

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

SERIES 3000
ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.
STAND ALONE SINGLE SIDELITE SEE SHEET 3.
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES COMBINATIONS
SEE SHEET 4.
LOWER VALUES FROM DOOR CAPACITY, SIDELITE CAPACITY OR
MULLION CAPACITY WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

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).

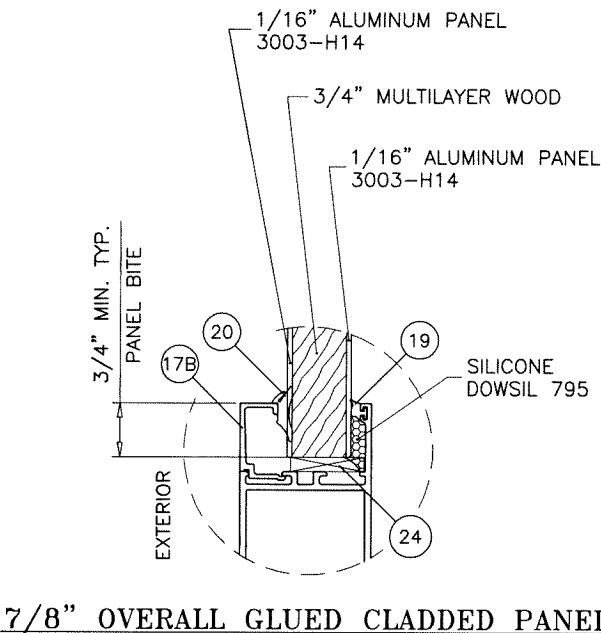
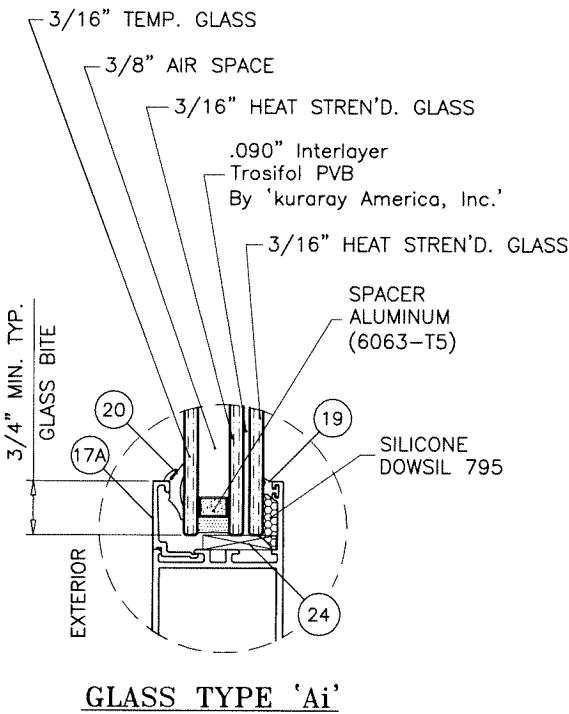
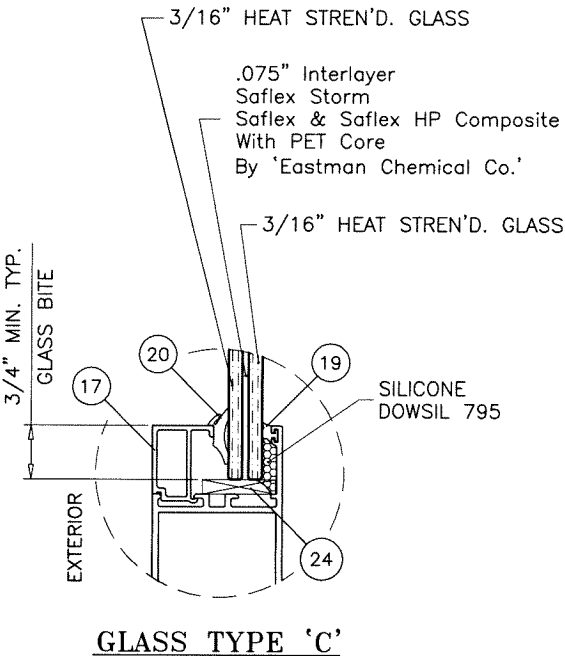
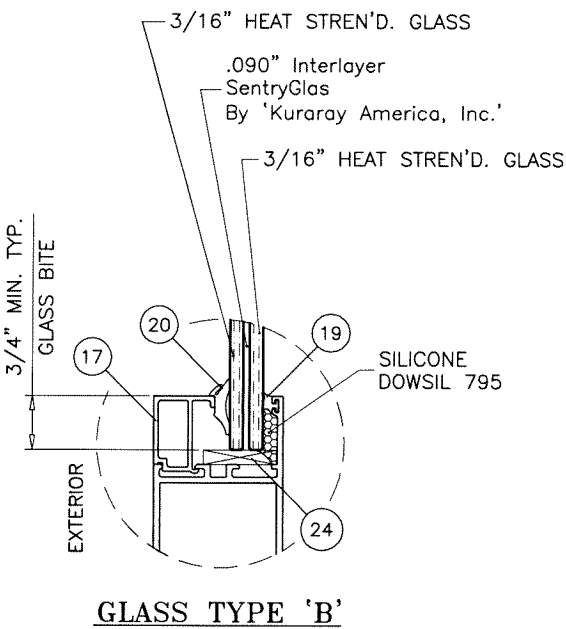
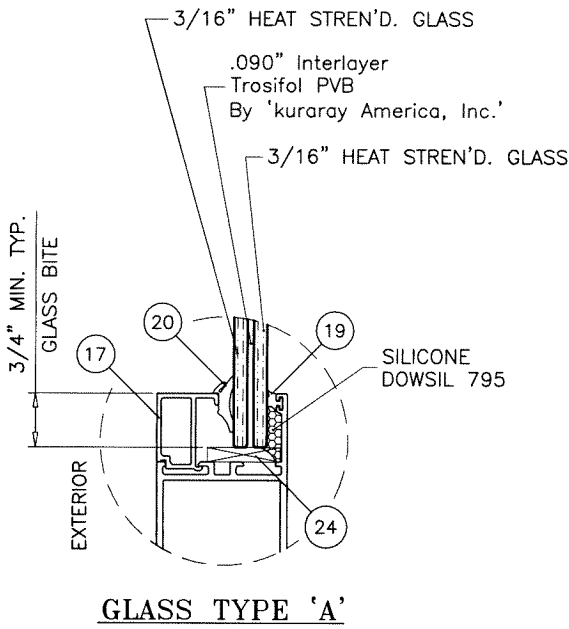
1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT
LOADS TO THE BUILDING STRUCTURE.

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.



7/8" OVERALL GLUED CLADDED PANEL
EXTERIOR AND INTERIOR ALUMINUM CLADDING GLUED TO
CENTER CORE WITH MRG-A-30-013

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

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.

Sealed: 6/10/2025

FL #26942



af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\18-36F-MG

SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	by	description
	A	07.22.20		UPDATED TO 2020 FBC
	B	11.24.21		NEW TESTS ADDED
	C	06.15.23		GENERAL REVISION
	D	07.21.23		UPDATED TO 2023 FBC
	E	05.30.25		GLASS INSERT OPTION ADDED

date: 03-20-18

scale: 3/8" = 1"

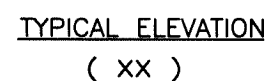
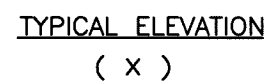
dr. by: TARIQ

chk. by:

drawing no.

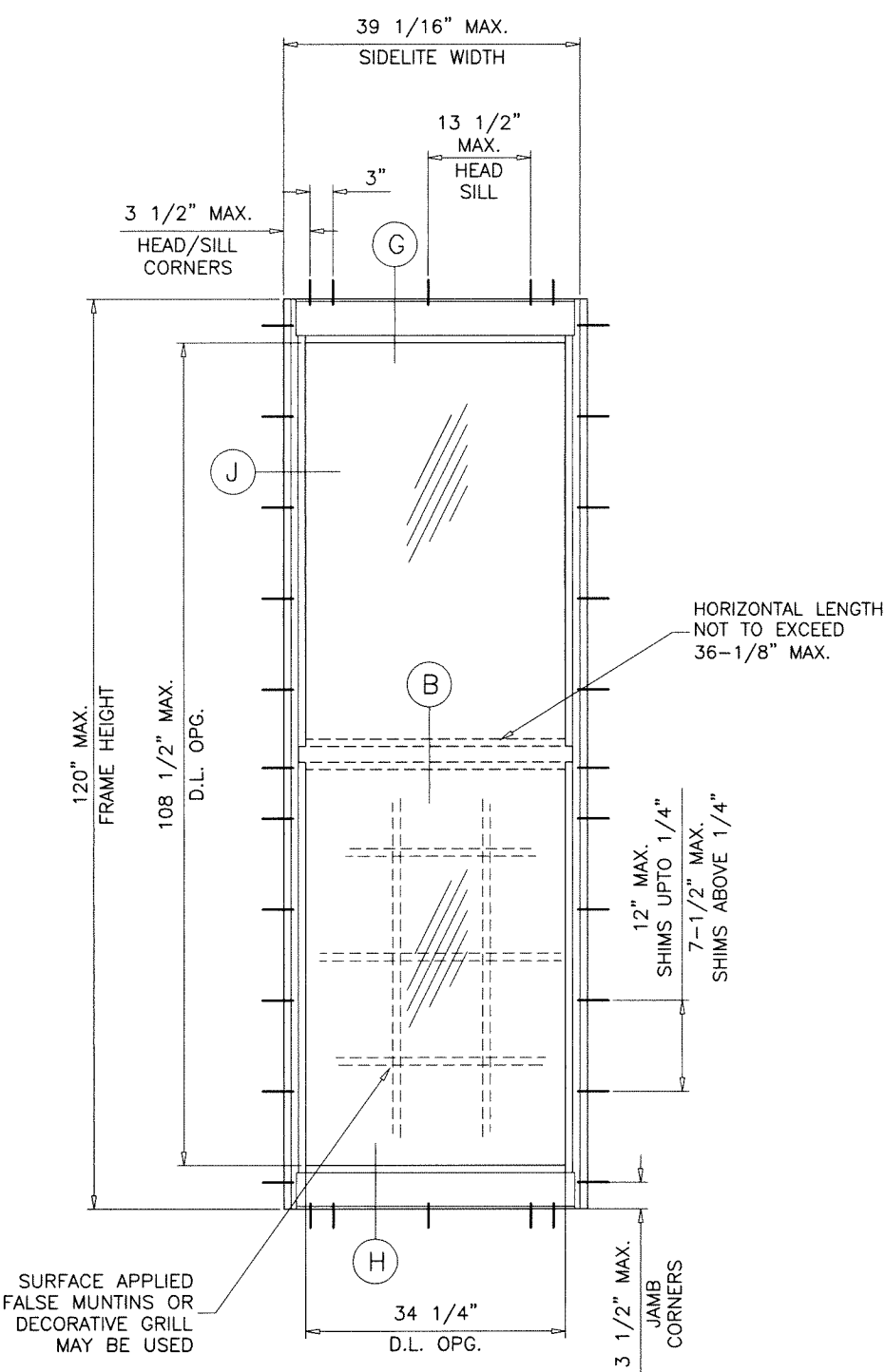
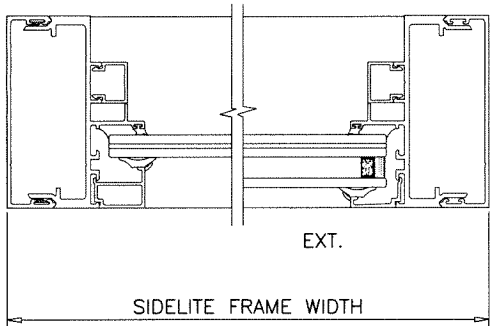
18-36F

