



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

Seasonshield, Inc.
355 Center Court
Venice ,FL 34292

Your application for Notice of Acceptance (NOA) of:

Series 4500 Aluminum Sliding Glass Door

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.: 01-0926.01
EXPIRES: 11/05/2006

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: 11/29/2001



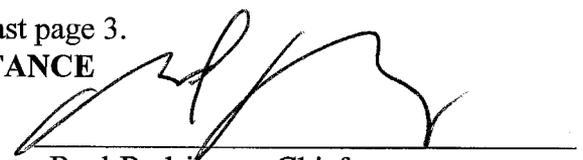
APPROVED: November 29, 2001

EXPIRES: November 5, 2006

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

APPROVED: November 29, 2001

EXPIRES: November 5, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **revises** and **renews** Notice of Acceptance (NOA) No. **98-0304.01**, which was issued on November 05, 1998. It revises and renews the approval of an 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 "4500" Aluminum Sliding Glass Door** and its components shall be constructed in strict compliance with the following document: Drawing No **W98-14**, Sheets 1 through 5 of 5, titled "Series-4500 Sliding Glass Door," prepared by Al Farooq Corporation, dated 2/5/98 and revised on 10/24/01, signed and sealed by Dr. 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 single unit applications only, as shown in approved drawings.
3.2 Head receptor is not allowed to be used in this installation.

4. INSTALLATION

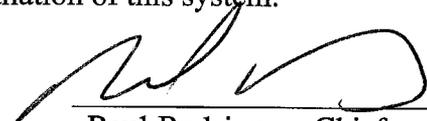
4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

5. LABELING

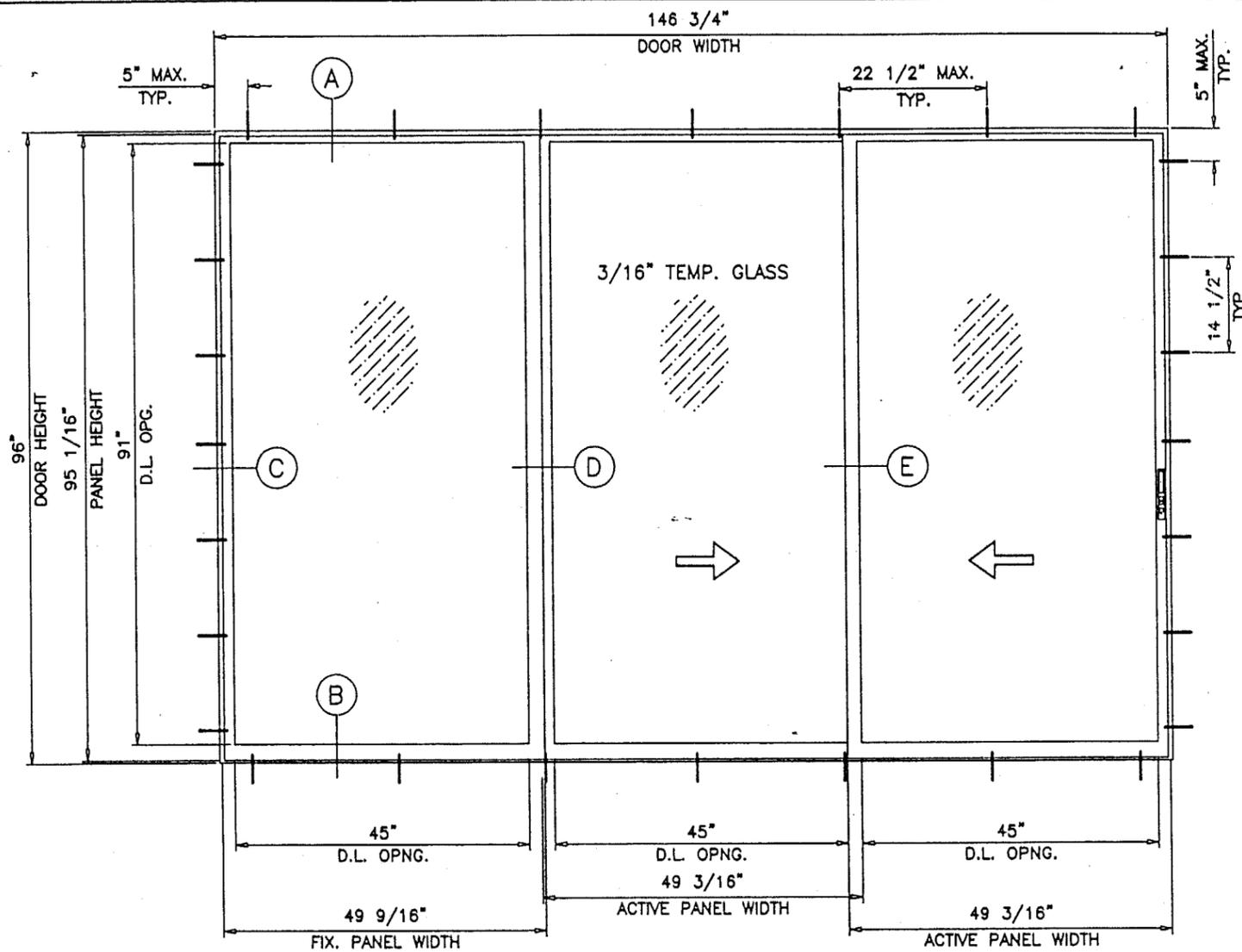
5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

