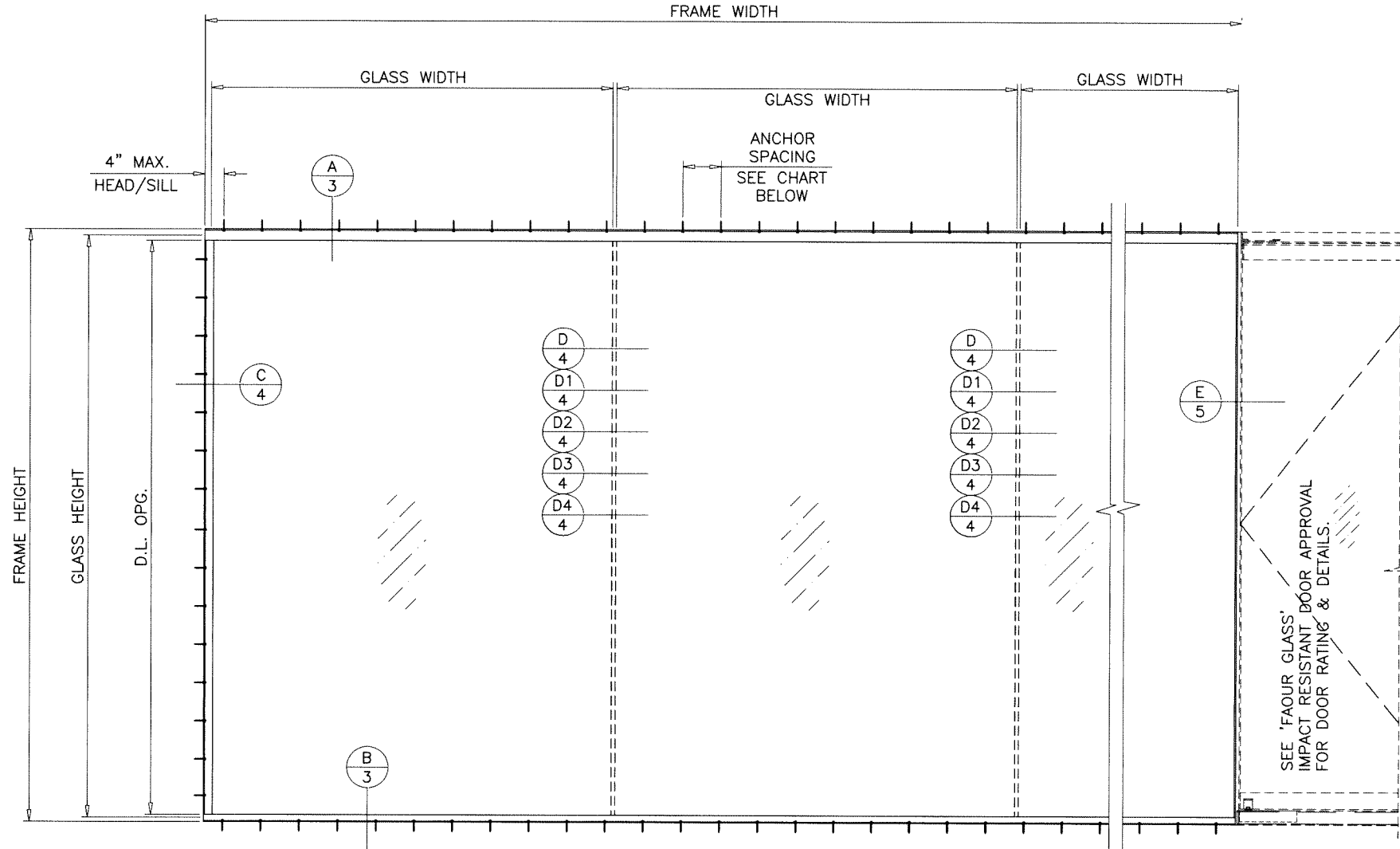
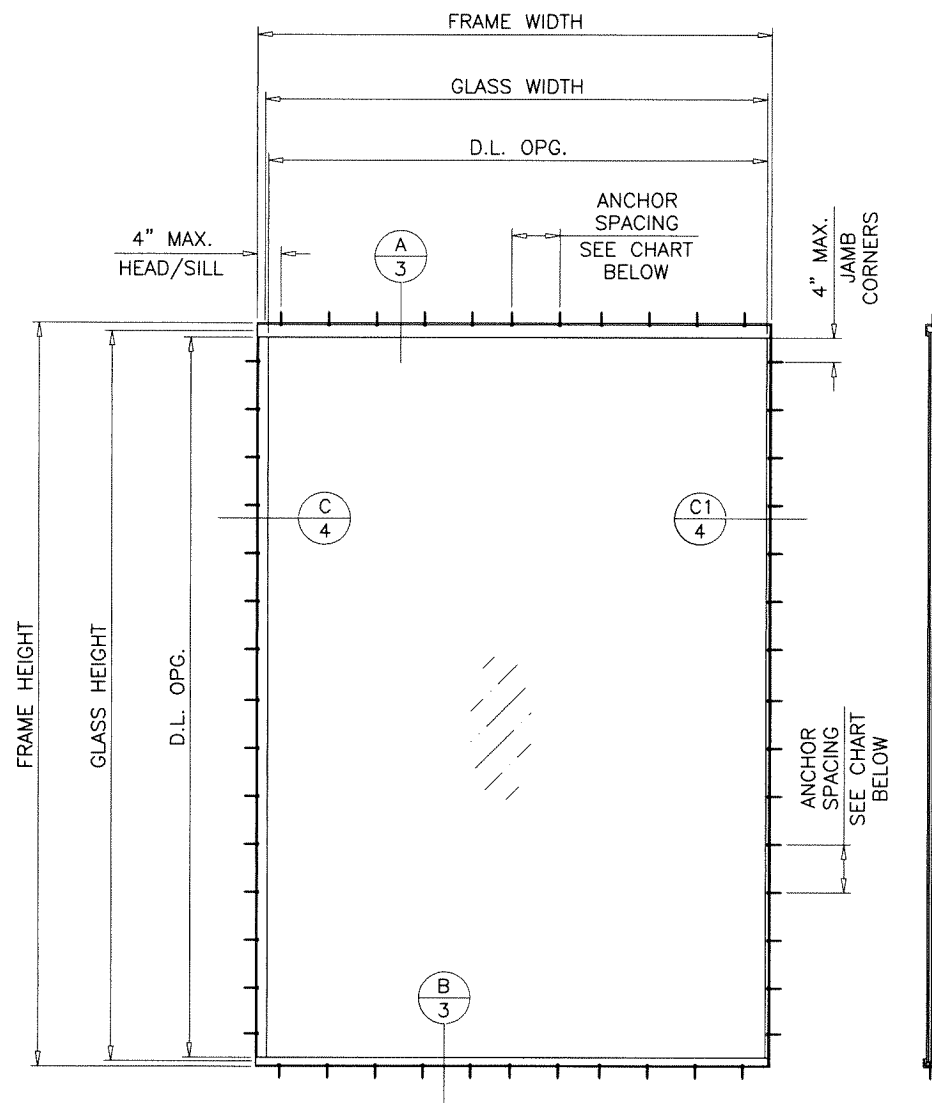




