

**TYPICAL ELEVATION**

INSTALLATIONS AT WOOD STRUCTURES  
SEE SHEETS 3 AND 4 FOR INSTALLATION DETAILS

INSTALLATIONS AT METAL STRUCTURES  
SEE SHEETS 5 AND 6 FOR INSTALLATION DETAILS

INSTALLATIONS AT MASONRY/CONCRETE STRUCTURES  
SEE SHEETS 7 AND 8 FOR INSTALLATION DETAILS

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

SYSTEM IS SECURED TO SHEAR WALLS (BY OTHERS) AS EXTERIOR CLADDING

**COSENTINO®**

**1.2cm & 8mm DEKTON**

**ULTRA COMPACT PANEL FACADE SYSTEM**

**APPROVAL APPLIES TO MULTIPLE UNIT INSTALLATIONS**

MAX. DESIGN LOAD = +125.0 PSF  
-125.0 PSF

MAX. PANEL SIZE = 126" LONG X 56" WIDE  
HORIZONTAL TRACK SPACING = 26" O.C.

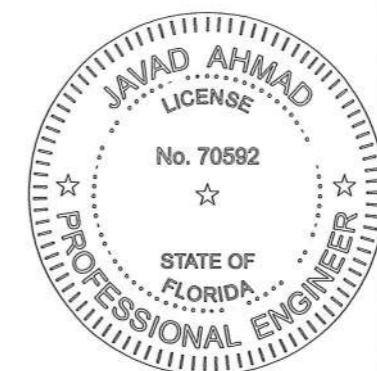
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 2017 FLORIDA BUILDING 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.

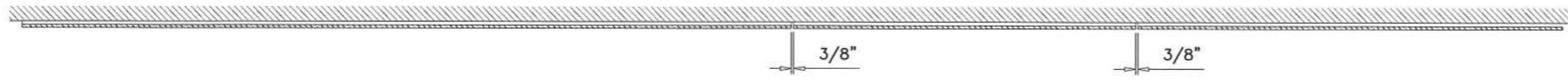
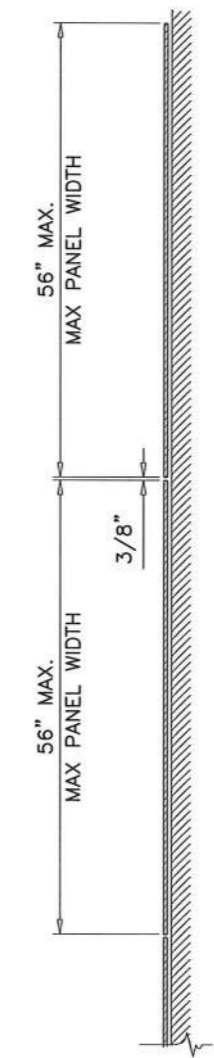
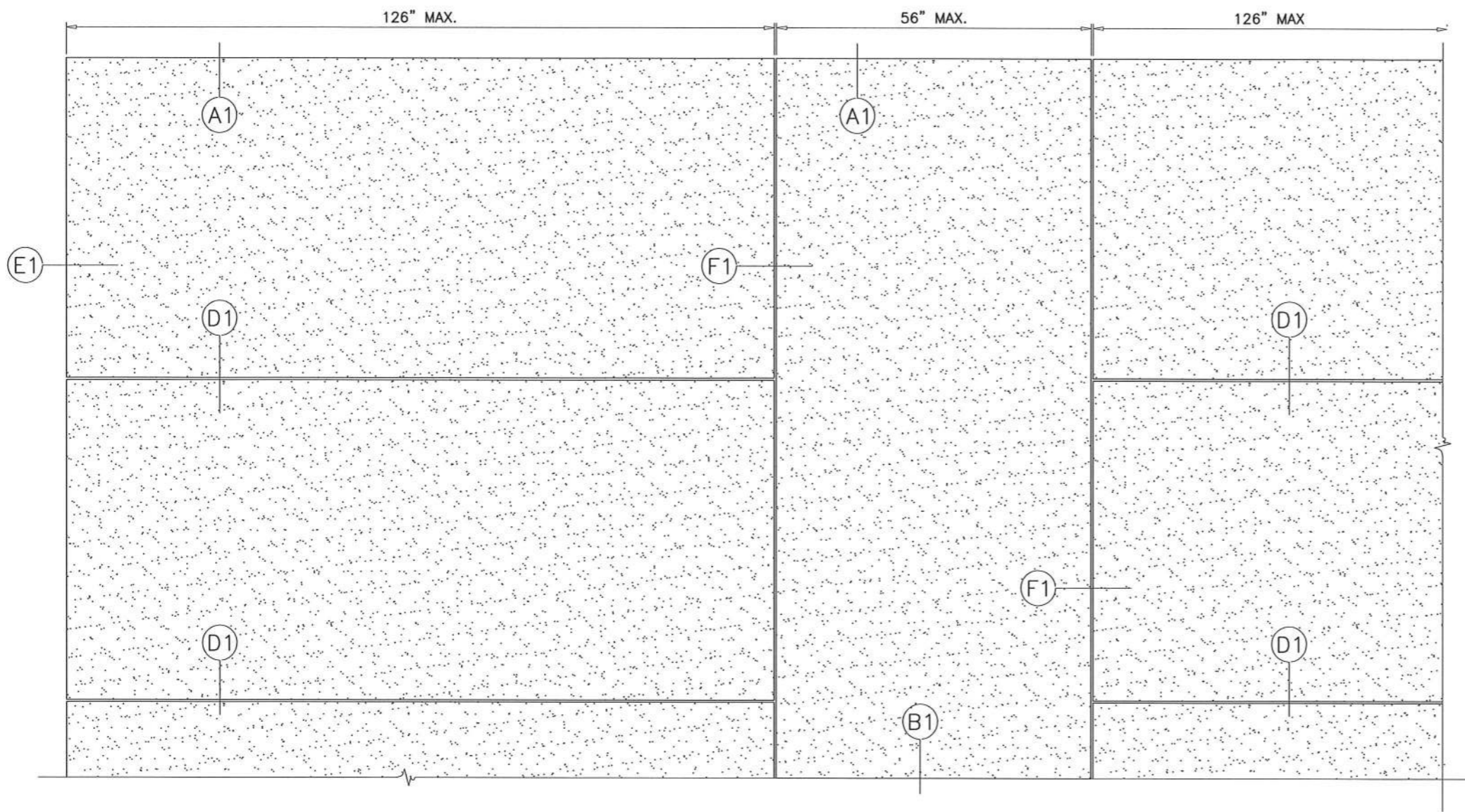


