

DAYLITE OPENINGS WIDTHS:
OPERABLE PANEL WIDTH - 4.937"
FIXED PANEL WIDTH - 2.813"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 2.687"

PANEL HEIGHT = DOOR FRAME HEIGHT - 4.062"

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

ASS 39 PD.NI
ALUMINUM SLIDING GLASS DOOR (L.M.I.)

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHARTS SHOWN
ON SHEET 4.

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.

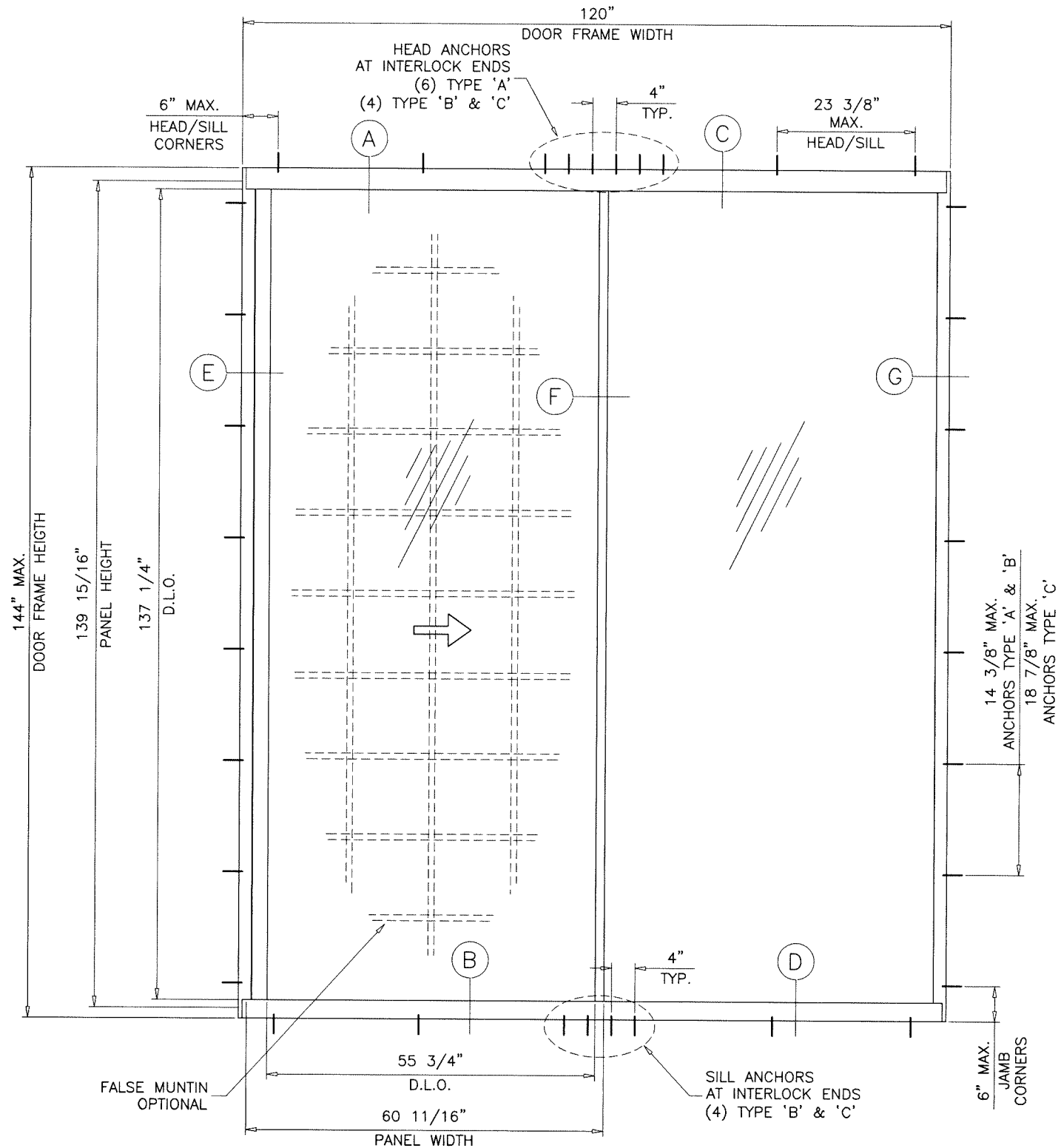
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.

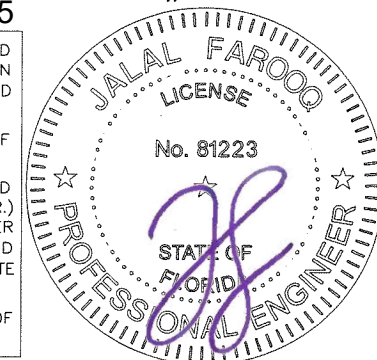


TYPICAL ELEVATION

TESTED UNIT (2 TRACK)

Sealed: 10/29/2025

- 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.



ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)

Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

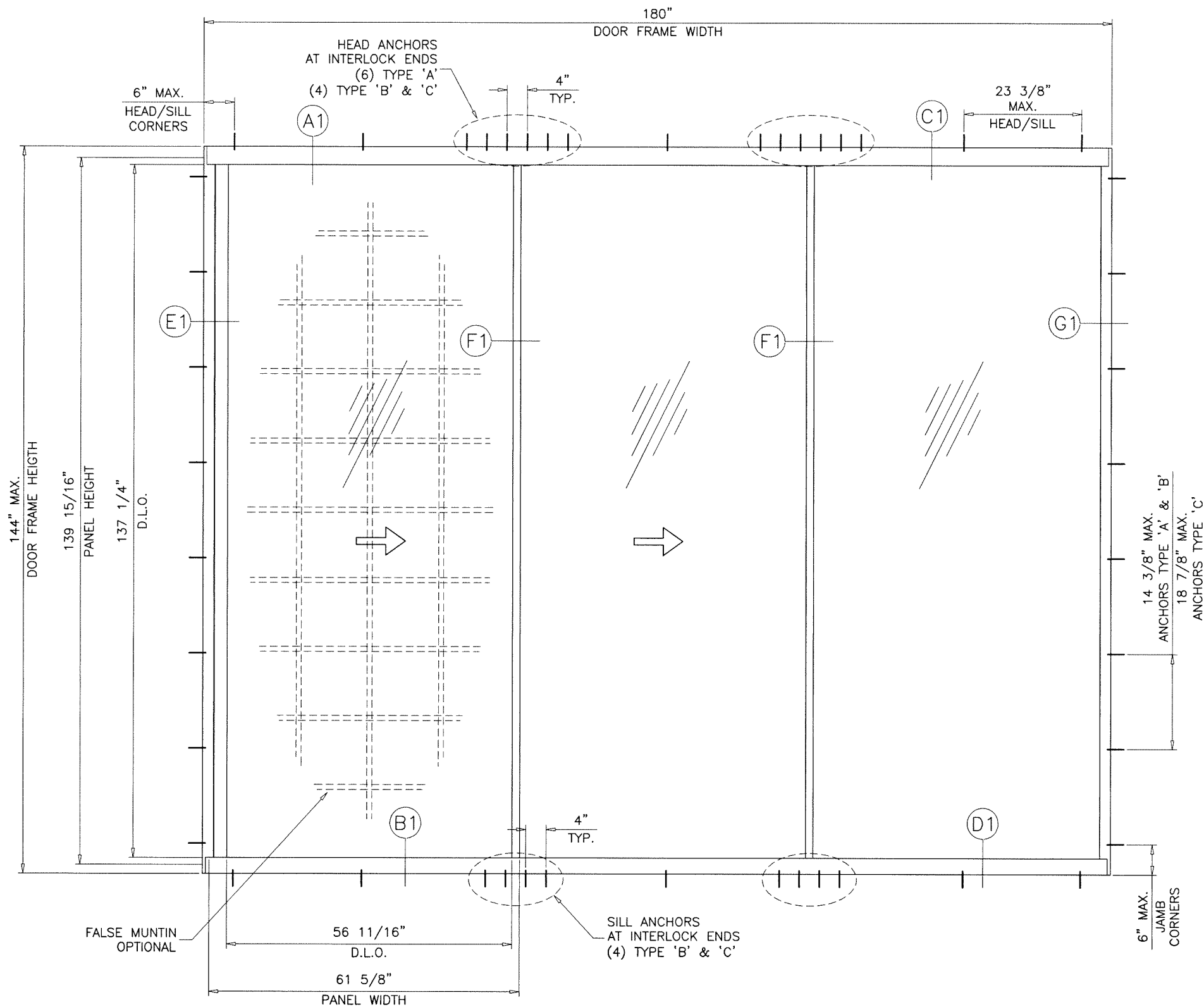
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dr. by:	TARIQ	dr. by:	TARIQ	dr. by:	TARIQ
chk. by:		chk. by:		chk. by:	

drawing no.

25-20F

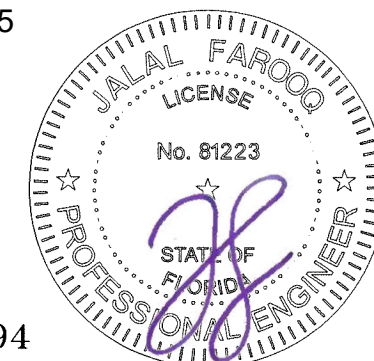
sheet 1 of 17

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\25-20F-SMP



TYPICAL ELEVATION
TESTED UNIT (3 TRACK)

Sealed: 10/29/2025

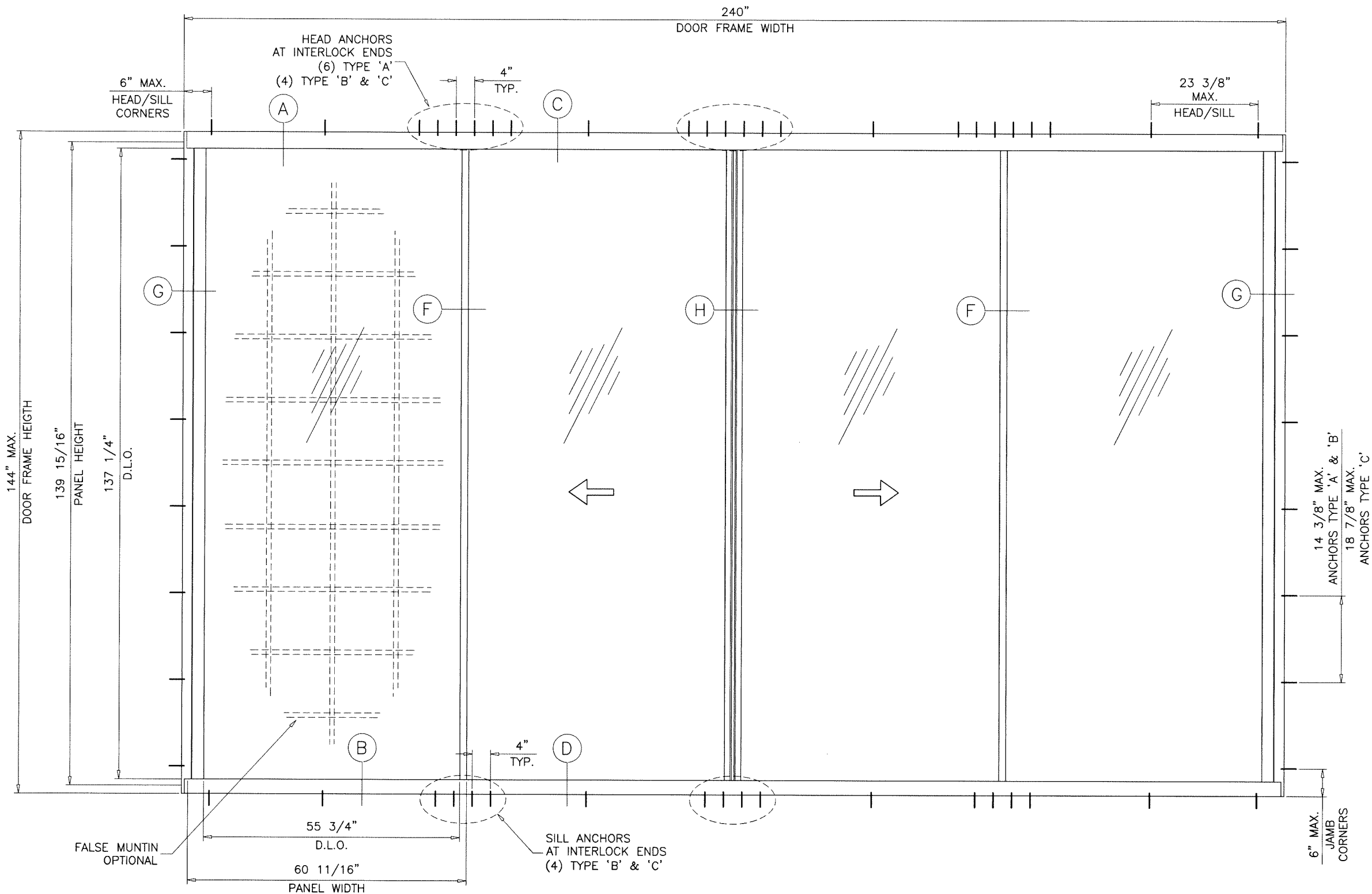


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revisions:		no date by description	
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drawing no.	25-20F		
sheet	2 of 17		



TYPICAL ELEVATION
TESTED UNIT (2 TRACK)

Sealed: 10/29/2025



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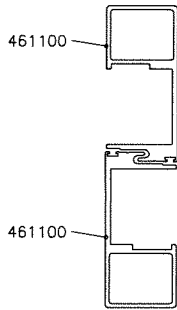
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drawing no.	25-20F		
sheet	3 of 17		

DOOR DESIGN LOAD CAPACITY - PSF
MINI INTERLOCKS

AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPES 'A' & 'Ai'	
		EXT.(+)	INT.(-)
36	84	63.0	70.0
42		63.0	70.0
48		63.0	70.0
54		63.0	70.0
36	96	63.0	70.0
42		63.0	70.0
48		63.0	70.0

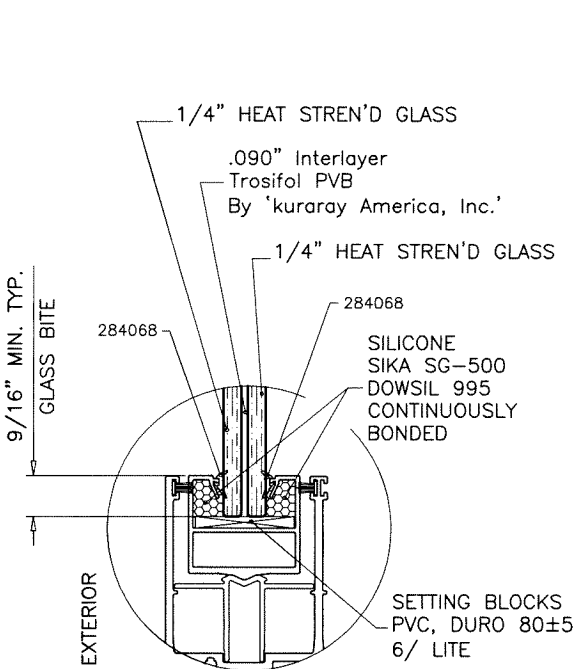


MINI INTERLOCKS

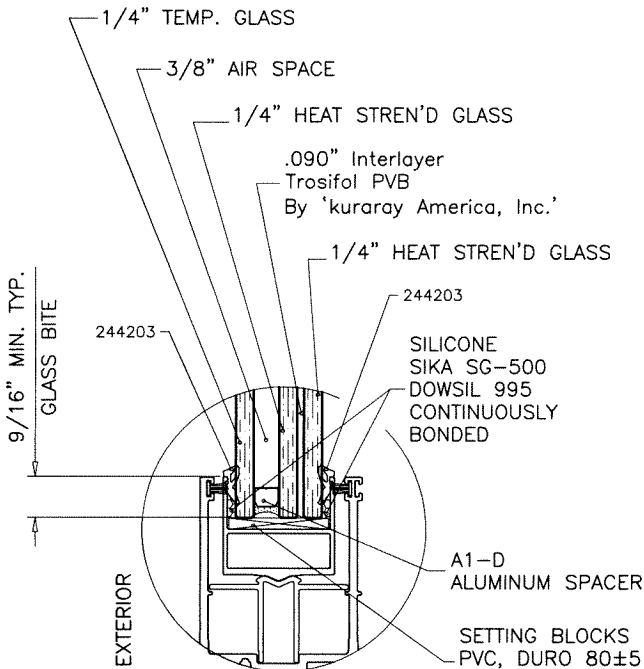
AVERAGE PANEL WIDTH = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$

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

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY
EGRESS REQUIREMENTS PER FBC AS REQUIRED.