sheet 1 of 10



date: 03-20-18		revisions:	
scale: 1/2"=1'-0"	no	date	by description
dr. by: TARIQ			
chk. by:			
drawing no. 18-36F			
sheet 2 of 10			

DESIGN LOAD CAPACITY - PSF STAND ALONE SINGLE SIDELITES									
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	GLASS TYPES 'A' & 'Ai'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLUED CLADDLED PANEL	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	84	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		74.3	74.3	74.3	74.3	55.8	55.8	80.0	80.0
24	90	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		74.3	74.3	74.3	74.3	55.8	55.8	80.0	80.0
24	96	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	98	80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
30		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
36		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	102	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	108	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	55.8	55.8	80.0	80.0
24	114	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	60.0	60.0	80.0	80.0
24	120	-	-	-	-	60.0	60.0	80.0	80.0
30		-	-	-	-	60.0	60.0	80.0	80.0
36		-	-	-	-	60.0	60.0	80.0	80.0
39-1/16		-	-	-	-	60.0	60.0	80.0	80.0
42		-	-	-	-	60.0	60.0	80.0	80.0



TYPICAL ELEVATION
(O)
STAND ALONE SIDELITE

GLASS D.L.O. DIMS.
D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.50"
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.813"

Sealed: 6/10/2025

FL #26942



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revisions:

no	date	by	description

date: 03-20-18

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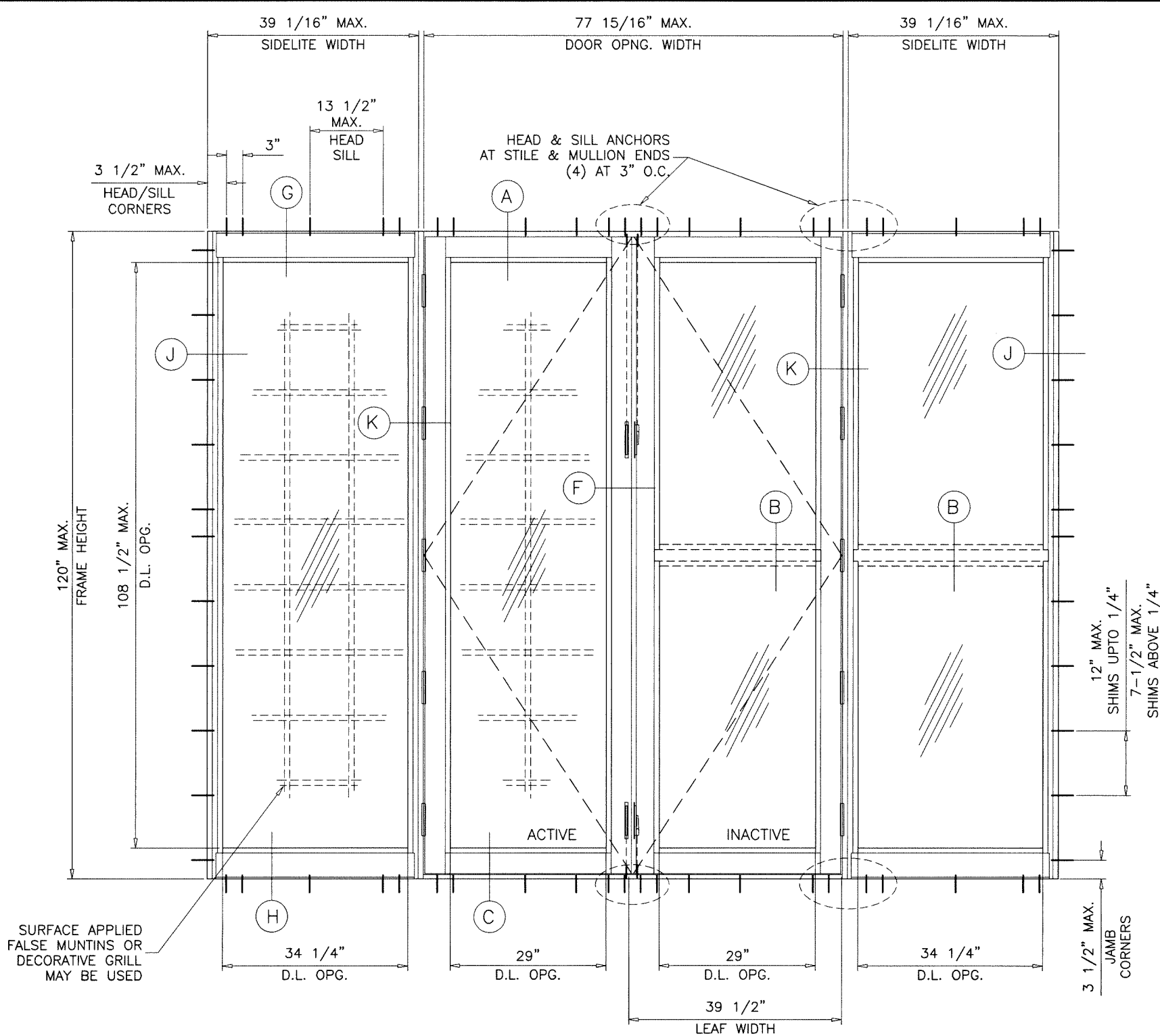
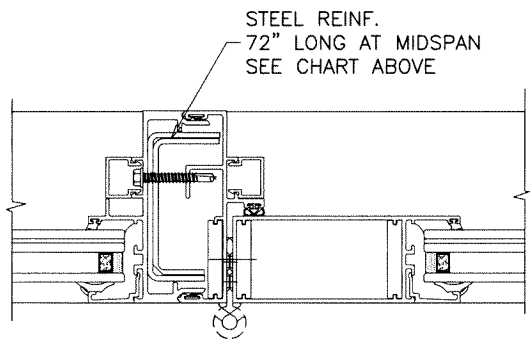
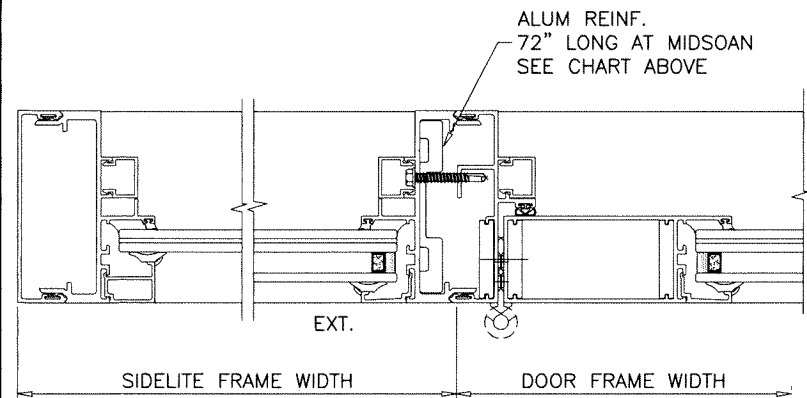
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chk. by:

drawing no.
18-36F

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DESIGN LOAD CAPACITY - PSF SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS (SEE NOTE BELOW)							
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	DOOR MULLION WITHOUT REINF.		DOOR MULLION ALUM REINF.		DOOR MULLION STEEL REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	84	80.0	80.0	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0	80.0	80.0
24	90	80.0	80.0	80.0	80.0	80.0	80.0
30		80.0	80.0	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0	80.0	80.0
39-1/16		80.0	80.0	80.0	80.0	80.0	80.0
42		78.2	78.2	80.0	80.0	80.0	80.0
24	96	80.0	80.0	80.0	80.0	80.0	80.0
30		77.9	77.9	80.0	80.0	80.0	80.0
36		71.7	71.7	80.0	80.0	80.0	80.0
39-1/16		69.0	69.0	80.0	80.0	80.0	80.0
42		-	-	60.0	60.0	60.0	60.0
24	98	80.0	80.0	80.0	80.0	80.0	80.0
30		73.2	73.2	80.0	80.0	80.0	80.0
36		67.4	67.4	80.0	80.0	80.0	80.0
39-1/16		64.8	64.8	80.0	80.0	80.0	80.0
42		-	-	60.0	60.0	60.0	60.0
24	102	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	60.0	60.0	60.0	60.0
39-1/16		-	-	60.0	60.0	60.0	60.0
42		-	-	60.0	60.0	60.0	60.0
24	108	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	60.0	60.0	60.0	60.0
39-1/16		-	-	60.0	60.0	60.0	60.0
42		-	-	60.0	60.0	60.0	60.0
24	114	-	-	60.0	60.0	60.0	60.0
30		-	-	60.0	60.0	60.0	60.0
36		-	-	58.0	58.0	60.0	60.0
39-1/16		-	-	55.7	55.7	60.0	60.0
42		-	-	55.7	55.7	60.0	60.0
24	120	-	-	58.9	58.9	60.0	60.0
30		-	-	53.8	53.8	60.0	60.0
36		-	-	49.6	49.6	60.0	60.0
39-1/16		-	-	47.7	47.7	60.0	60.0
42		-	-	47.7	47.7	60.0	60.0



TYPICAL ELEVATION
(O-XX-O)

NOTE:
FOR DOORS CAPACITIES SEE SHEET 2.
FOR SIDELITE CAPACITY SEE SHEET 3.
FOR SIDELITE MULLION CAPACITIES SEE CHART ABOVE.
LOWER VALUES FROM DOOR, SIDELITE OR MULLION CHART
WILL APPLY TO ENTIRE SYSTEM.

