



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

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)

TRACO Security Windows & Doors, Inc.
5100 N.W. 72 Avenue
Miami, FL 33166

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 2100 Aluminum Horizontal Sliding Window

APPROVAL DOCUMENT: Drawing No. **W02-06**, dated 01/16/02, with revision A dated 04/25/02, titled "Series-2100 Alum. Horiz. Sliding Window", sheets 1 through 5, prepared by Al-Farooq Corporation, 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.

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.

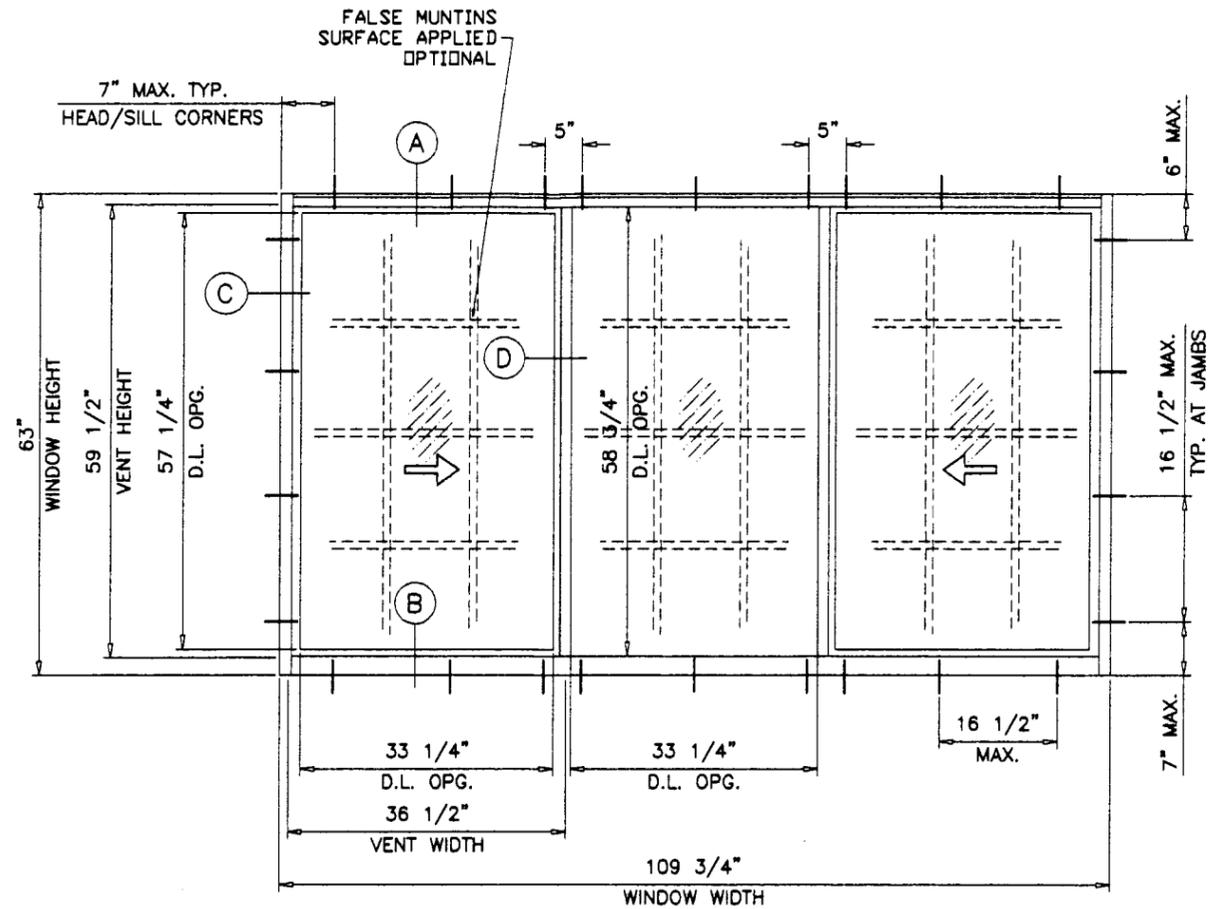
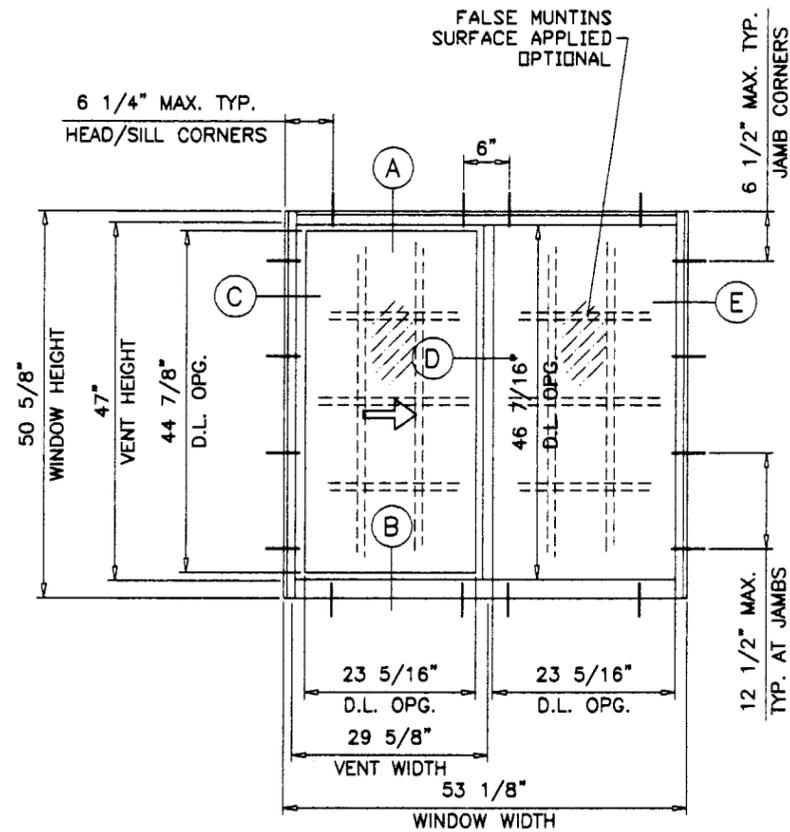
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews NOA # 98-0429.06** and consists of this page 1 as well as approval document mentioned above.

