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Product Approval
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FL #	FL22555-R2												
Application Type	Revision												
Code Version	2023												
Application Status	Approved												
Comments													
Archived	☐												
Product Manufacturer	TerraCORE Panels												
Address/Phone/Email	2030 Irving Blvd Dallas, TX 75207 (214) 749-0999 trevor@terracorepanels.com												
Authorized Signature	Jalal Farooq veronica@afceng.com												
Technical Representative													
Address/Phone/Email													
Quality Assurance Representative													
Address/Phone/Email													
Category	Panel Walls												
Subcategory	Siding												
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received												
Florida Engineer or Architect Name who developed the Evaluation Report	Jalal Farooq												
Florida License	PE-81223												
Quality Assurance Entity	Intertek Testing Services NA, Inc. - QA Entity												
Quality Assurance Contract Expiration Date	12/31/2026												
Validated By	Abel Carrasco, PE ☒ Validation Checklist - Hardcopy Received												
Certificate of Independence	FL22555_R2_COI_SS - Certificate of Independence 2023.pdf												
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>ASTM E1886</td><td>2013</td></tr> <tr> <td>ASTM E1996</td><td>2014</td></tr> <tr> <td>TAS 201</td><td>1994</td></tr> <tr> <td>TAS 202</td><td>1994</td></tr> <tr> <td>TAS 203</td><td>1994</td></tr> </tbody> </table>	Standard	Year	ASTM E1886	2013	ASTM E1996	2014	TAS 201	1994	TAS 202	1994	TAS 203	1994
Standard	Year												
ASTM E1886	2013												
ASTM E1996	2014												
TAS 201	1994												
TAS 202	1994												
TAS 203	1994												
Equivalence of Product Standards Certified By													
Sections from the Code													

Product Approval Method

Method 1 Option D

Date Submitted

09/08/2023

Date Validated

09/18/2023

Date Pending FBC Approval

09/20/2023

Date Approved

12/13/2023

Summary of Products

FL #	Model, Number or Name	Description
22555.1	Stone Veneer Honeycomb Panels by ALLCOMB	Large missile impact resistant stone veneer honeycomb panel system.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +100/-100 Other: See attached drawings 17-14 for installation instructions.		Installation Instructions FL22555_R2_II_SS- TerraCore Stone Veneer HC Panels (LMI) - DWG 17-14 (2023).pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL22555_R2_AE_SS- TerraCore Stone Veneer HC Panels (LMI)-PAE 2023.pdf Created by Independent Third Party: Yes

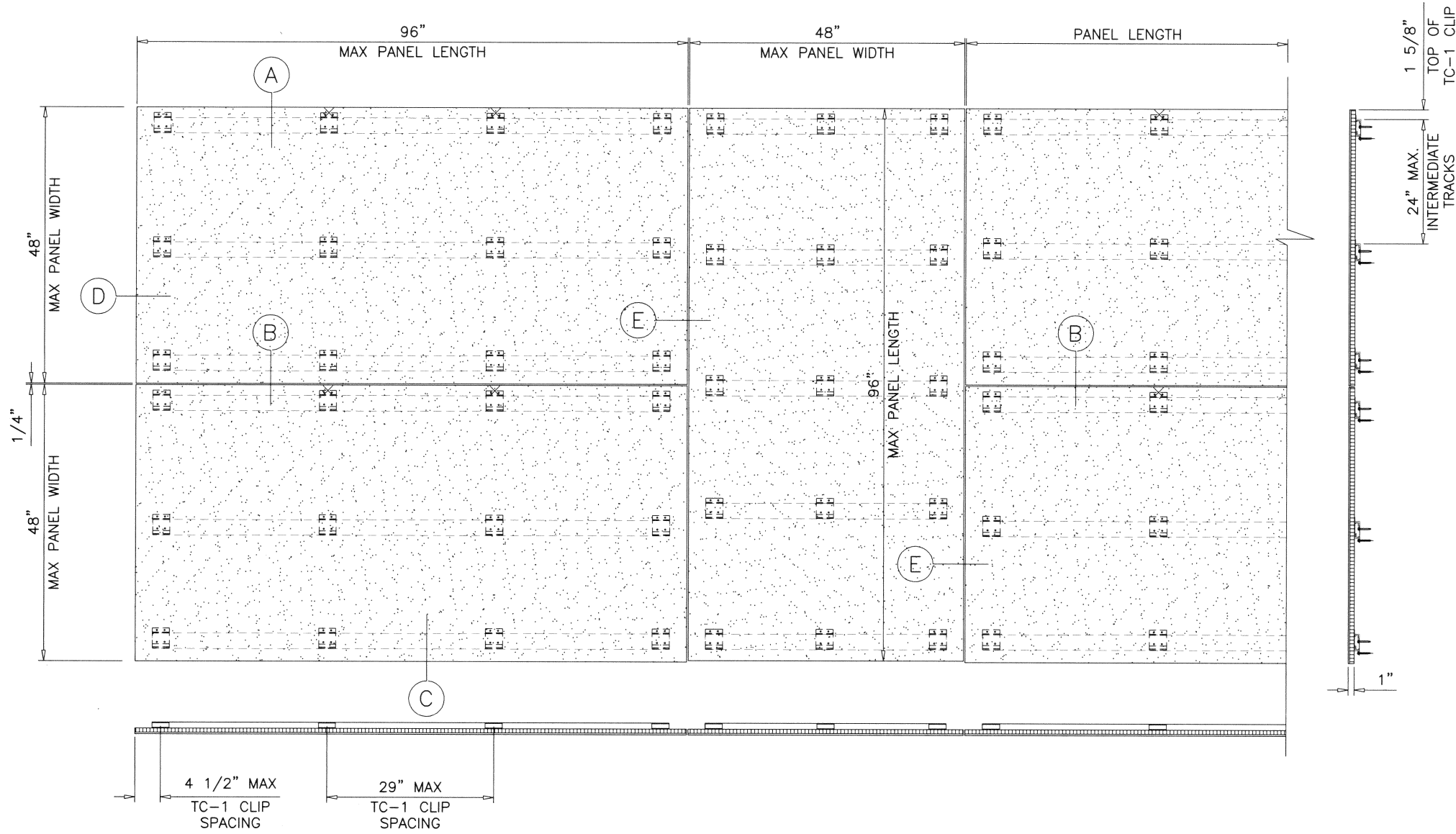
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[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:



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.

