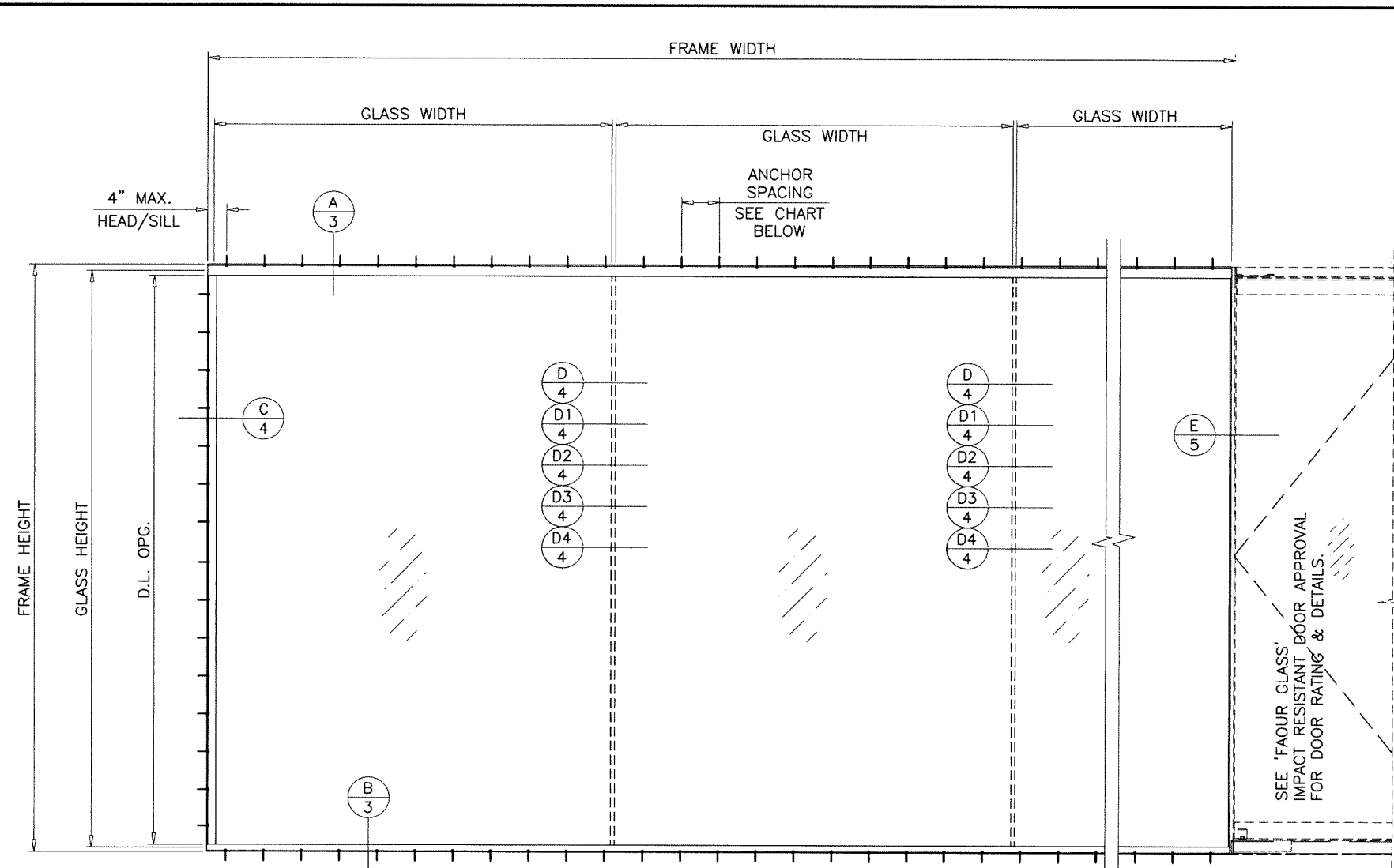
