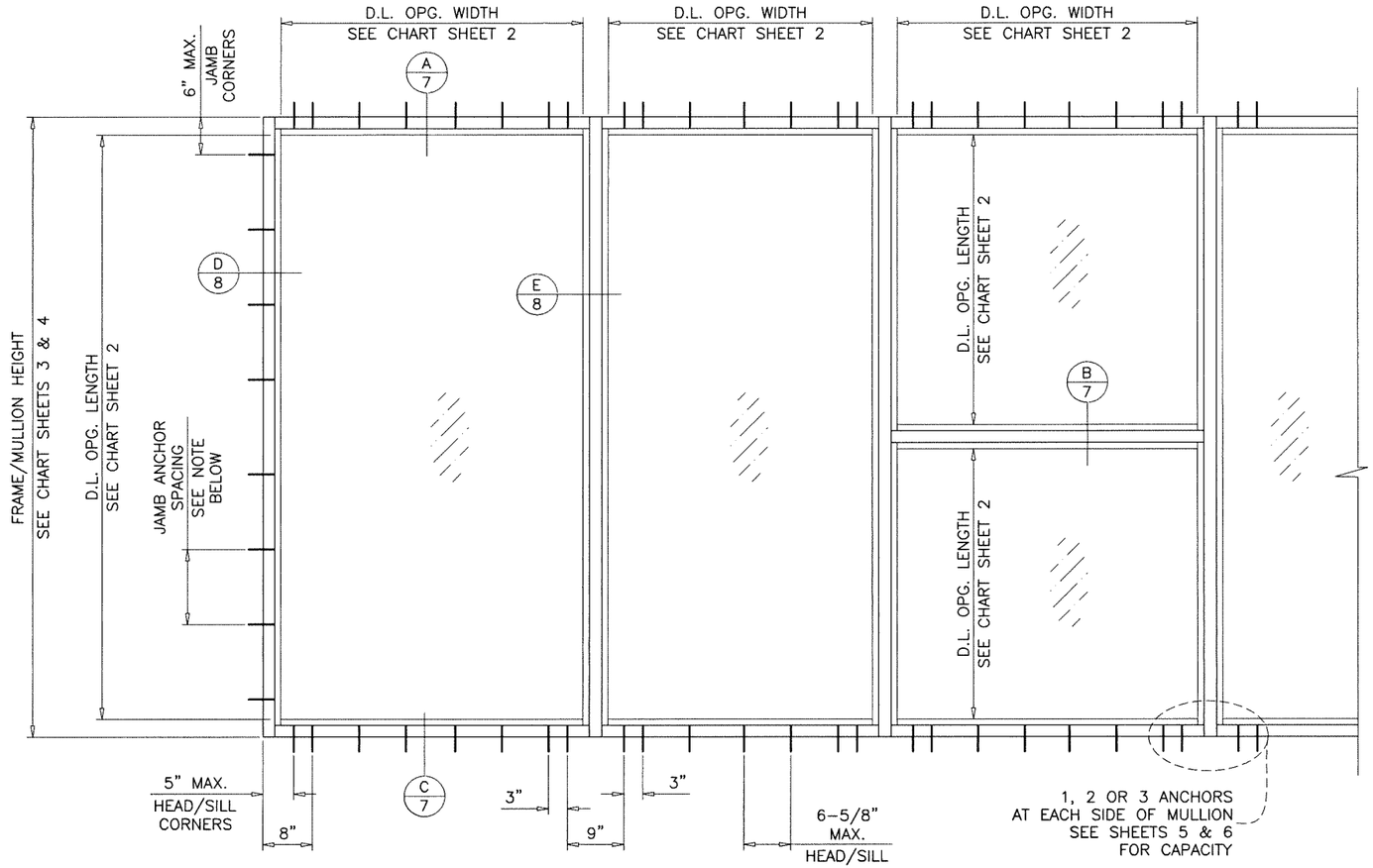
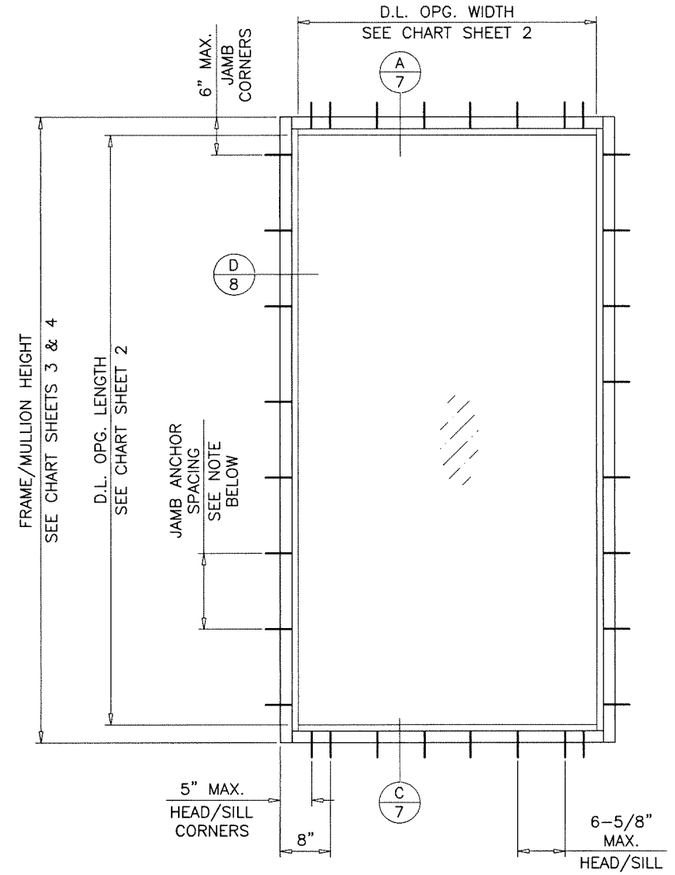



## TYPICAL ELEVATIONS

## SERIES-2046A IMPACT WINDOW WALL SYSTEM

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).

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 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 SPACING AT FRAME JAMBS:**
TYPICAL ANCHOR SPACING FOR 3/8" MAX. SHIMS = 6-5/8" O.C.
FOR 1/4" MAX. SHIMS
ANCHOR TYPE 'A' = 12" O.C. (FOR LOADS UPTO 86.3 PSF)
9-3/8" O.C. (FOR LOADS ABOVE 86.3 PSF)
ANCHOR TYPES 'B' & 'C' = 12" O.C. ( FOR LOADS UPTO 96.7 PSF)
10-1/2" O.C. (FOR LOADS ABOVE 96.7 PSF)

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.

WINDOW WALL SYSTEM COMPLY WITH REQUIREMENTS OF ANSI Z97.1
WITH GLAZING SILICONES DOWSIL 995 & GE SSG4600 ONLY.
CODE REQUIREMENTS FOR SAFEGUARDS TO BE REVIEWD.

SMALL MISSILE IMPACT
LAM. GLASS & LAM. INSUL. GLASS

## INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

**STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

**STEP 2** SEE CHART ON SHEETS 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.

**STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 3 & 4
THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

**STEP 4** USING CHARTS ON SHEETS 5 & 6 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

**STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

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: 6/16/2026

FL #16228

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER


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


STORE\26-19F-GTE

SERIES-2046A ALUM WINDOW WALL SYSTEM (S.M.I.)

