"		5	75.0	75.0
19-1/8"	74-1/4"	6	75.0	75.0
26-1/2"		6	75.0	75.0
37"		6	75.0	66.0
12"	24"	2	75.0	75.0
18"		2	75.0	75.0
24"		2	75.0	75.0
30"		2	75.0	75.0
36"		2	75.0	75.0
12"	36"	3	75.0	75.0
18"		3	75.0	75.0
24"		3	75.0	75.0
30"		3	75.0	75.0
36"		3	75.0	75.0
12"	48"	4	75.0	75.0
18"		4	75.0	66.0
24"		4	75.0	75.0
30"		4	75.0	75.0
36"		4	75.0	75.0
12"	60"	5	75.0	75.0
18"		5	75.0	75.0
24"		5	75.0	75.0
30"		5	75.0	75.0
36"		5	75.0	75.0
12"	72"	6	75.0	75.0
18"		6	75.0	75.0
24"		6	75.0	75.0
30"		6	75.0	75.0
36"		6	75.0	75.0

DESIGN LOAD CAPACITY - PSF FOR (XX) SIZES										
WINDOW DIMS.		N	5/16" LAM. GLASS							
			EXT. (+)		INT. (-)		1 ANCHOR AT EACH SIDE OF IMPOST		2 ANCHORS AT EACH SIDE OF IMPOST	
							EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
37"	26"	2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
53-1/8"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
74"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
37"	38-3/8"	3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
53-1/8"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
74"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
37"	50-5/8"	4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
53-1/8"		4	73.3	73.3	75.0	75.0	75.0	75.0	75.0	75.0
74"		4	61.1	61.1	75.0	75.0	75.0	75.0	75.0	75.0
37"	63"	5	71.0	71.0	75.0	75.0	75.0	75.0	75.0	75.0
53-1/8"		5	55.0	55.0	75.0	75.0	75.0	75.0	75.0	75.0
74"		5	44.1	44.1	75.0	75.0	75.0	75.0	75.0	75.0
37"	74-1/4"	6	58.7	58.7	75.0	75.0	75.0	75.0	75.0	75.0
53-1/8"		6	44.9	44.9	75.0	75.0	75.0	75.0	75.0	75.0
74"		6	35.2	35.2	70.4	70.4	75.0	75.0	75.0	75.0
24"	24"	2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
72"		2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
24"	36"	3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
72"		3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
24"	48"	4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"		4	75.0	66.0	75.0	66.0	75.0	66.0	75.0	66.0
48"		4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60"		4	73.3	73.3	75.0	75.0	75.0	75.0	75.0	75.0
72"		4	67.2	67.2	75.0	75.0	75.0	75.0	75.0	75.0
24"	60"	5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"		5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48"		5	63.0	63.0	75.0	75.0	75.0	75.0	75.0	75.0
60"		5	53.8	53.8	75.0	75.0	75.0	75.0	75.0	75.0
72"		5	48.0	48.0	75.0	75.0	75.0	75.0	75.0	75.0
24"	72"	6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"		6	64.0	64.0	75.0	75.0	75.0	75.0	75.0	75.0
48"		6	50.4	50.4	75.0	75.0	75.0	75.0	75.0	75.0
60"		6	42.4	42.4	75.0	75.0	75.0	75.0	75.0	75.0
72"		6	37.3	37.3	74.7	74.7	75.0	75.0	75.0	75.0

N = NO. OF ANCHORS PER JAMB



APPROVED CONFIGURATIONS

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE OCT 25, 2001
BY Isaac I. C. Lundy
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0814.07

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 18 2001

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-52YO

SERIES-1400 ALUMINUM CASEMENT WINDOW
YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL (305) 887-2646 FAX (305) 883-1309

no	date	description	REV. PER	COMMENTS
A	09.14.01			

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

drawing no.
W01-52
sheet 2 of 5

WOOD BUCKS NOT BY YALE OGRON, 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 BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD
THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR 1/4" SELF DRILLING SCREWS

INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
OR ALUMINUM MULLIONS (HOLDING A VALID NOA.)

