

SERIES-6100-3 TRACK ALUMINUM SLIDING GLASS DOOR

SEE SHEETS 4 THRU 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.

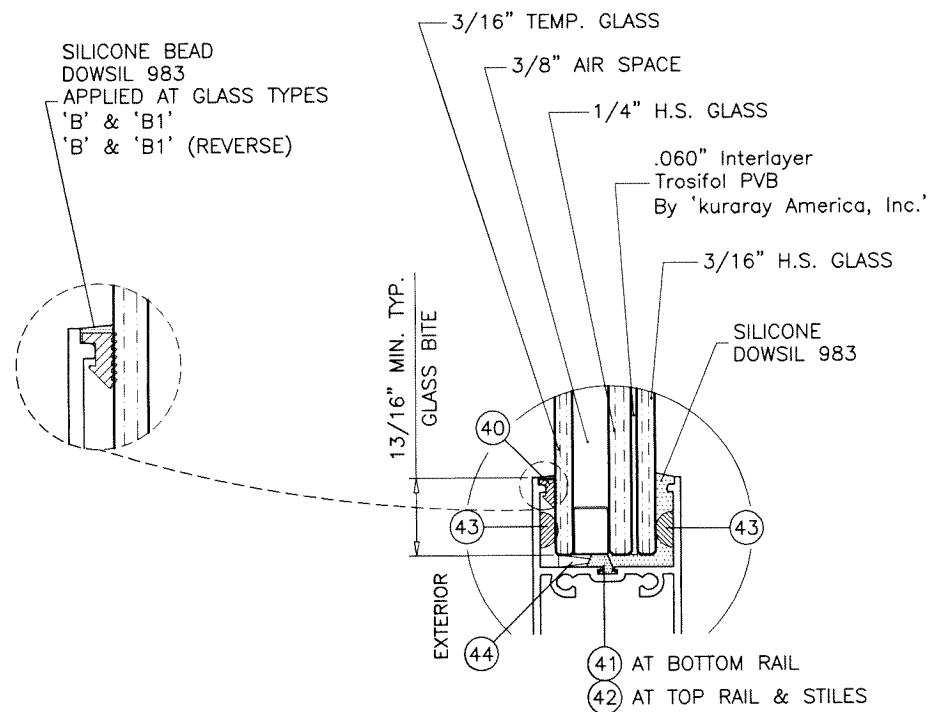
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.

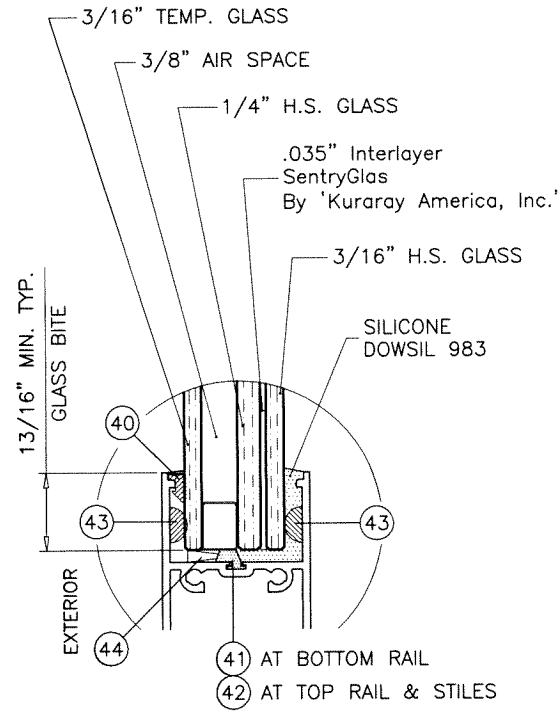
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

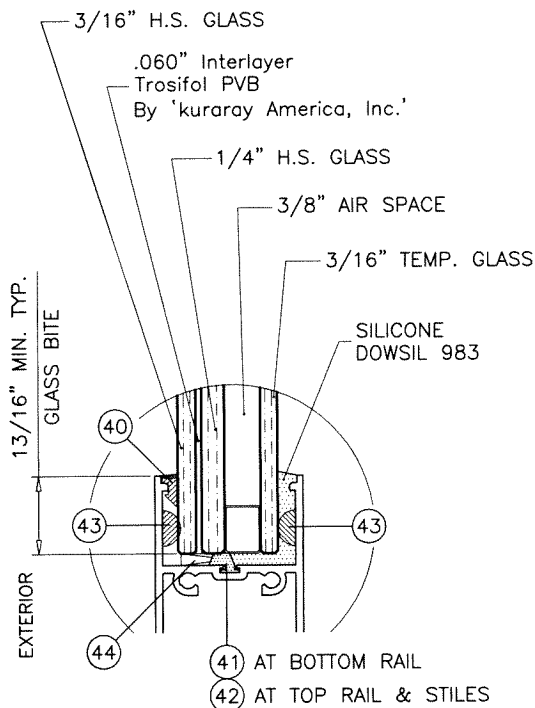
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.



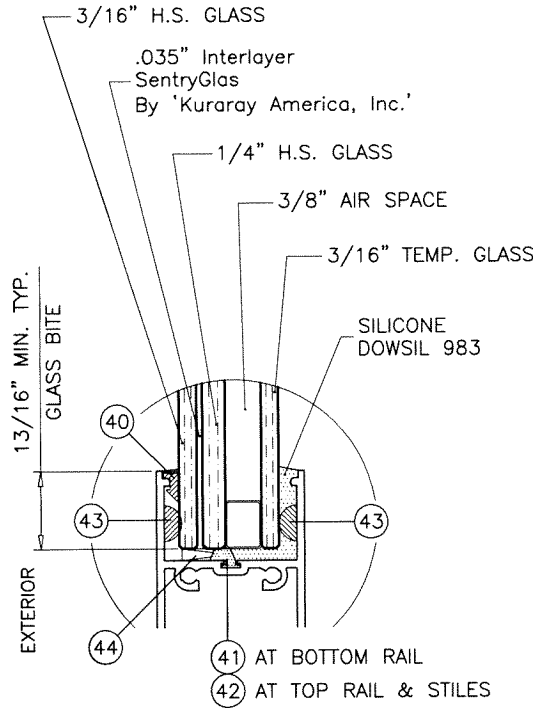
GLASS TYPE 'B'



GLASS TYPE 'B1'



GLASS TYPE 'B' (REVERSE)



GLASS TYPE 'B1' (REVERSE)

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

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT. F.B.C. APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

LAMINATED GLASS
INSUL. LAM. GLASS
WET GLAZED

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.

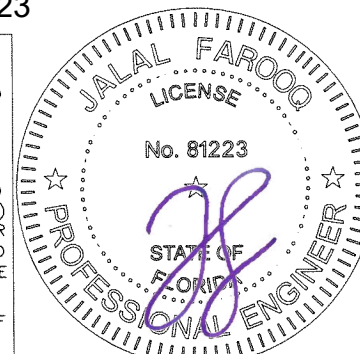
B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

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



SERIES-6100-3 TRACK ALUM SLIDING GL. DOOR (S.M.I.)

