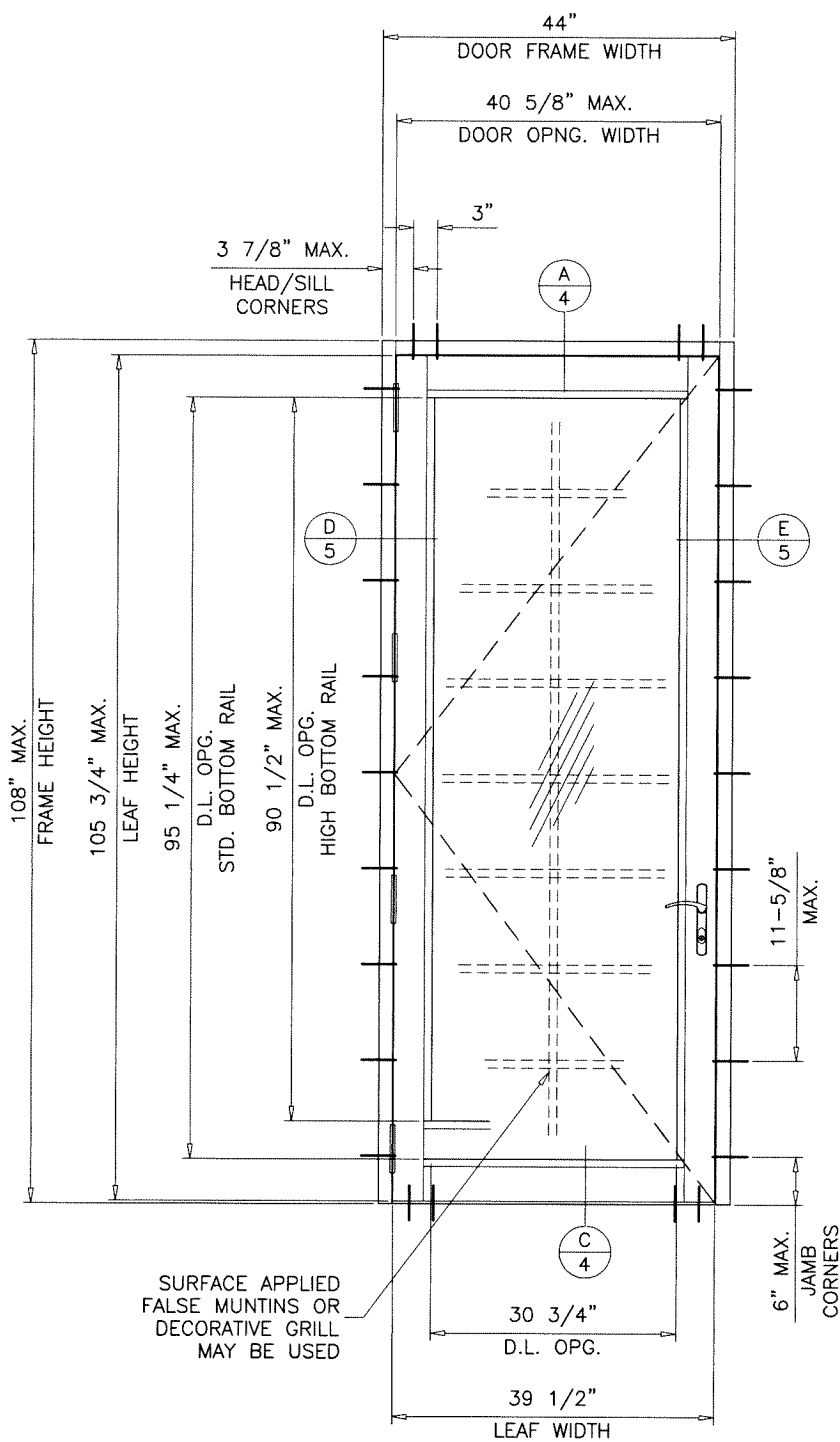


date: 12-06-24	revisions:	
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dfr. by: TARIQ		
chk. by:		

drawing no. 24-97F

sheet 1 of 11

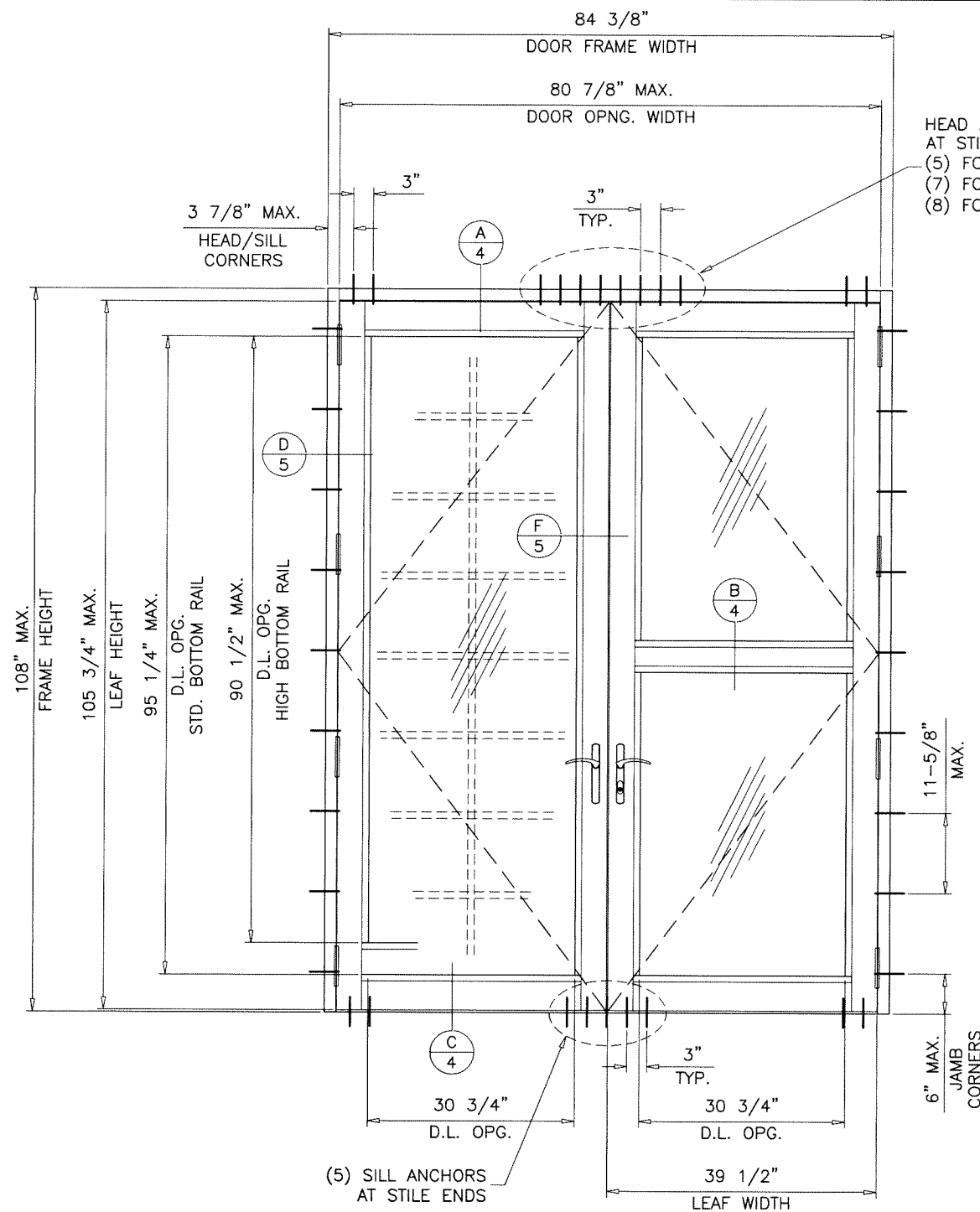


TYPICAL ELEVATION
(X)

SINGLE (X) DOORS LOAD CAPACITY - PSF						
FRAME DIMS.			LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT		WIDTH	HEIGHT		
	ADA SILL	HIGH SILL				
44"	108"	109-1/8"	39-1/2"	105-3/4"	80.0	80.0

GLASS D.L.O. FORMULAE: (DOOR)

D.L.O. WIDTH = FRAME WIDTH - 13.25" (X DOORS)
= (FRAME WIDTH - 26.50")/2 (XX DOORS)
D.L.O. HEIGHT = LEAF HEIGHT - 10.50" (STD. BOTTOM RAIL)
LEAF HEIGHT - 15.25" (HIGH BOTTOM RAIL)
DOOR LEAF HEIGHT = FRAME HEIGHT - 2.250" (ADA SILL)
FRAME HEIGHT - 3.375" (HIGH SILL)

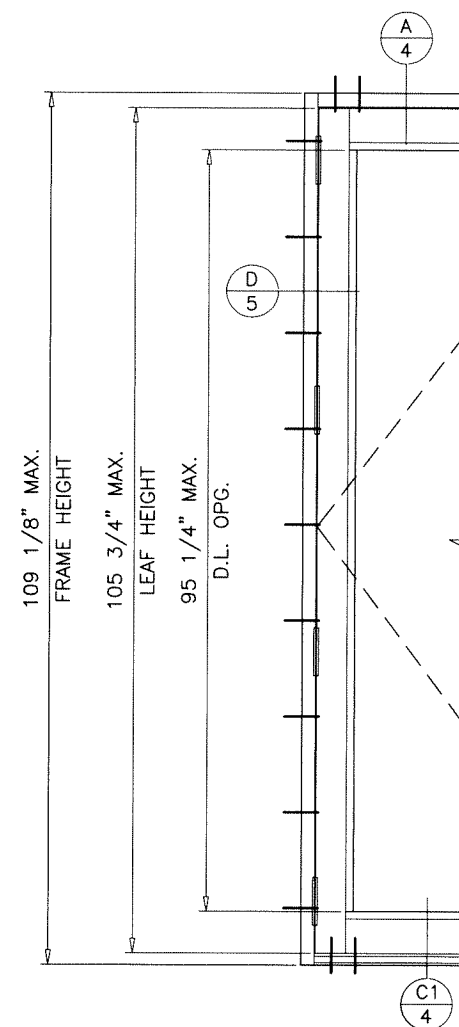


TYPICAL ELEVATION
(XX)

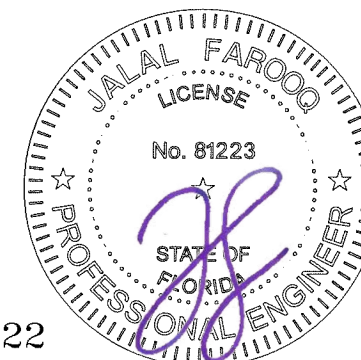
DOUBLE (XX) DOORS LOAD CAPACITY - PSF						
FRAME DIMS.			LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT		WIDTH	HEIGHT		
	ADA SILL	HIGH SILL				
84-3/8"	108"	109-1/8"	39-1/2"	105-3/4"	80.0	80.0

