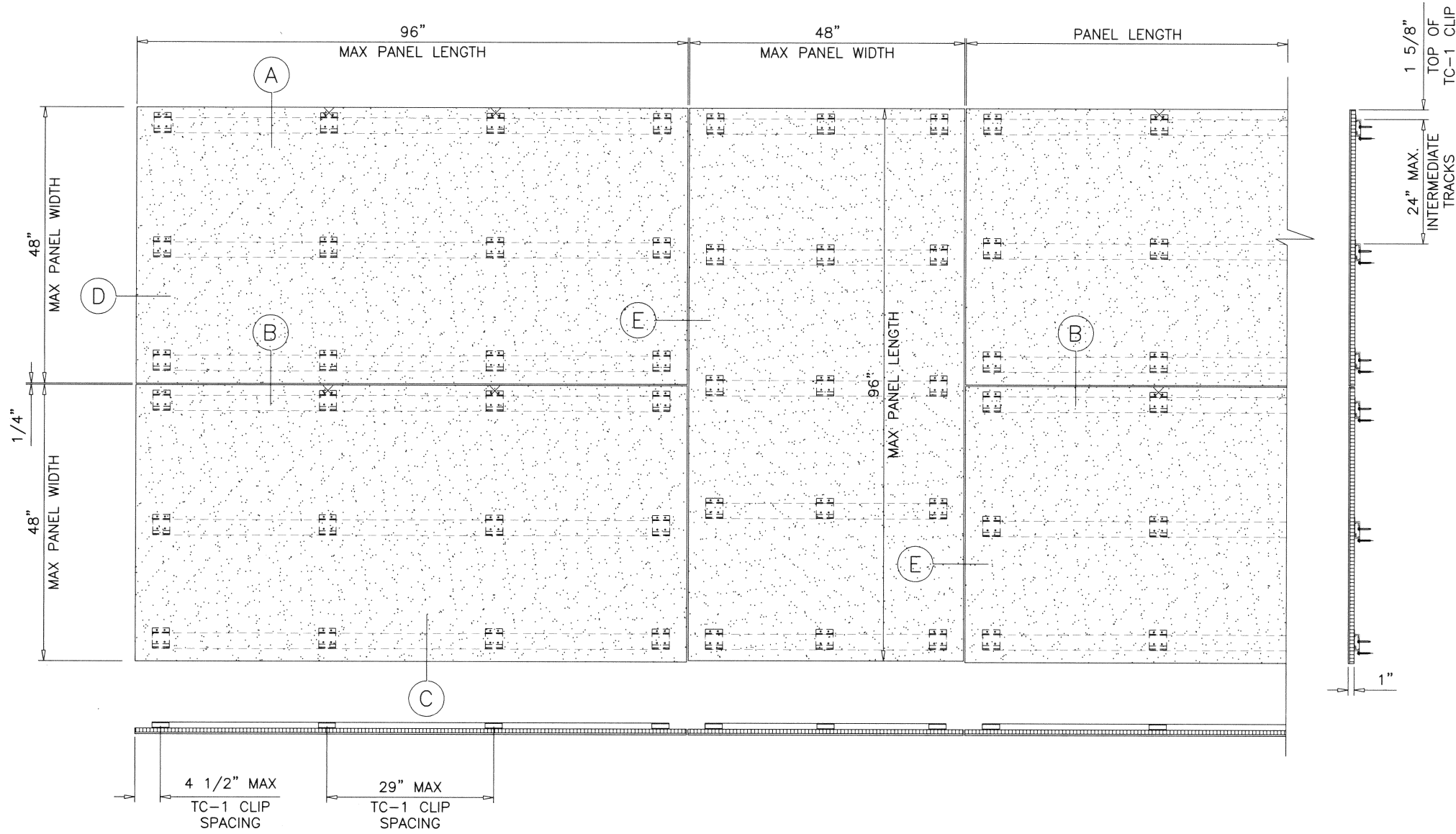




TYPICAL ELEVATION  
INSTALLATIONS AT MASONRY/CONCRETE STRUCTURES  
SEE SHEETS 3 AND 4 FOR INSTALLATION DETAILS

NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.



STONE VENEER HONEYCOMB PANEL BY ALLCOMB®

APPROVAL APPLIES TO MULTIPLE UNIT INSTALLATIONS

MAX. DESIGN LOAD = +100.0 PSF  
-100.0 PSF

MAX. PANEL SIZE = 96" LONG X 48" WIDE  
MAX. HORIZONTAL TRACK SPACING = 24" O.C..  
MAX. TC-1 CLIP SPACING = 29" O.C.

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).

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.

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.

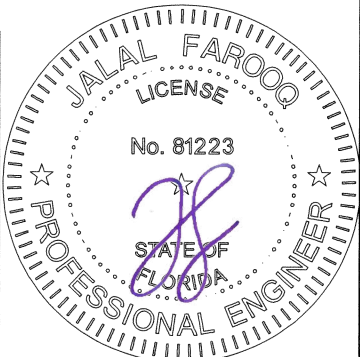
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

- 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: 9/1/2023

FL #22555

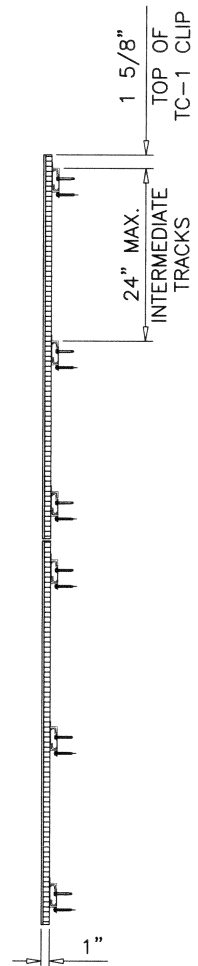


**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
C.A.N. 3538

**TERRACORE** STONE VENEER HONEYCOMB PANEL (L.M.I.)  
**TERRACORE PANELS, LLC**  
2030 Irving Blvd  
Dallas, TX 75207  
PHONE: (214) 749-0999 FAX: (214) 742-2804

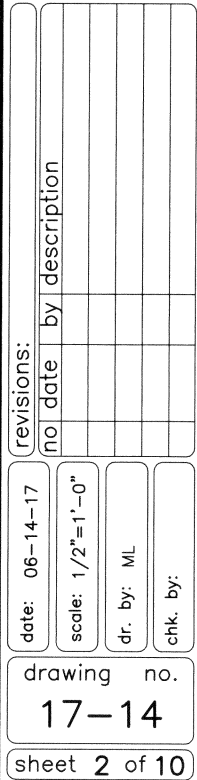
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|                   |  | B          | 08.31.23 | UPDATED TO 2023 FBC |  |
|                   |  |            |          |                     |  |
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| chk. by:          |  |            |          |                     |  |
|                   |  |            |          |                     |  |
| drawing no.       |  | 17-14      |          |                     |  |
| sheet 1 of 10     |  |            |          |                     |  |