E.S. WINDOWS, LLC

3550 N.W. 49 STREET

MIAMI, FL. 33142

TEL. (305) 638-5151

FAX. (305) 638-5158

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

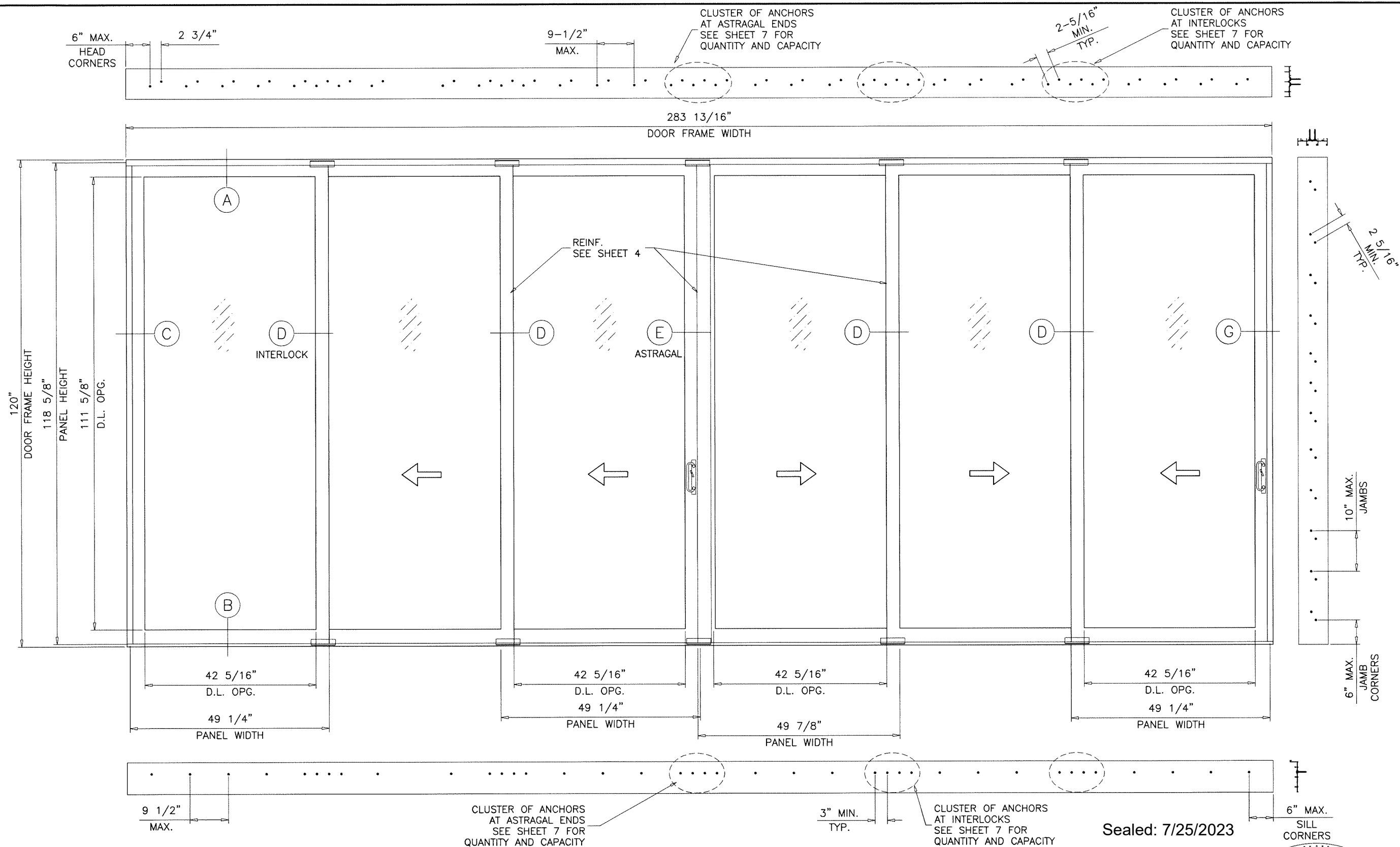
TEL. (305) 264-8100

FAX. (305) 262-6978

(C.A.N. 3538)

COMP-ANL 19-10F-ES

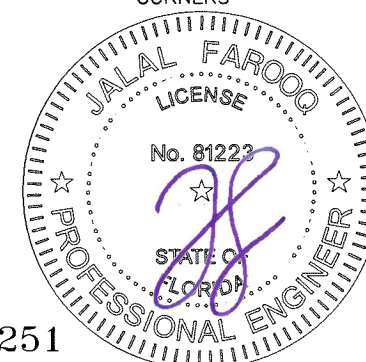
revisions:	no	date	by	description
	A	09.30.20		UPDATED TO 2020 FBC
	B	07.25.23		UPDATED TO 2023 FBC
date:	02-18-19			
scale:	-			
dr. by:	TARIQ			
chk. by:				
drawing no.	19-10F			
sheet	1 of 14			



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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SERIES-6100-3 TRACK ALUM SLIDING GL. DOOR (S.M.I.)

COMP-ANL 19-10F-ES

revisions:	
no	by description

date: 02-18-19

scale: -

dr. by: TARIQ

chk. by:

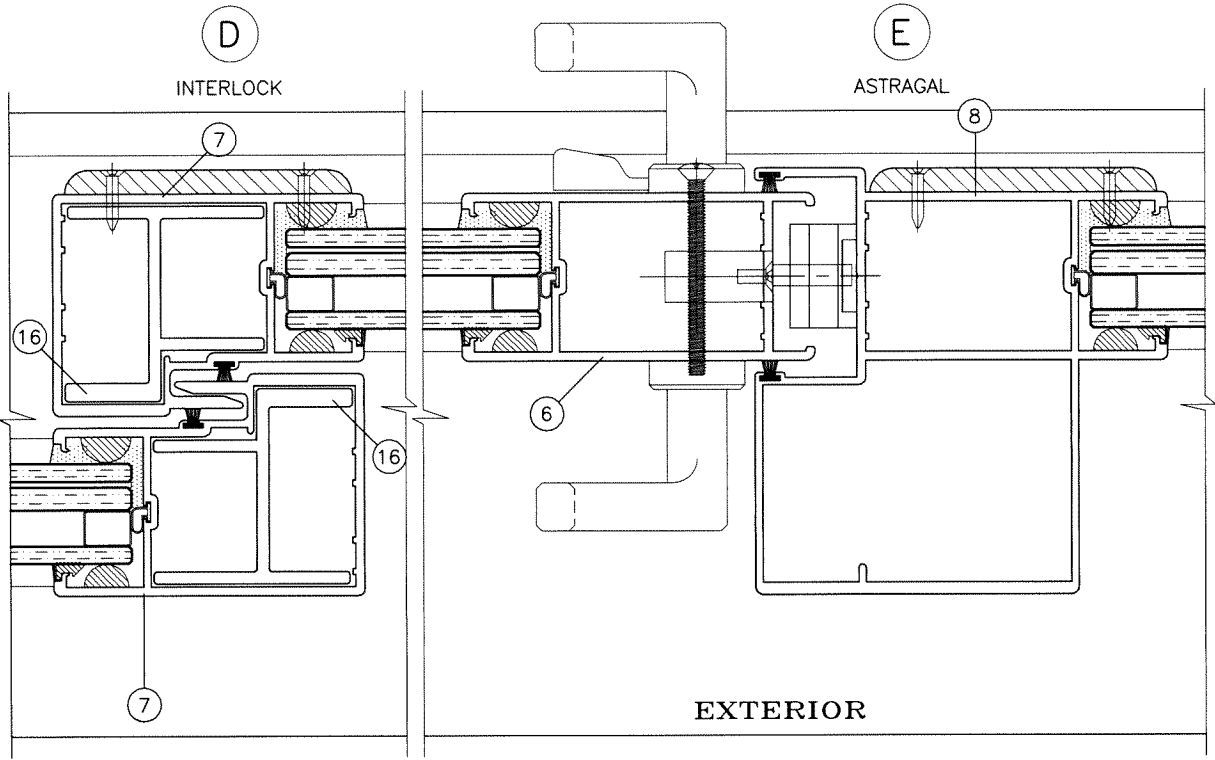
drawing no.
19-10F

sheet **2** of **14**

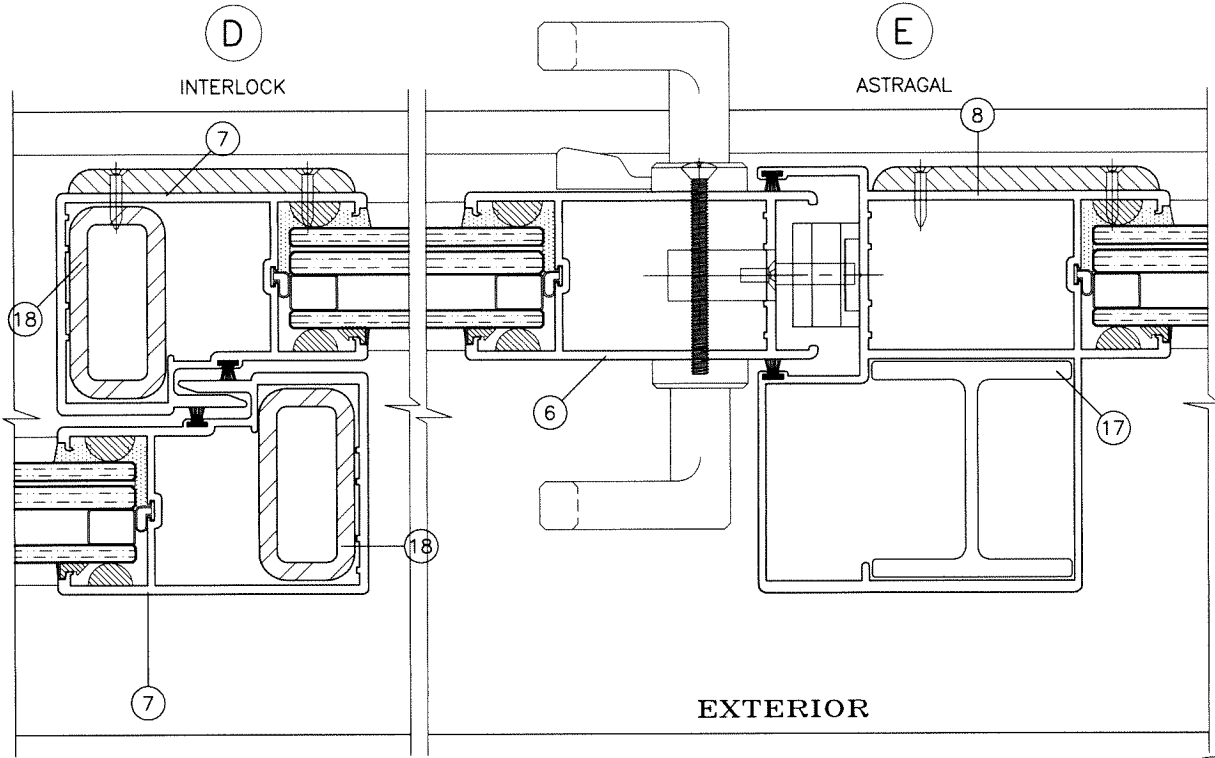
DESIGN LOAD CAPACITY - PSF GLASS TYPES 'B' & 'B1'					
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	REINF. LEVEL '1'		REINF. LEVEL '2'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30	82	85.0	110.0	85.0	110.0
36		85.0	110.0	85.0	110.0
42		85.0	110.0	85.0	110.0
44		85.0	110.0	85.0	110.0
48		85.0	110.0	85.0	110.0
54		-	-	85.0	110.0
60		-	-	85.0	100.0
30	96	85.0	110.0	85.0	110.0
36		85.0	110.0	85.0	110.0
42		-	-	85.0	110.0
44		-	-	85.0	110.0
48		-	-	85.0	110.0
54		-	-	85.0	110.0
60		-	-	85.0	100.0
30	102	85.0	110.0	85.0	110.0
36		85.0	110.0	85.0	110.0
42		-	-	85.0	110.0
44		-	-	85.0	110.0
48		-	-	85.0	110.0
54		-	-	85.0	110.0
30	108	85.0	110.0	85.0	110.0
36		85.0	110.0	85.0	110.0
42		-	-	85.0	110.0
44		-	-	85.0	110.0
48		-	-	85.0	110.0
54		-	-	85.0	110.0
30	114	-	-	85.0	110.0
36		-	-	85.0	110.0
42		-	-	85.0	110.0
44		-	-	85.0	110.0
48		-	-	85.0	110.0
54		-	-	85.0	110.0
30	120	-	-	85.0	110.0
36		-	-	85.0	110.0
42		-	-	85.0	110.0
44		-	-	85.0	110.0
48		-	-	85.0	110.0
54		-	-	85.0	110.0

SEE SHEET 1 FOR GLASS TYPES 'B' & 'B1'

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



REINFORCING LEVEL '1'
ALUMINUM REINFORCING AT INTERLOCK

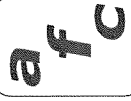


REINFORCING LEVEL '2'
STEEL REINFORCING AT INTERLOCK
ALUMINUM REINFORCING AT ASTRAGAL

Sealed: 7/25/2023



FL #22251



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COMP-ANL\19-10F-ES

SERIES-6100-3 TRACK ALUM SLIDING GL. DOOR (S.M.I.)

