		OAD CAPA		·····			LOAD CAPACITY - PSF			
ANCHOR			5 'A', 'B',		ANCHOR		ANCHORS 'A', 'B', C' & 'D'			
SHIM S	SPACE	3/8" SHIM	1/2" M	AX. SHIM	SHIM SPACE		3/8" SHIM		AX. SHIM	
PANEL WIDTH	DOOR FRAME	6 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS		DOOR FRAME	6 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	
INCHES	HEIGHT INCHES	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. ()	PANEL WIDTH	HEIGHT INCHES	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
42		100.0	100.0	100.0	42		100.0	100.0	100.0	
48		100.0	100.0	100.0	48		100.0	93.5	100.0	
54		100.0	100.0	100.0	50	114	100.0	89.7	100.0	
60	82-7/8	100.0	100.0	100.0	60		75.0	74.8	75.0	
66	02-770	75.0	75.0	75.0	62		75.0	72.4	75.0	
72		75.0	75.0	75.0	42		100.0	100.0	100.0	
78		75.0	75.0	75.0	48	120	100.0	88.8	100.0	
84		75.0	73.5	75.0	50		75.0	75.0	75.0	
42		100.0	100.0	100.0	60	1	75.0	71.0	75.0	
48		100.0	100.0	100.0						
54		100.0	100.0	100.0						
60 62		100.0	100.0	100.0						
62 66	84	75.0	75.0	75.0						
72		75.0	75.0	75.0						
72		75.0	75.0	75.0						
84		75.0	75.0	75.0						
42		75.0 100.0	72.5	75.0 100.0						
48		100.0	100.0	100.0						
54		100.0	100.0	100.0						
60		100.0	100.0	100.0						
62	90	75.0	75.0	75.0						
66	50	75.0	75.0	75.0						
72		75.0	75.0	75.0						
78		75.0	75.0	75.0						
80		75.0	71.0	75.0						
42		100.0	100.0	100.0						
48		100.0	100.0	100.0						
54		100.0	98.7	100.0						
60		100.0	88.8	100.0						
62	96	75.0	75.0	75.0						
66		75.0	75.0	75.0						
72		75.0	74.0	75.0						
74		75.0	72.0	75.0						
42		100.0	100.0	100.0						
48		100.0	100.0	100.0						
50		100.0	100.0	100.0	=		_			
52		100.0	96.4	100.0	INSTR	RUCTIONS	<u>5:</u>			
54	102	100.0	92.9	100.0		USE CH	ARTS AS FOI	LLOWS.		
56		100.0	89.5	100.0	STEP	1 DETERM	INE DESIGN	WIND LOAD	REQUIREM	
60		75.0	75.0	75.0	<u>, , , , , , , , , , , , , , , , , , , </u>	- ON WIN	ID VELOCITY,	BLDG. HEIG	SHT, WIND	
62		75.0	75.0	75.0			APPLICABLE A			
66		75.0	75.0	75.0	<u>STEP</u>	2 DETERM FOR TH	INE DOOR CA		OM TABLE (
70		75.0	71.6	75.0	0750					
42		100.0	100.0	100.0	<u>STEP</u>	DESIGN	USING CHARTS ABOVE SELECT ANCHOR O DESIGN RATING MORE THAN DESIGN LOAD			
48 50		100.0	98.7	100.0		IN STEP	P 1 ABOVE.			
50 60	108	100.0	94.7	100.0	<u>STEP</u>		WEST VALUE			
60 62		75.0	75.0	75.0		SHALL	APPLY TO EN	IIIRE SYSTE	.M.	
		75.0	75.0	75.0	<u>STEP</u>		IEET 8 TO DI			
66		75.0	71.6	75.0		DIMENS	IONS FOR UN	MINCHURED	JAMBS.	

THESE	DO	ORS	ARE	RATED	FOR	LAR
SHUTTE	ERS	ARE	NOT	REQUI	RED.	

SERIES 1100 (L.M.I.) ALUMINUM SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA

DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE

WATER INFILTRATION RESISTANCE ETC. AND TO BE REVIEWED BY BUILDING OFFICIAL.

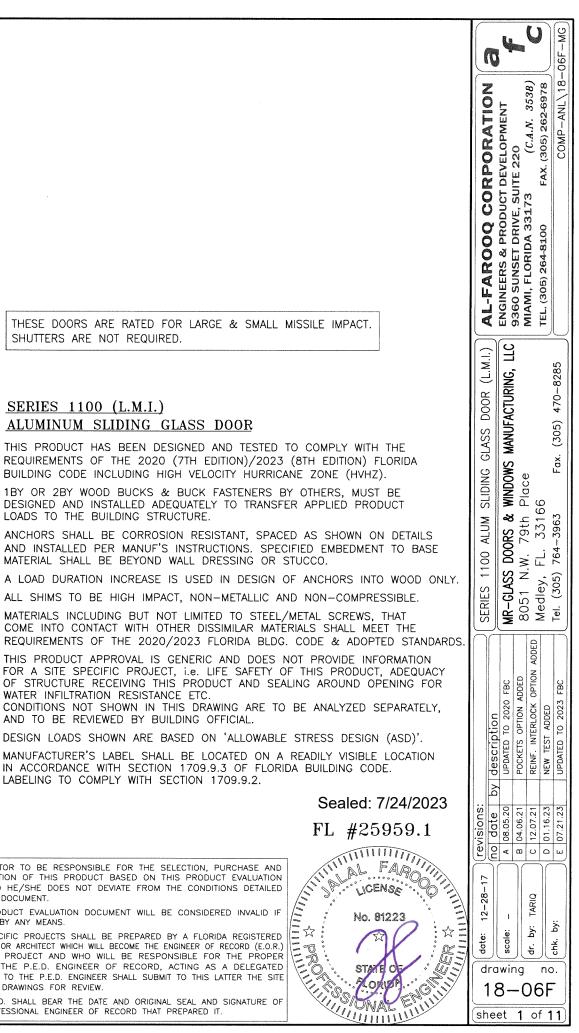
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

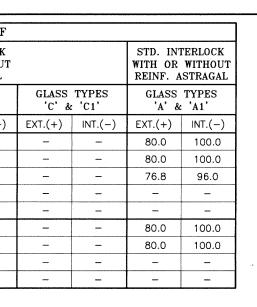
- REQUIREMENT BASED HT, WIND ZONE NDARD.
- OM TABLE ON SHEET 1.1

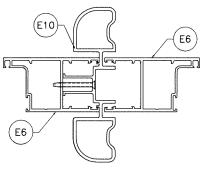
- ANCHOR OPTION WITH SIGN LOAD SPECIFIED
- FROM STEPS 2 AND 3
- IIN. AND MAX. GAP JAMBS.

