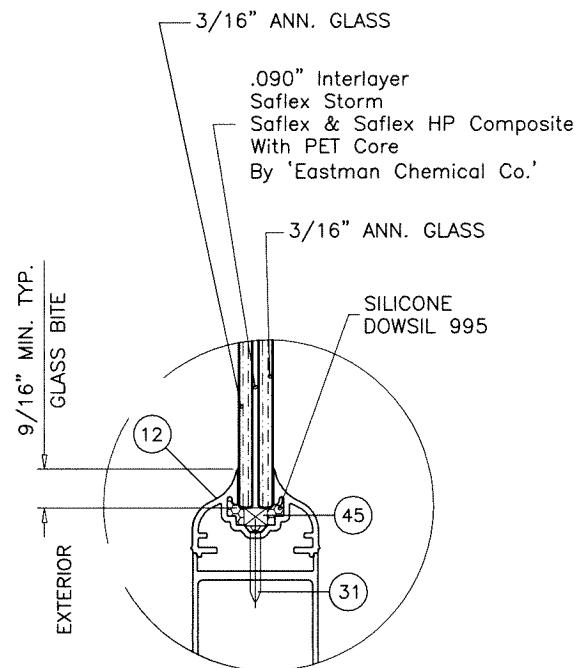




GLAZING DETAIL
7/16" OVERALL LAM. GLASS

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

**SERIES 'CONTINENTAL MULTI-FOLD'
OUTFOLDING ALUMINUM DOOR**

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL
OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023/2026 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)'.

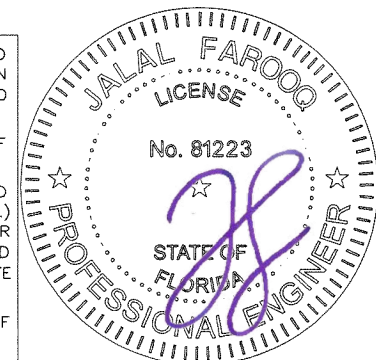
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET
CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES.
COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

Sealed: 7/15/2026

FL #22991

- 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.



'CONTINENTAL MULTI-FOLD' OUTFOLDING DOOR (L.M.I.)



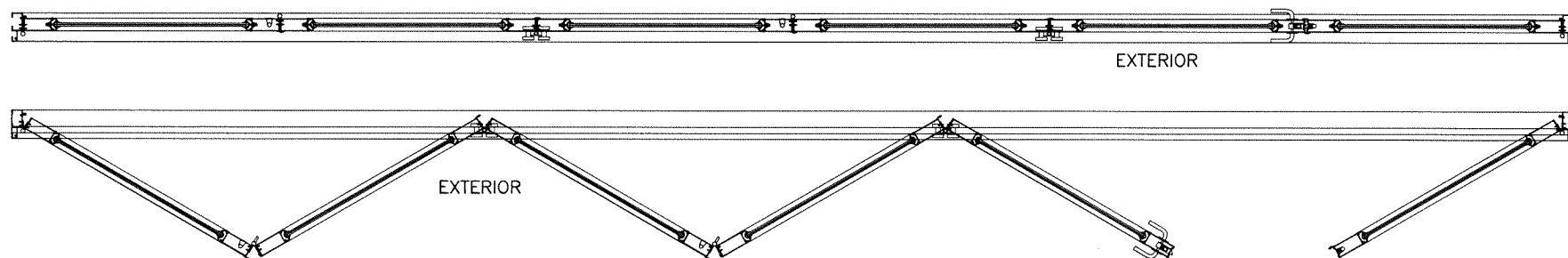
AIR MASTER
windows and doors

P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, FAX. (787) 623-0087

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

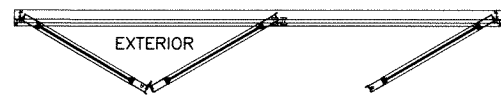
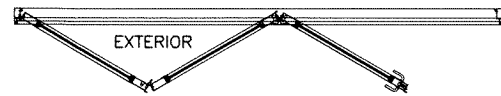
COMP-ANL\W17-68AMA

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drawing no. W17-68		A	10.06.23		UPDATED TO 2023 FBC
		B	07.13.26		UPDATED TO 2026 FBC
dr. by: TARIQ					
chk. by:					
sheet 1 of 9					



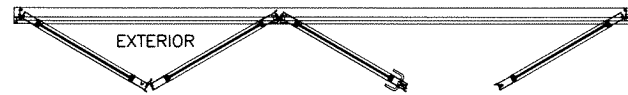
SIX PANEL DOOR CONFIGURATION WITH FOLDING AND SWING PANELS SHOWN.
DOOR MAY HAVE 3 TO 8 PANELS AS SHOWN ON SHEET 3
USING THE STILE CONFIGURATIONS SHOWN HEREIN.

date: 07-20-17		revisions:	
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dr. by: TARIQ			
chk. by:			
drawing no. W17-68			
sheet 2 of 9			