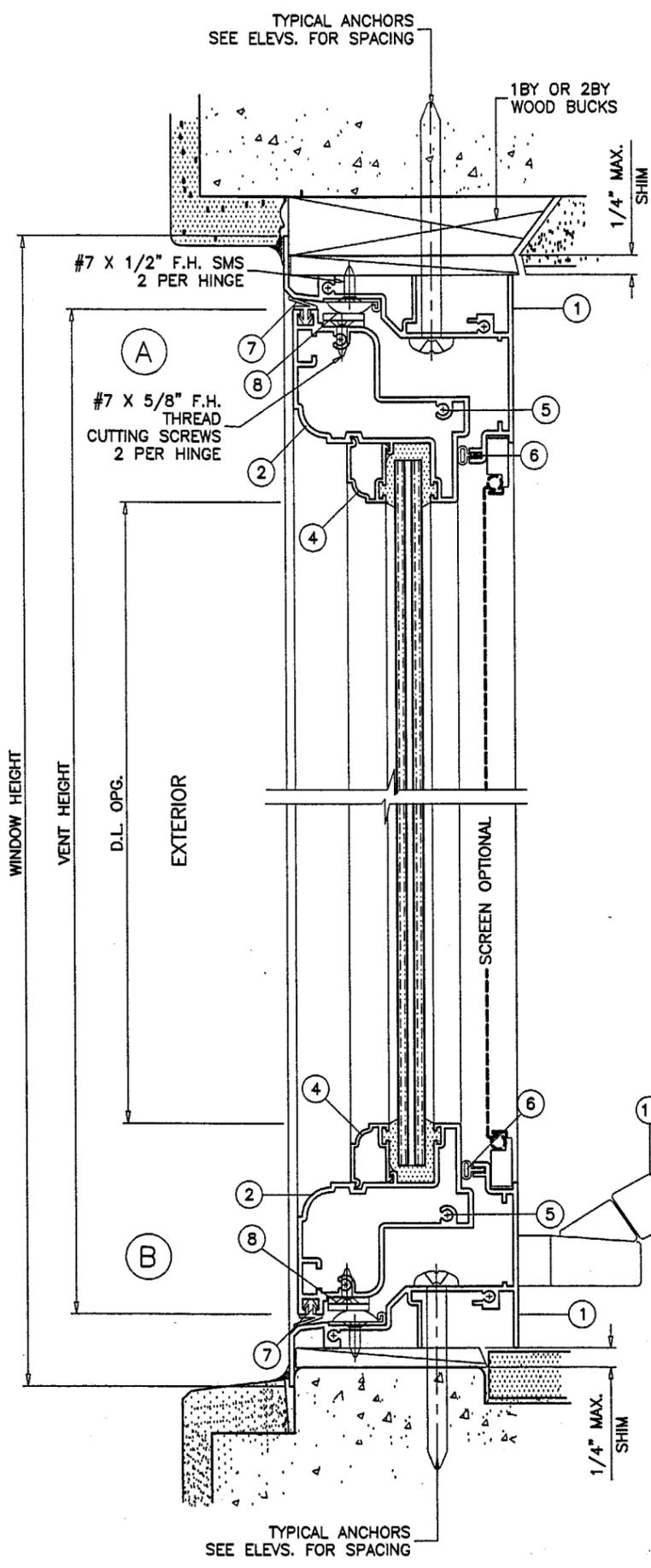
SEALANTS:

FRAME CORNERS EXTERIOR SEAMS SEALED WITH SILICONE
VENT AND FRAME CORNERS SEALED WITH SEALANT.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE OCT 25, 2001
BY Shaq J. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0814.07

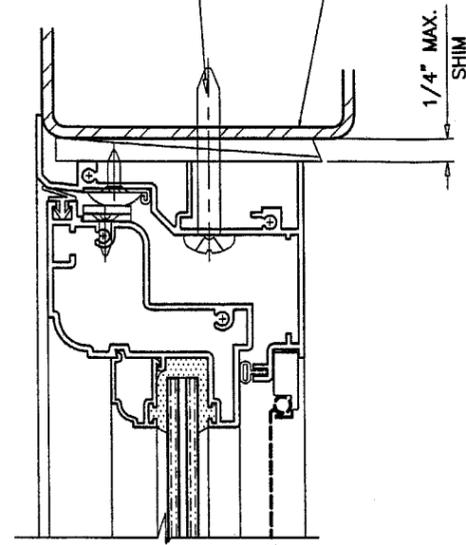
Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

