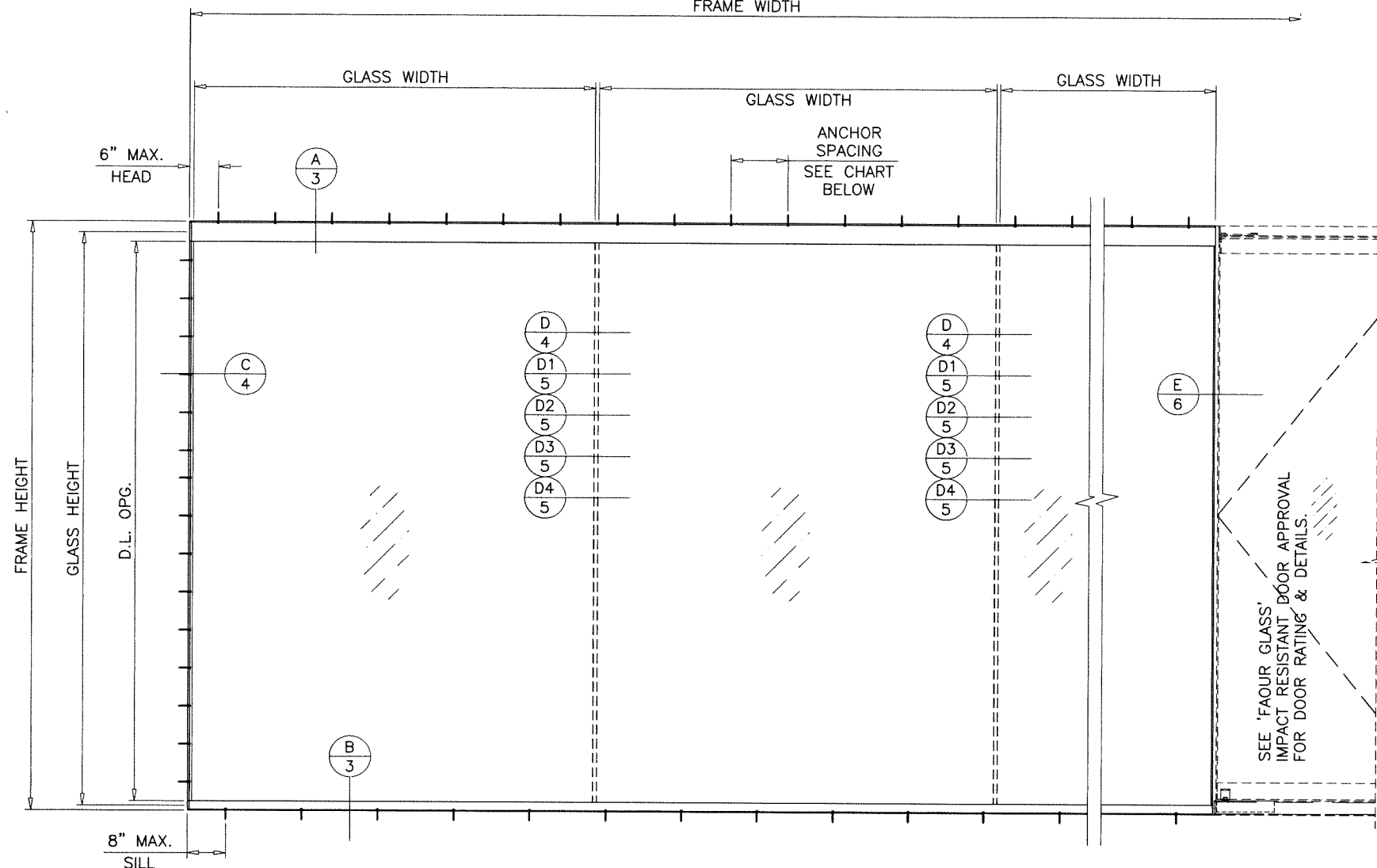
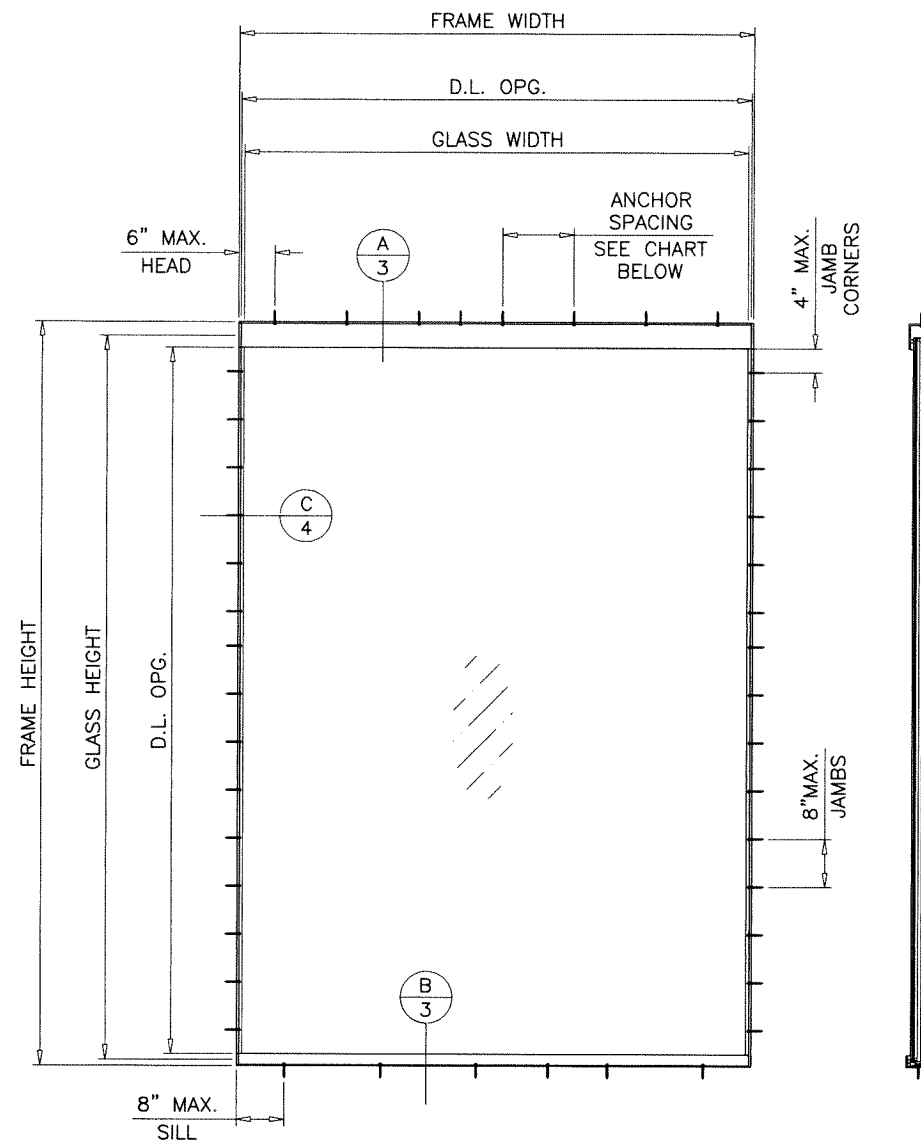




