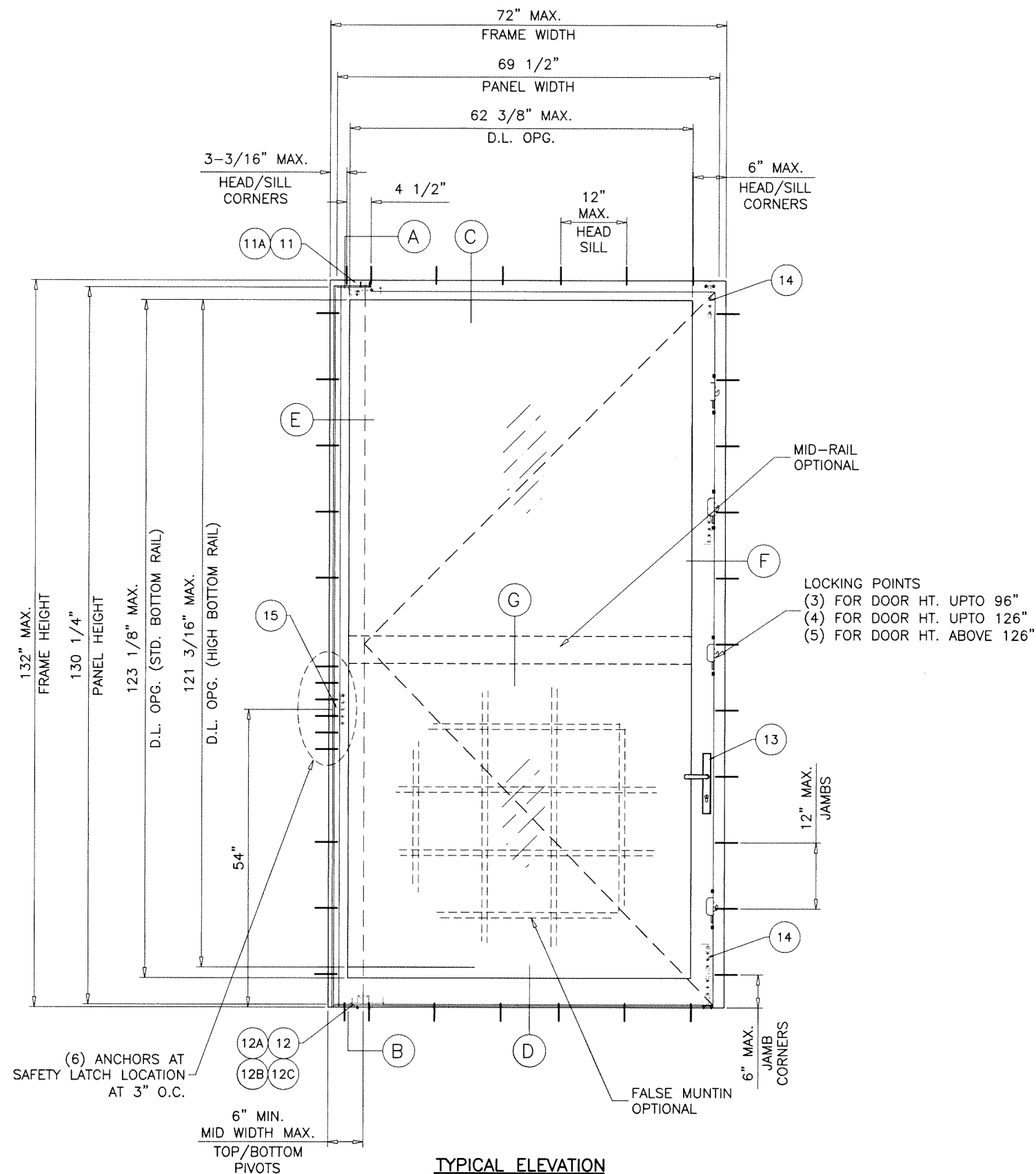




TYPICAL ELEVATION

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 INSWING DOOR

DOORS WITH DRAIN CHANNEL AND FORMED WEATHERSEAL(#10)
 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.

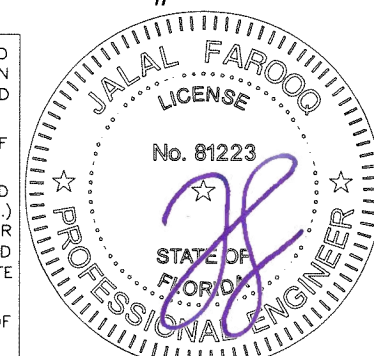
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
 FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
 OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
 WATER INFILTRATION RESISTANCE ETC.
 CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

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- 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.



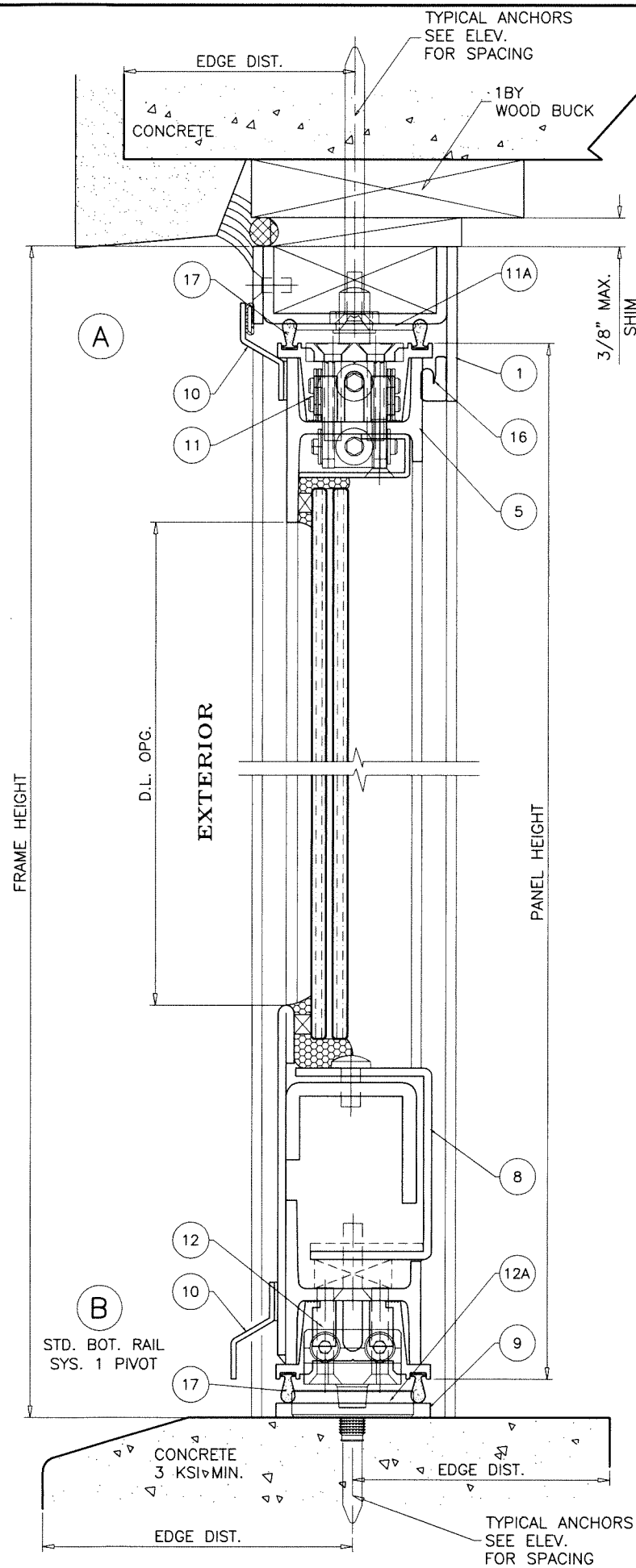
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\19-34F-HWI