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

HEAD ANCHORS
AT STILE ENDS
(5) FOR 1/4" SHIMS
(7) FOR 3/8" SHIMS
(8) FOR 1/2" SHIMS



Sealed: 2/3/2025

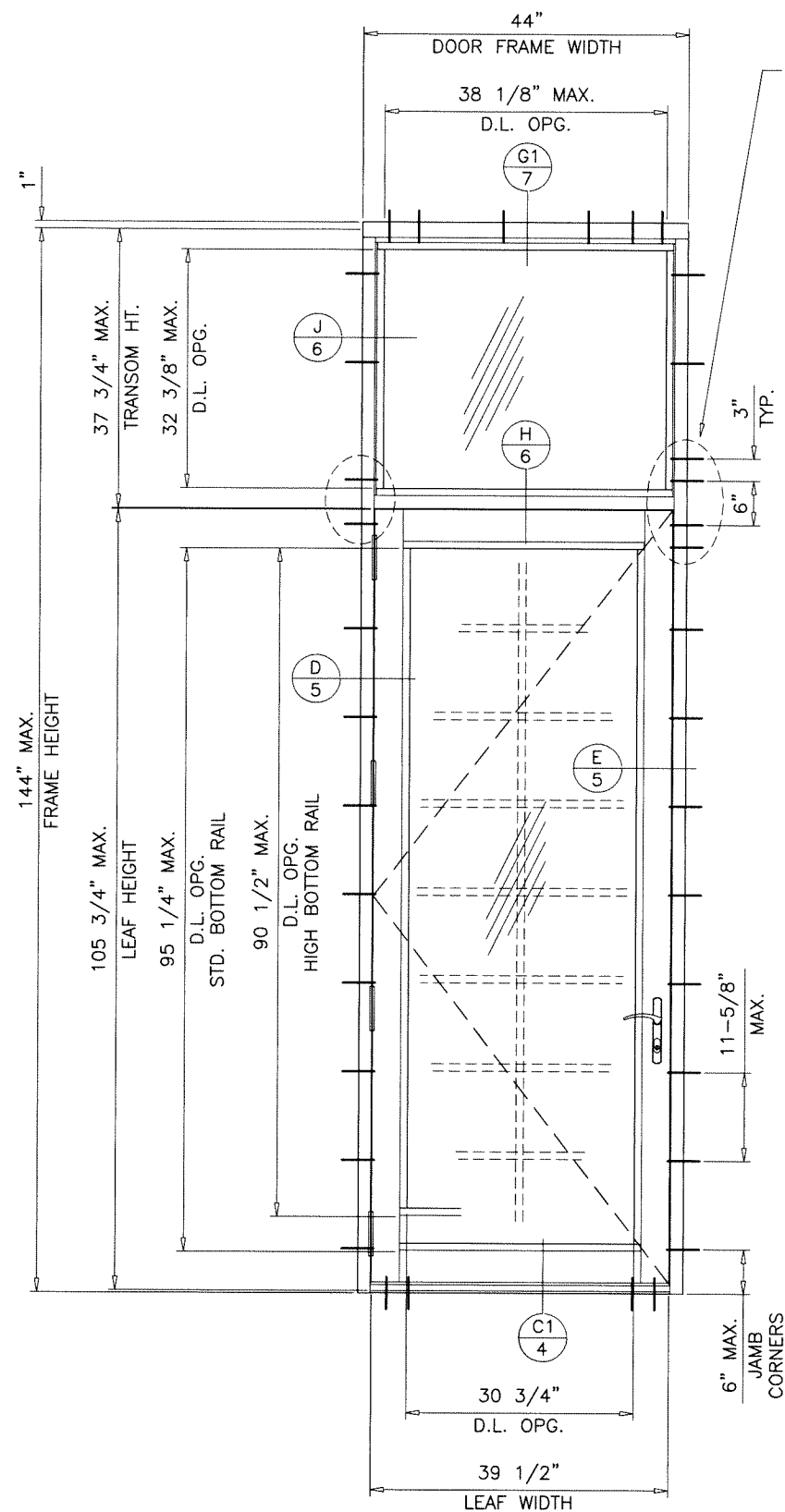


AL-FAROOQ CORPORATION
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WWW.AFCENG.COM

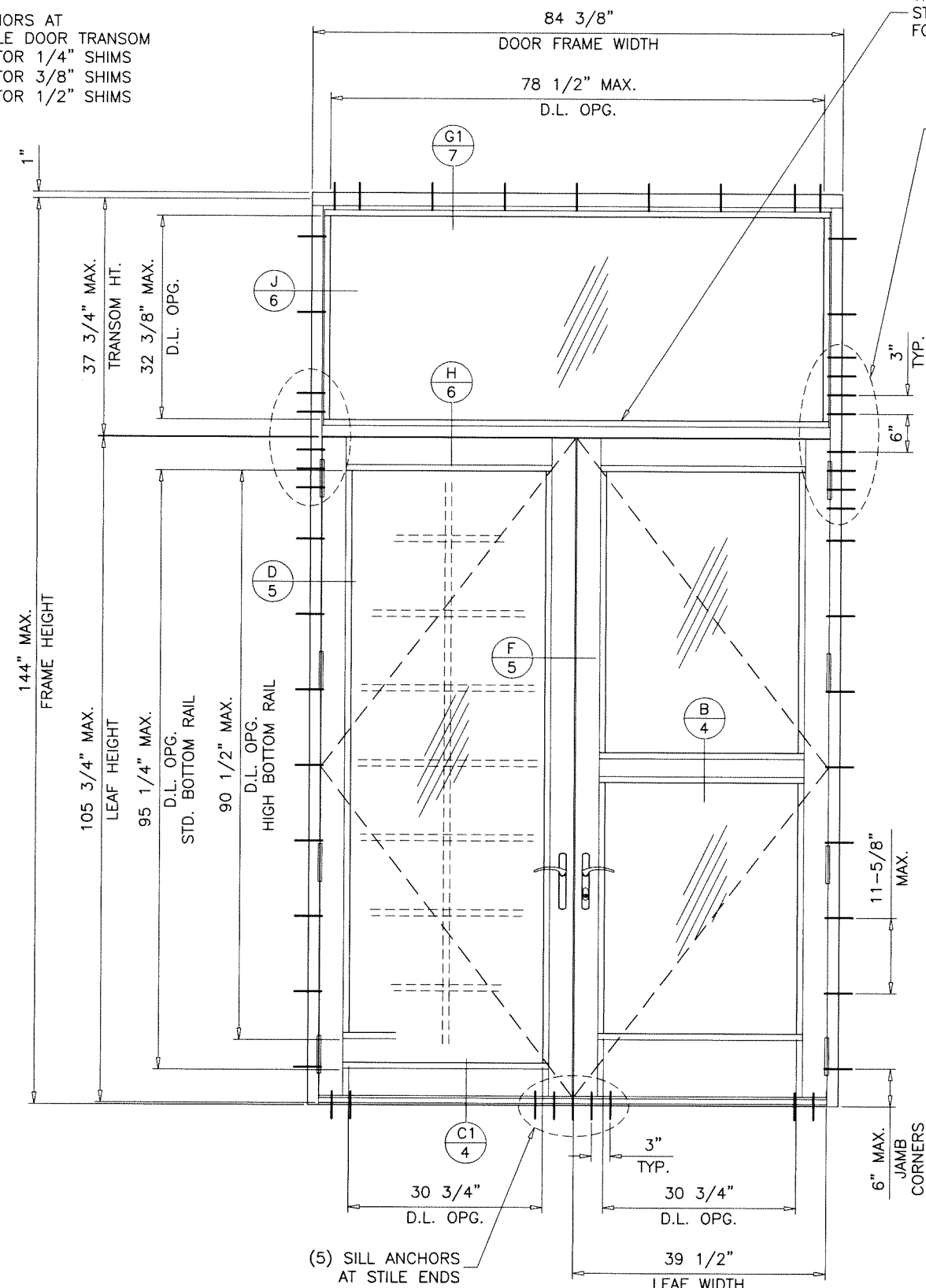
MG-5500 ALUMINUM OUTSWING DOOR (L.M.I.)
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
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revisions:		date		by		description	
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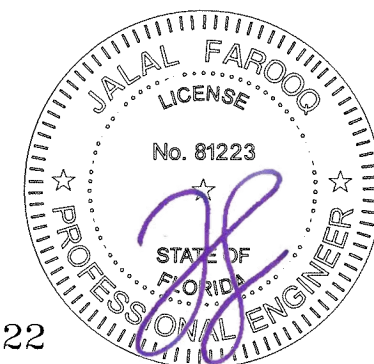
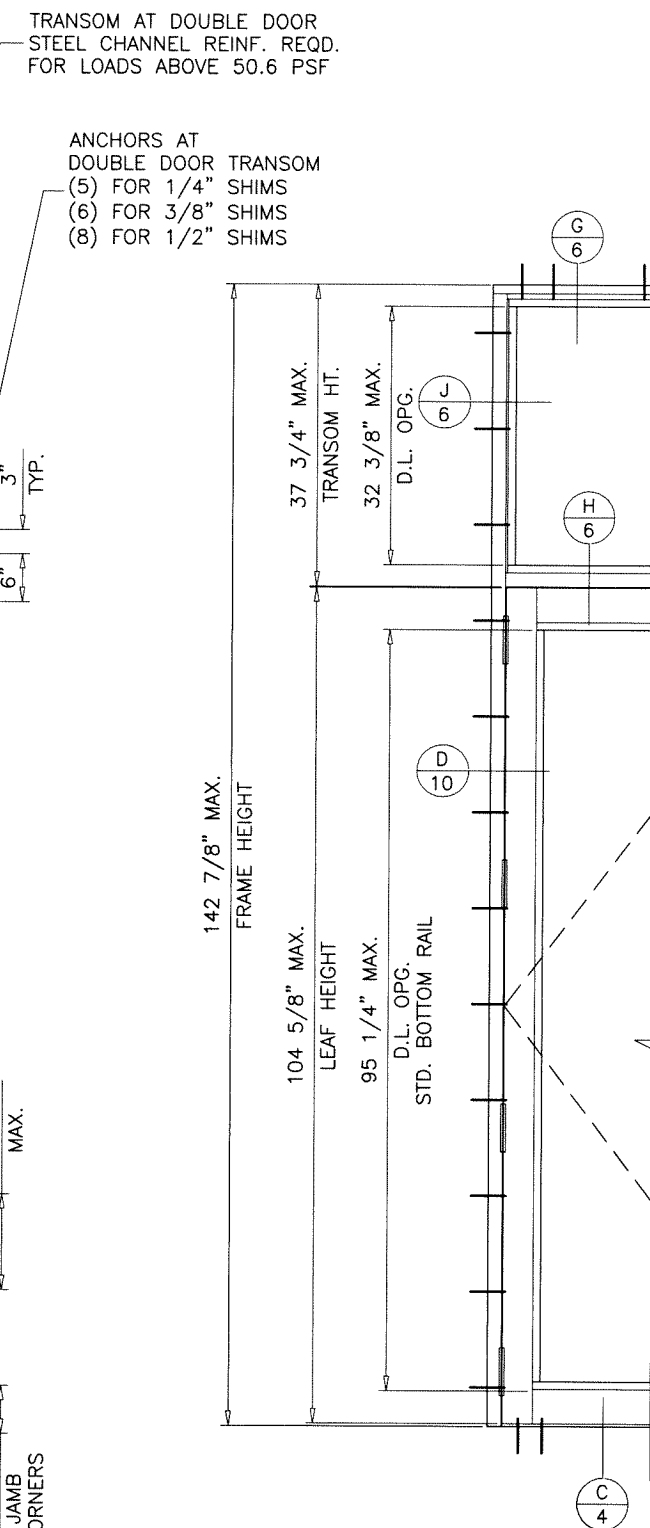
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24-97F
sheet 2 of 11