TYPICAL ELEVATIONS

| ANCHOR TYPE | ANCHOR SPACING INCHES |      |
|-------------|-----------------------|------|
|             | HEAD                  | SILL |
| A           | 12                    | 14   |
| B           | 12                    | 16   |
| C           | 12                    | 16   |

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.

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

APPROVAL APPLIES TO SINGLE LITE UNITS OR MULTIPLE LITES UNIT INSTALLATIONS  
SEE SHEET 2 FOR DESIGN LOAD CAPACITY

## SERIES 'SLIMPACT XLIG' 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)'.

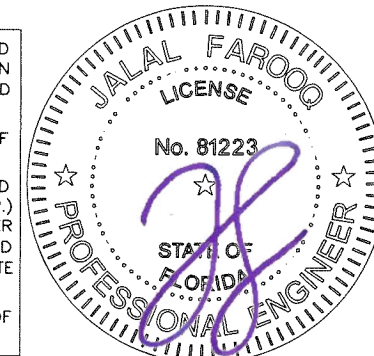
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

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

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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.



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\21-04F-FGT

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

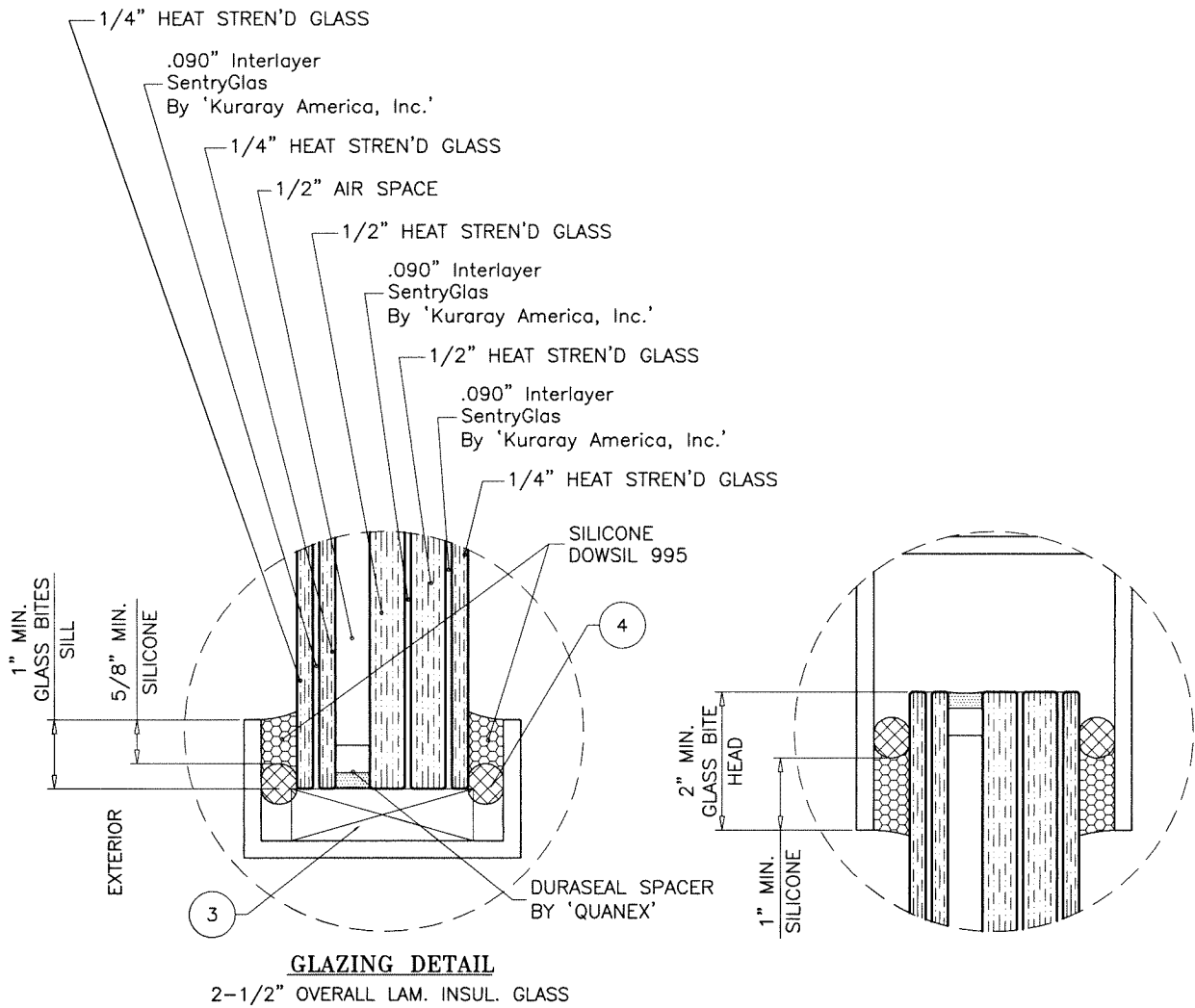
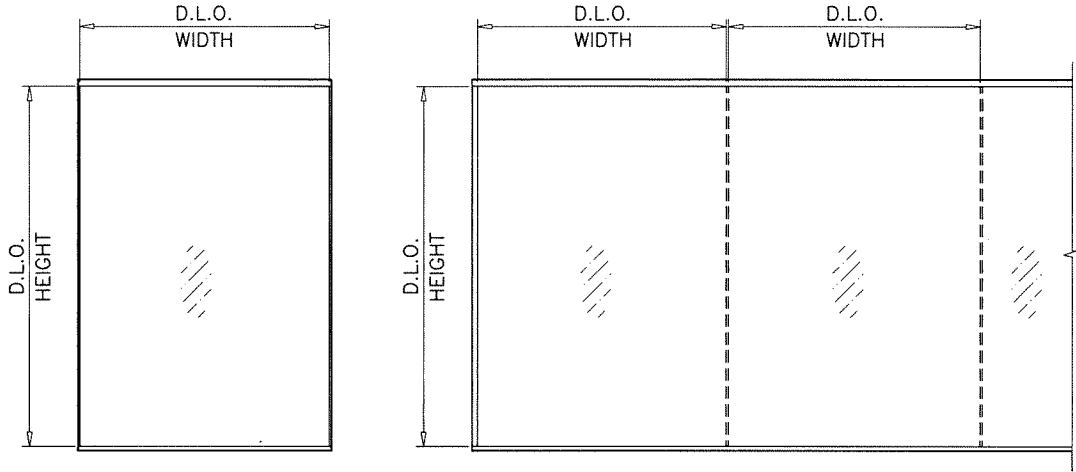
**Faour Glass Technologies**

