

| DOOR DESIGN LOAD CAPACITY - PSF<br>XO OR OX ONLY |                                |                                     |         |
|--------------------------------------------------|--------------------------------|-------------------------------------|---------|
| PANEL WIDTH<br>INCHES                            | DOOR FRAME<br>HEIGHT<br>INCHES | 2-1/8" OVERALL<br>INSUL. LAM. GLASS |         |
|                                                  |                                | EXT.(+)                             | INT.(-) |
| 96-15/16                                         | 98                             | 55.1                                | 55.1    |
| 100                                              |                                | 55.1                                | 55.1    |
| 106                                              |                                | 55.1                                | 55.1    |
| 112                                              |                                | 55.1                                | 55.1    |
| 118                                              |                                | 55.1                                | 55.1    |
| 96-15/16                                         | 114                            | 55.1                                | 55.1    |
| 100                                              |                                | 55.1                                | 55.1    |
| 106                                              |                                | 55.1                                | 55.1    |
| 96-15/16                                         | 126                            | 55.1                                | 55.1    |
| 100                                              |                                | 55.1                                | 55.1    |

PANEL WIDTH TO BE 1/4 TO 1/2 OF THE DOOR WIDTH

MAXIMUM FRAME AREA OF ALTERNATE SIZE UNITS NOT TO EXCEED 234.5 SQ. FT.

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY EGRESS REQUIREMENTS PER FBC AS REQUIRED.

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

### LUMINA SLIDING GLASS DOOR

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.

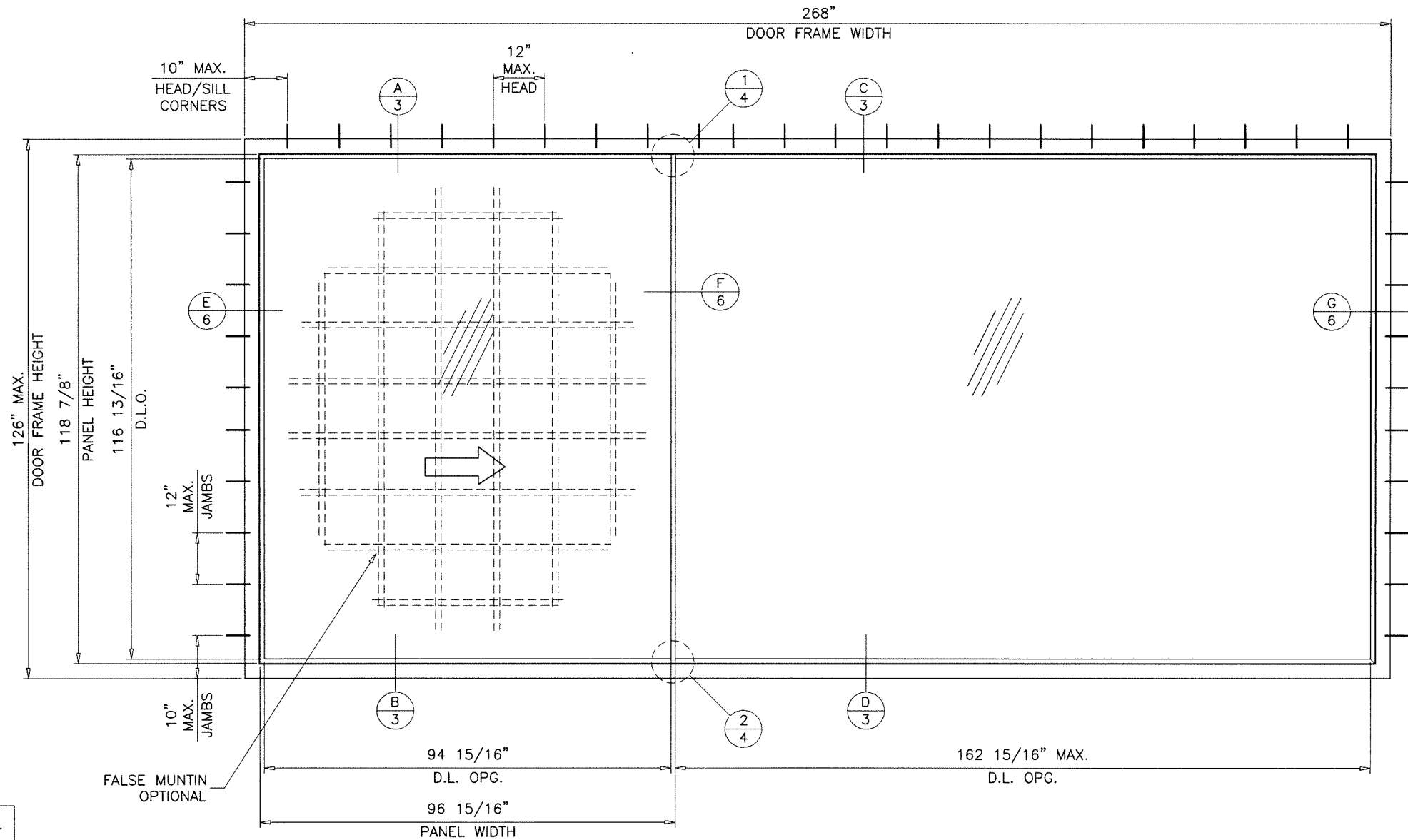
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.



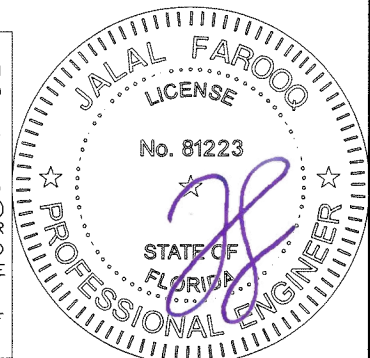
TYPICAL ELEVATION  
TESTED UNIT

NOTE:  
GLASS CAPACITIES ARE BASED ON  
ASTM E1300-16 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

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: 6/25/2026

FL #48284



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

LUMINA SLIDING GLASS DOOR (L.M.I.)