Jamestown 175 Center Pivot Inswing Door (L.M.I.)
Hope's Windows, Inc.
 84 Hopkins Ave, P.O. Box 580
 JAMESTOWN, NEW YORK 14701
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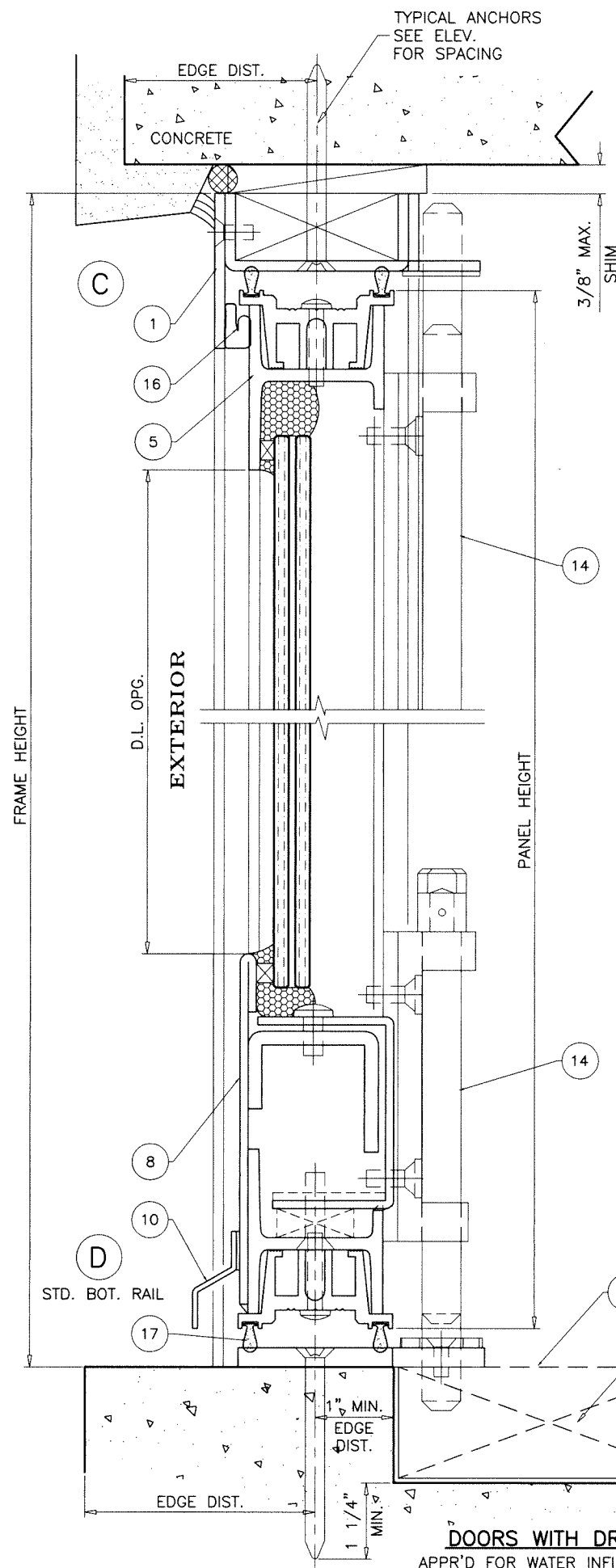
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		A	08.26.19		MID-RAIL ADDED
		B	07.28.20		UPDATED TO 2020 FBC
		C	07.13.23		UPDATED TO 2023 FBC
		D	02.12.24		SYSTEM 1 PIVOT REV.

