

\*\*\* PRODUCTS DEPICTED ARE THE PROPERTY OF SCHUCO USA L.L.P  
 USE OF THIS PRODUCT REQUIRES WRITTEN AUTHORIZATION BY SCHUCO USA L.L.P.  
 TO THE BUILDING DEPARTMENT WHEN APPLYING FOR A PERMIT. \*\*\*

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 2018 INTERNATIONAL RESIDENTIAL CODE (IRC) AND  
 2018 INTERNATIONAL BUILDING CODE (IBC).

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.

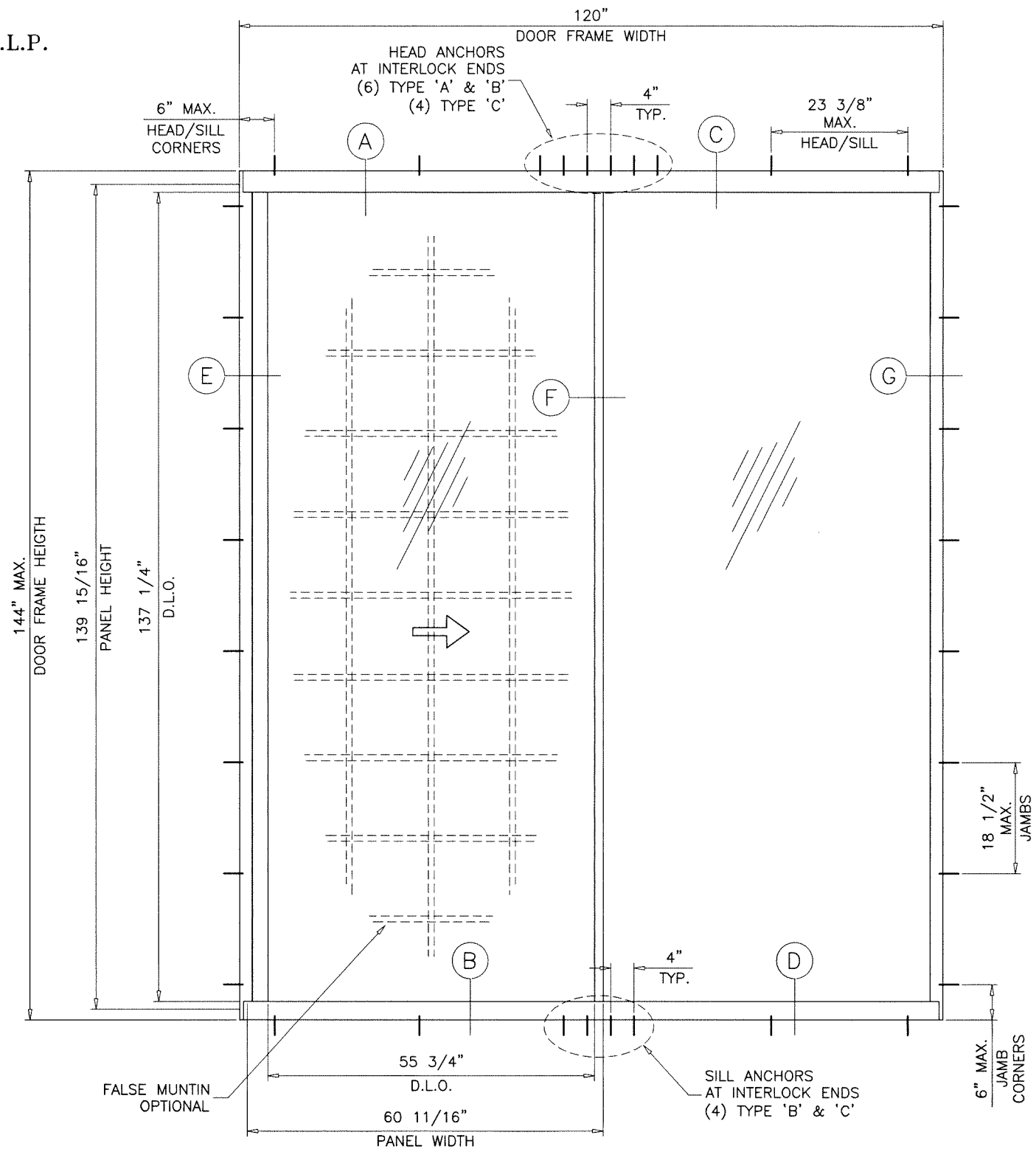
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
 COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
 REQUIREMENTS OF THE 2018 IRC/IBC.

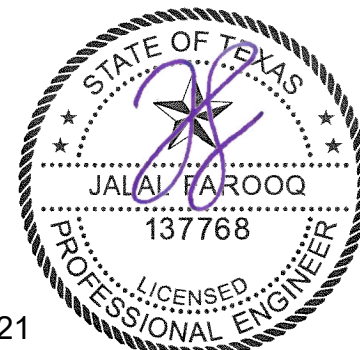
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION  
 FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY  
 OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR  
 WATER INFILTRATION RESISTANCE ETC.  
 CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED 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 SECTIONS R613.4 AND R613.7.1 OF THE IRC AND  
 SECTION 1714.5.1 OF THE IBC.

TESTING IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE.  
 LARGE MISSILE IMPACT TEST, TAS 201-94.  
 CYCLIC WIND PRESSURE TEST, TAS 203-94.  
 STATIC AIR PRESSURE TEST, TAS 202-94.



**TYPICAL ELEVATION**  
 TESTED UNIT (2 TRACK)



4/13/2021

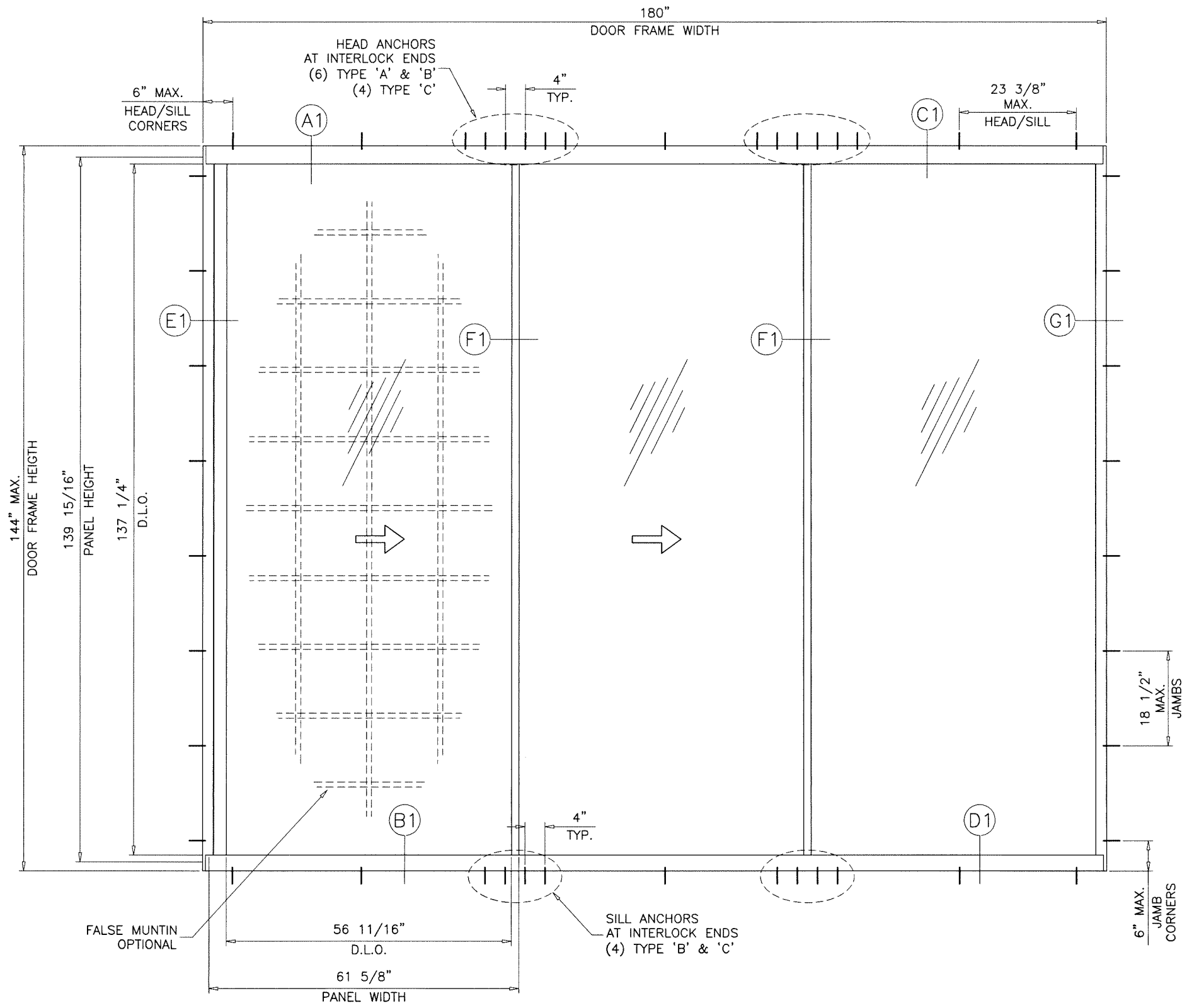
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	description

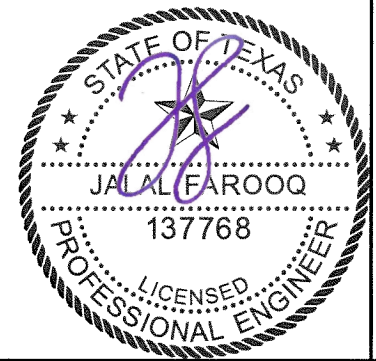
date: 03-24-21  
 scale: 1/2"=1'-0"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**21-28T**  
 sheet 1 of 17



**TYPICAL ELEVATION**  
TESTED UNIT (3 TRACK)

4/13/2021



**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

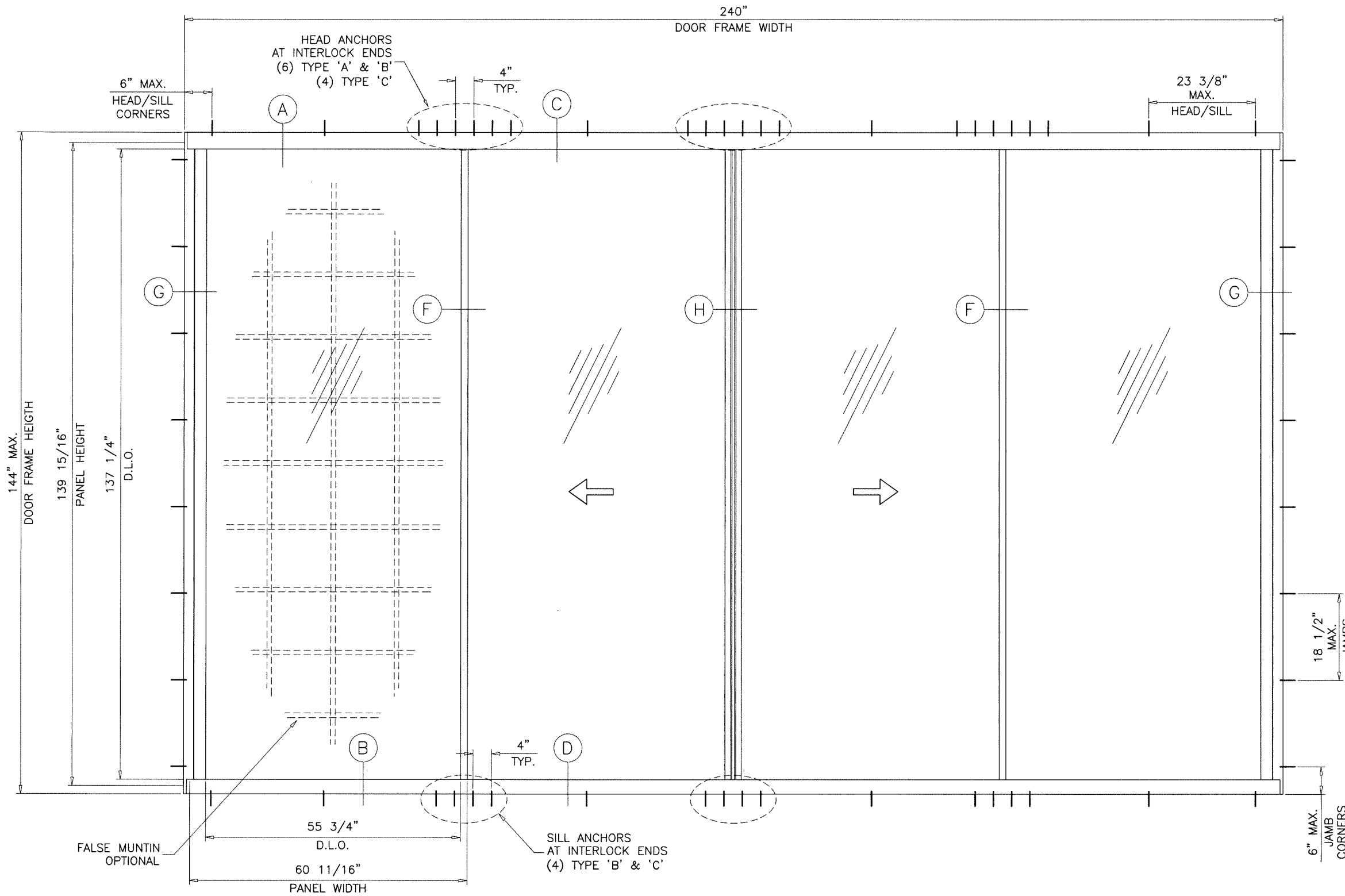
no	date	description

revisions:

date: 03-24-21  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

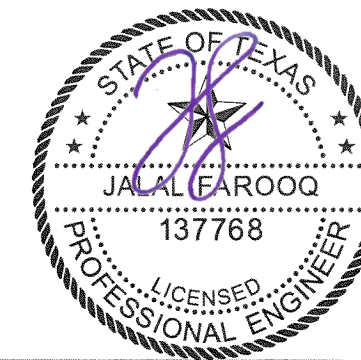
drawing no.  
**21-28T**

sheet 2 of 17



**TYPICAL ELEVATION**  
TESTED UNIT (2 TRACK)

4/13/2021



**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-28T-SUL

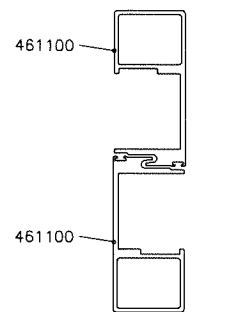
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT, 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:	
no	date by description

date: 03-24-21	scale: 1/2"=1'-0"	dr. by: TARIQ	chk. by:
drawing no.		21-28T	
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	96	63.0	70.0
42		63.0	70.0
48		63.0	70.0

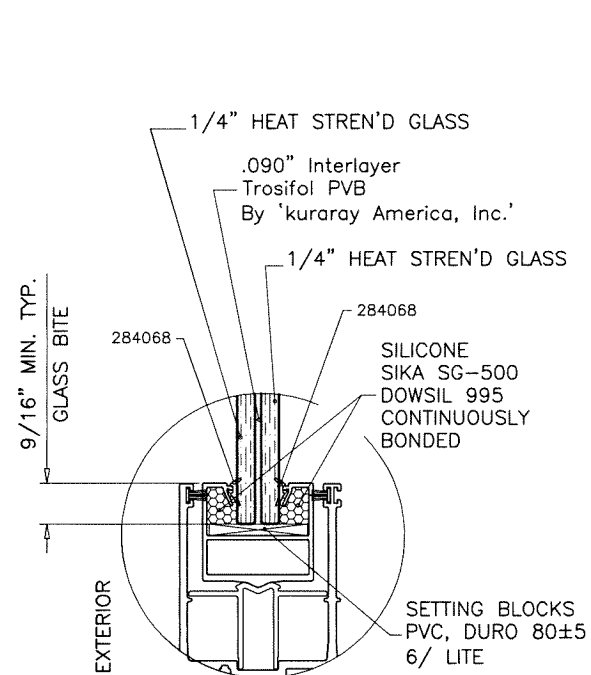


MINI INTERLOCKS

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

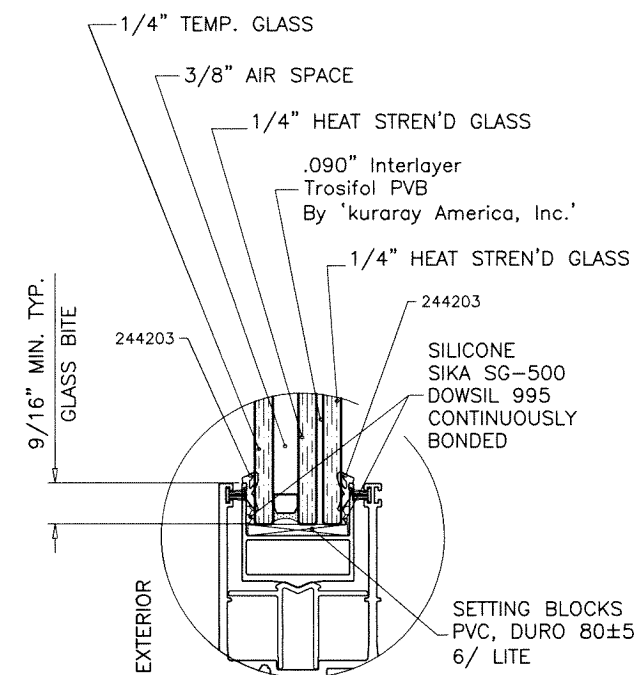
ALTERNATE SIZE UNITS:  
MAX. FRAME AREA OF S.G.D. SHALL NOT  
EXCEED FRAME AND PANEL AREA OF TESTED UNIT  
PER FBC REQUIREMENTS.