**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
RAINSCREEN | 1605SWI

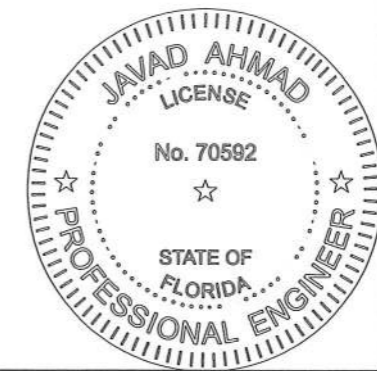
DEKTON ULTRA COMPACT PANEL FACADE SYSTEM (L.M.I.)  
**COSENTINO NORTH AMERICA**  
355 Alhambra Circle, Suite 1000  
Coral Gables, Florida 33134  
PHONE: (786) 686-5060

revisions:		date:	scale:	dr. by:	chk. by:
no.	description				
		09-19-18	1/2"=1'-0"	M.L.S	

drawing no. **18-110**  
sheet 1 of 11



TYPICAL ELEVATION  
 CHEMICAL ATTACHMENT AT MASONRY/CONCRETE STRUCTURES  
 SEE SHEETS 9 AND 10 FOR INSTALLATION DETAILS

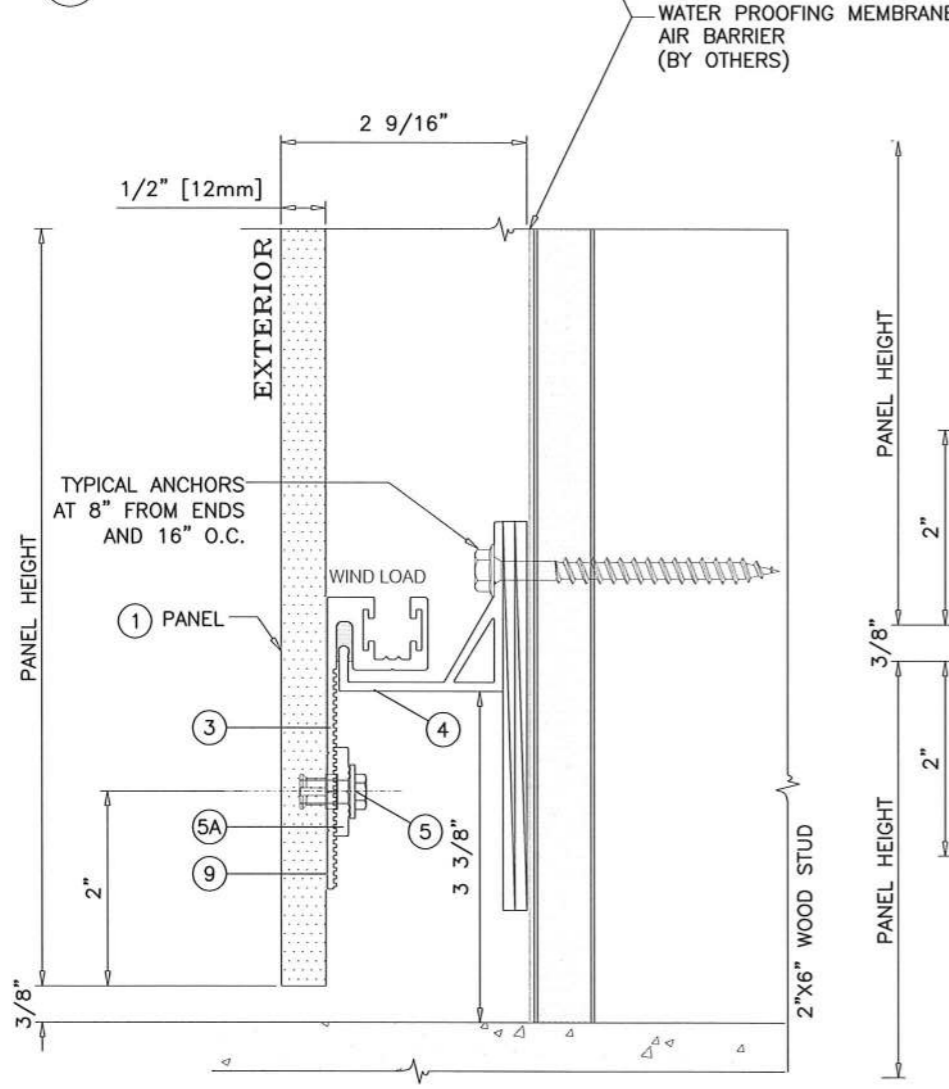
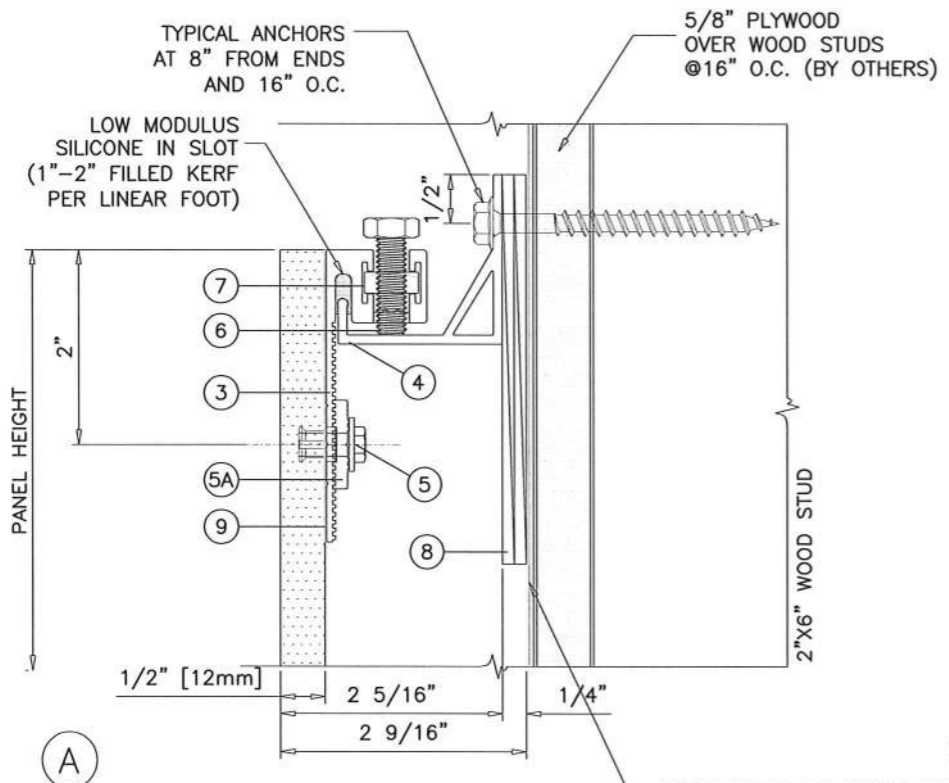


