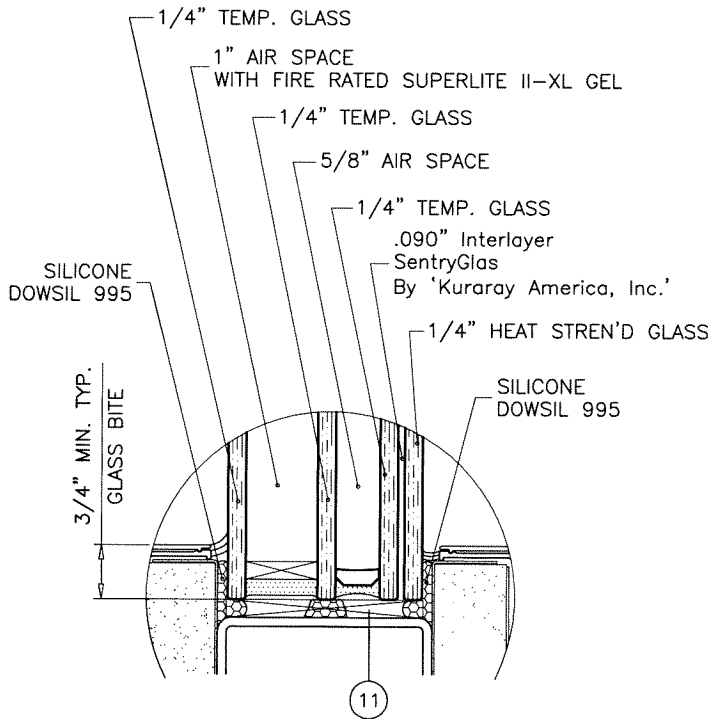
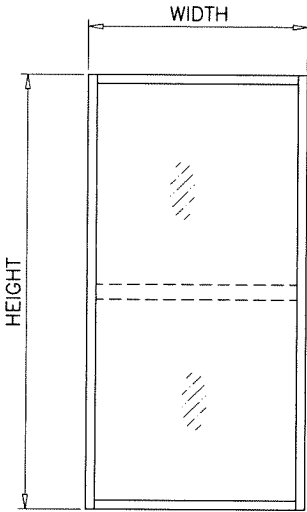
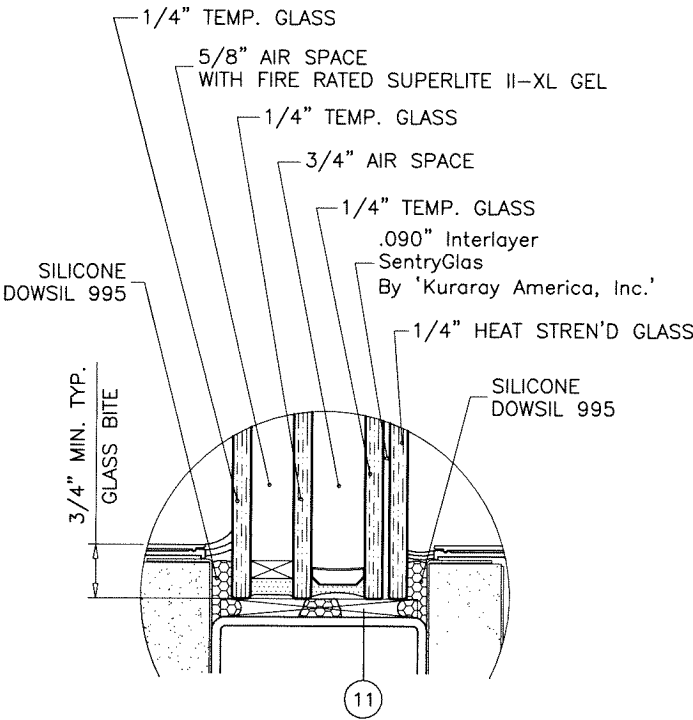


FIXED WINDOW LOAD CAPACITY FOR SIZES SHOWN OR SMALLER			
WINDOW DIMS.		LOADS - PSF	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
24"	144"	80.0	80.0
30"		80.0	80.0
36"		80.0	80.0
40"		80.0	80.0
48"		80.0	80.0
54"		80.0	80.0
60"		80.0	80.0
66"		80.0	80.0
72"		80.0	80.0

NOTE:
MAX. GLASS AREA OF ANY LITE NOT TO EXCEED
TESTED GLASS AREA OF 31.2 SQ. FT.