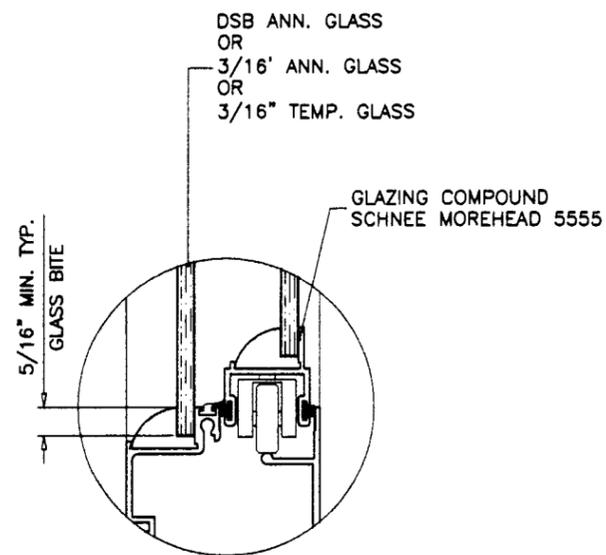
The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 02-0204.01
Expiration Date: April 29, 2007
Approval Date: May 16, 2002
Page 1



TYPICAL ELEVATION
TESTED UNITS



GLAZING DETAIL

NON-IMPACT RESISTANT GLASS
MIAMI DADE COUNTY APPR'D IMPACT RESISTANT
SHUTTERS REQ'D. FOR ALL INSTALLATIONS

NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. 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.

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

APR 25 2002

Approved as complying with the
Florida Building Code
Date: 02-02-04-01
NOAH 05/16/2002
Miami Dade Product Control
Division
By: *Muhammad Peraz*

