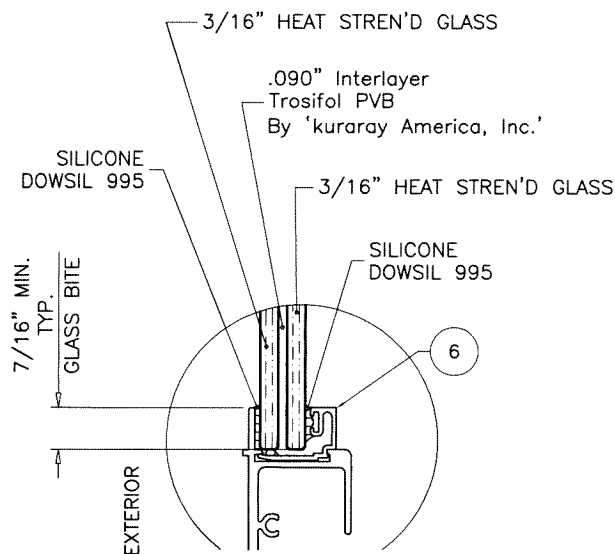




GLAZING DETAIL
7/16" OVERALL LAMINATED GLASS

ALUMINUM HORIZONTAL ROLLING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL 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.

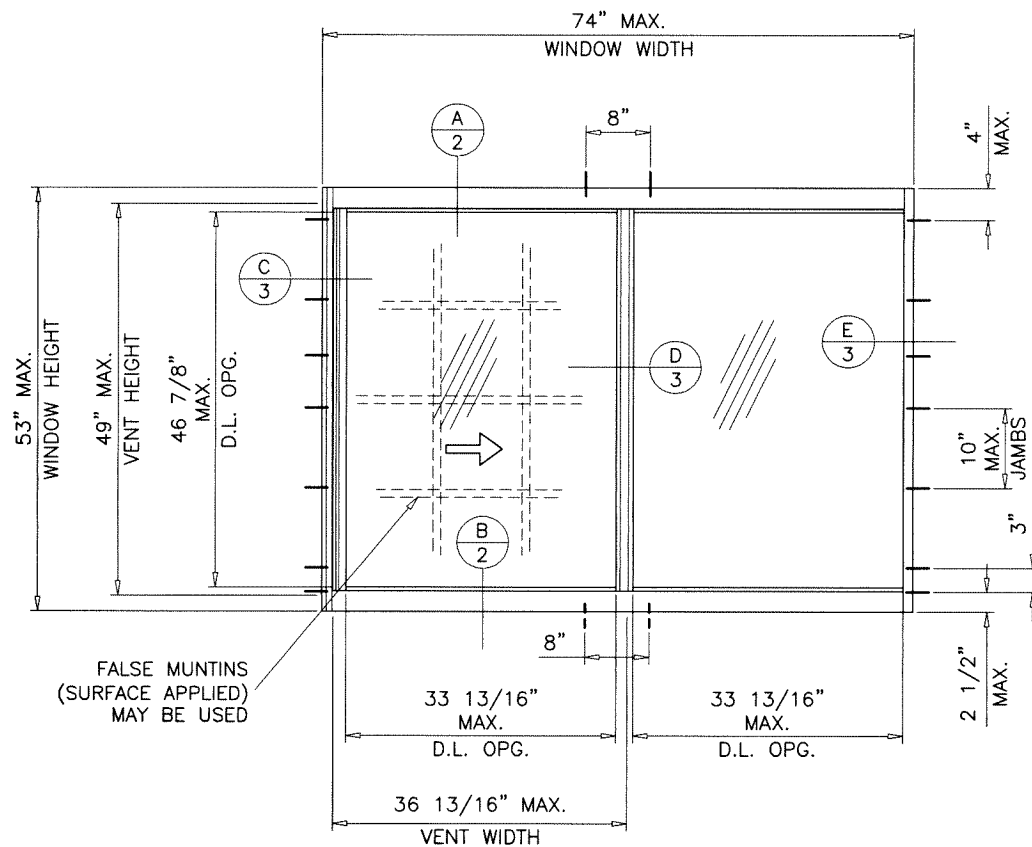
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

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.