Sealed: 6/10/2025

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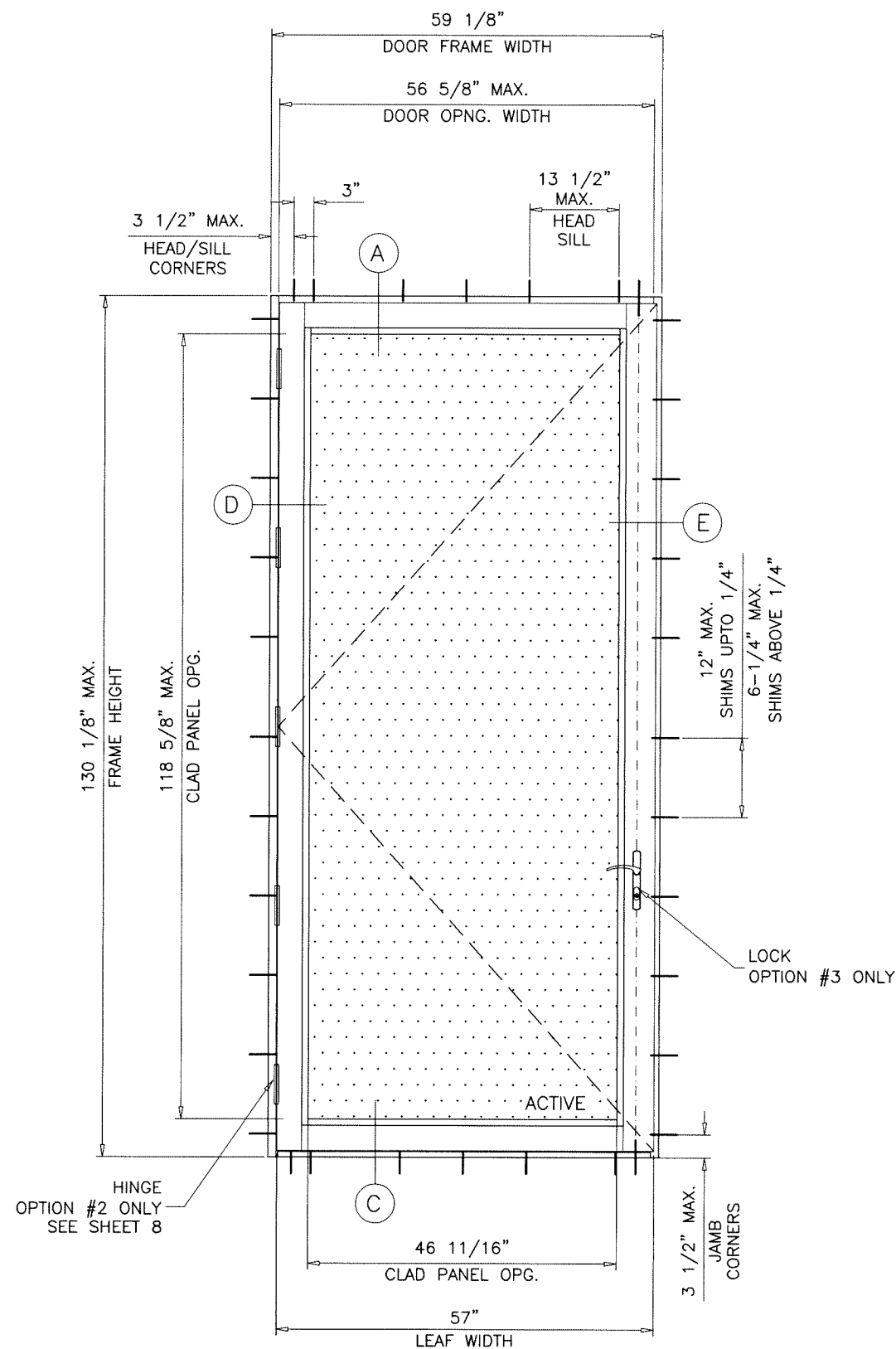
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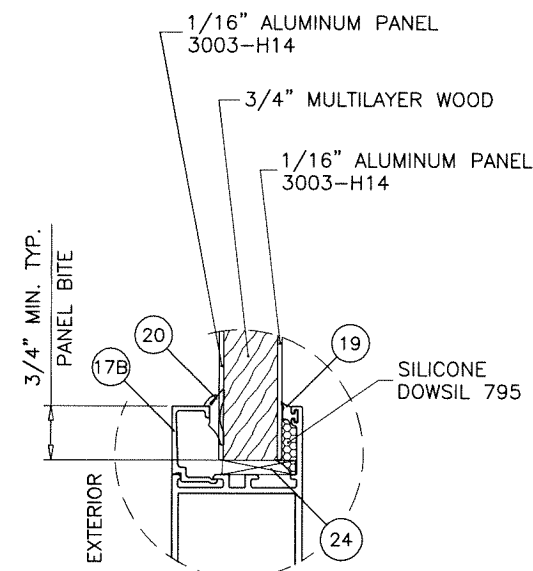
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sheet 4 of 10



TYPICAL ELEVATION
(X)

CLADDED PANEL DOOR
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
- 80.0 PSF
 (FOR SIZE SHOWN ON THIS SHEET ONLY OR SMALLER)



7/8" OVERALL GLUED CLADDED PANEL
 EXTERIOR AND INTERIOR ALUMINUM CLADDING GLUED TO
 CENTER CORE WITH MRG-A-30-013

Sealed: 6/10/2025



FL #26942

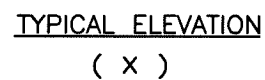
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date: 03-20-18
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 dr. by: TARIQ
 chk. by:

drawing no.
18-36F
 sheet 4.1 of 10



9/16" MIN. TYP.
GLASS BITE

1/8" HEAT STREN'D. GLASS

.090" Interlayer
Trosifol PVB
By 'kuraray America, Inc.'