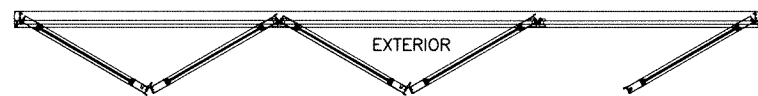
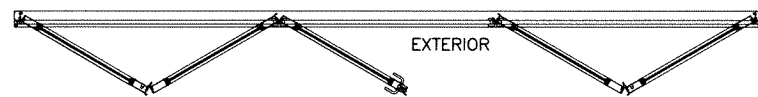
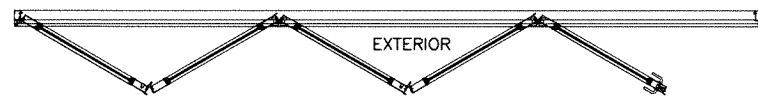
APPROVED CONFIGURATIONS

THREE (3) PANELS



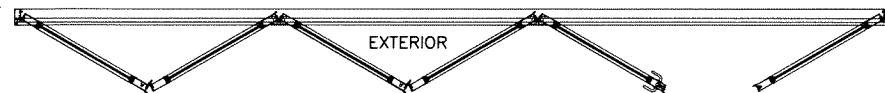
APPROVED CONFIGURATIONS

FOUR (4) PANELS



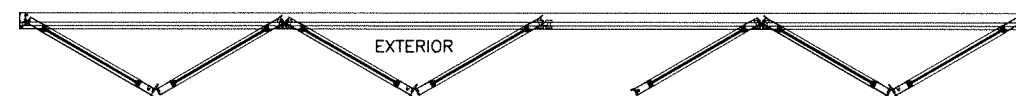
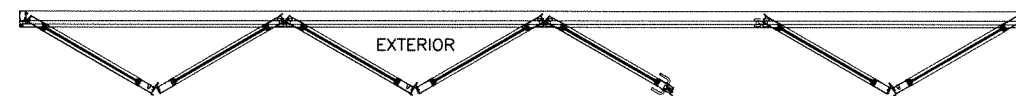
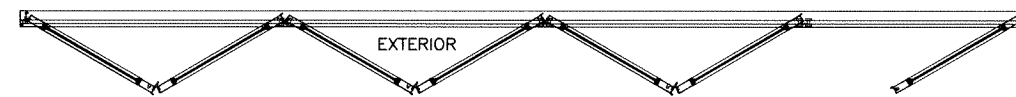
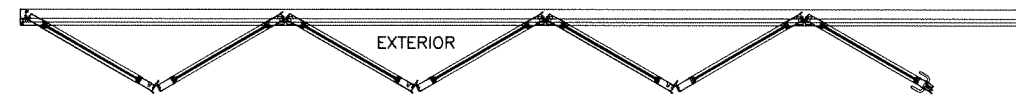
APPROVED CONFIGURATIONS

FIVE (5) PANELS



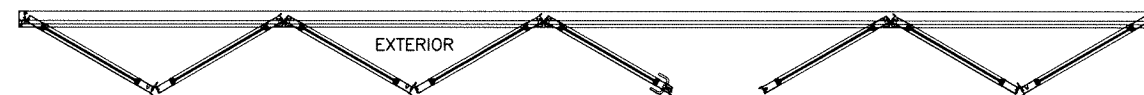
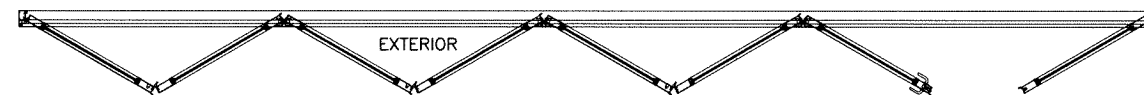
APPROVED CONFIGURATIONS