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\W02-06TSW

SERIES-2100 ALUM HORIZ. SLIDING WINDOW
TRACO SECURITY WINDOWS & DOORS INC.
5100 N.W. 72 AVE.
MIAMI, FL. 33166
TEL. (305) 591-8990

no.	date	by	description
A	04-25-02		REV. PER BCCO COMMENTS

revisions:

date: 01-16-02
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

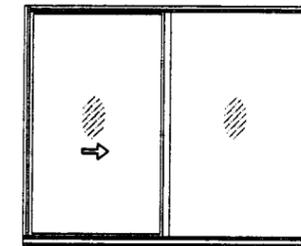
drawing no. **W02-06**
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)															
WINDOW DIMS. WIDTH HEIGHT		A	STANDARD SILL						SILL WITH RISER						
			DSB ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		DSB ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS		
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
26-1/2"	37"	26" (2)	2	44.0	78.4	44.0	107.0	44.0	107.0	53.3	78.4	53.3	125.0	53.3	107.0
4			44.0	78.4	44.0	125.0	44.0	125.0	53.3	78.4	53.3	125.0	53.3	125.0	
6			44.0	72.7	44.0	125.0	44.0	125.0	53.3	72.7	53.3	125.0	53.3	125.0	
6			44.0	64.7	44.0	111.7	44.0	125.0	53.3	64.7	53.3	111.7	53.3	125.0	
6			44.0	50.9	44.0	89.2	44.0	115.0	50.9	50.9	53.3	89.2	53.3	115.0	
26-1/2"	37"	38-3/8" (3)	2	44.0	72.5	44.0	72.5	44.0	72.5	53.3	72.5	53.3	72.5	53.3	72.5
4			44.0	60.9	44.0	103.9	44.0	103.9	53.3	60.9	53.3	103.9	53.3	103.9	
6			44.0	51.3	44.0	83.7	44.0	107.9	51.3	51.3	53.3	83.7	53.3	107.9	
6			44.0	46.8	44.0	75.1	44.0	96.1	46.8	46.8	53.3	75.1	53.3	96.1	
6			-	-	44.0	63.6	44.0	77.9	-	-	53.3	63.6	53.3	77.9	
26-1/2"	37"	50-5/8" (4)	2	44.0	55.0	44.0	55.0	44.0	55.0	53.3	55.0	53.3	55.0	53.3	55.0
4			44.0	49.2	44.0	78.7	44.0	78.7	49.2	49.2	53.3	78.7	53.3	78.7	
6			36.3	36.3	44.0	62.4	44.0	72.5	36.3	36.3	53.3	62.4	53.3	72.5	
6			-	-	44.0	55.7	44.0	67.3	-	-	53.3	55.7	53.3	67.3	
6			-	-	44.0	49.5	44.0	59.0	-	-	49.5	49.5	49.5	59.0	
26-1/2"	37"	63" (4)	2	44.0	44.2	44.0	44.2	44.0	44.2	47.2	44.2	53.3	44.2	53.3	44.2
4			34.4	34.4	44.0	63.3	44.0	63.3	34.4	34.4	53.3	63.3	53.3	63.3	
6			-	-	44.0	49.7	44.0	54.5	-	-	49.7	49.7	53.3	54.5	
6			-	-	42.6	42.6	44.0	49.9	-	-	42.6	42.6	49.9	49.9	
6			-	-	38.1	38.1	43.6	43.6	-	-	38.1	38.1	43.6	43.6	

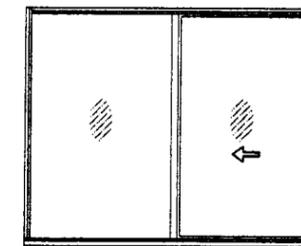
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF (XOX SIZES)								
WINDOW DIMS. WIDTH HEIGHT		A	STANDARD SILL		SILL WITH RISER			
			3/16" ANN. GLASS		3/16" ANN. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26" (2)	8	44.0	125.0	53.3	125.0	53.3	125.0
85"		9	44.0	120.1	53.3	120.1	53.3	125.0
97"		9	44.0	102.9	53.3	102.9	53.3	125.0
109"		9	44.0	90.7	53.3	90.7	53.3	117.1
111"		9	44.0	89.3	53.3	89.3	53.3	115.0
74"	38-3/8" (3)	8	44.0	89.8	53.3	89.8	53.3	103.9
85"		9	44.0	78.7	53.3	78.7	53.3	101.7
97"		9	44.0	70.5	53.3	70.5	53.3	89.1
109"		9	44.0	64.7	53.3	64.7	53.3	79.3
111"		9	44.0	63.7	53.3	63.7	53.3	77.9
74"	50-5/8" (4)	8	44.0	67.6	53.3	67.6	53.3	76.1
85"		9	44.0	58.9	53.3	58.9	53.3	69.6
97"		9	44.0	51.6	51.6	51.6	53.3	64.5
109"		9	44.0	50.2	50.2	50.2	53.3	60.1
111"		9	44.0	49.6	49.6	49.6	53.3	59.0
74"	63" (4)	8	44.0	56.5	53.3	56.5	53.3	57.5
85"		9	44.0	45.6	45.6	45.6	52.0	52.0
97"		9	39.3	39.3	39.3	39.3	47.5	47.5
109"		9	38.6	38.6	38.6	38.6	44.1	44.1

