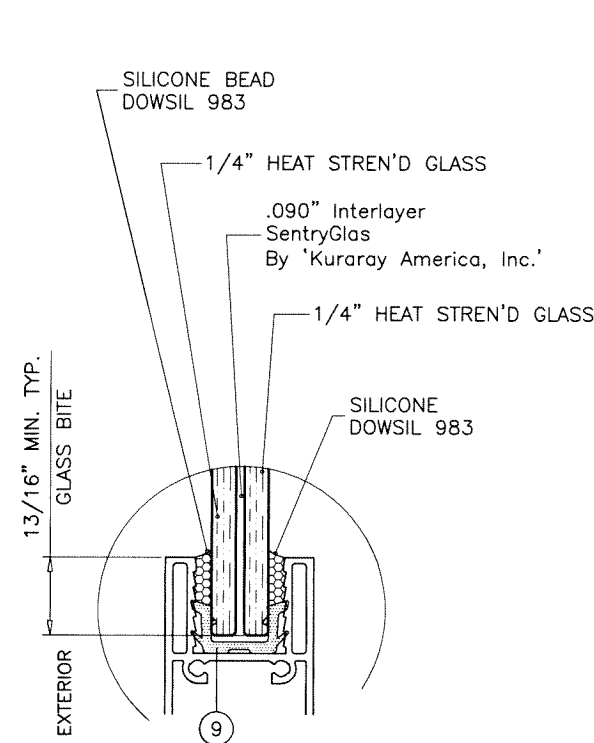
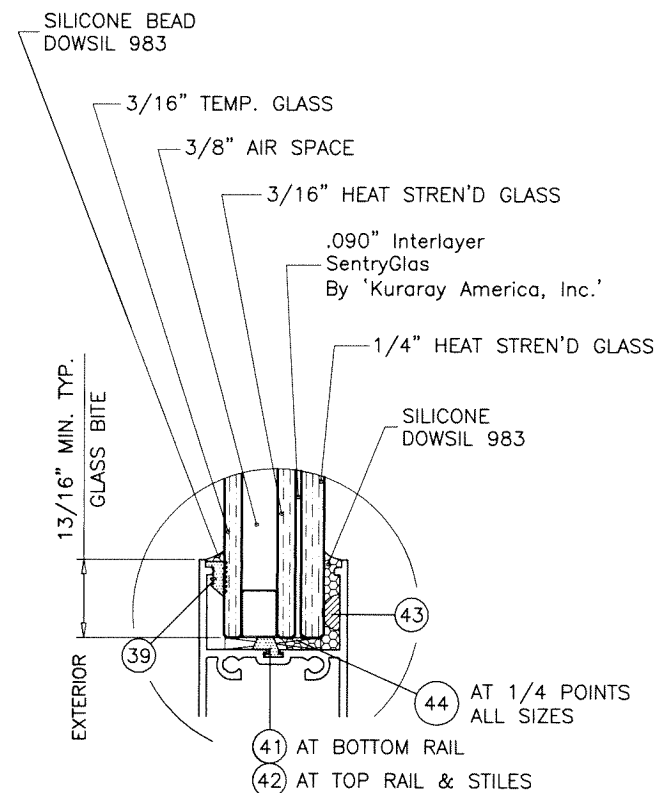
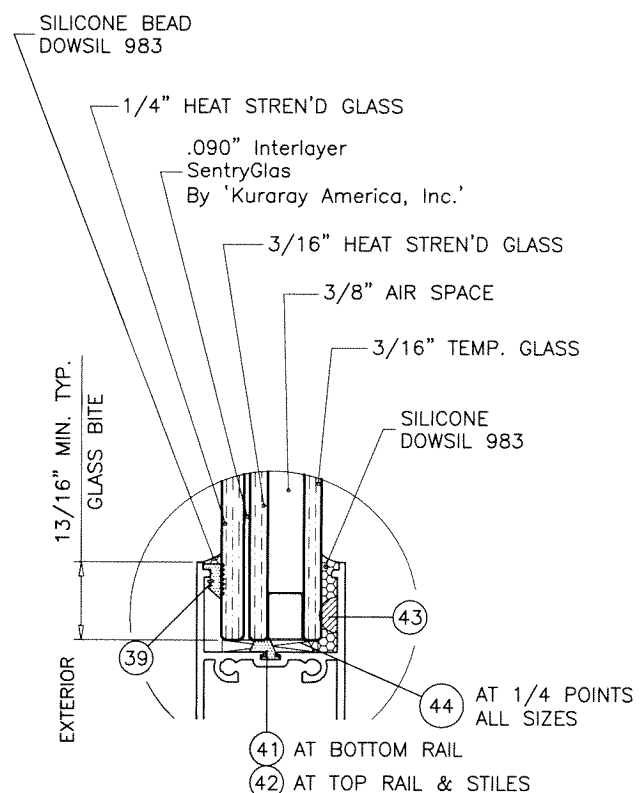




GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



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



GLASS TYPE 'B' (REVERSE)
1-1/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

3/8" AIR SPACE CONSISTING OF:

SPACER:

'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.

PERIMETER SEALANT:

SILICONE
DOWSIL 791
GE 2000

SERIES-6000-3 TRACK ALUMINUM SLIDING GLASS DOOR

SEE SHEETS 4 & 5 FOR DESIGN LOAD CAPACITY OF
DESIRED GLASS SIZE AND REQUIRED REINFORCING.

USING CHART ON SHEET 6 SELECT ANCHOR OPTION WITH
DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.

LOWER DESIGN PRESSURES FROM GLASS OR ANCHOR
CHARTS WILL APPLY TO ENTIRE SYSTEM.

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

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

VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

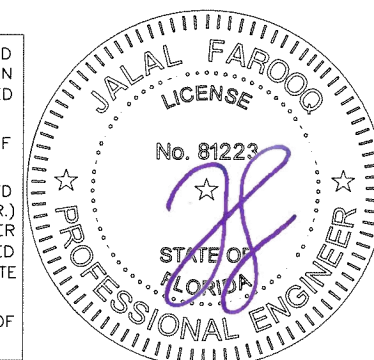
A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.

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

Sealed: 7/25/2023 FL #22251



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-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC

3550 N.W. 49 STREET
MIAMI, FL. 33142

TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	by	description
	A	07.25.23		UPDATED TO 2023 FBC

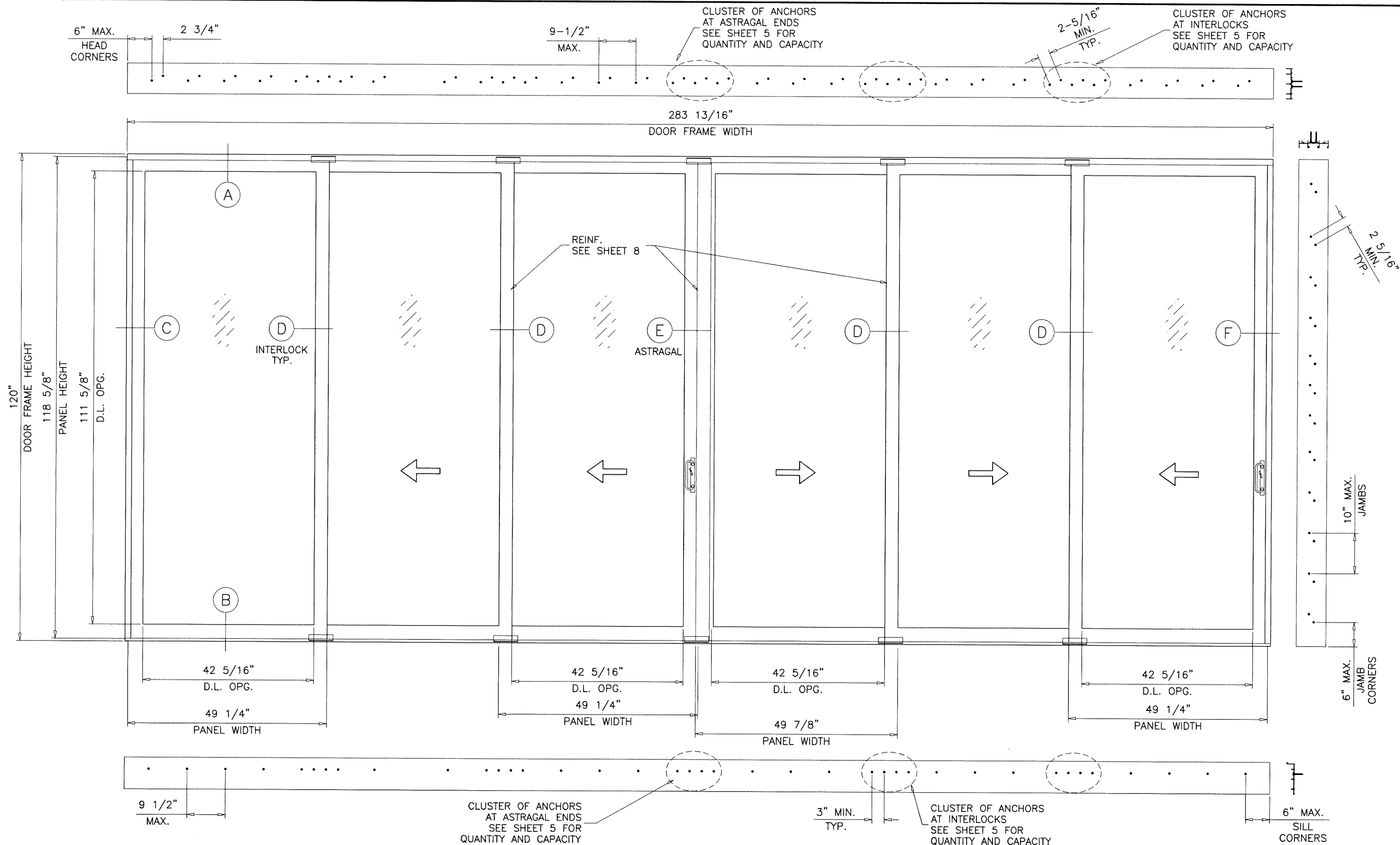
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drawing no.