SIX (6) PANELS



APPROVED CONFIGURATIONS

SEVEN (7) PANELS



APPROVED CONFIGURATIONS

EIGHT (8) PANELS

Sealed: 7/15/2026

FL #22991



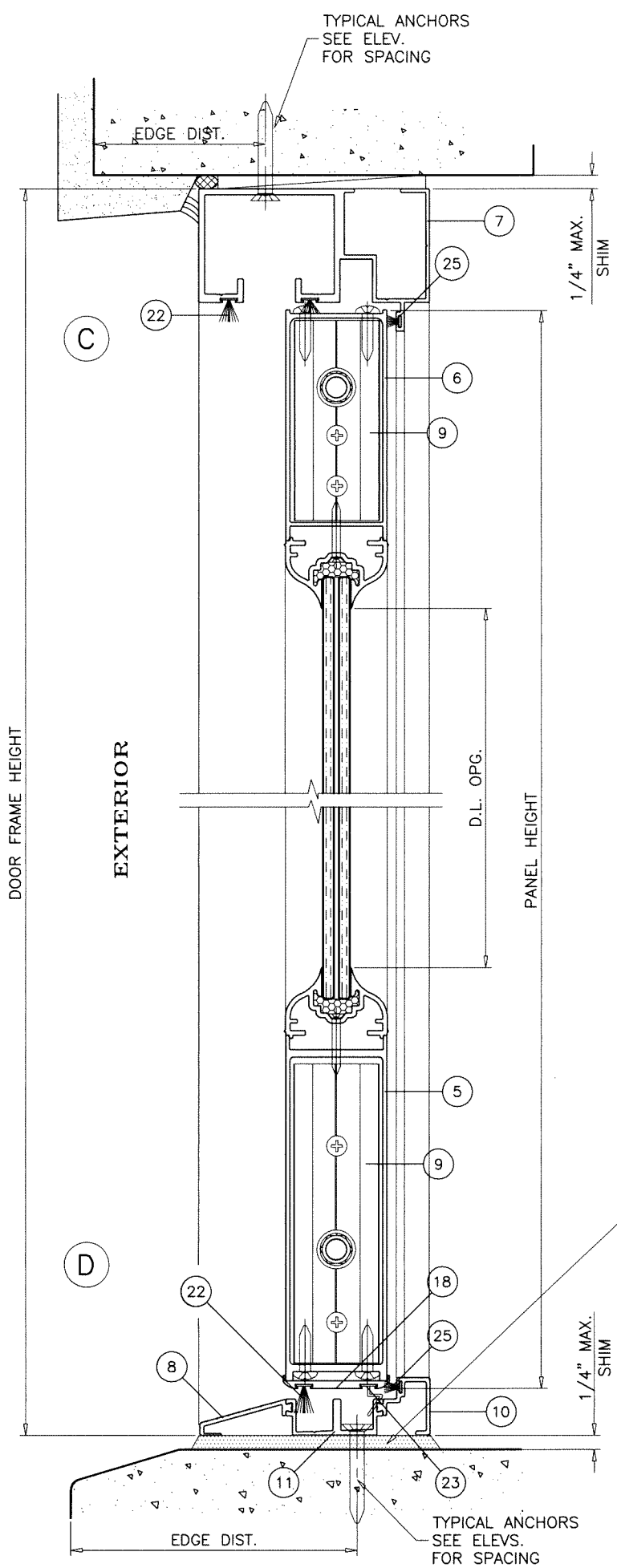
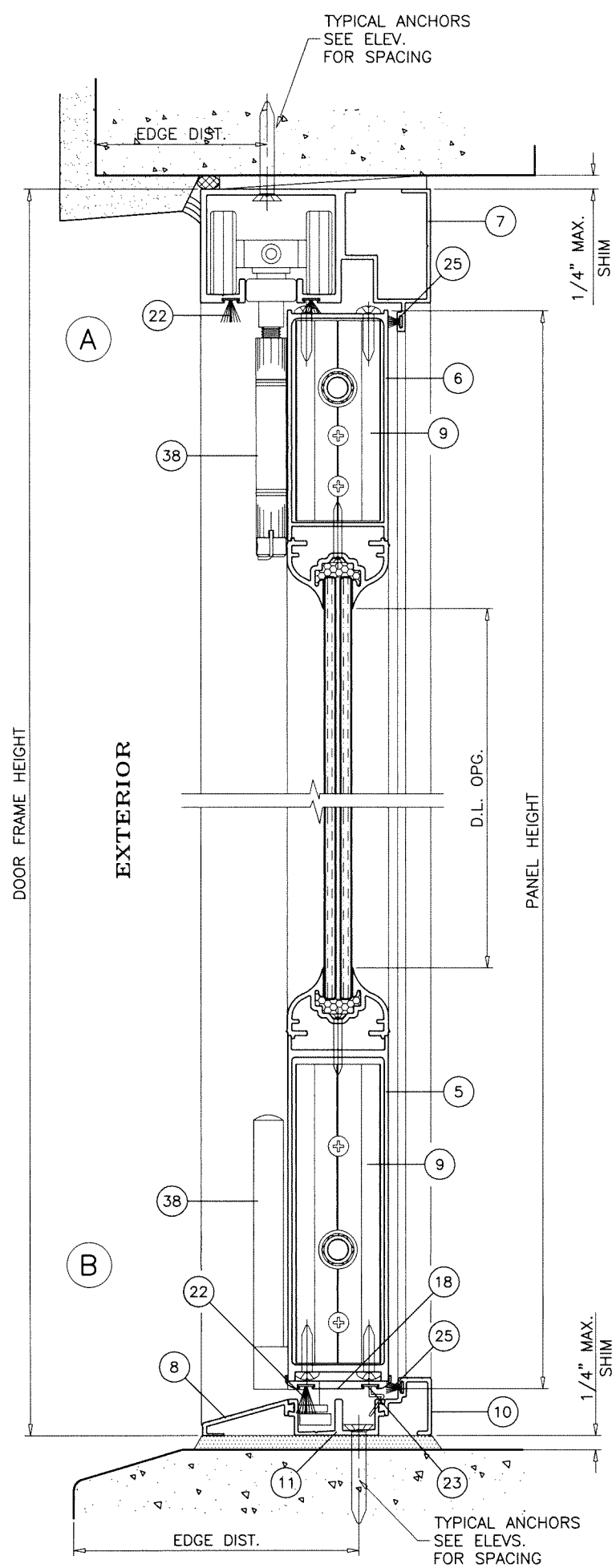
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

'CONTINENTAL MULTI-FOLD' UNFOLDING DOOR (L.M.I.)

