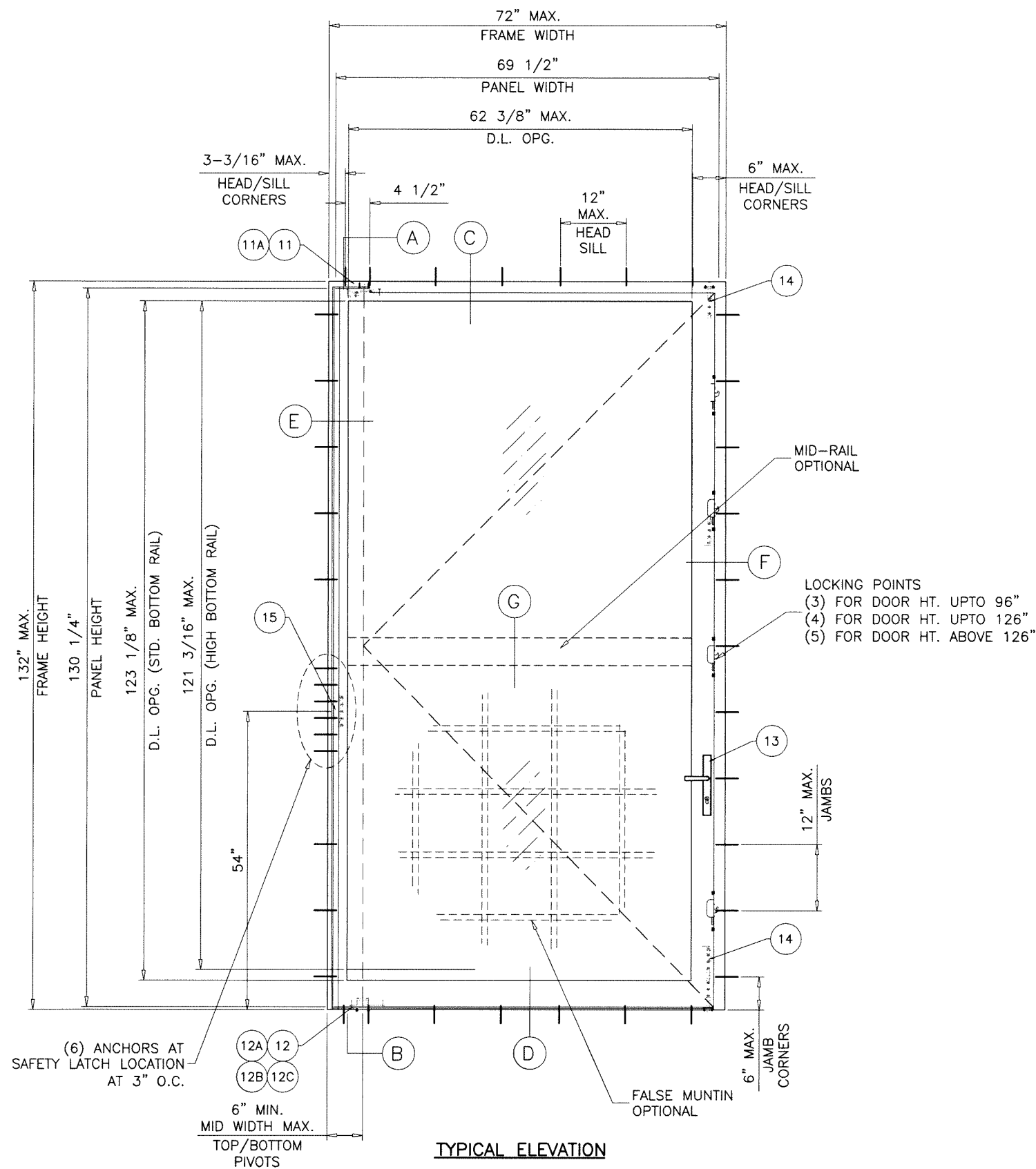




TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 60.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

JAMESTOWN 175 CENTER PIVOT OUTSWING DOOR

DOORS WITH DRAIN CHANNEL AND FORMED WEATHERSEAL(#10 & #25)
APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.
DOORS WITHOUT DRAIN CHANNEL NOT APPROVED FOR WATER
INFILTRATION RESISTANCE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT
LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

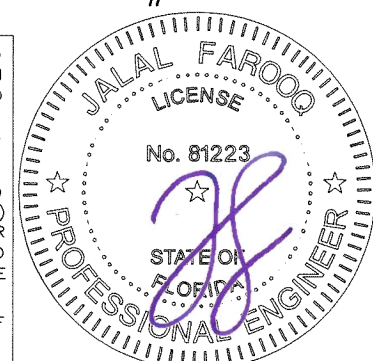
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

Sealed: 2/27/2024

FL #29712

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL \ 19-94F-HW

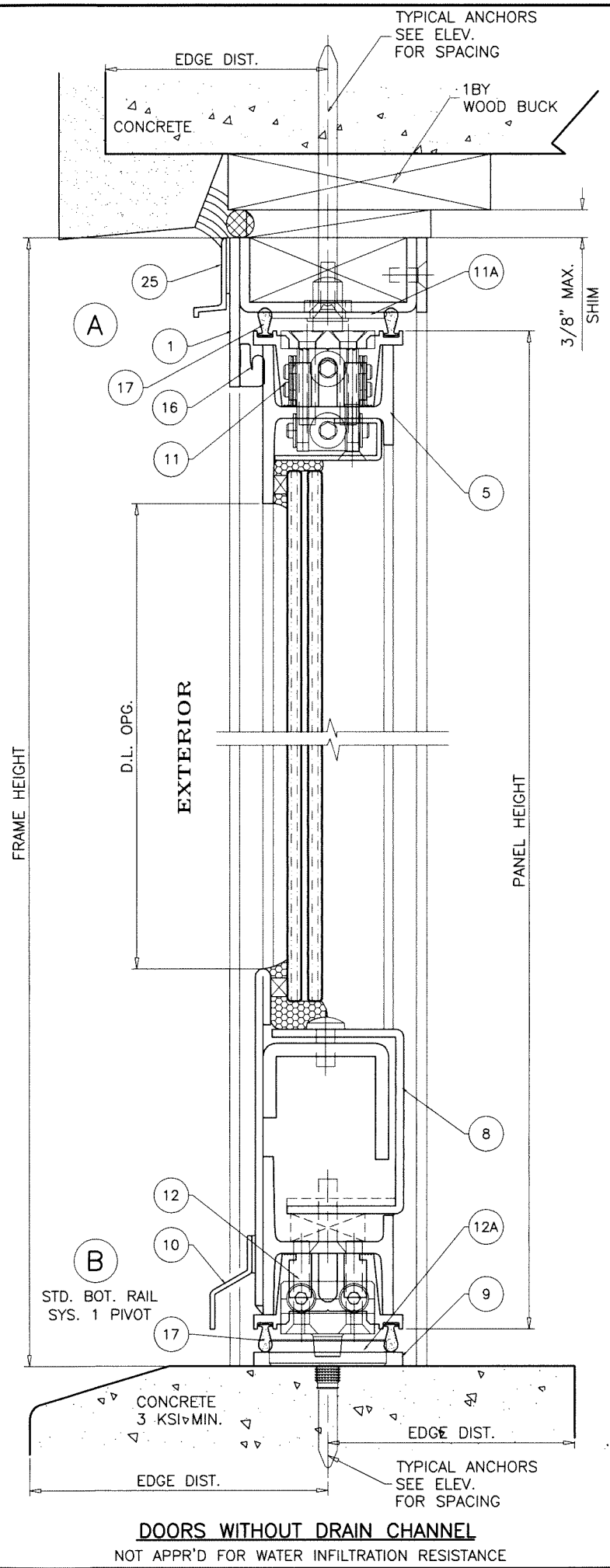
Jamestown 175 Center Pivot Outswing Door (L.M.I.)

Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

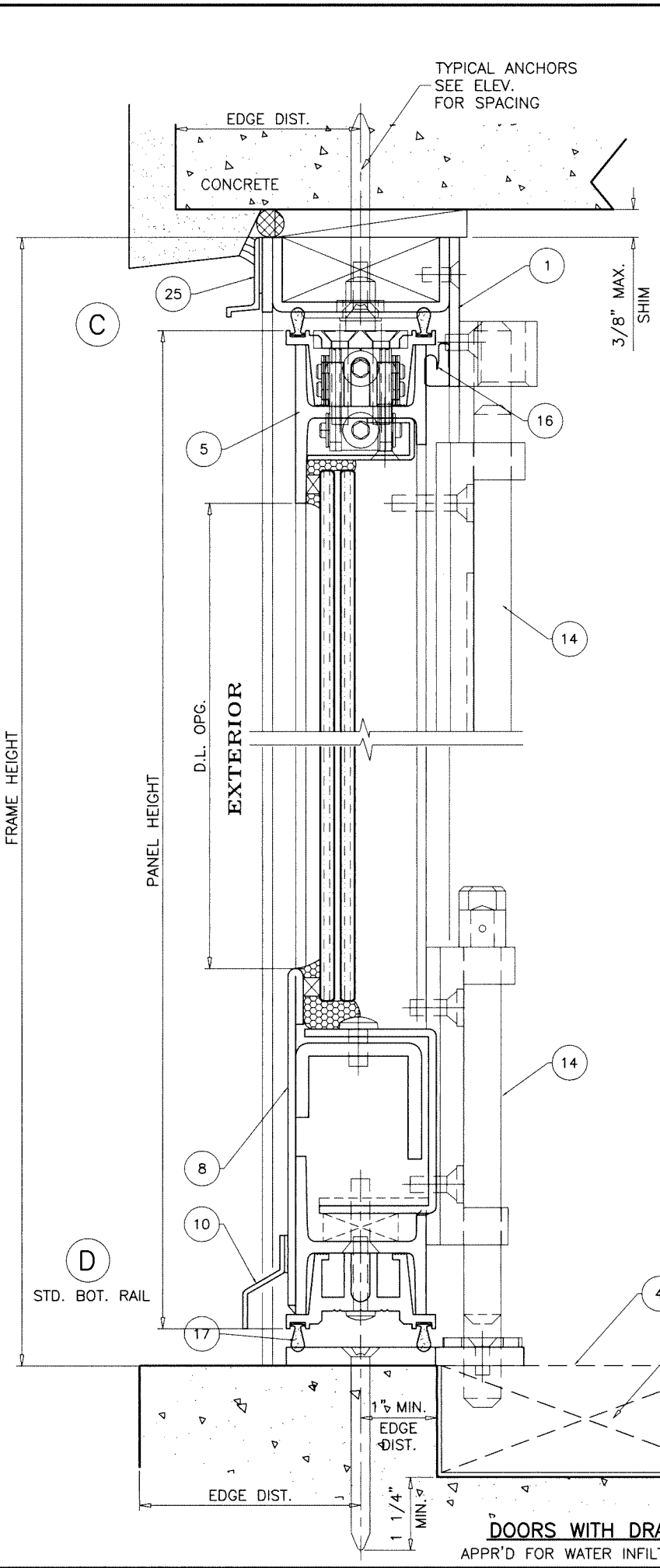
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	A	08.26.19		MID-RAIL ADDED
	B	07.28.20		UPDATED TO 2020 FBC
	C	07.13.23		UPDATED TO 2023 FBC
	D	02.12.24		SYSTEM 1 PIVOT REV.

date:	08-26-19
scale:	1/2" = 1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.	19-94F
sheet	1 of 7

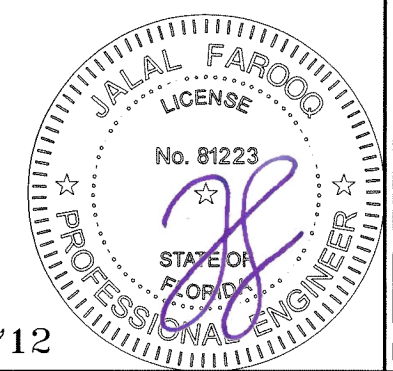
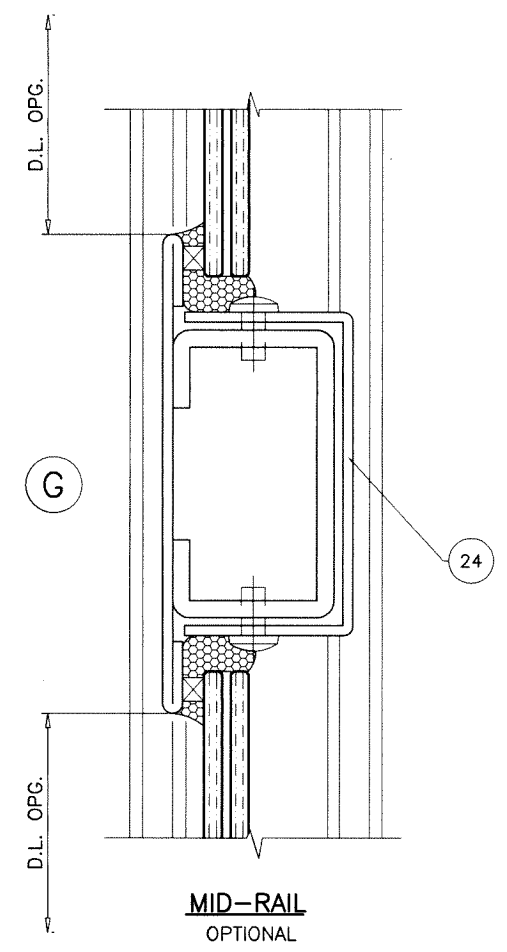


DOORS WITHOUT DRAIN CHANNEL
NOT APPR'D FOR WATER INFILTRATION RESISTANCE



DOORS WITH DRAIN CHANNEL
APPR'D FOR WATER INFILTRATION RESISTANCE

ALTERNATE DRAIN PANS
TO QUALIFY WATER RESISTANCE
MAY BE DESIGNED SEPARATELY.
SUBJECT TO APPROVAL BY BUILDING OFFICIAL.