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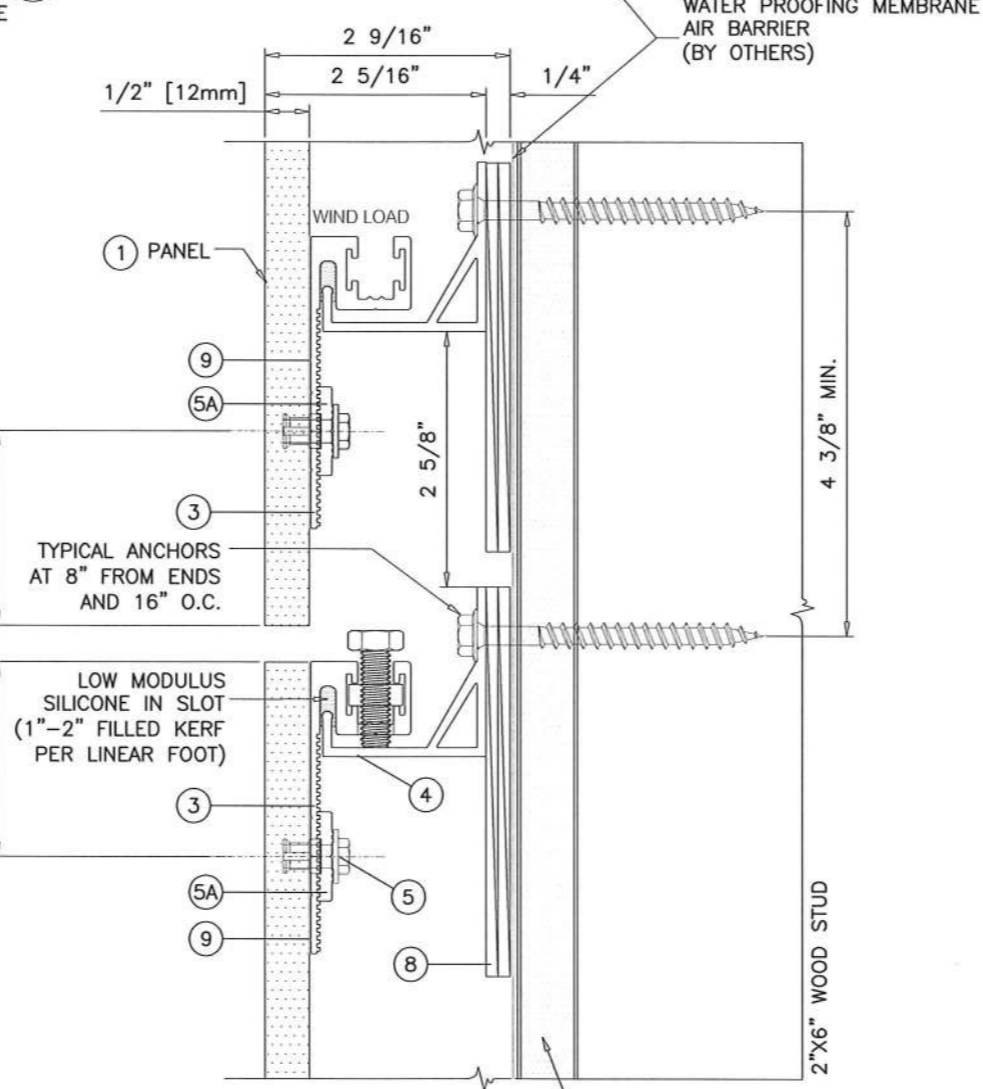
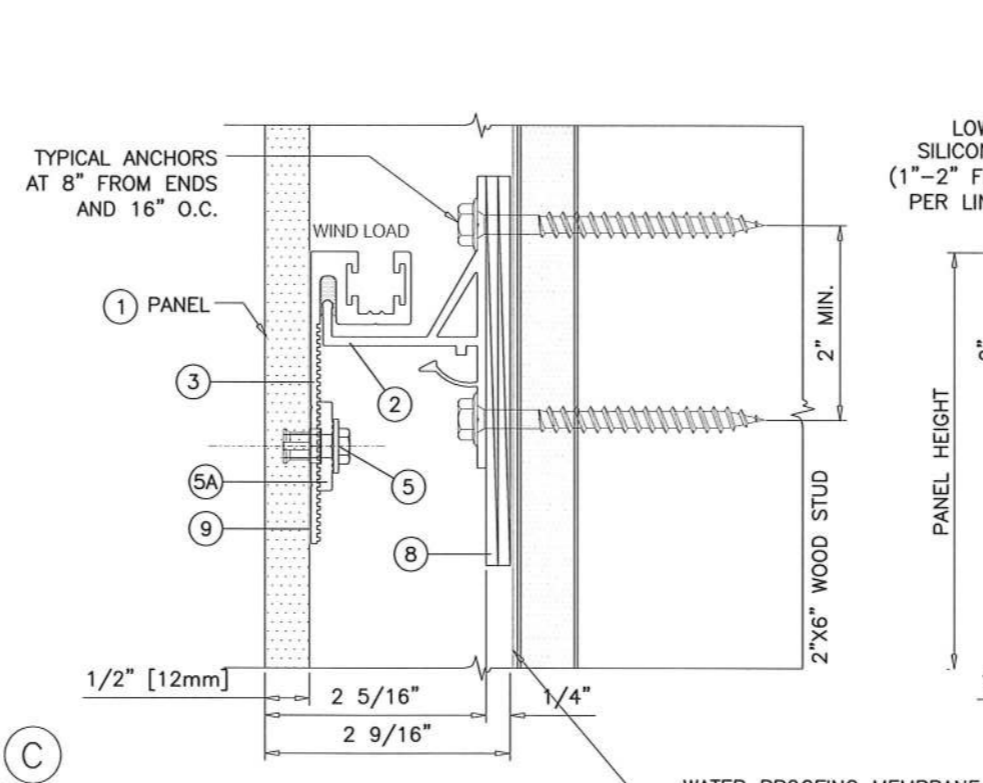
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drawing no.	18-110			
sheet	2 of 11			

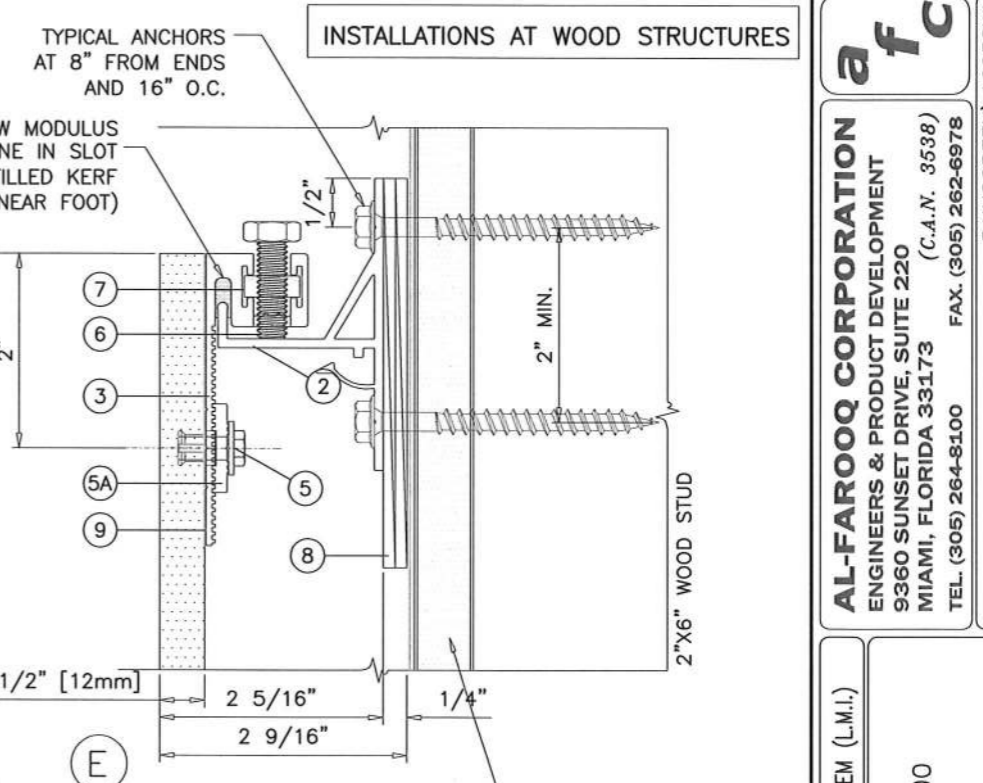




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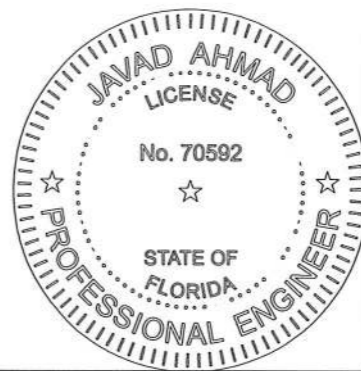


(C) (D)



(E)

**TYPICAL ANCHORS:**  
 1/4" x 3" HH POWERLAG BOLT BY 'SPAX'  
 (Fu=177 KSI, Fy=155 KSI)  
 DIRECTLY INTO 2 X 6 WOOD STUD  
 2" MIN. EMBED INTO WOOD  
**TYPICAL EDGE DISTANCE**  
 INTO WOOD = 3/4" MIN.