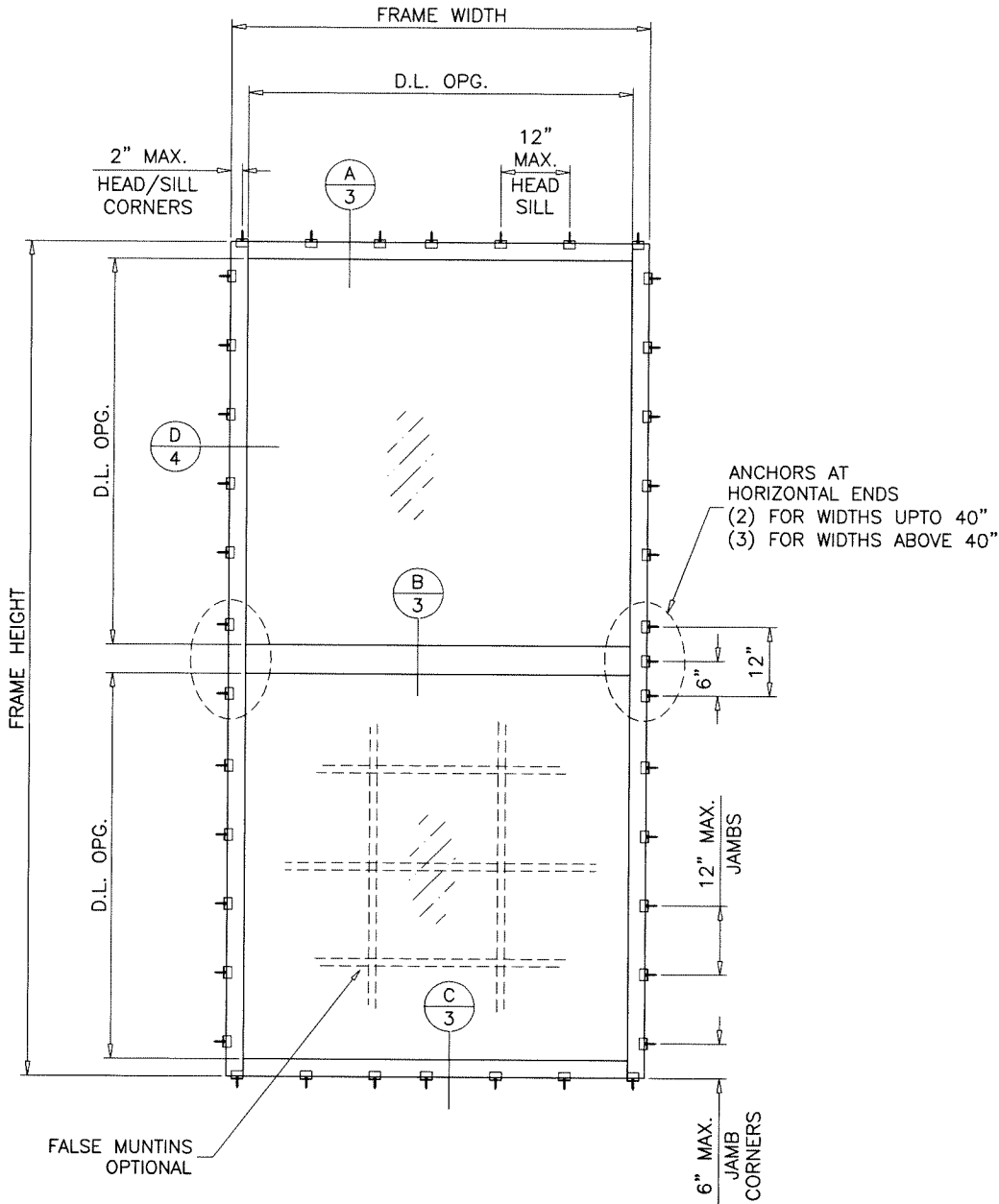


GLAZING OPTION #1
2-11/16" OVERALL INSUL. LAM. GLASS



GLAZING OPTION #2
2-7/16" OVERALL INSUL. LAM. GLASS

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



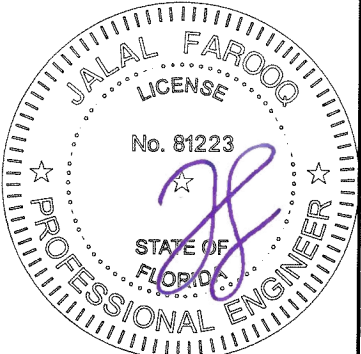
TYPICAL ELEVATION

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

Sealed: 06/04/2026

FL #16382

- 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.



GPX FIRE RATED WINDOW WALL SYSTEM

CHART ABOVE APPLIES TO SINGLE FIXED WINDOW OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER F.B.C. APPR'D WINDOWS USING AN APPROVED MULLION IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

MULTIPLE LITES WITH SAFTIFIRST MULLIONS SEE CHART ON SHEET 2 FOR LIMITATIONS.

THIS SYSTEM CAN BE MATED TO GPX FIRE RATED OUTSWING DOORS CARRYING THEIR OWN APPROVAL.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 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.

afc

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

STORE/W13-58SF

GPX FIRE RATED WINDOW WALL SYSTEM (L.M.I.)