- 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.
- 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.
- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



[OR DESIC	N LOAD	CAPACITY	- DCF					1			ΩΩ	OR DESIG	N LOAD	CAPACITY	/ PSF
			000	JK DESIG	IN LUAD		TERLOCK			STD IN	TERLOCK			[IN LOAD		TERLOCK
		STD. IN WITHOUT				WITH OR	WITHOUT STRAGAL			WITH OR	WITHOUT ASTRAGAL			STD. IN WITHOUT		4		WITH OR	WITHOUT STRAGAL
AVERAGE	DOOR FRAME		TYPES		TYPES		TYPES		TYPES		TYPES	AVERAGE	DOOR FRAME		TYPES		TYPES		TYPES
PANEL WIDTH	HEIGHT	'A' & EXT.(+)	INT.(-)	A 8 EXT.(+)	('A1'	В 8 EXT.(+)	(*B1)	EXT.(+)	: 'C1'	A 8 EXT.(+)	('A1'	PANEL WIDTH		EXT.(+)	: 'A1' INT.(-)	EXT.(+)	k 'A1'	EXT.(+)	& 'B1'
INCHES 42	INCHES	65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0	42	INCHES	65.0	75.0	-	-	60.0	60.0
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0	48		65.0	75.0		-	60.0	60.0
54		65.0	75.0	71.1	88.9	71.1	80.0	71.1	80.0	80.0	88.9	50	114	65.0	75.0	_	_	60.0	60.0
60		65.0	75.0	64.0	80.0	60.0	60.0	-		64.0	80.0	60		65.0	75.0	_	-	_	-
66	82-7/8	65.0	75.0	-	-	60.0	60.0	-		-	-	62		65.0	75.0		-	-	-
72		65.0	75.0	-	-	_	-		_	-	_	42		65.0	75.0	-	-	60.0	60.0
78		65.0	75.0	-	-	-	-			-	-	48	120	65.0	75.0	-	-	60.0	60.0
84		65.0	75.0	-	_	-	-		-	-	-	50		65.0	75.0	-	-		-
42		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0	60		65.0	75.0	-		-	
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0								
54		65.0	75.0	71.1	88.9	71.1	80.0	71.1	80.0	71.1	88.9								
60		65.0	75.0	64.0	80.0	60.0	60.0	-	_	64.0	80.0				E	7			
62	84	65.0	75.0	-		60.0 60.0	60.0 60.0		-	-		(E6						
66 72		65.0 65.0	75.0 75.0	_		- 00.0	- 60.0		_		_	Ì	تا		~-5		-(E1	3) ~(E6
72		65.0	75.0	_	_	_	_		_	-	_				<u>ה</u> הה				
84		65.0	75.0	-	_		_		_		_			ſ	[
42		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0	1				5			ام ا
48		65.0	75.0	80.0	100.0	80.0	80.0	80.0	80.0	80.0	100.0		196.57						
54		65.0	75.0	71.1	88.9	60.0	60.0	-	_	71.1	88.9		E6	\searrow		(E6)			
60		65.0	75.0	-	-	60.0	60.0	_	-	64.0	80.0		\subseteq			\bigcirc			
62	90	65.0	75.0	_		60.0	60.0		-	-	_								
66		65.0	75.0	-	-	-	-			-	-		STD. II	<u>NTERLO</u>	<u>CK</u>	<u>S'</u>	TD. AST	<u>rragal</u>	
72		65.0	75.0	-		-	-	-	-	-	-								
78		65.0	75.0	-	-	-	-	-	-	-	-	-							
80		65.0	75.0	-	-	-	-	80.0	80.0	80.0	- 100.0	•							
42 48		65.0 65.0	75.0 75.0	80.0 80.0	100.0	80.0 80.0	80.0 80.0	80.0	80.0	80.0	100.0	-							
40 54		65.0	75.0	71.1	88.9	60.0	60.0			71.1	88.9	-							
60	96	65.0	75.0	_	-	60.0	60.0	-	_	64.0	80.0								
62	50	65.0	75.0	_	_	_	_	-	-	_									
66		65.0	75.0	_	-	_	-	-	-		-								
72		65.0	75.0	_	-	-	-	-	-	-]							
74		65.0	75.0		-			-	-	_	-								
42		65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0								
48		65.0	75.0	80.0	100.0	60.0	60.0	-	-	80.0	100.0								
50		65.0	75.0	-	-	60.0	60.0	-	-	76.8	96.0	4							
52		65.0	75.0		-	60.0	60.0	-	-	73.8	92.3								
54	102	65.0	75.0			60.0	60.0	-	-	71.1 68.6	88.9 85.7	-							
56 60		65.0 65.0	75.0 75.0			60.0	60.0					-							
62		65.0	75.0		_		_	_	_										
66		65.0	75.0			-	-	_		-	-	4							
70		65.0	75.0			-	-	-	_	-	-	1	TALLATIONS						
42		65.0	75.0	80.0	100.0	60.0	60.0		_	80.0	100.0		EXTERIOR		10 +76.	/ PSF FOF	x 2-13/16	5 SILL HE	JGHIS
48		65.0	75.0	80.0	100.0	60.0	60.0	-		80.0	100.0								
50	108	65.0	75.0	-		60.0	60.0	_	-	76.8	96.0	REINF. A	STRAGAL OI	NLY IN CO	NFIGURATI	ONS THAT	REQUIRE A	STRAGAL.	
60	100	65.0	75.0	_	_		-	-	-	73.8	92.3								
62		65.0	75.0		-	_	-		_	-									
66		65.0	75.0	_		<u> </u>	_		_	-	_	J	AVERAGE	PANEL W		DOOR FRA			Se

