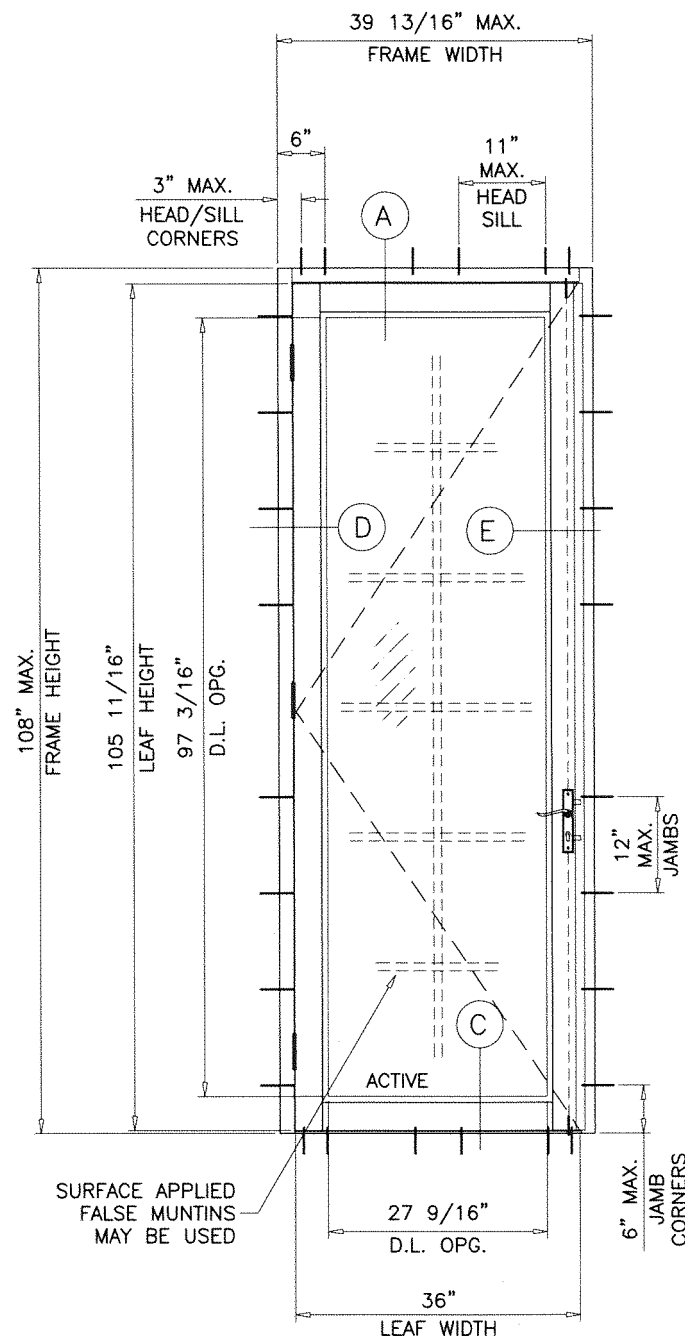
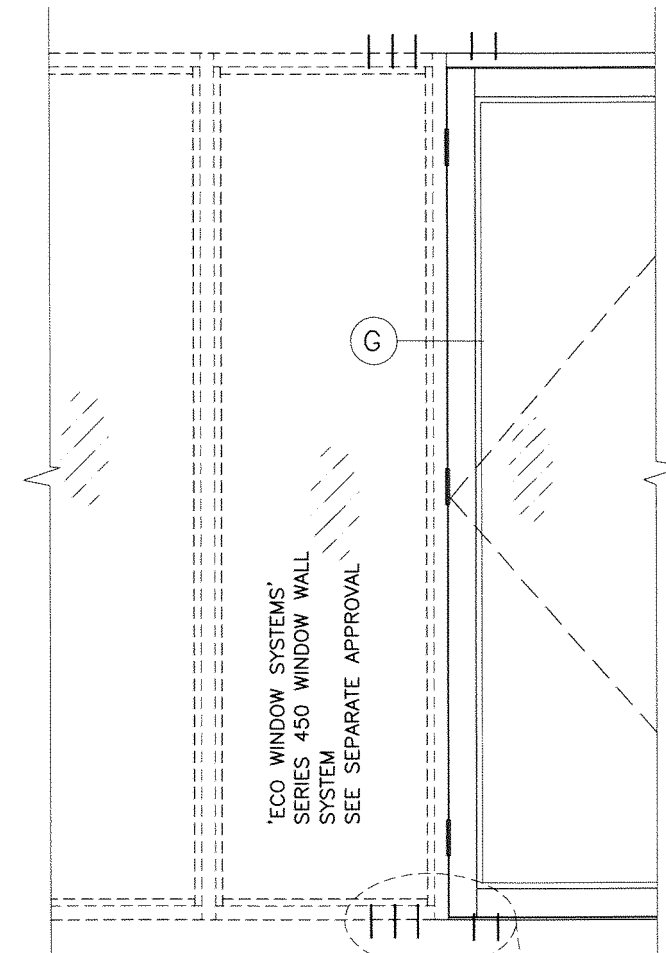
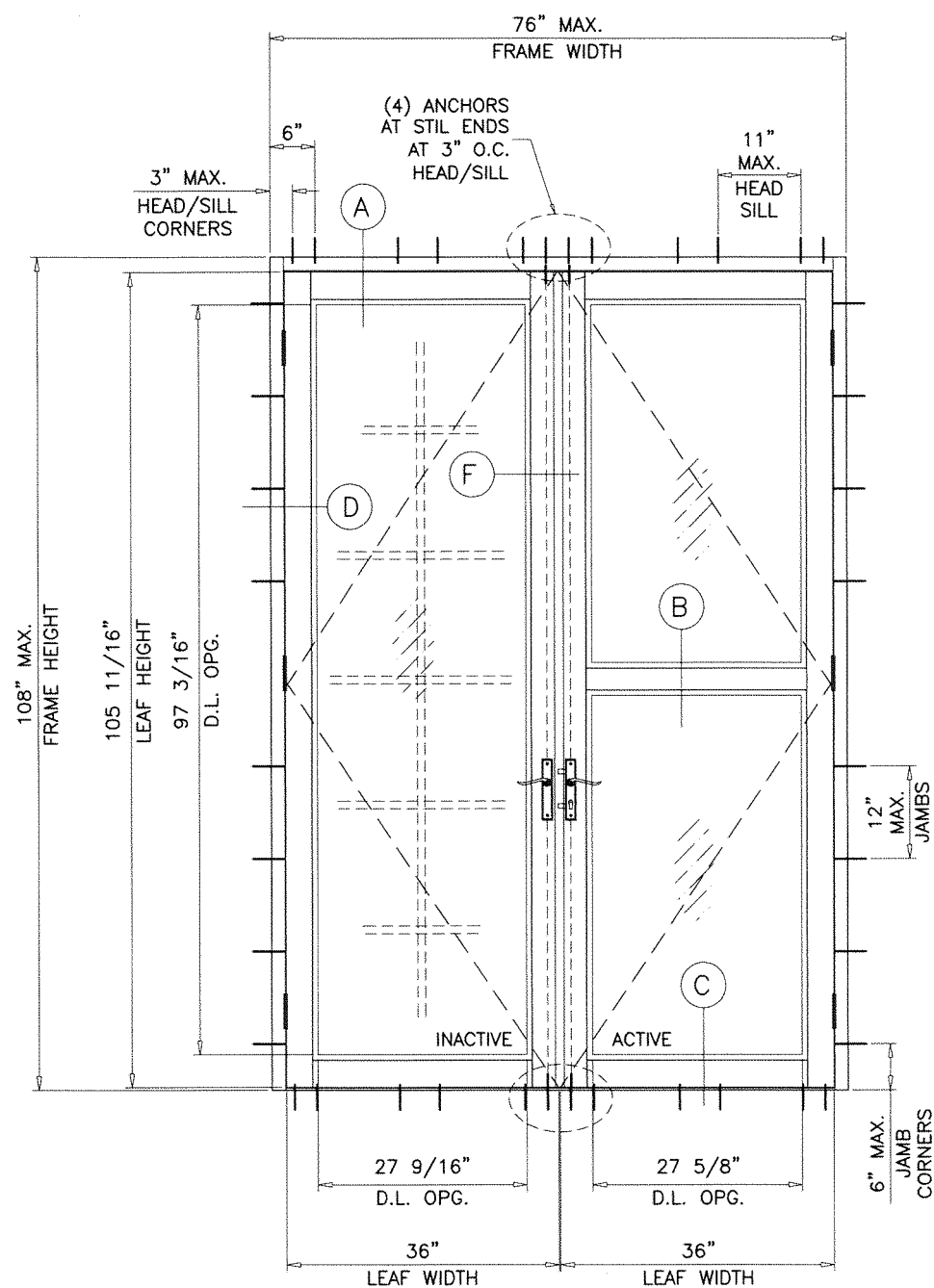


