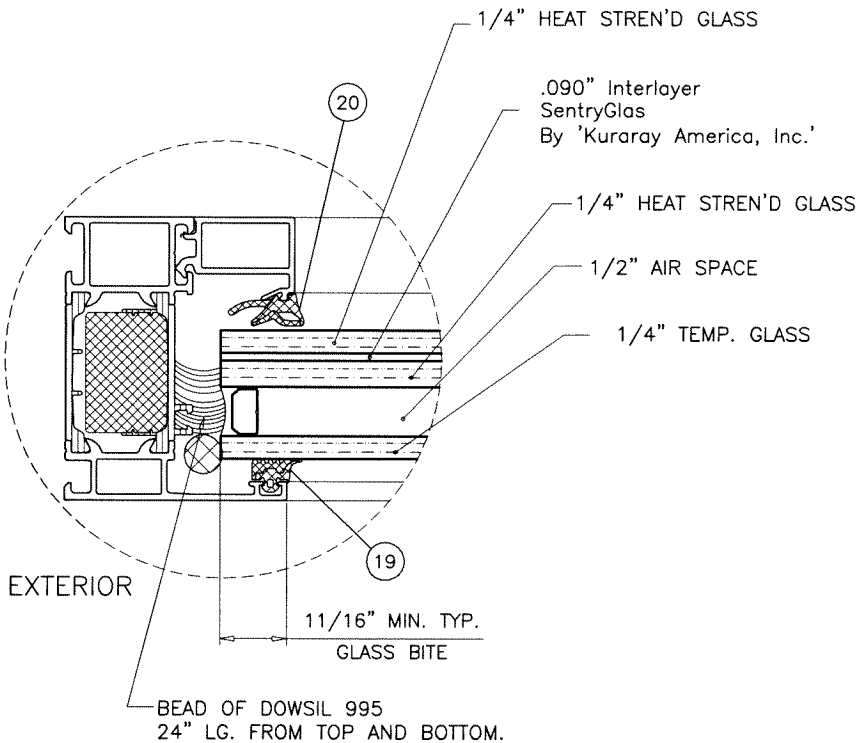
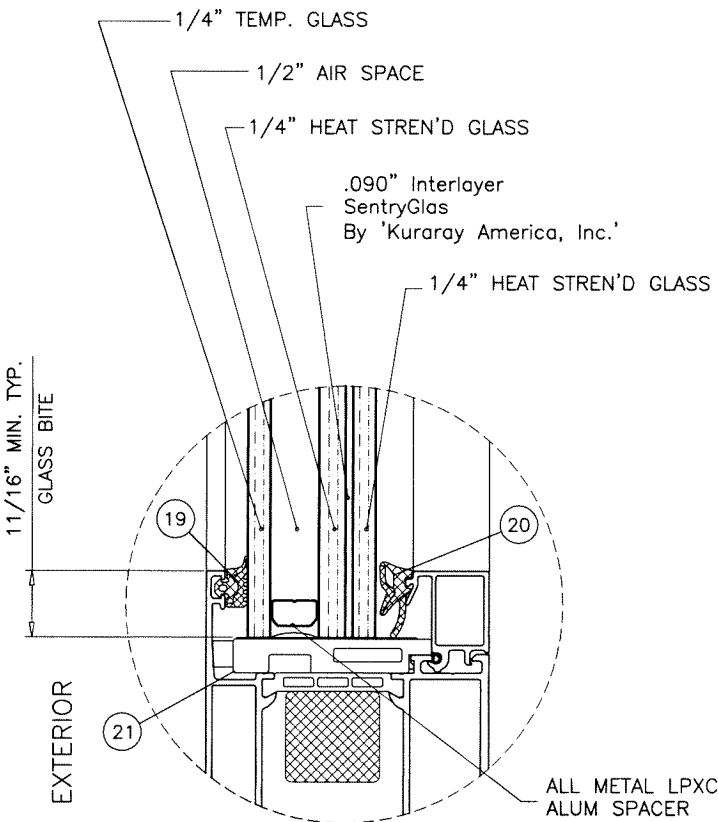


*** USE OF THIS PRODUCT REQUIRES WRITTEN AUTHORIZATION BY PAGEN SP
TO THE BUILDING DEPARTMENT WHEN APPLYING FOR A PERMIT ***



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

SERIES AWS 70.HI / 75.SI+ OUTSWING TERRACE DOOR

APPROVAL APPLIES TO SINGLE UNITS
CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/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 2020/2023 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.

JAMB ANCHOR SPACING (INCHES)	
PRESSURE (PSF)	TYPE A & B
55	12-1/2"
70	9-3/4"

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

GLASS TYPE '1'
1-5/16" OVERALL INSUL. LAM. GLASS

Sealed: 8/14/2023

INSUL. LAM. GLASS
LARGE MISSILE IMPACT
FL # 42038

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
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\23-22F-PSZ

SERIES AWS 70.HI/75.SI+ OUTSWING TERRACE DOOR (L.M.I.)

PAGEN Sp. z o.o.
Gnojnik 699
32-864 Gnojnik, Poland
Phone: +48 14 63 93 130
www.pagen.pl/en

no	date	by	description
A	08.10.23		UPDATED TO 2023 FBC

date: 04-12-23

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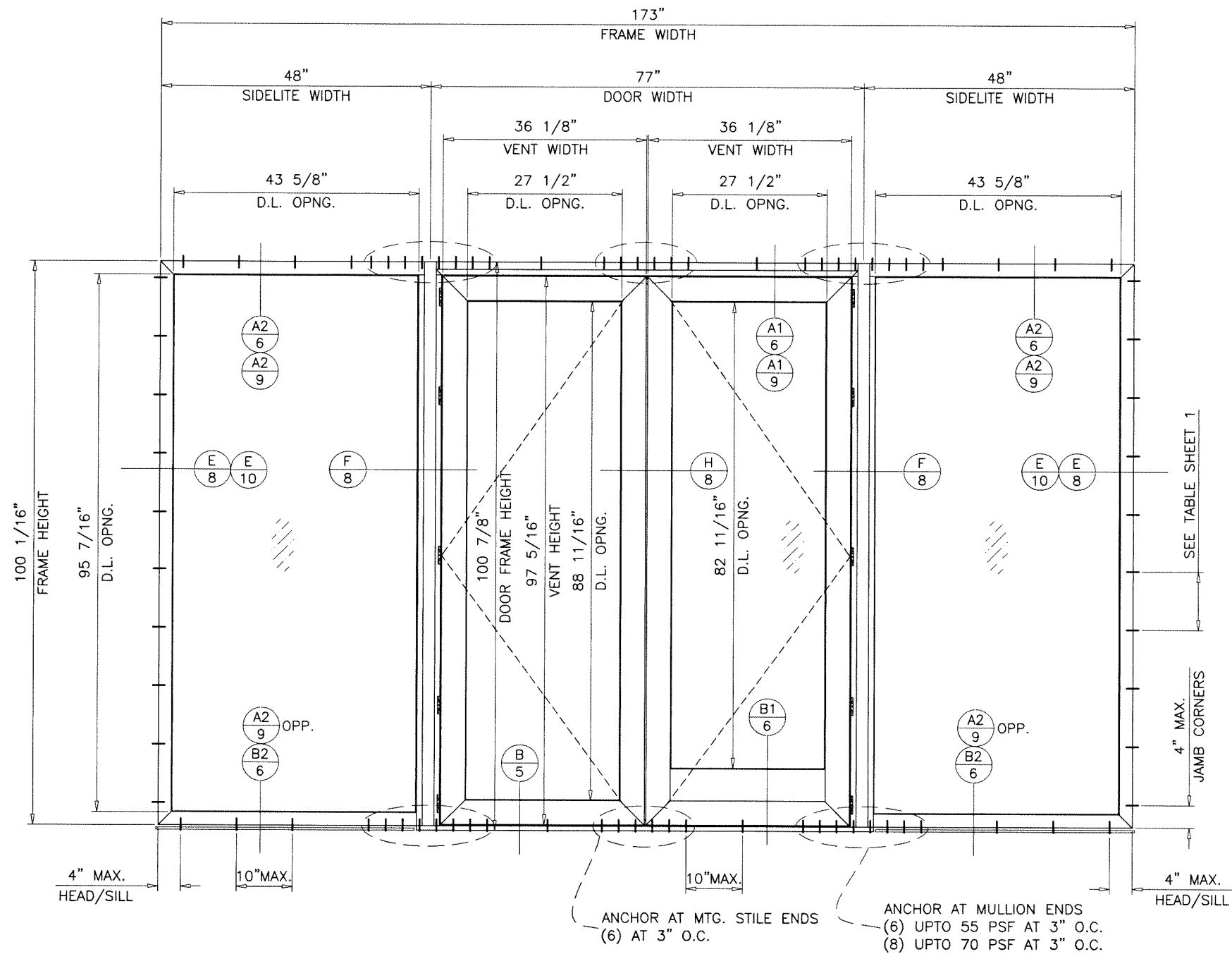
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chk. by:

drawing no.

23-22F

sheet 1 of 13



TYPICAL ELEVATION
TESTED UNIT

DOOR LOAD CAPACITY - PSF		
DOUBLE DOOR W/ SIDELITE (0XX0)		
DOOR WIDTH	FRAME HEIGHT (W/ HEADER ADAPTER)	EXT.(+) INT.(-)
77"	100-7/8"	60.0
	93-1/16"	65.0
	86-7/16"	70.0

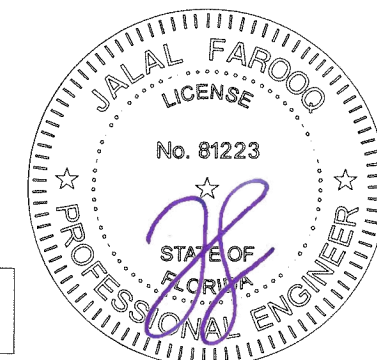
NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

NOTES:
1. USE CHART ON THIS SHEET FOR DOOR CAPACITY IN COMBINATION WITH SIDELITE.
2. FOR SIDELITE CAPACITY SE CHART ON SHEET # 4.

LOWER VALUES FROM STEPS 1 AND 2 WILL APPLY TO ENTIRE SYSTEM.