1/8" HEAT STREN'D. GLASS

SILICONE
GE 2000

30

32

33

34

29

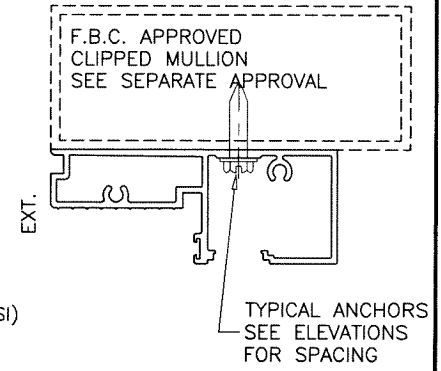
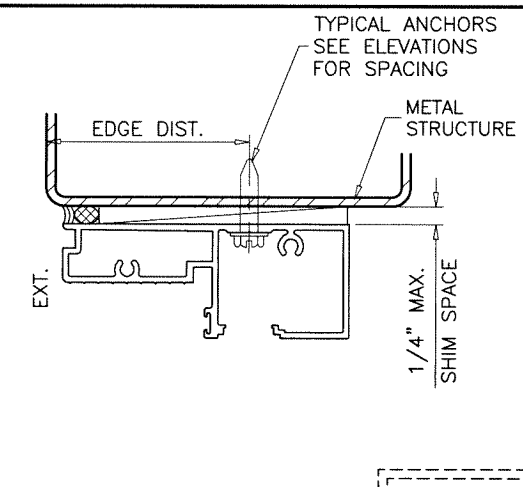
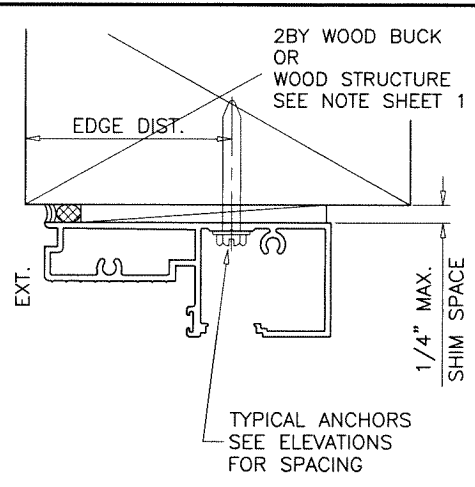
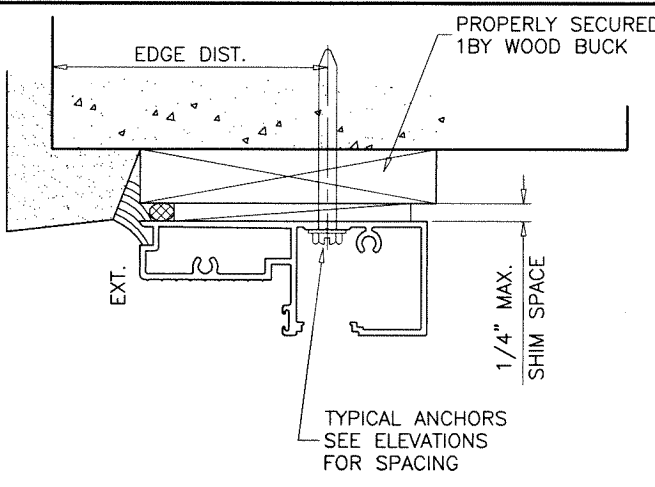
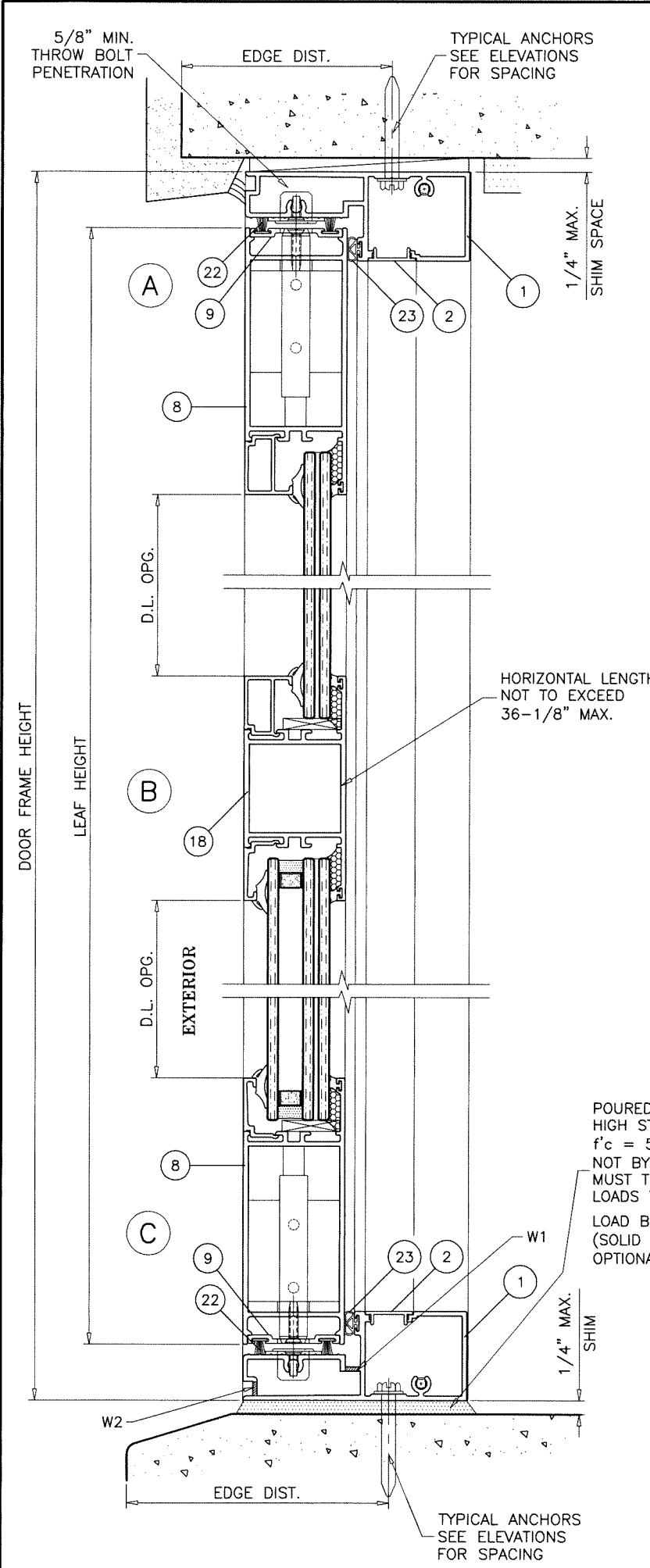
EXTERIOR

FL #26942

date: 03-20-18		revisions:	
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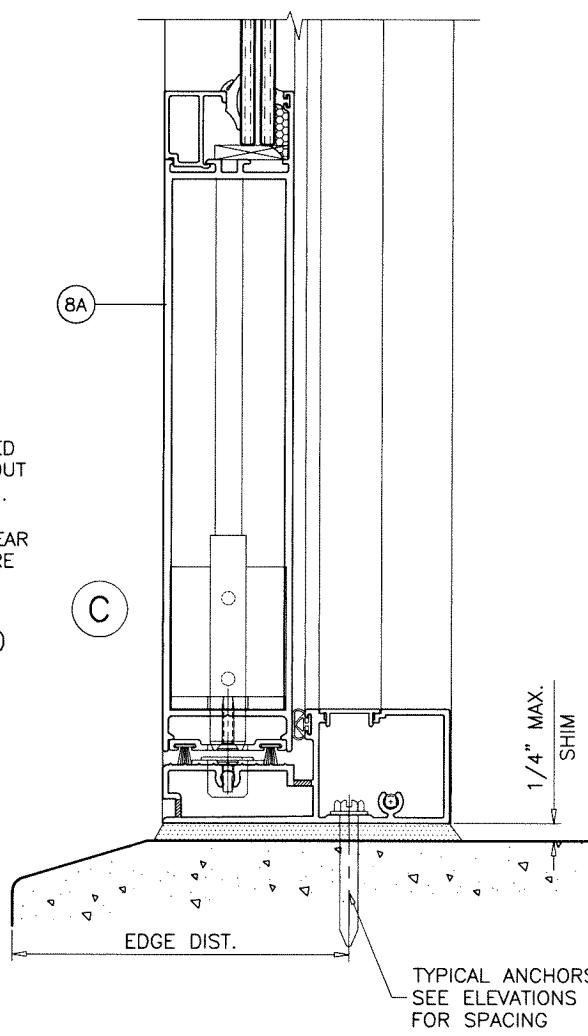
drawing no. 18-36F

sheet 4.2 of 10



1BY OR 2BY 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: SEE ELEV. FOR SPACING
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 CONC. OR BLOCKS
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/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.



DOOR DETAILS



Sealed: 6/10/2025
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scale: 3/8" = 1"

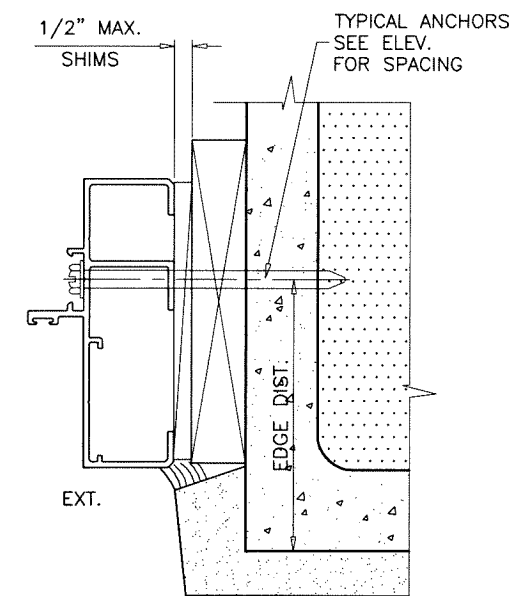
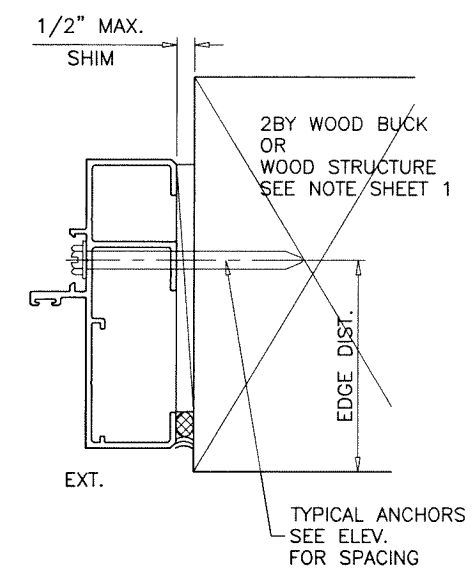
dr. by: TARIQ

chk. by:

drawing no.

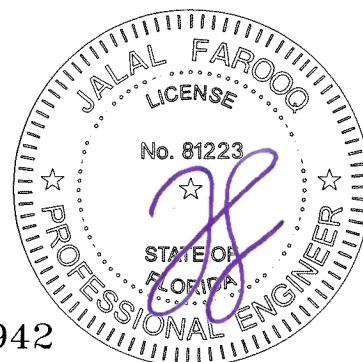
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sheet 5 of 10