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TYPICAL ELEVATIONS



SINGLE DOORS LOAD CAPACITY - PSF					
FRAME DIMS.		LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
39-13/16"	108"	36"	105-11/16"	70.0	75.0

DOUBLE DOORS LOAD CAPACITY - PSF					
FRAME DIMS.		LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT		
76"	108"	36"	105-11/16"	70.0	75.0

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

D.L.O. WIDTH = FRAME WIDTH - 12.250" (X DOORS)

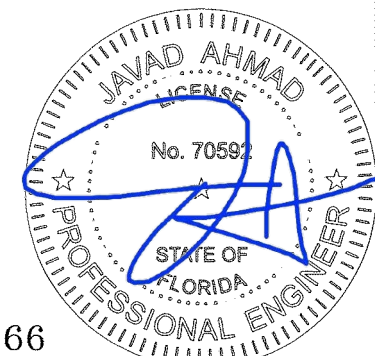
= (FRAME WIDTH - 20.875")/2 (XX DOORS)

D.L.O. HEIGHT (ADA THRESHOLD) = FRAME HEIGHT - 10.813" (4-1/4" BOTTOM RAIL)

= FRAME HEIGHT - 16.563" (10" BOTTOM RAIL)

DOOR LEAF HEIGHT = FRAME HEIGHT - 2.250"