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



TYPICAL ELEVATION
(TESTED UNIT)

WINDOWS WITH SILL ANCHORS

MAX. DESIGN LOADS FOR SIZE SHOWN ABOVE OR SMALLER = ± 70.0 PSF

WINDOWS WITHOUT SILL ANCHORS

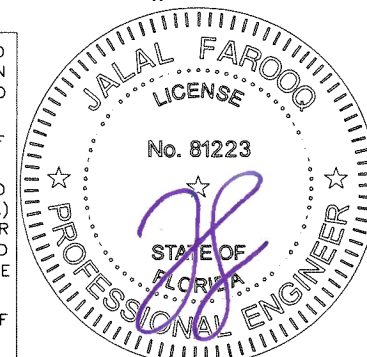
MAX. DESIGN LOADS FOR WINDOWS UPTO 53-1/8" WIDTHS = ± 70.0
FOR WINDOW WIDTHS UPTO 60" = ± 67.2 PSF
FOR WINDOW WIDTHS UPTO 74" = ± 44.0 PSF
MAX. WINDOW HEIGHT 53" FOR ALL WIDTHS

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

Sealed: 9/20/2023

FL #41810

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.



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\22-42F-RGI

ALUMINUM HORIZONTAL ROLLING WDW. (L.M.I.)

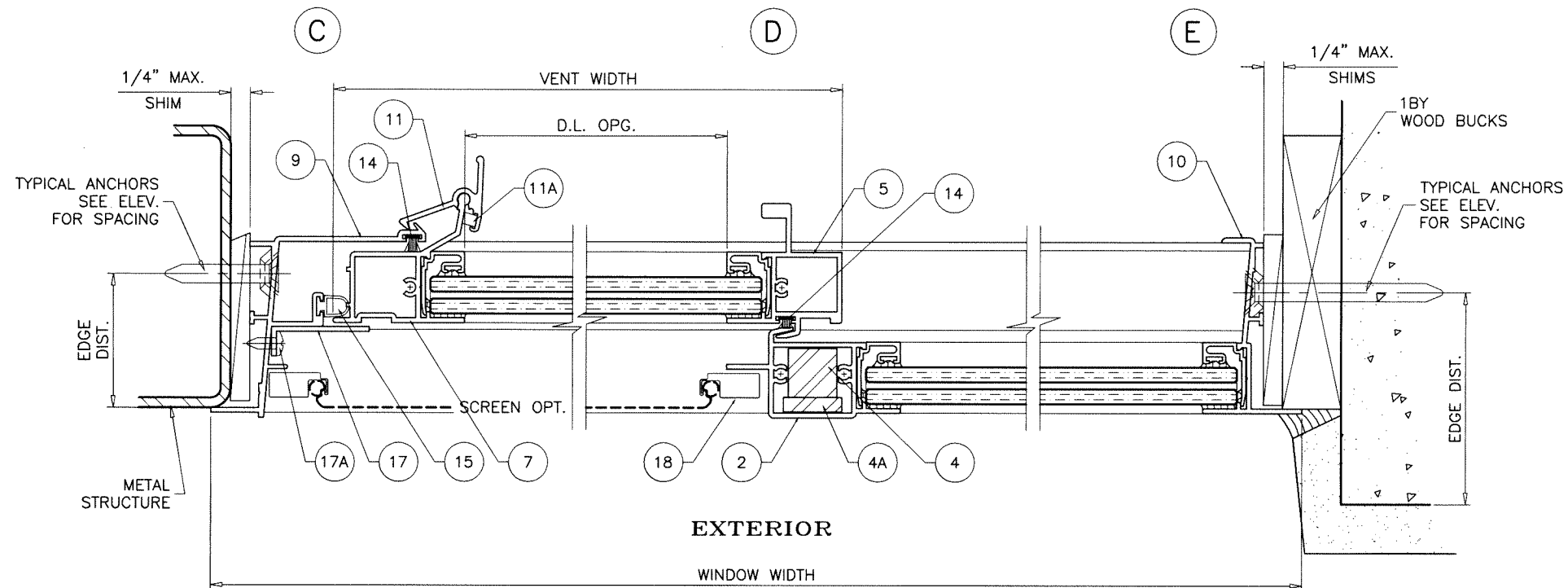
Reylos Glass Impact System Manufacturing, LLC

