



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

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

Your application for Notice of Acceptance (NOA) of:

Series 140 (248) Aluminum Sliding Glass Door Impact

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.: 01-1003.02
EXPIRES: 01/24/2007

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: 01/24/2002



APPROVED: January 24, 2002

EXPIRES: January 24, 2007

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This Notice of Acceptance (NOA) approves the series 140 (248) aluminum sliding glass door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 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 140(248) Aluminum Sliding Glass Doors** and its components shall be constructed in strict compliance with the following document: Drawing No W01-59, Sheets 1 through 5 of 5, titled "Series 140(248) Alum. Sliding Glass Door," prepared by Al Farooq Corporation, dated 8/30/01 and revised on 12/20/01, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to the configurations shown in approved drawings.

4. INSTALLATION

4.1 The Series 140(248) Aluminum Sliding Glass Doors and its components shall be installed in strict compliance with the approved drawings.

4.2 The installation of this product **will not require** a hurricane protection system

5. LABELING

5.1 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".

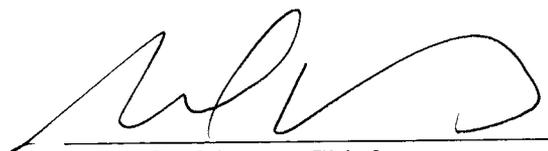
6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

6.1.2 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.

6.1.3 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.



Raul Rodriguez, Chief
Product Control Division

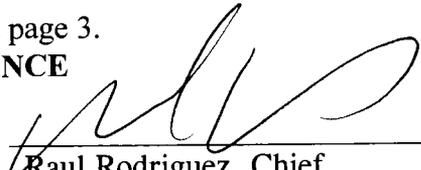
APPROVED: January 24, 2002

EXPIRES: January 24, 2007

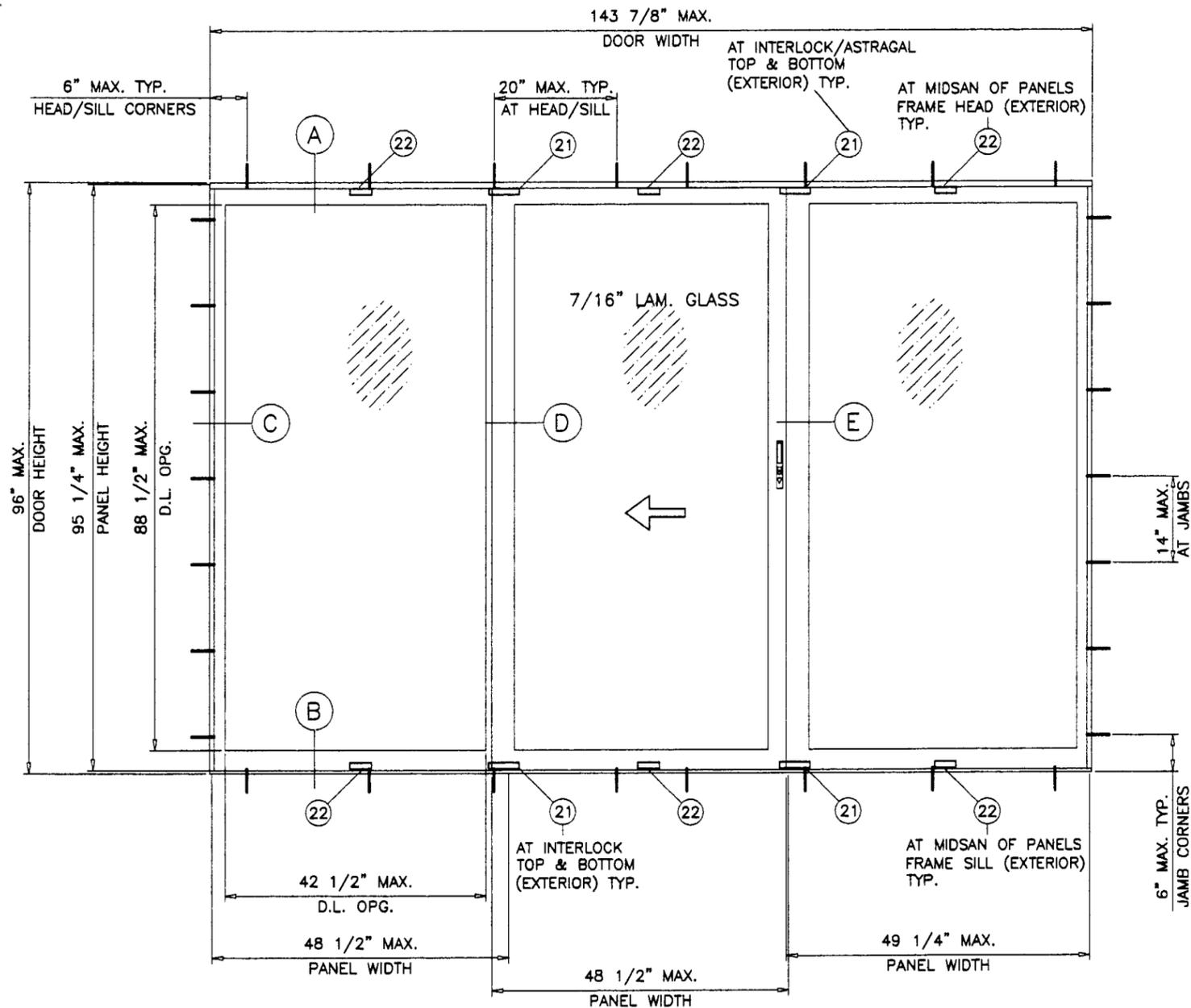
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, 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 Approved", 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 purpose.
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.