TYPICAL ELEVATIONS

ANCHOR TYPE	ANCHOR SPACING INCHES		
	HEAD	SILL	JAMBS
A	4"	4"	6-3/4"
B	8	8	8
C	-	-	6-3/4
D	8	8	8

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

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

SERIES 'SLIMPACT X' GLASS WALL 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.

Sealed: 8/21/2023

APPROVAL APPLIES TO SINGLE LITE UNITS OR MULTIPLE LITES UNIT INSTALLATIONS

FOR SINGLE LITE UNITS SEE CHART #1 ON SHEET 2.

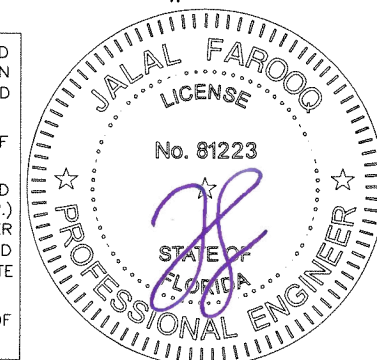
FOR MULTIPLE LITES UNIT SEE CHART #2 ON SHEET 2.

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.



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 'SLIMPACT X' SSG GLASS WALL SYSTEM (L.M.I.)
Faour Glass Technologies
5119 West Knox Street
Tampa, FL. 33634
Tel. (813) 884-3297 Fax. (-)

revisions:	no	date	description	by
	A	04.11.18	SERIES NAME REV.	
	B	12.12.18	CHART ADDED	
	C	10.05.20	UPDATED TO 2020 FBC	
	D	08.16.23	UPDATED TO 2023 FBC	
date:	11-08-17			
scale:	3/8"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.				
	W17-104			
sheet	1 of 5			

COMP-ANL\W17-104FGT

CHART #1

DESIGN LOAD CAPACITY – PSF SINGLE LITE UNITS					