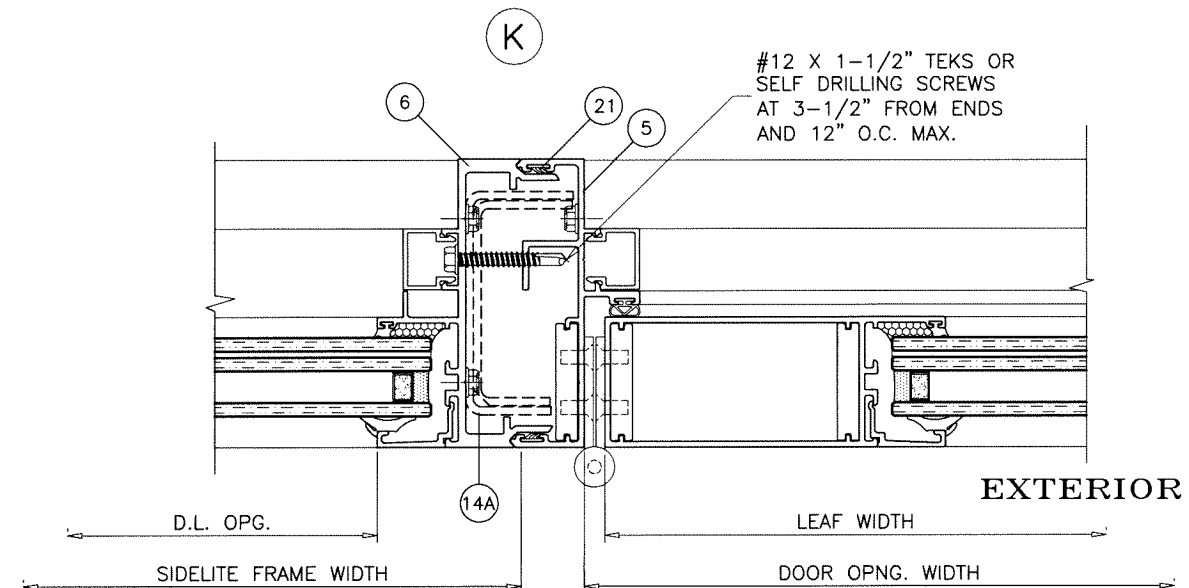
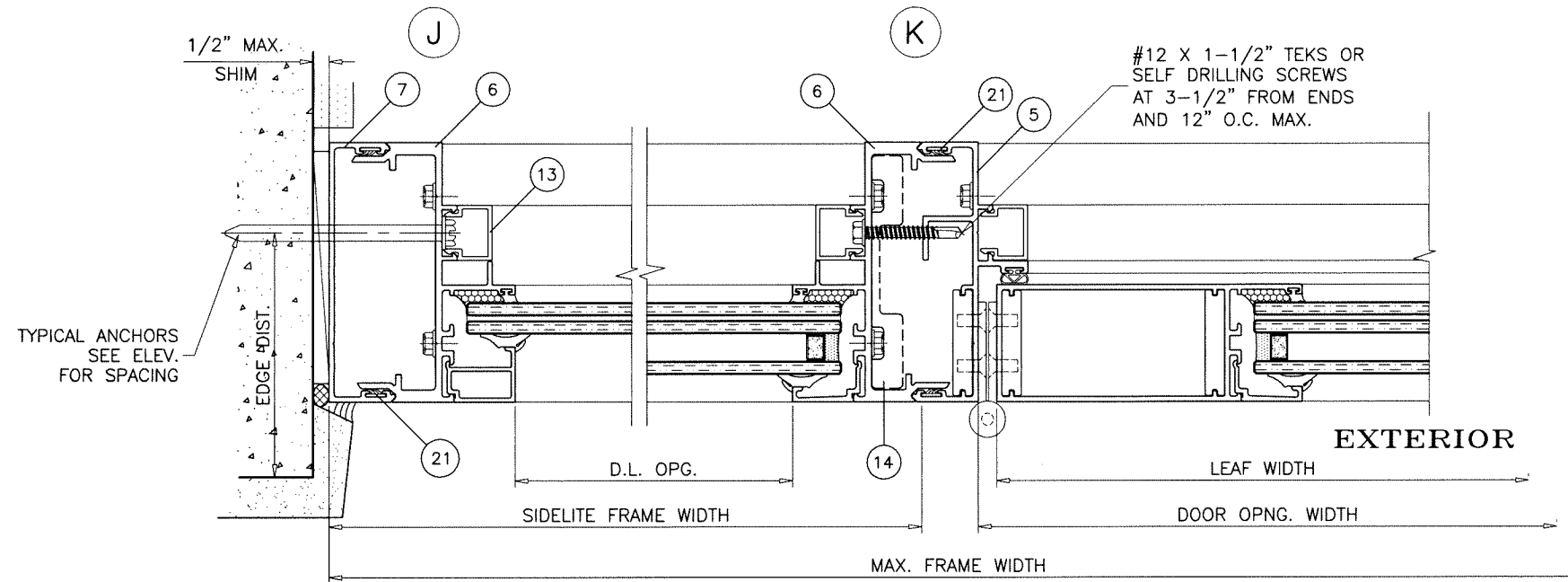
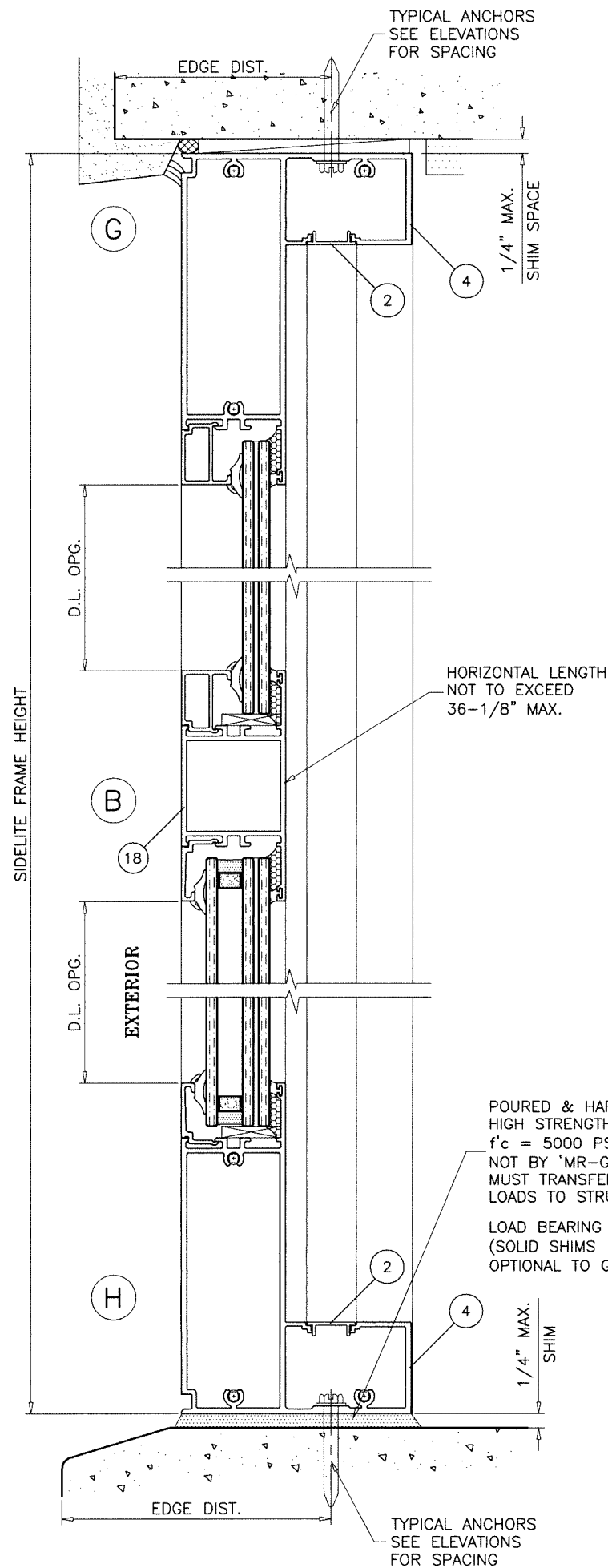
FL #26942

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	chk. by:			
drawing no.				
18-36F				
sheet 6 of 10				

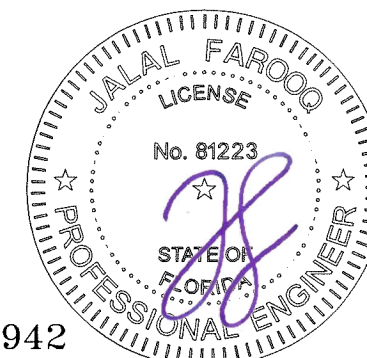


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chk. by:			