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



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

Sealed: 10/29/2025

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



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revisions:
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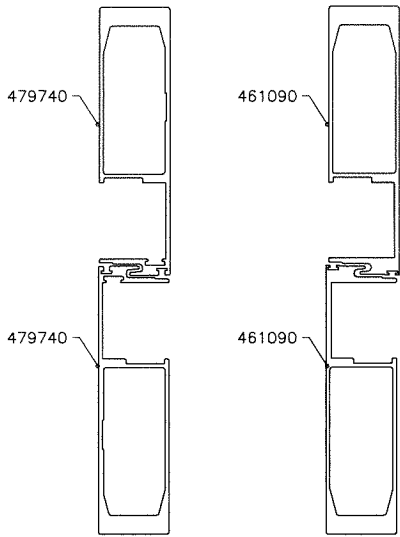
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25-20F
sheet 4 of 17

DOOR DESIGN LOAD CAPACITY - PSF STANDARD INTERLOCKS					
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPES 'B' & 'Bi'		GLASS TYPES 'C' & 'Ci'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36	108	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		63.0	70.0	63.0	70.0
66		63.0	70.0	63.0	70.0
72		63.0	70.0	63.0	70.0
78		-	-	63.0	70.0
36	114	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		63.0	70.0	63.0	70.0
66		63.0	70.0	63.0	70.0
72		-	-	63.0	70.0
36	120	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		63.0	70.0	63.0	70.0
66		63.0	70.0	63.0	70.0
72		-	-	63.0	67.9
36	126	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		63.0	70.0	63.0	70.0
66		-	-	63.0	66.9
36	132	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		-	-	63.0	67.1
36	138	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
48		63.0	70.0	63.0	70.0
54		63.0	70.0	63.0	70.0
60		-	-	63.0	63.3
36	144	63.0	70.0	63.0	70.0
42		63.0	70.0	63.0	70.0
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54		63.0	70.0	63.0	70.0
60		-	-	60.0	60.0

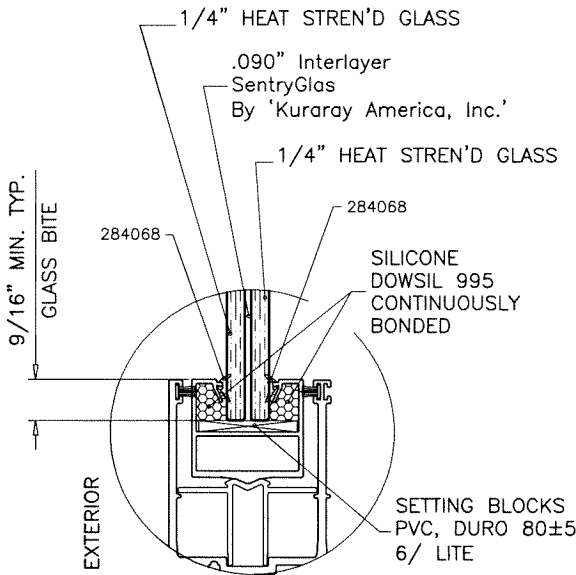
AVERAGE PANEL WIDTH = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$

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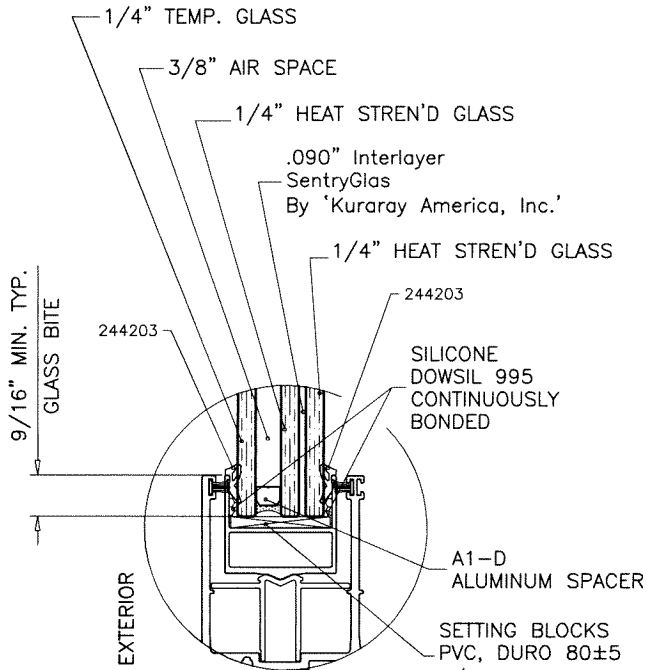


STANDARD INTERLOCKS



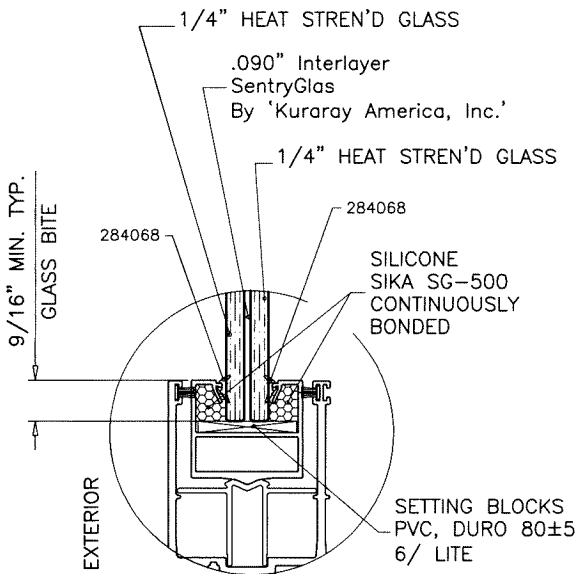
GLASS TYPE 'B'

9/16" OVERALL LAMINATED GLASS



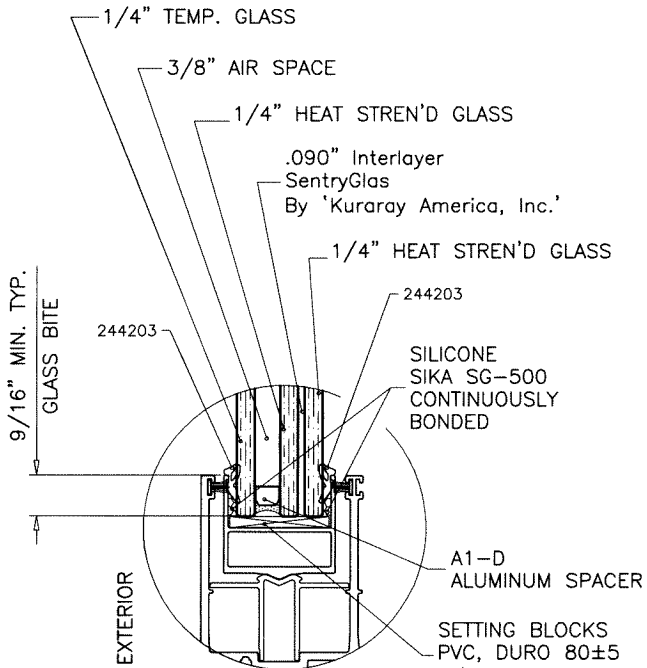
GLASS TYPE 'Bi'

1-3/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'C'

9/16" OVERALL LAMINATED GLASS



GLASS TYPE 'Ci'

1-3/16" OVERALL INSUL. LAM. GLASS

Sealed: 10/29/2025

NOTE:
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BASED ON ASTM E1300-09 (3 SEC. GUSTS)
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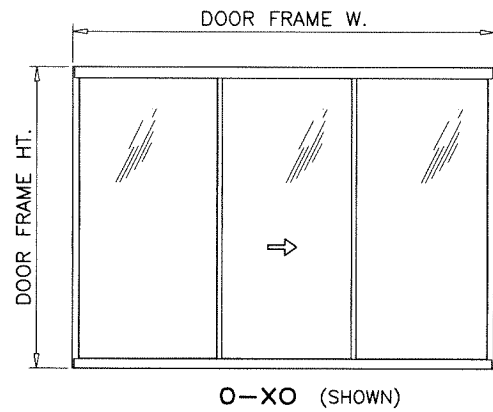
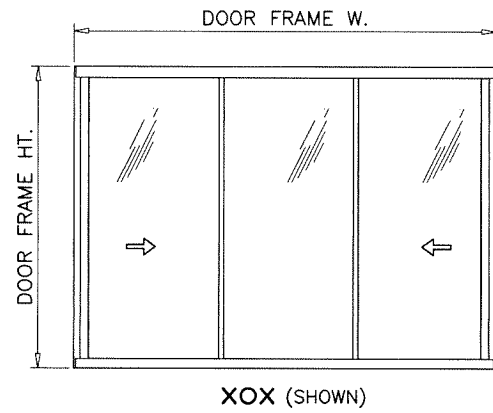
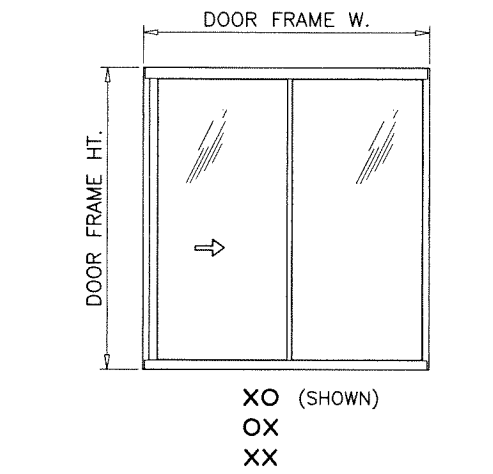
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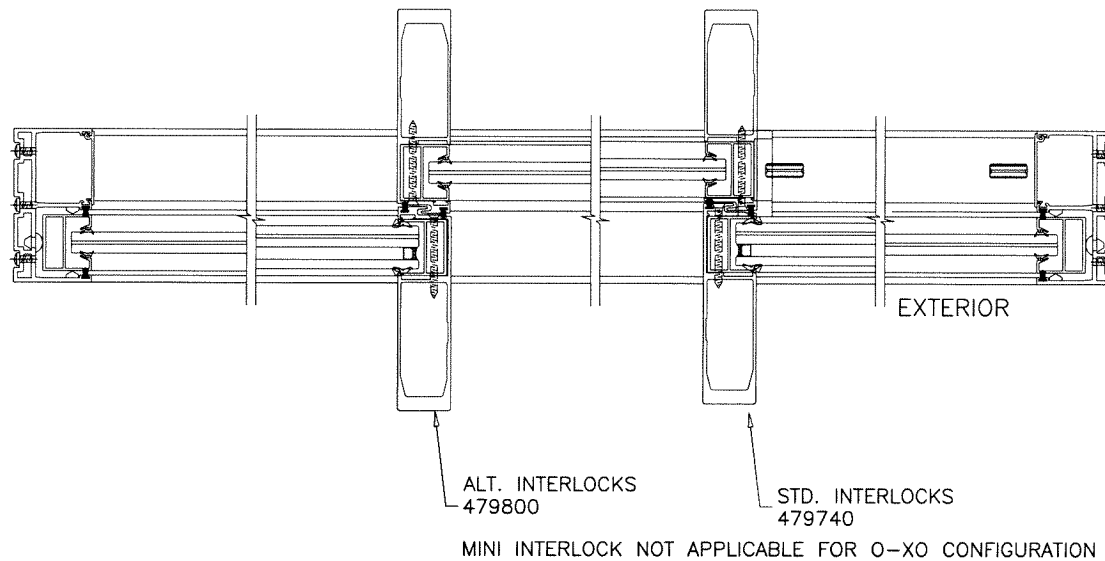
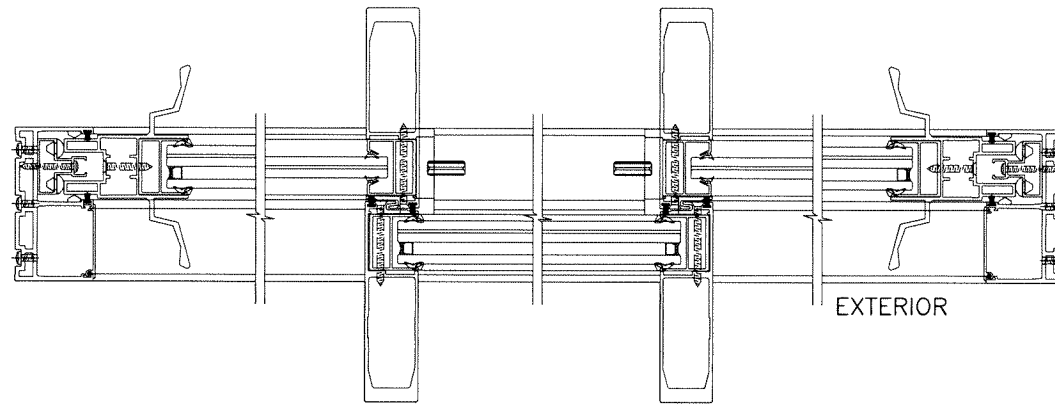
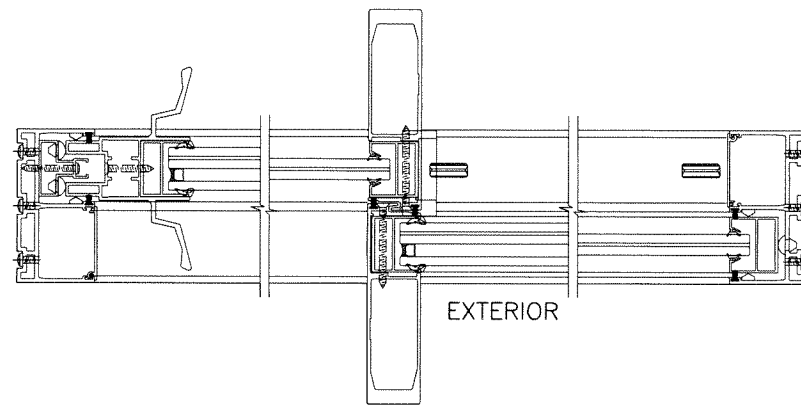
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25-20F

sheet 4.1 of 17



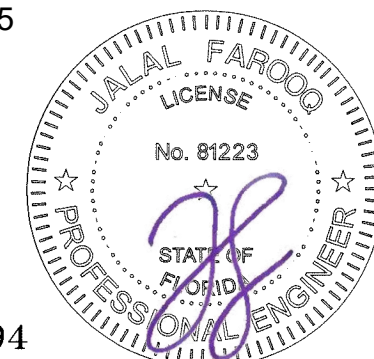
APPROVED CONFIGURATIONS
TWO (2) TRACKS

DOOR CONFIGURATIONS SHOWN FOR STANDARD INTERLOCKS
APPLICABLE TO MINI INTERLOCKS ALSO.