date:	04-30-19
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

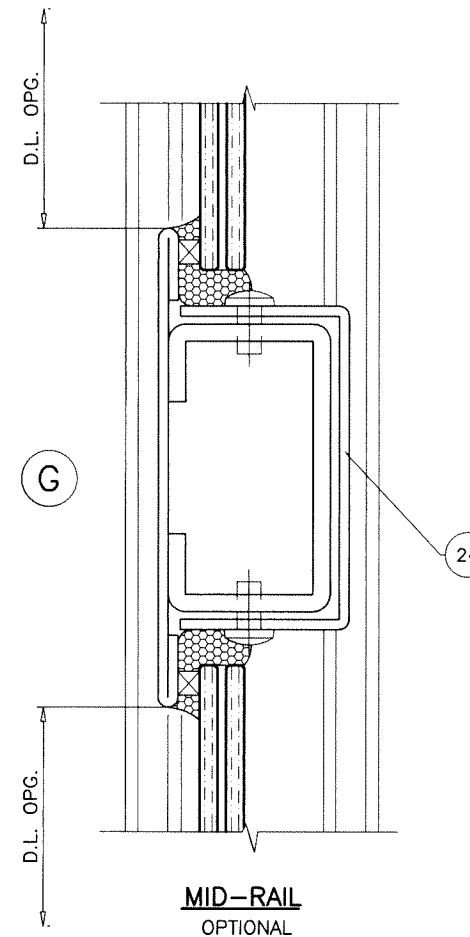
drawing no.	19-34F
sheet	1 of 7



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



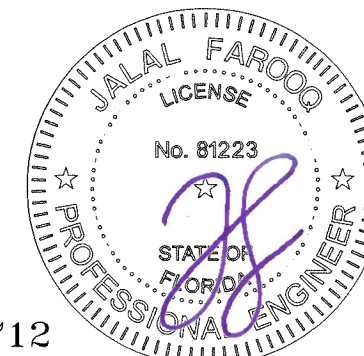
DOORS WITH DRAIN CHANNEL
APPR'D FOR WATER INFILTRATION RESISTANCE



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

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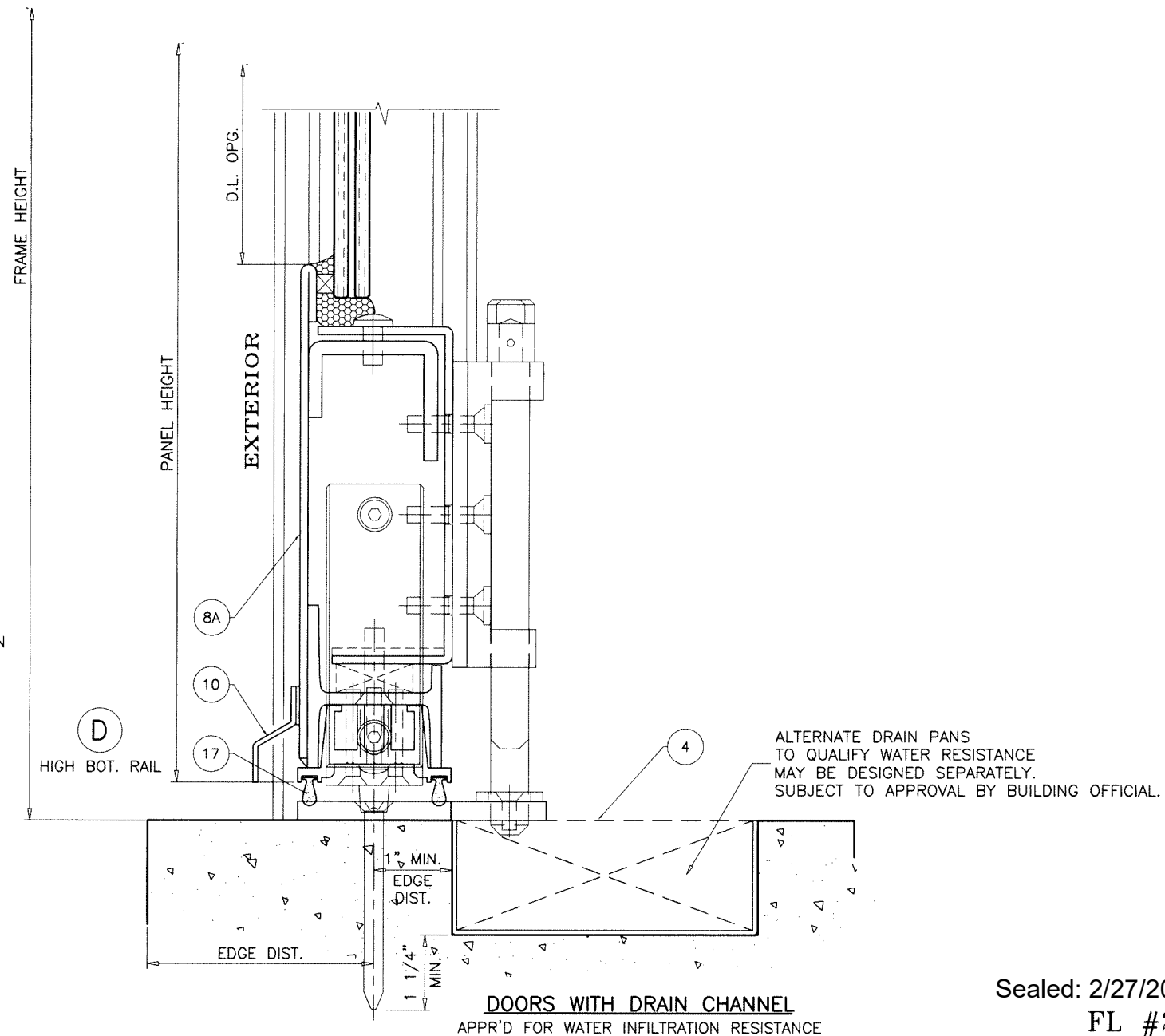
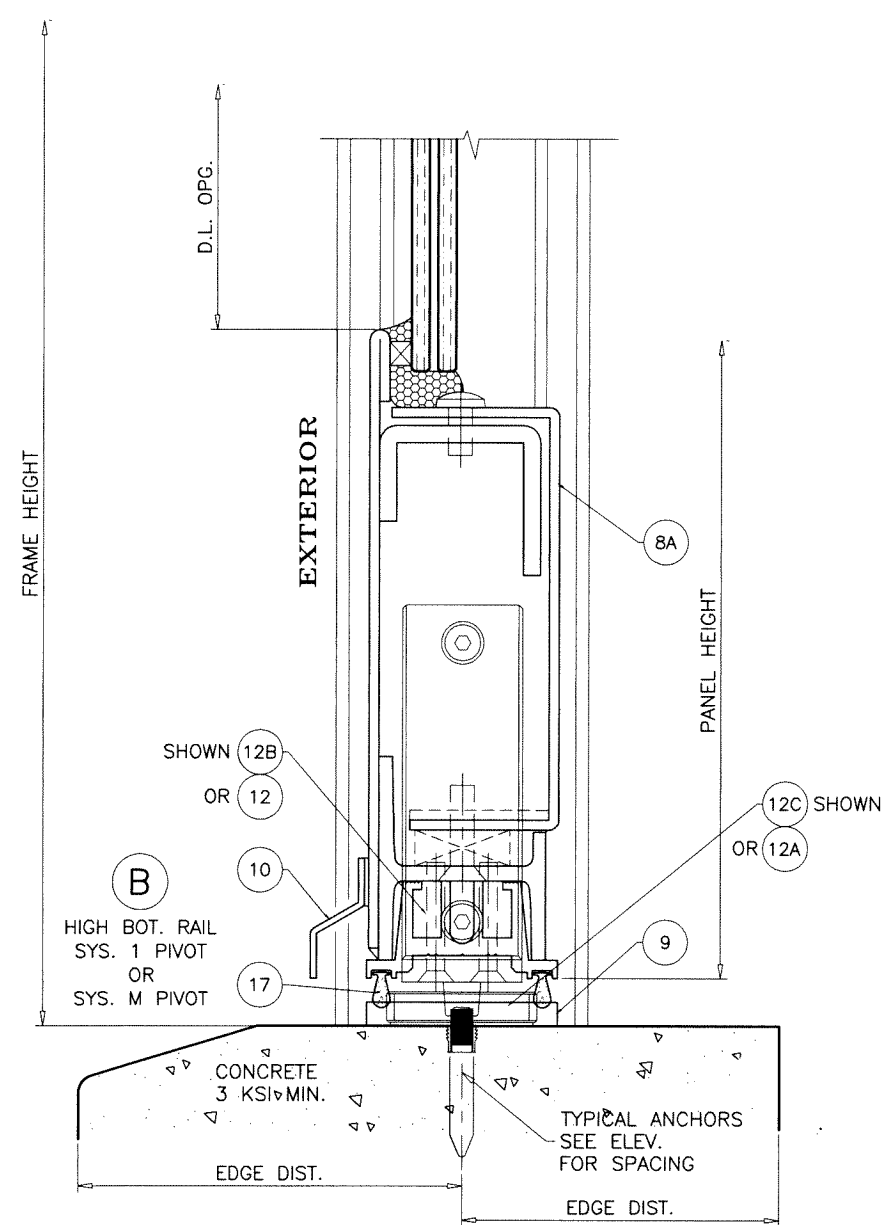
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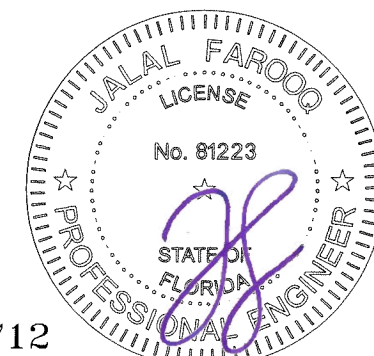
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revisions:		no date by description	
date:	04-30-19	no	date
scale:	1/2" = 1"	by	description
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chk. by:			
drawing no.		19-34F	
sheet 2 of 7			