[Signature]
SEP 18 2001



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

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



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

1BY OR 2BY
WOOD BUCK

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-AN\W01-52Y0

SERIES-1400 ALUMINUM CASEMENT WINDOW

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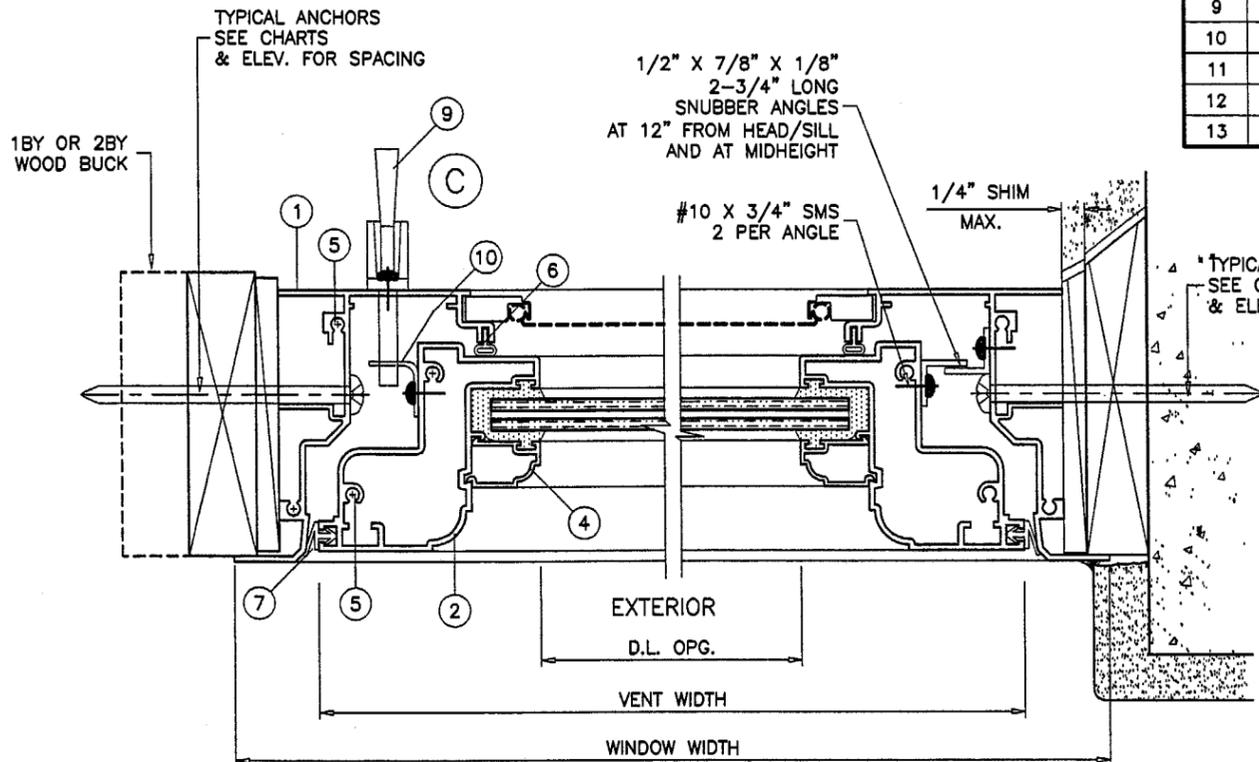
revisions:	no	date	by	description
A	09.14.01			REV. PER BCCO COMMENTS