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

revisions:		date:	scale:	dr. by:	chk. by:
no	date	by	description		

date: 02-18-19

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

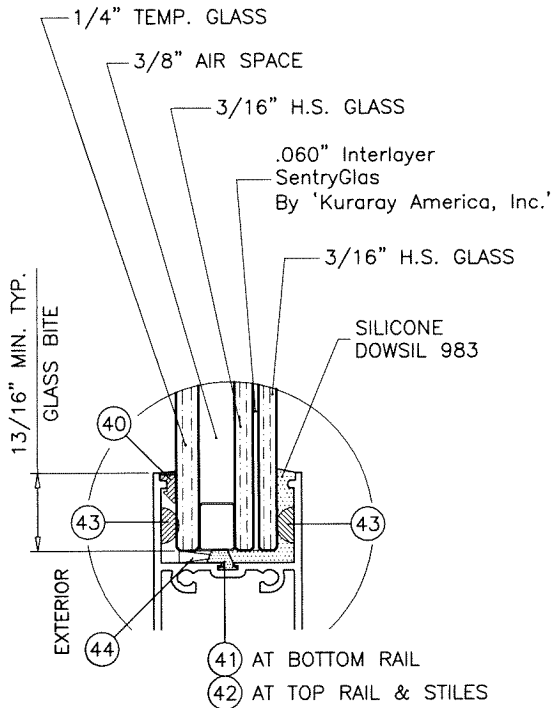
drawing no.

19-10F

sheet 4 of 14

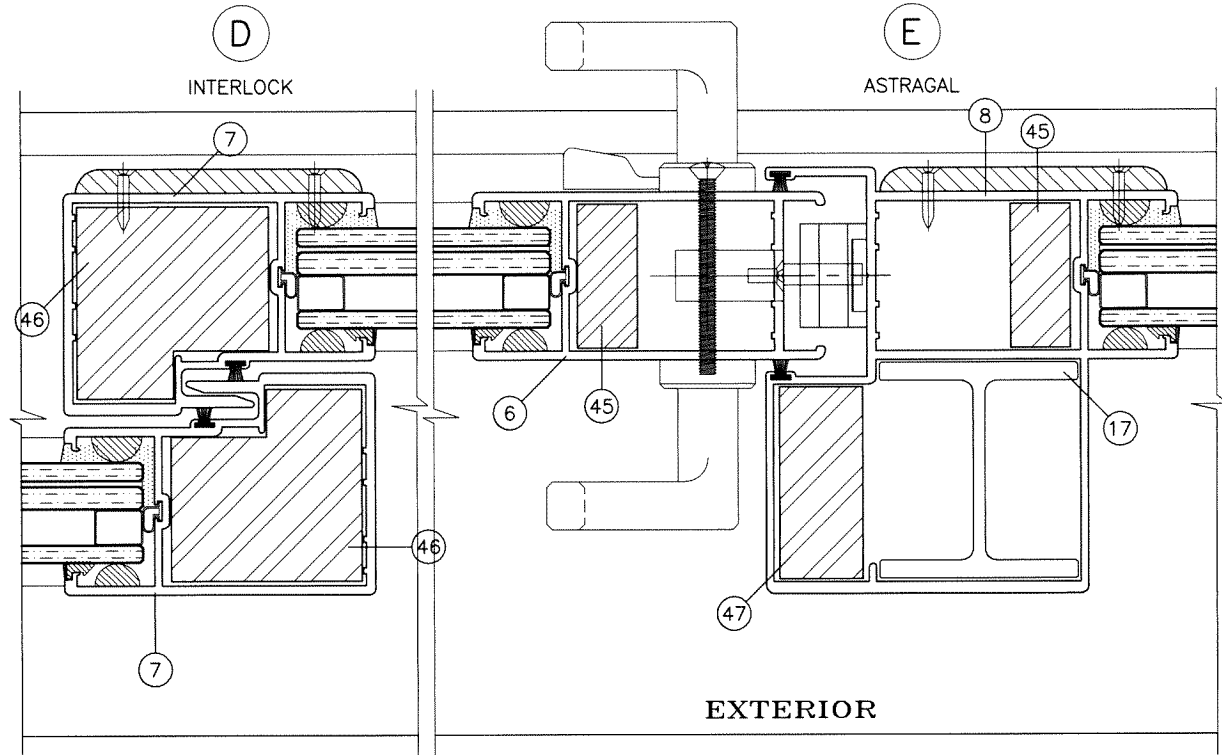
DESIGN LOAD CAPACITY - PSF GLASS TYPE 'D'			
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	REINF. LEVEL '4'	
		EXT. (+)	INT. (-)
30	82	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	96	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	102	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	108	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	114	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	120	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0

DESIGN LOAD CAPACITY - PSF GLASS TYPE 'D'			
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	REINF. LEVEL '4'	
		EXT. (+)	INT. (-)
30	126	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	132	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	138	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	142	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0
30	147	85.0	125.0
36		85.0	125.0
42		85.0	125.0
44		85.0	125.0
48		85.0	125.0
54		85.0	125.0
55		85.0	125.0
60		85.0	125.0



GLASS TYPE 'D'

GLAZING DETAIL



REINFORCING LEVEL '4'
STEEL REINFORCING AT INTERLOCK
ALUMINUM AND STEEL REINFORCING AT ASTRAGAL

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

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

Sealed: 7/25/2023



FL #22251

afcc
AL-FAROOQ CORPORATION
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revisions:	no	date	by	description

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

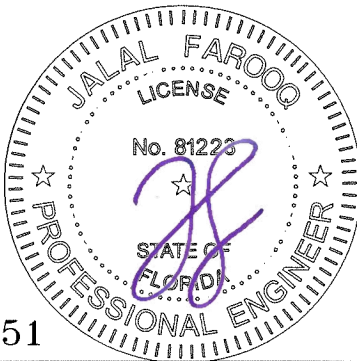
drawing no.	19-10F
sheet	6 of 14

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. STILE ENDS	7 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	7 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS
		INT. (-)	INT. (-)	INT. (-)	INT. (-)	INT. (-)
30	82	145.0	145.0	145.0	145.0	145.0
36		145.0	145.0	145.0	145.0	145.0
42		145.0	145.0	145.0	145.0	145.0
44		145.0	145.0	145.0	145.0	145.0
48		145.0	145.0	145.0	145.0	145.0
54		145.0	145.0	145.0	145.0	145.0
55		145.0	145.0	145.0	145.0	145.0
60		145.0	145.0	145.0	145.0	145.0
30	96	145.0	145.0	145.0	145.0	145.0
36		145.0	145.0	145.0	145.0	145.0
42		145.0	145.0	145.0	145.0	145.0
44		141.3	145.0	145.0	145.0	145.0
48		145.0	145.0	145.0	145.0	145.0
54		129.5	143.9	145.0	145.0	145.0
55		141.3	145.0	145.0	145.0	145.0
60		129.5	142.5	145.0	145.0	145.0
30	102	145.0	145.0	145.0	145.0	145.0
36		145.0	145.0	145.0	145.0	145.0
42		139.3	145.0	145.0	145.0	145.0
44		133.0	145.0	145.0	145.0	145.0
48		137.1	145.0	145.0	145.0	145.0
54		121.9	135.4	143.4	145.0	145.0
55		133.0	145.0	145.0	145.0	145.0
60		121.9	134.1	143.4	145.0	145.0
30	108	145.0	145.0	145.0	145.0	145.0
36		145.0	145.0	145.0	145.0	145.0
42		131.6	145.0	145.0	145.0	145.0
44		125.6	141.3	145.0	145.0	145.0
48		129.5	143.9	145.0	145.0	145.0
54		115.1	127.9	135.5	145.0	140.0
55		125.6	138.1	145.0	145.0	145.0
60		115.1	126.6	135.5	145.0	145.0
30	114	145.0	145.0	145.0	145.0	145.0
36		145.0	145.0	145.0	145.0	145.0
42		125.0	140.0	145.0	145.0	145.0
44		119.0	134.0	140.0	145.0	145.0
48		123.0	136.0	144.0	145.0	145.0
54		109.0	121.0	128.0	143.0	140.0
55		119.0	131.0	140.0	145.0	145.0
60		109.0	120.0	128.0	141.0	140.0
30	120	145.0	145.0	145.0	145.0	145.0
36		138.0	145.0	145.0	145.0	145.0
42		118.0	133.0	139.0	145.0	145.0
44		113.0	127.0	133.0	145.0	145.0
48		117.0	130.0	137.0	145.0	145.0
54		104.0	115.0	122.0	135.0	133.0
55		113.0	124.0	133.0	145.0	145.0
60		104.0	114.0	122.0	134.0	133.0