Sealed: 8/14/2023

INSUL. LAM. GLASS
LARGE MISSILE IMPACT



FL # 42038

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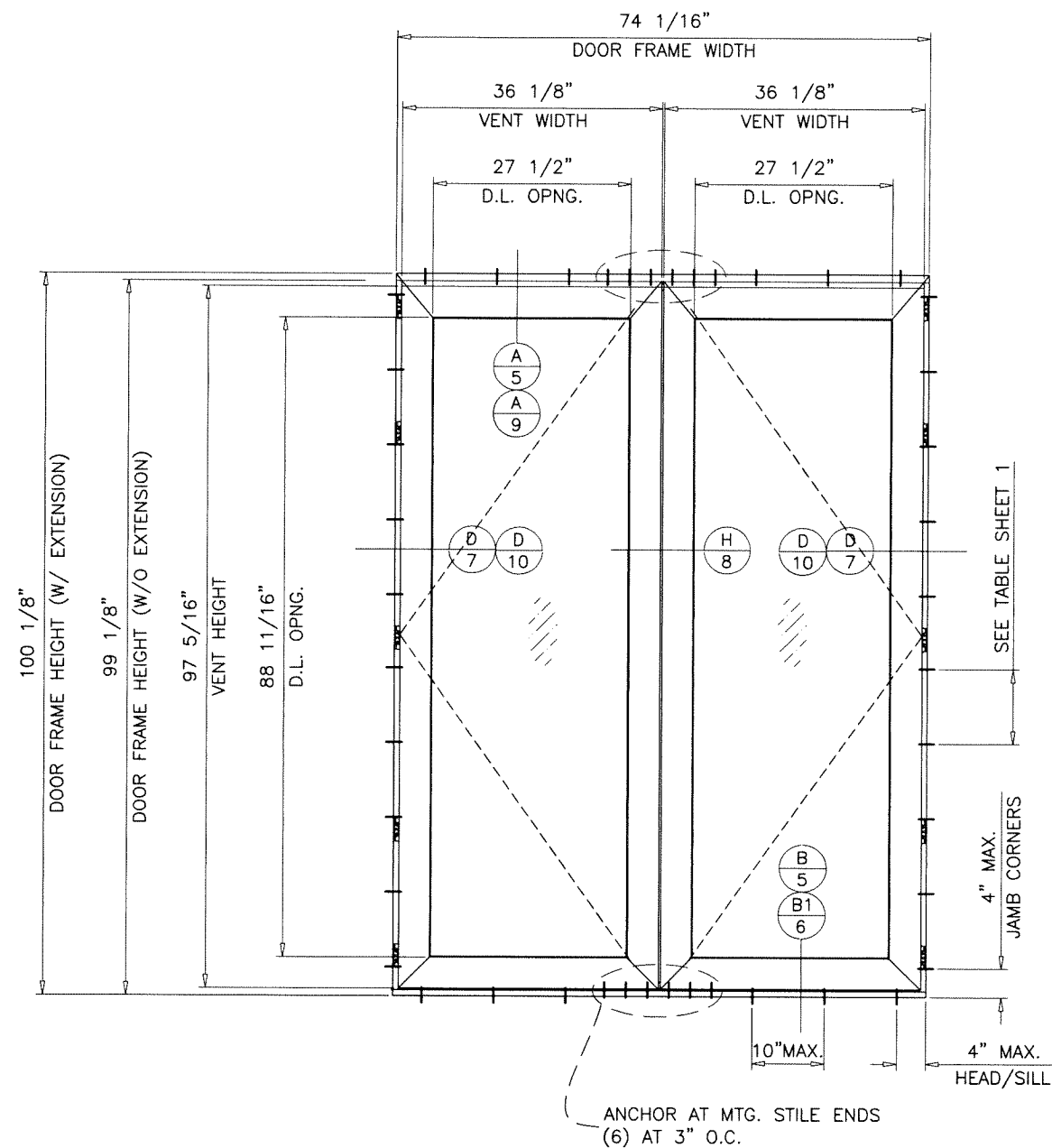
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drawing no.
23-22F

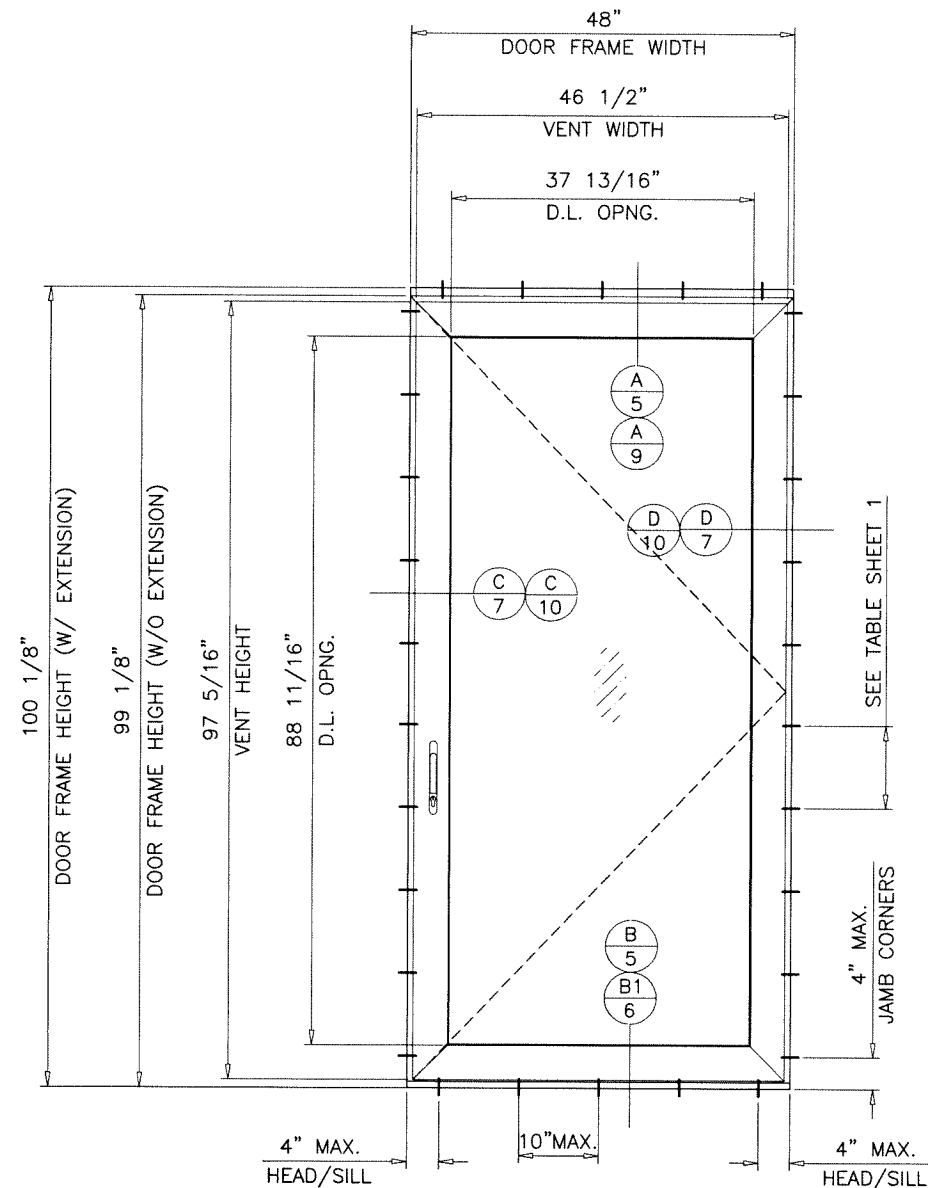
sheet 2 of 13

COMP-ANL\23-22F-PSZ



DOOR LOAD CAPACITY - PSF		
DOUBLE DOOR (XX)		
DOOR WIDTH	FRAME HEIGHT (W/ EXTENSION)	EXT.(+) INT.(-)
74 - 1/16"	100-1/8"	60.0
	92-5/16"	65.0
	85-11/16"	70.0