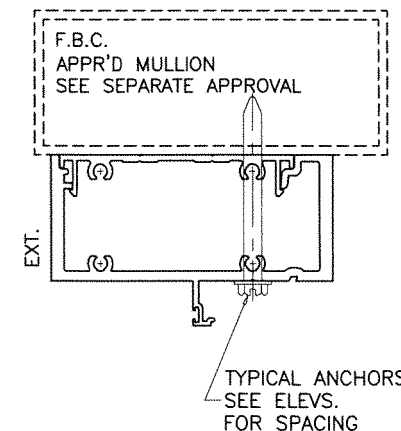
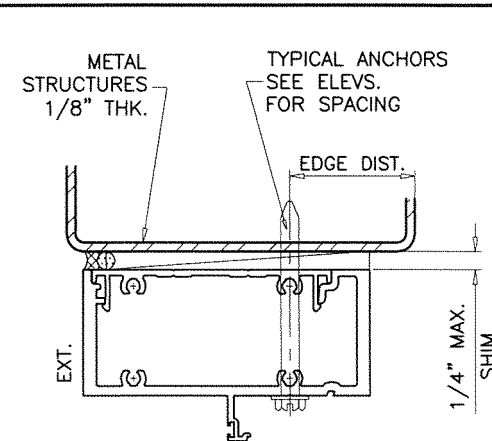
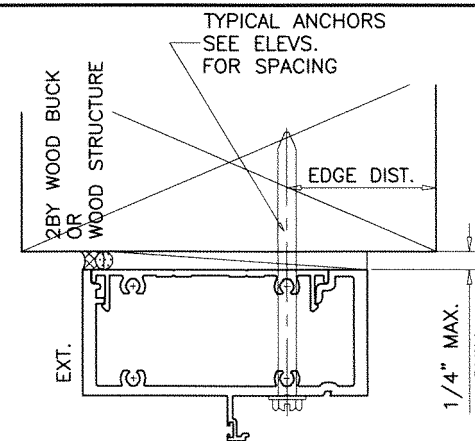
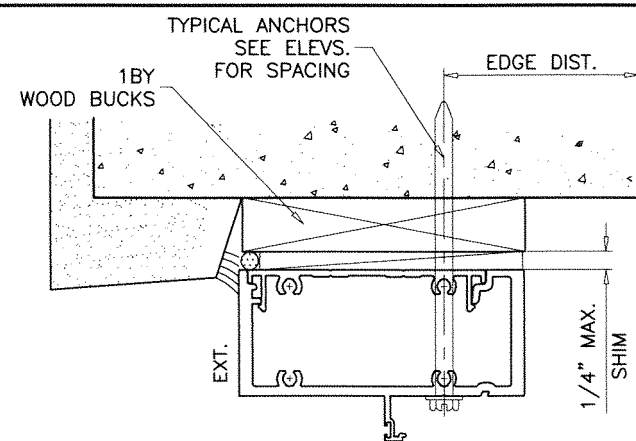
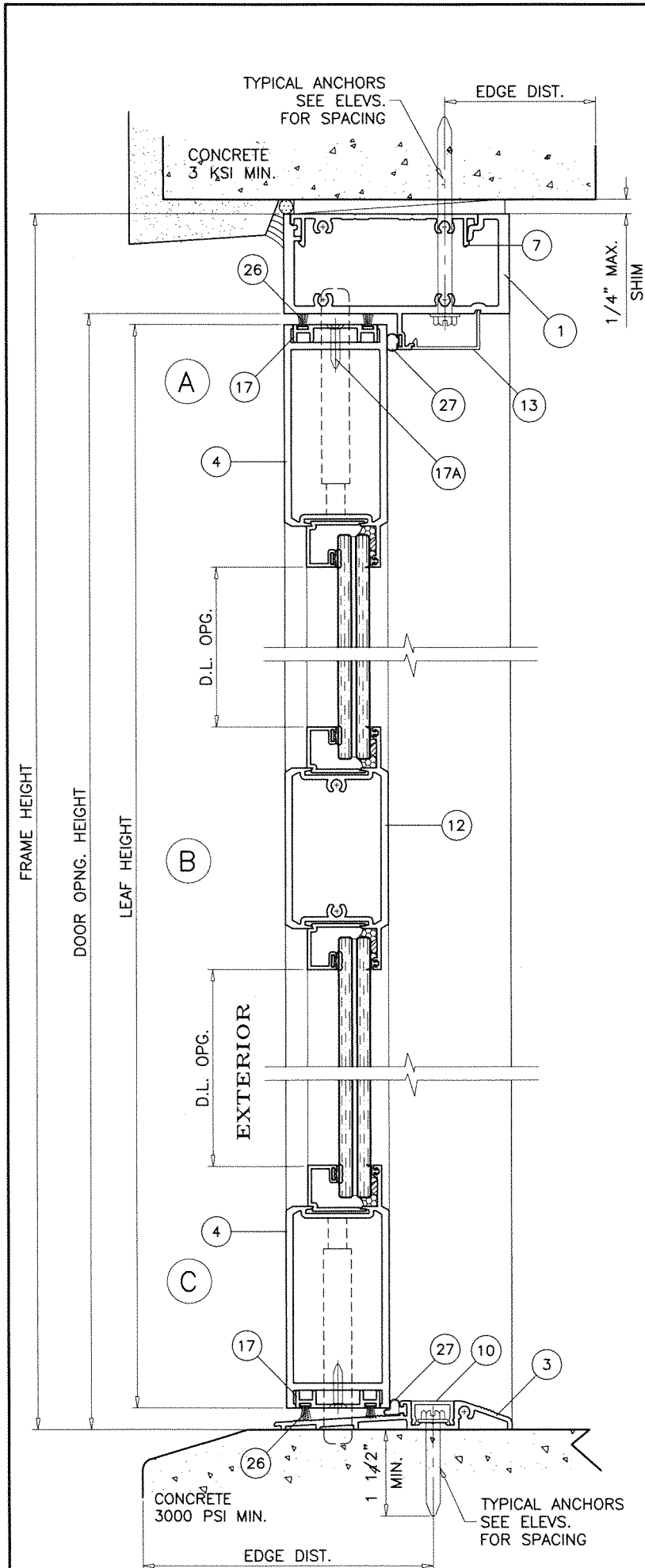
FL #28366



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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COMP-ANL 18-115F-ECO

SERIES 845 ALUMINUM OUTSWING DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299 FAX (305) 885-5902

revisions:	no	date	description
date:	09-03-18	scale:	1/2"=1'-0"
dr. by:	TARIQ	chk. by:	
drawing no.	18-115F		
sheet	2 of 7		



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

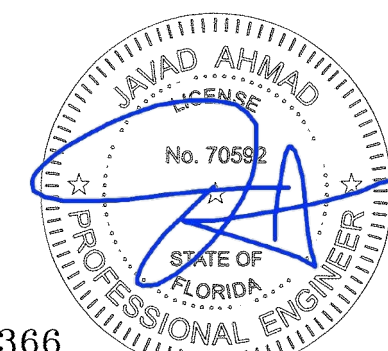
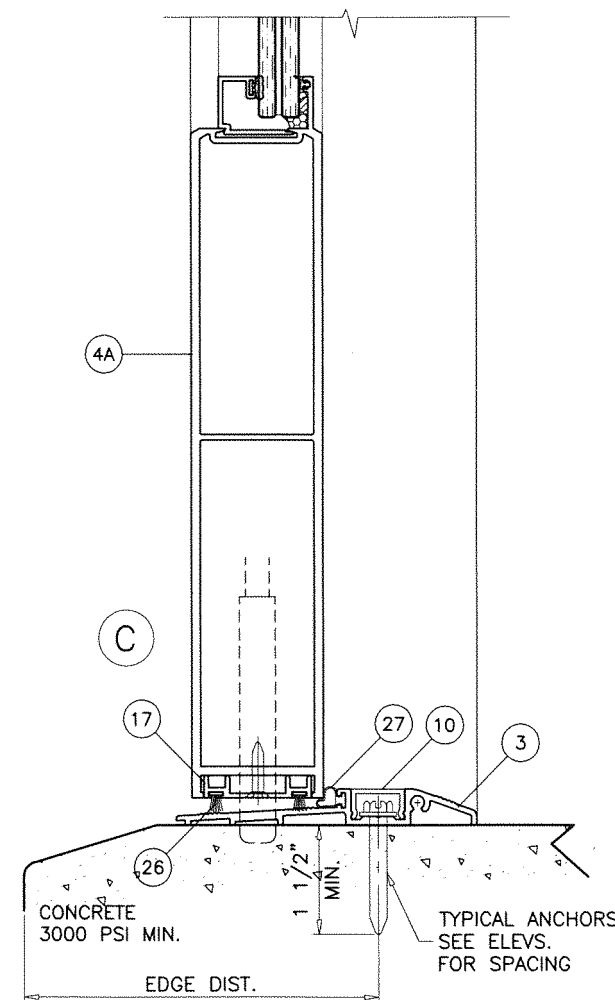
DIRECTLY INTO CONCRETE OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

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

WOOD AT HEAD 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.

