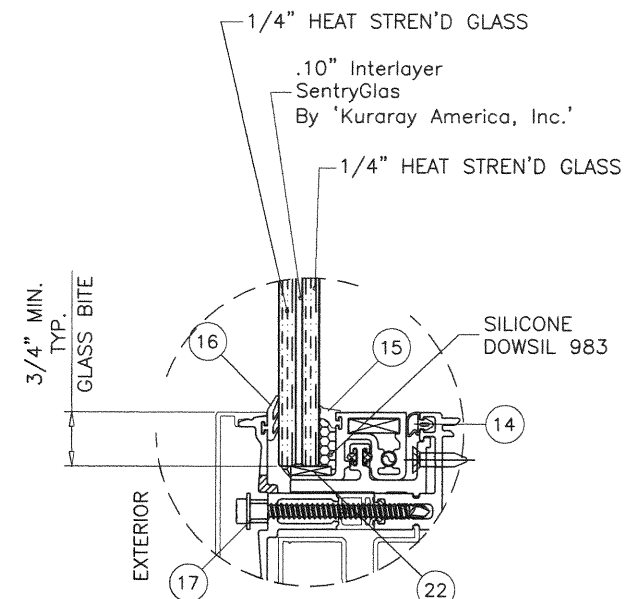


TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 110.0 PSF



GLAZING DETAIL

THIS SYSTEM IS 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.

SERIES 2000 STICK ALUMINUM CURTAIN WALL SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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.

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 2017/2020 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.

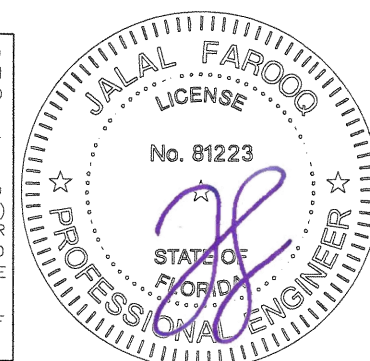
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

- 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:8/12/2020

FL #27401



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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\18-55F-MG

SERIES 2000 STICK ALUM. CURTAIN WALL SYS. (S.M.I.)

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:

no	date	description
A	07.22.20	UPDATED TO 2020 FBC

date: 05-08-18

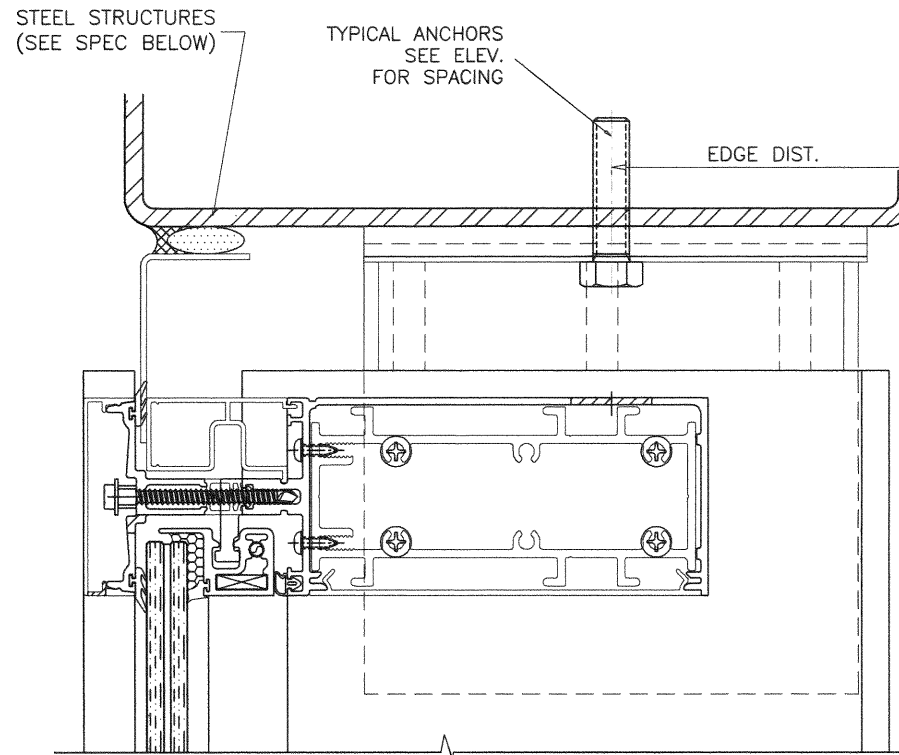
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dr. by: TARIQ