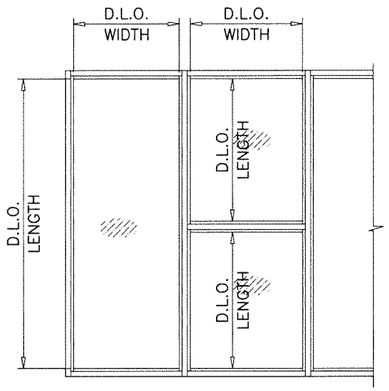

Glass Tech Engineering, Inc.
8321 N.W. 70th Street
Miami, FL. 33166
Tel. (305) 594-4321 Fax. (305) 599-2730

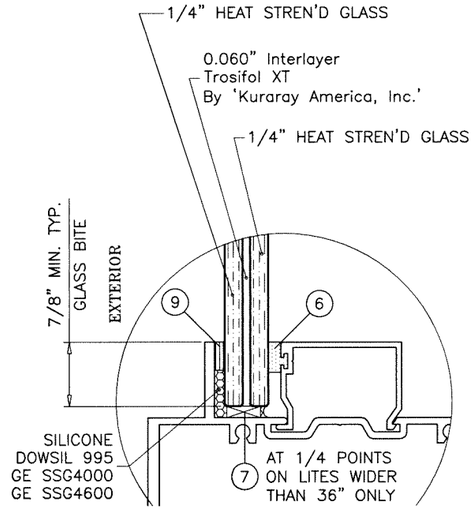

| revisions: | no | date | by | description |
|---|---|---|---|---|
| | | | | |

date: 06-09-26
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

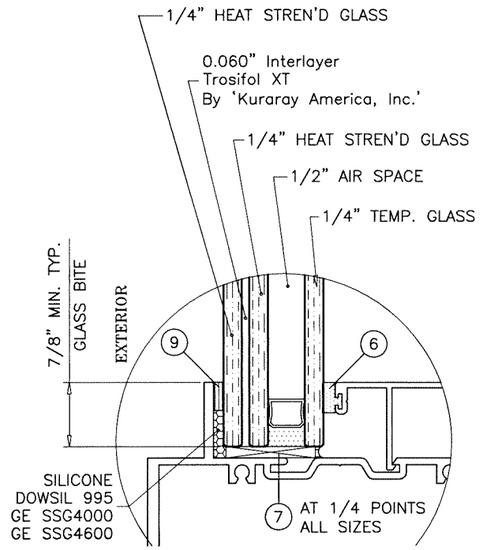
drawing no.
26-19F

| GLASS DESIGN LOAD CAPACITY – PSF | | | |
|---|---|---|---|
| NOMINAL DIMS. | | GLASS TYPES 'A' & 'Ai' | |
| D.L.O. WIDTH | D.L.O. LENGTH | EXT.(+) | INT.(–) |
| 26–1/8" | 90–1/4" | 110.0 | 110.0 |
| 32–1/8" | | 110.0 | 110.0 |
| 38–1/8" | | 110.0 | 110.0 |
| 44–1/8" | | 110.0 | 110.0 |
| 50–1/8" | | 110.0 | 110.0 |
| 56–1/8" | | 110.0 | 110.0 |
| 62–1/8" | | 110.0 | 110.0 |
| 68–1/8" | | 110.0 | 110.0 |
| 26–1/8" | 96–1/4" | 110.0 | 110.0 |
| 32–1/8" | | 110.0 | 110.0 |
| 38–1/8" | | 110.0 | 110.0 |
| 44–1/8" | | 110.0 | 110.0 |
| 50–1/8" | | 110.0 | 110.0 |
| 56–1/8" | | 110.0 | 110.0 |
| 62–1/8" | | 110.0 | 110.0 |
| 26–1/8" | 108–1/4" | 110.0 | 110.0 |
| 32–1/8" | | 110.0 | 110.0 |
| 38–1/8" | | 110.0 | 110.0 |
| 44–1/8" | | 110.0 | 110.0 |
| 50–1/8" | | 110.0 | 110.0 |
| 56–1/8" | | 110.0 | 110.0 |
| 26–1/8" | 120–1/4" | 110.0 | 110.0 |
| 32–1/8" | | 110.0 | 110.0 |
| 38–1/8" | | 110.0 | 110.0 |
| 44–1/8" | | 110.0 | 110.0 |
| 50–1/8" | | 110.0 | 110.0 |
| 26–1/8" | 138–1/4" | 110.0 | 110.0 |
| 32–1/8" | | 110.0 | 110.0 |
| 38–1/8" | | 110.0 | 110.0 |
| 44–1/8" | | 110.0 | 110.0 |




GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS




GLASS TYPE 'Ai'
1–3/8" OVERALL LAM. INSUL. GLASS

GLAZING OPTIONS

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

Sealed: 6/16/2026

FL #16228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STORE\26–19F–GTE

SERIES–2046A ALUM WINDOW WALL SYSTEM (S.M.I.)


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| revisions: | | | |
|---|---|---|---|
| no | date | by | description |

date: 06–09–26
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

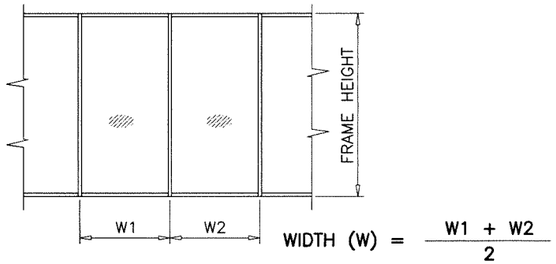
drawing no.
26–19F

## MULLION LOAD CAPACITY – PSF
## WITHOUT INTERMEDIATE HORIZONTALS

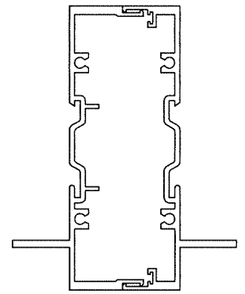
| NOMINAL DIMS. | | WITHOUT REINFORCING | ST-1 REINFORCING | ST-2 REINFORCING | ST-3 REINFORCING | ST-4 REINFORCING |
|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) |
| 24" | 72" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |
| 72" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 78" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |
| 72" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 84" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 97.6 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |
| 72" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 90" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 90.3 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |
| 72" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 96" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 99.7 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 87.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 77.7 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 106.5 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 98.6 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |
| 72" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 102" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | – | 102.5 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 93.1 | 110.0 | 110.0 | 110.0 |
| 60" | | – | – | 85.0 | 85.0 | 110.0 |
| 66" | | – | – | 85.0 | 85.0 | 110.0 |

## MULLION LOAD CAPACITY – PSF
## WITHOUT INTERMEDIATE HORIZONTALS

| NOMINAL DIMS. | | WITHOUT REINFORCING | ST-1 REINFORCING | ST-2 REINFORCING | ST-3 REINFORCING | ST-4 REINFORCING |
|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) |
| 24" | 108" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 102.0 | 110.0 | 110.0 | 110.0 |
| 48" | | – | 90.6 | 107.7 | 110.0 | 110.0 |
| 54" | | – | – | 85.0 | 85.0 | 110.0 |
| 60" | | – | – | 85.0 | 85.0 | 110.0 |
| 24" | 114" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 104.9 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 91.0 | 108.2 | 110.0 | 110.0 |
| 48" | | – | 80.8 | 96.0 | 108.8 | 110.0 |
| 54" | | – | – | 85.0 | 85.0 | 110.0 |
| 60" | | – | – | 79.6 | 85.0 | 110.0 |
| 24" | 120" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 94.4 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 81.8 | 97.2 | 110.0 | 110.0 |
| 48" | | – | 72.5 | 86.1 | 97.6 | 110.0 |
| 54" | | – | – | 77.7 | 85.0 | 110.0 |
| 24" | 126" | – | – | 85.0 | 85.0 | 110.0 |
| 30" | | – | – | 85.0 | 85.0 | 110.0 |
| 36" | | – | – | 85.0 | 85.0 | 110.0 |
| 42" | | – | – | 85.0 | 85.0 | 110.0 |
| 48" | | – | – | 77.7 | 85.0 | 110.0 |
| 54" | | – | – | 70.0 | 79.4 | 107.8 |
| 24" | 132" | – | – | 85.0 | 85.0 | 110.0 |
| 30" | | – | – | 85.0 | 85.0 | 110.0 |
| 36" | | – | – | 85.0 | 85.0 | 110.0 |
| 42" | | – | – | 79.8 | 85.0 | 110.0 |
| 48" | | – | – | 60.0 | 60.0 | 108.5 |
| 24" | 138" | – | – | – | – | 110.0 |
| 30" | | – | – | – | – | 110.0 |
| 36" | | – | – | – | – | 110.0 |
| 42" | | – | – | – | – | 110.0 |
| 48" | | – | – | – | – | 98.9 |
| 24" | 144" | – | – | – | – | 110.0 |
| 30" | | – | – | – | – | 110.0 |
| 36" | | – | – | – | – | 110.0 |
| 42" | | – | – | – | – | 102.6 |
| 48" | | – | – | – | – | 90.6 |