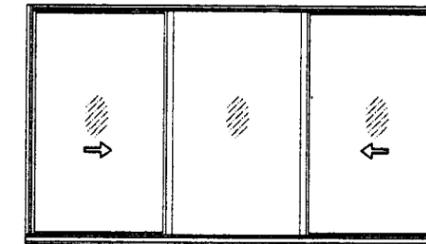
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XO



OX



XOX

APPROVED CONFIGURATIONS

GLASS WIDTHS TO BE EQUAL ON MOVING AND FIXED LITES

WINDOWS TO BE PROTECTED BY
MIAMI DADE COUNTY APPROVED
IMPACT RESISTANT SHUTTERS

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 18557

APR 25 2002

Approved as complying with the
Florida Building Code
Date 02-02-04-01
NOA# 05/16/2002
Miami Dade Product Control
Division
By *[Signature]*

AL-FAROOQ CORPORATION
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COMP-ANL/W02-06TSW

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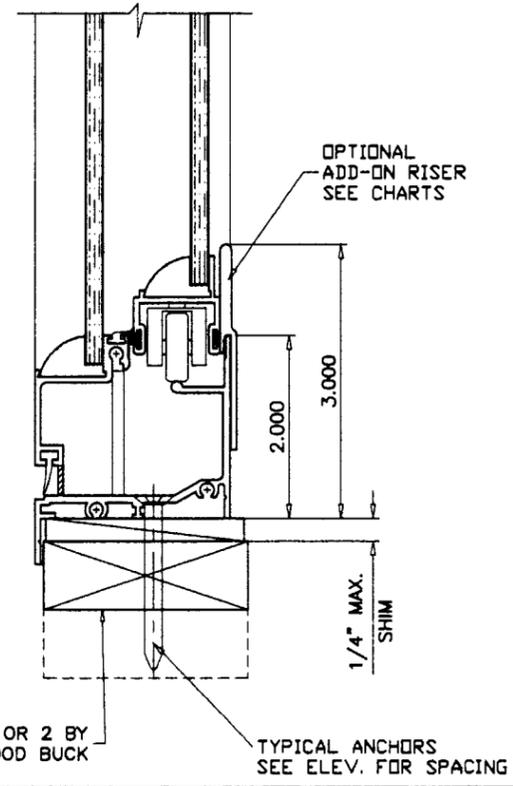
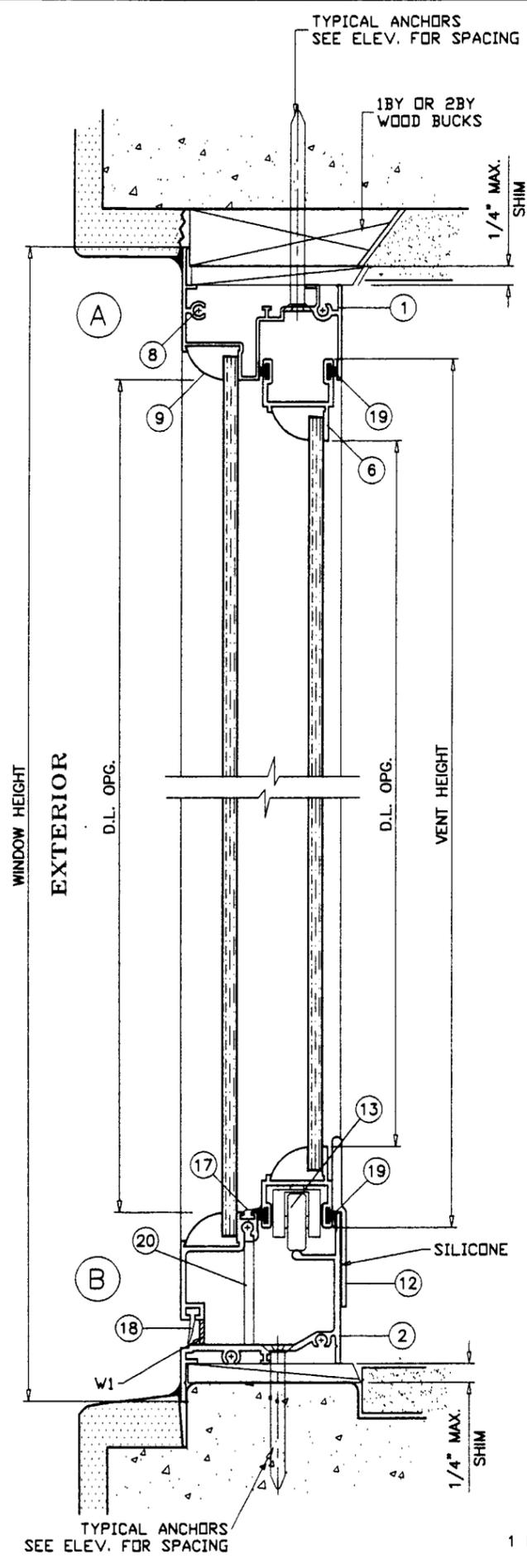
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date: 01-16-02
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dr. by: HAMID
chk. by:

drawing no.
W02-06
sheet 2 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	050-00-366	1	FRAME HEAD	6063-T6	-
2	050-00-220	1	FRAME SILL	6063-T5	-
3	050-00-367	2	FRAME JAMB	6063-T6	-
4	050-00-119	1/ VENT	FIXED RAIL	6063-T6	-
5	051-00-165	1/ VENT	VENT MEETING RAIL	6063-T6	-
6	051-00-160	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
7	050-00-102	1/ VENT	JAMB STILE	6063-T6	-
8	-	AS REQD.	FRAME ASSEMBLY SCREW	-	#8 X 3/4" P.H. PHILLIPS SMS
9	004-00-008	-	GLAZING BEAD	ALUMINUM	ROLL FORMED
10	-	AS REQD.	FIX. RAIL SILL SCREWS	-	#8 X 2" SMS
10A	-	AS REQD.	FIX. RAIL HEAD SCREWS	-	#8 X 1" SMS
11	-	AS REQD.	VENT ASSEMBLY SCREWS	-	#10 X 1" P.H. SMS
12	051-00-353	-	SILL ADD-ON RISER	6063-T6	-
13	-	2/ VENT	PLASTIC ROLLERS IN PLASTIC HOUSING	-	SECURITY
14	-	2/ VENT	SWEEP LOCK AT 6-3/4" FROM ENDS	-	SECURITY
15	046-00-050	AS REQD.	BULB WEATHERSTRIPPING (.156 X .300)	VINYL	WIBORG #9814
16	046-00-017	AS REQD.	FLAP WEATHERSTRIPPING (.210 X .490)	VINYL	WIBORG #2189
17	046-00-030	AS REQD.	FLAP WEATHERSTRIPPING (.170 X .450)	VINYL	WIBORG #2205
18	046-00-038	AS REQD.	FLAP WEATHERSTRIPPING (.185 X .500)	VINYL	WIBORG #2188
19	047-00-001	AS REQD.	PILE WITH FIN SEAL (.187 X .170)	-	AMESBURY #17317-187
20	-	AS REQD.	2" X 1-1/4" X 1/8" PLATE	6063-T5	BELOW EACH FIX. MTG. RAIL

WOOD BUCKS NOT BY TRACO SECURITY, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV./CHART FOR SPACING
3/16" TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. EMBED INTO MASONRY OR CONC.

SEALANTS:
 FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL
 SEALED WITH SCHNEE MOREHEAD 5504 SEALANT.