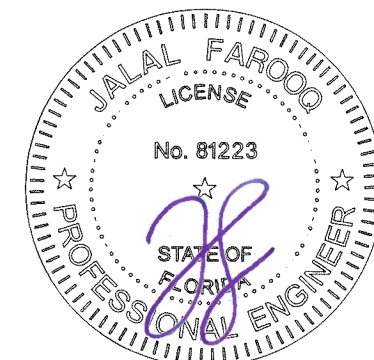
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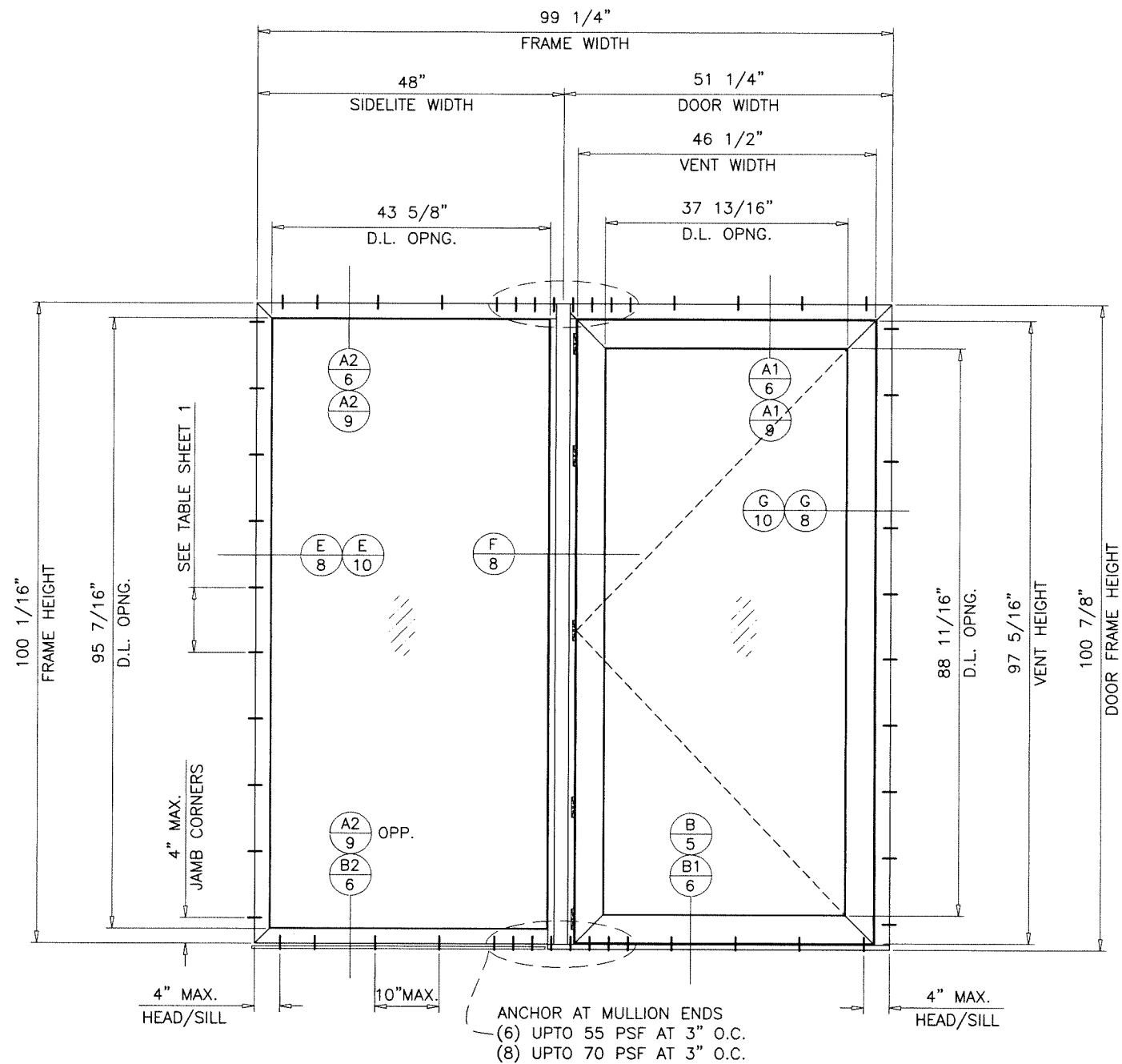
DOOR LOAD CAPACITY - PSF		
SINGLE DOOR (X)		
DOOR WIDTH	FRAME HEIGHT (W/ EXTENSION)	EXT.(+) INT.(-)
48"	100-1/8"	70.0

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INSUL. LAM. GLASS
LARGE MISSILE IMPACT



FL # 42038



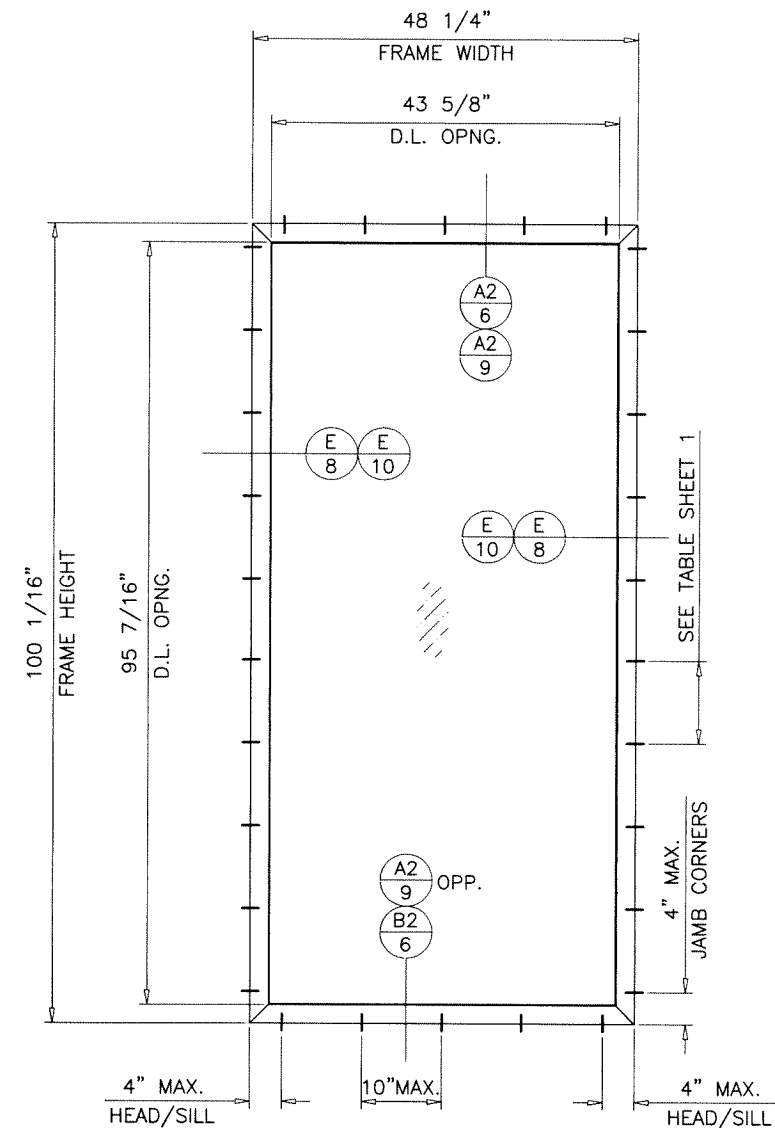
DOOR LOAD CAPACITY - PSF		
SINGLE DOOR W/ SIDELITE (OX)		
DOOR WIDTH	FRAME HEIGHT (W/ HEADER ADAPTER)	EXT.(+) INT.(-)
51-1/4"	100-7/8"	70.0

NOTE:
INTERPOLATION BETWEEN WIDTHS
ALLOWED.

NOTES:

1. USE CHART ON THIS SHEET FOR DOOR CAPACITY IN COMBINATION WITH SIDELITE.
2. FOR SIDELITE CAPACITY SE CHART ON SHEET # 4.

LOWER VALUES FROM STEPS 1 AND 2
WILL APPLY TO ENTIRE SYSTEM.

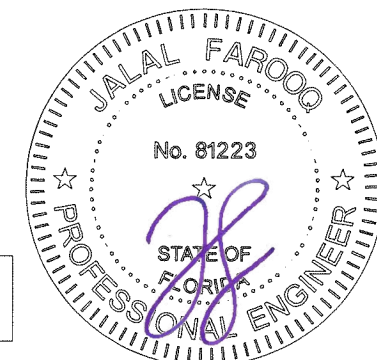


DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '1'
HEIGHT	WIDTH	EXT.(+) INT.(-)
72"	36"	70.0
	42"	70.0
	48"	70.0
	54"	62.5
	60"	53.3
	66"	51.2
84"	36"	70.0
	42"	70.0
	48"	70.0
	54"	62.5
90"	36"	70.0
	42"	70.0
	48"	70.0
96"	36"	70.0
	42"	70.0
	48"	70.0
100-1/16"	48-1/4"	70.0
102"	36"	70.0
	42"	70.0
108"	36"	70.0
	42"	70.0

NOTE:
CHART APPLIES TO FIXED WINDOW
PORTION ONLY. WIDTH AND HEIGHT
DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY

NOTE:
INTERPOLATION BETWEEN WIDTHS
ALLOWED.