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



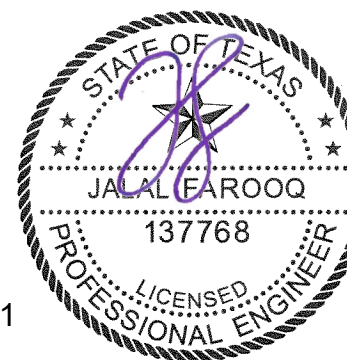
**GLASS TYPE 'A'**

9/16" OVERALL LAMINATED GLASS



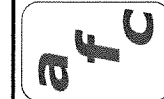
**GLASS TYPE 'Ai'**

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



NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

4/13/2021



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

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

**Schuco USA L.L.P.**

240 Pane Road  
Newington, CT. 06111

Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	by	description

date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

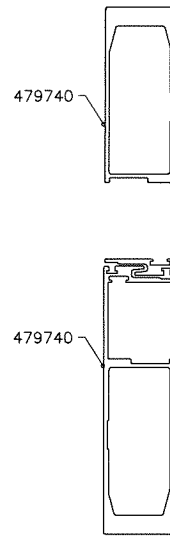
drawing no.

**21-28T**

sheet 4 of 17

COMP-ANL\21-28T-SUL

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
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
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
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
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	68.5	63.0	68.5
60		-	-	63.0	63.3
36	144	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	65.0	63.0	65.0
60		-	-	60.0	60.0

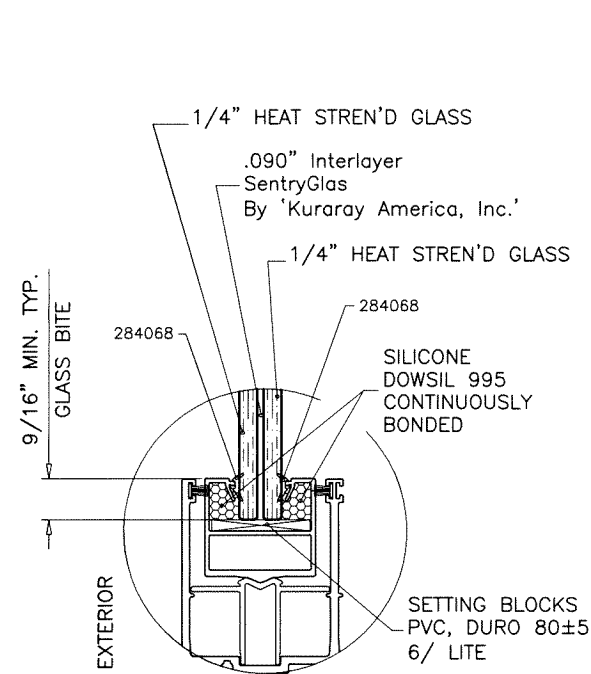


STANDARD INTERLOCKS

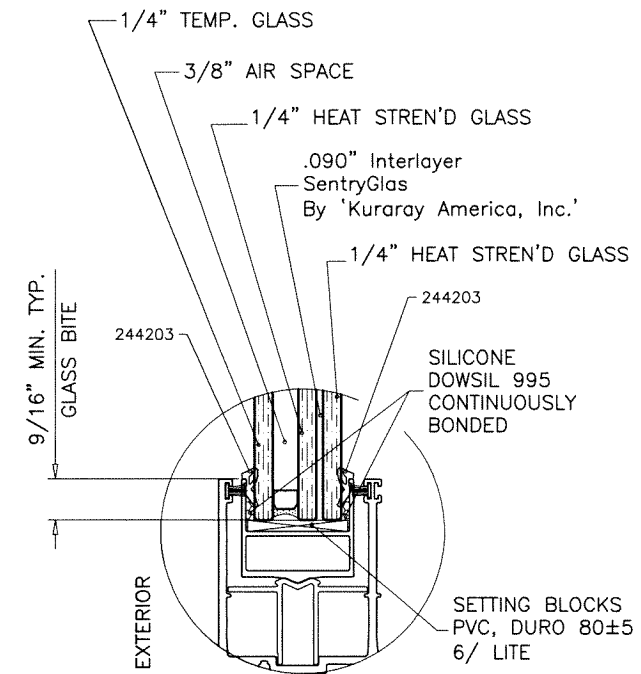
$$\text{AVERAGE PANEL WIDTH} = \frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$$

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

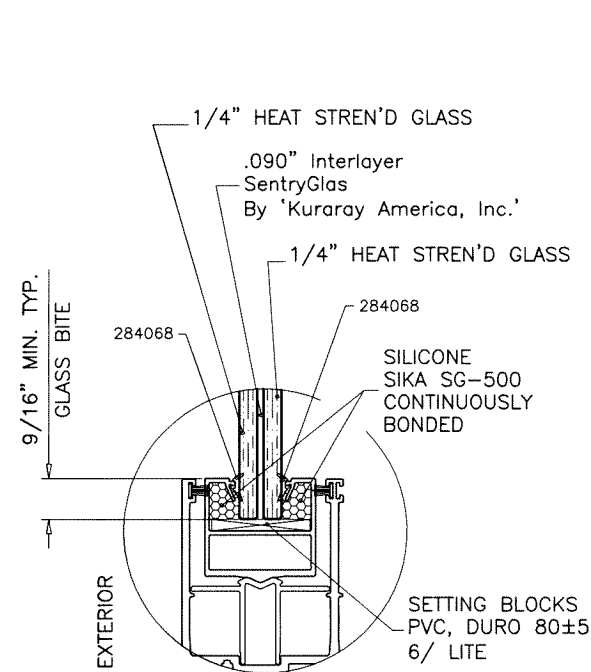
DOOR HEIGHT AND WIDTH SIZE MUST COMPLY  
EGRESS REQUIREMENTS PER FBC AS REQUIRED.



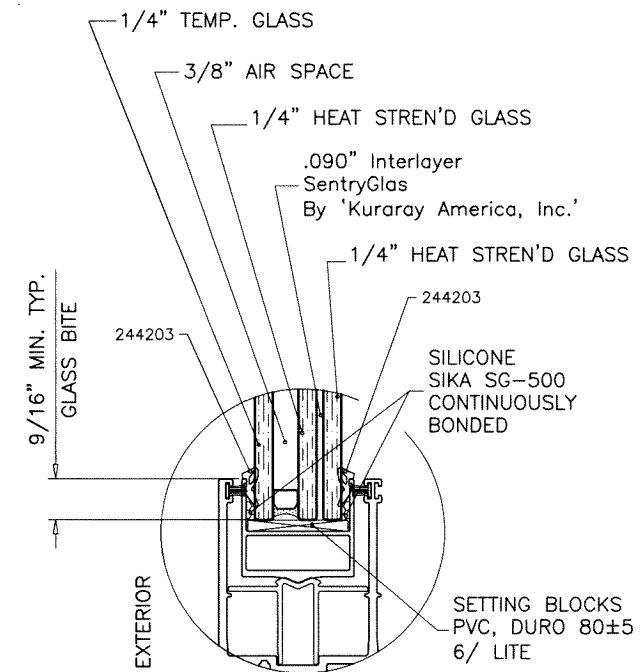
**GLASS TYPE 'B'**  
9/16" OVERALL LAMINATED GLASS



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



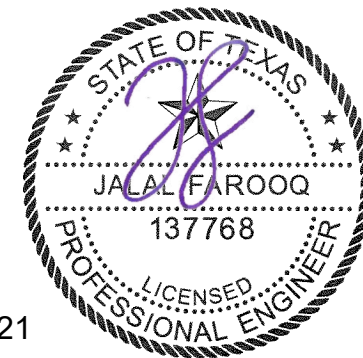
**GLASS TYPE 'C'**  
9/16" OVERALL LAMINATED GLASS



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

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

4/13/2021

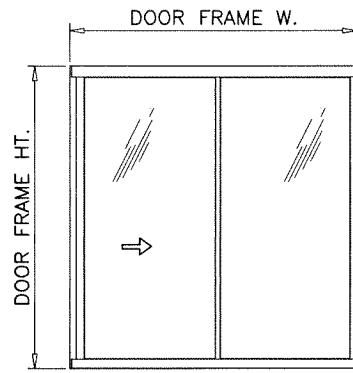


**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
C.A.N. 3538

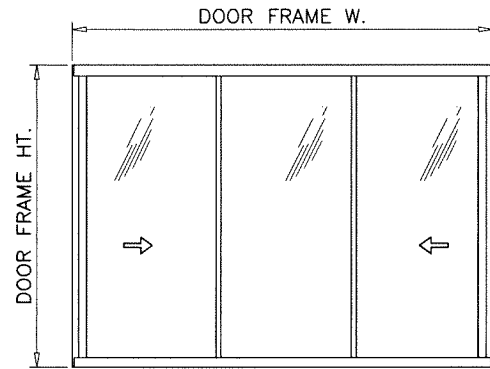
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:	no	date	by	description
date:	03-24-21	scale:	3/8" = 1"	
dr. by:	TARIQ	chk. by:		
drawing no.	21-28T			
sheet	4.1 of 17			

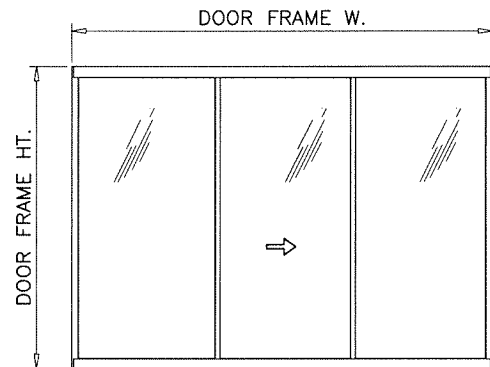
COMP-ANL\21-28T-SUL



XO (SHOWN)  
OX  
XX



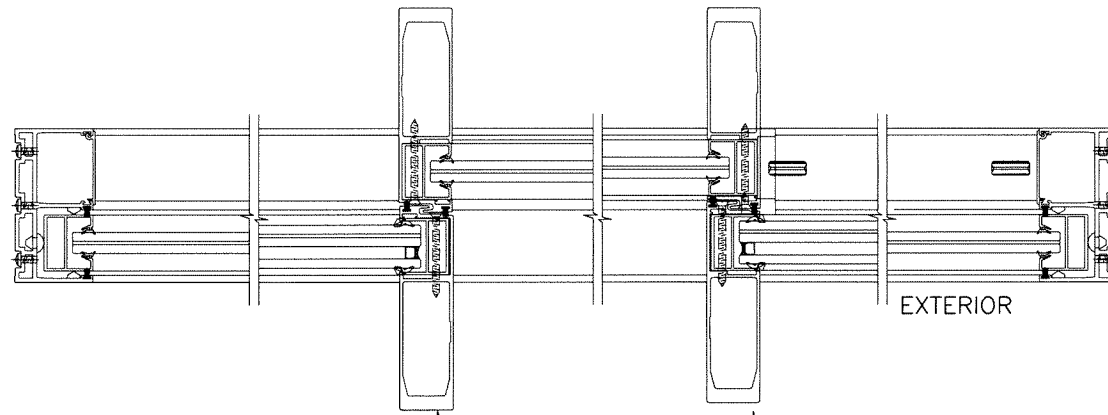
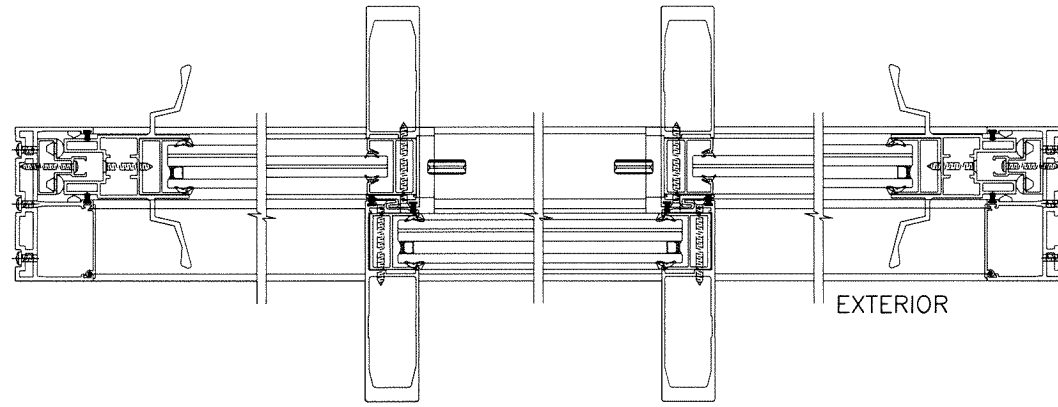
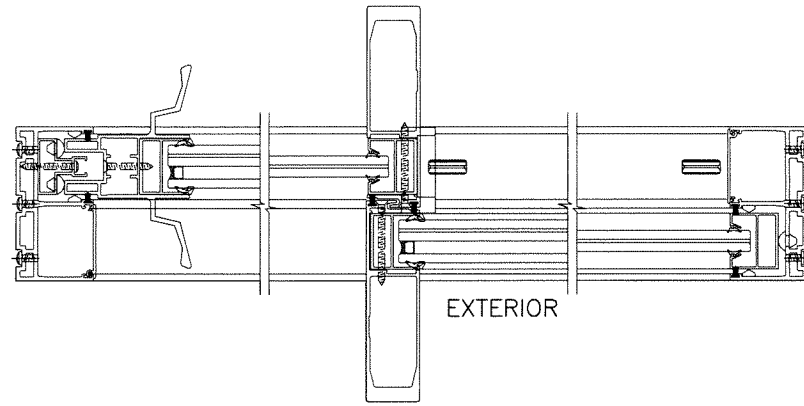
XOX (SHOWN)



O-XO (SHOWN)

**APPROVED CONFIGURATIONS**  
**TWO (2) TRACKS**

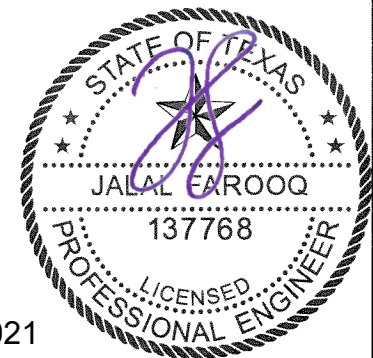
DOOR CONFIGURATIONS SHOWN FOR STANDARD INTERLOCKS  
APPLICABLE TO MINI INTERLOCKS ALSO.