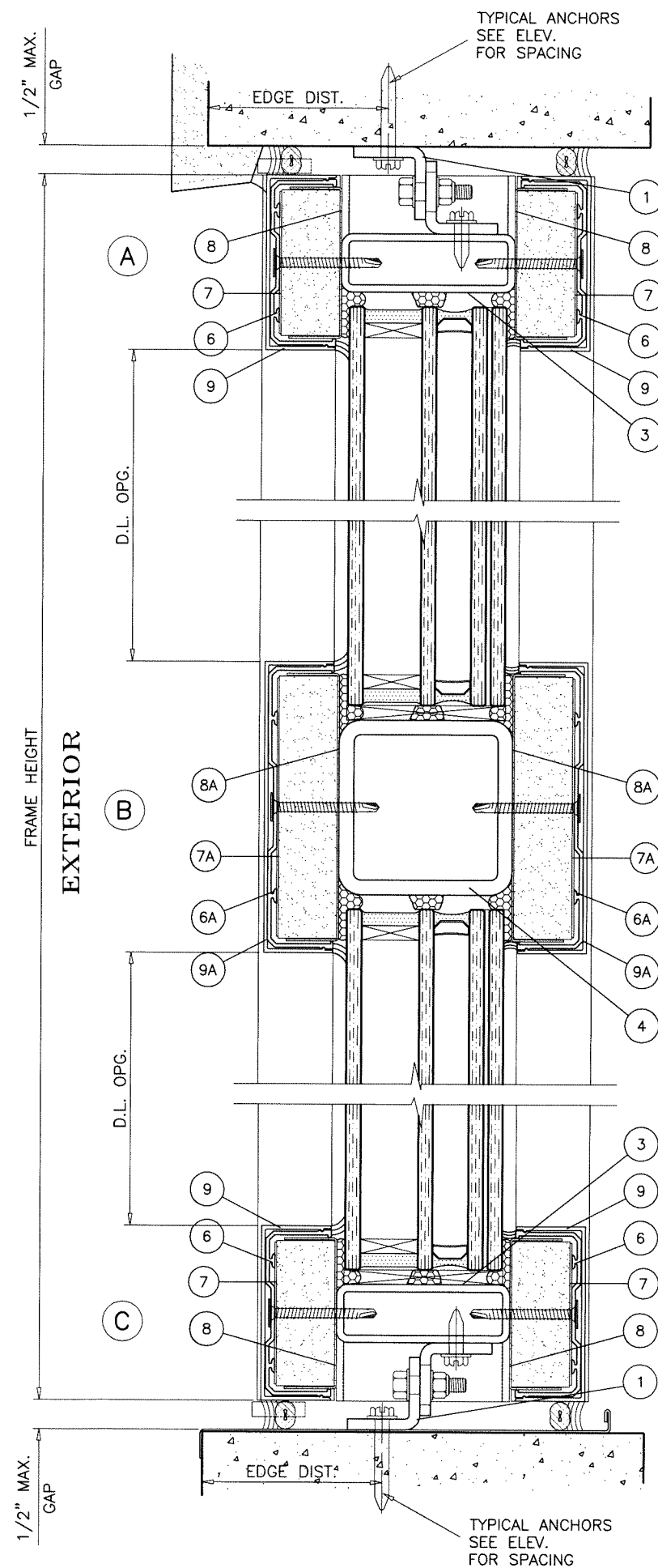
SAFTIFIRST

100 NORTH HILL DRIVE, SUITE 12
BRISBANE, CA. 94005-1010
TEL. (415) 230-6740 FAX. (415) 230-6741

no	date	by	description
C	07.25.23		UPDATED TO 2023 FBC
D	11.27.24		GLASS OPTION #2 ADDED
E	01.30.25		CORNER DETAIL REV.
F	09.25.25		SEGMENTED MULL ADDED
G	04.11.26		SEGMENTED DETAIL ADDED