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[illegible]

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 (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)

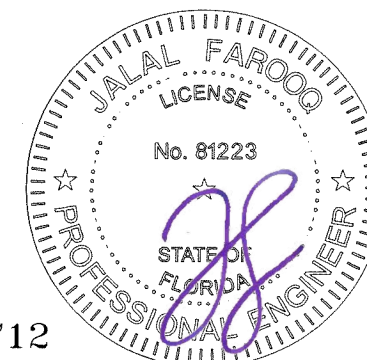
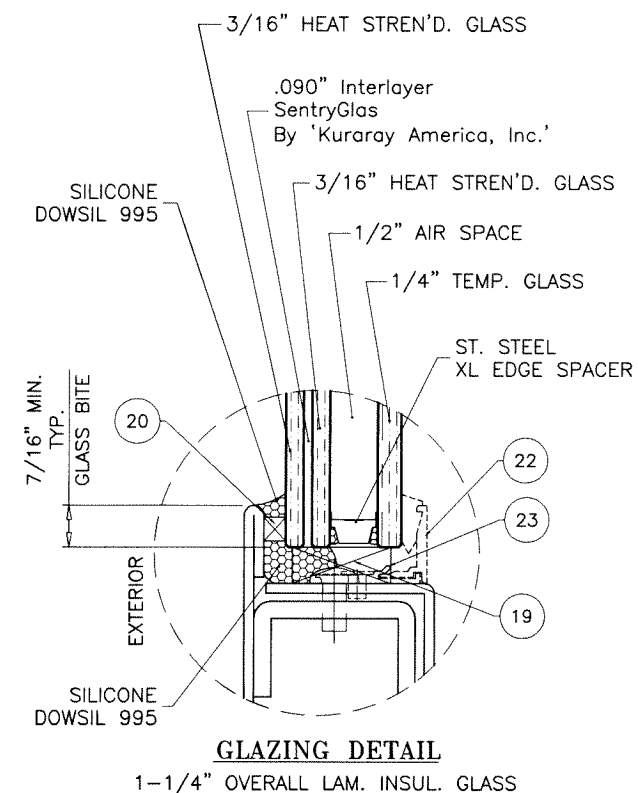
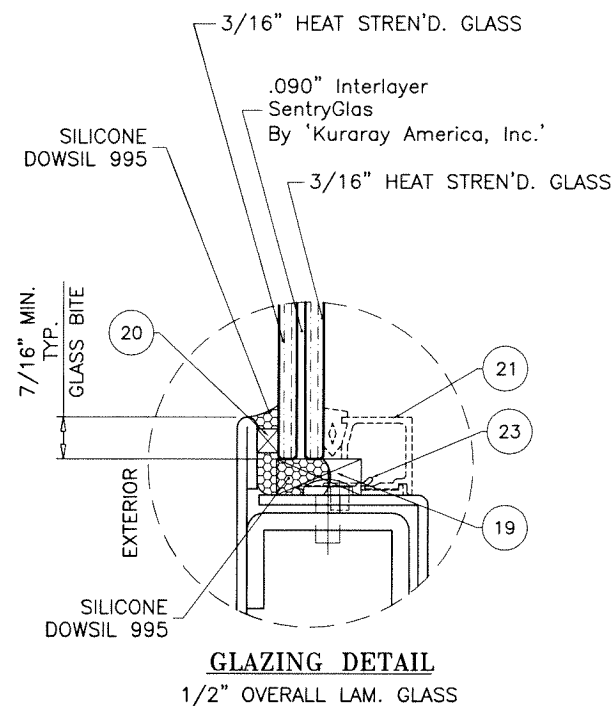
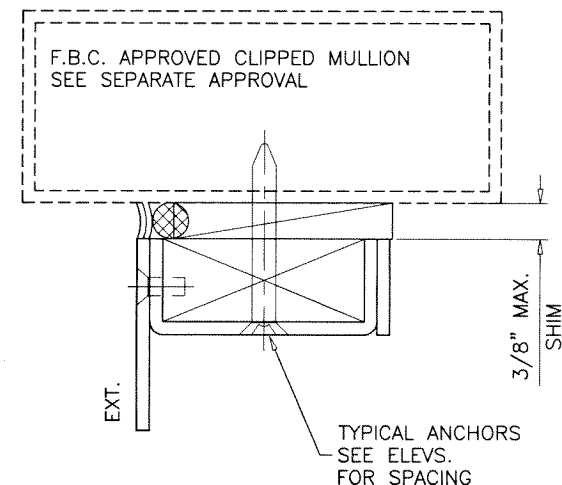
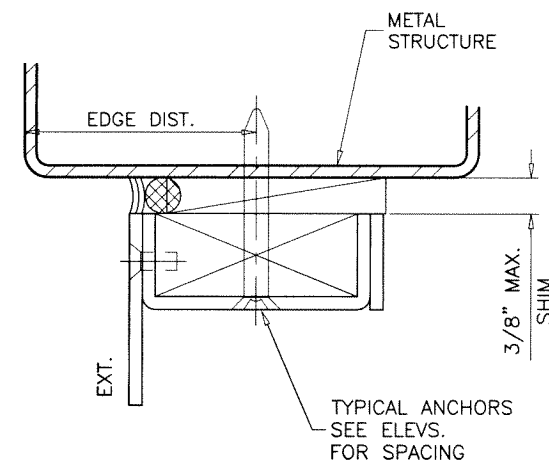
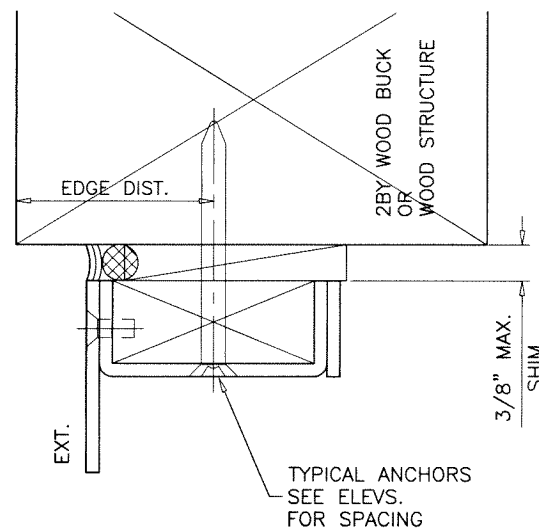
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

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.