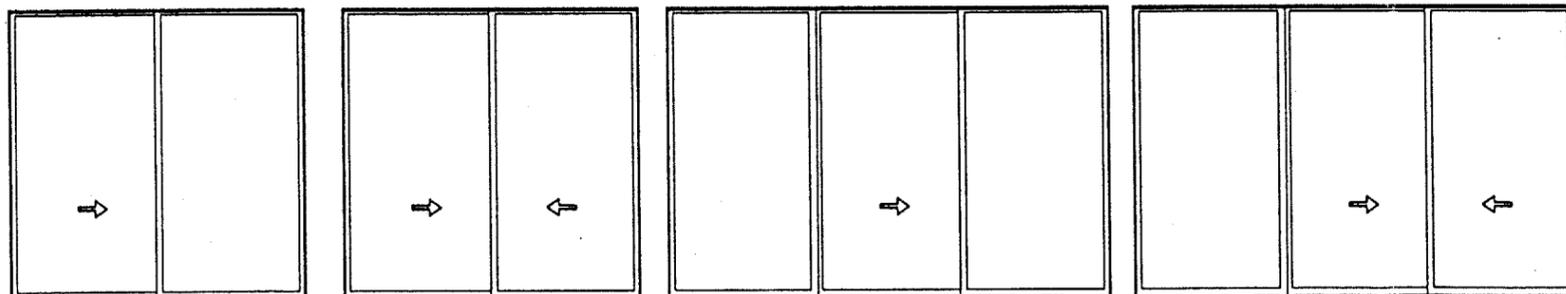
6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
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



TYPICAL ELEVATION
OXX
TESTED UNIT



APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF (PANELS WITH 3/16" TEMPERED GLASS)							
PANEL WIDTHS ARE NOMINAL							
PANEL WIDTH	DOOR HEIGHT	LIGHT REINFORCING		MEDIUM REINFORCING		HEAVY REINFORCING	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	72"	61.4	61.4	70.0	112.6	70.0	128.7
36"		54.0	54.0	70.0	99.0	70.0	113.2
42"		49.0	49.0	70.0	89.9	70.0	102.7
48"		45.6	45.6	70.0	83.5	70.0	95.5
30"	80"	53.8	53.8	70.0	98.7	70.0	112.8
36"		47.0	47.0	70.0	86.2	70.0	98.6
42"		42.4	42.4	70.0	77.7	70.0	88.8
48"		39.1	39.1	70.0	71.6	70.0	81.9
30"	96"	43.2	43.2	70.0	79.2	70.0	90.5
36"		37.4	37.4	68.5	68.5	70.0	78.4
42"		33.3	33.3	61.1	61.1	69.9	69.9
48"		30.4	30.4	55.7	55.7	63.7	63.7

SERIES-4500 ALUMINUM SLIDING GLASS DOOR
COMPARATIVE ANALYSIS CHART

BASED ON NCTL-210-1946-11,12,13, LIGHT REINFORCING
BASED ON NCTL-210-1946-14,15,16, MEDIUM REINFORCING
BASED ON NCTL-210-1925-1,2,3, HEAVY REINFORCING

DOORS SHALL BE PROTECTED BY
DADE COUNTY APPROVED
IMPACT RESISTANT SHUTTERS

NOTES

- THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
- 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.