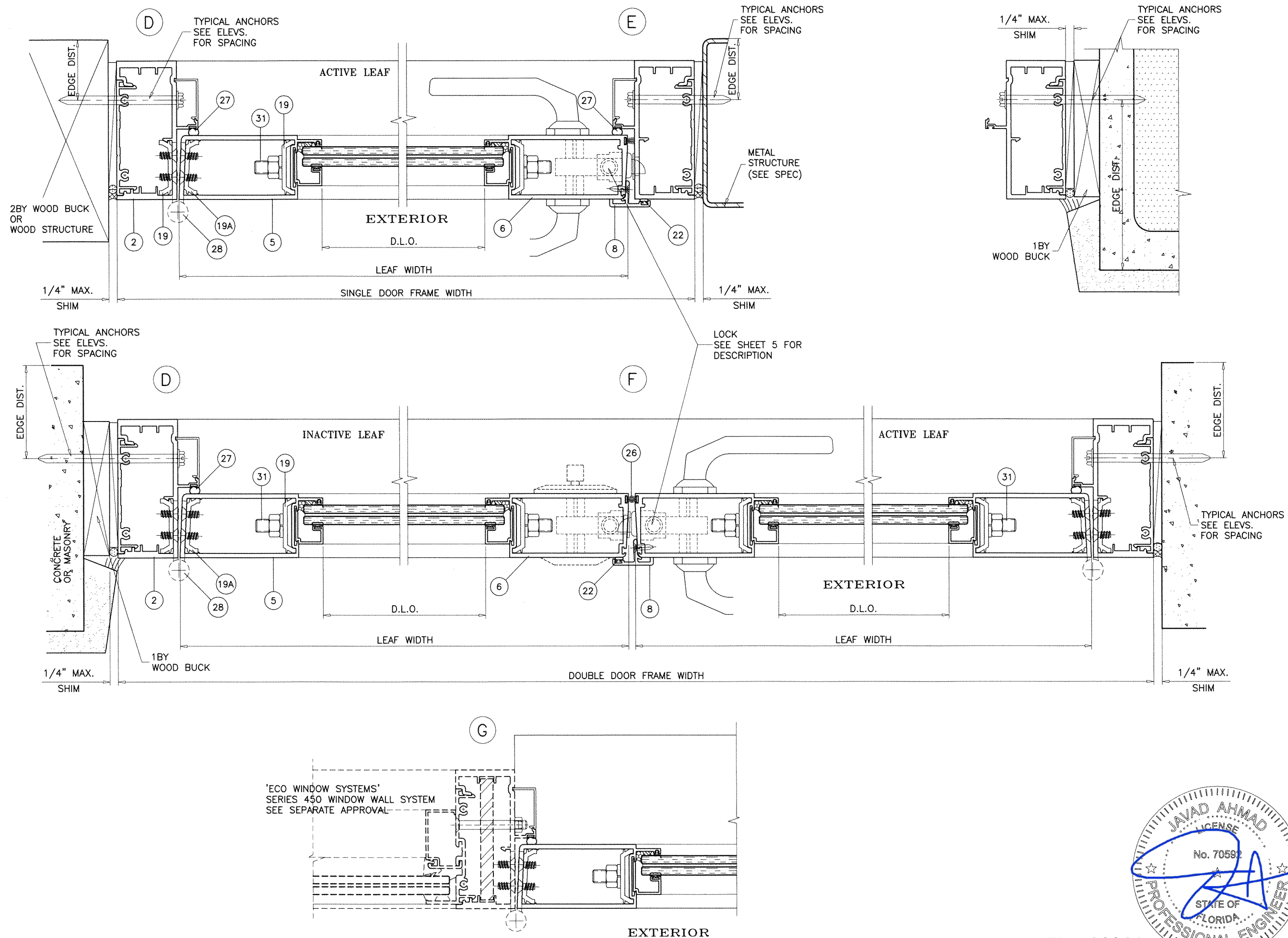


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 COMP-ANL\18-115F-ECO

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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	457	1	DOOR FRAME HEAD	6063-T6	-
2	454	2	DOOR FRAME JAMB	6063-T6	-
3	455	1	ADA THRESHOLD	6063-T6	-
4	E805	2/ LEAF	LEAF TOP AND BOTTOM RAIL	6063-T6	-
4A	E808	1/ LEAF	10" BOTTOM RAIL	6063-T6	-
5	E806	1/ LEAF	LEAF HINGE STILE	6063-T6	-
6	E823	1/ LEAF	LEAF LOCK STILE	6063-T6	-
7	453	AS REQD.	SHEAR CLIP. 4" LONG	6063-T6	AT ANCHOR LOCATIONS
8	E809	AS REQD.	ASTRAGAL W'STRIP ADAPTER	6063-T6	-
9	E614	4/ LEAF	GLAZING BEAD (LAM. GLASS)	6063-T6	-
10	456	AS REQD.	ADA THRESHOLD COVER	6063-T5	-
12	E819	AS REQD.	INTERMEDIATE HORIZONTAL TYPE 1	6063-T6	-
12A	E822	AS REQD.	INTERMEDIATE HORIZONTAL SHEAR BLOCK	6063-T6	-
13	E820	AS REQD.	DOOR FRAME SNAP COVER	6063-T5	-
15	E825	AS REQD.	LOCK BACK-UP PLATE	6063-T6	-
17	E608	AS REQD.	LEAF W'STRIP ADAPTER	6063-T6	-
17A	#8 X 3/4"	AS REQD.	ADAPTER FASTENERS, AT 11" O.C.	6063-T6	FH SELF DRILLING SCREWS
18	E612	AS REQD.	LEAF ALIGNMENT BRACKET	6063-T6	-
19	E613	AS REQD.	LEAF CLAMP	6063-T6	-
19A	E613	AS REQD.	HINGE BACKUP PLATE, 9" LONG	6063-T6	-
20	E20618.KN3020	AS REQD.	GLAZING VINYL	EPDM	TECHNO RUBBER IND.
21	E815	4/ LEAF	SILICONE DAM	EPDM	TECHNO RUBBER IND.
22	E817	AS REQD.	ASTRAGAL SEAL	EPDM	TECHNO RUBBER IND.
23	-	-	GLASS SPACER	SILICONE	TECHNO RUBBER IND.
24	-	2/ LITE	SETTING BLOCK (1/4" X 1/2" X 4" LONG) AT 6" FROM ENDS	EPDM	TECHNO RUBBER IND., DUROMETER 80±5 SHORE A
26	W11323	-	PILE W'STRIPPING	WOOL	ULTRAFAB
27	E20618-KN-3020	-	BULB W'STRIPPING	SANTOPRENE	-
28	-	3/ LEAF	BUTT HINGES	ALUMINUM	REGENT
29	1/4-20 X 1/2"	-	HINGE INSTALLATION FASTENERS	-	FH MS
30	#12 X 1-1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	-	HH SELF DRILLING SCREWS
31	-	-	3/8" DIA. THREADED ROD	STEEL	-

LOCKS:

ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'REGENT' AT 40-1/2" FROM BOTTOM WITH CONCEALED VERTICAL RODS
6 PLY BOLT ENGAGING AT LOCK STILE OR FRAME JAMB AND SHOOT BOLTS ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH
(2) #8 X 1/2" FH SMS

INACTIVE LEAF:

2 POINT LOCK SYSTEM SERIES MS1880, MS1881 BY 'ADAMS RITE' AT 42-1/2" FROM BOTTOM
WITH CONCEALED VERTICAL RODS
AND SHOOT BOLTS ENGAGING AT HEAD AND SILL
THUMB TURN ON INTERIOR
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(2) 6-32 X 5/16" PH MACHINE SCREWS

DOOR HANDLES:

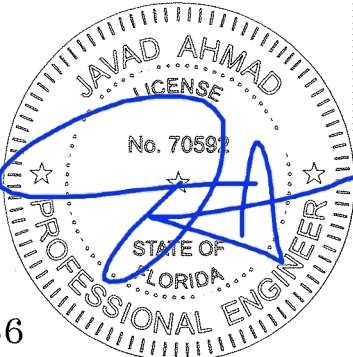
SURFACE MOUNT METALLIC HANDLES AT 42-1/2" FROM BOTTOM FASTENED TO ACTIVE AND INACTIVE LEAF LOCK STILES WITH
(2) 1/4-20 X 1-13/16" CONE HEAD MS
(4) 1/4-20 X 5/16" SET SCREWS

HINGES:

4-1/2" LONG FLUSH MOUNT STEEL BUTT HINGES BY 'REGENT'
(3) PER LEAF
(1) AT 9" FROM TOP TO CL OF HINGE
(1) AT 7-1/4" FROM BOTTOM TO CL OF HINGE
CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE FASTENED WITH 1/4-20 X 1/2" FH MACHINE SCREWS
FOUR PER HASP(LEAF).

SEALANTS:

ALL FRAME JOINTS AND SEAMS SEALED WITH SCHNEE-MOREHEAD SM5504 ACRYL-R SEAM SEALER.



FL #28366

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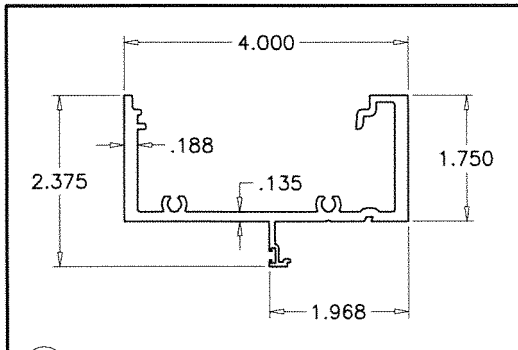
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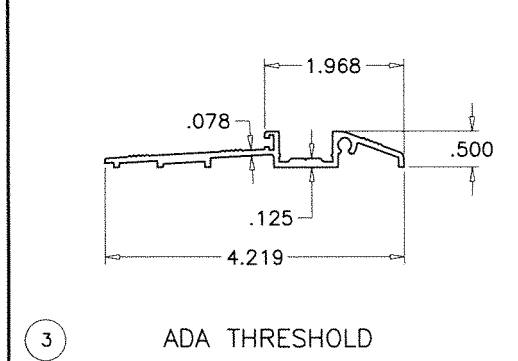
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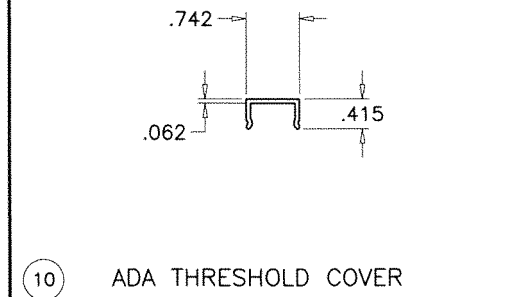
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sheet 5 of 7							



