



**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)

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

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 "4000" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. W96-12, titled "Series 4000 Alum Sliding Glass Door", sheets 1 through 4 of 4, dated 04/15/96 with revision "C" dated 05/11/04, signed and sealed by Dr. 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. Approved Hurricane Protection system, as applicable, per FBC required.

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 # 02-0507.07 and, consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



**NOA No 02-0927.06
Expiration Date: July 11, 2007
Approval Date: July 29, 2004
Page 1**

7/7/14

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (Transferred from file # **02-0507.07**)
2. Drawing No. **W96-12**, titled "Series 4000 Alum Sliding Glass Door", sheets 1 through 4 of 4, dated 04/15/96 with revision "C" dated 05/11/04, signed and sealed by Dr. Humayoun Farooq, P.E.

B. TESTS (Transferred from file # **02-0507.07**). Note: test conducted under SFBC, PA 202-94, now known as FBC, TAS-202-94

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Forced Entry Test, per SFBC and PA 202-94

Along with installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1393 (report#7)**, specimen #A1, A2 & A3, dated 04/19/1996, signed and sealed by late Gilbert Diamond, P.E.

C. CALCULATIONS

1. Anchor verification calculation dated May 13, 2004, prepared by Al-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Comparative analysis & anchor verification calculations dated 08-07-02, prepared by Al-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E. (Transferred from file # **02-0507.07**)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Statement letter of conformance & no financial interest, dated 08/12/03, signed and sealed by Dr. Humayoun Farooq, P.E. (*Submitted under file # 02-0507.07*)

G. OTHER

1. This file revises NOA# **02-0507.07**, expiring July 11, 2007.
2. Revised Jamb extrusion YE-321M.

Ishaq I. Chanda

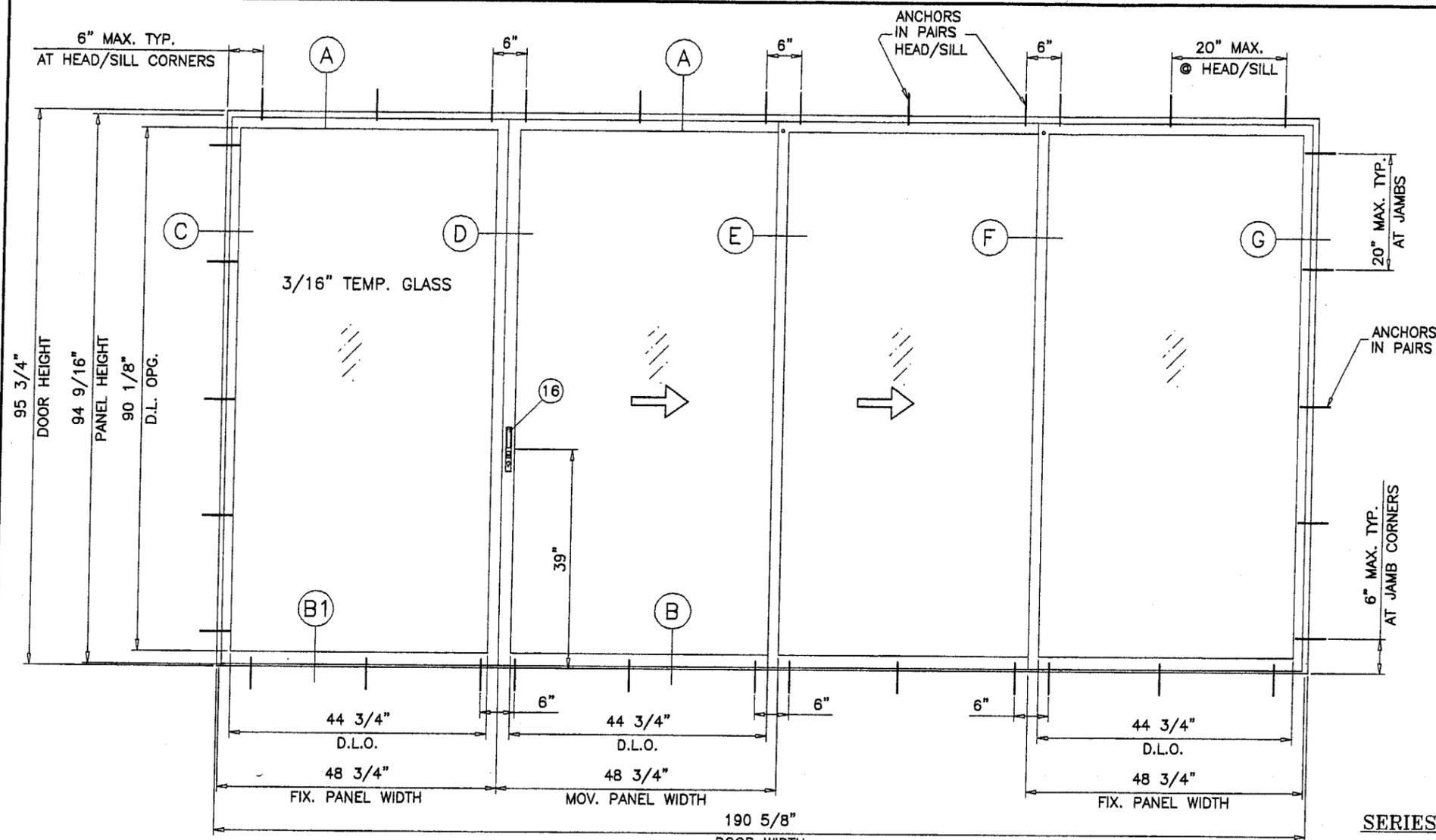
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 02-0927.06