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

[Signature]

OCT 26 2001

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE November 29, 2001
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-092601

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

SERIES-4500 SLIDING GLASS DOOR
SEASONSHIELD INCORPORATED
355 CENTER COURT
VENICE, FL. 34292
TEL (941) 497-1984 FAX (941) 497-6780

no	date	by	description
A	9.03.98	H	GENERAL REVISION
B	10.6.98	H	TYP. ANCHORS REVISED
C	10.24.01	H	CHART REV. PER ASTM E-1300

date: 02-05-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W98-14
sheet 1 of 5

COMP-ANL\W98-14SI

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

TYPICAL ANCHORS IN PAIRS
 ● 5" FROM ENDS
 & 22-1/2" O.C. AVG. SPACING

1' BY OR 2' BY
 WOOD BUCK

1/4" MAX.
 SHIM

* FIN SEAL PILE
 .250 HIGH AT FRAME JAMBS & INTERLOCKS
 .280 HIGH AT TOP RAILS
 .350 HIGH AT FEMALE ASTRAGAL

TYPICAL ANCHORS:

- A. INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 # 12 SMS WITH 1-1/2" MIN. PENETRATION INTO WOOD
- B. THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

ITEM #	PART #	REQD.	DESCRIPTION	REMARKS
1	AF-5773	1	FRAME HEAD	6063-T6
2	SGD2TEM	1	FRAME SILL	6063-T6
3	AF-1322	2	FRAME JAMB	6063-T6
4	2217	AS REQD.	LOCK STILE	6063-T6
5	ASGD-08E	AS REQD.	H.D. INTERLOCK	6063-T6
6	AF-1292M	AS REQD.	PANEL BOTTOM RAIL	6063-T6
7	GW30175	AS REQD.	TOP RAIL	6063-T6
8	ASGD-04E	AS REQD.	FEMALE ASTRAGAL	6063-T6
9	ASGD-05E	AS REQD.	MALE ASTRAGAL	-
* 10	-	AS REQD.	WEATHER SEAL	FIN SEAL PILE
11	-	AS REQD.	BOTTOM RAIL WEATHER SEAL	VINYL
12	-	-	OUTER FIXED PANEL BRACKET	6063-T5
13	# 8 X 3/4'	AS REQD.	ASSEMBLY SCREWS	
14	-	AS REQD.	GLAZING BEAD	P.V.C.
15	-	-	1' X 2' X 1/8' TUBE, FULL LENGTH	STEEL
16	-	-	1/2' X 1-1/4' BAR, FULL LENGTH	STEEL
17	-	-	3/4' X 15/16' BAR, FULL LENGTH	STEEL
18	-	-	3/4' X 3/4' X 1/8' TUBE, FULL LENGTH	STEEL
19	-	-	SILL RISER	6063-T6
20	-	-	WEATHER SEAL	BULB VINYL
21	-	-	CLAW TYPE LOCK	DNS 1400 OR EQUAL

GLAZING METHOD:

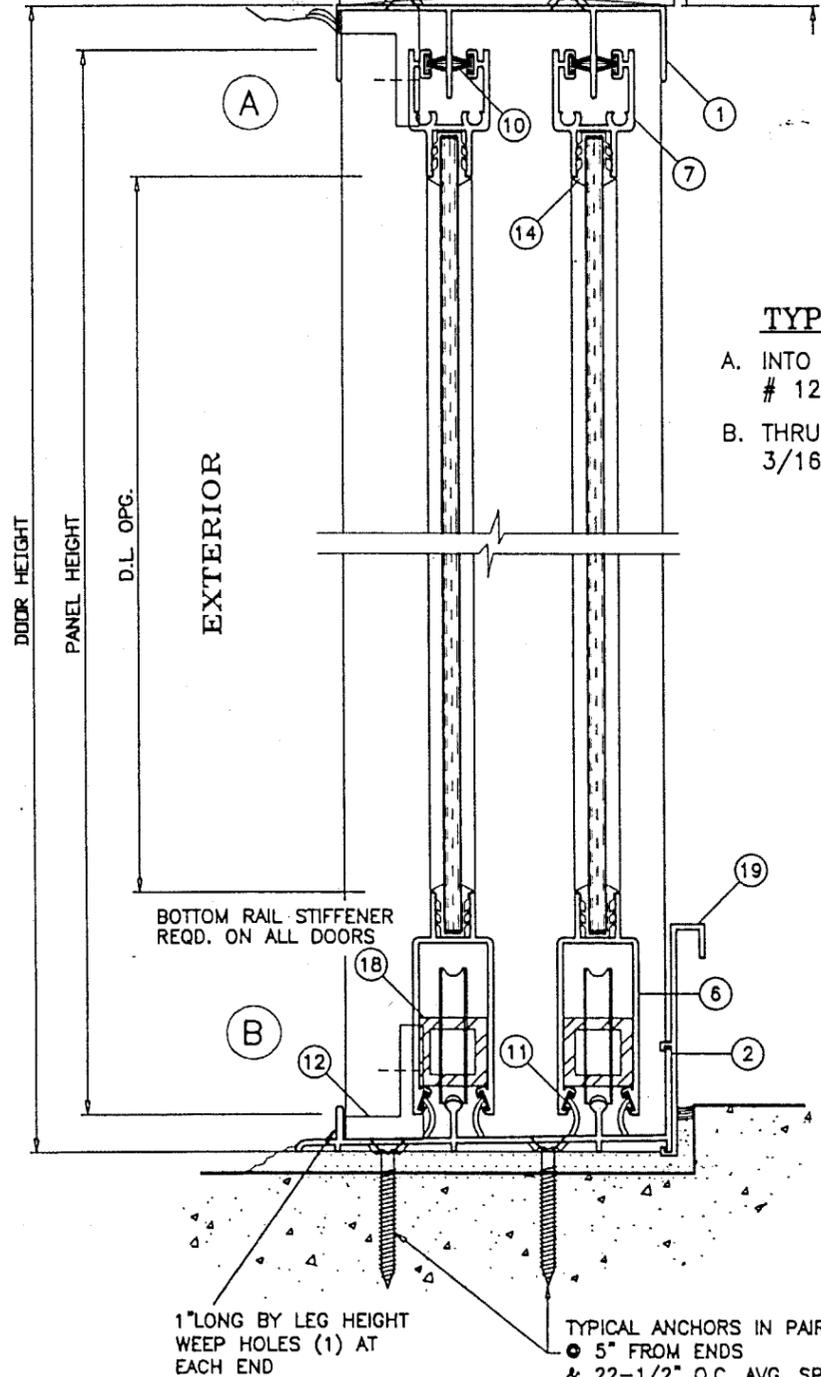
CHANNEL GLAZED WITH FLEXIBLE VINYL GLAZING WRAP AROUND BEAD
 TYPICAL GLASS BITE = 7/16" MIN.

SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH ALUMINUM COLORED SEALANT.

LOCKS:

CLAW-TYPE DOOR LOCK ASSEMBLY AT 40" FROM BOTTOM ON EACH ACTIVE PANEL LOCK STILE WITH KEEPER FASTENED AND SECURED TO FIXED PANEL'S LOCK STILE AND JAMB AT LOCK POSITIONS.