RAINSCEEN\17-14F-TPL



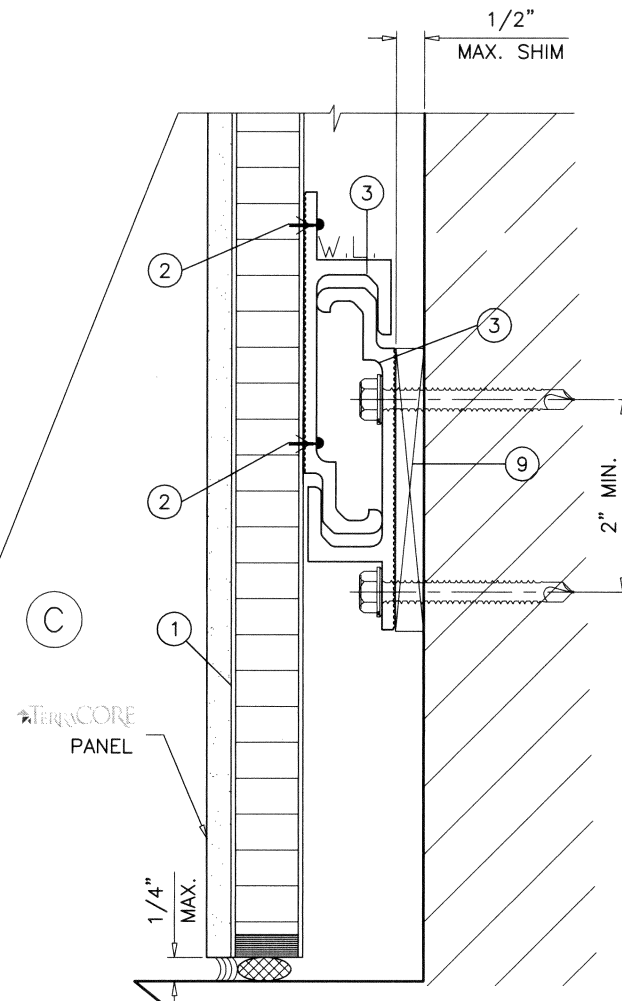
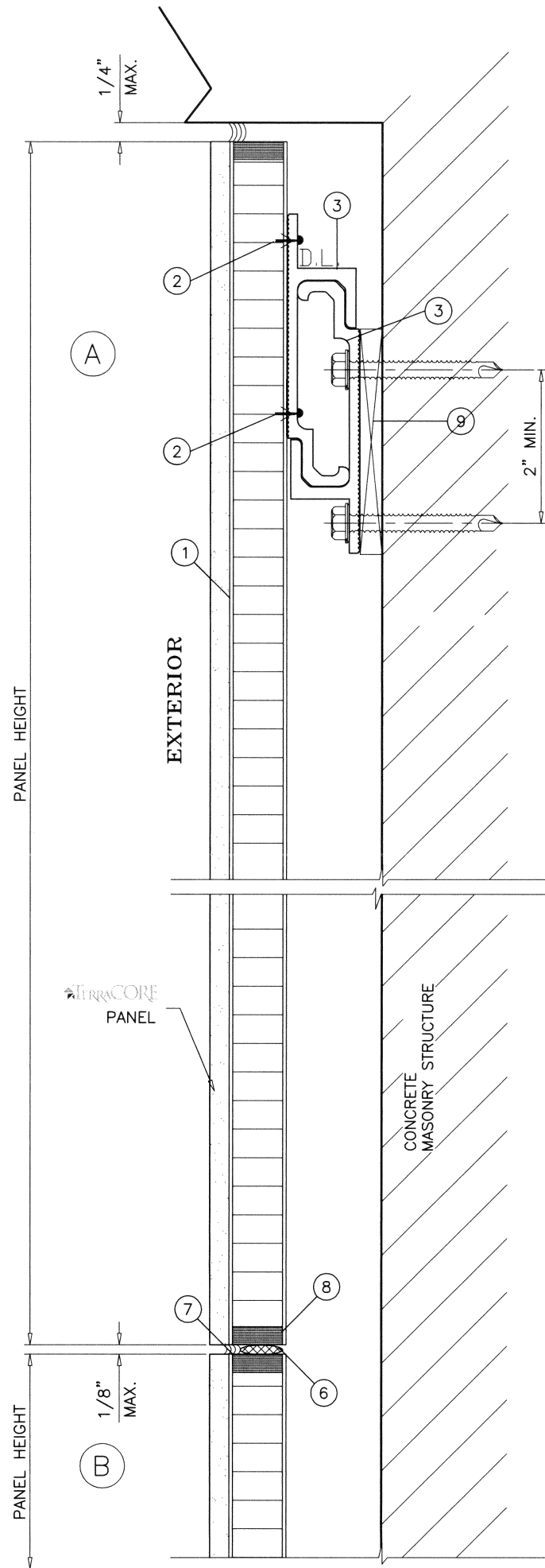
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

FL #22555



FAX: (214) 742-2804

RAINSCREEN\1605SWI



**TYPICAL ANCHORS:**

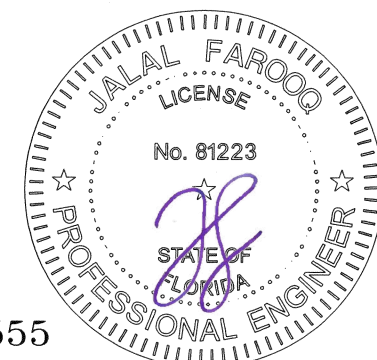
**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)  
DIRECTLY INTO CONCRETE OR MASONRY  
1-1/4" MIN. EMBED INTO CONCRETE  
1-1/4" MIN. EMBED INTO MASONRY  
1-1/4" MIN. EMBED INTO HOLLOW BLOCK

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
CONCRETE f'c = 3000 PSI MIN.  
C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

Sealed: 9/1/2023

FL #22555



**af c**

**AL-FAROOQ CORPORATION**  
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MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
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**TERRACORE PANELS, LLC**  
2030 Irving Blvd  
Dallas, TX 75207  
PHONE: (214) 749-0999 FAX: (214) 742-2804

revisions:

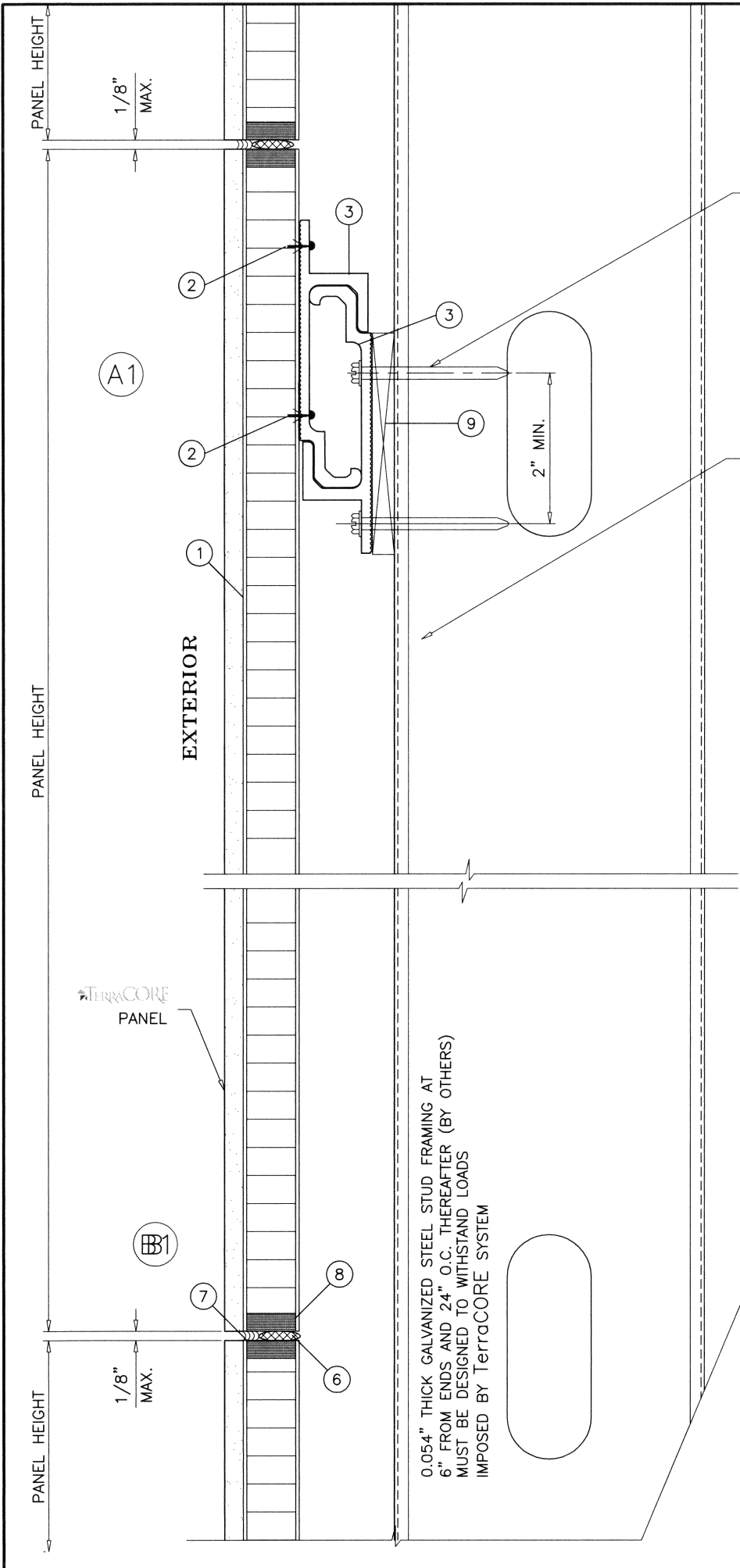
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scale: 1/2" = 1"  
dr. by: ML  
chk. by:

drawing no.  
**17-14**  
sheet 3 of 10

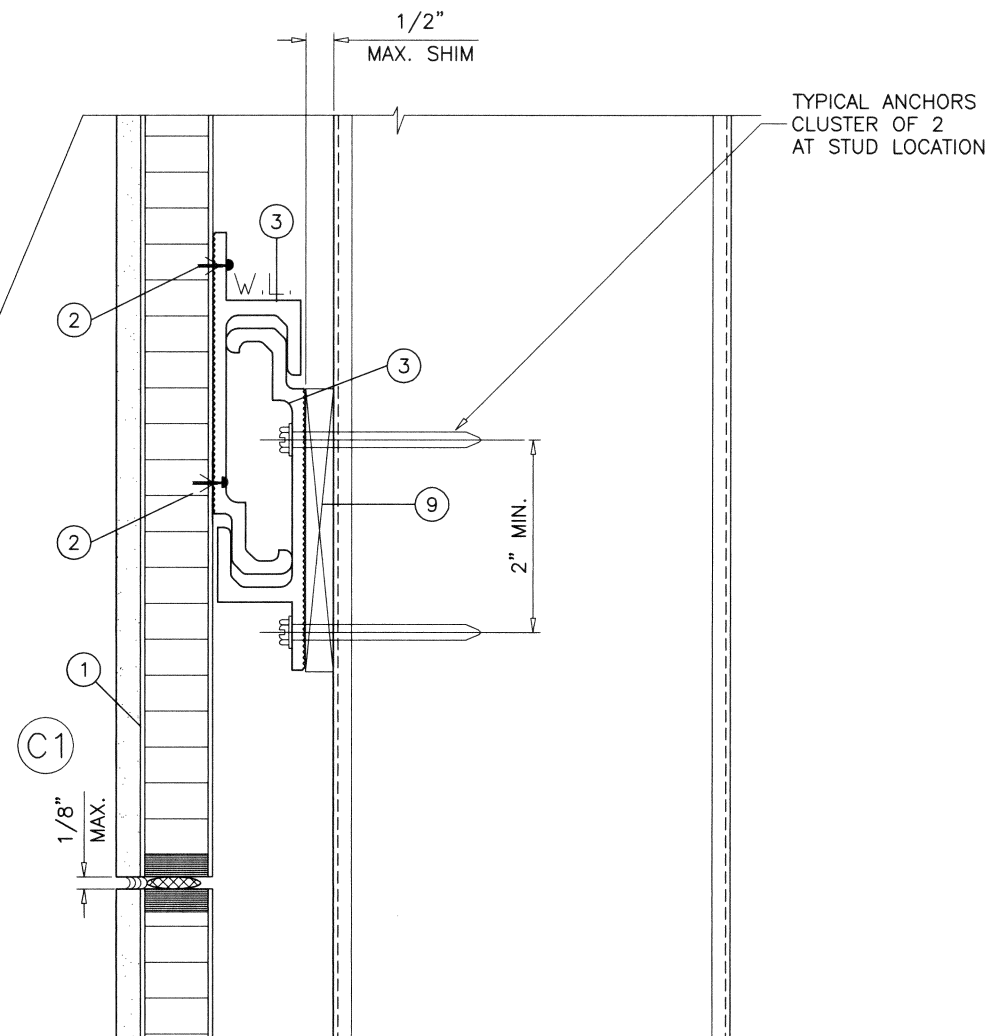
RAINSCREEN 17-14F-TPL





WATER RESISTIVE  
BARRIER  
PER FBC  
(BY OTHERS)

TYPICAL ANCHORS  
CLUSTER OF 3  
AT STUD LOCATION



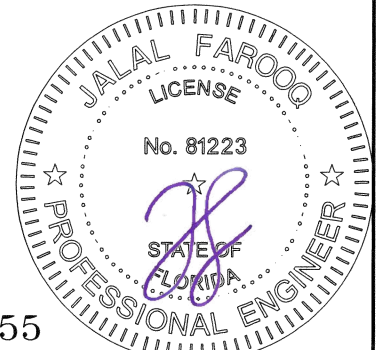
TYPICAL ANCHORS  
CLUSTER OF 2  
AT STUD LOCATION

INSTALLATIONS AT STEEL STUD FRAMING SYSTEM

**TYPICAL ANCHORS:**  
**1/4" X 2" SELF TAPPING SCREW** (GRADE 5 CRS)  
 INTO METAL STUDS (0.054". MIN.) (Fy = 50 KSI MIN.)  
 OR  
 INTO METAL STRUCTURES  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 33 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