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Revisions:	
no	date by description

date: 08-26-19

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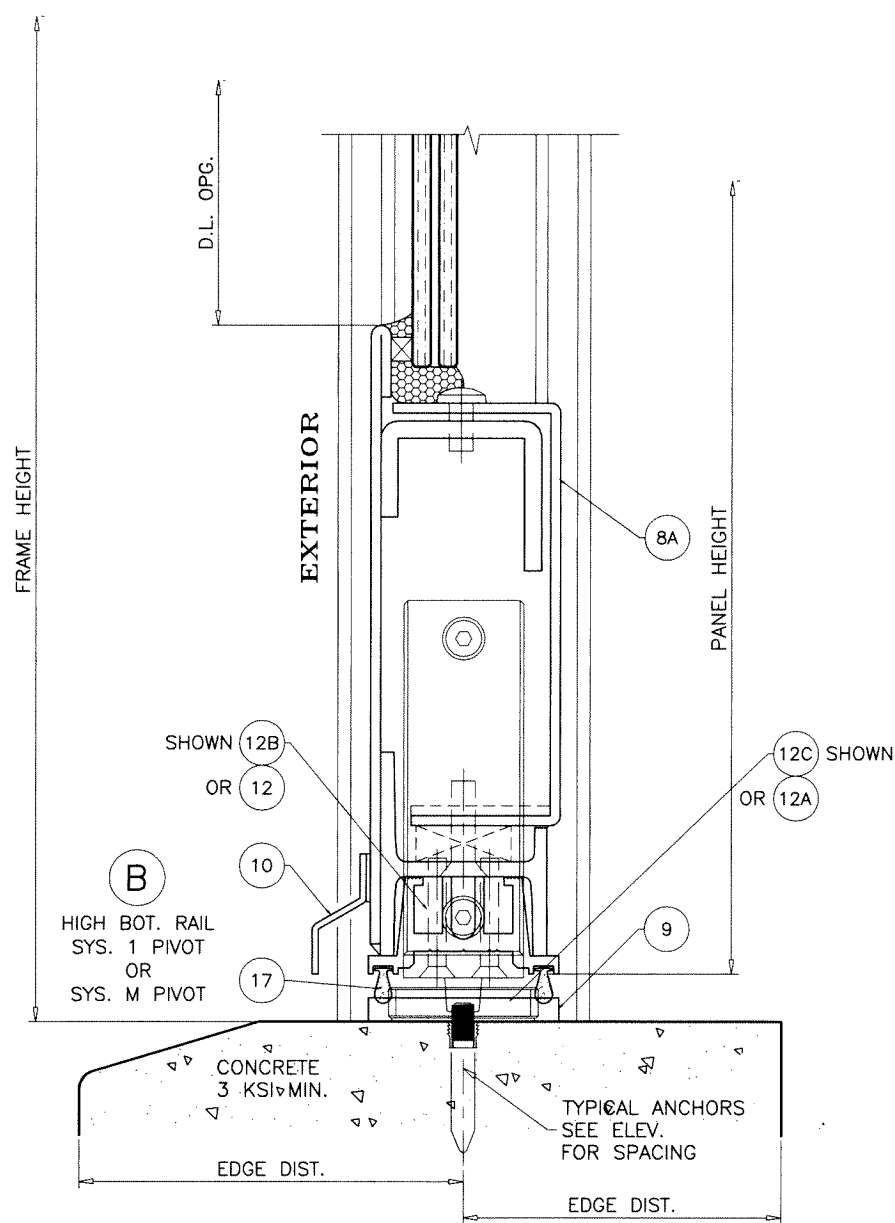
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chk. by:

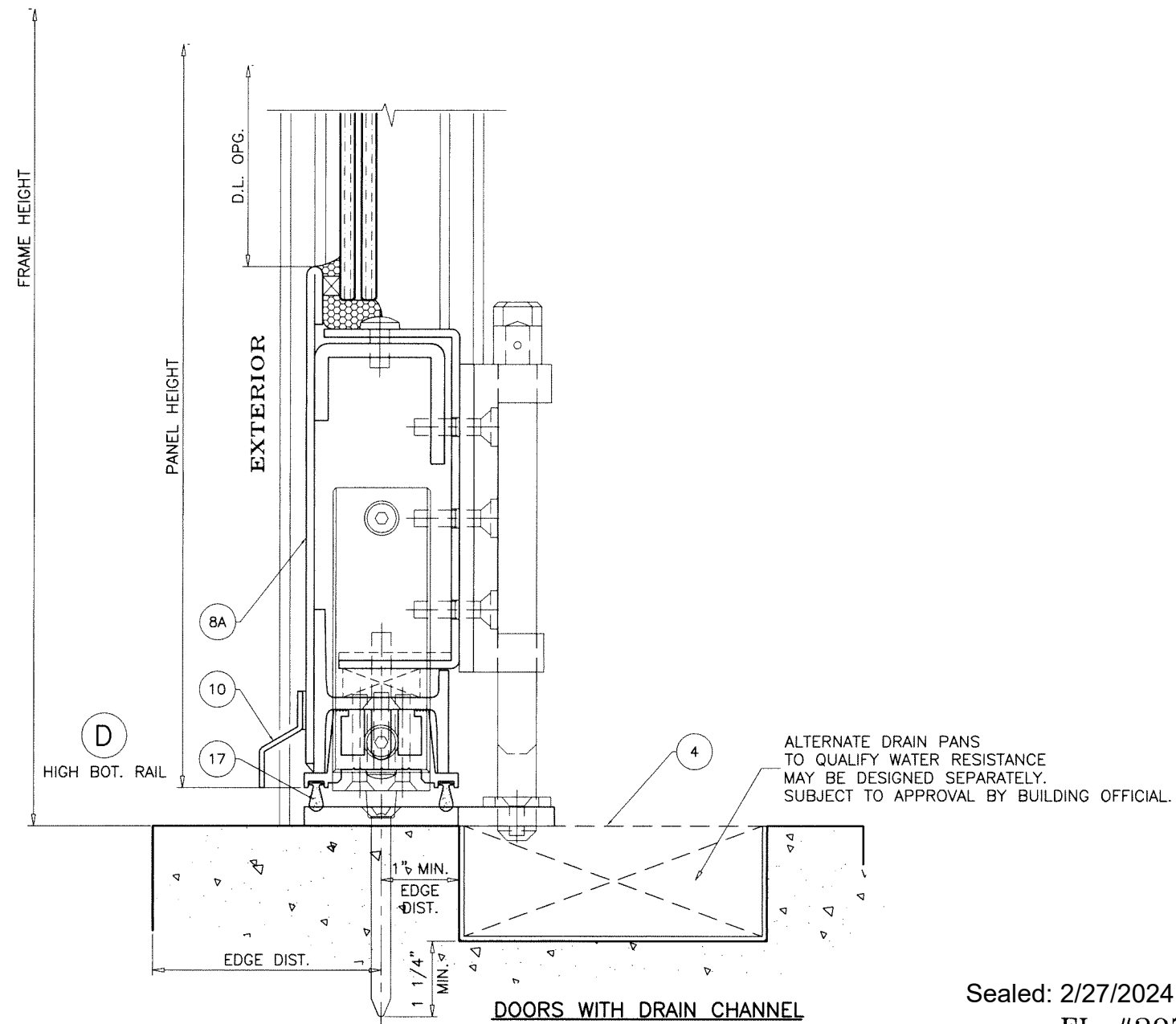
drawing no.