5119 West Knox Street  
Tampa, FL 33634

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

| revisions:        |          |    |                     |  |
|-------------------|----------|----|---------------------|--|
| no                | date     | by | description         |  |
| A                 | 10.05.21 |    | CORNER DETAIL ADDED |  |
| B                 | 08.16.23 |    | UPDATED TO 2023 FBC |  |
| C                 | 09.18.26 |    | UPDATED TO 2026 FBC |  |
|                   |          |    |                     |  |
|                   |          |    |                     |  |
| date: 01-14-21    |          |    |                     |  |
| scale: 3/8"=1'-0" |          |    |                     |  |
| dr. by: TARIQ     |          |    |                     |  |
| chk. by:          |          |    |                     |  |
| drawing no.       |          |    |                     |  |
| 21-04F            |          |    |                     |  |
| sheet 1 of 6      |          |    |                     |  |

| DESIGN LOAD CAPACITY - PSF |           |                   |         |
|----------------------------|-----------|-------------------|---------|
| D.L.O. DIMS.               |           | LAM. INSUL. GLASS |         |
| WIDTH                      | HEIGHT    | EXT.(+)           | INT.(-) |
| 96"                        | 144"      | 70.0              | 70.0    |
| 102-7/8"                   | 134-7/16" | 75.0              | 75.0    |
| 109-3/4"                   | 126"      | 80.0              | 80.0    |
| 116-1/2"                   | 118-1/2"  | 80.0              | 85.0    |
| 123-7/16"                  | 112"      | 80.0              | 90.0    |