D.L.O. DIMS.		1/2" MIN. GLASS BITE AT JAMBS		7/8" MIN. GLASS BITE AT JAMBS	
WIDTH	HEIGHT	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)
42"	42"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0
96"		60.0	60.0	70.0	70.0
120"		60.0	60.0	70.0	70.0
132"		60.0	60.0	70.0	70.0
168"		60.0	60.0	70.0	70.0
240"		60.0	60.0	70.0	70.0
42"	60"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0
96"		60.0	60.0	70.0	70.0
120"		60.0	60.0	70.0	70.0
132"		60.0	60.0	70.0	70.0
168"		60.0	60.0	70.0	70.0
42"	72"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0
96"		60.0	60.0	70.0	70.0
120"		60.0	60.0	70.0	70.0
132"		60.0	60.0	70.0	70.0
140"		60.0	60.0	70.0	70.0
42"	84"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0
96"		60.0	60.0	70.0	70.0
120"		60.0	60.0	70.0	70.0
42"	96"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0
96"		60.0	60.0	61.3	61.3
		60.0	60.0	61.3	61.3
105"		60.0	60.0	61.3	61.3
42"	120"	60.0	60.0	70.0	70.0
60"		60.0	60.0	70.0	70.0
72"		60.0	60.0	70.0	70.0
84"		60.0	60.0	70.0	70.0

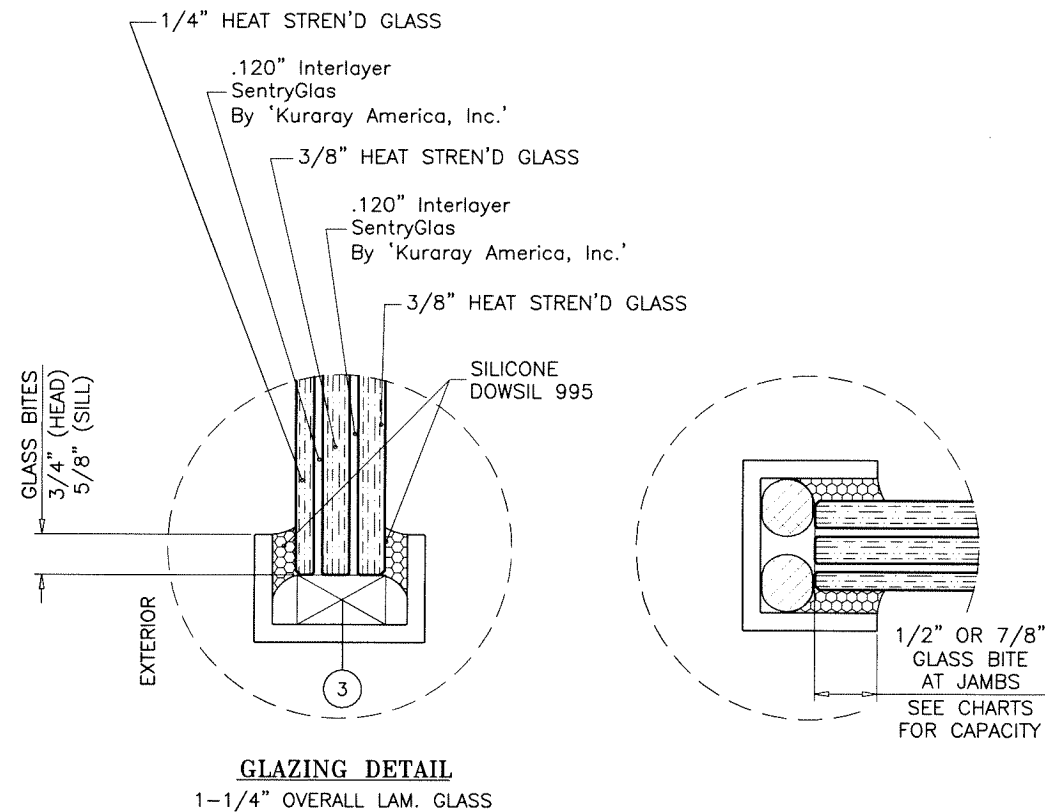
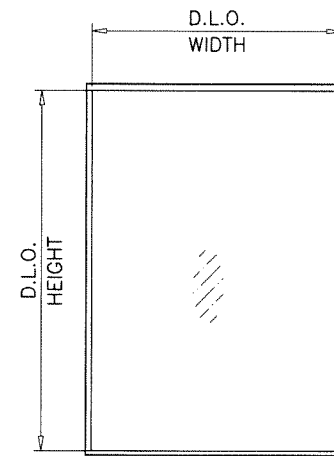
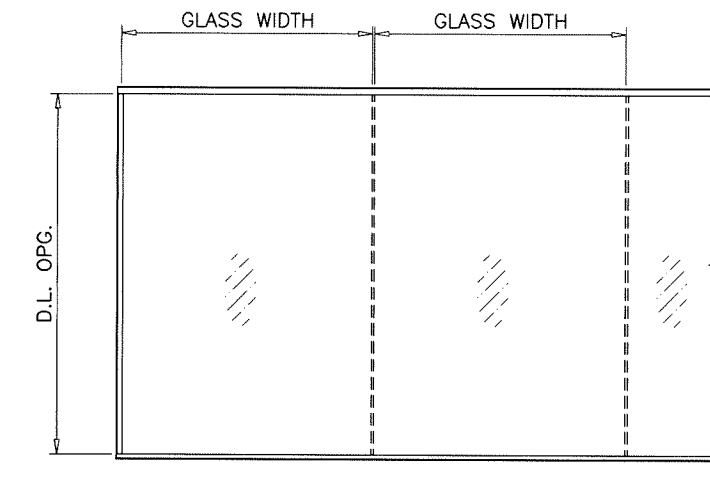