**Viewscreens**  
Via Padova, 14-31041  
Cornuda (TV), Italy 31041  
Tel. +39 0423 83607  
www.roccon.it

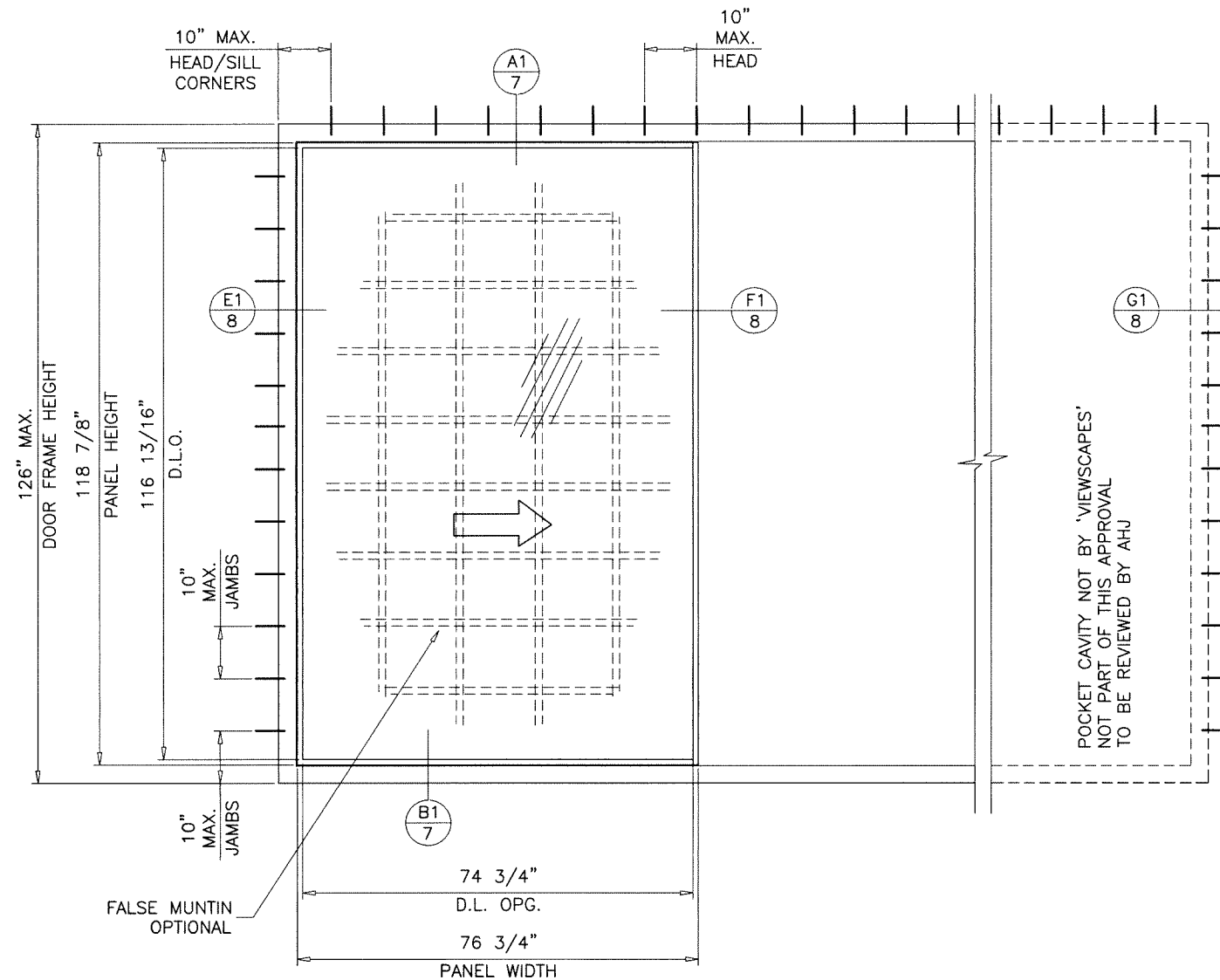
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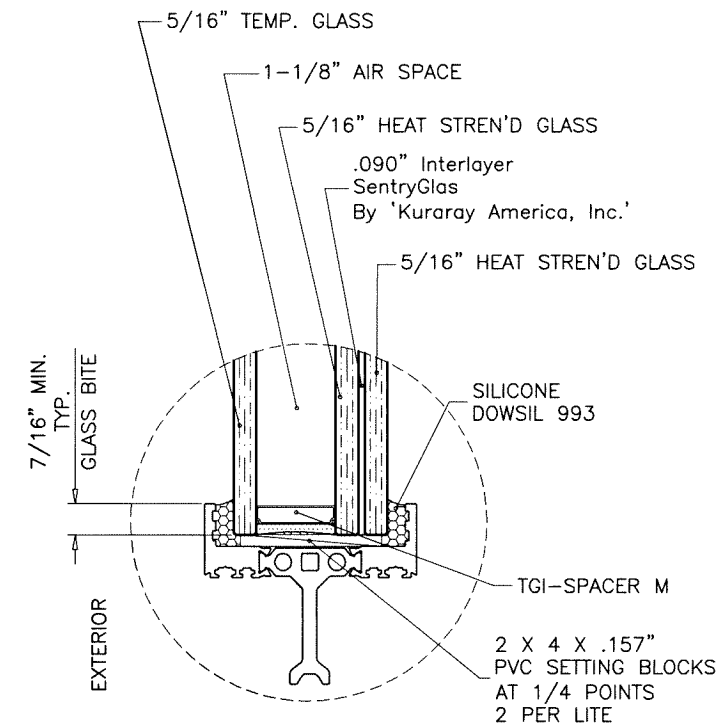
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sheet 1 of 11

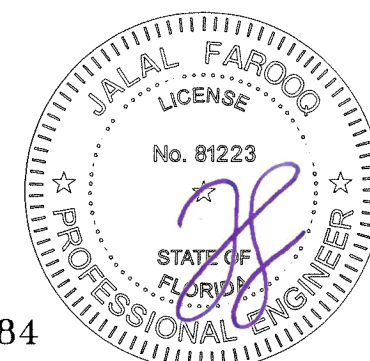


**TYPICAL ELEVATION**  
TESTED UNIT



**GLAZING DETAIL**  
2-1/8" OVERALL INSUL. LAM. GLASS

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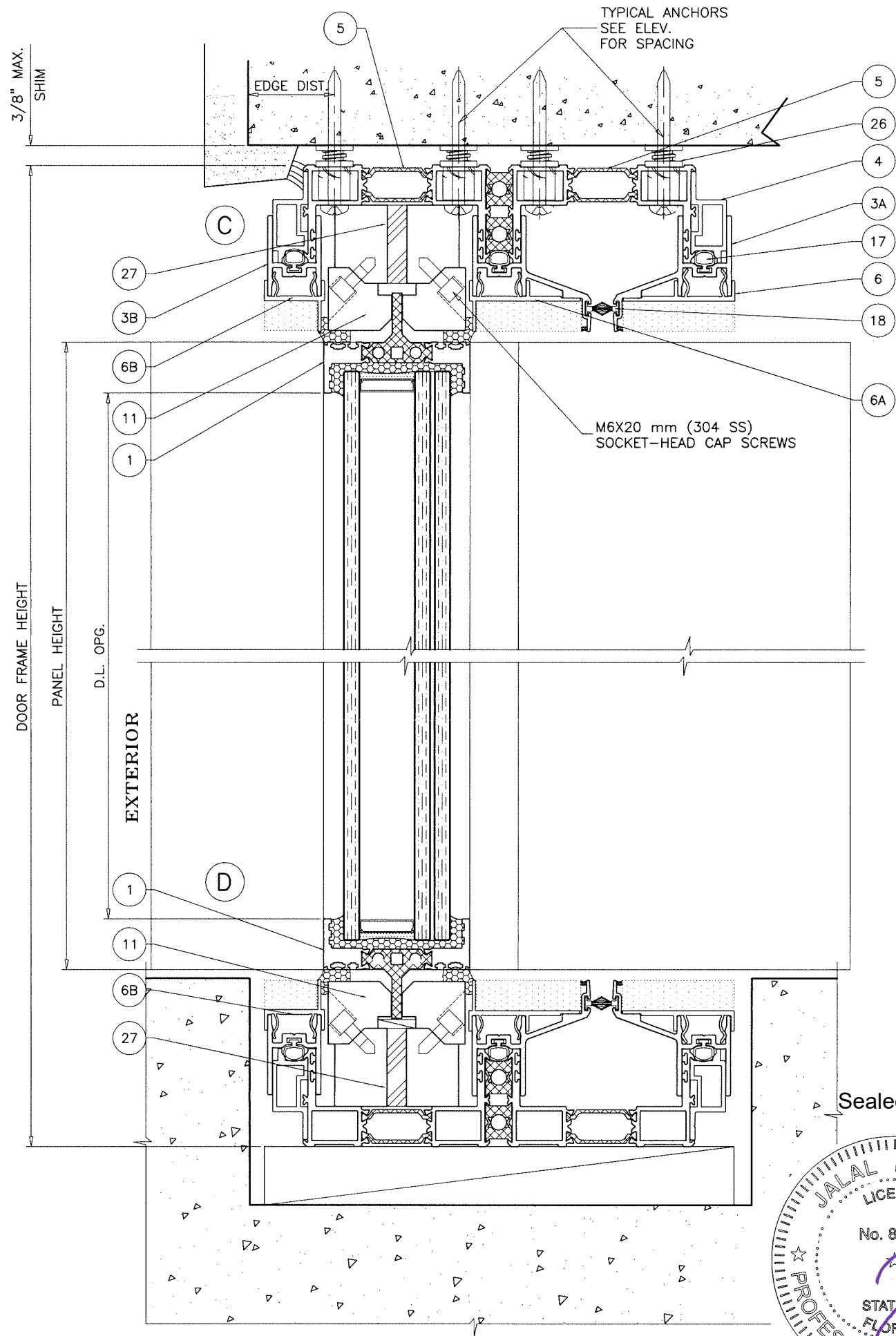
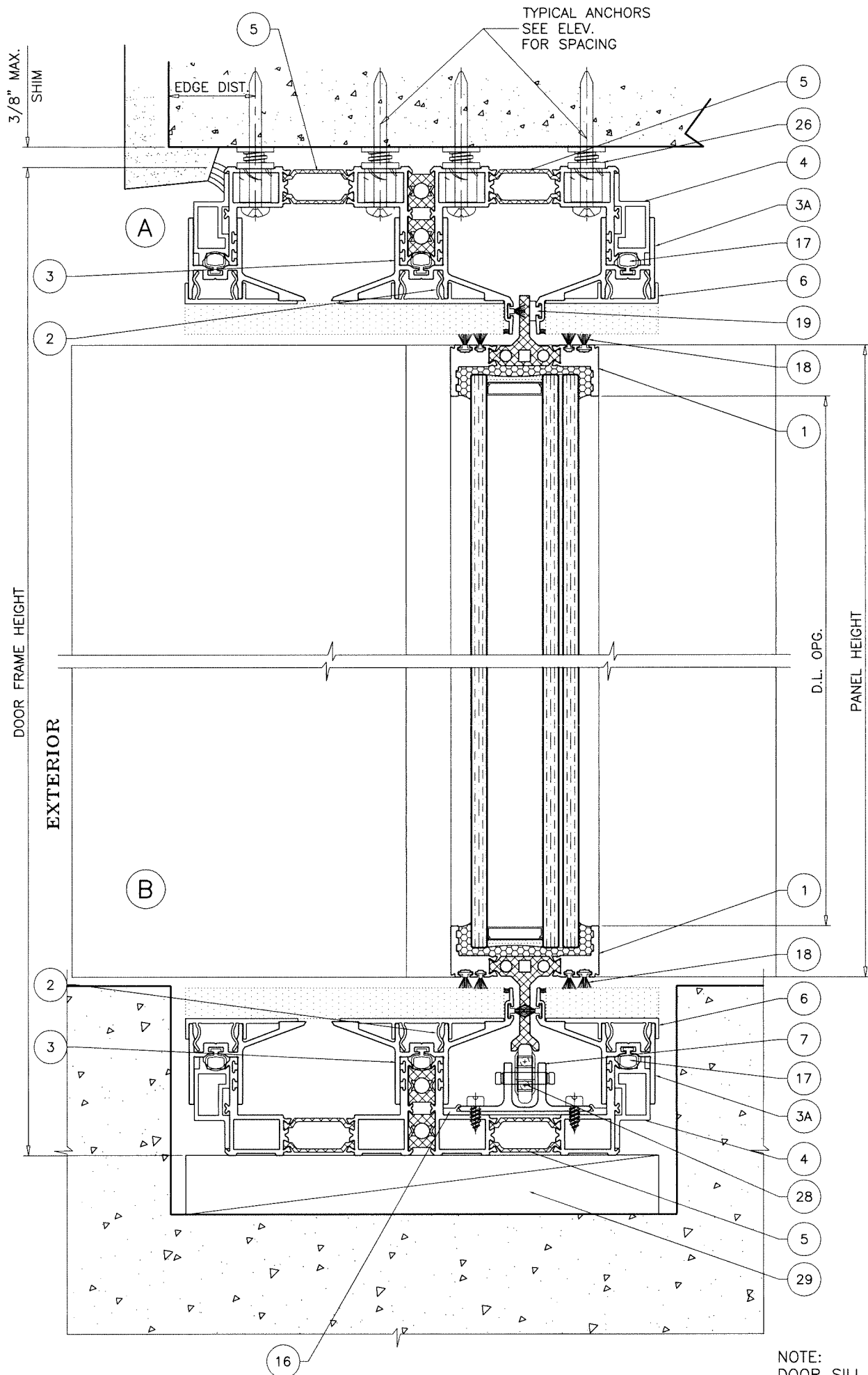
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**Viewscapes**