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. STILE ENDS	7 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS	7 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS
		INT. (-)	INT. (-)	INT. (-)	INT. (-)	INT. (-)
30	126	138.0	145.0	145.0	145.0	145.0
36		132.0	145.0	145.0	145.0	145.0
42		113.0	127.0	133.0	145.0	145.0
44		108.0	121.0	127.0	143.0	138.0
48		111.0	123.0	131.0	145.0	142.0
54		99.0	110.0	116.0	129.0	126.0
55		108.0	118.0	127.0	139.0	138.0
60		99.0	109.0	116.0	128.0	126.0
30	132	132.0	145.0	145.0	145.0	145.0
36		126.0	141.0	145.0	145.0	145.0
42		108.0	121.0	127.0	143.0	138.0
44		103.0	116.0	121.0	136.0	132.0
48		106.0	118.0	125.0	139.0	136.0
54		94.0	105.0	111.0	123.0	121.0
55		92.0	103.0	109.0	121.0	119.0
60		94.0	104.0	111.0	122.0	121.0
30	138	126.0	144.0	145.0	145.0	145.0
36		120.0	135.0	141.0	145.0	145.0
42		103.0	116.0	121.0	136.0	132.0
44		98.0	111.0	116.0	130.0	126.0
48		101.0	113.0	119.0	133.0	130.0
54		90.0	100.0	106.0	118.0	115.0
55		98.0	108.0	116.0	127.0	126.0
30	142	123.0	140.0	144.0	145.0	145.0
36		117.0	131.0	137.0	145.0	145.0
42		100.0	113.0	118.0	132.0	128.0
44		96.0	107.0	112.0	126.0	122.0
48		98.0	109.0	116.0	129.0	126.0
54		88.0	97.0	103.0	114.0	112.0
55		96.0	105.0	112.0	124.0	122.0
30	147	118.0	135.0	139.0	145.0	145.0
36		113.0	127.0	133.0	145.0	145.0
42		97.0	109.0	114.0	128.0	124.0
44		92.0	104.0	109.0	122.0	118.0
48		95.0	106.0	112.0	124.0	122.0
54		85.0	94.0	100.0	111.0	108.0
55		92.0	101.0	109.0	119.0	118.0
EXT.(+) Dp = 85 PSF MAX.						

SILL ANCHOR LOAD CAPACITY - PSF				
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	ANCHOR TYPE 'B'		
		4 ANCHORS AT MTG. STILE ENDS	5 ANCHORS AT MTG. STILE ENDS	
		INT. (-)	INT. (-)	
30	82	145.0	145.0	
36		145.0	145.0	
42		145.0	145.0	
44		145.0	145.0	
48		145.0	145.0	
54		145.0	145.0	
55		145.0	145.0	
60		145.0	145.0	
30	96	145.0	145.0	
36		145.0	145.0	
42		145.0	145.0	
44		145.0	145.0	
48		145.0	145.0	
54		145.0	145.0	
55		144.9	145.0	
60		145.0	145.0	
30	102	145.0	145.0	
36		145.0	145.0	
42		145.0	145.0	
44		145.0	145.0	
48		145.0	145.0	
54		138.9	145.0	
55		136.4	145.0	
60		141.0	145.0	
30	108	145.0	145.0	
36		145.0	145.0	
42		145.0	145.0	
44		140.8	145.0	
48		145.0	145.0	
54		131.2	145.0	
55		128.8	145.0	
60		132.8	145.0	
30	114	145.0	145.0	
36		140.0	145.0	
42		140.0	145.0	
44		133.0	145.0	
48		140.0	145.0	
54		124.0	145.0	
55		122.0	145.0	
60		126.0	145.0	
30	120	145.0	145.0	
36		133.0	145.0	
42		133.0	145.0	
44		127.0	145.0	
48		133.0	145.0	
54		118.0	142.0	
55		116.0	139.0	
60		120.0	142.0	

SILL ANCHOR LOAD CAPACITY - PSF				
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	ANCHOR TYPE 'B'		
		4 ANCHORS AT MTG. STILE ENDS	5 ANCHORS AT MTG. STILE ENDS	
		INT. (-)	INT. (-)	
30	126	145.0	145.0	
36		126.0	145.0	
42		126.0	145.0	
44		121.0	145.0	
48		126.0	145.0	
54		112.0	135.0	
55		110.0	133.0	
60		114.0	135.0	
30	132	145.0	145.0	
36		121.0	145.0	
42		121.0	145.0	
44		115.0	141.0	
48		121.0	145.0	
54		107.0	129.0	
55		92.0	113.0	
60		97.0	116.0	
30	138	139.0	145.0	
36		115.0	144.0	
42		115.0	141.0	
44		110.0	135.0	
48		115.0	139.0	
54		103.0	123.0	
55		101.0	121.0	
30	142	135.0	145.0	
36		112.0	140.0	
42		112.0	137.0	
44		107.0	131.0	
48		112.0	135.0	
54		100.0	120.0	
55		98.0	118.0	
30	147	130.0	145.0	
36		108.0	135.0	
42		108.0	132.0	
44		103.0	126.0	
48		108.0	130.0	
54		96.0	116.0	
55		95.0	114.0	



FL #22251

NOTE:
SEE SHEETS 4 THRU 6 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 OR SILL ANCHOR CHARTS
WILL APPLY TO ENTIRE SYSTEM.

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-6100-3 TRACK ALUM SLIDING GL. DOOR (S.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

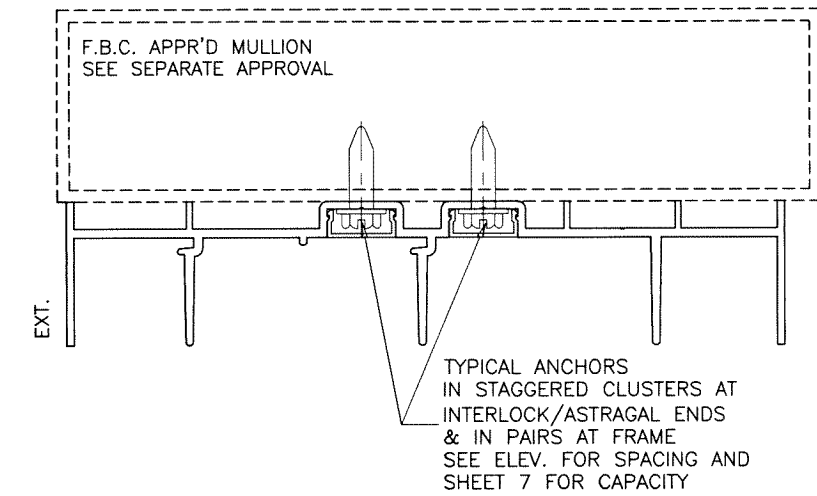
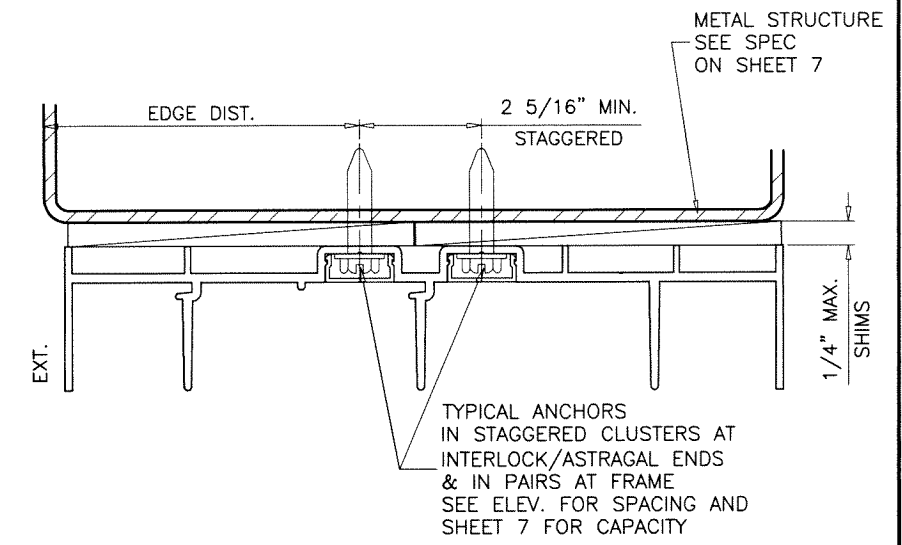
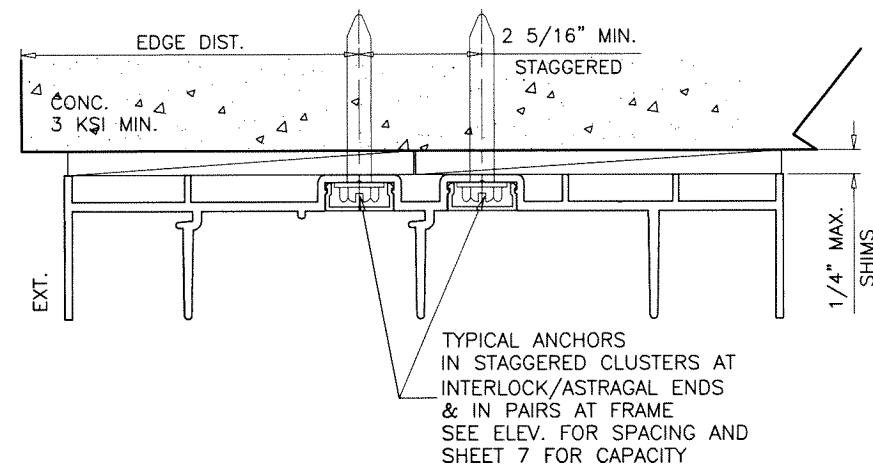
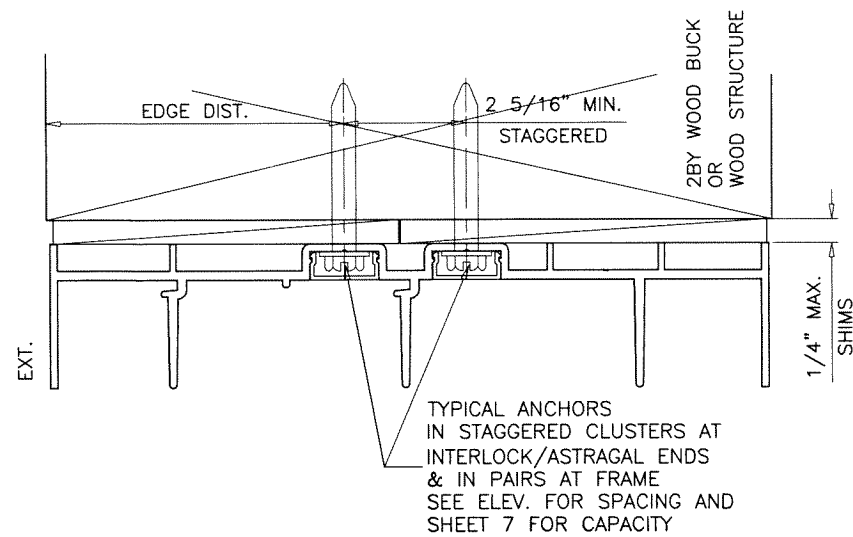
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chk. by:

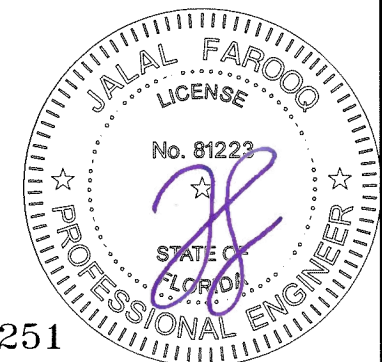
drawing no. **19-10F**

sheet 7 of 14



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY 'E.S. WINDOWS'
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

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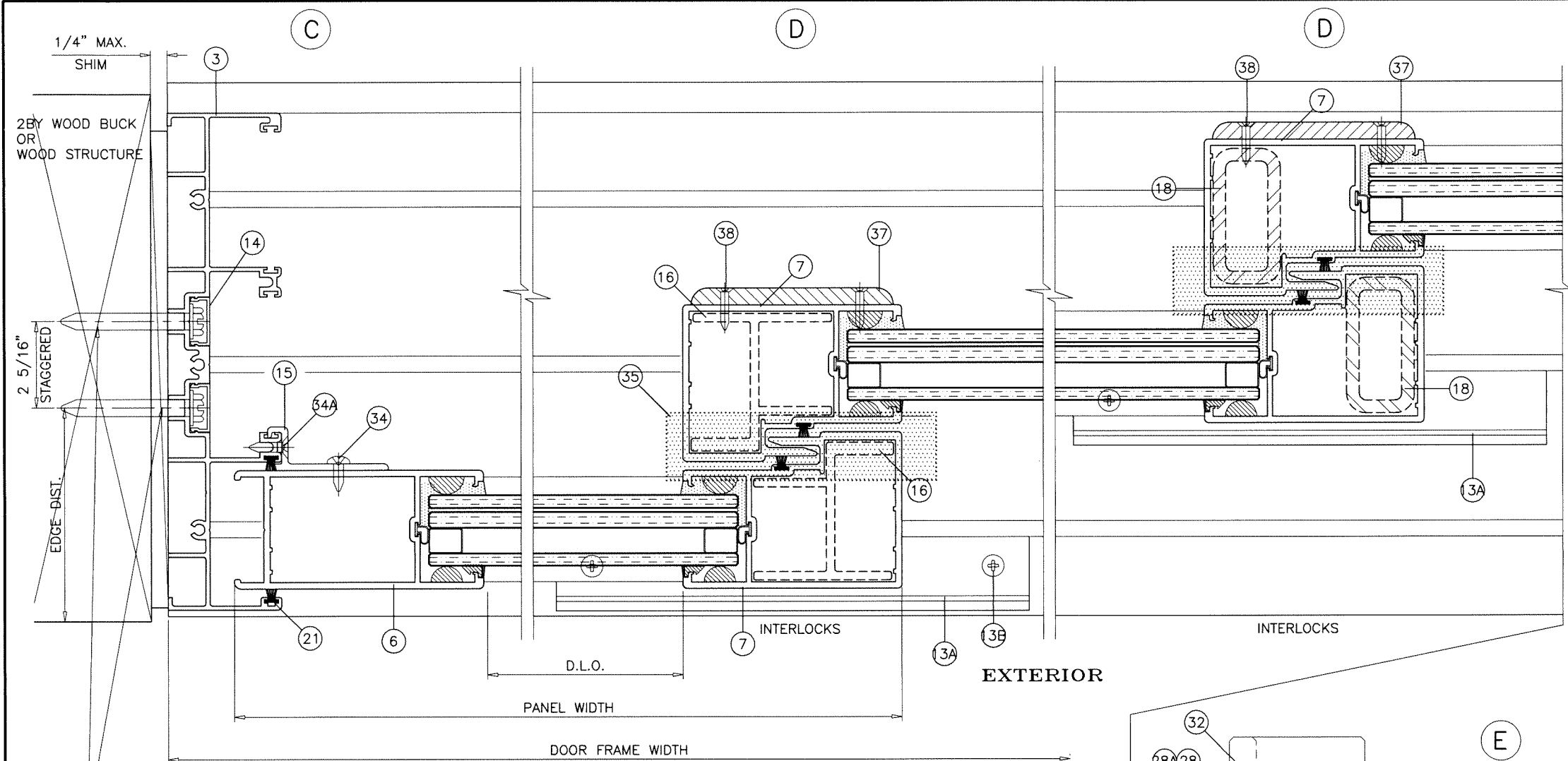
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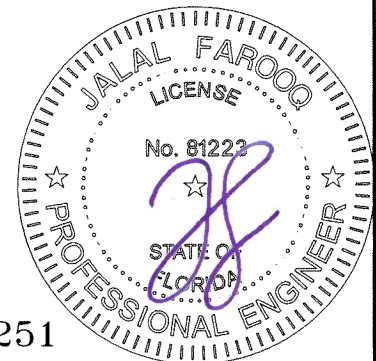
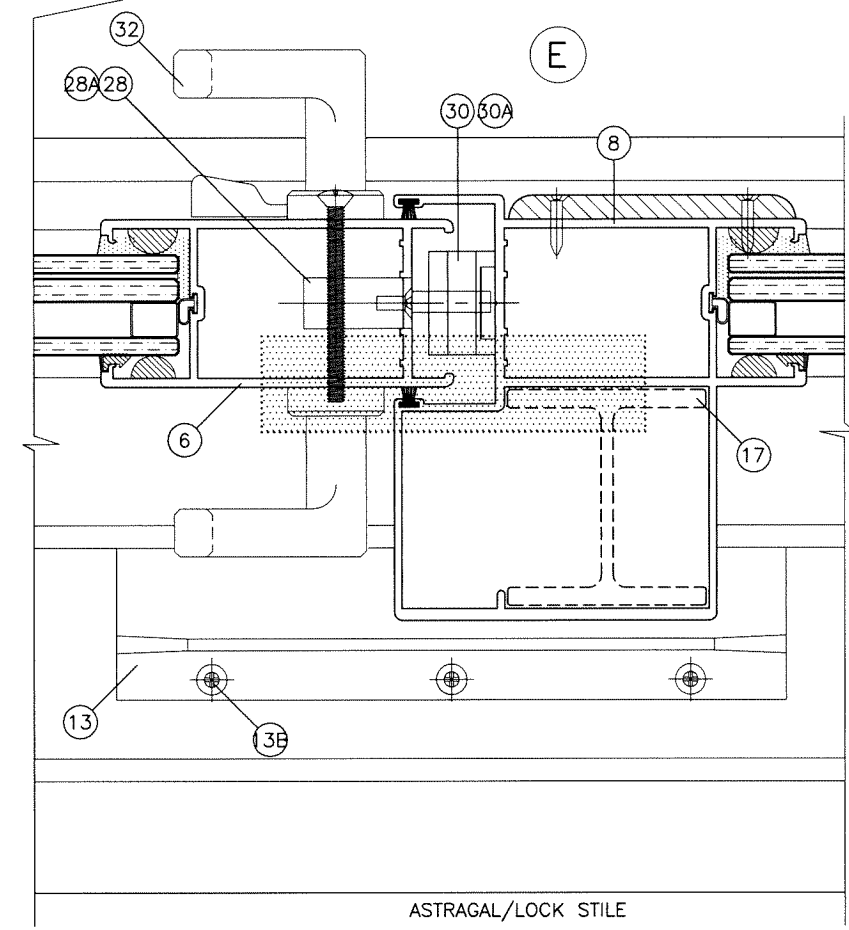
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3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX

date: 02-18-19	revisions:	
scale: 1/2" = 1"	no	date
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chk. by:		
drawing no. 19-10F		
sheet 9 of 14		



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING
ALSO SEE SHEET 7

ALUMINUM AND STEEL REINFORCING AT INTERLOCK AND ASTRAGAL STILES
SHOWN FOR ILLUSTRATION ONLY.
USE AS SHOWN ON SHEETS 4 THRU 6.
SEE CHARTS FOR REINFORCING OPTIONS LOAD CAPACITY, INCLUDING GLASS OPTIONS.
SEE ELEVATION FOR ANCHOR SPACING AND SHEET 7 FOR ANCHOR CAPACITY.