BOTTOM RAIL STIFFENER
 REQD. ON ALL DOORS

1" LONG BY LEG HEIGHT
 WEEP HOLES (1) AT
 EACH END

TYPICAL ANCHORS IN PAIRS
 ● 5" FROM ENDS
 & 22-1/2" O.C. AVG. SPACING

afsc
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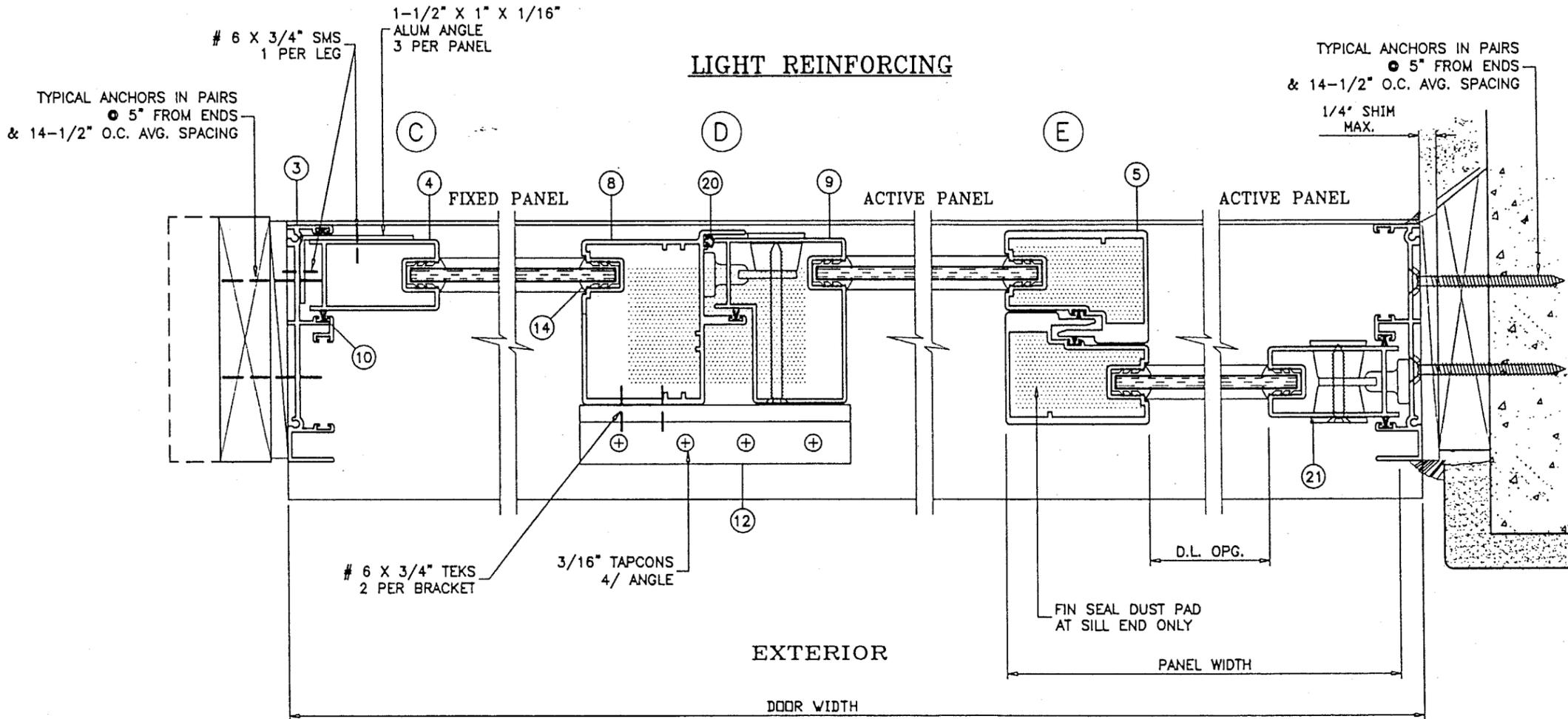
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 dr. by: HAMID
 chk. by:

drawing no.
W98-14
 sheet 2 of 5

Engr. DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
H
 OCT 26 2001

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE November 29, 2001
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0926-01



LIGHT REINFORCING

afc

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 MIAMI, FLORIDA 33174
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SERIES-4500 SLIDING GLASS DOOR
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 355 CENTER COURT
 VENICE, FL 34292
 TEL(941) 497-1984 FAX(941) 497-6780

revisions:	no	date	by	description

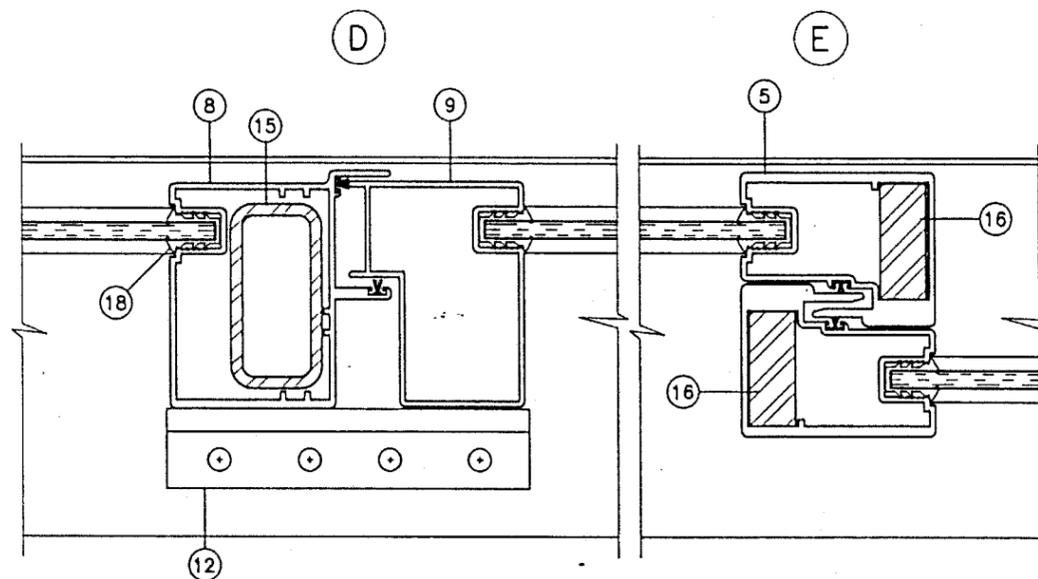
Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA PE # 16557