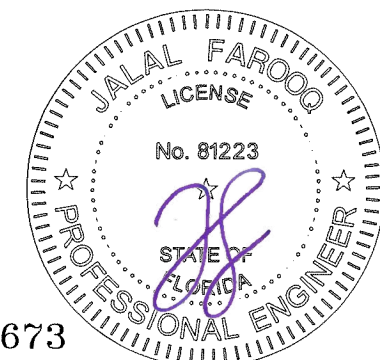
CHART #2

DESIGN LOAD CAPACITY – PSF MULTIPLE LITES UNIT					
DIMS.		1/2" MIN. GLASS BITE AT JAMBS		7/8" MIN. GLASS BITE AT JAMBS	
GLASS WIDTH	D.L.O. HEIGHT	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)
84"	120"	60.0	60.0	70.0	70.0
105"	96"				
120"	84"				
140"	72"				
168"	60"				
240"	42"				



Sealed: 8/21/2023

FL #25673

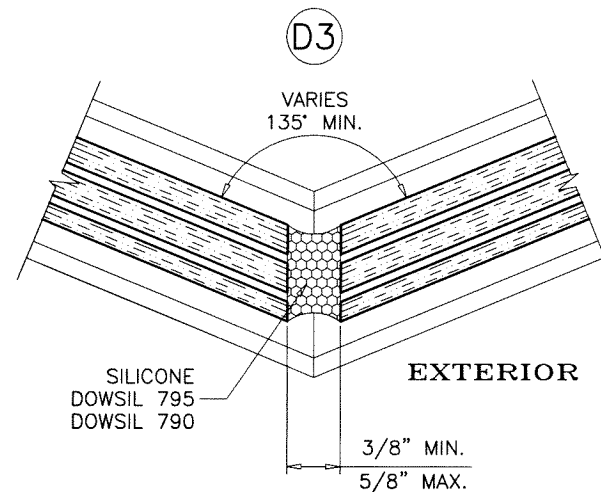
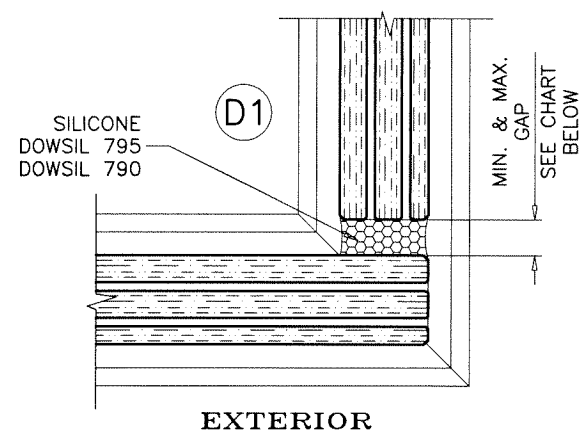