WEEPHOLES:
 W1 = (1" X 3/8" WEEPHOLES) THREE PER VENT
 AT 5" FROM VENT ENDS & AT MID WIDTH

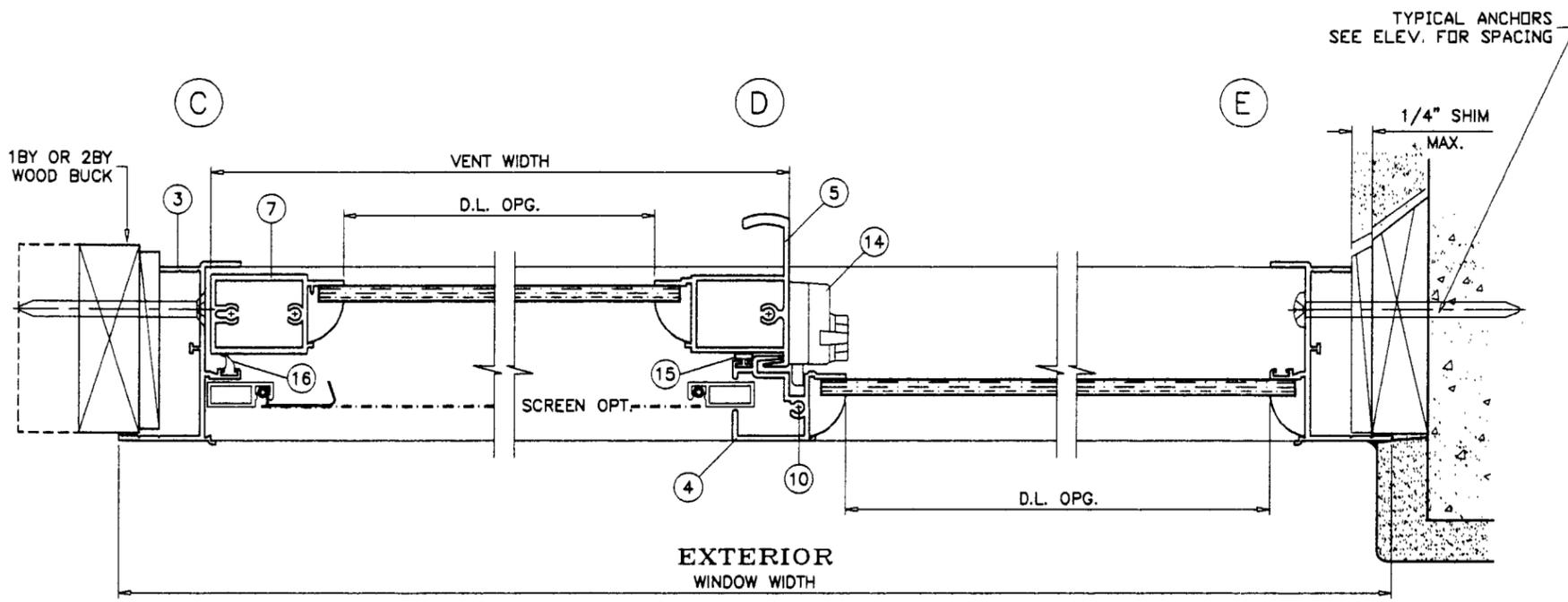
AL-FAROOQ CORPORATION
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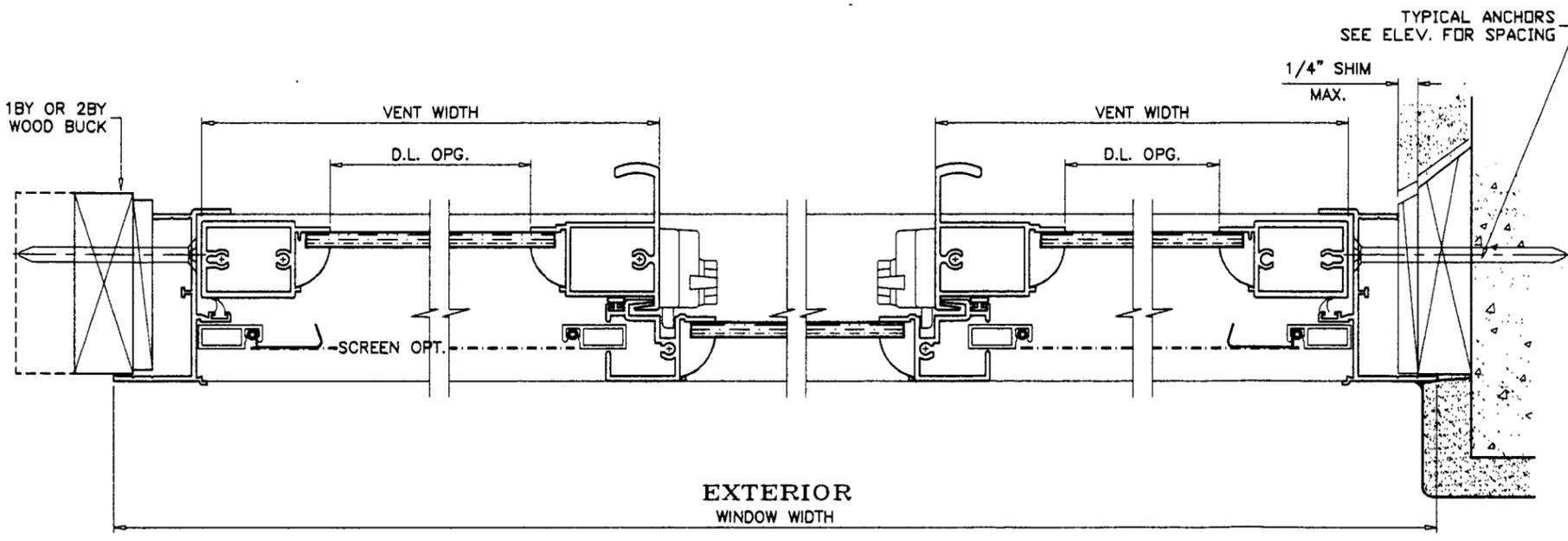
Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 APR 25 2002

