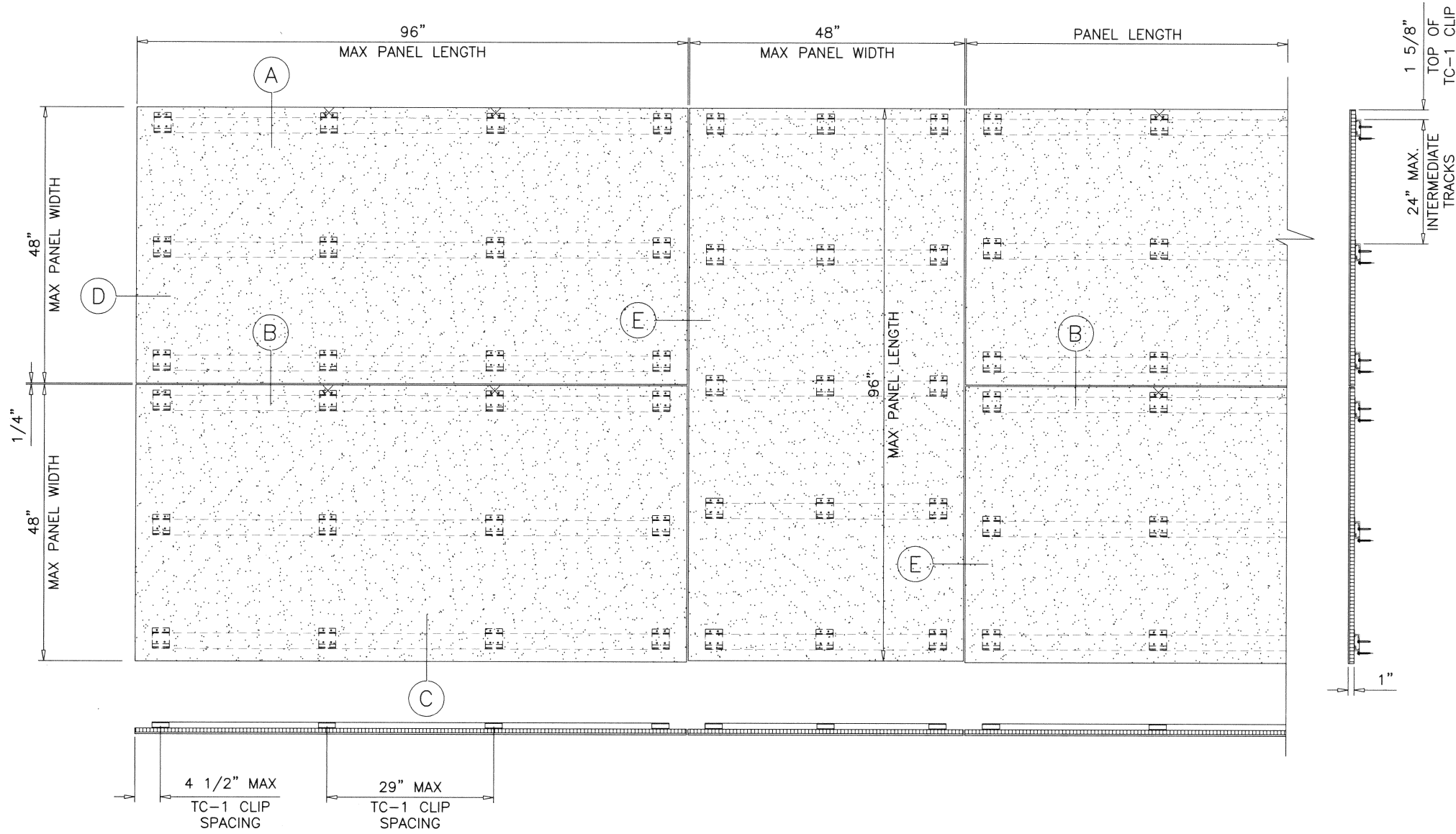




TYPICAL ELEVATION
INSTALLATIONS AT MASONRY/CONCRETE STRUCTURES
SEE SHEETS 3 AND 4 FOR INSTALLATION DETAILS

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.

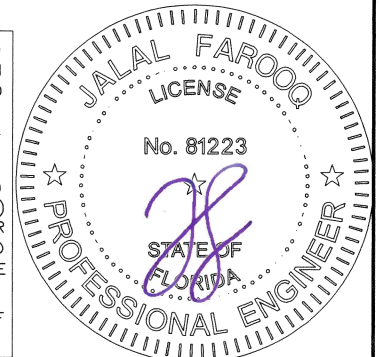
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