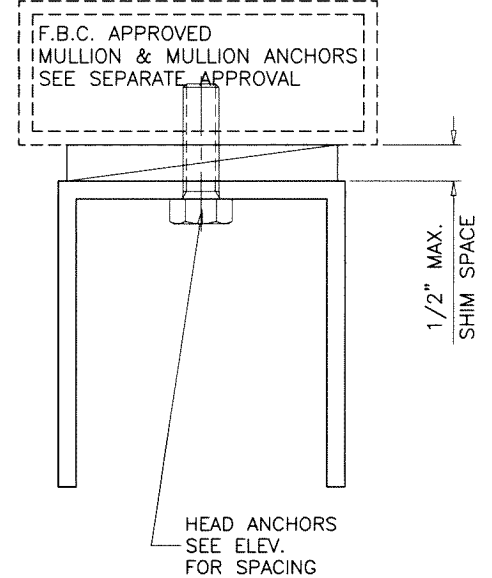
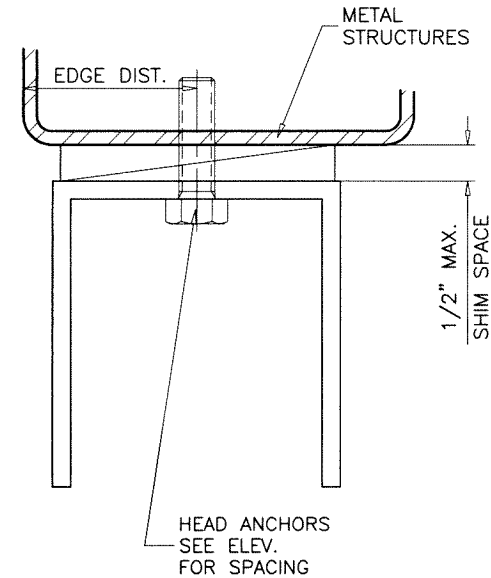
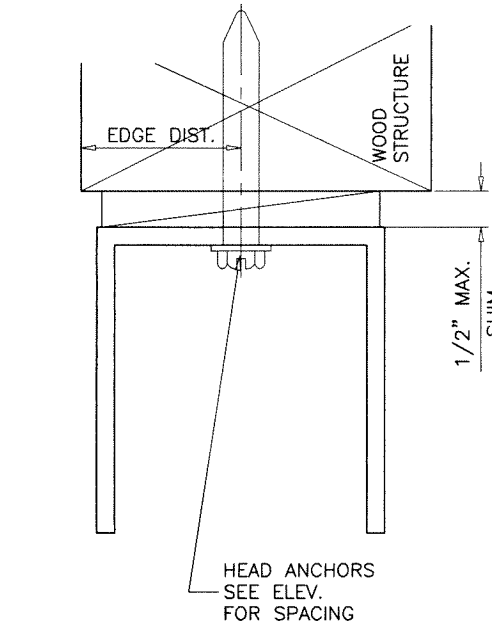
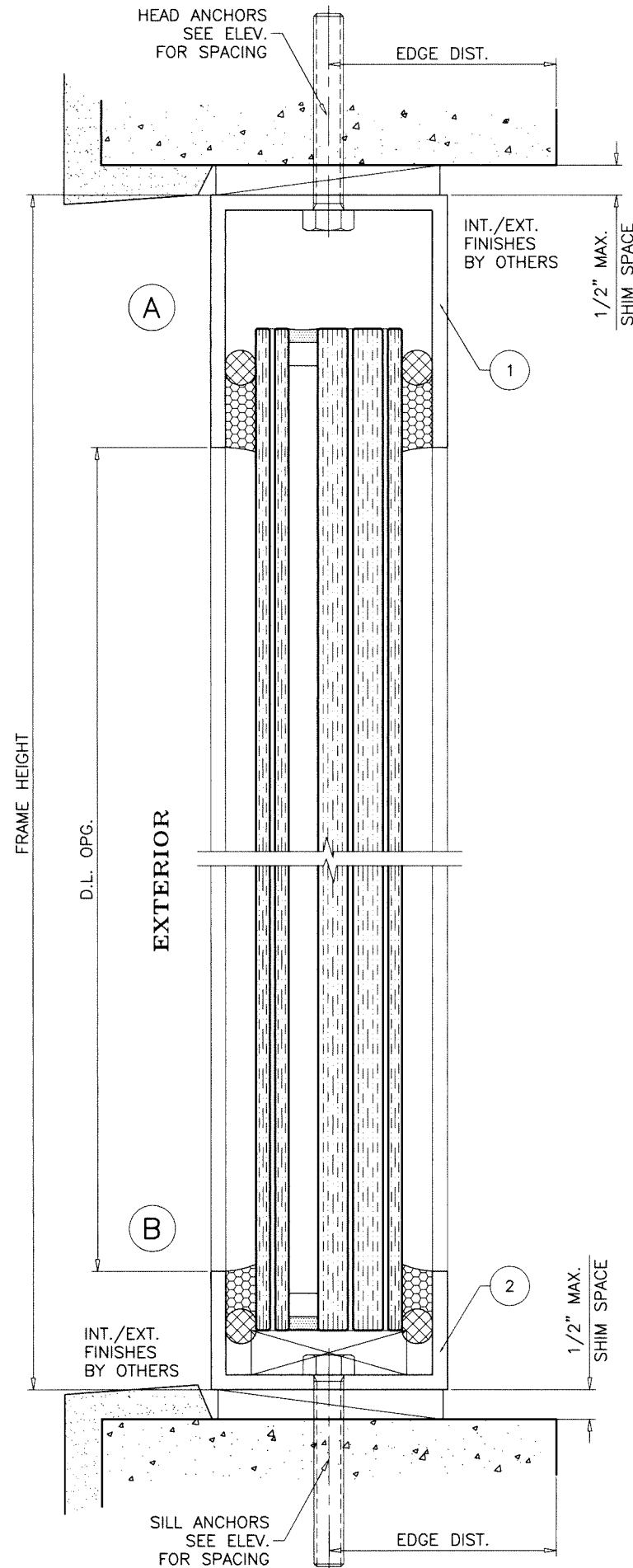
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SERIES 'SLIMPACT XLIG' GLASS WALL SYSTEM (L.M.I.)  
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5119 West Knox Street  
Tampa, FL 33634  
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| revisions:  |          | no date by description |           |
|-------------|----------|------------------------|-----------|