Sealed: 9/1/2023

FL #22555



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**af c**

RAINSCREEN 17-14F-TPL

**TERRACORE** STONE VENEER HONEYCOMB PANEL (L.M.I.)

**TERRACORE PANELS, LLC**  
 2030 Irving Blvd  
 Dallas, TX 75207  
 PHONE: (214) 749-0999 FAX: (214) 742-2804

| revisions: |                     |
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| no         | date by description |
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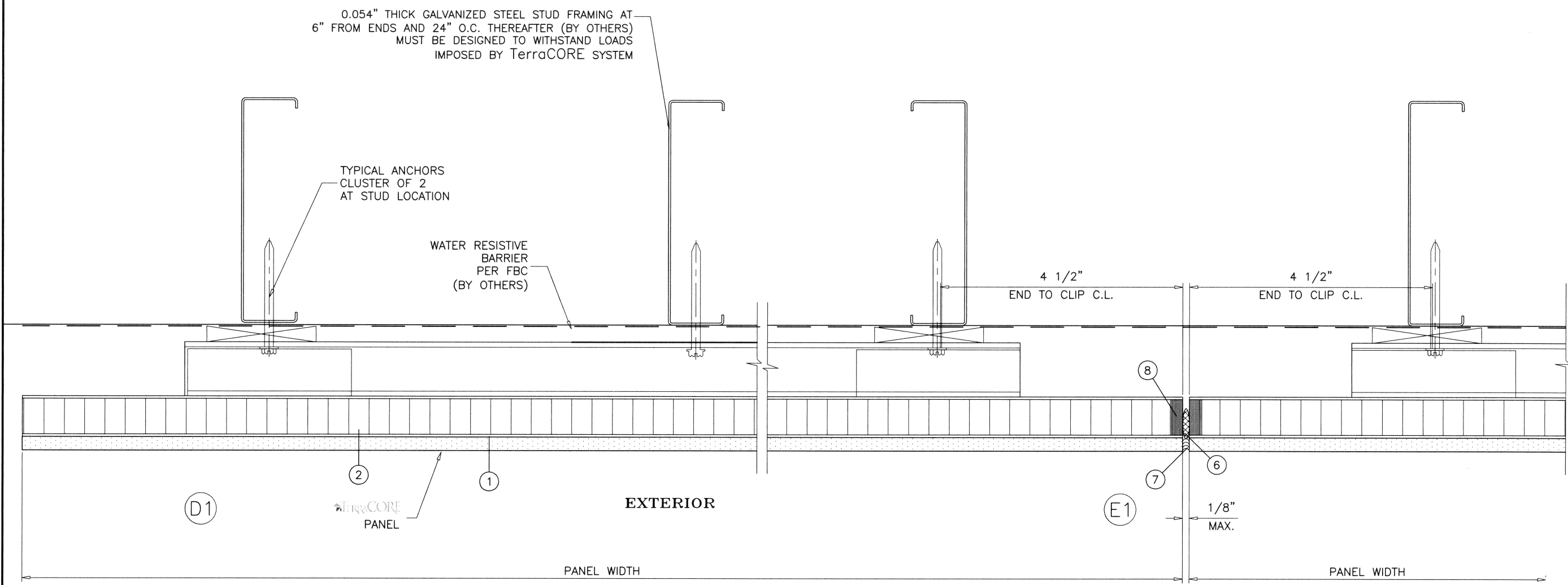
chk. by:

drawing no.

17-14

sheet

5 of 10



**af c**

**AL-FAROOQ CORPORATION**  
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TEL. (305) 264-8100 FAX. (305) 262-6978

(C.A.N. 3538)

RAINSCREEN 1605SWI

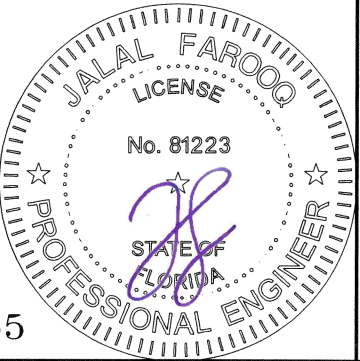
**TERRACORE PANELS, LLC**  
2030 Irving Blvd  
Dallas, TX 75207  
PHONE: (214) 749-0999 FAX: (214) 742-2804

**TERRACORE** STONE VENEER HONEYCOMB PANEL (L.M.I.)

| revisions: |  | no | date     | by | description           |
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|            |  | A  | 12.16.16 |    | REV. PER RER COMMENTS |
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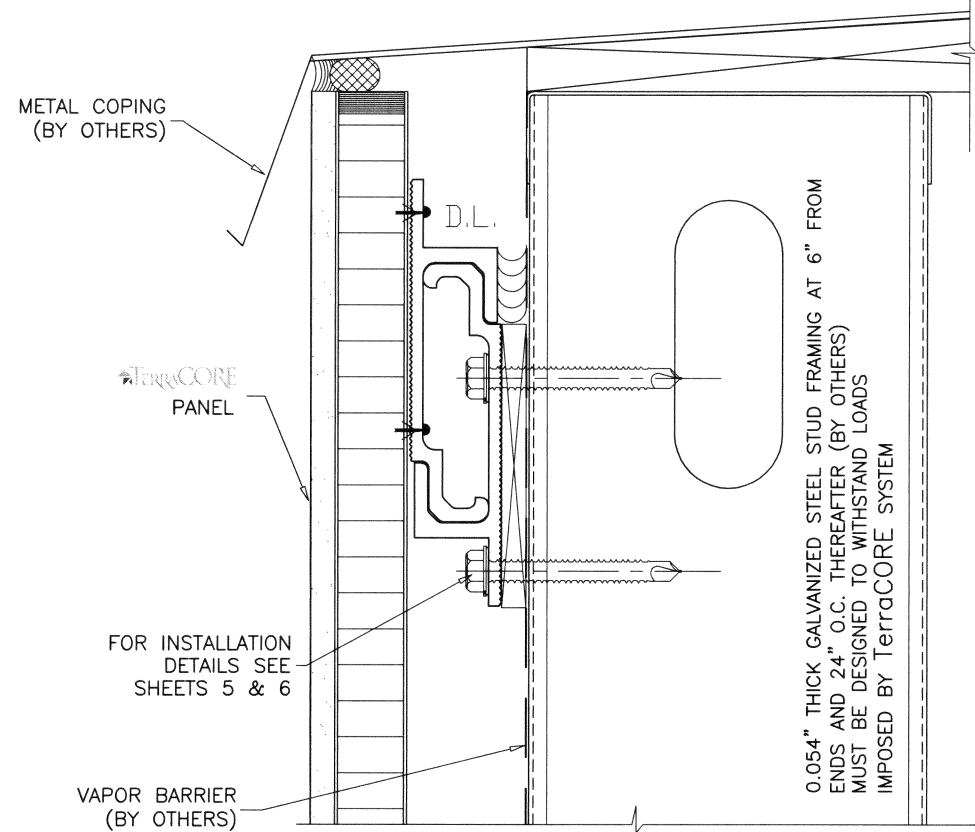
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| dr. by:  | ML        |
| chk. by: |           |