12400 S.W. 134th Court, Suite 14

Miami, FL 33186

Tel. (786) 732-0362 www.reylosglass.com

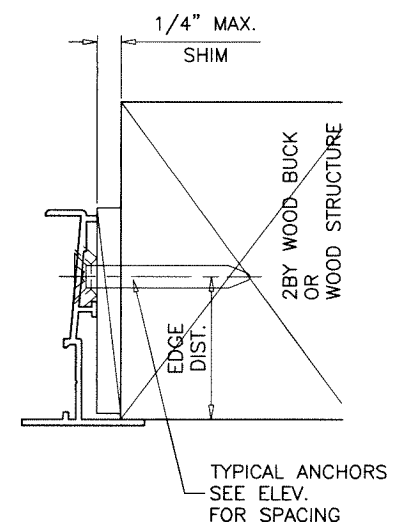
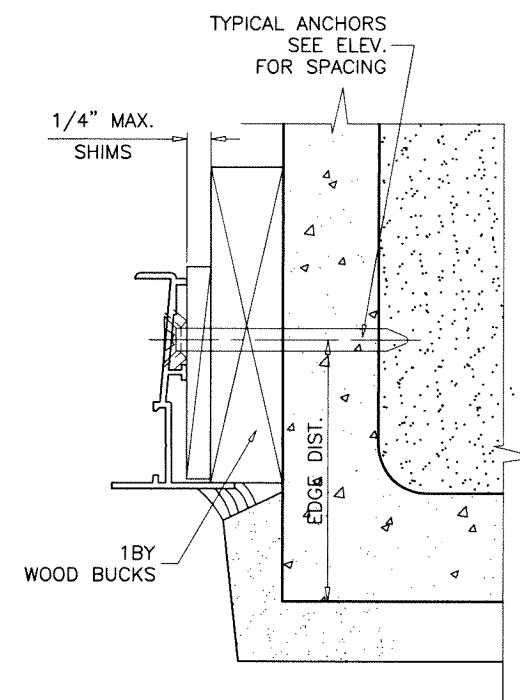
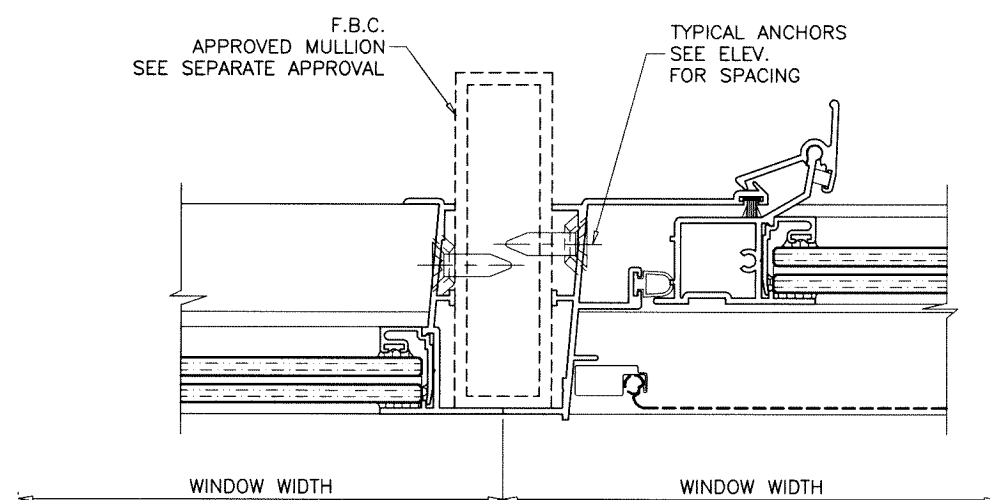
revisions:	no	date	by	description
	A	09.13.23		UPDATED TO 2023 FBC
date:	11-02-22			
scale:	1/2"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.	22-42F			
sheet	1 of 5			