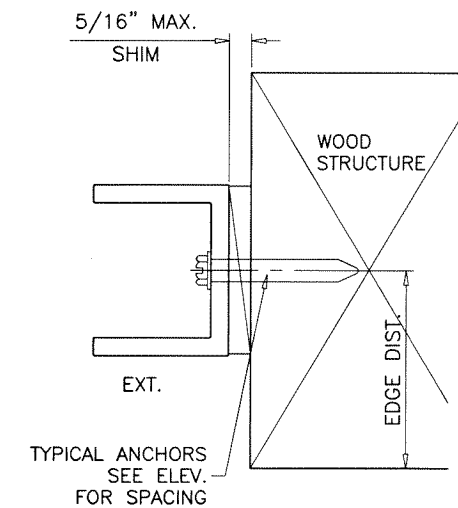


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
(C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 'SLIMPACT X' SSG GLASS WALL SYSTEM (L.M.I.)

Faour Glass Technologies
5119 West Knox Street
Tampa, FL 33634
Tel. (813) 884-3297 Fax. (-)

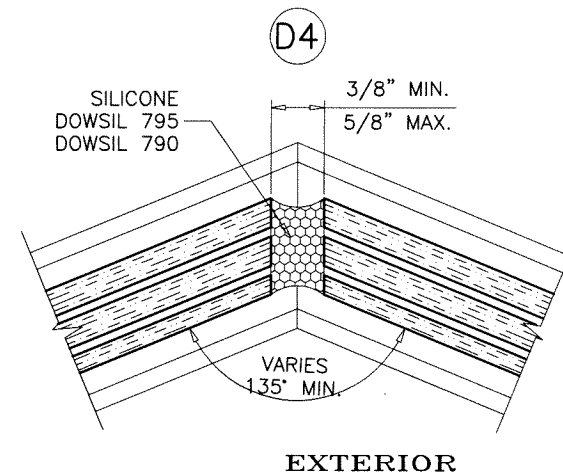
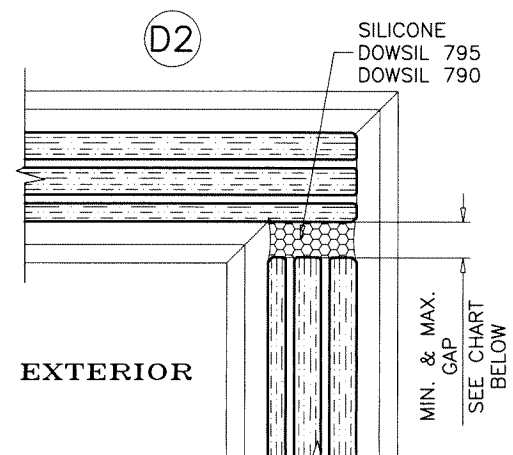
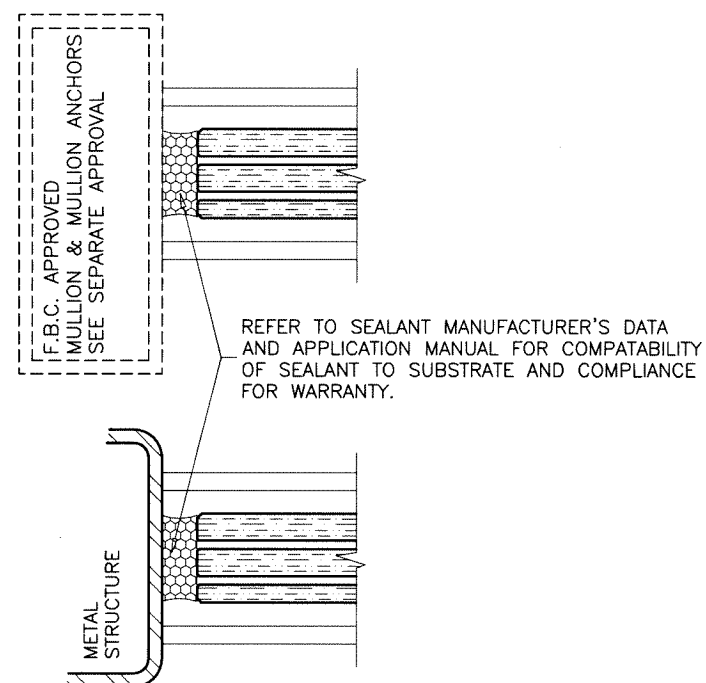
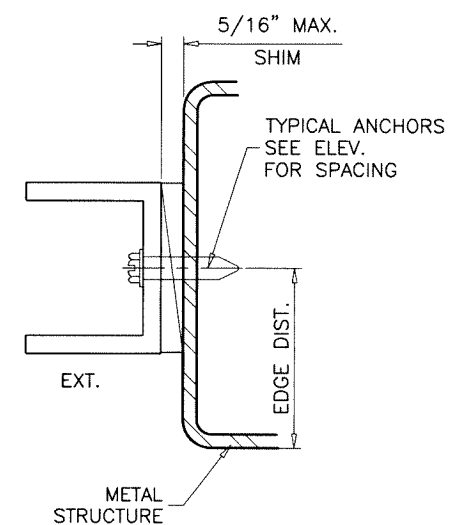
[illegible]