19-09F

sheet 1 of 13

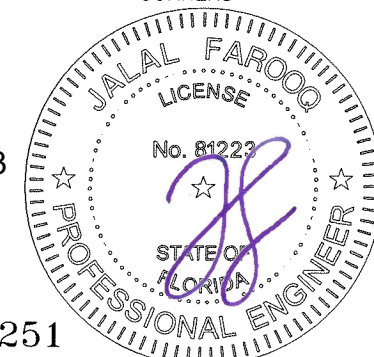
COMP-ANL \ 19-09F-ES



TYPICAL ELEVATION
THREE (3) TRACK DOORS
OXXXXX

DAYLITE OPENINGS:
D.L.O. HEIGHT = PANEL HEIGHT - 7.000"
D.L.O. WIDTH = PANEL WIDTH - 6.937"
PANEL HEIGHT = FRAME HEIGHT - 1.375"

Sealed: 7/25/2023



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COMP-ANL\19-09F-ES

SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

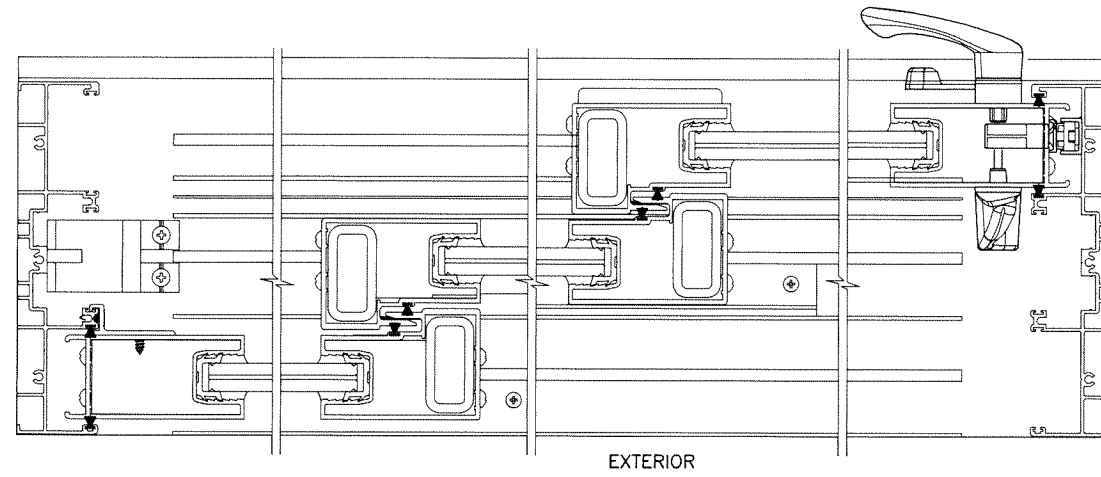
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

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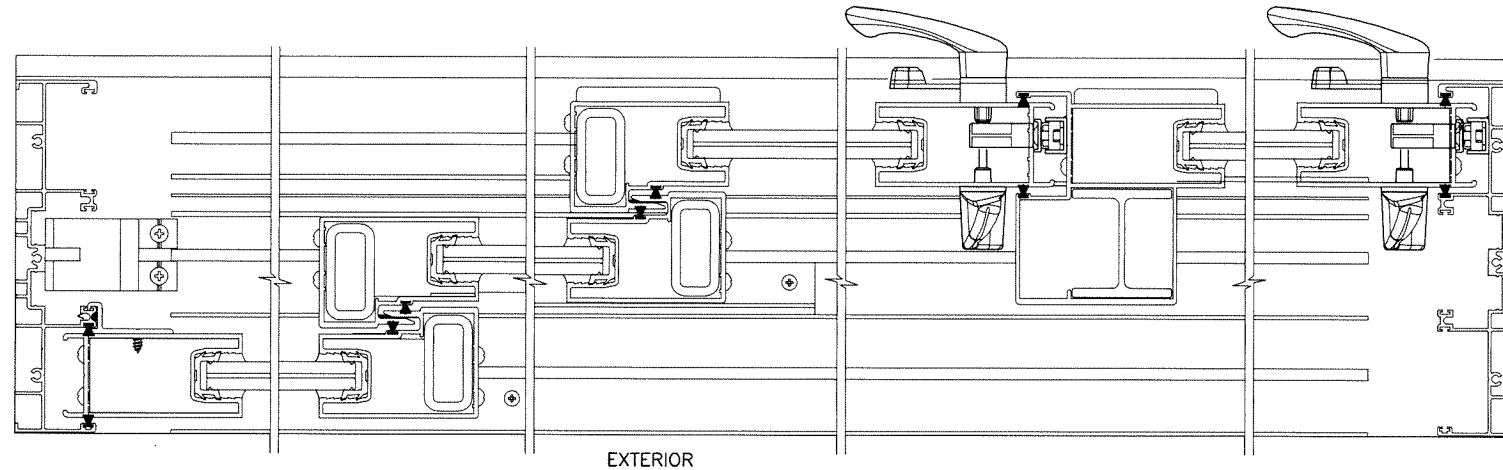
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dr. by: TARIQ
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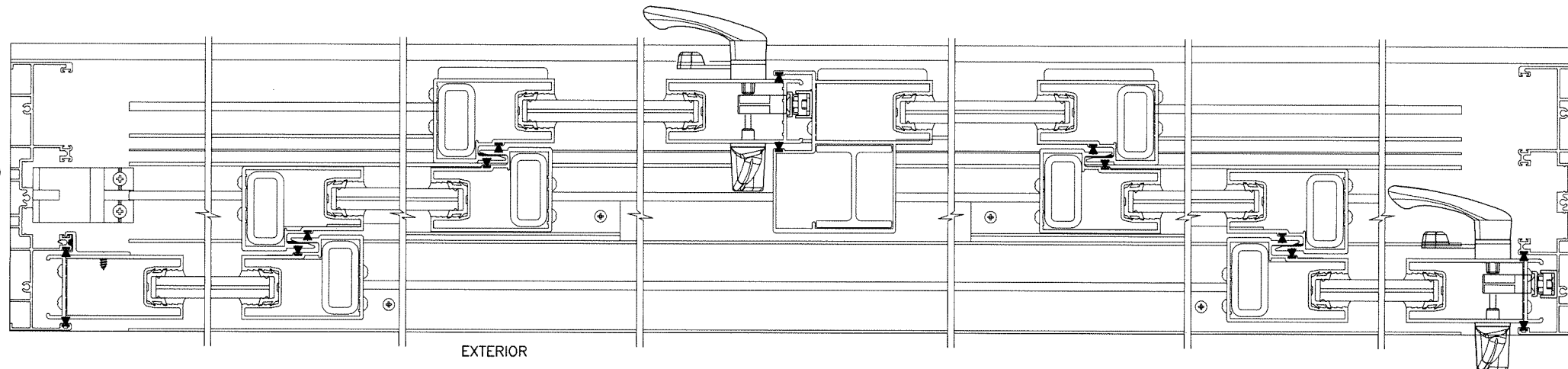
drawing no.
19-09F
sheet 2 of 13



EXTERIOR

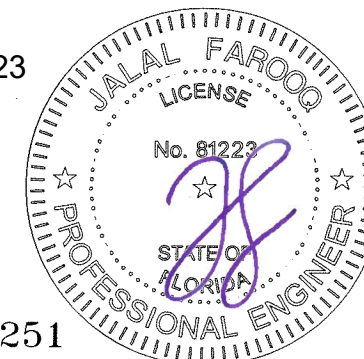


EXTERIOR



EXTERIOR

Sealed: 7/25/2023



FL #22251

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
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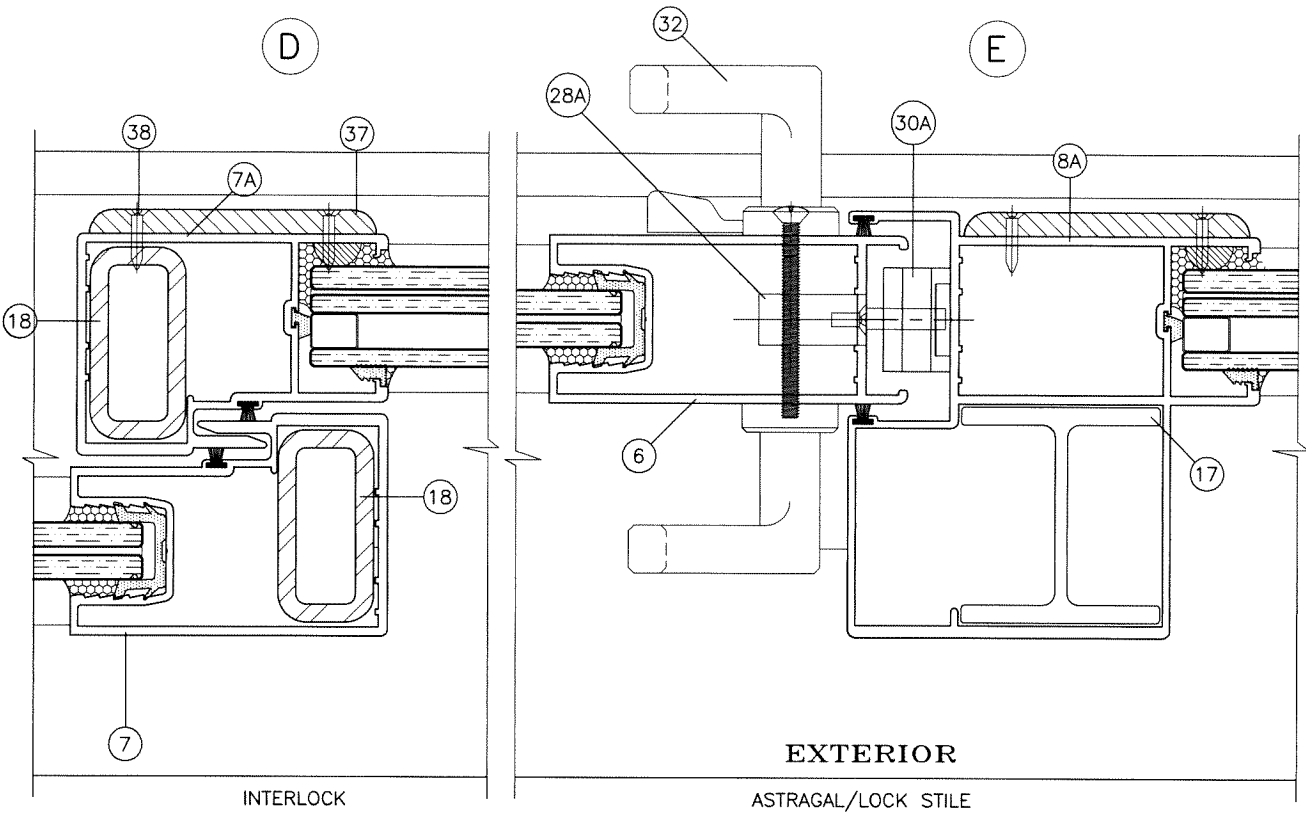
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dr. by: TARIQ
chk. by:

drawing no.
19-09F

sheet 3 of 13

COMP-ANL\19-09F-ES

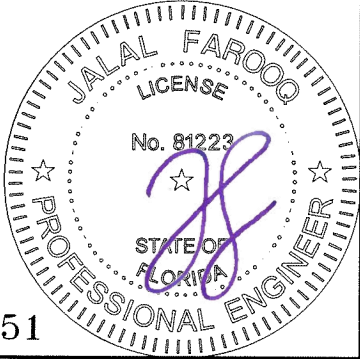
DESIGN LOAD CAPACITY - PSF REINFORCING LEVEL '1'							
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'B' REVERSE	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36	82	85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	110.0	81.6	110.0	81.6	105.6
53		77.0	110.0	77.0	110.0	77.0	99.6
56		72.9	110.0	72.9	110.0	72.9	94.3
60	96	68.0	104.0	68.0	104.0	68.0	88.0
36		85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	110.0	81.6	110.0	81.6	105.6
53		77.0	110.0	77.0	110.0	77.0	99.6
56	102	72.9	110.0	72.9	110.0	72.9	94.3
60		68.0	104.0	68.0	104.0	68.0	88.0
36		85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	110.0	81.6	110.0	81.6	105.6
53	108	77.0	110.0	77.0	110.0	77.0	99.6
56		72.9	110.0	72.9	110.0	72.9	94.3
36		85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	110.0	81.6	110.0	81.6	105.6
53	114	77.0	110.0	77.0	110.0	77.0	99.6
36		85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	105.6	81.6	105.6	81.6	105.6
53	120	77.0	110.0	77.0	110.0	77.0	99.6
36		85.0	110.0	85.0	110.0	85.0	110.0
40		85.0	110.0	85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0	85.0	110.0
50		81.6	105.6	81.6	105.6	81.6	105.6
53		77.0	110.0	77.0	110.0	77.0	99.6



REINFORCING LEVEL '1'

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

Sealed: 7/25/2023



FL #22251

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-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