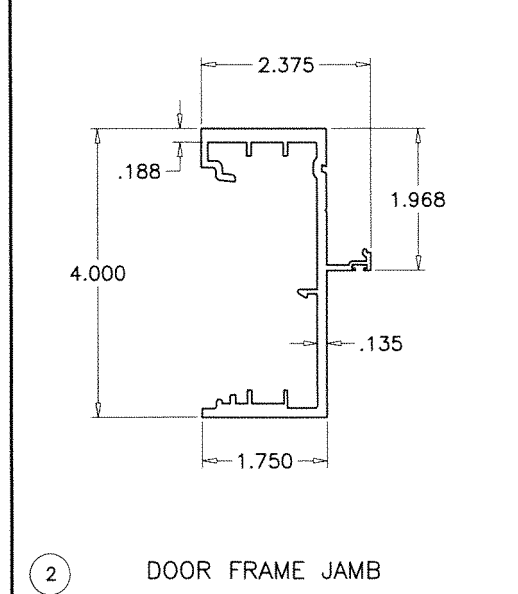
1 DOOR FRAME HEAD



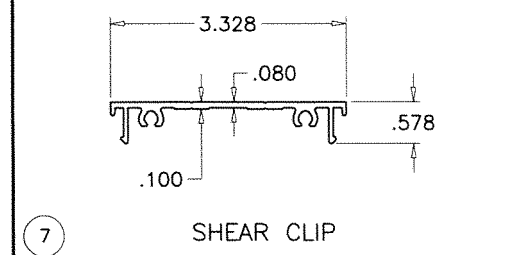
3 ADA THRESHOLD



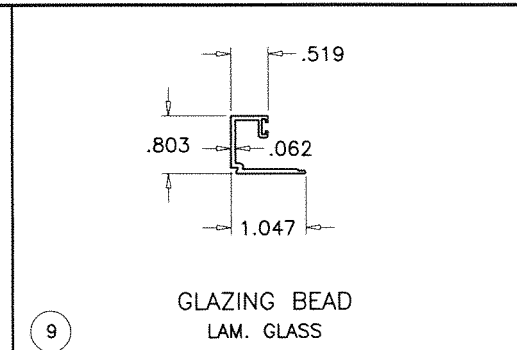
10 ADA THRESHOLD COVER



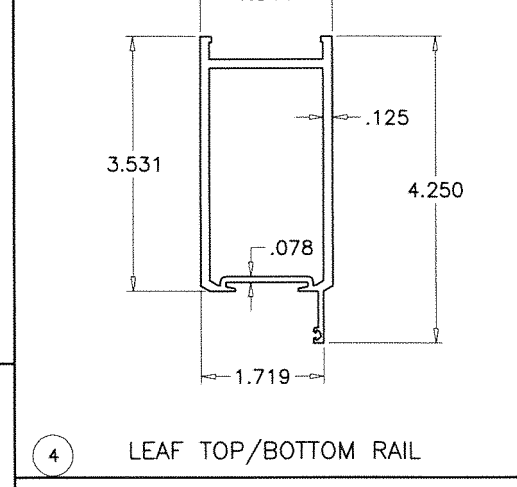
2 DOOR FRAME JAMB



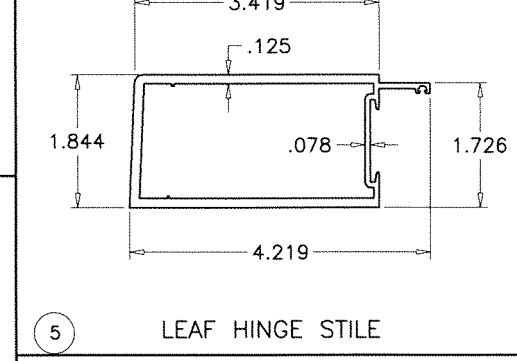
7 SHEAR CLIP



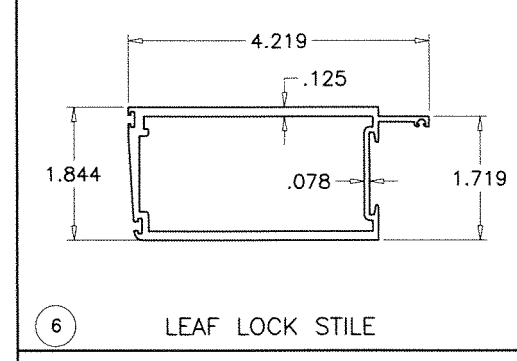
9 GLAZING BEAD
LAM. GLASS



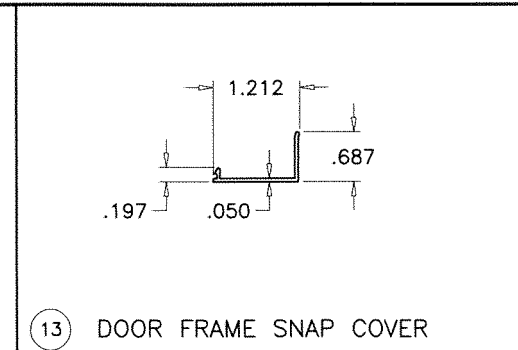
4 LEAF TOP/BOTTOM RAIL



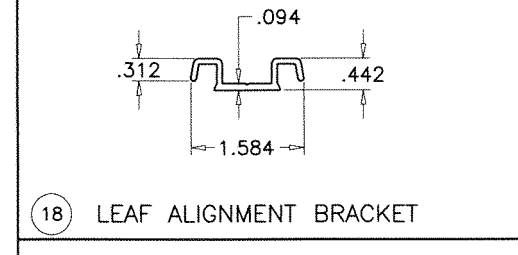
5 LEAF HINGE STILE



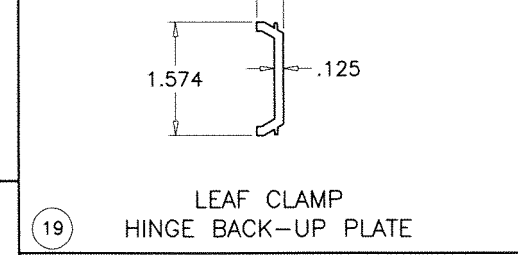