19-94F

sheet 2 of 7

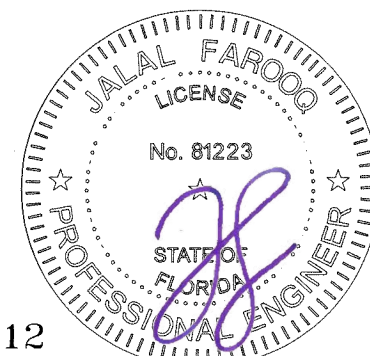


DOORS WITHOUT DRAIN CHANNEL
NOT APPR'D FOR WATER INFILTRATION RESISTANCE



DOORS WITH DRAIN CHANNEL
APPR'D FOR WATER INFILTRATION RESISTANCE

Sealed: 2/27/2024
FL #29712



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sheet 3 of 7

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WOOD BUCKS AND METAL STRUCTURE NOT BY 'HOPE'S WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 SMS OR WOOD SCREWS (GRADE 2 CRS)
(SHIMS LIMITED TO 1/4" MAX.)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS (HEAD/JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

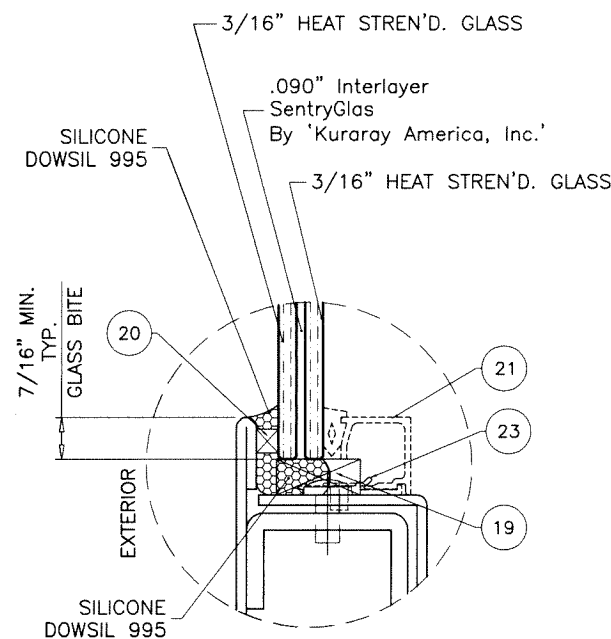
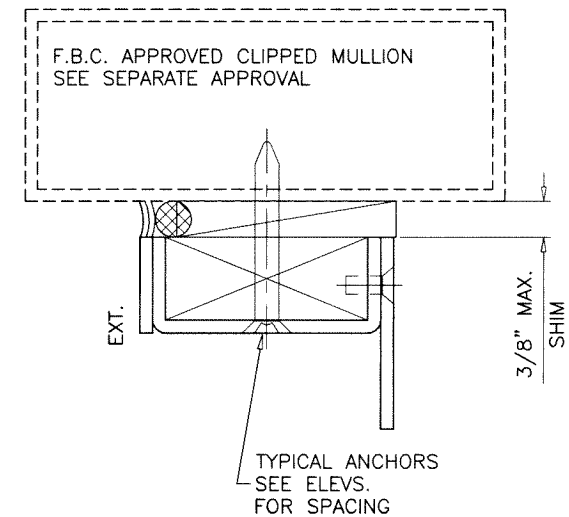
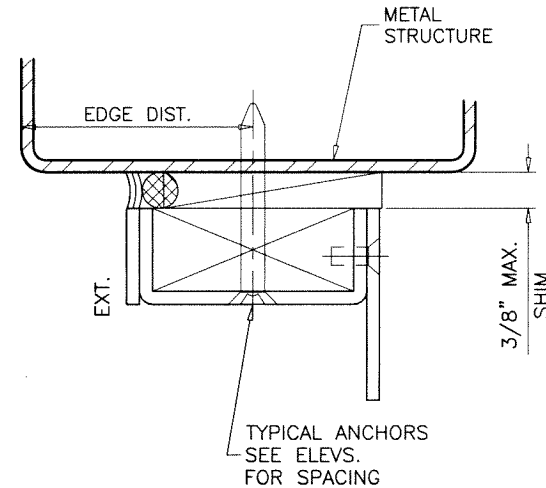
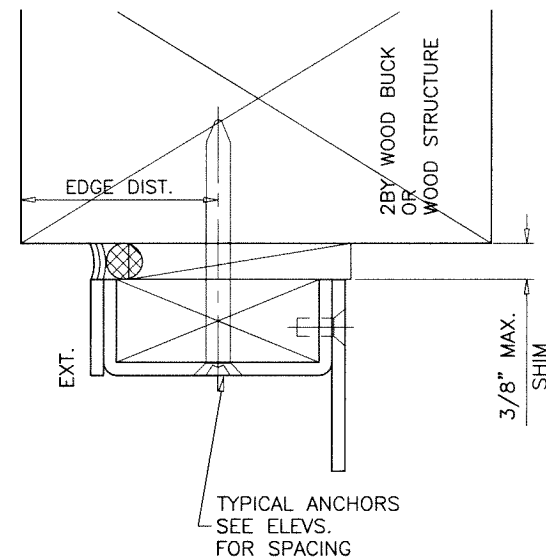
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS
AND
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