| date:       | 01-14-21 | scale:                 | 3/8" = 1" |
| dr. by:     | TARIQ    | chk. by:               |           |
| drawing no. | 21-04F   | sheet                  | 2 of 6    |



**HEAD/SILL ANCHORS:** SEE ELEV. FOR SPACING

**ANCHOR 'A'— 1/2" DIA. LAG SCREWS**  
 INTO WOOD STRUCTURES  
 3" MIN. PENETRATION INTO WOOD

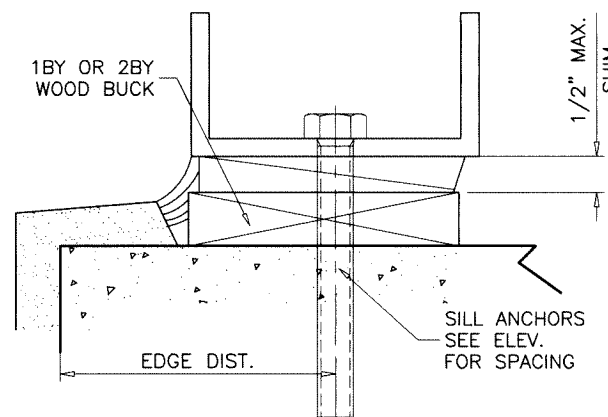
**ANCHOR 'B'— 1/2" DIA. SCREW-BOLT+ BY 'DEWALT'**  
 THRU 1BY OR 2BY WOOD BUCKS INTO CONC.  
 2-1/2" MIN. EMBED INTO CONCRETE  
 DIRECTLY INTO CONCRETE  
 2-1/2" MIN. EMBED INTO CONCRETE