Expiration Date: July 11, 2007

Approval Date: July 29, 2004



PANELS WITH 3/16" TEMPERED GLASS			
PANEL WIDTHS ARE AVERAGE			
PANEL WIDTH	DOOR HEIGHT	DESIGN LOAD - PSF	
		EXT. (+)	INT. (-)
2/6	80-1/2'	50.0	79.0
3/0		50.0	69.0
3/6		50.0	62.1
4/0		50.0	57.2
2/6	95-1/2'	50.0	64.3
3/0		50.0	55.6
3/6		49.6	49.6
4/0		45.2	45.2

DOORS TO BE PROTECTED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 02-0927-06
 Expiration Date July 11, 2007
 By: Ismael J. Chanda
 Miami Dade Product Control Division

SERIES-4000 ALUM. SLIDING GLASS DOOR

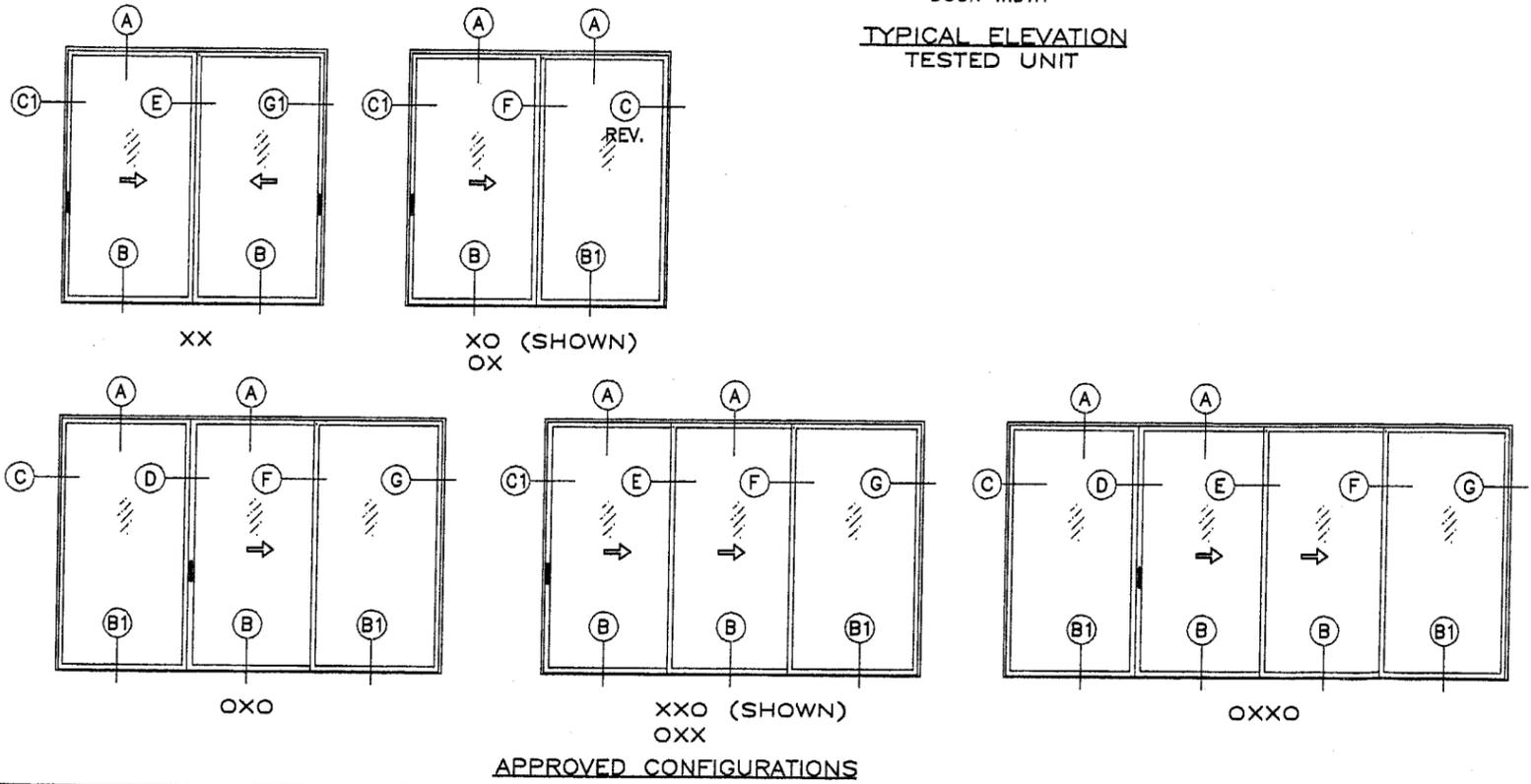
DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ABOVE.