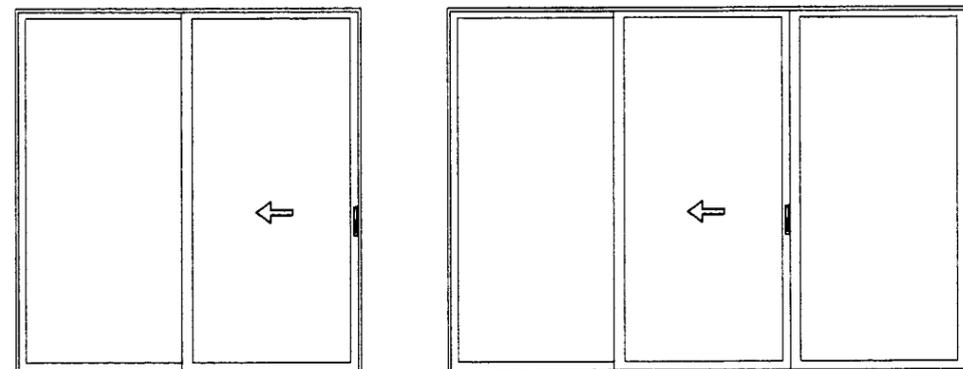
END OF THIS ACCEPTANCE



Raul Rodriguez, Chief
Product Control Division



TYPICAL ELEVATION
TESTED UNIT



OX OR XO

OXO

APPROVED CONFIGURATIONS

LARGE MISSILE IMPACT RESISTANT DOORS SHUTTERS NOT REQUIRED			
7/16" LAMINATED GLASS			
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	DESIGN LOAD - PSF	
		EXT. (+)	INT. (-)
2/6	6/8	65.0	65.0
3/0		65.0	65.0
3/6		65.0	65.0
4/0		65.0	65.0
4/6		65.0	65.0
2/6	8/0	65.0	65.0
3/0		65.0	65.0
3/6		65.0	65.0
4/0		60.0	60.0

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.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