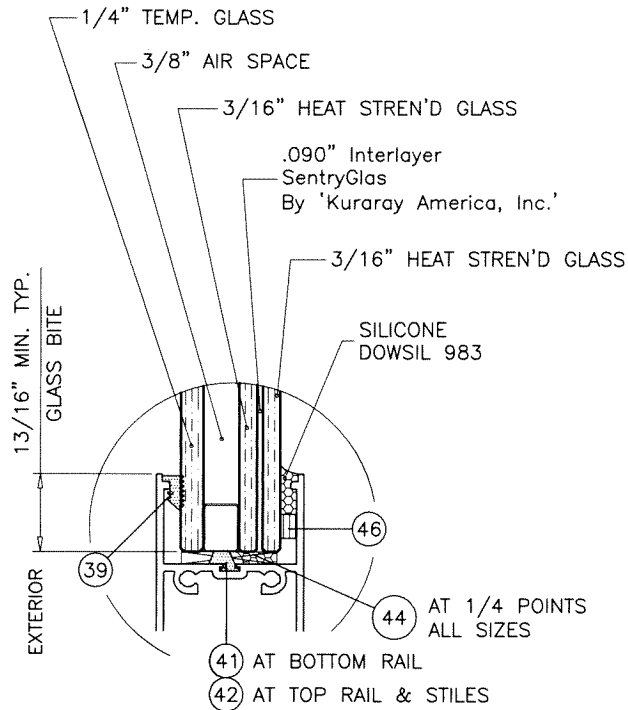
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no.	date	by	description

date:	02-18-19
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

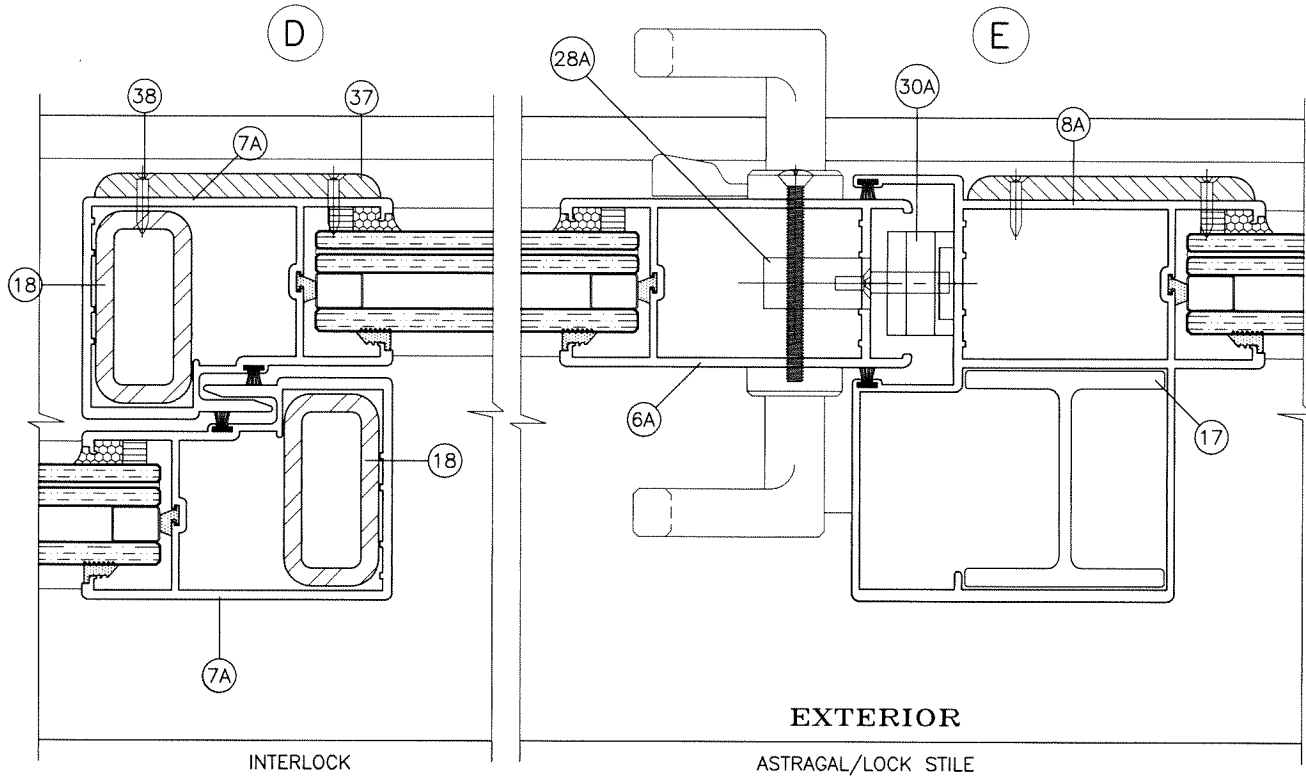
drawing no.	19-09F
sheet	4 of 13

DESIGN LOAD CAPACITY - PSF GLASS TYPE 'C'					
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	REINF. LEVEL '1'		REINF. LEVEL '2'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36	82	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
60		85.0	95.0	85.0	125.0
36	96	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
60		85.0	95.0	85.0	125.0
36	102	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
60		85.0	95.0	85.0	125.0
36	108	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
55		85.0	95.0	85.0	125.0
60		85.0	95.0	85.0	125.0
36	114	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
55		85.0	95.0	85.0	125.0
36	120	85.0	95.0	85.0	125.0
42		85.0	95.0	85.0	125.0
44		85.0	95.0	85.0	125.0
48		85.0	95.0	85.0	125.0
54		85.0	95.0	85.0	125.0
55		85.0	95.0	85.0	125.0

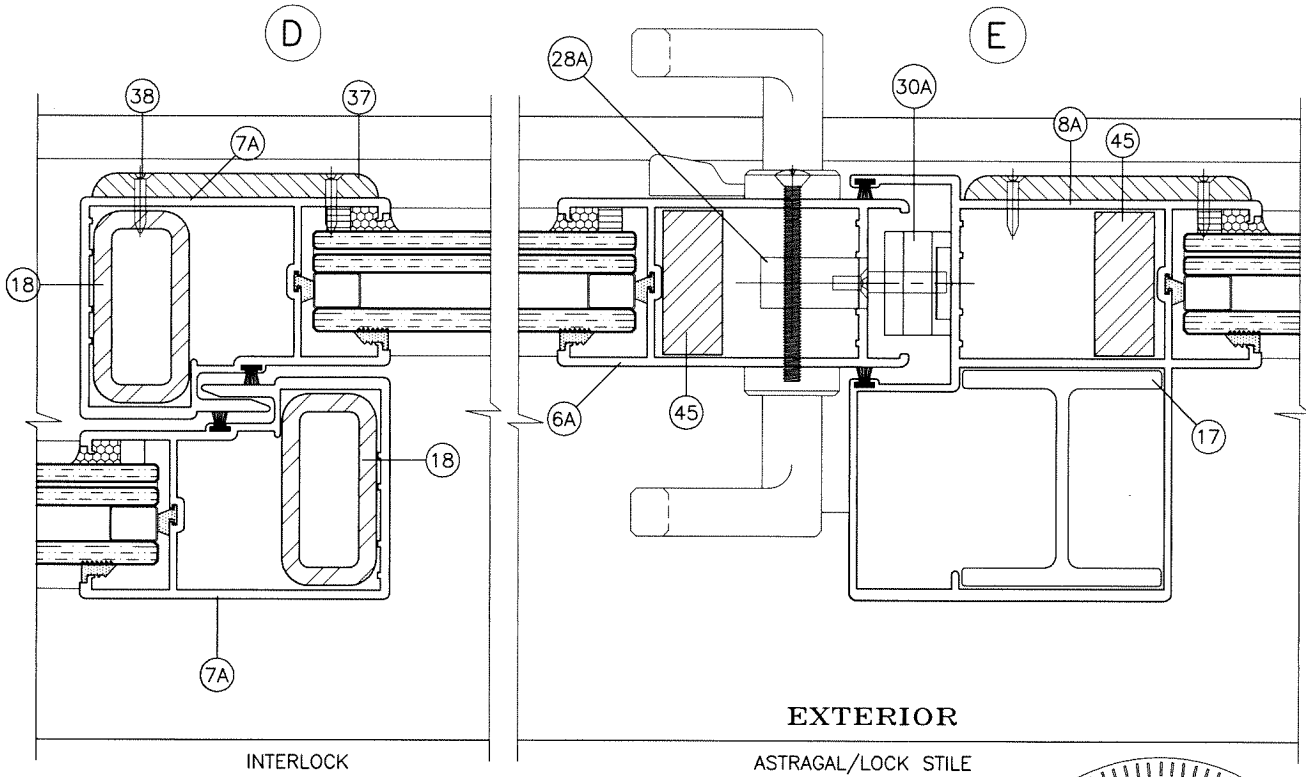


GLASS TYPE 'C'
1-1/16" OVERALL INSUL. LAM. GLASS
GLAZING DETAIL

3/8" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000

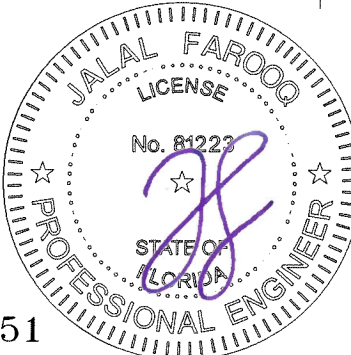


REINFORCING LEVEL '1'



REINFORCING LEVEL '2'

Sealed: 7/25/2023



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 #22251

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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-6978
COMP-ANL\19-09F-ES

SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

revisions:

no	date	by	description

date: 02-18-19

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

drawing no.

19-09F

sheet 5 of 13

HEAD ANCHOR LOAD CAPACITY - PSF						
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	ANCHOR TYPE 'A'		ANCHOR TYPE 'B'		ANCHOR TYPE 'C'
		6 ANCHORS AT MTG. STYLE ENDS	7 ANCHORS AT MTG. STYLE ENDS	6 ANCHORS AT MTG. STYLE ENDS	7 ANCHORS AT MTG. STYLE ENDS	6 ANCHORS AT MTG. STYLE ENDS
		INT. (-)	INT. (-)	INT. (-)	INT. (-)	INT. (-)
36	82	125.0	125.0	125.0	125.0	125.0
40		125.0	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	125.0	125.0
44		125.0	125.0	125.0	125.0	125.0
48		125.0	125.0	125.0	125.0	125.0
50		125.0	125.0	125.0	125.0	125.0
53		125.0	125.0	125.0	125.0	125.0
54		125.0	125.0	125.0	125.0	125.0
56	96	125.0	125.0	125.0	125.0	125.0
60		125.0	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	125.0	125.0
40		125.0	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	125.0	125.0
44		125.0	125.0	125.0	125.0	125.0
48		125.0	125.0	125.0	125.0	125.0
50		125.0	125.0	125.0	125.0	125.0
53	102	125.0	125.0	125.0	125.0	125.0
54		125.0	125.0	125.0	125.0	125.0
56		125.0	125.0	125.0	125.0	125.0
60		125.0	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	125.0	125.0
40		125.0	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	125.0	125.0
44		125.0	125.0	125.0	125.0	125.0
48	108	125.0	125.0	125.0	125.0	125.0
50		125.0	125.0	125.0	125.0	125.0
53		124.2	125.0	125.0	125.0	125.0
54		121.9	125.0	125.0	125.0	125.0
56		125.0	125.0	125.0	125.0	125.0
60		121.9	125.0	125.0	125.0	125.0
36	114	125.0	125.0	125.0	125.0	125.0
40		125.0	125.0	125.0	125.0	125.0
42		125.0	125.0	125.0	125.0	125.0
44		125.0	125.0	125.0	125.0	125.0
48		125.0	125.0	125.0	125.0	125.0
50		124.3	125.0	125.0	125.0	125.0
53		117.3	125.0	125.0	125.0	125.0
54		115.1	125.0	125.0	125.0	125.0
55	120	125.0	125.0	125.0	125.0	125.0
60		115.1	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	125.0	125.0
40		125.0	125.0	125.0	125.0	125.0
42		124.6	125.0	125.0	125.0	125.0
44		119.0	125.0	125.0	125.0	125.0
48		122.7	125.0	125.0	125.0	125.0
50		117.8	125.0	125.0	125.0	125.0
54	120	109.1	121.2	125.0	125.0	125.0
55		119.0	125.0	125.0	125.0	125.0
36		125.0	125.0	125.0	125.0	125.0
40		124.3	125.0	125.0	125.0	125.0
42		118.4	125.0	125.0	125.0	125.0
44		113.0	125.0	125.0	125.0	125.0
48		116.6	125.0	125.0	125.0	125.0
54		103.6	115.1	121.9	125.0	125.0
55		113.0	124.3	125.0	125.0	125.0