ALT. INTERLOCKS  
479800

STD. INTERLOCKS  
479740

MINI INTERLOCK NOT APPLICABLE FOR O-XO CONFIGURATION



4/13/2021

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173 FAX. (305) 262-6978  
TEL. (305) 264-8100 COMP-ANL\21-28T-SUL

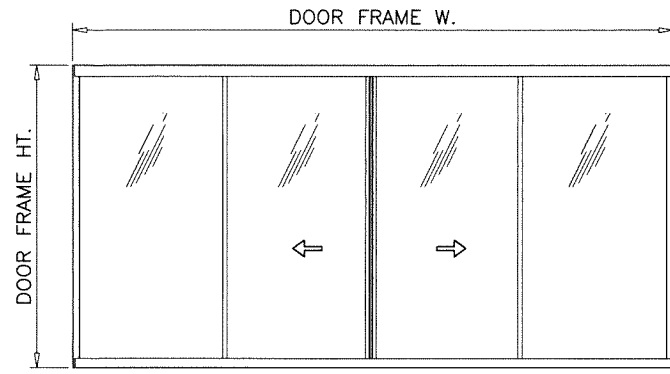
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)

**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

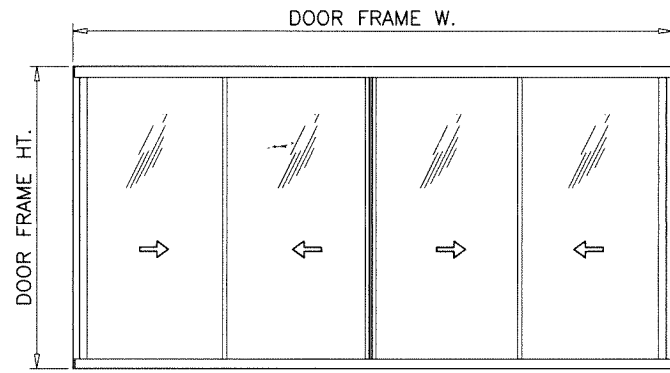
revisions:	no	date	by	description

date: 03-24-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-28T**  
sheet 5 of 17



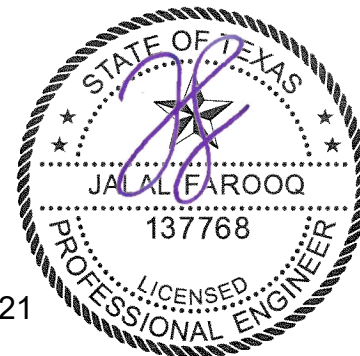
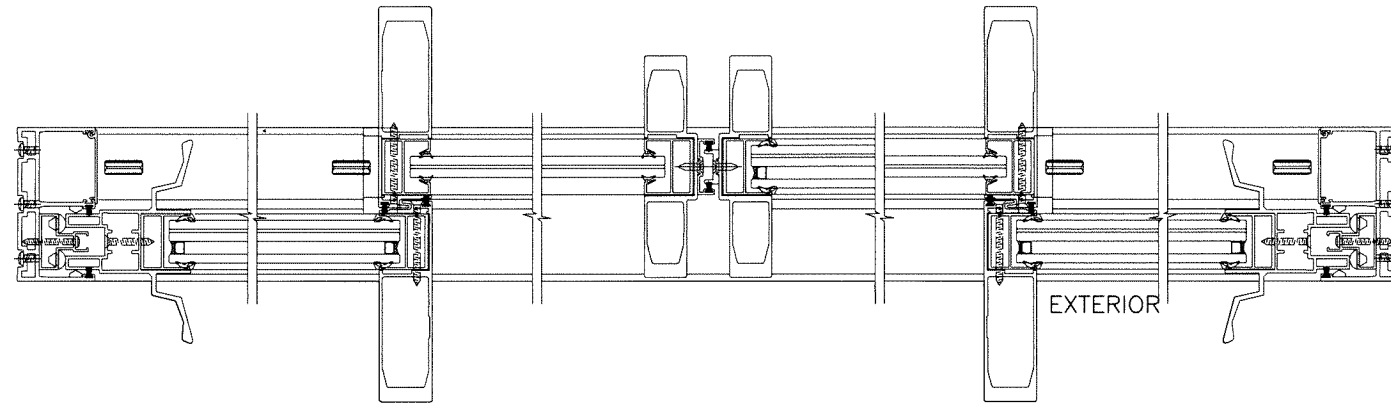
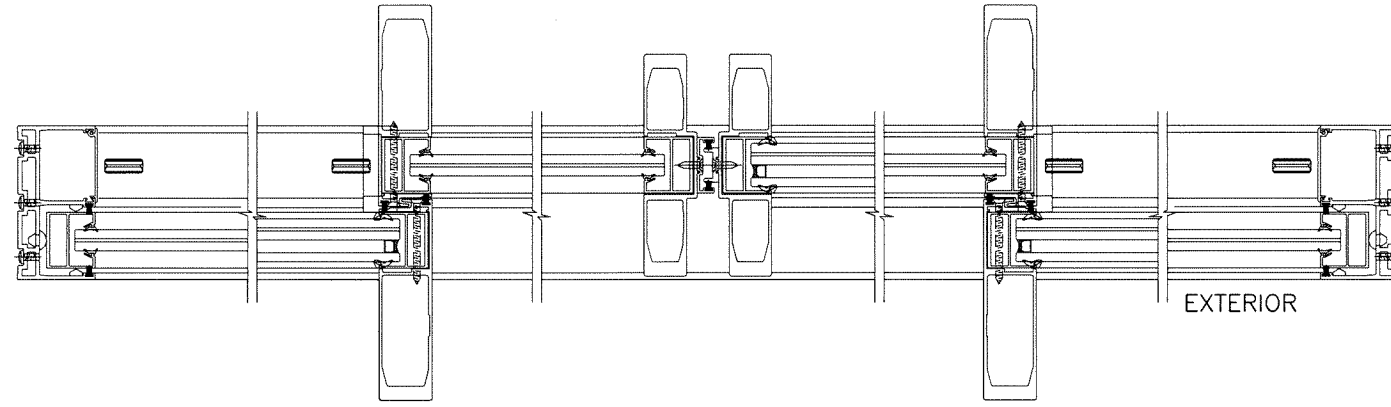
OX-XO (SHOWN)



XX-XX (SHOWN)

**APPROVED CONFIGURATIONS**  
**TWO (2) TRACKS**

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



4/13/2021

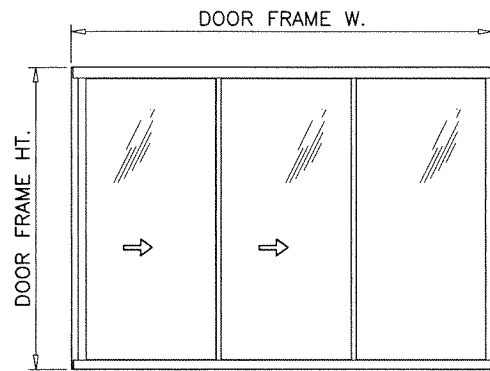
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

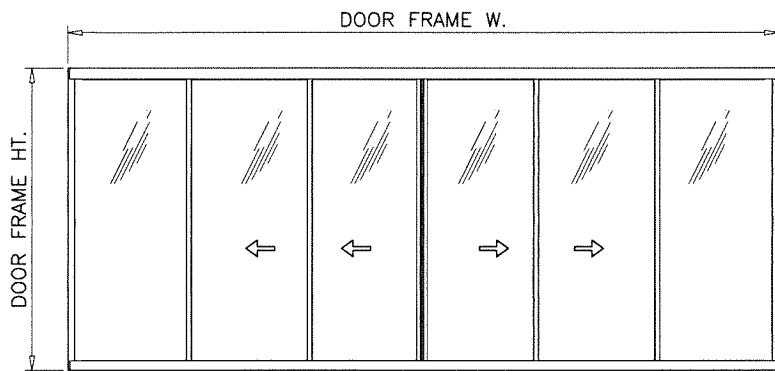
revisions:	
no	date by description

date: 03-24-21  
scale: -  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-28T**  
sheet 6 of 17



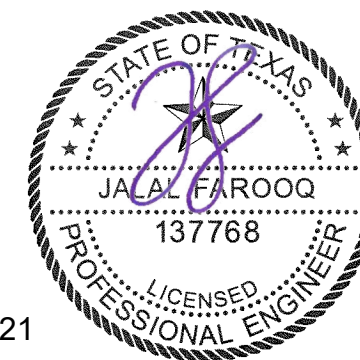
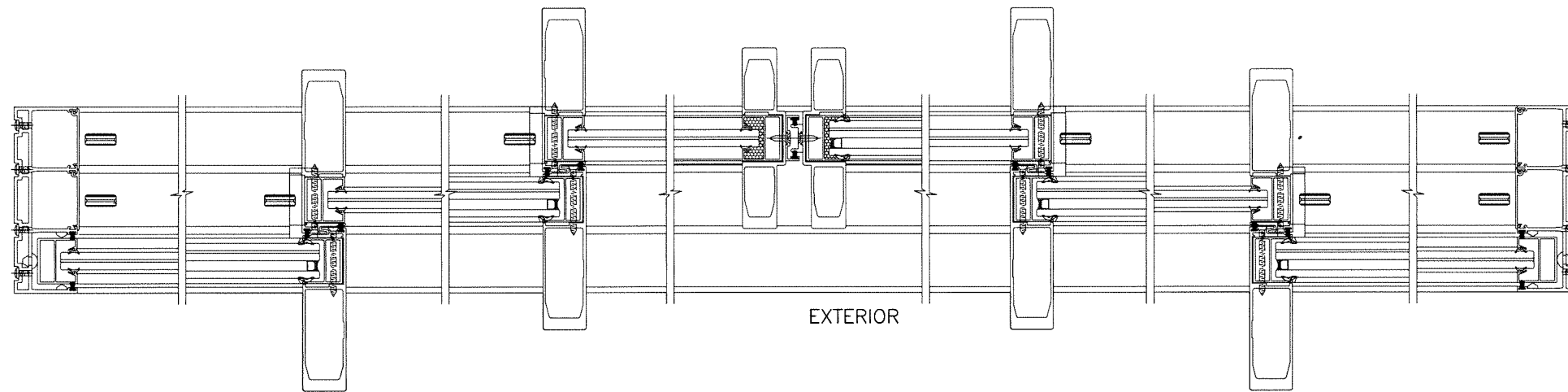
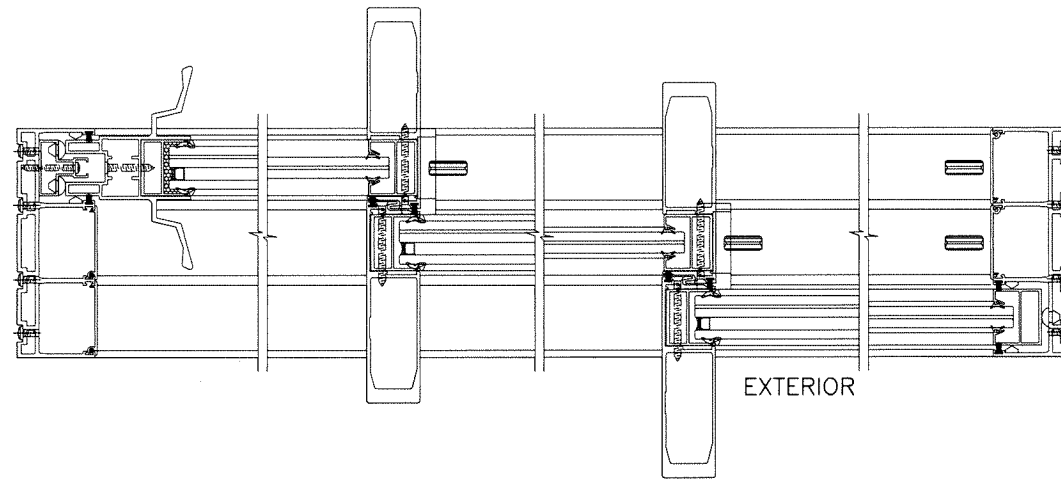
XXO (SHOWN)  
 OXX  
 XXX



OXX-XXO (SHOWN)