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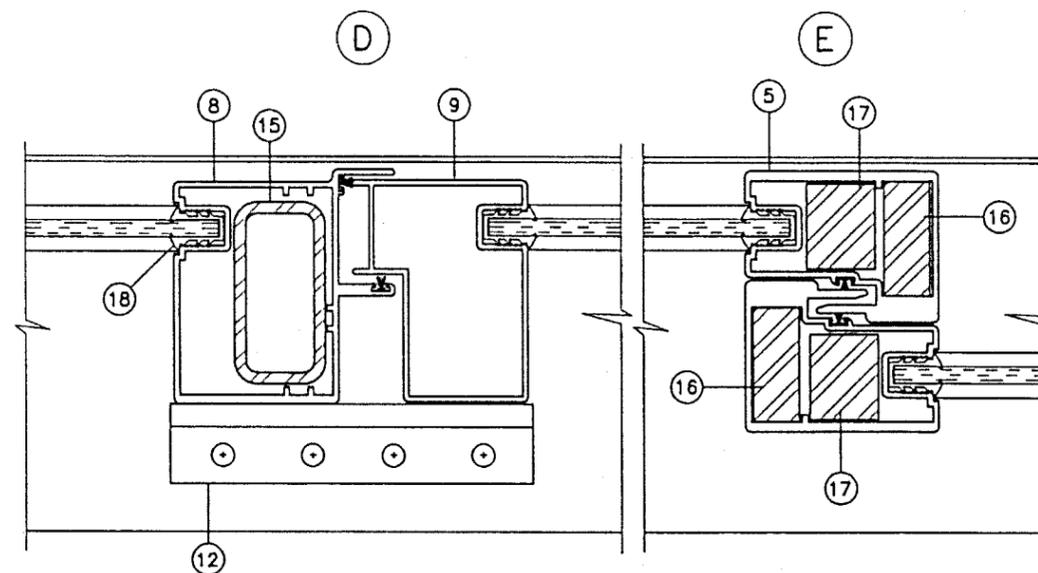
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 dr. by: HAMID
 chg. by:
 drawing no.
W98-14
 sheet 3 of 5

MEDIUM REINFORCING



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

HEAVY REINFORCING



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

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afc

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MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W98-14S1

SERIES-4500 SLIDING GLASS DOOR

SEASONSHIELD INCORPORATED

355 CENTER COURT
VENICE, FL. 34292

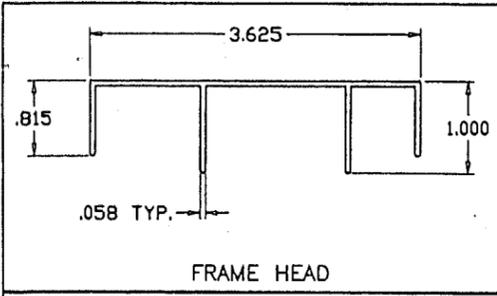
TEL.(941) 497-1984 FAX.(941) 497-6780

Revisions:	
no	date by description

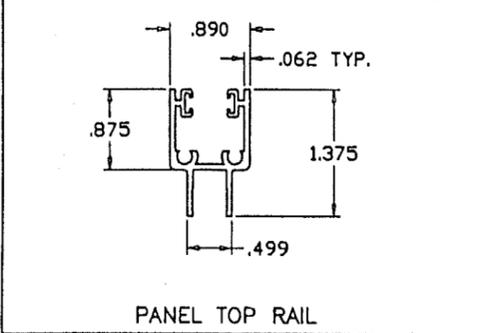
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chk. by:

drawing no.
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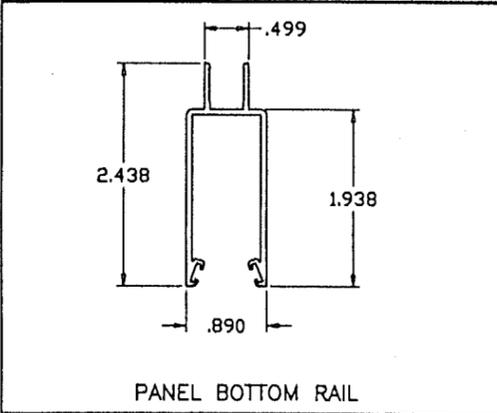
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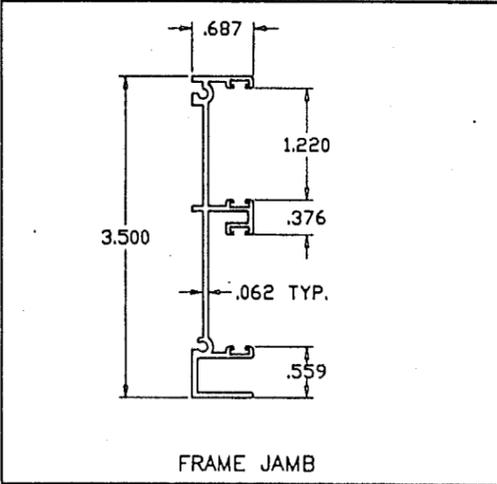
FRAME HEAD