AIR MASTER
windows and doors

P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, FAX. (787) 623-0087

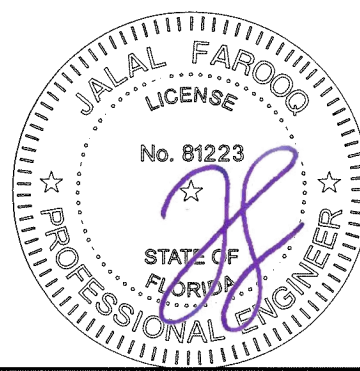
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POURED & HARDENED
HIGH STRENGTH GROUT
f'c = 5000 PSI MIN.
NOT BY 'AIR MASTER'
MUST TRANSFER SHEAR
LOADS TO STRUCTURE

LOAD BEARING
(SOLID SHIMS
OPTIONAL TO GROUT)

Sealed: 7/15/2026



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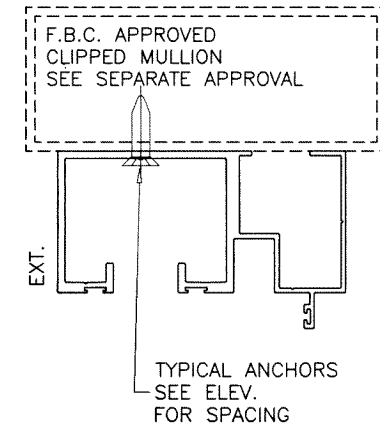
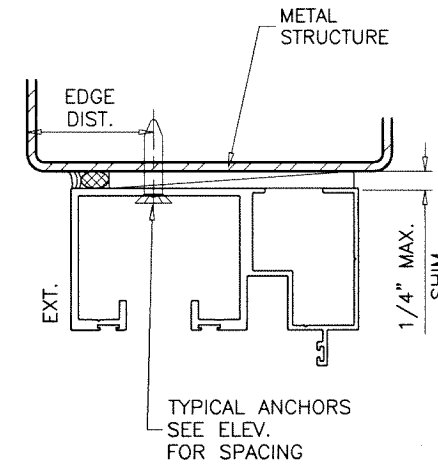
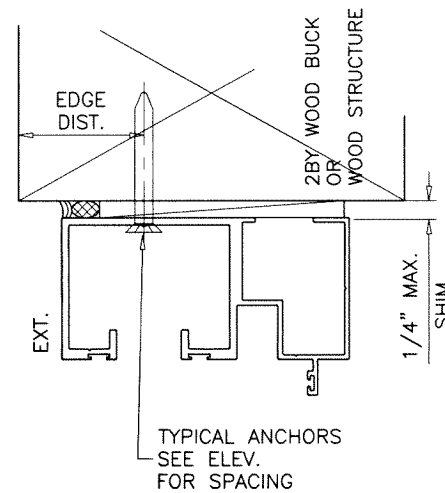
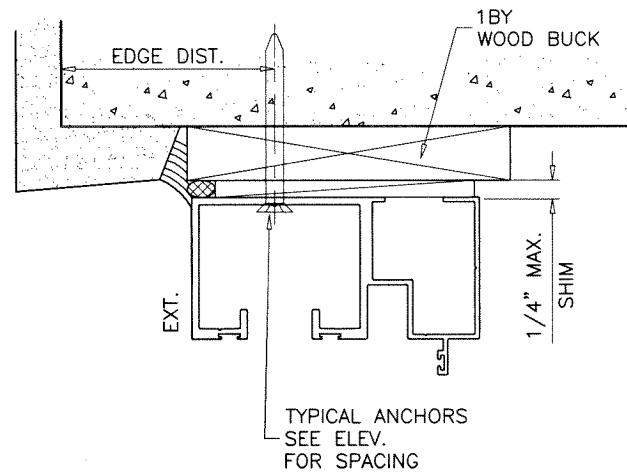
'CONTINENTAL MULTI-FOLD' OUTFOLDING DOOR (L.M.I.)

AIR MASTER
windows and doors
P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, FAX. (787) 623-0087

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date: 07-20-17
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W17-68
sheet 4 of 9



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'AIR MASTER' 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 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS

1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-1/2" 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. ($F_y = 36$ 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.