SIDELITE DETAILS



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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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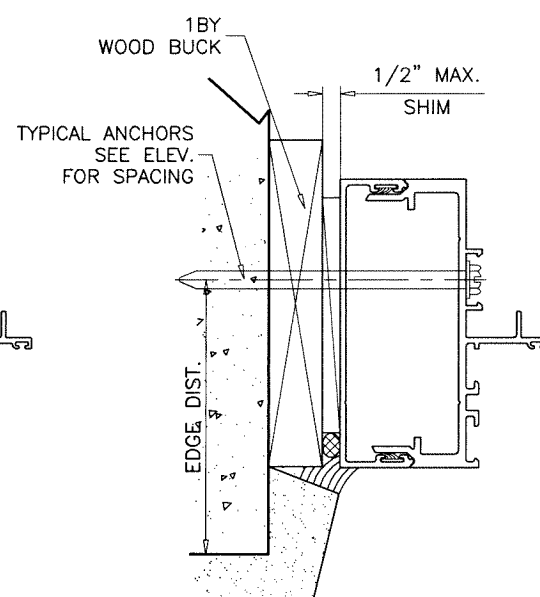
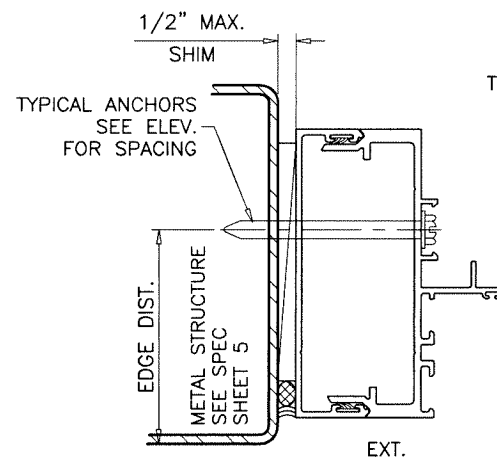
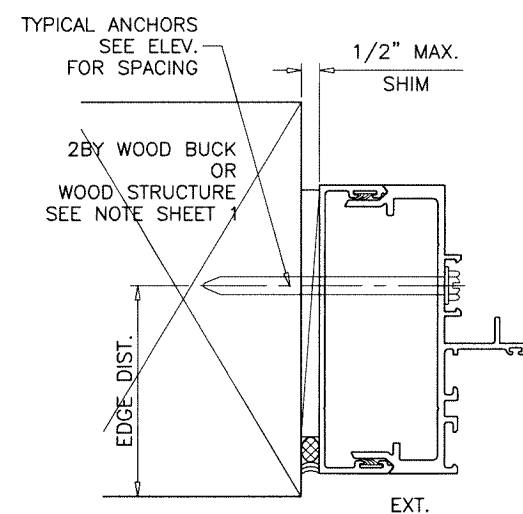
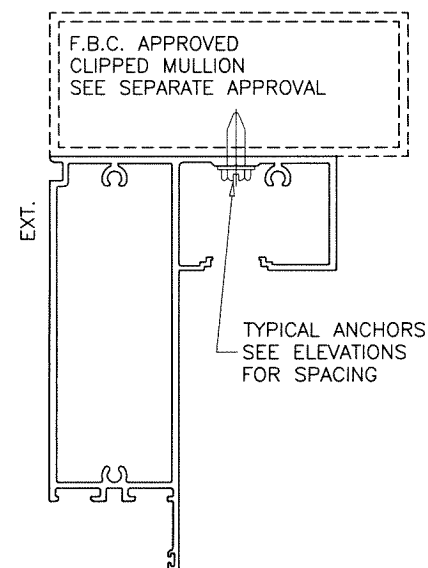
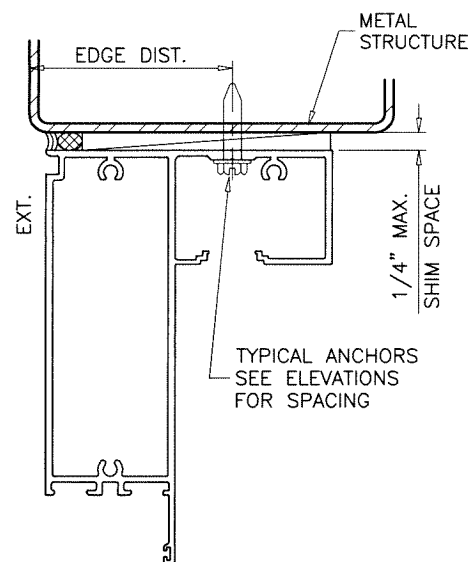
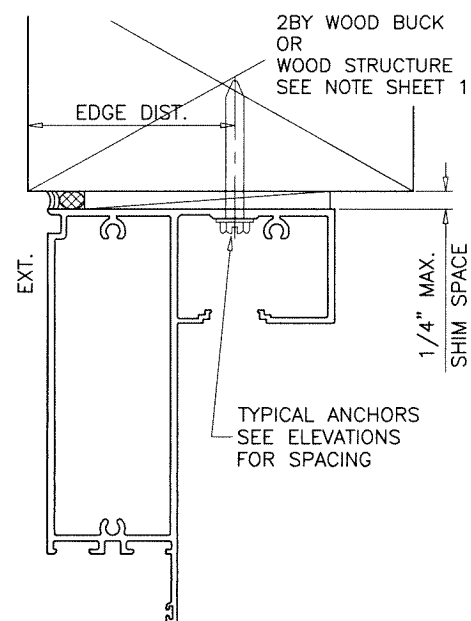
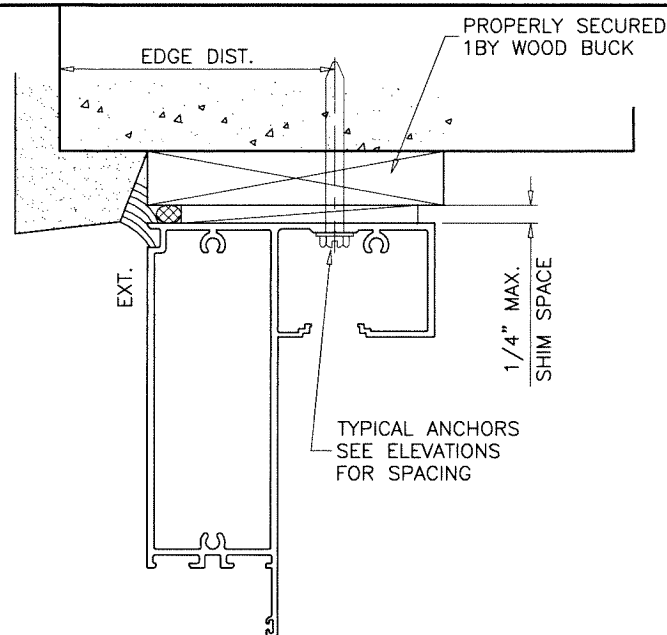
SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

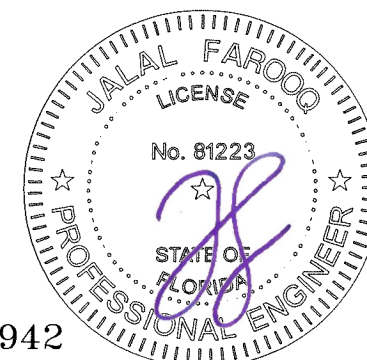
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date: 03-20-18	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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SIDELITE DETAILS



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9360 SUNSET DRIVE, SUITE 220

9360 SUNSET DRIVE, SU
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HINGES:

OPTION #1:

7-1/2" LONG ALUMINUM BUTT HINGES F107 BY 'SULLIVAN & ASSOC.'
(3) FOR DOORS UPTO 98" HEIGHTS
(5) FOR DOORS ABOVE 98" HEIGHTS
TOP AND BOTTOM HINGES AT 8" FROM ENDS
INTERMEDIATE HINGES EQUALLY SPACED
FASTENED TO FRAME WITH
(6) #10 X 3/4" FH SELF DRILLING SCREWS
FASTENED TO LEAF WITH
(5) #10 X 3/4" PH SELF DRILLING SCREWS

OPTION #2:

4" X 4-1/2" ST. STEEL BALL BEARING HINGES BY 'REGENT/IDH'
(3) FOR DOORS UPTO 98" HEIGHTS
(4) FOR DOORS UPTO 120" HEIGHTS
(5) FOR DOORS ABOVE 120" 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

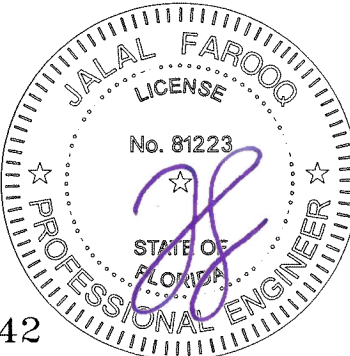
OPTION #3:

CONTINUOUS ALUMINUM GEARED HINGE FM-SLF BY 'PEMKO'
FASTENED TO FRAME AND LEAF WITH
(22) #12 X 1/2" FH SELF DRILLING SCREWS

SEALANTS:

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

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E3008	AS REQD.	DOOR FRAME HEAD/SILL	6063-T6	-
2	E1018	AS REQD.	FRAME COVER	6063-T6	-
3	E3006	AS REQD.	DOOR FRAME JAMB	6063-T6	-
4	E3011	AS REQD.	SIDELITE TOP & BOTTOM FRAME	6063-T6	-
5	E3007	AS REQD.	SIDELITE JAMB FEMALE	6063-T6	-
6	E3009	AS REQD.	SIDELITE JAMB MALE	6063-T6	-
7	E3010	AS REQD.	SIDELITE SLIP ON JAMB	6063-T6	-
8	E3001	AS REQD.	LEAF TOP & BOTTOM RAIL	6063-T6	-
8A	E3020	AS REQD.	HIGH BOTTOM RAIL	6063-T6	-
9	E3005	AS REQD.	LEAF W'STRIP ADAPTER	6063-T6	-
10	E3002	AS REQD.	HINGE STILE	6063-T6	-
11	E3003	AS REQD.	LOCK STILE	6063-T6	FOR LOCK OPTIONS #1 & #2
11A	E3024	AS REQD.	ALT. LOCK STILE	6063-T6	FOR LOCK OPTION #3
12	E3004	AS REQD.	ASTRAGAL STILE	6063-T6	FOR LOCK OPTIONS #1 & #2
12A	E3023	AS REQD.	ALT. ASTRAGAL STILE	6063-T6	FOR LOCK OPTION #3
13	E3014	AS REQD.	SNAP COVER	6063-T5	-
14	E3013	AS REQD.	SIDELITE ALUM REINF, 72" LONG, CENTERED IN SPAN	6063-T6	-
14A	-	AS REQD.	SIDELITE STEEL REINF, 72" LONG, CENTERED IN SPAN	STEEL	A36, Fu MIN. = 58 KSI
15	E3015	AS REQD.	SHEAR BLOCK	6063-T6	3" LONG
15A	E3019	AS REQD.	SHEAR BLOCK	6063-T6	3" LONG
16	E3016	AS REQD.	SHEAR BLOCK NUT	6063-T6	3" LONG
16A	E3016	2/ HINGE	HINGE BACK-UP PLATE	6063-T6	8-1/2" LONG @ FRAME, 4-3/4" LONG @ LEAF
17	E9001	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
17A	E9002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
17B	E9003	AS REQD.	GLAZING BEAD (CLADDED PANEL)	6063-T6	-
18	E3012	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6	-
19	G30-01	AS REQD.	INTERIOR GLAZING SPACER	SANTOPRENE	DUROMETER 70±5 SHORE A
20	G10-04	AS REQD.	EXTERIOR GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
21	G30-02	AS REQD.	DOUBLE FIN AIR SEAL W'STRIPPING	SANTOPRENE	DUROMETER 70±5 SHORE A
22	W71325NK	AS REQD.	PILE W'STRIPPING	WOOL	ULTRAFAB
23	G10-05	AS REQD.	BULB W'STRIPPING	SANTOPRENE	EPDM
24	-	2/ LITE	SETTING BLOCK, 1/8" X 1" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
26	#12 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	HWH SMS
27	3/8 X 1"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HEX SOCKET HEAD SCREWS
28	#12 X 1-1/2"	AS REQD.	SHEAR BLOCK FASTENERS	ST. STEEL	HWH SMS
29	E3026	AS REQD.	WINDOW FRAME	6063-T6	-
30	E3027	AS REQD.	WINDOW FRAME COVER	6063-T6	-
31	A60-04	1/ CORNER	FRAME ALIGNMENT KEY	ST. STEEL	-
32	G25-01	AS REQD.	WINDOW GLAZING SPACER	SANTOPRENE	DUROMETER 70±5 SHORE A
33	-	2/LITE	SETTING BLOCK	-	AT 6" FROM EACH END
34	#8 X 1/2"	AS REQD.	WINDOW INSTALLATION SCREWS, AT 3" FROM ENDS & 12" O.C. MAX.	-	PH PH SMS