chk. by:

drawing no.
18-55F

sheet 1 of 6

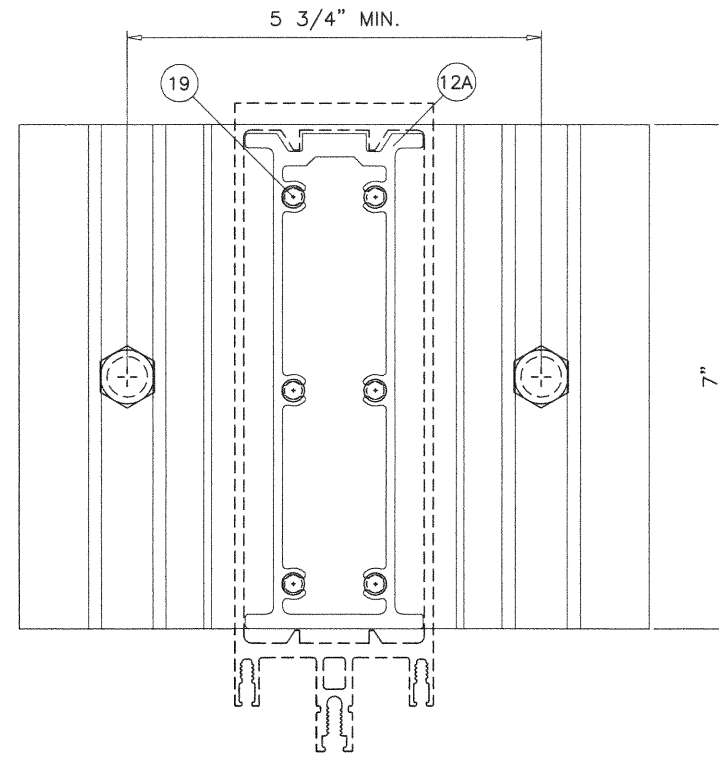
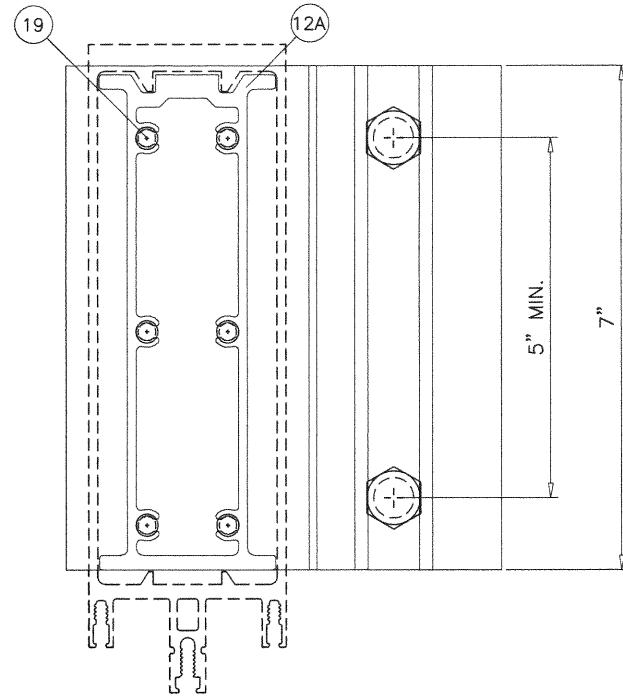


A circular professional engineer seal for the State of Florida. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom. In the center, the license number "No. 81223" is printed. A large, stylized purple signature is written across the center of the seal, overlapping the text "STATE OF FLORIDA" and the license number.