date: 08-08-01	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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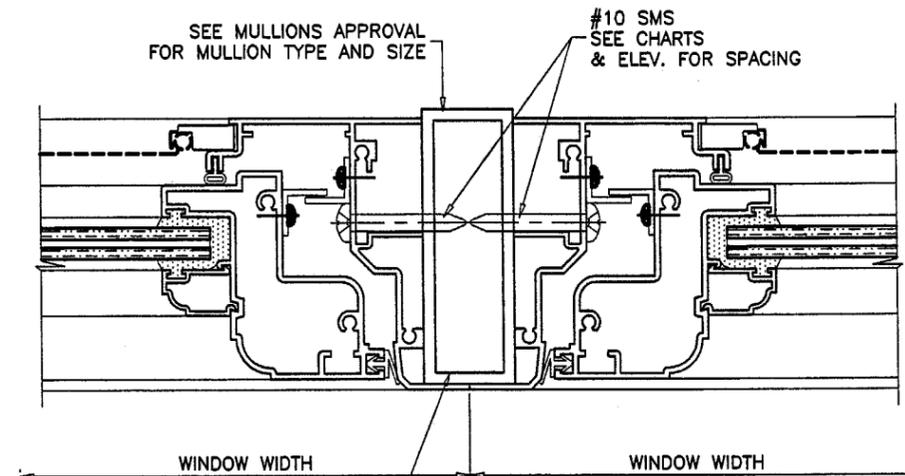
drawing no.
W01-52

sheet 3 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-1401	4	FRAME	6063-T5	-
2	YE-1402	4	VENT	6063-T5	-
3	YE-1404	1	CENTER POST	6063-T5	-
4	YE-1405	AS REQD.	GLAZING BEAD	6063-T5	-
5	#8 X 1"	AS REQD.	FRAME AND VENT ASSEMBLY SCREWS	-	-
6	YH-1409W	AS REQD.	BULB WEATHERSTRIPPING	VINYL	SULLIVAN & SULLIVAN
7	YH-920	AS REQD.	LEAF WEATHERSTRIPPING	VINYL	SULLIVAN & SULLIVAN
8	30744	2/ VENT	2 BAR HINGE, AT TOP AND BOTTOM	STEEL	TRUTH ✓
8A	YH-680	3/ VENT	BUTT HINGES (ALT. TO BAR HINGES)	-	ATTACHED W/ (6) #10 X 1/2" FH SCREWS
9	-	2/ VENT	FACE MOUNT LOCK	STEEL	TRUTH, AT 13-1/2" FROM BOT. & 17-1/2" FROM TOP
10	-	2/ VENT	LOCK KEEPER, AT FRAME JAMB FACING LOCK	STEEL	YALE, AT 13-1/2" FROM BOT. & 17-1/2" FROM TOP
11	-	1/ VENT	ROTO OPERATOR	STEEL	TRUTH, AT 12" FROM ENDS
12	YH-1411	1/ CORNER	FRAME CORNER KEY	-	YALE
13	YH-1408	1/ CORNER	VENT CORNER KEY	-	DECO