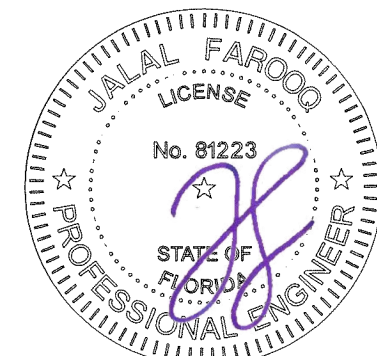
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

Sealed: 7/15/2026

FL #22991



'CONTINENTAL MULTI-FOLD' OUTFOLDING DOOR (L.M.I.)

AIR MASTER
windows and doors



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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
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no date by description

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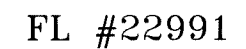
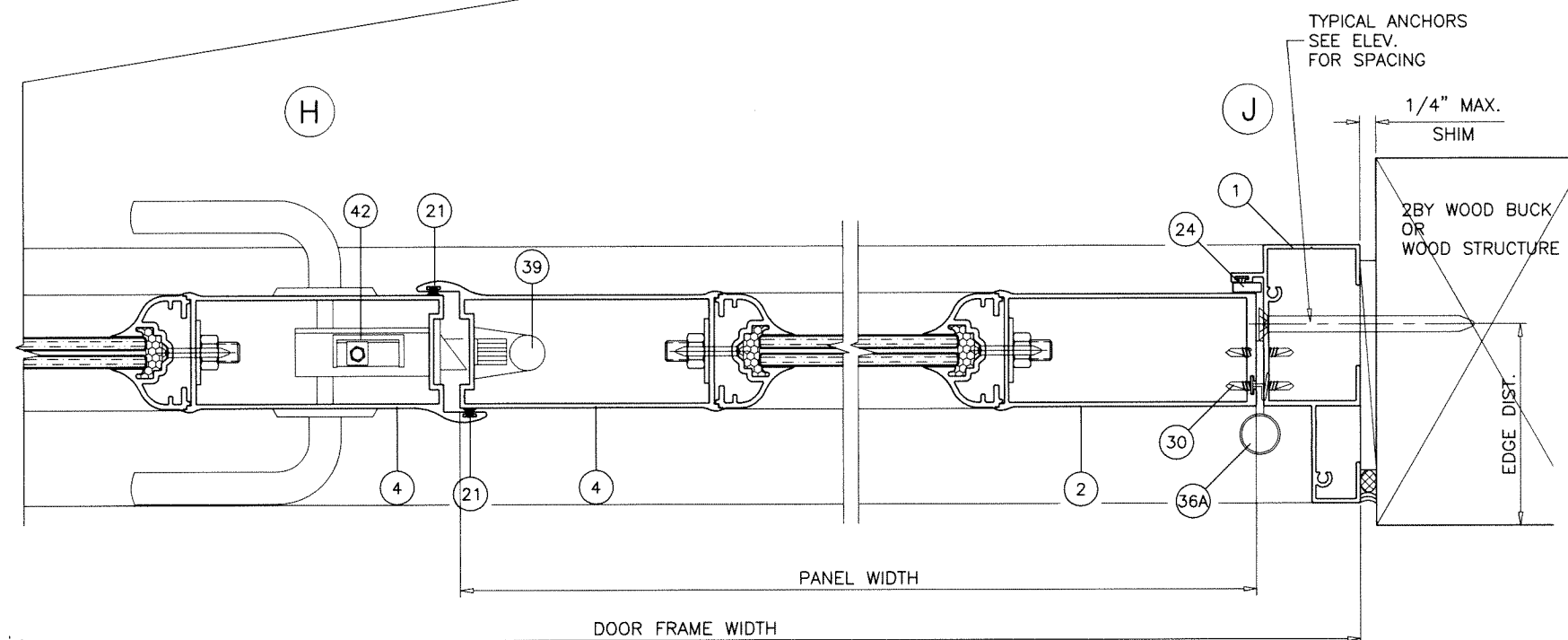
dr. by: TARIQ

chk. by:

drawing no.