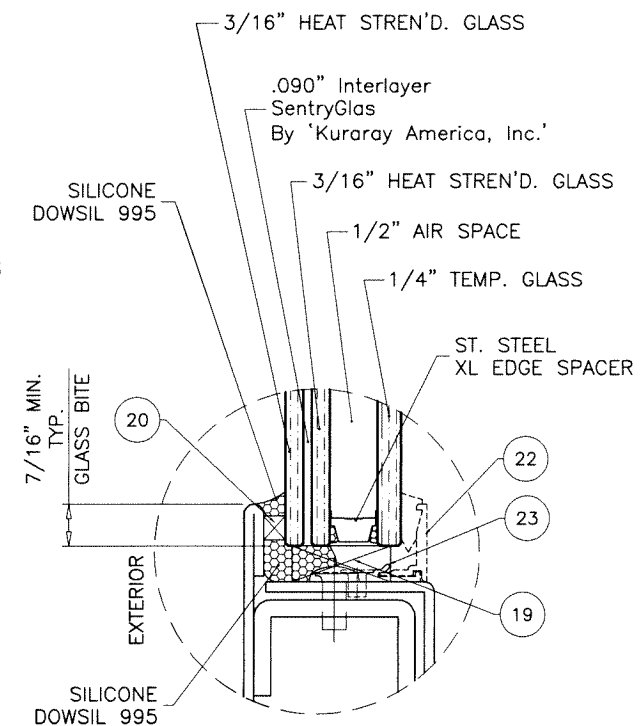
CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



GLAZING DETAIL
1/2" OVERALL LAM. GLASS



GLAZING DETAIL
1-1/4" OVERALL LAM. INSUL. GLASS

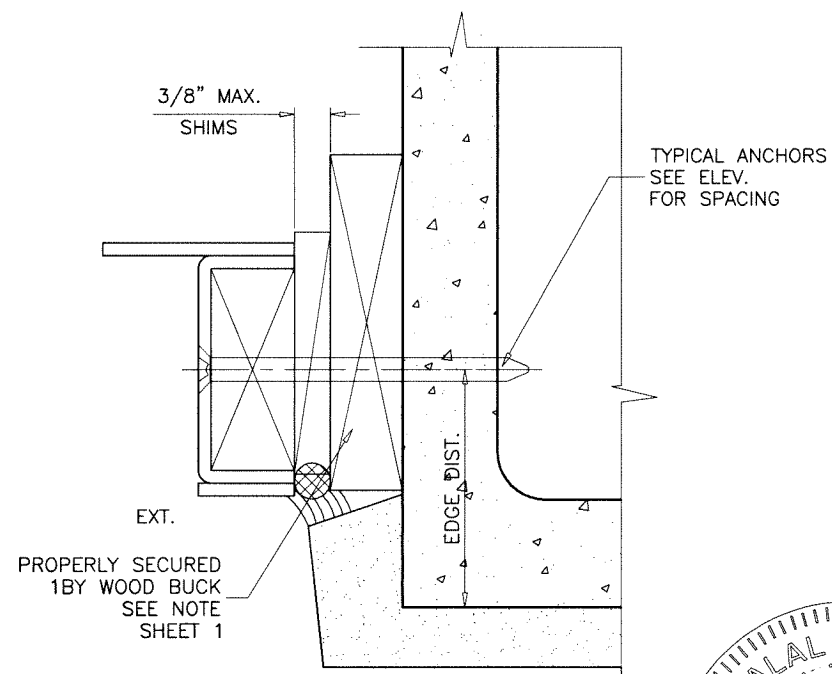
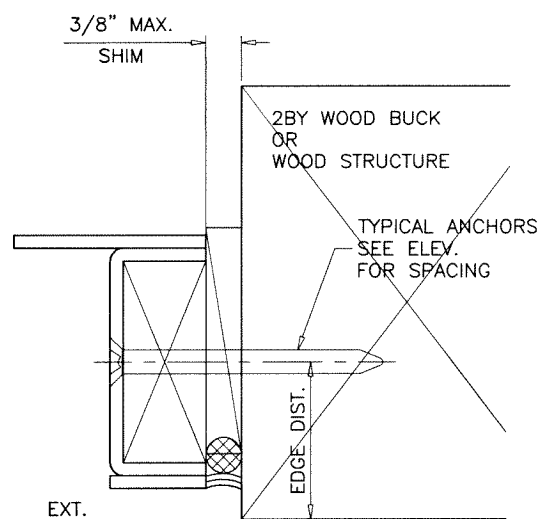
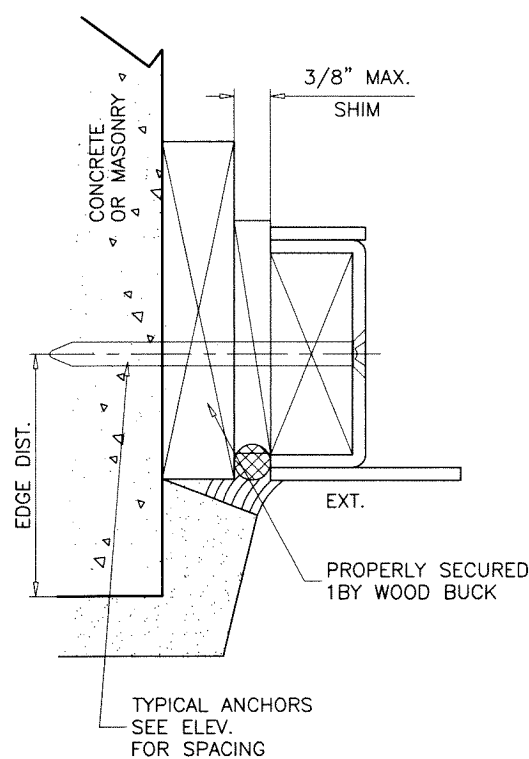
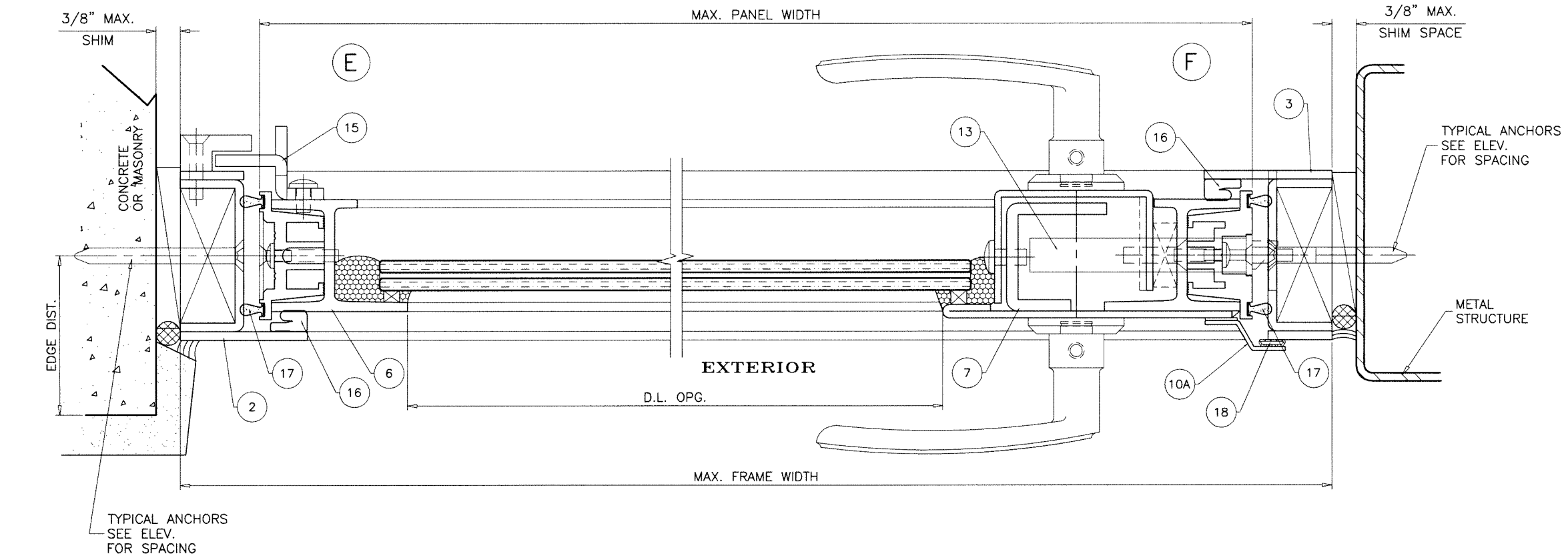