FL # 42038



Sealed: 8/14/2023

INSUL. LAM. GLASS
LARGE MISSILE IMPACT

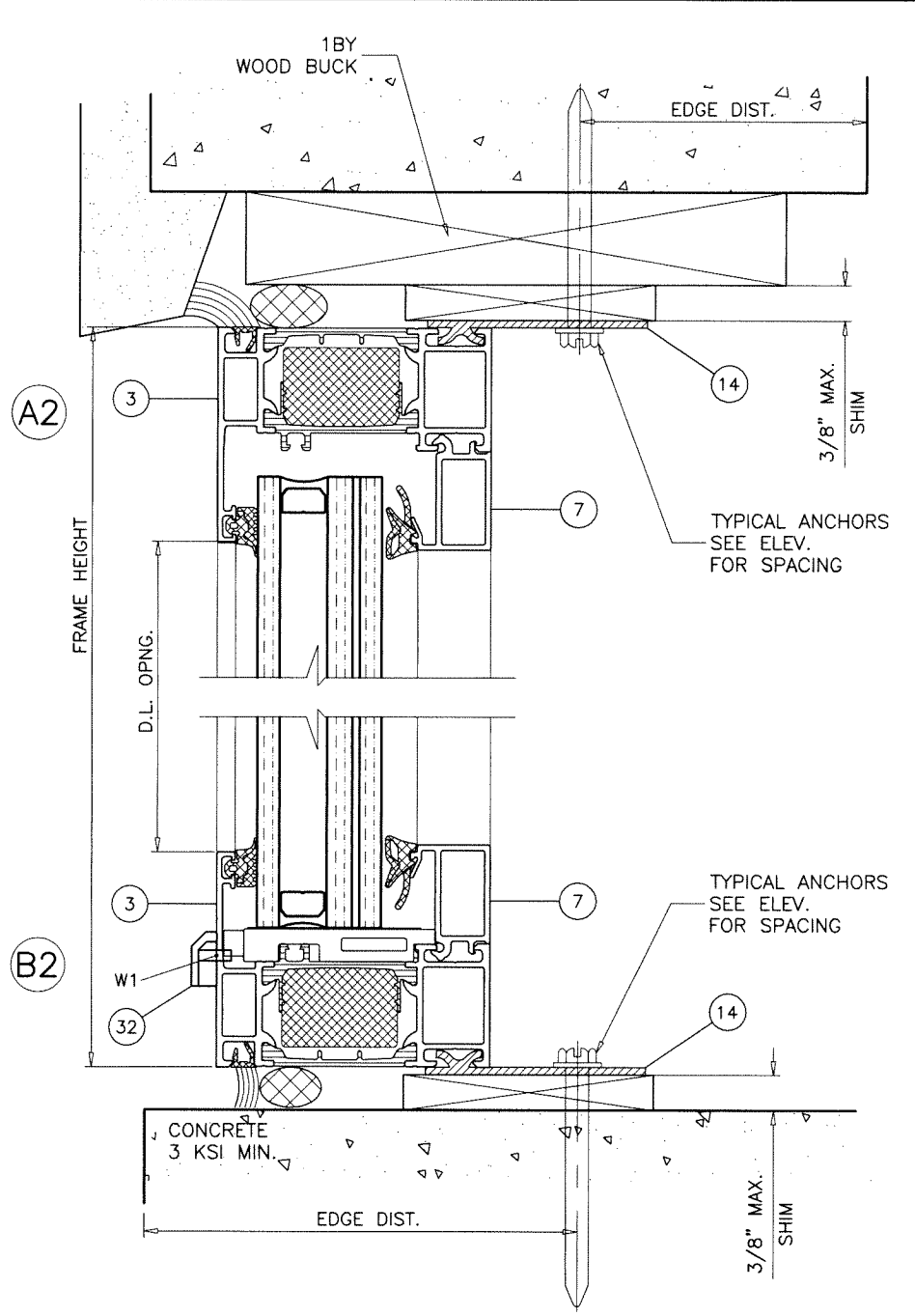
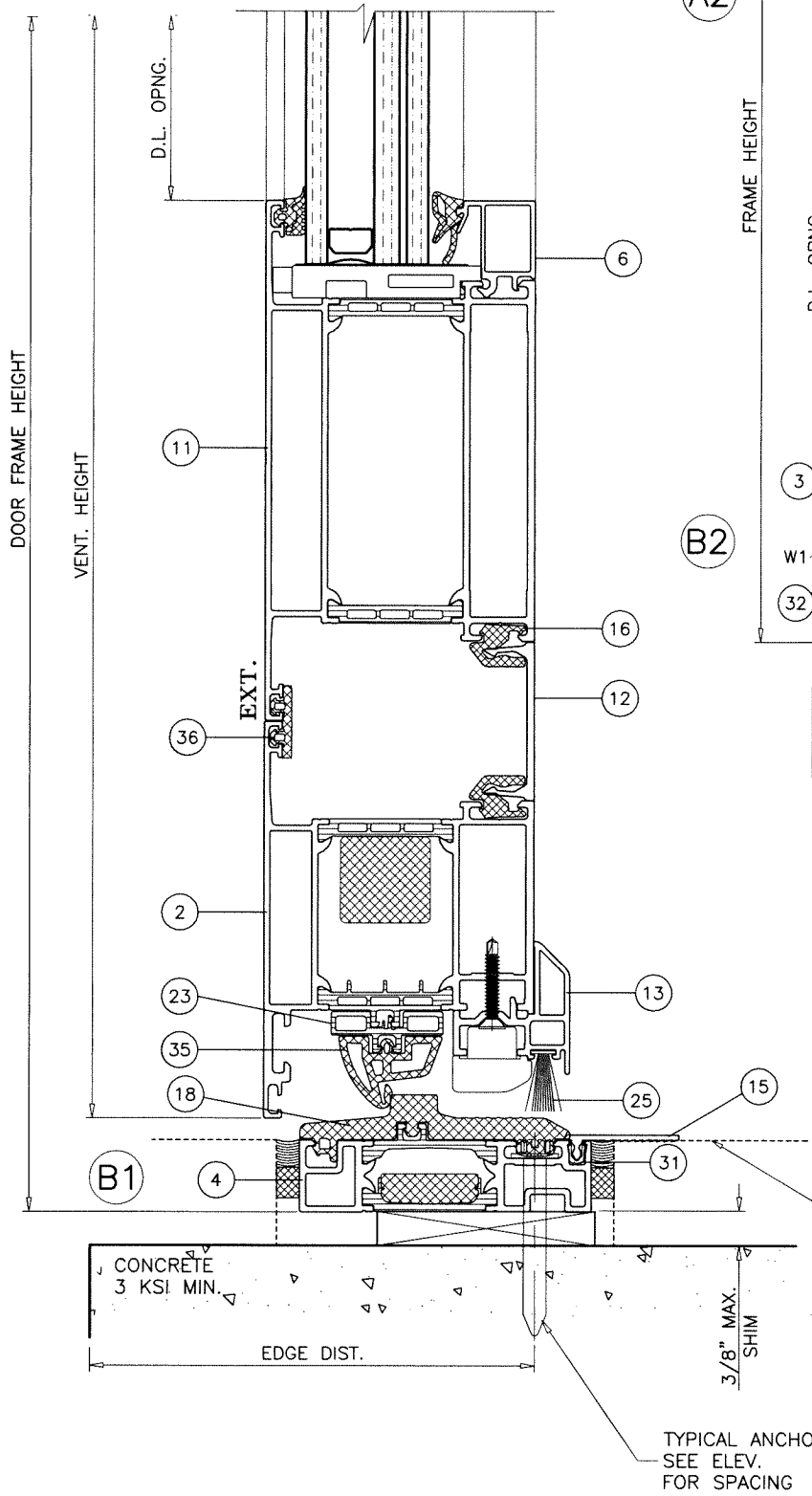
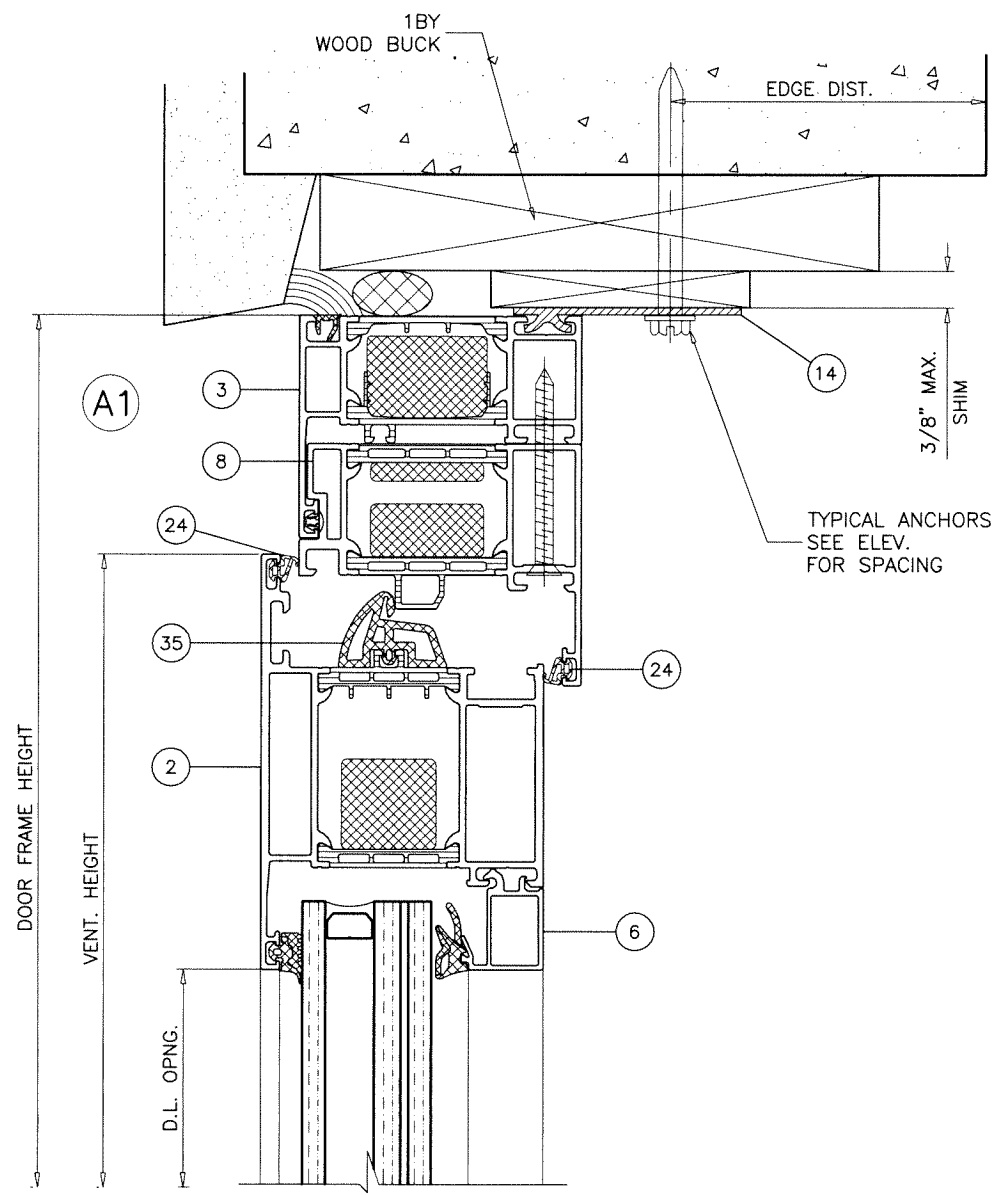
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SERIES AWS 70.HI/75.SI+ OUTSWING TERRACE DOOR (L.M.I.)