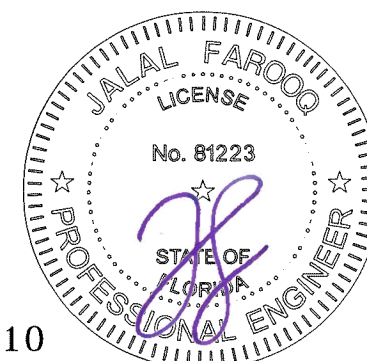
EXTERIOR

WINDOW WIDTH

XO LAYOUT



Sealed: 9/20/2023



FL #41810

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100
 WWW.AFCENG.COM
 FBPE #3538
 COMP-ANL\22-42F-RGI

ALUMINUM HORIZONTAL ROLLING WDW. (L.M.I.)

Reylos Glass Impact System Manufacturing, LLC

12400 S.W. 134th Court, Suite 14

Miami, FL. 33186

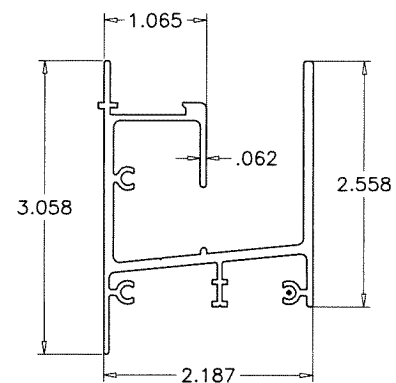
Tel. (786) 732-0362

www.reylosglass.com

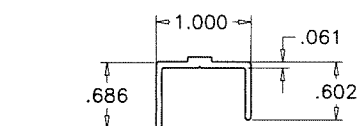
revisions:	no	date	by	description

date: 11-02-22	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
----------------	------------------	---------------	----------