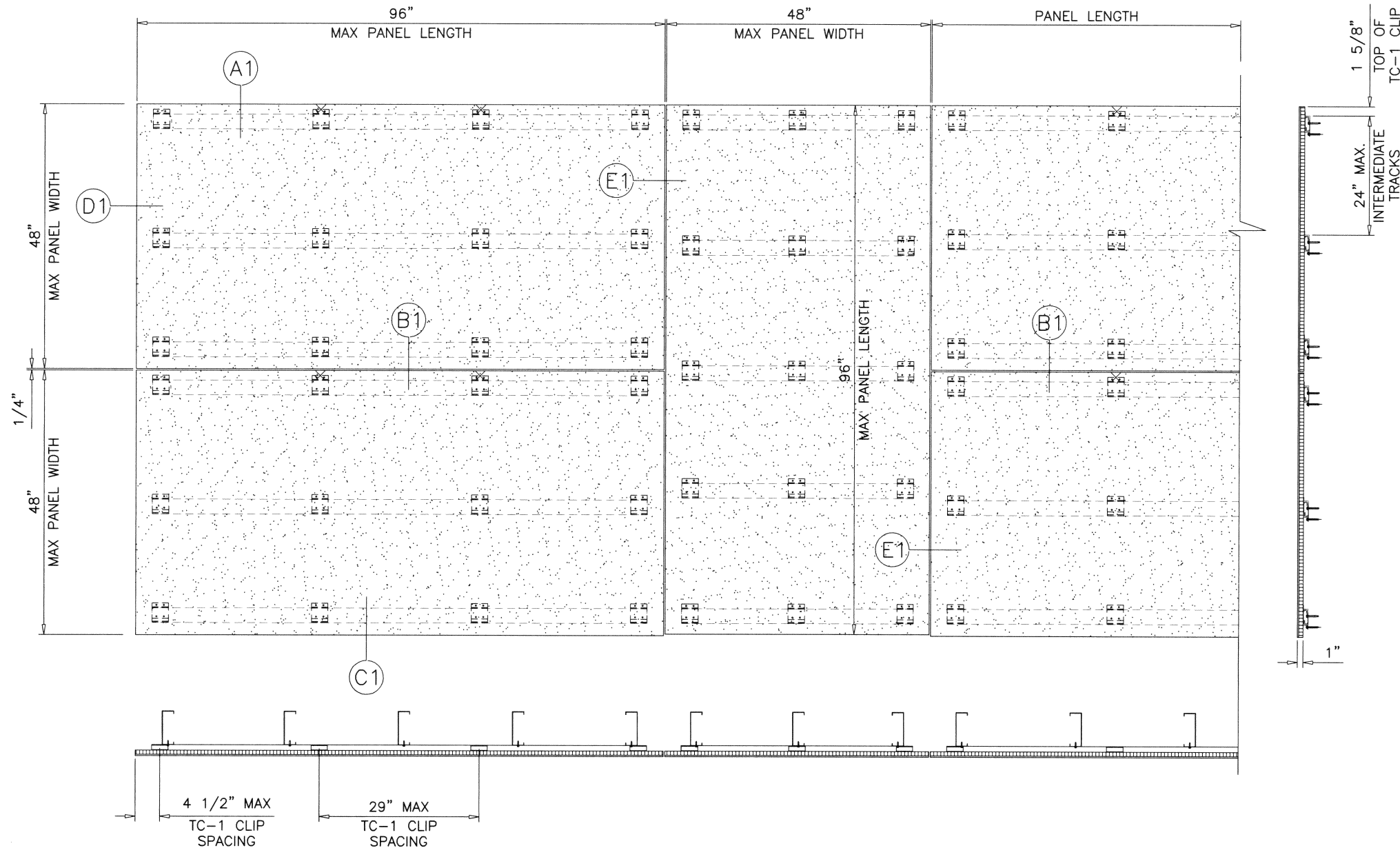


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
C.A.N. 3538

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

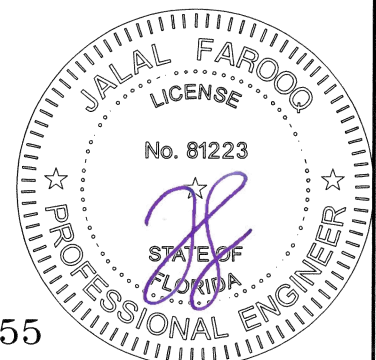
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		B	08.31.23		UPDATED TO 2023 FBC
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dr. by: ML					
chk. by:					

RAINSCEEN\17-14F-TPL



TYPICAL ELEVATION
 INSTALLATIONS AT STEEL STUD FRAMING SYSTEM
 SEE SHEETS 5 AND 6 FOR INSTALLATION DETAILS

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



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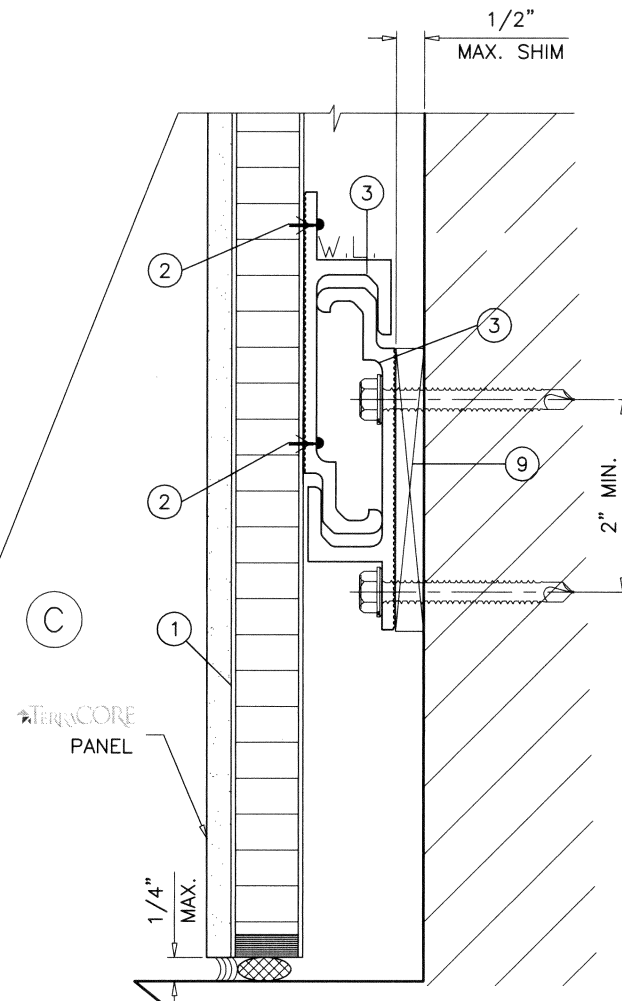
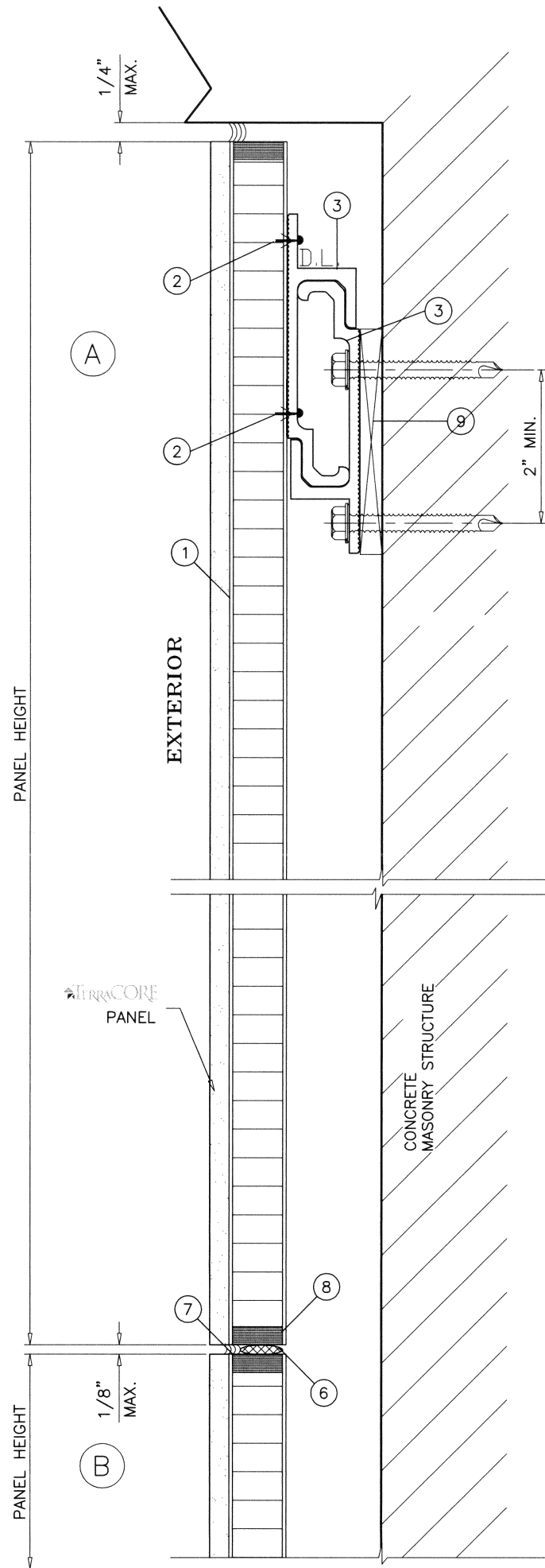
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 RAINSCREEN \ 1605SWI