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

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.



Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16537
 C.A.N. 3538
 JUN 29 2004

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

SERIES-4000 ALUM. SLIDING GLASS DOOR
YALE OGRON MFG. CO. INC.
 671 WEST 18TH ST.
 HIALEAH, FL. 33010-2480
 TEL. (305) 887-2646 FAX (305) 883-1309

no.	date	by	description
A	06.08.99	H	GENERAL REVISION
B	03.26.04	H	GENERAL REVISION
C	05.11.04	H	REV. PER BCCO COMMENTS

date: 04-15-96
 scale: 1/2" = 1"
 dr. by: HAMID
 chkc. by:

drawing no.
W96-12

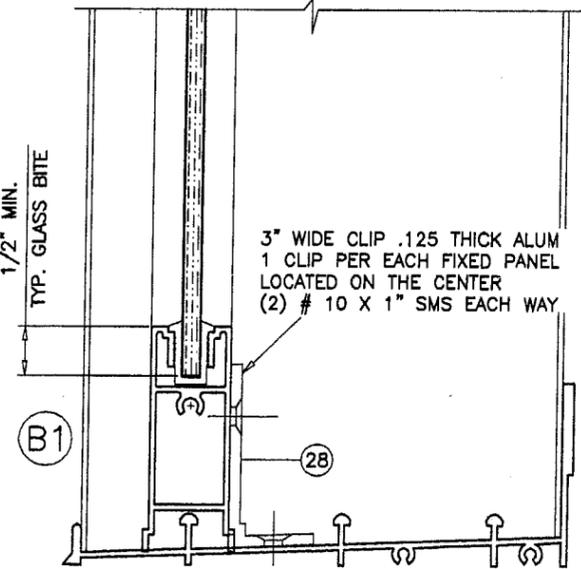
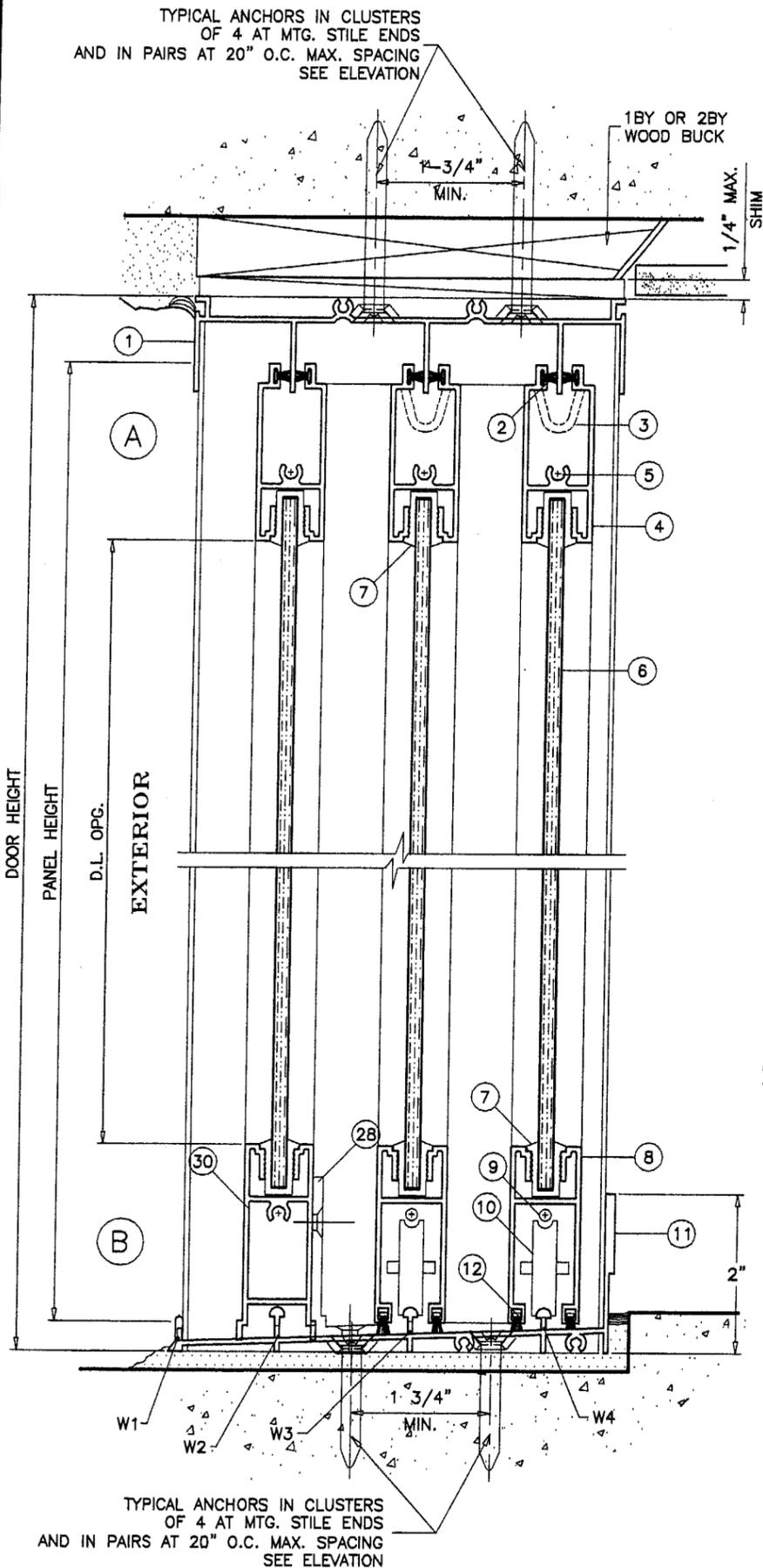
sheet 1 of 4