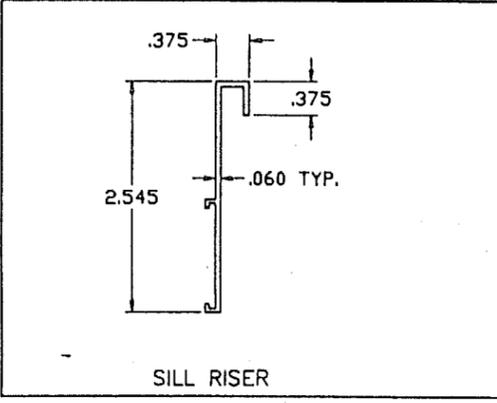
PANEL TOP RAIL



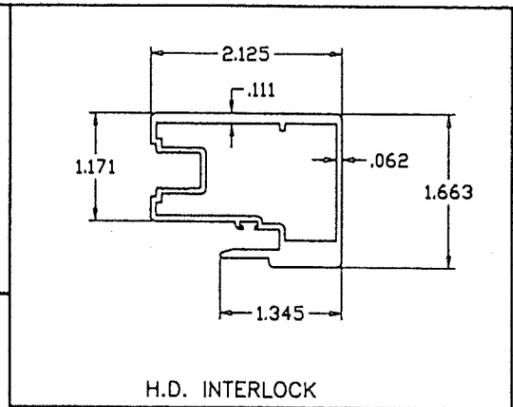
PANEL BOTTOM RAIL



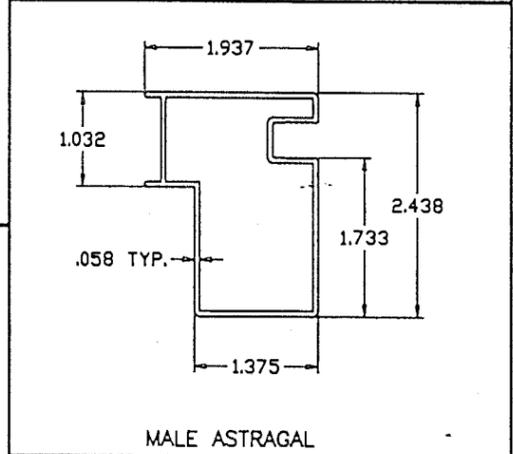
FRAME JAMB



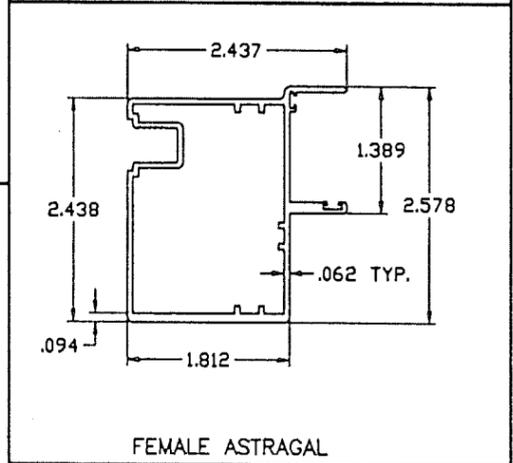
SILL RISER



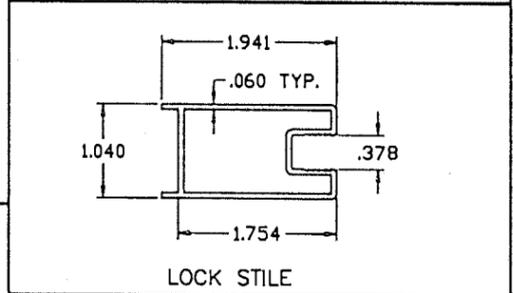