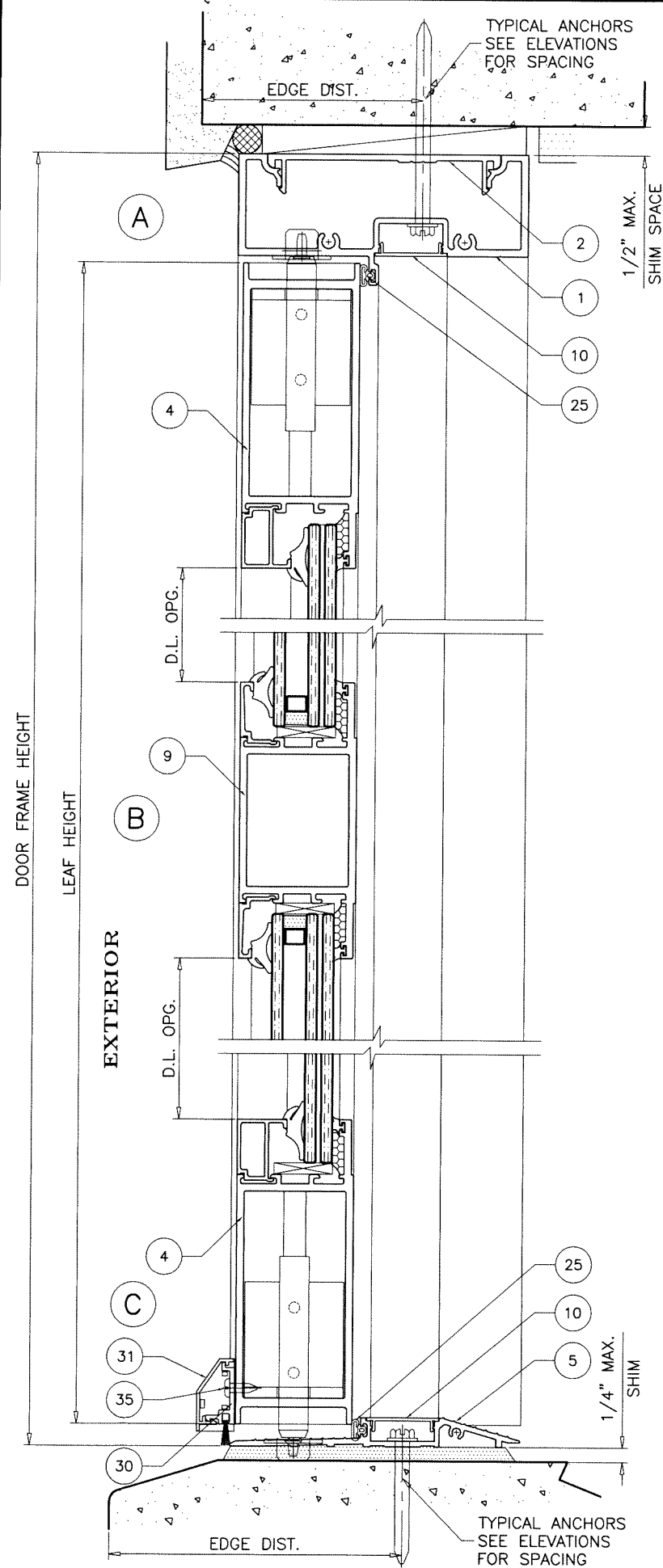


SINGLE (0/X) DOORS WITH TRANSOM LOAD CAPACITY - PSF							
FRAME DIMS.			LEAF DIMS.		TRANSOM HEIGHT	EXT.(+)	INT.(-)
WIDTH	HEIGHT		WIDTH	HEIGHT			
	ADA SILL	HIGH SILL					
44"	108"	109-1/8"	39-1/2"	105-3/4"	37-3/4"	80.0	80.0



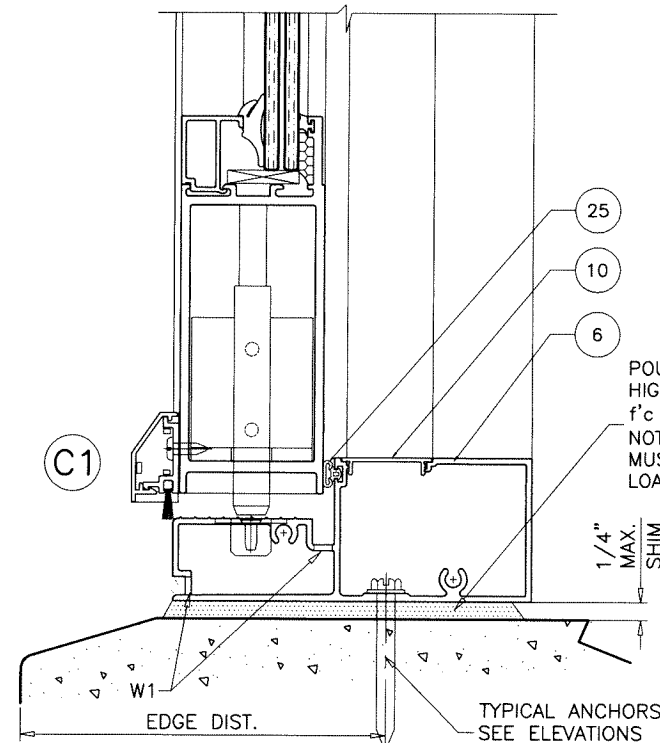
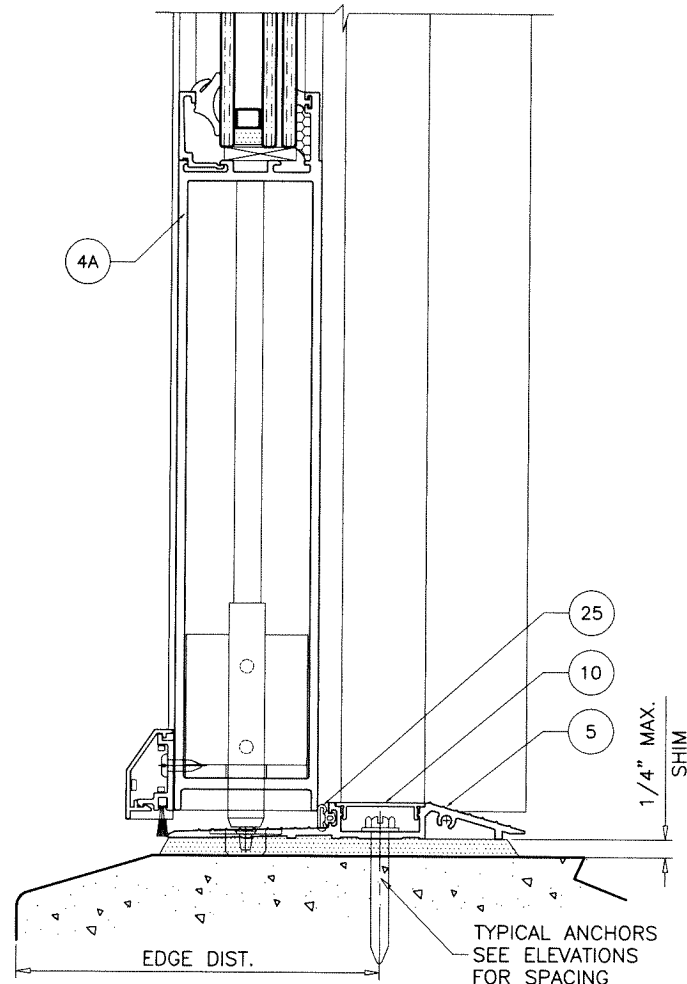
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FRAME DIMS.			LEAF DIMS.		TRANSOM HEIGHT	EXT.(+)	INT.(–)
WIDTH	HEIGHT		WIDTH	HEIGHT			
	ADA SILL	HIGH SILL					
84–3/8"	108"	109–1/8"	39–1/2"	105–3/4"	37–3/4"	80.0	80.0





ADA SILL

NOT APPROVED FOR WATER INFILTRATION RESISTANCE



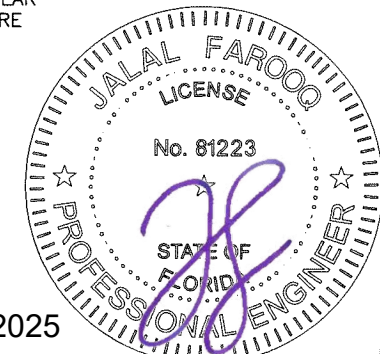
HIGH SILL

APPROVED FOR WATER INFILTRATION RESISTANCE

WEEPHOLES:

W1 = 5/16" X 1-3/4" LONG WEEP SLOTS
(2) PER LITE AT 8" FROM EACH END.

FL #47222

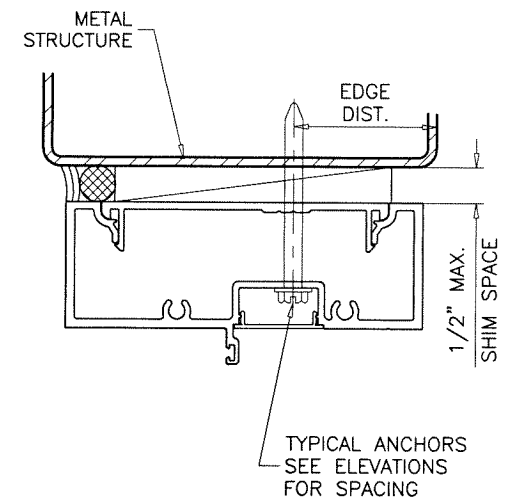
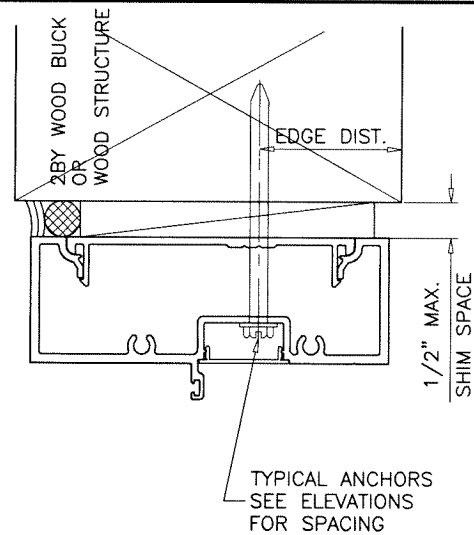
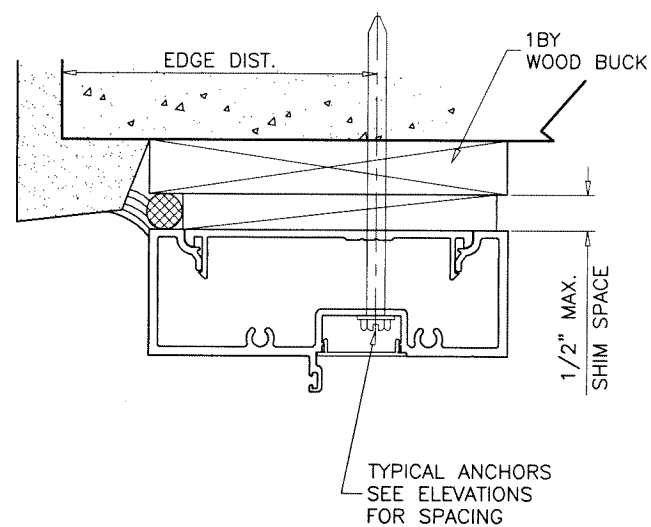


Sealed: 2/3/2025

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AL-FAROOQ CORPORATION
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COMP-ANL\24-97F-MG

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revisions:		no date by description	
date:	12-06-24	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	24-97F		
sheet	4 of 11		



WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS AT DOOR FRAMES: SEE ELEV. FOR SPACING

1/4" X 2-3/4" ULTRACON BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

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

1/4" X 2-3/4" ULTRACON BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

1/4" DIA. SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS)

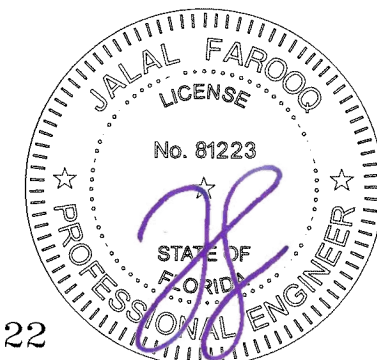
INTO F.B.C. APPROVED MULLIONS
AND
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