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

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

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no	date		

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drawing no.		17-14	
sheet 2 of 10			



TYPICAL ANCHORS:

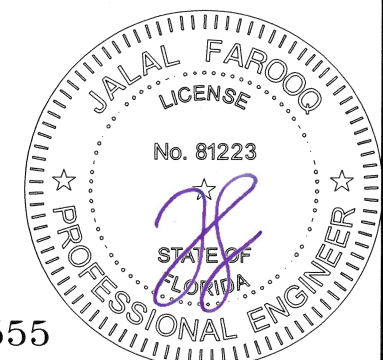
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE
1-1/4" MIN. EMBED INTO MASONRY
1-1/4" MIN. EMBED INTO HOLLOW BLOCK

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



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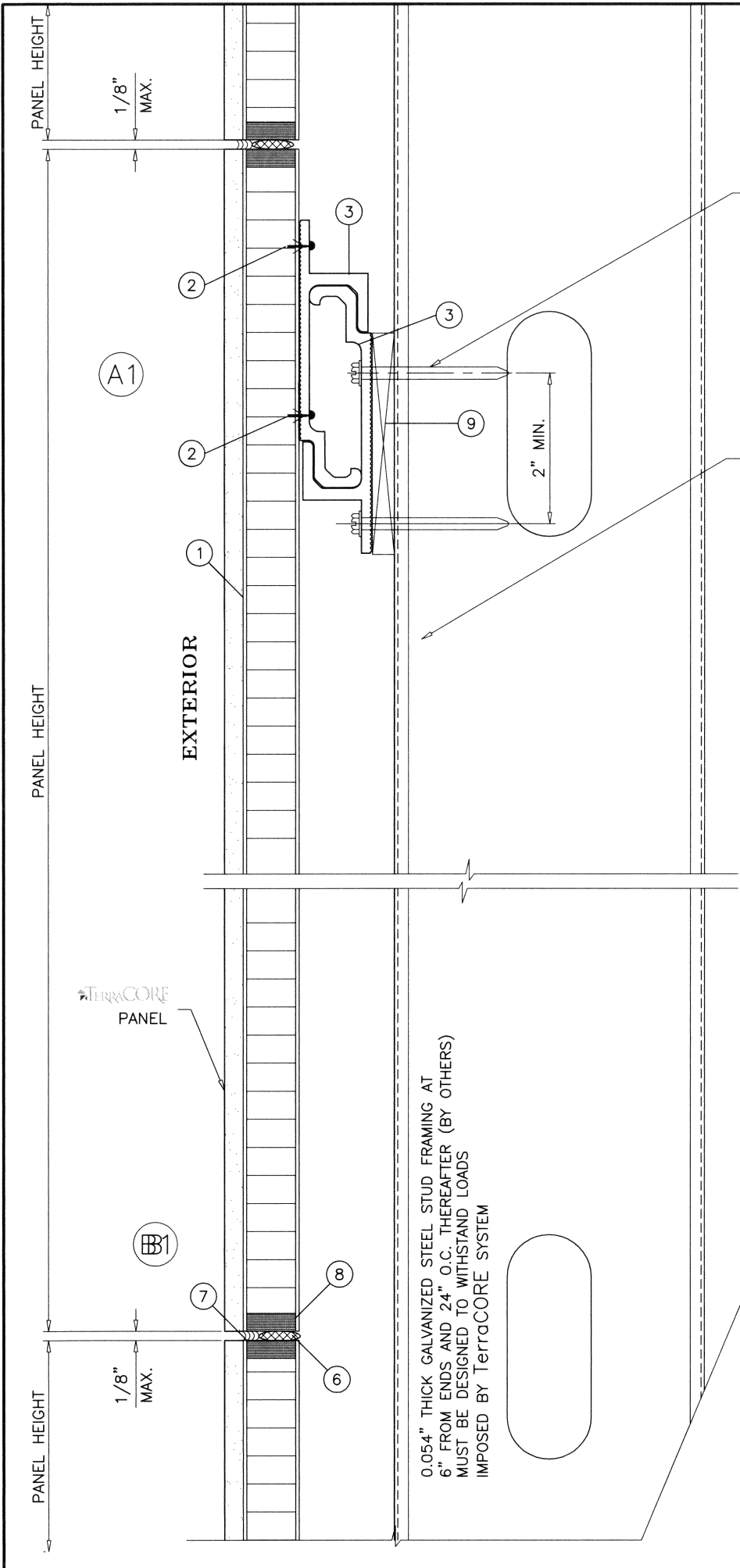
RAINSCEEN 17-14F-TPL