SILL ANCHOR LOAD CAPACITY - PSF				
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	ANCHOR TYPE 'B'		
		4 ANCHORS AT MTG. STYLE ENDS	5 ANCHORS AT MTG. STYLE ENDS	
		INT. (-)	INT. (-)	
36	82	125.0	125.0	
40		125.0	125.0	
42		125.0	125.0	
44		125.0	125.0	
48		125.0	125.0	
50		125.0	125.0	
53		125.0	125.0	
54		125.0	125.0	
56	96	125.0	125.0	
60		125.0	125.0	
36		125.0	125.0	
40		125.0	125.0	
42		125.0	125.0	
44		125.0	125.0	
48		125.0	125.0	
50		125.0	125.0	
53	102	125.0	125.0	
54		125.0	125.0	
56		125.0	125.0	
60		125.0	125.0	
36		125.0	125.0	
40		125.0	125.0	
42		125.0	125.0	
44		125.0	125.0	
48	108	125.0	125.0	
50		125.0	125.0	
53		125.0	125.0	
54		125.0	125.0	
56		125.0	125.0	
60		125.0	125.0	
36	114	125.0	125.0	
40		125.0	125.0	
42		125.0	125.0	
44		125.0	125.0	
48		125.0	125.0	
50		125.0	125.0	
53		125.0	125.0	
54		124.3	125.0	
55	120	122.0	125.0	
36		125.0	125.0	
40		119.5	125.0	
42		125.0	125.0	
44		125.0	125.0	
48		125.0	125.0	
54		118.0	125.0	
55		115.9	125.0	

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

— AT HEAD —

TYPE 'A'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONCRETE
1-1/2" MIN. EMBED INTO CONCRETE

TYPE 'B'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE
1-1/2" MIN. EMBED

TYPE 'C'— #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(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)

— AT SILL —

TYPE 'B'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED

— AT JAMBS —

TYPE 'A'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS

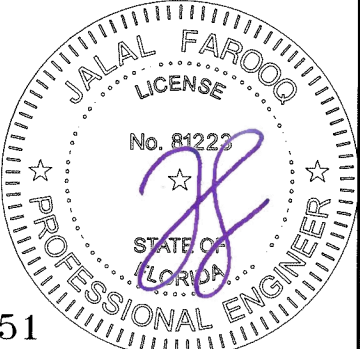
TYPE 'B'— 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS

TYPE 'C'— #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(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)

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2-1/2" 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.

NOTE:
SEE SHEETS 4 & 5 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
USING CHART ON THIS SHEET SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN
DESIGN LOADS REQUIRED.
LOWER DESIGN PRESSURES FROM GLASS OR HEAD, SILL, JAMB ANCHOR CHARTS WILL
APPLY TO ENTIRE SYSTEM.

FL #22251



af c

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

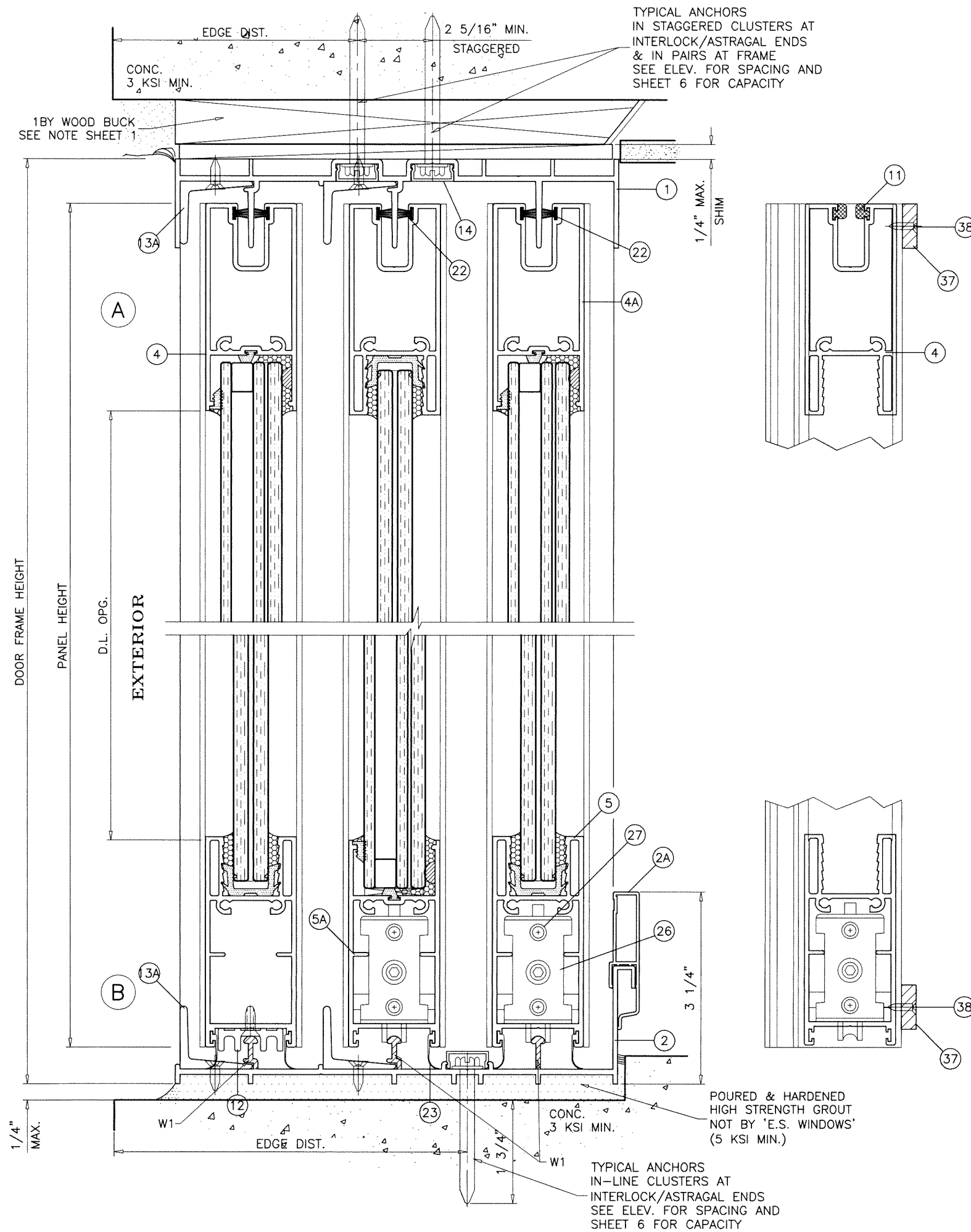
SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:
no date by description

date: 02-18-19
scale: -
dr. by: TARIQ
chk. by:

drawing no.
19-09F
sheet 6 of 13



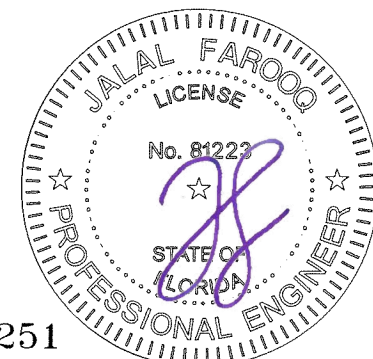
SEALANT:

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

WEEPHOLES:

W1 = 2-5/8" LONG WEEP NOTCH AT EACH END

Sealed: 7/25/2023



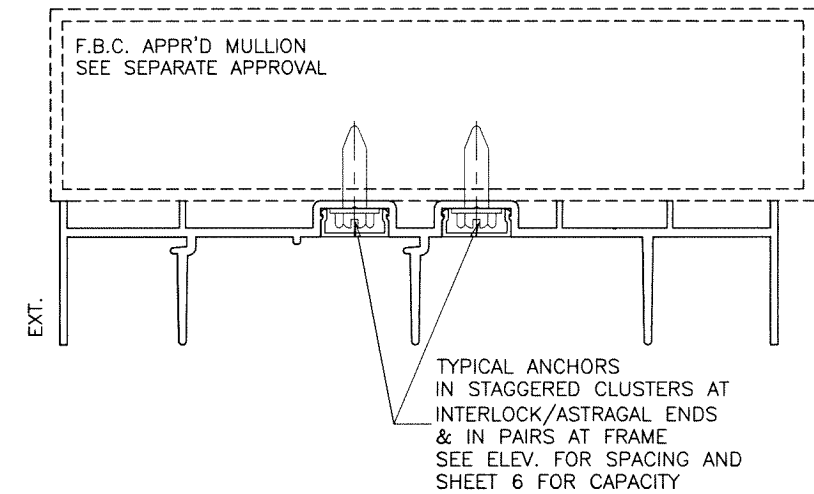
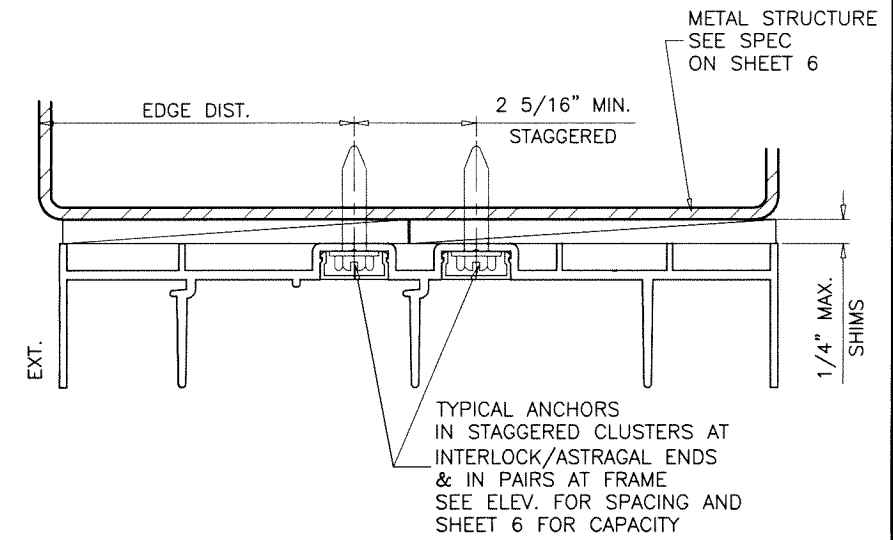
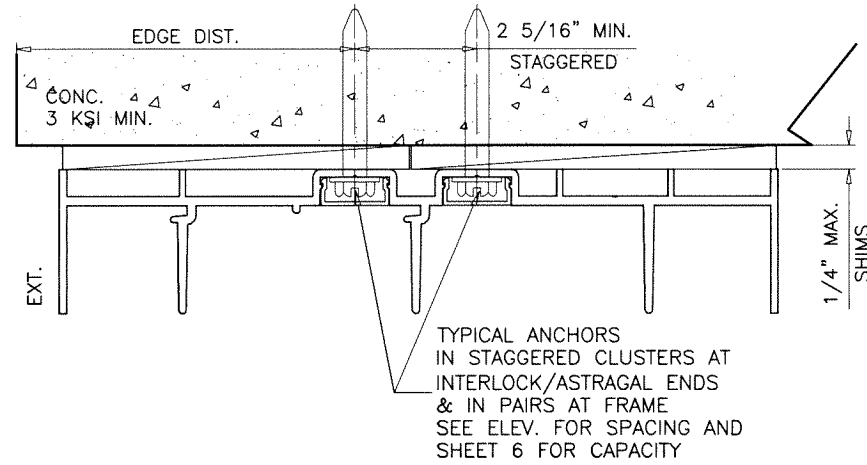
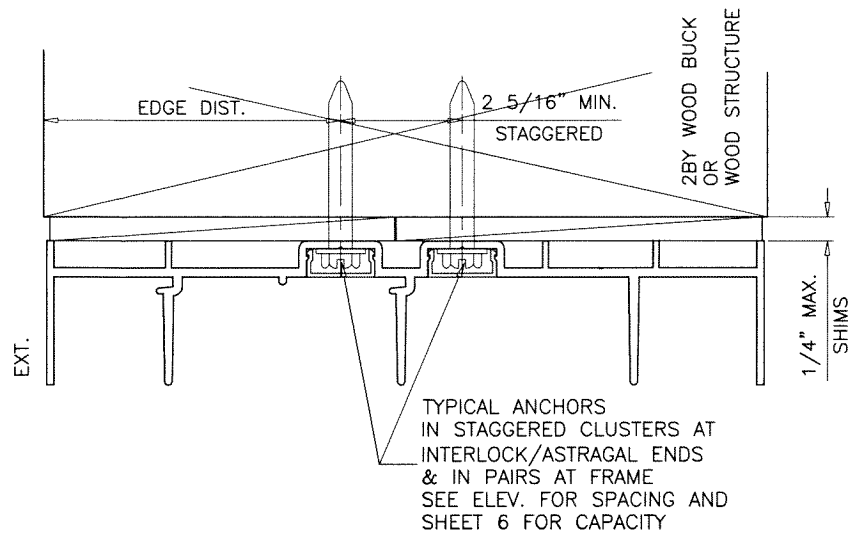
FL #22251