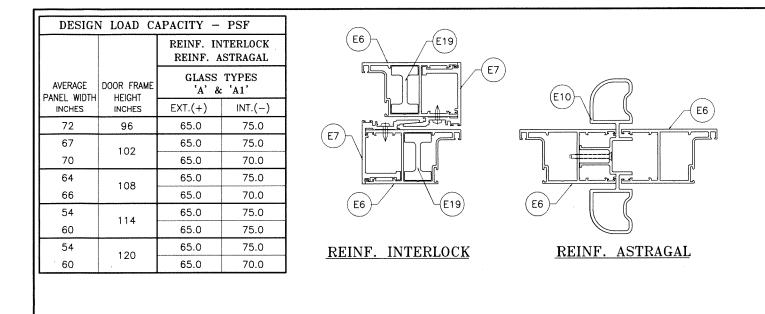




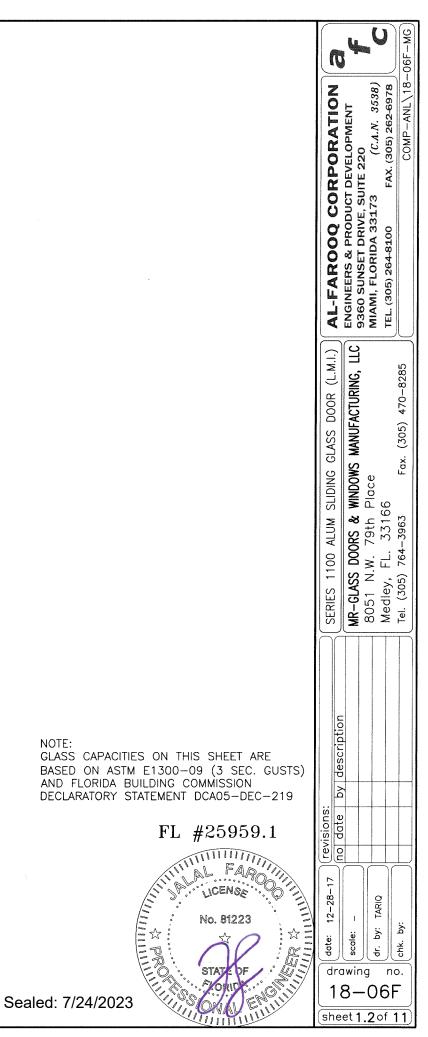


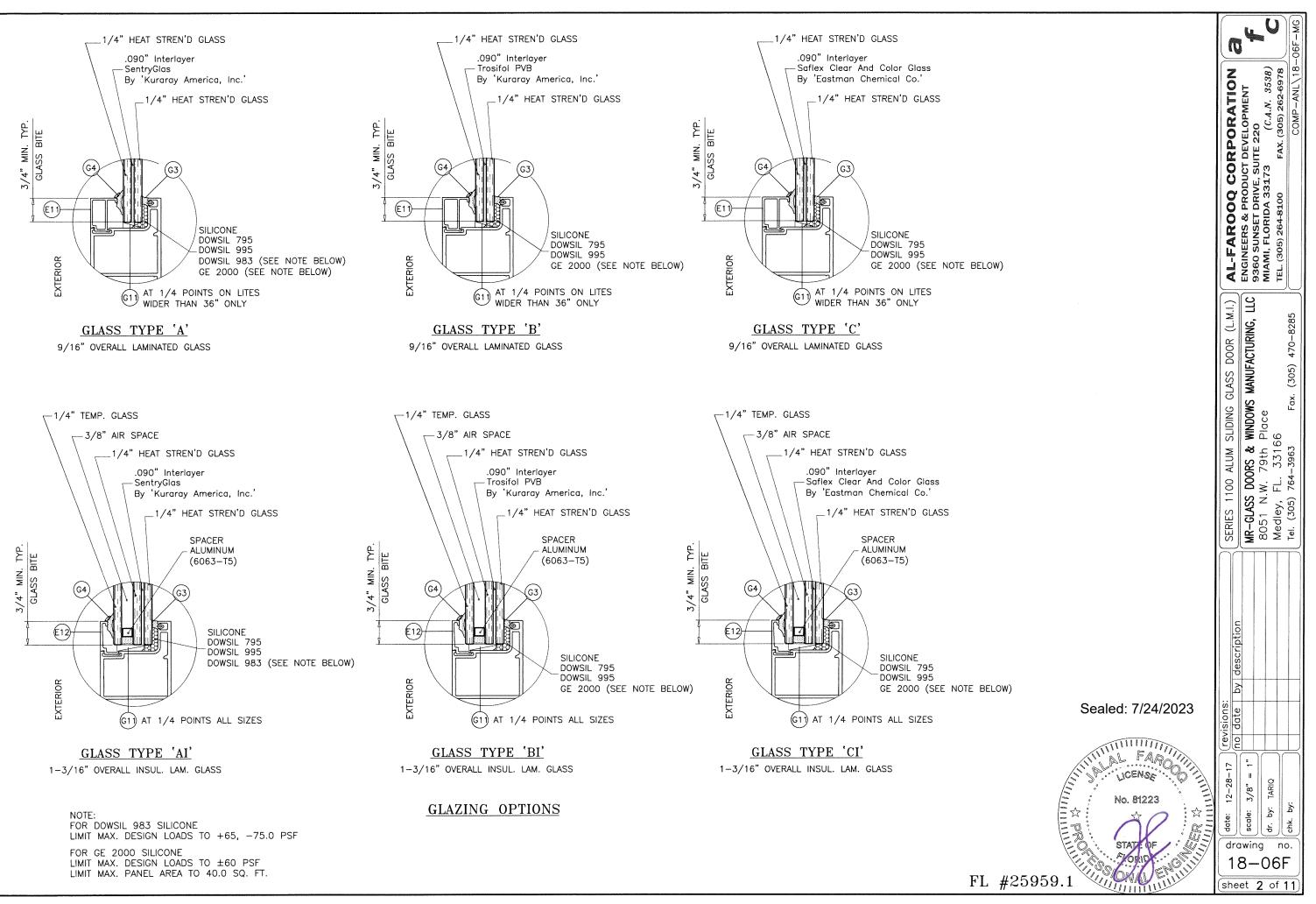


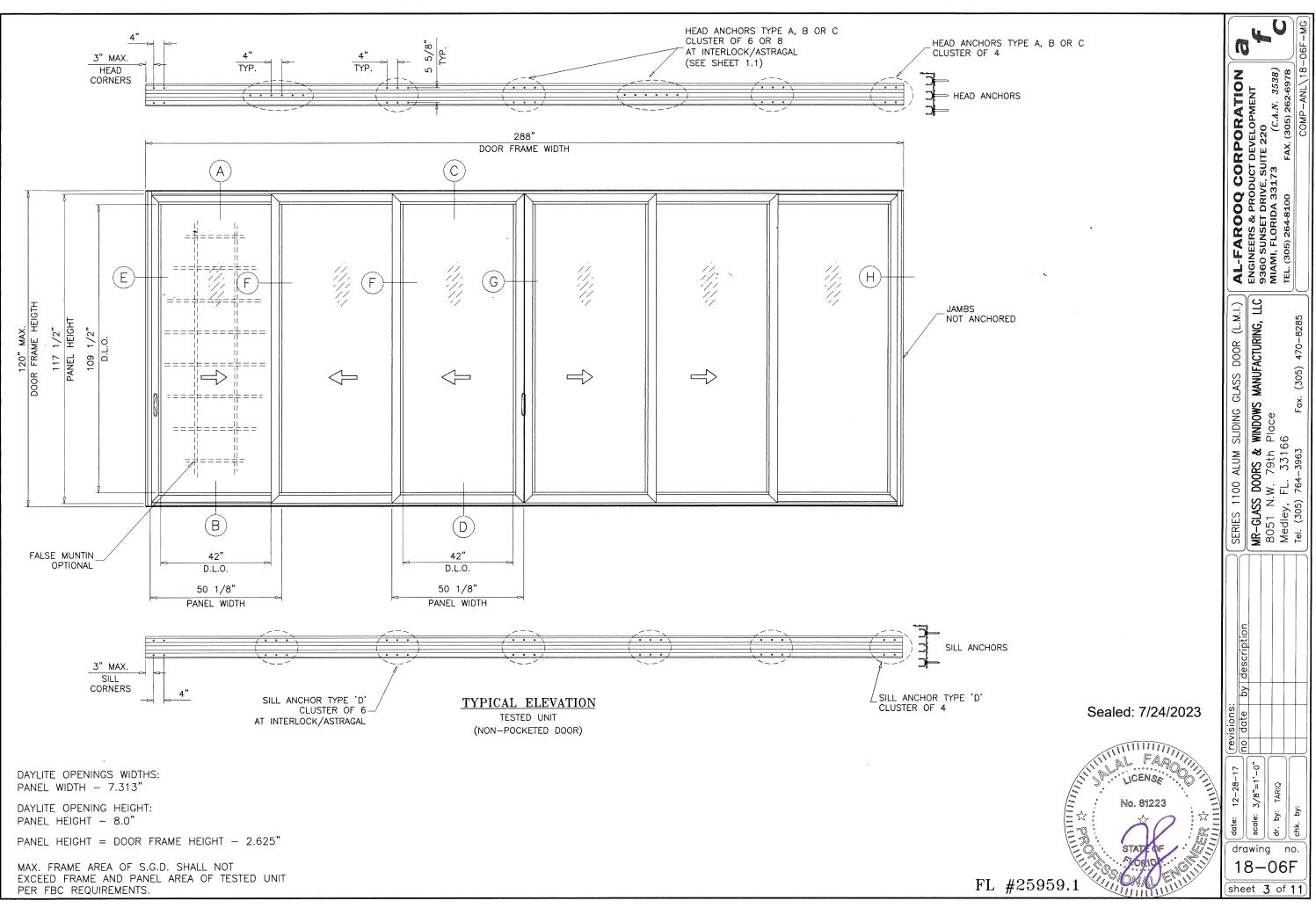


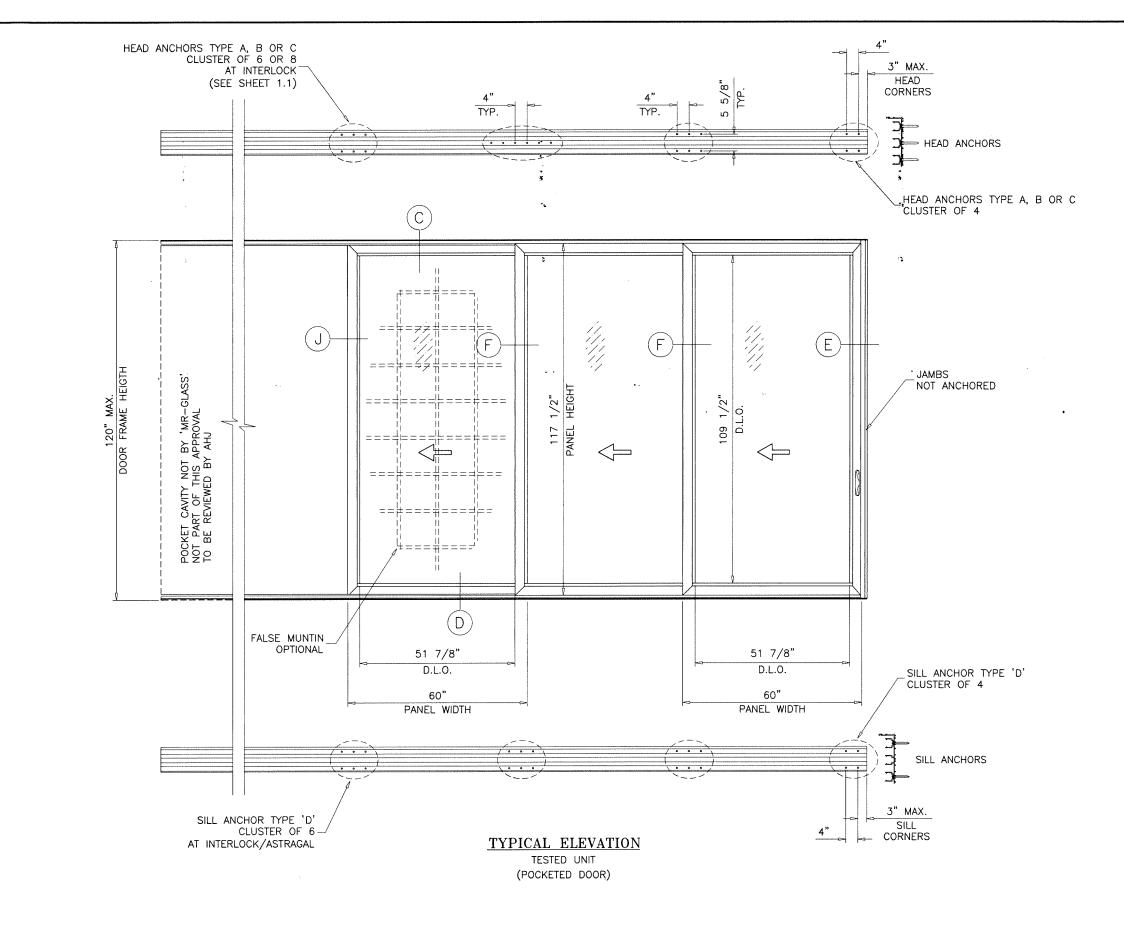


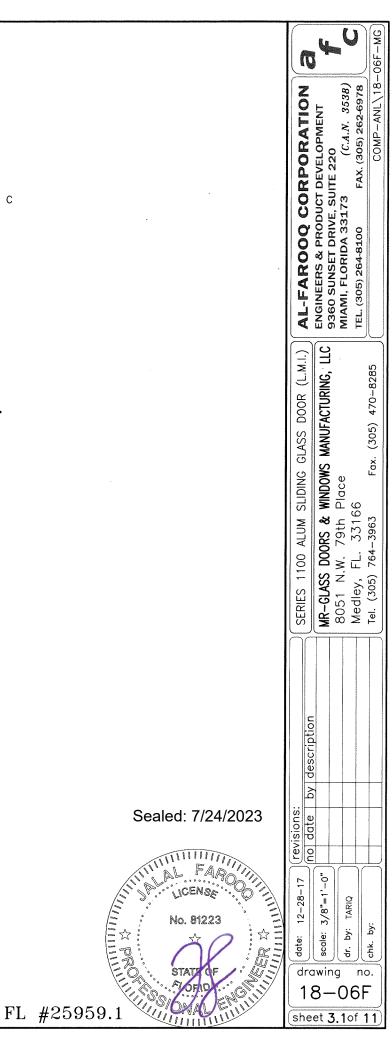