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COMP-ANL 19-10F-ES

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no	date		

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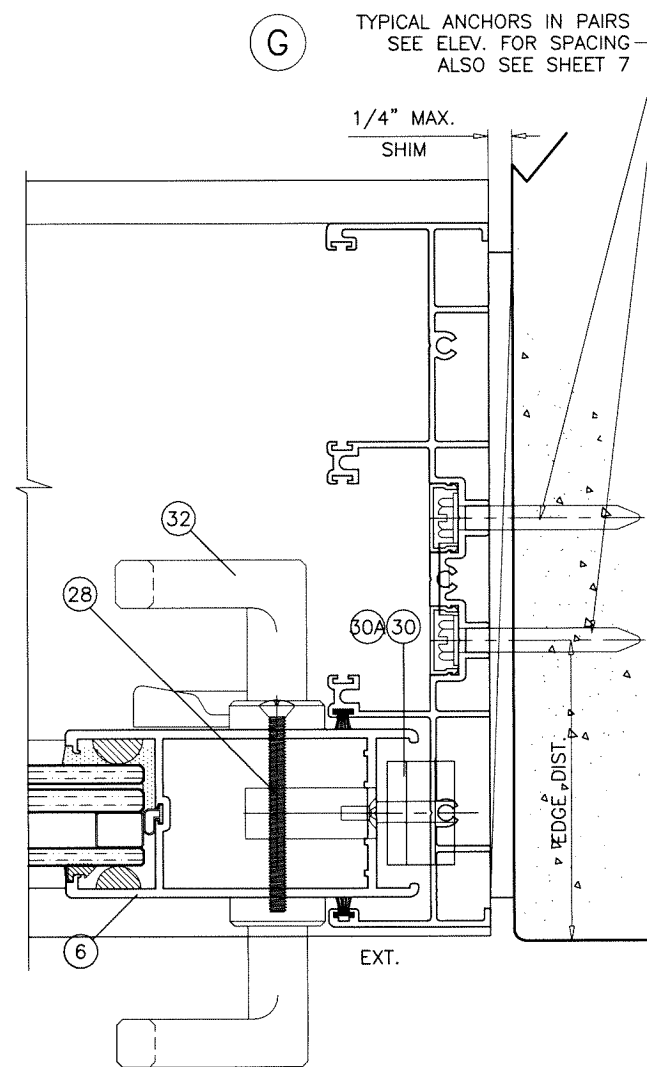
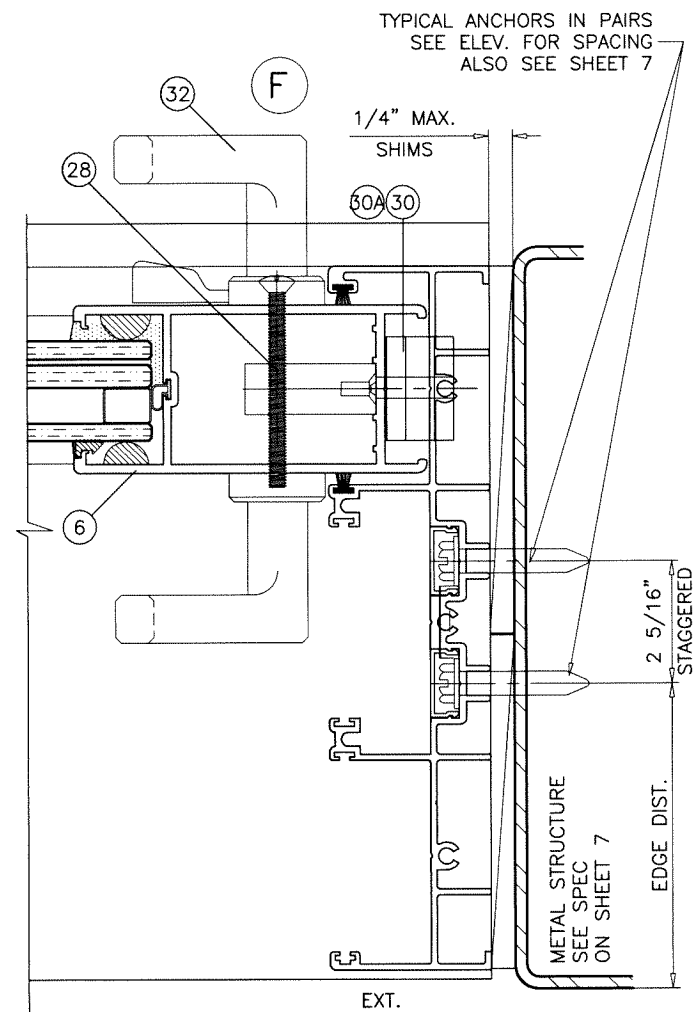
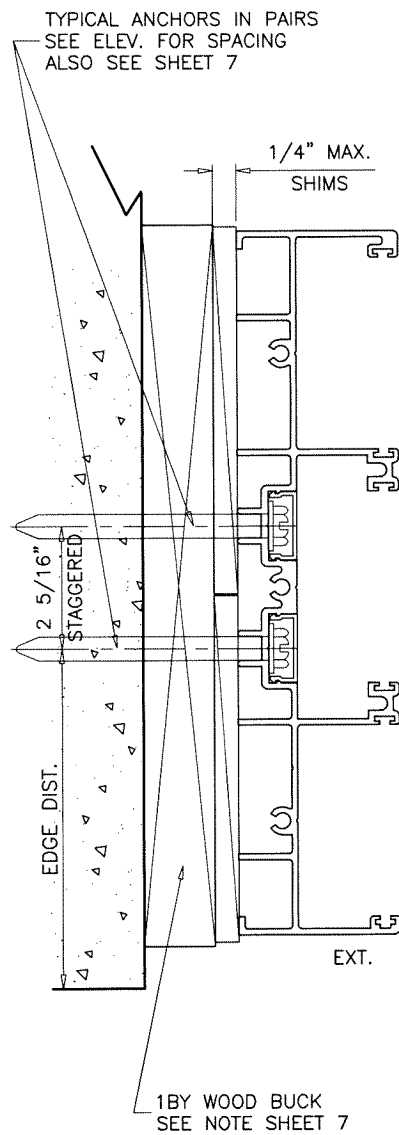
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chk. by:

drawing no.

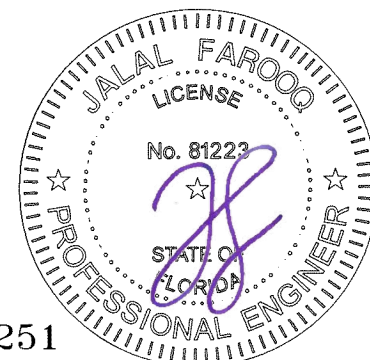
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sheet 10 of 14



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FL #22251

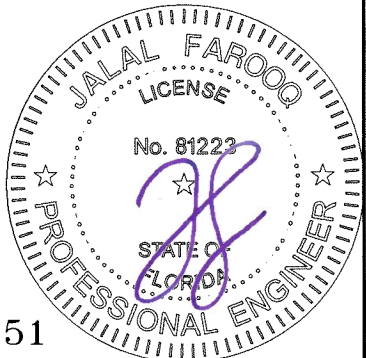


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no	date	by	description																		
drawing no. 19-10F sheet 11 of 14																					