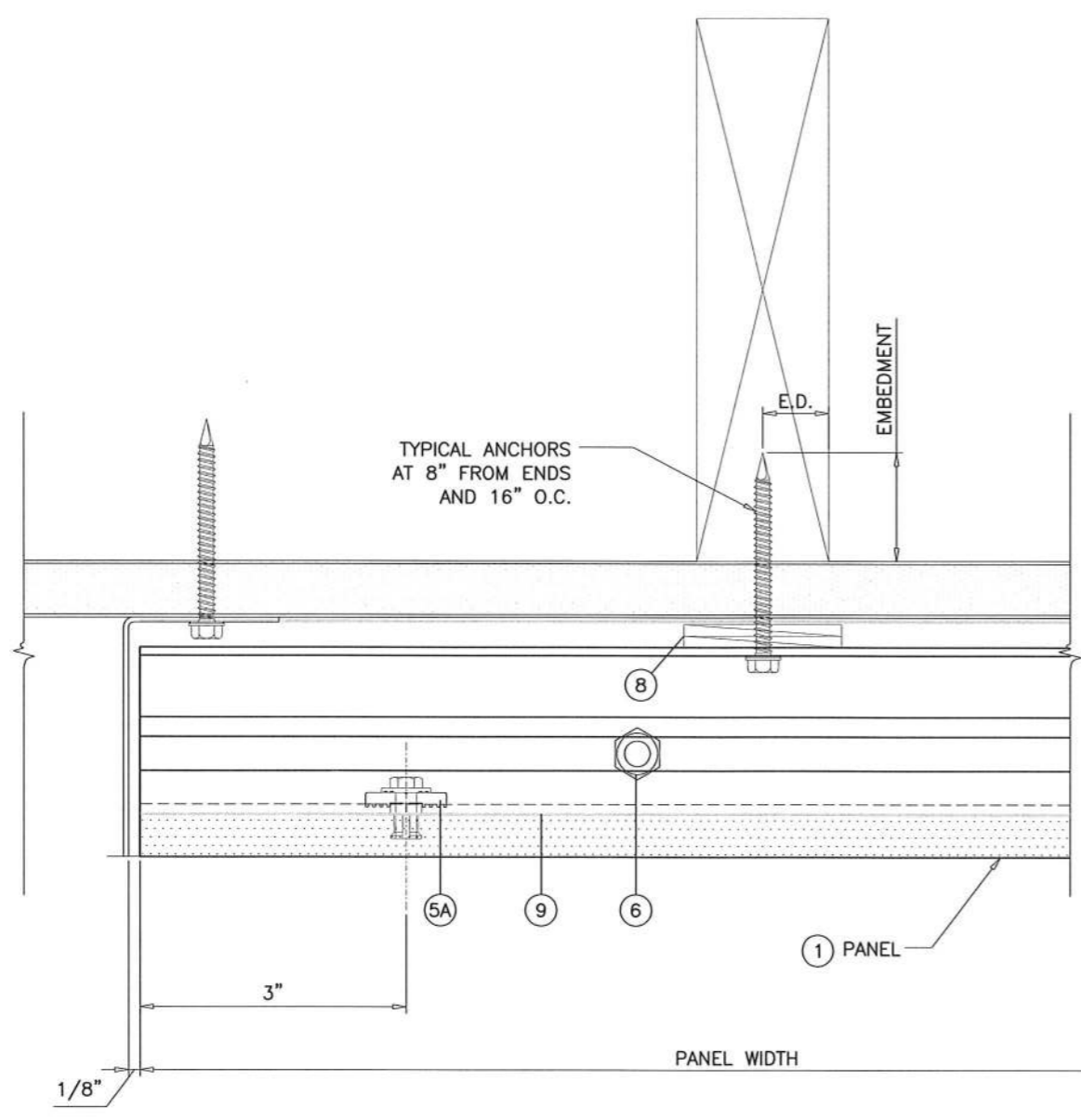
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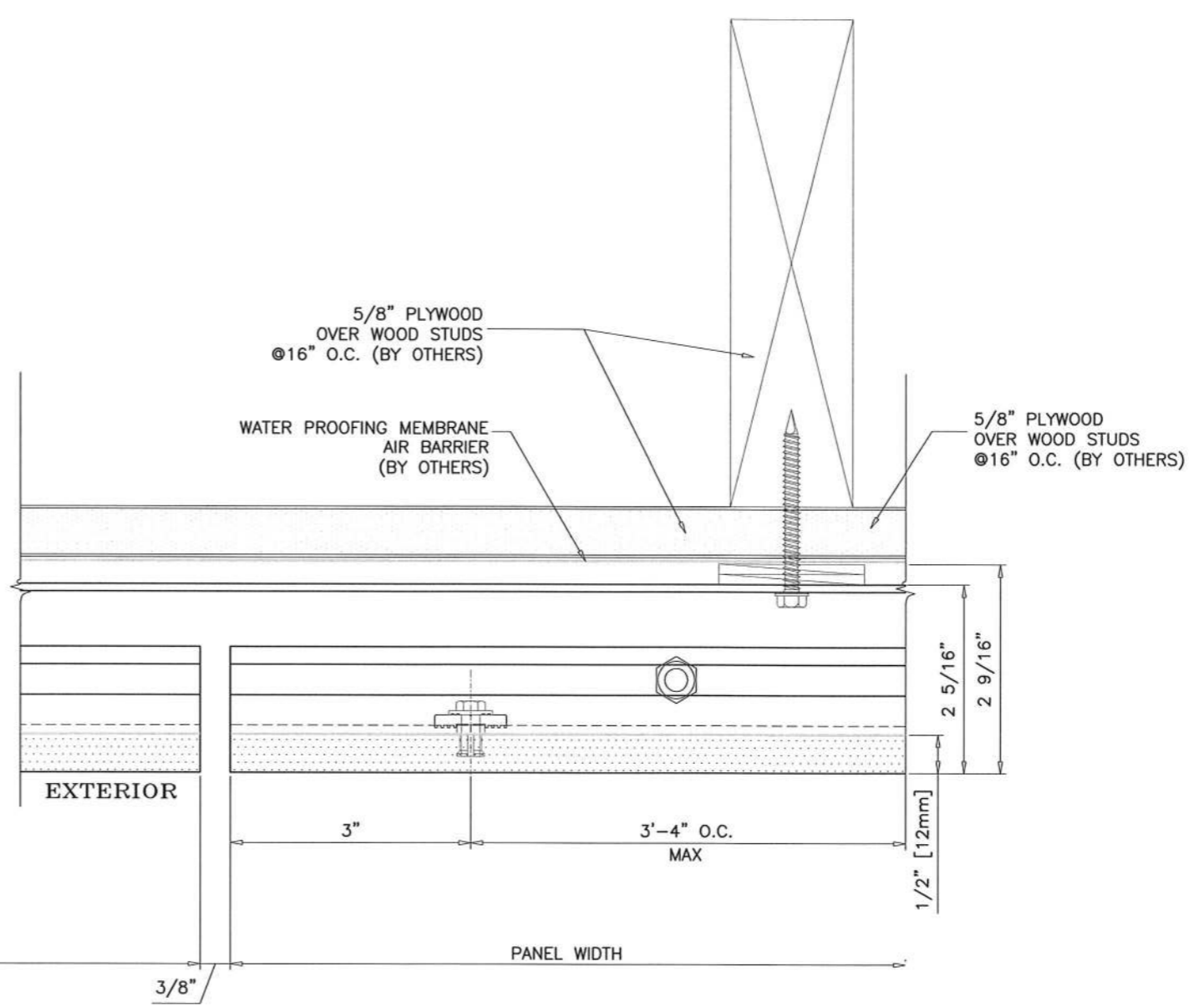
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drawing no. 18-110	
sheet 3 of 11	