Sealed: 10/29/2025

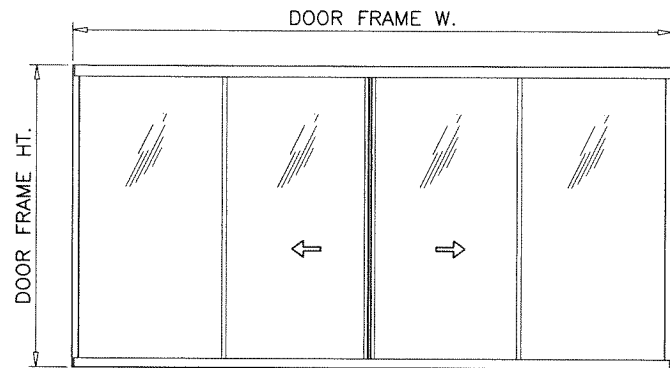
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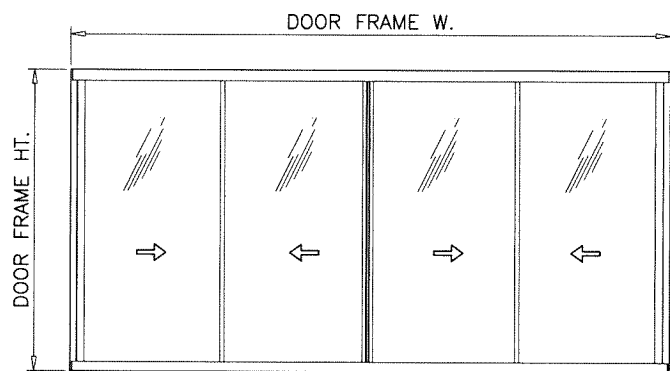
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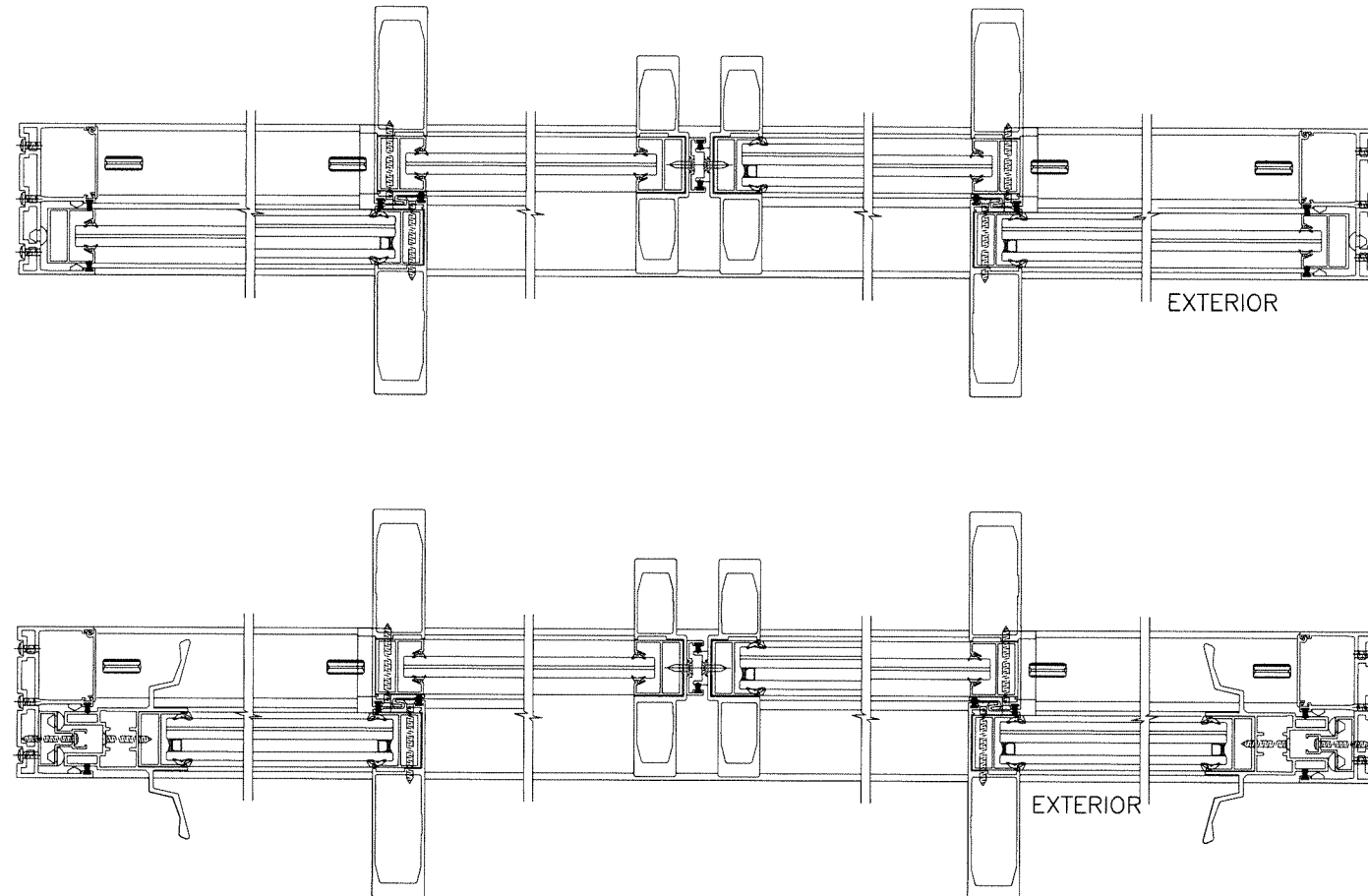
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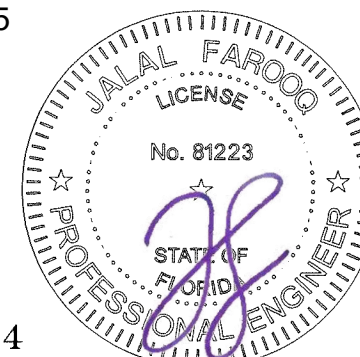
APPROVED CONFIGURATIONS
TWO (2) TRACKS

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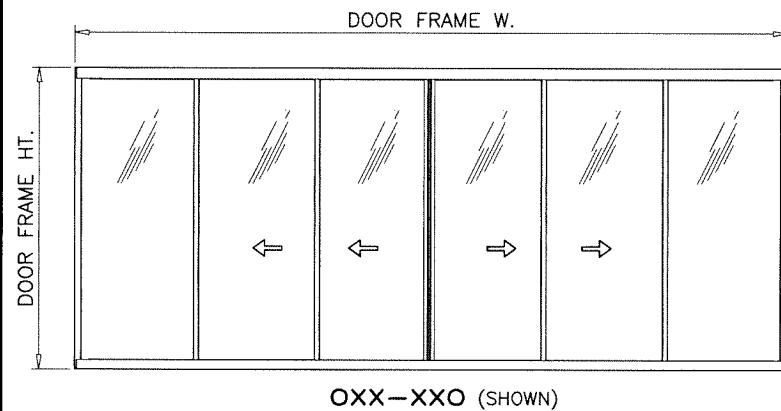


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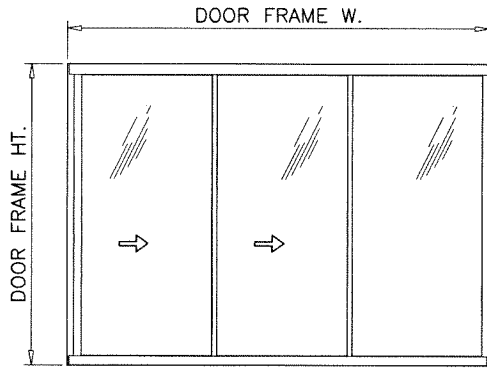
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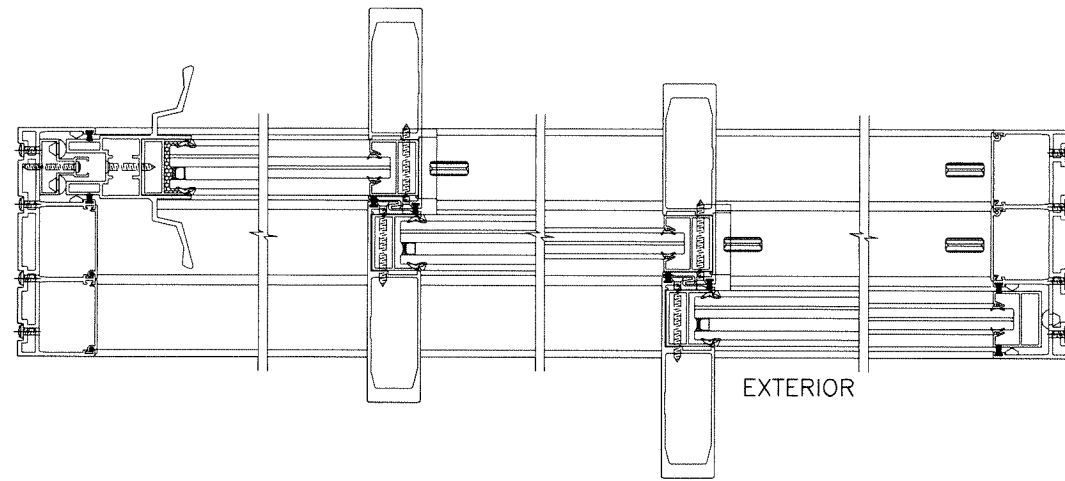
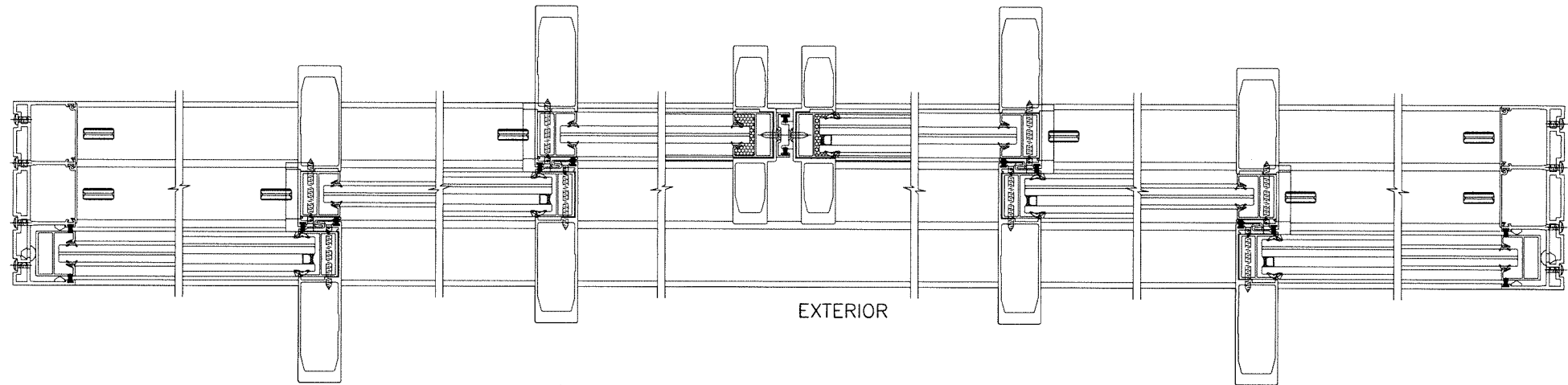
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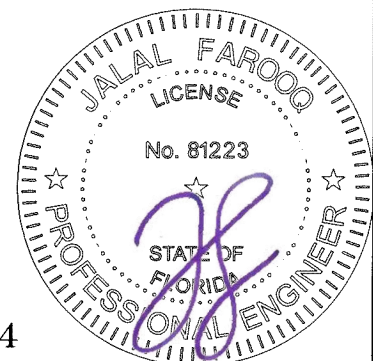
APPROVED CONFIGURATIONS
THREE (3) TRACKS

DOOR CONFIGURATIONS SHOWN FOR STANDARD INTERLOCKS
APPLICABLE TO MINI INTERLOCKS ALSO.



Sealed: 10/29/2025

FL #47794



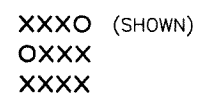
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DOOR CONFIGURATIONS SHOWN FOR STANDARD INTERLOCKS
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NOTE:

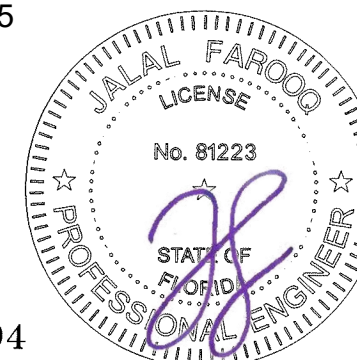
FOUR (4) TRACK DOOR DESIGN LOAD CAPACITIES SAME AS
2 AND 3 TRACK DOORS.

FOUR (4) TRACK ASSEMBLY AND INSTALLATION DETAILS SIMILAR TO 3 TRACK DOOR.

MAX. DOOR AREA OF FOUR (4) TRACK DOORS NOT TO EXCEED 360.0 SQ. FT.