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

DEC 21 2001

JANUARY 24, 2002

01-1003.02

afsc

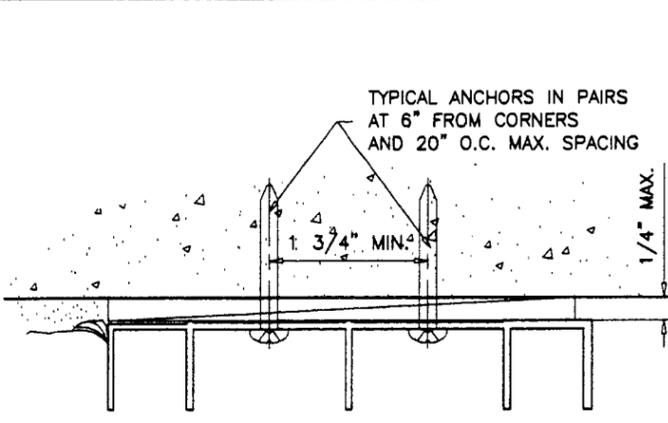
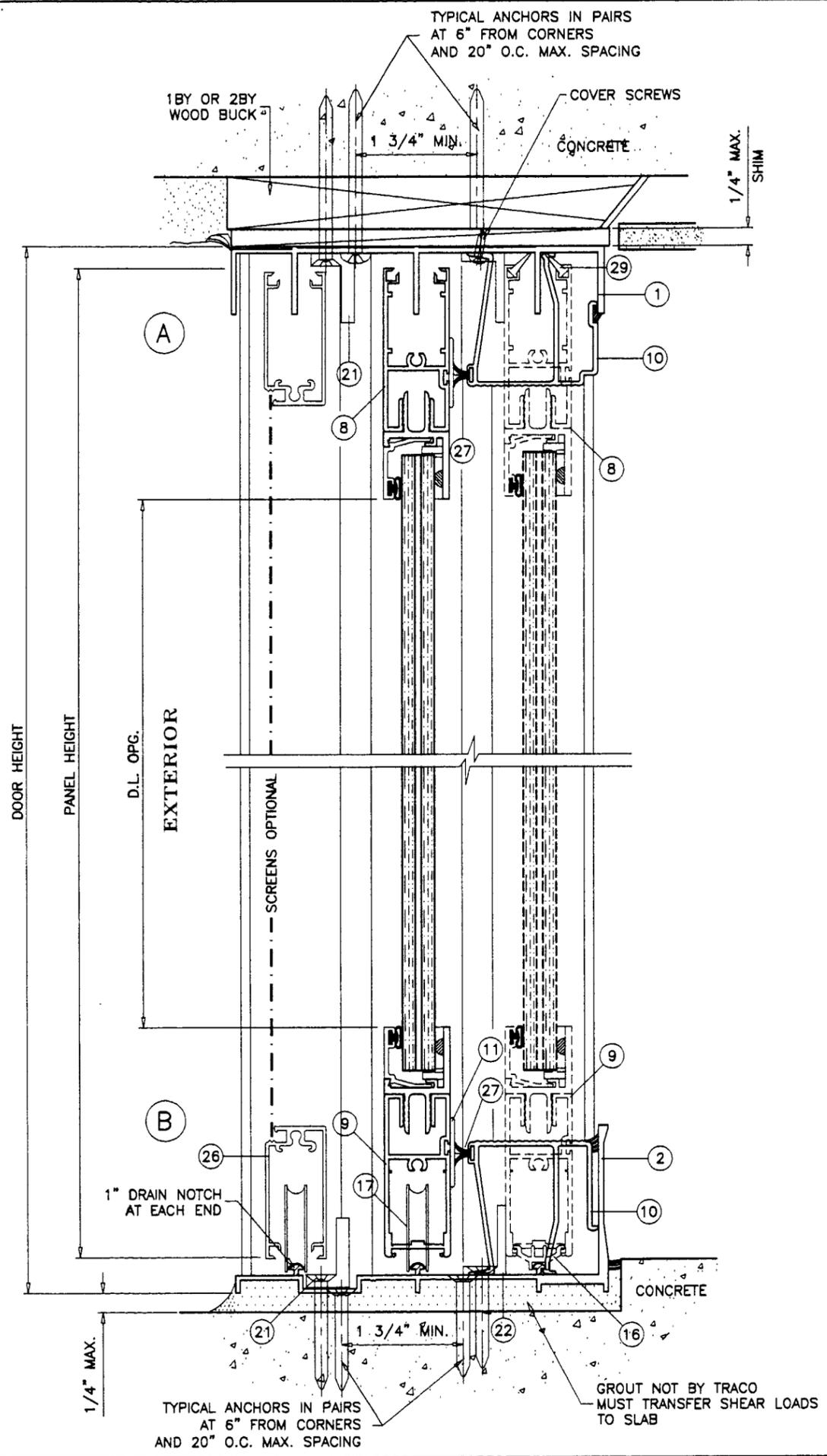
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-5915

SERIES 140(248) ALUM. SLIDING GLASS DOOR
TRACO SECURITY WINDOWS & DOORS INC.
5100 N.W. 72 AVE.
MIAMI, FL. 33166
TEL. (305) 591-8990