**APPROVED CONFIGURATIONS**  
**THREE (3) TRACKS**

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



4/13/2021

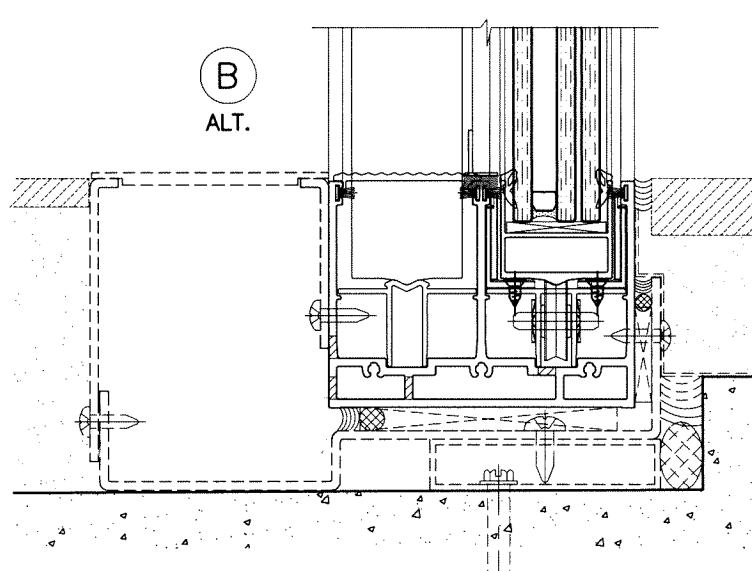
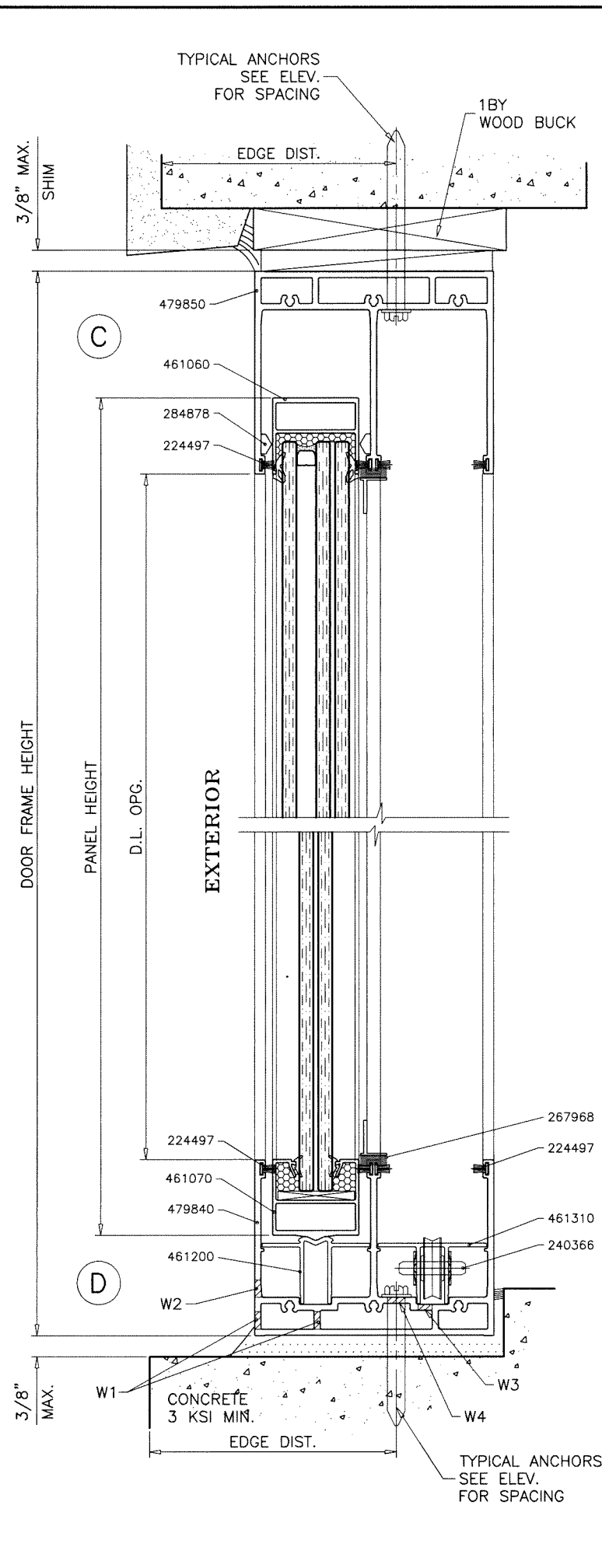
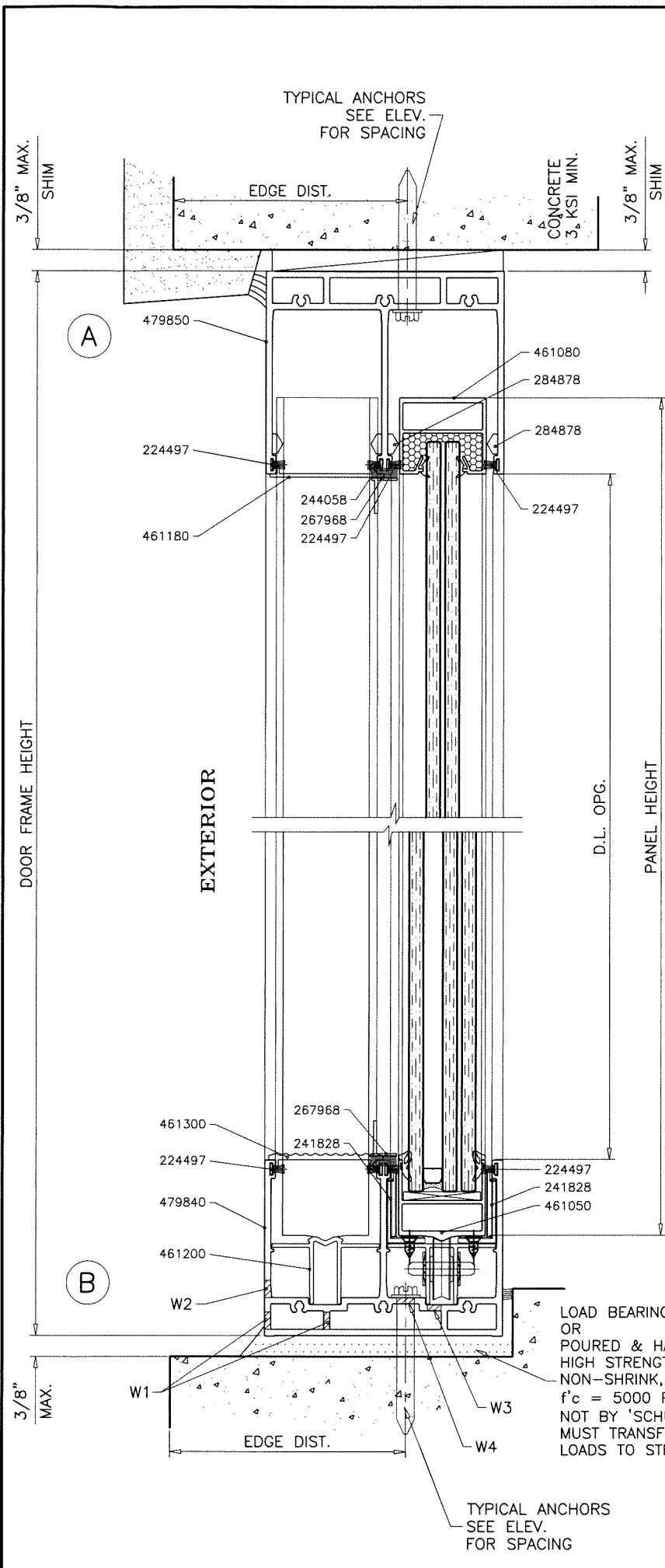
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:	
no	date by description

date: 03-24-21	scale: -	dr. by: TARIQ	chk. by:
drawing no.		21-28T	
sheet 7 of 17			



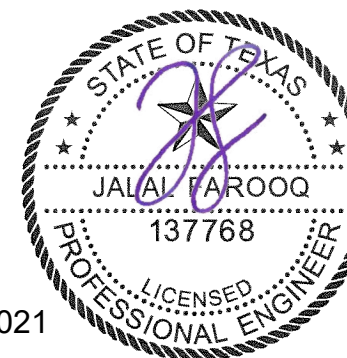


**WEEPHOLES:**

- W1 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 4" FROM EACH END AND 8" TO THE LEFT AND RIGHT OF CENTERLINE.
- W2 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 26" FROM EACH END AND 22" O.C.
- W3 = 1/4" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 8" FROM EACH END AND 34-5/16" O.C.
- W4 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 8" FROM EACH END AND 34-5/16" O.C.

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

**2 TRACK FRAMES**



4/13/2021

**a f c**

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

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

**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

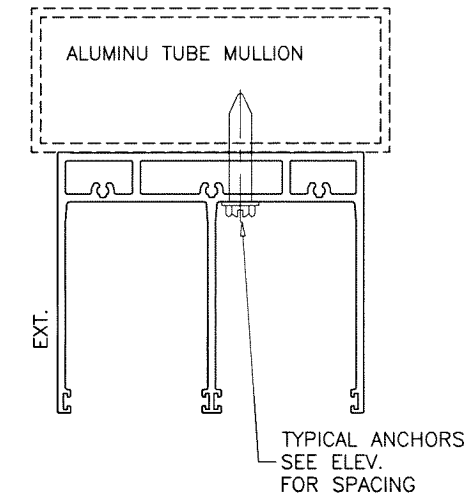
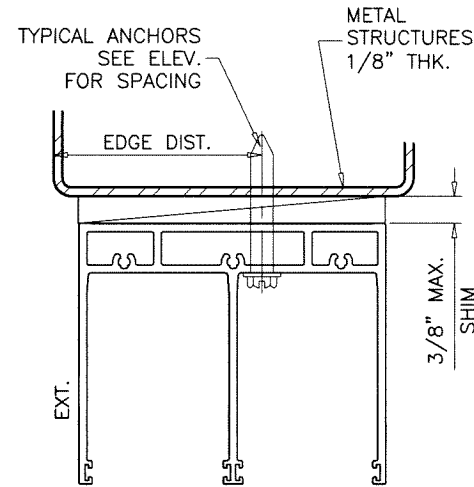
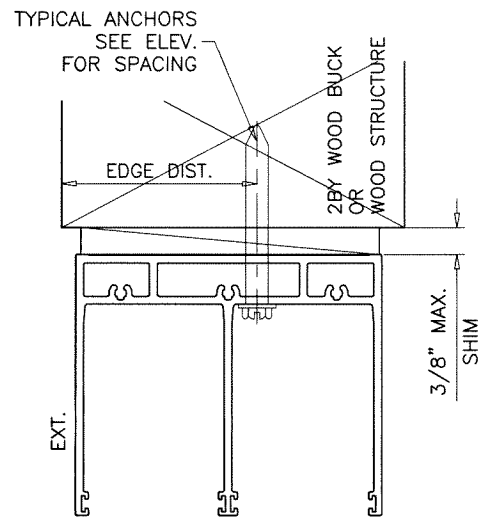
COMP-ANL\21-28T-SUL

revisions:	no	date	by	description

date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-28T**

sheet **8** of 17



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'SCHUCO' 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)

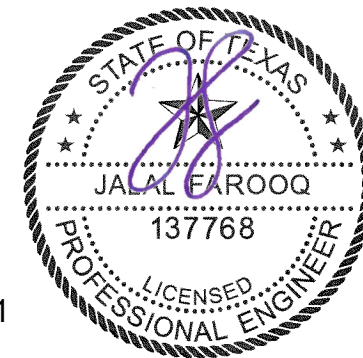
**TYPE 'C'— 5/16" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)  
 INTO METAL STRUCTURES (HEAD/JAMBS)  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**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**



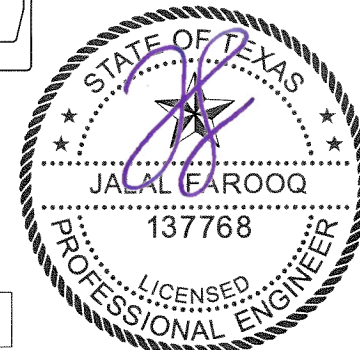
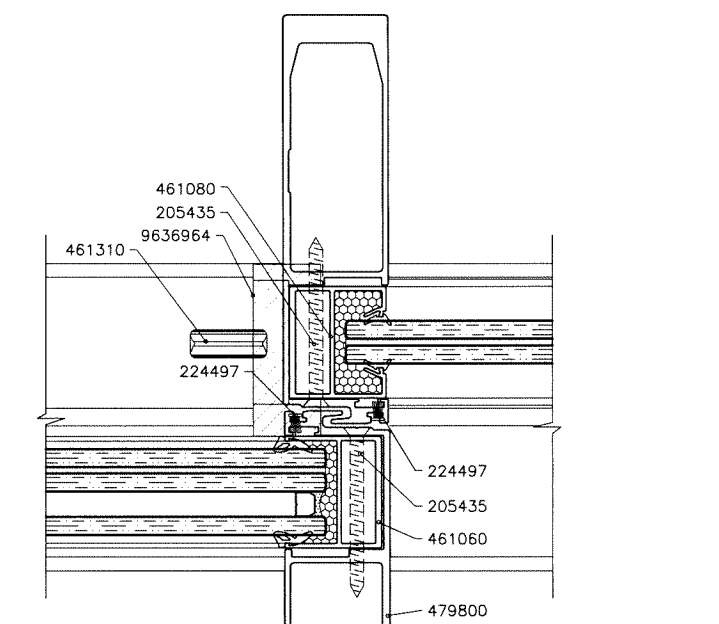
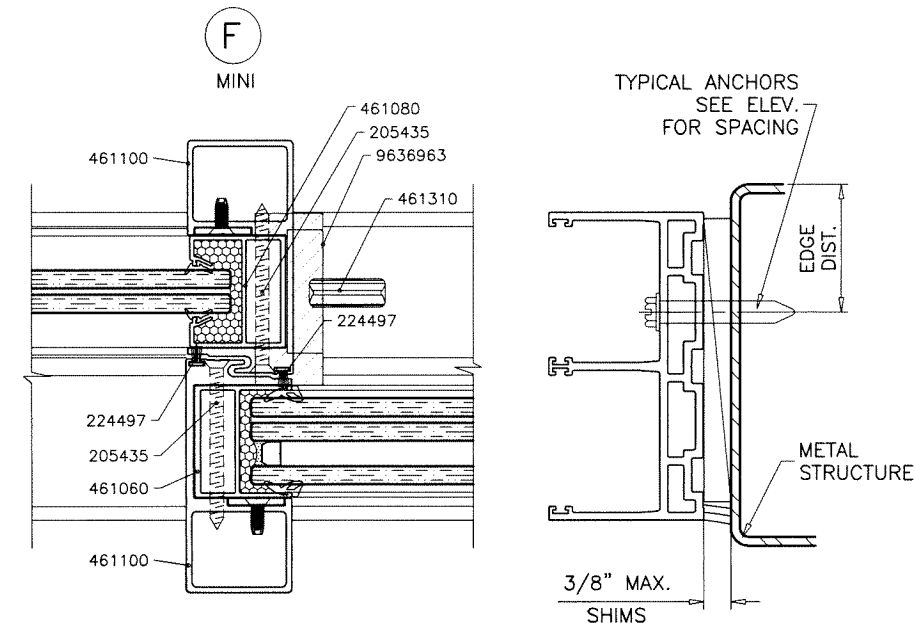
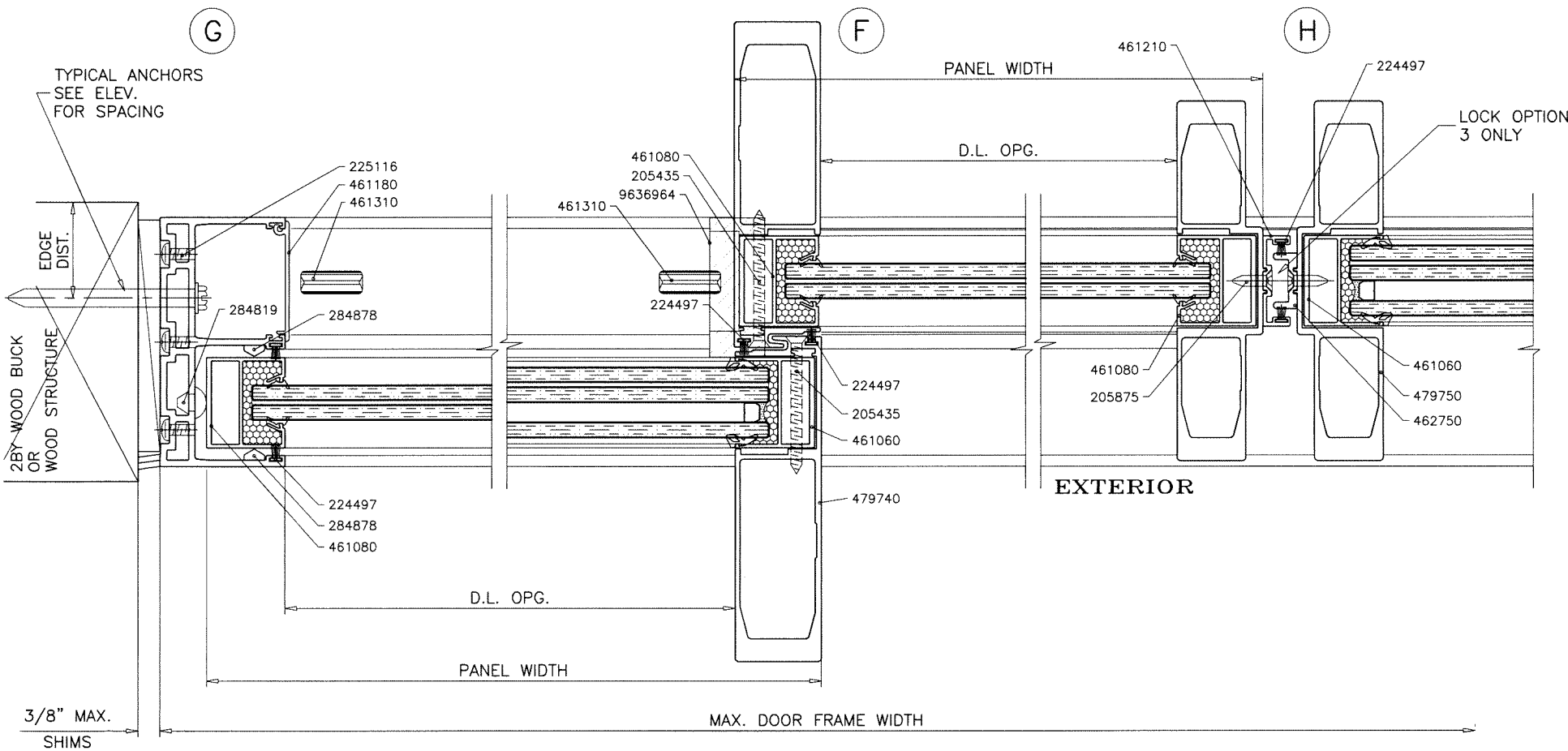
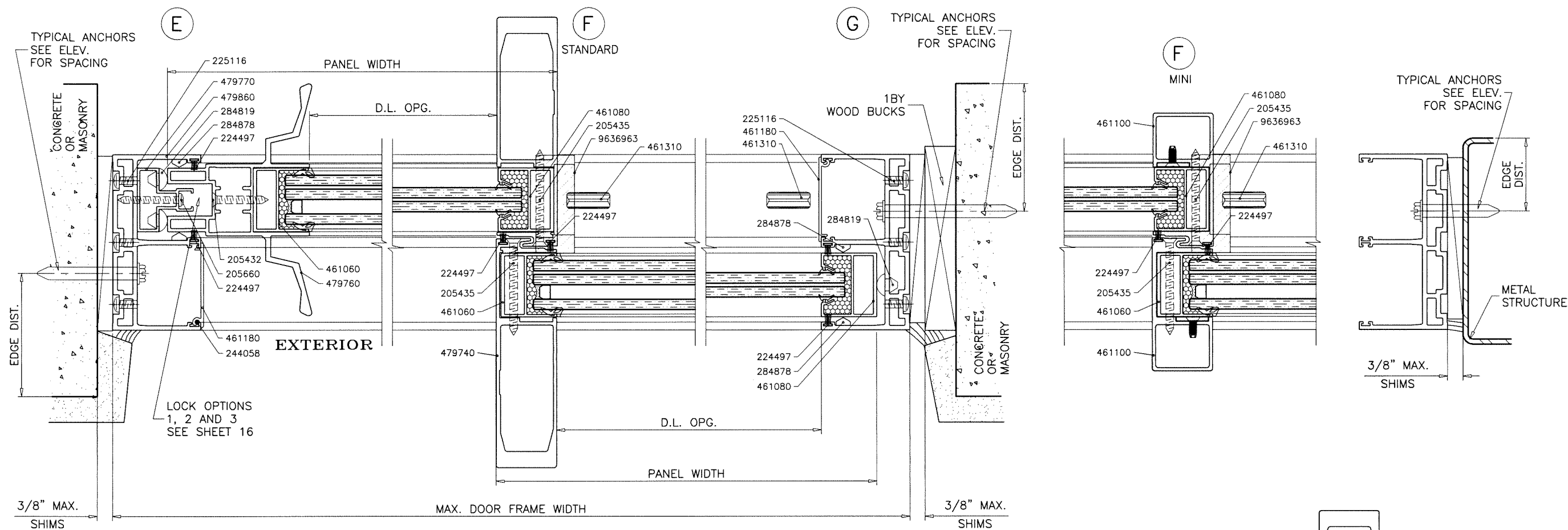
4/13/2021