Sealed: 10/29/2025



FL #47794

af c

AL-FAROOQ CORPORATION

AL-FANOUC CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

(C.A.N. 3538)

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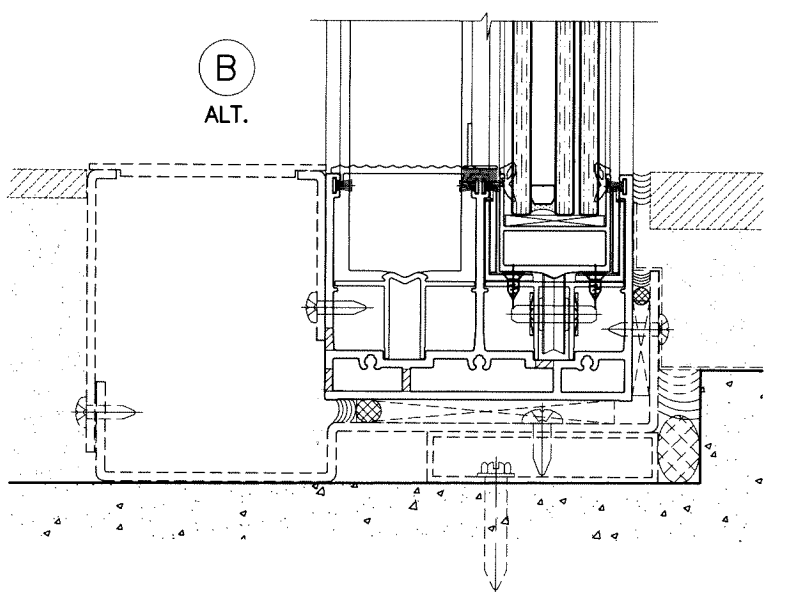
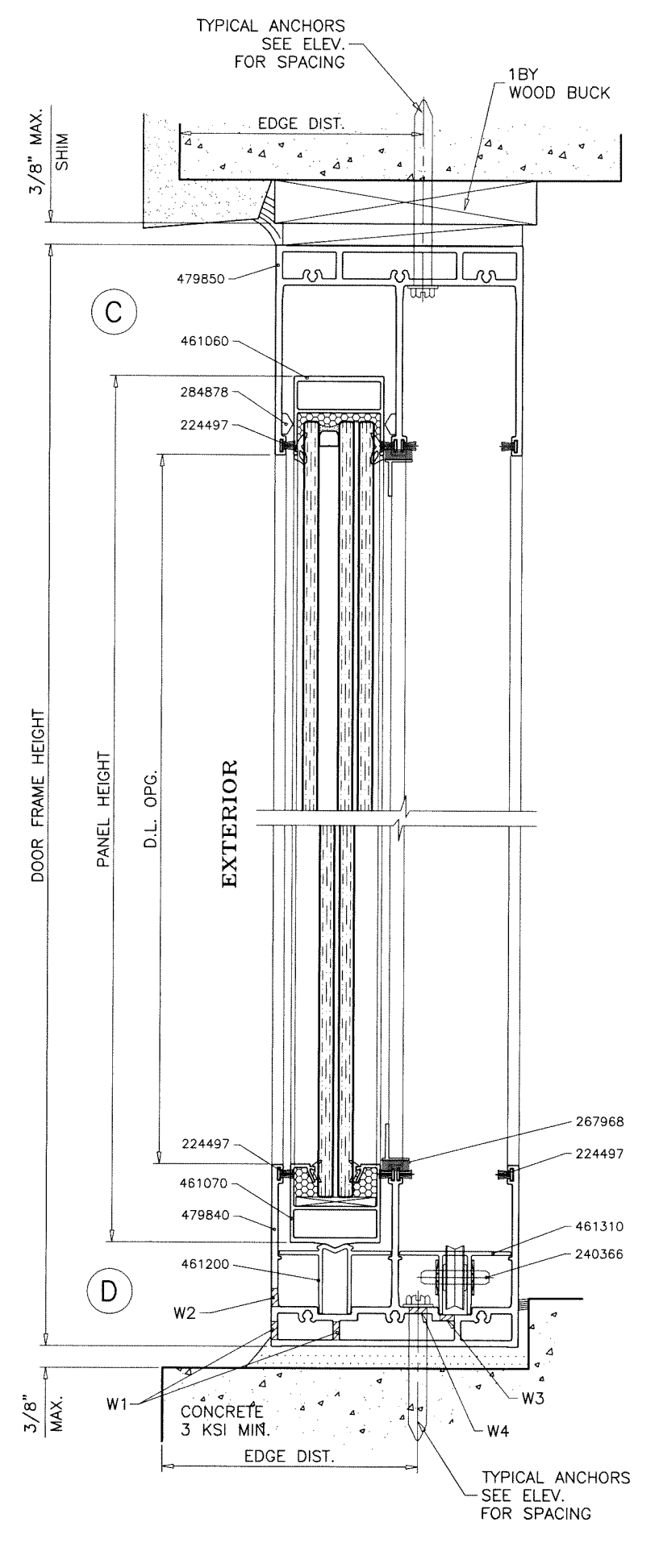
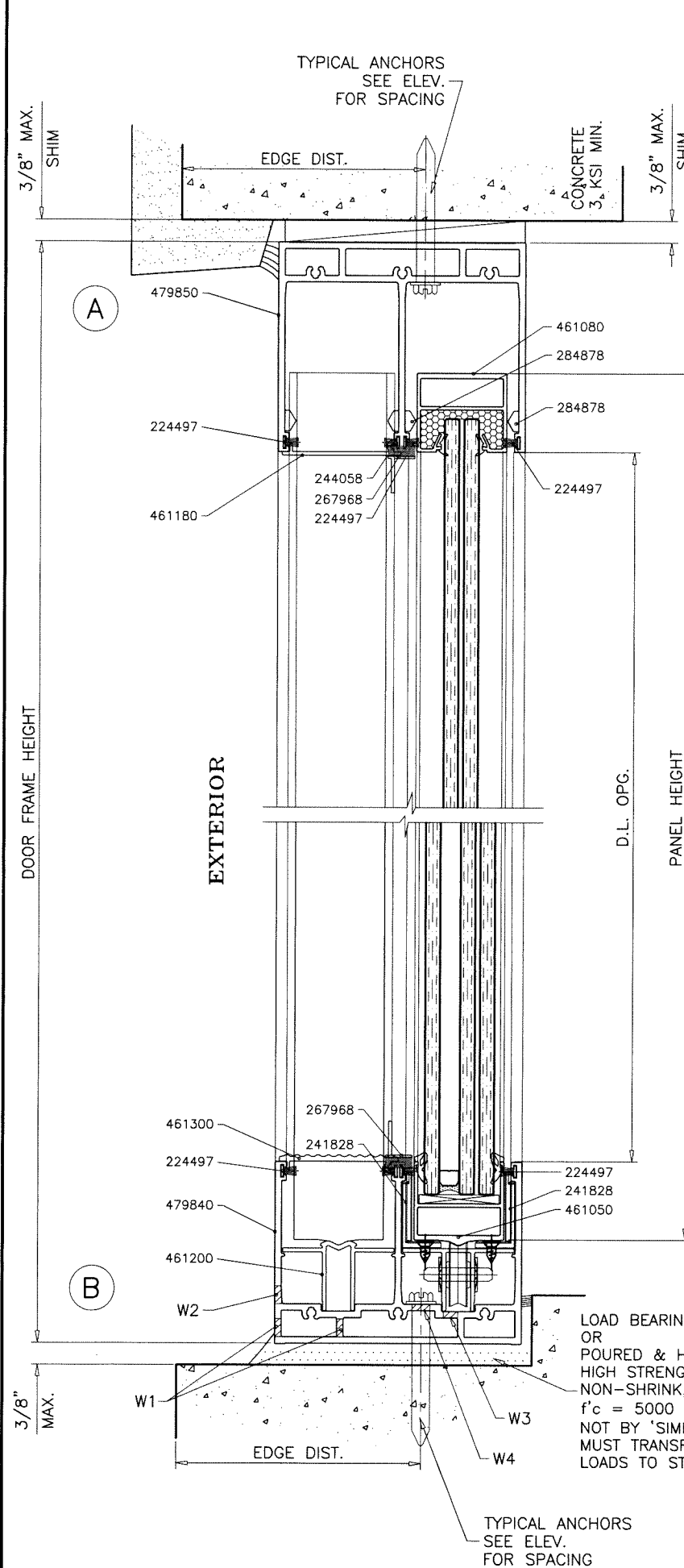
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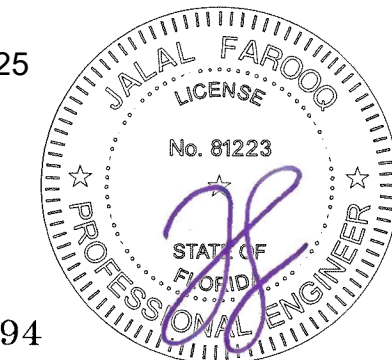


- WEEPHOLES:**
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NOT PART OF THIS APPROVAL
DRAINAGE TO BE DESIGNED SEPARATELY FOR WATER INFILTRATION RESISTANCE

2 TRACK FRAMES

Sealed: 10/29/2025



FL #47794

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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COMP-ANL 25-20F-SMP

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)

Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

revisions:	no	date	by	description

date: 03-04-25
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
25-20F

sheet 8 of 17

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'SIMPAS' 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' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

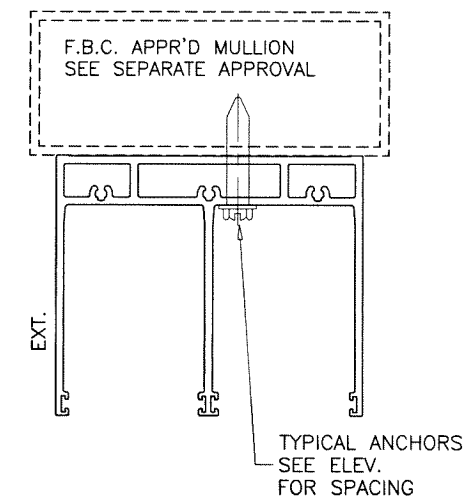
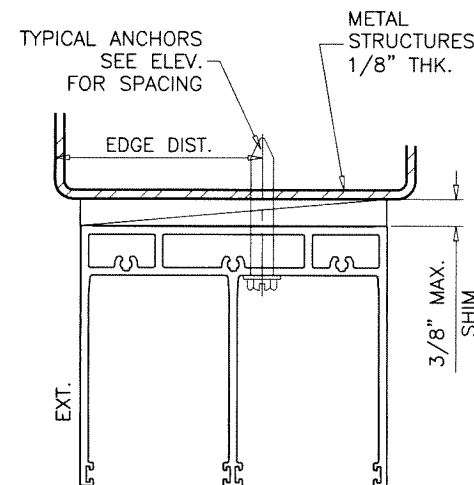
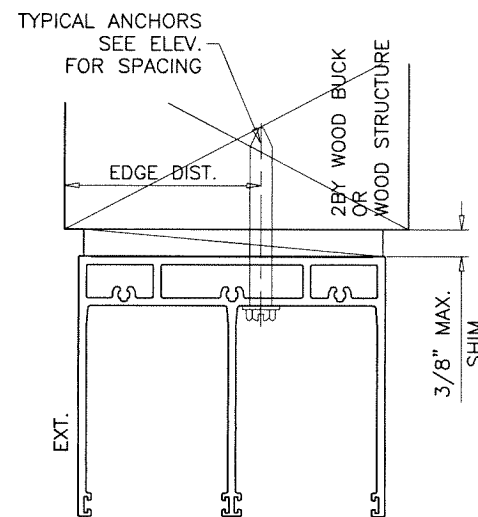
TYPE 'B'— 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

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. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL EDGE DISTANCE

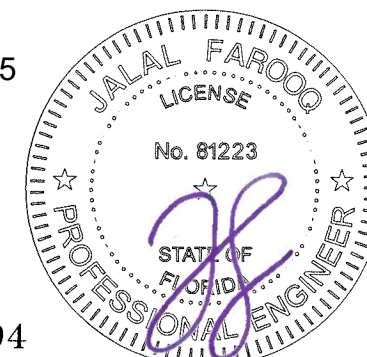
INTO CONCRETE AND BLOCKS = 3-1/8" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

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.



2 TRACK FRAMES

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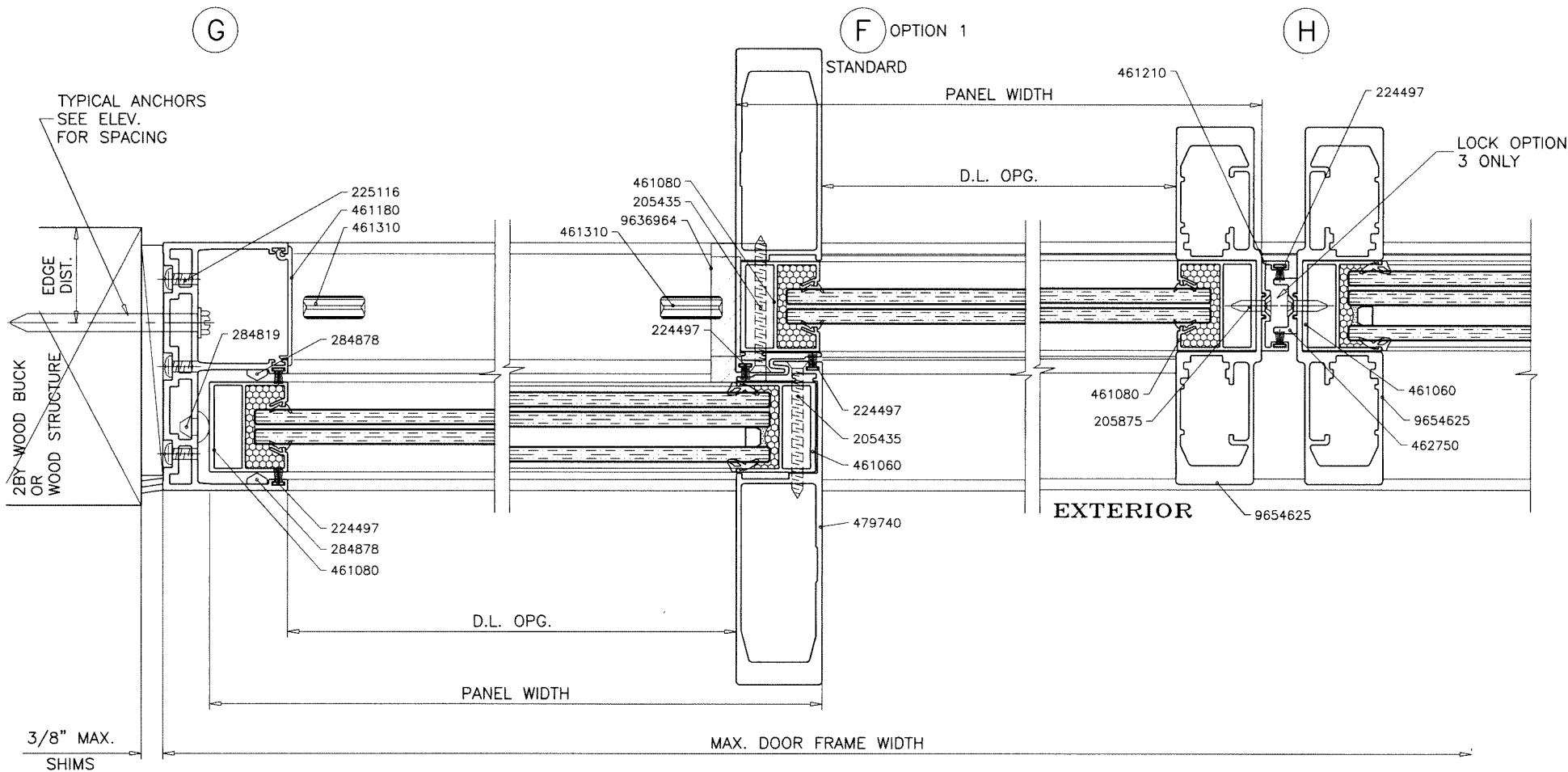
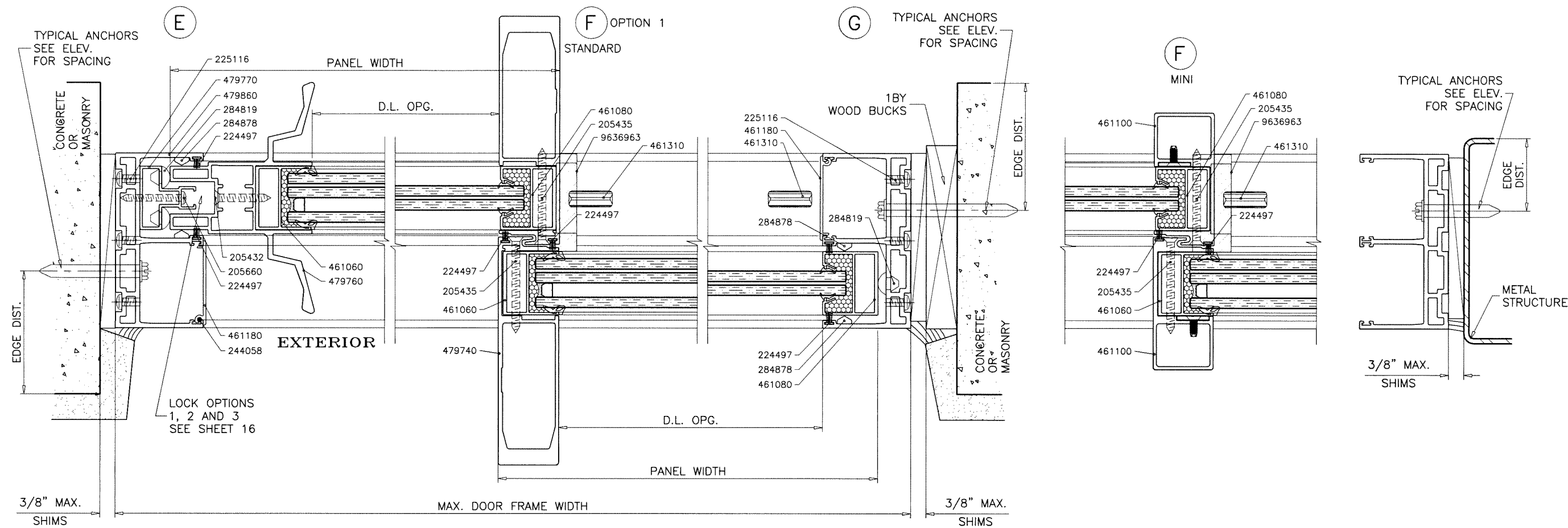
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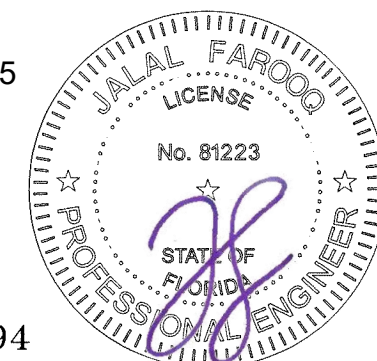
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sheet				9 of 17