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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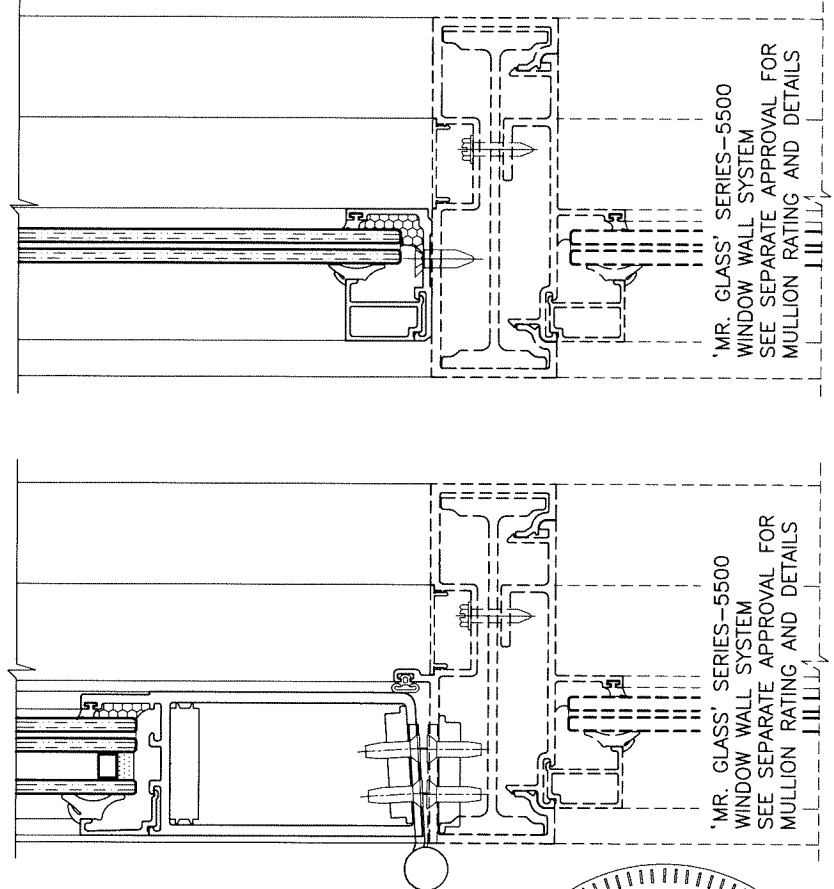
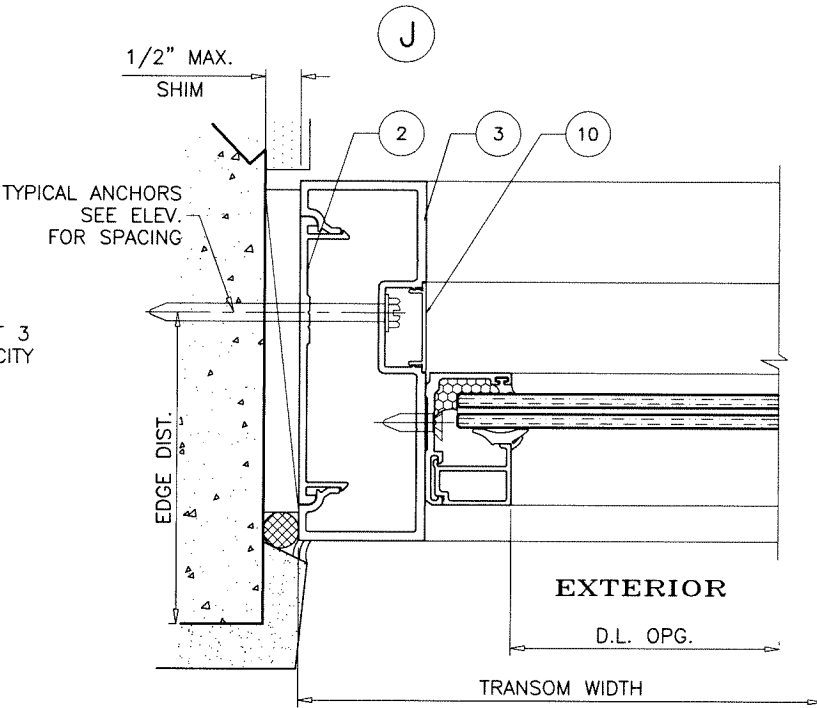
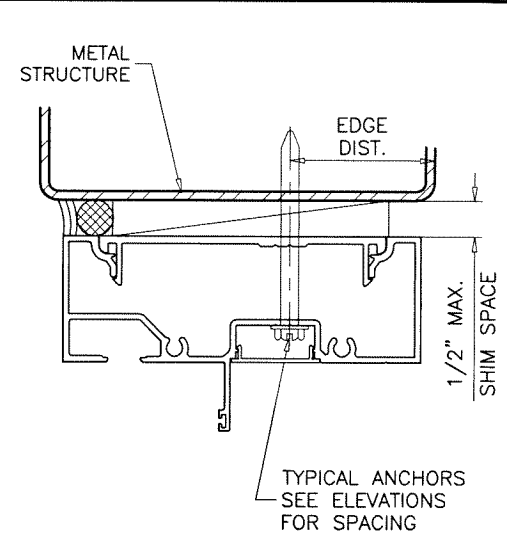
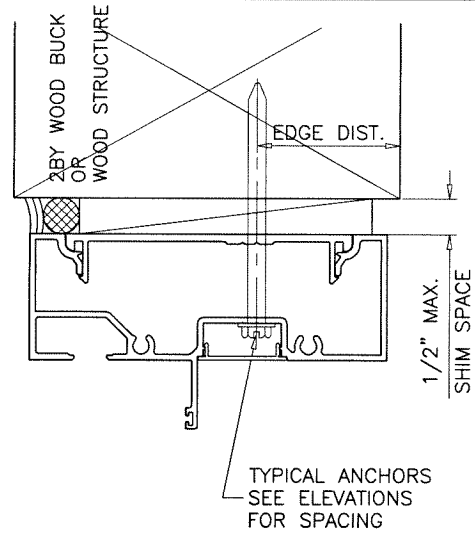
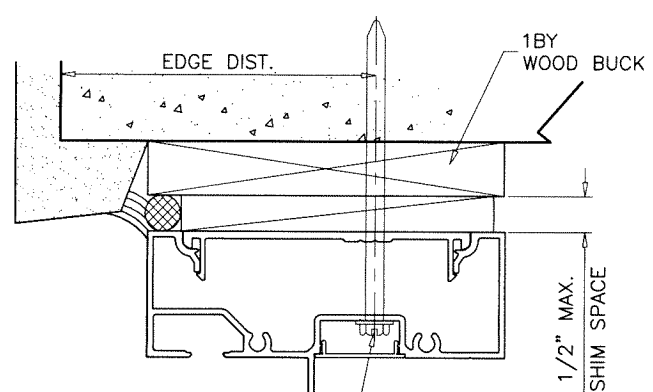
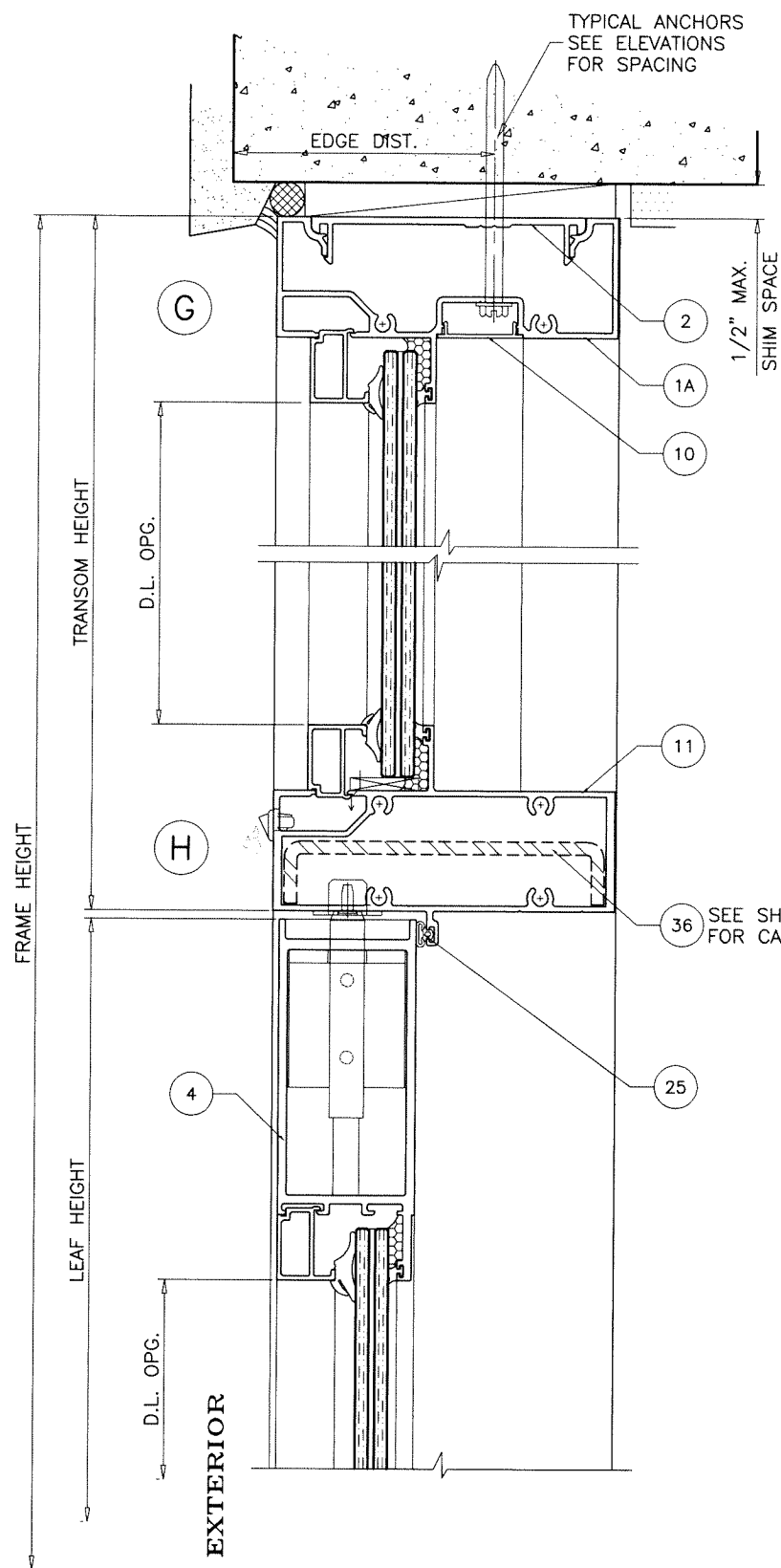


FL #47222

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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #5538
COMP-ANL\24-97F-MG

MG-5500 ALUMINUM OUTSWING DOOR (L.M.I.)
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revisions:		no. date		by description	
date:	12-06-24	no.	date	by	description
scale:	3/8" = 1"				
dr. by:	TARIO				
chk. by:					
drawing no.		24-97F			
sheet 4.1 of 11					