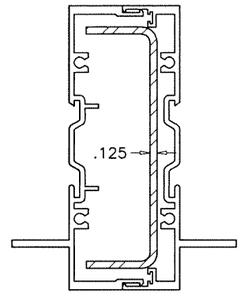



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



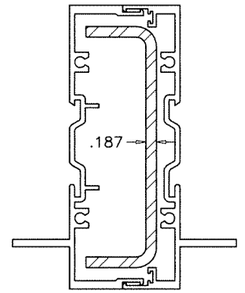
W/O REINF.

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUM | 6.2048 | 2.2894 |



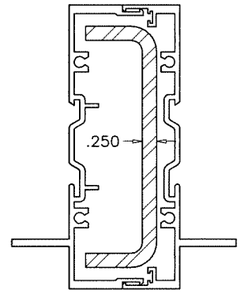

ST-1

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 1.8955 | .8920 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.6473 | |



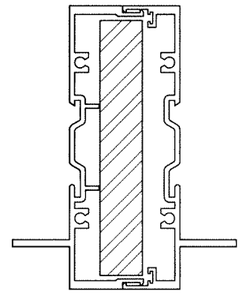

ST-2

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 2.6597 | 1.2516 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 13.8416 | |




ST-3

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 3.3026 | 1.5542 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 15.6875 | |



ST-4

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 5.6953 | 2.5313 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 22.5577 | |

Sealed: 6/16/2026

FL #16228

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER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revisions:

| no | date | by | description |
|---|---|---|---|
| | | | |

date: 06-09-26
scale: –
dr. by: TARIQ
chk. by:

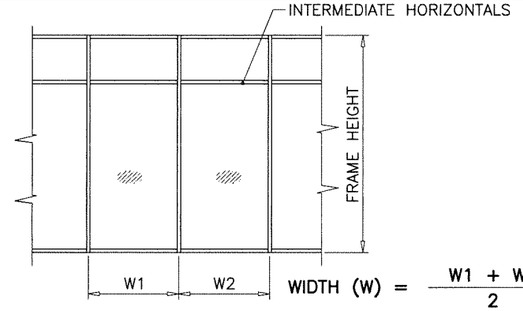
drawing no. 26–19F

## MULLION LOAD CAPACITY – PSF
## WITH INTERMEDIATE HORIZONTALS

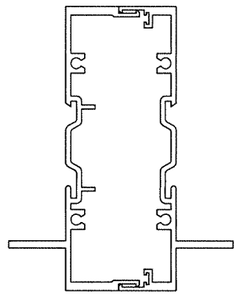
| NOMINAL DIMS. | | WITHOUT REINFORCING | ST–1 REINFORCING | ST–2 REINFORCING | ST–3 REINFORCING | ST–4 REINFORCING |
|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) |
| 24" | 72" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | – | – | 110.0 |
| 72" | | – | – | – | – | 110.0 |
| 24" | 78" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 98.6 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | – | – | 110.0 |
| 72" | | – | – | – | – | 110.0 |
| 24" | 84" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 94.8 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 84.3 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | – | – | 110.0 |
| 72" | | – | – | – | – | 110.0 |
| 24" | 90" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 93.6 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 81.9 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 108.6 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 97.7 | 110.0 | 110.0 | 110.0 |
| 66" | | – | – | 105.6 | 110.0 | 110.0 |
| 72" | | – | – | 96.8 | 109.7 | 110.0 |
| 24" | 96" | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | 100.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 95.2 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 81.6 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 71.4 | 107.4 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 95.4 | 110.0 | 110.0 | 110.0 |
| 60" | | – | 85.9 | 102.1 | 110.0 | 110.0 |
| 66" | | – | – | 92.8 | 105.2 | 110.0 |
| 72" | | – | – | 85.1 | 96.4 | 110.0 |
| 24" | 102" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 108.7 | 110.0 | 110.0 | 110.0 |
| 48" | | – | 95.1 | 110.0 | 110.0 | 110.0 |
| 54" | | – | 84.5 | 100.5 | 110.0 | 110.0 |
| 60" | | – | – | 90.4 | 102.5 | 110.0 |
| 66" | | – | – | 82.2 | 93.2 | 110.0 |

## MULLION LOAD CAPACITY – PSF
## WITH INTERMEDIATE HORIZONTALS

| NOMINAL DIMS. | | WITHOUT REINFORCING | ST–1 REINFORCING | ST–2 REINFORCING | ST–3 REINFORCING | ST–4 REINFORCING |
|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) | EXT.(+) INT.(–) |
| 24" | 108" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 97.0 | 110.0 | 110.0 | 110.0 |
| 48" | | – | 84.8 | 100.8 | 110.0 | 110.0 |
| 54" | | – | – | 89.6 | 101.6 | 110.0 |
| 60" | | – | – | 80.7 | 91.4 | 110.0 |
| 24" | 114" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 101.5 | 110.0 | 110.0 | 110.0 |
| 42" | | – | 87.0 | 103.4 | 110.0 | 110.0 |
| 48" | | – | 76.1 | 90.5 | 102.6 | 110.0 |
| 54" | | – | – | 80.4 | 91.2 | 110.0 |
| 60" | | – | – | 72.4 | 82.0 | 110.0 |
| 24" | 120" | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | | – | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | – | 91.6 | 108.9 | 110.0 | 110.0 |
| 42" | | – | 78.5 | 93.3 | 105.8 | 110.0 |
| 48" | | – | 68.7 | 81.7 | 92.6 | 110.0 |
| 54" | | – | – | 72.6 | 82.3 | 110.0 |
| 24" | 126" | – | – | 110.0 | 110.0 | 110.0 |
| 30" | | – | – | 110.0 | 110.0 | 110.0 |
| 36" | | – | – | 98.8 | 110.0 | 110.0 |
| 42" | | – | – | 84.7 | 95.9 | 110.0 |
| 48" | | – | – | 74.1 | 84.0 | 110.0 |
| 54" | | – | – | 65.8 | 74.6 | 101.3 |
| 24" | 132" | – | – | 110.0 | 110.0 | 110.0 |
| 30" | | – | – | 108.0 | 110.0 | 110.0 |
| 36" | | – | – | 90.0 | 102.0 | 110.0 |
| 42" | | – | – | 77.1 | 87.4 | 110.0 |
| 48" | | – | – | 60.0 | 60.0 | 103.9 |
| 24" | 138" | – | – | – | – | 110.0 |
| 30" | | – | – | – | – | 110.0 |
| 36" | | – | – | – | – | 110.0 |
| 42" | | – | – | – | – | 108.6 |
| 48" | | – | – | – | – | 95.0 |
| 24" | 144" | – | – | – | – | 110.0 |
| 30" | | – | – | – | – | 110.0 |
| 36" | | – | – | – | – | 110.0 |
| 42" | | – | – | – | – | 99.8 |
| 48" | | – | – | – | – | 87.3 |

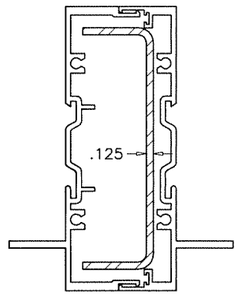



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



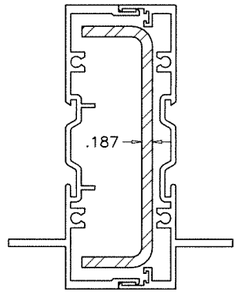
W/O REINF.