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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
 COMP-ANL \ 19-09F-ES

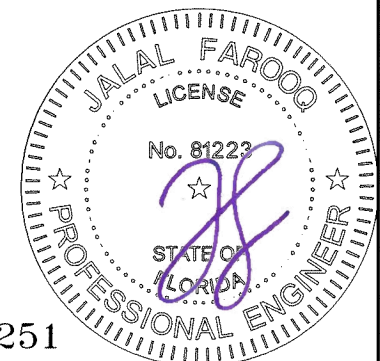
SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

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chk. by:		drawing no.	19-09F	sheet	7 of 13



Sealed: 7/25/2023



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(C.A.N. 3538)

SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

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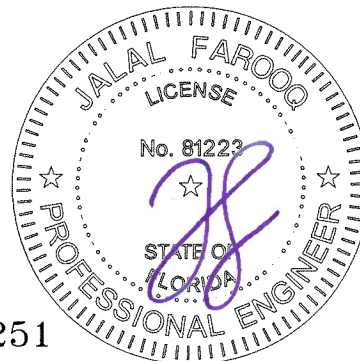
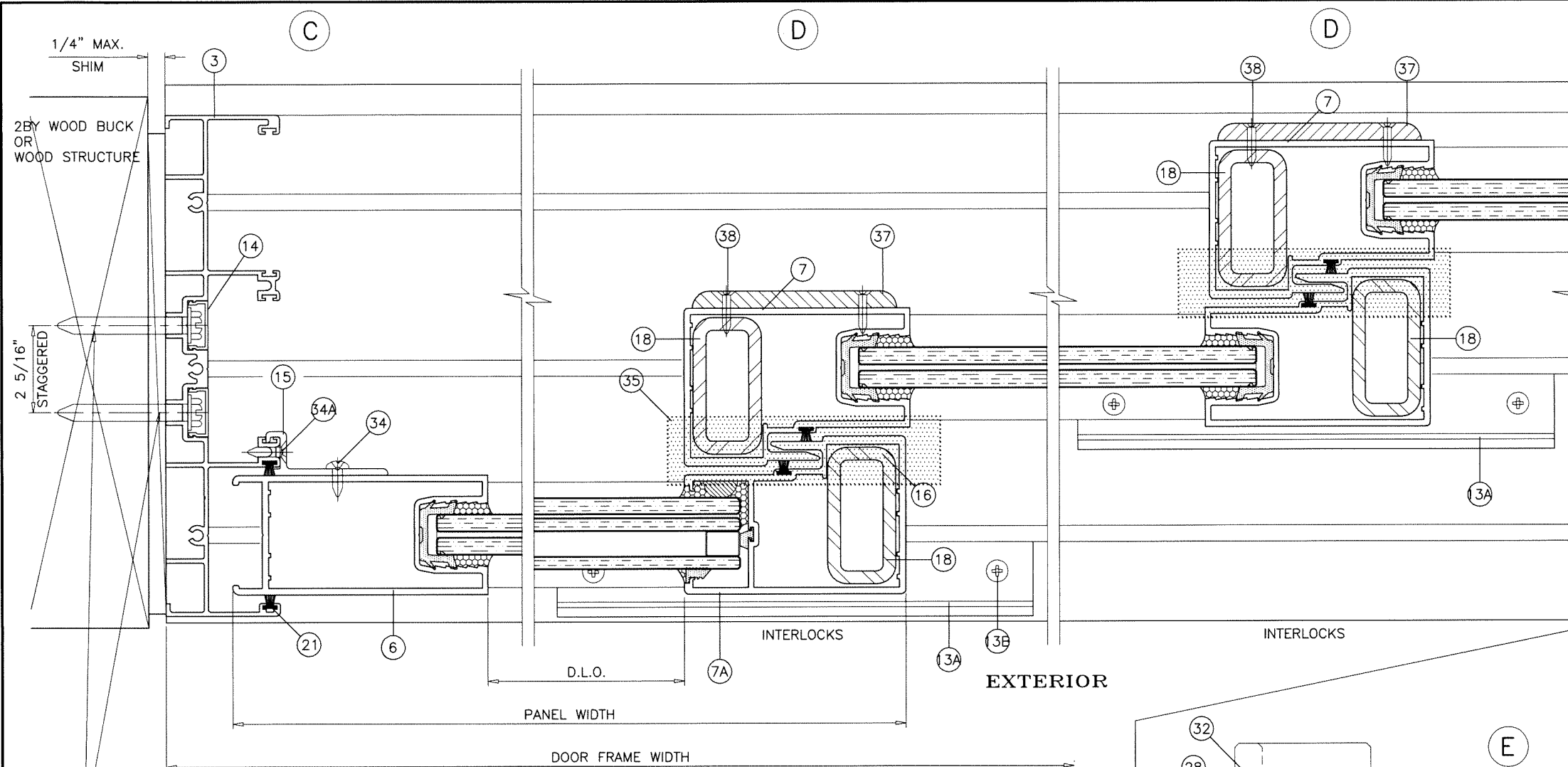
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drawing no.
19-09F

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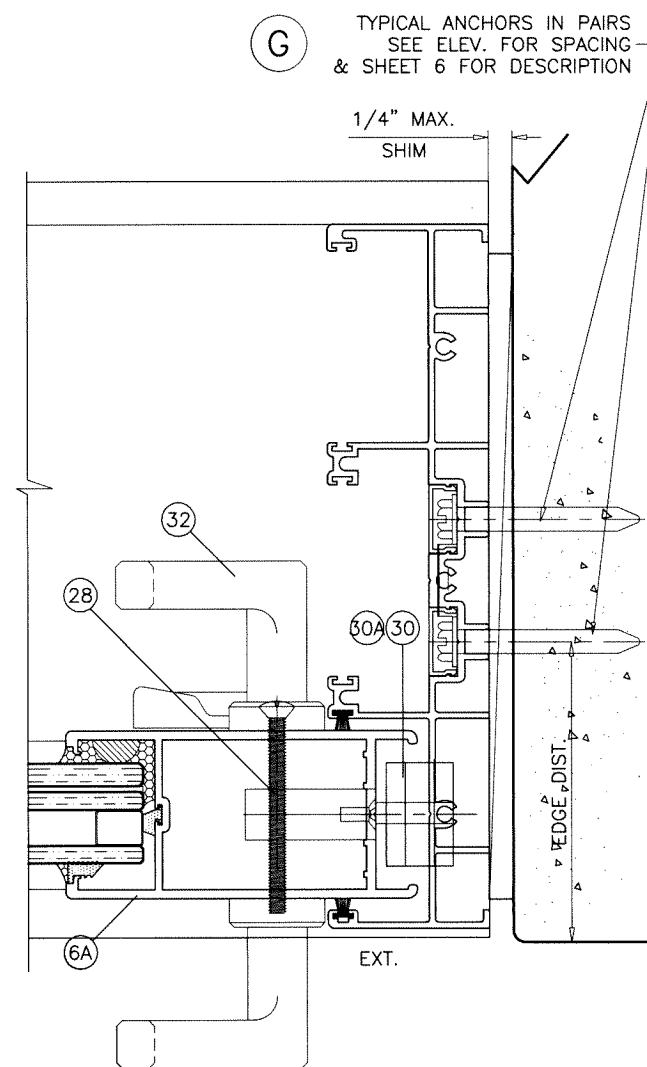
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sheet 9 of 13