DOOR FRAME WIDTH AVERAGE PANEL WIDTH = NUMBER OF PANELS





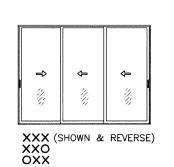




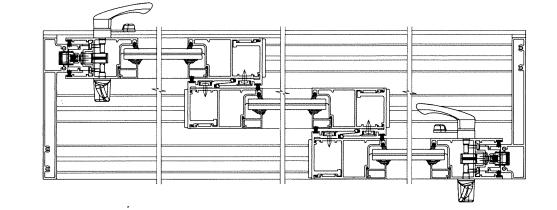


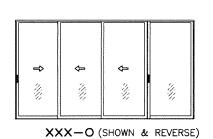
NOTE:

- SHEET 1.

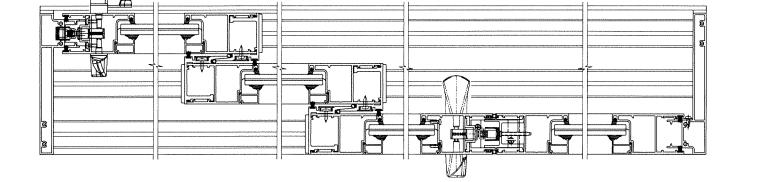


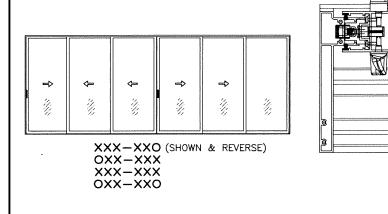
.