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUM | 6.2048 | 2.2894 |



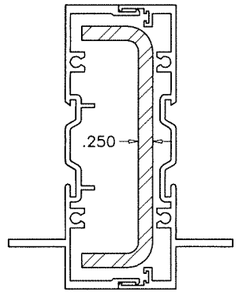

ST–1

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 1.8955 | .8920 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 11.6473 | |



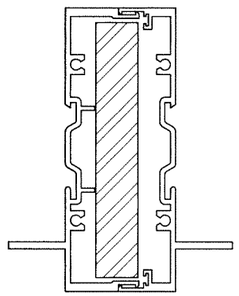

ST–2

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 2.6597 | 1.2516 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 13.8416 | |




ST–3

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 3.3026 | 1.5542 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 15.6875 | |



ST–4

| | Ix IN^4 | Sx IN^3 |
|---|---|---|
| ALUMINUM | 6.2048 | 2.2894 |
| STEEL | 5.6953 | 2.5313 |
| TOTAL Ix ALUM + Ix STL X 2.9 | 22.5577 | |

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FL #16228

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER


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


STORE\26-19F-GTE

SERIES-2046A ALUM WINDOW WALL SYSTEM (S.M.I.)


Glass Tech Engineering, Inc.
8321 N.W. 70th Street
Miami, FL. 33166
Tel. (305) 594-4321
Fax. (305) 599-2730


revisions:

| no | date | by | description |
|---|---|---|---|

date: 06-09-26
scale: –
dr. by: TARIQ
chk. by:

drawing no. 26–19F

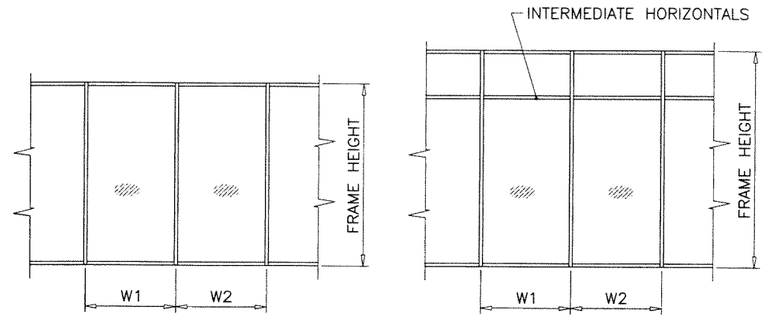
sheet 4 of 10

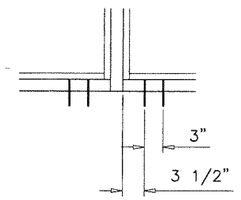
## ANCHOR LOAD CAPACITY – PSF (1/4" MAX. SHIMS)
EXT.(+) & INT.(–)

| NOMINAL DIMS. | | ANCHORS TYPE 'A' | | | ANCHORS TYPE 'B' | | | ANCHORS TYPE 'C' | |
|---|---|---|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | A2 | A3 | A4 | B2 | B3 | B4 | C2 | C3 |
| 30" | 90" | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 103.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 94.2 | 110.0 | 110.0 | 105.5 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 87.7 | 110.0 | 110.0 | 98.2 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | 82.9 | 110.0 | 110.0 | 92.8 | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | 79.3 | 110.0 | 110.0 | 88.8 | 110.0 | 110.0 | 110.0 | 110.0 |
| 72" | | 76.7 | 110.0 | 110.0 | 85.9 | 110.0 | 110.0 | 110.0 | 110.0 |
| 30" | 96" | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 106.3 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 94.7 | 110.0 | 110.0 | 106.1 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 86.3 | 110.0 | 110.0 | 96.7 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 80.1 | 110.0 | 110.0 | 89.7 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | 75.3 | 110.0 | 110.0 | 84.4 | 110.0 | 110.0 | 110.0 | 110.0 |
| 66" | | 71.8 | 107.6 | 110.0 | 80.3 | 110.0 | 110.0 | 108.1 | 110.0 |
| 72" | | 69.1 | 103.6 | 110.0 | 77.3 | 110.0 | 110.0 | 104.0 | 110.0 |
| 30" | 102" | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 98.7 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 87.7 | 110.0 | 110.0 | 98.2 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 79.7 | 110.0 | 110.0 | 89.2 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 73.7 | 110.0 | 110.0 | 82.5 | 110.0 | 110.0 | 110.0 | 110.0 |
| 60" | | 69.1 | 103.6 | 110.0 | 77.3 | 110.0 | 110.0 | 104.0 | 110.0 |
| 66" | | 65.5 | 98.3 | 110.0 | 73.4 | 110.0 | 110.0 | 98.7 | 110.0 |
| 30" | 108" | 106.9 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 92.1 | 110.0 | 110.0 | 103.1 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 81.7 | 110.0 | 110.0 | 91.4 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 74.0 | 110.0 | 110.0 | 82.9 | 110.0 | 110.0 | 110.0 | 110.0 |
| 54" | | 68.2 | 102.3 | 110.0 | 76.4 | 110.0 | 110.0 | 102.7 | 110.0 |
| 60" | | 63.8 | 95.6 | 110.0 | 71.4 | 107.1 | 110.0 | 96.0 | 110.0 |
| 30" | 114" | 100.5 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 86.3 | 110.0 | 110.0 | 96.7 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 76.4 | 110.0 | 110.0 | 85.5 | 110.0 | 110.0 | 110.0 | 110.0 |
| 48" | | 69.1 | 103.6 | 110.0 | 77.3 | 110.0 | 110.0 | 104.0 | 110.0 |
| 54" | | 63.5 | 95.3 | 110.0 | 71.1 | 106.7 | 110.0 | 95.6 | 110.0 |
| 60" | | 59.2 | 88.8 | 110.0 | 66.3 | 99.4 | 110.0 | 89.1 | 110.0 |
| 30" | 120" | 94.7 | 110.0 | 110.0 | 106.1 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 81.3 | 110.0 | 110.0 | 91.0 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 71.8 | 107.6 | 110.0 | 80.3 | 110.0 | 110.0 | 108.1 | 110.0 |
| 48" | | 64.8 | 97.1 | 110.0 | 72.5 | 108.8 | 110.0 | 97.5 | 110.0 |
| 54" | | 59.4 | 89.1 | 110.0 | 66.5 | 99.8 | 110.0 | 89.5 | 110.0 |
| 30" | 126" | 89.6 | 110.0 | 110.0 | 100.3 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 76.7 | 110.0 | 110.0 | 85.9 | 110.0 | 110.0 | 110.0 | 110.0 |
| 42" | | 67.7 | 101.5 | 110.0 | 75.8 | 110.0 | 110.0 | 101.9 | 110.0 |
| 48" | | 60.9 | 91.4 | 110.0 | 68.2 | 102.4 | 110.0 | 91.8 | 110.0 |
| 54" | | 55.8 | 83.7 | 110.0 | 62.5 | 93.7 | 110.0 | 84.0 | 110.0 |