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-6000-401	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	ES6004	2/ PANEL	TOP RAIL	6063-T6	-
5	ES6005	2/ PANEL	BOTTOM RAIL	6063-T6	-
6	ES6006	AS REQD.	LOCK STILE	6063-T6	-
7	ES6007	AS REQD.	INTERLOCK	6063-T6	-
8	ES6008	AS REQD.	FEMALE ASTRAGAL	6063-T6	-
11	ES6016	4/ PANEL	PANEL GUIDE (TOP ONLY)	CELCON	-
12	ES6015	2/ PANEL	FIXED PANEL BOTTOM GUIDE	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	ES6011	2/ JAMB	JAMB SCREW COVER	6063-T5	OPTIONAL
15	ES6014	3/ FIX. PANEL	FIXED PANEL CLIP, 4" LONG, AT 53" O.C.	6063-T6	AT 7" FROM EACH END AND AT MIDSPAN
16	ES6012	AS REQD.	INTERLOCK STIFFENER (LENGTH = PANEL HT. - 2-3/8")	6063-T6	-
17	ES6013	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 W'STRIPPING	-	ULTRAFAB
23	ES6027	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	-	-
25	#10 X 1" PH SMS	2/ CORNER	FRAME ASSY SCREWS	-	-
26	-	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	DUAL ROLLERS
27	1/4-20 X 1-3/4" PH MS	1/ ROLLER	ROLLER INST. SCREWS	-	-
28	2300-10SS	1/ MOV. PANEL	STD. MORTISE LOCK, AT 48-1/2" FROM BOTTOM	ST. STEEL	-
28A	2468T-00	1/ MOV. PANEL	MULTI POINT MORTISE LOCK, AT 48-1/2" FROM BOTTOM	ST. STEEL	WITH 2448 TRIM PLATE
29	#10-24 X 3/8" PH MS	2/ LOCK	LOCK INSTALLATION SCREW	ST. STEEL	-
30	ES6017-1	1/ LOCK	LOCK KEEPER (STD. LOCK)	PLATED STEEL	AT 48-1/2" FROM BOTTOM
30A	2447-00	1/ LOCK	LOCK KEEPER (MULTI POINT LOCK)	ST. STEEL	AT 48-1/2" FROM BOTTOM
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
34	#10 X 3/4" PH SDS	2/ CLIP	FIXED PANEL CLIP FASTENER	ST. STEEL	-
34A	#10 X 3/4" PH SDS	2/ CLIP	FIXED PANEL CLIP FASTENER	ST. STEEL	-
35	-	AS REQD.	1"X4" LONG SELF ADHESIVE PILE PAD	WOOLPILE	AT HEAD AND SILL
37	ES6019	AS REQD.	RESTRAINING PLATE	NYLON	AT TOP & BOTT. INTERLOCKS & ASTRAGAL
38	#8 X 3/4" FH SMS	2/ PLATE	RESTRAINING PLATE FASTENER	-	-
40	27-445	AS REQD.	GLAZING WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
41	ES4014	AS REQD.	BOTTOM RAIL GLASS STOP	EPDM	DUROMETER 68±4 SHORE A
42	ES4018	AS REQD.	TOP RAIL & STILES GLASS STOP	EPDM	DUROMETER 75±4 SHORE A
43	-	AS REQD.	BUMPER	SILICONE	-
44	-	2/ LITE	SETTING BLOCK, 1" X 1/8" X 2-1/2" LONG	EPDM	DUROMETER 75±4 SHORE A
45	-	AS REQD.	REINFORCING BAR AT ASTRAGAL	STEEL	A36, Fu MIN. = 58 KSI
46	-	AS REQD.	REINFORCING BAR AT INTERLOCK	STEEL	A36, Fu MIN. = 58 KSI
47	-	AS REQD.	REINFORCING BAR AT ASTRAGAL	STEEL	A36, Fu MIN. = 58 KSI

LATCHES:
ITEMS 28A AND 30A USED FOR DOORS WITH STEEL REINFORCING ONLY
ITEMS 28 AND 30 USED FOR ALL OTHER DOORS.

Sealed: 7/25/2023



FL #22251

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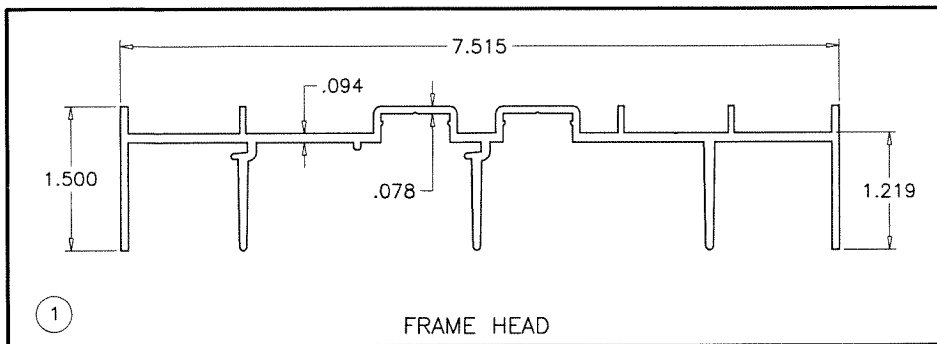
SERIES-6100-3 TRACK ALUM SLIDING GL. DOOR (S.M.I.)

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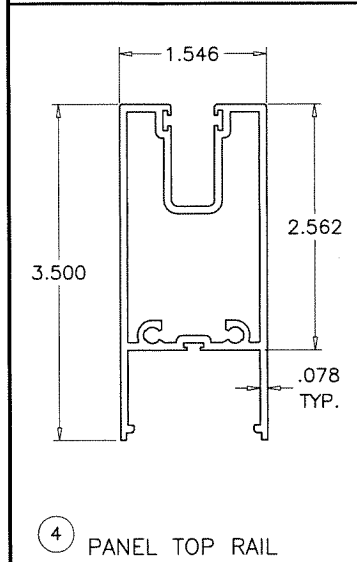
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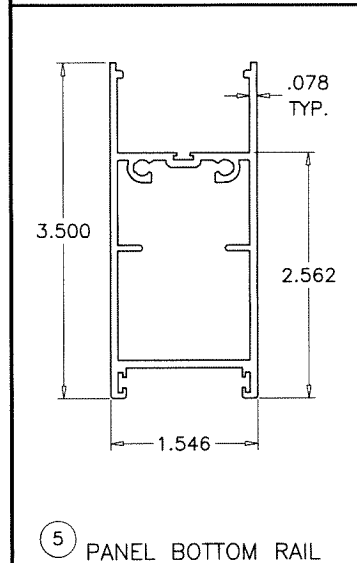
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19-10F
sheet 12 of 14