Sealed: 2/3/2025



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FBPE #9538

COMP-ANL\24-97F-MG

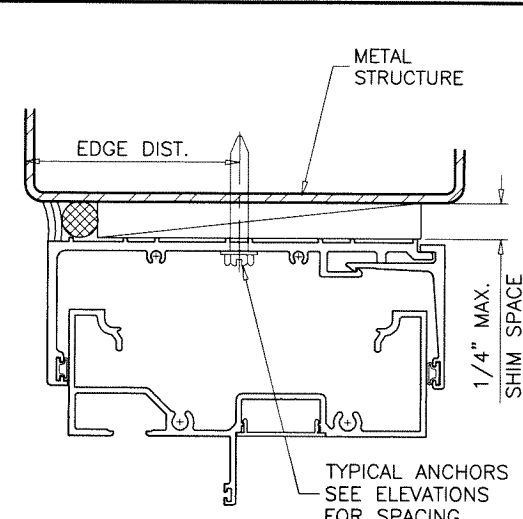
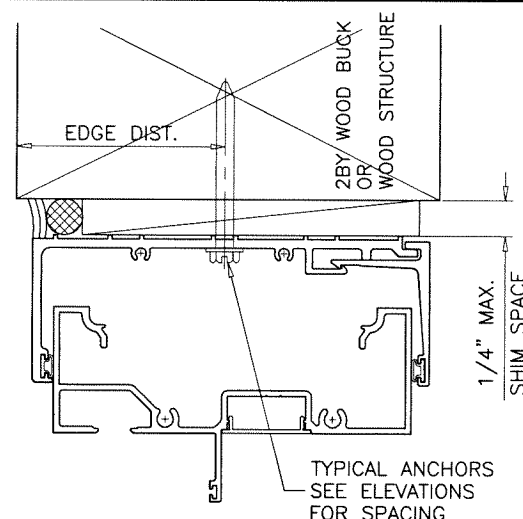
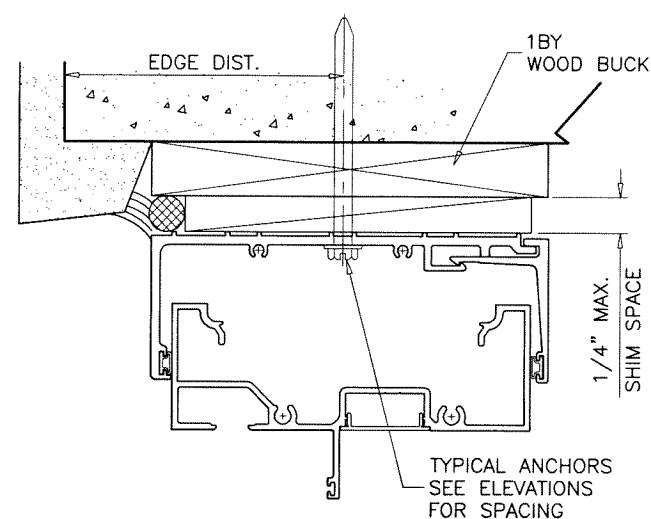
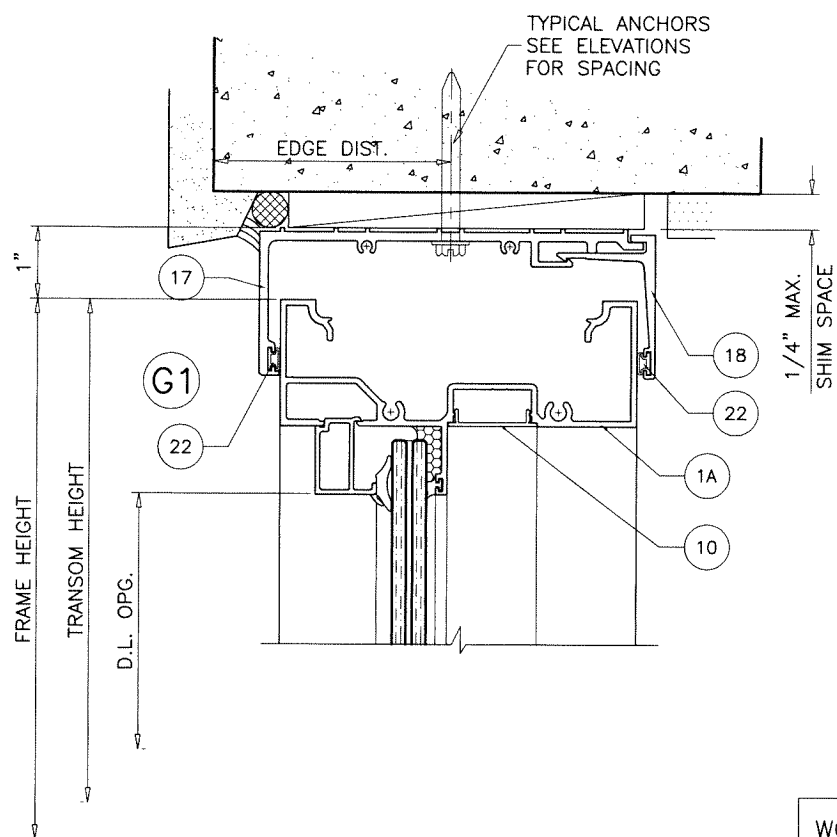
MC-5500 ALUMINUM OUTSWING DOOR (L.M.I.)

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revisions:	
no	date by description

date: 12-06-24	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. 24-97F		sheet 6 of 11	



WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

NOTE:
SEALANT APPLICATION AT HEAD AND JAMB RECEPTORS TO BE DETERMINED ON CASE BY CASE PROJECT DEPENDING ON THE APPLICATION.

TYPICAL ANCHORS AT RECEPTORS: SEE ELEV. FOR SPACING

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)

INTO WOOD STRUCTURES
1-7/8" MIN. PENETRATION INTO WOOD
THRU 1BY OR 2BY WOOD BUCKS INTO CONC.
1-1/2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

INTO CONCRETE = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1-1/4" MIN.

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE
2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

INTO CONCRETE = 3-1/8" MIN.

5/16" DIA. SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS)

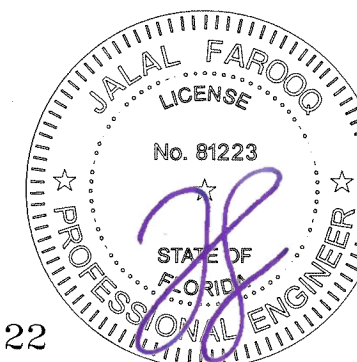
INTO F.B.C. APPROVED MULLIONS
AND
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

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.

Sealed: 2/3/2025



FL #47222

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MG-5500 ALUMINUM OUTSWING DOOR (L.M.I.)
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8051 N.W. 79th Place
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revisions:		no. date		by description	
date:	12-06-24	no.		by	
scale:	3/8" = 1"				
dr. by:	TARIQ				
chk. by:					
drawing no.		24-97F			
sheet		7 of 11			

LOCK OPTIONS:

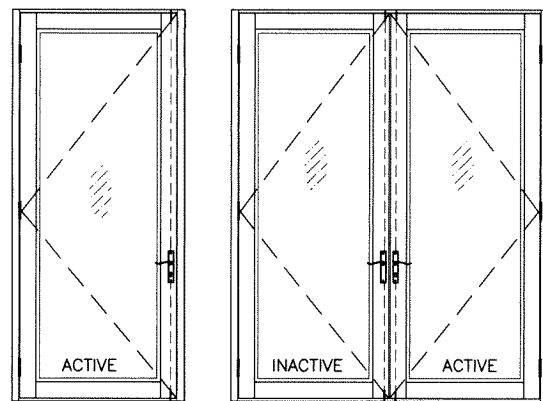
MULTI POINT LOCK OPTION #1:

ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'INTERLOCK' AT 34-1/2"
FROM BOTTOM
HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS
ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
11/16" MIN. DEAD BOLT PENETRATION
9/16" MIN. SHOOT BOLT PENETRATION AT HEAD
1/2" MIN. SHOOT BOLT PENETRATION AT SILL
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(2) #8-32 X 2" OH MS

INACTIVE LEAF:

2 POINT LOCK SYSTEM BY 'INTERLOCK' AT 34-1/2"
FROM BOTTOM
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT
HEAD AND SILL
9/16" MIN. SHOOT BOLT PENETRATION AT HEAD
1/2" MIN. SHOOT BOLT PENETRATION AT SILL
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(2) #8-32 X 2" OH MS



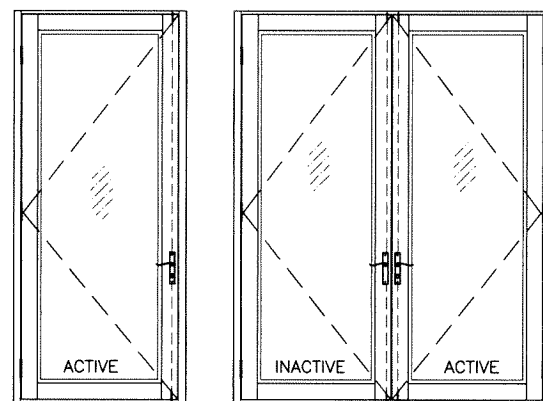
MULTI POINT LOCK OPTION #2:

ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'REGENT HARDWARE' AT 40-1/2"
FROM BOTTOM
HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS
ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
11/16" MIN. DEAD BOLT PENETRATION
9/16" MIN. SHOOT BOLT PENETRATION AT HEAD
1/2" MIN. SHOOT BOLT PENETRATION AT SILL
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(2) #8-32 X 2" OH MS

INACTIVE LEAF:

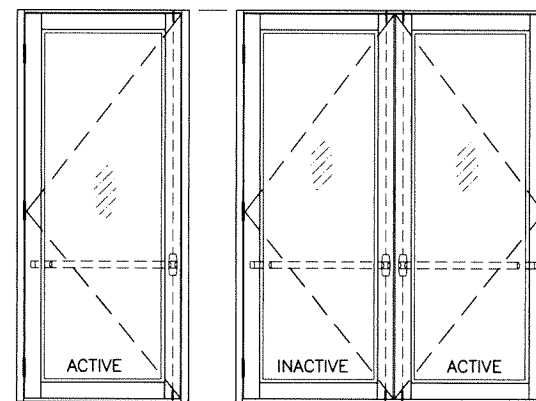
2 POINT LOCK SYSTEM BY 'RECENT HARDWARE' AT 40-1/2"
FROM BOTTOM
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT
HEAD AND SILL
9/16" MIN. SHOOT BOLT PENETRATION AT HEAD
1/2" MIN. SHOOT BOLT PENETRATION AT SILL
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(2) #8-32 X 2" OH MS



CVR PANIC DEVICE OPTION #1:

ACTIVE & INACTIVE LEAF:

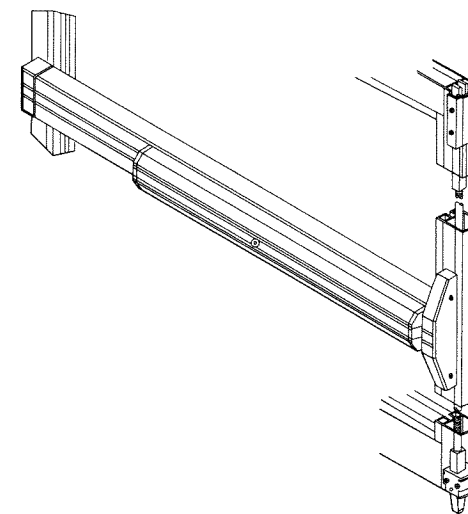
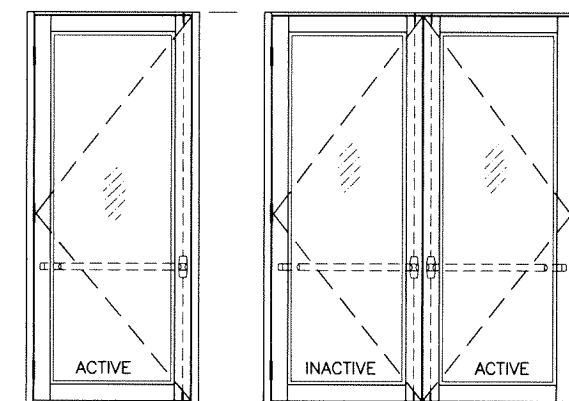
CONCEALED VERTICAL ROD PANIC EXIT DEVICE
BY "JACKSON PANIC SYSTEM"
LOCATED AT 41" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END



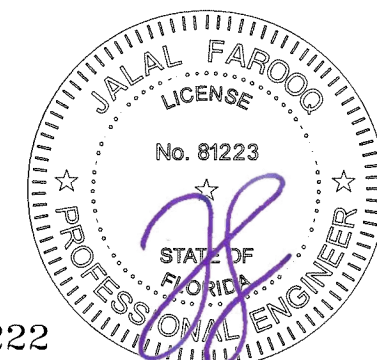
CVR PANIC DEVICE OPTION #2:

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE
'1690' BY 'FALCON'
LOCATED AT 40" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END



Sealed: 2/3/2025



HINGES:

4" X 4-1/2" ST. STEEL BALL BEARING HINGES BY 'REGENT/IDH'
(3) FOR DOORS UPTO 98" HEIGHTS
(4) FOR DOORS UPTO 108" HEIGHTS
TOP AND BOTTOM HINGES AT 6-5/8" FROM ENDS
INTERMEDIATE HINGES EQUALLY SPACED
FASTENED TO FRAME WITH
(4) #12 X 1/2" FH SELF DRILLING SCREWS
FASTENED TO LEAF WITH
(4) #12 X 1/2" FH SELF DRILLING SCREWS

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ALUMINUM COLORED SILICONE.