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revisions:	
no	date by description

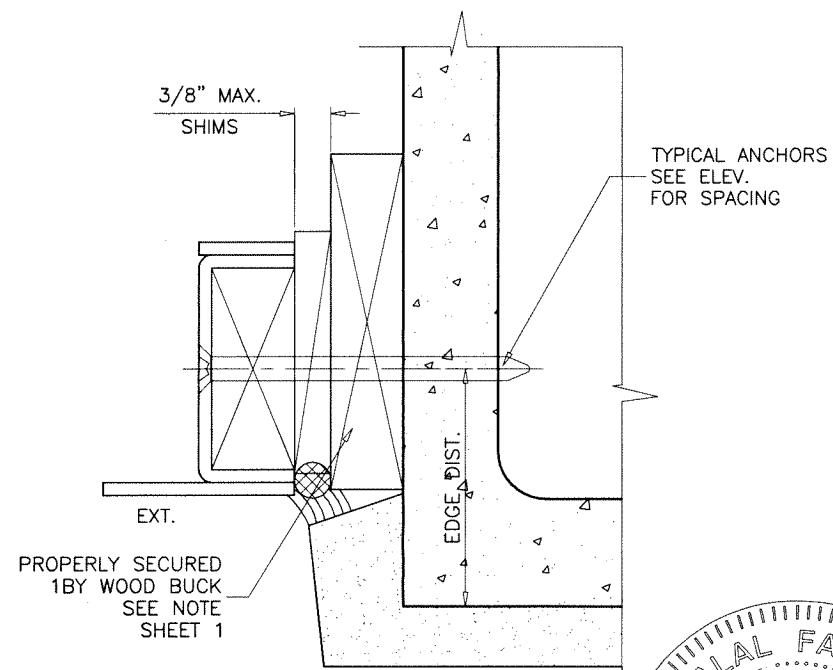
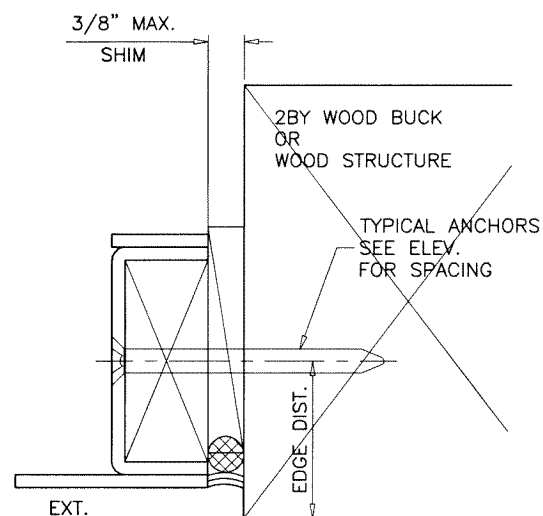
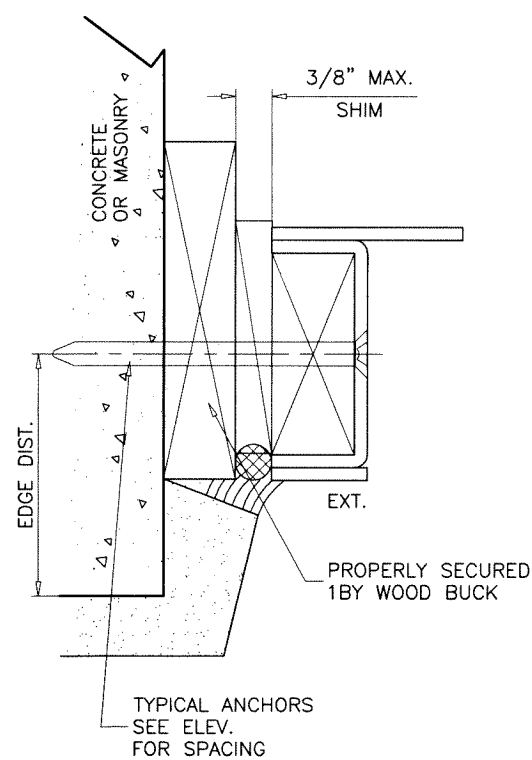
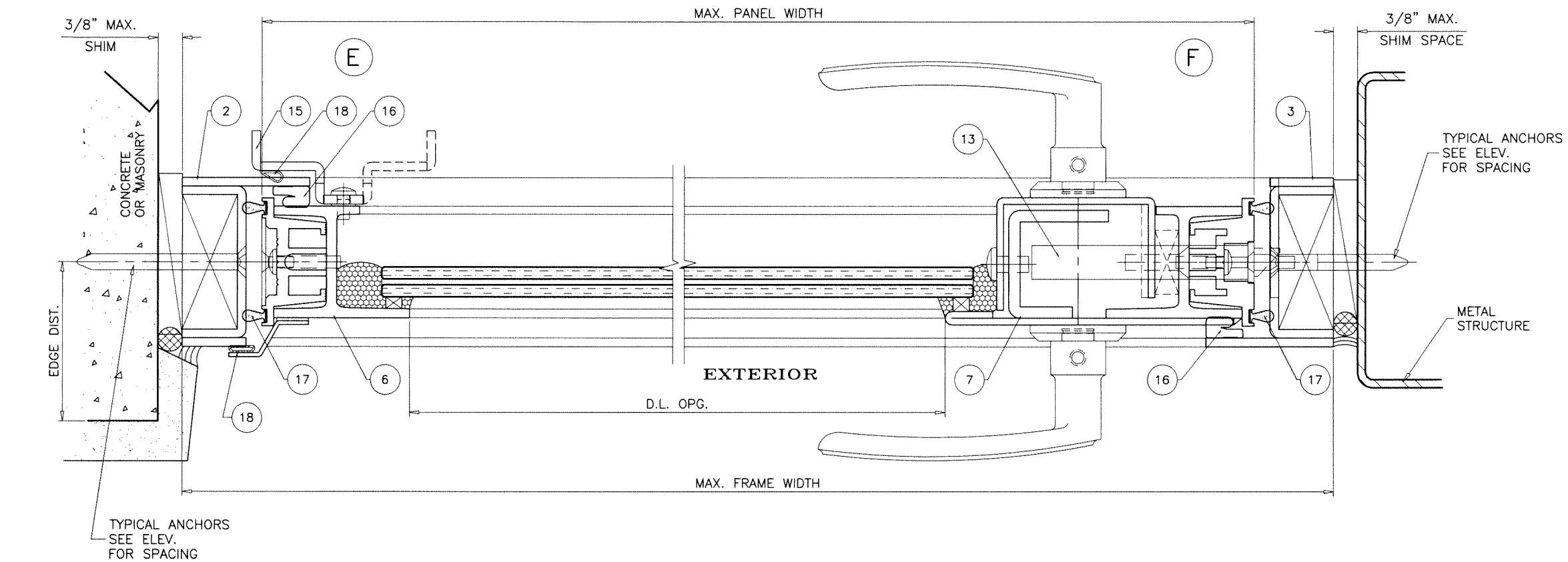
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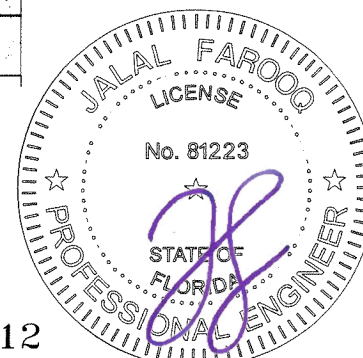
dr. by: TARIQ

chk. by:

drawing no.
19-34F
sheet 4 of 7



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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	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.	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