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

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL/REMARKS
1	YE-320	FRAME HEAD	ALUMINUM (6063-T5)
2	YH-4004	WEATHERSTRIPPING	SCHLEGEL PB8322-187 OR EQUIV.
3	YH-4001	TOP SLIDE GUIDE	NYLON 6/6 SECURITY PLASTICS INC.
4	YE-307	PANEL TOP RAIL	ALUMINUM (6063-T5)
5	YF-31	TOP RAIL ASSY. SCREW	# 10 X 1" PH SMS
6	-	PANEL GLASS	3/16" TEMPERED
7	YE-4007	VINYL GASKET FOR 3/16" GLASS	CUSTOM PLASTICS 026-8 OR EQUIV.
8	YE-306	MOVING PANEL BOTTOM RAIL	ALUMINUM (6063-T5)
9	YF-27A	BOTTOM RAIL ASSY. SCREW	# 10-32 X 7/8" PH. MACH. SCREW
10	YH-4031	ROLLER ASSEMBLY	ALUM HOUSING WITH STEEL WHEEL
11	YE-375	FRAME SILL	ALUMINUM (6063-T5)
12	YH-4005	ROLLING PANEL SILL W'STRIPPING	SCHLEGEL SK1004-510 OR EQUIV.
13	YE-321	FRAME JAMB	ALUMINUM (6063-T5)
13A	YE-321M	ALT. FRAME JAMB	ALUMINUM (6063-T5)
14	YE-340A	FIXED PANEL CLIP	ALUMINUM 2" LONG, 3/ JAMB
15	YE-325	PANEL HEAVY INTERLOCK STILE	ALUMINUM (6063-T5)
16	YH-4017	LOCK ASSY. WITH LATCH MECHANISM	PLATED/PAINTED ZAMAK WITH STEEL CAM
17	YE-344	PANEL HEAVY ASTRAGAL STILE	ALUMINUM (6063-T5)
19	YH-4010	FIXED END STILE WEATHERSTRIPPING	CUSTOM PLASTICS 042-1 (VINYL)
21	YH-4056	UPPER & LOWER FACE ANGLE CLIP	ALUMINUM (3/4"x2"x1/8"x1" LONG)
22	-	SCREEN	OPTIONAL
23	YH-4053	MOVING PANEL SILL & TRACK CLIP	ALUMINUM TOP & BOTTOM
24	YH-4034	BRACKET TYPE 'B'	ALUMINUM (1-1/2"x2"x1/8"x1" LONG)
26	YF-28	FRAME ASSY. SCREW	# 8 X 1" SMS
28	YH-4054	CENTRAL FIXED PANEL CLIP	ALUMINUM (1-1/2"x2"x1/8"x1" LONG)
29	YE-301	PANEL LOCKING STILE	ALUMINUM (6063-T5)
30	YE-379	FIXED PANEL BOTTOM RAIL	ALUMINUM (6063-T5)
31	YE-302	FIXED END STILE	ALUMINUM (6063-T5)

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W96-12YO-NEW

SERIES-4000 ALUM. SLIDING GLASS DOOR
YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL. (305) 887-2646 FAX (305) 883-1309



WEEPHOLES: 1/2" X 1/8" DRAINS

- W1 = 20" FROM ENDS & 21-3/8" O.C.
- W2 = 18-1/2" FROM ENDS & 21-3/8" O.C.
- W3 = 15" FROM ENDS & 21-3/8" O.C.
- W4 = 13-1/2" FROM ENDS & 21-3/8" O.C.