2 TRACK FRAMES

Sealed: 10/29/2025



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af c

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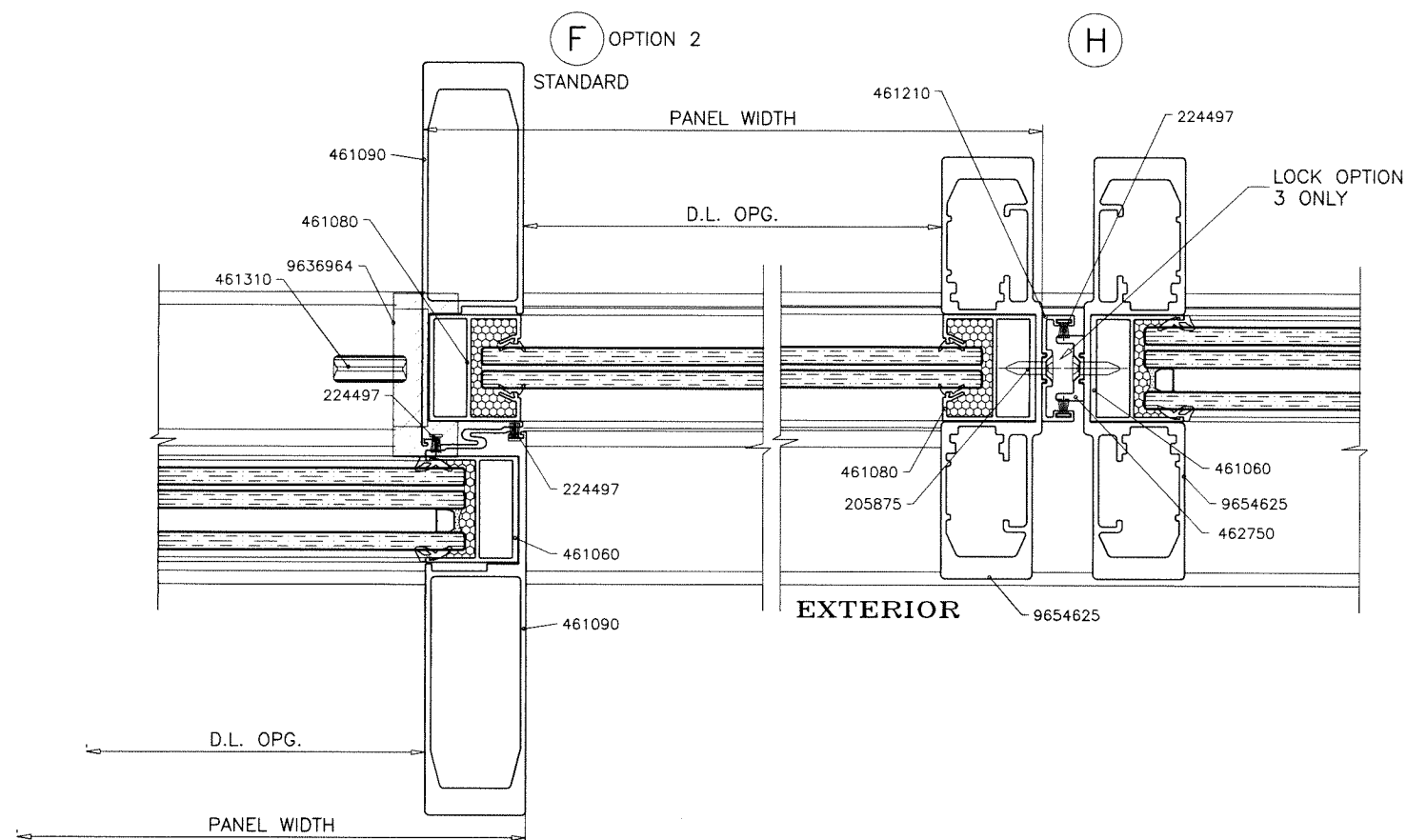
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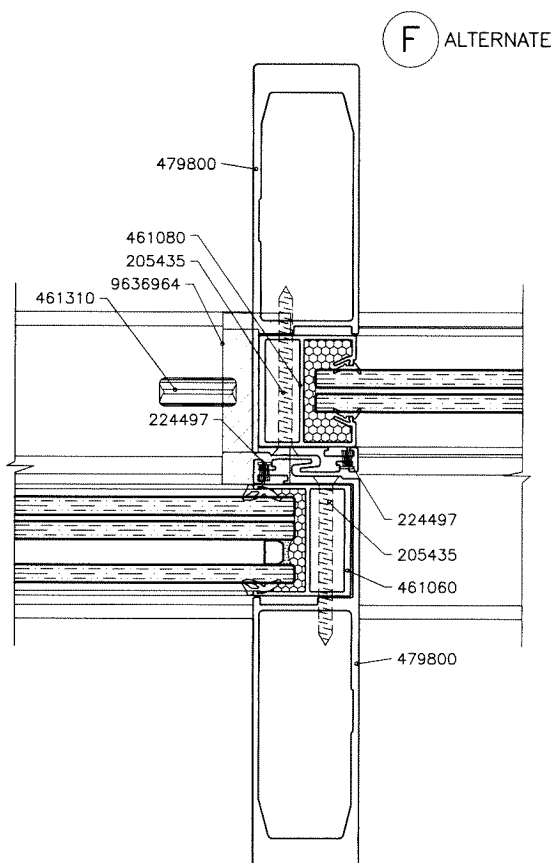
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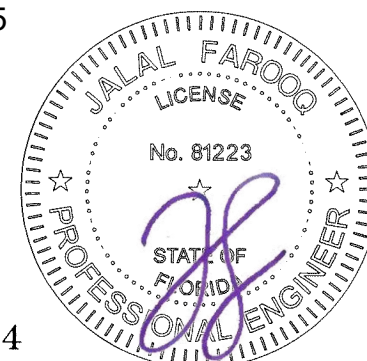
drawing no.
25-20F
sheet 10 of 17



NOTE:
INTERLOCK STILES SHOWN AS OPTION #2
CAN BE USED IN 2 TRACK AND 3 TRACK FRAMES.



Sealed: 10/29/2025



FL #47794

a f c

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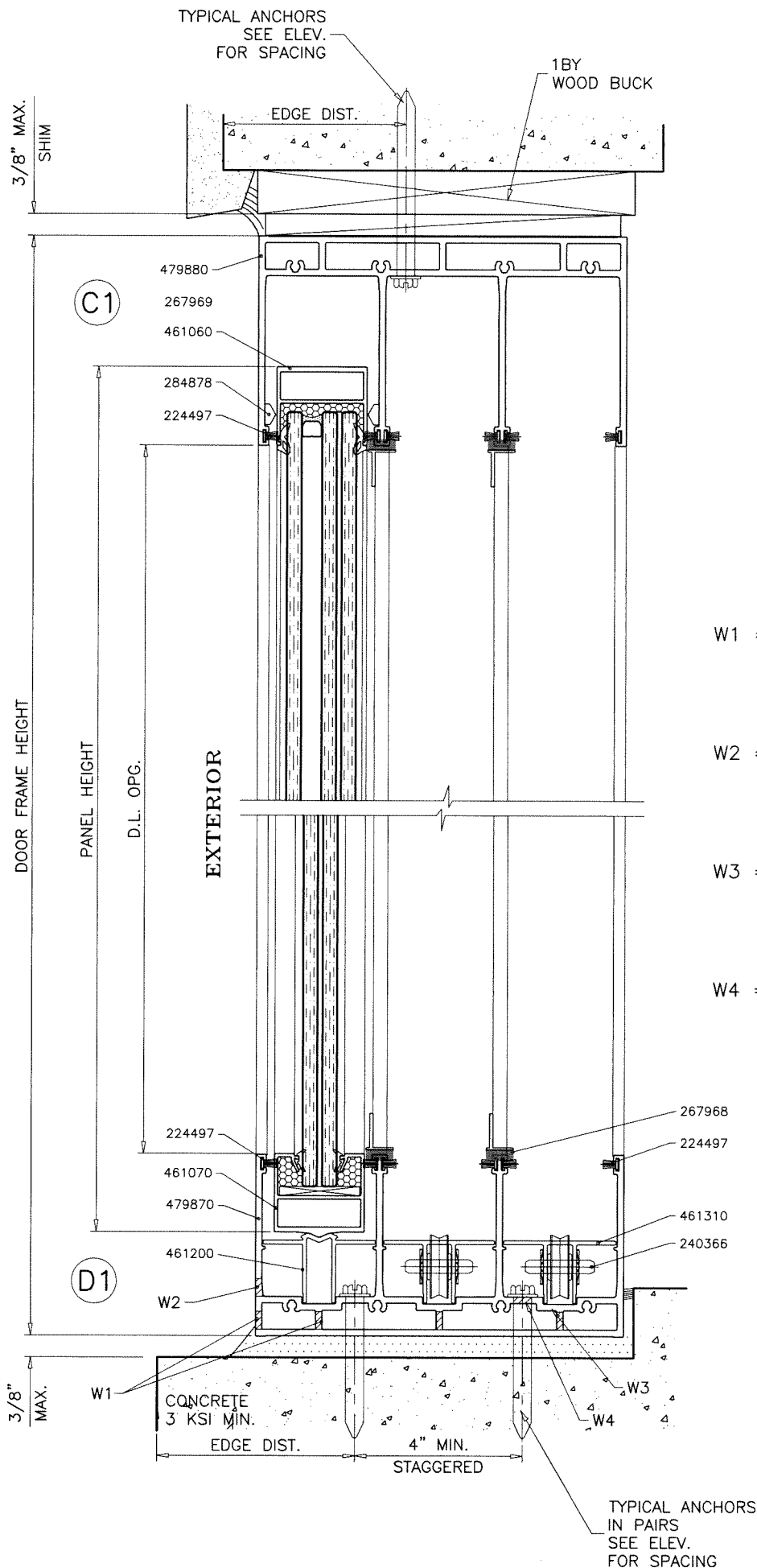
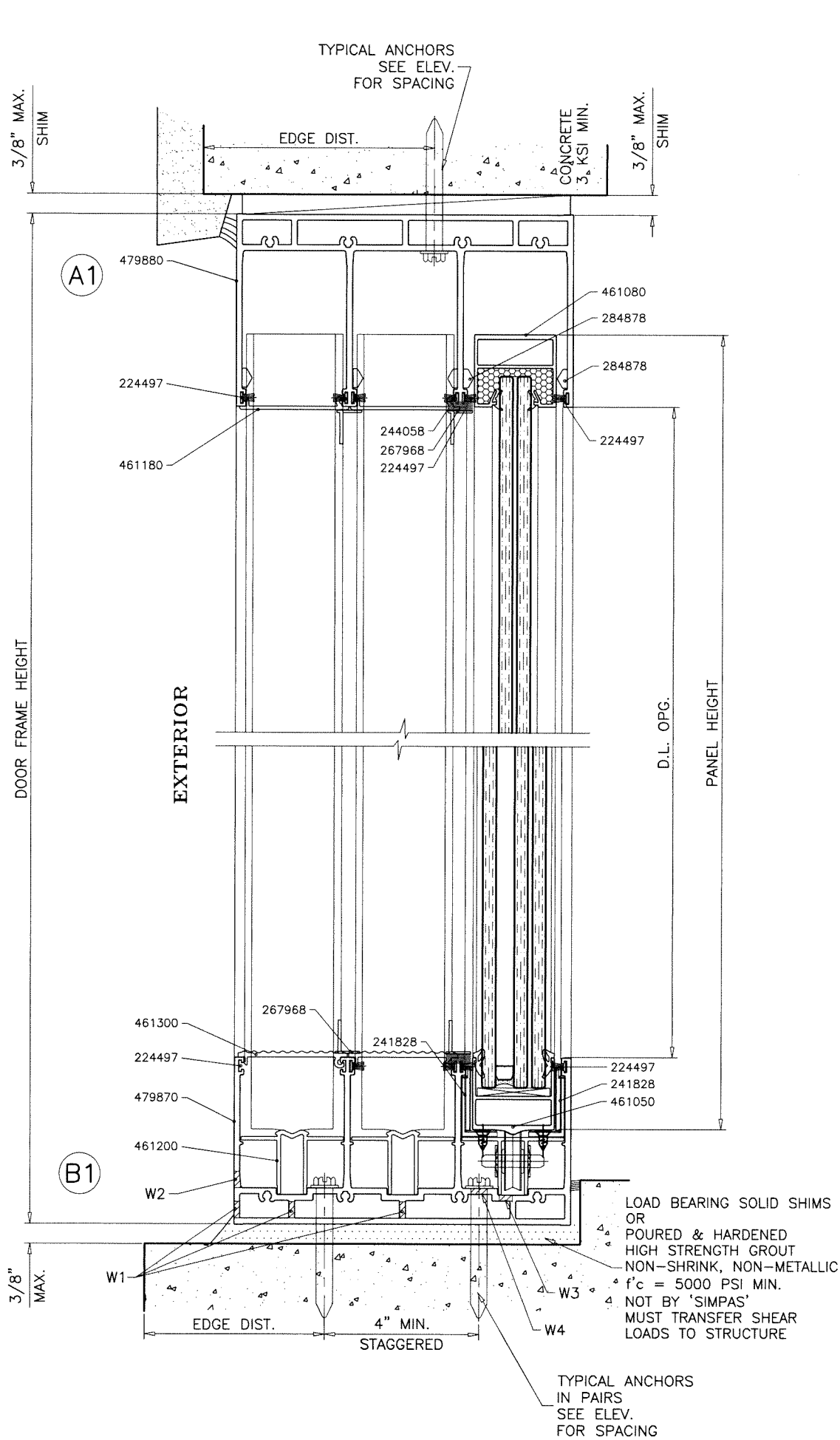
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drawing no.
25-20F
sheet 10.1 of 17