**afc**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:	
no	date by description

date: 03-24-21  
 scale: 3/8" = 1"  
 dr. by: TARIQ  
 chk. by:   
 drawing no. **21-28T**  
 sheet 9 of 17



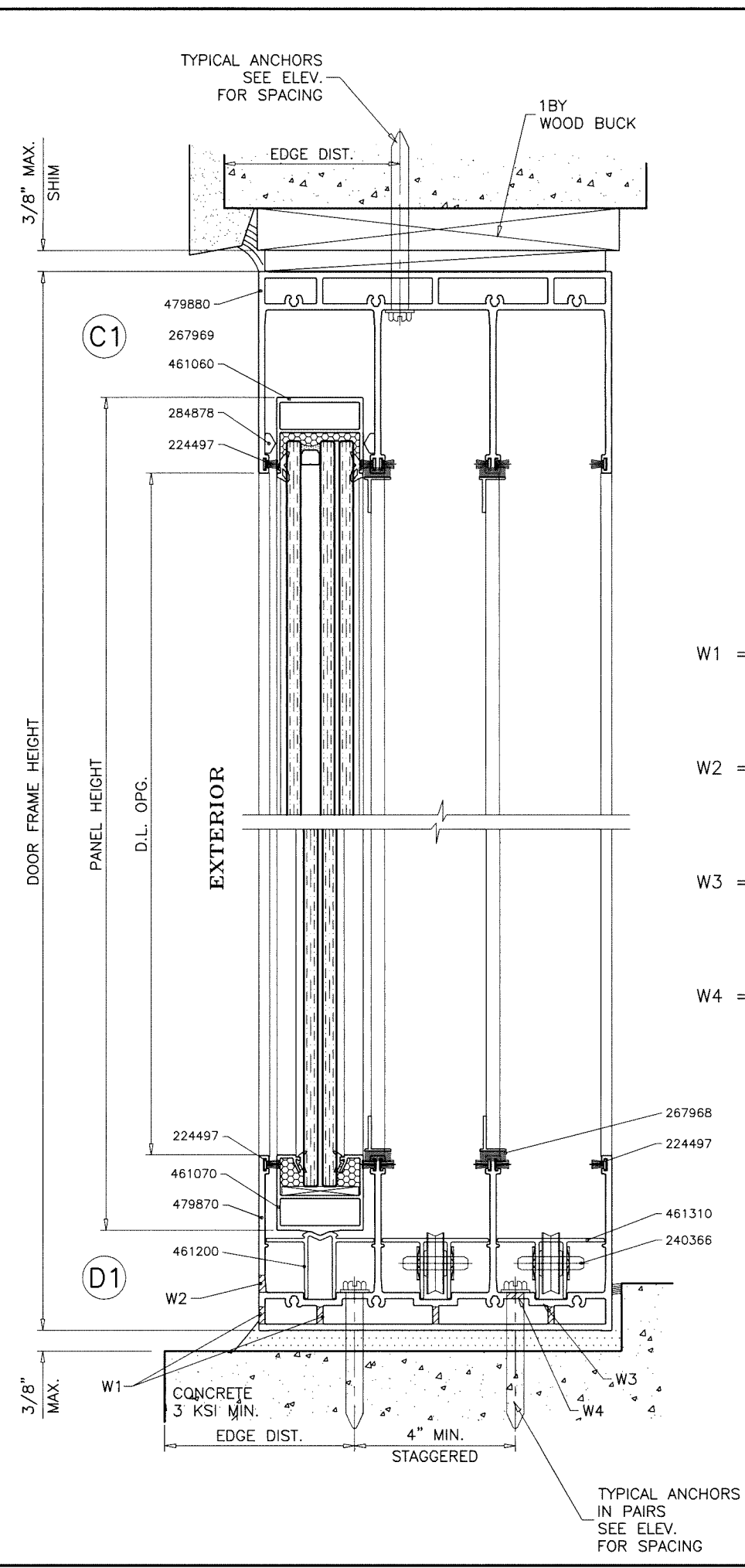
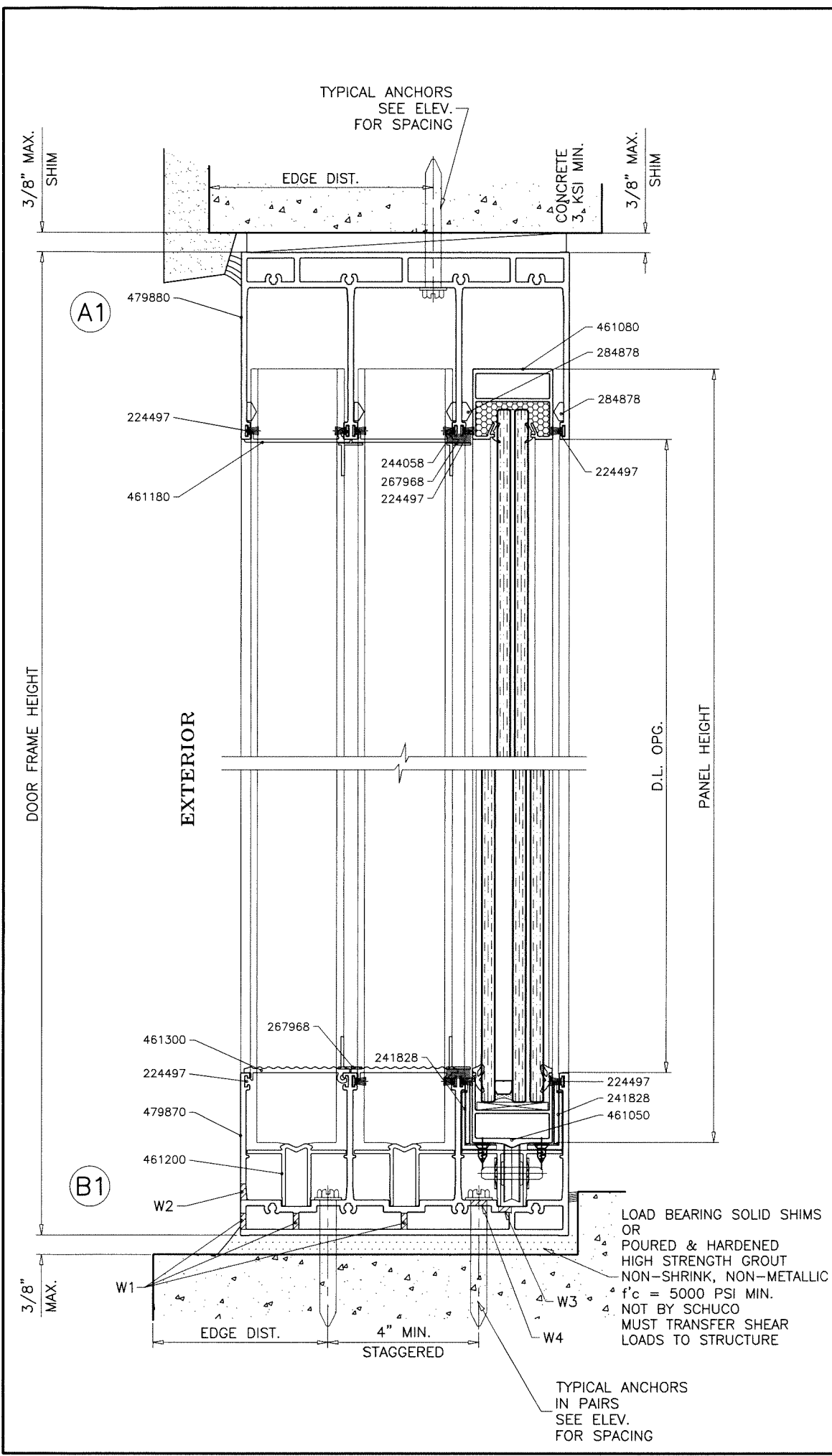
4/13/2021  
2 TRACK FRAMES

**a f c**  
**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  
COMP-ANL\21-28T-SUL

ASS 39 PD, NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	description

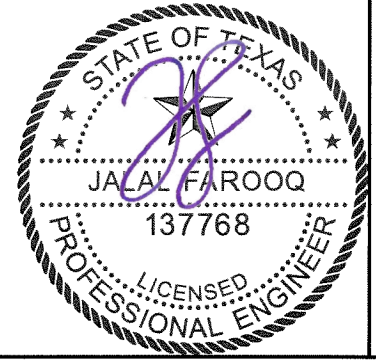
date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:   
drawing no. **21-28T**  
sheet 10 of 17



**WEEPHOLES:**

- W1 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 4" FROM EACH END AND 8" TO THE LEFT AND RIGHT OF CENTERLINE.
- W2 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 26" FROM EACH END AND 22" O.C.
- W3 = 1/4" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 8" FROM EACH END AND 34-5/16" O.C.
- W4 = 5/16" DIA. WEEP HOLES IN CLUSTERS OF 3 SPACED TOGETHER 1/2" APART. CLUSTERS LOCATED AT 8" FROM EACH END AND 34-5/16" O.C.

**3 TRACK FRAMES**



4/13/2021

**af c**

**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

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

**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

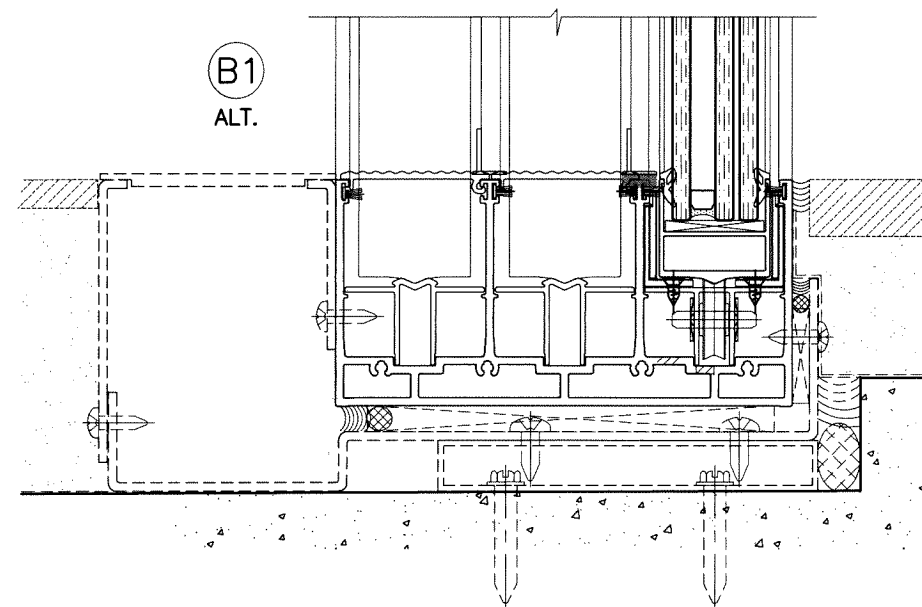
COMP-ANL\21-28T-SUL

no.	date	description

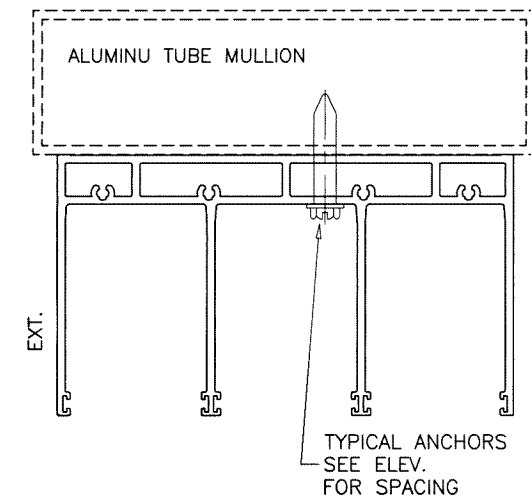
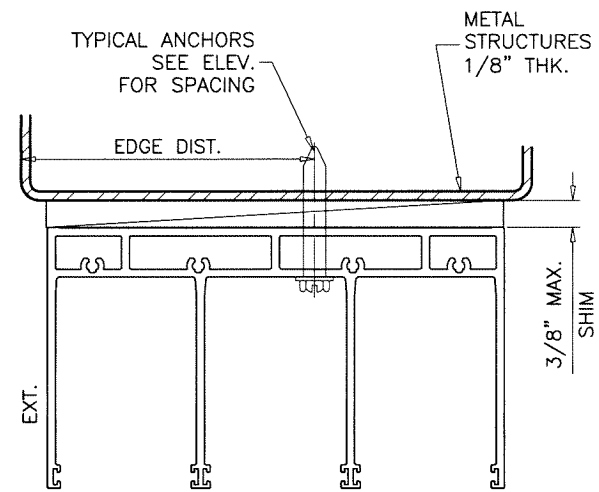
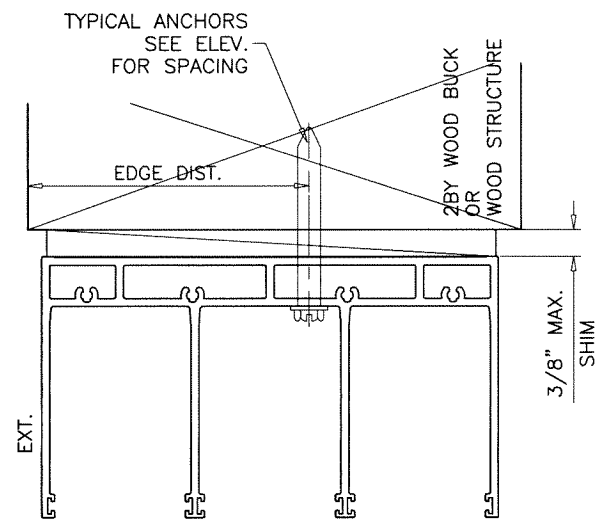
date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:  