6 LEAF LOCK STILE



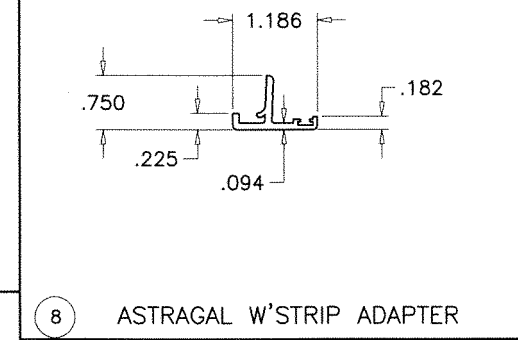
13 DOOR FRAME SNAP COVER



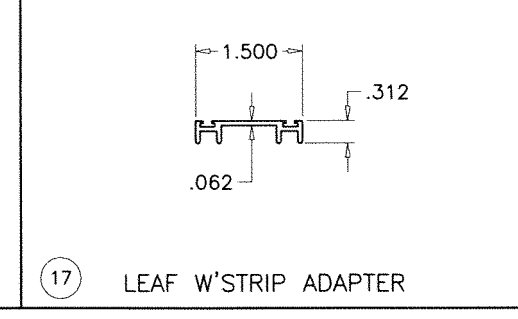
18 LEAF ALIGNMENT BRACKET



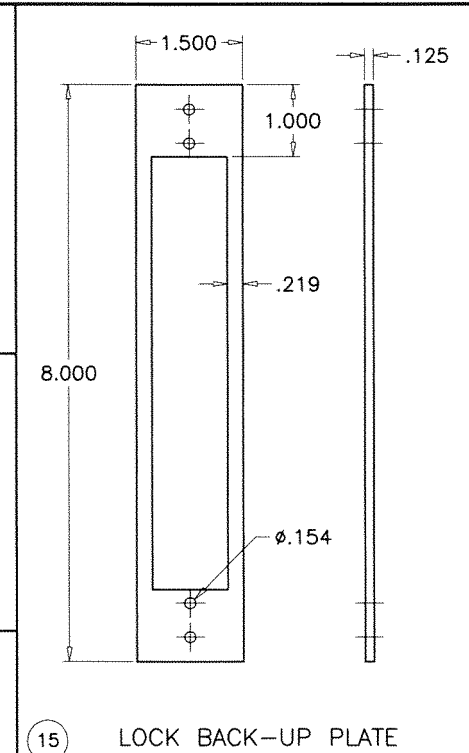
19 LEAF CLAMP
HINGE BACK-UP PLATE



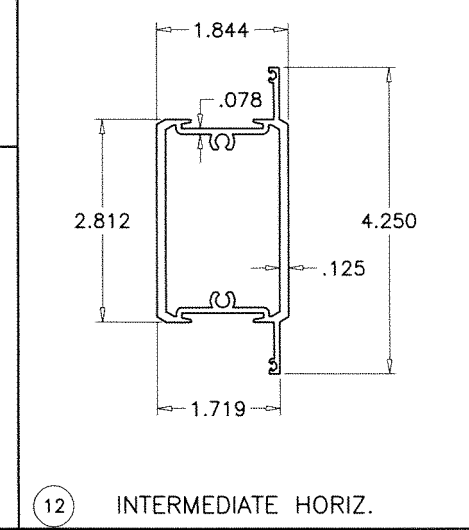
8 ASTRAGAL W'STRIP ADAPTER



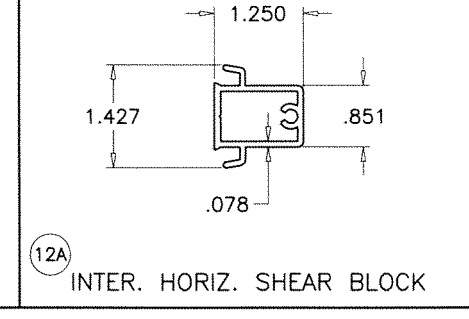
17 LEAF W'STRIP ADAPTER



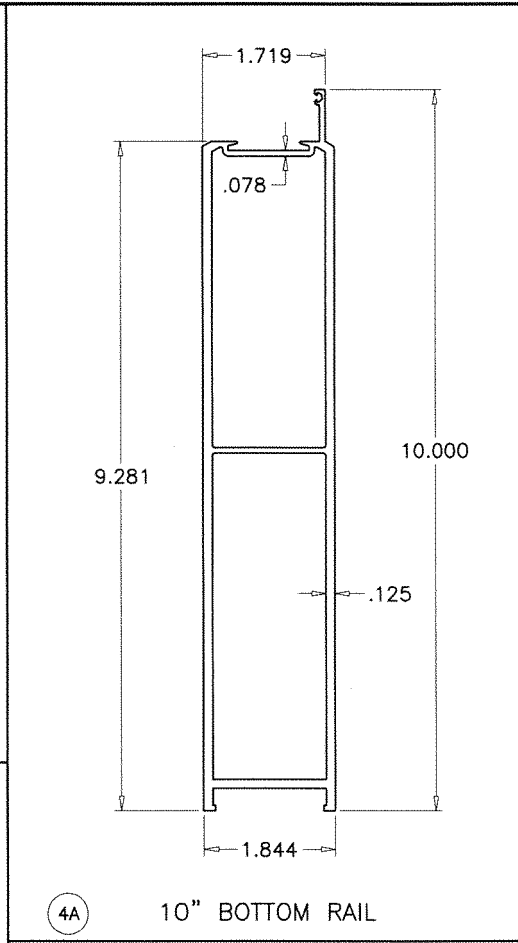
15 LOCK BACK-UP PLATE



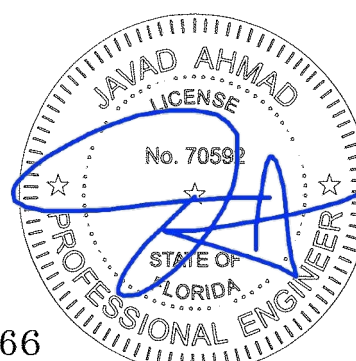
12 INTERMEDIATE HORIZ.