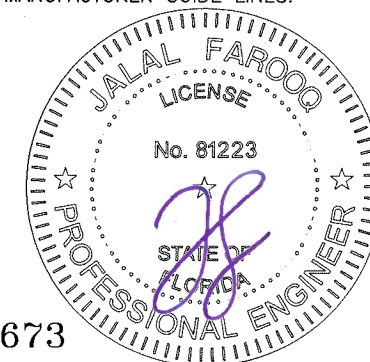
	GAP			
MAX. FRAME HEIGHT	DOWSIL 795		DOWSIL 790	
	MIN.	MAX.	MIN.	MAX.
60"	5/16"	3/4"	3/16"	3/4"
76"	3/8"	3/4"	1/4"	3/4"
100"	1/2"	3/4"	3/8"	3/4"
124"	5/8"	3/4"	7/16"	3/4"

NOTE:
MAX. MOVEMENT CONSIDERED=50% STRETCH FOR DOWSIL 795.
MAX. MOVEMENT CONSIDERED=100% STRETCH FOR DOWSIL 790.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY
ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.



Sealed: 8/21/2023



FL #25673

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

SERIES 'SLIMPACT X' SSG GLASS WALL SYSTEM (L.M.I.)

Faour Glass Technologies

5119 West Knox Street
Tampa, FL. 33634

Tel. (813) 884-3297 Fax. (-)

revisions:
no date by description

date: 11-08-17

scale: $3/8" = 1"$

dr. by: TARIQ

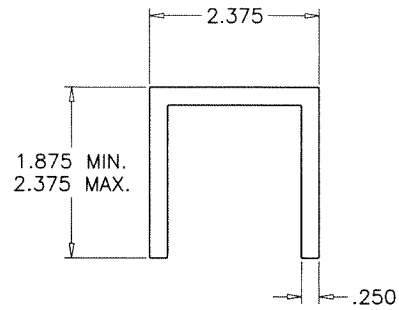
chk. by:

drawing no.