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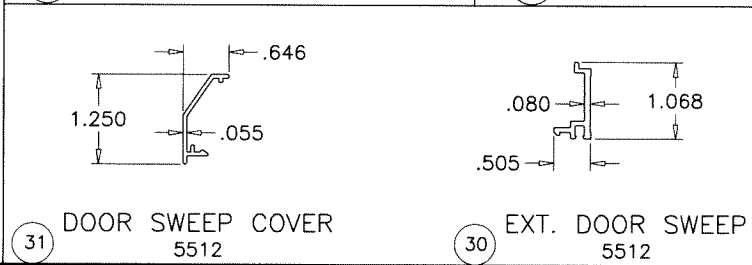
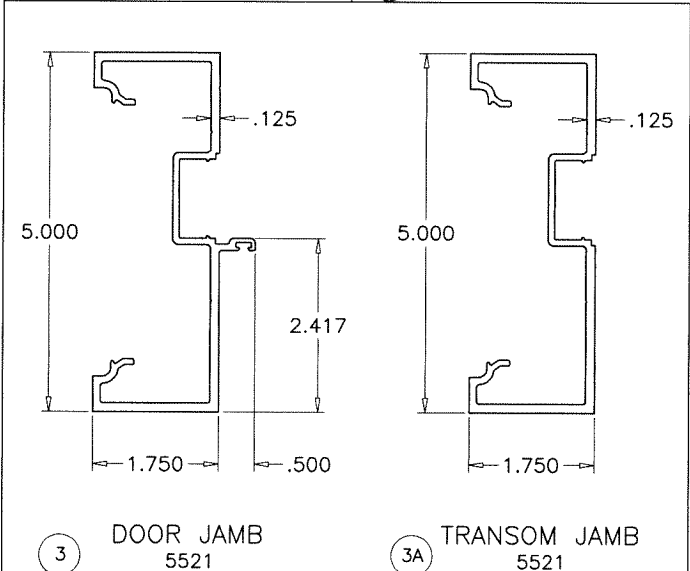
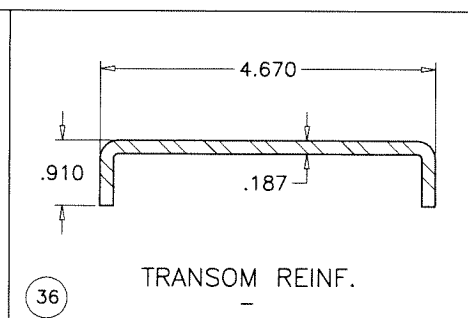
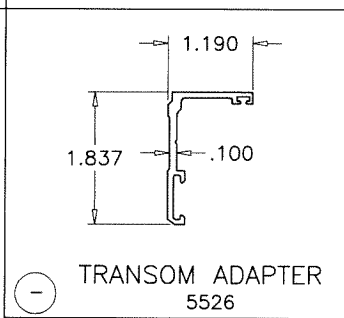
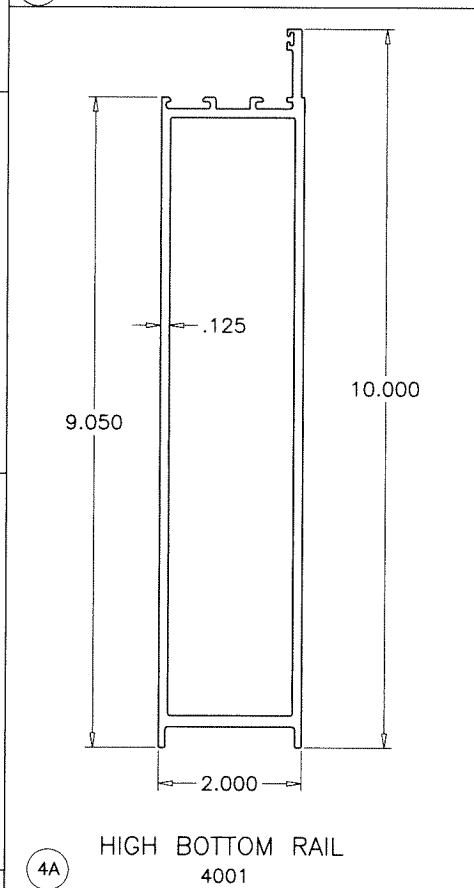
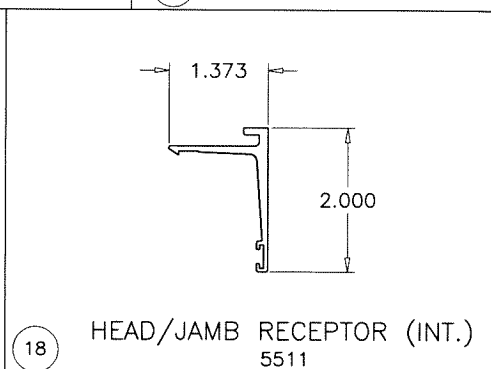
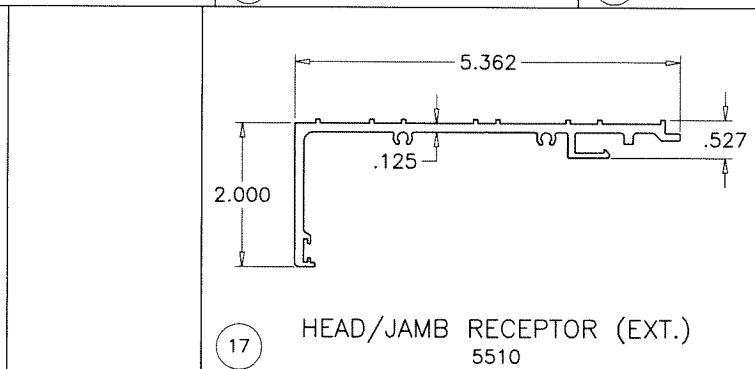
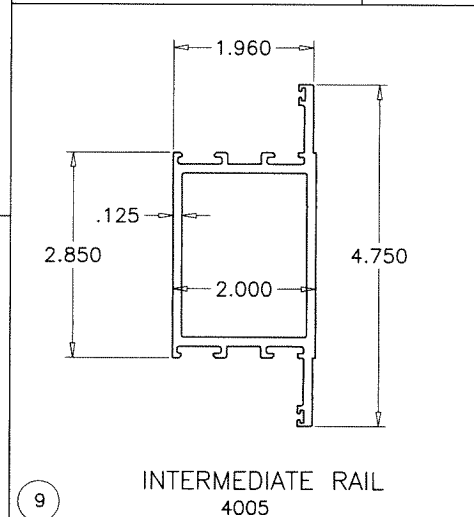
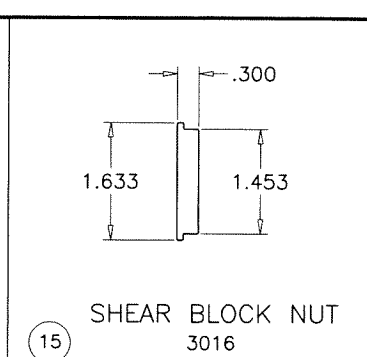
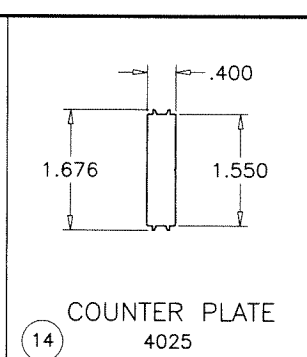
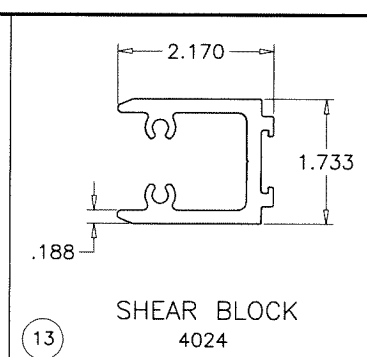
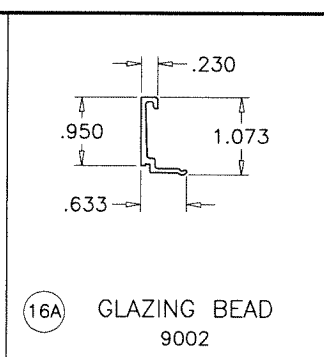
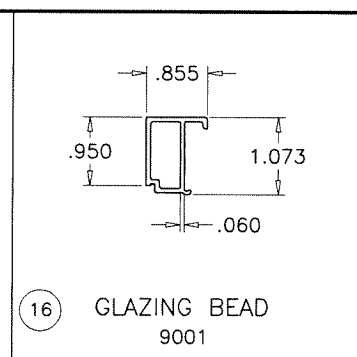
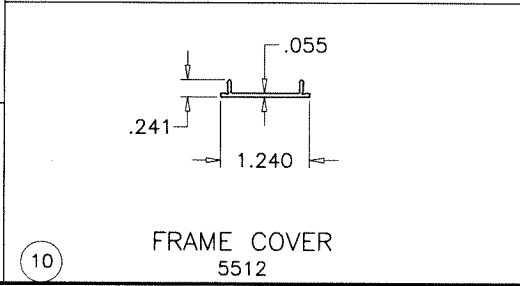
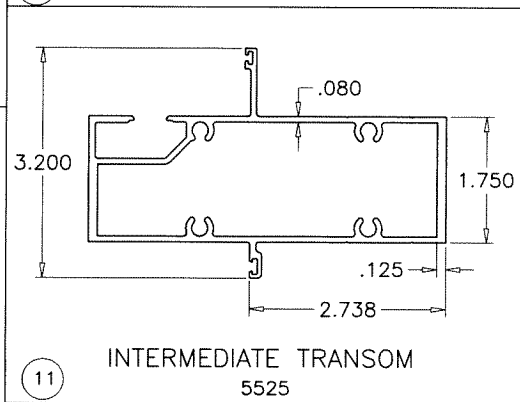
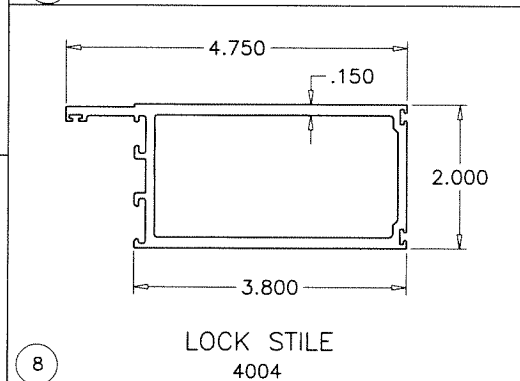
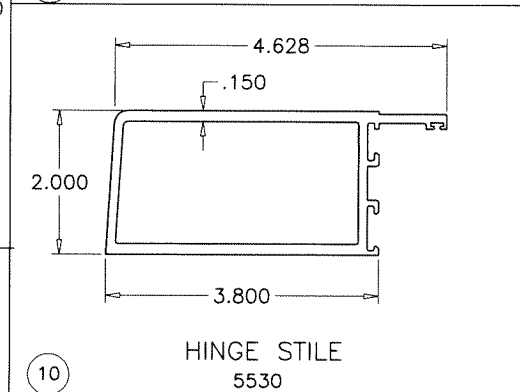
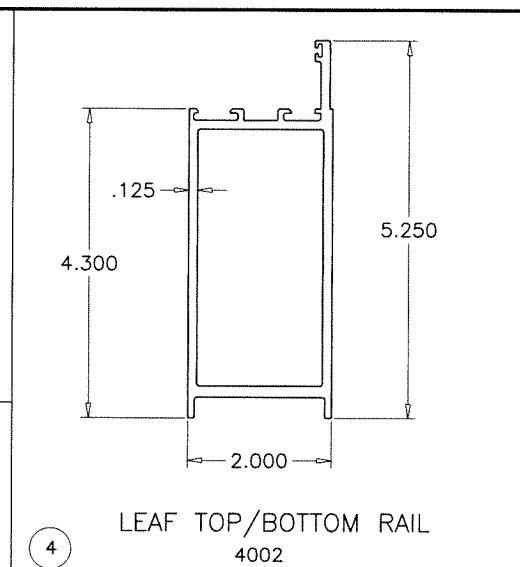
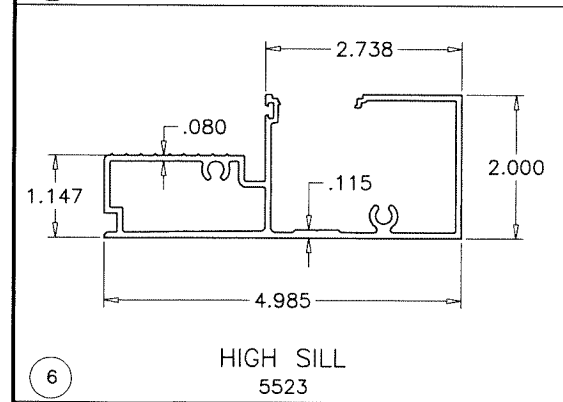
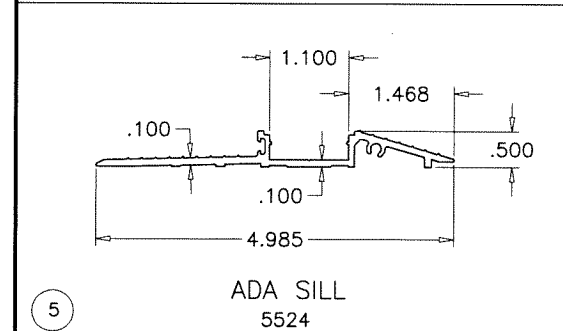
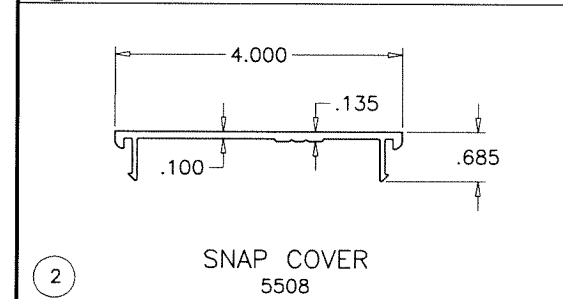
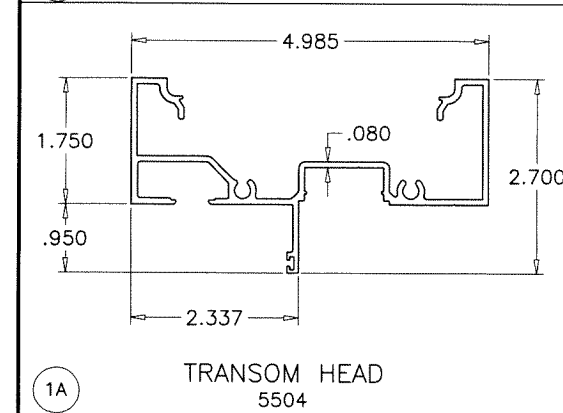
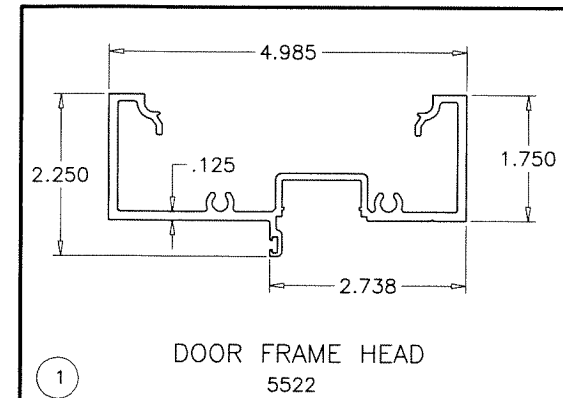
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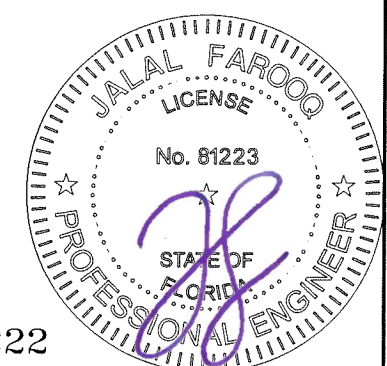
sheet 8 of 11