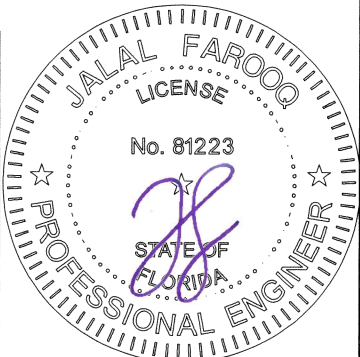
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

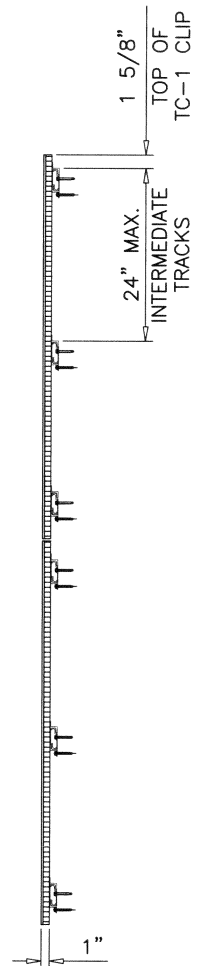


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MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
C.A.N. 3538

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

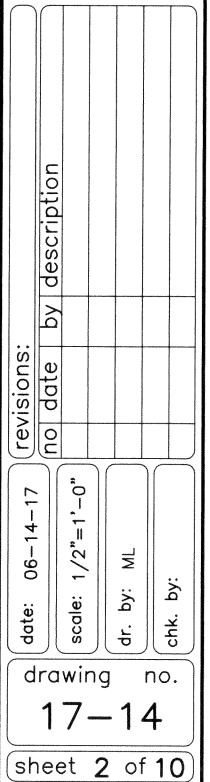
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	B		08.31.23	UPDATED TO 2023 FBC	
dr. by: ML					
chk. by:					
drawing no.		17-14			
sheet 1 of 10					

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

RAINSCREEN\1605SWI

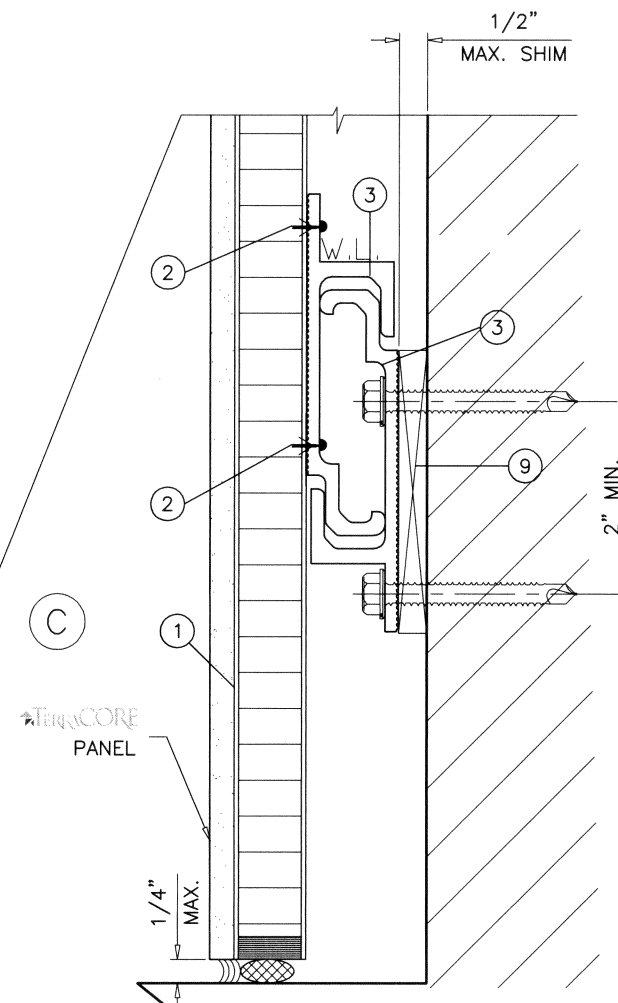
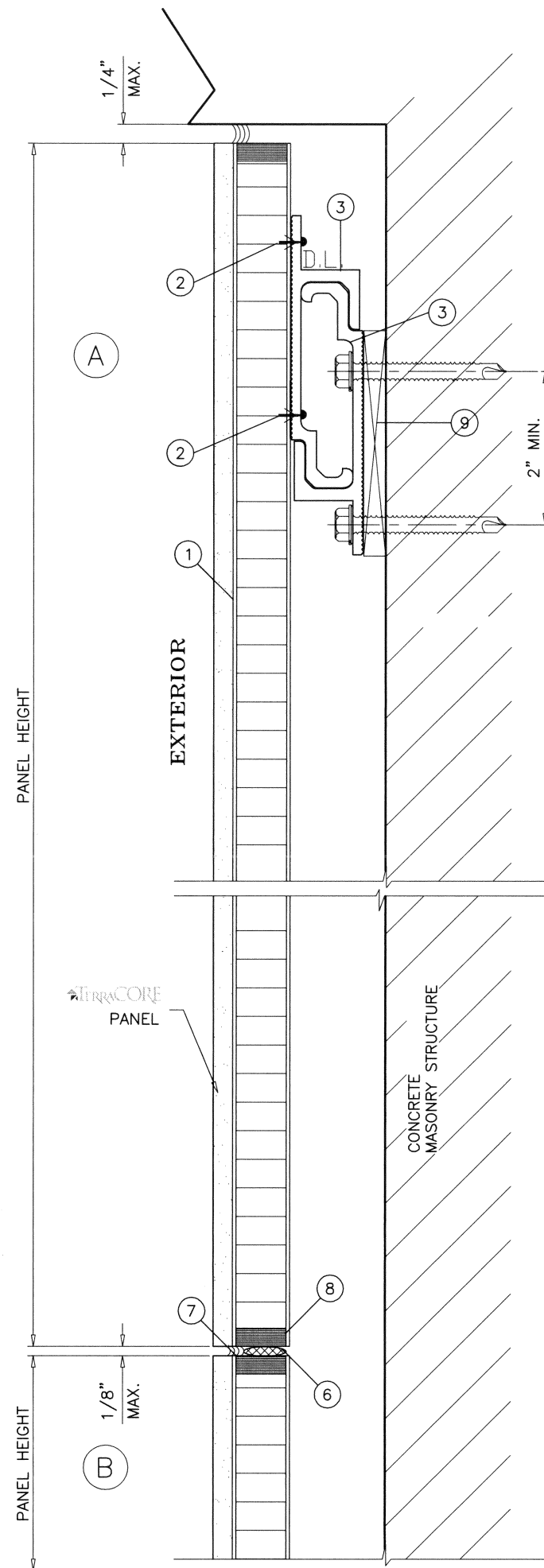
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1-1/4" MIN. EMBED INTO HOLLOW BLOCK