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no	date by description

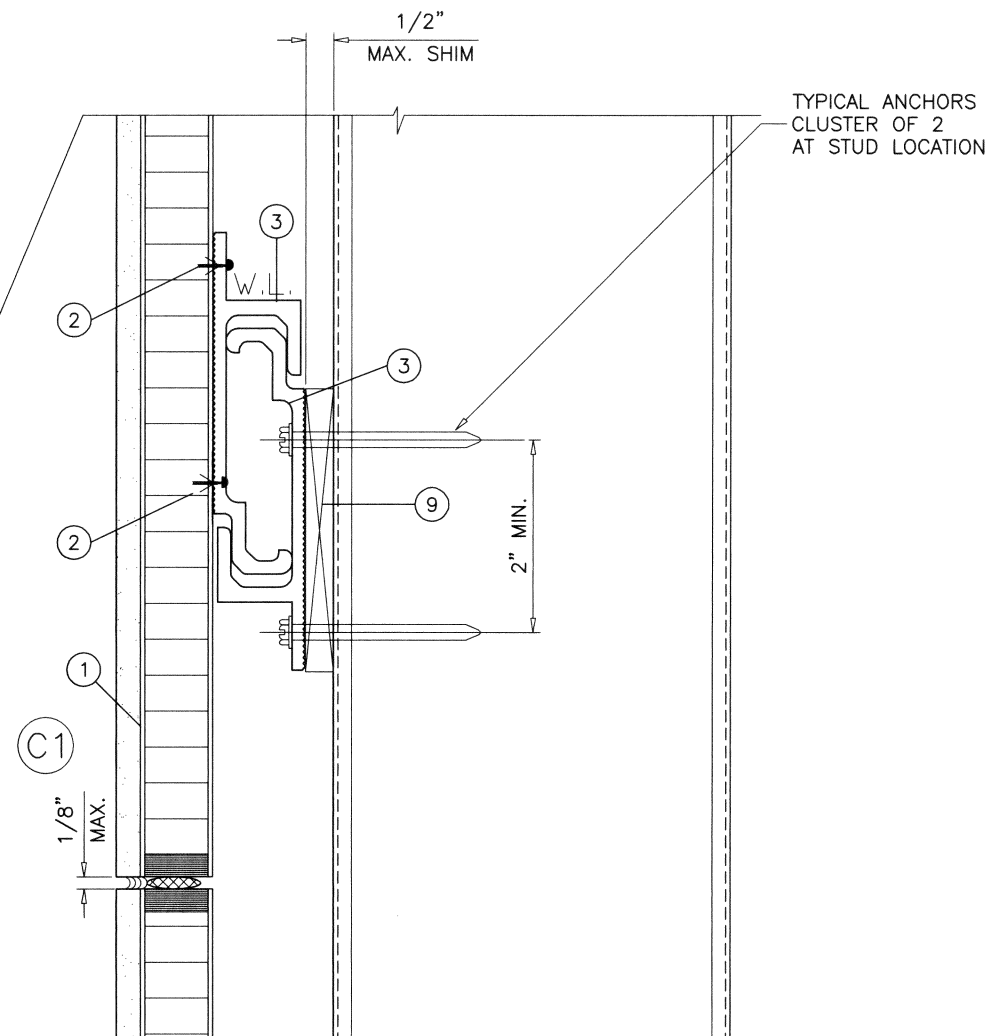
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drawing no. 17-14		sheet 3 of 10	



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



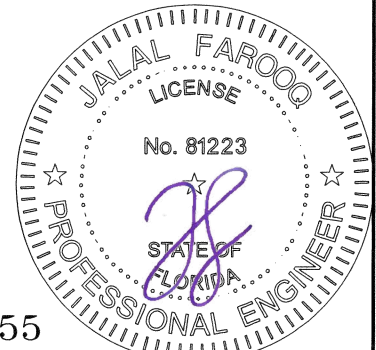
TYPICAL ANCHORS CLUSTER OF 2 AT STUD LOCATION

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)

Sealed: 9/1/2023

FL #22555



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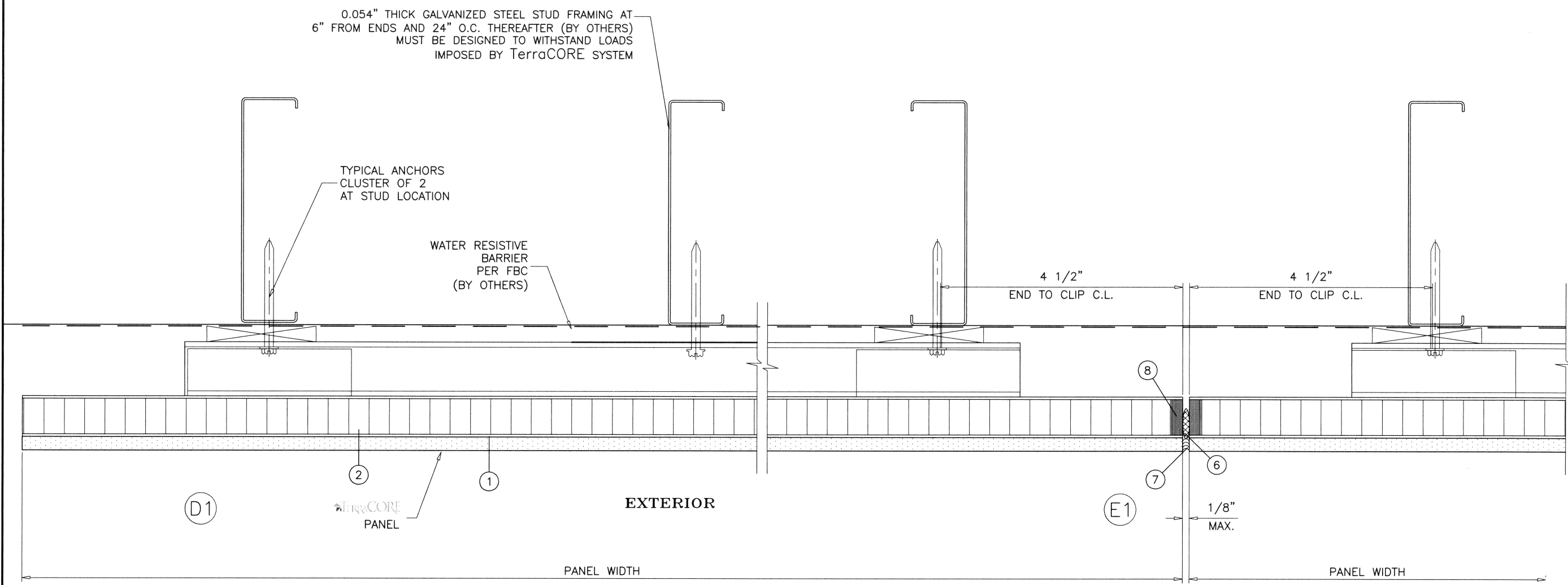
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 RAINSCREEN 17-14F-TPL

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

revisions:
 no date by description

date: 06-14-17
 scale: 1/2" = 1"
 dr. by: ML
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drawing no.
17-14
 sheet 5 of 10



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

WATER RESISTIVE
BARRIER
PER FBC
(BY OTHERS)

4 1/2"
END TO CLIP C.L.

4 1/2"
END TO CLIP C.L.

1/8"
MAX.