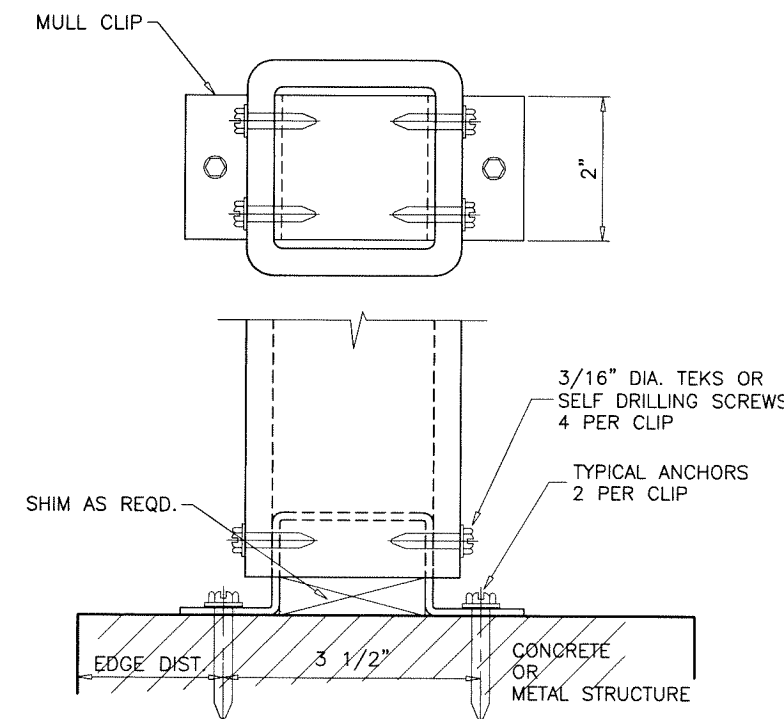
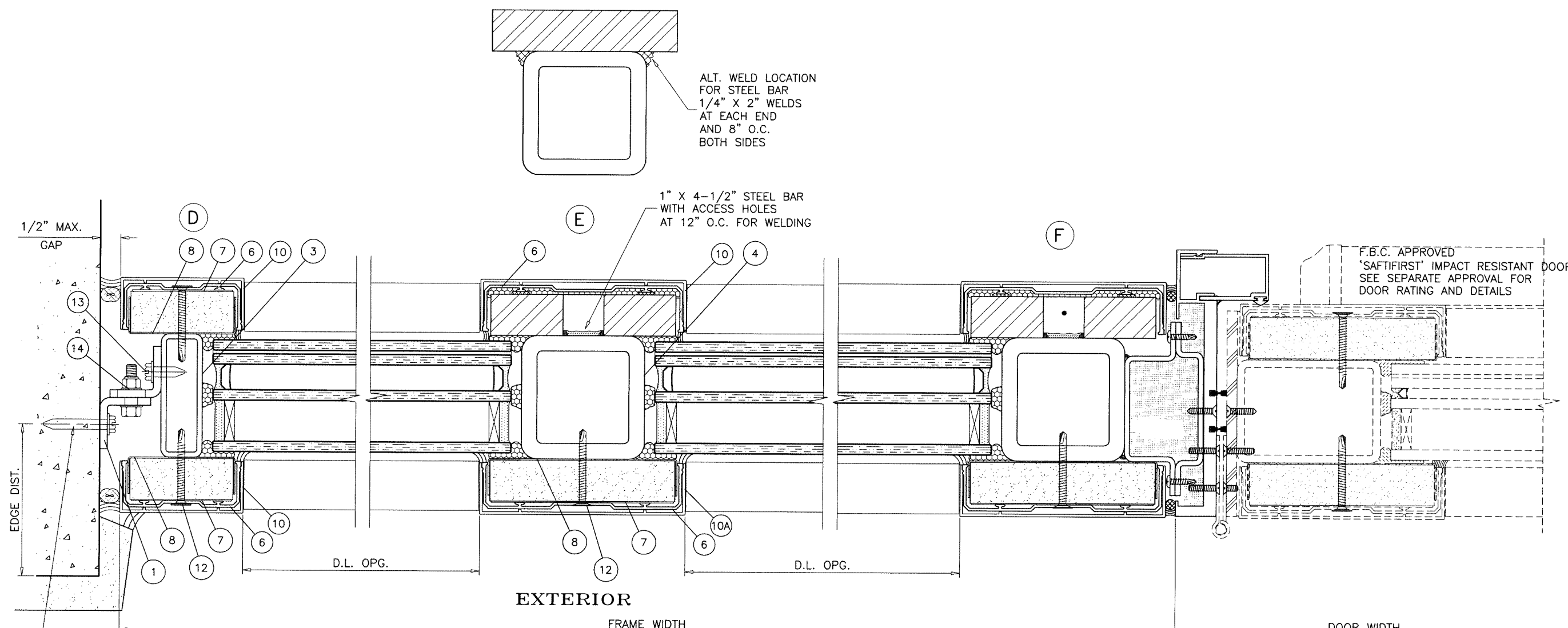
date:	11-10-13
scale:	3/8"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.
W13-58
sheet 1 of 5

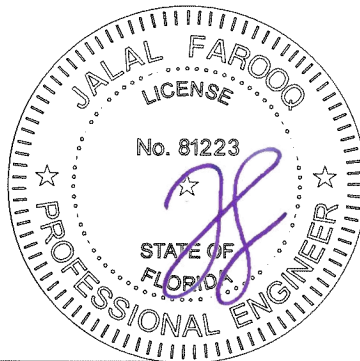


METAL STRUCTURES NOT BY 'SAFTIFIRST'
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