SEALANTS:

PERIMETER TO BE CAULKED WITH VULKEM POLYURETHANE SEALANT OR EQUIV.
ALL FRAME AND PANEL JOINTS, INBOARD & OUTBOARD EDGES OF FIXED PANEL TO JAMBS UPTO 4", ALL CLIP ANGLES ATTACHED TO HEAD & SILL MEMBERS AND HEADS OF ALL ASSEMBLY & ANCHOR SCREWS TO BE SEALED WITH PURVIS COMPOUND 401 SEALANT OR EQUIVALENT.

TYPICAL ANCHORS:

- 1/4" 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 CONC. OR MASONRY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0927-06
Expiration Date July 11, 2007
Michael L. Chanda
Miami Dade Product Control
Division

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

JUN 29 2004

NO.	DATE	DESCRIPTION	REV.	PER	COMMENTS
C	05.11.04	H			

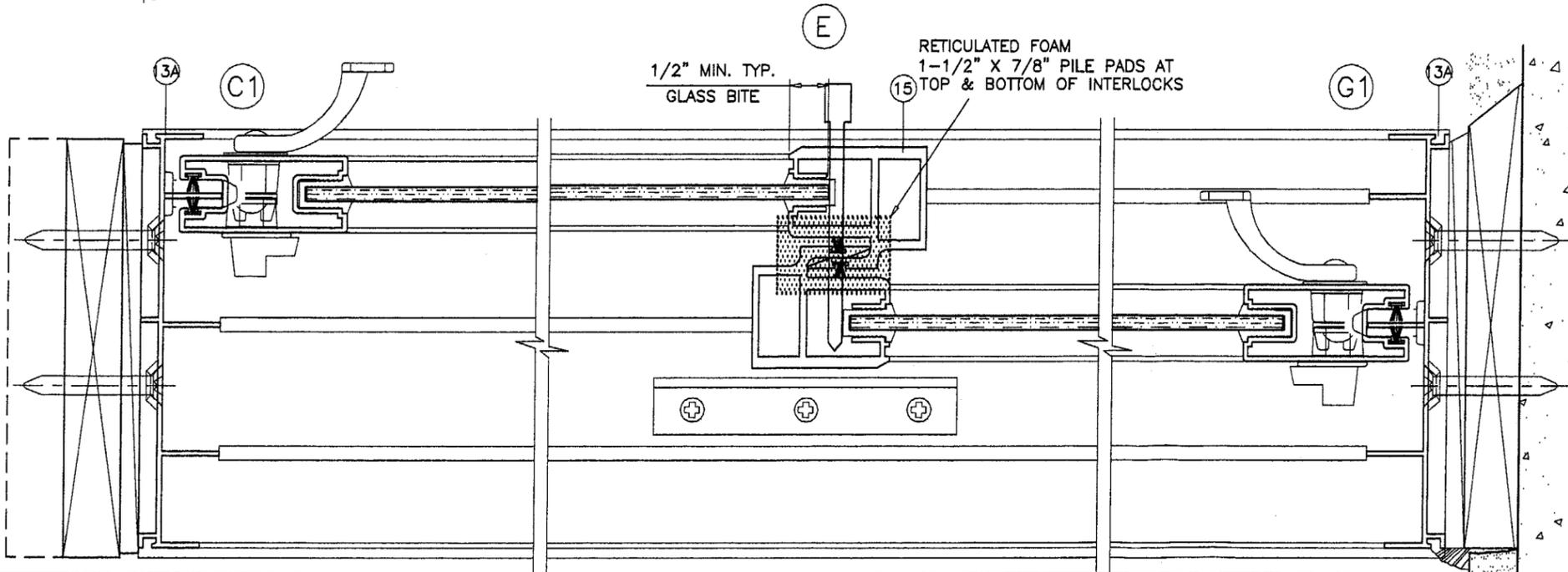
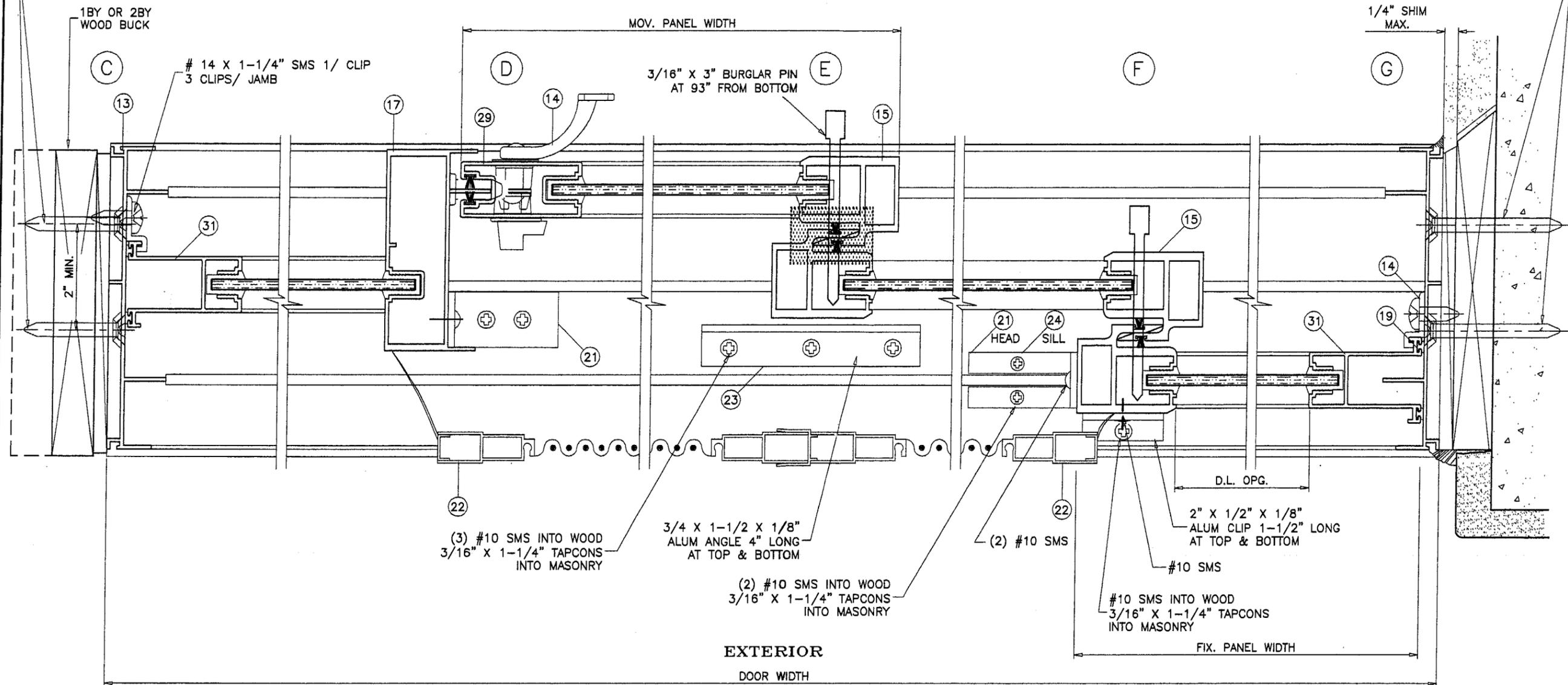
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W96-12