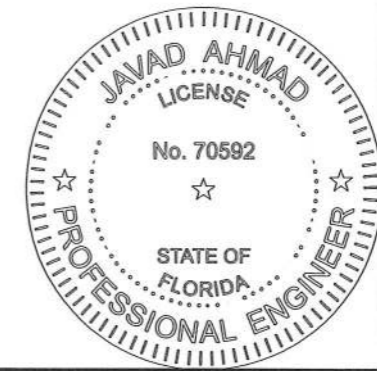
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 dr. by: MLS  
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drawing no.  
**18-110**

sheet 4 of 11

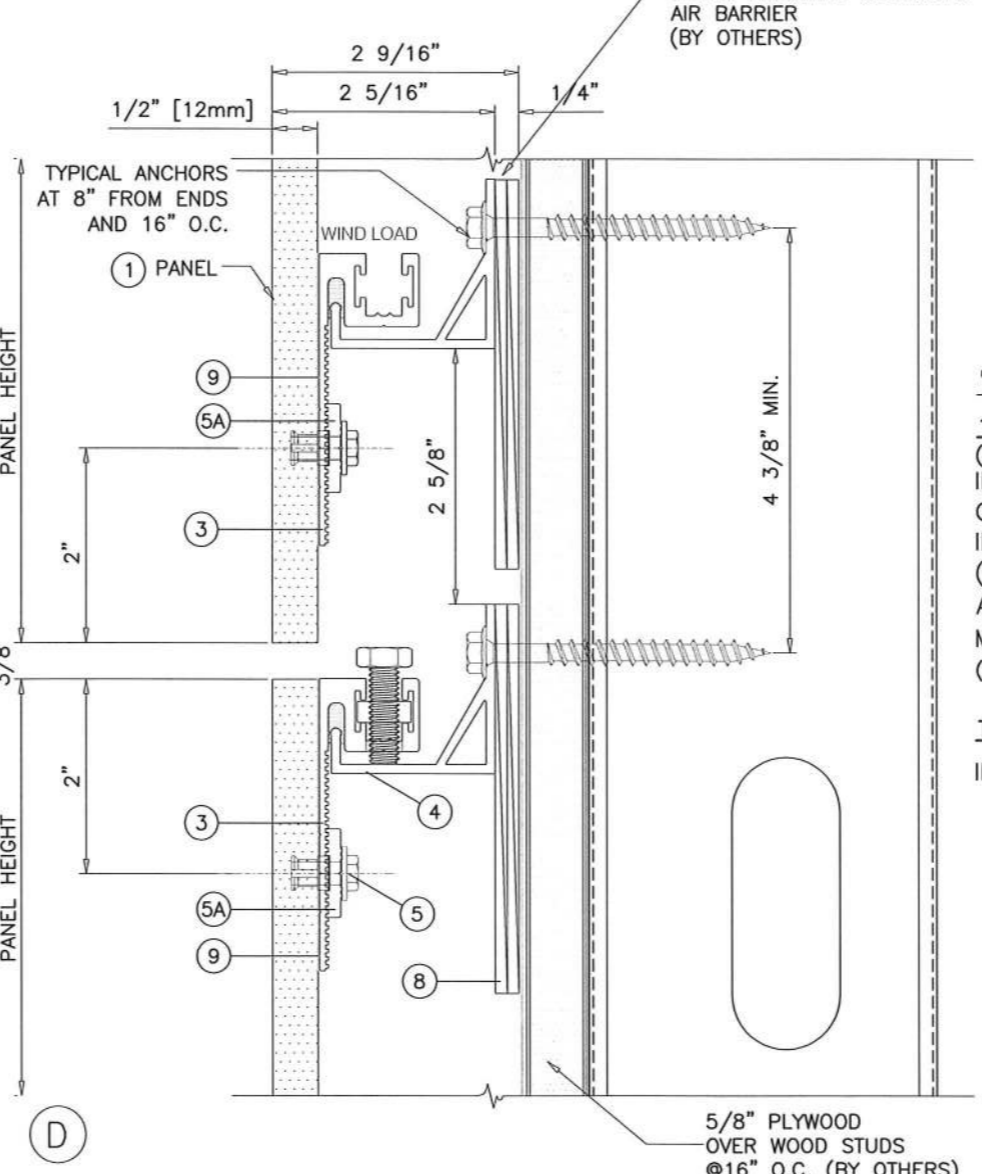
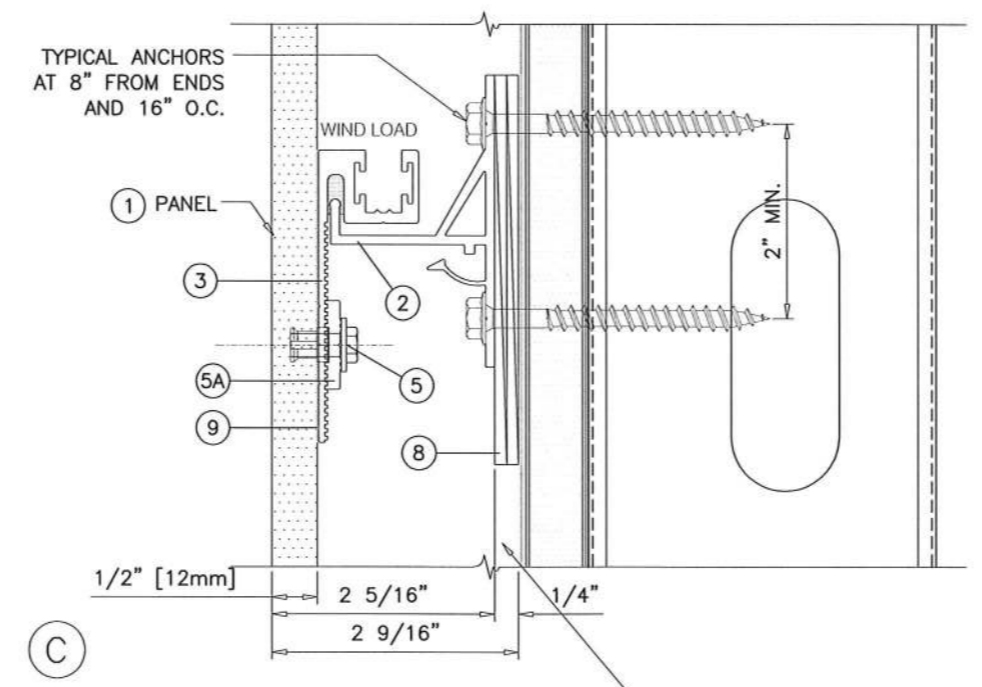
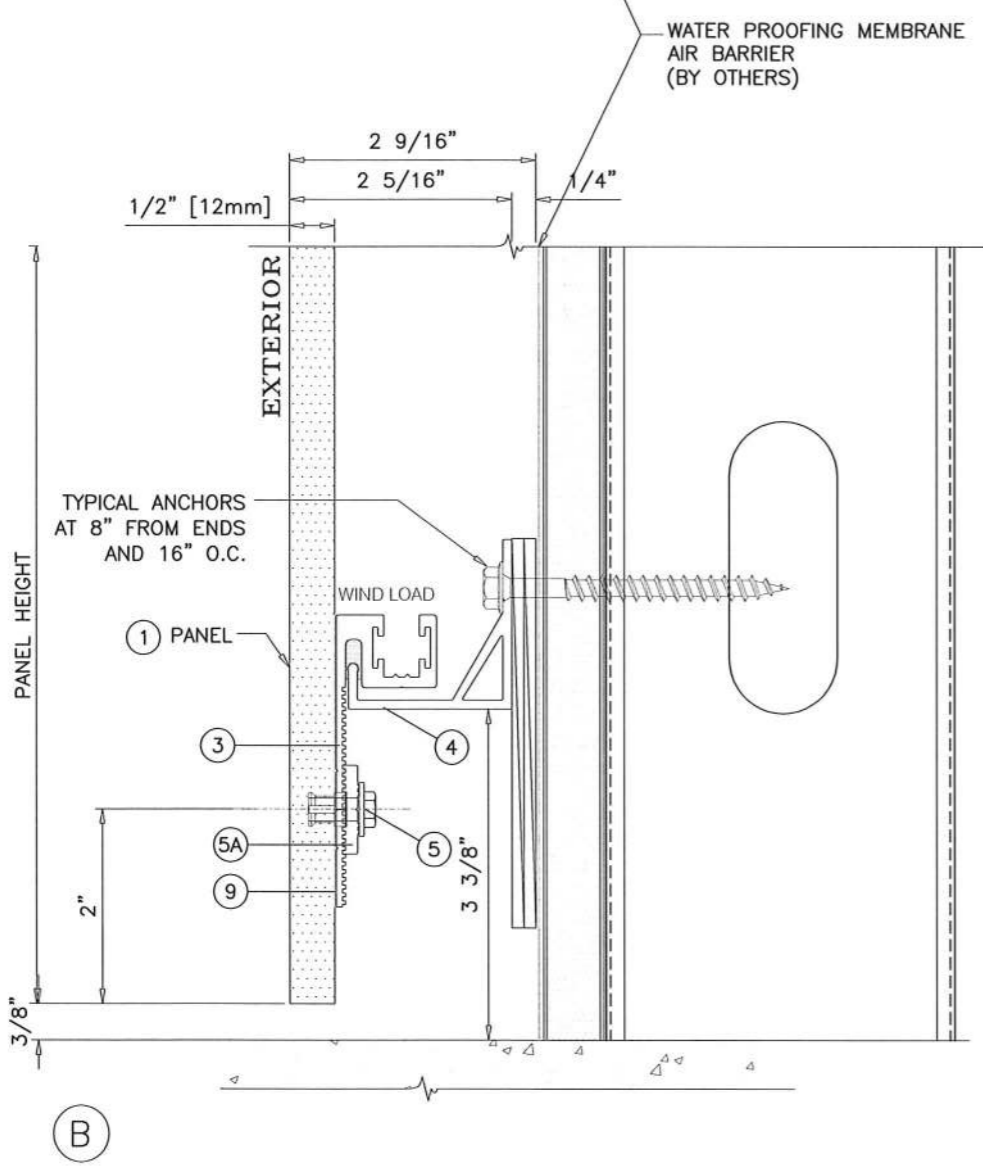
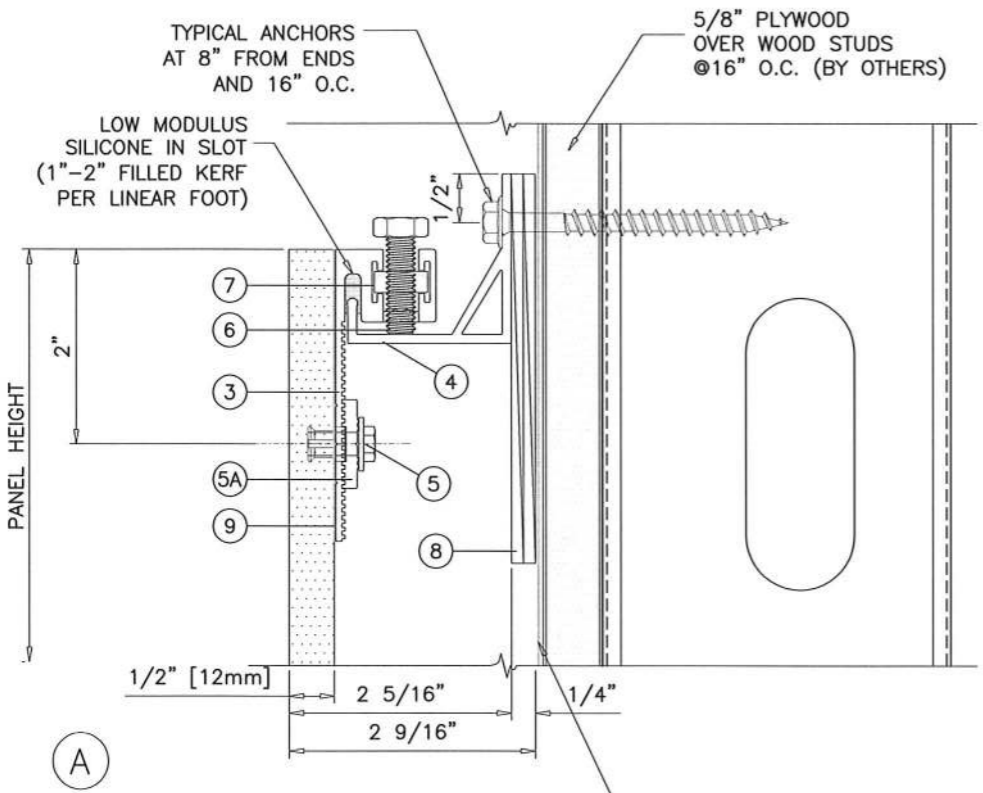


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**TYPICAL ANCHORS:**  
1/4" X 3" DRILL-FLEX SELF DRILLING FASTENERS BY 'ELCO'  
 (GRADE 5 CRS)  
 INTO METAL STUDS (14 GA. MIN.) (Fy = 36 KSI MIN.)  
 OR  
 INTO METAL STRUCTURES  
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 METAL STRUCT.: 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**  
 INTO METAL STRUCTURES = 3/4" MIN.



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drawing no.	18-110			
sheet	5 of 11			



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DEKTON ULTRA COMPACT PANEL FACADE SYSTEM (L.M.I.)