**ANCHOR 'C'— 1/2" DIA. Tap-Flex BY 'DEWALT'**  
**1/2" DIA. ST. STEEL MACHINE SCREW** (Fu=120 KSI MIN., Fy=92 KSI MIN.)  
 INTO METAL STRUCTURES  
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE (FOR Tap-Flex)  
 1/4" EMBEDMENT INTO SUBSTRATE (FOR MACHINE SCREWS)  
 ALUMINUM: 1/4" THK. (6063-T5)  
 STEEL: 1/4" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 2" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR SILL SG = 0.55 MIN.  
 CONCRETE AT HEAD OR SILL f'c = 3000 PSI MIN.



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

**5/16" DIA. ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE  
 1-1/4" MIN. EMBED INTO BLOCKS

DIRECTLY INTO CONCRETE OR BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE  
 1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS

**5/16" DIA. TEKS OR SELF DRILLING SCREWS** (GRADE 5 CRS)  
**5/16" DIA. ST. STEEL MACHINE SCREW** (Fu=120 KSI MIN., Fy=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. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

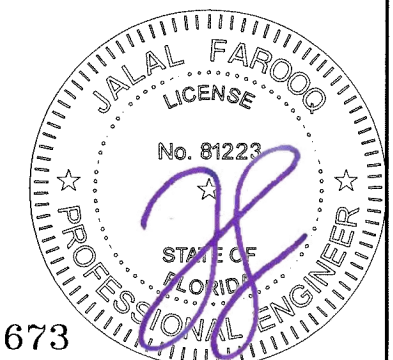