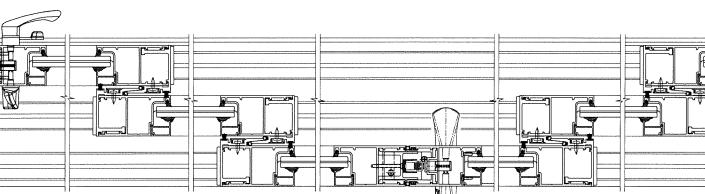




O-XXX

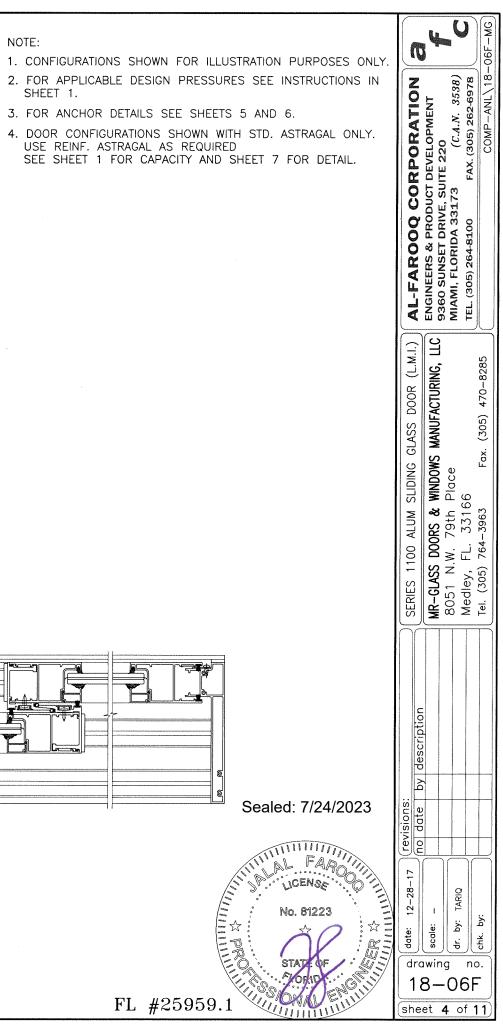


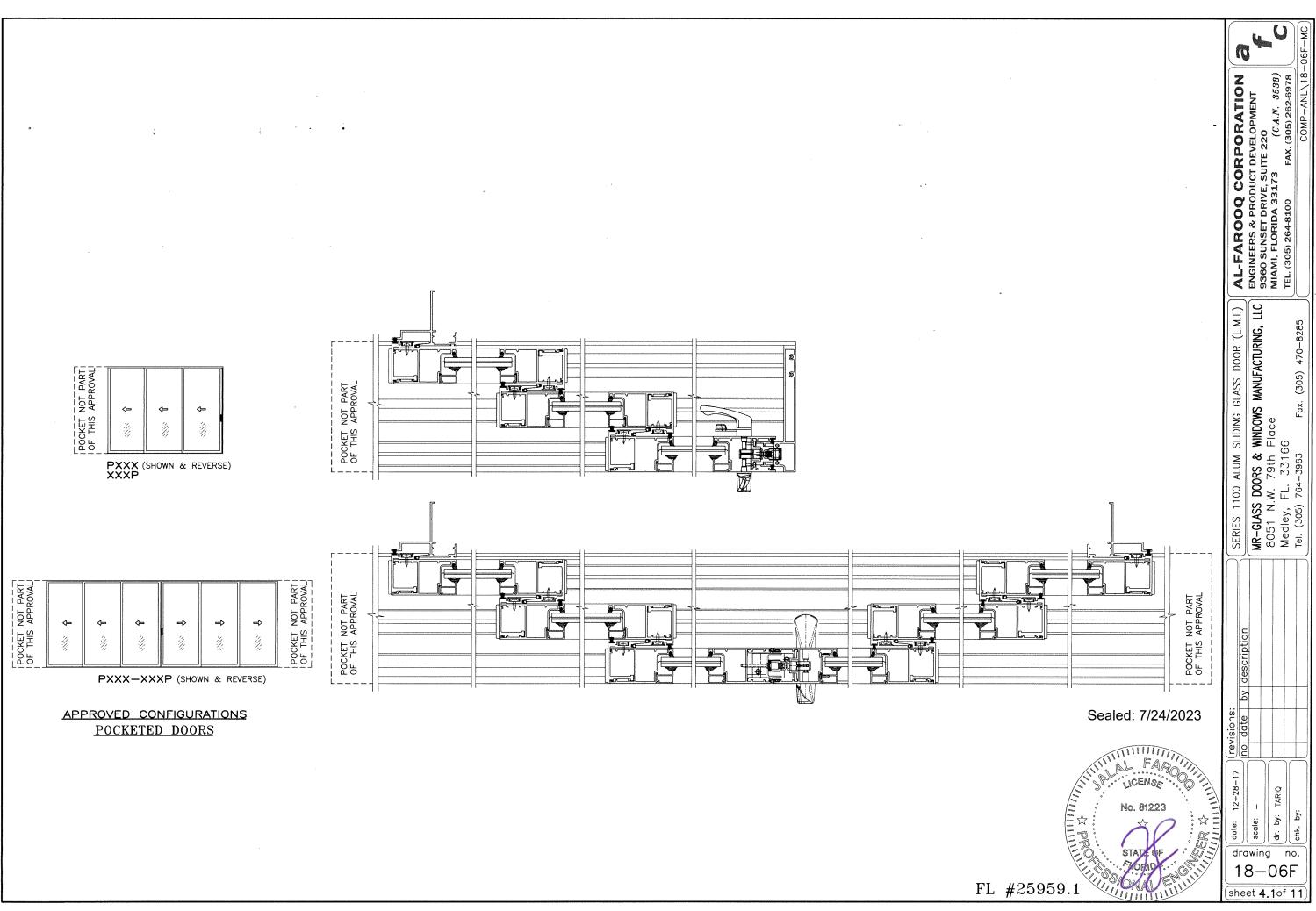


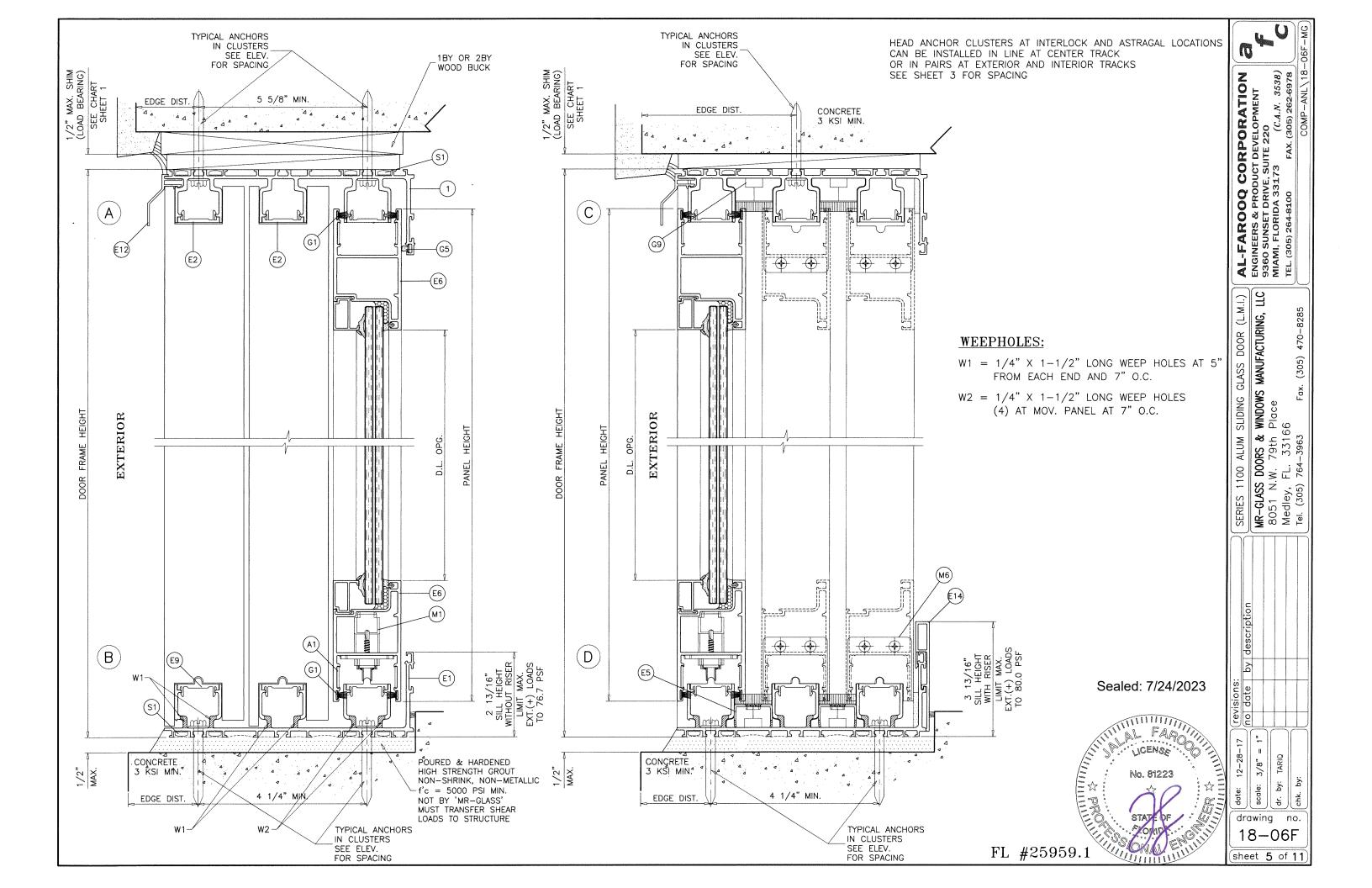


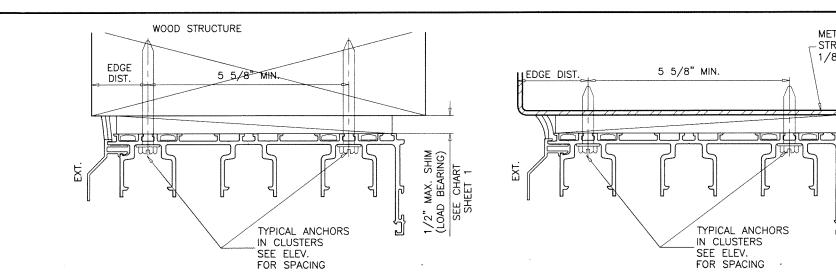
APPROVED CONFIGURATIONS

NON-POCKETED DOORS

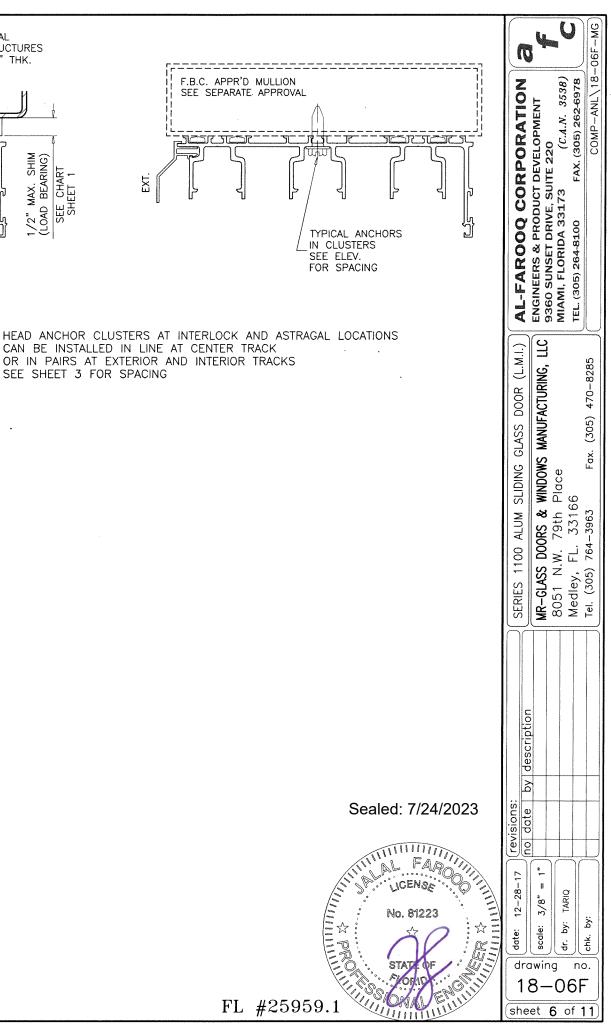








.



CAN BE INSTALLED IN LINE AT CENTER TRACK OR IN PAIRS AT EXTERIOR AND INTERIOR TRACKS SEE SHEET 3 FOR SPACING

METAL STRUCTURES

MAX. SHIM D BEARING)

1/2" M (LOAD

SEE CHART SHEET 1