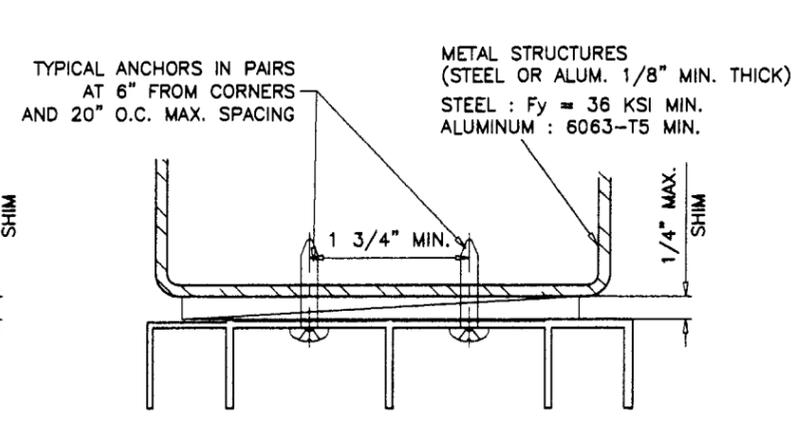
no.	date	by	description
A	12.20.01		REV. PER BCCO COMMENTS

date: 08-30-01
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W01-59
sheet 1 of 5



ATTACHMENT TO CONCRETE



ATTACHMENT TO ALUM OR STEEL

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

3/16" DIA. TAPCONS BY ITW BULDEX OR EQUIV.
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD

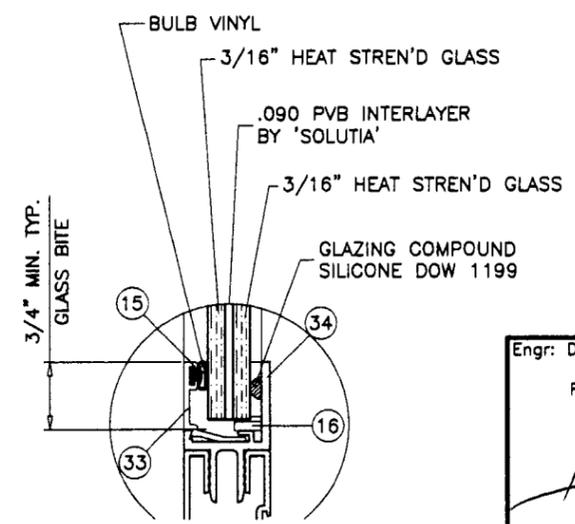
THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

INTO CLIPS USE 1/4" DIA. TAPCONS
 SAME EMBEDMENTS AS ABOVE

1/4" TEKS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICKNESS)

SEALANTS:

FRAME CORNERS SEALED WITH VULKEM SEALANT.
 HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH JOINT SEALANT.
 FRAME HEAD COVER TO HEAD, FIX. JAMB STILE TO JAMB UPTO 3",
 FIX. INTERLOCK, FIX. BOTTOM RAIL AND THRESHOLD TO SILL
 TO BE SEALED WITH SILICONE.



7/16" OVERALL LAMINATED GLASS
 LARGE MISSILE IMPACT RESISTANT

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

DEC 21 2001

January 24, 2002

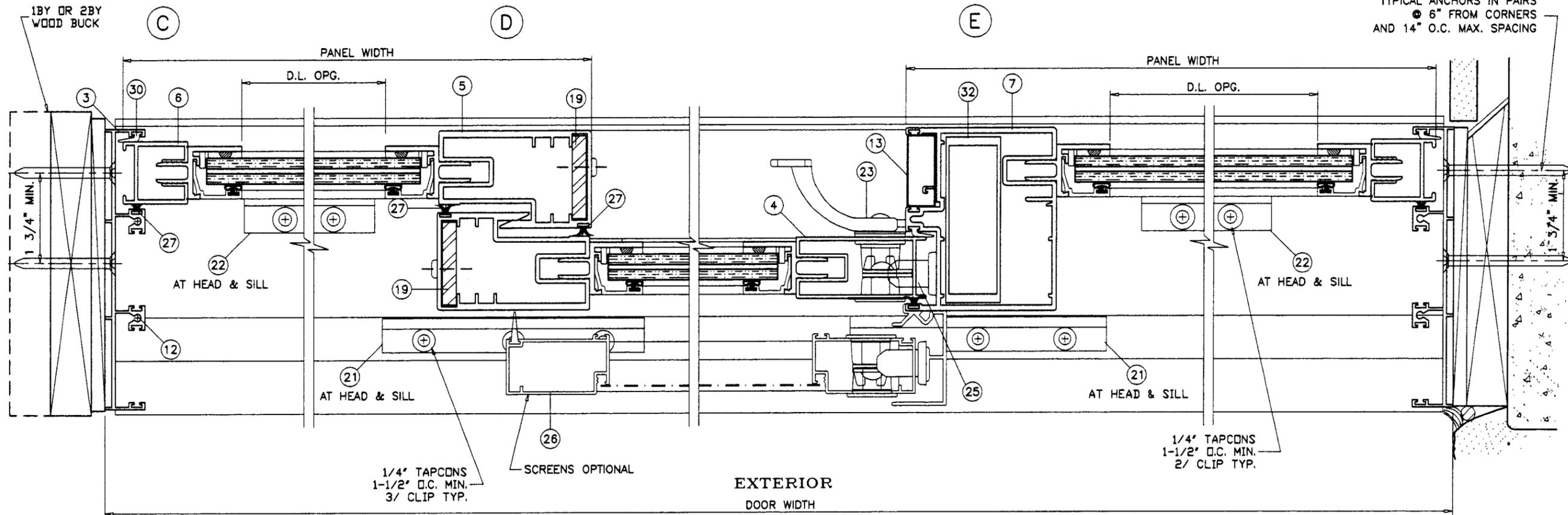
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AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL/W01-5915