drawing no.  
**21-28T**

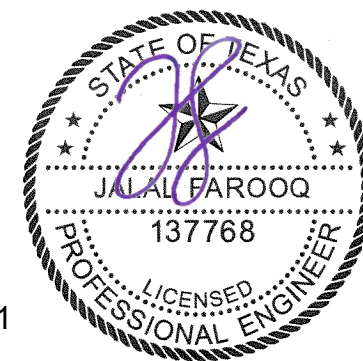
sheet 11 of 17



NOT PART OF THIS APPROVAL  
DRAINAGE TO BE DESIGNED SEPARATELY  
FOR WATER INFILTRATION RESISTANCE



3 TRACK FRAMES



4/13/2021

**af c**

**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.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

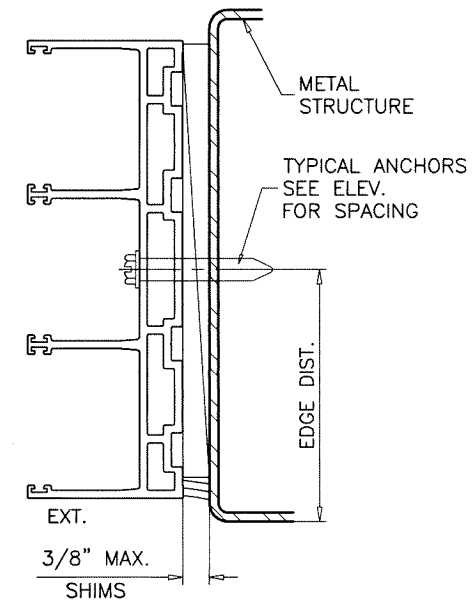
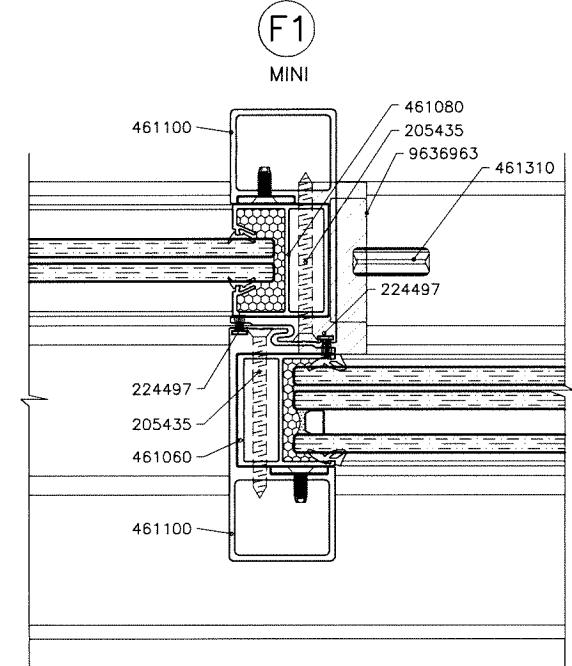
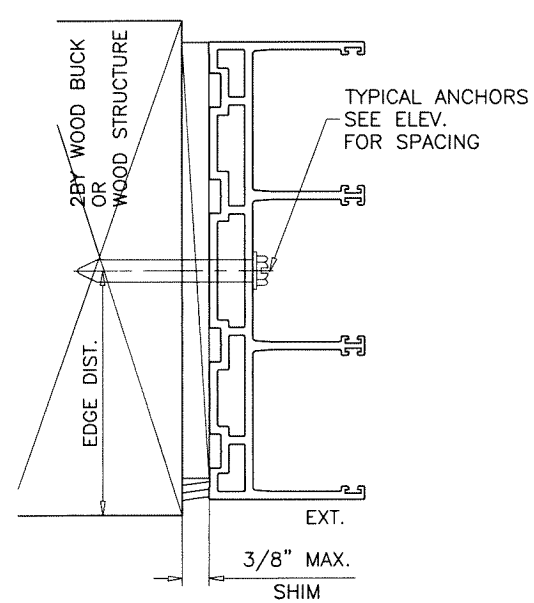
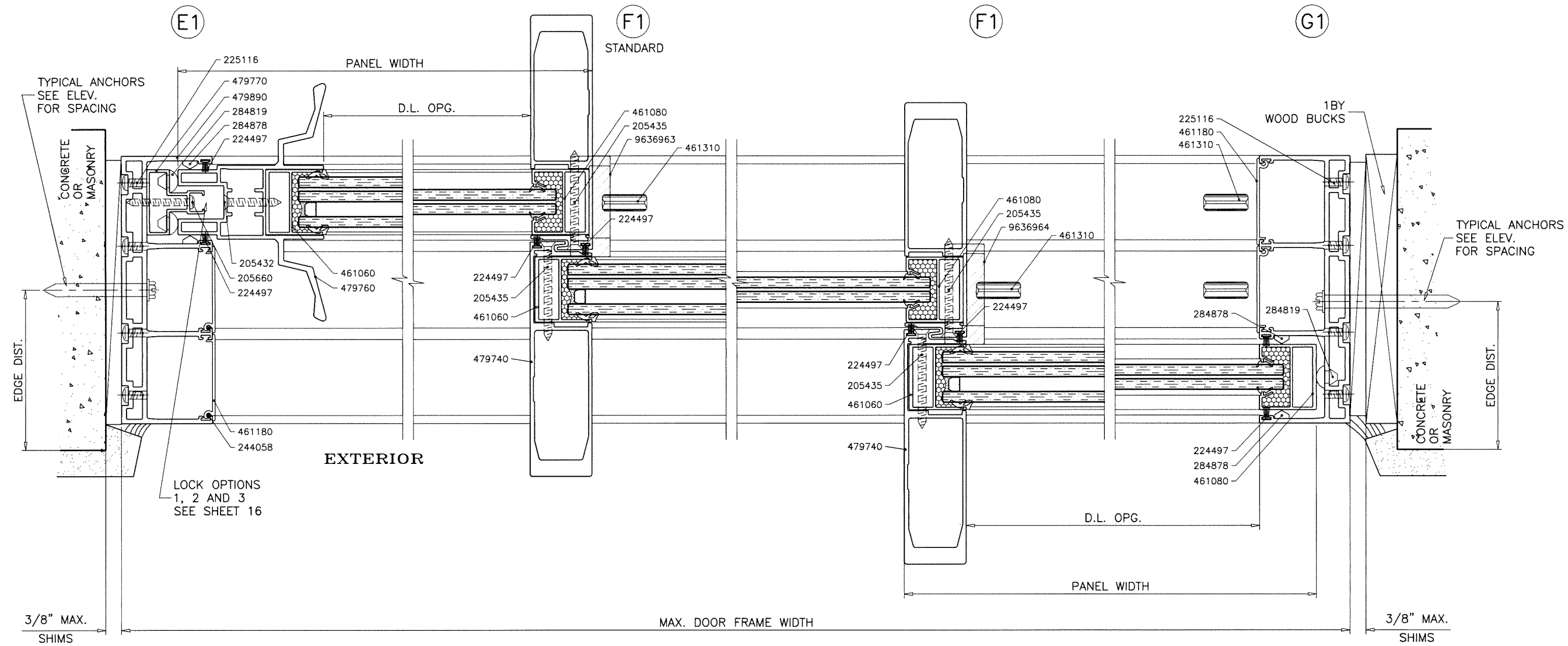
COMP-ANL\21-28T-SUL

revisions:	no	date	by	description

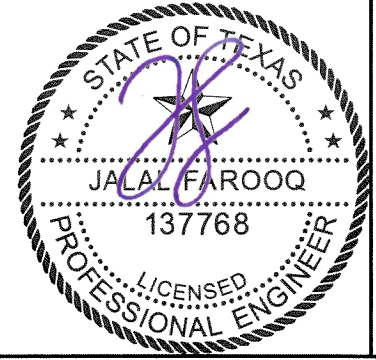
date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**21-28T**

sheet 12 of 17



3 TRACK FRAMES



4/13/2021

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

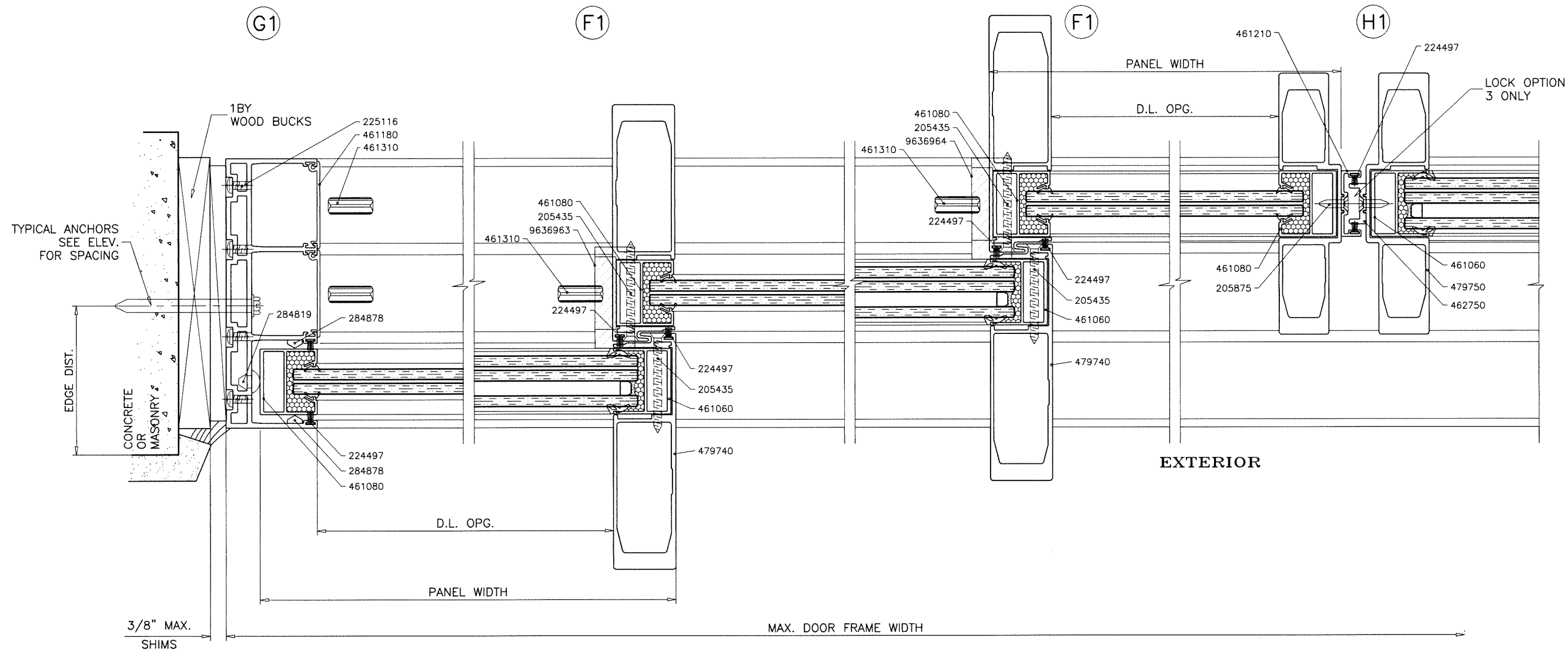
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	by	description

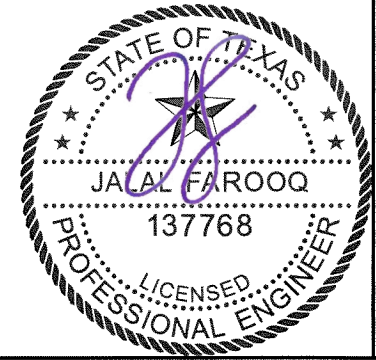
date: 03-24-21  
 scale: 3/8" = 1"  
 dr. by: TARIQ  
 chk. by:  

drawing no. **21-28T**  
 sheet 13 of 17

COMP-ANL\21-28T-SUL



3 TRACK FRAMES



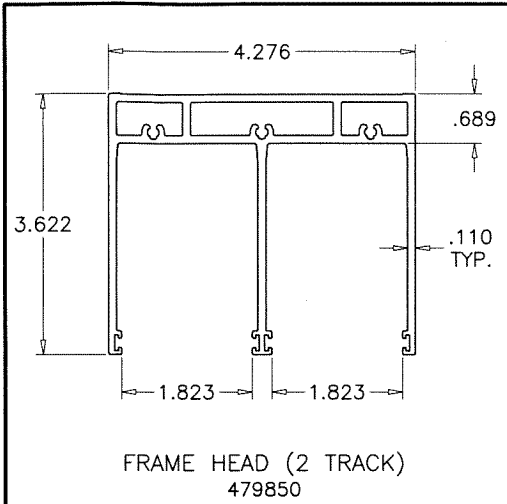
4/13/2021

**af c**  
**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  
 COMP-ANL\21-28T-SUL

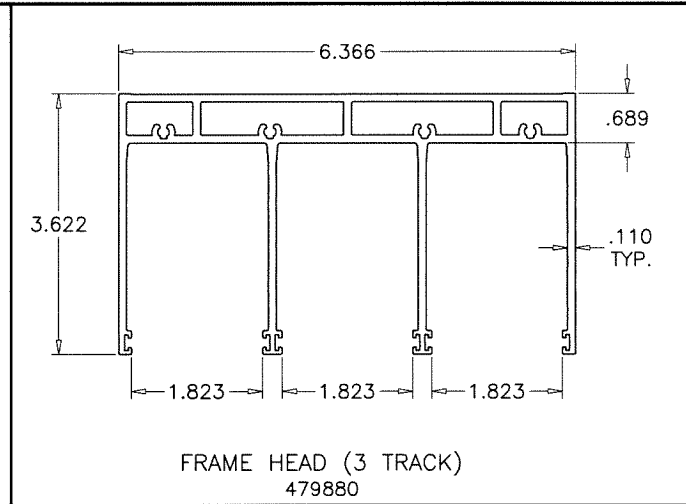
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:	
no	date by description

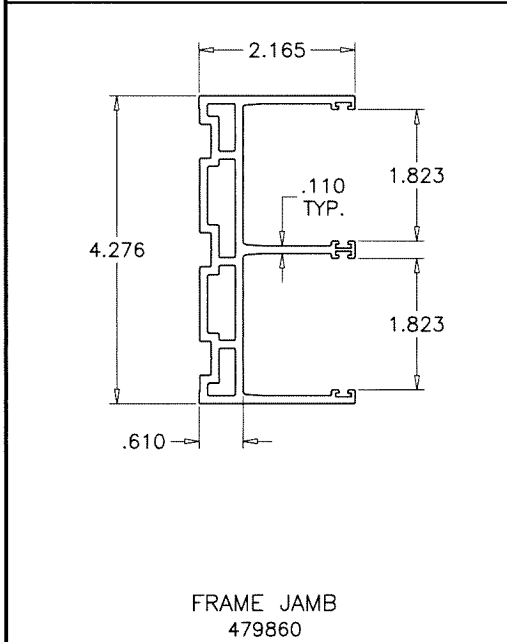
date: 03-24-21	scale: 3/8" = 1"
dr. by: TARIQ	chk. by:
drawing no. 21-28T	
sheet 14 of 17	