sheet 2 of 4

TYPICAL ANCHORS IN PAIRS
 Ⓞ 6" FROM ENDS
 & 20" O.C. MAX. SPACING

TYPICAL ANCHORS IN PAIRS
 Ⓞ 6" FROM ENDS
 & 20" O.C. MAX. SPACING



PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 02-0927-26
 Expiration Date July 11, 2007
 By *Shag I. Lhanda*
 Miami Dade Product Control Division

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

JUN 29 2004

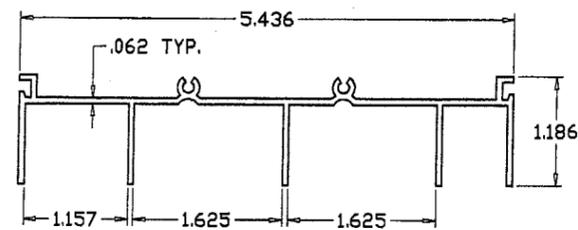
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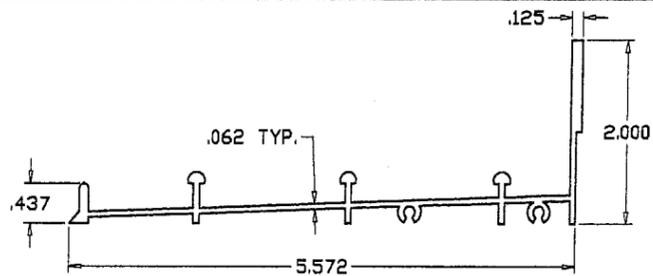
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date:	04-15-96
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