SERIES 140(248) ALUM. SLIDING GLASS DOOR
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 MIAMI, FL. 33166
 TEL. (305) 591-8990

no.	date	description

date: 08-30-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W01-59
 sheet 2 of 5



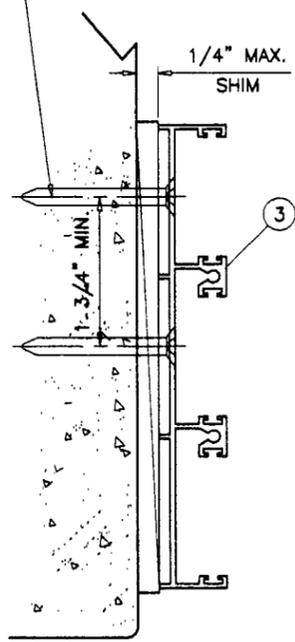
TYPICAL ANCHORS IN PAIRS
 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING

1/4" TAPCONS
 1-1/2" O.C. MIN.
 3/4" CLIP TYP.

1/4" TAPCONS
 1-1/2" O.C. MIN.
 2" CLIP TYP.

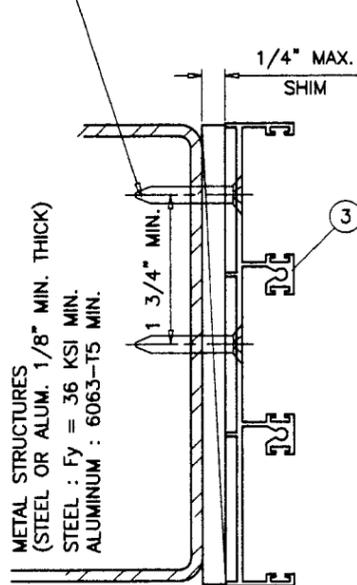
EXTERIOR
 DOOR WIDTH

TYPICAL ANCHORS IN PAIRS
 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING

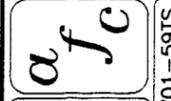


ATTACHMENT TO CONCRETE
 OR CONC. BLOCK

TYPICAL ANCHORS IN PAIRS
 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING



ATTACHMENT TO METAL STRUCTURES
 STEEL OR ALUMINUM



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revisions:	
no.	date by description

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 DEC 21 2001

date: 08-30-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 JANUARY 24, 2002
 01-1003.02