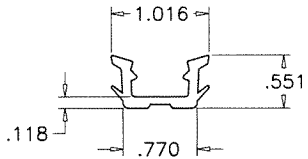


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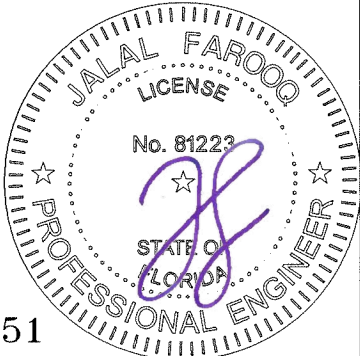
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-6000-408	1	FRAME HEAD	6005-T5	-
2	ES-6000-402	1	FRAME SILL	6005-T5	-
2A	ES-6028	1	SILL RISER	6063-T6	-
3	ES-6000-403	2	FRAME JAMB	6063-T6	-
4	ES-6000-040	2/ PANEL	TOP RAIL (LAM. GLASS)	6063-T6	-
4A	ES-6004	2/ PANEL	TOP RAIL (INSUL. LAM. GLASS)	6063-T6	-
5	ES-6000-041	2/ PANEL	BOTTOM RAIL (LAM. GLASS)	6063-T6	-
5A	ES-6005	2/ PANEL	BOTTOM RAIL (INSUL. LAM. GLASS)	6063-T6	-
6	ES-6000-042	AS REQD.	LOCK STILE (LAM. GLASS)	6063-T6	-
6A	ES-6006	AS REQD.	LOCK STILE (INSUL. LAM. GLASS)	6063-T6	-
7	ES-6000-043	AS REQD.	INTERLOCK (LAM. GLASS)	6063-T6	-
7A	ES-6007	AS REQD.	INTERLOCK (INSUL. LAM. GLASS)	6063-T6	-
8	ES-6000-044	AS REQD.	FEMALE ASTRAGAL (LAM. GLASS)	6063-T6	-
8A	ES-6008	AS REQD.	FEMALE ASTRAGAL (INSUL. LAM. GLASS)	6063-T6	-
9	ES-6500-G01A	4/ PANEL	GLAZING GASKET (LAM. GLASS)	SILICONE	DUROMETER 65±5 SHORE A, EXTRUSIONES S.A.
11	ES-6016	4/ PANEL	PANEL GUIDE (TOP ONLY)	CELCON	LOCATED AT PANEL ENDS
12	ES-6015	2/ PANEL	FIXED PANEL BOTTOM CLIP , 7" LONG MIN.	6063-T6	SECURE W/ (2) #8 X 3/4" FH SMS
13	ES-6010	2/ PANEL	RETAINER CLIP, 7" LONG AT SILL, 8" LONG HEAD	6005-T5	AT ASTRAGAL STILE HEAD & SILL ENDS
13A	ES-6000-405	2/ PANEL	RETAINER CLIP, 7" LONG AT SILL, 8" LONG AT HEAD	6005-T5	AT INTERLOCK STILES HEAD & SILL ENDS
13B	#10 X 3/4"	3/ CLIP	RETAINER CLIP FASTENERS	-	FH SELF DRILLING SCREWS
14	ES-6011	2/ JAMB	JAMB SCREW COVER	6063-T5	OPTIONAL
17	ES-6013	AS REQD.	ASTRAGAL STIFFENER (LENGTH = PANEL HT. - 2-3/8")	6063-T6	-
18	1" X 2" X 3/16"	AS REQD.	STEEL TUBE REINFORCING (LENGTH = PANEL HT. - 2-3/8")	A36 STEEL	TO BE PAINTED
21	W222521K	AS REQD.	STILE & JAMB W'STRIPPING	-	ULTRAFAB
22	W223221K	AS REQD.	TOP RAIL PILE W'STRIPPING	-	ULTRAFAB
23	ES-6027	AS REQD.	BOTTOM RAIL W'STRIPPING	EPDM	DUROMETER 75±4 SHORE A
24	#10 X 1-1/2" PH SMS	8/ PANEL	PANEL ASSY SCREWS	ST. STEEL	-
25	#10 X 1" PH SMS	2/ CORNER	FRAME ASSY SCREWS	ST. STEEL	-
26	GTT-354/460-A	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	PABOSE
27	1/4-20 X 1-3/4" PH MS	2/ ROLLER	ROLLER INST. SCREWS	ST. STEEL	-
28	191014	1/ MOV. PANEL	MULTI POINT MORTISE LOCK, AT 40" FROM BOTTOM	ST. STEEL	INTERLOCK (ASSA ABLOY)
29	#10-24 X 3/8" PH MS	2/ LOCK	LOCK INSTALLATION SCREW	ST. STEEL	-
30	191040	1/ LOCK	LOCK KEEPER (MULTI POINT LOCK), AT 48-1/2" FROM BOTTOM	ST. STEEL	INTERLOCK (ASSA ABLOY)
31	#10 X 5/8" PH SMS B	2/ LOCK	LOCK KEEPER MOUNT. SCREW (STD. LOCK)	ST. STEEL	-
31A	#8 X 3/4" FH SMS	4/ LOCK	LOCK KEEPER MOUNT. SCREW (MULTI POINT LOCK)	ST. STEEL	-
32	#623Z	1/ LOCK	INTERIOR AND EXTERIOR PULL	-	(3) #6-32 X 1/2" FH MS, ST. STEEL
35	-	AS REQD.	1"X4" LONG SELF ADHESIVE PILE PAD	WOOLPILE	AT HEAD AND SILL
37	ES-6019	AS REQD.	RESTRAINING PLATE	NYLON	AT TOP & BOTT. INTERLOCKS & ASTRAGAL
38	#8 X 3/4" FH SMS	2/ PLATE	RESTRAINING PLATE FASTENER	-	-
39	ES-3000-G01	AS REQD.	GLAZING WEDGE	SILICONE	DUROMETER 70±5 SHORE A
41	ES-4014	AS REQD.	BOTTOM RAIL GLASS STOP	EPDM	DUROMETER 68±4 SHORE A
42	ES-4018	AS REQD.	TOP RAIL & STILES GLASS STOP	EPDM	DUROMETER 75±4 SHORE A
43	ES-8011A	AS REQD.	BUMPER SPACER	SILICONE	DUROMETER 65±5 SHORE A
44	-	2/ LITE	SETTING BLOCK, 1" X 1/8" X 2-1/2" LONG	EPDM	DUROMETER 80±5 SHORE A
45	-	AS REQD.	REINFORCING BAR AT ASTRAGAL	STEEL	A36, Fu MIN. = 58 KSI
46	-	AS REQD.	1/4" X 1/4" GLAZING TAPE	FOAM	-



9 GLAZING GASKET
(LAMINATED GLASS)

BASE POLYMER = EPDM RUBBER
DENSITY = 10.26 Lbs/Gal
HARDNESS = 70±5
TENSILE STRENGTH = 905 PSI
ELONGATION AT BREAK = 273%
TEAR STRENGTH = 1.343 Kip/ft
BRITTLENESS TEMPERATURE = -40° F
COMPRESSION SET = 27% (22h@158°F)

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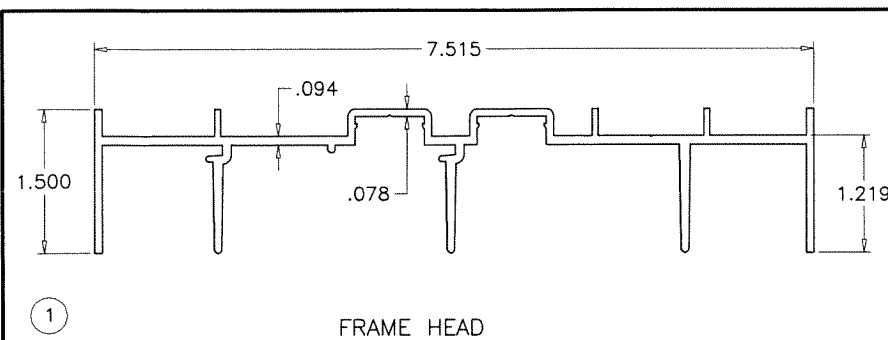
SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

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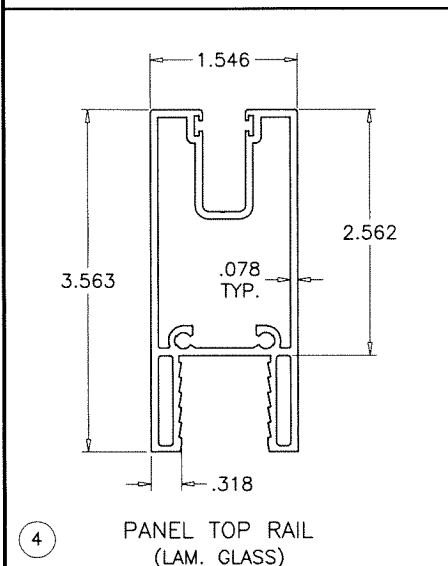
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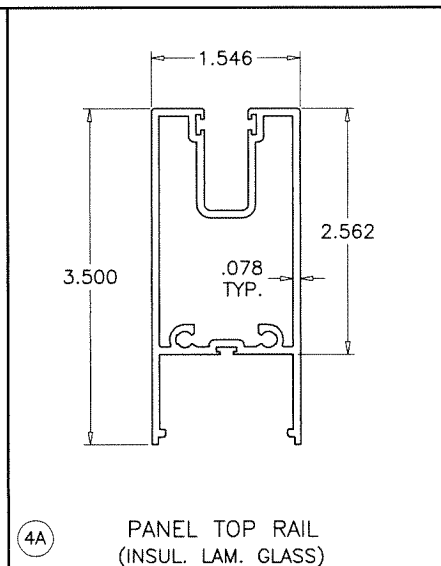
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19-09F
sheet 11 of 13



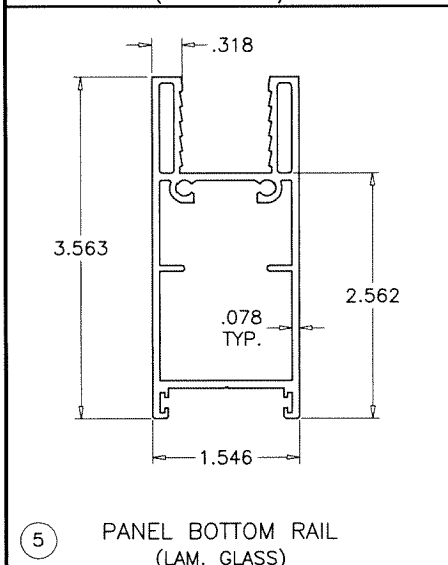
FRAME HEAD



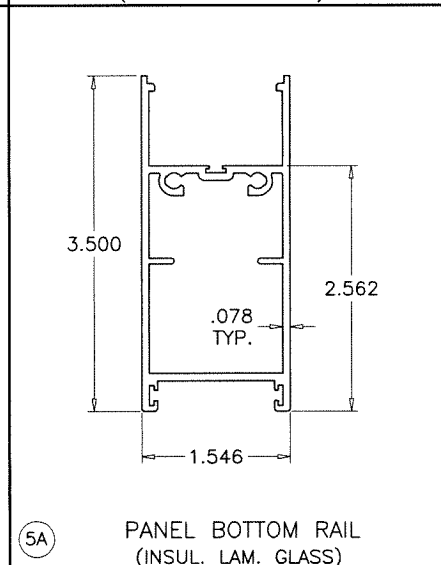
PANEL TOP RAIL
(LAM. GLASS)



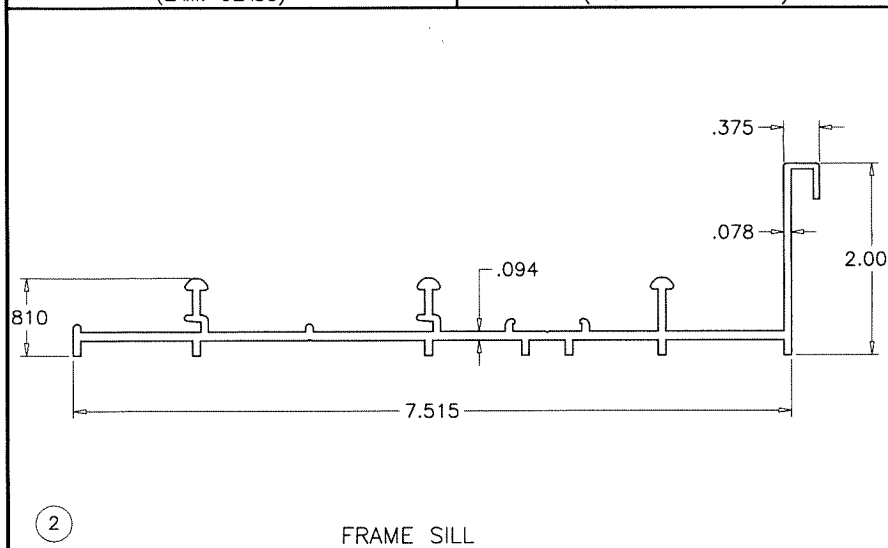
PANEL TOP RAIL
(INSUL. LAM. GLASS)



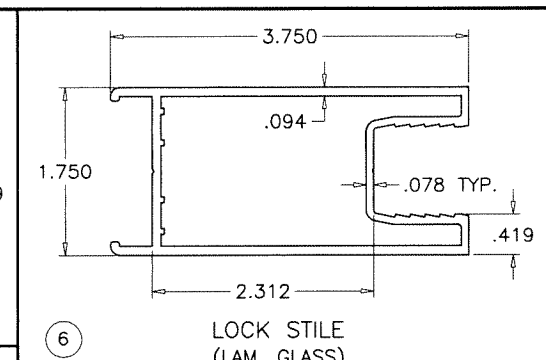
PANEL BOTTOM RAIL
(LAM. GLASS)