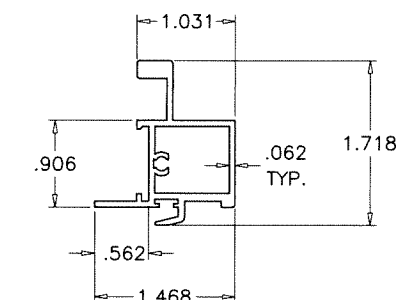
drawing no.
22-42F
 sheet 3 of 5



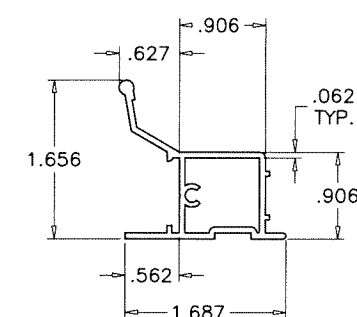
① FRAME HEAD/SILL



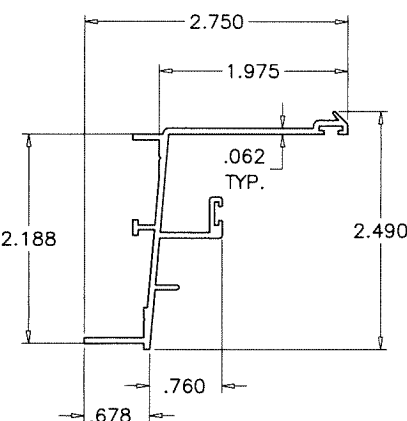
③ SILL TRACK



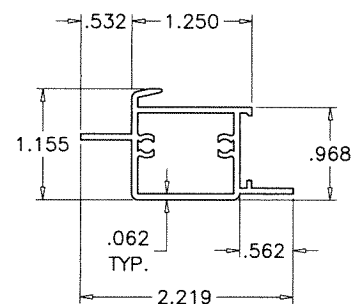
⑤ INTERLOCK STILE



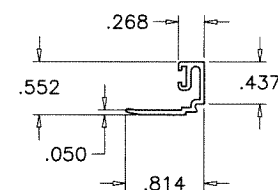
⑦ JAMB STILE



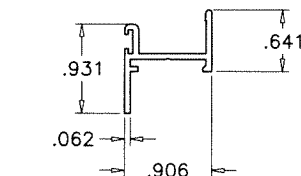
(9) FRAME JAMB (OPERATING)



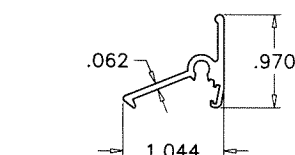
② FIX MTG. STILE



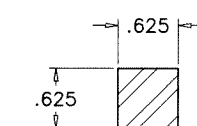
⑥ GLAZING BEAD



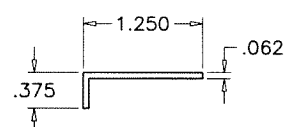
⑧ VENT TOP/BOTTOM RAIL



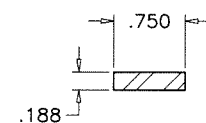
⑪ VENT LATCH



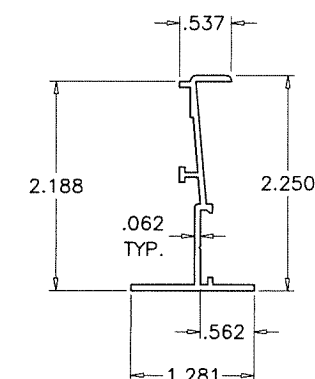
④ FIXED MTG. RAIL REINF.



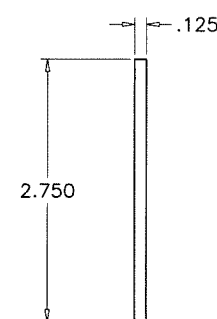
(17) JAMB LINER



REINF. (4A)



(10) FRAME JAMB (FIXED)



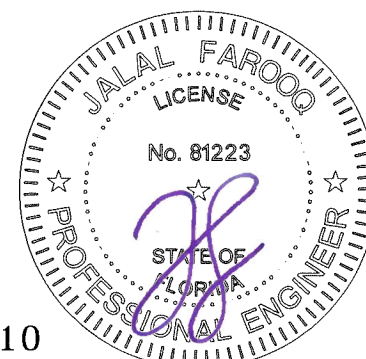
(13) SILL RISER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	H-102	2	FRAME HEAD/SILL	6063-T6	—
2	104	1	FIXED MTG. RAIL	6063-T6	—
3	H-100	1	SILL TRACK	6063-T6	—
4	R-1	1	FIX MTG. RAIL REINF.	STEEL	A36, Fu MIN. = 58 KSI
4A	—	1	FIX MTG. RAIL REINF.	STEEL	A36, Fu MIN. = 58 KSI
5	105	1	INTERLOCK STILE	6063-T6	—
6	GL-1	AS RQD.	GLAZING BEAD	6063-T6	—
7	106	1	JAMB STILE	6063-T6	—
8	107	2	VENT TOP/ BOTTOM RAIL	6063-T6	—
9	102	1	FRAME JAMB (OPERATING)	6063-T6	—
10	101	1	FRAME JAMB (FIXED)	6063-T6	—
11	VW-108	2/VENT	VENT LATCH @ 8" FROM EACH END	6063-T6	—
11A	VW-116	1/LATCH	LATCH SPRING	ST. STEEL	—
12	#8 X 1"	AS REQD.	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS
12A	#8 X 3"	AS REQD.	FIX. RAIL ASSEMBLY SCREWS	CRS	PH SMS
13	—	1	SILL RISER	6063-T6	SILICONED TO SILL
14	W73231NK00B	AS REQD.	PILE W'STRIPPING WITH PLASTIC FIN	—	SCHLEGEL
15	—	AS REQD.	BULB W'STRIPPING	VINYL	—
16	—	—	—	—	—
17	VW-112	—	VENT JAMB LINER	6063-T6	—
17A	#8 X 1/2"	AS REQD.	LINER FASTENERS AT 4" FROM ENDS & 10" O.C. MAX.	CRS	PH SMS
18	—	1	5/16" BOX SCREEN	—	OPTIONAL
19	—	2/ VENT	ROLLER HOUSING & GUIDE	PLASTIC/ ST. STEEL	—