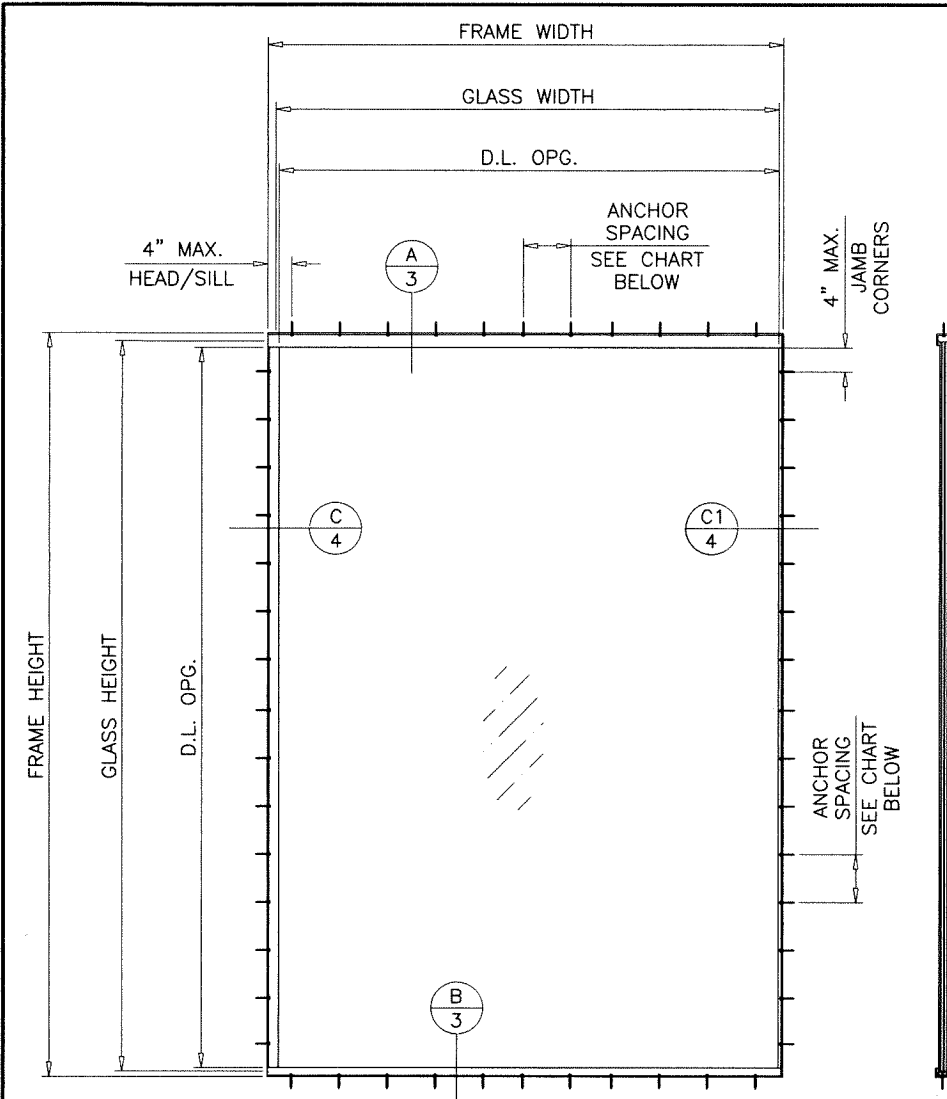