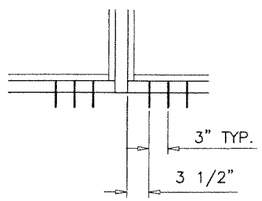
## ANCHOR LOAD CAPACITY – PSF (1/4" MAX. SHIMS)
EXT.(+) & INT.(–)

| NOMINAL DIMS. | | ANCHORS TYPE 'A' | | | ANCHORS TYPE 'B' | | | ANCHORS TYPE 'C' | |
|---|---|---|---|---|---|---|---|---|---|
| WIDTH (W) | FRAME HEIGHT | A2 | A3 | A4 | B2 | B3 | B4 | C2 | C3 |
| 30" | 132" | 85.0 | 110.0 | 110.0 | 95.2 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 72.7 | 109.1 | 110.0 | 81.4 | 110.0 | 110.0 | 109.5 | 110.0 |
| 42" | | 64.0 | 96.0 | 110.0 | 71.7 | 107.5 | 110.0 | 96.4 | 110.0 |
| 48" | | 57.6 | 86.3 | 110.0 | 64.4 | 96.7 | 110.0 | 86.7 | 110.0 |
| 30" | 138" | 80.9 | 110.0 | 110.0 | 90.5 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 69.1 | 103.6 | 110.0 | 77.3 | 110.0 | 110.0 | 104.0 | 110.0 |
| 42" | | 60.7 | 91.1 | 110.0 | 68.0 | 102.0 | 110.0 | 91.4 | 110.0 |
| 48" | | 54.5 | 81.8 | 109.1 | 61.1 | 91.6 | 110.0 | 82.1 | 110.0 |
| 30" | 144" | 77.1 | 110.0 | 110.0 | 86.3 | 110.0 | 110.0 | 110.0 | 110.0 |
| 36" | | 65.8 | 98.7 | 110.0 | 73.7 | 110.0 | 110.0 | 99.0 | 110.0 |
| 42" | | 57.8 | 86.6 | 110.0 | 64.7 | 97.0 | 110.0 | 87.0 | 110.0 |
| 48" | | 51.8 | 77.7 | 103.6 | 58.0 | 87.0 | 110.0 | 78.0 | 110.0 |

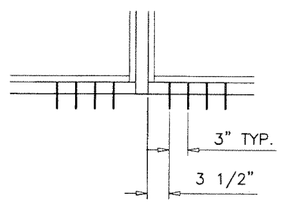



A2, B2, C2




A3, B3, C3




A4, B4

ANCHORS TYPES: SEE SHEET 7 FOR DESCRIPTION

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION

B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION

C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

Sealed: 6/16/2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL #16228


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


STORE\26-19F-GTE

SERIES-2046A ALUM WINDOW WALL SYSTEM (S.M.I.)


Glass Tech Engineering, Inc.
8321 N.W. 70th Street
Miami, FL. 33166
Tel. (305) 594-4321 Fax. (305) 599-2730


| revisions: | | | |
|---|---|---|---|
| no | date | by | description |

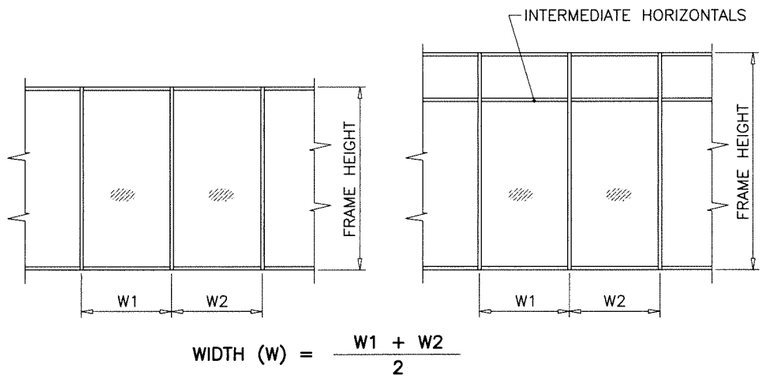
date: 06-09-26 | scale: – | dr. by: TARIQ | chk. by:

drawing no. 26-19F

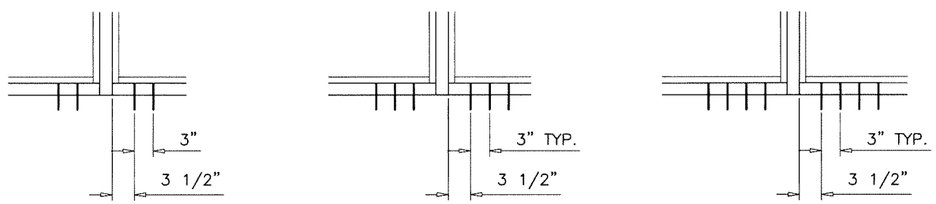
sheet 5 of 10

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS) EXT.(+) & INT.(–) | | | | |
|---|---|---|---|---|
| NOMINAL DIMS. | | ANCHORS TYPES 'A', 'B', 'C' | | |
| WIDTH (W) | FRAME HEIGHT | A2/B2/C2 | A3/B3/C3 | A4/B4/C4 |
| 30" | 90" | 93.9 | 110.0 | 110.0 |
| 36" | | 81.5 | 110.0 | 110.0 |
| 42" | | 72.9 | 109.4 | 110.0 |
| 48" | | 66.7 | 100.0 | 110.0 |
| 54" | | 62.1 | 93.2 | 110.0 |
| 60" | | 58.7 | 88.0 | 110.0 |
| 66" | | 56.2 | 84.2 | 110.0 |
| 72" | | 54.3 | 81.5 | 108.7 |
| 30" | 96" | 86.9 | 110.0 | 110.0 |
| 36" | | 75.2 | 110.0 | 110.0 |
| 42" | | 67.1 | 100.6 | 110.0 |
| 48" | | 61.1 | 91.7 | 110.0 |
| 54" | | 56.7 | 85.1 | 110.0 |
| 60" | | 53.4 | 80.0 | 106.7 |
| 66" | | 50.8 | 76.2 | 101.6 |
| 72" | | 48.9 | 73.4 | 97.8 |
| 30" | 102" | 80.9 | 110.0 | 110.0 |
| 36" | | 69.9 | 104.8 | 110.0 |
| 42" | | 62.1 | 93.2 | 110.0 |
| 48" | | 56.4 | 84.6 | 110.0 |
| 54" | | 52.2 | 78.3 | 104.3 |
| 60" | | 48.9 | 73.4 | 97.8 |
| 66" | | 46.4 | 69.6 | 92.8 |
| 30" | 108" | 75.7 | 110.0 | 110.0 |
| 36" | | 65.2 | 97.8 | 110.0 |
| 42" | | 57.8 | 86.7 | 110.0 |
| 48" | | 52.4 | 78.6 | 104.8 |
| 54" | | 48.3 | 72.5 | 96.6 |
| 60" | | 45.1 | 67.7 | 90.3 |
| 30" | 114" | 71.1 | 106.7 | 110.0 |
| 36" | | 61.1 | 91.7 | 110.0 |
| 42" | | 54.1 | 81.1 | 108.2 |
| 48" | | 48.9 | 73.4 | 97.8 |
| 54" | | 45.0 | 67.5 | 89.9 |
| 60" | | 41.9 | 62.9 | 83.8 |
| 30" | 120" | 67.1 | 100.6 | 110.0 |
| 36" | | 57.5 | 86.3 | 110.0 |
| 42" | | 50.8 | 76.2 | 101.6 |
| 48" | | 45.9 | 68.8 | 91.7 |
| 54" | | 42.1 | 63.1 | 84.1 |
| 30" | 126" | 63.4 | 95.2 | 110.0 |
| 36" | | 54.3 | 81.5 | 108.7 |
| 42" | | 47.9 | 71.9 | 95.8 |
| 48" | | 43.2 | 64.7 | 86.3 |
| 54" | | 39.5 | 59.3 | 79.0 |

| ANCHOR LOAD CAPACITY – PSF (3/8" MAX. SHIMS) EXT.(+) & INT.(–) | | | | |
|---|---|---|---|---|
| NOMINAL DIMS. | | ANCHORS TYPES 'A', 'B', 'C' | | |
| WIDTH (W) | FRAME HEIGHT | A2/B2/C2 | A3/B3/C3 | A4/B4/C4 |
| 30" | 132" | 60.2 | 90.3 | 110.0 |
| 36" | | 51.5 | 77.2 | 103.0 |
| 42" | | 45.3 | 68.0 | 90.6 |
| 48" | | 40.8 | 61.1 | 81.5 |
| 30" | 138" | 57.3 | 85.9 | 110.0 |
| 36" | | 48.9 | 73.4 | 97.8 |
| 42" | | 43.0 | 64.5 | 86.0 |
| 48" | | 38.6 | 57.9 | 77.2 |
| 30" | 144" | 54.6 | 81.9 | 109.2 |
| 36" | | 46.6 | 69.9 | 93.2 |
| 42" | | 40.9 | 61.3 | 81.8 |
| 48" | | 36.7 | 55.0 | 73.4 |




