

HEAD/SILL ANCHOR LOAD CAPACITY – PSF				
ANCHOR TYPE		ANCHORS 'A', 'B', 'C' & 'D'		
SHIM SPACE		3/8" SHIM	1/2" MAX. SHIM	
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
42	82–7/8	100.0	100.0	100.0
48		100.0	100.0	100.0
54		100.0	100.0	100.0
60		100.0	100.0	100.0
66		75.0	75.0	75.0
72		75.0	75.0	75.0
78		75.0	75.0	75.0
84		75.0	73.5	75.0
42	84	100.0	100.0	100.0
48		100.0	100.0	100.0
54		100.0	100.0	100.0
60		100.0	100.0	100.0
62		75.0	75.0	75.0
66		75.0	75.0	75.0
72		75.0	75.0	75.0
78		75.0	75.0	75.0
84		75.0	72.5	75.0
42	90	100.0	100.0	100.0
48		100.0	100.0	100.0
54		100.0	100.0	100.0
60		100.0	100.0	100.0
62		75.0	75.0	75.0
66		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	96	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		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	102	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
54		100.0	92.9	100.0
56		100.0	89.5	100.0
60		75.0	75.0	75.0
62		75.0	75.0	75.0
66		75.0	75.0	75.0
70		75.0	71.6	75.0
42	108	100.0	100.0	100.0
48		100.0	98.7	100.0
50		100.0	94.7	100.0
60		75.0	75.0	75.0
62		75.0	75.0	75.0
66		75.0	71.6	75.0

HEAD/SILL ANCHOR LOAD CAPACITY – PSF				
ANCHOR TYPE		ANCHORS 'A', 'B', 'C' & 'D'		
SHIM SPACE		3/8" SHIM	1/2" MAX. SHIM	
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
42	114	100.0	100.0	100.0
48		100.0	93.5	100.0
50		100.0	89.7	100.0
60		75.0	74.8	75.0
62		75.0	72.4	75.0
42	120	100.0	100.0	100.0
48		100.0	88.8	100.0
50		75.0	75.0	75.0
60		75.0	71.0	75.0
42	126	75.0	75.0	75.0
48		75.0	75.0	75.0
50		75.0	75.0	75.0
54		75.0	75.0	75.0
42	132	75.0	75.0	75.0
48		75.0	75.0	75.0
50		75.0	75.0	75.0
52		75.0	74.5	75.0
42	138	75.0	75.0	75.0
48		75.0	75.0	75.0
50		75.0	74.1	75.0
42	144	75.0	75.0	75.0
48		75.0	74.0	75.0

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1
- DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2
- DETERMINE DOOR CAPACITY FROM TABLE ON SHEETS 1.1 & 1.2 FOR THE GLASS TYPE USED.
- STEP 3
- USING CHARTS ABOVE SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4
- THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.
- STEP 5
- SEE SHEET 8 TO DETERMINE MIN. AND MAX. GAP DIMENSIONS FOR UNANCHORED JAMBS.

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

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

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.

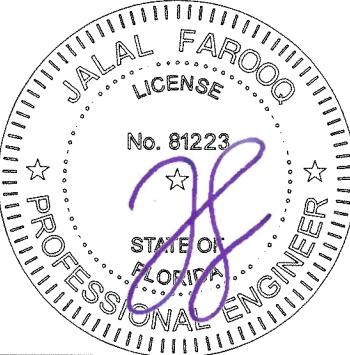
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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.

Sealed: 4/15/2025

FL #25959.1

- 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.



afC

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COMP–ANL\18–06F–MG

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revisions:

no	date	description	by
C	12.07.21	REINF. INTERLOCK OPTION ADDED	
D	01.16.23	NEW TEST ADDED	
E	07.21.23	UPDATED TO 2023 FBC	
F	04.07.25	ANCHORED JAMB OPTION ADDED	

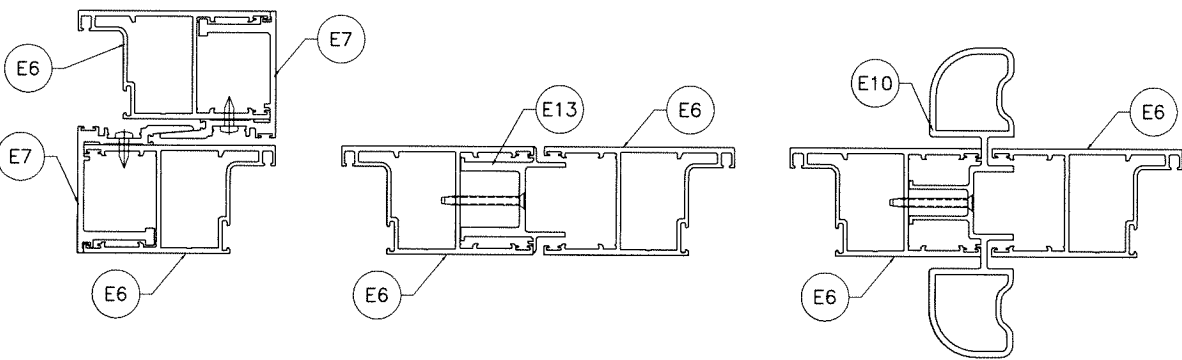
date: 12–28–17 scale: – dr. by: TARIQ chk. by:

drawing no.
18–06F

sheet 1 of 11

DOOR DESIGN LOAD CAPACITY – PSF WITH FREE STANDING (UN-ANCHORED JAMBS)											
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	STD. INTERLOCK WITHOUT ASTRAGAL		STD. INTERLOCK WITH OR WITHOUT STD. ASTRAGAL						STD. INTERLOCK WITH OR WITHOUT REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
42	82–7/8	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	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	80.0	88.9
60		65.0	75.0	64.0	80.0	60.0	60.0	–	–	64.0	80.0
66		65.0	75.0	–	–	60.0	60.0	–	–	–	–
72		65.0	75.0	–	–	–	–	–	–	–	–
78		65.0	75.0	–	–	–	–	–	–	–	–
84		65.0	75.0	–	–	–	–	–	–	–	–
42	84	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	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
62		65.0	75.0	–	–	60.0	60.0	–	–	–	–
66		65.0	75.0	–	–	60.0	60.0	–	–	–	–
72		65.0	75.0	–	–	–	–	–	–	–	–
78		65.0	75.0	–	–	–	–	–	–	–	–
84		65.0	75.0	–	–	–	–	–	–	–	–
42	90	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	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	60.0	60.0	–	–	71.1	88.9
60		65.0	75.0	–	–	60.0	60.0	–	–	64.0	80.0
62		65.0	75.0	–	–	60.0	60.0	–	–	–	–
66		65.0	75.0	–	–	–	–	–	–	–	–
72		65.0	75.0	–	–	–	–	–	–	–	–
78		65.0	75.0	–	–	–	–	–	–	–	–
80		65.0	75.0	–	–	–	–	–	–	–	–
42	96	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	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	60.0	60.0	–	–	71.1	88.9
60		65.0	75.0	–	–	60.0	60.0	–	–	64.0	80.0
62		65.0	75.0	–	–	–	–	–	–	–	–
66		65.0	75.0	–	–	–	–	–	–	–	–
72		65.0	75.0	–	–	–	–	–	–	–	–
74		65.0	75.0	–	–	–	–	–	–	–	–
42	102	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
52		65.0	75.0	–	–	60.0	60.0	–	–	73.8	92.3
54		65.0	75.0	–	–	60.0	60.0	–	–	71.1	88.9
56		65.0	75.0	–	–	60.0	60.0	–	–	68.6	85.7
60		65.0	75.0	–	–	–	–	–	–	–	–
62		65.0	75.0	–	–	–	–	–	–	–	–
66		65.0	75.0	–	–	–	–	–	–	–	–
70		65.0	75.0	–	–	–	–	–	–	–	–
42	108	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
60		65.0	75.0	–	–	–	–	–	–	73.8	92.3
62		65.0	75.0	–	–	–	–	–	–	–	–
66		65.0	75.0	–	–	–	–	–	–	–	–

DOOR DESIGN LOAD CAPACITY – PSF WITH FREE STANDING (UN-ANCHORED JAMBS)											
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	STD. INTERLOCK WITHOUT ASTRAGAL		STD. INTERLOCK WITH OR WITHOUT STD. ASTRAGAL						STD. INTERLOCK WITH OR WITHOUT REINF. ASTRAGAL	
		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'		GLASS TYPES 'C' & 'C1'		GLASS TYPES 'A' & 'A1'	
		EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
42	114	65.0	75.0	–	–	60.0	60.0	–	–	80.0	100.0
48		65.0	75.0	–	–	60.0	60.0	–	–	80.0	100.0
50		65.0	75.0	–	–	60.0	60.0	–	–	76.8	96.0
60		65.0	75.0	–	–	–	–	–	–	–	–
62		65.0	75.0	–	–	–	–	–	–	–	–
42	120	65.0	75.0	–	–	60.0	60.0	–	–	80.0	100.0
48		65.0	75.0	–	–	60.0	60.0	–	–	80.0	100.0
50		65.0	75.0	–	–	–	–	–	–	–	–
60		65.0	75.0	–	–	–	–	–	–	–	–



STD. INTERLOCK STD. ASTRAGAL REINF. ASTRAGAL

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

FL #25959.1



FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED
LIMIT ALL EXTERIOR(+) LOADS TO +76.7 PSF FOR 2–13/16” SILL HEIGHTS
SEE SHEET 5 FOR DETAILS

REINF. ASTRAGAL ONLY IN CONFIGURATIONS THAT REQUIRE ASTRAGAL.

Sealed: 4/15/2025

AVERAGE PANEL WIDTH = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$

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revisions:

no	date	description

date: 12-28-17

scale: -

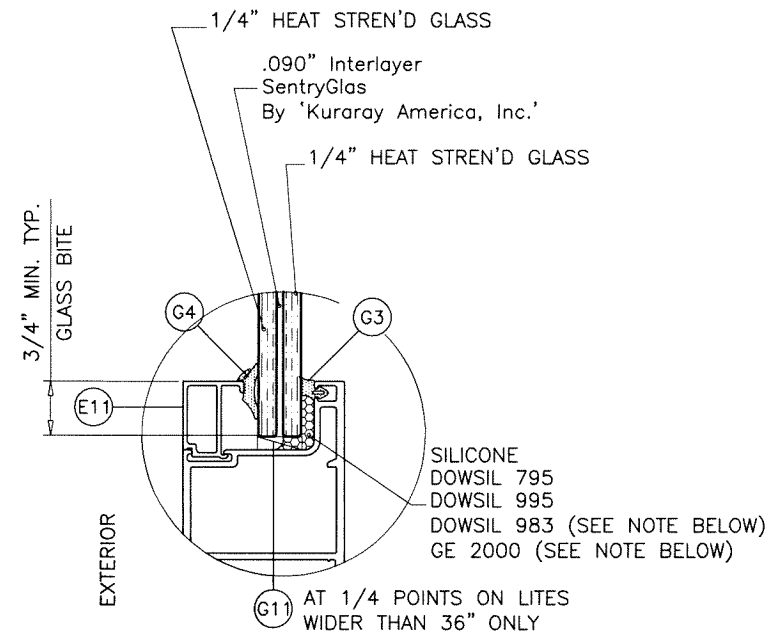
dr. by: TARIO

chk. by:

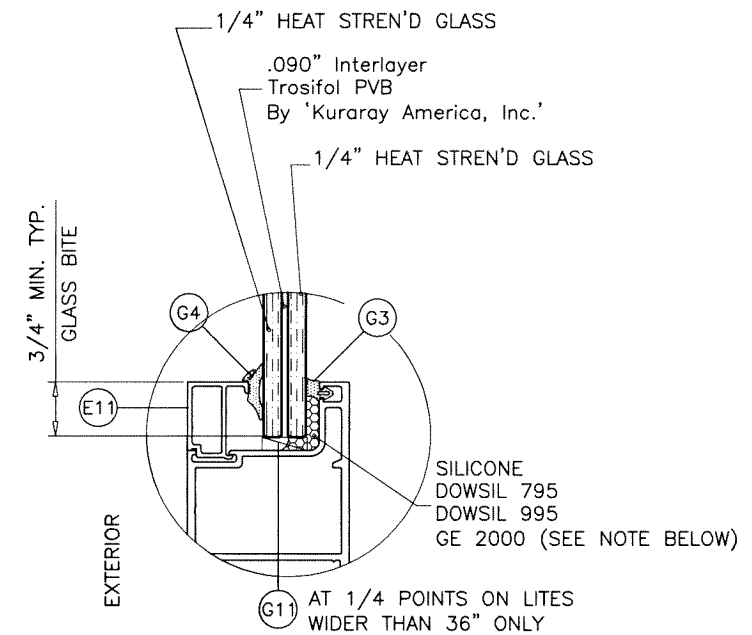
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18-06F

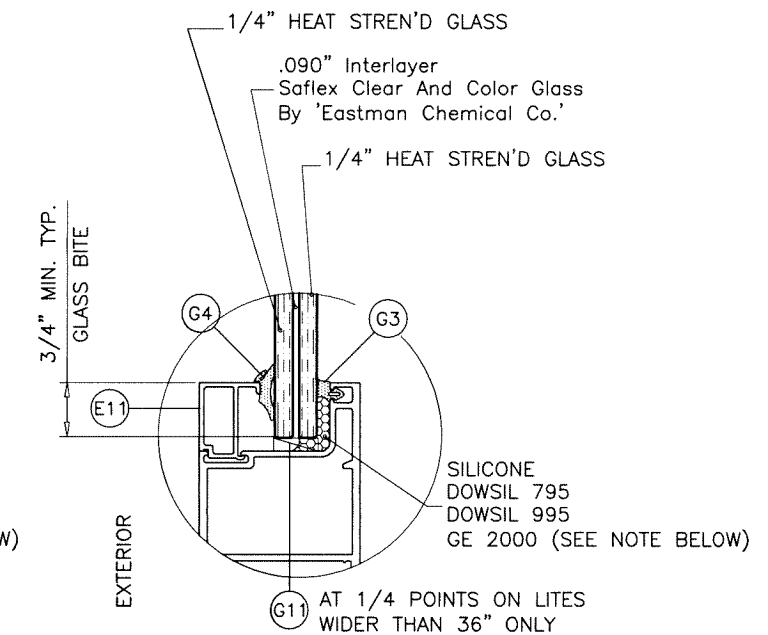
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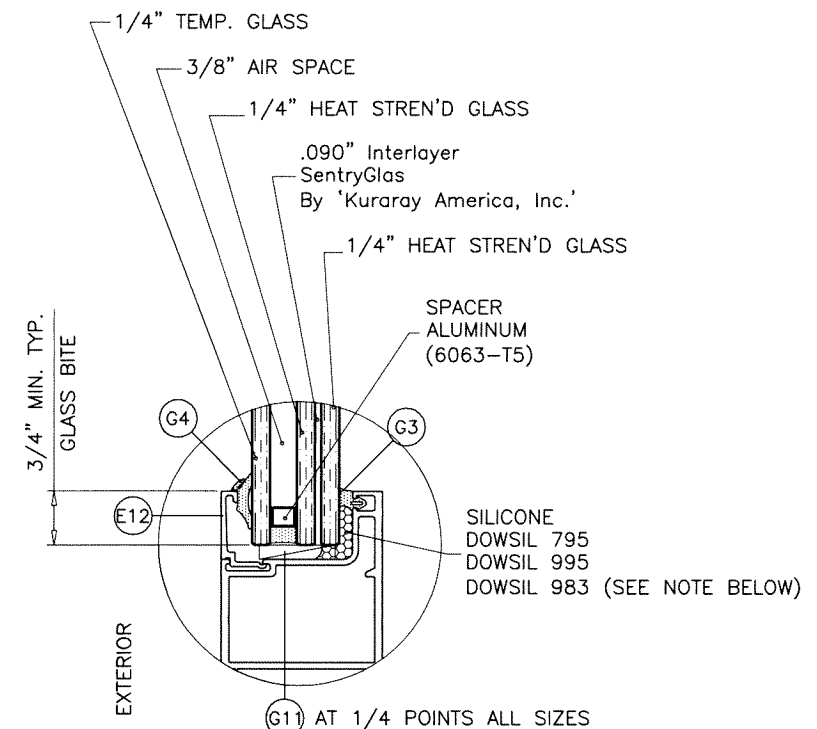
GLASS TYPE 'A'
9/16" OVERALL LAMINATED GLASS



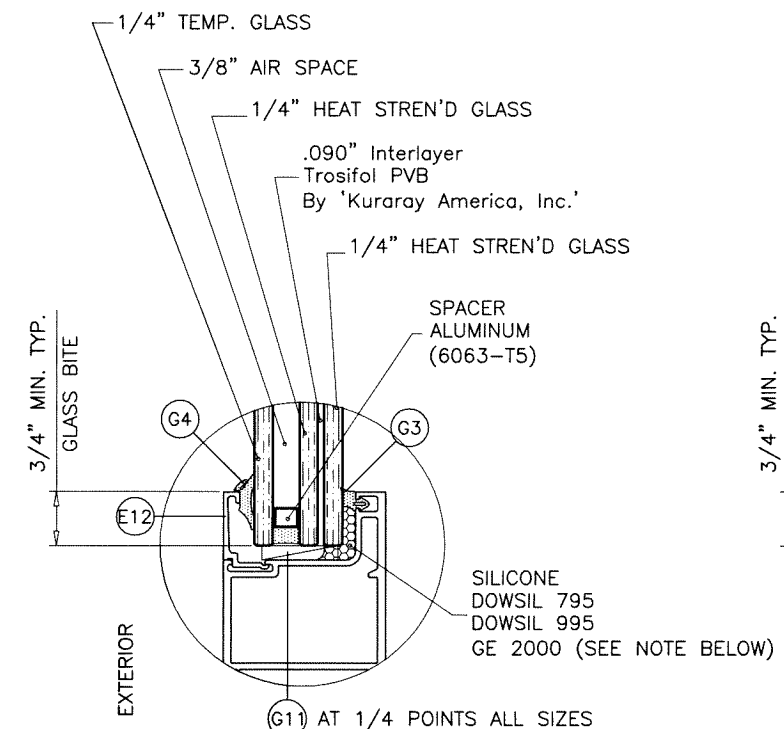
GLASS TYPE 'B'
9/16" OVERALL LAMINATED GLASS



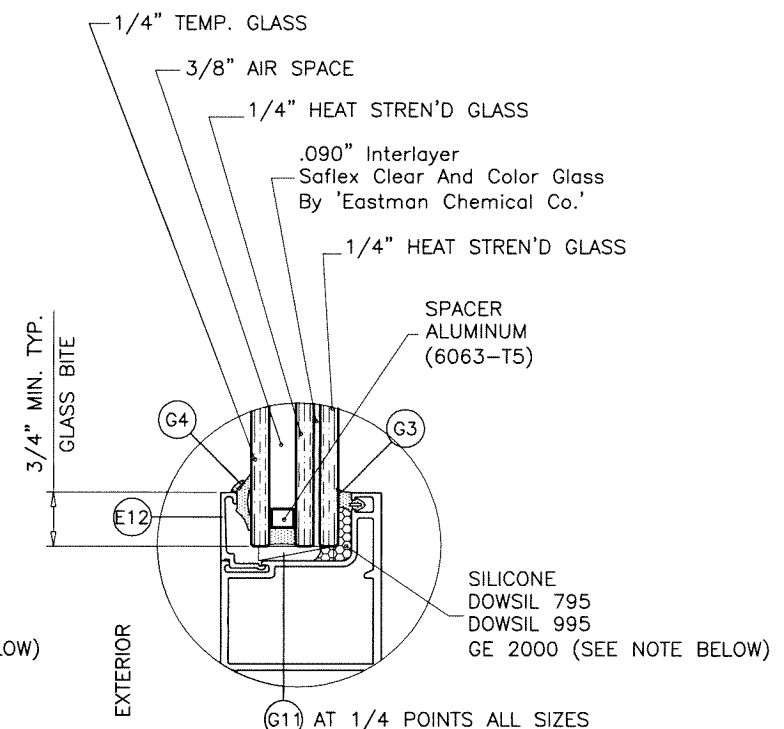
GLASS TYPE 'C'
9/16" OVERALL LAMINATED GLASS



GLASS TYPE 'AI'
1-3/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'BI'
1-3/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'CI'
1-3/16" OVERALL INSUL. LAM. GLASS

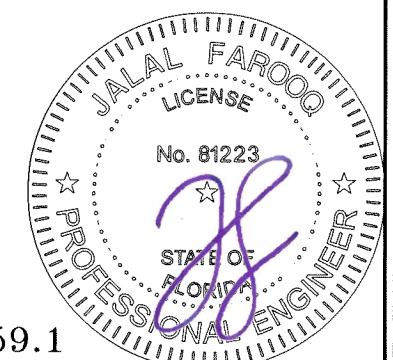
GLAZING OPTIONS

NOTE:
FOR DOWSIL 983 SILICONE
LIMIT MAX. DESIGN LOADS TO +65, -75.0 PSF

FOR GE 2000 SILICONE
LIMIT MAX. DESIGN LOADS TO ±60 PSF
LIMIT MAX. PANEL AREA TO 40.0 SQ. FT.