**TYPICAL EDGE DISTANCE**

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



FL #25673

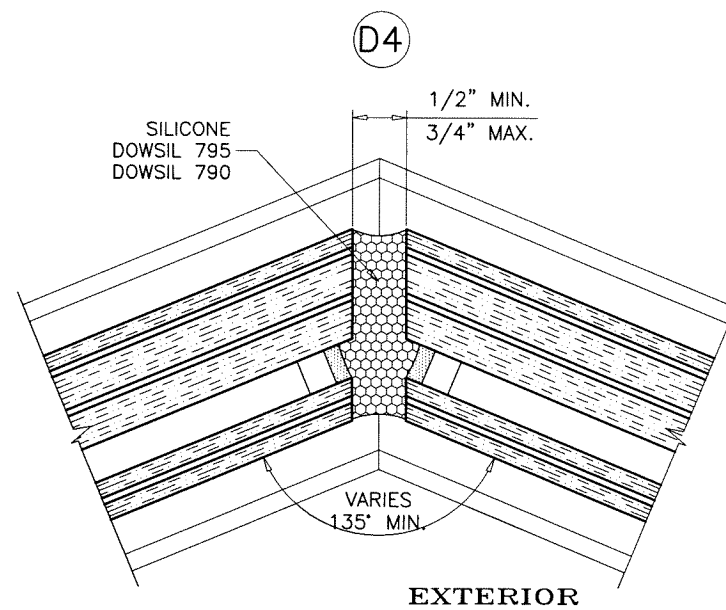
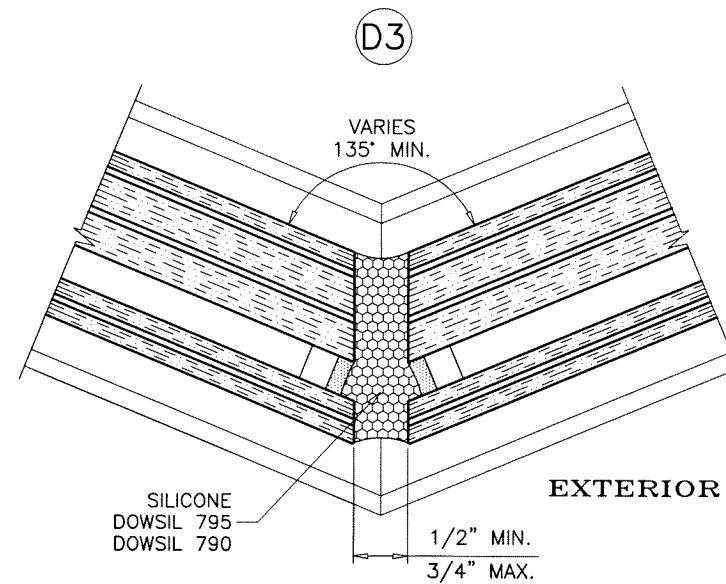
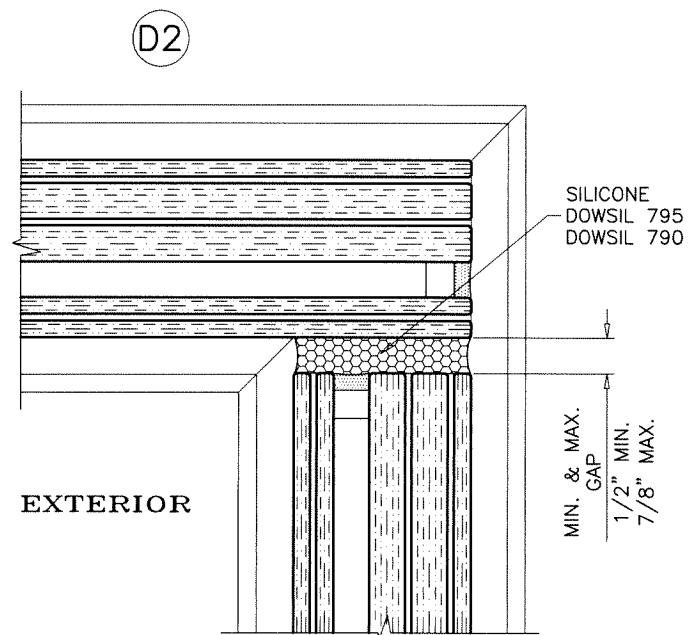
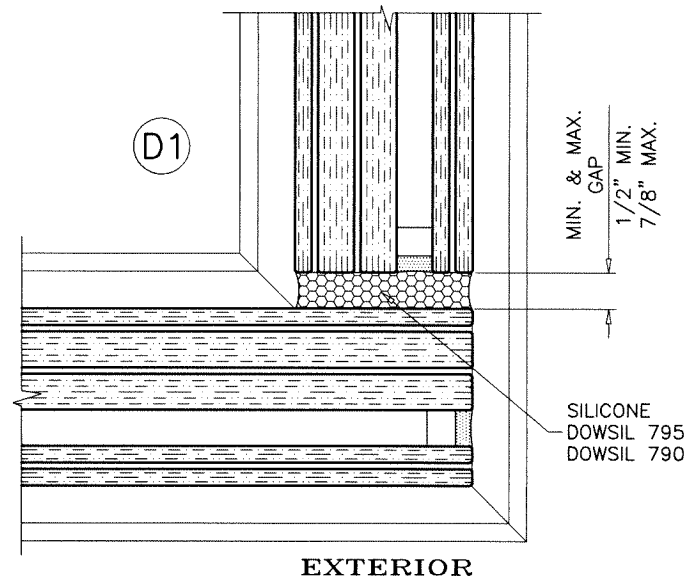
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 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
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SERIES 'SLIMPACT XLIG' GLASS WALL SYSTEM (L.M.I.)

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

| revisions:  |          | no date by description |           |
|-------------|----------|------------------------|-----------|
| date:       | 01-14-21 | scale:                 | 3/8" = 1" |
| dr. by:     | TARIQ    | chk. by:               |           |
| drawing no. | 21-04F   |                        |           |
| sheet       | 3 of 6   |                        |           |