$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$




A2, B2, C2 A3, B3, C3 A4, B4, C4

ANCHORS TYPES: SEE SHEET 7 FOR DESCRIPTION

**A2** = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
**A3** = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
**A4** = (4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION

**B2** = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
**B3** = (3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
**B4** = (4) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION

**C2** = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
**C3** = (3) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
**C4** = (4) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

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STORE\26-19F-GTE


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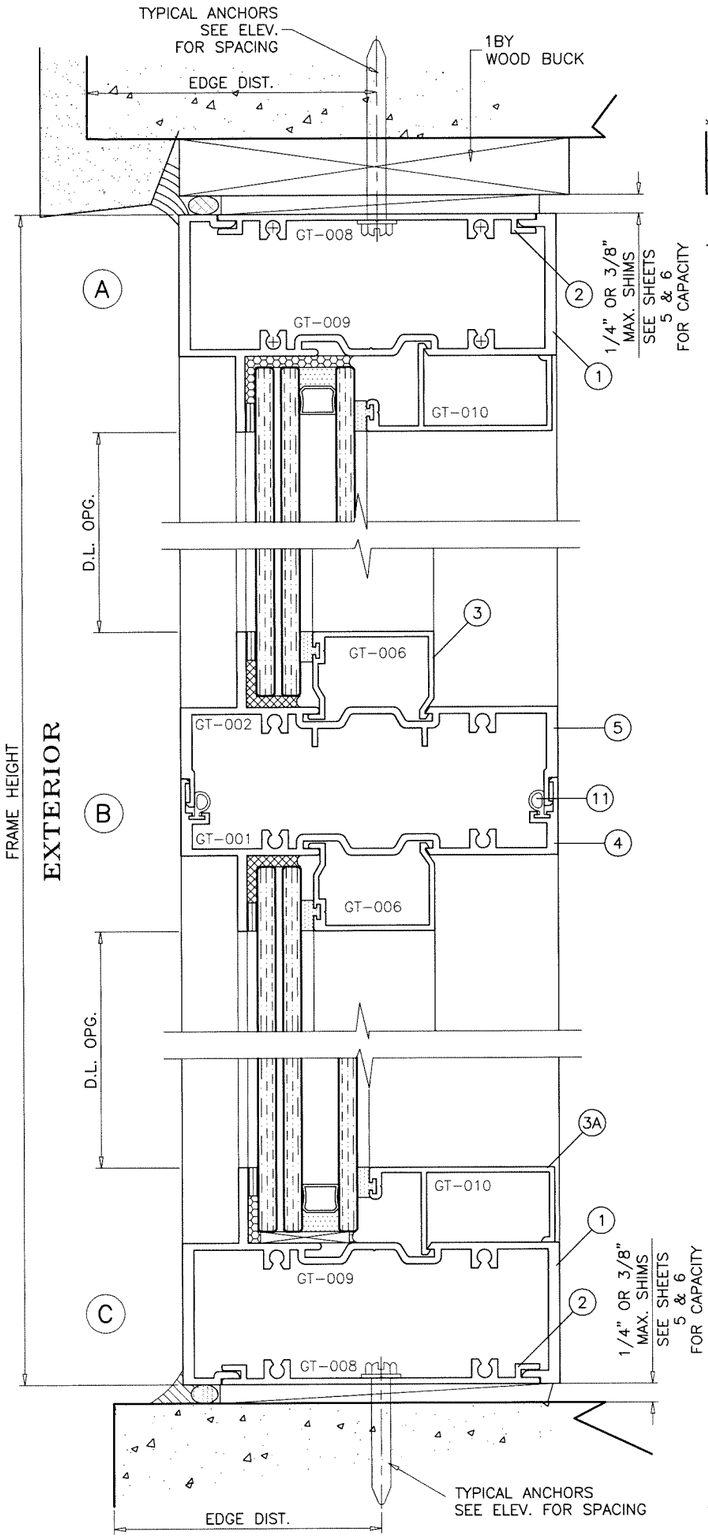