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| sheet       | 6 of 10 |

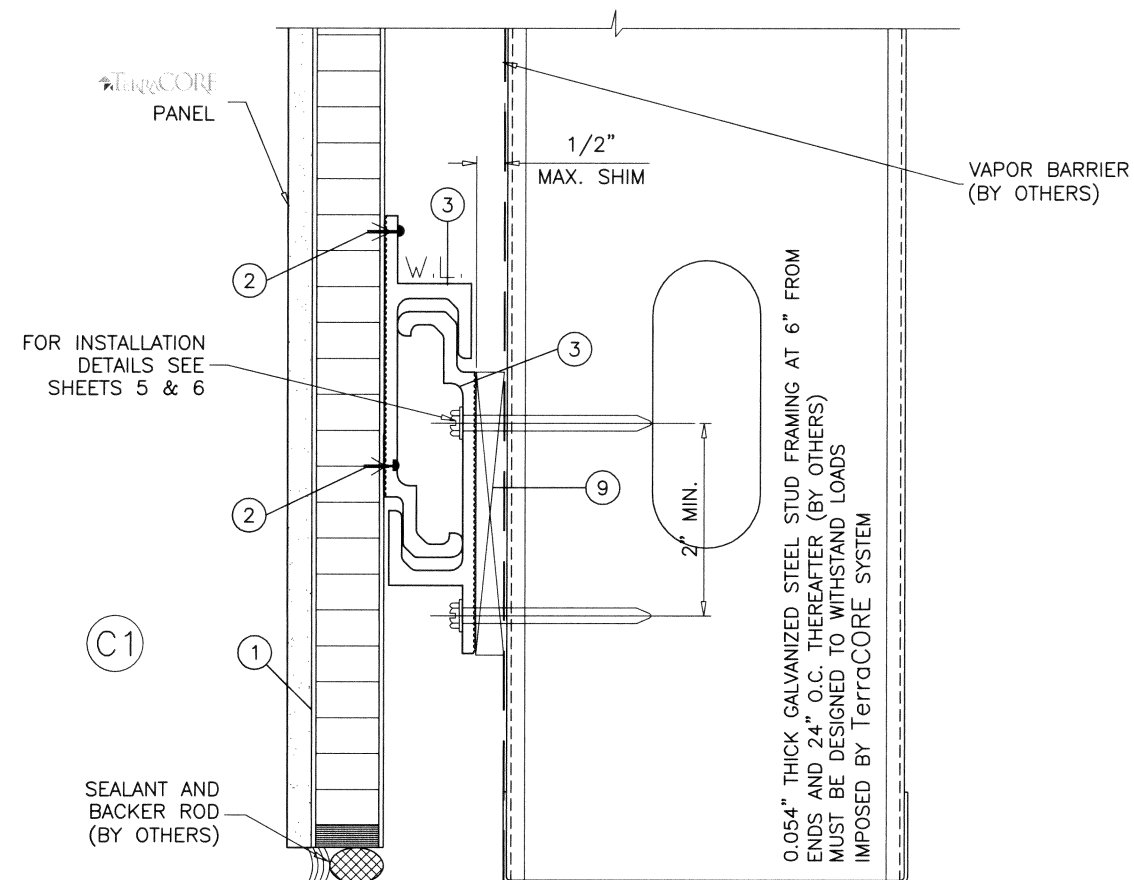


Sealed: 9/1/2023

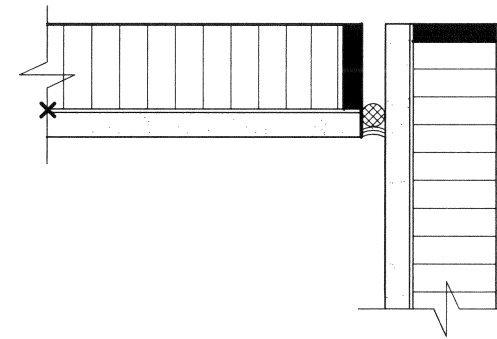
FL #22555



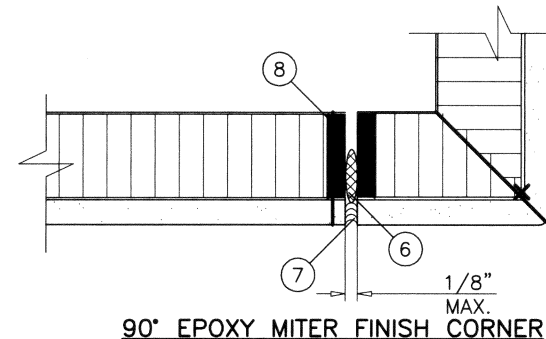
TYPICAL COPING DETAIL



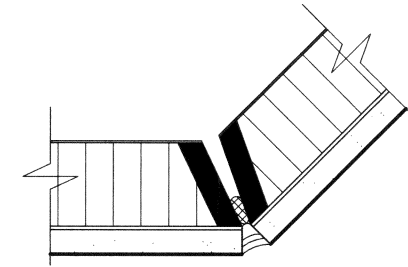
TYPICAL FLOOR DETAIL



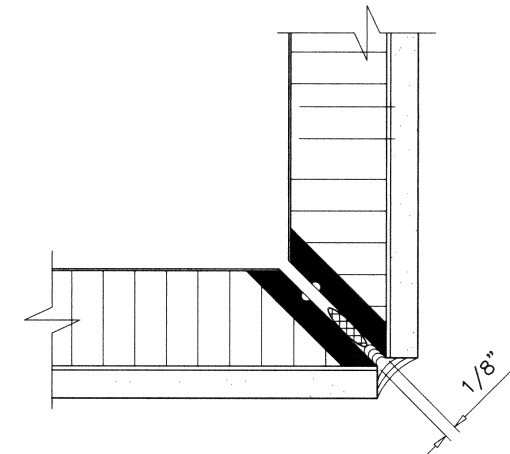
INSIDE CORNER



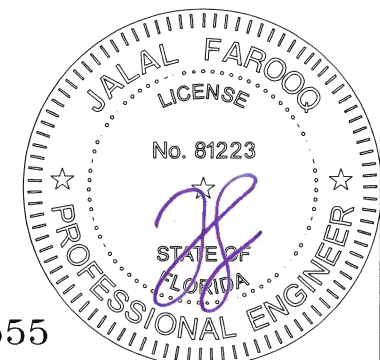
90° EPOXY MITER FINISH CORNER



ANGLED OUTSIDE CORNER



QUIRK MITER EDGE



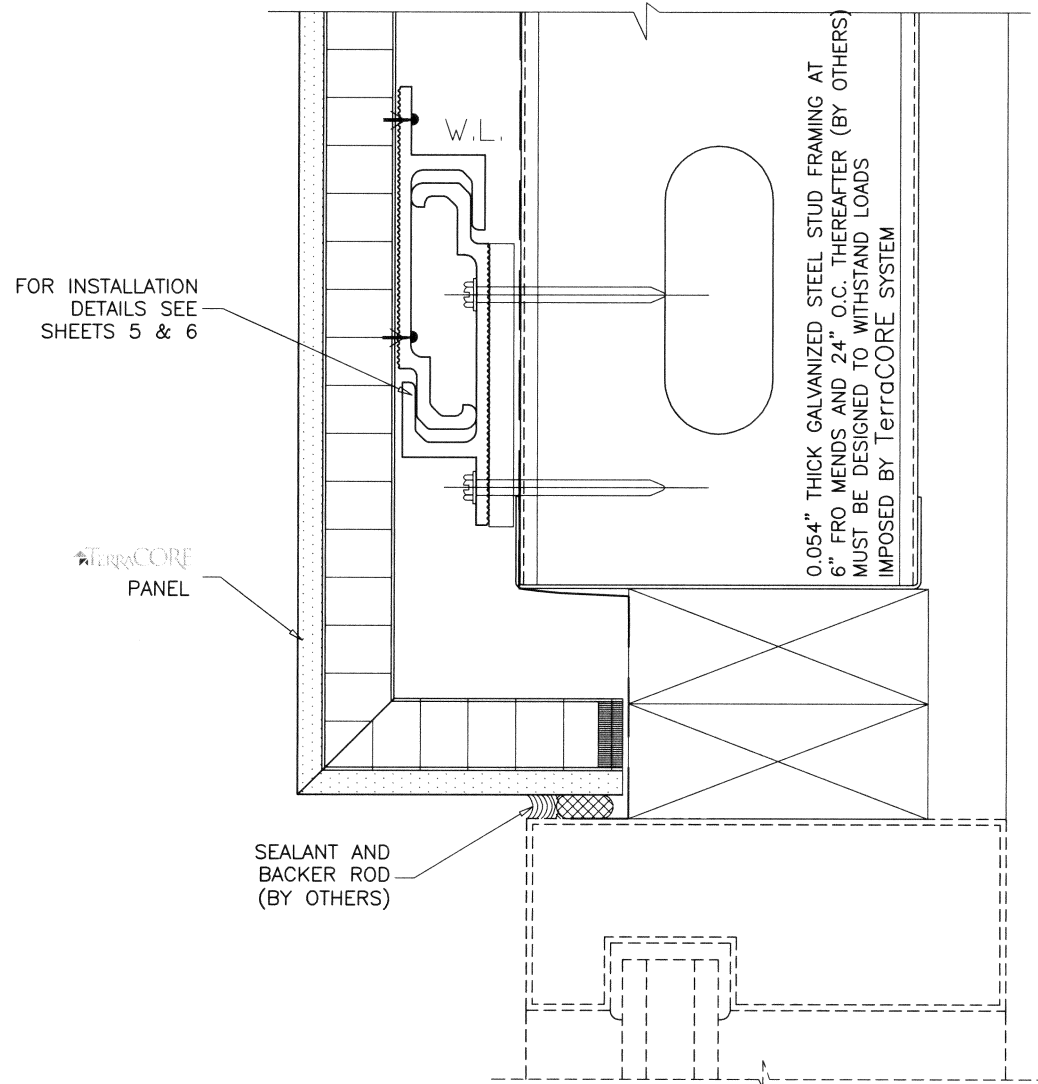