TYPICAL ELEVATIONS

SERIES 'SLIMPACT X' GLASS WALL SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 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.

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

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

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

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.

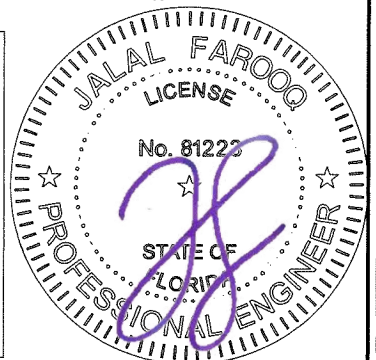
Sealed: 9/18/2026 FL #25673

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.



NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS).

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

no	date	by	description
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
E	09.18.26		UPDATED TO 2026 FBC

date: 11-08-17 scale: 3/8"=1'-0" dr. by: TARIQ chk. by:

drawing no. **W17-104**

sheet 1 of 5

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"	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
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

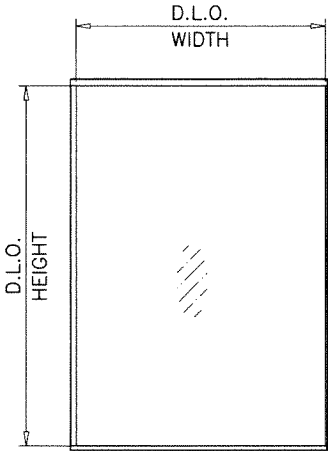
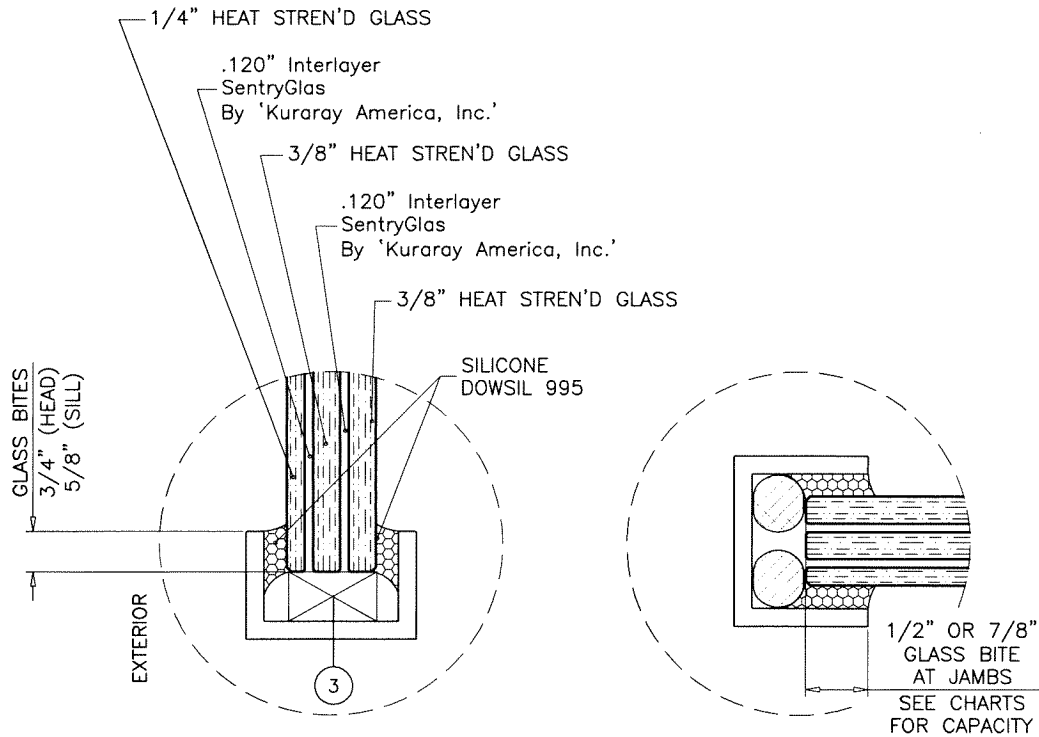
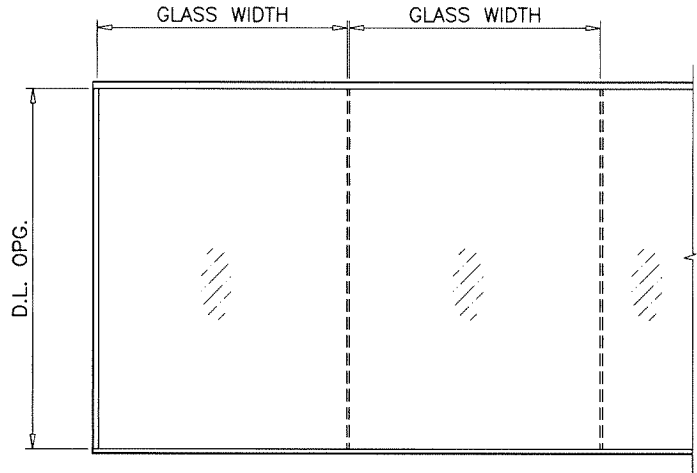