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



MULLION CONNECTION
TYP. AT TOP AND BOTTOM



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

af c
STORE \W13-58SF

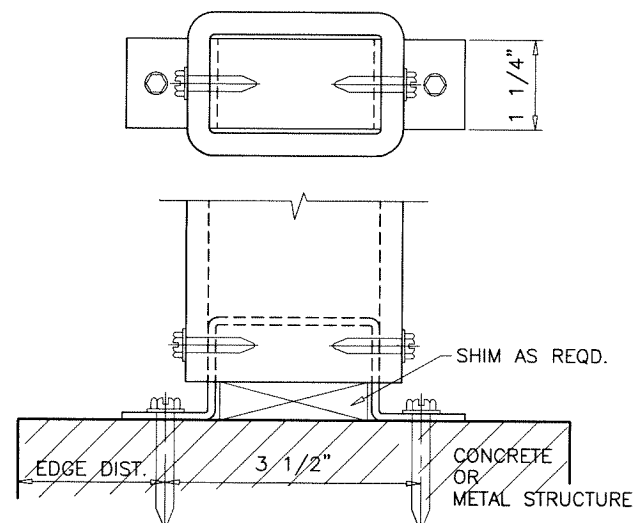
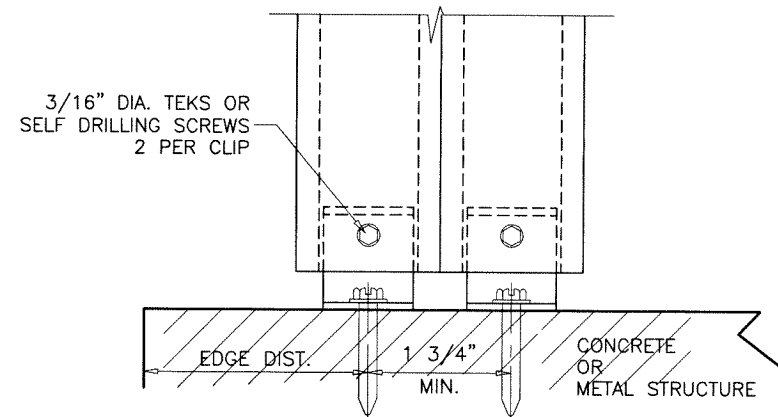
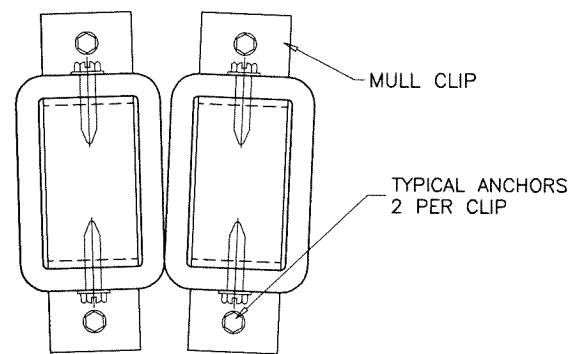
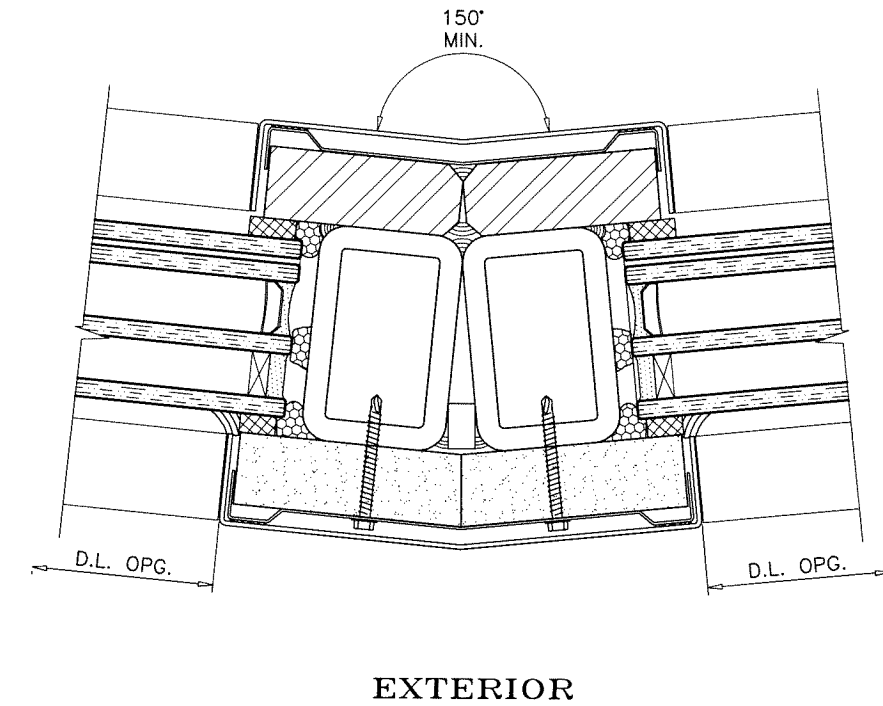
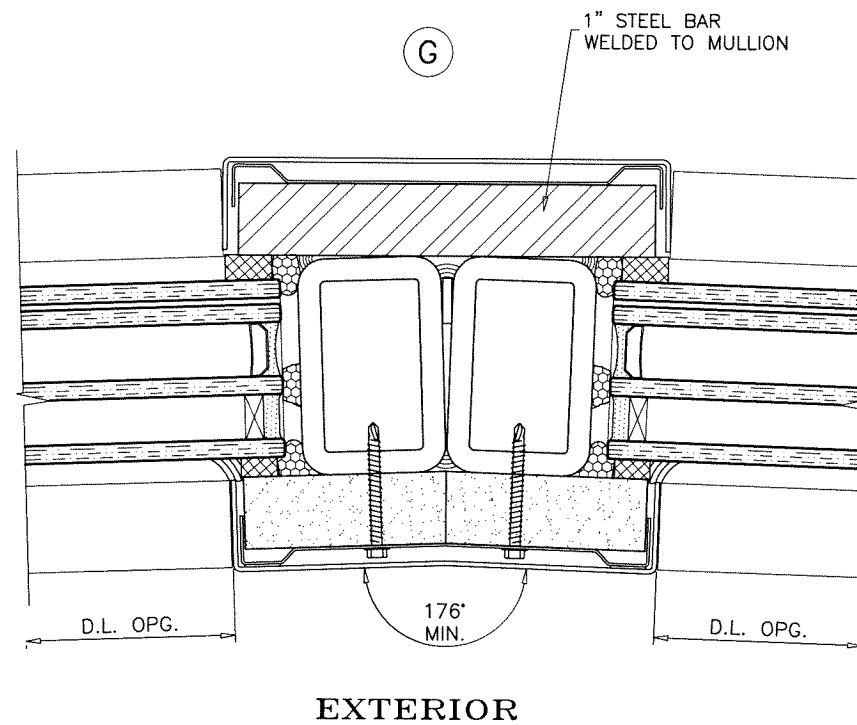
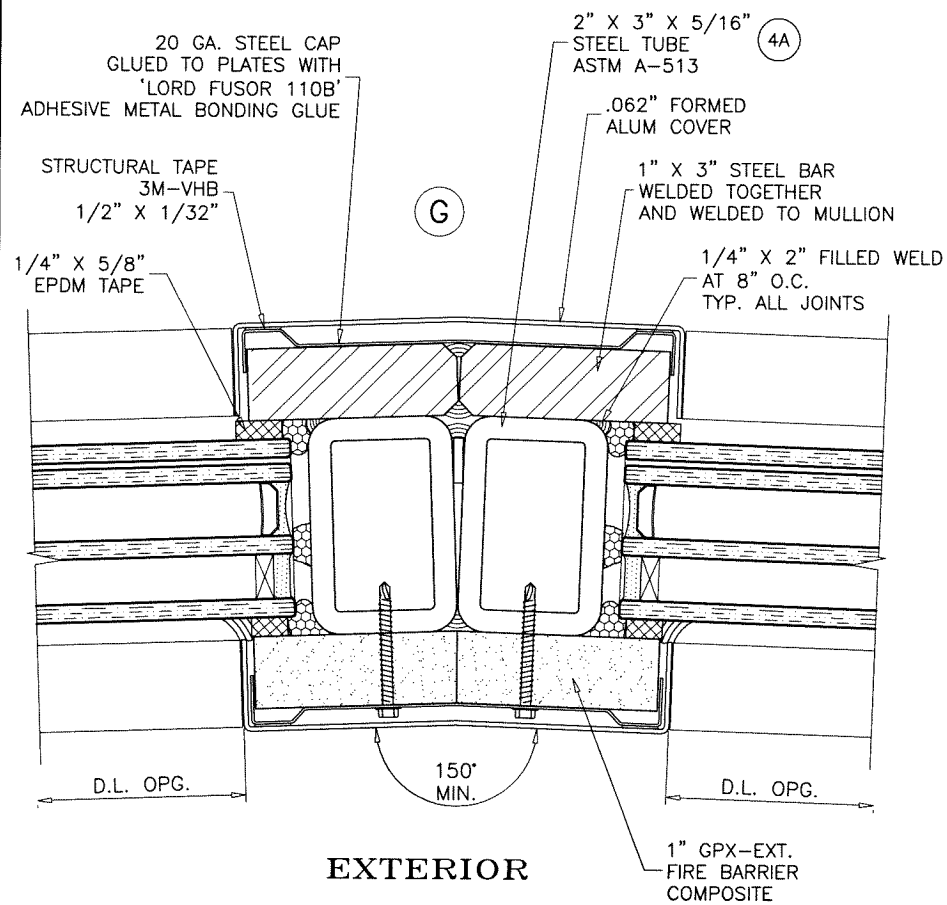
GPX FIRE RATED WINDOW WALL SYSTEM (L.M.I.)
SAFTIFIRST
100 NORTH HILL DRIVE, SUITE 12
BRISBANE, CA. 94005-1010
TEL. (415) 230-6740 FAX. (415) 230-6741