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

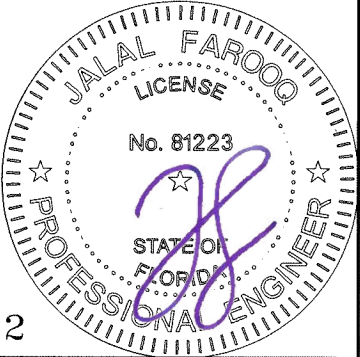
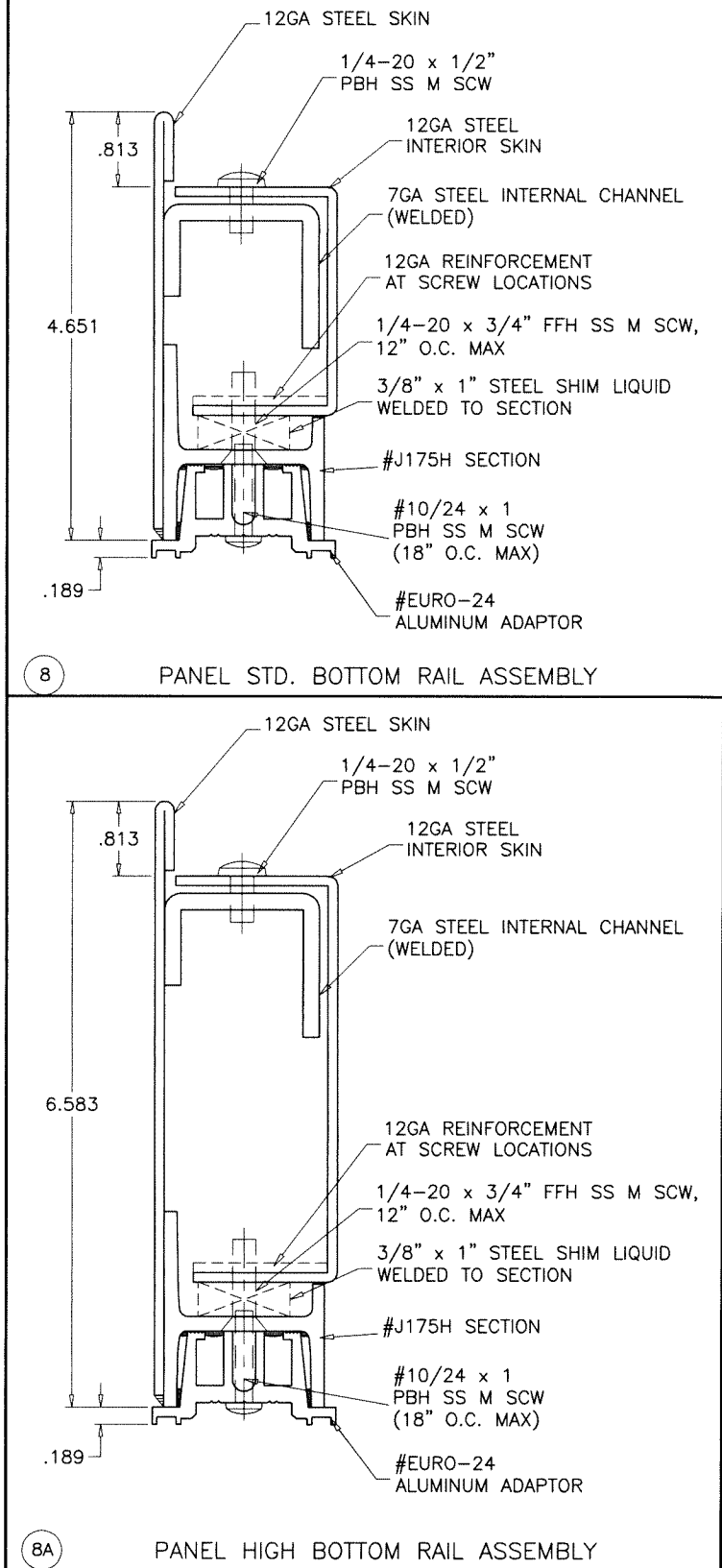
HOPE'S GALV. STEEL INTERMEDIATE SAFETY LATCH AT PIVOT STILE
54" FROM BOTTOM

HINGES:

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

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
SILICONE SEALANT.