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FL #22555

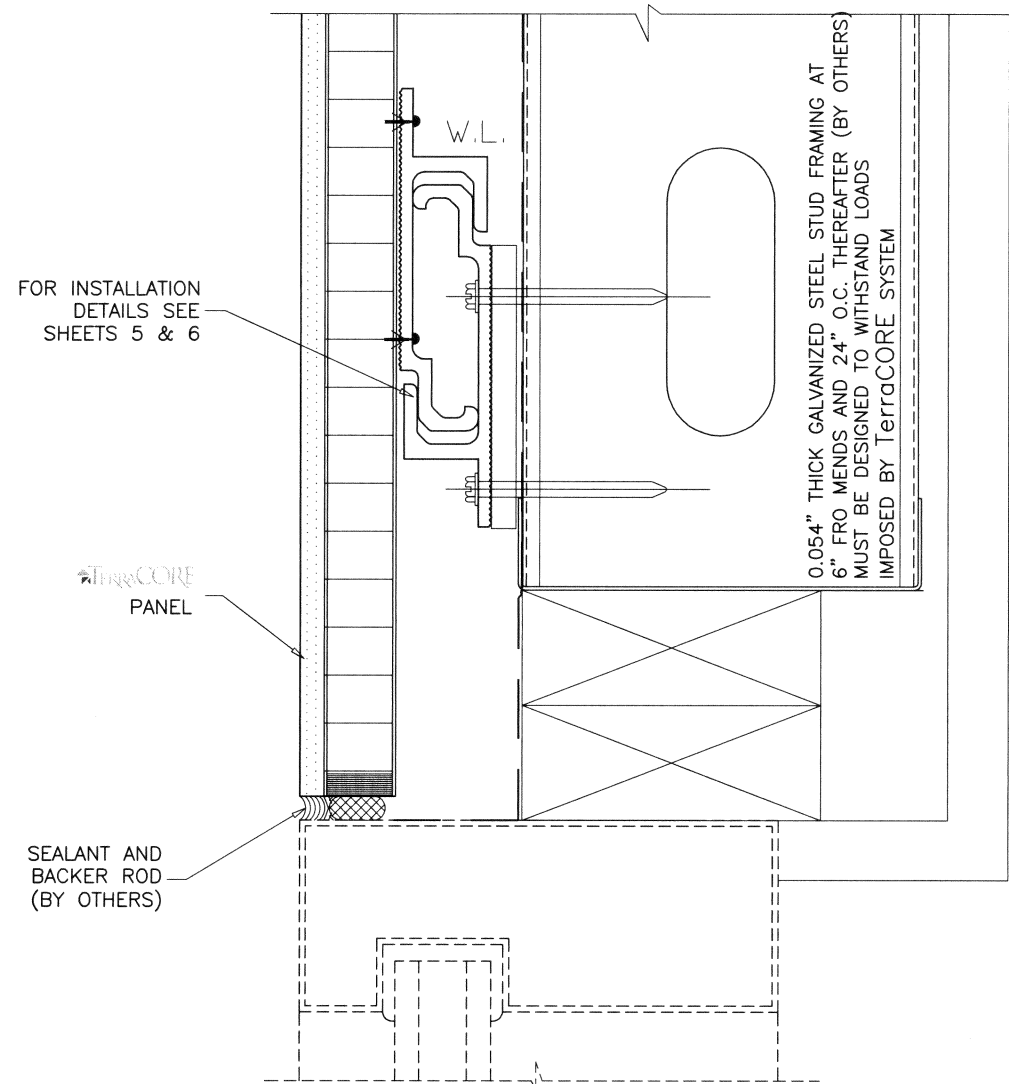
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 RAINSCREEN \ 1605SWI

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 Dallas, TX 75207  
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| revisions:  |          | no     | date      | by       | description           |
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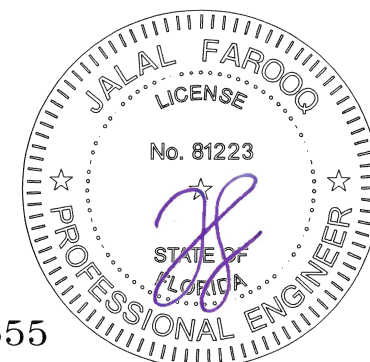
RECESSED WINDOW HEAD