revisions:

no	date	description

date: 11-10-13
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

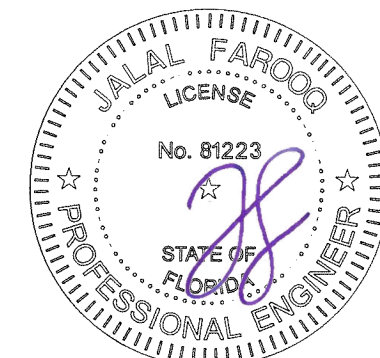
drawing no.
W13-58
sheet 4 of 5



MULLION CONNECTION
TYP. AT TOP AND BOTTOM

Sealed: 06/04/2026

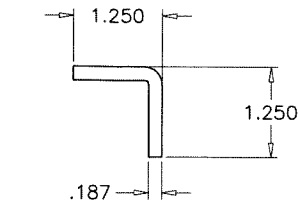
FL #16382



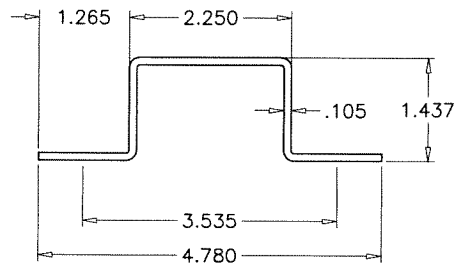
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
STORE W13-58SF

GPX FIRE RATED WINDOW WALL SYSTEM (L.M.I.)
SAFTIFIRST
100 NORTH HILL DRIVE, SUITE 12
BRISBANE, CA. 94005-1010
TEL. (415) 230-6740 FAX. (415) 230-6741