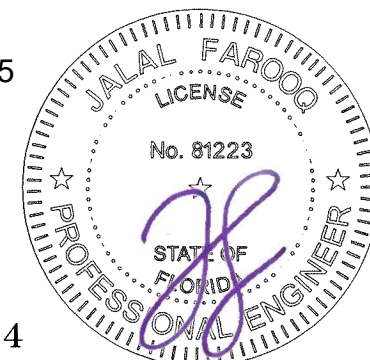


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3 TRACK FRAMES

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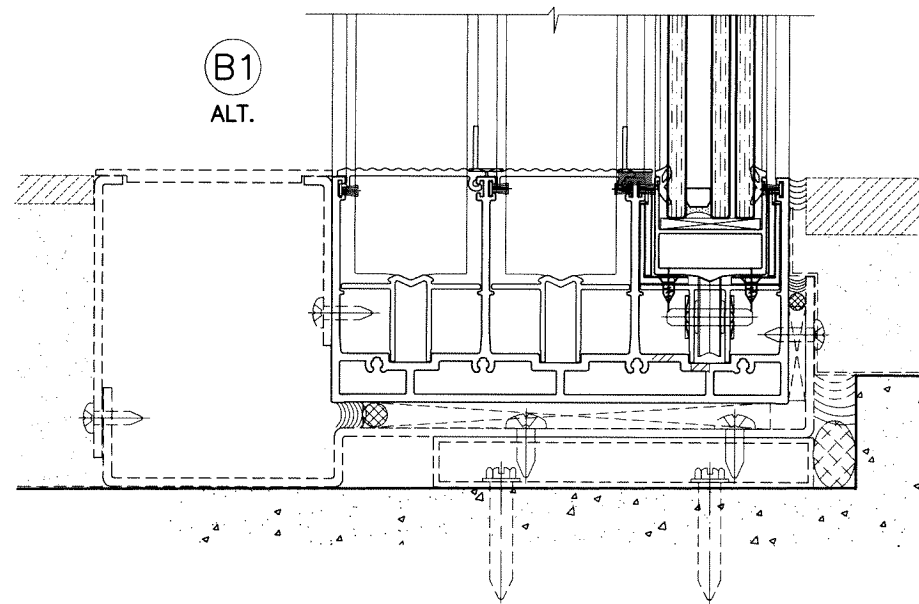
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chk. by:

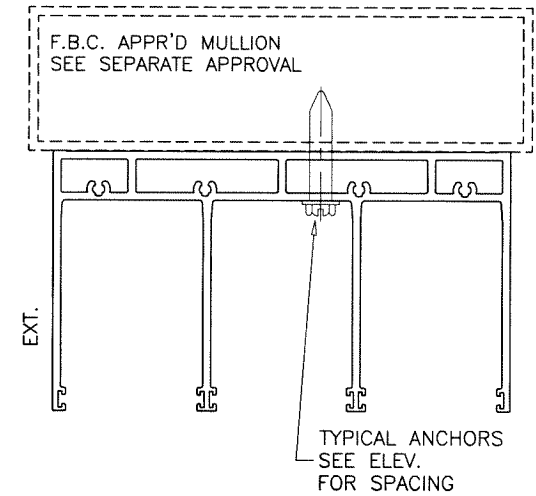
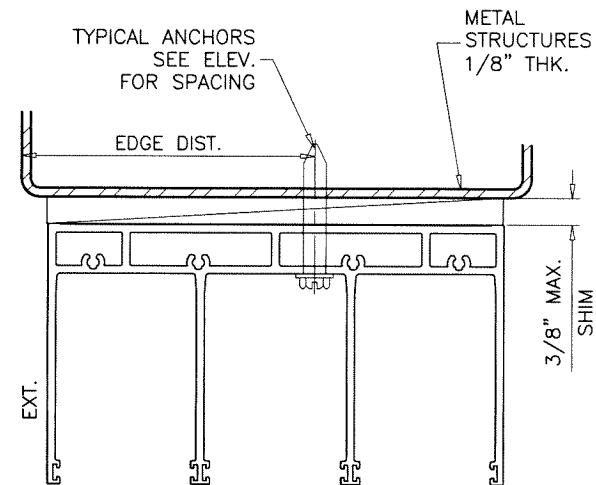
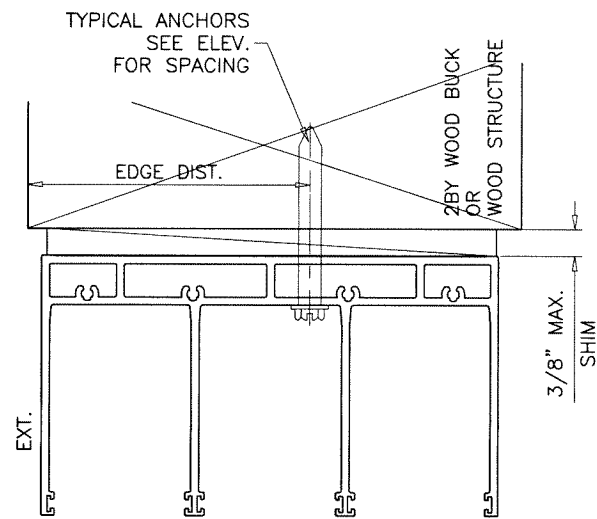
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25-20F

sheet 11 of 17

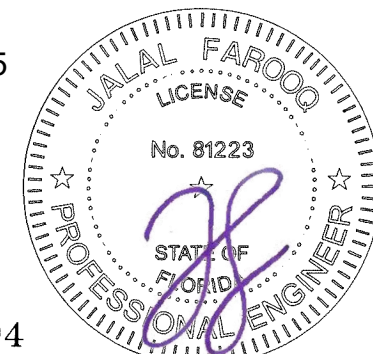


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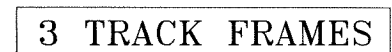
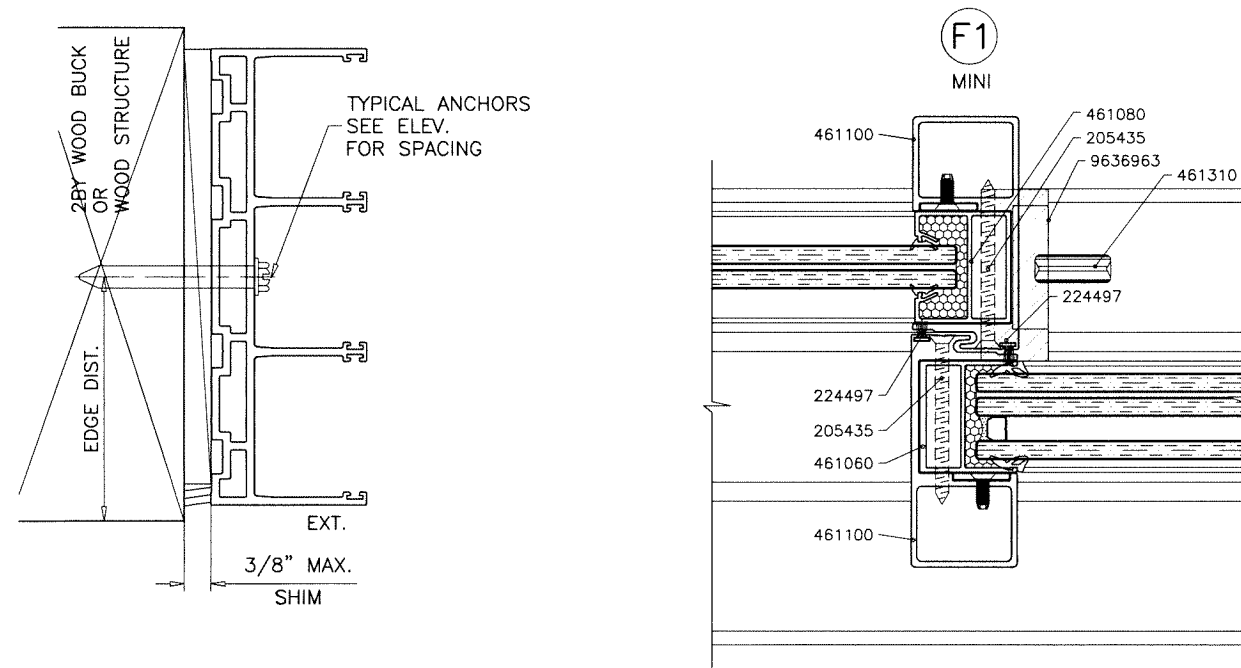
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sheet 12 of 17

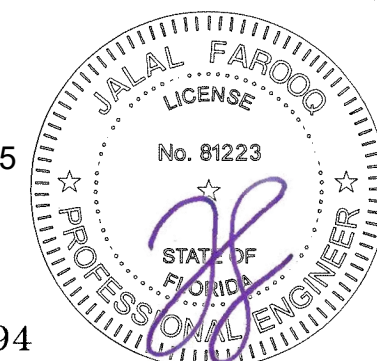
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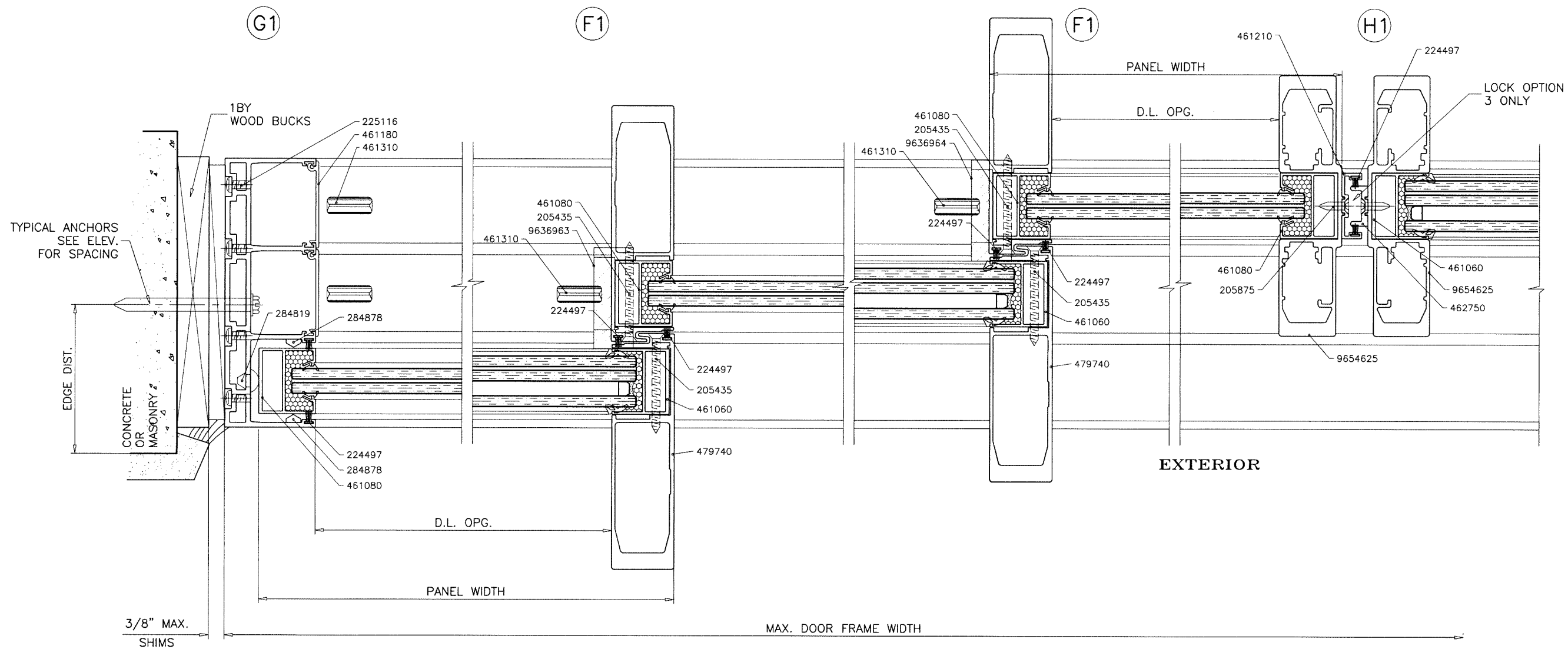


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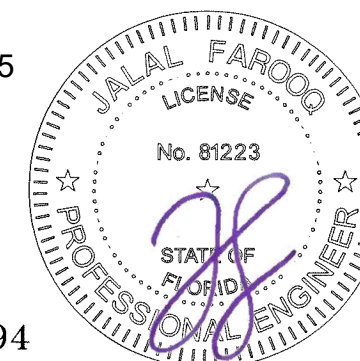
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3 TRACK FRAMES