CHART #2

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"				



GLAZING DETAIL
1-1/4" OVERALL LAM. GLASS

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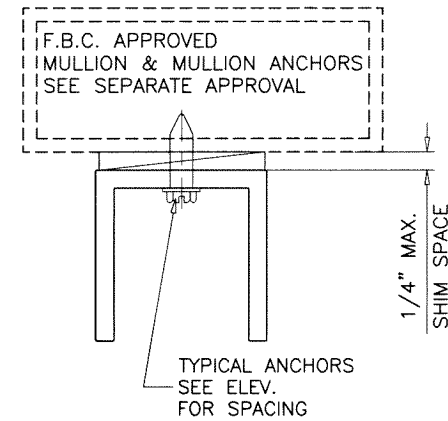
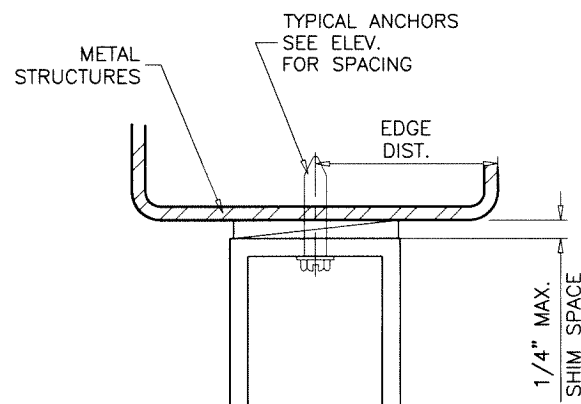
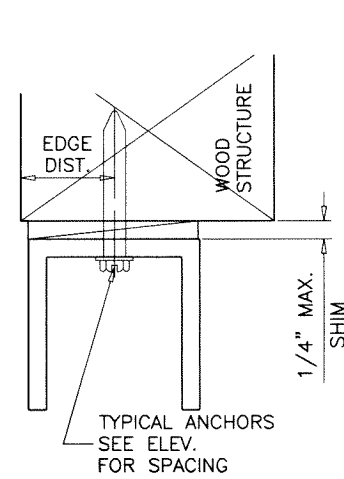
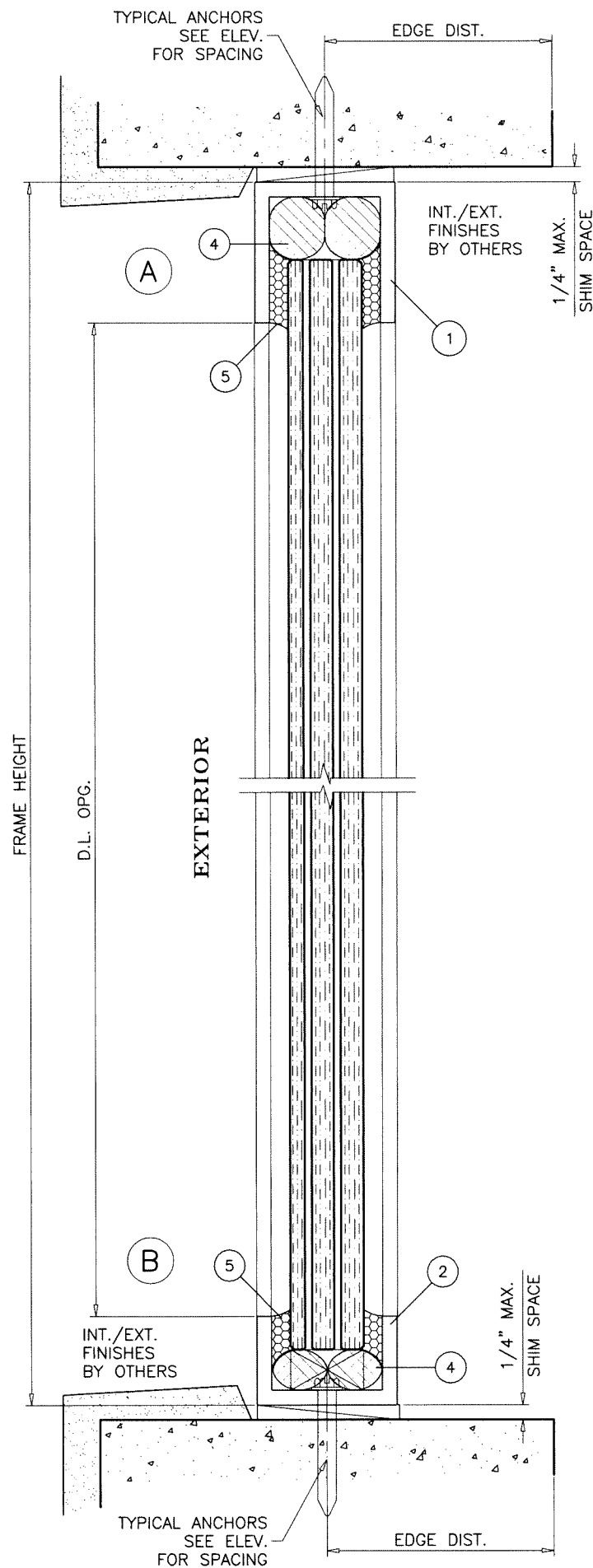
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