Sealed: 9/18/2026



FL #25673

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COMP-ANL 21-04F-FGT

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

**Faour Glass Technologies**

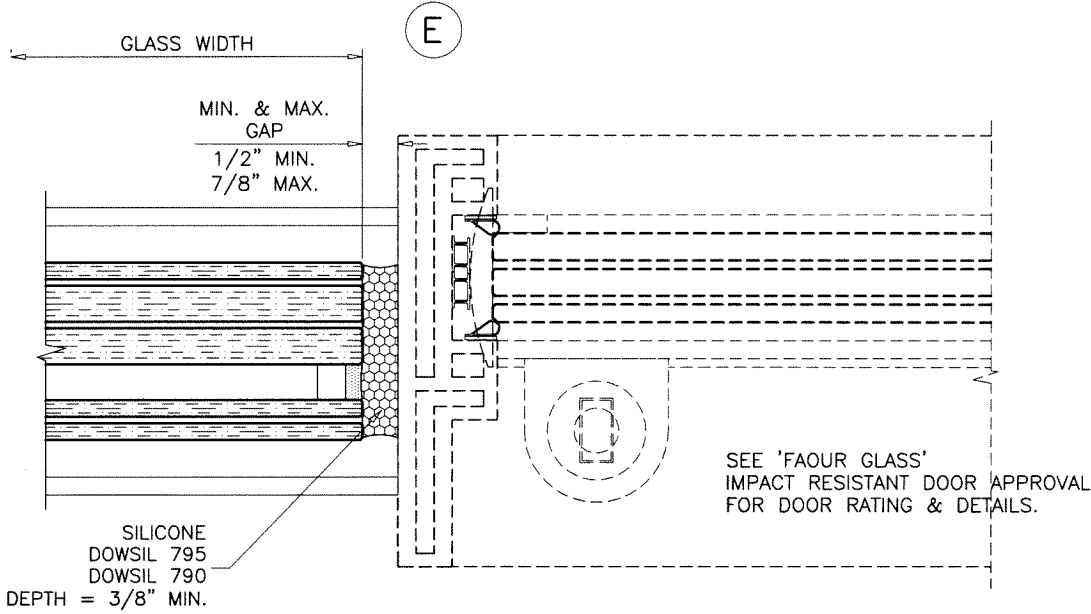
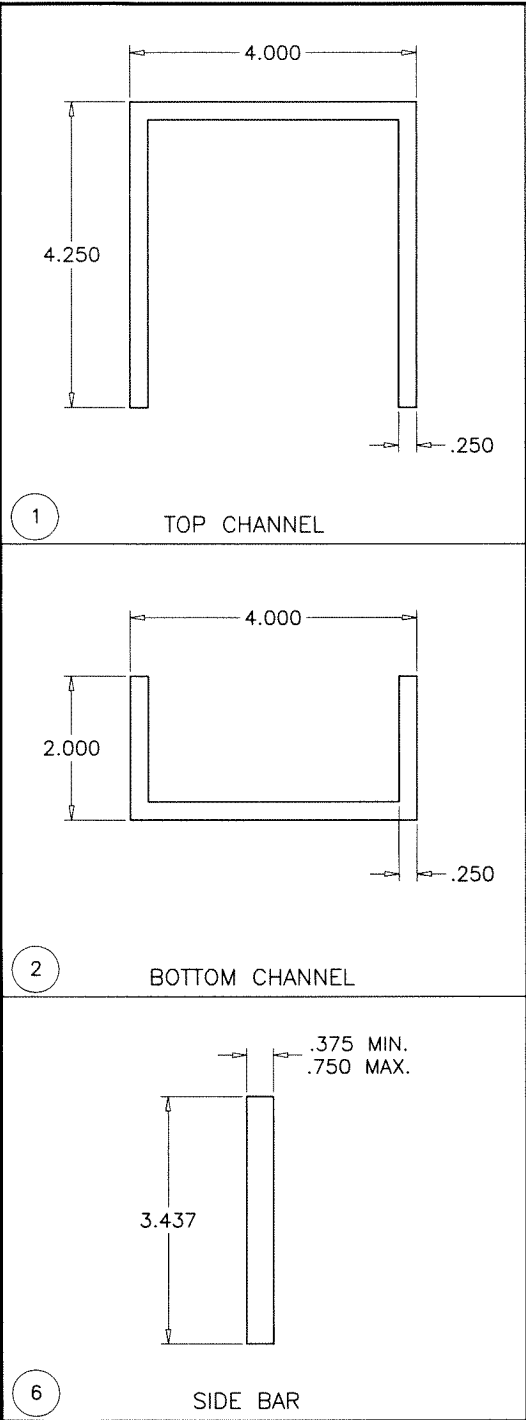
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| revisions: |  | no | date | by | description |
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| date: 01-14-21 | scale: 3/8" = 1" | dr. by: TARIQ | chk. by: |
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|             |        |
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| drawing no. | 21-04F |
| sheet       | 5 of 6 |



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.

| ITEM # | PART #     | REQD.    | DESCRIPTION                                             | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|------------|----------|---------------------------------------------------------|----------|------------------------|
| 1      | -          | AS REQD. | TOP CHANNEL                                             | 6061-T6  | -                      |
| 2      | -          | AS REQD. | BOTTOM CHANNEL                                          | 6061-T6  | -                      |
| 3      | -          | 2/ LITE  | SETTING BLOCKS AT 1/4 POINTS, (2-1/2" X 3/4" X 6" LONG) | 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. | SIDE BAR                                                | 6061-T6  | -                      |
| 7      | -          | -        | -                                                       | -        | -                      |

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

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**af c**

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|    |      |    |             |

date: 01-14-21

scale: 3/8" = 1"

dr. by: TARIQ

chk. by:

drawing no.

**21-04F**

sheet 6 of 6