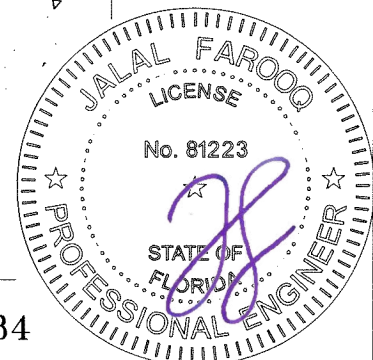
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| sheet       |              | 2 of 11                |             |



NOTE: DOOR SILL MUST BE EMBEDDED AND BEAR AGAINST CONCRETE SUBSTRATE.

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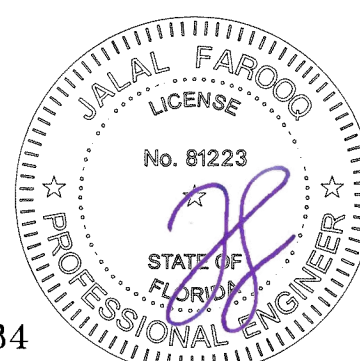
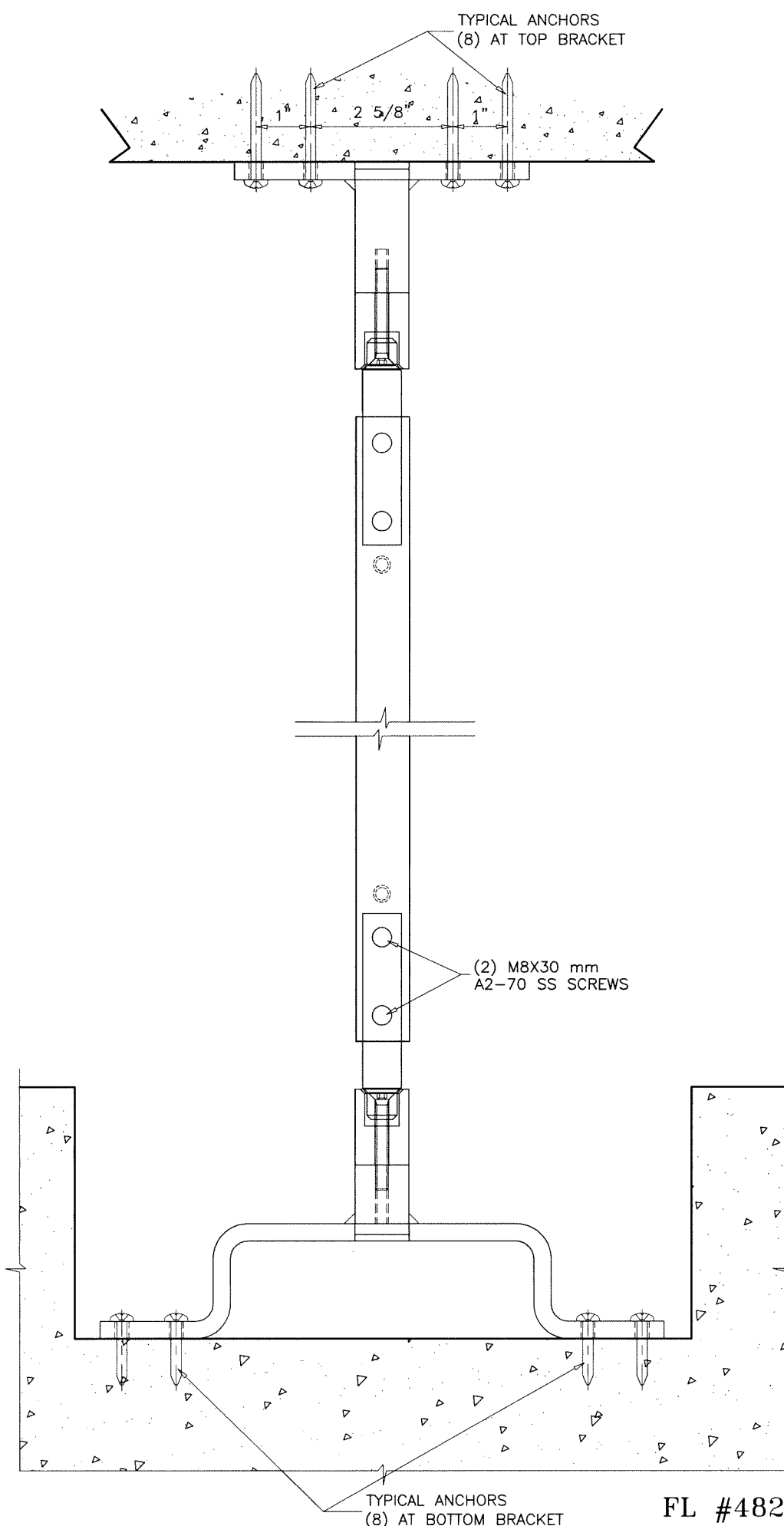
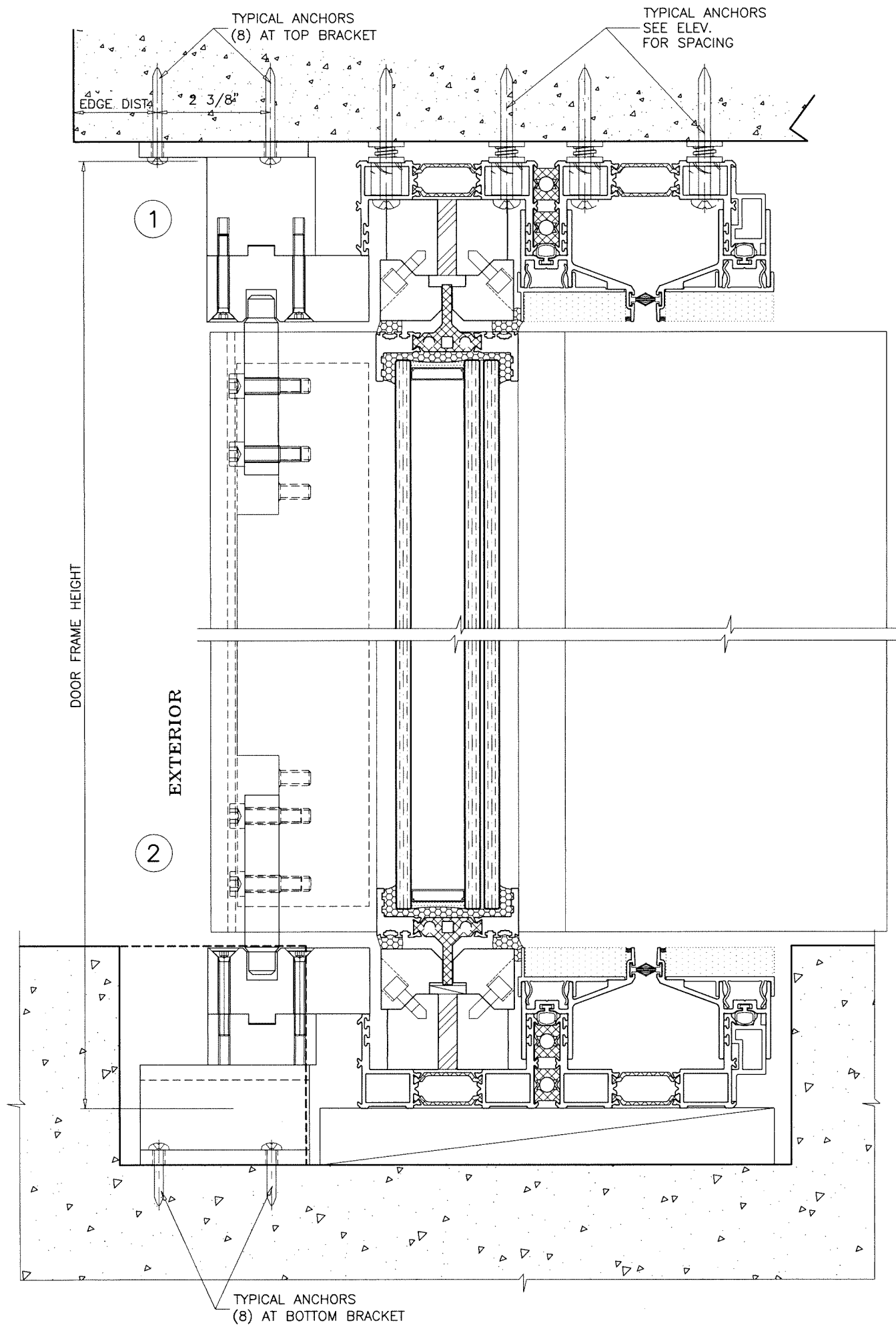
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drawing no.