drawing no.
W01-59
 sheet 3 of 5

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	050-392	1	HEAD	6063-T6	-
2	050-111	1	TRACK	6063-T6	-
3	050-393	2	JAMB	6063-T6	-
4	051-354	AS REQD.	LOCK STILE	6063-T6	-
5	051-359	AS REQD.	INTERLOCK	6063-T6	-
6	050-357	2	JAMB STILE	6063-T6	-
7	051-358	AS REQD.	ASRAGAL STILE	6063-T6	-
8	050-483	1/ PANEL	TOP RAIL	6063-T6	-
9	051-421	1/ PANEL	BOTTOM RAIL	6063-T6	-
10	050-431	1	COVER HEAD/THRESHOLD	6063-T6	-
11	050-004	1	FILLER	6063-T5	-
12	-	2/CORNER	FRAME ASSEMBLY SCREW	ST. STEEL	#10 X 1" PHPH SMS
13	050-299	AS REQD.	FILLER TRIM	6063-T5	OPTIONAL
14	-	1/CORNER	PANEL ASSEMBLY SCREW	ST. STEEL	#10 X 1" PHPH SMS
15	046-010	AS REQD.	BULB VINYL (7/16" GLASS)	VINYL	WV-3134
16	046-103	-	SETTING BLOCK (.100 X .300)	SANTOPRENE	WV-5848
17	037-00-015	2/ MOV. PANEL	#39.13 TANDEM WHEEL ASSEMBLY	ST. STEEL	TRUTH, AT EACH END
18	-	-	-	-	-
19	008-004	-	1/4 X 1-1/2" REINFORCING BAR	STEEL (CRS)	FULL LENGTH
20	-	-	-	-	-
21	050-049	4	1" X 3/4" X 3/16" X 5" LONG ANGLE	6063-T6	-
22	-	6	1" X 3/4" X 1/8" X 3-1/2" LONG ANGLE	6063-T6	-
23	-	-	INTERIOR PULL W/ NIGHT LATCH	ZAMAK	1400 SERIES FLUSH MOUNTED LOCK SET
24	-	-	-	-	-
25	-	-	KEEPER	ZAMAK	-
26	-	OPTIONAL	SCREEN	-	-
27	047-014	-	WOOLPILE (FIN SEAL TYPE)	-	ULTRAFAB #3036
28	-	-	-	-	-
29	046-015	AS REQD.	FLAP W'STRIPPING (TOP RAIL)	SOFT VINYL	WV-2213
30	046-030	AS REQD.	FLAP W'STRIPPING (JAMB)	SOFT VINYL	WV-2205
31	-	-	-	-	-
32	SEG 012-130	-	ALUM REINFORCING	6063-T6	FULL LENGTH
33	050-749	4/PANEL	GLAZING BEAD (7/16" GLASS)	6063-T5	-
34	050-752	4/PANEL	ADAPTER (7/16" GLASS)	6063-T5	-

afc

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COMP-ANL\W01-591S

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no	date	by	description

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

[Signature]

DEC 21 2001

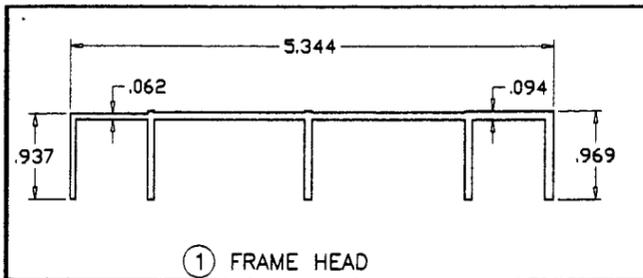
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dr. by: HAMID
chk. by:

JANUARY 24, 2002

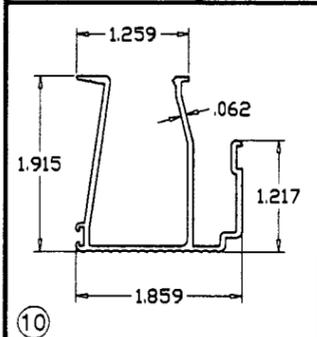
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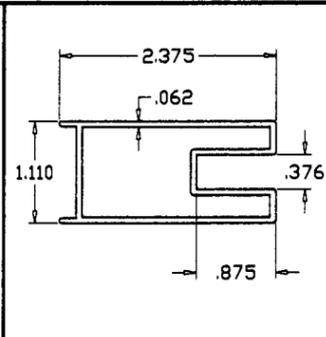
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sheet 4 of 5