W17-68

sheet 5 of 9



AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	77314	2	FRAME JAMB	6063-T5	-
2	77315	AS REQD.	DOOR STILE	6063-T5	-
3	77320	AS REQD.	ASTRAGAL STILE	6063-T5	-
4	77525	1	ASTRAGAL STILE (LOCK)	6063-T5	-
5	76702	AS REQD.	BOTTOM RAIL	6063-T5	-
6	77554	AS REQD.	TOP RAIL	6063-T5	-
7	77310	AS REQD.	TOP TRACK	6063-T5	-
8	77317	AS REQD.	BOTTOM TRACK ADAPTER (EXTERIOR)	6063-T5	-
9	11081	AS REQD.	CORNER LOCK	6063-T5	-
10	77319	AS REQD.	BOTTOM TRACK ADAPTER (INTERIOR)	6063-T5	-
11	77318	AS REQD.	BOTTOM TRACK	6063-T5	-
12	13038	AS REQD.	GLASS ADAPTER	6063-T5	-
17	11080	AS REQD.	BOLT GUIDE	6063-T5	-
18	13020	AS REQD.	W'STRIP ADAPTER	6063-T5	-
21	96823	AS REQD.	PILE W'STRIPPING (.187" X .170")	WOOL	ULTRAFAB
22	96824	AS REQD.	PILE W'STRIPPING) .270" X .50"	WOOL	ULTRAFAB
23	96981	AS REQD.	LEAF W'STRIPPING (QEZ 447-2)	VINYL	SCHLEGEL
24	96980	AS REQD.	BULB W'STRIPPING	VINYL	MSW
25	22438	AS REQD.	W'STRIPPING (1830)	WOOL	ULTRAFAB
26	76657	AS REQD.	3/8" DIA. THREADED ROD	ST. STEEL	-
27	95612	AS REQD.	3/8" HEX NUT	ST. STEEL	-
28	95492	AS REQD.	FLAT WASHER	ST. STEEL	-
29	95493	AS REQD.	PRESSURE WASHER	ST. STEEL	-
30	95691	AS REQD.	HING INSTALLATION FASTENERS	ST. STEEL	10-24 X 5/8" FH SELF DRILLING
31	-	AS REQD.	GLASS ADAPTER FASTENERS, AT 3' FROM ENDS & 9" O.C.	ST. STEEL	#8 X 1-1/4" FH SELF DRILLING
32	-	AS REQD.	ASSEMBLY FASTENERS	ST. STEEL	#12 X 3/4" PH SELF DRILLING
33	-	2/ CORNER	FRAME ASSEMBLY FASTENERS	ST. STEEL	#10 X 1-1/4" FH SELF DRILLING
35	-	AS REQD.	CORNER BLOCK FASTENERS	ST. STEEL	10-32 X 3/4" FH SELF DRILLING
36	76571	AS REQD.	HINGES	ST. STEEL	CENTOR
36A	76565	AS REQD.	BUTT HINGES (4X4)	ST. STEEL	SAL'S HARDWARE
37	76568	AS REQD.	HINGE HANDLE SET	ST. STEEL	CENTOR
38, 38A	76569	AS REQD.	INTERMEDIATE CARRIER SET	ST. STEEL	CENTOR
39	76523	AS REQD.	FLUSH BOLTS	-	-
42	34501K	1	MULTI POINT LOCK	-	ATZ
45	96900	2/ LITE	SETTING BLOCKS AT 1/4 POINTS (1/4" X 1/4" X 1" LONG)	EPDM	DUROMETER 80±5 SHORE A

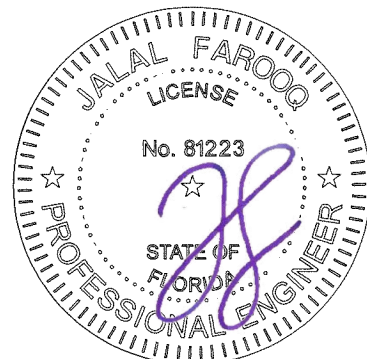
Hardware				
Quantity	Description	Distance	Location	Method of attachment
2 sets	Centor E3CICSS Intermediate Carrier Set with product marking Centor	2-1/2" from both top and bottom to hinge center	Attached between panels 2 and 3, 4 and 5 on active side from left to right	(7) of #10-32 x 3/4" Phi F/H S/S Teck Screws
2 sets	Centor E3HSS Hinge set with Handle with product marking Centor	4-3/8" from both top and bottom to hinge center and the handle 34-1/8" from bottom to hinge center	Attached between panels 1 and 2, 3 and 4 on active side from left to right	(7) of #10-32 x 3/4" Phi F/H S/S Teck screws
4	Centor E3HNHS Single Straight with product marking Centor	34-1/8" from top to hinge center	Attached between every two panels on active side two panels on active side	(7) of #10-32 x 3/4" Phi F/H S/S Teck screws
8	4" S/S Butt Hinges	2-1/2" from both top and bottom to hinge center and two at 32-7/8" from top and bottom to hinge center	Attached between panel 1 and left frame jamb on active side and on right side of the inactive panel	(8) of #10-32 x 3/4" Phi F/H S/S Teck screws
6	1/8" backset manually operated Flush Bolt Satin Nickel	11-7/8" from the bottom to flush bolt center, and 20-3/4" from top to flush bolt center	From left to right on the active side, on the right side of panels 1 and 3 and on left side of inactive panel	(2) of #8 x 1/2" Phi F/H S/S screws
1	Multipoint lock system with cylinder, lock handles and strikeplate	40" from bottom to cylinder center	On the right side of panel 5, active side	(2) #10x 24 x 5/8" Phi F/H S/S screws

SEALANTS:

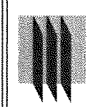
ALL FRAME AND PANEL JOINTS AND SEAMS SEALED WITH PACIFIC GLOBAL SILICONE SEALANT.