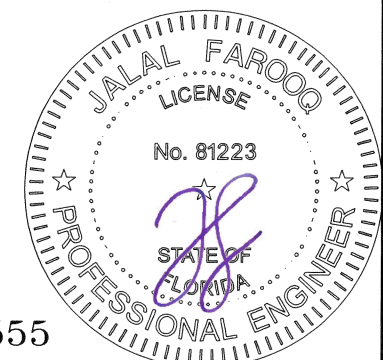
INTO CONCRETE AND MASONRY = 2-1/2" MIN.

C-90 HOLLOW/FILLED BLOCK $f'_m = 2000$ PSI MIN.



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chk. by:

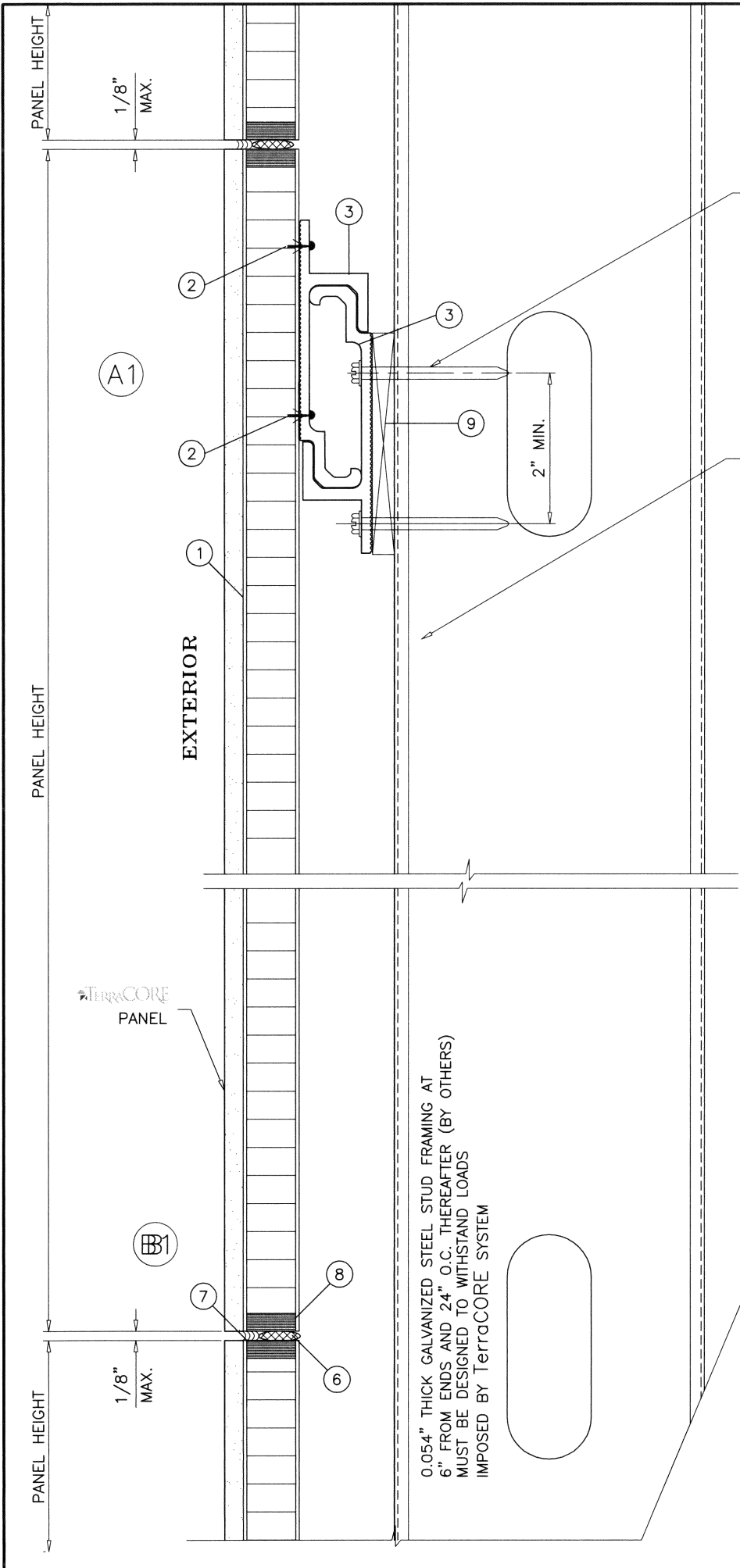
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17-14