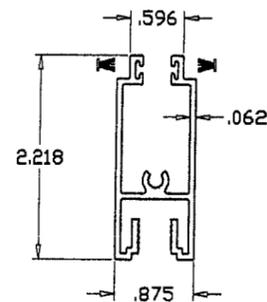
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sheet	3 of 4



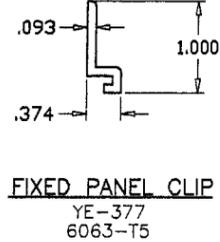
FRAME HEAD
YE-320
6063-T5



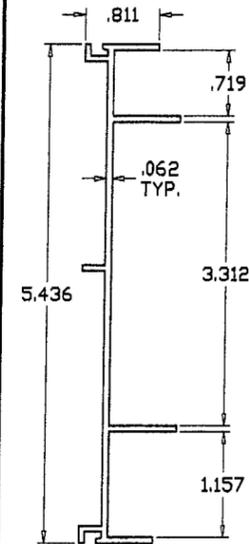
FRAME SILL
YE-375
6063-T5



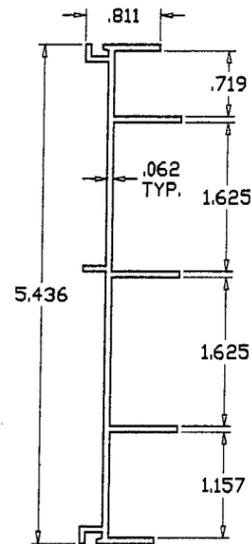
PANEL TOP RAIL
YE-307
6063-T5



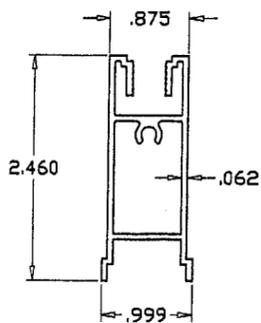
FIXED PANEL CLIP
YE-377
6063-T5



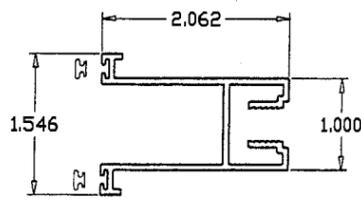
FRAME JAMB
YE-321
6063-T5



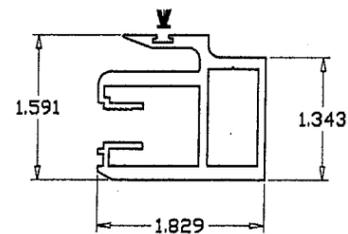
ALT. FRAME JAMB
YE-321M
6063-T5



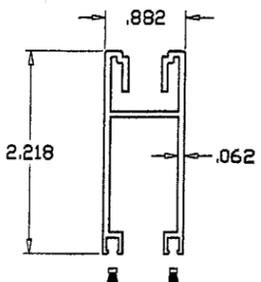
FIXED PANEL BOTTOM RAIL
YE-379
6063-T5



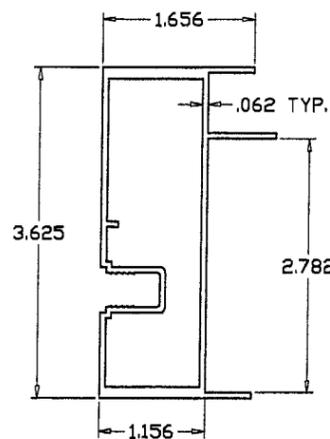
FIXED PANEL STILE
YE-302
6063-T5



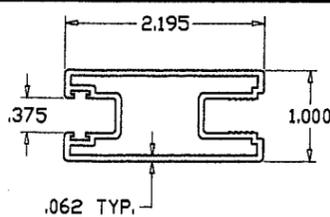
PANEL HEAVY INTERLOCK STILE
YE-325
6063-T5