EXTERIOR

PANEL WIDTH

PANEL WIDTH

Sealed: 9/1/2023

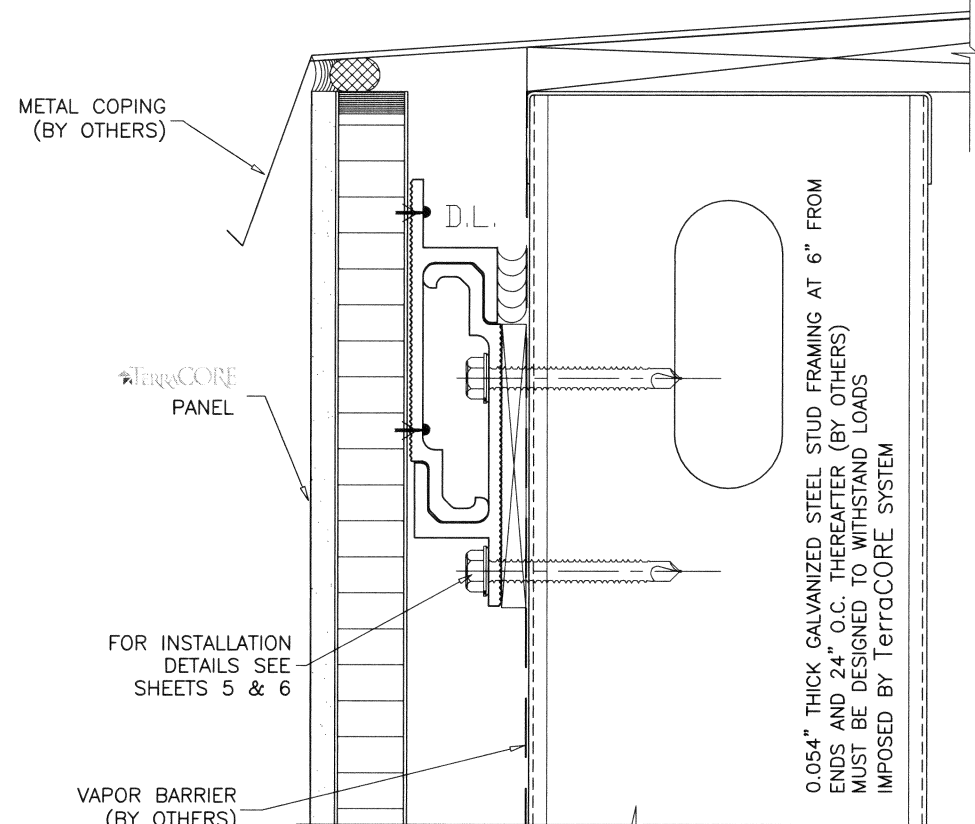
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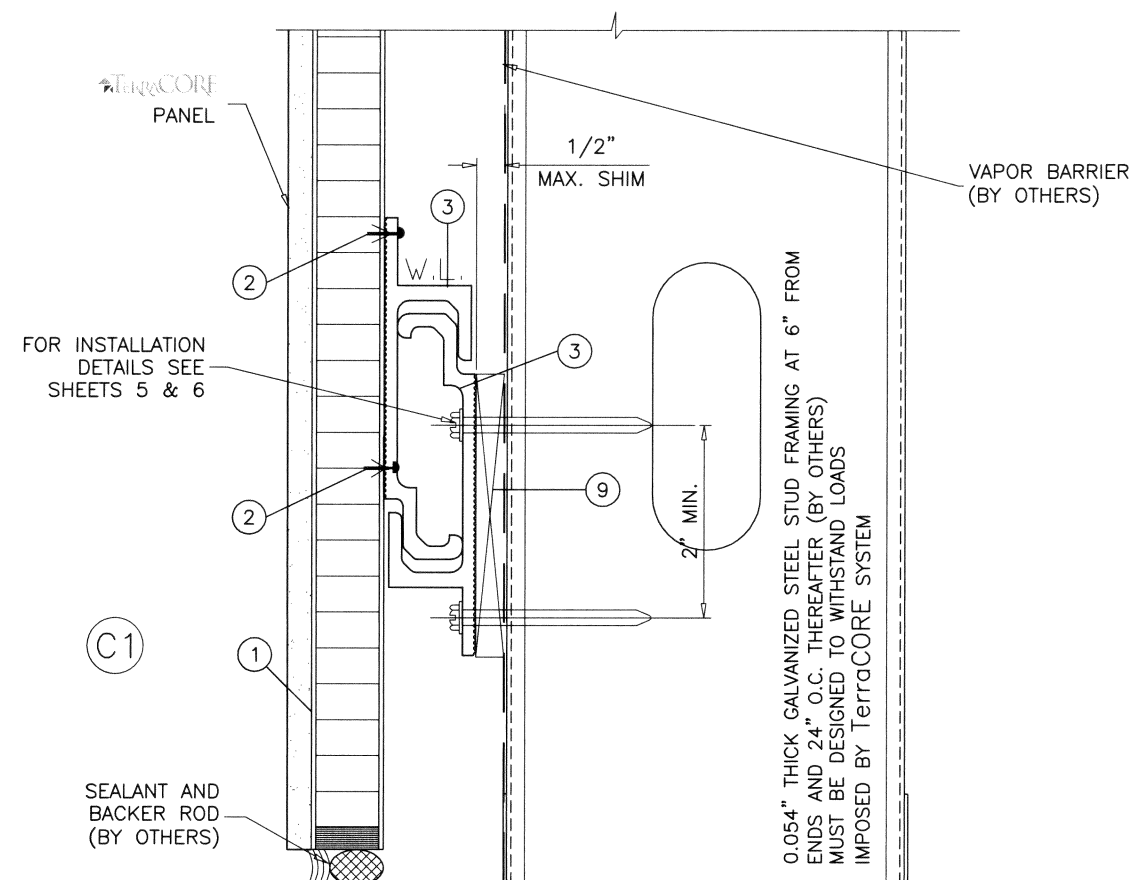
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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 FAX. (305) 262-6978
RAINSCEEN\1605SWI

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Dallas, TX 75207
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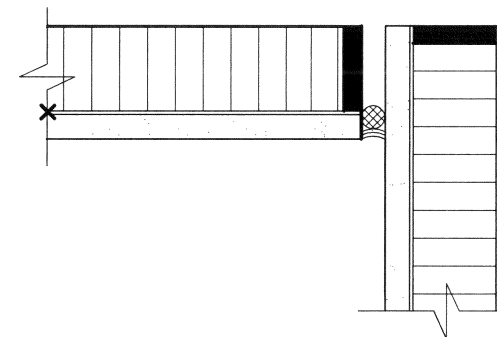
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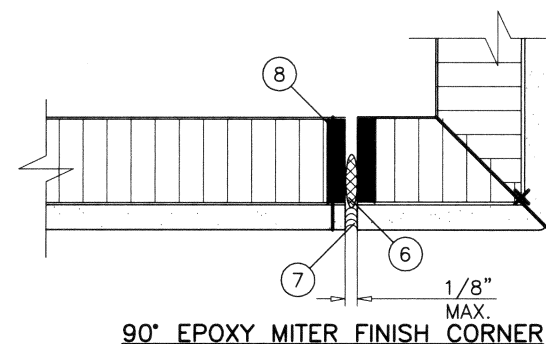
TYPICAL COPING DETAIL