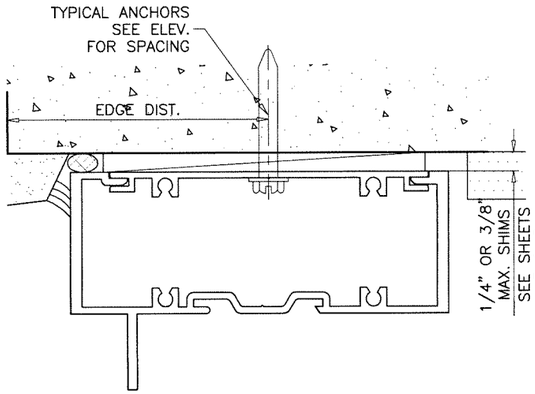


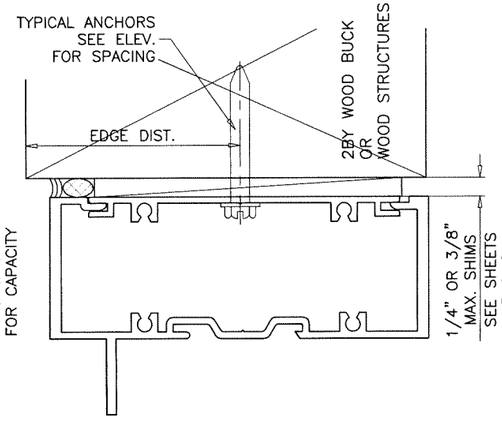


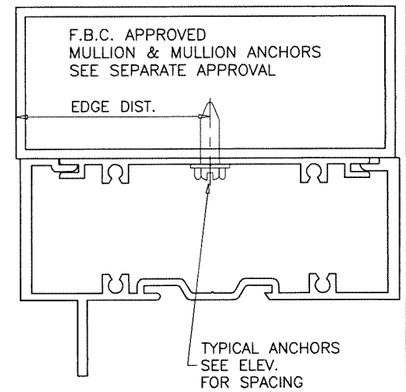


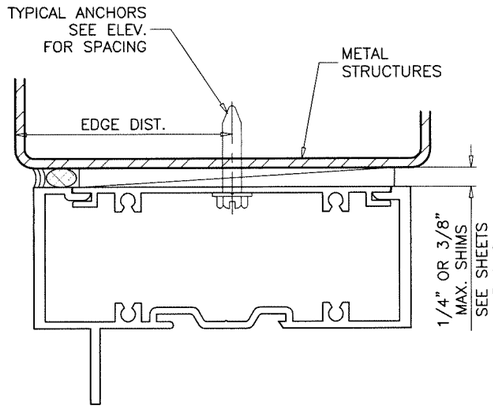


WOOD BUCKS AND METAL STRUCTURES NOT BY 'GLASS TECH' MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

TYPE 'A'– **1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1–1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS
1–1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1–1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'B'– **1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE OR BLOCKS
1–1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1–1/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE 'C'– **1/4" DIA. TEKS OR SELF–DRILLING SCREWS** (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063–T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**CRITICAL EDGE DISTANCE**
INTO CONCRETE AND BLOCKS = 2–1/2" MIN.
INTO WOOD STRUCTURE = 1" 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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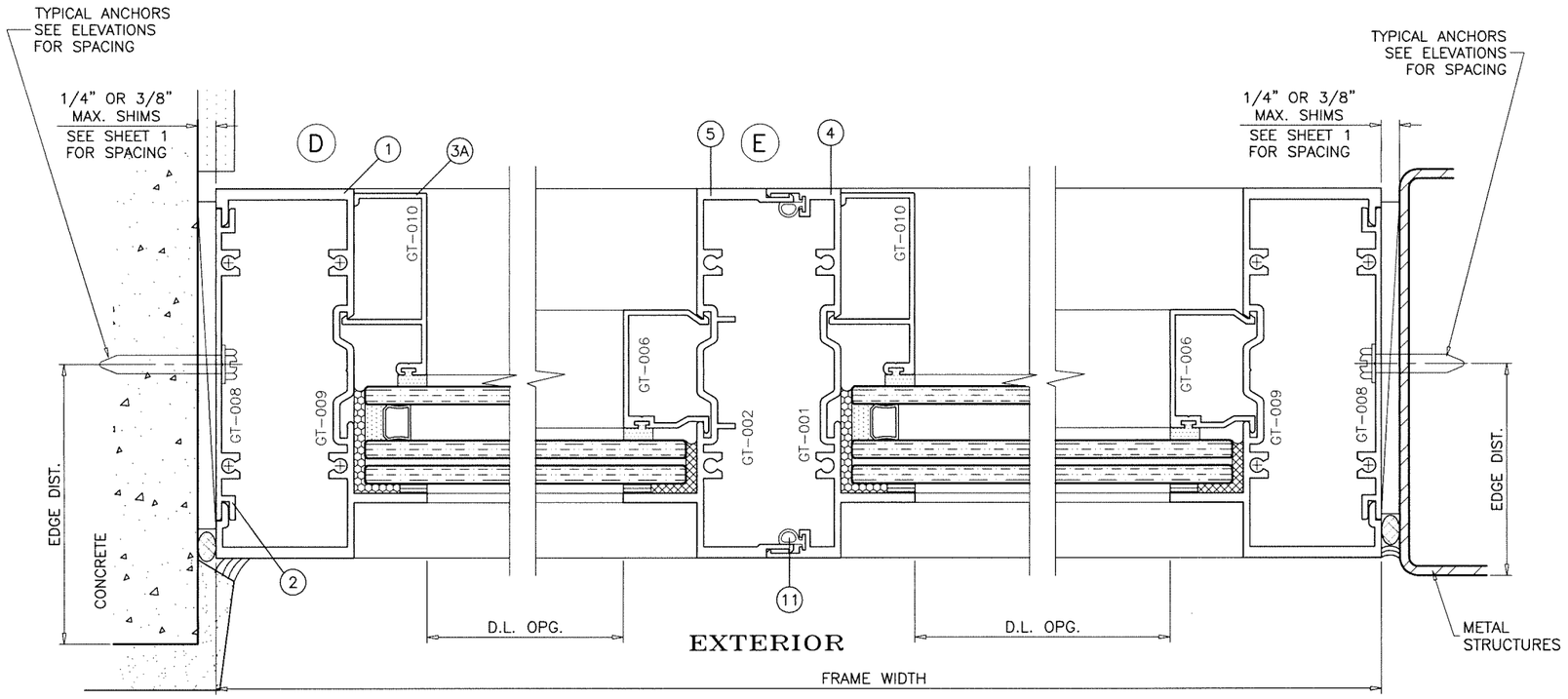
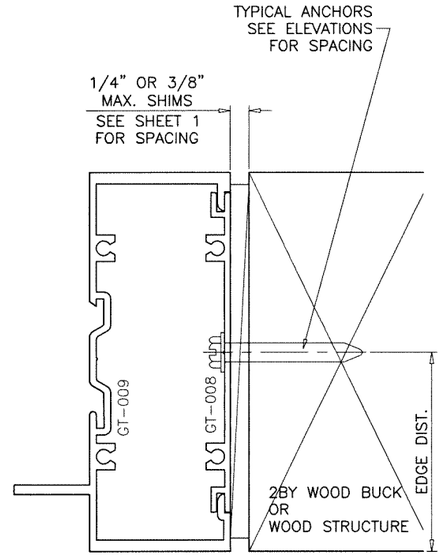
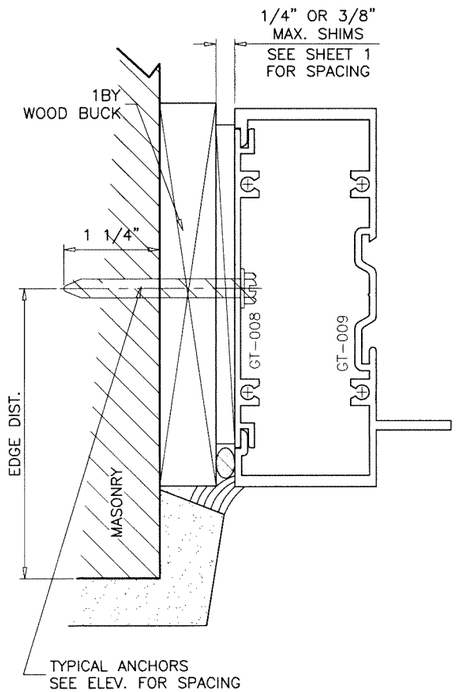
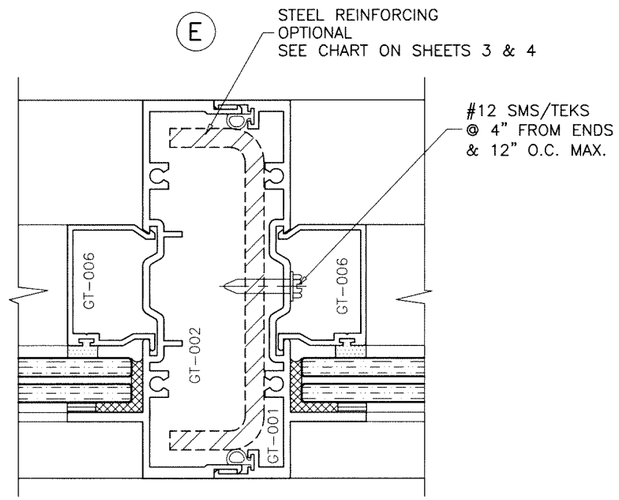
sheet 7 of 10

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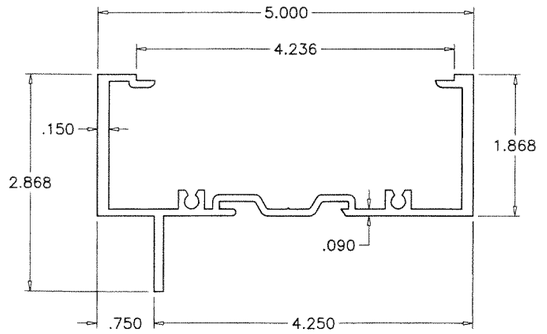
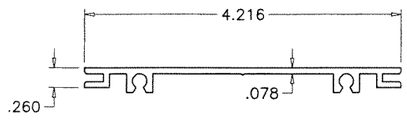
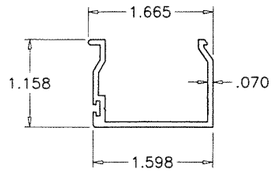