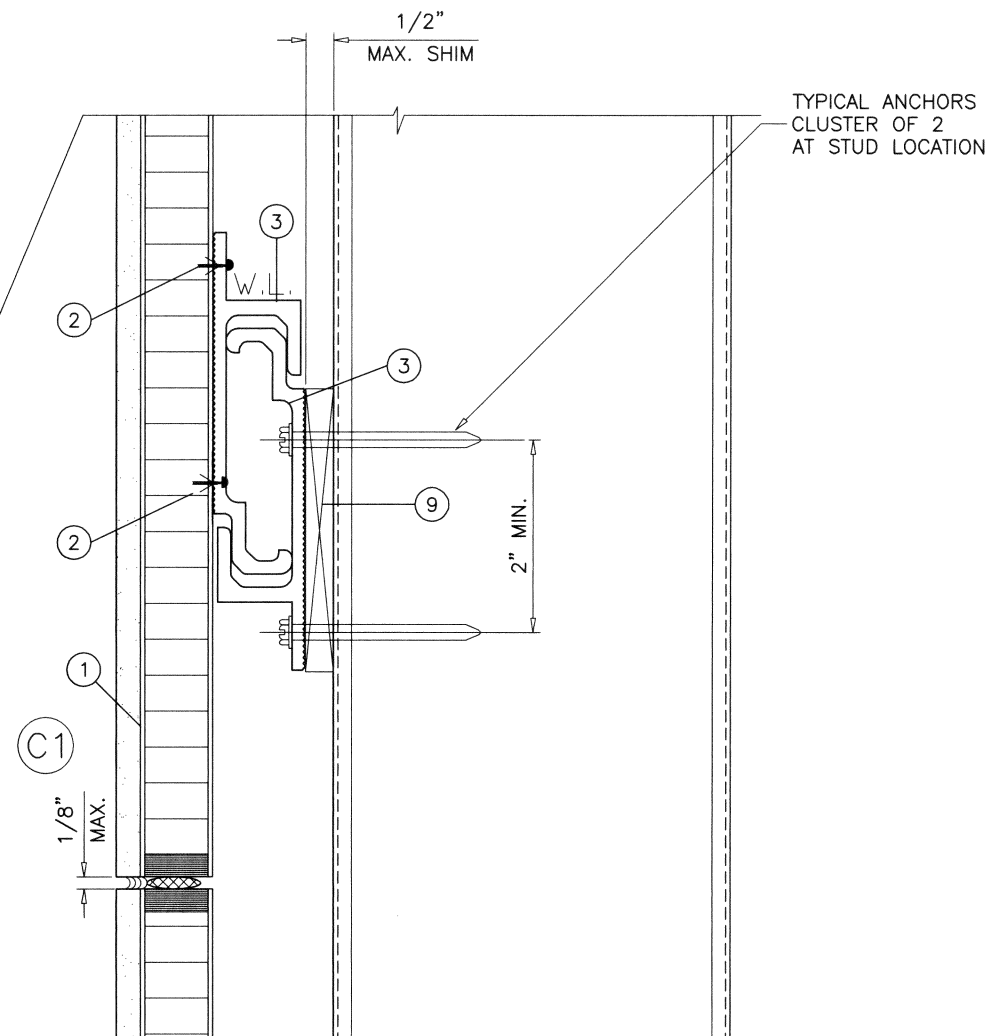
sheet3 of 10



WATER RESISTIVE BARRIER PER FBC (BY OTHERS)

TYPICAL ANCHORS CLUSTER OF 3 AT STUD LOCATION

0.054" THICK GALVANIZED STEEL STUD FRAMING AT 6" FROM ENDS AND 24" O.C. THEREAFTER (BY OTHERS) MUST BE DESIGNED TO WITHSTAND LOADS IMPOSED BY TerraCORE SYSTEM



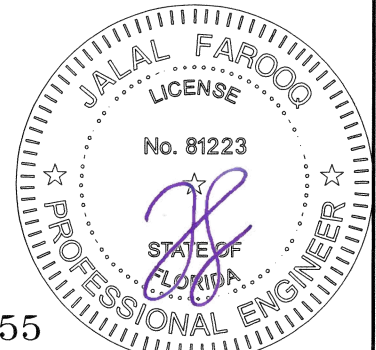
TYPICAL ANCHORS CLUSTER OF 2 AT STUD LOCATION

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)