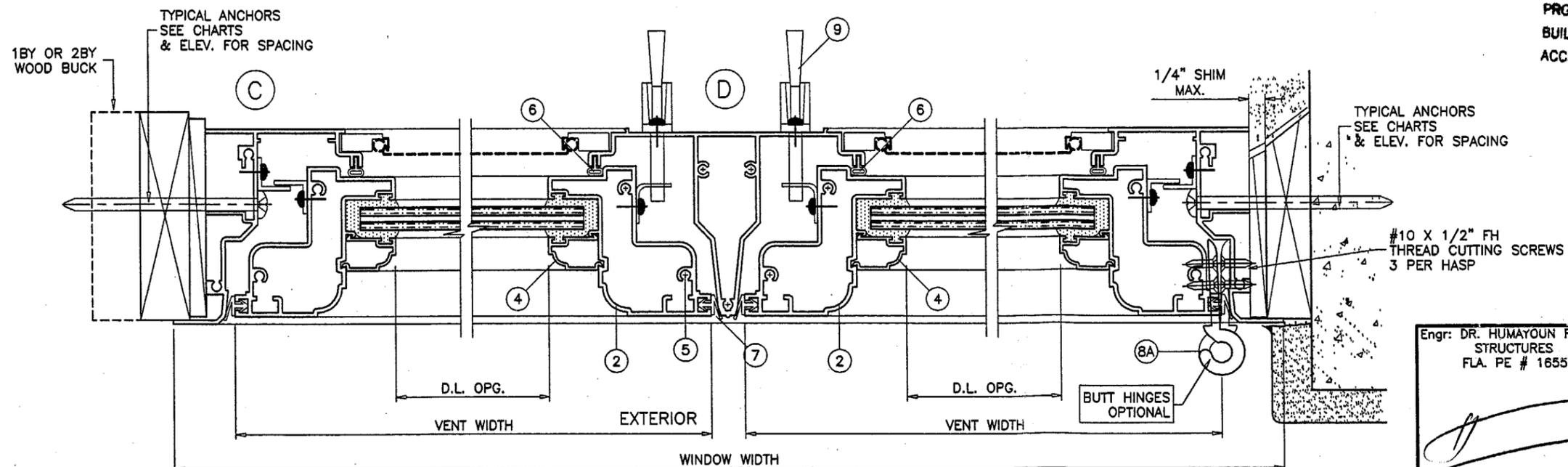


SINGLE VENT WINDOWS



MULLIONS TO HAVE THEIR OWN N.O.A.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE OCT 25, 2001
 BY Shaq I. Chaudhry
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0814.07



DUAL VENT WINDOWS

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557

SEP 18 2001

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
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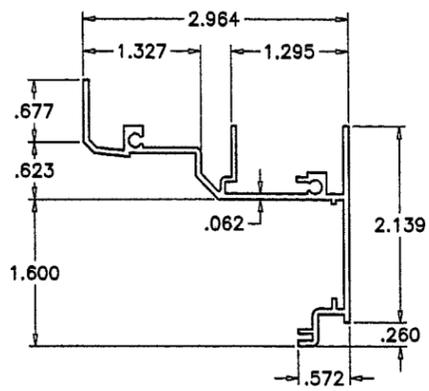
SERIES-1400 ALUMINUM CASEMENT WINDOW
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revisions:	no	date	by	description
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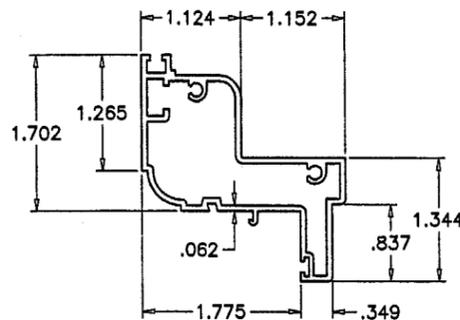
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W01-52