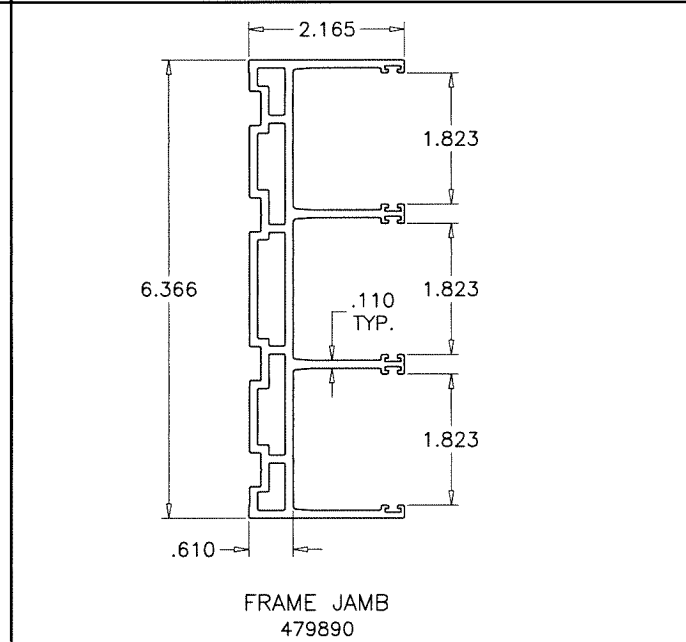
FRAME HEAD (2 TRACK)  
479850



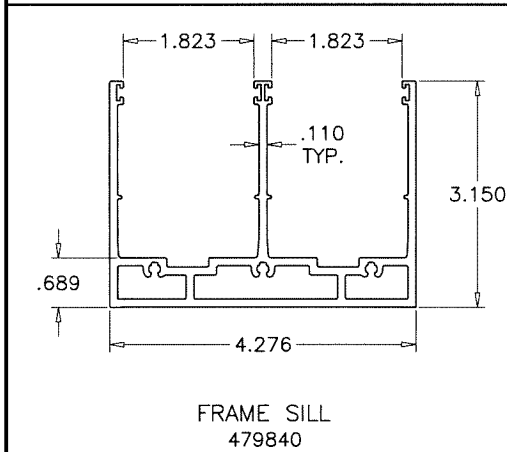
FRAME HEAD (3 TRACK)  
479880



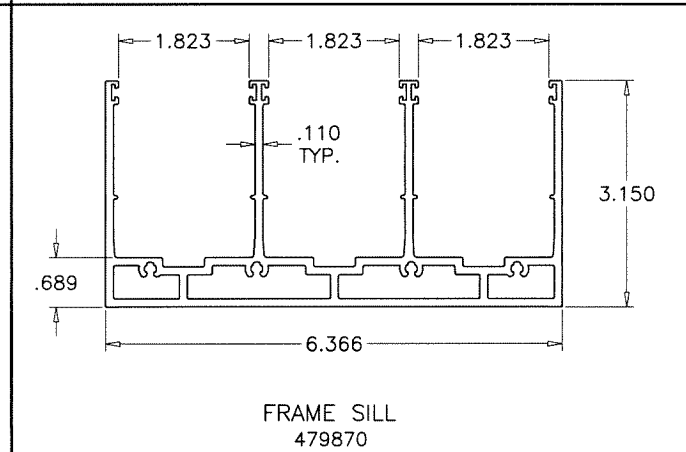
FRAME JAMB  
479860



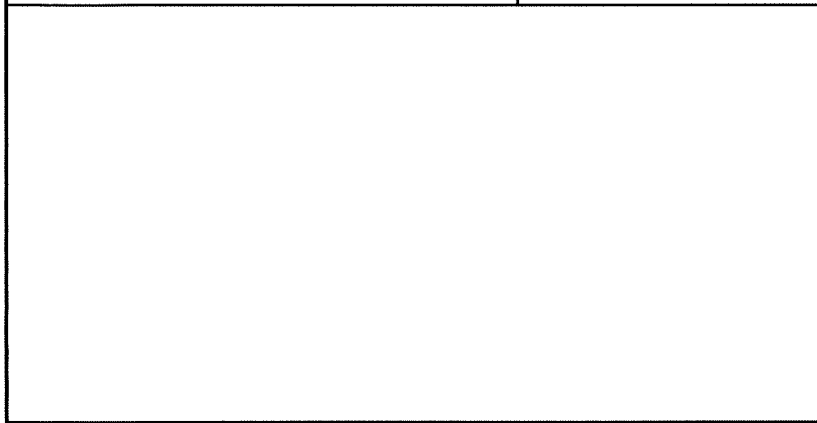
FRAME JAMB  
479890



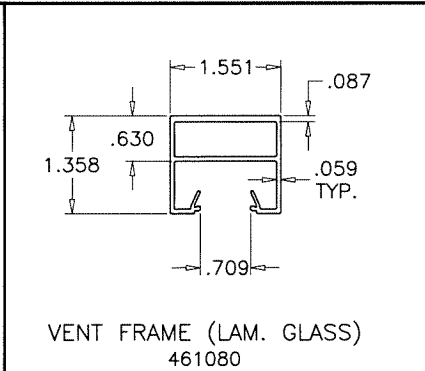
FRAME SILL  
479840



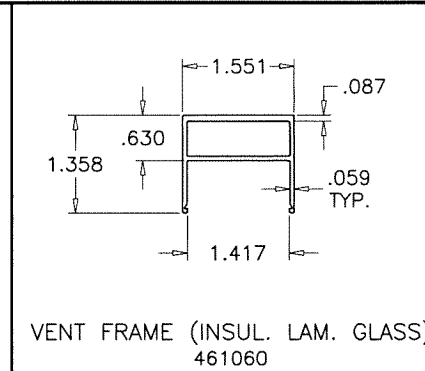
FRAME SILL  
479870



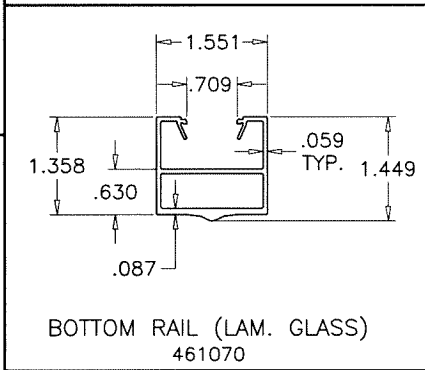
INTERLOCK STILE (MINI)  
461100



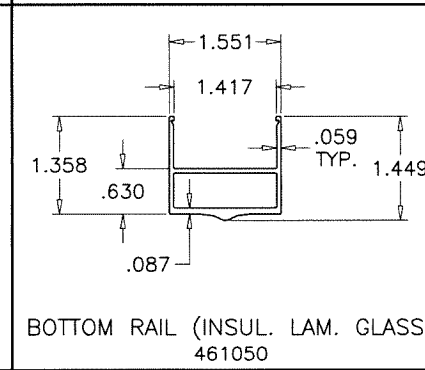
VENT FRAME (LAM. GLASS)  
461080



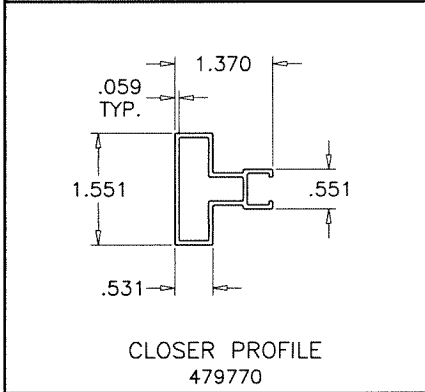
VENT FRAME (INSUL. LAM. GLASS)  
461060



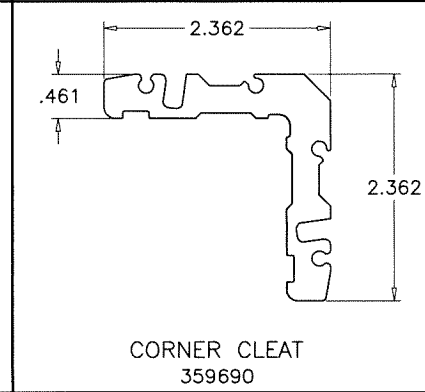
BOTTOM RAIL (LAM. GLASS)  
461070



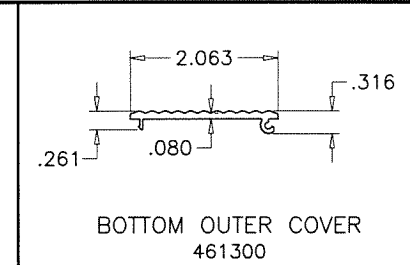
BOTTOM RAIL (INSUL. LAM. GLASS)  
461050



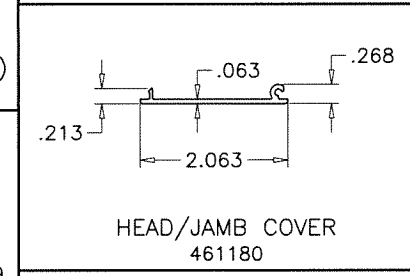
CLOSER PROFILE  
479770



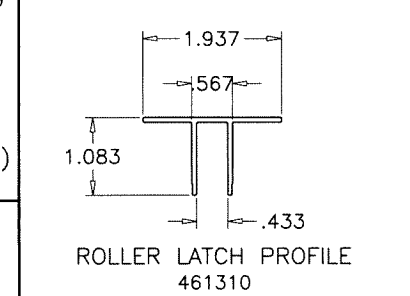
CORNER CLEAT  
359690



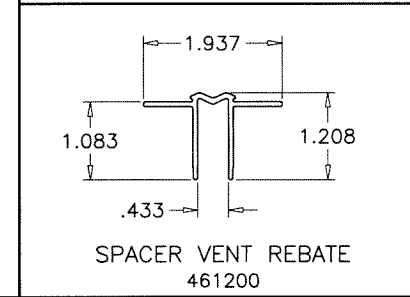
BOTTOM OUTER COVER  
461300



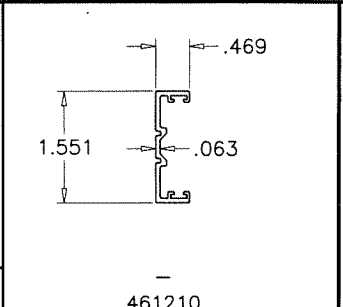
HEAD/JAMB COVER  
461180



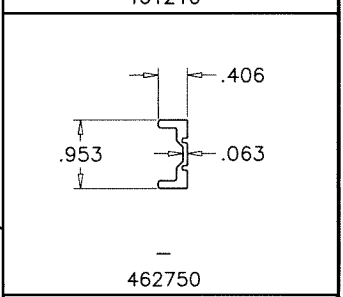
ROLLER LATCH PROFILE  
461310



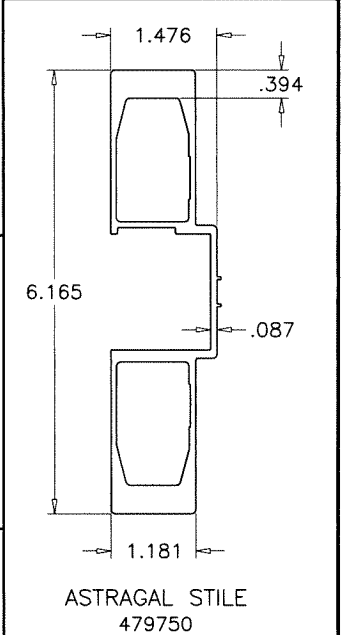
SPACER VENT REBATE  
461200



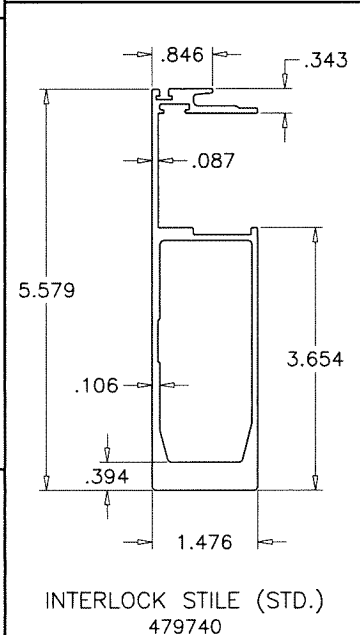
461210



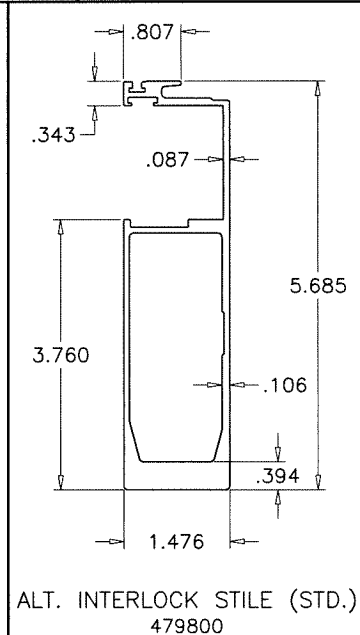
462750



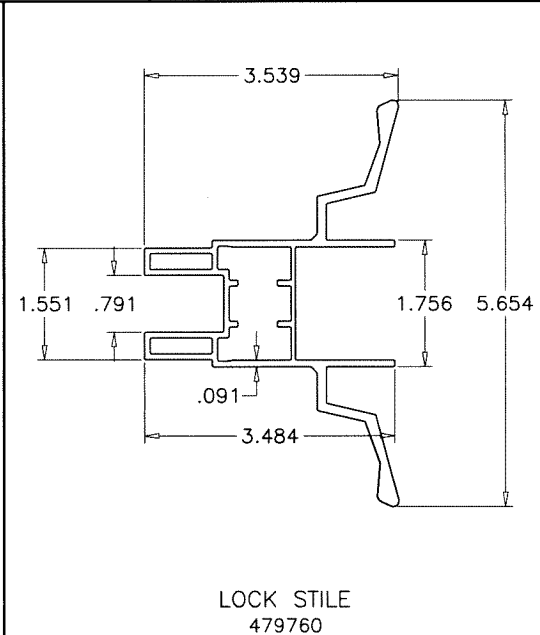
ASTRAGAL STILE  
479750



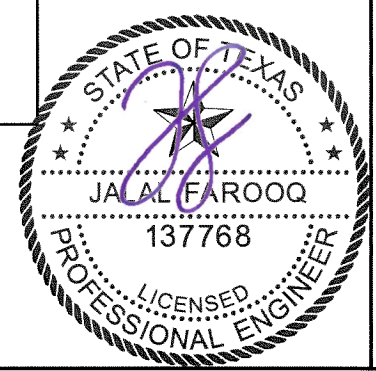
INTERLOCK STILE (STD.)  
479740



ALT. INTERLOCK STILE (STD.)  
479800



LOCK STILE  
479760



4/13/2021

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
 MIAMI, FLORIDA 33173 FAX: (305) 262-6978  
 TEL: (305) 264-8100 COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	by description

date: 03-24-21  
 scale: 3/8" = 1"  
 dr. by: TARIQ  
 chk. by:   
 drawing no. **21-28T**  
 sheet 15 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 (STANDARD)	6063-T6	-
461100	-	INTERLOCK STILE (MINI)	6063-T6	-
479800	-	ALT. INTERLOCK STILE (STANDARD)	6063-T6	-
479760	-	LOCK STILE	6063-T6	-
479750	-	ASTRAGAL STILE	6063-T6	-
461210	-	-	6063-T6	-
462750	-	-	6063-T6	-
479770	-	CLOSER PROFILE	6063-T6	-
479840	-	FRAME SILL (2 TRACK)	6063-T6	-
479870	-	FRAME SILL (3 TRACK)	6063-T6	-
479850	-	FRAME HEAD (2 TRACK)	6063-T6	-
479880	-	FRAME HEAD (3 TRACK)	6063-T6	-
479860	-	FRAME JAMB (2 TRACK)	6063-T6	-
479890	-	FRAME JAMB (3 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