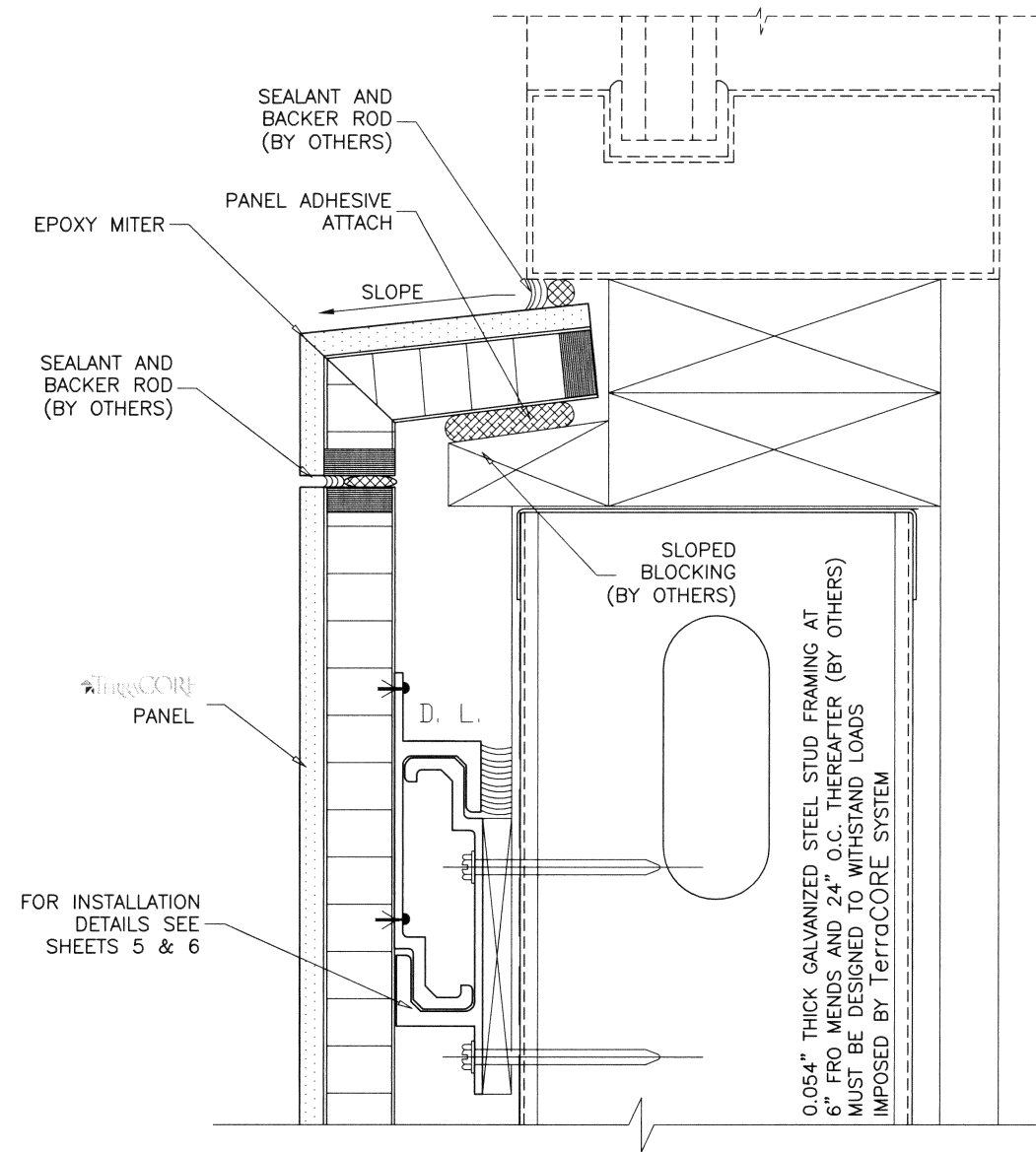
FLUSH WINDOW HEAD

Sealed: 9/1/2023

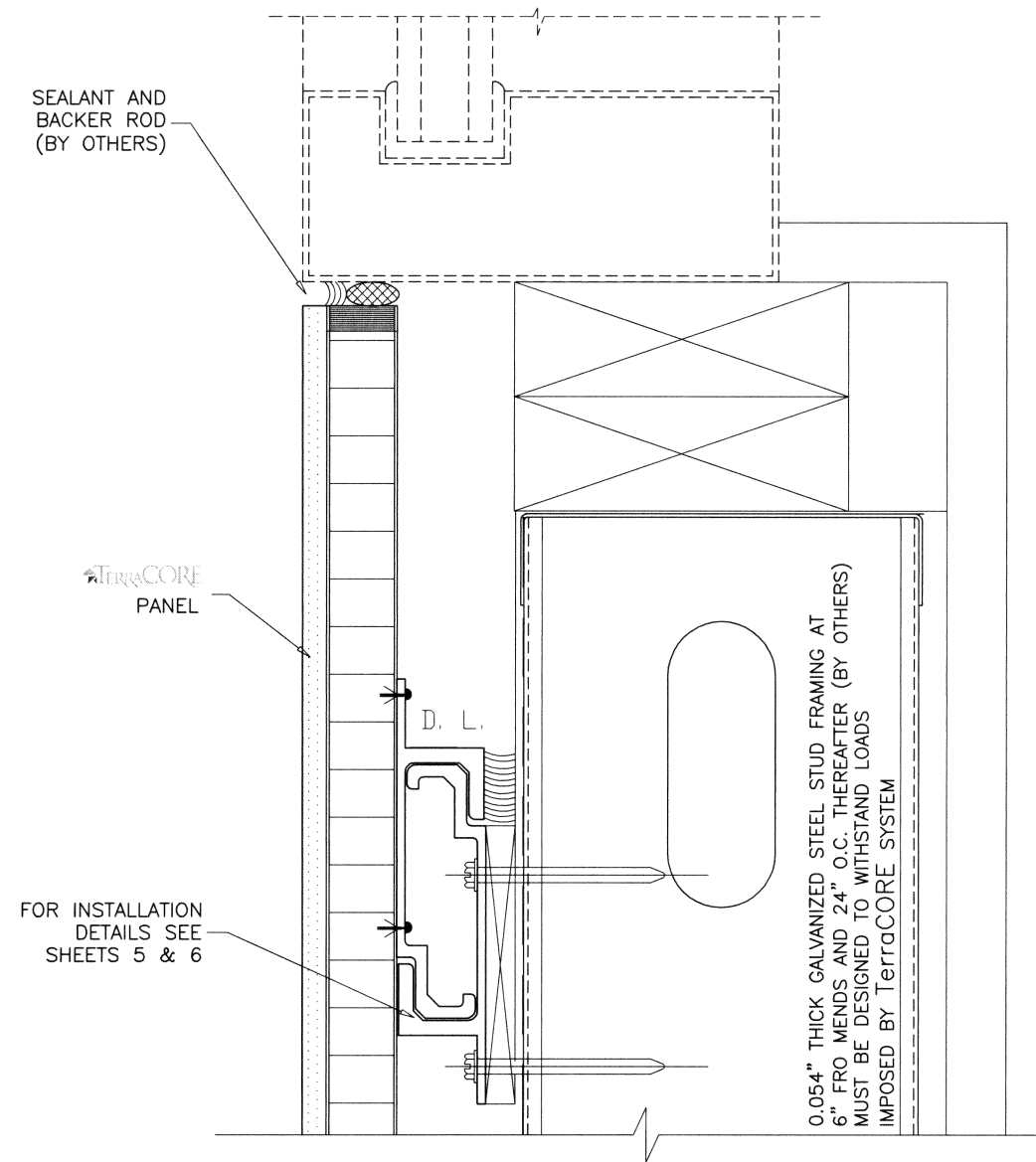
FL #22555



| <b>AL-FAROOQ CORPORATION</b><br>ENGINEERS & PRODUCT DEVELOPMENT<br>9360 SUNSET DRIVE, SUITE 220<br>MIAMI, FLORIDA 33173<br>TEL. (305) 264-8100 FAX. (305) 262-6978<br>RAINSCREEN \1605SWI |                                                                                                                                                                                                                                                                                                                                                                                                         |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------|----|-------------|---|----------|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>TERRACORE PANELS, LLC</b><br>2030 Irving Blvd<br>Dallas, TX 75207<br>PHONE: (214) 749-0999 FAX: (214) 742-2804                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                         |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
| TERRACORE STONE VENEER HONEYCOMB PANEL (L.M.I.)                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                         |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
| date: 06-14-17<br>scale: 1/2" = 1"<br>dr. by: ML<br>chk. by:                                                                                                                              | revisions:<br><table border="1"> <thead> <tr> <th>no</th> <th>date</th> <th>by</th> <th>description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12.16.16</td> <td></td> <td>REV. PER RER COMMENTS</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | no | date                  | by | description | A | 12.16.16 |  | REV. PER RER COMMENTS |  |  |  |  |  |  |  |  |  |  |  |  |
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| A                                                                                                                                                                                         | 12.16.16                                                                                                                                                                                                                                                                                                                                                                                                |    | REV. PER RER COMMENTS |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
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| drawing no.<br><b>17-14</b><br>sheet 8 of 10                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                         |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |



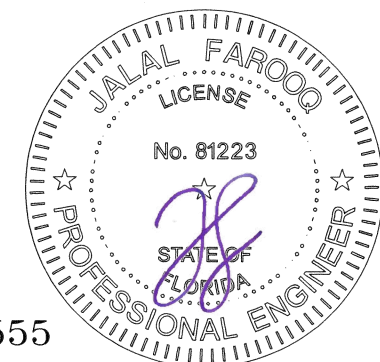
RECESSED WINDOW SILL



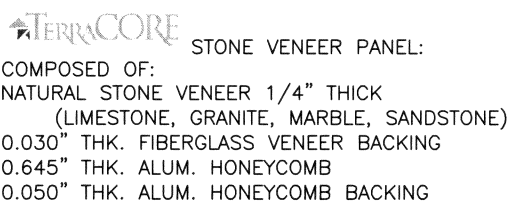
FLUSH WINDOW SILL

Sealed: 9/1/2023

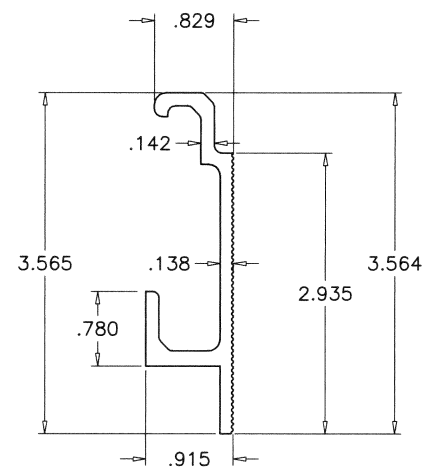
FL #22555



| <b>AL-FAROOQ CORPORATION</b><br>ENGINEERS & PRODUCT DEVELOPMENT<br>9360 SUNSET DRIVE, SUITE 220<br>MIAMI, FLORIDA 33173<br>TEL. (305) 264-8100 FAX. (305) 262-6978<br>RAINSCREEN 1605SWI |                                                                                                                                                                                                                                                                                                                                                                                             |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
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| <b>TERRACORE PANELS, LLC</b><br>2030 Irving Blvd<br>Dallas, TX 75207<br>PHONE: (214) 749-0999 FAX: (214) 742-2804                                                                        |                                                                                                                                                                                                                                                                                                                                                                                             |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