12A INTER. HORIZ. SHEAR BLOCK



4A 10" BOTTOM RAIL



FL #28366

Sealed 10/17/18

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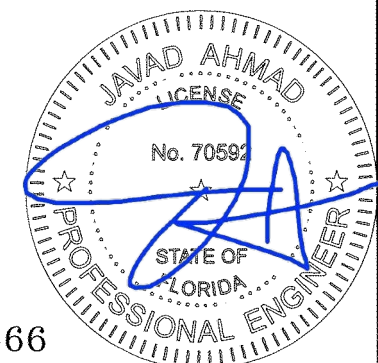
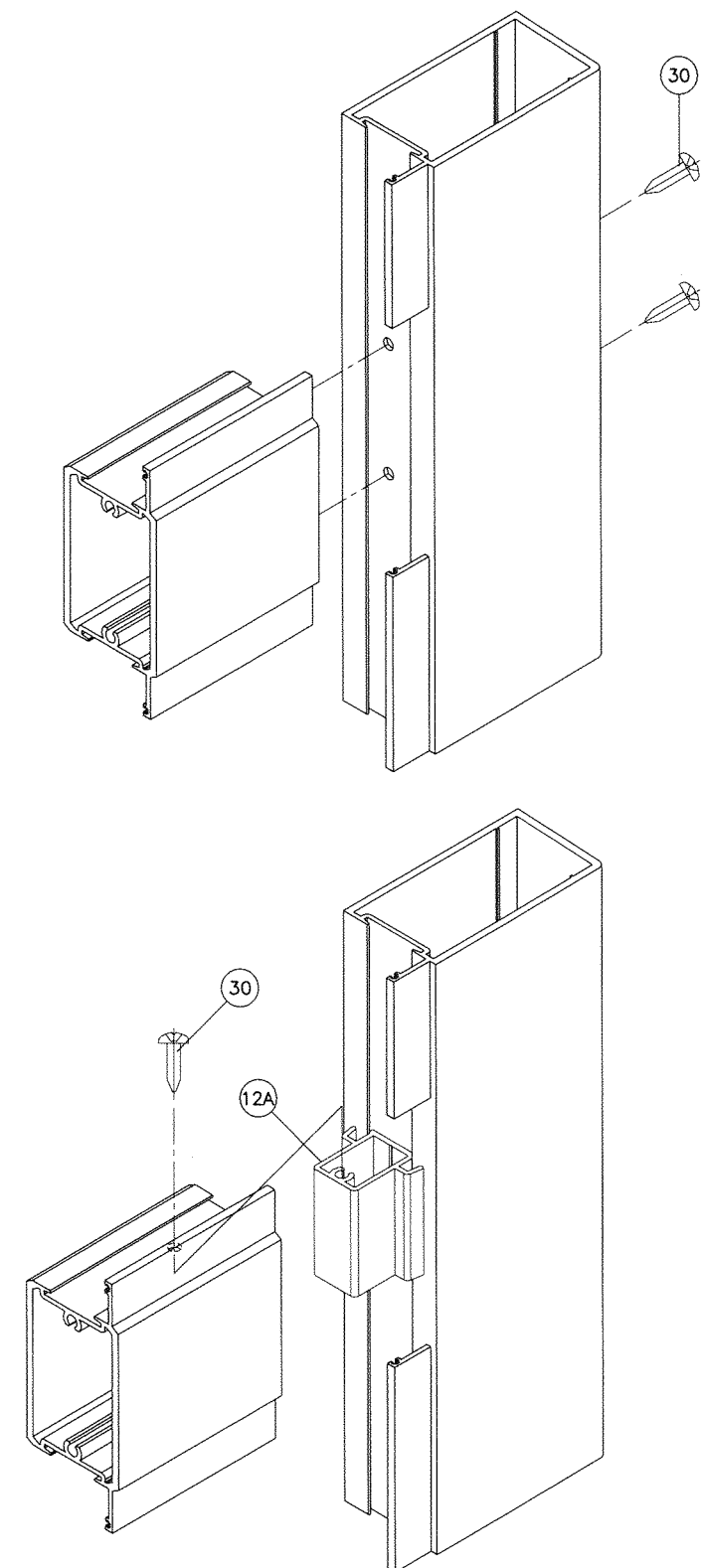
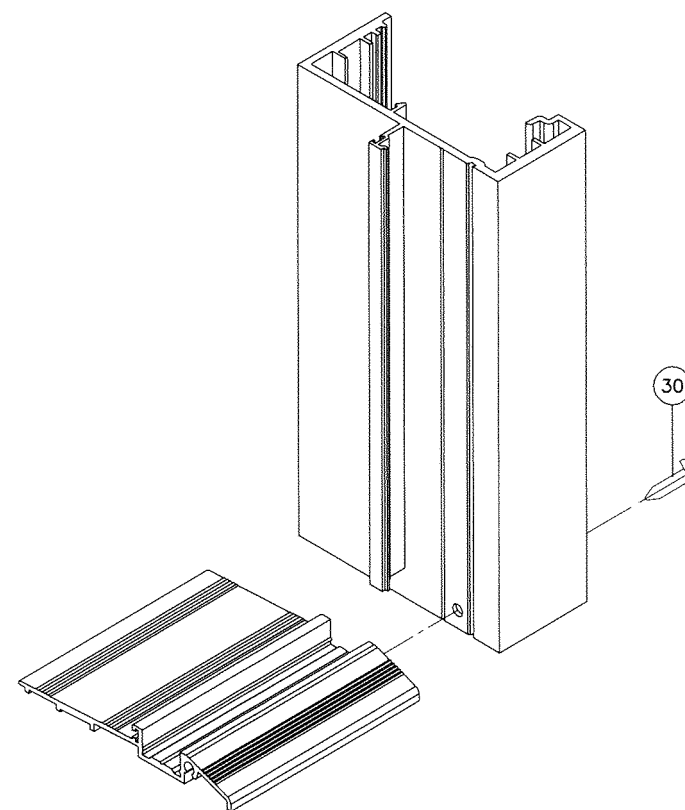
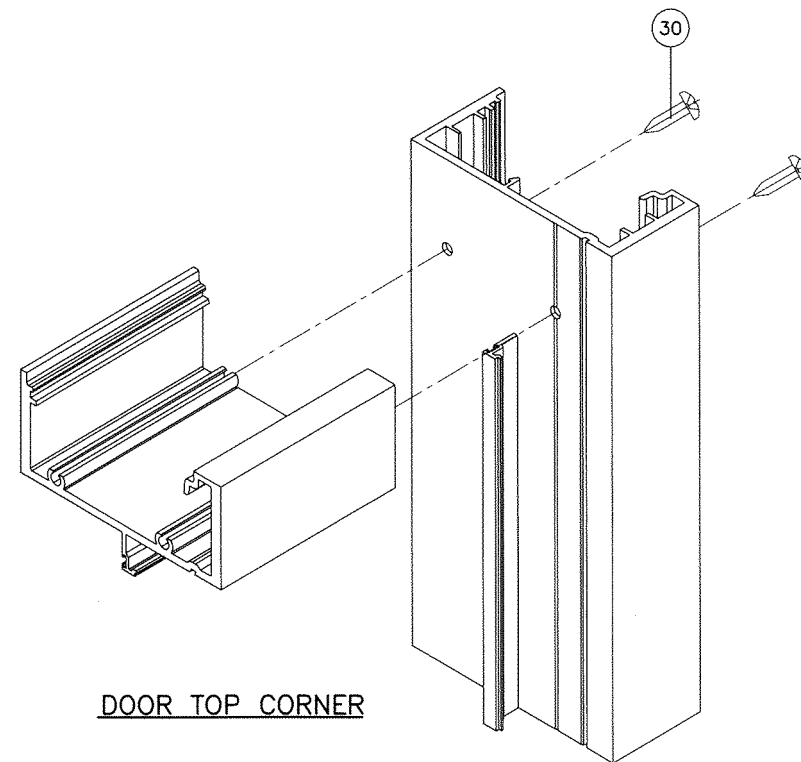
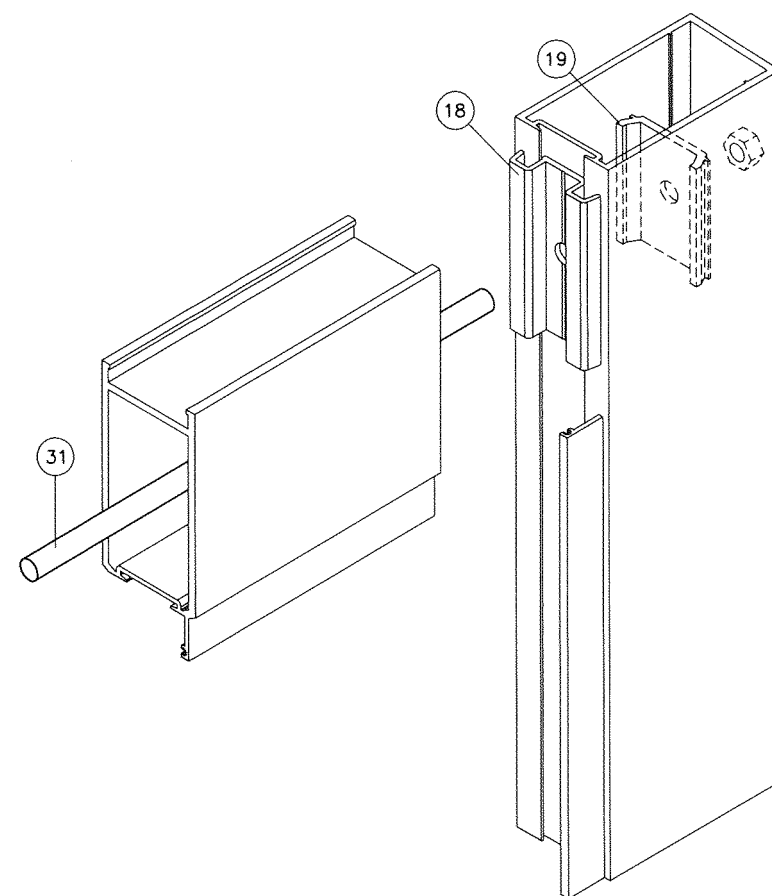
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sheet 6 of 7



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0302 N.W. 30th St.
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