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 by description

date: 11-08-17
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W17-104
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'FAOUR GLASS'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

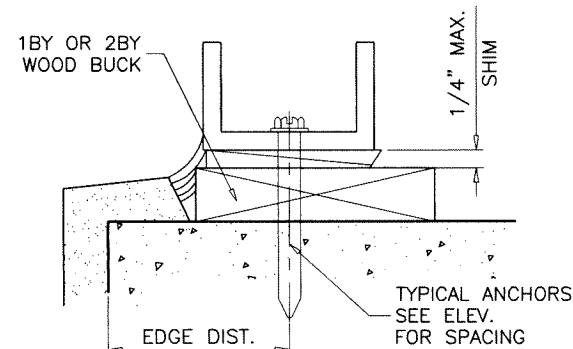
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- ANCHOR 'A'—** 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 INTO 2BY WOOD STRUCTURES
 1-7/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
- ANCHOR 'B'—** 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 DIRECTLY INTO CONCRETE
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
- ANCHOR 'C'—** 5/16" DIA. ULTRACON BY 'DEWALT' ($F_u=177$ KSI, $F_y=155$ KSI)
 DIRECTLY INTO BLOCKS
 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
- ANCHOR 'D'—** 5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
5/16" DIA. ST. STEEL MACHINE SCREW ($F_u=120$ KSI MIN., $F_y=92$ KSI MIN.)
 INTO METAL STRUCTURES
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE (FOR TEKS)
 1/4" EMBEDMENT INTO SUBSTRATE (FOR MACHINE SCREWS)
 ALUMINUM: 1/4" THK. (6063-T5)
 STEEL: 1/4" THK. MIN. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

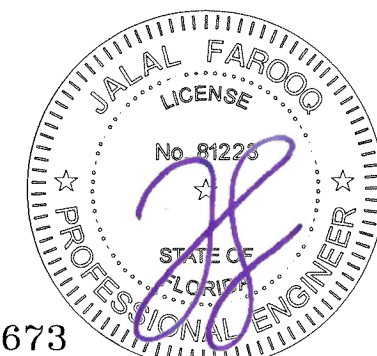
INTO CONC. OR BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.