| STONE VENEER HONEYCOMB PANEL (L.M.I.)                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                             |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
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| A                                                                                                                                                                                        | 12.16.16                                                                                                                                                                                                                                                                                                                                                                                    |    | REV. PER RER COMMENTS |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                             |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |
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| drawing no.<br><b>17-14</b><br>sheet 9 of 10                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                             |    |                       |    |             |   |          |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |



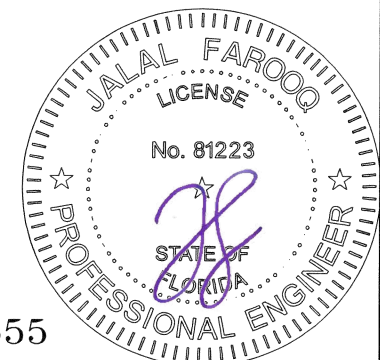
COMPOSITE PANEL  
SCALE 1:1



3 INTERIOR/EXTERIOR TRACK

| ITEM NO. | PART NO.       | QUANTITY    | DESCRIPTION                                 | MATERIAL       | MANF./SUPPLIER/REMARKS |
|----------|----------------|-------------|---------------------------------------------|----------------|------------------------|
| 1        | —              | AS REQD.    | STONE VENEER HONEYCOMB PANEL                | STONE/ALUM     | ALLCOMB                |
| 2        | 0.185" Ø RIVET | 4/TC-1 CLIP | EXTERIOR CLIP FASTENERS                     | —              | —                      |
| 3        | TC-1           | AS REQD.    | EXTERIOR TRACK (LENGTH = 3")                | 6063-T6        | —                      |
|          |                |             | INTERIOR TRACK (LENGTH = PANEL LENGTH - 6") | 6063-T6        | —                      |
| 5        | 1/4-20 X 2"    | AS REQD.    | INTERIOR TRACK FASTENERS                    | ST. STEEL      | TS MACHINE SCREWS      |
| 6        | —              | AS REQD.    | 3/16" DIA. BACKER ROD                       | OPEN CELL FOAM | —                      |
| 7        | —              | AS REQD.    | PERIMETER SEALANT                           | SILICONE       | DOW CORNING            |
| 8        | FULLER         | AS REQD.    | FIRESOUND SEALANT                           | —              | FULLER                 |
| 9        | 1/2" MAX       | AS REQD.    | HIGH IMPACT PLASTIC SHIM                    | SILICONE       | DOW CORNING            |

Sealed: 9/1/2023



**AL-FAROOQ CORPORATION**  
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|                  |  |  |  |            |  |                                      |  |
|------------------|--|--|--|------------|--|--------------------------------------|--|
| date: 06-14-17   |  |  |  |            |  | revisions:                           |  |
| drawing no.      |  |  |  | no date by |  |                                      |  |
| 17-14            |  |  |  | A 12.16.16 |  | description<br>REV. PER RER COMMENTS |  |
| scale: 1/2" = 1" |  |  |  |            |  |                                      |  |
| dr. by: ML       |  |  |  |            |  |                                      |  |
| chk. by:         |  |  |  |            |  |                                      |  |
| sheet 10 of 10   |  |  |  |            |  |                                      |  |