Approved as complying with the
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 Date 02-0204-01
 NOA# 05/16/2002
 Miami Dade Product Control
 Division
 By *Manuel Perez*

revisions:	no	date	by	description
date:	01-16-02	scale:	1/2" = 1"	dr. by:
				HAMID
			chk. by:	
drawing no.	W02-06			
sheet	3 of 5			



EXTERIOR WINDOW WIDTH
XO LAYOUT
OX OPPOSITE



EXTERIOR WINDOW WIDTH
XOX LAYOUT

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By *Mansour*

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afc

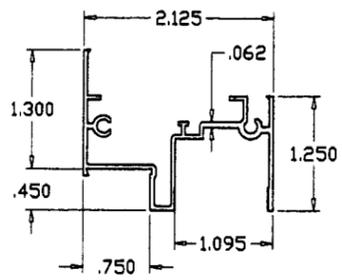
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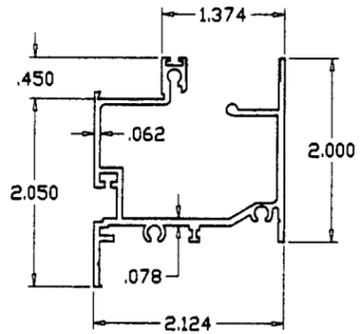
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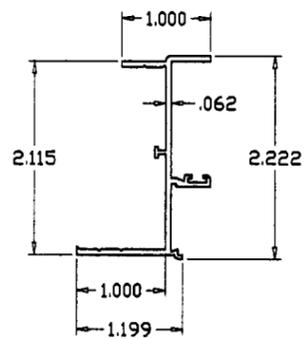
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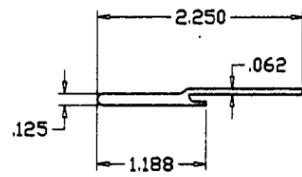
FRAME HEAD