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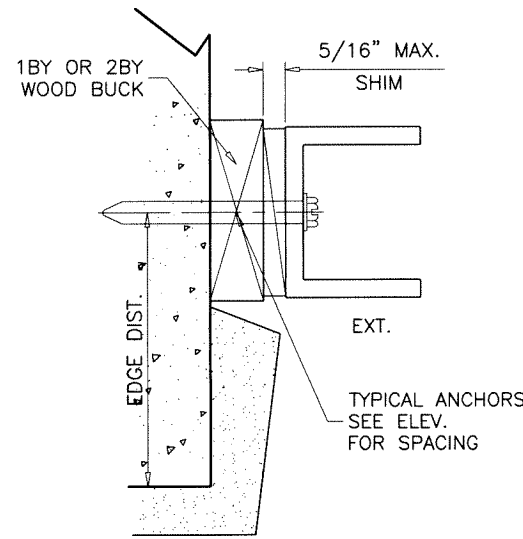
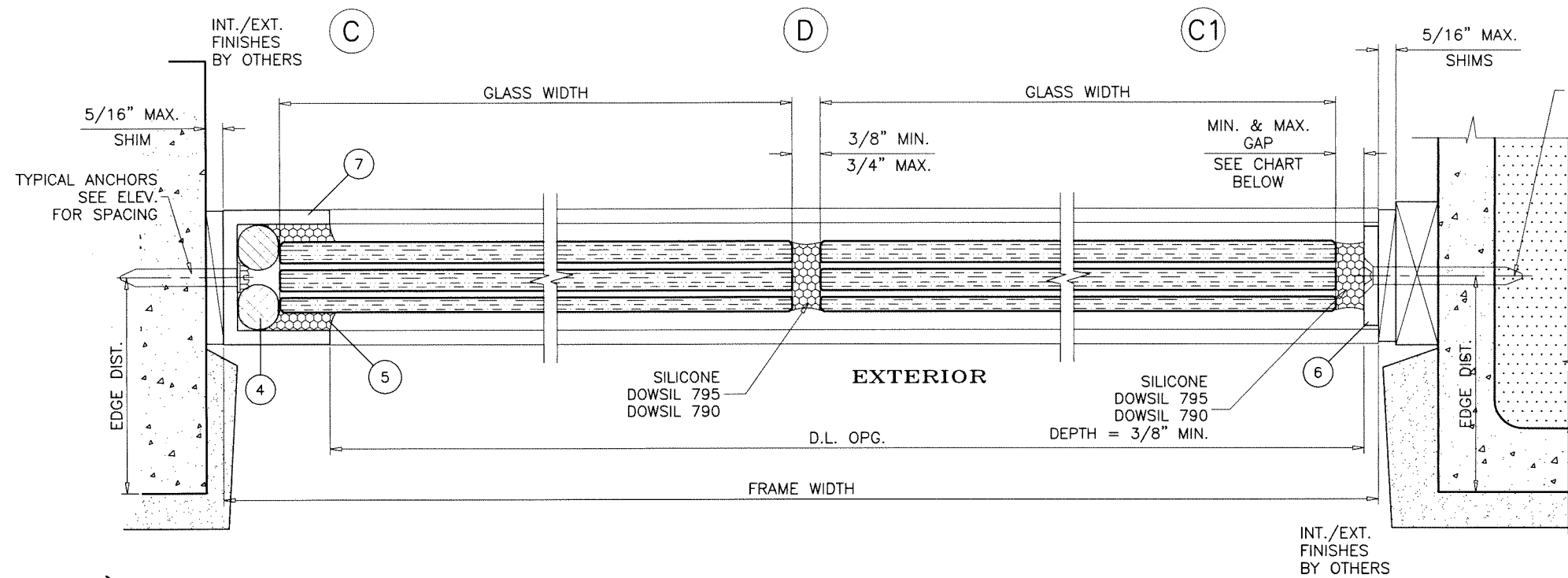