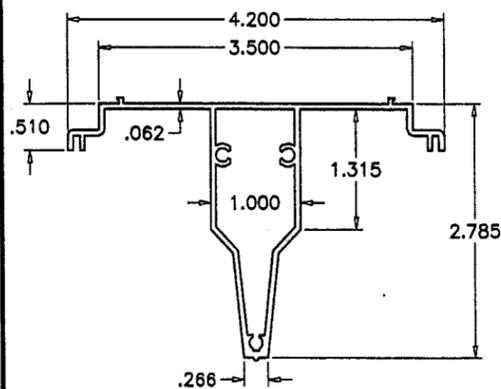
sheet 4 of 5



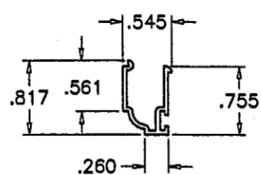
FRAME



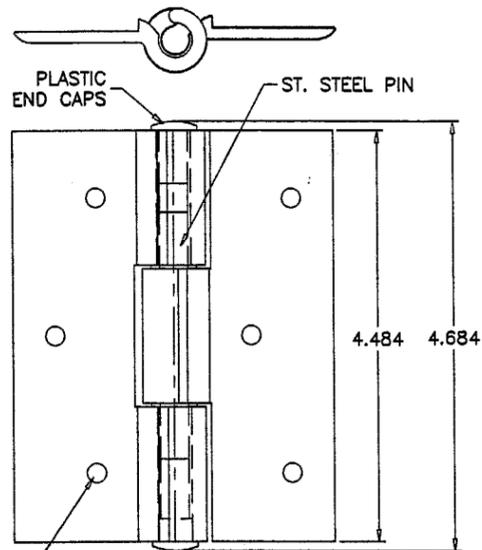
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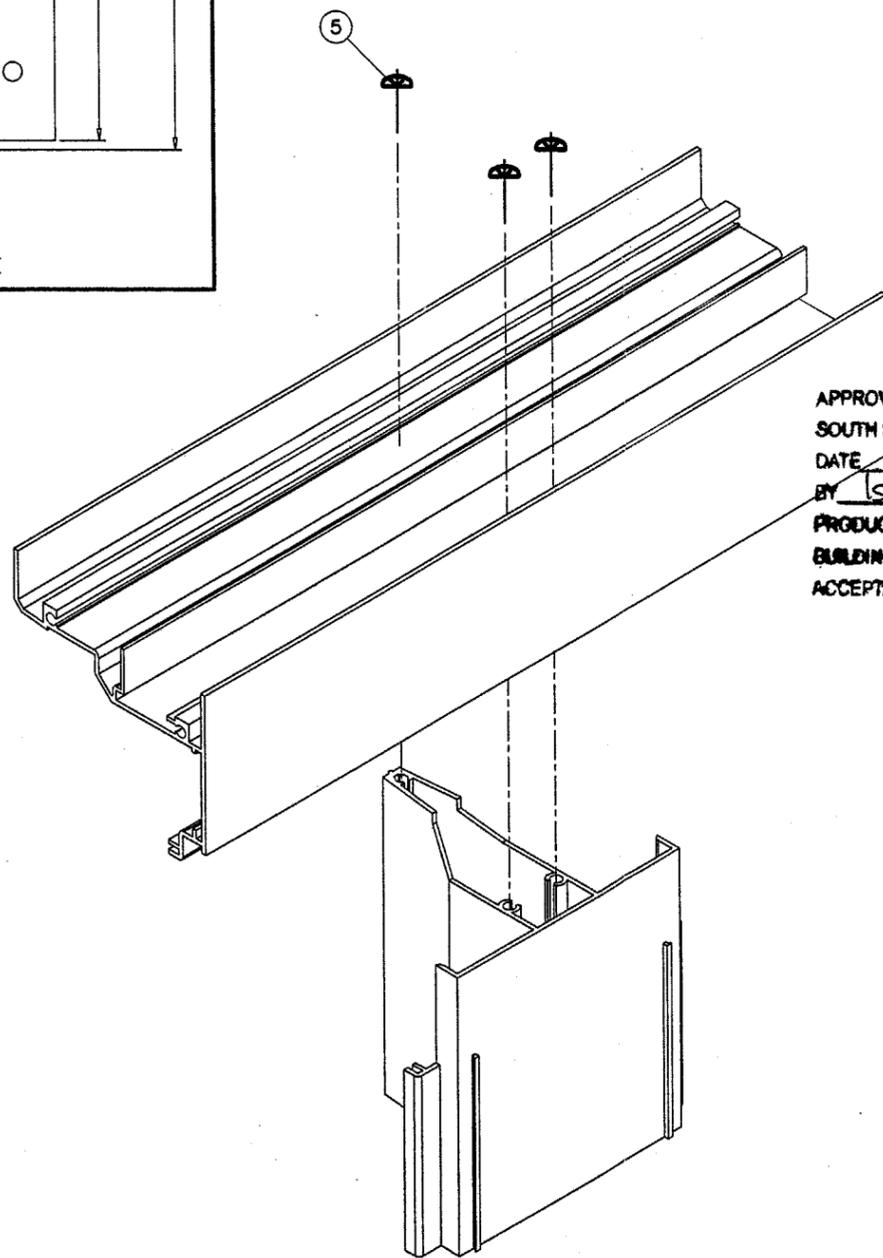
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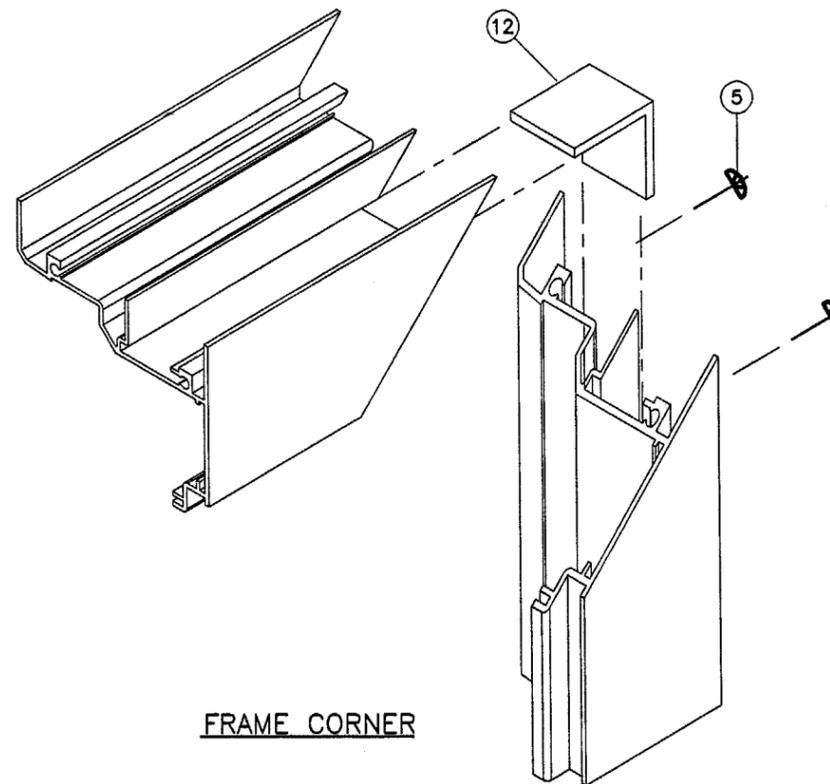
GLAZING BEAD