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FL #26942

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MIAMI, FLORIDA 33173
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SERIES 3000 ALUMINUM OUTSWING DOOR (L.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

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no date by description

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dr. by: TARIQ
chk. by:

drawing no.
18-36F
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LOCKS:

OPTION #1:

ACTIVE LEAF:

3 POINT LOCK ASSEMBLY DL01-6065 BY 'INTERLOCK USA INC.'
(1) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
1/2" DIA. BOLTS WITH 5/8" THROW (1) AT TOP ENGAGING FRAME
HEAD AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
1/2" DIA. BOLTS WITH 5/8" THROW AT TOP AND BOTTOM ENGAGING
FRAME HEAD AND FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM

OPTION #2:

ACTIVE LEAF:

SURFACE BOLTS BY 'SULLIVAN & ASSOC.'
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE,
LOCATED AT 12" AND 68" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8 X 3/4" FH SMS (2) SCREWS PER BOLT

INACTIVE LEAF

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
28" FROM TOP AND 12" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8 X 3/4" FH SMS (2) PER BOLT

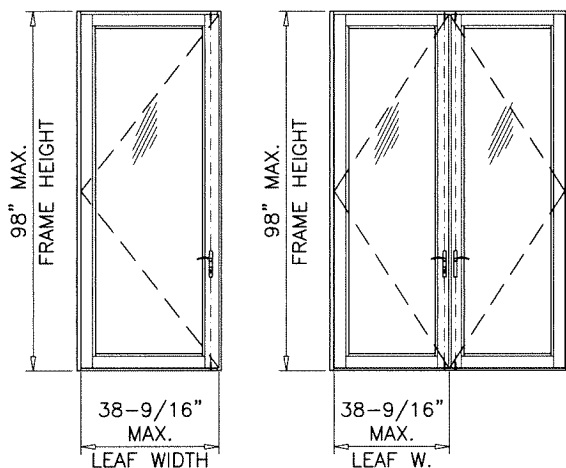
OPTION #3:

ACTIVE LEAF:

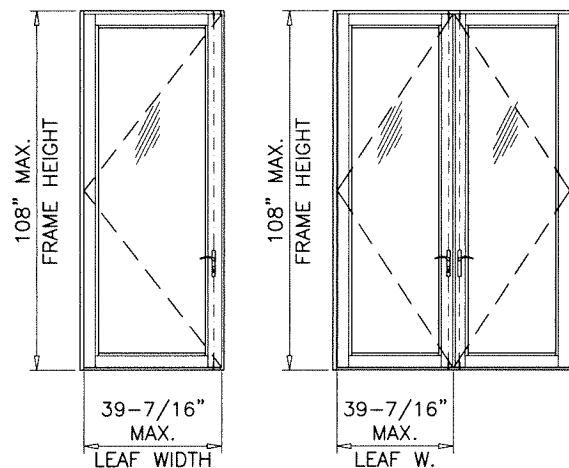
MULTI POINT LOCK ASSEMBLY DL01-6065 BY 'INTERLOCK USA INC.'
(3) LOCKING POINTS ENGAGING AT JAMB STRIKE PLATE
LOCATED AT 22", 39" AND 54-1/2" FROM BOTTOM
1/2" DIA. BOLTS WITH 5/8" THROW
(1) AT TOP ENGAGING FRAME HEAD AND
(1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

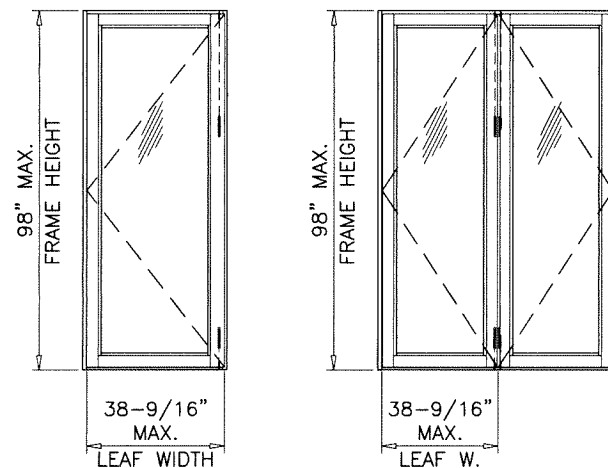
2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
1/2" DIA. BOLTS WITH 5/8" THROW AT TOP AND BOTTOM ENGAGING
FRAME HEAD AND FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM



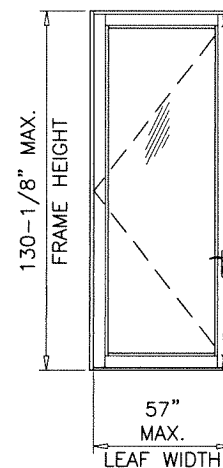
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-80 PSF



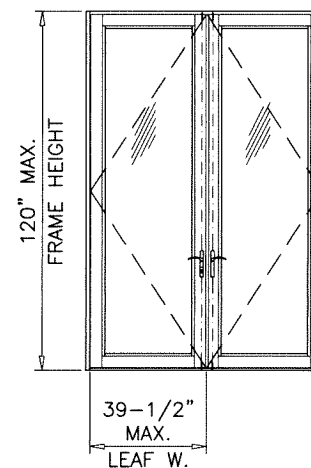
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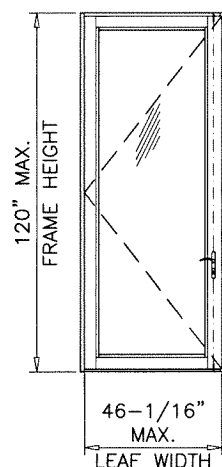
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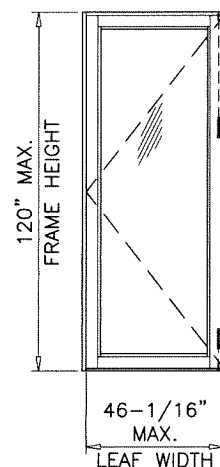
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-80 PSF



MAX. DESIGN LOAD = +60 PSF
-60 PSF



MAX. DESIGN LOAD = +65 PSF
-70 PSF



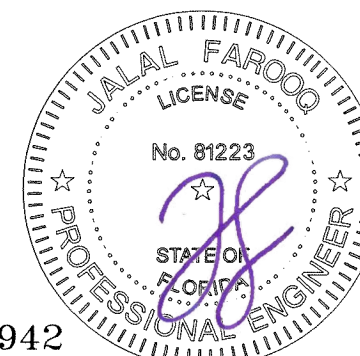
MAX. DESIGN LOAD = +65 PSF
-70 PSF

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

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ENGINEERS & PRODUCT DEVELOPMENT