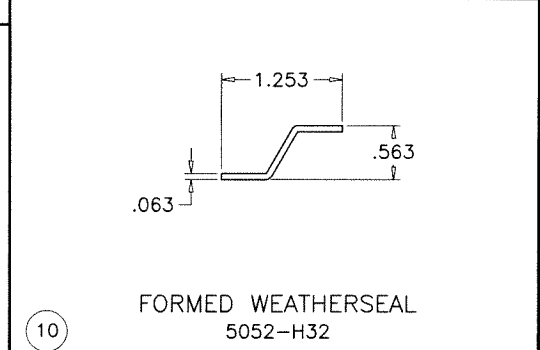
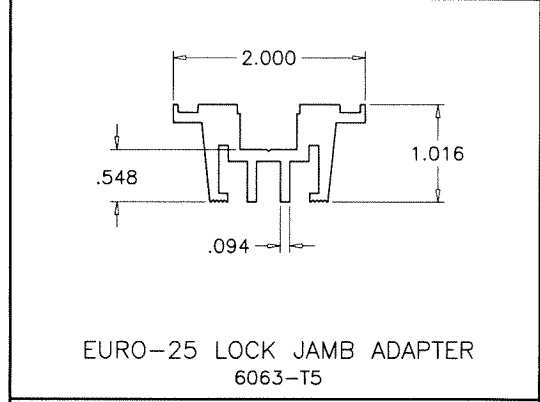
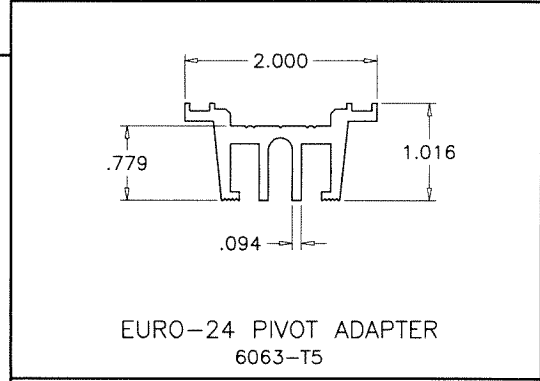
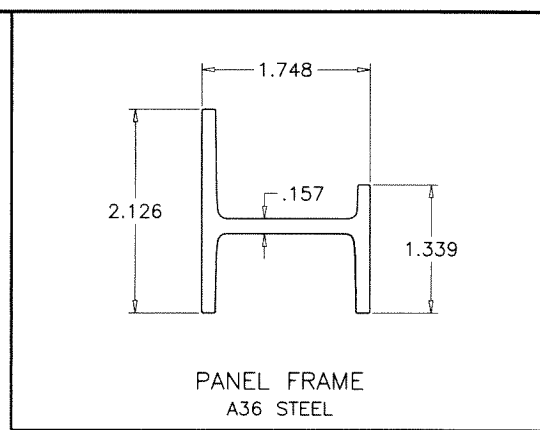
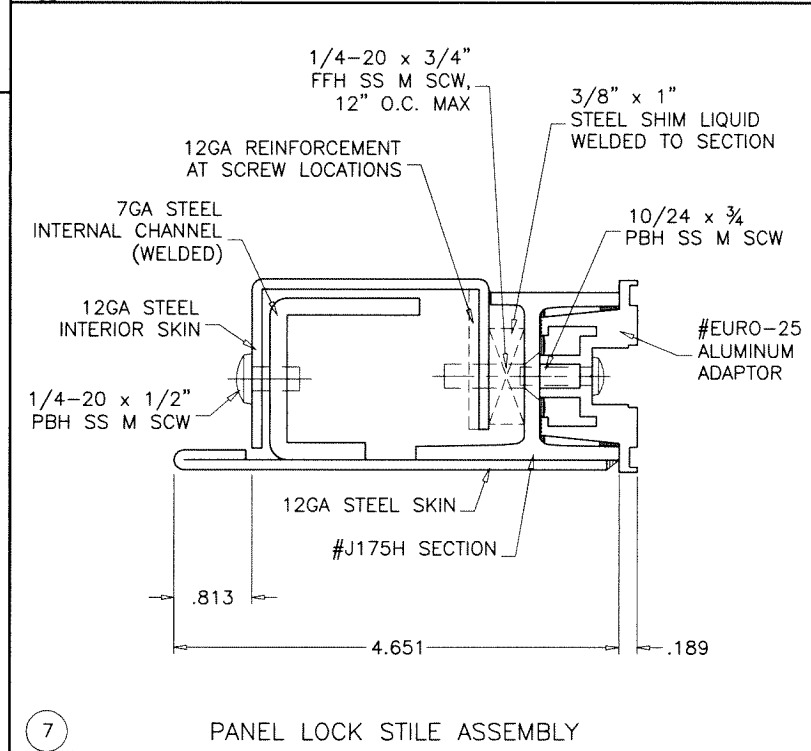
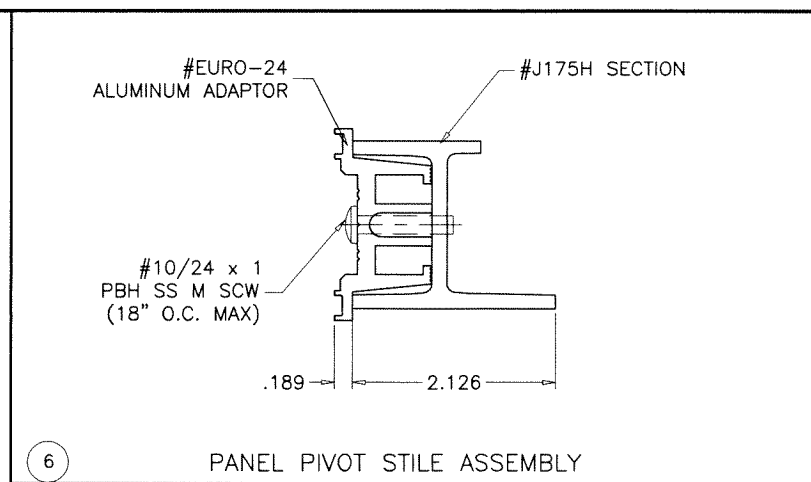
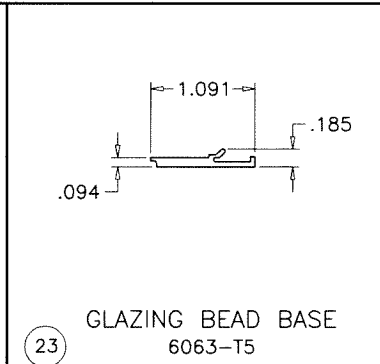
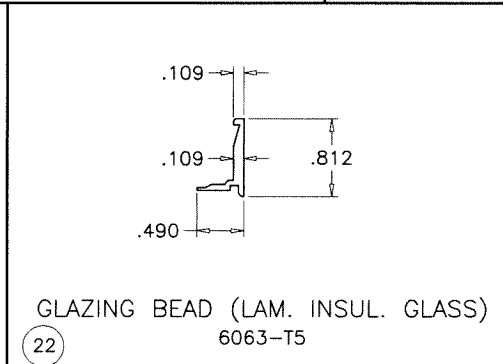
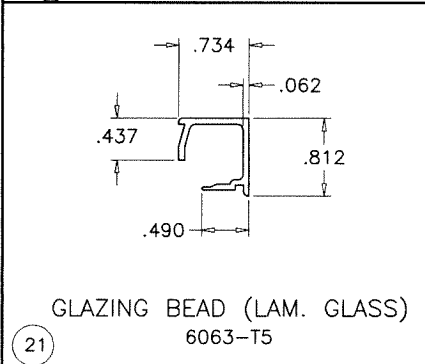
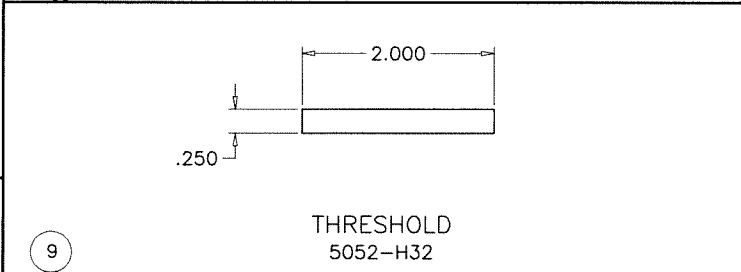
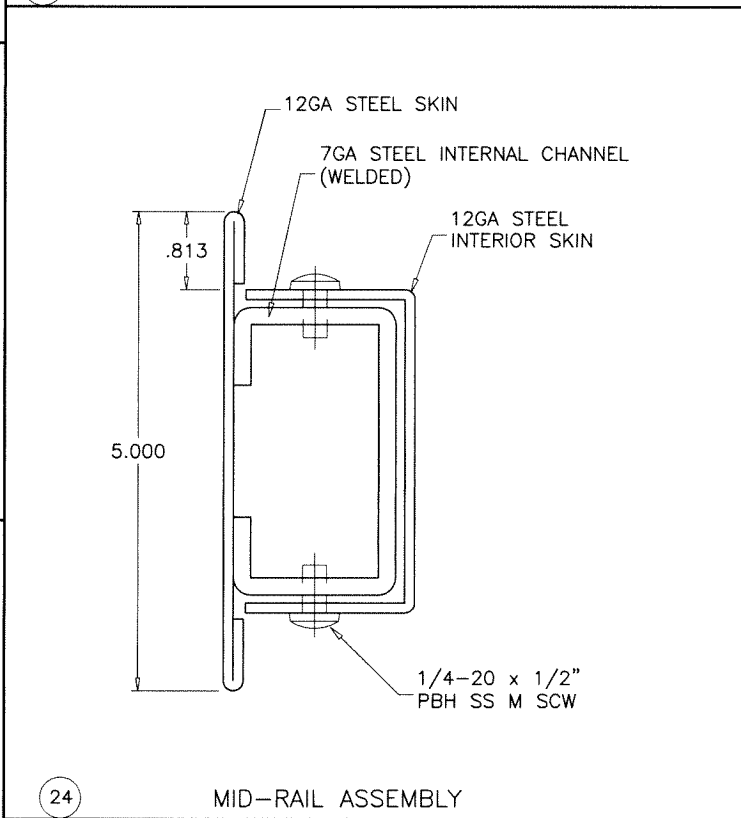
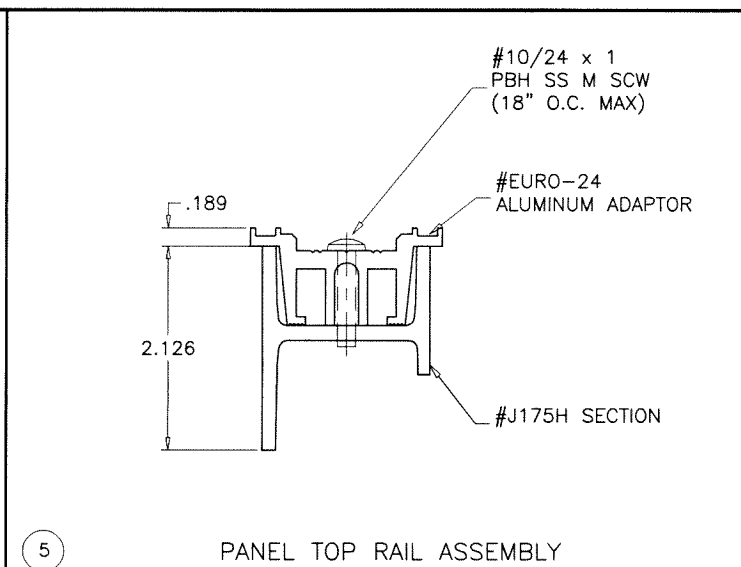
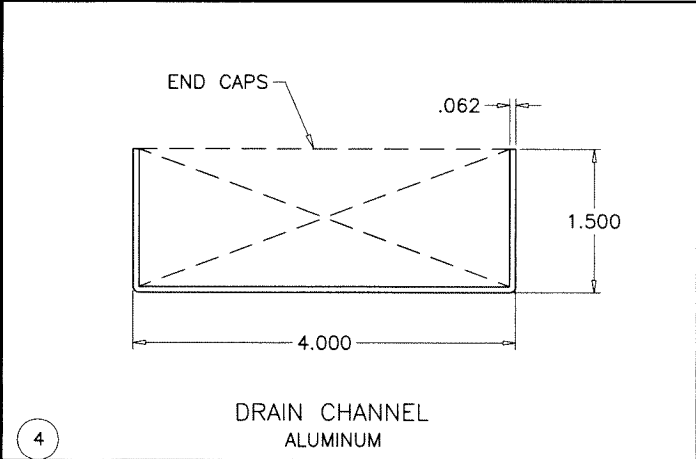