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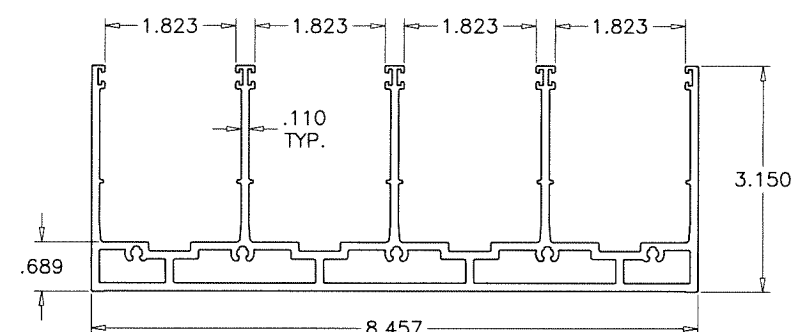
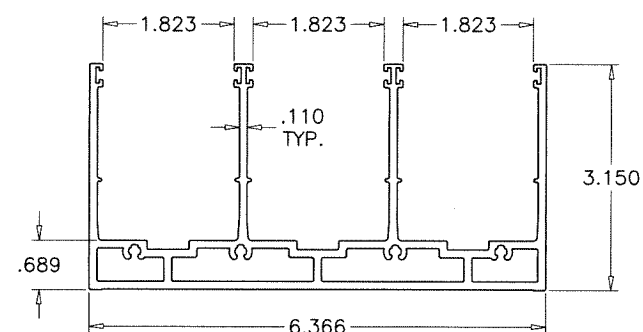
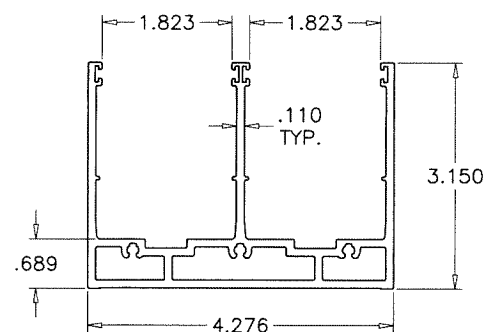
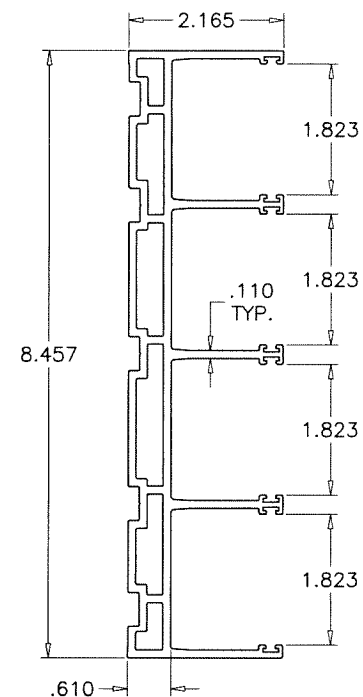
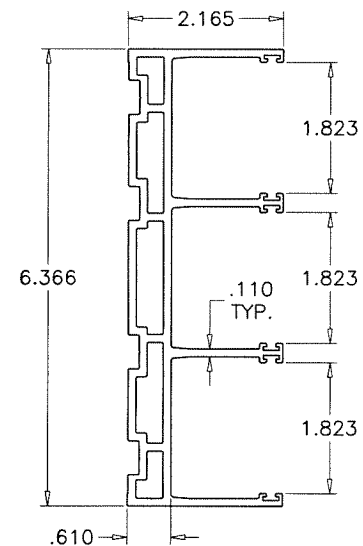
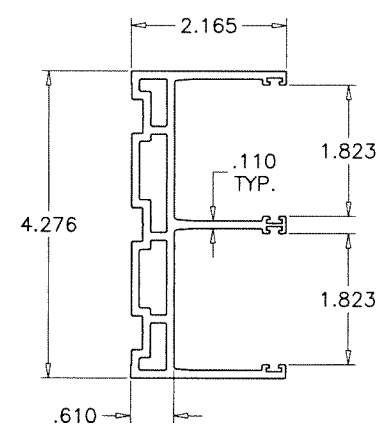
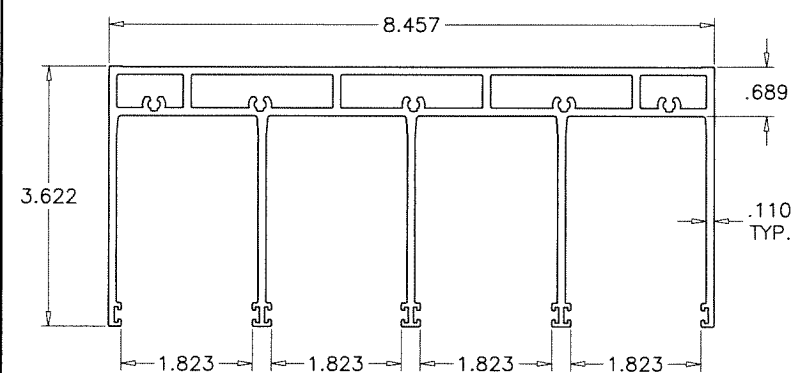
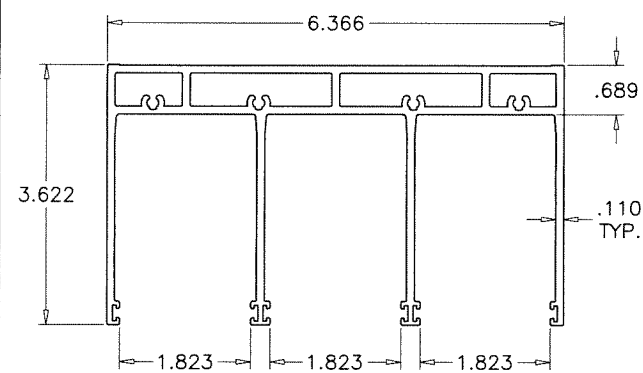
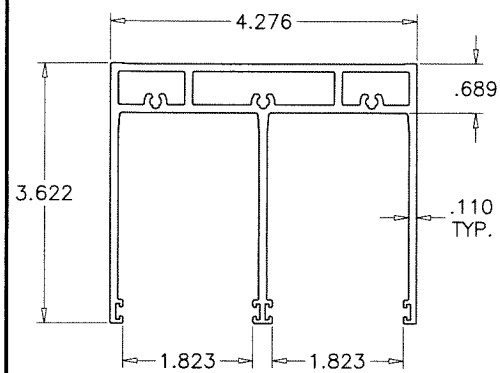
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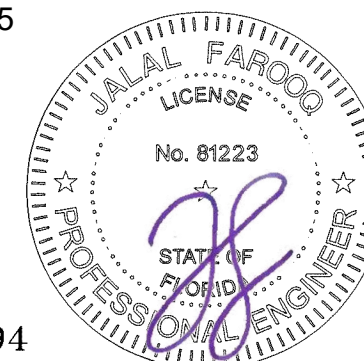
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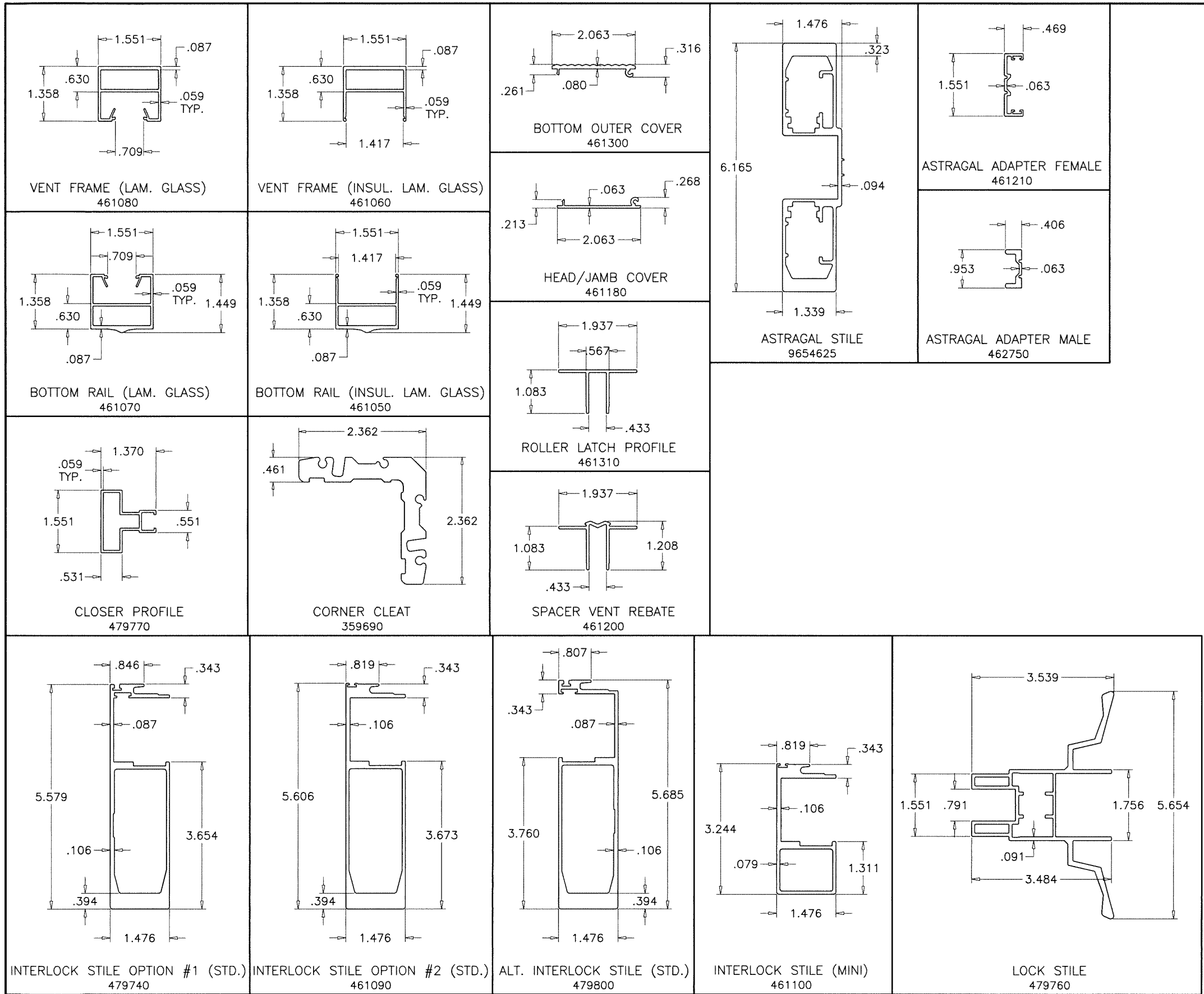


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)

Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

date: 03-04-25		revisions:	
scale: 3/8" = 1"		no	by
dr. by: TARIQ			
chk. by:			
drawing no. 25-20F			
sheet 15 of 17			



Sealed: 10/29/2025



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sheet 15.1 of 17				

PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
284878	—	CENTERING PIECE	EPDM	DUROMETER 80±5 SHORE A
359690	—	CORNER CLEAT PROFILE	6063-T6	—
461070	—	BOTTOM RAIL (LAM. GLASS)	6063-T6	—
461050	—	BOTTOM RAIL (INSUL. LAM. GLASS)	6063-T6	—
461060	—	VENT FRAME (LAM. GLASS)	6063-T6	—
461080	—	VENT FRAME (INSUL. LAM. GLASS)	6063-T6	—
461180	—	HEAD/JAMB COVER	6063-T6	—
461200	—	SPACER VENT REBATE	6063-T6	—
461300	—	BOTTOM COVER	6063-T6	—
461310	—	ROLLER LATCH PROFILE	6063-T6	—
479740	—	INTERLOCK STILE OPTION #1 (STANDARD)	6063-T6	—
461090	—	INTERLOCK STILE OPTION #2 (STANDARD)	6063-T6	—
461100	—	INTERLOCK STILE (MINI)	6063-T6	—
479800	—	ALT. INTERLOCK STILE (STANDARD)	6063-T6	—
479760	—	LOCK STILE	6063-T6	—
9654625	—	ASTRAGAL STILE	6063-T6	—
461210	—	ASTRAGAL ADAPTER FEMALE	6063-T6	—
462750	—	ASTRAGAL ADAPTER MALE	6063-T6	—
479770	—	CLOSER PROFILE	6063-T6	—
479840	—	FRAME SILL (2 TRACK)	6063-T6	—
479870	—	FRAME SILL (3 TRACK)	6063-T6	—
9629150	—	FRAME SILL (4 TRACK)	6063-T6	—
479850	—	FRAME HEAD (2 TRACK)	6063-T6	—
479880	—	FRAME HEAD (3 TRACK)	6063-T6	—
9629152	—	FRAME HEAD (4 TRACK)	6063-T6	—
479860	—	FRAME JAMB (2 TRACK)	6063-T6	—
479890	—	FRAME JAMB (3 TRACK)	6063-T6	—
9629153	—	FRAME JAMB (4 TRACK)	6063-T6	—
240366	—	ROLLER	ST. STEEL	—
254519	—	DOOR STOP, BLACK	6063-T6	—
276827	—	LOCKING LEVER LH9005	6063-T6	—
276931	—	DOOR STOP RAL 9005	—	—
281151	—	SINGLE POINT LOCK	—	—
281152	—	3 POINT LOCK	—	—
281157	—	STRIKE PLATE	ST. STEEL	—
224497	—	BRUSH SEAL	WOOL	—
284068	—	GLAZING GASKET 3MM (LAM. GLASS)	EPDM	DUROMETER 80±5 SHORE A
244203	—	GLAZING GASKET 3MM (INSUL. LAM. GLASS)	EPDM	DUROMETER 80±5 SHORE A
278502	—	EDGE COVER 9005	—	—
278576	—	SEAL KIT	—	—
284819	—	REBATE DOOR STOP	—	—
205080	—	C. SUNK SCREW B3.9X13	ST. STEEL	—
205432	—	C. SUNK SCREW B4.8X35	ST. STEEL	—
205435	—	C. SUNK SCREW B4.8X60	ST. STEEL	—
205660	—	OH SCREW S.B4.2X38 A4	ST. STEEL	—
205666	—	DIN7982DACRO. B3.9X45	ST. STEEL	—
225010	—	C. SUNK SCREW #10 X 5/8"	ST. STEEL	—
225116	—	S-D.SWST4.8X45TORX25	ST. STEEL	—
225198	—	SPECIAL SCREW M6	ST. STEEL	—
244058	—	GASKET CORD 2.5MM SW	—	—
267968	—	SEAL	—	—
267990	—	MULL JOINT SEAL	—	—
9624596	—	END CAP G.BAR 9005	—	—
281776	—	END CAP STRUCT. 9005	—	—
288180	—	SPECIAL ADHESIVE	—	—
9636963	—	LEFT SIDE SPLASH GUARD, ATTACHED W/ (1) 1/4" X 3/4" PH SCREW	PVC	—
9636964	—	RIGHT SIDE SPLASH GUARD, ATTACHED W/ (1) 1/4" X 3/4" PH SCREW	PVC	—

SEALANT:

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

LOCKS:

OPTION #1

SURFACE MOUNT METALLIC THREE PLY DUAL HOOK LOCK AT 36" FROM BOTTOM
FASTENED TO LOCK STILE WITH
(2) #10 X 1-1/2" FH SELF DRILLING SCREWS

SURFACE MOUNT METALLIC KEEPER FACING LOCK AT 38" FROM BOTTOM
FASTENED WITH
(2) #10 X 1-1/2" FH SMS

OPTION #2

SURFACE MOUNT METALLIC 3 POINT LOCK AT 36" FROM BOTTOM
FASTENED TO LOCK STILE WITH
(2) #10 X 1-1/2" FH SELF DRILLING SCREWS