H.D. INTERLOCK



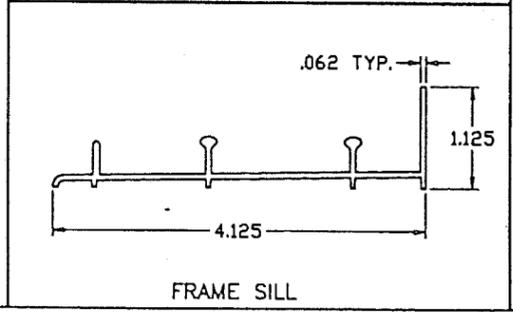
MALE ASTRAGAL



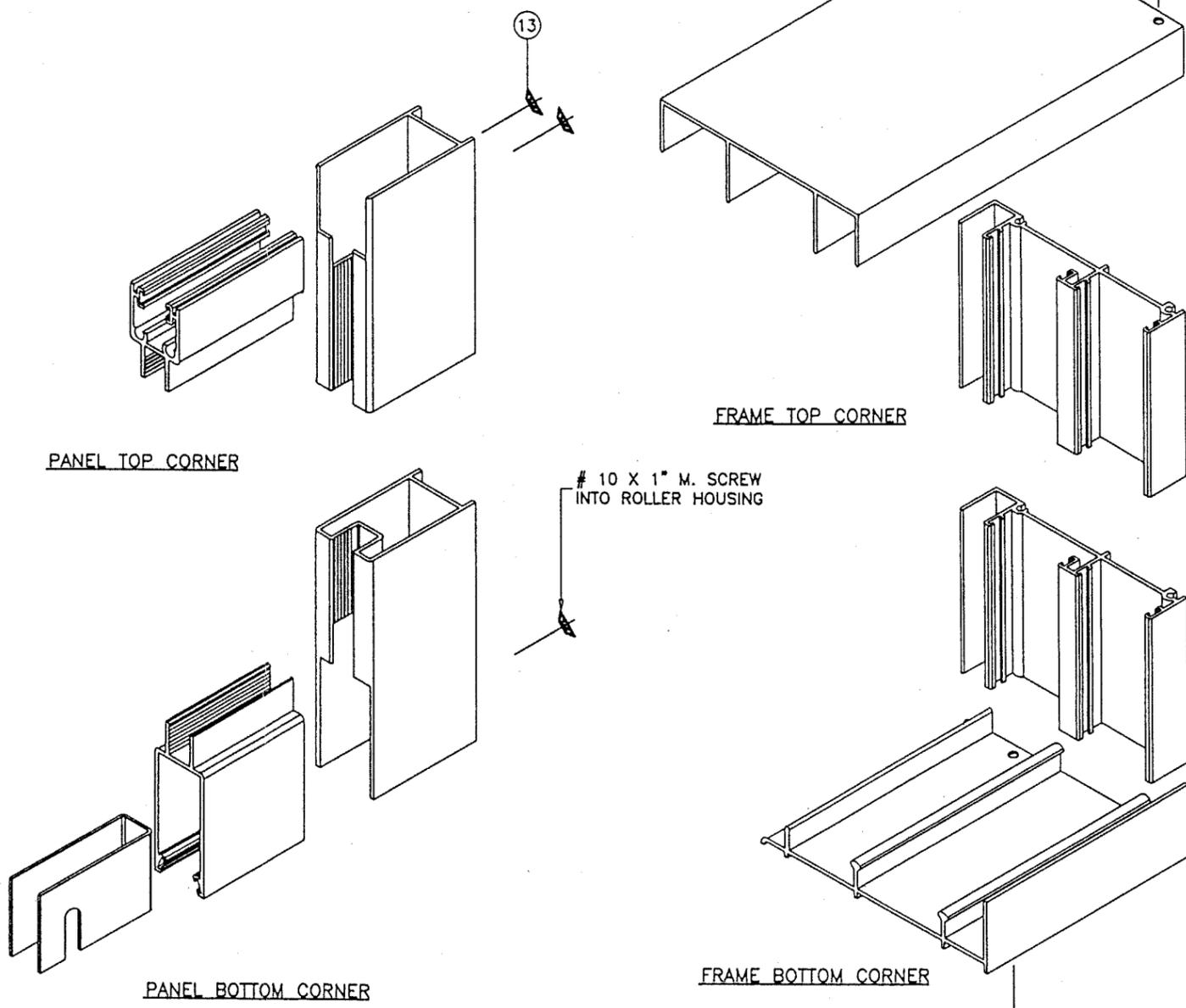
FEMALE ASTRAGAL



LOCK STILE



FRAME SILL



Engr. DR. HUMAYOUN FAROOQ
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