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FL #29712

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL 19-94F-HWI

Jamestown 175 Center Pivot Outswing Door (L.M.I.)
Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
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revisions:		no date by description	
date:	08-26-19	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	19-94F	sheet	4 of 7



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chk. by:

drawing no.
19-94F

sheet 5 of 7

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD ASSEMBLY	-	-
2	-	1	PIVOT JAMB ASSEMBLY	-	-
3	-	1	LOCK JAMB ASSEMBLY	-	-
4	-	AS REQD.	DRAIN CHANNEL	-	-
5	-	1	PANEL TOP RAIL ASSEMBLY	-	-
6	-	1	PANEL PIVOT STILE ASSEMBLY	-	-
7	-	1	PANEL LOCK STILE ASSEMBLY	-	-
8	-	1	PANEL STD. BOTTOM RAIL ASSEMBLY	-	-
8A	-	1	PANEL HIGH BOTTOM RAIL ASSEMBLY	-	-
9	-	1	FLAT THRESHOLD	5052-H32	ST. STEEL OR BRASS OPTIONAL
10	-	1	FORMED WEATHERSEAL (BOTTOM RAIL)	5052-H32	-
10A	-	1	FORMED WEATHERSEAL (JAMB STILE)	5052-H32	-
11	MPDS-ATC-9001	1	TOP PIVOT (SYS. 1 OR M)	STEEL	FRITSJURGENS
11A	PP 40X60-B11 RVS	1	CEILING PLATE (SYS. 1 OR M)	STEEL	FRITSJURGENS
12	BP.ONE.70.G.X.XX	1	BOTTOM PIVOT (SYS. 1)	STEEL	FRITSJURGENS
12A	FP.M.X.X.S.SS	1	FLOOR PLATE (SYS. 1)	STEEL	FRITSJURGENS
12B	MPDS-M32-SC	1	BOTTOM PIVOT (SYS. M)	STEEL	FRITSJURGENS
12C	VP 80X40-SYS. M	1	FLOOR PLATE (SYS. M)	STEEL	FRITSJURGENS
13	HLS-9000	1	MULTIPOINT SWING-HOOK LOCK/SWING-FREE LOCK	ST. STEEL	-
14	20-50M3	1	SURFACE BOLTS AT TOP AND BOTTOM	-	HOPE'S
14	IVES FB458	1	CONCEALED FLUSH BOLTS AT TOP AND BOTTOM	-	-
15	-	1	SAFETY LATCH, AT 54" FROM BOTTOM	GALV. STEEL	HOPE'S
16	QDS-675 Q-LON	1	FRAME W'STRIPPING	FOAM	SCHLEGEL
17	Q375T190	AS REQD.	PANEL W'STRIPPING	FOAM	SCHLEGEL
18	H638	AS REQD.	BULB W'STRIPPING	POLYPRENE	HOPE'S
19	-	4/ LITE	SETTING BLOCKS, PIVOT SIDE BOTTOM CORNER, LOCK SIDE TOP CORNER	EPDM	DUROMETER 80±5 SHORE A
20	TR2178W	AS REQD.	GLASS SPACER (3/16" X 1/4" X 2" LONG)	EPDM	TREMCO
21	-	AS REQD.	DECORATIVE GLAZING BEAD (LAM. GLASS)	6063-T5	OPTIONAL
22	-	AS REQD.	DECORATIVE GLAZING BEAD (LAM. INSUL. GLASS)	6063-T5	OPTIONAL
23	-	AS REQD.	GLAZING BEAD BASE	6063-T5	OPTIONAL
24	-	AS REQD.	MID-RAIL ASSEMBLY	-	OPTIONAL
25	92	1	WEATHER BAR	6063-T5	-

LOCKS:

HOPPE HLS-9000 MULTIPOINT SWING-HOOK LOCK OR
HOPPE HLS-9000 MULTIPOINT SWING-FREE LOCK
KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR
LOCKING POINTS ENGAGING FROM LOCK STILE TO FRAME JAMB
LEVER TYPE HANDLE LOCATED AT 42" FROM BOTTOM
SEE SHEET 1 FOR LOCKING POINT QUANTITIES

HOPE'S #20-50M3 MANUALLY OPERATED BRASS SURFACE BOLTS
AT TOP AND BOTTOM OF LOCK STILE
OR
IVES FB458 CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF
LOCK STILE,
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF STILE

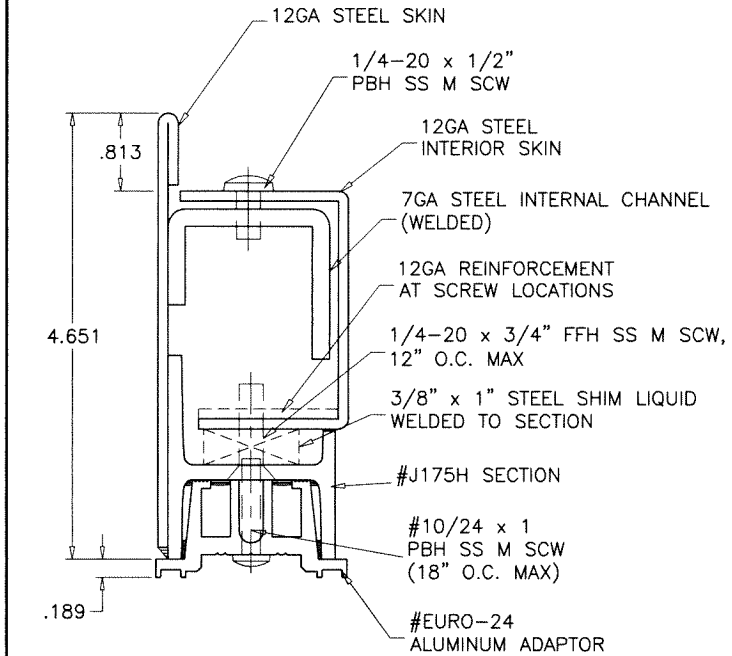
HOPE'S GALV. STEEL INTERMEDIATE SAFETY LATCH AT PIVOT STILE
54" FROM BOTTOM

HINGES:

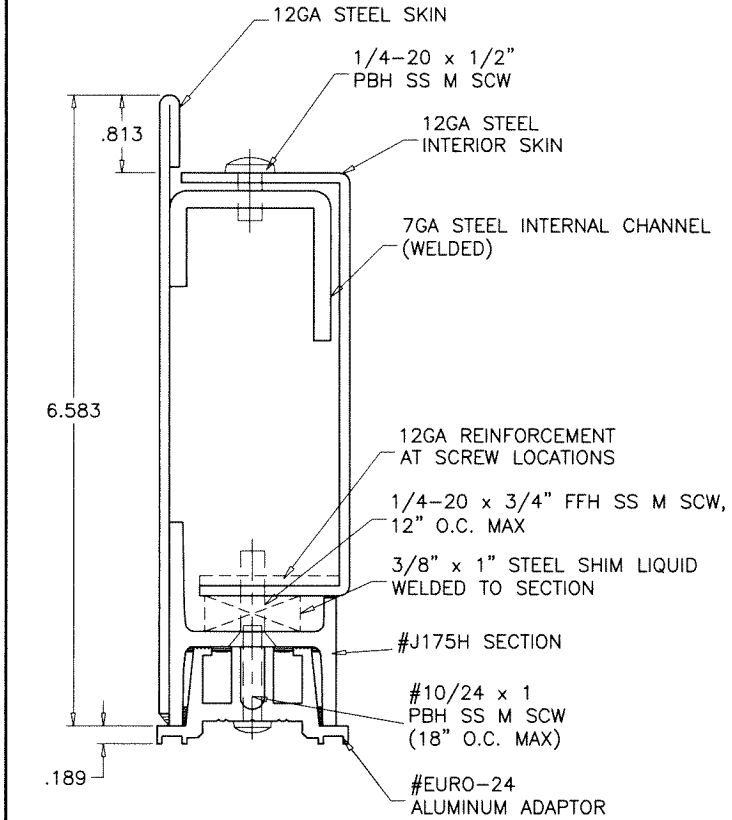
'SYSTEM ONE' OR 'SYSTEM M' PIVOT HINGES BY 'FRITSJURGENS'

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
SILICONE SEALANT.



8 PANEL STD. BOTTOM RAIL ASSEMBLY



8A PANEL HIGH BOTTOM RAIL ASSEMBLY



Sealed: 2/27/2024

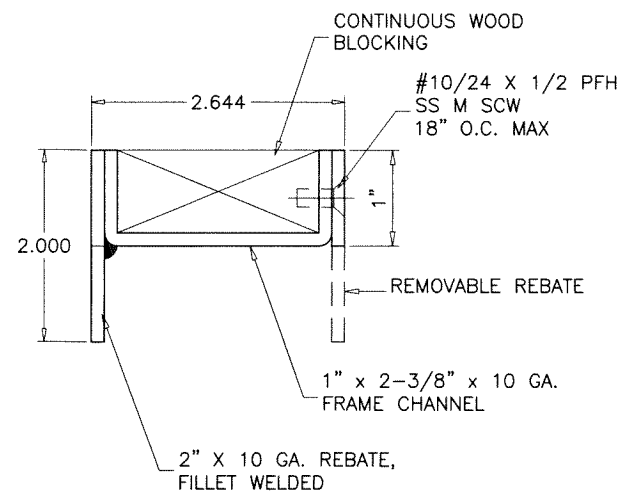
FL #29712

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AL-FAROOQ CORPORATION
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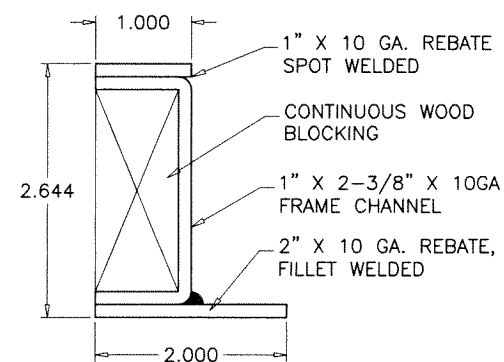
Jamestown 175 Center Pivot Outswing Door (L.M.I.)

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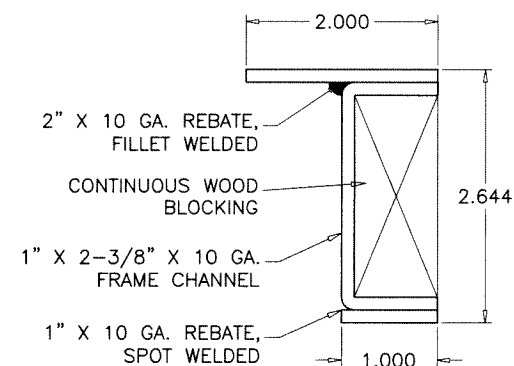
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dr.	by:	TARIQ	chk.	by:
drawing	no.	19-94F		
sheet	6 of 7			