Sealed: 4/15/2025

FL #25959.1



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COMP-ANL 18-06F-MG

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18-06F

revisions:		date	by	description
no	date	by	description	

date: 12-28-17

scale: 3/8" = 1"

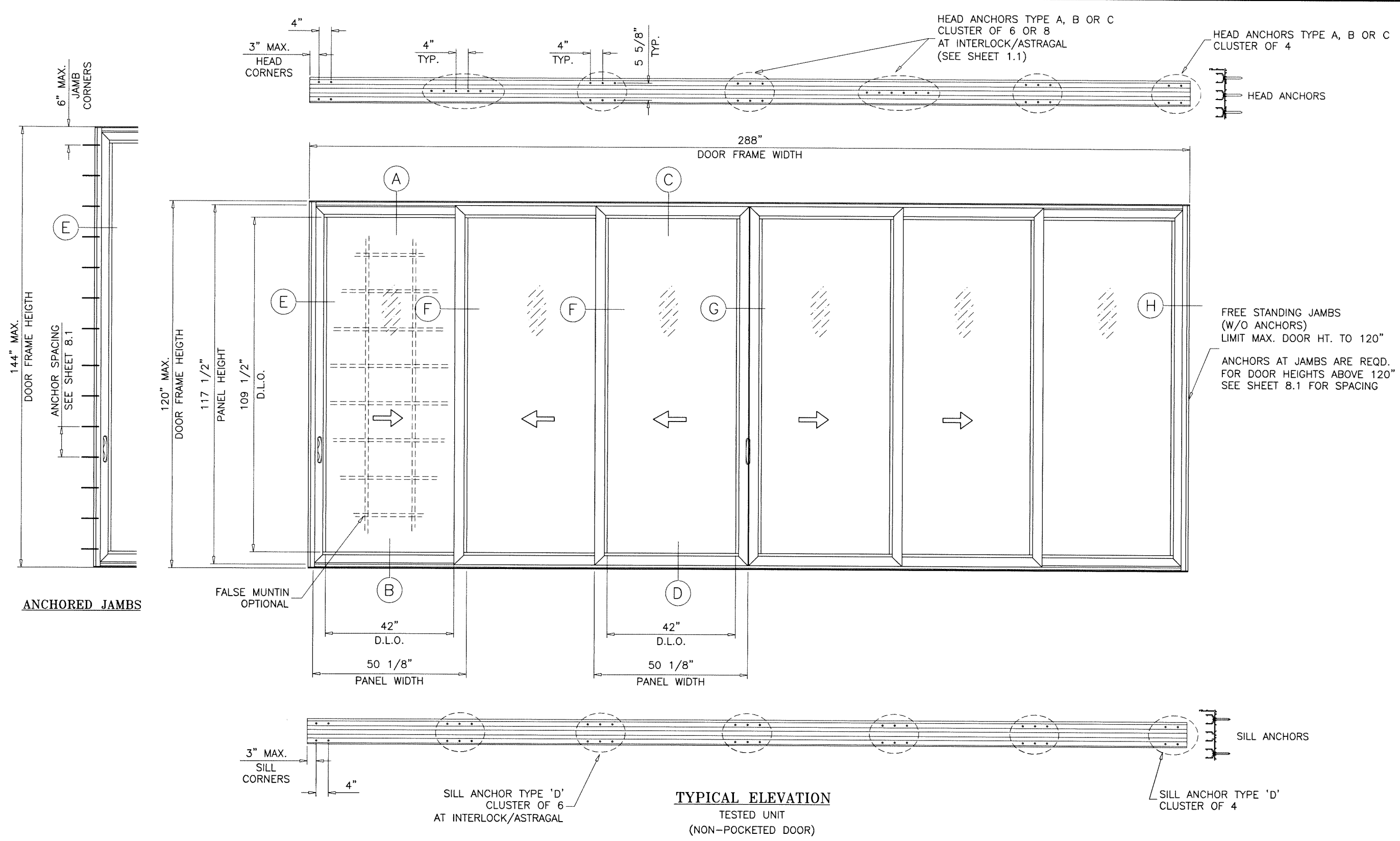
dr. by: TARIQ

chk. by:

drawing no.

18-06F

sheet 2 of 11



DAYLITE OPENINGS WIDTHS:
PANEL WIDTH - 7.313"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 8.0"

PANEL HEIGHT = DOOR FRAME HEIGHT - 2.625"

MAX. FRAME AREA OF S.G.D. SHALL NOT EXCEED FRAME AND PANEL AREA OF TESTED UNIT PER FBC REQUIREMENTS.

Sealed: 4/15/2025

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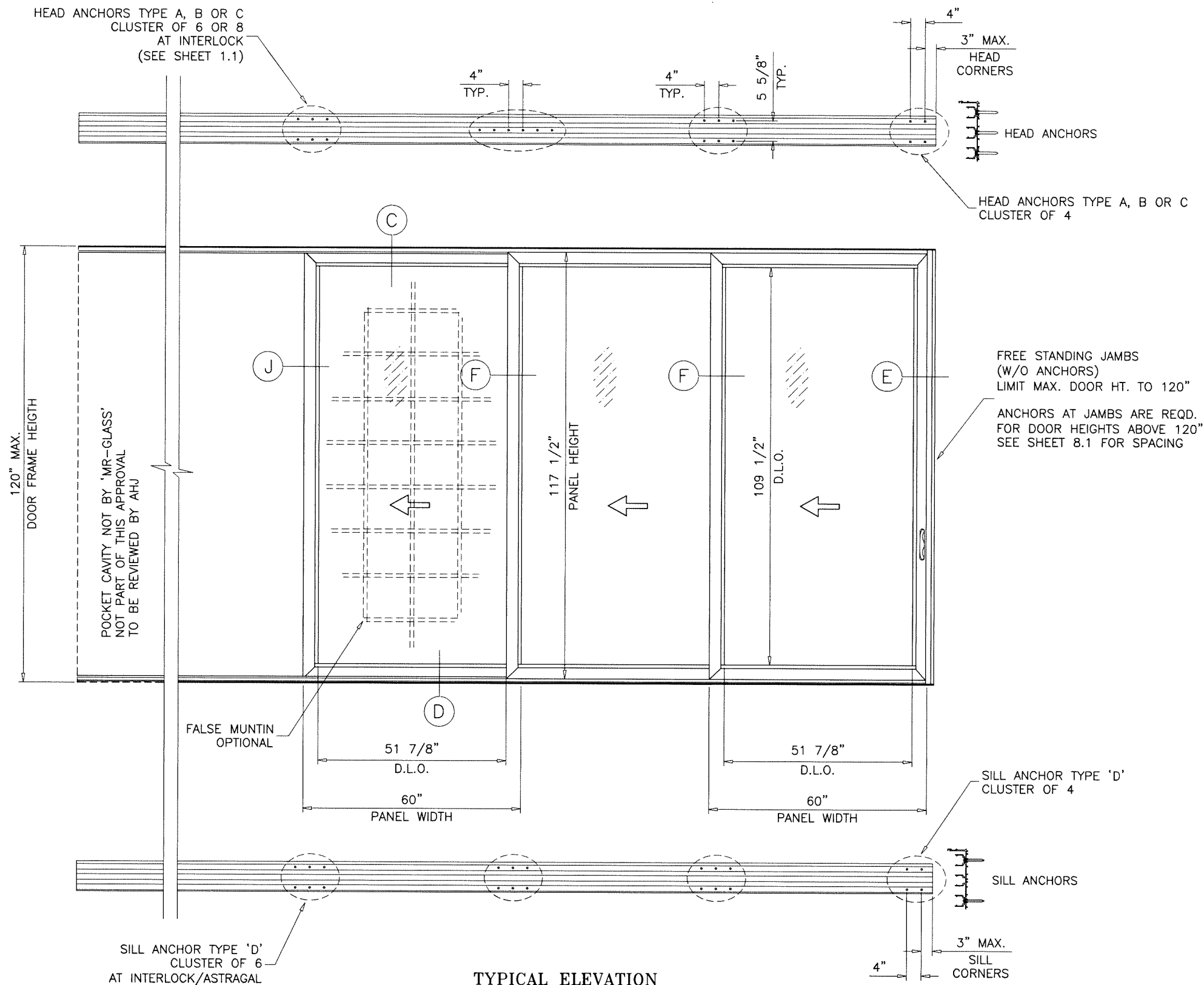
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
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revisions:

no	date	by	description

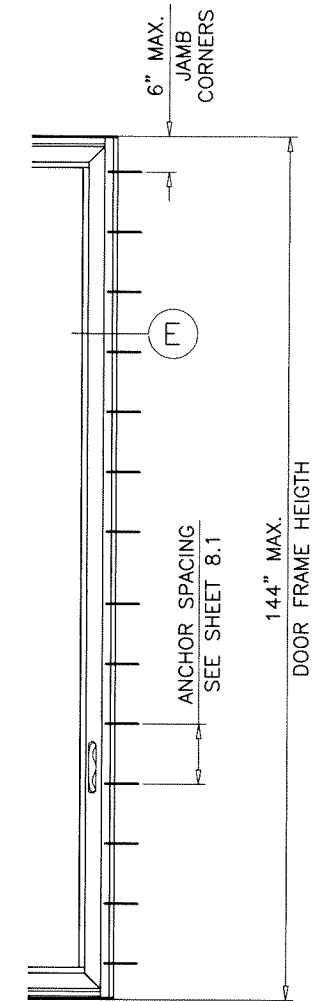
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scale: 3/8"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
18-06F
sheet 3 of 11

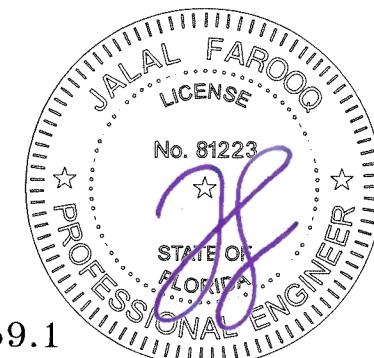


TYPICAL ELEVATION

TESTED UNIT
(POCKETED DOOR)



ANCHORED JAMBS



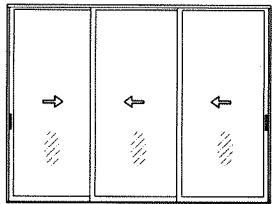
Sealed: 4/15/2025

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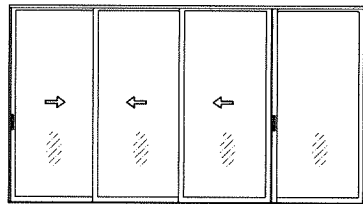
af c
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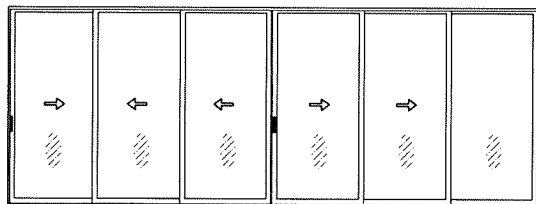
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drawing no.	18-06F	sheet	3.1 of 11