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af c
 RAINSCREEN 17-14F-TPL

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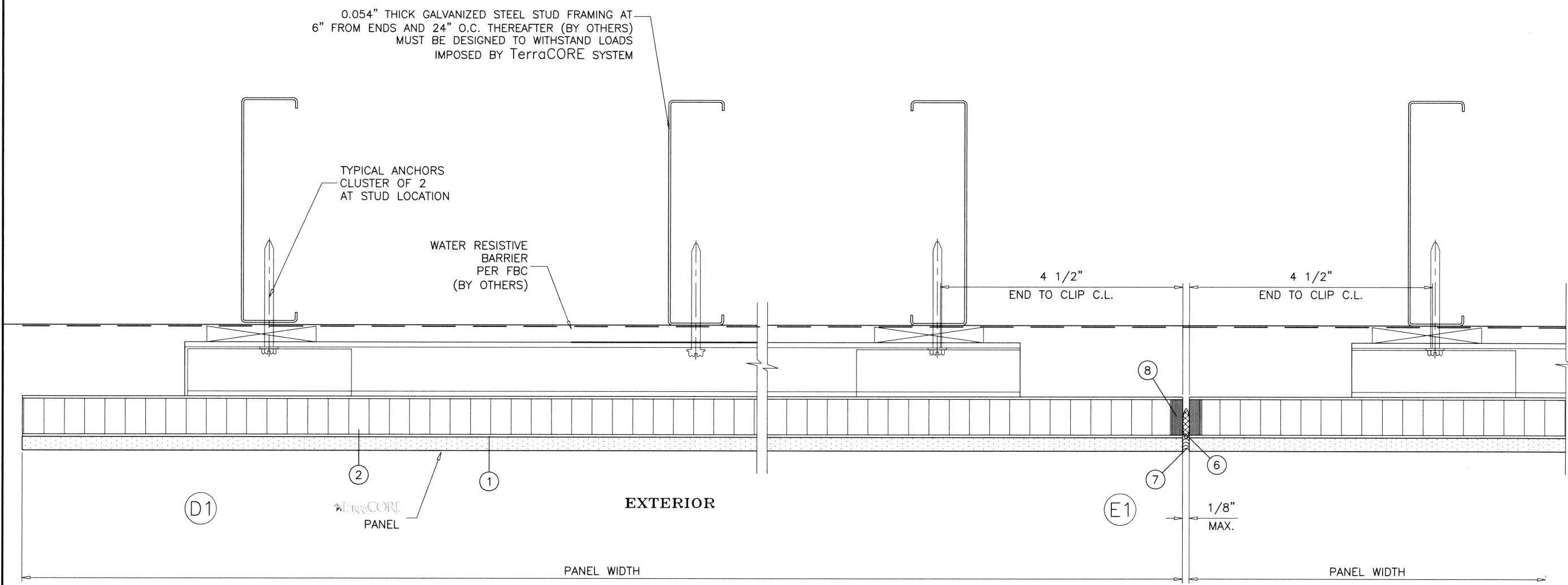
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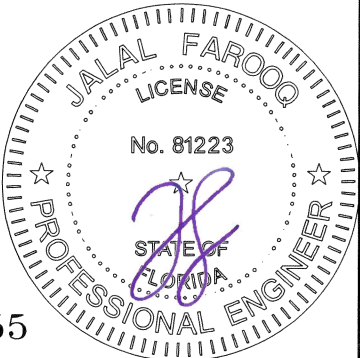
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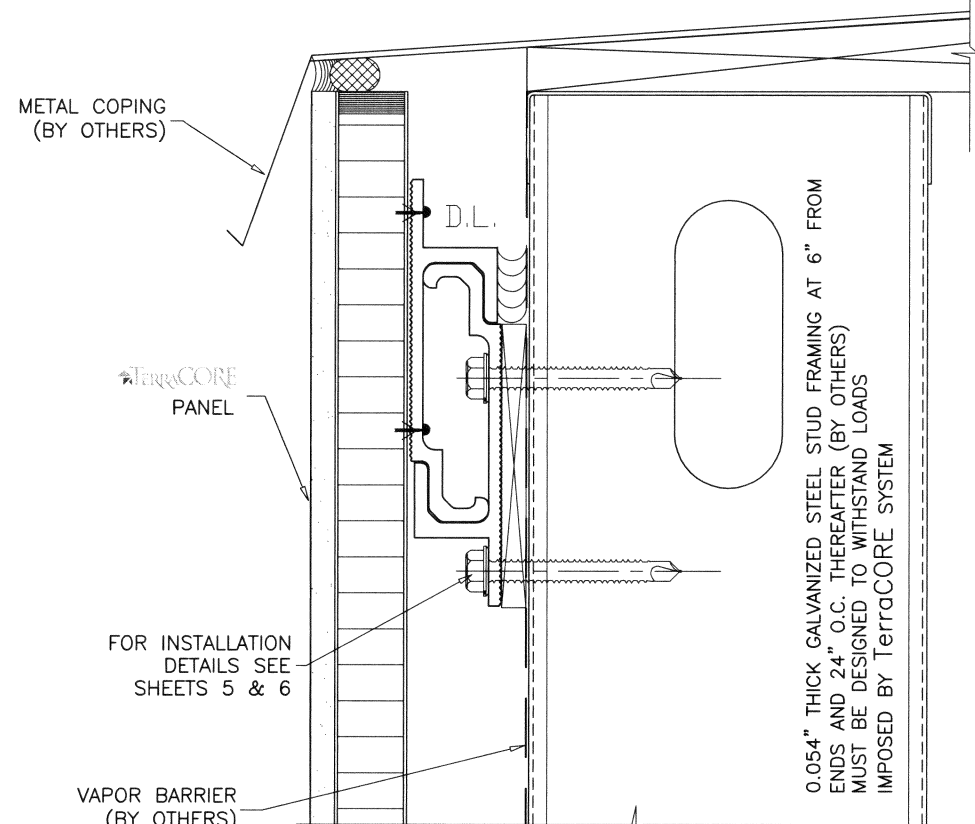
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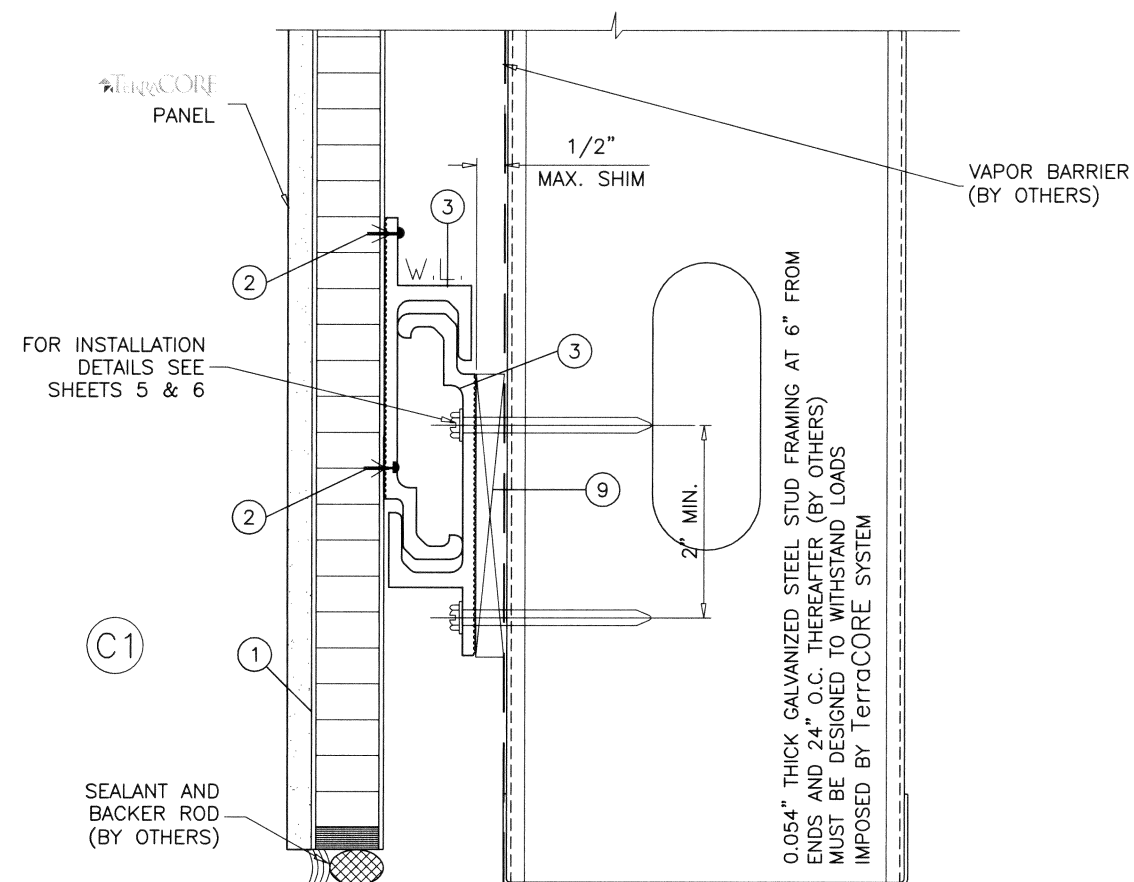
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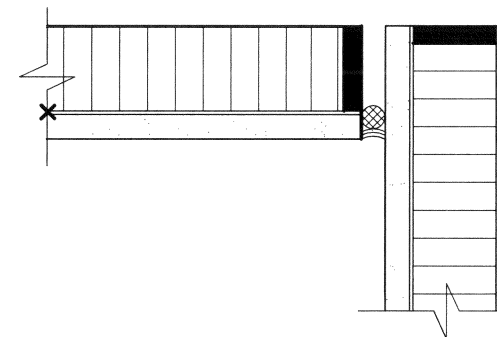
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sheet		6 of 10			