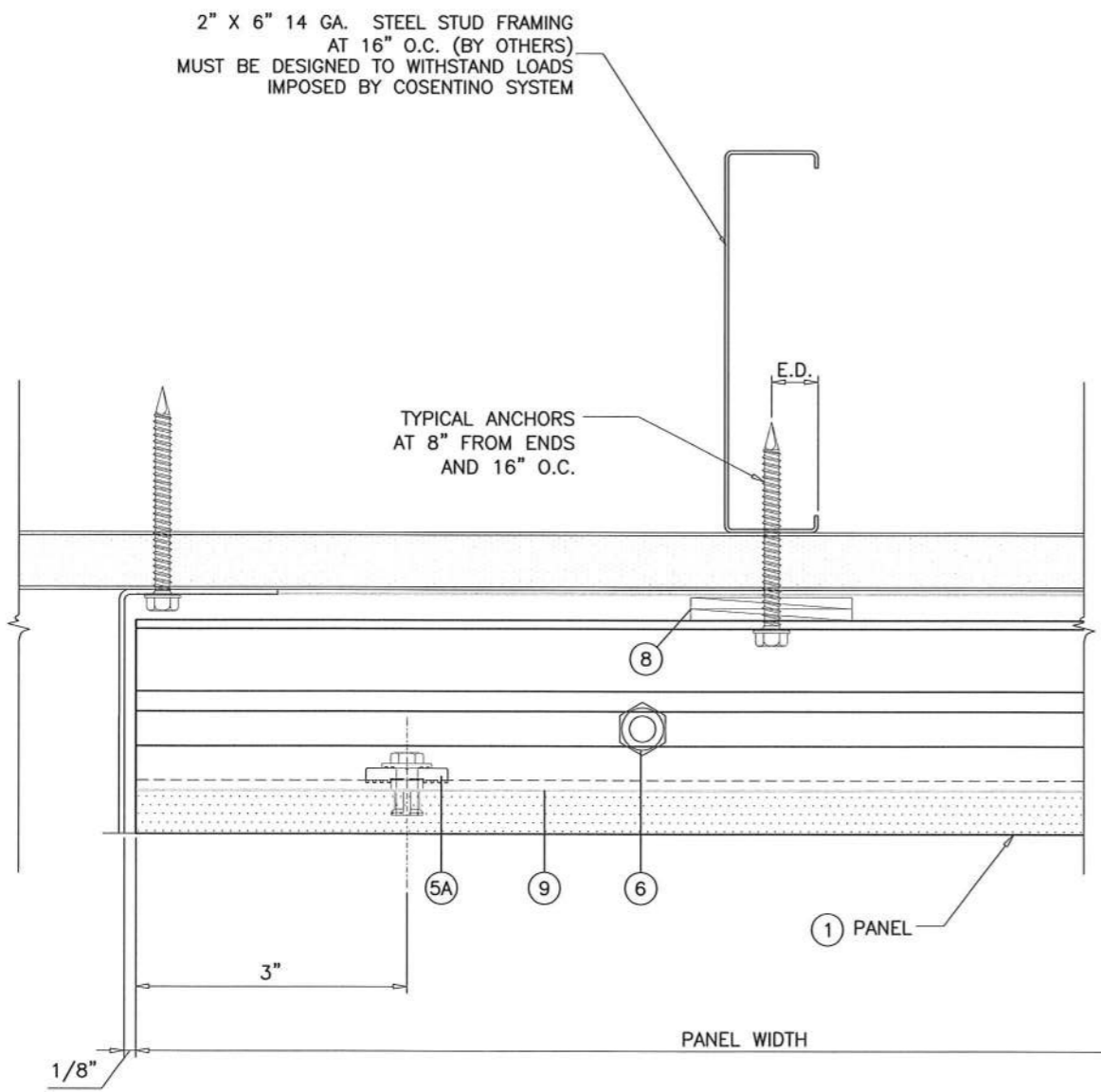
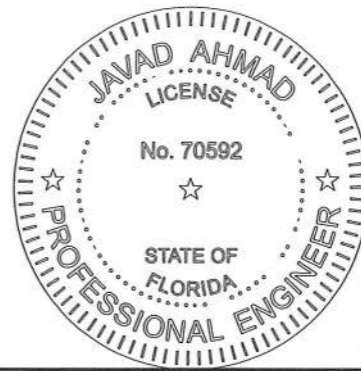
**COSENTINO NORTH AMERICA**  
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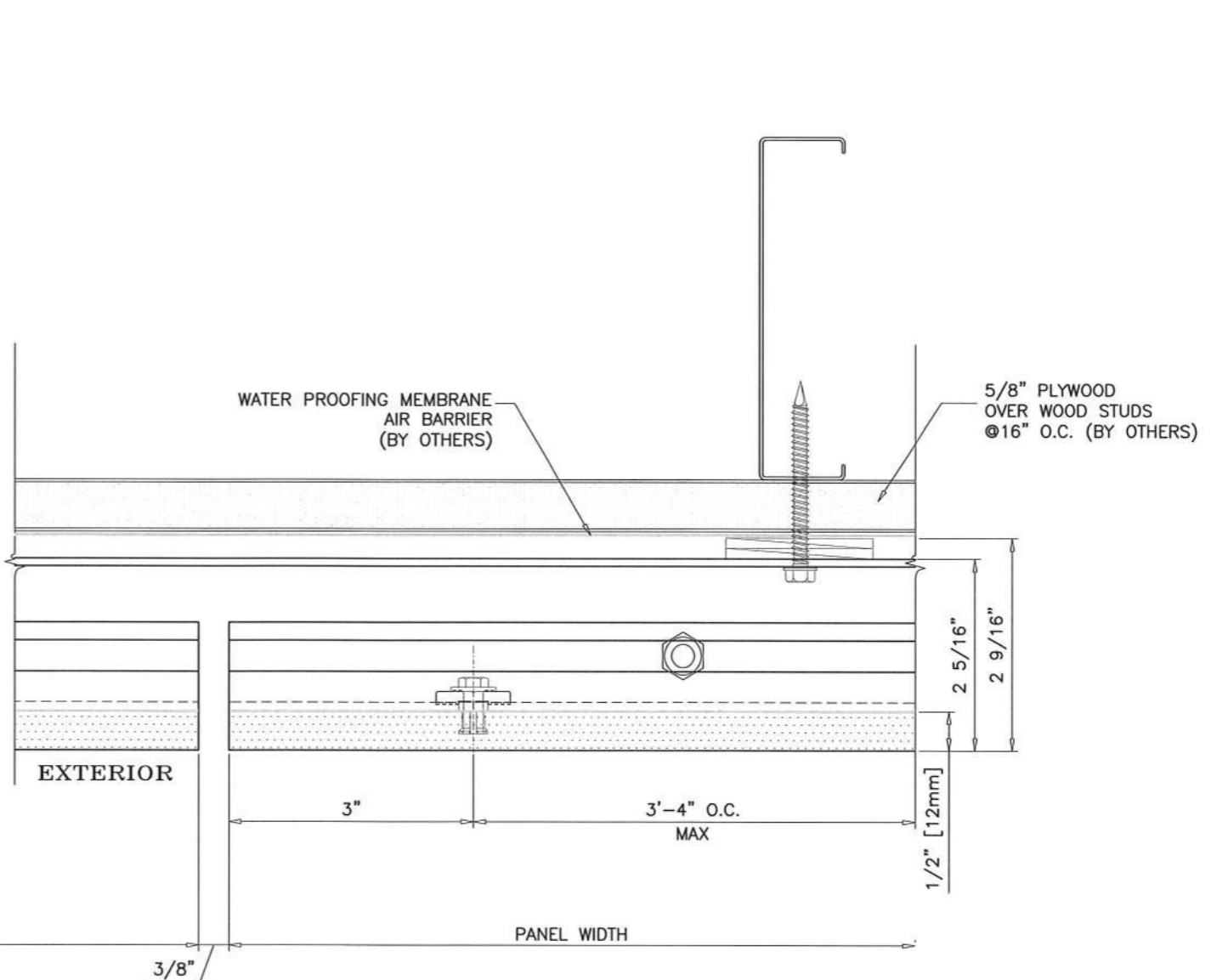
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drawing no.  
**18-110**