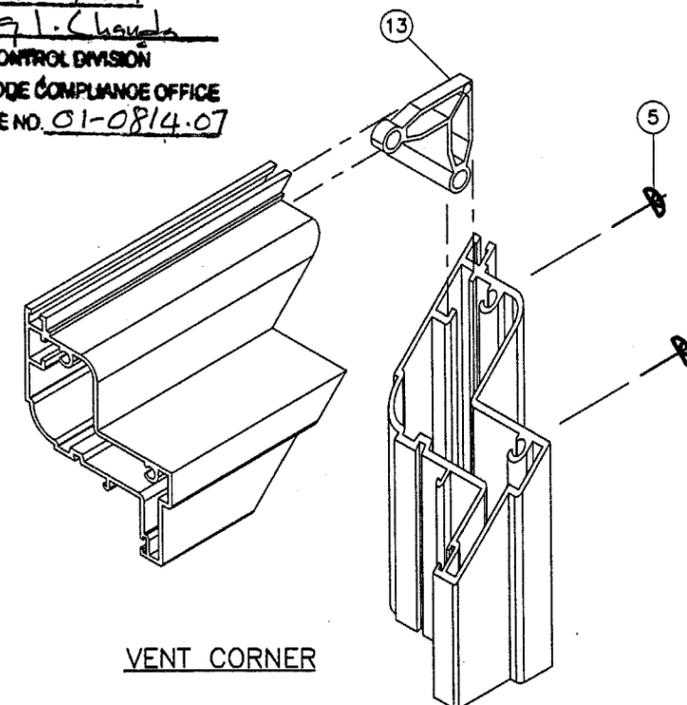
BUTT HINGE



IMPOST COPING



FRAME CORNER



VENT CORNER

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE OCT 25, 2001
BY Shay L. Chaudhry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0814-07

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 18 2001

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revisions:	no	date	description
A	09.14.01		REV. PER BCCO COMMENTS

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

drawing no.
W01-52

sheet 5 of 5

afC

COMP-ANL\W01-52Y0