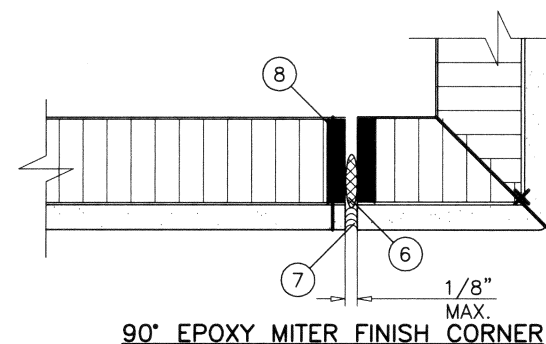
TYPICAL COPING DETAIL



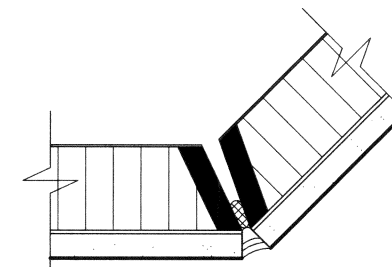
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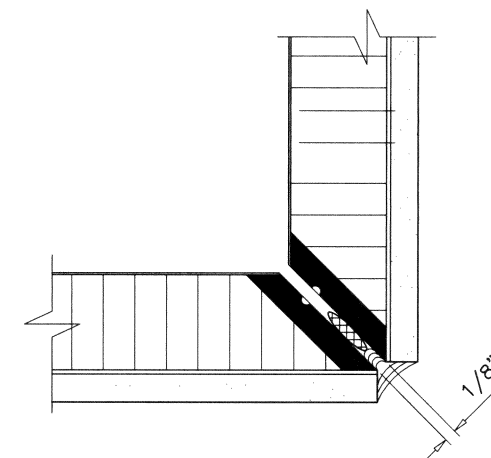
INSIDE CORNER