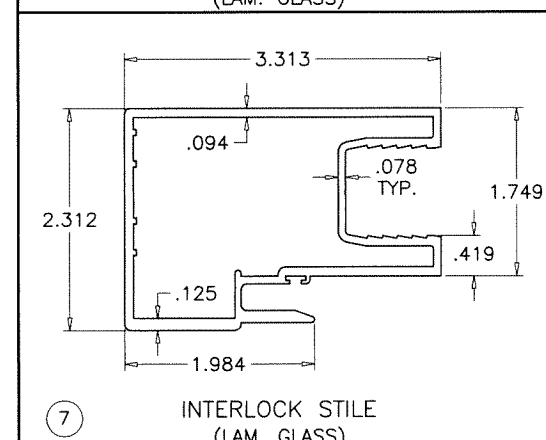
PANEL BOTTOM RAIL
(INSUL. LAM. GLASS)



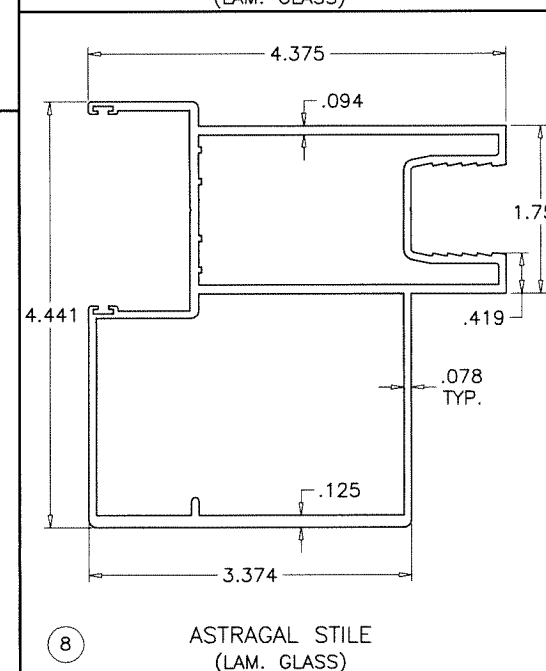
FRAME SILL



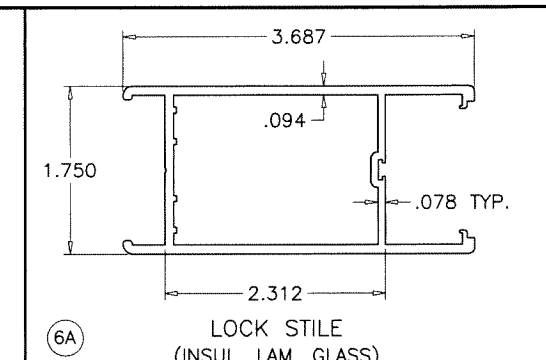
LOCK STILE
(LAM. GLASS)



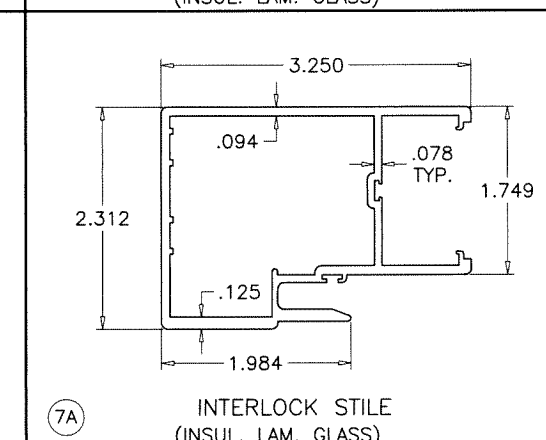
INTERLOCK STILE
(LAM. GLASS)



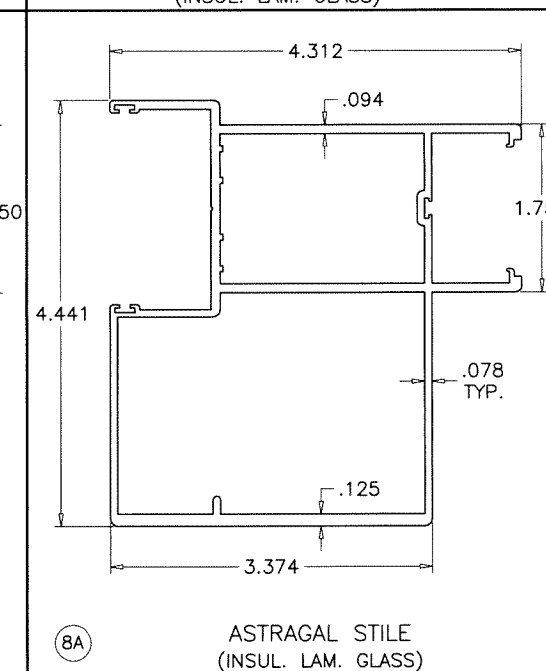
ASTRAGAL STILE
(LAM. GLASS)



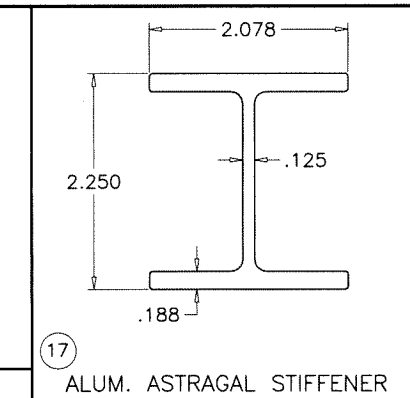
LOCK STILE
(INSUL. LAM. GLASS)



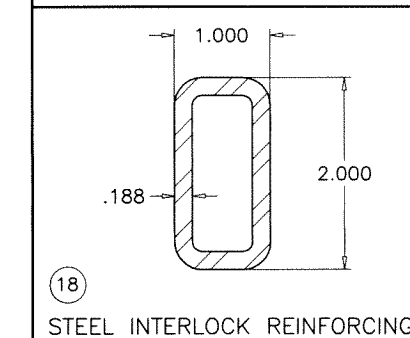
INTERLOCK STILE
(INSUL. LAM. GLASS)



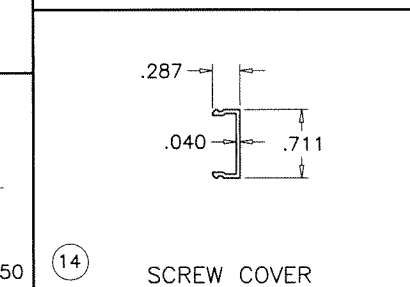
ASTRAGAL STILE
(INSUL. LAM. GLASS)