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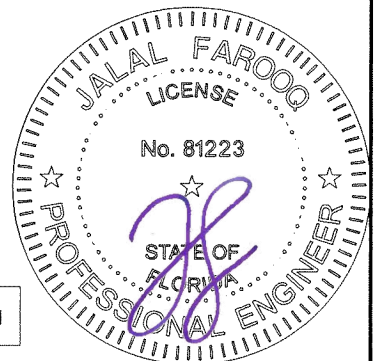
B2

WEEPHOLES:
W1 = (3) AT FIXED LITE SILL.
ONE AT EACH END AND ONE AT CENTER

FLUSH WITH CONC.
OR FINISHED FLOOR

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STRAP ANCHOR INSTALLATION



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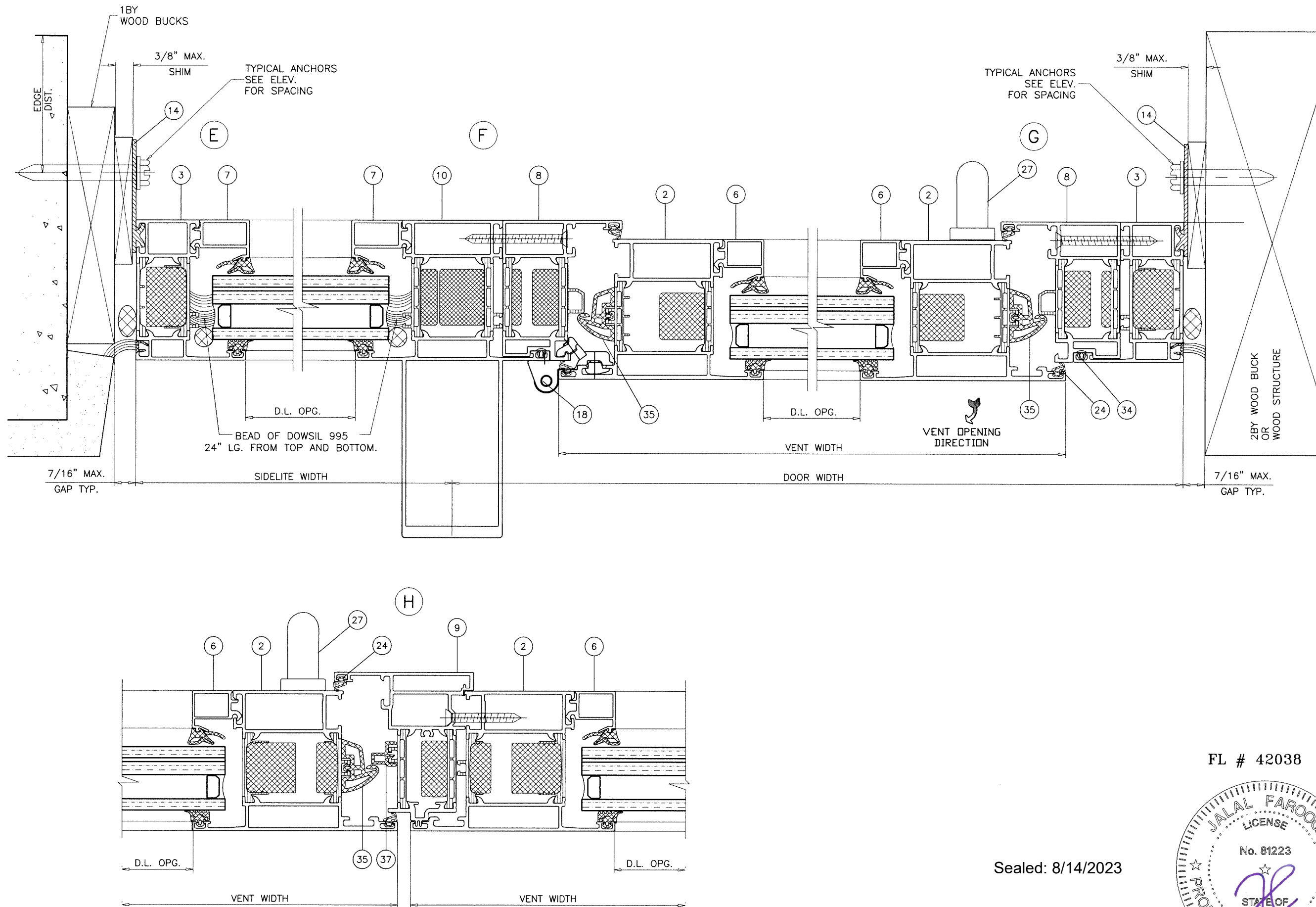
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chk. by:

drawing no.
23-22F

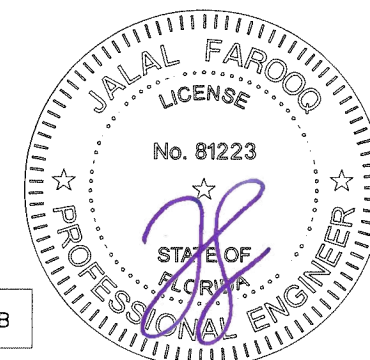
sheet 6 of 13



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STRAP ANCHOR INSTALLATION AT JAMB

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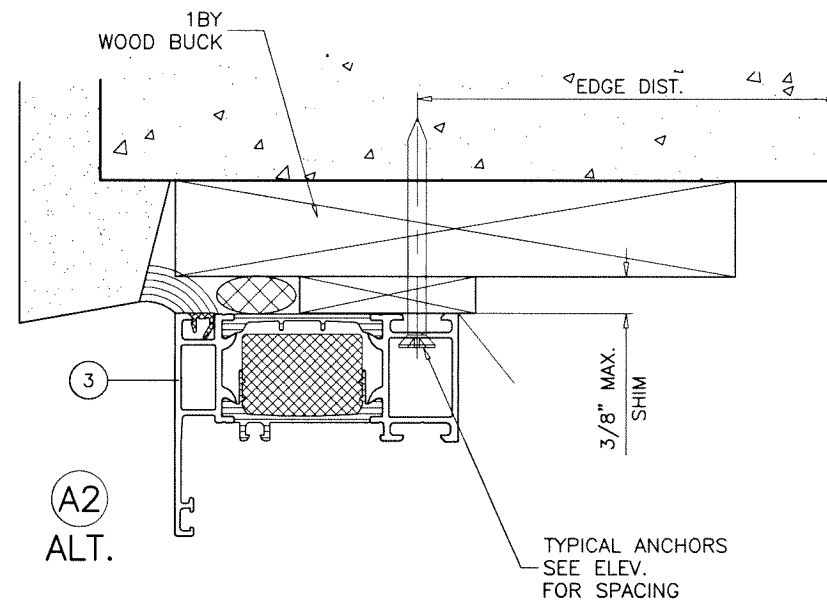
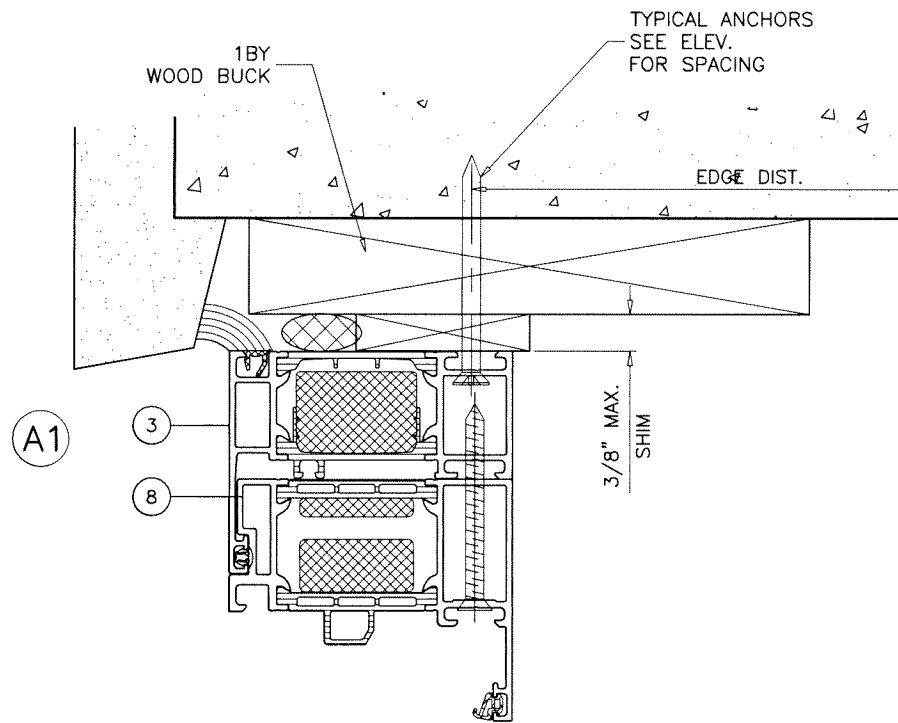
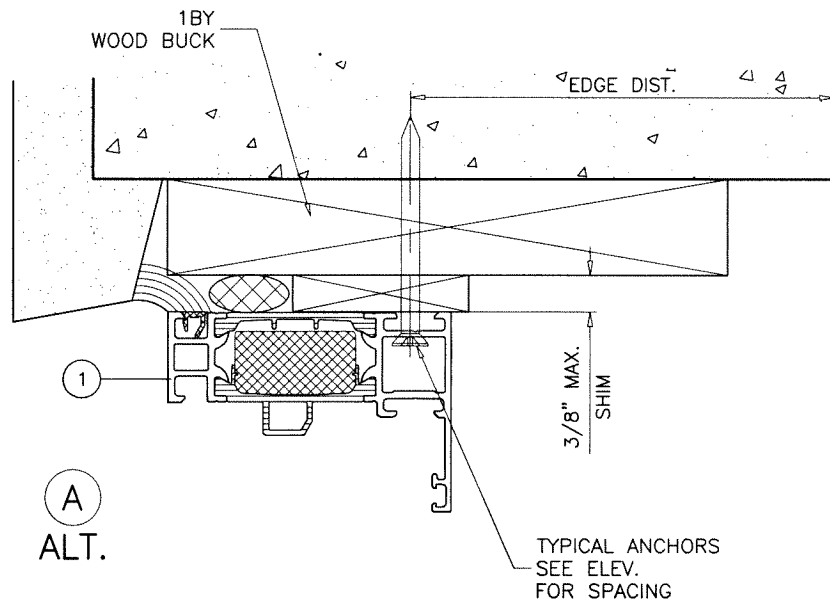
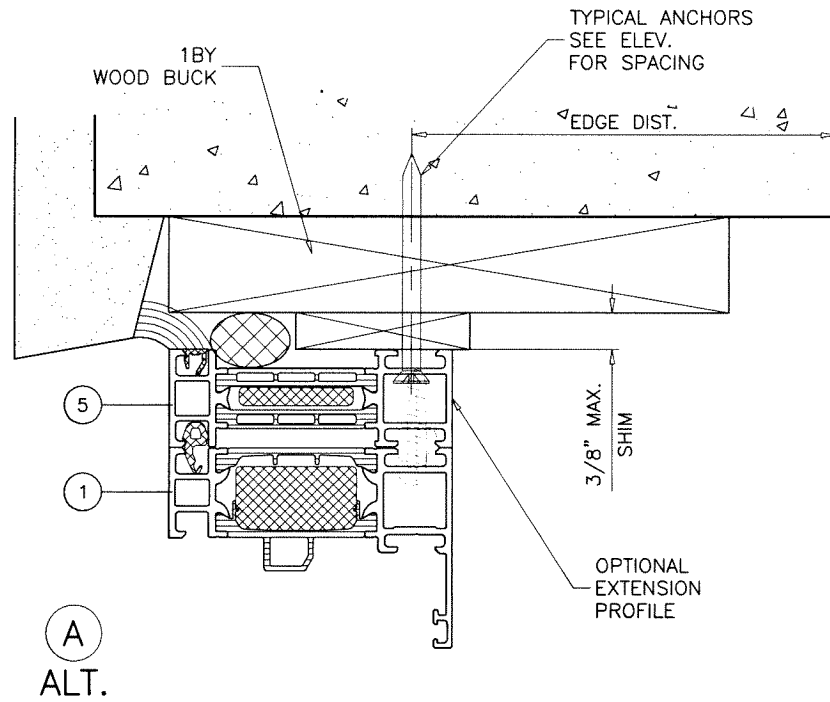
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drawing no.