1/8" THK.

J M

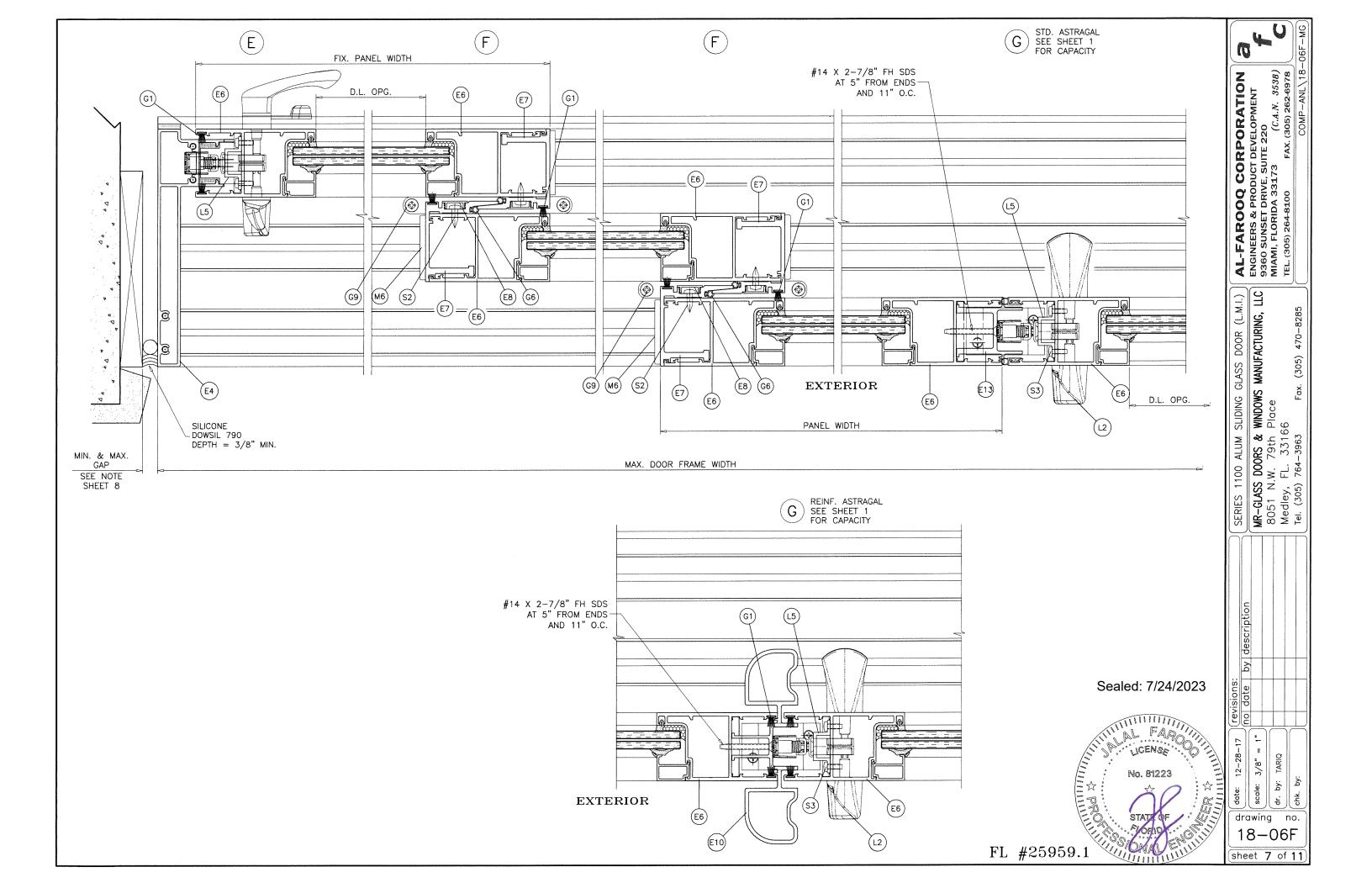
1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'MR-GLASS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

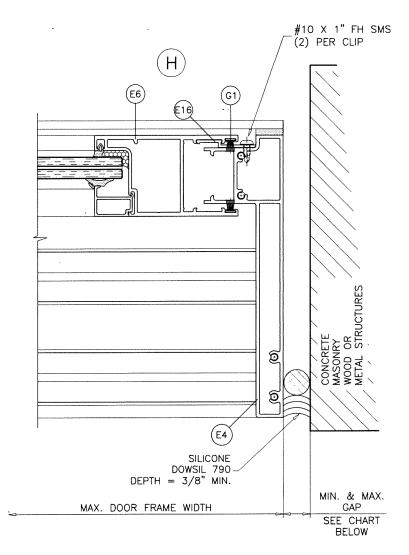
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

Fy=155 KSI)
Fy=155 KSI)
S
KSI)

INTO CONCRETE AT HEAD/SILL = 1-3/4" MIN. INTO WOOD STRUCTURE = 1-1/4" MIN. INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD SG = 0.55 MIN. CONCRETE AT HEAD, SILL f'c = 3000 PSI MIN.