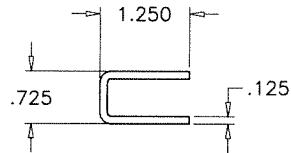
revisions:		no date by description	
date:	11-10-13	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	W13-58		
sheet	4.1 of 5		



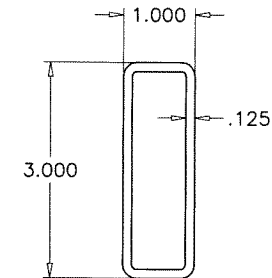
① INSTALLATION ANGLE



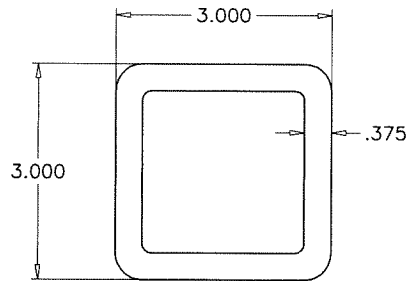
② MULLION CLIP



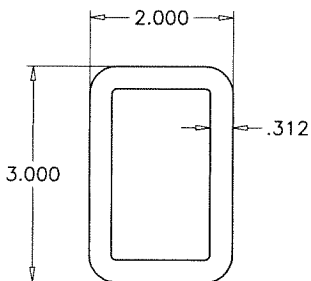
⑮ CORNER CHANNEL



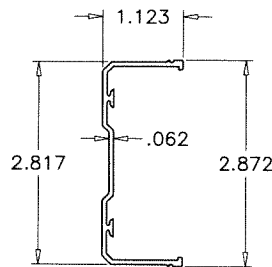
③ FRAME TUBE



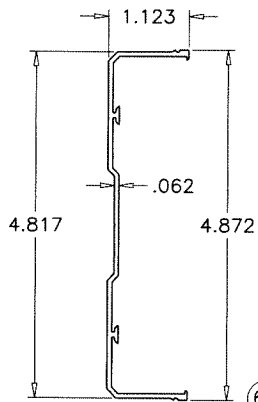
④ MULLION TUBE



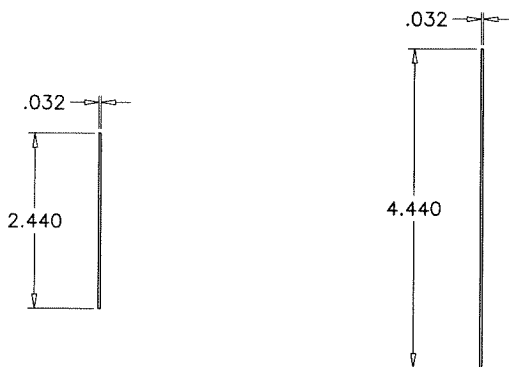
④A MULLION TUBE



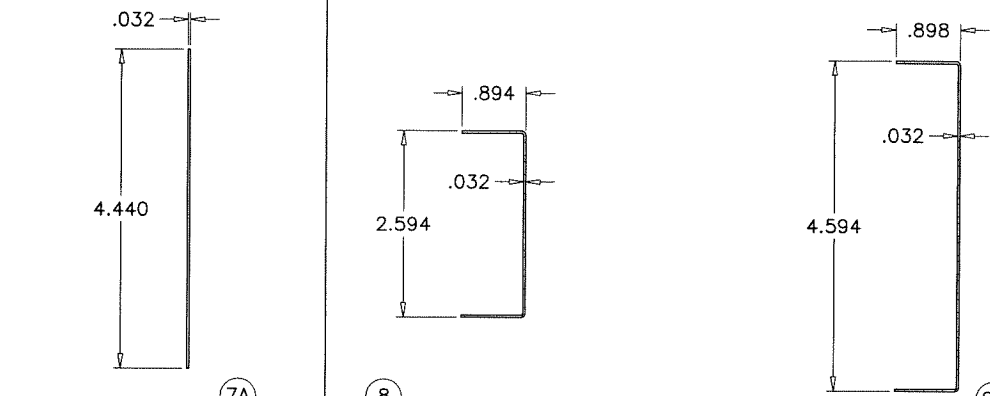
⑥ FRAME PRESSURE CAP



⑥A MULLION PRESSURE CAP



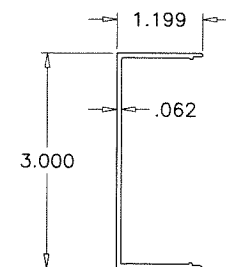
⑦ FRAME RETAINER PLATE



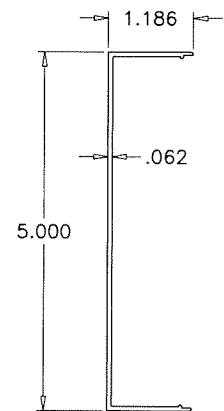
⑦A MULLION RETAINER PLATE

⑧ FRAME RETAINER CHANNEL

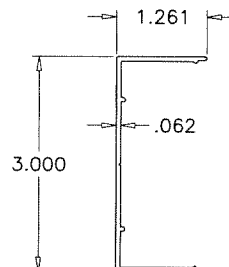
⑧A MULLION RETAINER CHANNEL



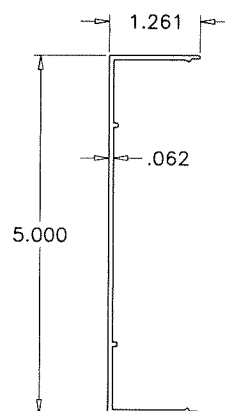
⑨ FRAME SNAP ON COVER (HORIZONTAL)