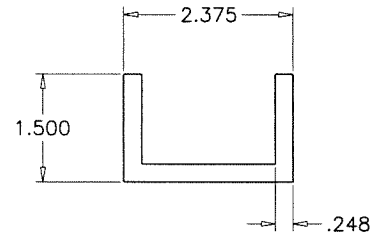
W17-104

sheet 4 of 5

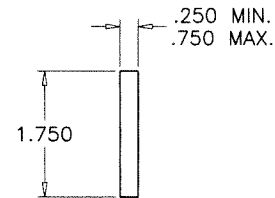
COMP-ANL\W17-104FGT



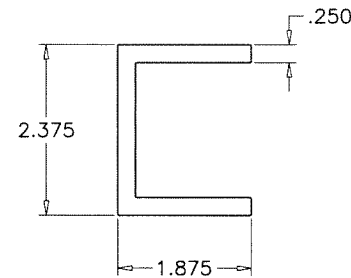
1 TOP CHANNEL



2 BOTTOM CHANNEL



6 JAMB BAR (OPTIONAL)

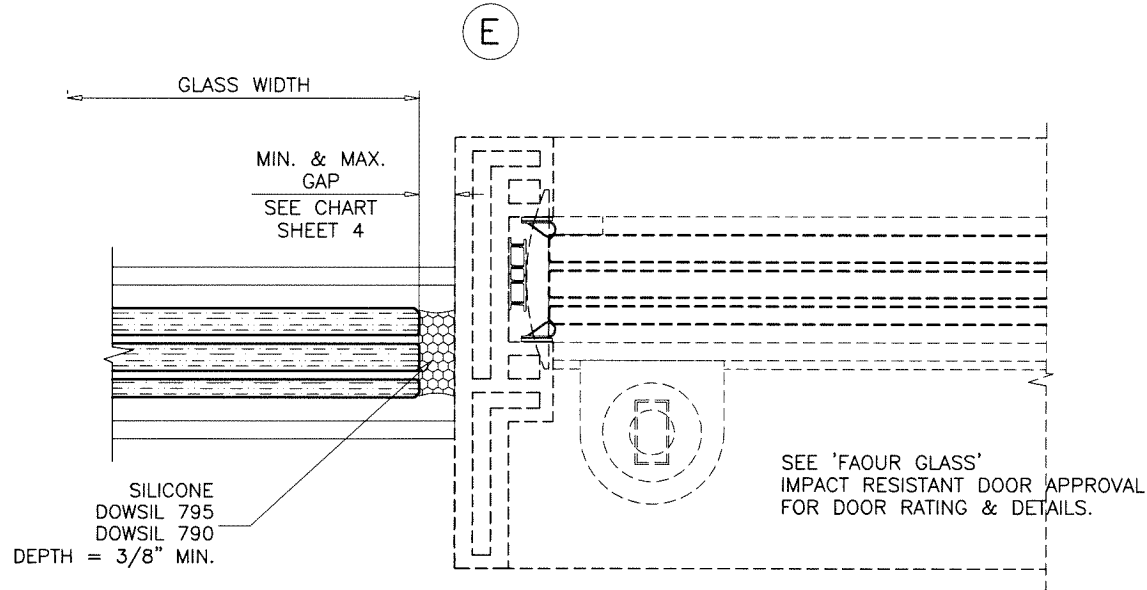


7 SIDE CHANNEL

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	TOP CHANNEL	6063-T4	-
2	-	AS REQD.	BOTTOM CHANNEL	6063-T4	-
3	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
4	-	AS REQD.	3/8" DIA. BACKER ROD	FOAM	-
5	DOWSIL 995	AS REQD.	GLAZING COMPOUND	SILICONE	-
6	-	AS REQD.	JAMB BAR (OPTIONAL)	6063-T4	-
7	-	AS REQD.	SIDE CHANNEL	6063-T4	-

SEALANT:

ALL FRAME JOINTS SQUARE-CUT AND BUTTED,
SEALED WITH DOWSIL 123 SILICONE SEAL TAPE.

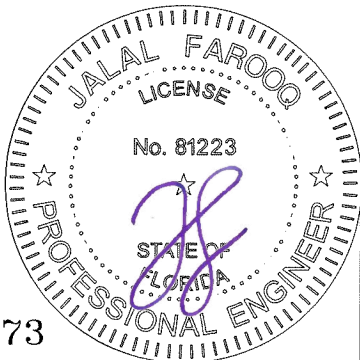


SEE SEPARATE APPROVAL FOR DESIGN LOAD
CAPACITY OF DOOR AND DOOR ANCHORS.

LOWER VALUES FROM DOOR APPROVAL
OR GLASS WALL SYSTEM CAPACITY WILL
APPLY TO ENTIRE SYSTEM.

Sealed: 8/21/2023

FL #25673



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
COMP-ANL\W17-104FGT

SERIES 'SLIMPACT X' SSG GLASS WALL SYSTEM (L.M.I.)
Faour Glass Technologies
5119 West Knox Street
Tampa, FL. 33634
Tel. (813) 884-3297 Fax. (-)

revisions:	no	date	by	description
date:	11-08-17			
scale:	3/8" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W17-104			
sheet	5 of 5			