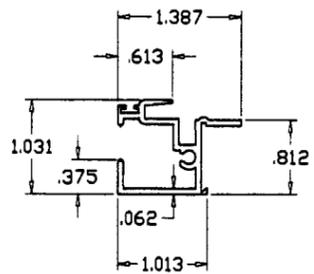
FRAME SILL



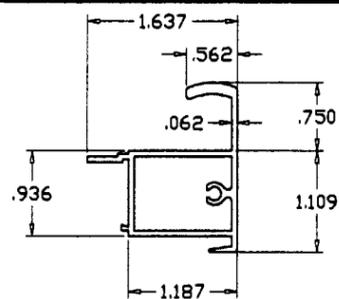
FRAME JAMB



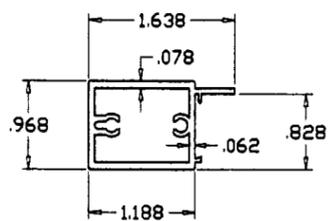
SILL RISER



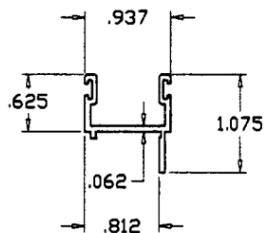
FIXED MTG. RAIL



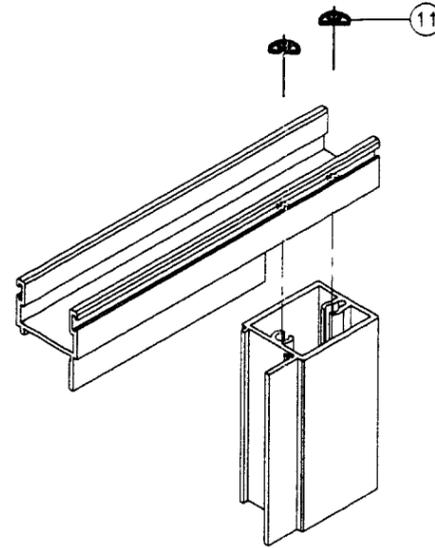
MEETING RAIL



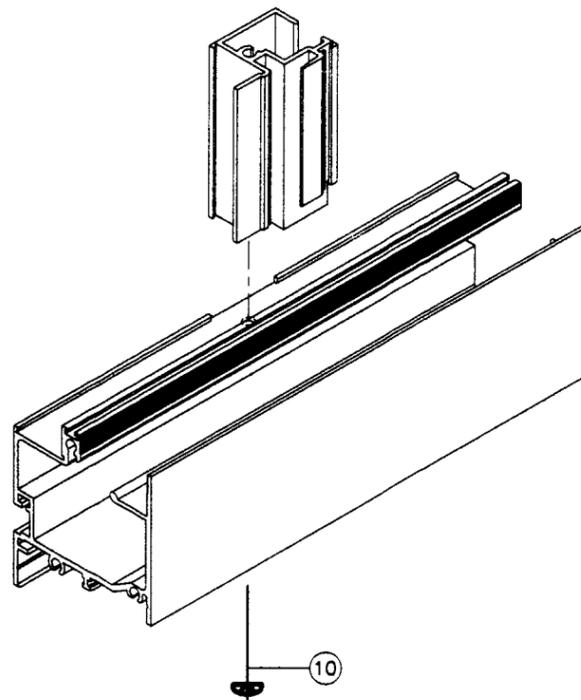
JAMB STILE



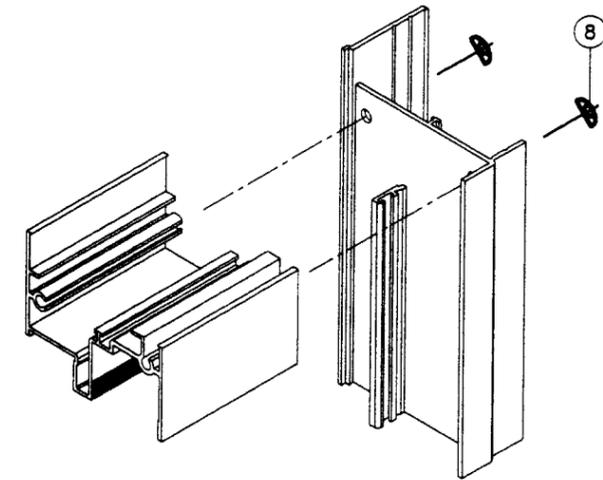
VENT TOP/BOTTOM RAIL



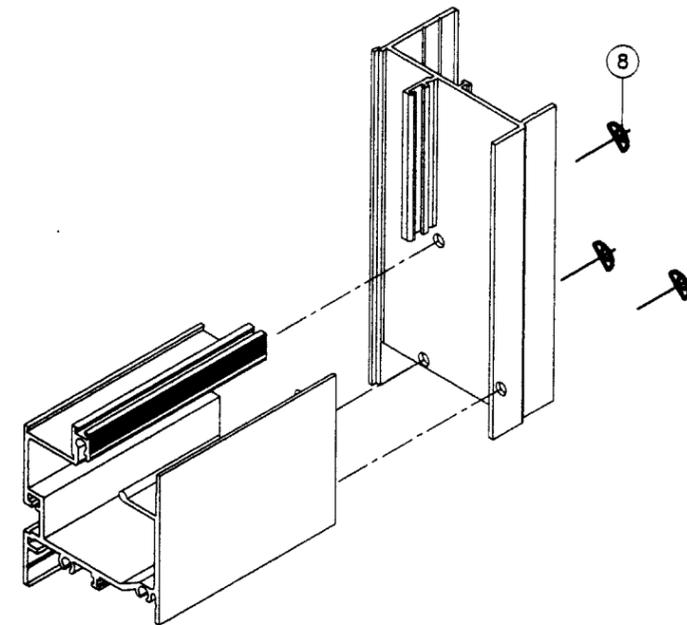
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
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