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3 of 11



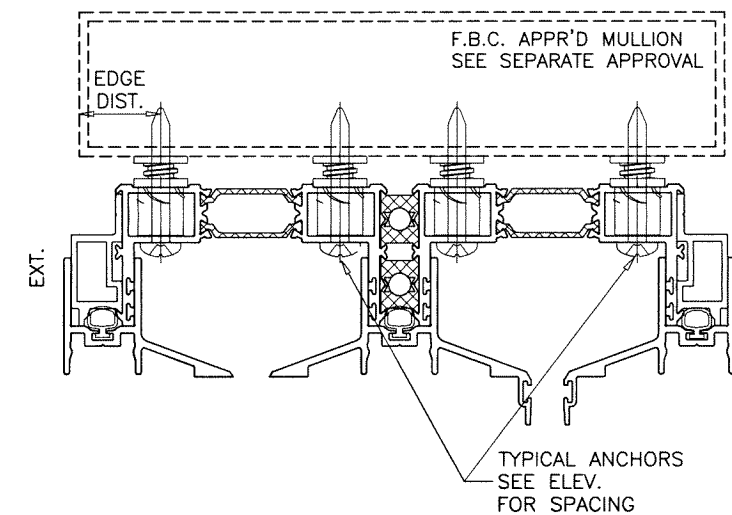
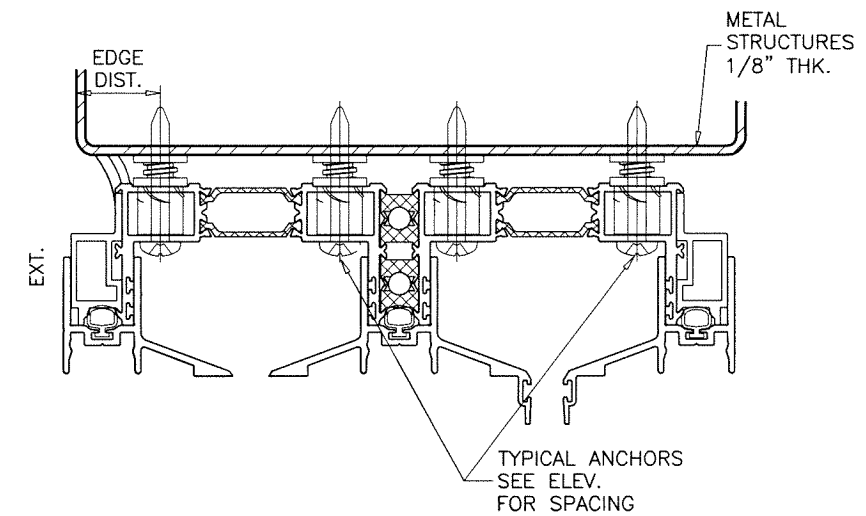
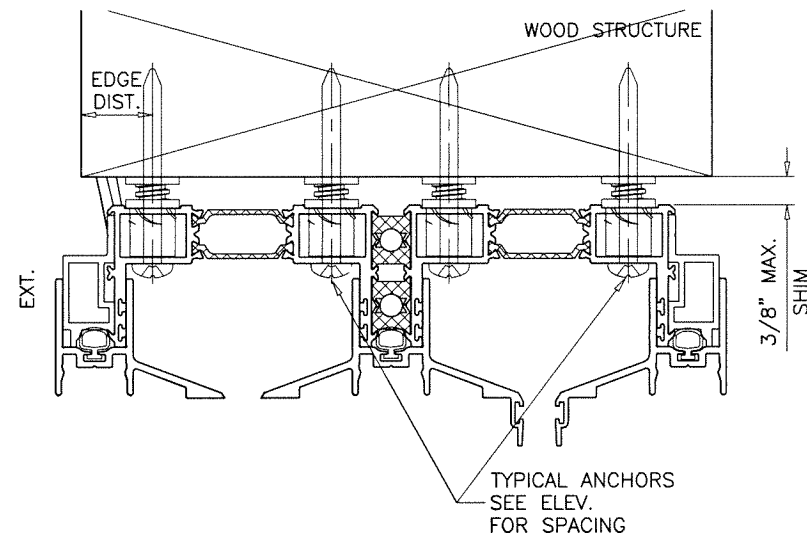
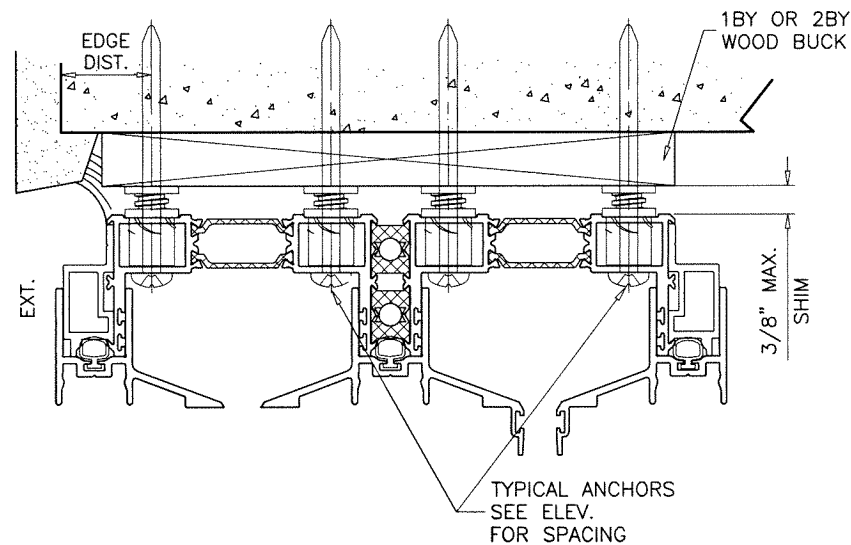
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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'VIEWSCAPES' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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

- TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
- INTO WOOD STRUCTURES
  - 1-3/4" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
  - THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
  - 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
  - 1-3/4" MIN. EMBED INTO CONC. OR GROUT-FILLED BLOCKS (JAMBS)
  - DIRECTLY INTO CONC. OR BLOCKS
  - 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
  - 1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

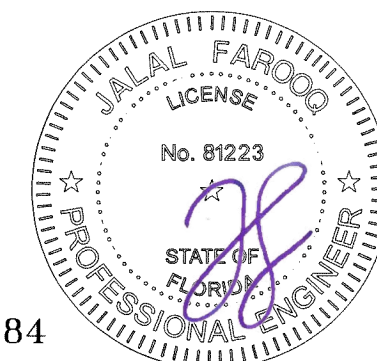
- TYPE 'B' - 1/4" DIA. TEKS OR SELF-DRILLING SCREWS** (GRADE 5 CRS)
- INTO F.B.C. APPROVED MULLIONS
  - OR
  - INTO METAL STRUCTURES (HEAD/JAMBS)
  - (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
  - ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
  - STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
  - (STEEL IN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

#### TYPICAL EDGE DISTANCE

- INTO CONCRETE AT HEAD/SILL = 1-1/2" MIN.
- INTO CONCRETE AND BLOCKS AT JAMBS = 1-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

- WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
- CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
- C-90 GROUT-FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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LUMINA SLIDING GLASS DOOR (L.M.I.)

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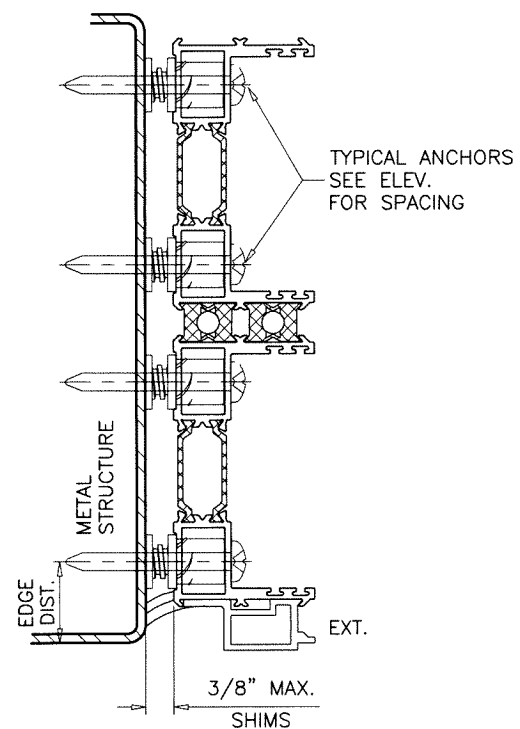
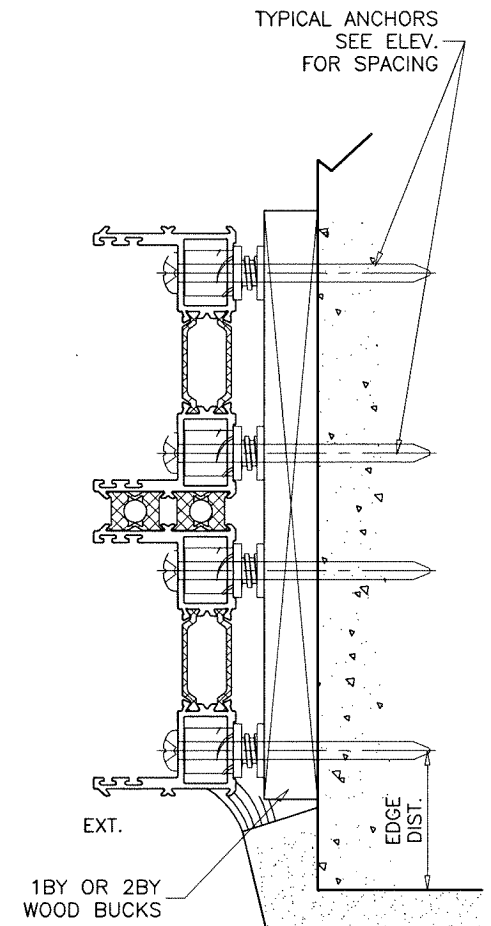
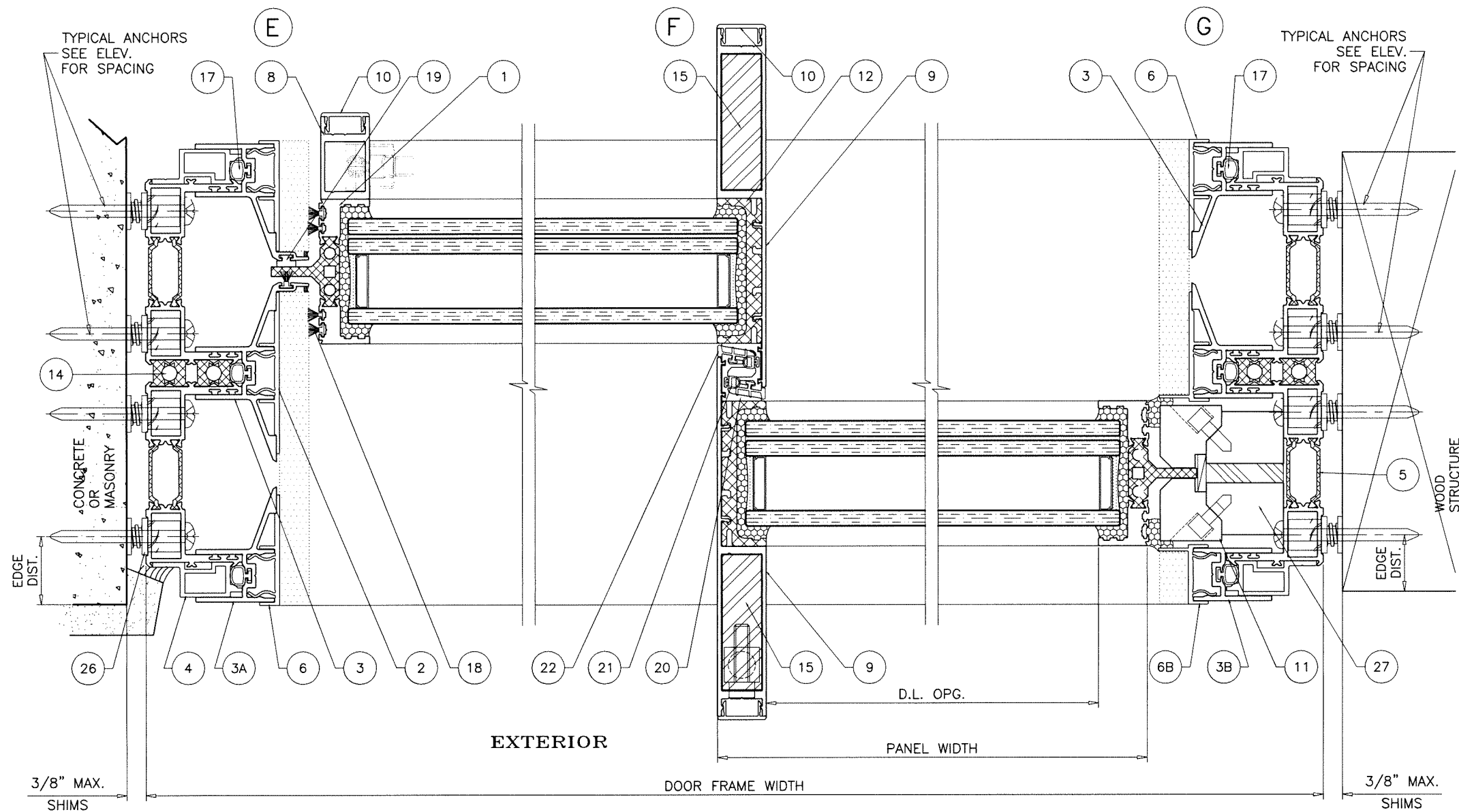
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sheet 5 of 11