23-22F

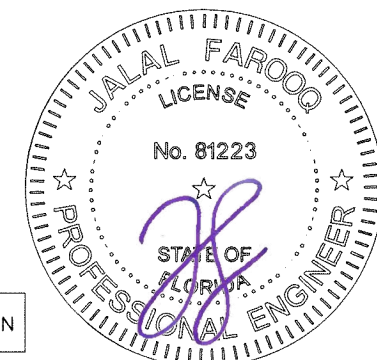
sheet 8 of 13



TYPICAL THROUGH FRAME INSTALLATION DETAILS
APPLIES TO ALL OTHER SHOWN SUBSTRATES.

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THROUGH FRAME ANCHOR INSTALLATION



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af c
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SERIES AWS 70.HI/75.SI+ OUTSWING TERRACE DOOR (L.M.I.)

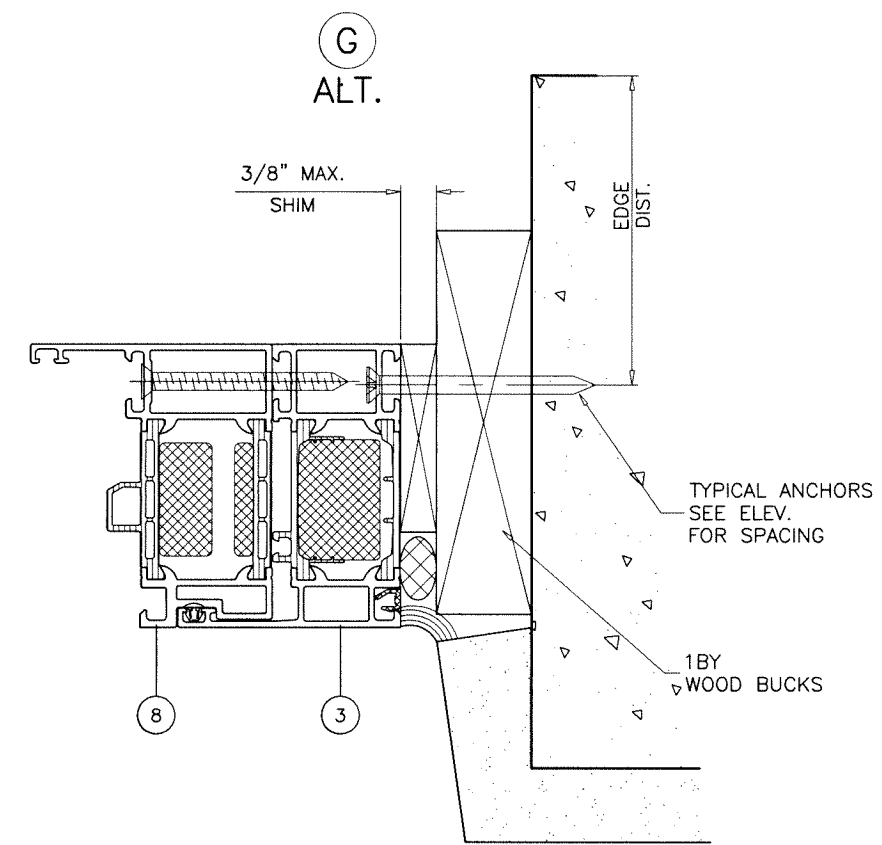
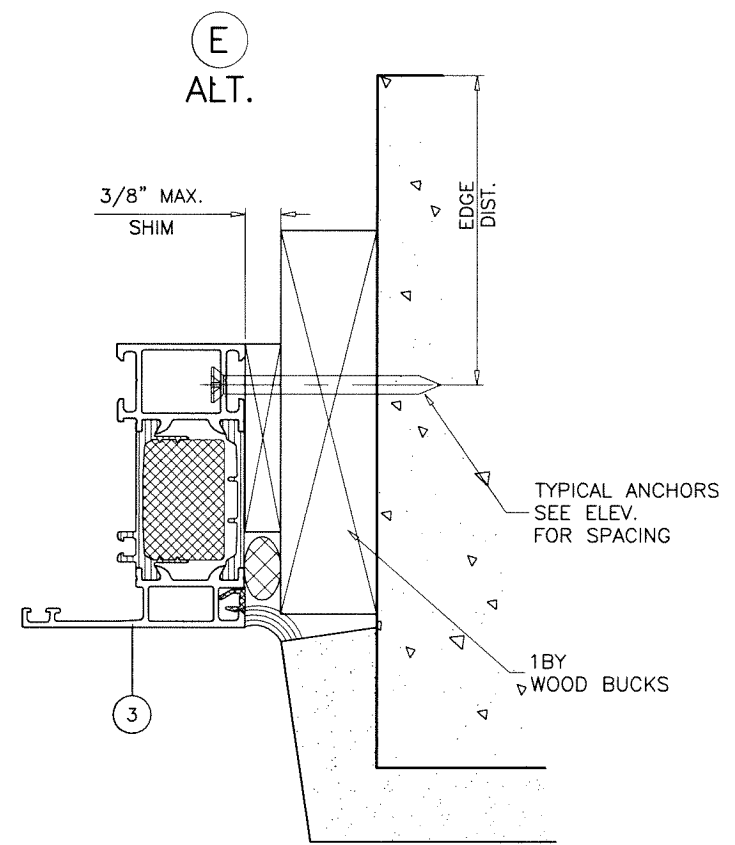
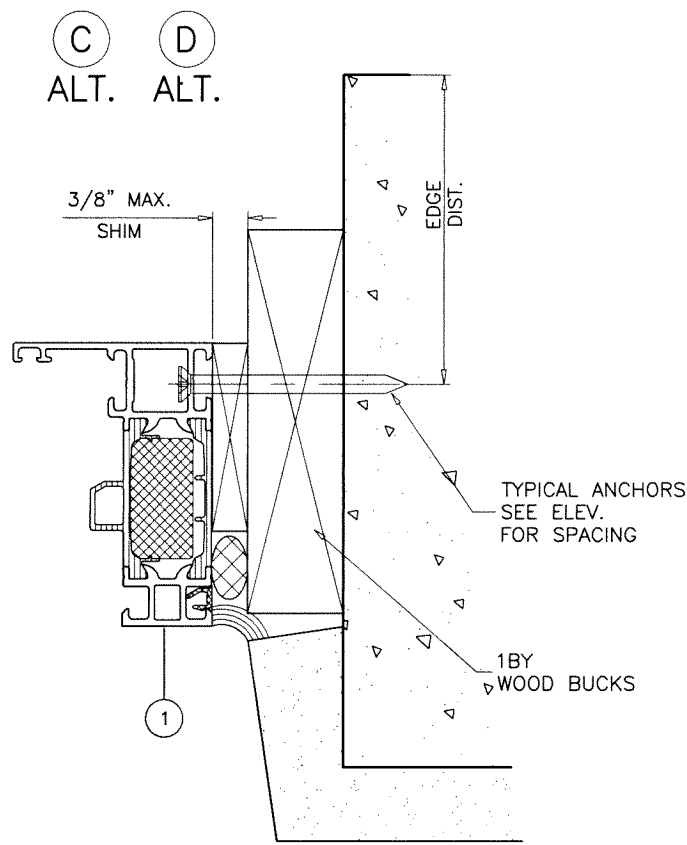
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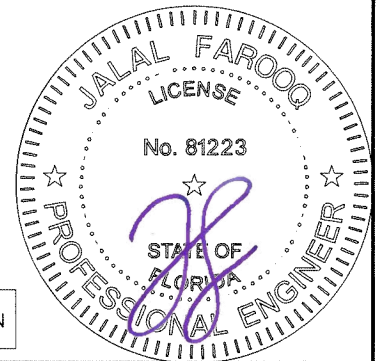
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drawing no.
23-22F
sheet 9 of 13



TYPICAL THROUGH FRAME INSTALLATION DETAILS APPLIES TO ALL OTHER SHOWN SUBSTRATES.

Sealed: 8/14/2023



THROUGH FRAME ANCHOR INSTALLATION

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afC

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SERIES AWS 70.HI/75.SI+ OUTSWING TERRACE DOOR (L.M.I.)