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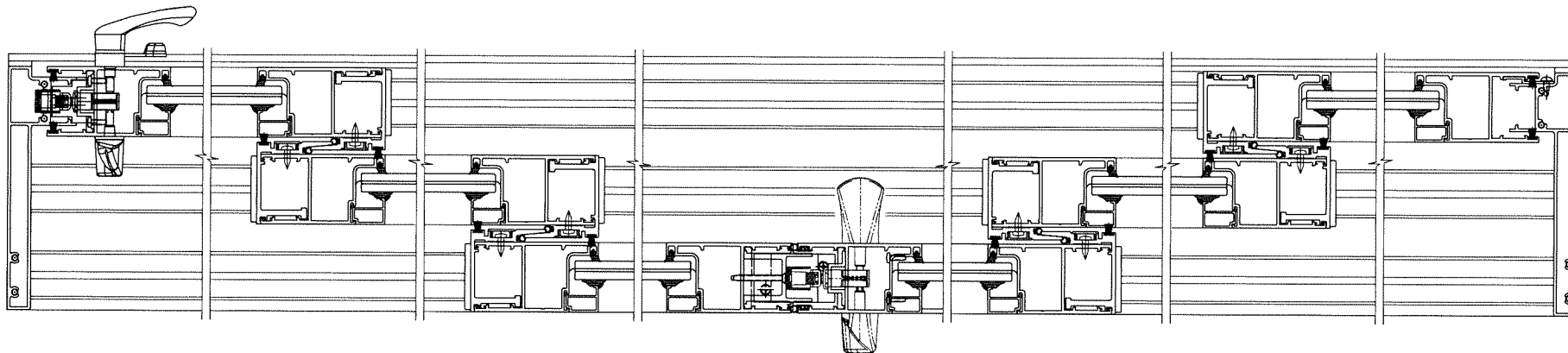
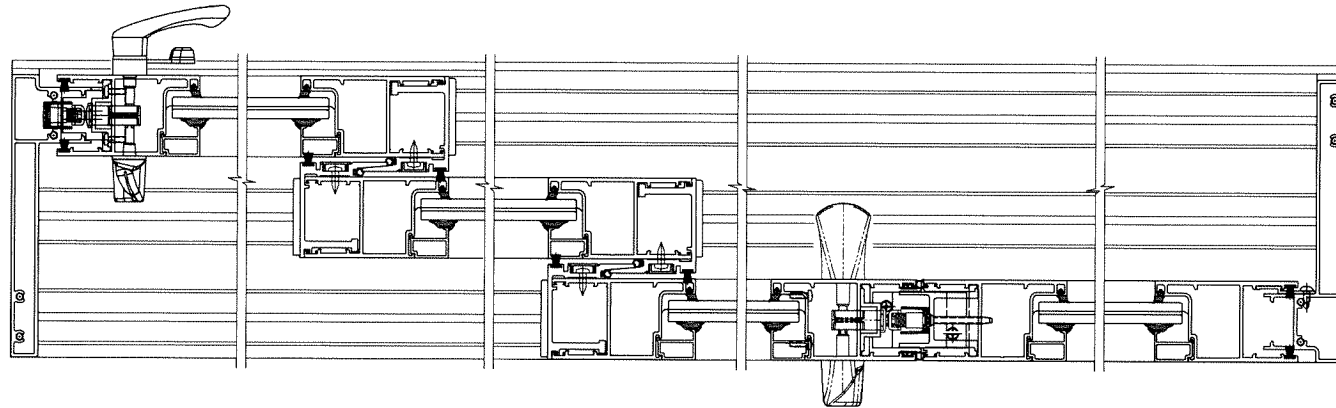
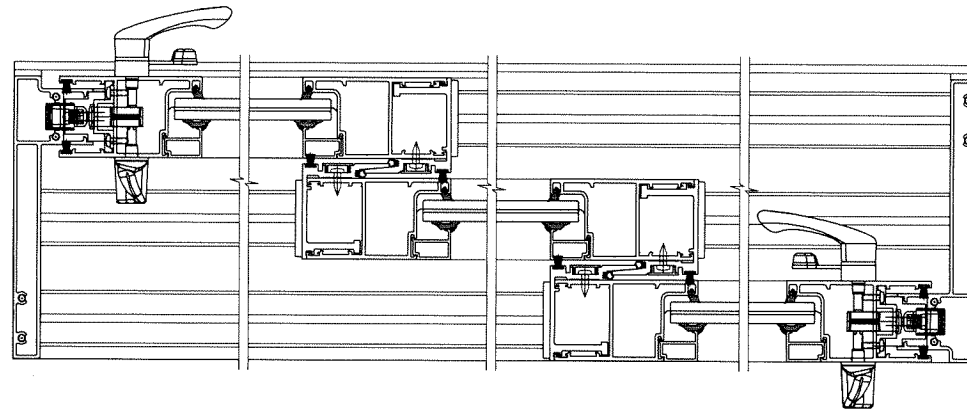


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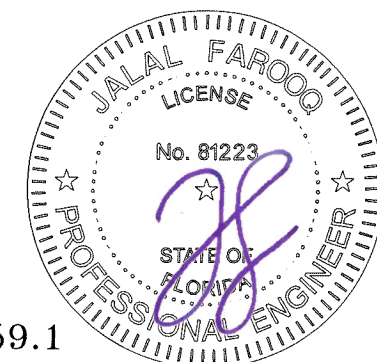
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OXX-XXX
XXX-XXX
OXX-XXO

APPROVED CONFIGURATIONS
NON-POCKETED DOORS



NOTE:

1. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. FOR APPLICABLE DESIGN PRESSURES SEE INSTRUCTIONS IN SHEET 1.
3. FOR ANCHOR DETAILS SEE SHEETS 5 AND 6.
4. DOOR CONFIGURATIONS SHOWN WITH STD. ASTRAGAL ONLY. USE REINF. ASTRAGAL AS REQUIRED. SEE SHEET 1 FOR CAPACITY AND SHEET 7 FOR DETAIL.



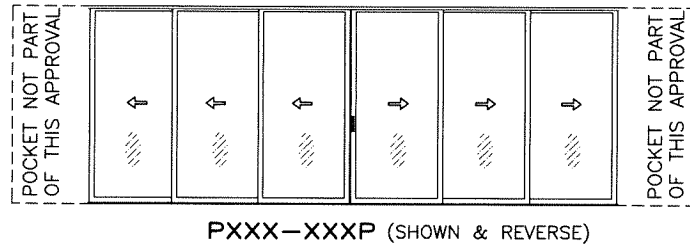
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FL #25959.1

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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COMP-ANL\18-06F-MG

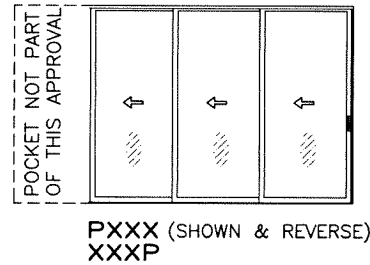
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MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
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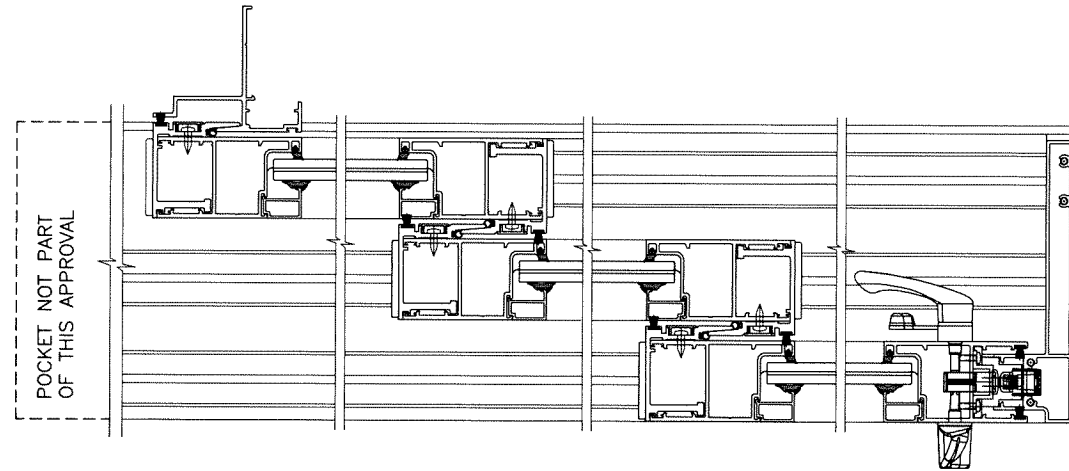
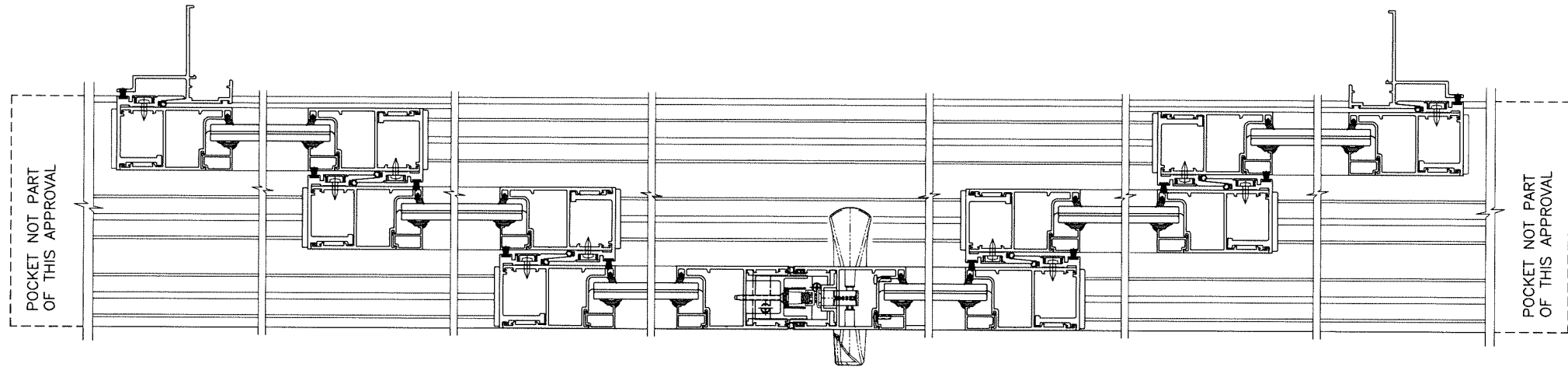


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**APPROVED CONFIGURATIONS
POCKETED DOORS**