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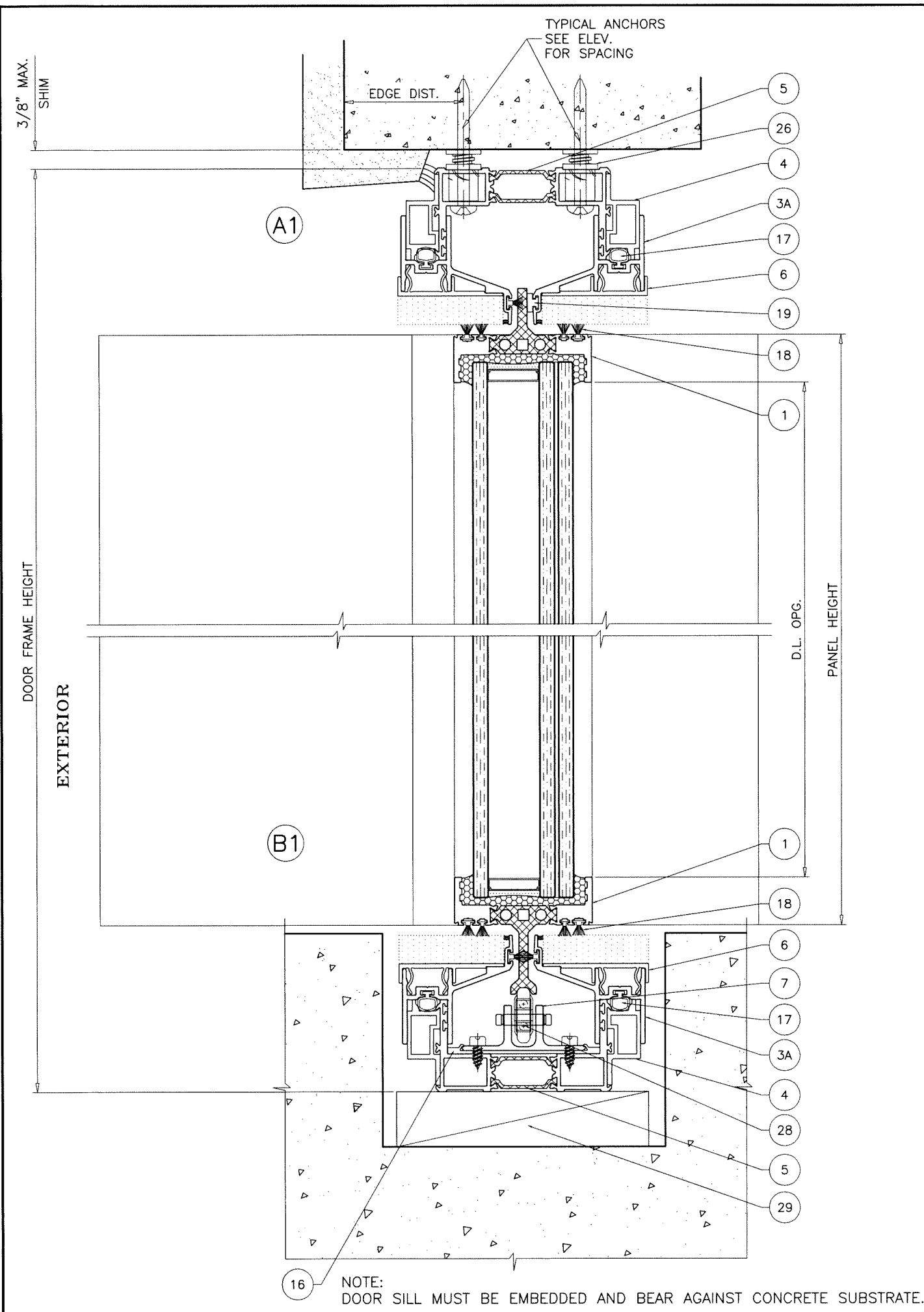


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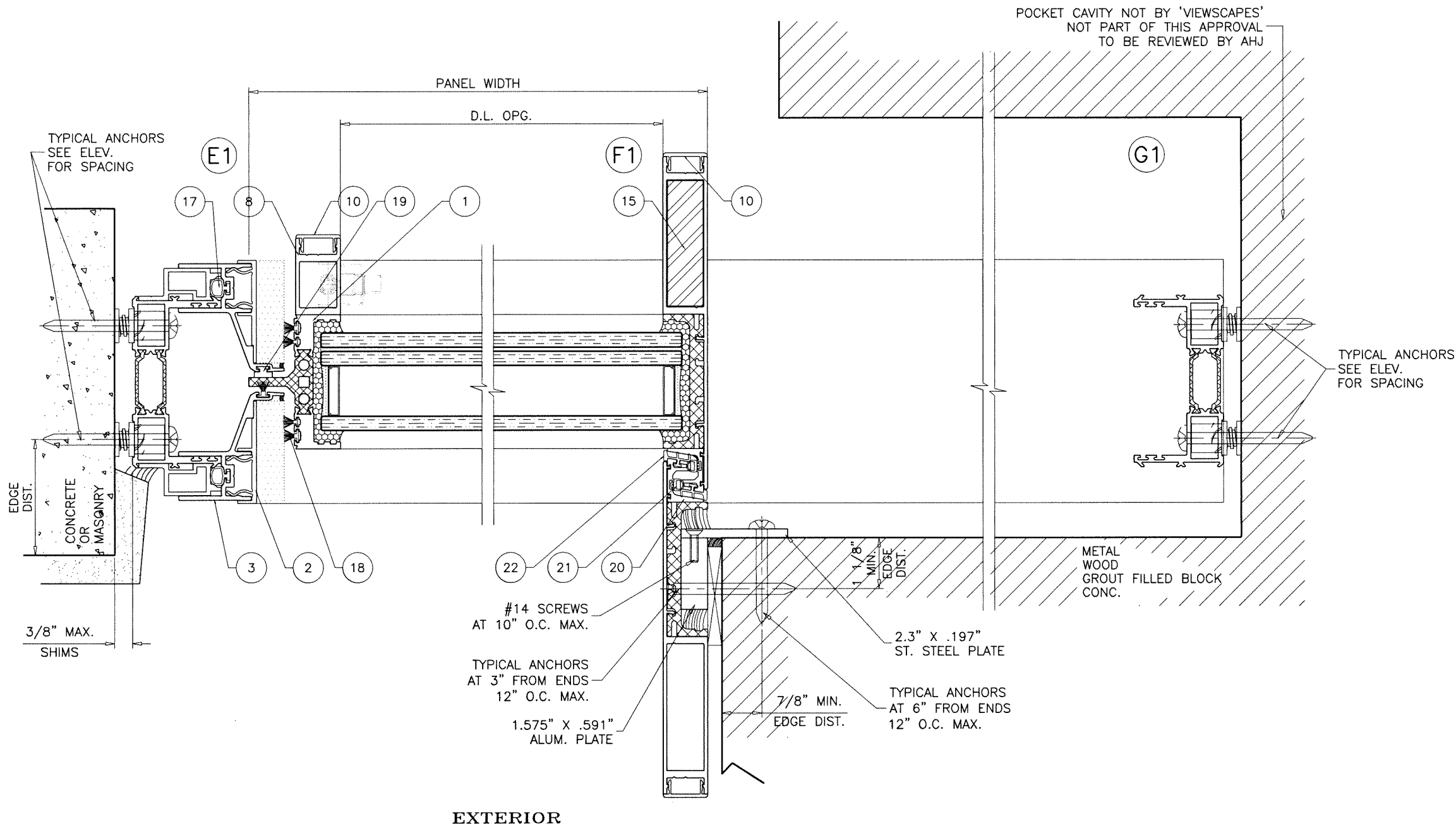
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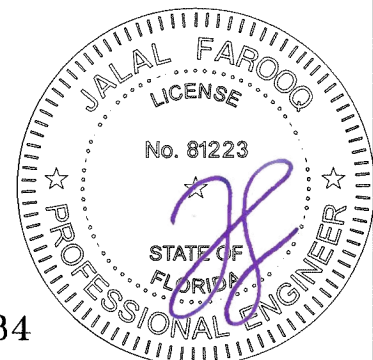
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EXTERIOR