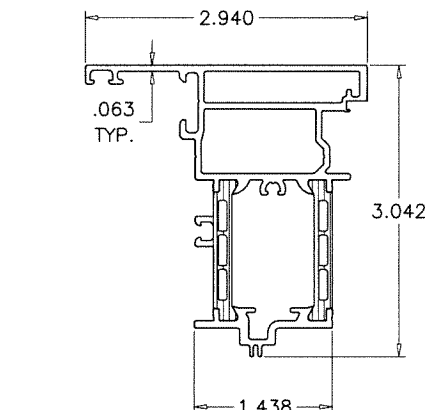
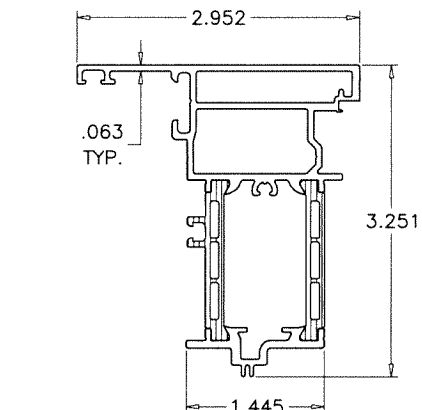
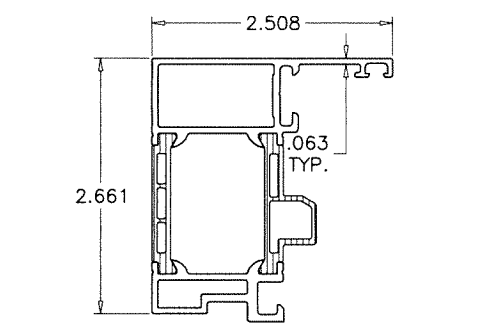
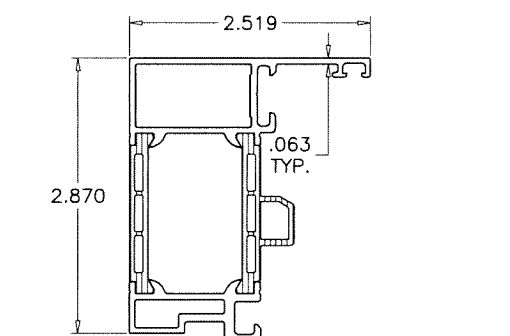
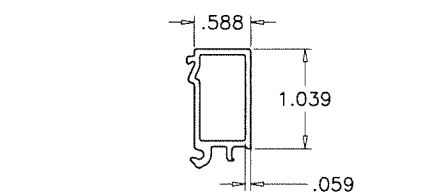
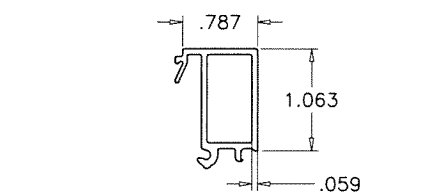
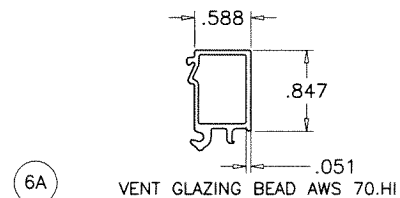
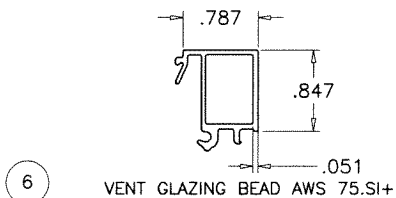
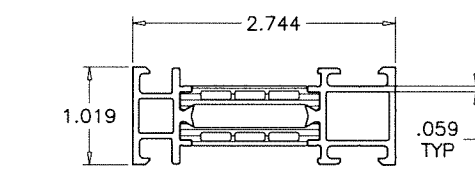
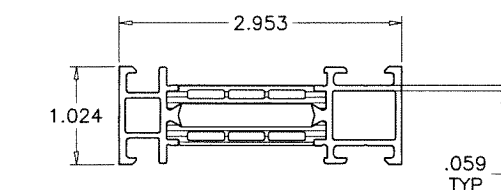
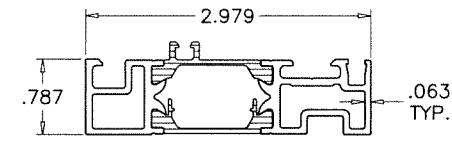
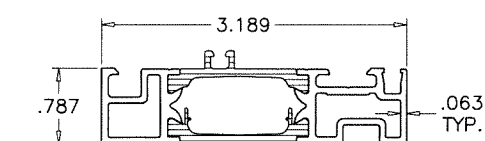
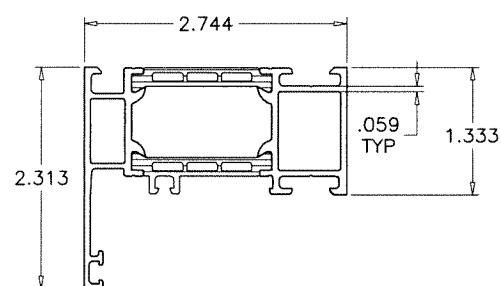
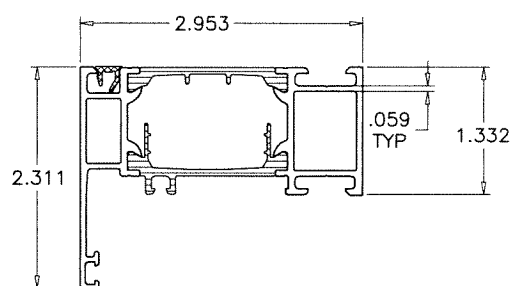
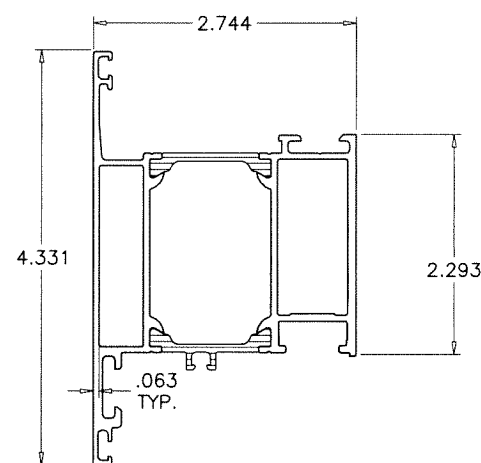
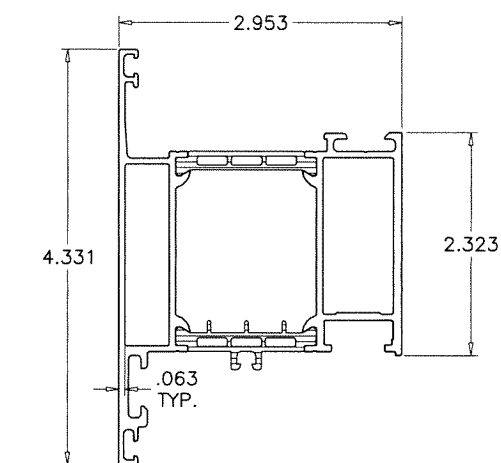
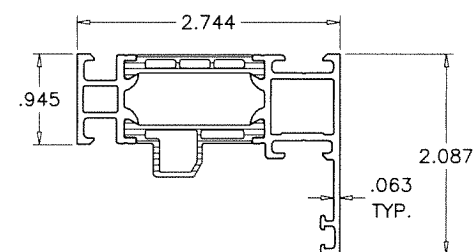
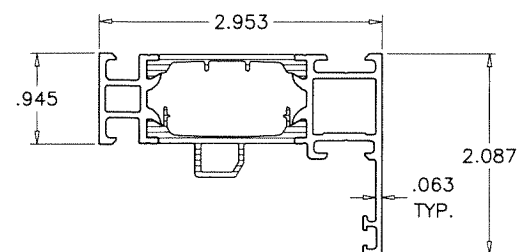
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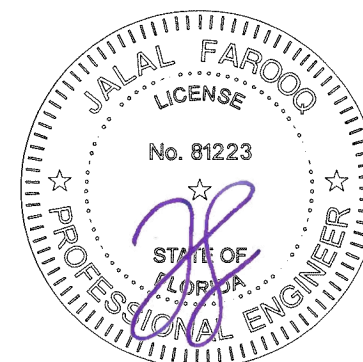
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chk. by:

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23-22F
sheet 10 of 13



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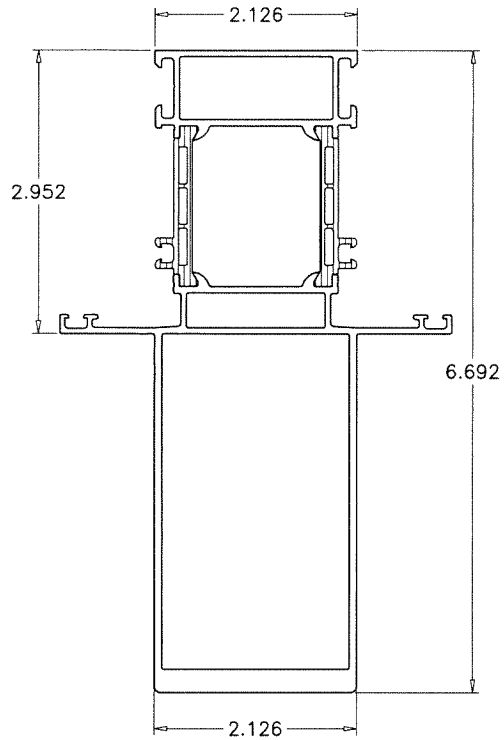


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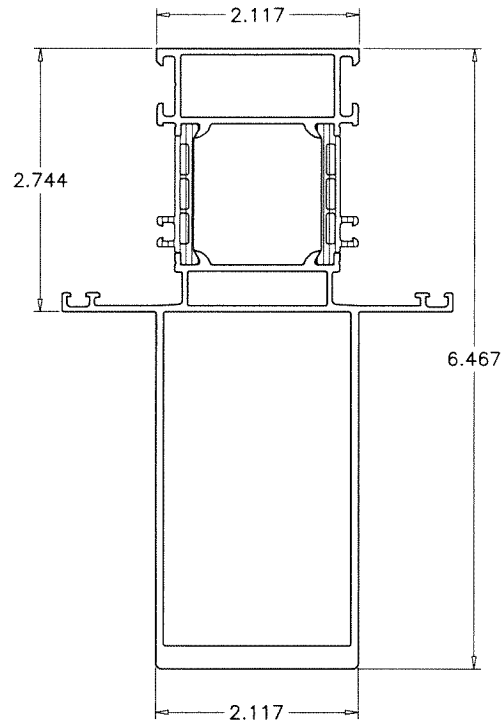
ERIES AWS 70.HI/75.SI+ OUTSWING TERRACE DOOR (L.M.I.)