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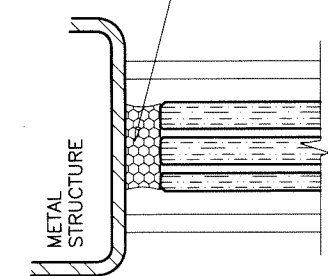
SERIES 'SLIMPACT X' SSG GLASS WALL SYSTEM (L.M.I.)

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 Tampa, FL 33634
 Tel. (813) 884-3297 Fax. (-)

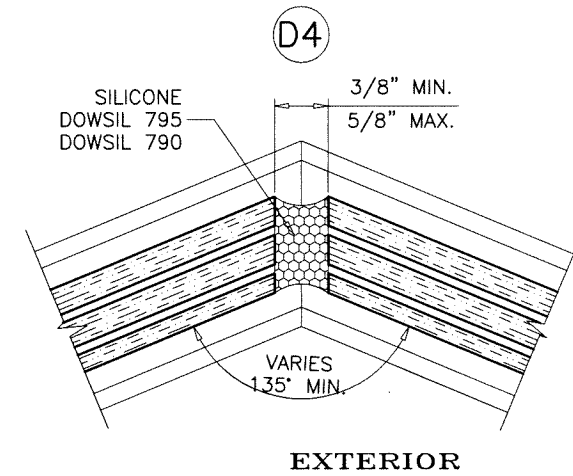
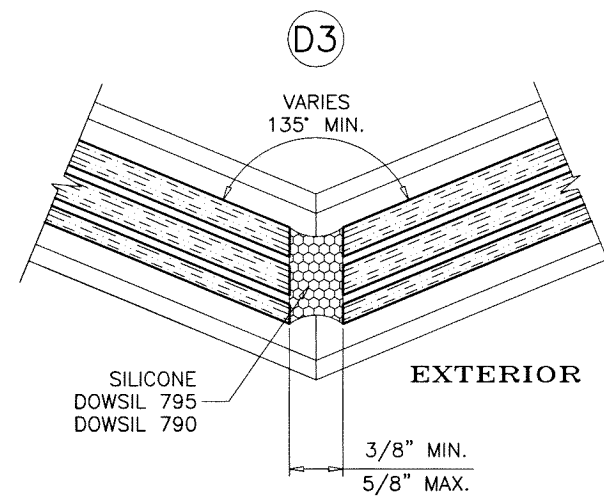
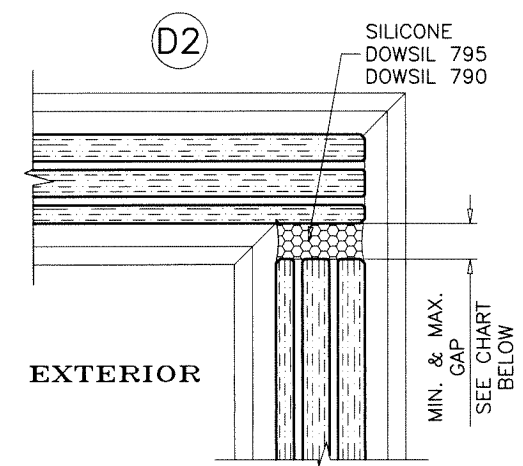
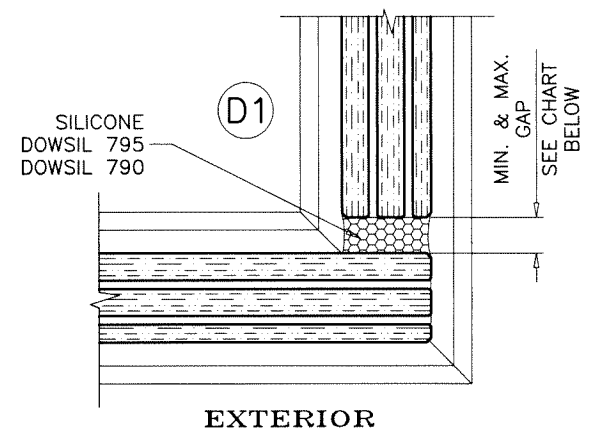
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date:	11-08-17	scale:	3/8" = 1"	dr. by:	TARIQ	chk. by:	
drawing no.		W17-104					
sheet		3 of 5					