⑨A MULLION SNAP ON COVER (HORIZONTAL)



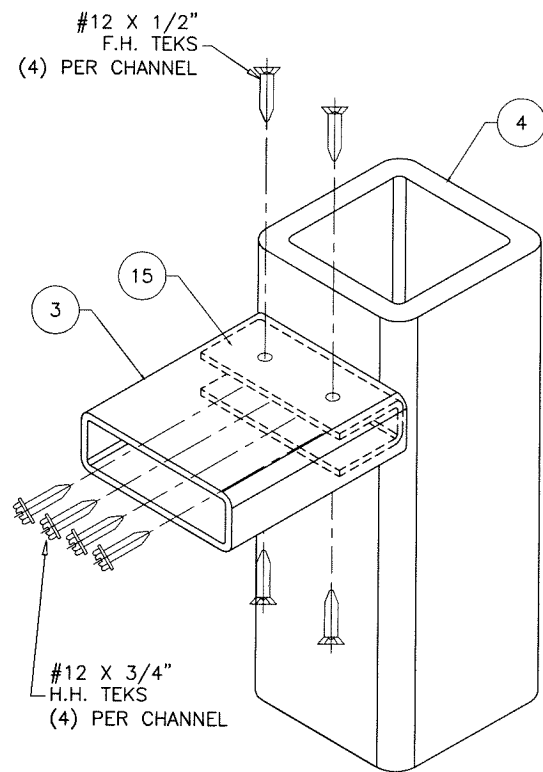
⑩ FRAME SNAP ON COVER (VERTICAL)



⑩A MULLION SNAP ON COVER (VERTICAL)

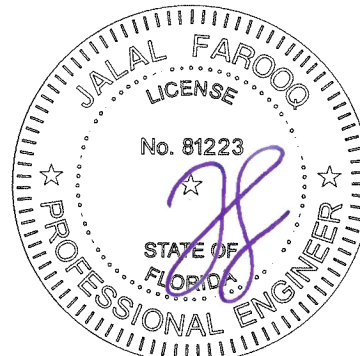
ALL WELDS PER AWS.
ELECTRODE = ER70 MIN.

ITEM NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	AS REQD.	ANGLE CLIP, 2" LONG	A36 STEEL	A60 JET-COAT ASTM A-653
2	AS REQD.	MULLION CLIP, 2" LONG	A36 STEEL	A60 JET-COAT ASTM A-653
3	4/ WDW.	FRAME TUBE	STEEL	ASTM A-513
4	AS REQD.	MULLION TUBE (3 X 3 X 3/8")	STEEL	ASTM A-513
4A	AS REQD.	MULLION TUBE (2 X 3 X 5/16")	STEEL	ASTM A-513
6	8/ WDW.	FRAME PRESSURE CAP	6063-T5	-
6A	AS REQD.	MULLION PRESSURE CAP	6063-T5	-
7	8/ WDW.	FRAME RETAINER PLATE	STEEL	A60 JET-COAT ASTM A-653
7A	AS REQD.	MULLION RETAINER PLATE	STEEL	A60 JET-COAT ASTM A-653
8	8/ WDW.	FRAME RETAINER CHANNEL	STEEL	A60 JET-COAT ASTM A-653
8A	AS REQD.	MULLION RETAINER CHANNEL	STEEL	A60 JET-COAT ASTM A-653
9	8/ WDW.	FRAME SNAP ON COVER HORIZONTAL	6063-T5	-
9A	AS REQD.	MULLION SNAP ON COVER HORIZONTAL	6063-T5	-
10	8/ WDW.	FRAME SNAP ON COVER VERTICAL	6063-T5	-
10A	AS REQD.	MULLION SNAP ON COVER VERTICAL	6063-T5	-
11	2/ LITE	SETTING BLOCK, 1/4" X 1-3/8" X 3" LONG	EPDM	DUROMETER 75±5 SHORE A
12	#10 X 1-3/4"	ASSEMBLY FASTENERS AT 4" FROM ENDS & 12" O.C.	STEEL	FLAT HEAD TEKS
13	#12 X 1"	CLIP ANGLE TO FRAME FASTENER	STEEL	HH TEKS
14	1/4-20 X 1-1/4"	CLIP ANGLE TO ANGLE FASTENER	STEEL	HH BOLT W/ NUT AND WASHER
15	1/ CORNER	CORNER CHANNEL	STEEL	ASTM A-513



Sealed: 06/04/2026

FL #16382



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)

GPX FIRE RATED WINDOW WALL SYSTEM (L.M.I.)
SAFTIFIRST
100 NORTH HILL DRIVE, SUITE 12
BRISBANE, CA. 94005-1010
TEL. (415) 230-6740 FAX. (415) 230-6741

revisions:	no	date	by	description
date:	11-10-13			
scale:	3/8" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W13-58			
sheet	5 of 5			