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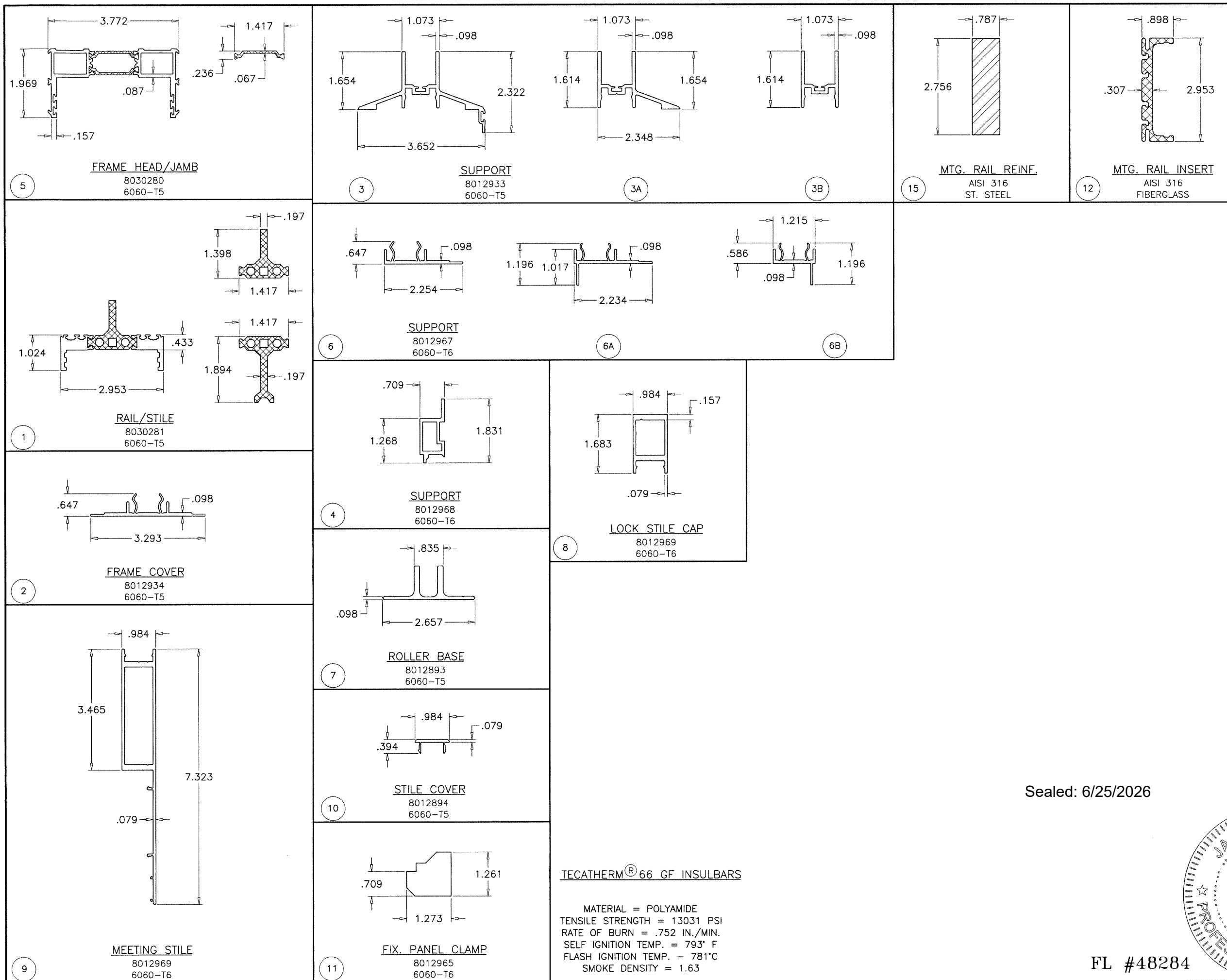
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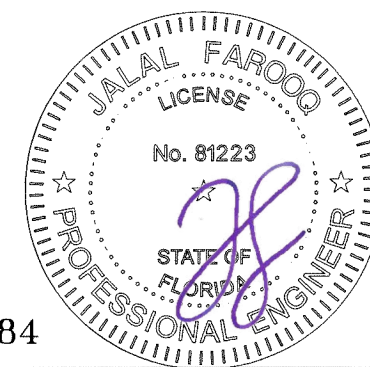
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sheet 8 of 11



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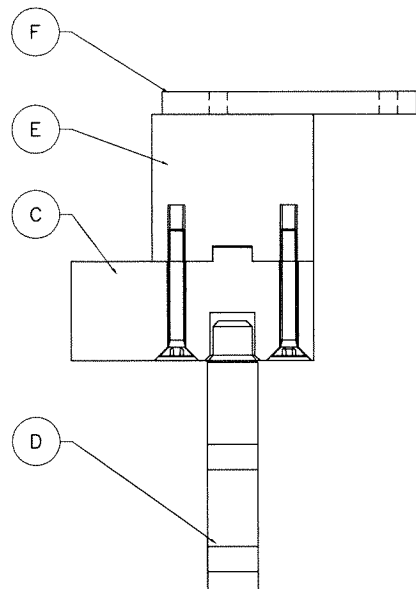
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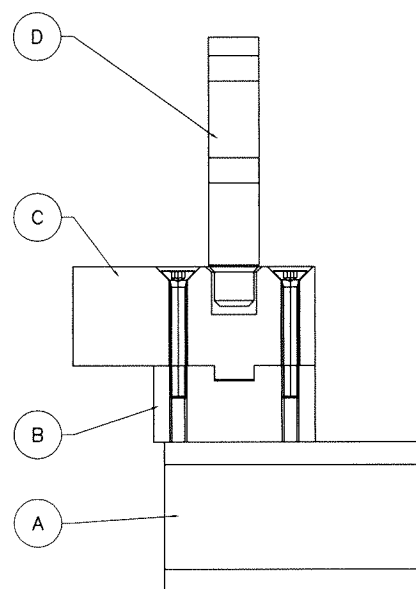
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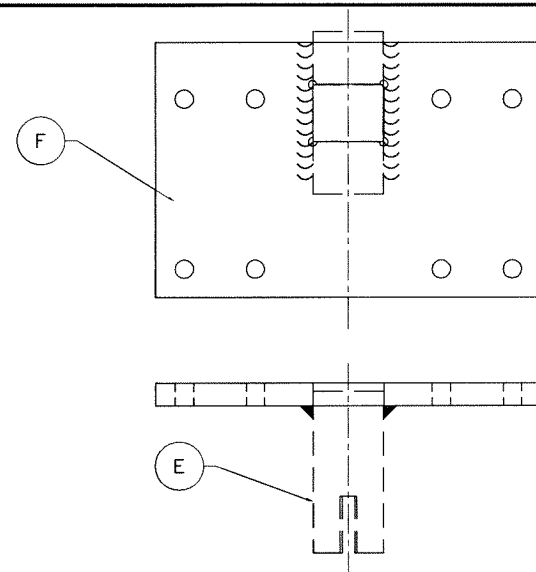
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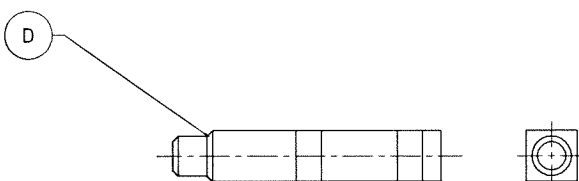
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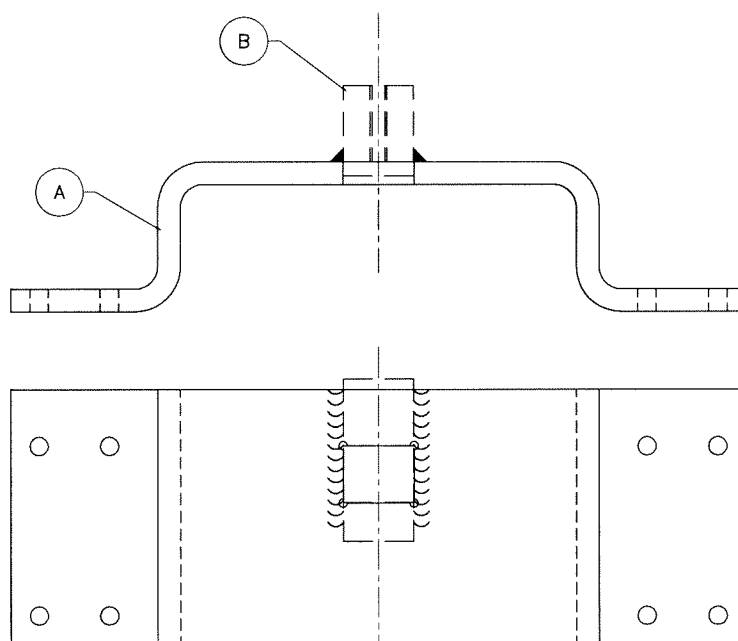
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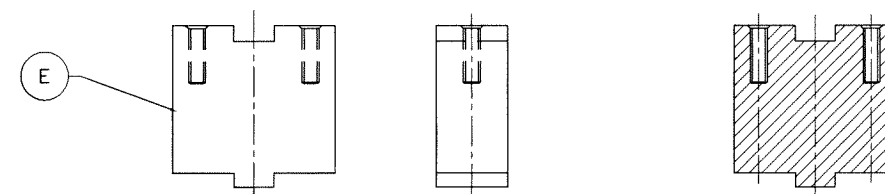
316 ST. STEEL  
Fy MIN. = 30 KSI  
Fu MIN. = 75 KSI