SURFACE MOUNT METALLIC KEEPER FACING LOCK AT 38" FROM BOTTOM
FASTENED WITH
(2) #10 X 1-1/2" FH SMS

OPTION #3

THUMB TURN LOCK (270 047) AT 36" FROM BOTTOM
WITH ALUMINUM DOUBLE LATCH (220 587) ON HEAD AND SILL,
LOCKING BAR (138 660) AND LOCKING BAR SHOOT BOLTS (240 786 & 240 787)

Sealed: 10/29/2025



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Ioannina, 455 00, Greece
Tel. (265) 109-2177

revisions:

no	date	by	description

date: 03-04-25

scale: 3/8" = 1"

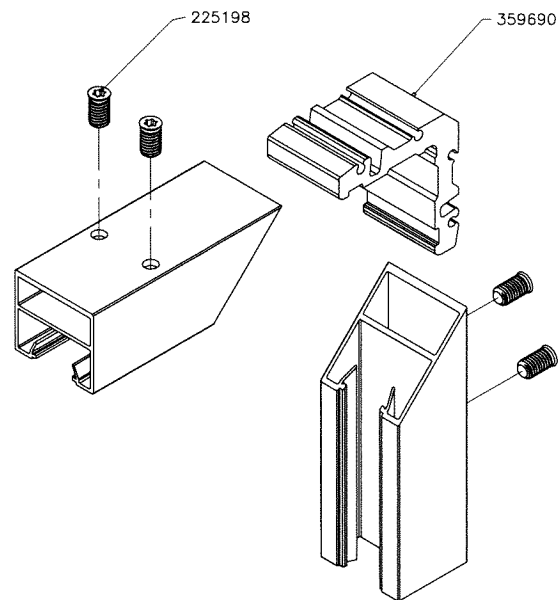
dr. by: TARIQ

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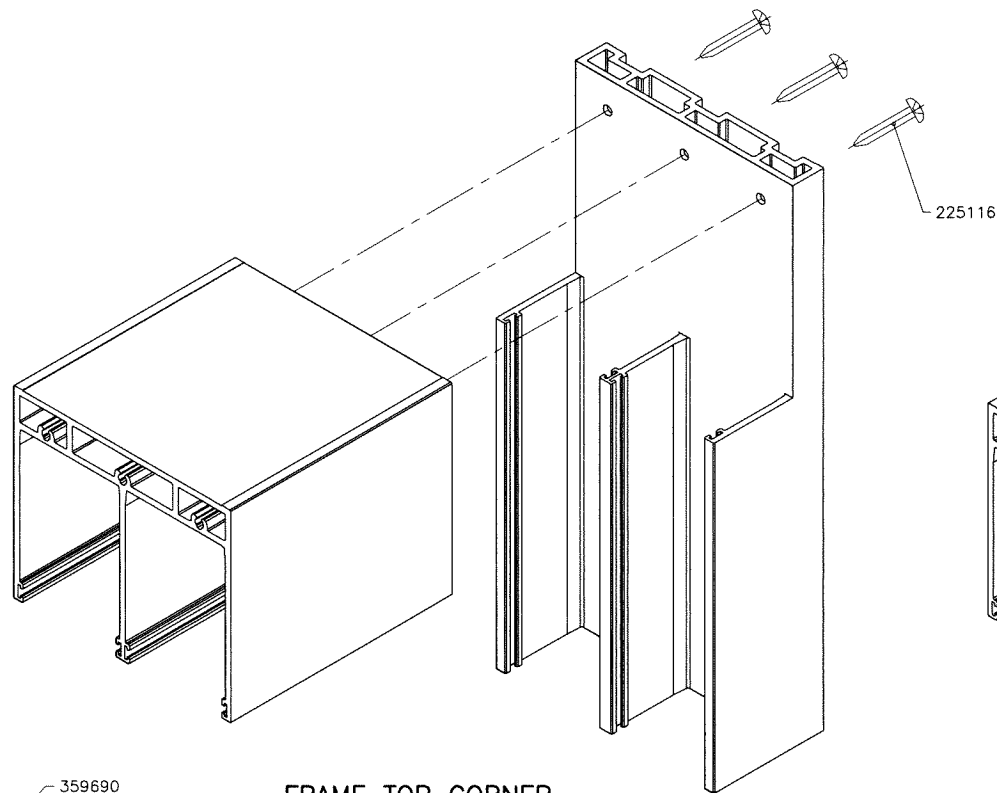
drawing no.

25-20F

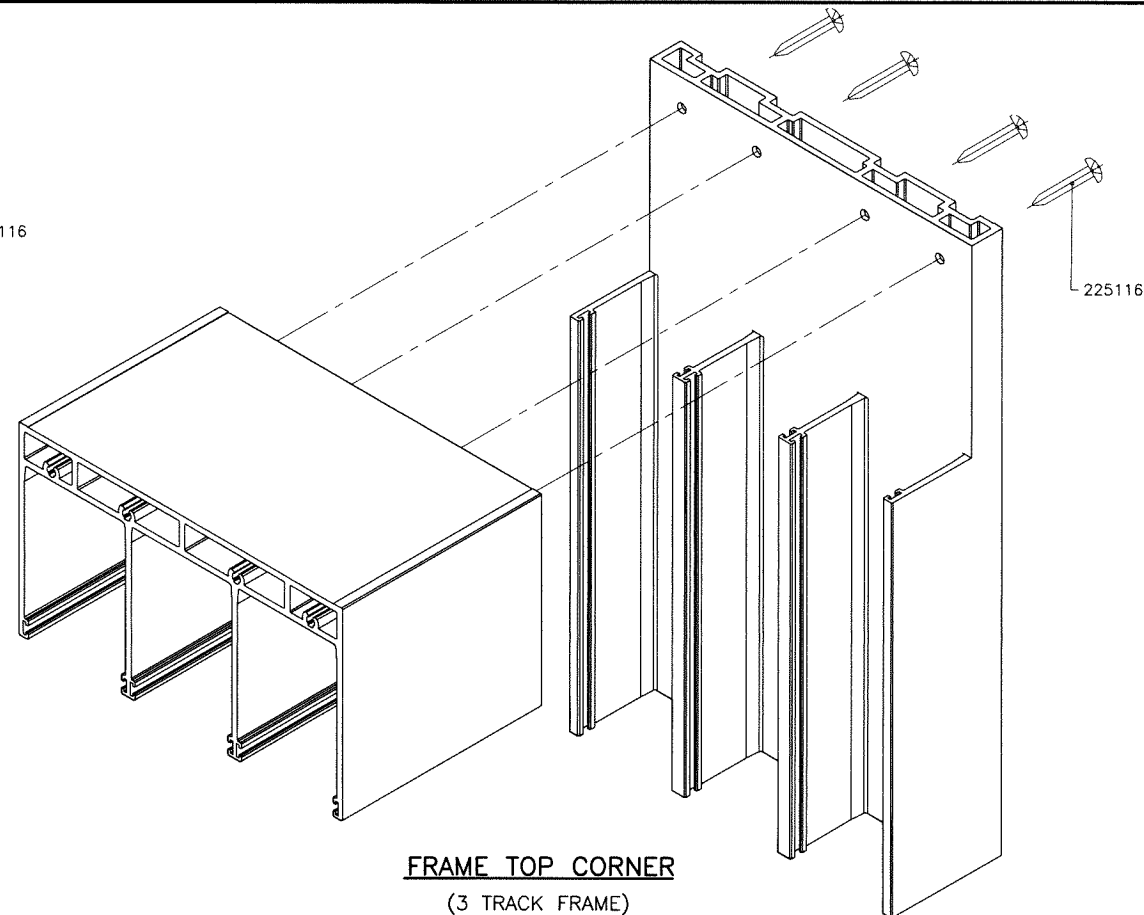
sheet 16 of 17



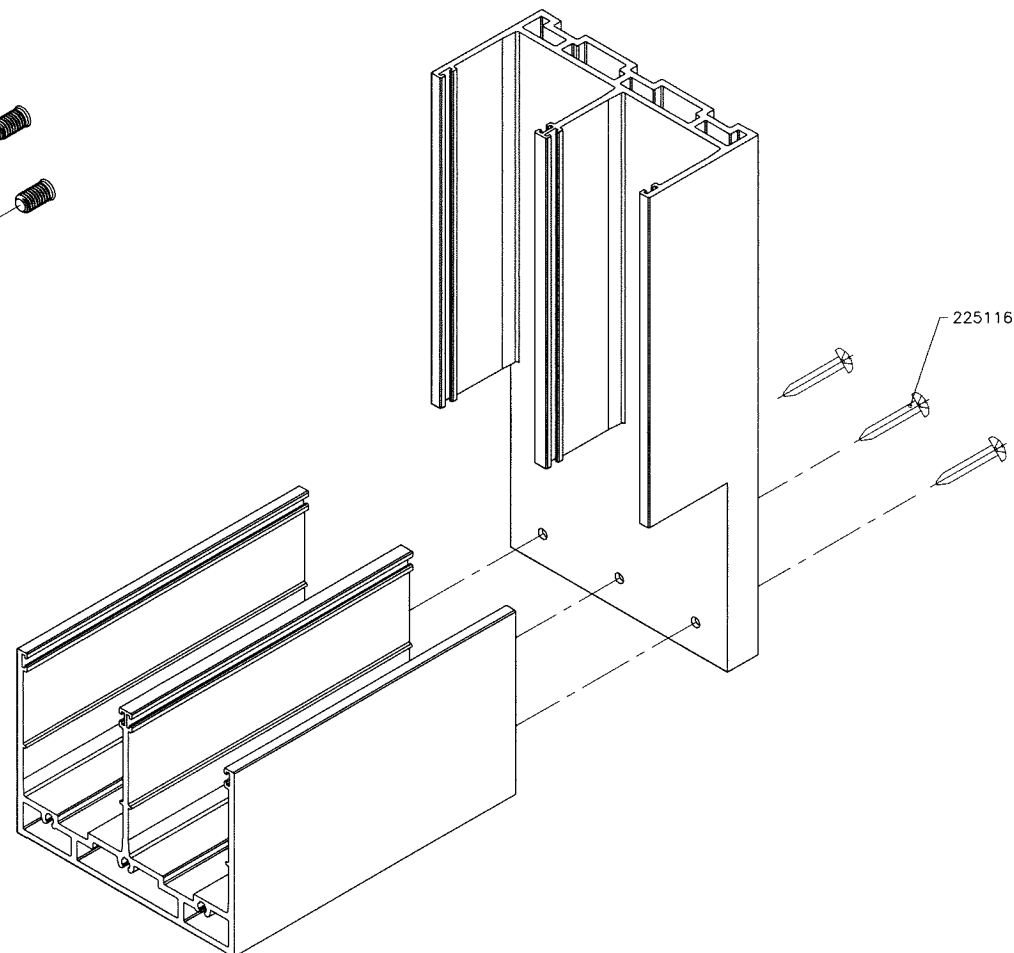
PANEL TOP/BOTTOM CORNER



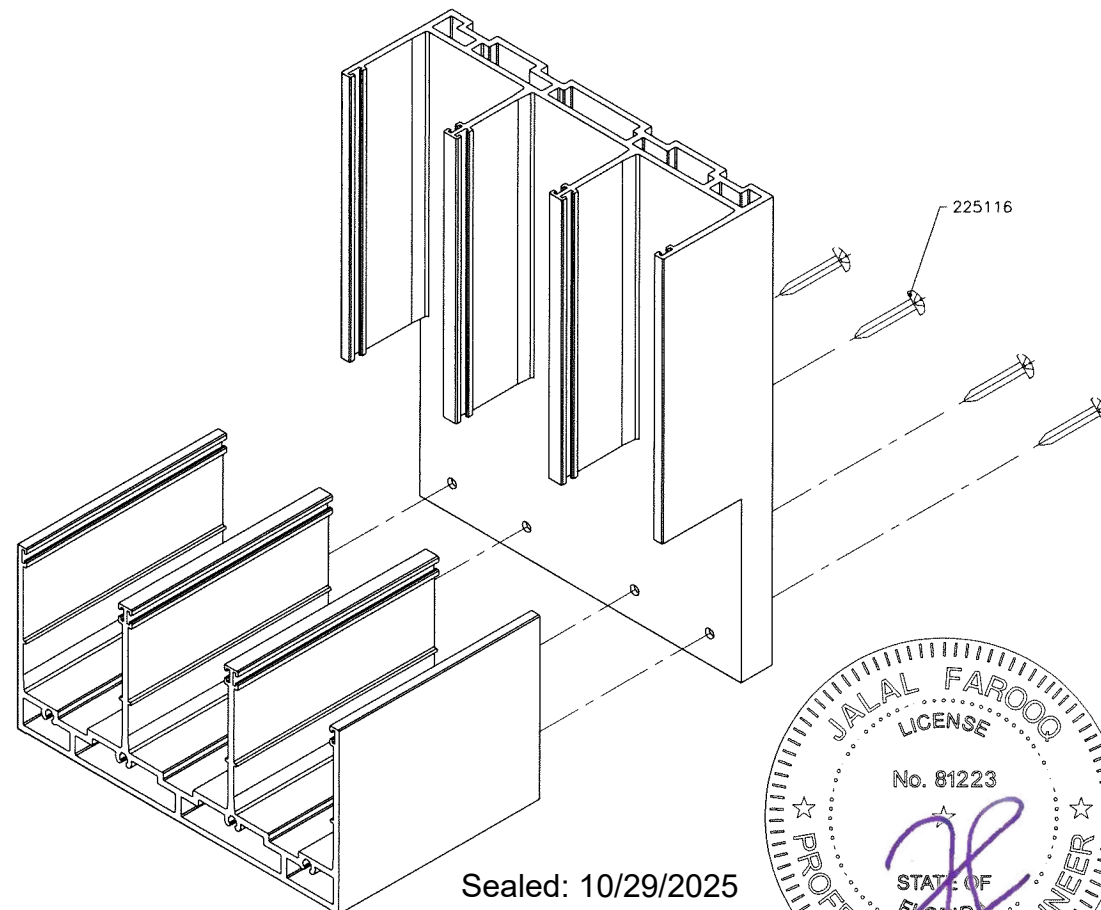
FRAME TOP CORNER
(2 TRACK FRAME)



FRAME TOP CORNER
(3 TRACK FRAME)



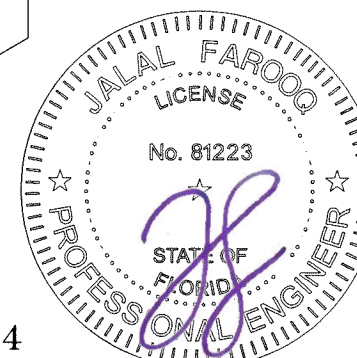
FRAME BOTTOM CORNER
(2 TRACK FRAME)



FRAME BOTTOM CORNER
(3 TRACK FRAME)

Sealed: 10/29/2025

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afc

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drawing no.
25-20F
sheet 17 of 17