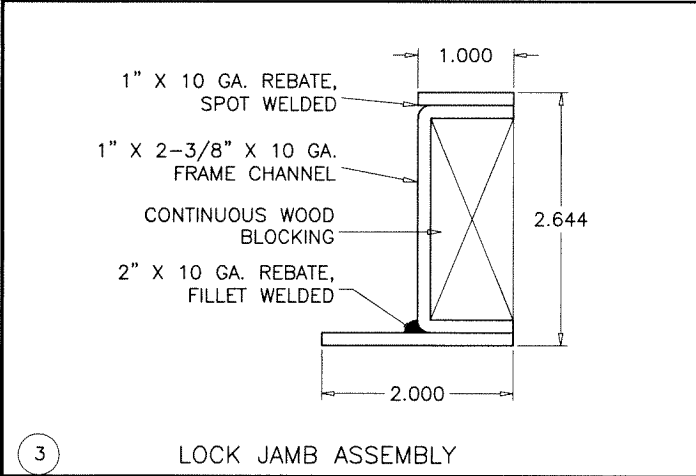
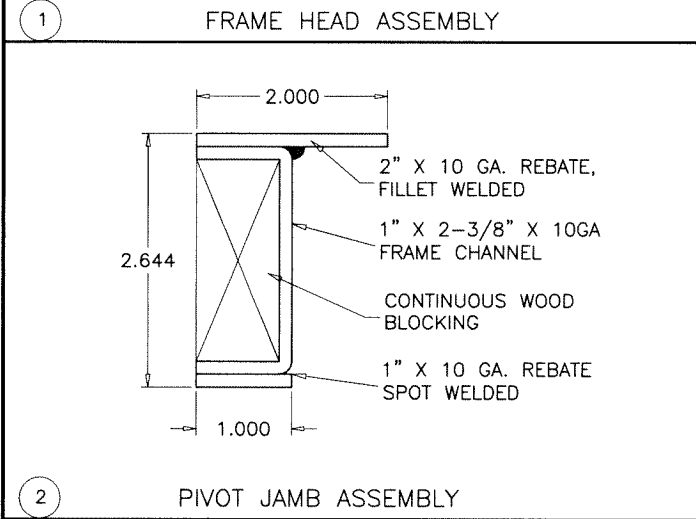
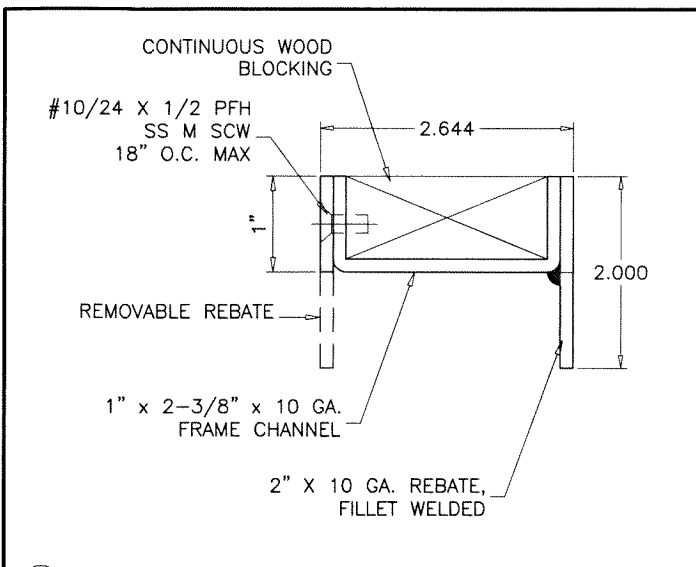
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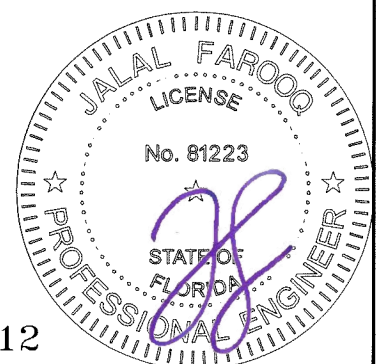
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revisions:
no date by description
date: 04-30-19
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dr. by: TARIQ
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sheet 6 of 7



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sheet 7 of 7