IF B.C. APPROVED
MULLION & MULLION ANCHORS
(SEE SEPARATE APPROVAL)



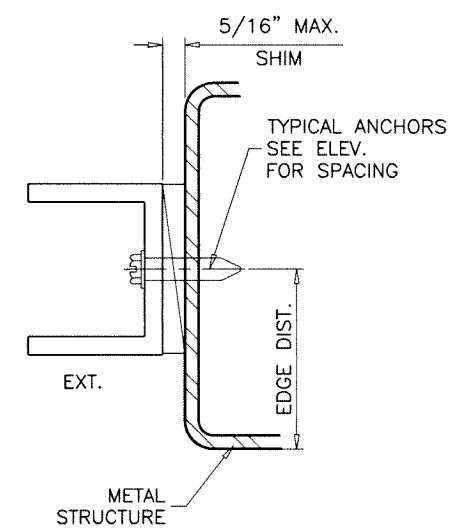
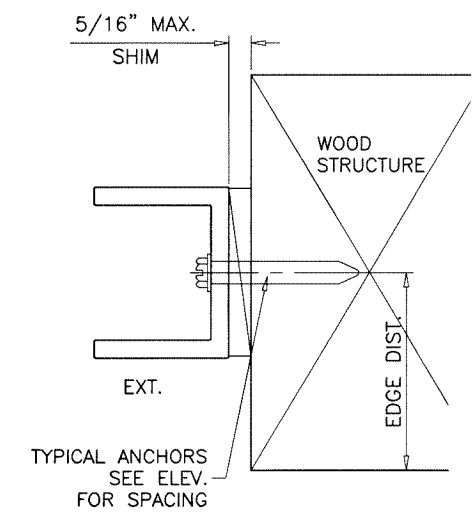
REFER TO SEALANT MANUFACTURER'S DATA
AND APPLICATION MANUAL FOR COMPATABILITY
OF SEALANT TO SUBSTRATE AND COMPLIANCE
FOR WARRANTY.



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

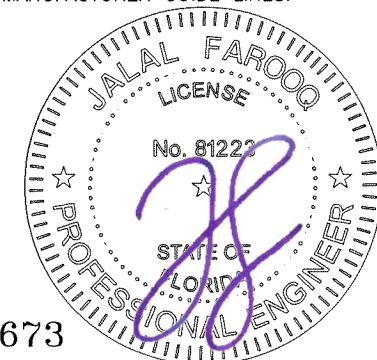
NOTE:
MAX. MOVEMENT CONSIDERED=50% STRETCH FOR DOWSIL 795.
MAX. MOVEMENT CONSIDERED=100% STRETCH FOR DOWSIL 790.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
REFER TO ACI-117-10 FOR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

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



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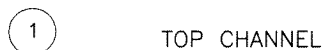
FL #25673



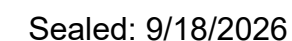
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dr. by:	TARIQ	chk. by:		
drawing no.	W17-104			
sheet	4 of 5			

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.



a f c

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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sheet 5 of 5

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