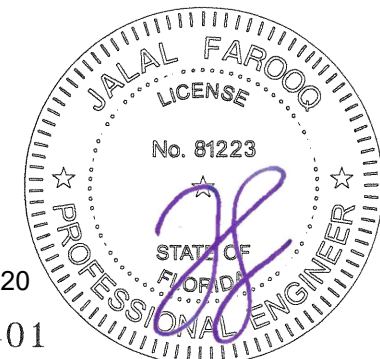
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chk. by:					
revisions:					
no	date	by	description		

drawing no.
18-55F

sheet 2 of 6



FL #27401



date: 05-08-18

revisions:

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no	date	by	description

drawing no.

18-55F

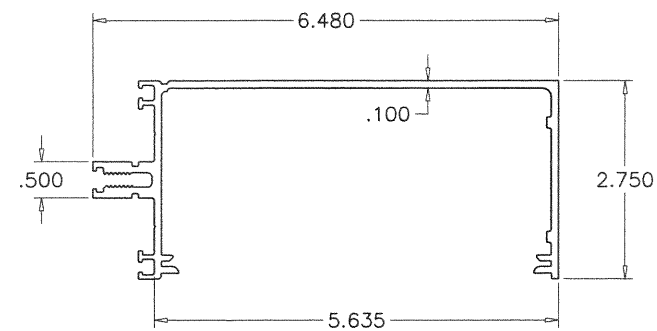
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sheet 4 of 6

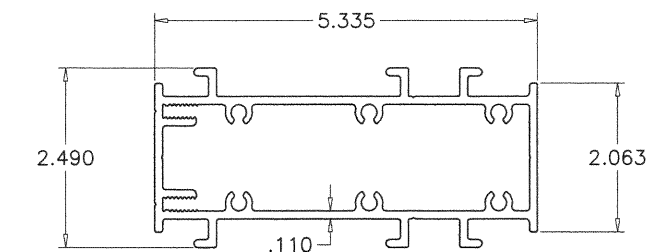
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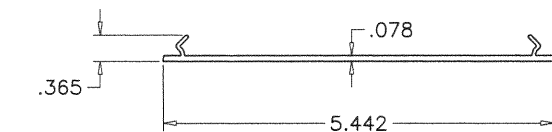
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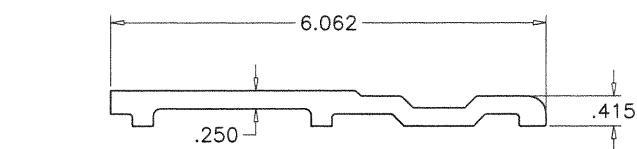
FRAME HEAD/SILL



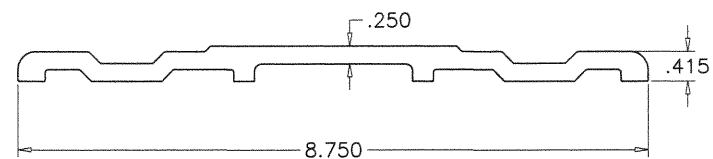
SHEAR BLOCK



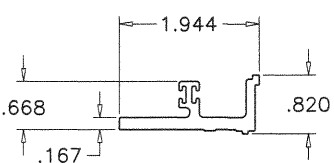
FRAME COVER



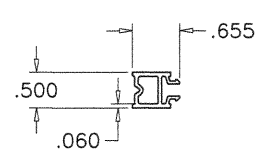
ANCHOR PLATE (JAMB)



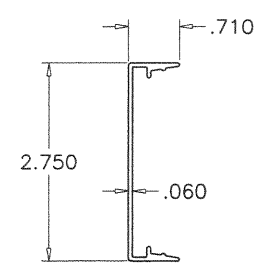
ANCHOR PLATE (MULLION)