FL #47222

sheet 8 of 11



Sealed: 2/3/2025



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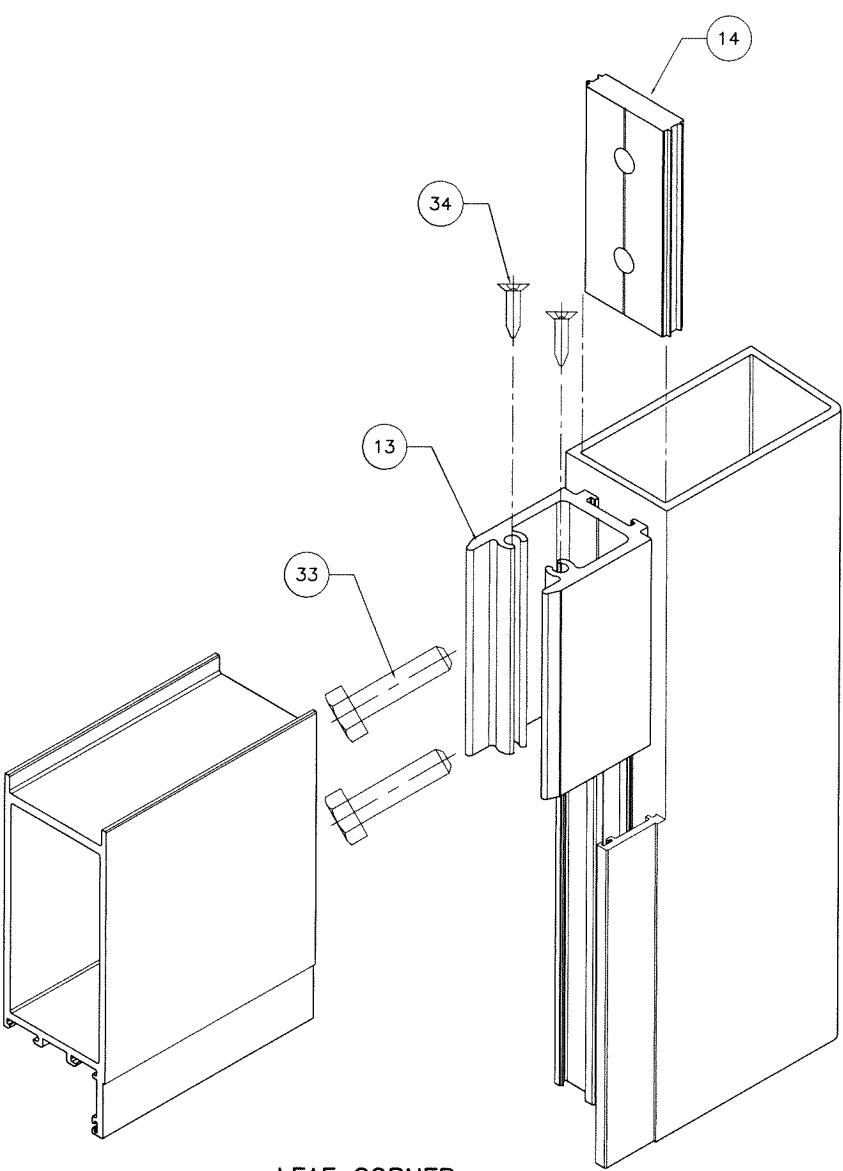
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24-97F
sheet 9 of 11

FL #47222

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	5522	AS REQD.	DOOR FRAME HEAD	6063-T6	-
1A	5504	AS REQD.	TRANSOM HEAD	6063-T6	-
2	5508	AS REQD.	FRAME COVER	6063-T6	-
3	5521	AS REQD.	DOOR FRAME JAMB	6063-T6	-
3A	5521	AS REQD.	TRANSOM JAMB	6063-T6	-
4	4002	AS REQD.	LEAF TOP & BOTTOM RAIL	6063-T6	-
4A	4001	AS REQD.	HIGH BOTTOM RAIL	6063-T6	-
5	5524	AS REQD.	ADA SILL	6063-T6	-
6	5523	AS REQD.	HIGH SILL	6063-T6	-
7	5530	AS REQD.	HINGE STILE	6063-T6	-
8	4004	AS REQD.	LOCK STILE	6063-T6	-
9	4005	AS REQD.	INTERMEDIATE RAIL	6063-T6	-
10	5512	AS REQD.	FRAME COVER	6063-T5	-
11	5525	AS REQD.	INETRMEDIATE TRANSOM	6063-T6	-
12	5526	AS REQD.	TRANSOM ADAPTER	6063-T5	-
13	4024	AS REQD.	SHEAR BLOCK	6063-T6	-
14	4025	AS REQD.	COUNTER PLATE	6063-T6	-
15	3016	AS REQD.	HINGE BACKING PLATE, 9" LONG	6063-T6	-
16	E9001	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
16A	E9002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
17	5510	AS REQD.	HEAD/JAMB RECEPTOR (EXTERIOR)	6063-T6	-
18	5511	AS REQD.	HEAD/JAMB RECEPTOR (INTERIOR)	6063-T6	-
19	G30-01	AS REQD.	INTERIOR GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
20	G6-01	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
21	-	2/ LITE	SETTING BLOCK, 1/8" X 1" X 4" LONG, AT 3" FROM EACH END	EPDM	DUROMETER 80±5 SHORE A
22	G60-03	AS REQD.	RECEPTOR GASKET	EPDM	DUROMETER 70±5 SHORE A
23	G30-02	AS REQD.	DOUBLE FIN AIR SEAL W'STRIPPING	SANTOPRENE	DUROMETER 70±5 SHORE A
24	G25-02	AS REQD.	PILE W'STRIPPING	WOOL	ULTRAFAB
25	G60-03	AS REQD.	BULB W'STRIPPING	EPDM	-
26	G55-12	AS REQD.	LOCK STILE GASKET	EPDM	DUROMETER 78±5 SHORE A
27	G40-03	AS REQD.	DOOR SWEEPER	WOOL	ULTRAFAB
28	M30-02	AS REQD.	BALL BEARING HINGES	ST. STEEL	-
29	-	AS REQD.	MULTI POINT LOCK	-	-
30	4022	AS REQD.	EXTERIOR DOOR SWEEP	6063-T5	-
31	4023	AS REQD.	DOOR SWEEP COVER	6063-T5	-
32	#12 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	HWH SMS
33	3/8 X 1"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HEX SOCKET HEAD SCREWS
34	#12 X 1-1/2"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HWH SMS
35	#10 X 3/4"	AS REQD.	DOOR SWEEP FASTENERS	-	PH SELF DRILLING
36	-	AS REQD.	TRANSOM REINFORCING CHANNEL	STEEL	A36, Fu MIN. = 58 KSI
37	-	-	-	-	-

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME TO BE SEALED WITH GE 2000 SILICONE.