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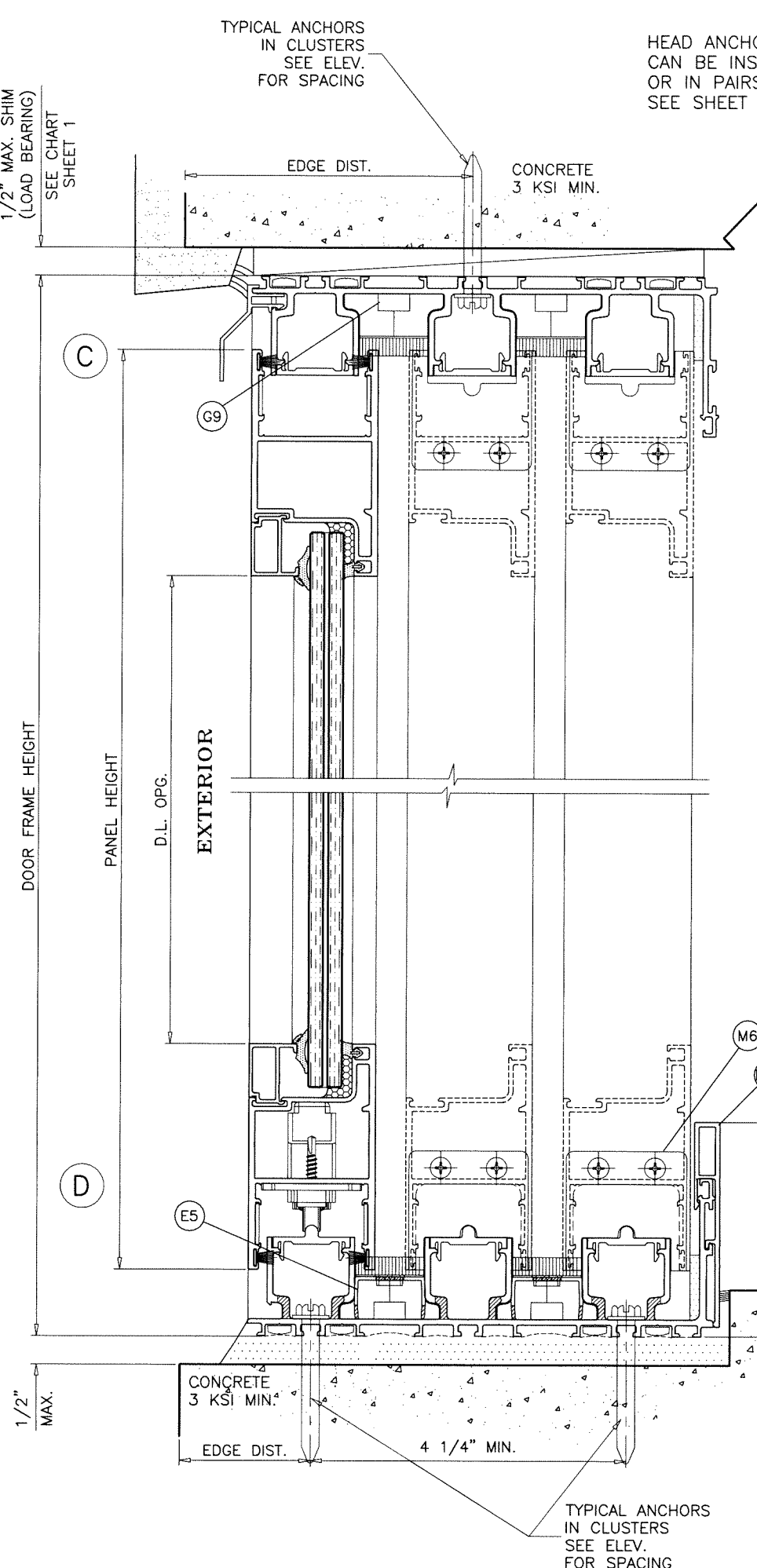
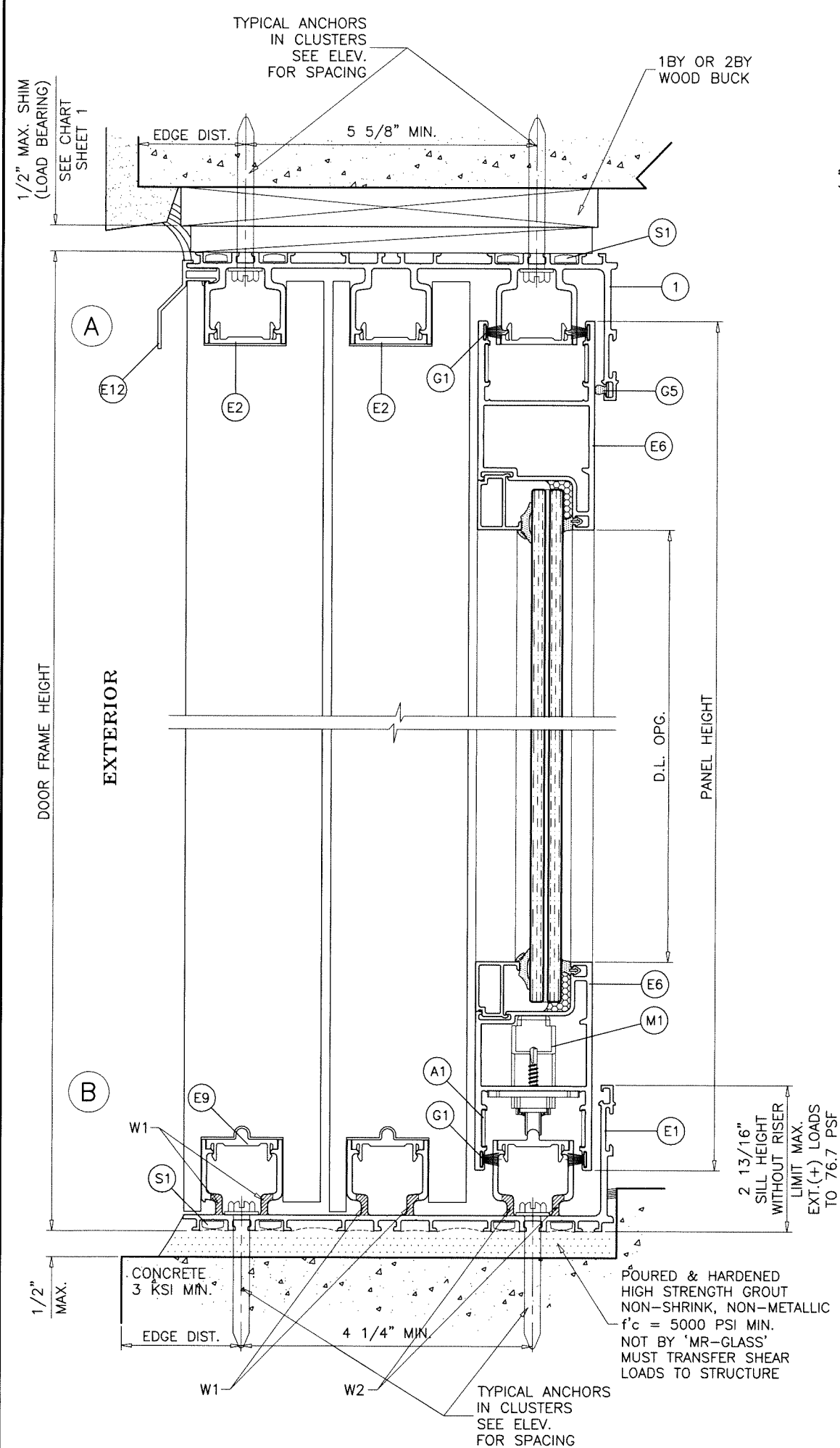


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18-06F					
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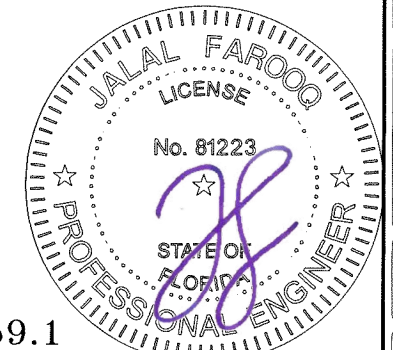
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afc



WEEPHOLES:

- W1 = 1/4" X 1-1/2" LONG WEEP HOLES AT 5" FROM EACH END AND 7" O.C.
- W2 = 1/4" X 1-1/2" LONG WEEP HOLES (4) AT MOV. PANEL AT 7" O.C.



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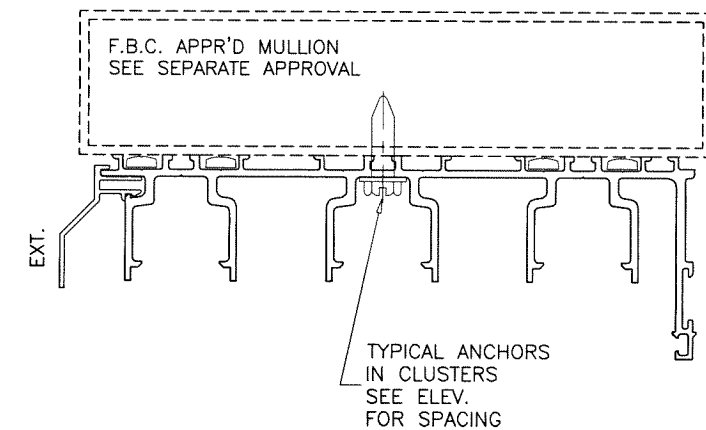
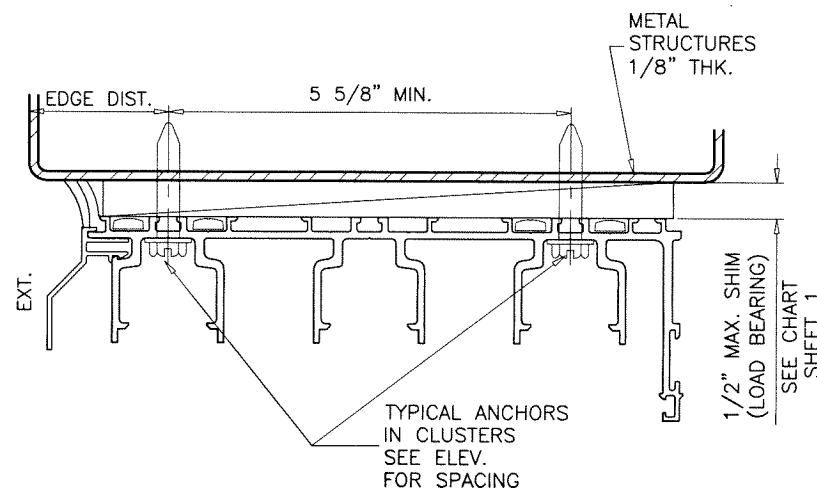
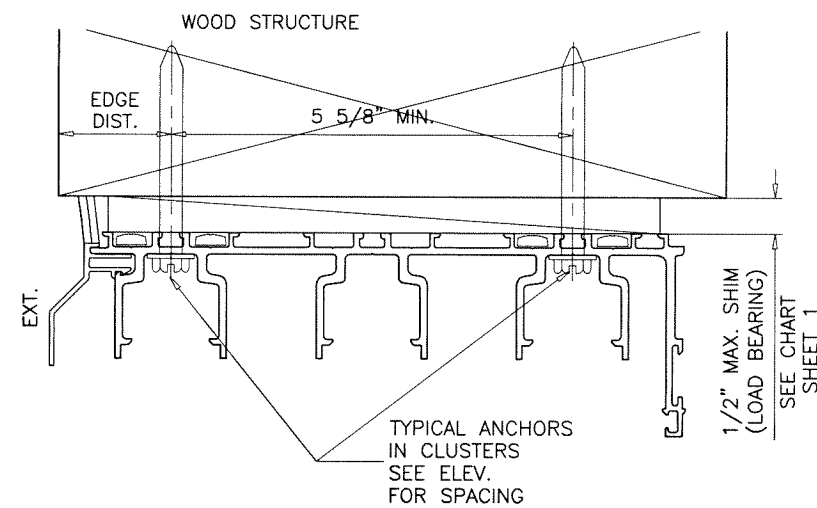
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
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18-06F
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HEAD ANCHOR CLUSTERS AT INTERLOCK AND ASTRAGAL LOCATIONS
CAN BE INSTALLED IN LINE AT CENTER TRACK
OR IN PAIRS AT EXTERIOR AND INTERIOR TRACKS
SEE SHEET 3 FOR SPACING

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

TYPE 'A'— **5/16" DIA. ULTRACON BY 'DEWALT'** ($F_u=177$ KSI, $F_y=155$ KSI)
INTO WOOD STRUCTURES
1-7/8" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
1-1/2" MIN. EMBED INTO CONCRETE (HEAD)
1-1/2" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)
DIRECTLY INTO CONC. OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (JAMBS)
1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

TYPE 'B'— **5/16" DIA. ULTRACON BY 'DEWALT'** ($F_u=177$ KSI, $F_y=155$ KSI)
DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED (HEAD/SILL)

TYPE 'C'— **5/16" 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. ($F_y = 36$ KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

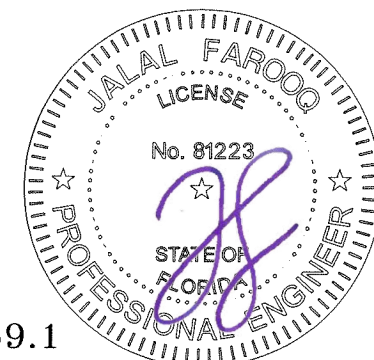
TYPICAL EDGE DISTANCE

INTO CONCRETE AT HEAD/SILL = 1-3/4" MIN.
INTO CONCRETE AND BLOCKS AT JAMBS = 1-1/8" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" 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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drawing no.	18-06F	sheet	6 of 11

H FREE STANDING JAMBS

E6

E16

G1

#10 X 1" FH SMS
(2) PER CLIP

E4

SILICONE DOWSIL 790
DEPTH = 3/8" MIN.