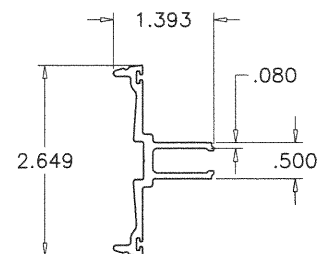
SITTING SHELF



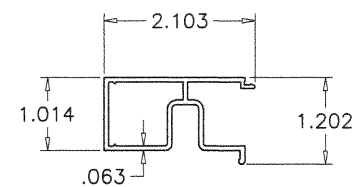
THERMAL BREAK



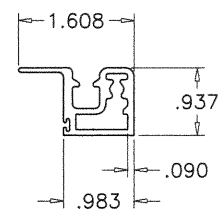
PRESSURE PLATE CAP



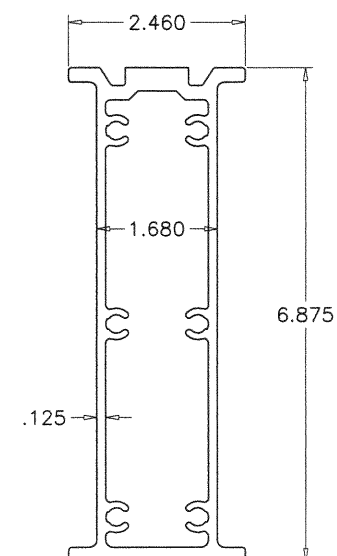
PRESSURE PLATE



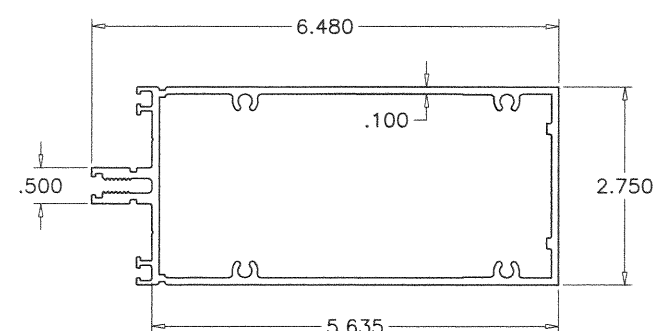
POCKET FILLER



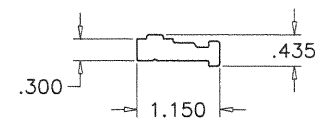
SUB FRAME



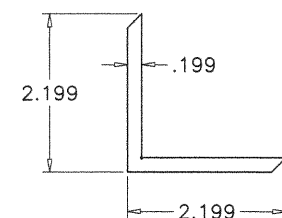
JAMB/MULL REINF.