MAX. FRAME	GAP			
HEIGHT	MIN.	MAX.		
96"	5/16"	3/4"		
108"	3/8"	3/4"		
120"	7/16"	3/4"		

NOTE:

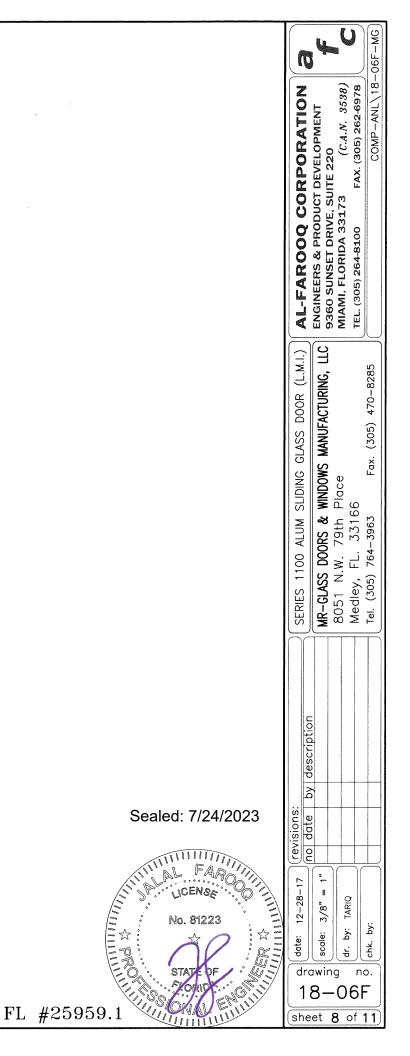
• 4

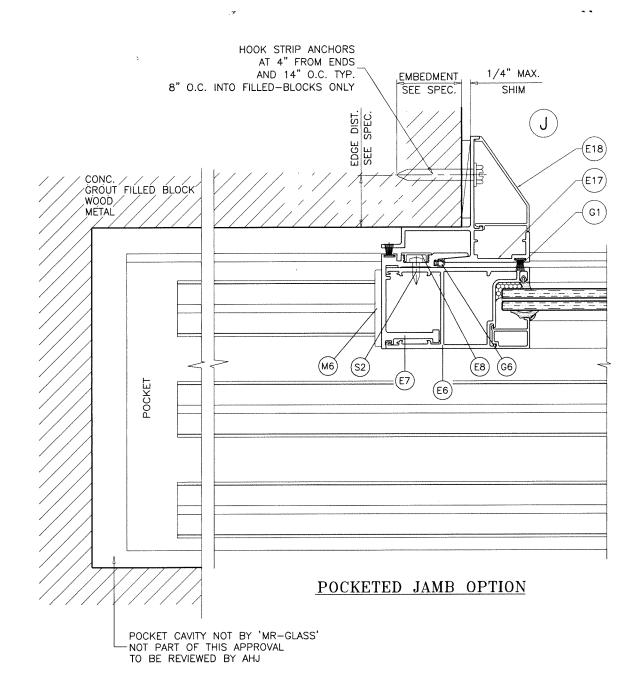
•

MAX. MOVEMENT CONSIDERED=100% STRETCH. PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY. REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.





HOOK STRIP ANCHORS:

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD

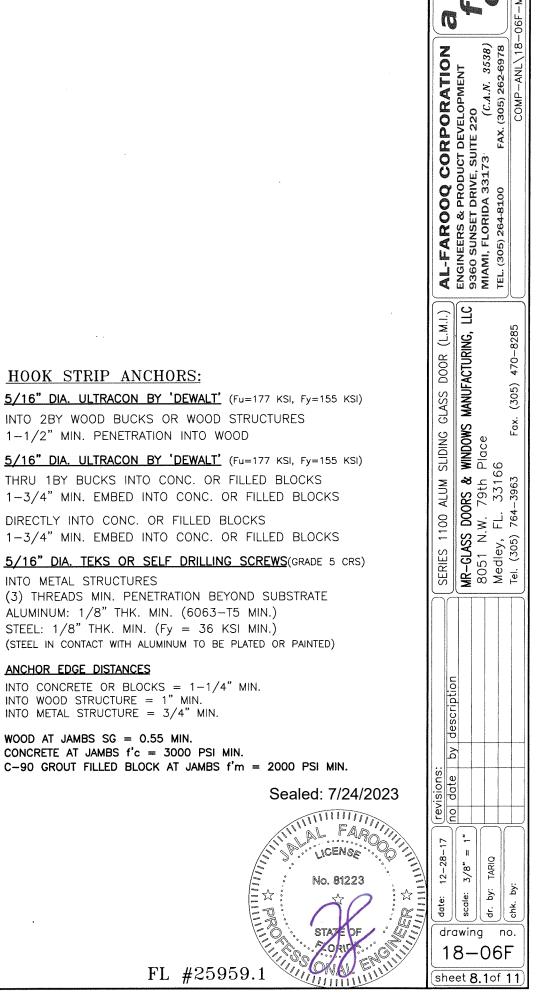
DIRECTLY INTO CONC. OR FILLED BLOCKS

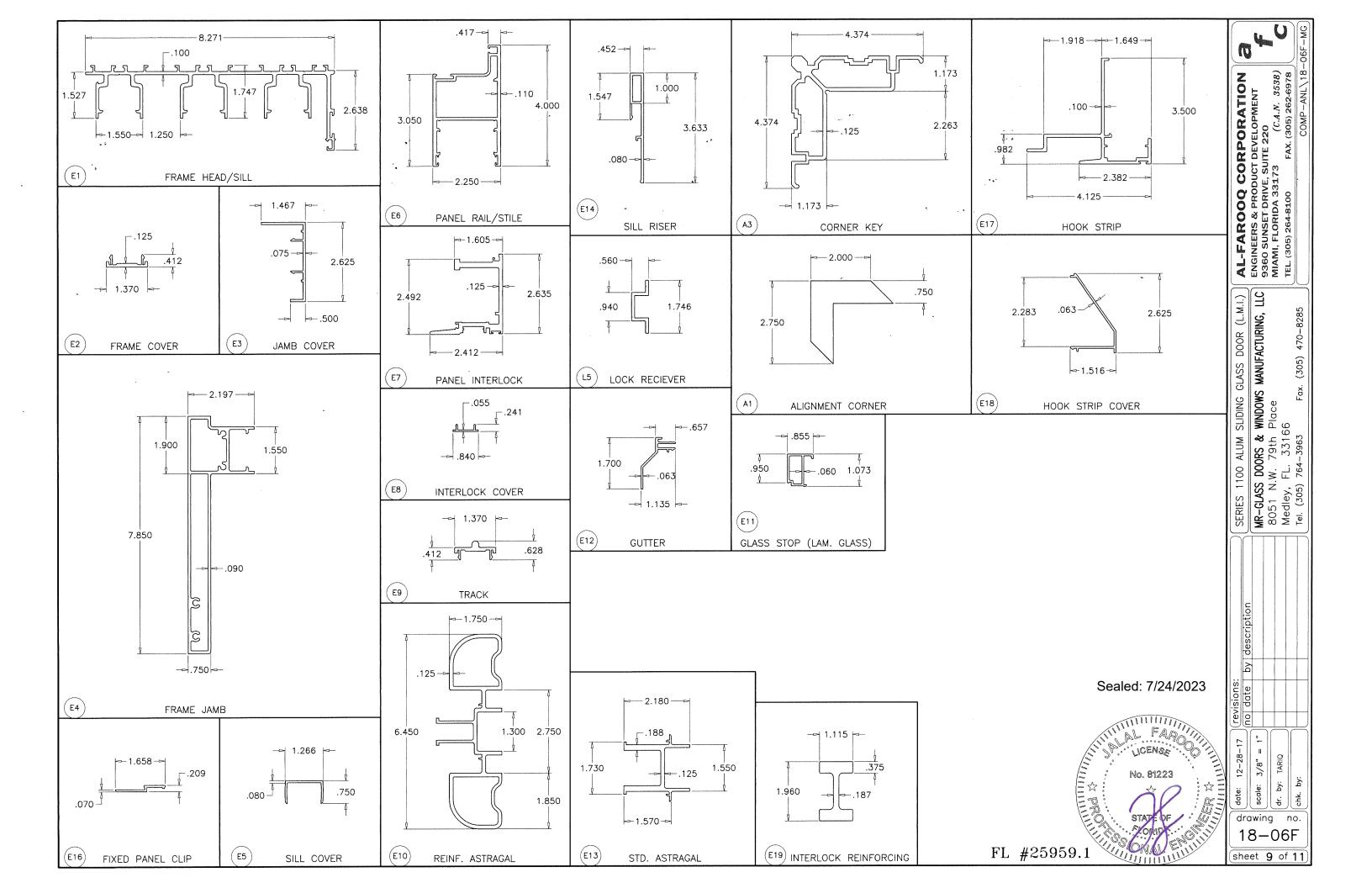
INTO METAL STRUCTURES ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ANCHOR EDGE DISTANCES