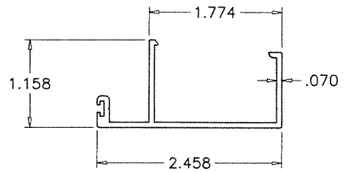

(1) FRAME HEAD/SILL/JAMB



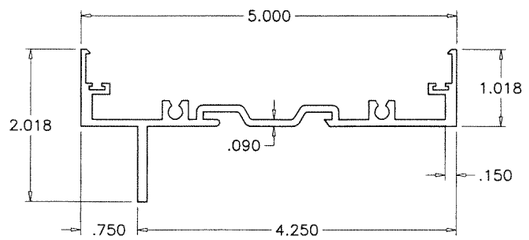

(2) FLAT POCKET FILLER



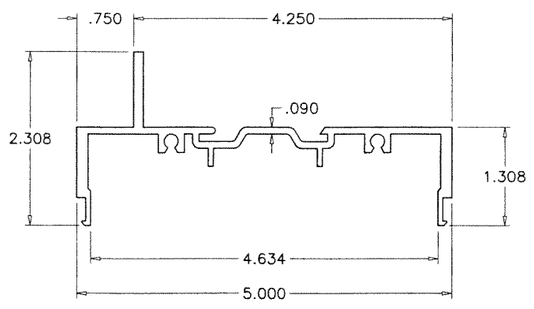

(3) GLASS STOP (LAM. GLASS)



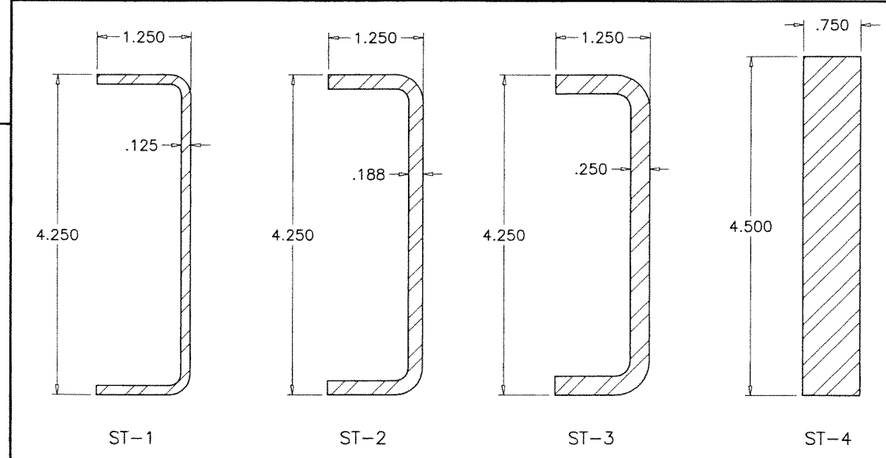

(3A) GLASS STOP (LAM. INSUL. GLASS)




(4) FEMALE FRAME




(5) MALE FRAME



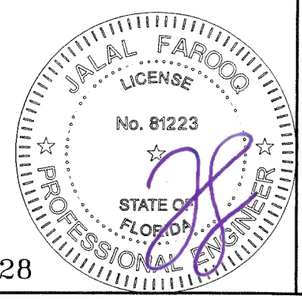

(11) STEEL REINFORCING
36 KSI MIN.

| ITEM No. | PART NUMBER | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|---|---|---|---|---|---|
| 1 | GT-009 | AS REQD. | HEAD, SILL AND JAMB FRAME | 6063-T6 | - |
| 2 | GT-008 | AS REQD. | FLAT POCKET FILLER | 6063-T6 | - |
| 3 | GT-006 | AS REQD. | GLASS STOP (LAM. GLASS) | 6063-T5 | - |
| 3A | GT-010 | AS REQD. | GLASS STOP (LAM. INSUL. GLASS) | 6063-T5 | - |
| 4 | GT-001 | AS REQD. | FEMALE FRAME | 6063-T6 | - |
| 5 | GT-002 | AS REQD. | MALE FRAME | 6063-T6 | - |
| 6 | TR-427N | AS REQD. | GLAZING GASKET | NEOPRENE | TREMCO |
| 7 | - | AS REQD. | SETTING BLOCKS | EPDM | DUROMETER 80±5 SHORE A |
| 8 | - | AS REQD. | GLAZING COMPOUND | SILICONE | DOWSIL/GE |
| 9 | V2204 | AS REQD. | GLAZING TAPE (1/8" X 3/8") | - | NORTON |
| 10 | #12 X 1-1/2" | AS REQD. | FRAME ASSEMBLY SCREWS | - | SMS OR SELF DRILLING |
| 11 | - | AS REQD. | BULB VINYL | - | - |

## SEALANTS:

ALL FRAME CORNERS SEALED WITH JOINT SEALANT.

Sealed: 6/16/2026

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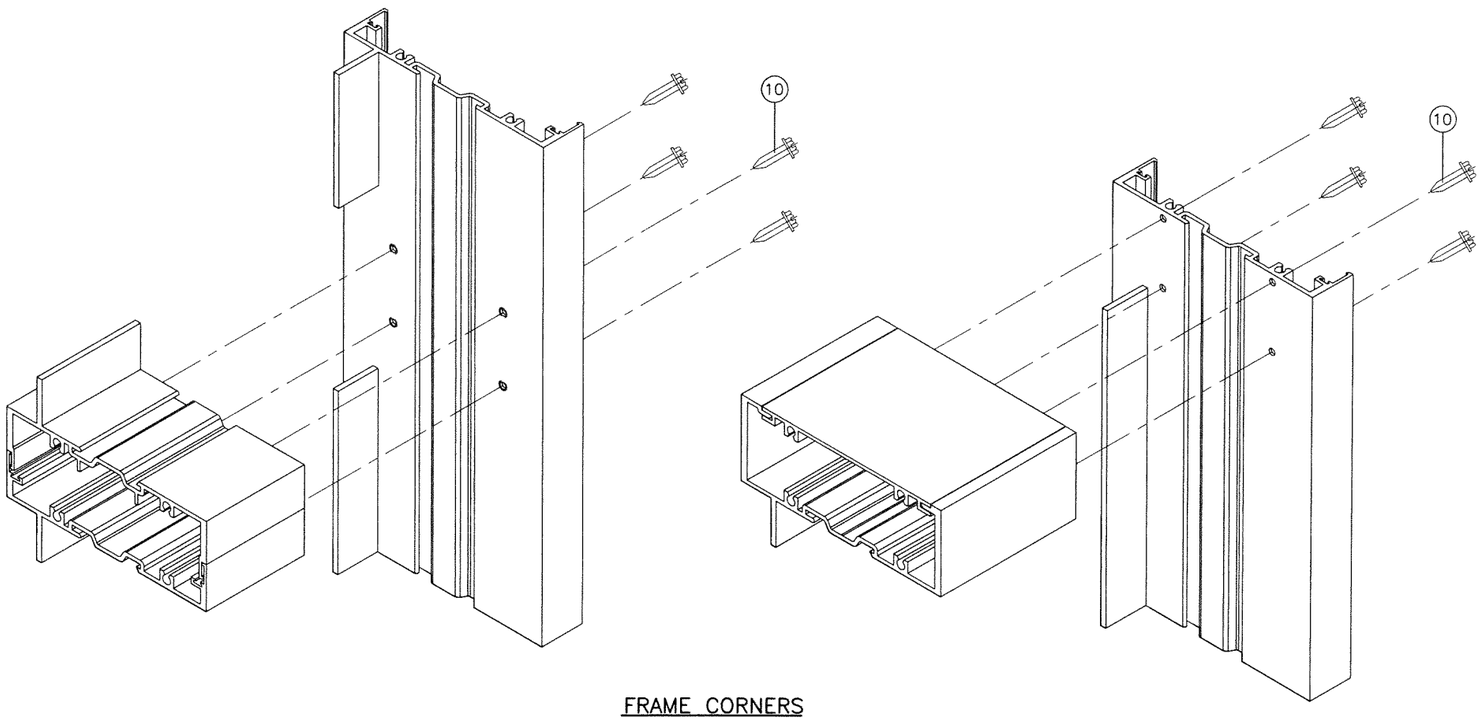


FRAME CORNERS

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