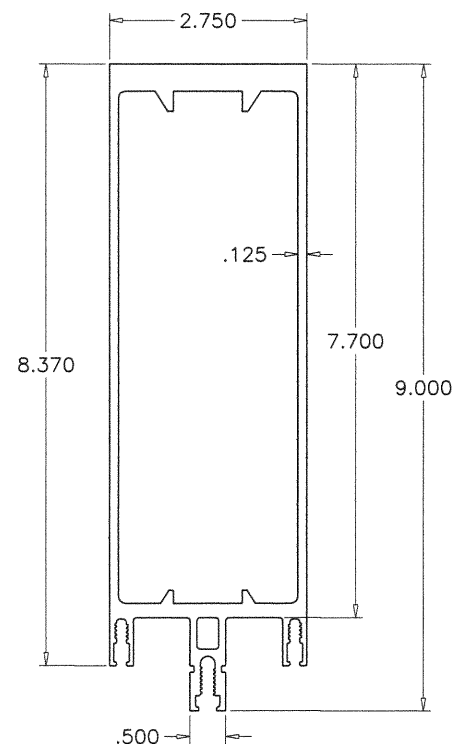
INTERMEDIATE HORIZONTAL



RETAINER CLIP



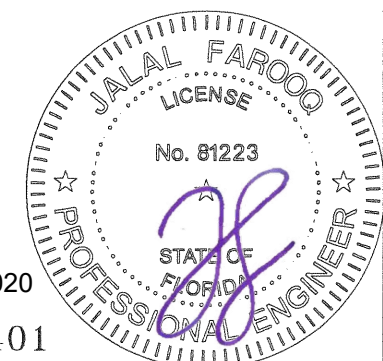
SUB FRAME CORNER KEY



FRAME JAMB/MULLION

Sealed:8/12/2020

FL #27401



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MMR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
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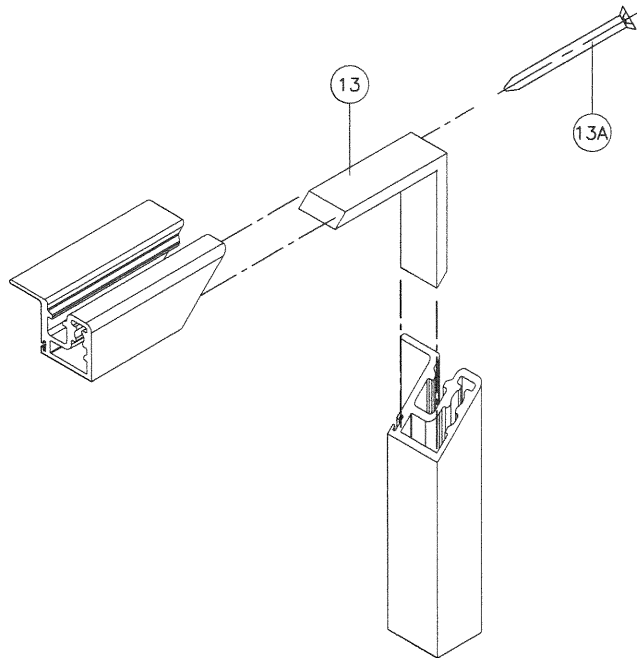
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18-55F

sheet 5 of 6

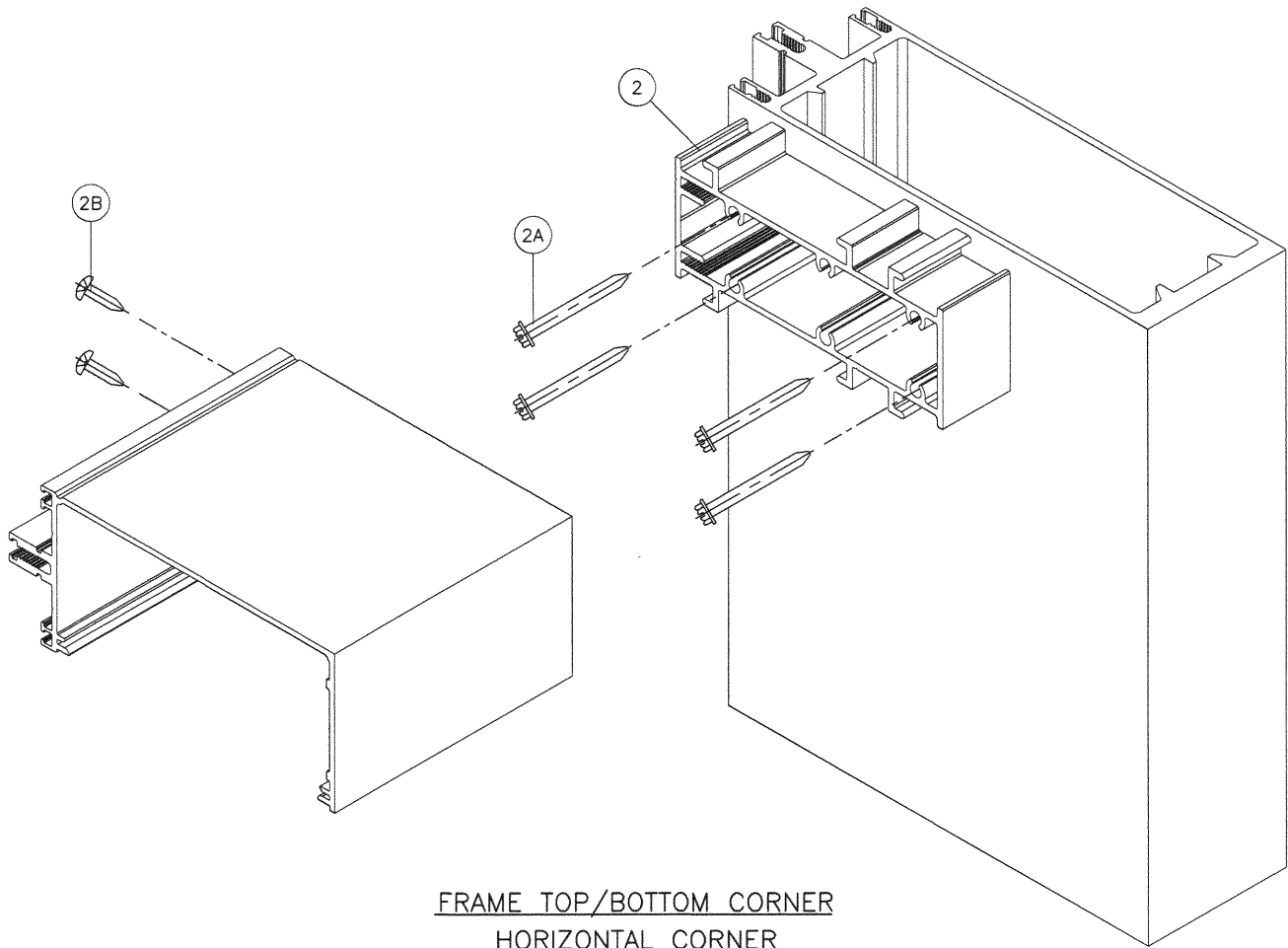
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COMP-ANL\18-55F-MG