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
DOWSIL 795 SILICONE SEALANT.

Sealed: 9/20/2023



FL #41810

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

ALUMINUM HORIZONTAL ROLLING WDW. (L.M.I.)

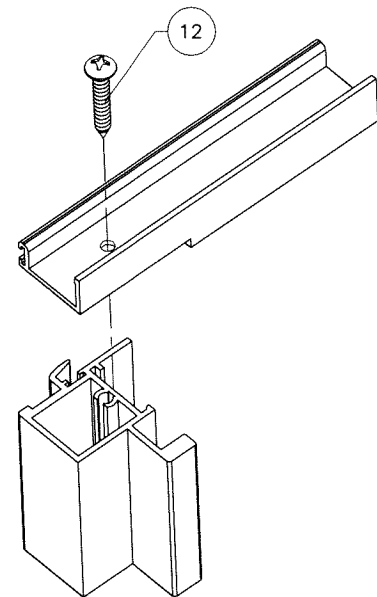
Reylos Glass Impact System Manufacturing, LLC
12400 S.W. 134th Court, Suite 14
Miami, FL. 33186
Tel. (786) 732-0362 www.reylosglass.com

[illegible]

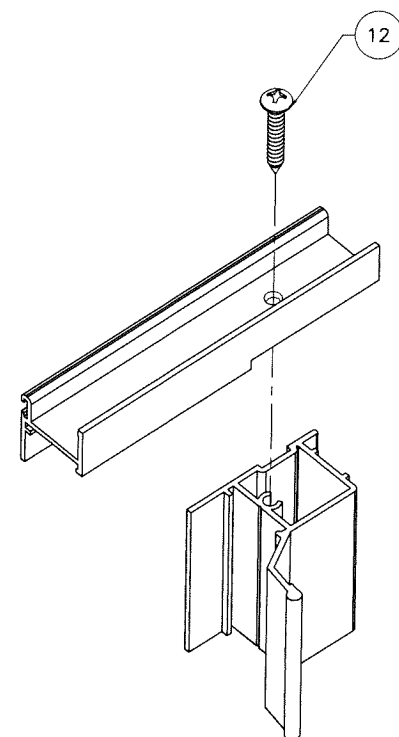
date: 11-02-22
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
22-42F