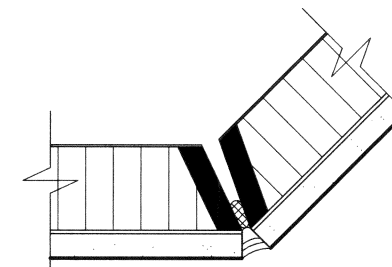
TYPICAL FLOOR DETAIL



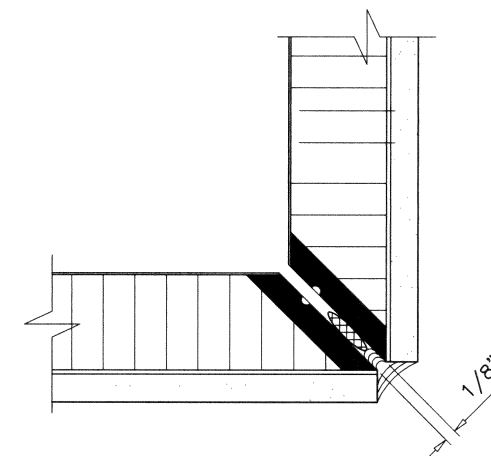
INSIDE CORNER



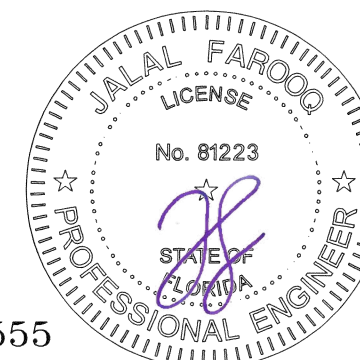
90° EPOXY MITER FINISH CORNER



ANGLED OUTSIDE CORNER



QUIRK MITER EDGE



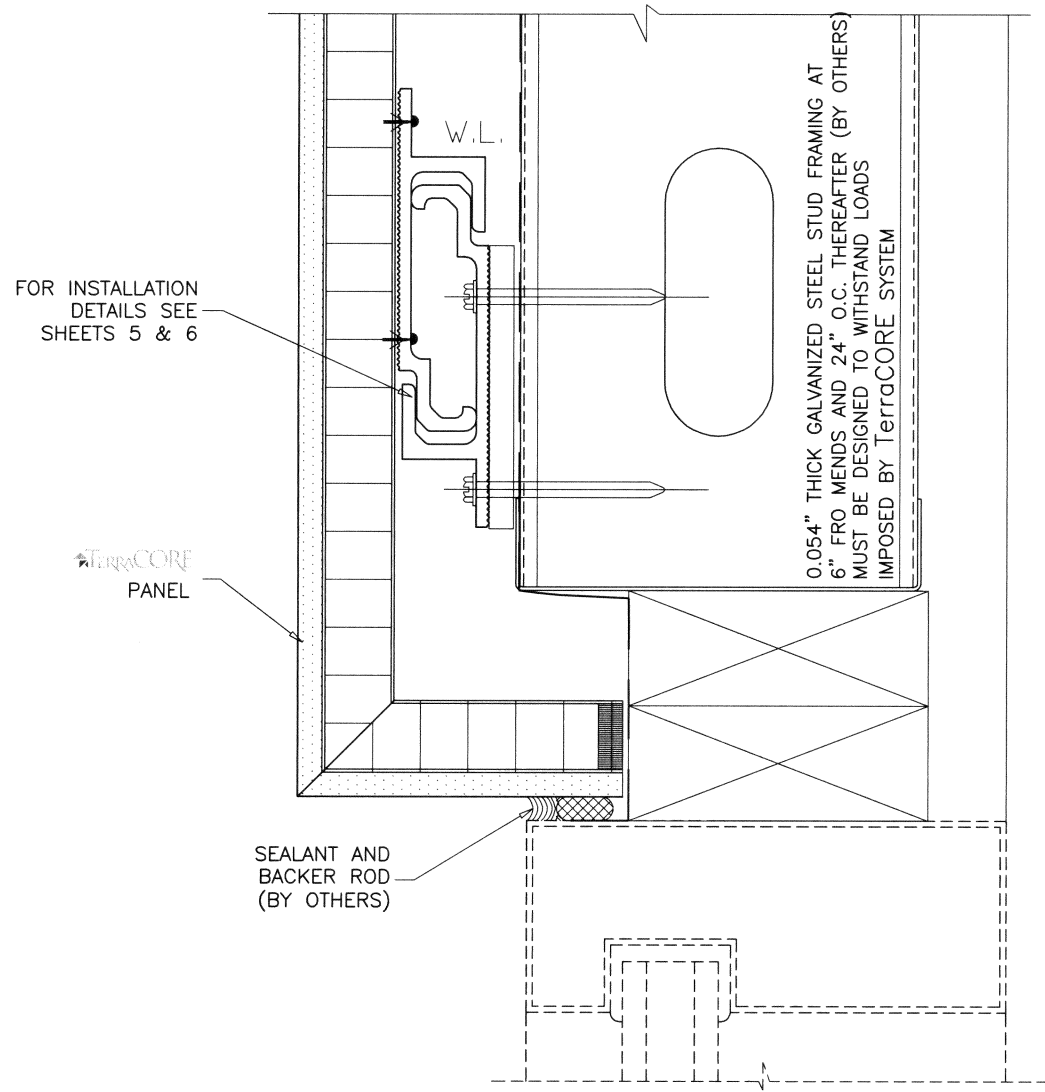
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FL #22555