CONCRETE
MASONRY
WOOD OR
METAL STRUCTURES

MAX. DOOR FRAME WIDTH

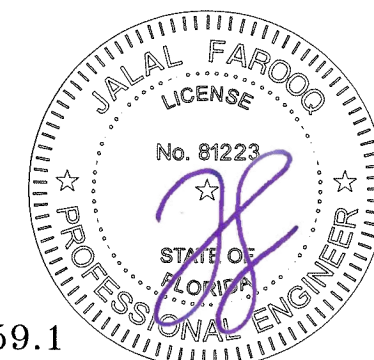
MIN. & MAX. GAP

SEE CHART BELOW

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

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FL #25959.1



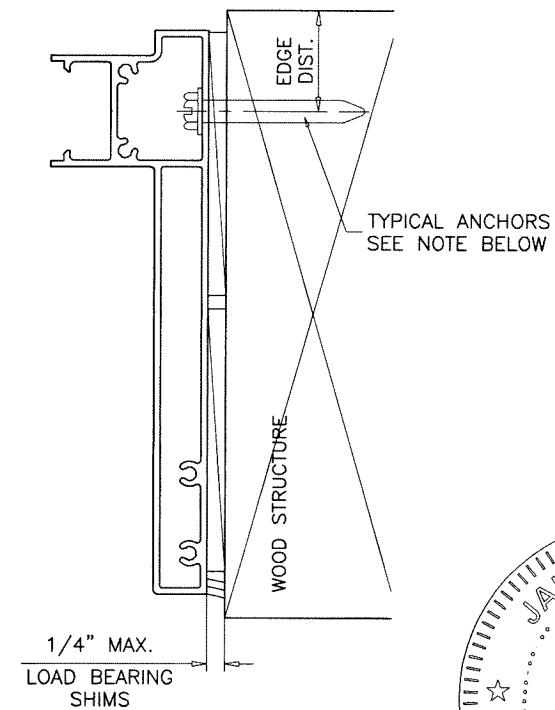
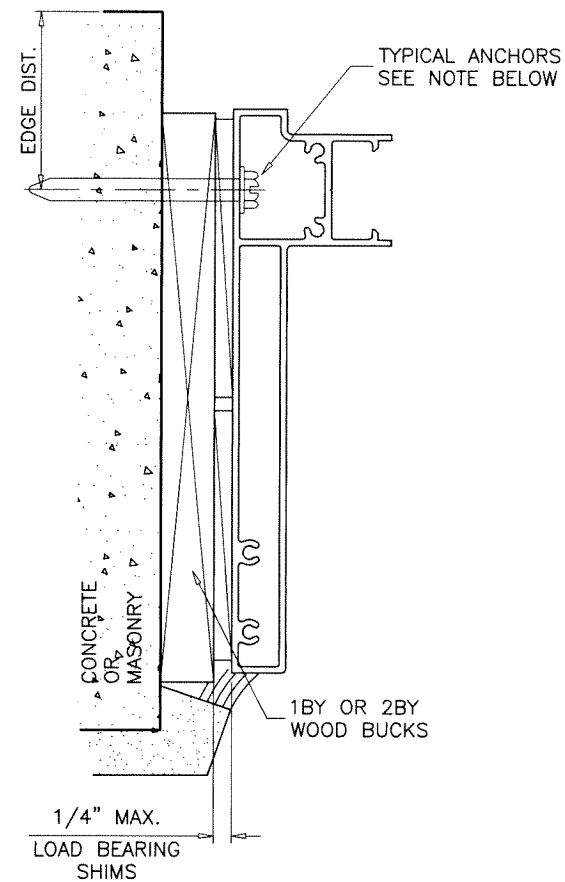
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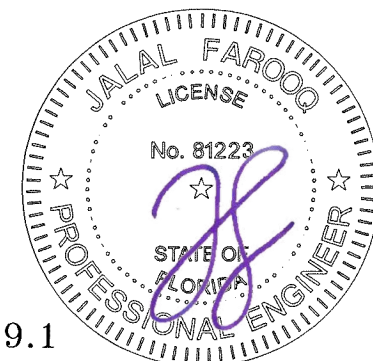
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drawing no. 18-06F			
sheet 8 of 11			



FL #25959.1

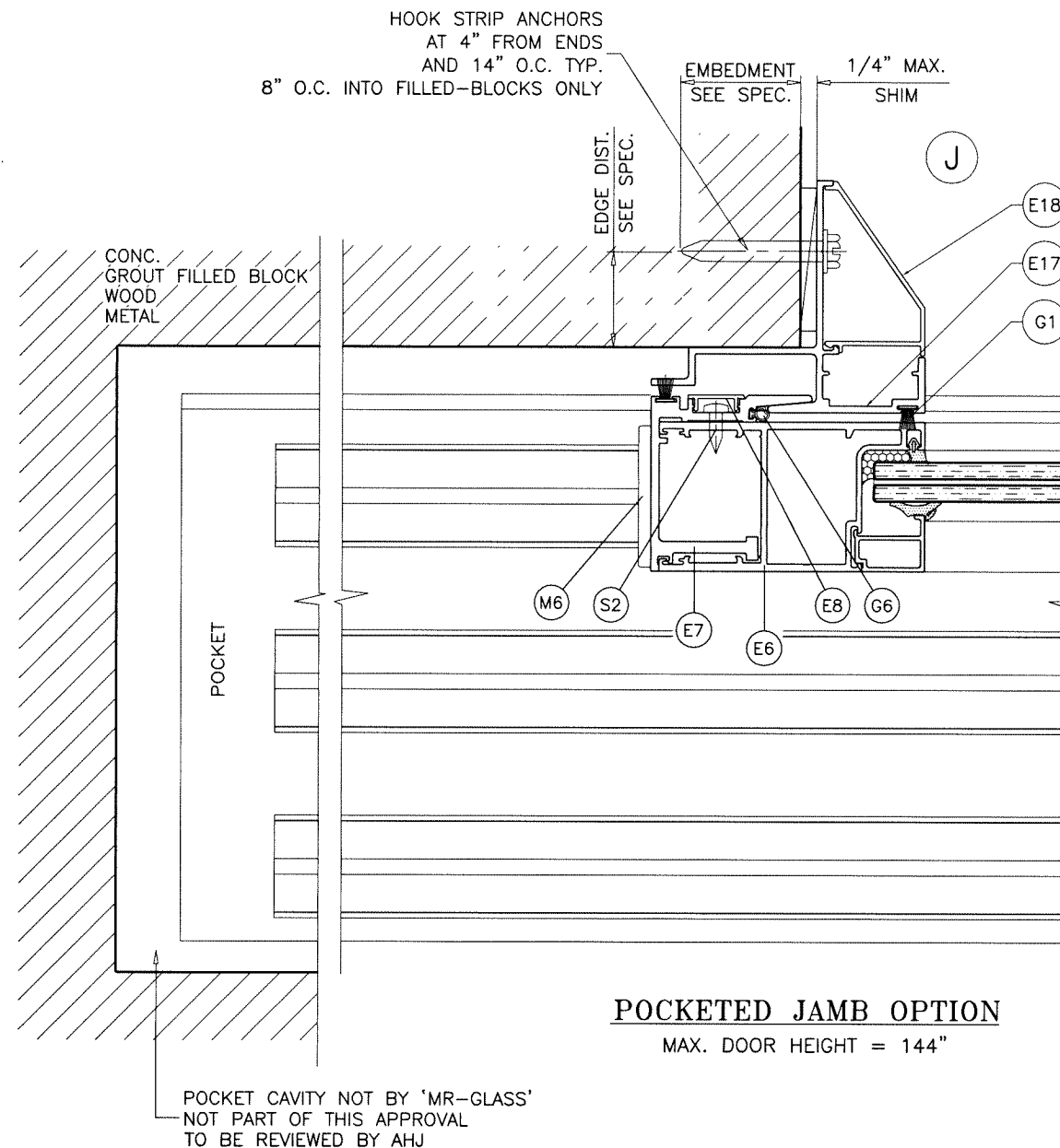


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HOOK STRIP ANCHORS:

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY BUCKS INTO CONC. OR FILLED BLOCKS
1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS
DIRECTLY INTO CONC. OR FILLED BLOCKS
1-3/4" MIN. EMBED INTO CONC. OR FILLED BLOCKS

5/16" DIA. TEKS OR SELF DRILLING SCREWS(GRADE 5 CRS)
INTO METAL STRUCTURES
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
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)

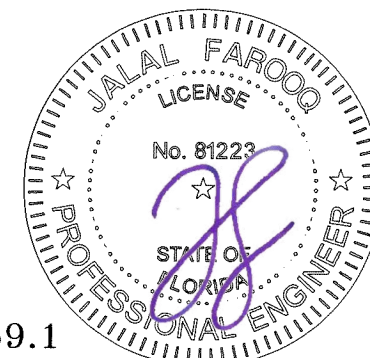
ANCHOR EDGE DISTANCES

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.
C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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FL #25959.1