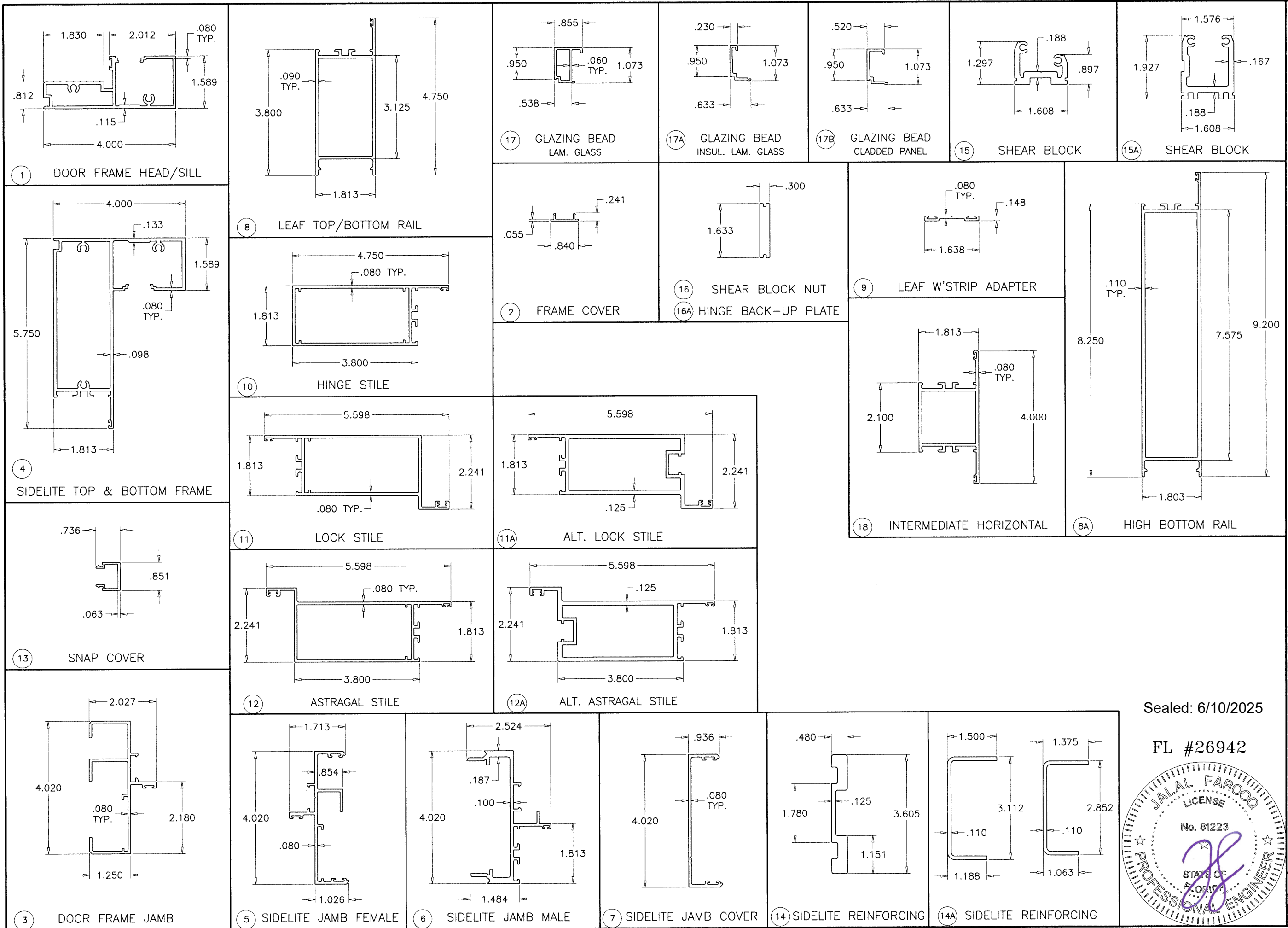
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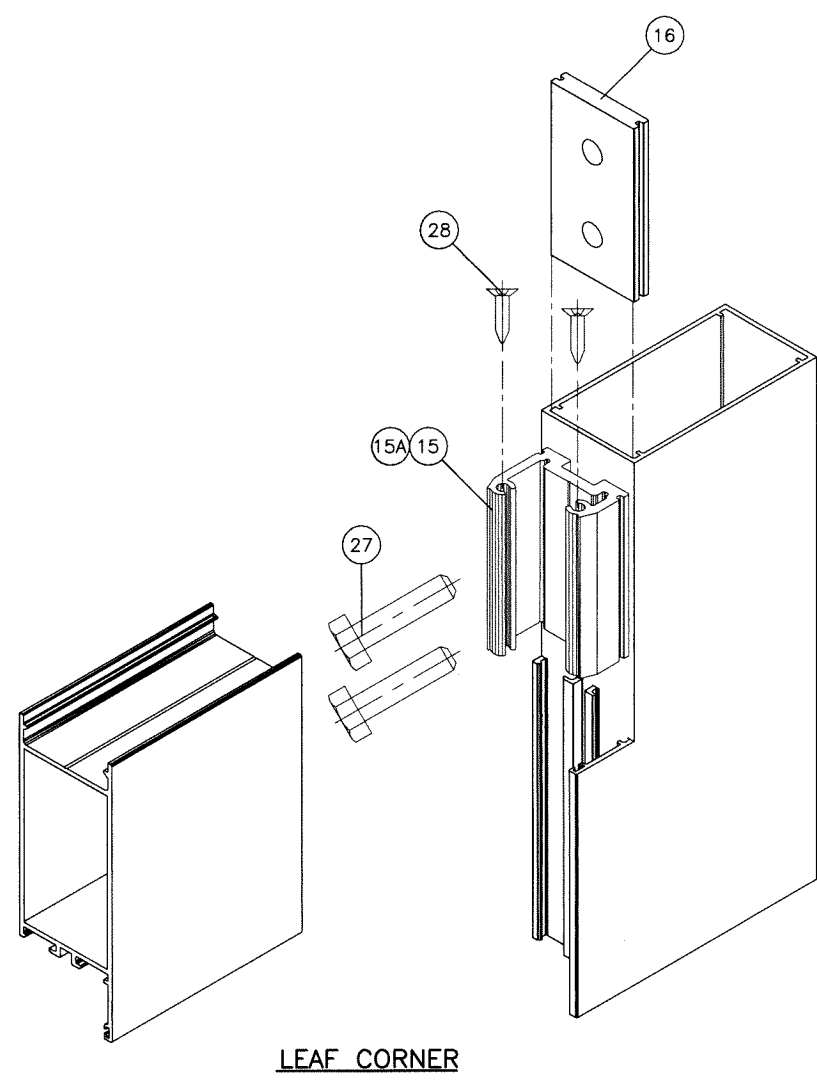
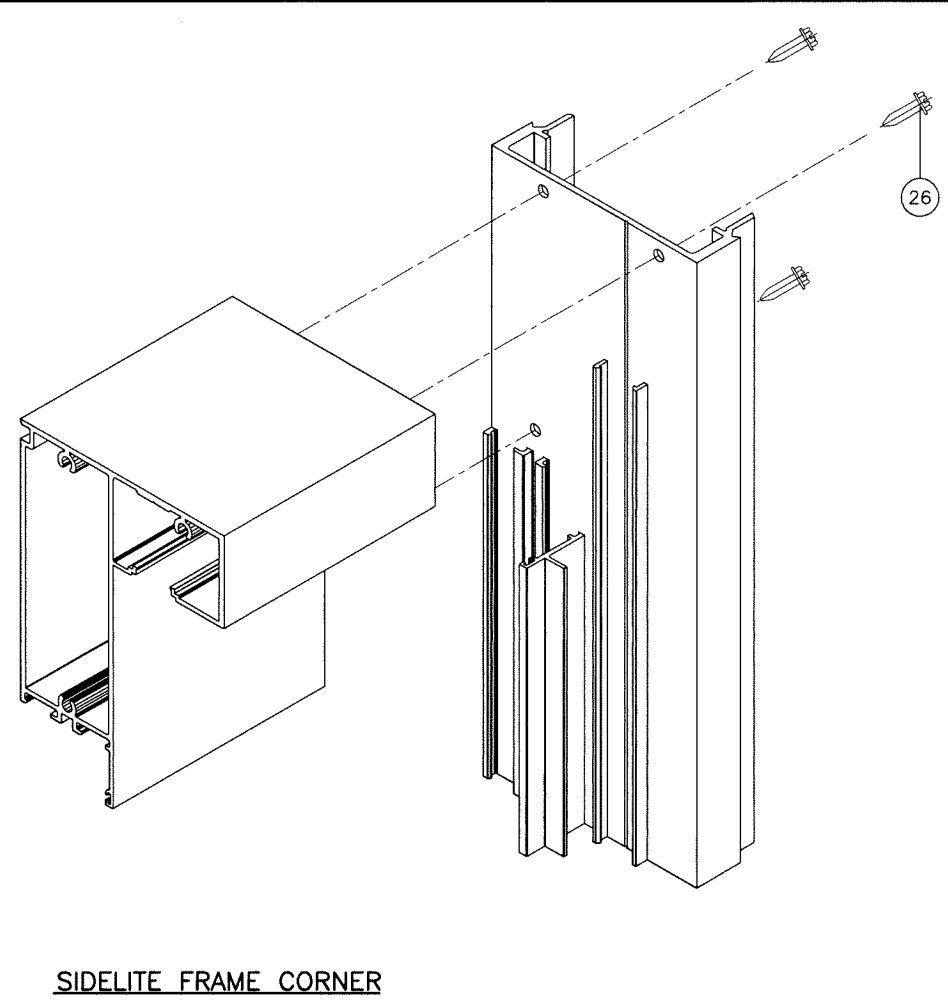
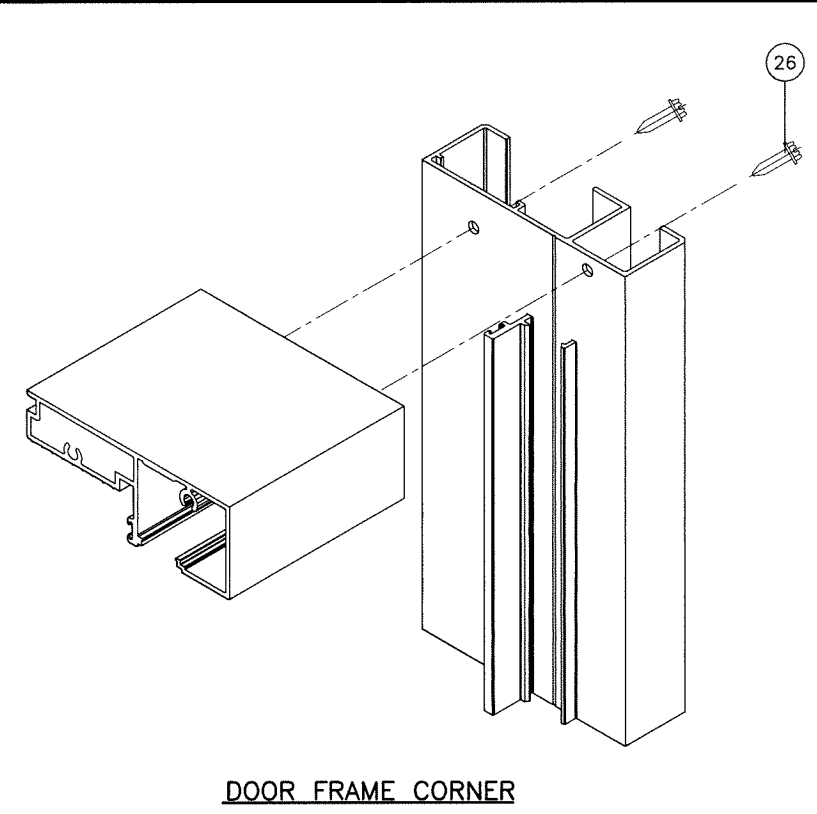
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29 WINDOW FRAME

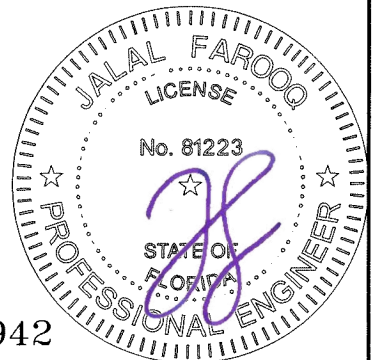
30 WINDOW FRAME COVER

31 WINDOW FRAME CORNER KEY



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