SUB FRAME CORNER

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E-2007	AS REQD.	FRAME HEAD/SILL	6063-T6	-
1A	E-2006	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6	-
2	E-2010	AS REQD.	SHEAR BLOCK, 7/8" LONG	6063-T6	-
2A	#12 1-1/4"	4/ BLOCK	SHEAR BLOCK FASTENERS	ST. STEEL	PH SELF DRILLING
2B	#10 X 3/4"	2/ BLOCK	SHEAR BLOCK FASTENERS	ST. STEEL	PH SELF DRILLING
3	E-2046	AS REQD.	FRAME COVER	6063-T5	-
4	E-2013	AS REQD.	ANCHOR PLATE	6063-T6	-
5	E-2036	2/ LITE	SITTING SHELF, 6" LONG	6063-T6	-
5A	#12 X 3/4"	2/ SHELF	SITTING SHELF FASTENERS	ST. STEEL	PH SMS
6	G-2005	AS REQD.	THERMAL BREAK	RIGID OVC	-
7	E-2045	AS REQD.	PRESSURE PLATE CAP	6063-T5	-
8	E-2040	AS REQD.	PRESSURE PLATE	6063-T6	-
9	E-2047	AS REQD.	POCKET FILLER	6063-T5	-
10	E-2030	AS REQD.	SUB FRAME	6063-T6	-
11	E-2001	AS REQD.	FRAME JAMB/MULLION	6063-T6	-
12	E-2021	AS REQD.	JAMB/MULL REINFORCEMENT (LENGTH = FRAME HT. - 24")	6063-T6	-
12A	E-2021	AS REQD.	ANCHOR INSERT, 6" LONG	6063-T6	-
13	E-2037	AS REQD.	SUB FRAME CORNER KEY	6063-T6	-
13A	#12 X 2-1/2"	1/ CORNER	SUB FRAME ASSEMBLY FASTENERS	ST. STEEL	FH SELF DRILLING
14	G-2002	AS REQD.	SUB FRAME GASKET	EPDM	DUROMETER 80±5 SHORE A
15	G-2001	AS REQD.	INTERIOR GLAZING GASKET	SANTOPRENE	DUROMETER 70±5 SHORE A
16	G-2003	AS REQD.	PRESSURE PLATE GASKET	EPDM	DUROMETER 80±5 SHORE A
17	#12 X 3"	AS REQD.	PRESSURE PLATE FASTENERS, AT 1" FROM ENDS AND 6" O.C.	ST. STEEL	HH SELF DRILLING
18	-	AS REQD.	BREAK METAL COVER, .080" THK.	ALUMINUM	-
19	5/16" X 2"	6/ PLATE	PLATE FASTENERS	ST. STEEL	PH TAPPING SCREW
20	E-2033	AS REQD.	RETAINER CLIP, 2" LONG	6063-T5	-
21	G-2006	AS REQD.	BUMPER (AT SITTING SHELF)	EPDM	DUROMETER 80±5 SHORE A
22	-	2/ LITE	SETTING BLOCKS (9/16" X 1/8" X 4" LONG) AT 1/4 POINTS	SILICONE	DUROMETER 80±5 SHORE A



FRAME TOP/BOTTOM CORNER
HORIZONTAL CORNER

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

Sealed:8/12/2020

FL #27401



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