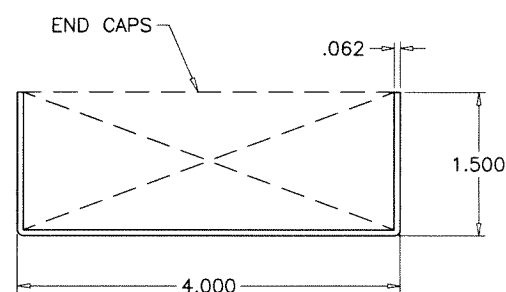
1 FRAME HEAD ASSEMBLY



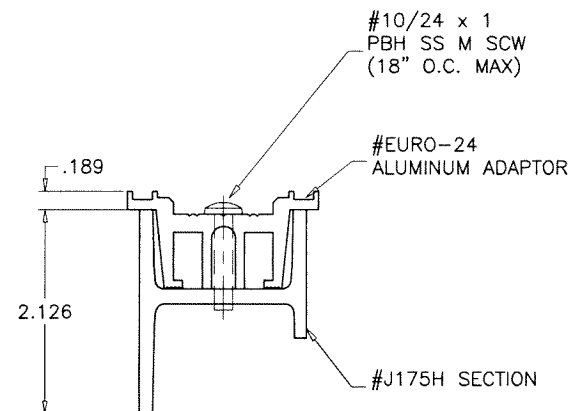
2 PIVOT JAMB ASSEMBLY



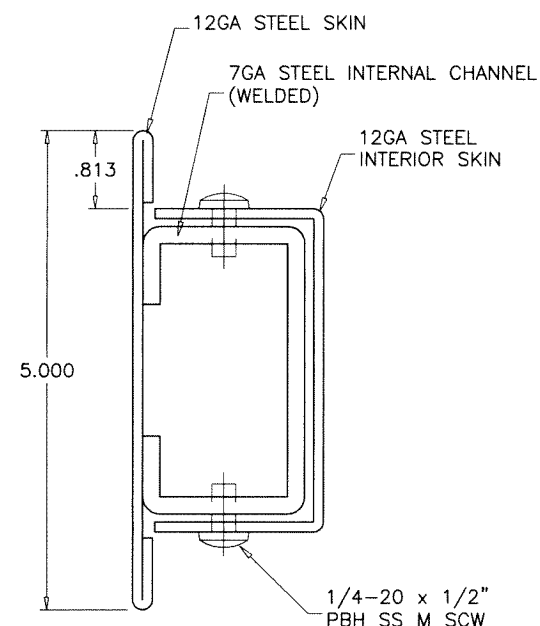
3 LOCK JAMB ASSEMBLY



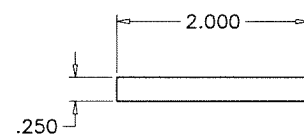
4 DRAIN CHANNEL ALUMINUM



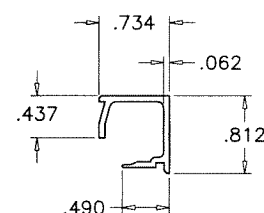
5 PANEL TOP RAIL ASSEMBLY



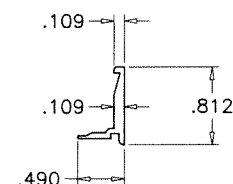
24 MID-RAIL ASSEMBLY



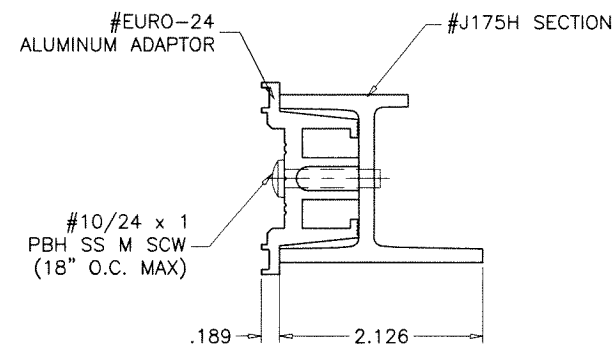
9 THRESHOLD 5052-H32



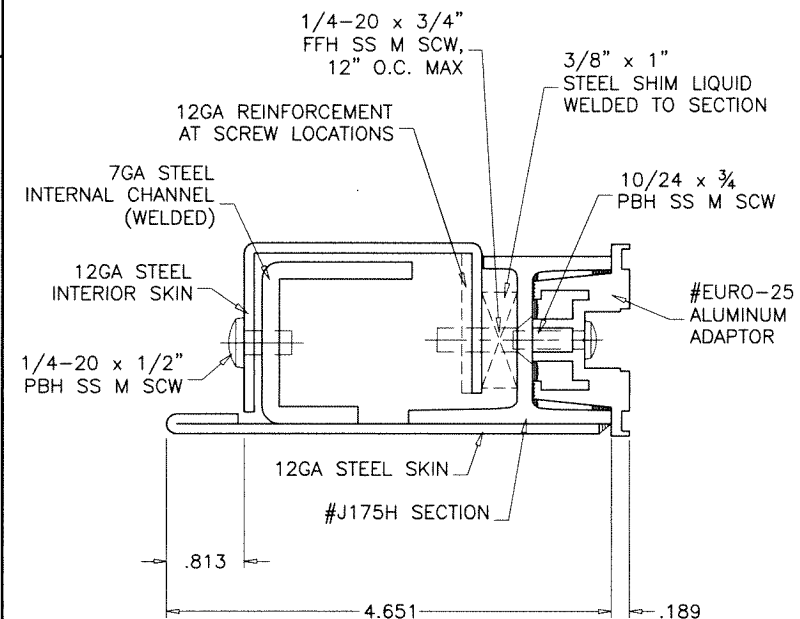
21 GLAZING BEAD (LAM. GLASS) 6063-T5



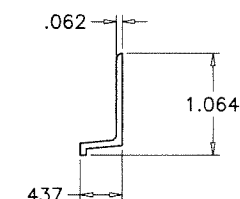
22 GLAZING BEAD (LAM. INSUL. GLASS) 6063-T5



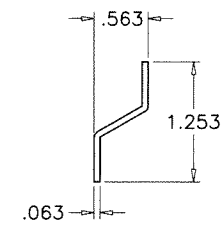
6 PANEL PIVOT STILE ASSEMBLY



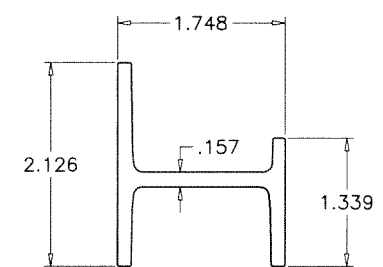
7 PANEL LOCK STILE ASSEMBLY



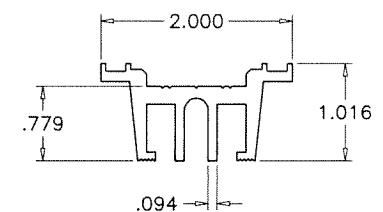
25 WEATHER BAR 6063-T5



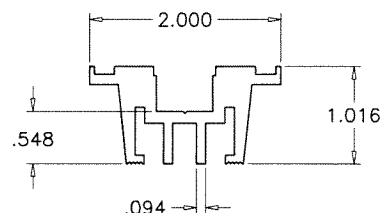
10 FORMED WEATHERSEAL 5052-H32



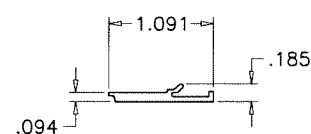
PANEL FRAME A36 STEEL



EURO-24 PIVOT ADAPTER 6063-T5

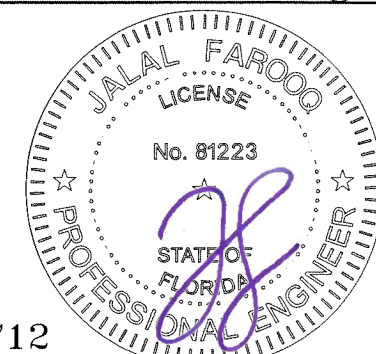


EURO-25 LOCK JAMB ADAPTER 6063-T5



23 GLAZING BEAD BASE 6063-T5

Sealed: 2/27/2024
FL #29712



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978
FAX. (305) 262-6978
COMP-ANL \ 19-94F-HWI

Jamestown 175 Center Pivot Outswing Door (L.M.I.)
Hope's Windows, Inc.
84 Hopkins Ave., P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

revisions:	no	date	by	description

date: 08-26-19
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:
drawing no.
19-94F
sheet 7 of 7