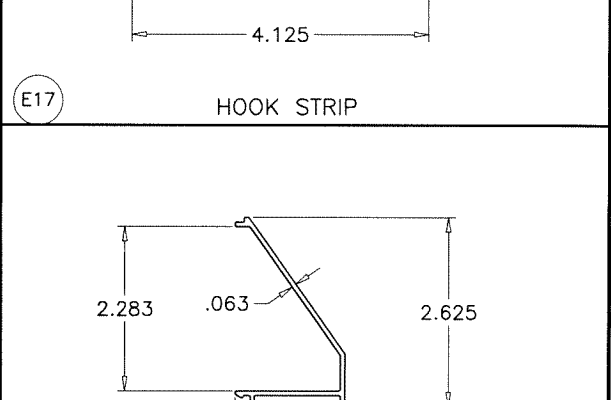
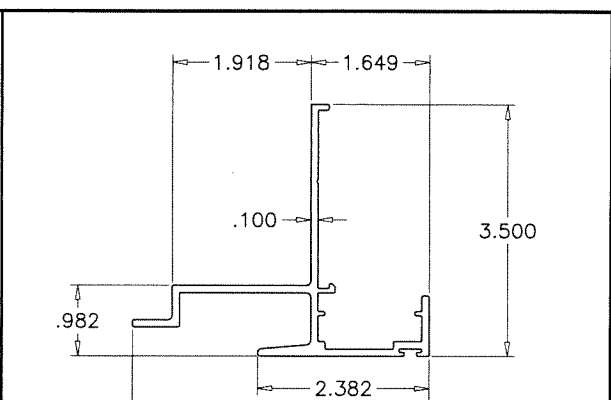
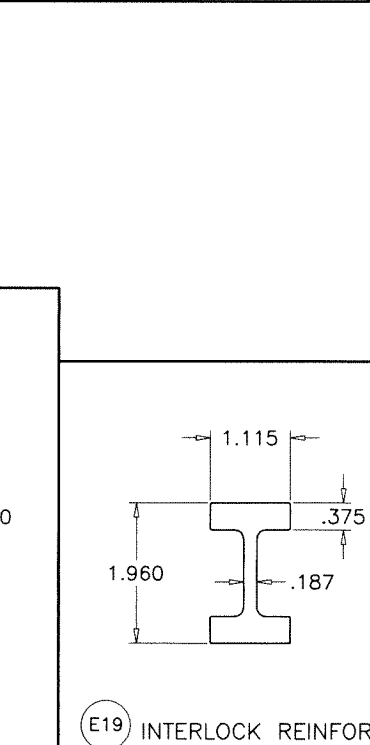
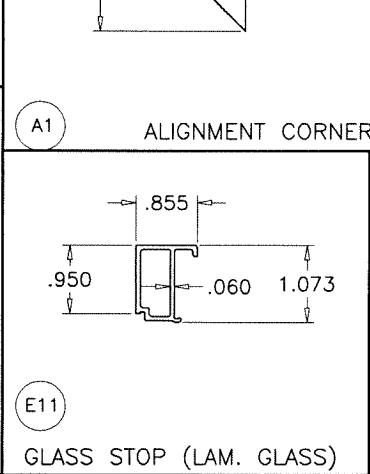
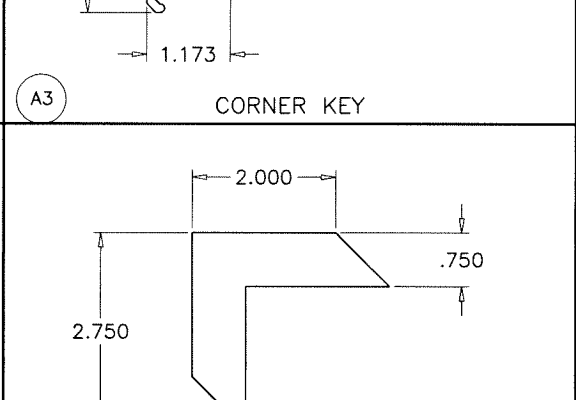
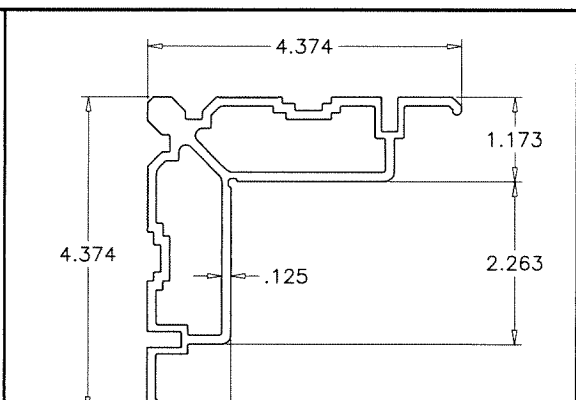
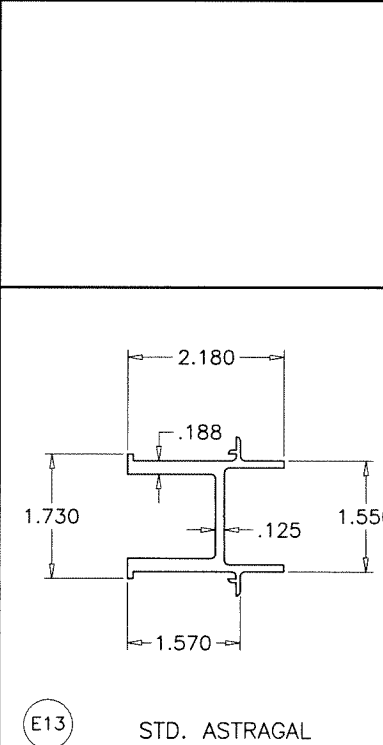
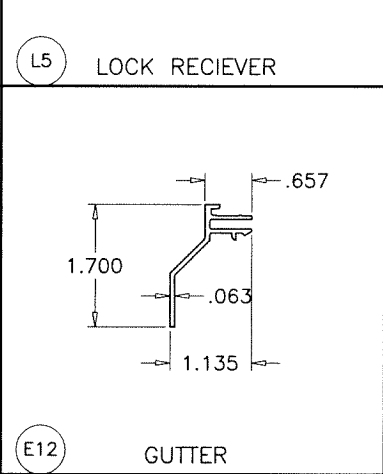
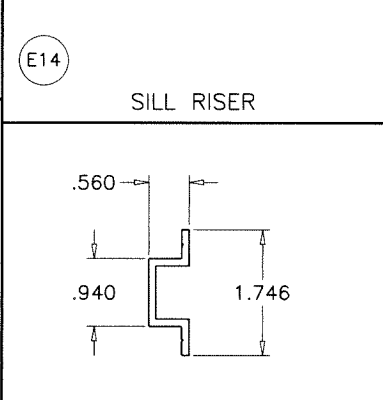
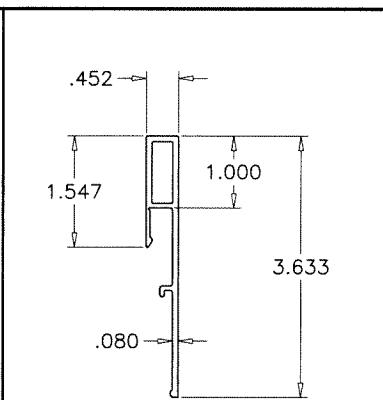
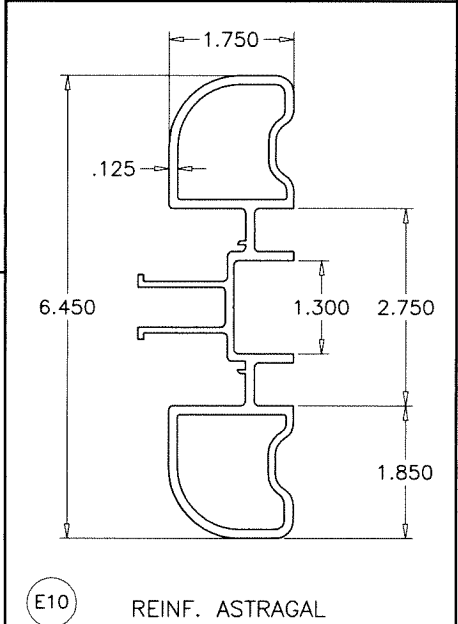
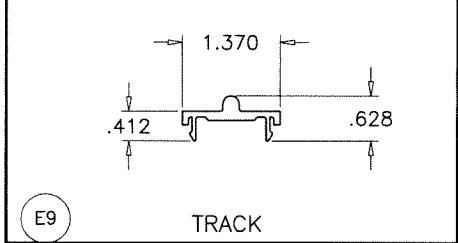
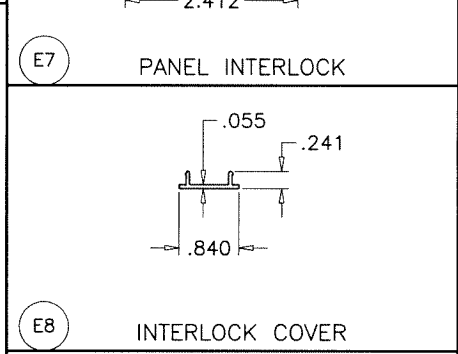
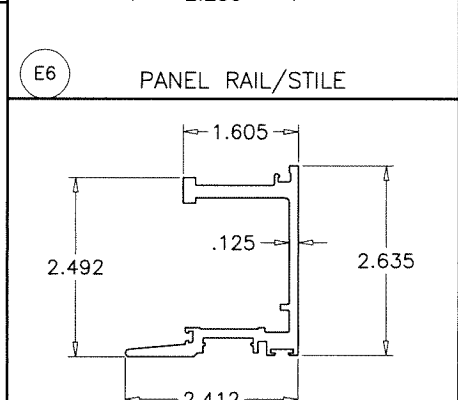
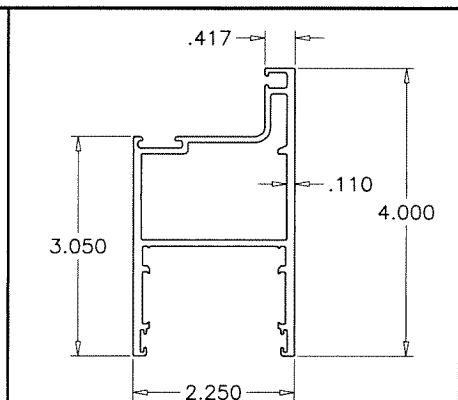
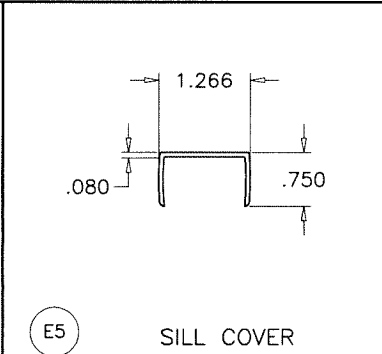
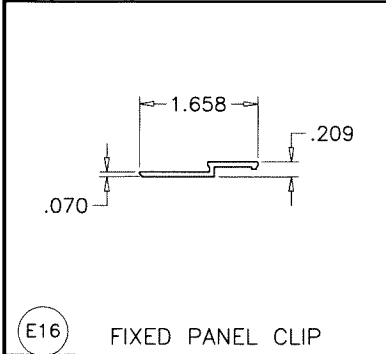
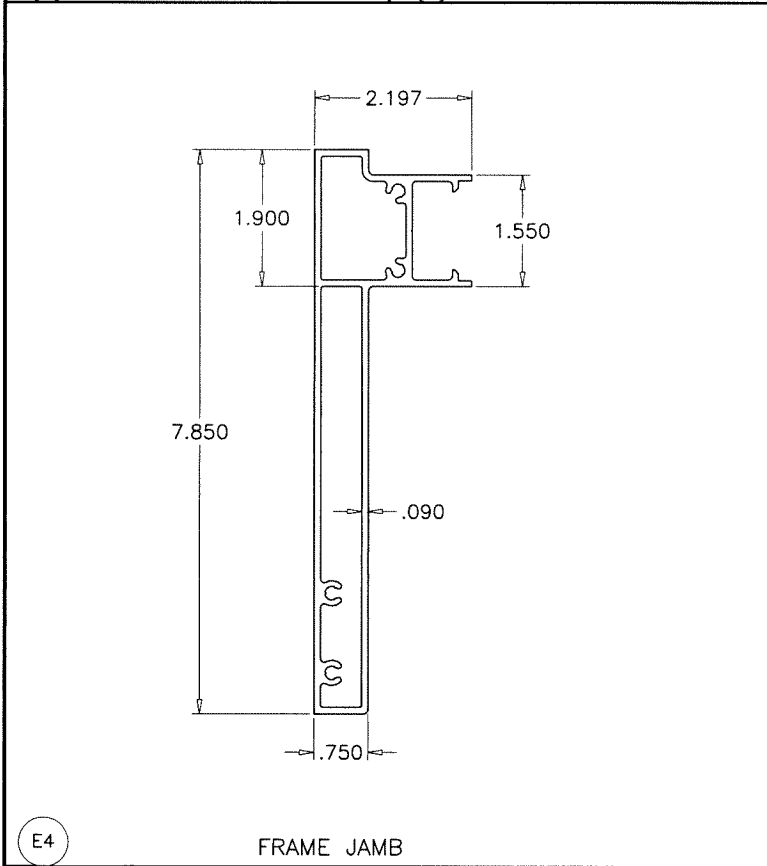
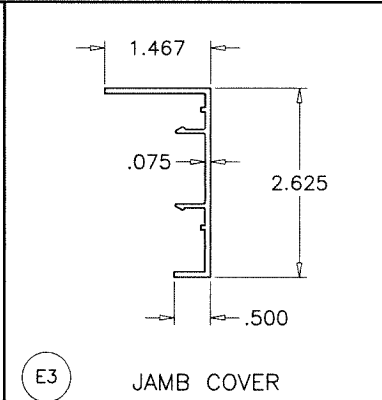
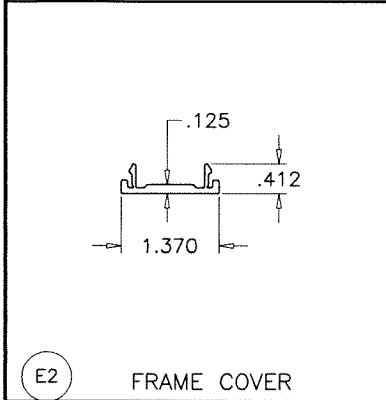
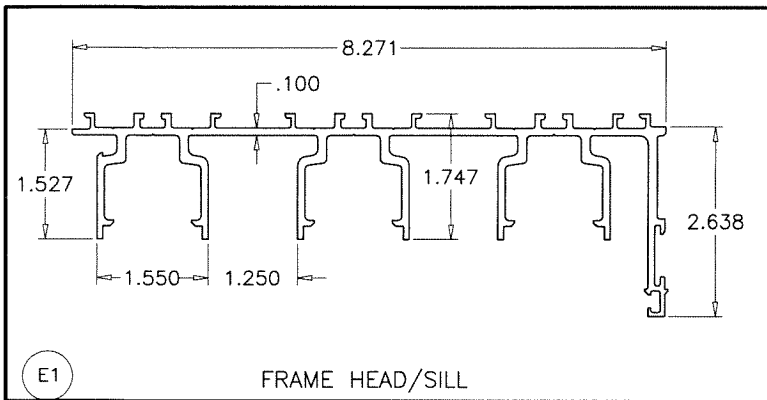