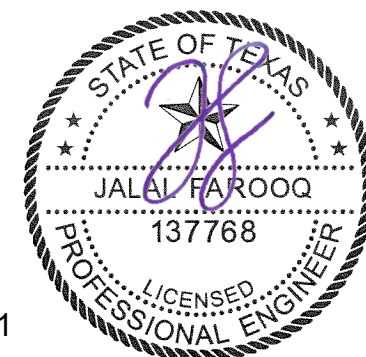
**OPTION #2**

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**

LOCK (279194) WITH LATCH (241849) AND RETAINING CATCH (241850) AT 36" FROM BOTTOM SHOOT BOLT (461220) ENGAGING AT SILL



4/13/2021

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

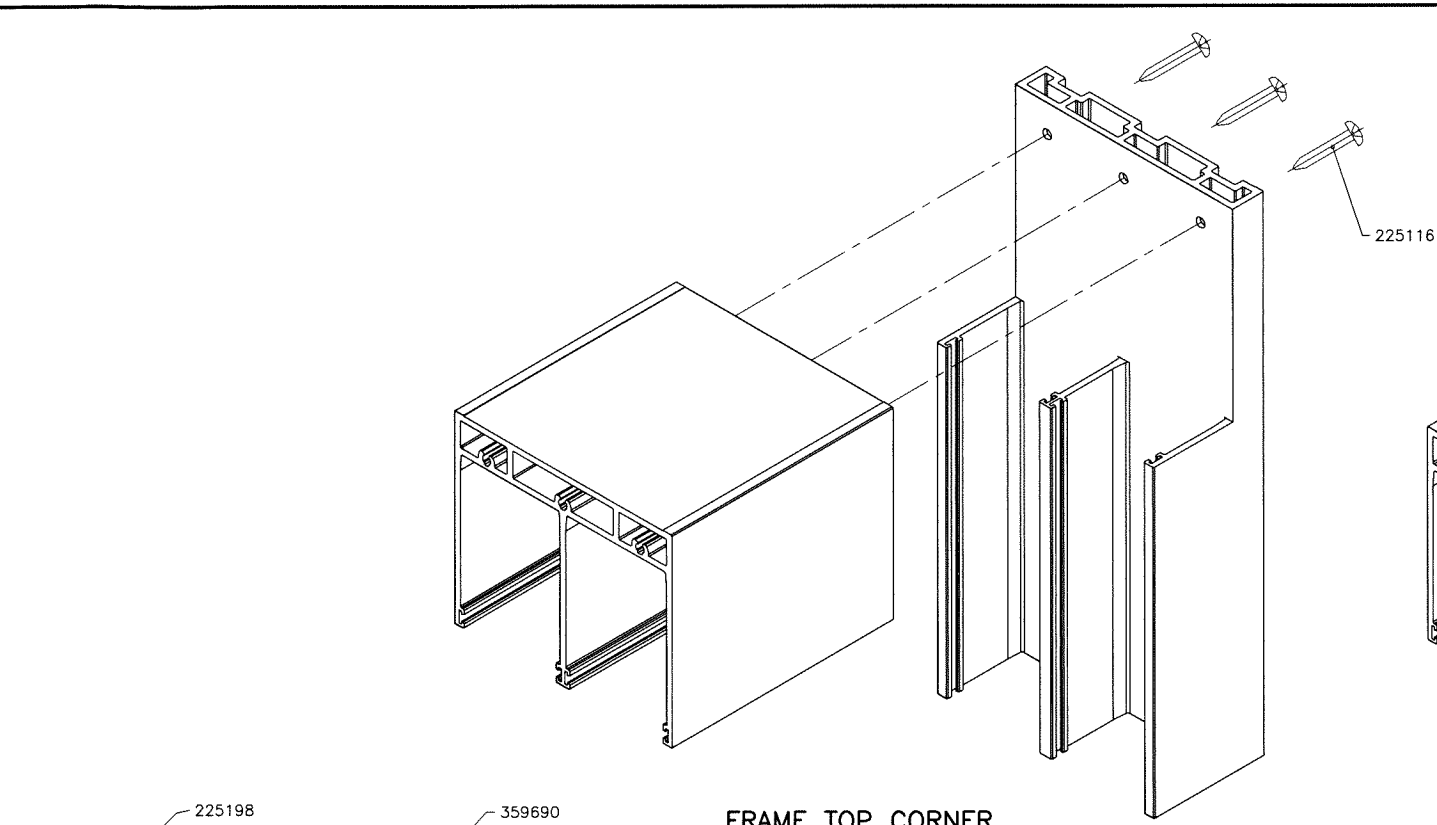
ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
 240 Pane Road  
 Newington, CT. 06111  
 Phone: (860) 666-0505 Fax: (860) 616-0188

revisions:

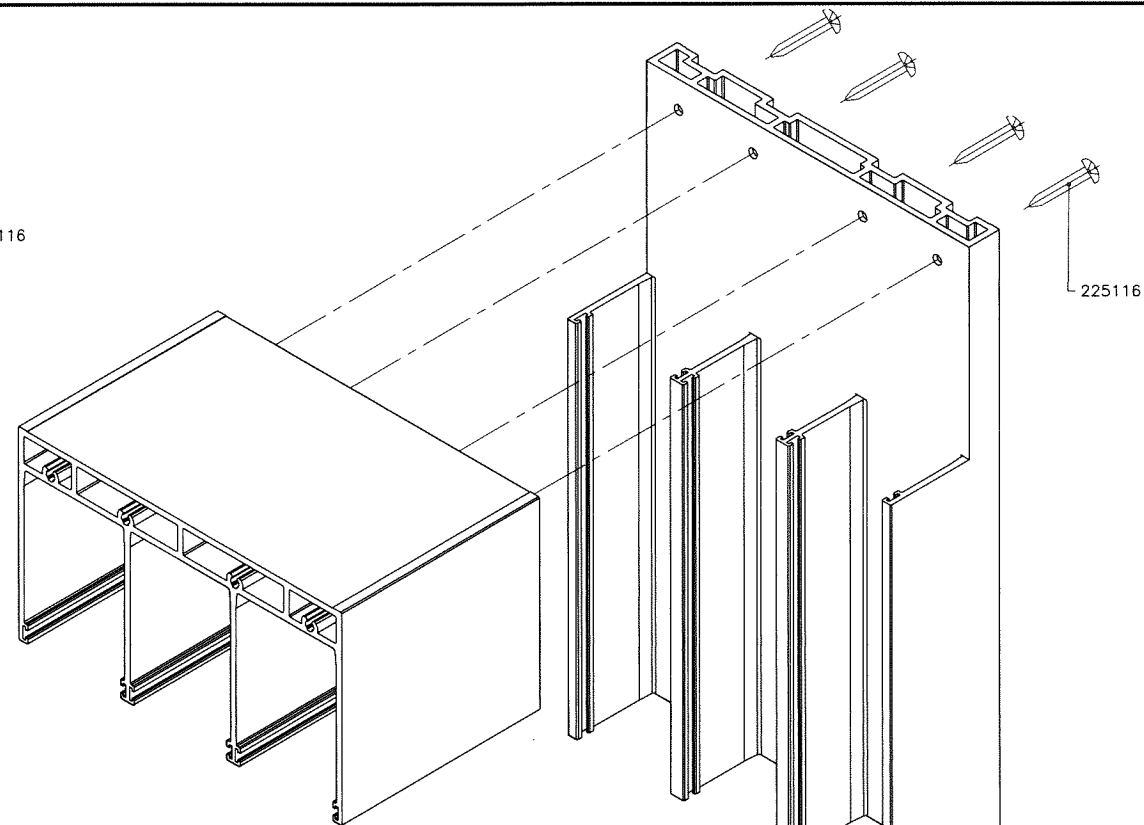
no	date	by	description

date: 03-24-21  
 scale: 3/8" = 1"  
 dr. by: TARIQ  
 chk. by:  
 drawing no. 21-28T  
 sheet 16 of 17

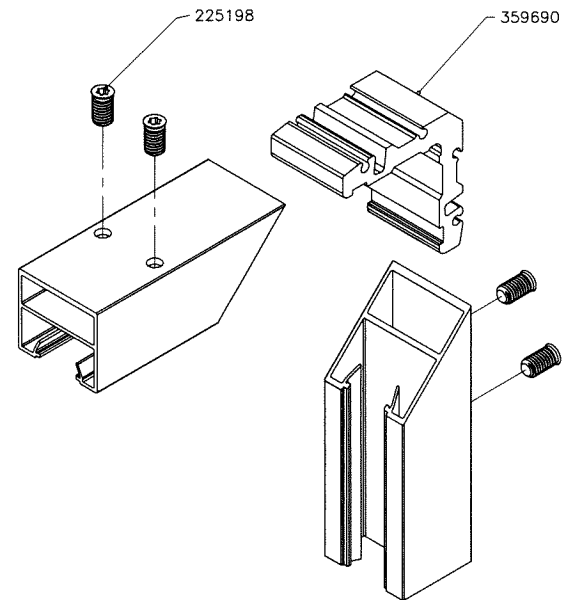
COMP-ANL\21-28T-SUL



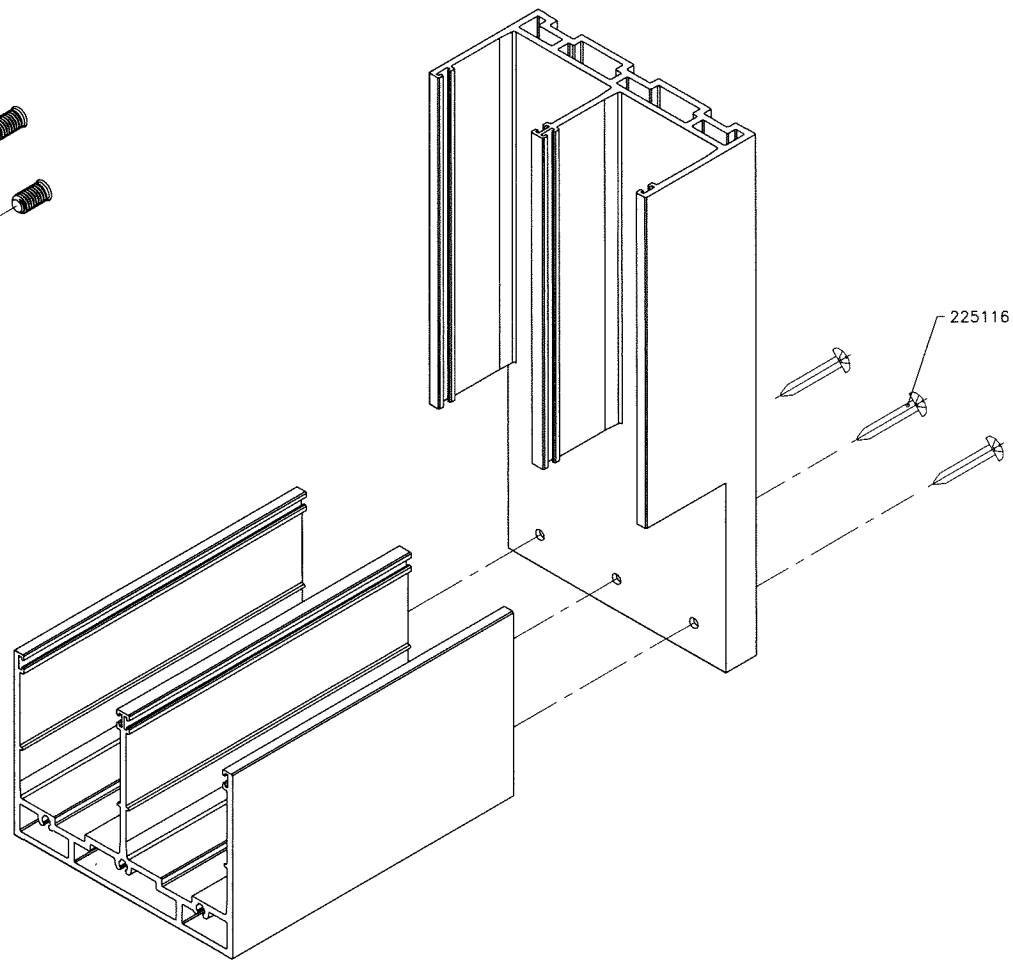
**FRAME TOP CORNER**  
(2 TRACK FRAME)



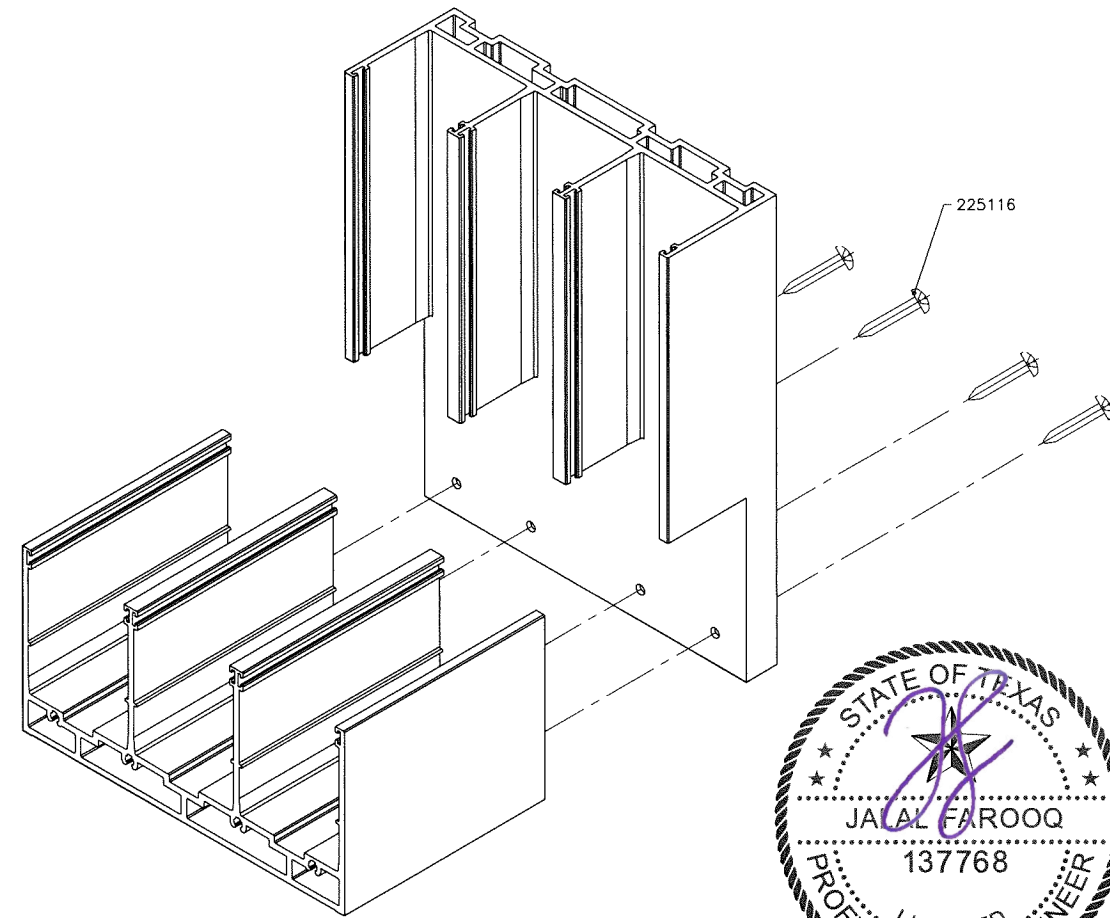
**FRAME TOP CORNER**  
(3 TRACK FRAME)



**PANEL TOP/BOTTOM CORNER**

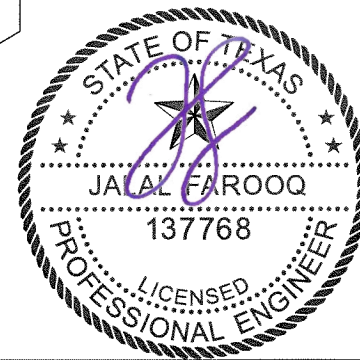


**FRAME BOTTOM CORNER**  
(2 TRACK FRAME)



**FRAME BOTTOM CORNER**  
(3 TRACK FRAME)

4/13/2021



**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-28T-SUL

ASS 39 PD.NI ALUM SLIDING GLASS DOOR (L.M.I.)  
**Schuco USA L.L.P.**  
240 Pane Road  
Newington, CT. 06111  
Phone: (860) 666-0505 Fax: (860) 616-0188

no	date	description

date: 03-24-21  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:   
drawing no.  
**21-28T**  
sheet 17 of 17