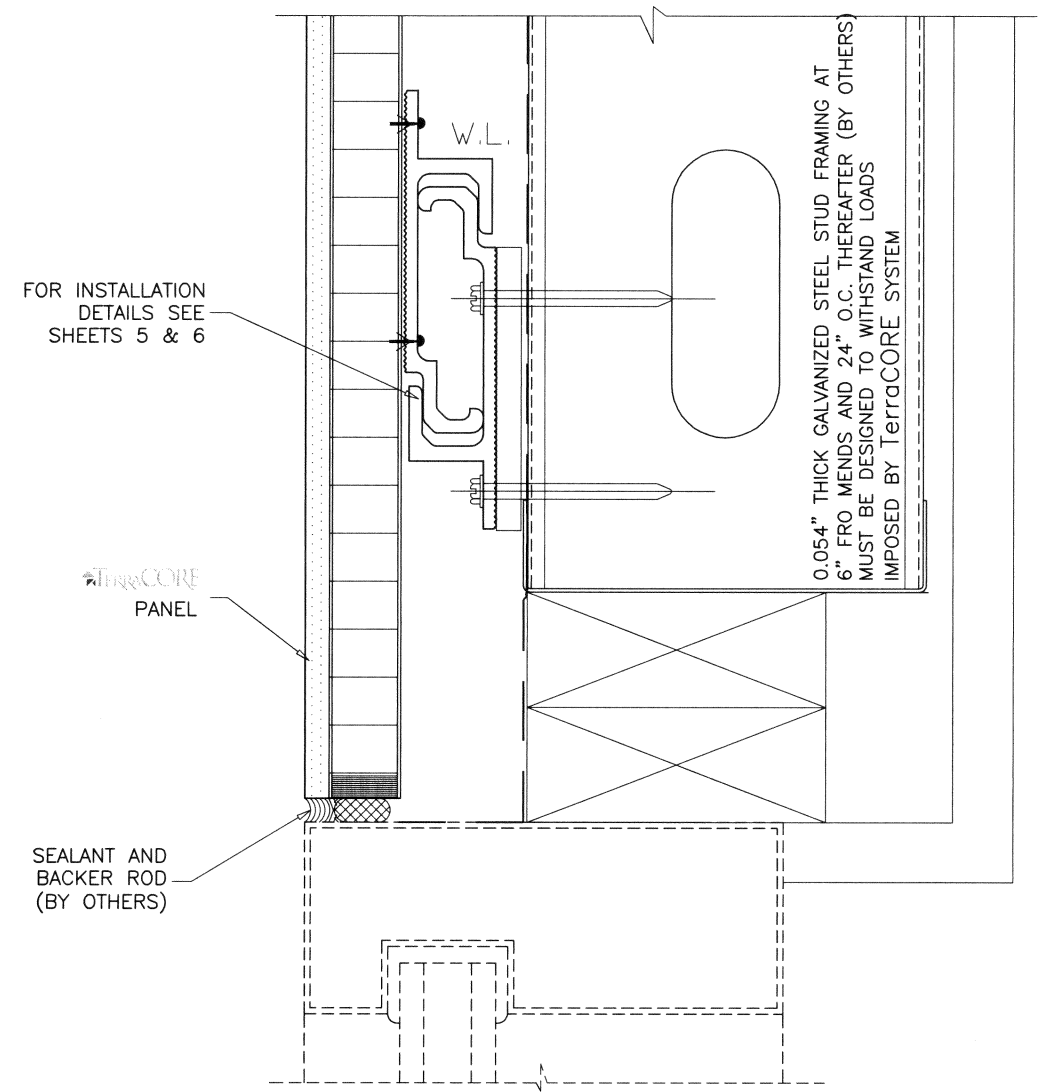
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TERRACORE STONE VENEER HONEYCOMB PANEL (L.M.I.)
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sheet	7 of 10				