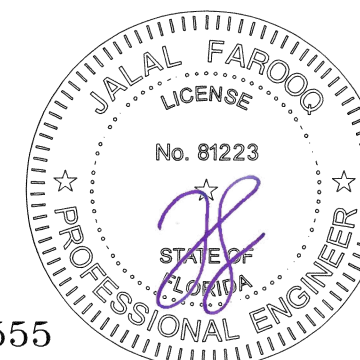
90° EPOXY MITER FINISH CORNER



ANGLED OUTSIDE CORNER



QUIRK MITER EDGE



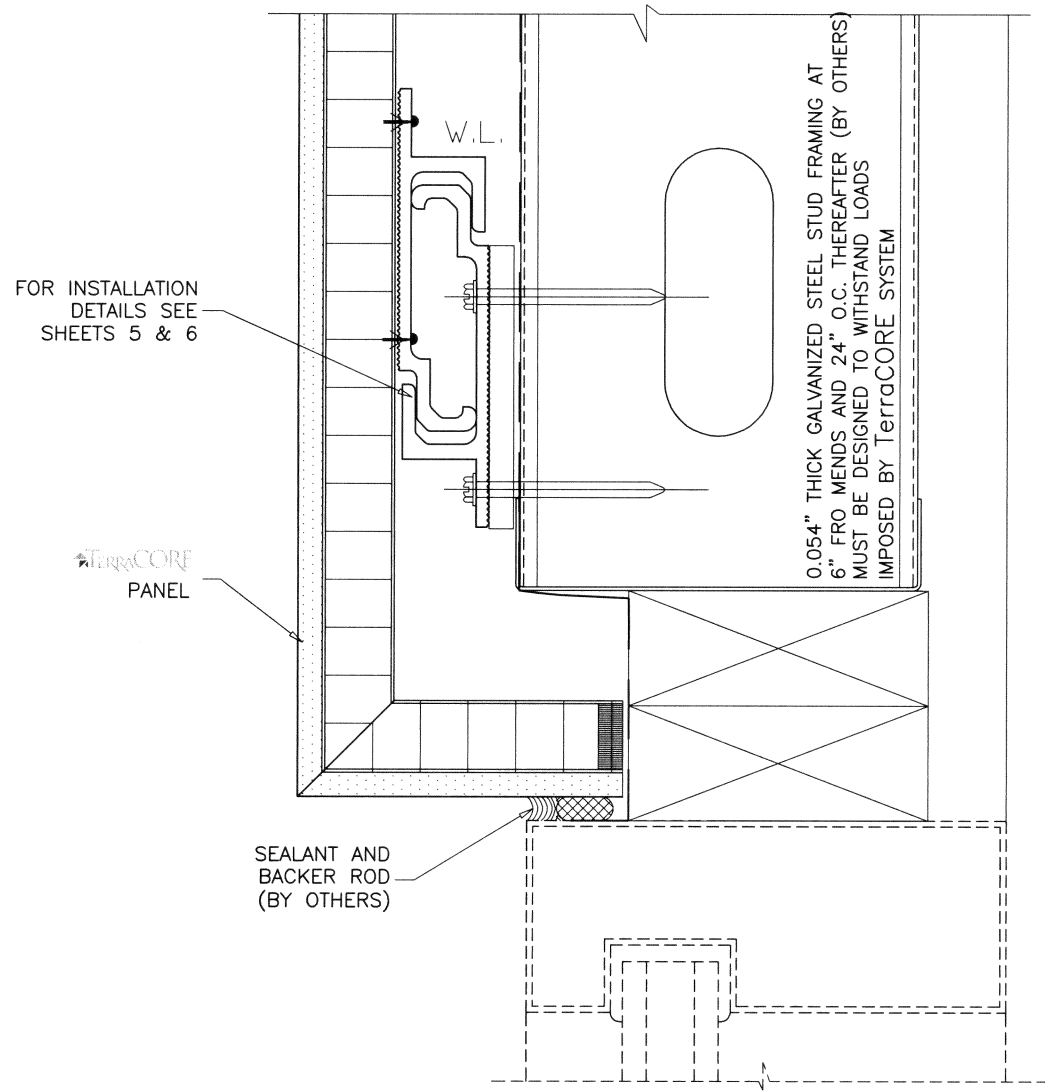
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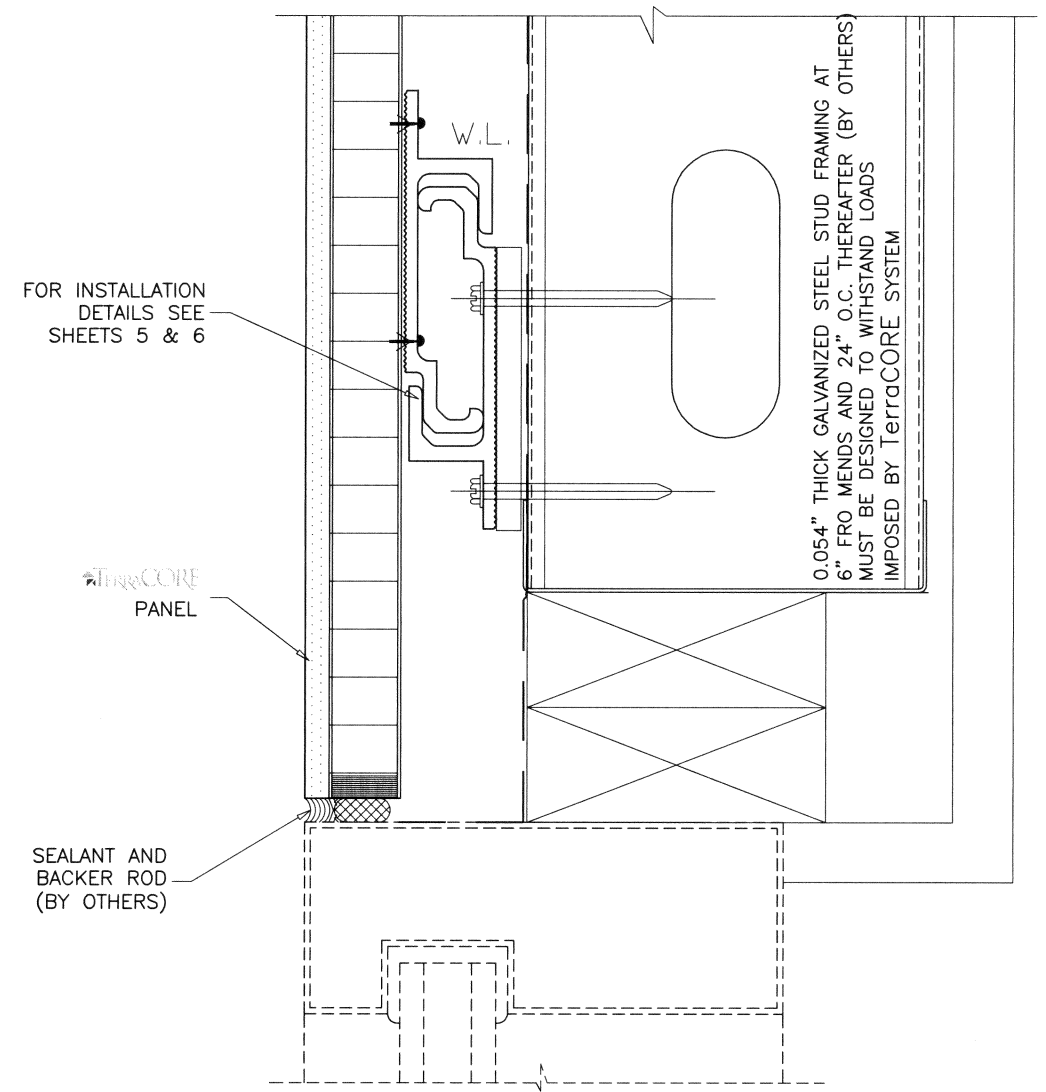
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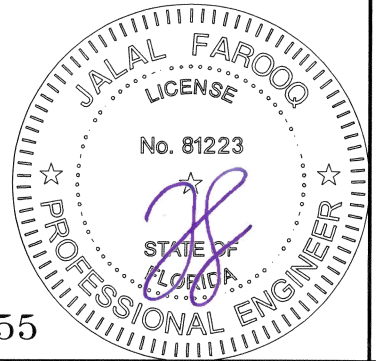
RECESSED WINDOW HEAD