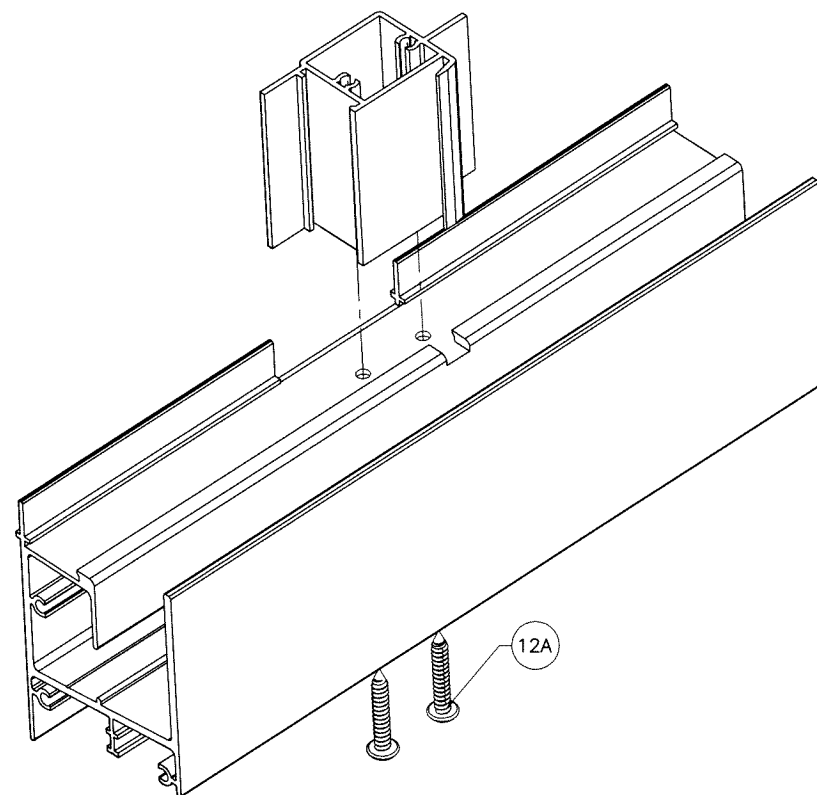
sheet 4 of 5



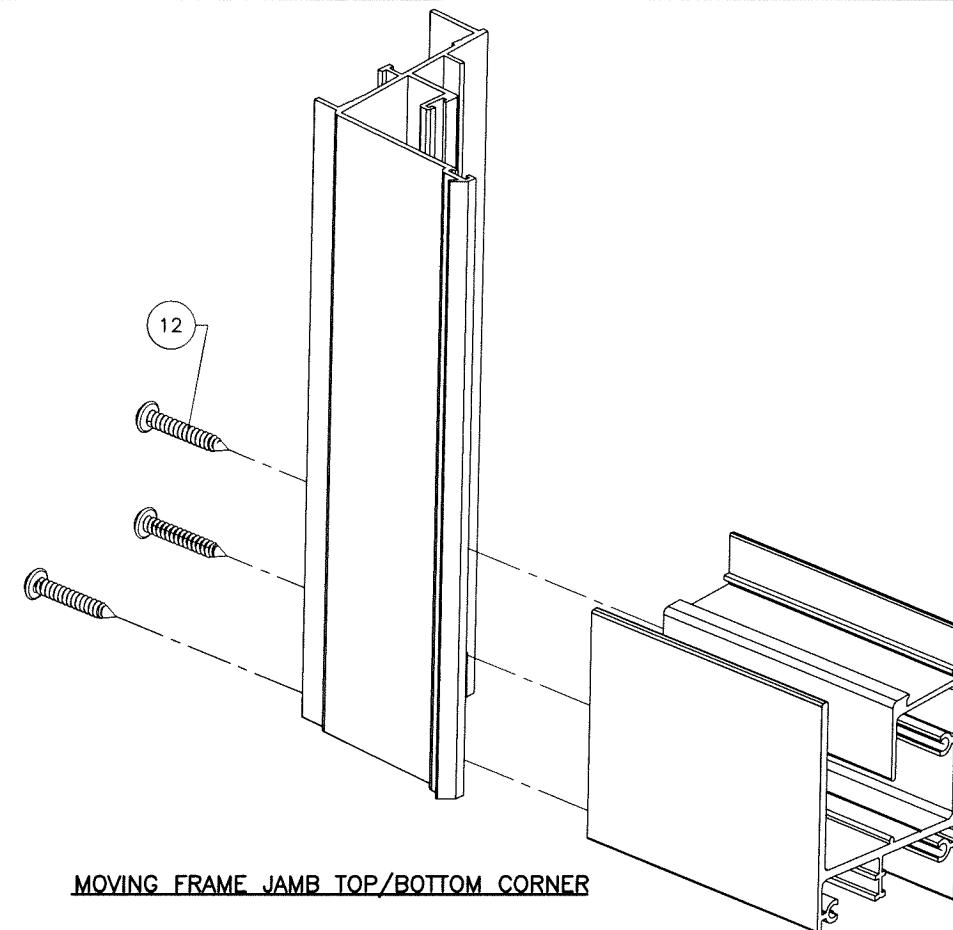
VENT MTG. RAIL TOP/BOTTOM CORNER



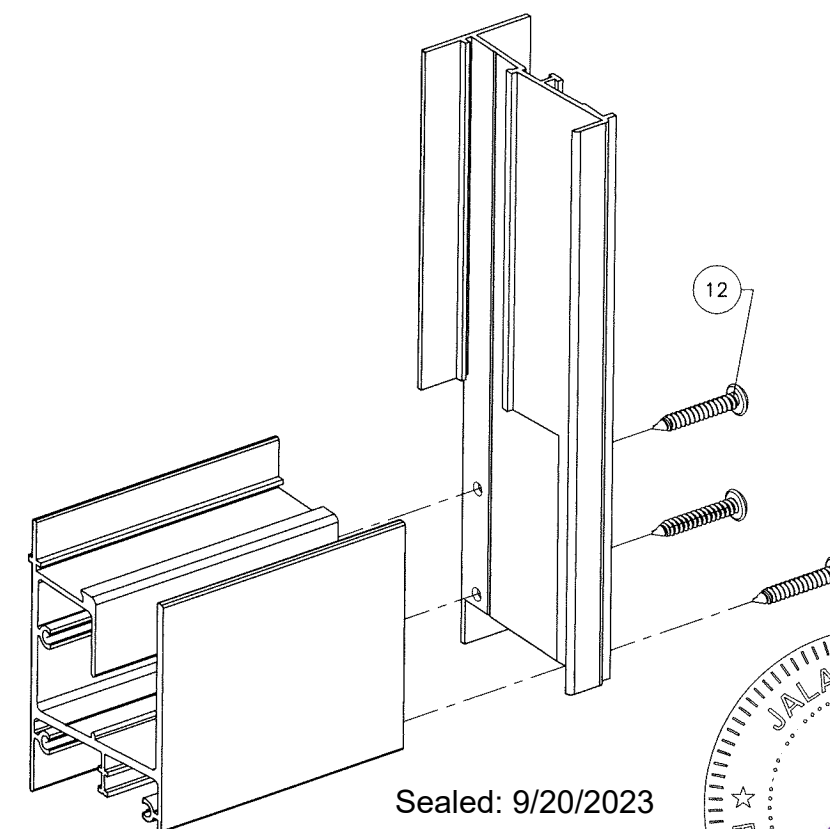
VENT MTG. RAIL TOP/BOTTOM CORNER



FIXED RAIL BOTTOM CORNER

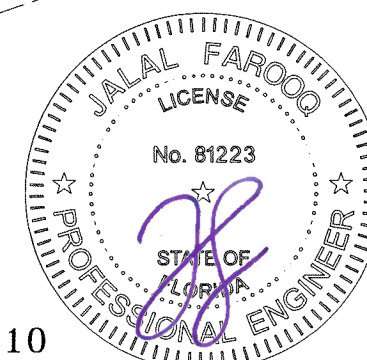


MOVING FRAME JAMB TOP/BOTTOM CORNER



FIXED FRAME JAMB TOP/BOTTOM CORNER

Sealed: 9/20/2023



FL #41810

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

ALUMINUM HORIZONTAL ROLLING WDW. (L.M.I.)

Reylos Glass Impact System Manufacturing, LLC
12400 S.W. 134th Court, Suite 14
Miami, FL 33186
Tel. (786) 732-0362 www.reylosglass.com

date: 11-02-22	revisions:								
scale: 1/2" = 1"	no	date	by	description					
dr. by: TARIQ									
chk. by:									
drawing no. 22-42F									
sheet 5 of 5									