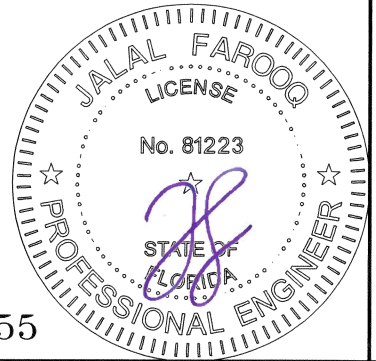
RECESSED WINDOW HEAD



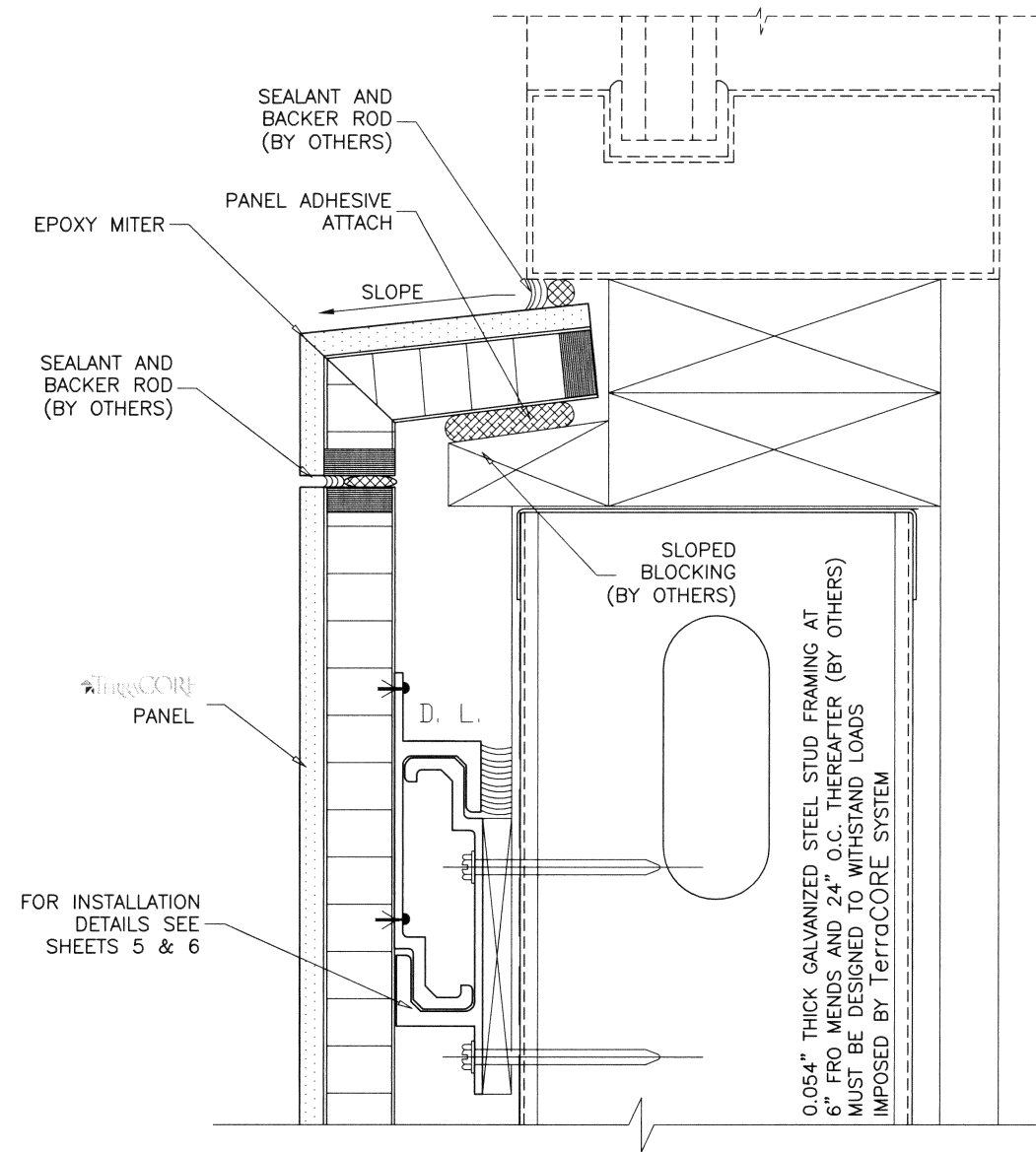
FLUSH WINDOW HEAD

Sealed: 9/1/2023

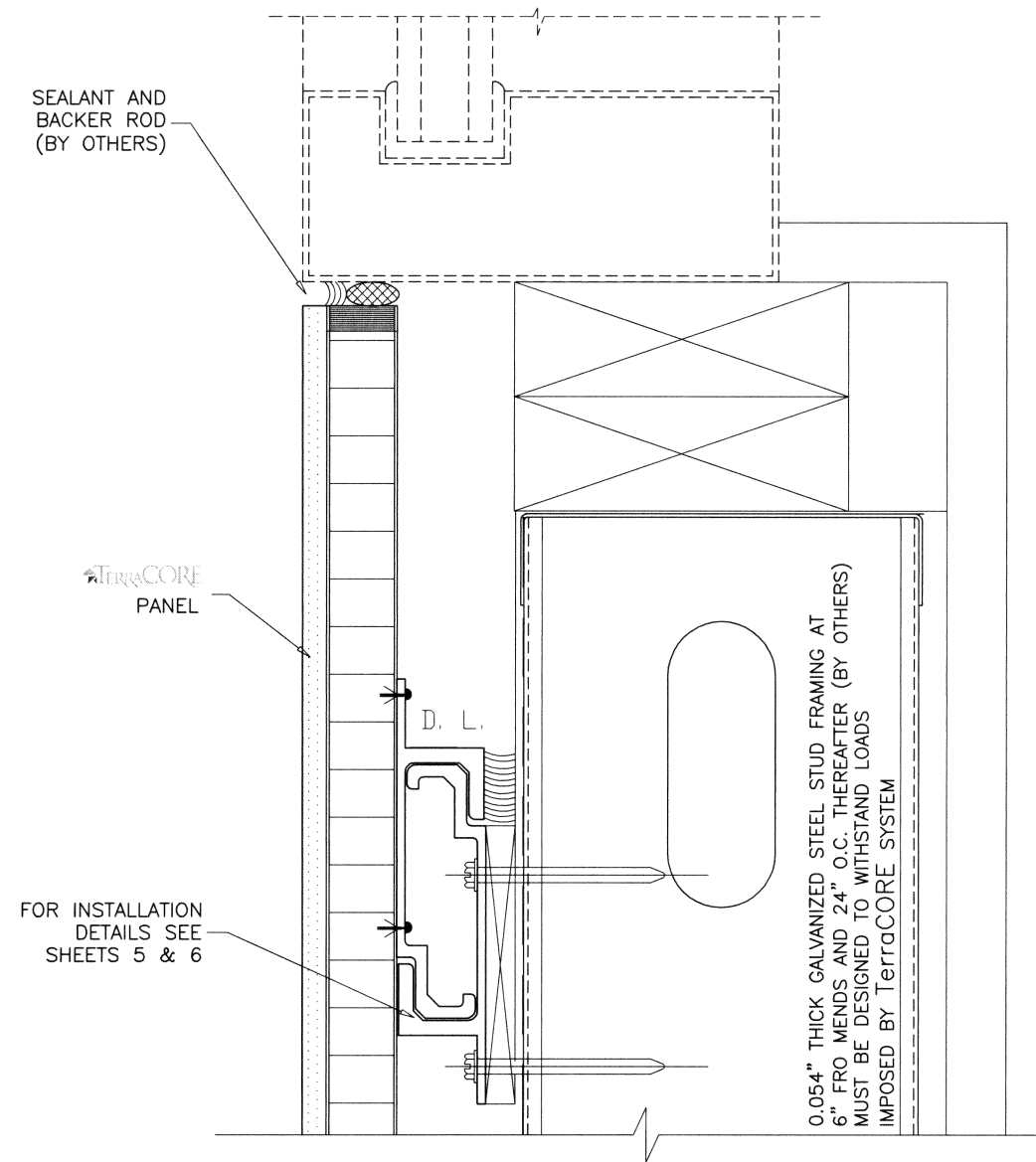
FL #22555



		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																					
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.)																					
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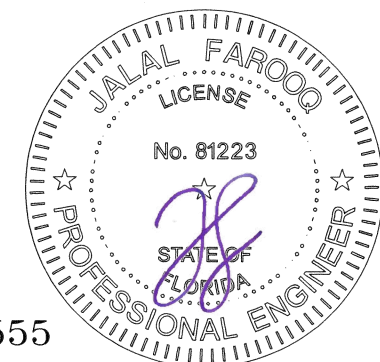
RECESSED WINDOW SILL



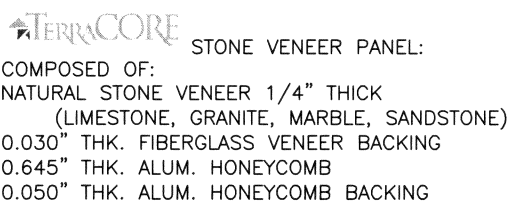
FLUSH WINDOW SILL

Sealed: 9/1/2023

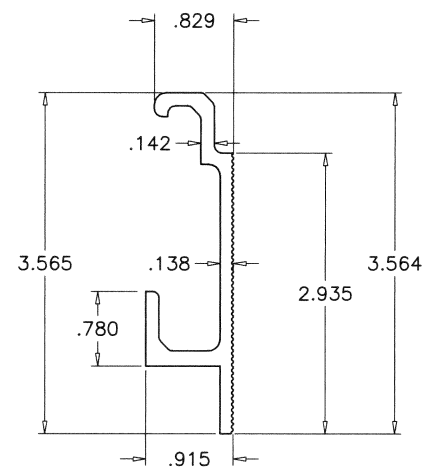
FL #22555



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TERRACORE PANELS, LLC 2030 Irving Blvd Dallas, TX 75207 PHONE: (214) 749-0999 FAX: (214) 742-2804																					
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drawing no. 17-14 sheet 9 of 10																					



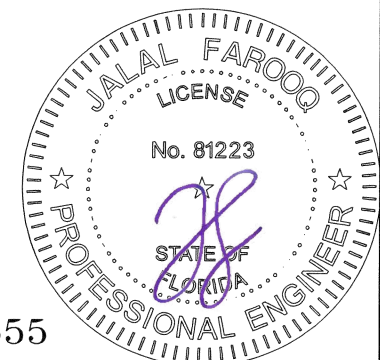
COMPOSITE PANEL
SCALE 1:1



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



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drawing no. 17-14

sheet 10 of 10