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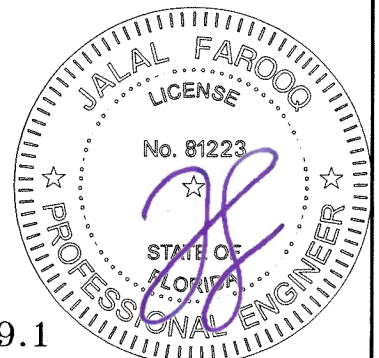
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sheet 9 of 11

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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:

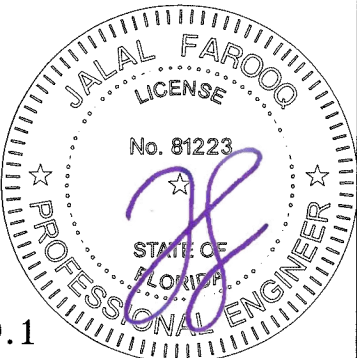
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.

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

SURFACE MOUNT METALLIC HANDLE AT 38-1/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) 8-32 X 2-5/8" FH MS

SURFACE MOUNT METALLIC KEEPER FACING LOCK AT 38 1/2" FROM BOTTOM FASTENED WITH (1) #14 X 2-7/8" FH SDS AND (1) 12-24 X 1/2" PH MS



Sealed: 4/15/2025

FL #25959.1

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)

SERIES 1100 ALUM SLIDING GLASS 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

date: 12-28-17

scale: 3/8" = 1"

dr. by: TARIQ

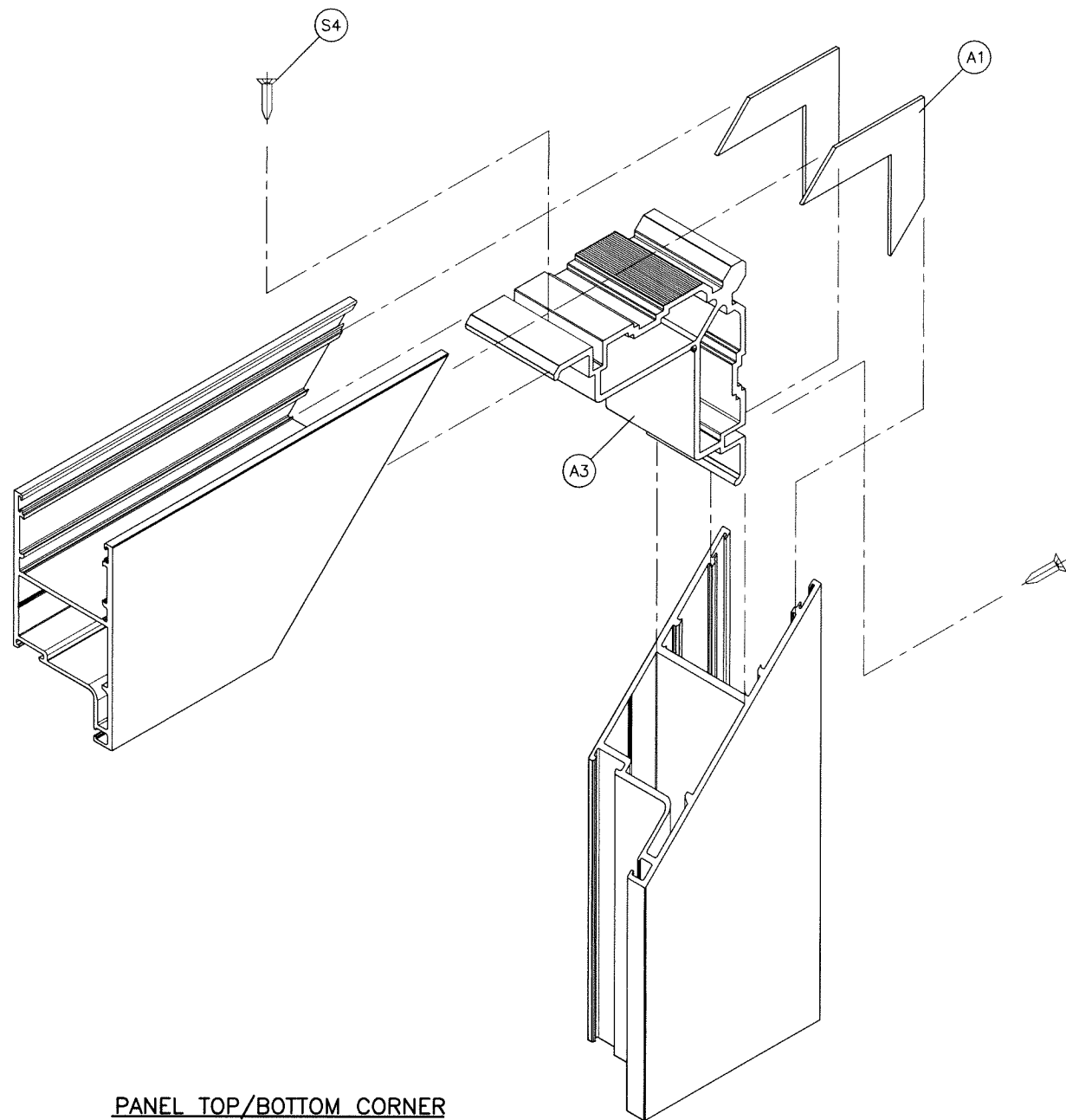
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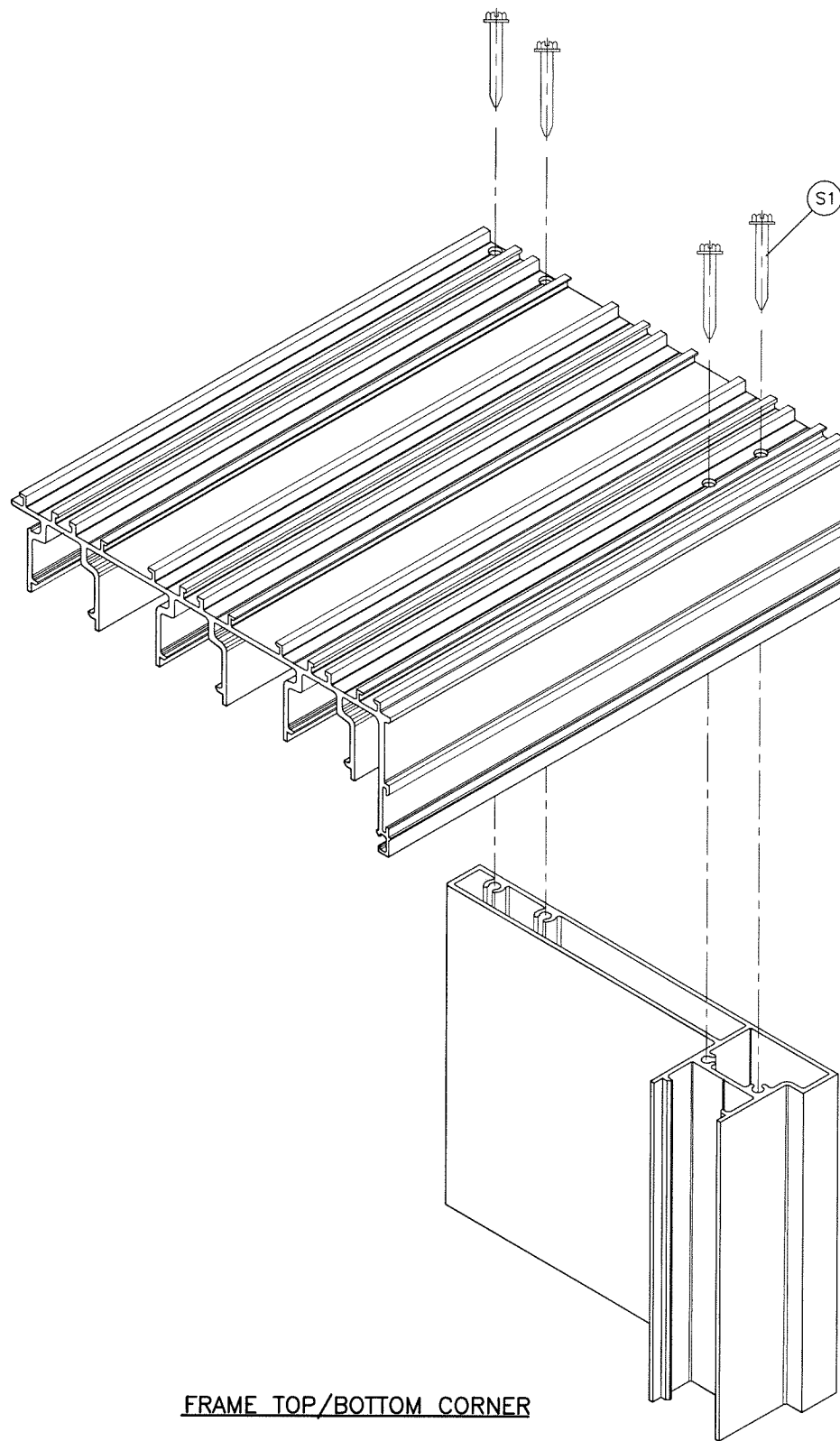
18-06F

sheet 10 of 11

COMP-ANL \ 18-06F-MG



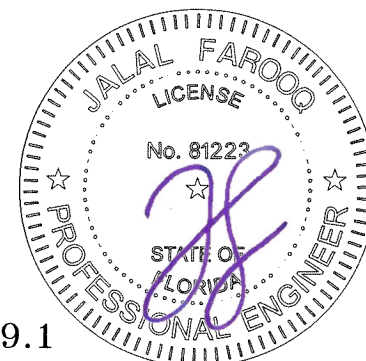
PANEL TOP/BOTTOM CORNER



FRAME TOP/BOTTOM CORNER

Sealed: 4/15/2025

FL #25959.1



af c
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sheet	11 of 11		

COMP-ANL\18-06F-MG