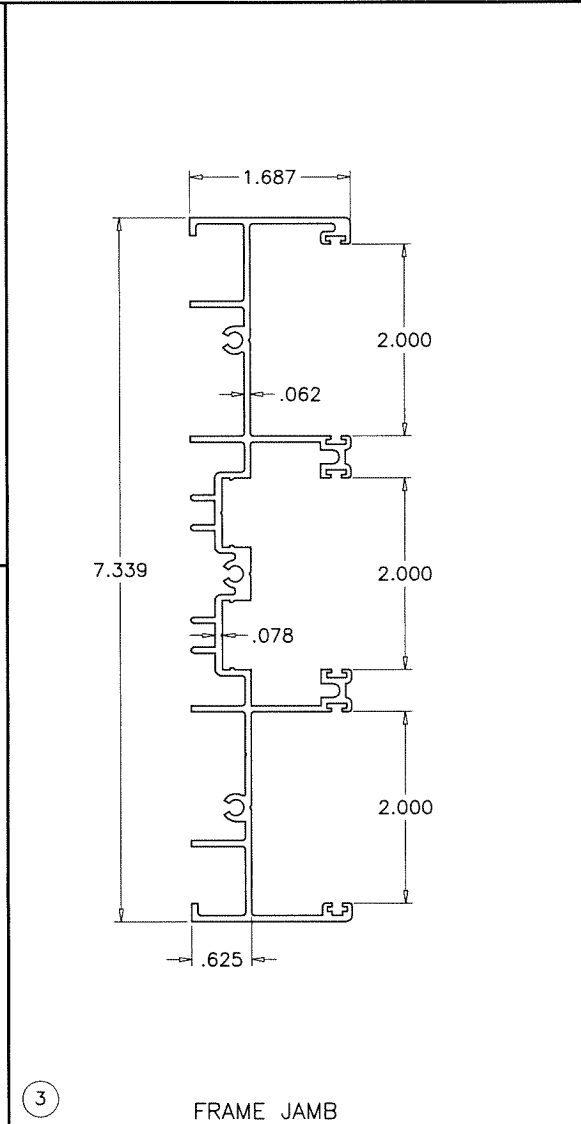
FRAME HEAD



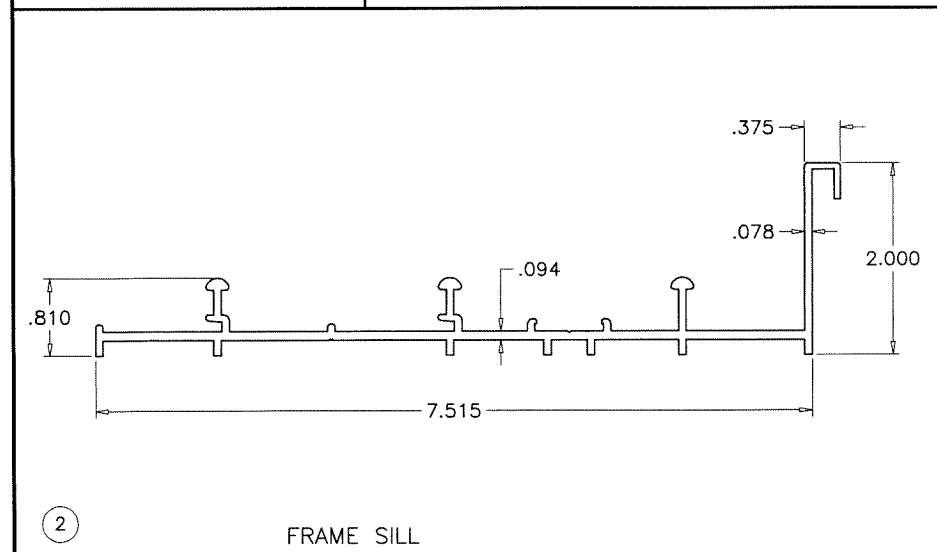
PANEL TOP RAIL



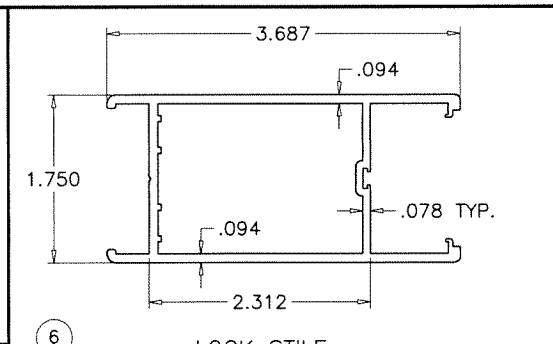
PANEL BOTTOM RAIL



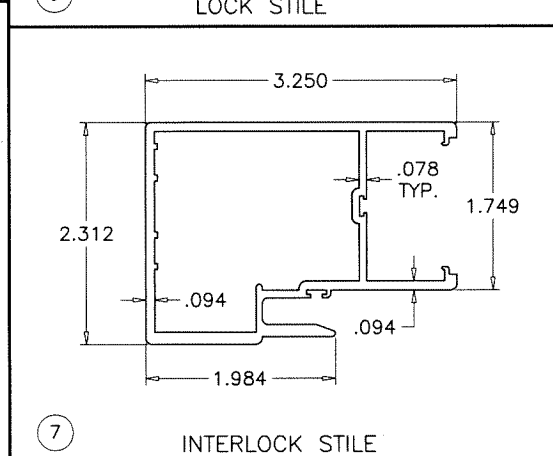
FRAME JAMB



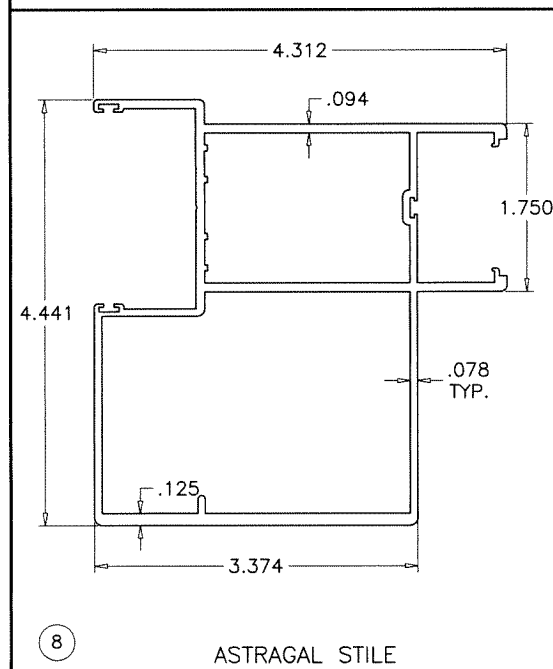
FRAME SILL



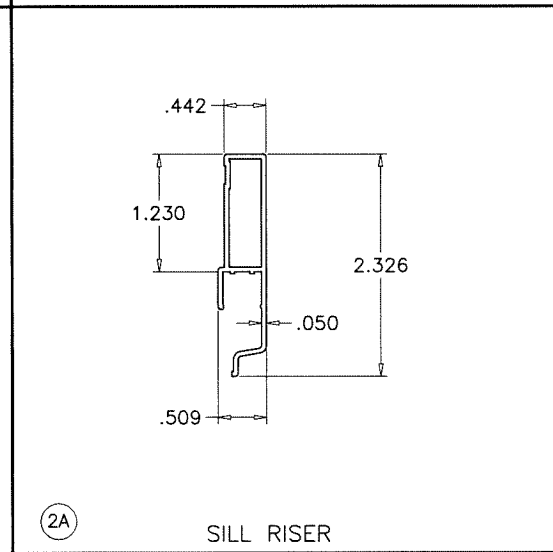
LOCK STILE



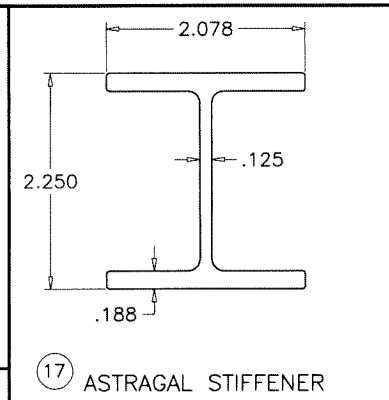
INTERLOCK STILE



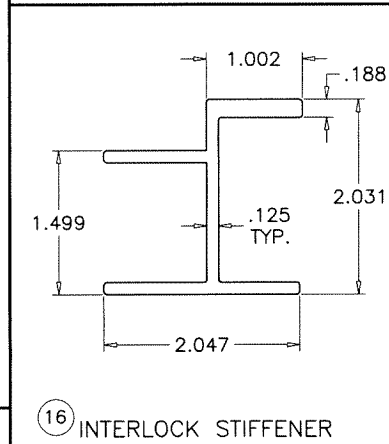
ASTRAGAL STILE



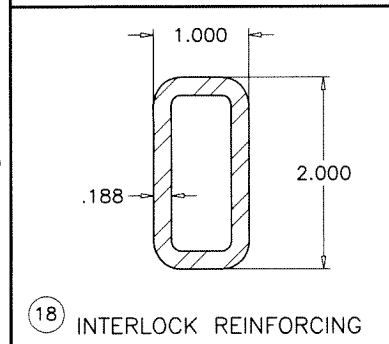
SILL RISER



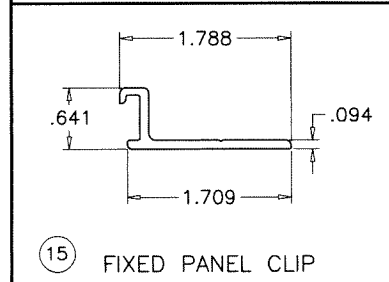
ASTRAGAL STIFFENER



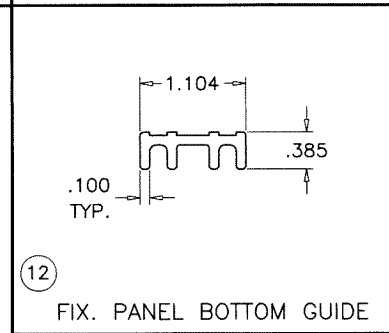
INTERLOCK STIFFENER



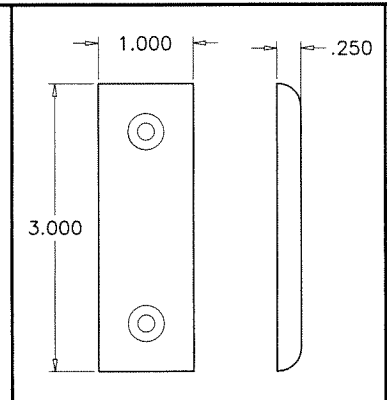
INTERLOCK REINFORCING



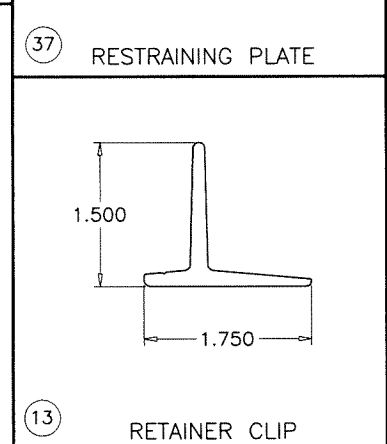
FIXED PANEL CLIP



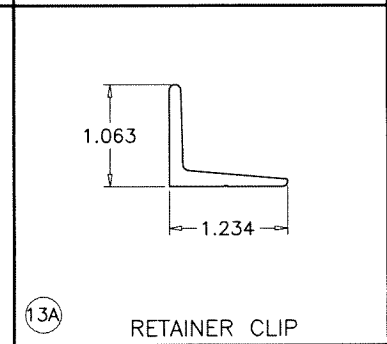
FIX. PANEL BOTTOM GUIDE



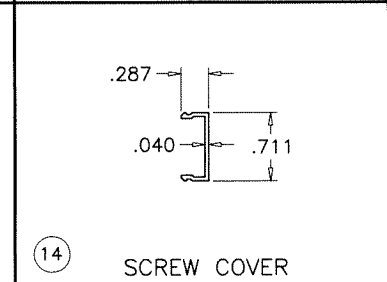
RESTRAINING PLATE



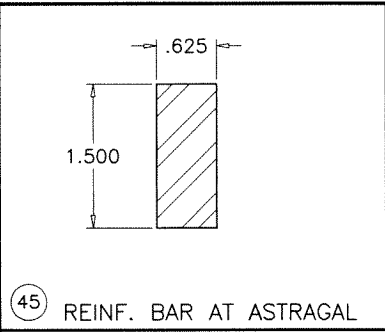
RETAINER CLIP



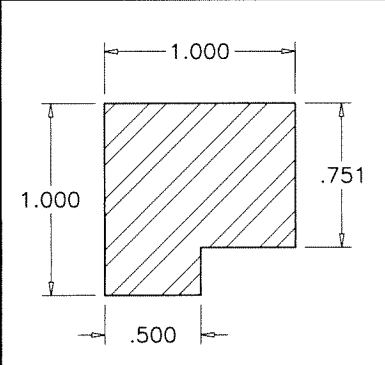
RETAINER CLIP



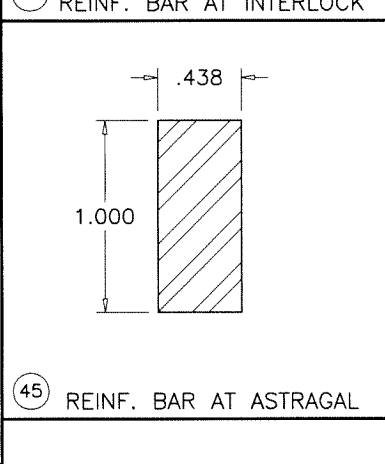
SCREW COVER



REINF. BAR AT ASTRAGAL

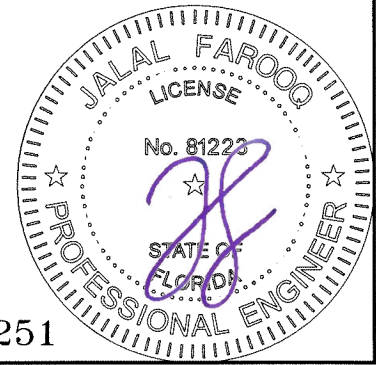


REINF. BAR AT INTERLOCK



REINF. BAR AT ASTRAGAL

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