Sealed: 7/15/2026

FL #22991



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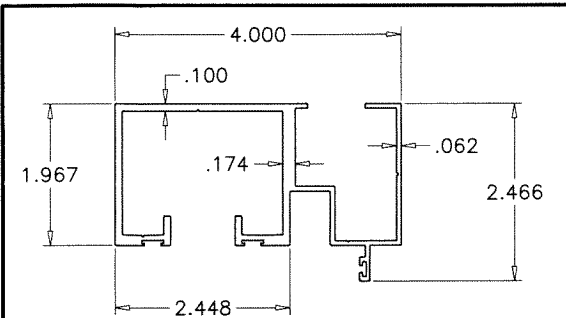
**AIR MASTER**
windows and doors
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revisions:
no date by description

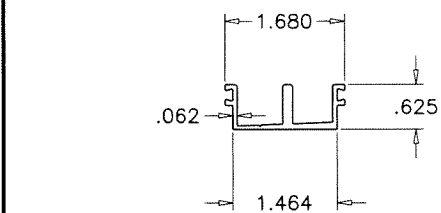
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chk. by:

drawing no.
W17-68
sheet 7 of 9

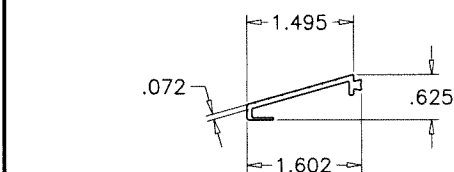
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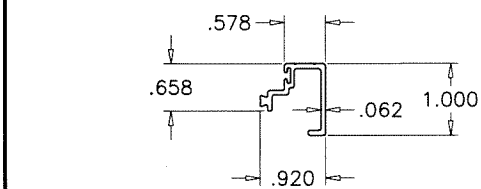
7 TOP TRACK



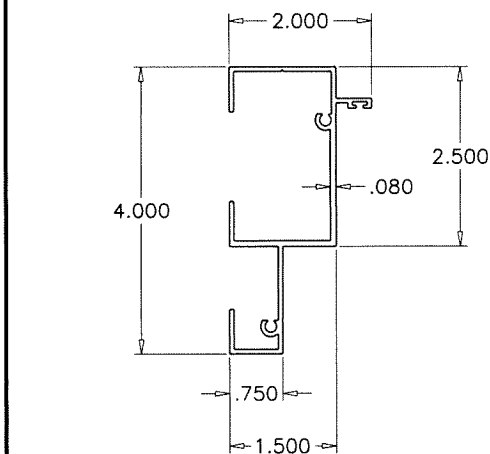
11 BOTTOM TRACK



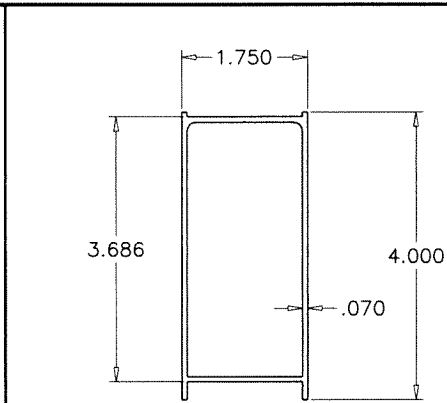
8 BOTTOM TRACK ADAPTER (EXTERIOR)



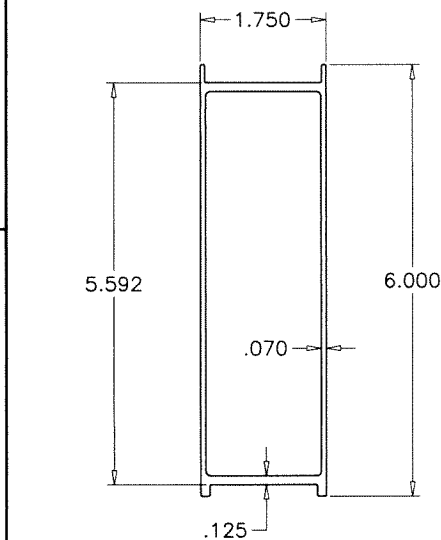
10 BOTTOM TRACK ADAPTER (INTERIOR)