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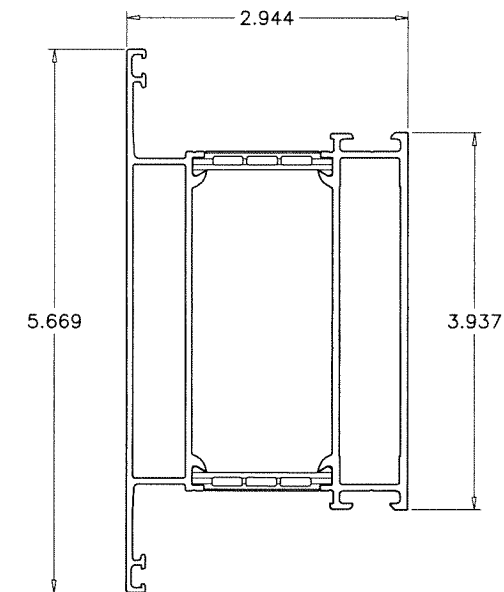
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sheet 11 of 13					



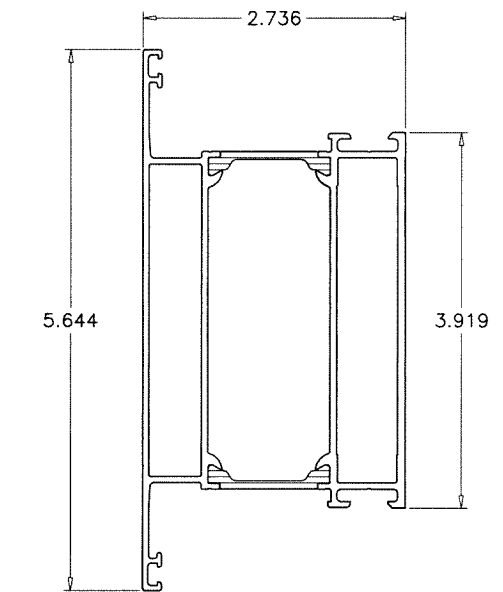
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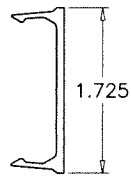
10A TRANSITION MULLION AWS 70.HI



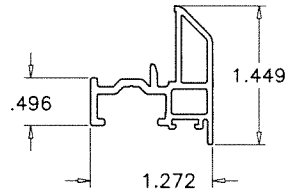
11 HI-BOTTOM ADAPTER AWS 75.SI+



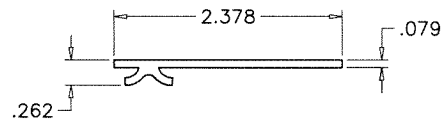
11A HI-BOTTOM ADAPTER AWS 70.HI



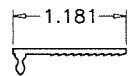
12 10" BOTTOM RAIL COVER



13 DOOR SILL ADAPTER

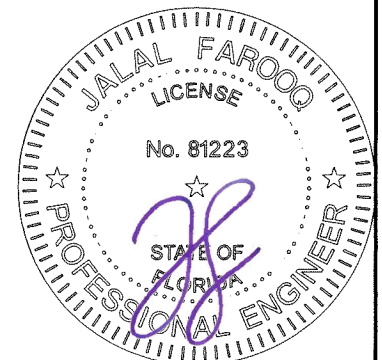


14 STRAP ANCHOR



15 WALL ATTACHMENT

FL # 42038



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AL-FAROOQ CORPORATION
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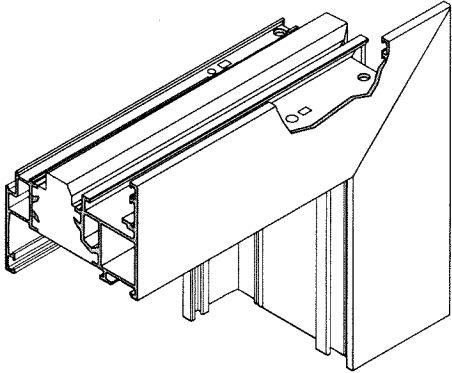
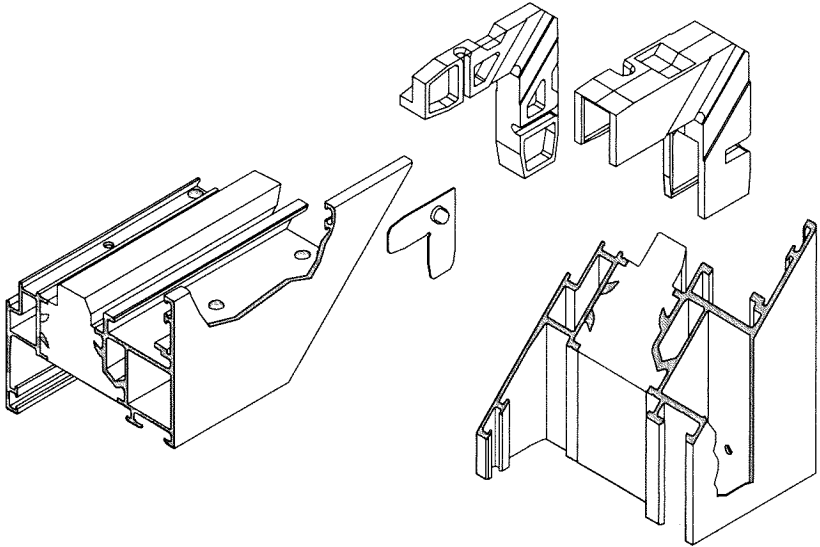
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drawing no.	23-22F								
sheet	12 of 13								

COMP-ANL\23-22F-PSZ

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	480830	4	AWS 75.SI+ OUTER FRAME	6063-T6
1A	197360	4	AWS 70.HI OUTER FRAME	6063-T6
2	480790	4	AWS 75.SI+ VENT PROFILE	6063-T6
2A	486380	4	AWS 70.HI VENT PROFILE	6063-T6
3	382130	4	AWS 75.SI+ SIDELITE FRAME	6063-T6
3A	358150	4	AWS 70.HI SIDELITE FRAME	6063-T6
4	486756	1	AWS 75.SI+ THRESHOLD	6063-T6
4A	486706	1	AWS 70.HI THRESHOLD	6063-T6
5	382070	AS REQD.	AWS 75.SI+ EXTENSION PROFILE	6063-T6
5A	358090	AS REQD.	AWS 70.HI EXTENSION PROFILE	6063-T6
6	345510	AS REQD.	AWS 75.SI+ VENT GLAZING BEAD	6063-T6
6A	346610	AS REQD.	AWS 70.HI VENT GLAZING BEAD	6063-T6
7	467770	AS REQD.	AWS 75.SI+ FIXED UNIT GLAZING BEAD	6063-T6
7A	489760	AS REQD.	AWS 70.HI FIXED UNIT GLAZING BEAD	6063-T6
8	494320	AS REQD.	AWS 75.SI+ TRANSITION MULLION/ HEAD ADAPTER	6063-T6
8A	494310	AS REQD.	AWS 70.HI TRANSITION MULLION/ HEAD ADAPTER	6063-T6
9	485460	AS REQD.	AWS 75.SI+ ASTRAGAL ADAPTER	6063-T6
9A	197580	AS REQD.	AWS 70.HI ASTRAGAL ADAPTER	6063-T6
10	367300	AS REQD.	AWS 75.SI+ TRANSITION MULLION	6063-T6
10A	367210	AS REQD.	AWS 70.HI TRANSITION MULLION	6063-T6
11	9634794	AS REQD.	AWS 75.SI+ HI-BOTTOM ADAPTER	6063-T6
11A	9635019	AS REQD.	AWS 70.HI HI-BOTTOM ADAPTER	6063-T6
12	9634795	AS REQD.	10" BOTTOM RAIL COVER	6063-T6
13	485880	AS REQD.	AWS 75.SI+/ 70.HI WEATHERSTRIP CARRIER	6063-T6
14	207628	AS REQD.	STRAP ANCHOR HEAD/JAMBS	50961-Fe/Zn 8 C
15	129560	AS REQD.	WALL ATTACHMENT	
16	203108	AS REQD.	PROFILE RETAINING CLIP	
17	236522/236523	AS REQD.	CORNER KEY	6063-T6
18	278475	AS REQD.	AWS 75.SI+ THRESHOLD COVER PRF. 75	
18A	278470	AS REQD.	AWS 70.HI THRESHOLD COVER PRF. 75	
19	284321	AS REQD.	GASKET 6	
19A	284351	AS REQD.	AWS 70.HI OUTER GLAZING GASKET	
20	284836	AS REQD.	AWS 75.SI+ WED. GASKET CIRC7-8MM	
20A	284837	AS REQD.	AWS 70.HI WED. GASKET CIRC7-10MM	
21	288163	AS REQD.	AWS 75.SI+ GLAZING SUPPORT	POLYAMIDE 80±5 SHORE A
21A	288166	AS REQD.	AWS 70.HI GLAZING SUPPORT	POLYAMIDE 80±5 SHORE A
22	106116	AS REQD.	LOCKING BAR	6063-T6
23	278467	AS REQD.	ADAPTER PROFILE MD	
24	224310	AS REQD.	CONTINUOUS REBATE GASKET	EPDM
25	278244	AS REQD.	BRUSH SEAL	
26	248807	5	BARREL HINGE	
27	269622	1	AWS 75.SI+ HANDLE	
27A	9639482	1	AWS 70.HI HANDLE	
28	248890/248891	1	6-POINT VERT LOCK	
29	248890/248891	1	2-POINT HORIZONTAL LOCK	
30	--	AS REQD.	SCHUCCO SEALANT	
31	203086	AS REQD.	RETAINING CLIP	
32	208694	3/ LITE	WEEP SLOT COVER	
33	244516	AS REQD.	HEAD/SILL COVER	
34	224197	AS REQD.	DOOR ADAPTER GASKET	
35	278260	AS REQD.	CENTRE GASKET	
36	224114	AS REQD.	HI-BOTTOM RAIL CONNECTOR	
37	278461	AS REQD.	ASTRAGAL CENTRE GASKET RECEPTOR	

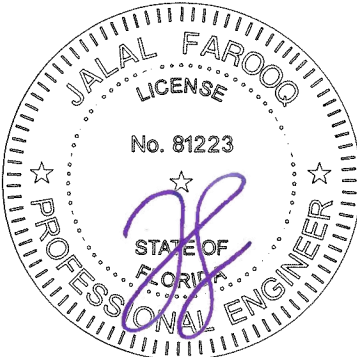
HINGES

(5) BARREL HINGE (248807). AT 3" FROM TOP AND BOTTOM ENDS AND 23-1/2", 47" AND 70-1/2" FROM BOTTOM CORNER



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revisions:
no. date by description

date: 04-12-23
scale: 1 : 2
dr. by: MLS
chk. by:

drawing no.
23-22F
sheet 13 of 13

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