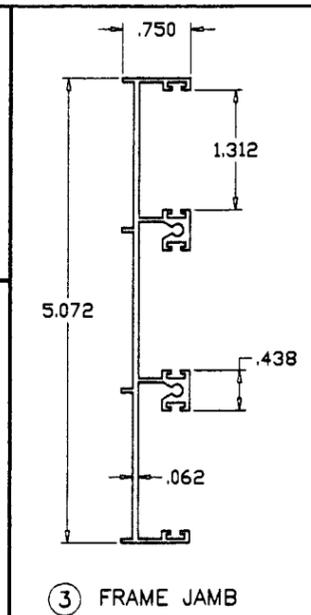
① FRAME HEAD



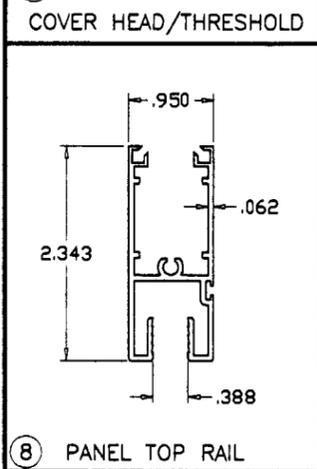
⑩ COVER HEAD/THRESHOLD



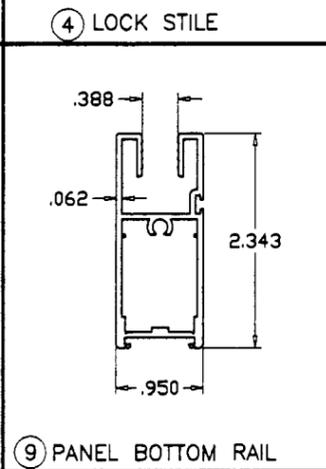
④ LOCK STILE



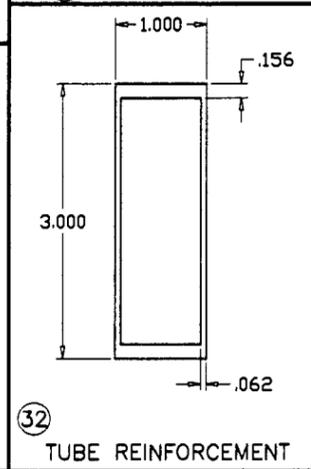
③ FRAME JAMB



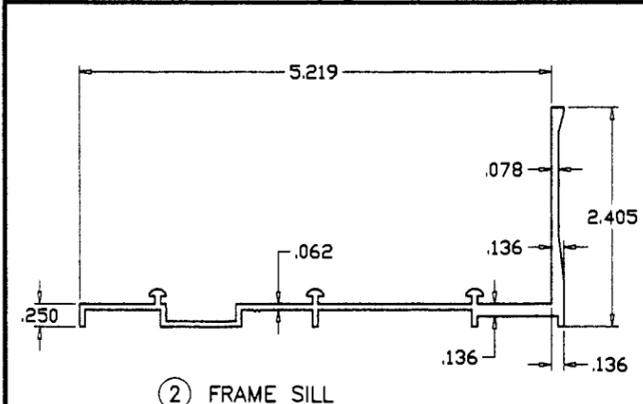
⑧ PANEL TOP RAIL



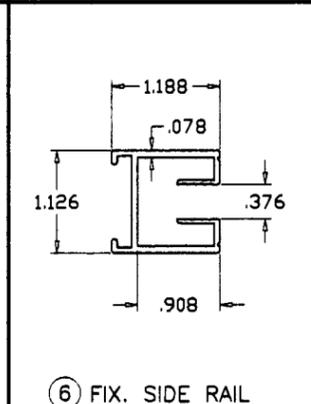
⑨ PANEL BOTTOM RAIL



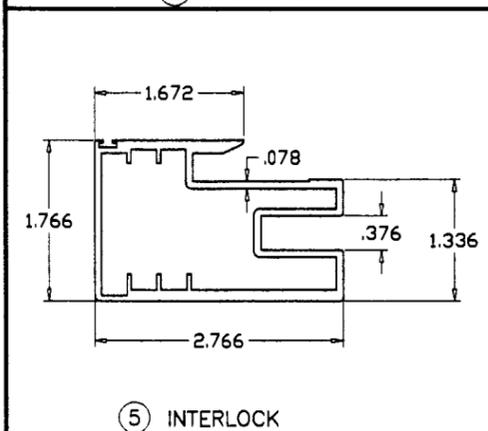
③② TUBE REINFORCEMENT



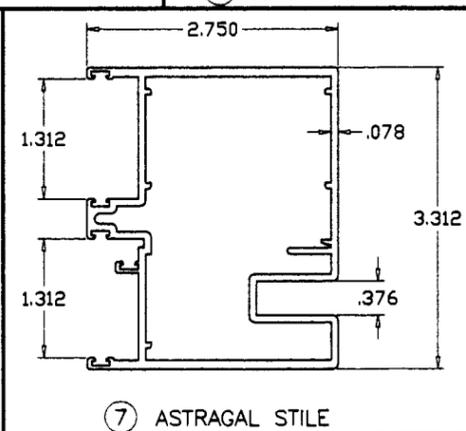
② FRAME SILL