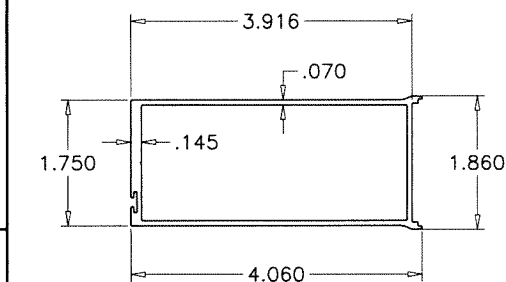
1 FRAME JAMB



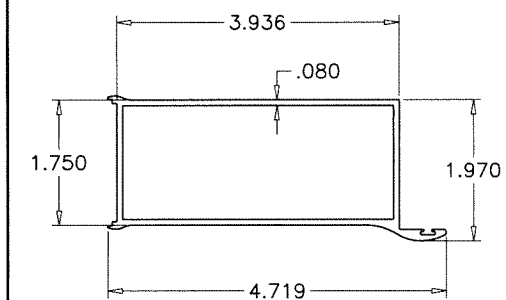
6 TOP RAIL



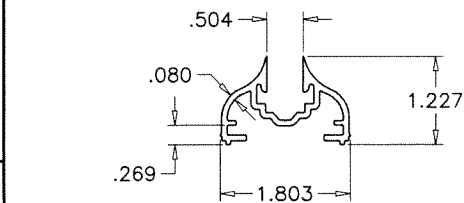
5 BOTTOM RAIL



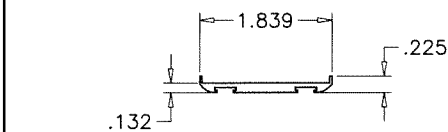
2 HING STILE (FOLDING LEAF)



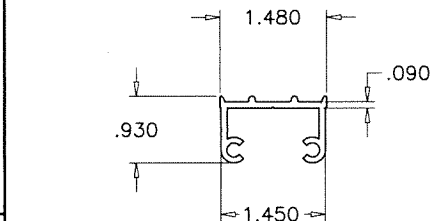
3 ASTRAGAL STILE (FOLDING LEAF)



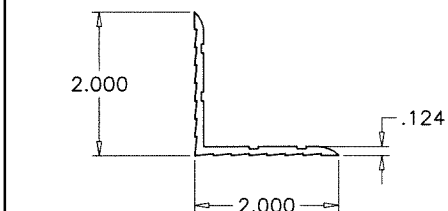
12 GLASS ADAPTER



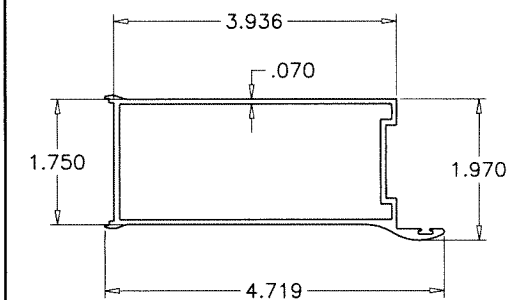
18 W'STRIP ADAPTER



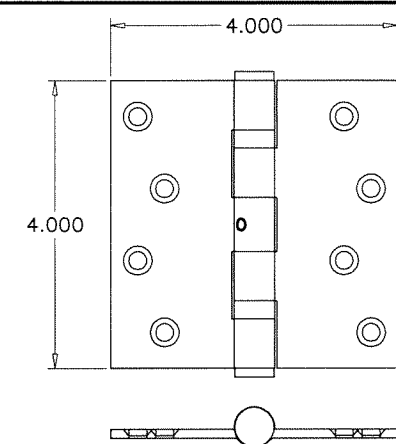
9 CORNER LOCK



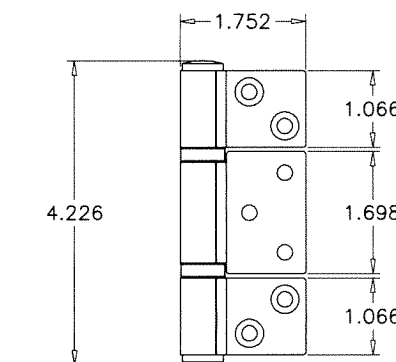
17 BOLT GUIDE



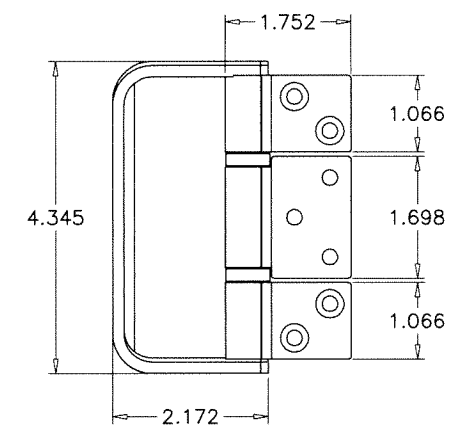
4 ASTRAGAL STILE (OUTSWING LEAF)



36A HINGE

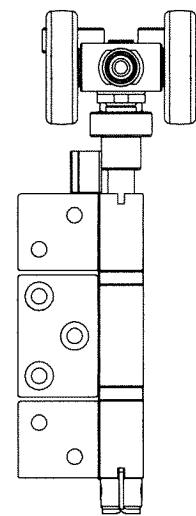


36 INTERMEDIATE HINGE



37 INTERMEDIATE HANDLE HINGE

38



38A HINGERS SET

Sealed: 7/15/2026

FL #22991



af c
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revisions:	no	date	by	description
date:	07-20-17			
scale:	3/8" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W17-68			
sheet	8 of 9			