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Fy MIN. = 30 KSI  
Fu MIN. = 75 KSI

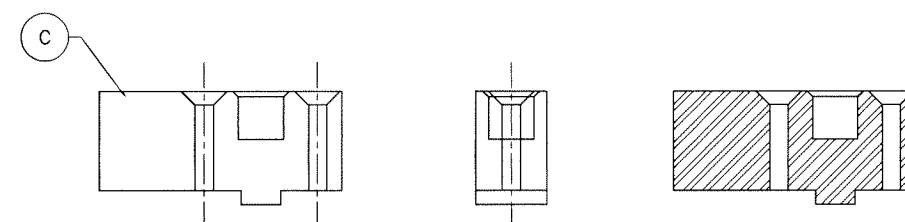


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Fy MIN. = 30 KSI  
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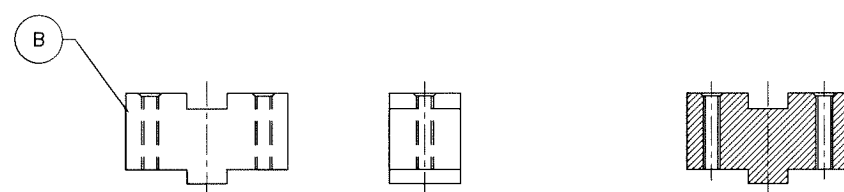
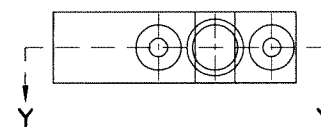
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316 ST. STEEL  
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Fu MIN. = 75 KSI



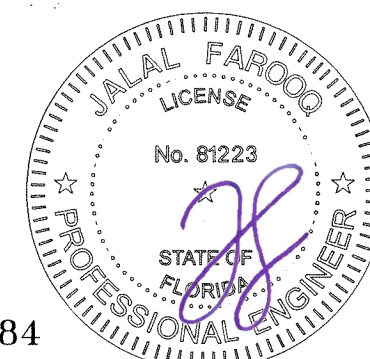
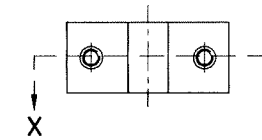
SECTION Y-Y

316 ST. STEEL  
Fy MIN. = 30 KSI  
Fu MIN. = 75 KSI



SECTION X-X

316 ST. STEEL  
Fy MIN. = 30 KSI  
Fu MIN. = 75 KSI



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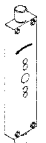
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| date:       | 03-04-26 | scale:                 | 3/8" = 1" |
| dr. by:     | TARIQ    | chk. by:               |           |
| drawing no. | 26-07F   | sheet                  | 10 of 11  |

| ITEM | PART #   | QUANTITY | DESCRIPTION            | MATERIAL           | MANF./SUPPLIER/REMARKS |
|------|----------|----------|------------------------|--------------------|------------------------|
| 1    | 8030281  | AS REQD. | RAIL/STILE             | 6060-T5, POLYAMIDE | -                      |
| 2    | 8012934  | AS REQD. | FRAME COVER            | 6060-T5            | -                      |
| 3    | 8012933  | AS REQD. | SUPPORT                | 6060-T5            | -                      |
| 4    | 8012968  | AS REQD. | SUPPORT                | 6060-T6            | -                      |
| 5    | 8030280  | AS REQD. | FRAME HEAD/SILL        | 6060-T5, POLYAMIDE | -                      |
| 6    | 8012967  | AS REQD. | SUPPORT                | 6060-T6            | -                      |
| 7    | 8012893  | AS REQD. | ROLLER BASE            | 6060-T5            | -                      |
| 8    | 8012969  | AS REQD. | LOCK STILE CAP         | 6060-T6            | -                      |
| 9    | 8012896  | AS REQD. | MEETING STILE          | 6060-T6            | -                      |
| 10   | 8012894  | AS REQD. | STILE COVER            | 6060-T5            | -                      |
| 11   | 8012965  | AS REQD. | FIX. PANEL CLAMP       | 6060-T6            | -                      |
| 12   | PT.01    | AS REQD. | MEETING STILE INSERT   | FIBERGLASS         | -                      |
| 13   | P_6439.0 | AS REQD. | RAIL/STILE CONNECTOR   | POLYAMIDE          | -                      |
| 14   | AGD365   | AS REQD. | FRAME CONNECTOR        | ABS                | -                      |
| 15   | AISI 316 | AS REQD. | MTG. STILE REINFORCING | ST. STEEL          | -                      |
| 16   | 2070     | AS REQD. | ROLLER BASE GASKET     | EPDM               | -                      |
| 17   | 541      | AS REQD. | BULB GASKET            | EPDM               | -                      |
| 18   | 4.8 X 7  | AS REQD. | BRUSH W'STRIPPING      | -                  | -                      |
| 19   | PTFE     | AS REQD. | PANEL SPACER           | TEFLON             | -                      |
| 20   | 2067     | AS REQD. | MTG. STILE ADAPTER     | ABS                | -                      |
| 21   | EC100248 | AS REQD. | GASKET                 | SILICONE, EPDM     | -                      |
| 22   | 2068     | AS REQD. | GASKET                 | SILICONE           | -                      |
| 23   | -        | AS REQD. | ANCHOR PLATE           | GALV. STEEL        | -                      |
| 24   | -        | AS REQD. | SLIDING TRACK          | COMPOSITE          | -                      |
| 25   | -        | AS REQD. | DRAINAGE KIT           | COMPOSITE          | -                      |
| 26   | 600.01   | AS REQD. | ADJUSTABLE SHIMS       | PLASTIC            | -                      |
| 27   | -        | AS REQD. | FIX. PANEL BLOCK       | COMPOSITE          | -                      |
| 28   | -        | AS REQD. | ROLLER ASSEMBLY        | -                  | -                      |
| 29   | -        | AS REQD. | PURENIT SUB-SILL       | WOOD               | -                      |
| 30   | -        | -        | -                      | -                  | -                      |
|      |          |          |                        |                    |                        |

SEALANTS:

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

| Component     | Manufacturer/Supplier | Model        | Material             |                                                                                     |
|---------------|-----------------------|--------------|----------------------|-------------------------------------------------------------------------------------|
| Lock          | Gastaldello Sistemi   | A204759      | Galvanized Steel     |  |
| Handle        | Viewscapes            | ---          | Aluminum             |  |
| Connector bar | ----                  | ---          | S.S. A-70            |  |
| Bolt          | Gastaldello Sistemi   | A204311      | S.S.                 |  |
| Strike        | Viewscapes            | 24R01-M02-03 | S.S.                 |  |
| Wheel         | Viewscapes            | RT-163       | S.S.<br>Polyethylene |  |

Sealed: 6/25/2026



FL #48284

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

LUMINA SLIDING GLASS DOOR (L.M.I.)

**Viewscapes**  
Via Padova, 14-31041  
Cornuda (TV), Italy 31041  
Tel. +39 0423 83607

revisions:  
no date by description

date: 03-04-26  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**26-07F**

sheet 11 of 11

COMP-ANL\26-07F-VSC