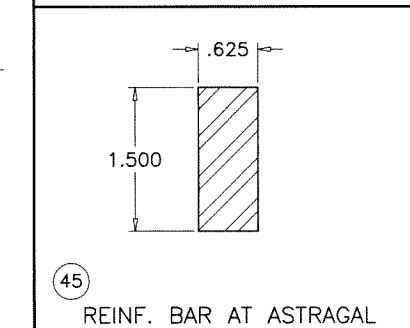
ALUM. ASTRAGAL STIFFENER



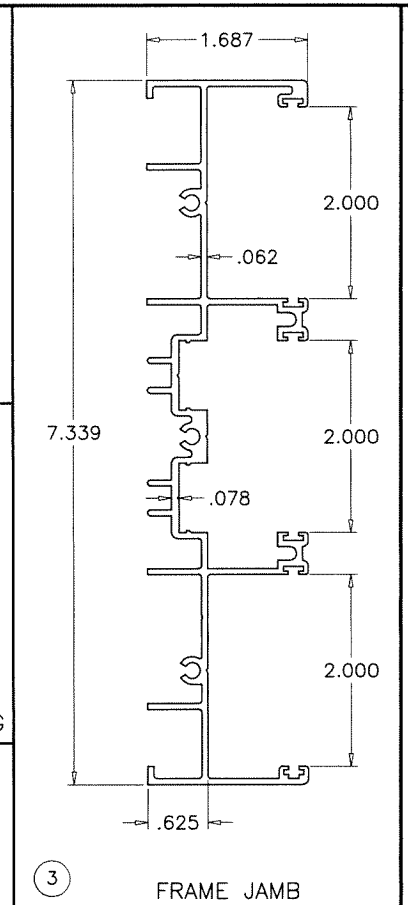
STEEL INTERLOCK REINFORCING



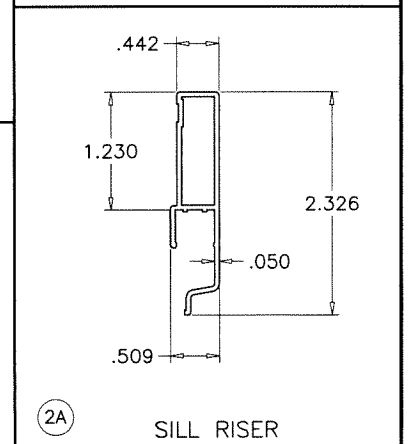
SCREW COVER



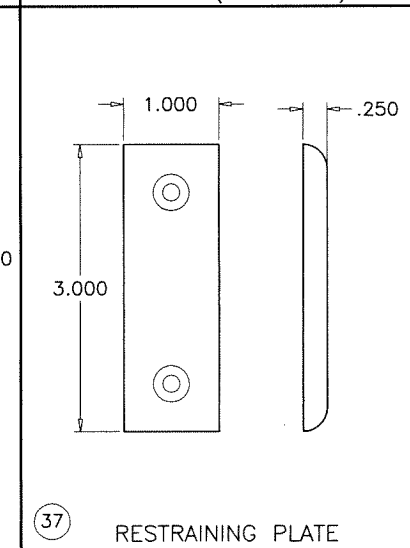
REINF. BAR AT ASTRAGAL



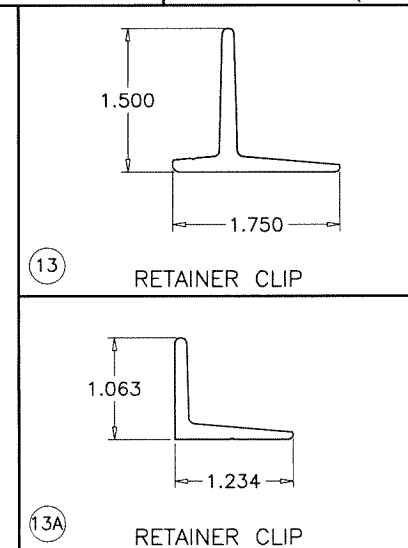
FRAME JAMB



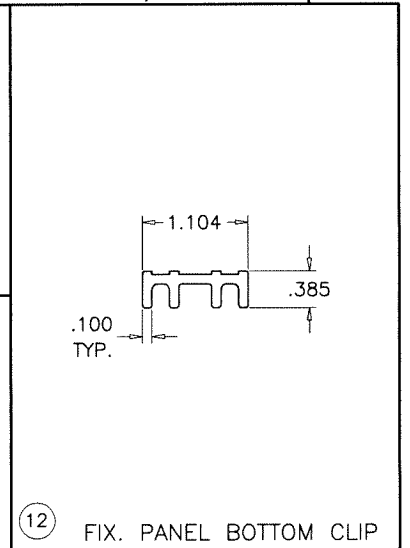
SILL RISER



RESTRAINING PLATE



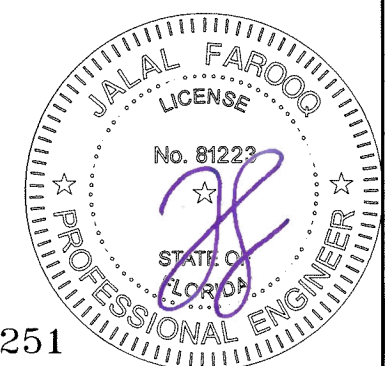
RETAINER CLIP



FIX. PANEL BOTTOM CLIP

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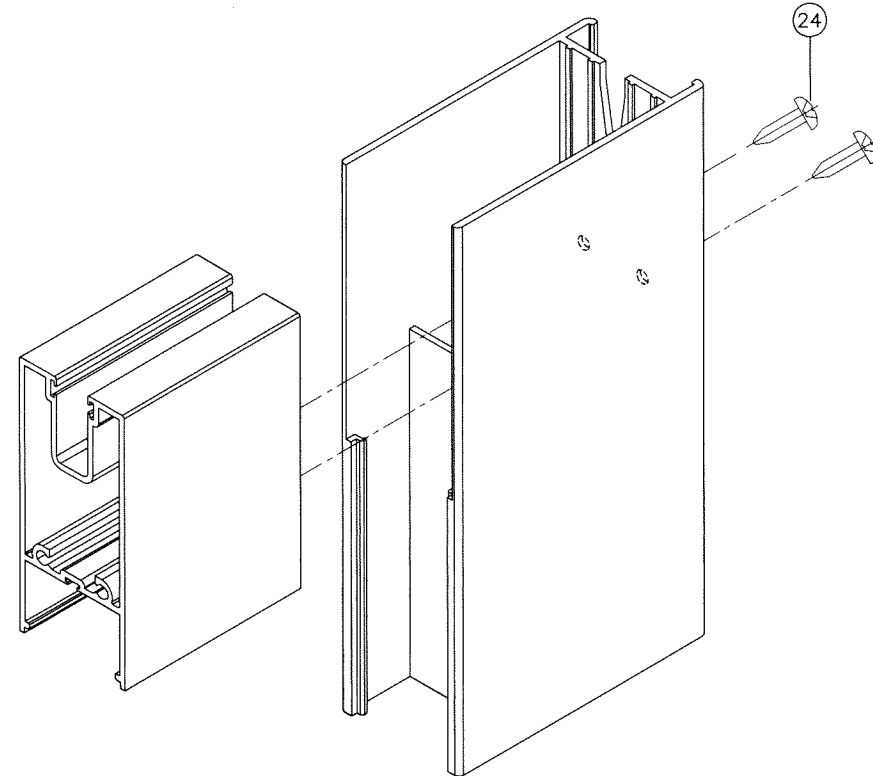
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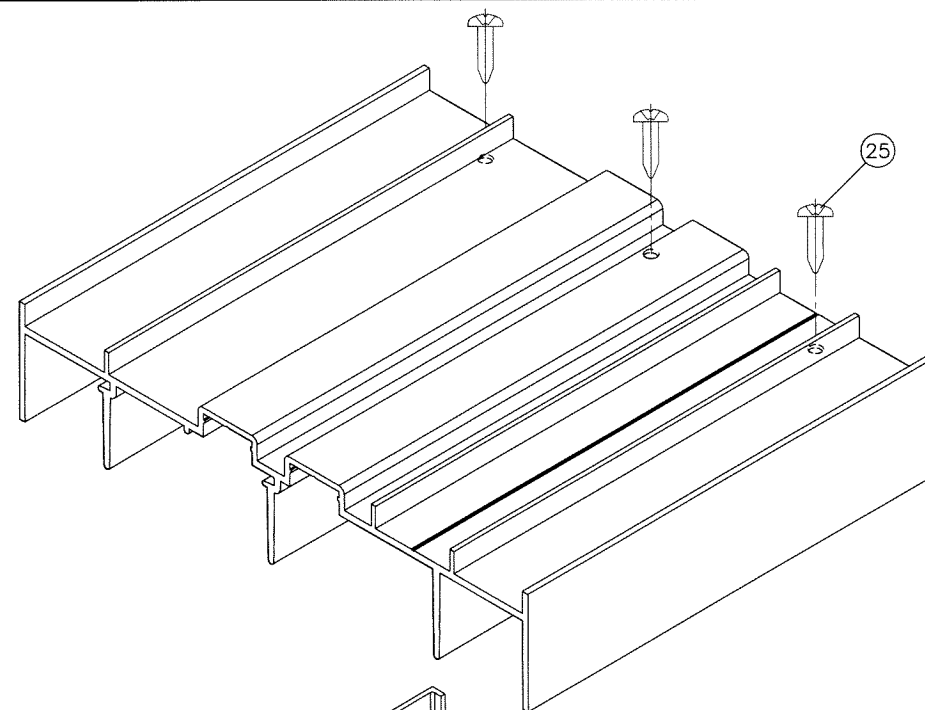
sheet 12 of 13

COMP-ANL 19-09F-ES

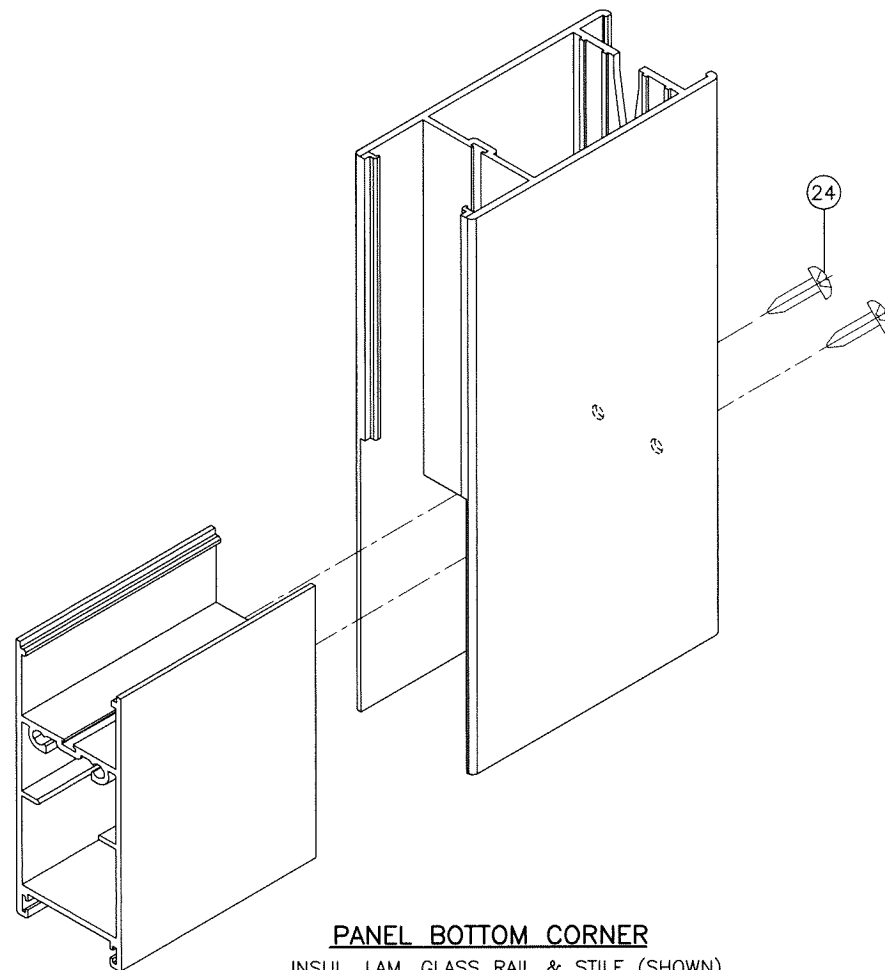


PANEL TOP CORNER

INSUL. LAM. GLASS RAIL & STILE (SHOWN)
LAM. GLASS RAIL & STILE (SIMILAR)

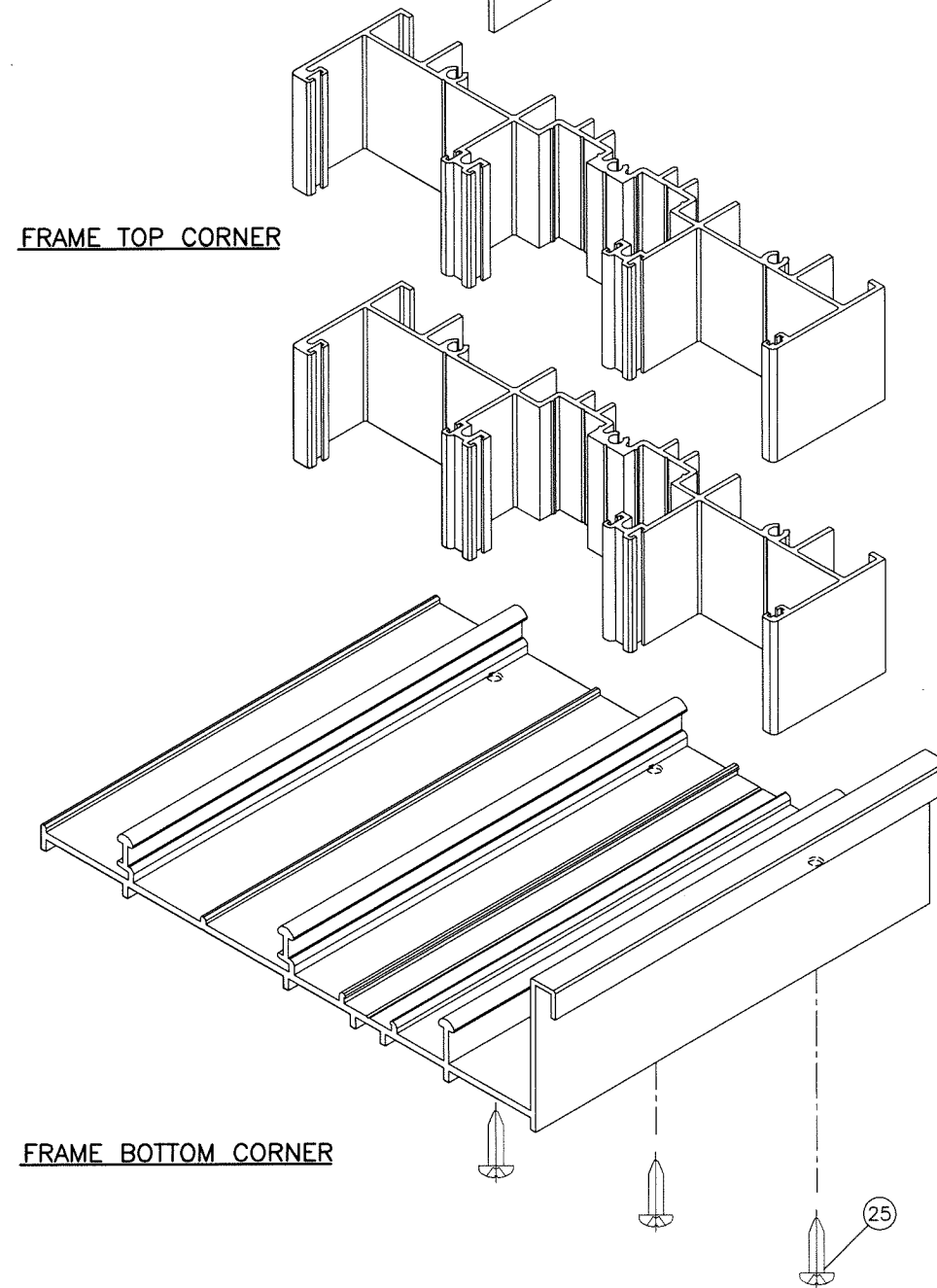


FRAME TOP CORNER



PANEL BOTTOM CORNER

INSUL. LAM. GLASS RAIL & STILE (SHOWN)
LAM. GLASS RAIL & STILE (SIMILAR)



FRAME BOTTOM CORNER

Sealed: 7/25/2023



FL #22251

SERIES-6000-3 TRACK ALUM SLIDING GL. DOOR (L.M.I.)

E.S. WINDOWS, LLC
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COMP-ANL\19-09F-ES

revisions:

	no	date	by	description
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date: 02-18-19

dr. by: TARIQ

chk. by:

drawing no.

19-09F

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