FLUSH WINDOW HEAD

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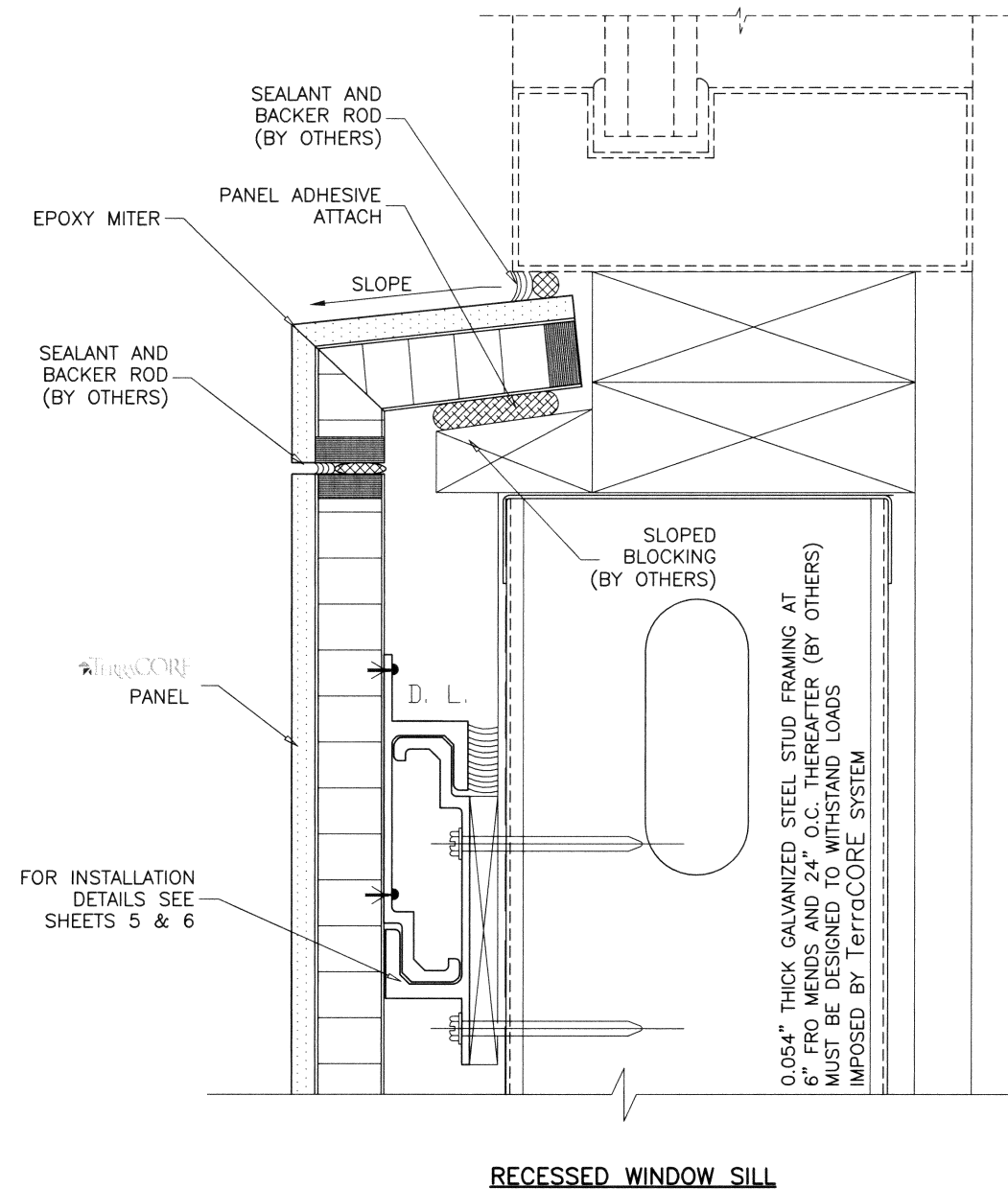
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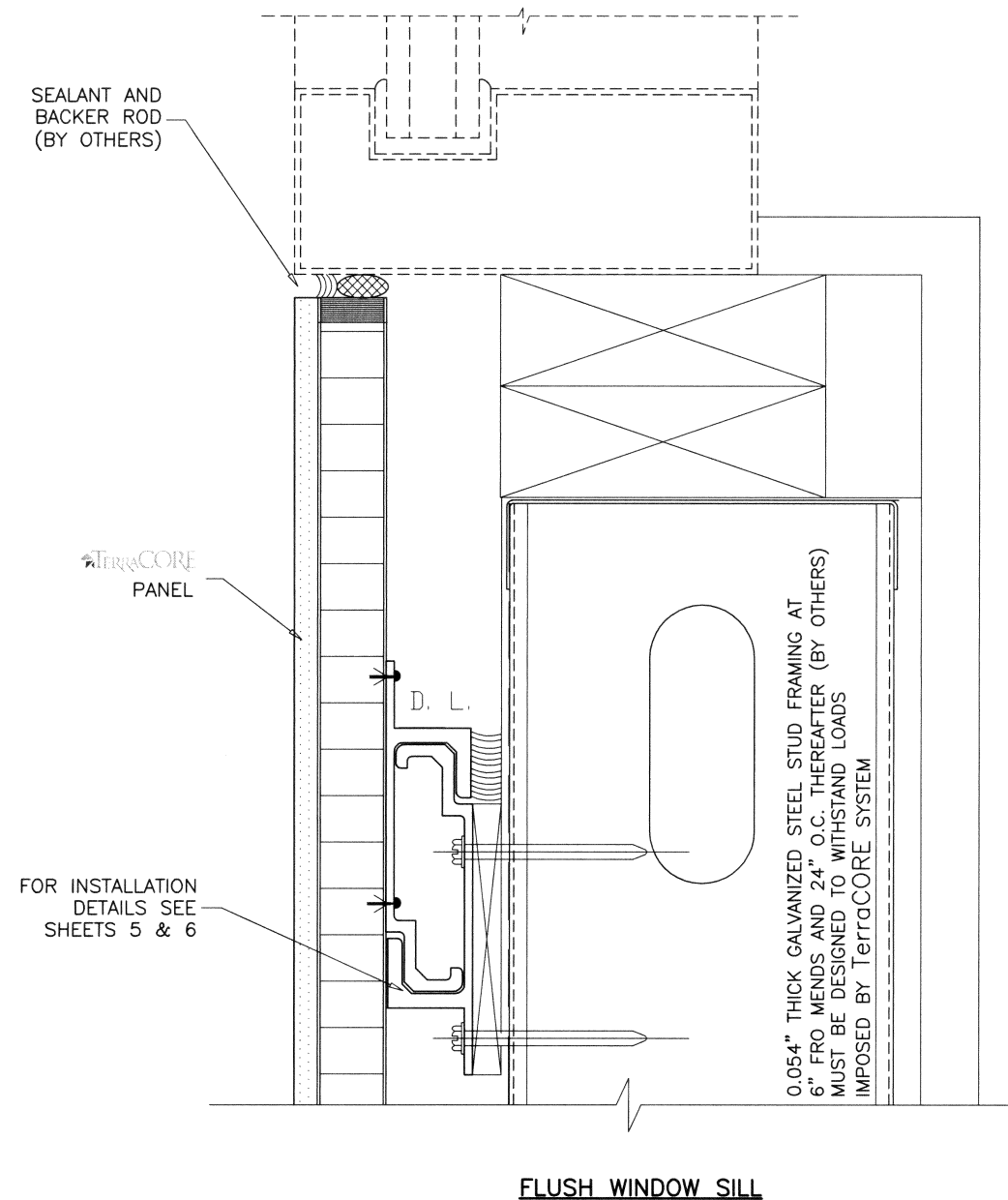
TerraCORE STONE VENEER HONEYCOMB PANEL (L.M.I.)

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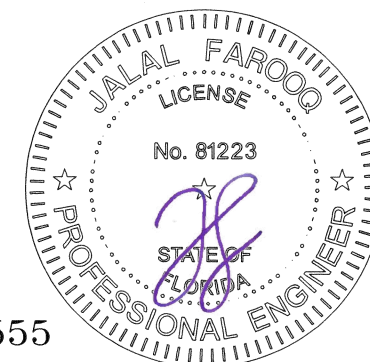
RECESSED WINDOW SILL



FLUSH WINDOW SILL

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drawing no. 17-14 sheet 9 of 10																					