LEAF CORNER
INTERMEDIATE RAIL CORNER

Sealed: 2/3/2025



FL #47222

a f c

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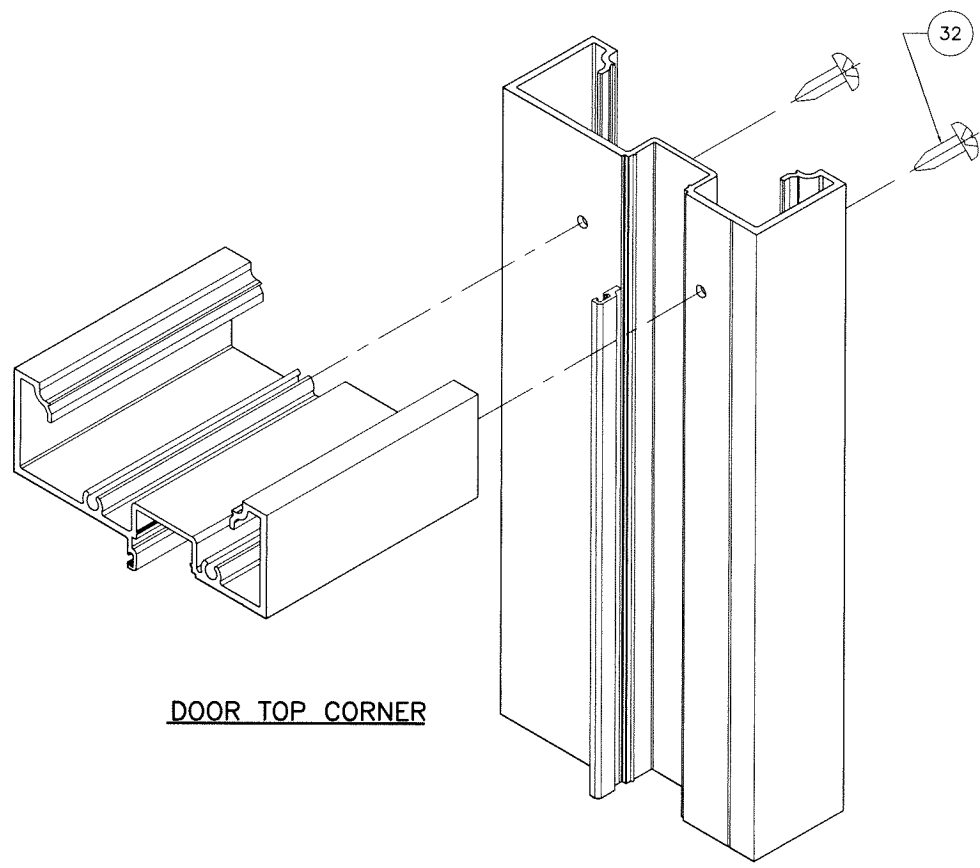
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PBPE #8538

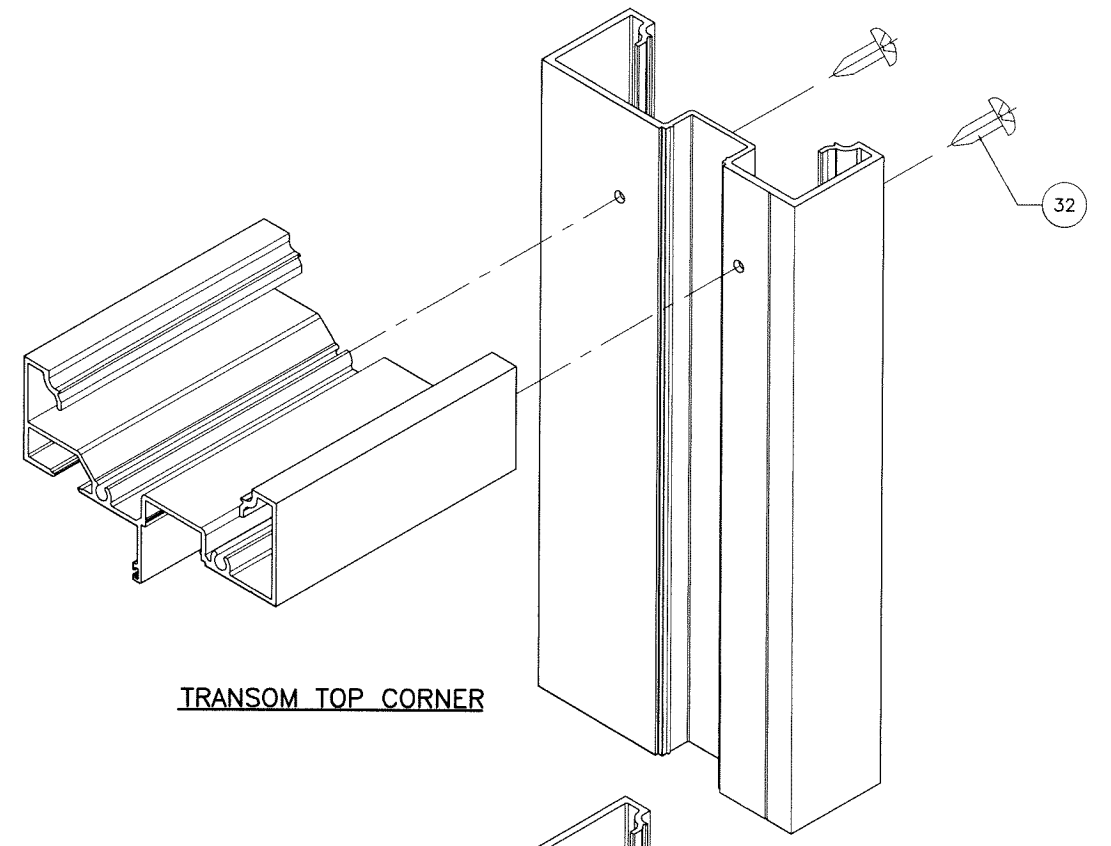
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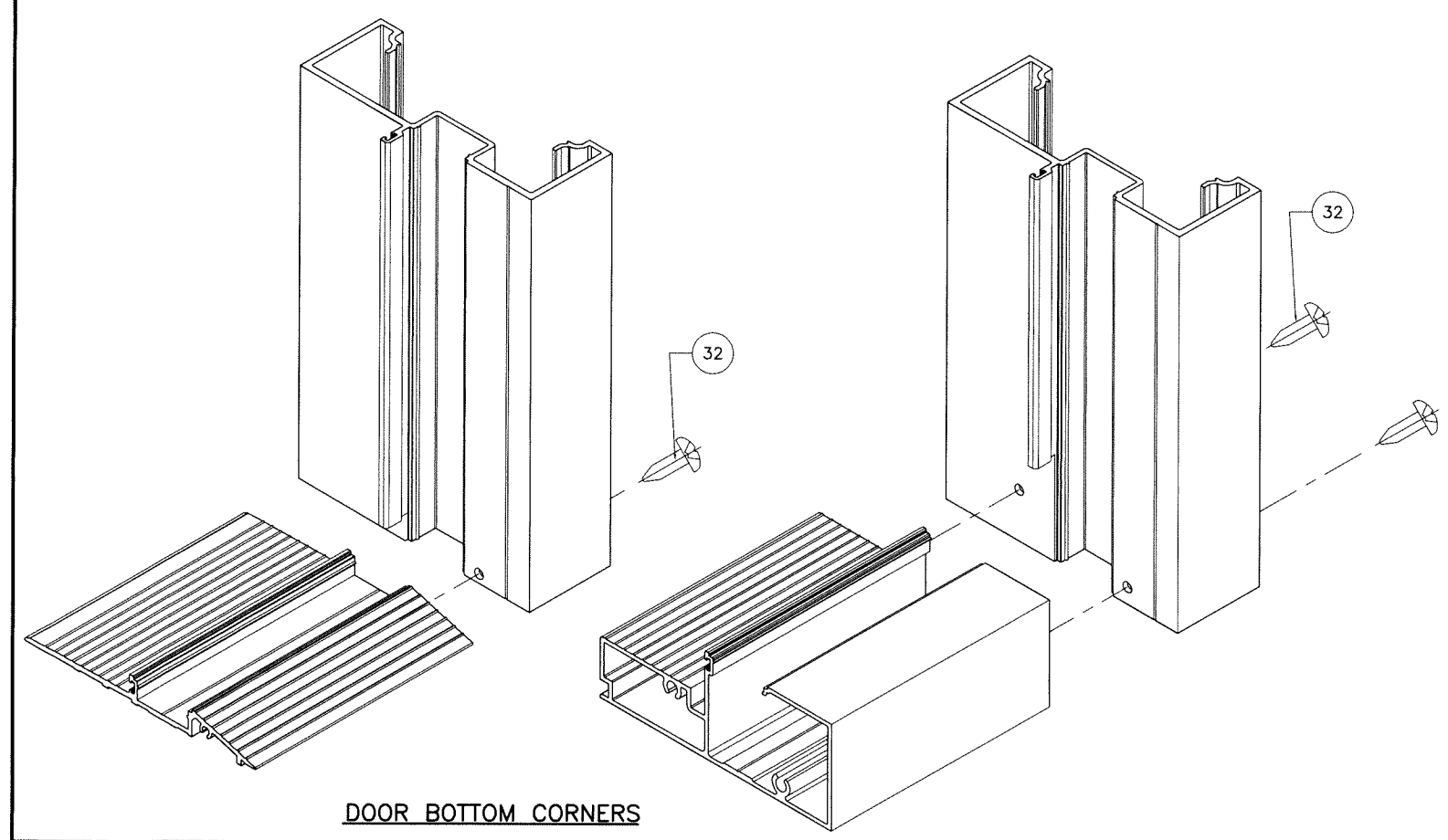
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sheet 10 of 11									



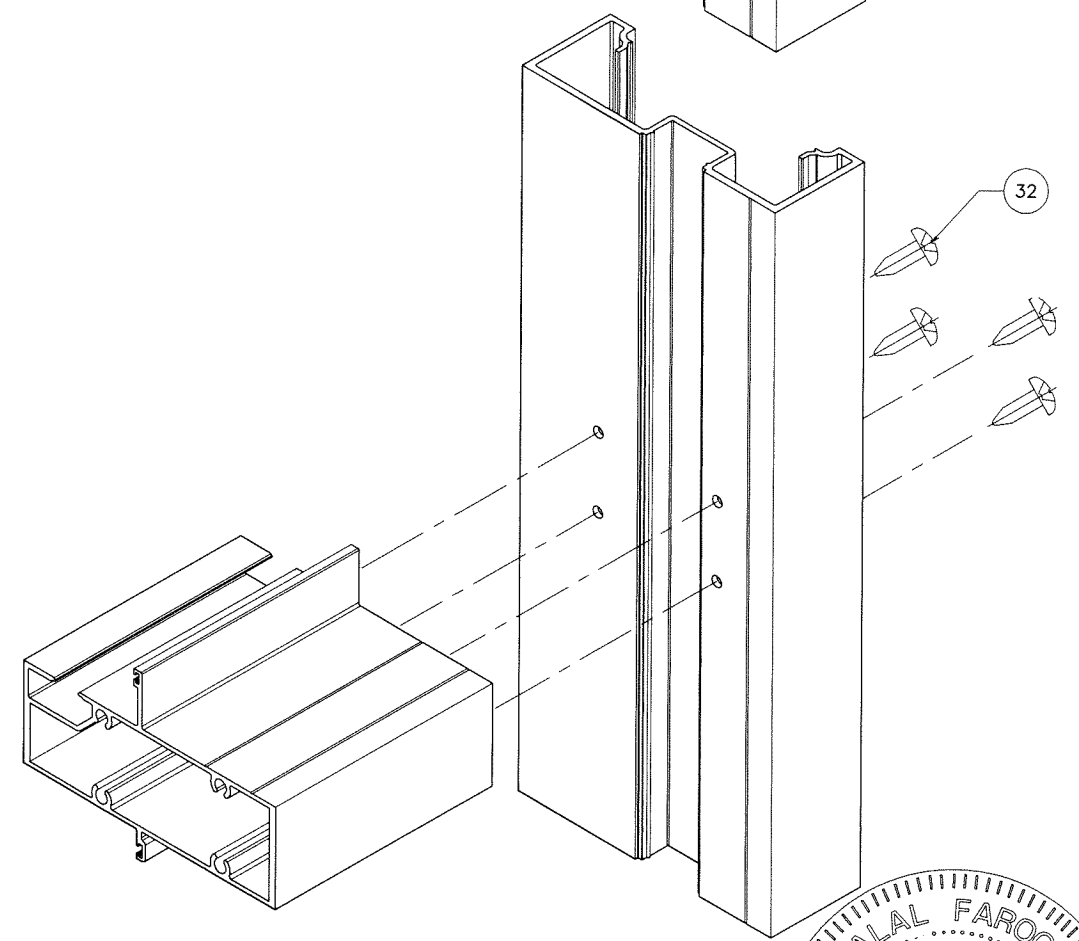
DOOR TOP CORNER



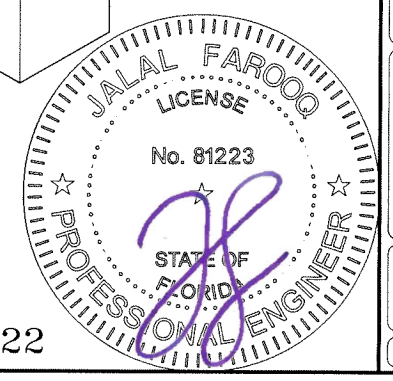
TRANSOM TOP CORNER



DOOR BOTTOM CORNERS



Sealed: 2/3/2025
INTERMEDIATE TRANSOM CORNER



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