MOVING PANEL BOTTOM RAIL
YE-306
6063-T5

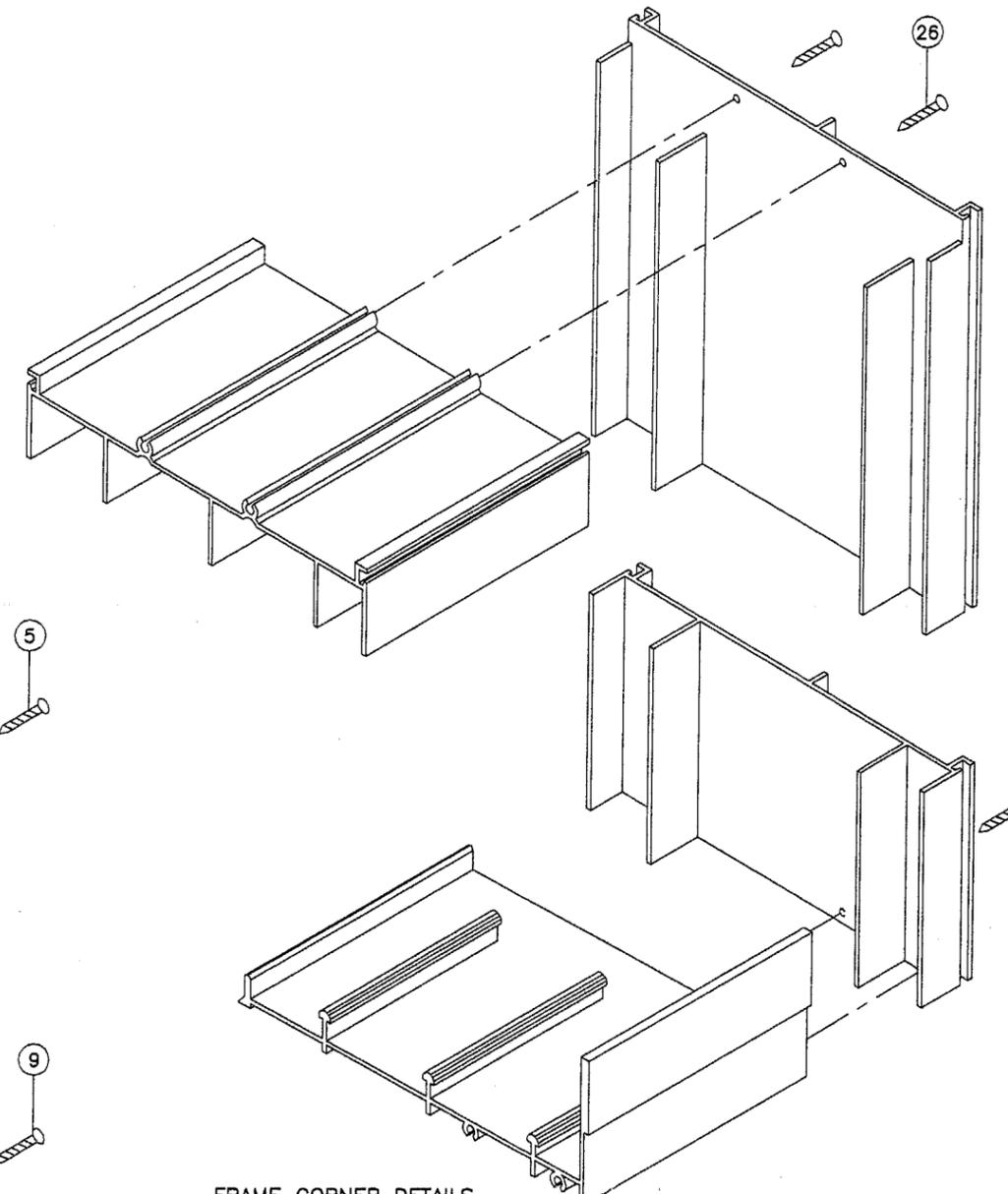


PANEL ASTRAGAL STILE
YE-344
6063-T5

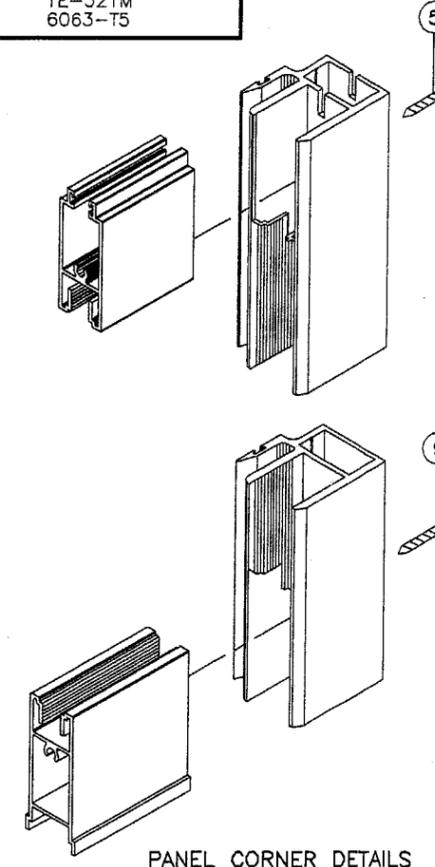


MOVING PANEL STILE
YE-301
6063-T5

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. DL-0927.06
Expiration Date July 11, 2007
By Ishay I. Chanda
Miami Dade Product Control
Division



FRAME CORNER DETAILS



PANEL CORNER DETAILS

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

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no	date	by	description
C	05.11.04	H	REV. PER BCCD COMMENTS

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drawing no.
W96-12
sheet 4 of 4