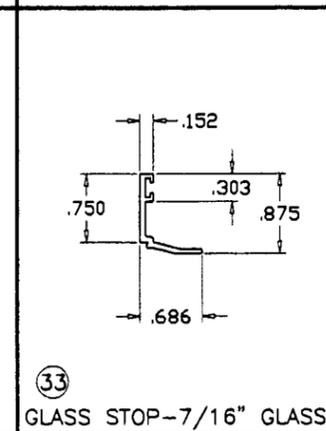
⑥ FIX. SIDE RAIL



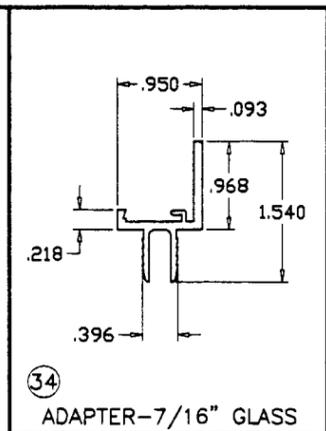
⑤ INTERLOCK



⑦ ASTRAGAL STILE

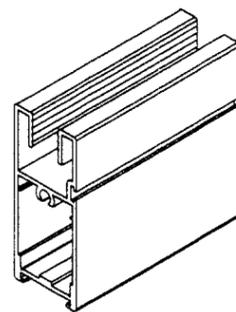


③③ GLASS STOP-7/16" GLASS



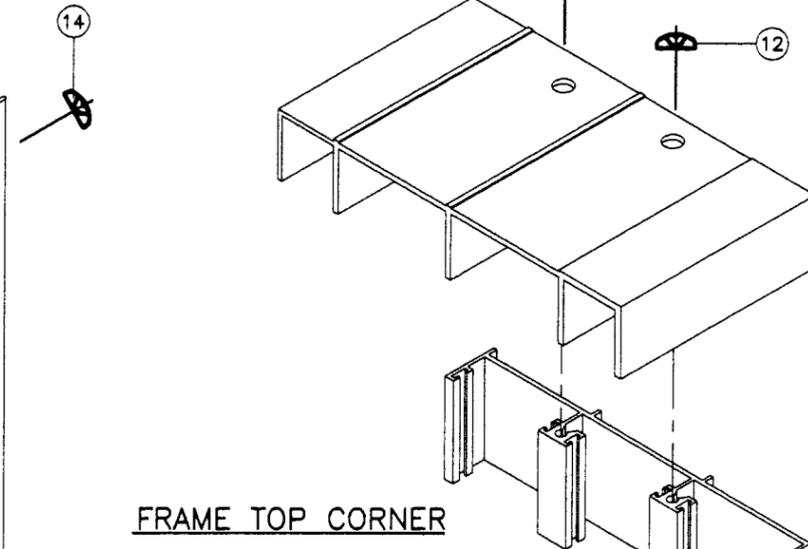
③④ ADAPTER-7/16" GLASS

PANEL TOP CORNER

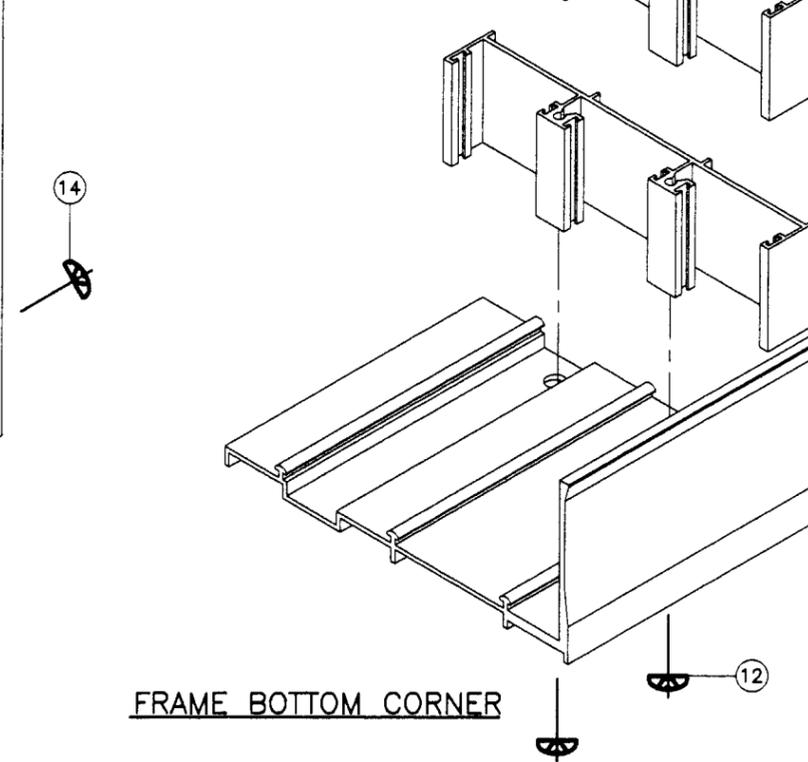


PANEL BOTTOM CORNER

FRAME TOP CORNER



FRAME BOTTOM CORNER



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revisions:	no	date	by	description

drawing no. **W01-59**
sheet 5 of 5