INTO CONCRETE OR BLOCKS = 1-1/4" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT JAMBS SG = 0.55 MIN. CONCRETE AT JAMBS f'c = 3000 PSI MIN.





ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	E-1101	2	FRAME HEAD/SILL	6063-T6	-
E2	E-1008	AS REQD.	FRAME COVER	6063-T5	_
E3	_	AS REQD.	JAMB COVER	6063-T5	
E4	E-1102	2	FRAME JAMB	6063-T6	_
E5	E-9006	AS REQD.	SILL COVER	6063-T5	
E6	E-1010	AS REQD.	PANEL RAIL/STILE	6005-T5	
E7	E-1011	AS REQD.	PANEL INTERLOCK	6005-T5	
E8	E-1018	AS REQD.	INTERLOCK COVER	6063-T5	-
E9	E-1007	1/ MOV. PANEL	TRACK	6063-T5	
E10	E-1013	AS REQD.	REINF. ASTRAGAL	6005-T5	
E11	E-9001	4/ PANEL	GLASS STOP (LAM. GLASS)	6063-T6	_
E12	E-1016	AS REQD.	GUTTER	6063-T5	
E13	E-1012	AS REQD.	STD. ASTRAGAL	6005-T5	
E14	E-1014	AS REQD.	3–5/8" SILL RISER	6063-T6	-
E16	E-1021	3/ PANEL	FIXED PANEL CLIP, AT 17" FROM ENDS & 40" O.C.	6063-T5	EACH FASTENED WITH (2) #10 X 1" FH SMS
E17	E-1022	AS REQD.	HOOK STRIP	6063-T6	-
E18	E-1023	AS REQD.	HOOK STRIP COVER	6063-T6	-
E19	E-9008	AS REQD.	INTERLOCK REINFORCING	6063-T6	
G1	W71325NK	AS REQD.	TRI FIN PILE W'STRIPPING		ULTRAFAB
G2		AS REQD.	COMPRESSION GASKET	EPDM	DUROMETER 70±5 SHORE A
G3	G10-03	AS REQD.	OFFSET GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
G4	G10-04	AS REQD.	WEDGE GASKET	EPDM	DUROMETER 70±5 SHORE A
G5	G10-06	AS REQD.	AIR SEAL GASKET	SANTOPRENE	ULTRAFAB
G6	G10-06	AS REQD.	INTERLOCK GASKET	POLYPROPYLENE	ULTRAFAB
G8			1/4" THK. FOAM PAD	POLYETHYLENE	-
G9	G10-09		AIR SEAL BRIDGE AT INTERLOCK	POLYAMIDE	-
G10		-	AIR SEAL BRIDGE AT MTG. STILE	POLYAMIDE	-
G11		AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
A1	A10-01	_	ALIGNMENT CORNER	6063-T5	-
A3	E-9005	-	CORNER KEY	6063-T6	-
L1	L10-01		2 POINT MORTISE LOCK & HANDLE		INTERLOCK
L2	PS01-7102	-	2 POINT MORTISE LOCK & HANDLE		INTERLOCK
L3	PS01-1005	_	ADJUSTABLE STRIKER	_	INTERLOCK
L5	E-1017	-	LOCK RECIEVER	6063-T5	
M1	M10-10A	2 PANEL	ROLLER ASSEMBLY AT 9" FROM ENDS	ST. STEEL/ACETAL	FASTENED WITH (2) 12-24 X 3/4" PH MS
M6	M10-06	AS REQD.	PANEL GUIDES	NYLON	-
M7	M10-07	AS REQD.	PANEL GUIDES	NYLON	-
S1	#12 X 1 1/2"	4/ CORNER	FRAME ASSEMBLY FASTENERS	ST. STEEL	HWH SDS
S2	10-24 X 1/2"	AS REQD.	INTERLOCK FASTENERS, AT 6" FROM ENDS AND 12" O.C.	ST. STEEL	PH TC MS
S3	#8-18 X 1/2"	AS REQD.	LOCK RECIEVER FASTENERS	AISI 304	PHILIP PH SMS
S4	#10 X 1/2"	AS REQD.	PANEL ASSEMBLY FASTENERS	ST. STEEL	FH SMS

SEALANT:

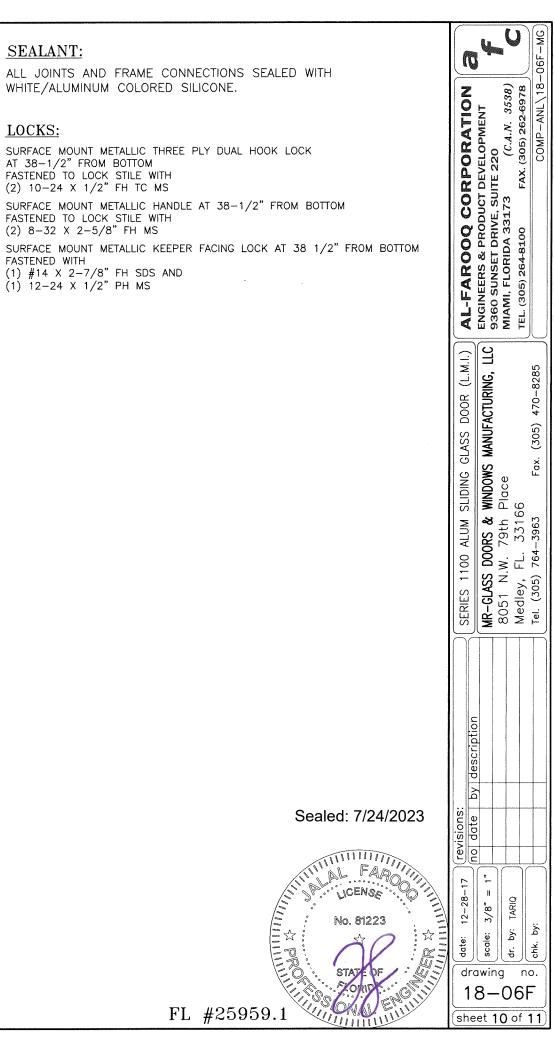
WHITE/ALUMINUM COLORED SILICONE.

LOCKS:

SURFACE MOUNT METALLIC THREE PLY DUAL HOOK LOCK AT 38-1/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) 10-24 X 1/2" FH TC MS

(2) 8-32 X 2-5/8" FH MS

FASTENED WITH (1) #14 X 2-7/8" FH SDS AND (1) 12-24 X 1/2" PH MS



sheet 10 of 11