sheet 6 of 11

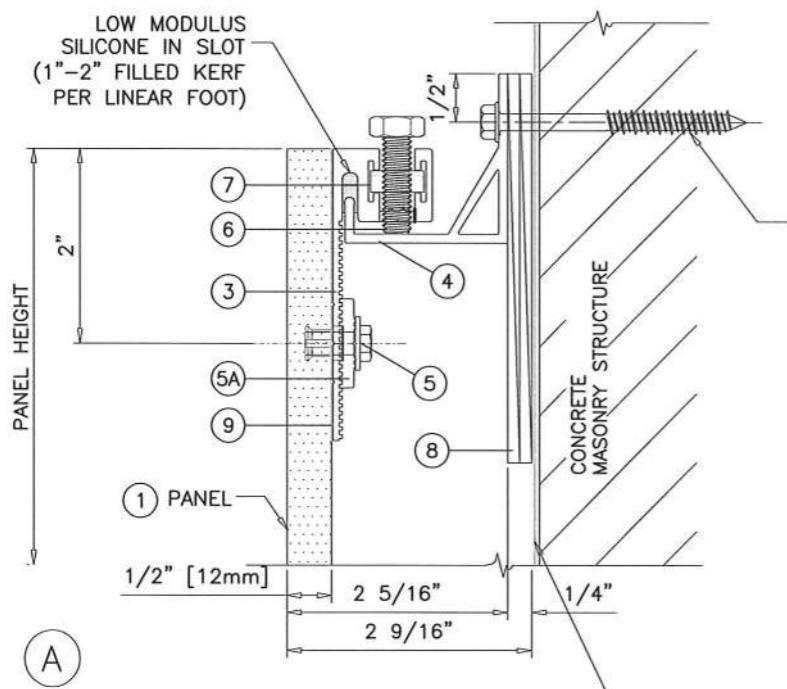


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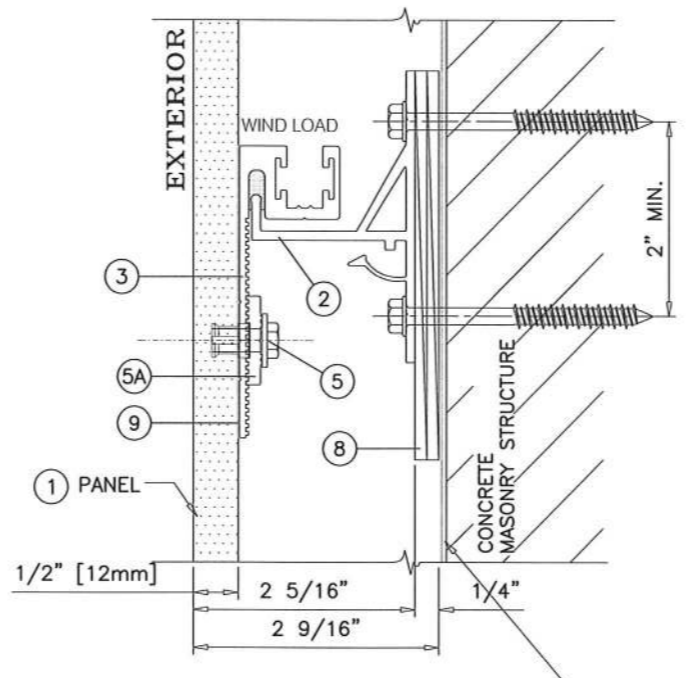


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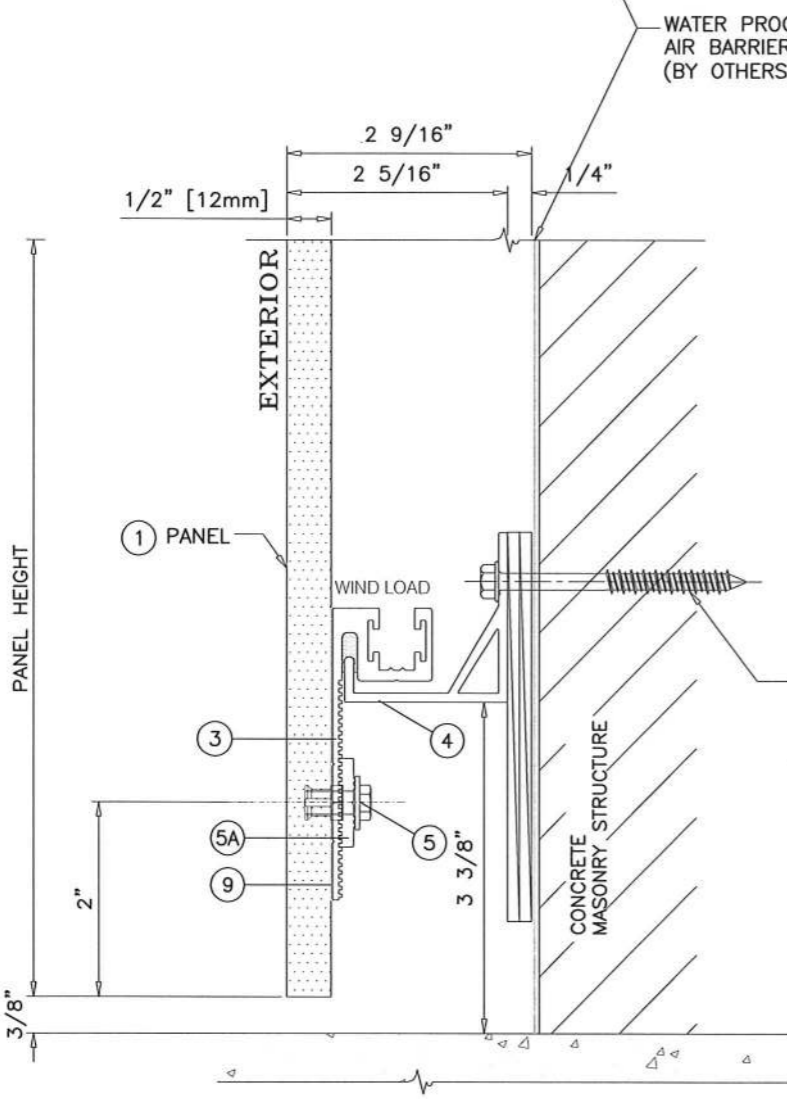
**CONCRETE:** TYPICAL ANCHORS AT 8" FROM ENDS AND 16" O.C.  
**BLOCK:** TYPICAL ANCHORS AT 4" FROM ENDS AND 8" O.C.



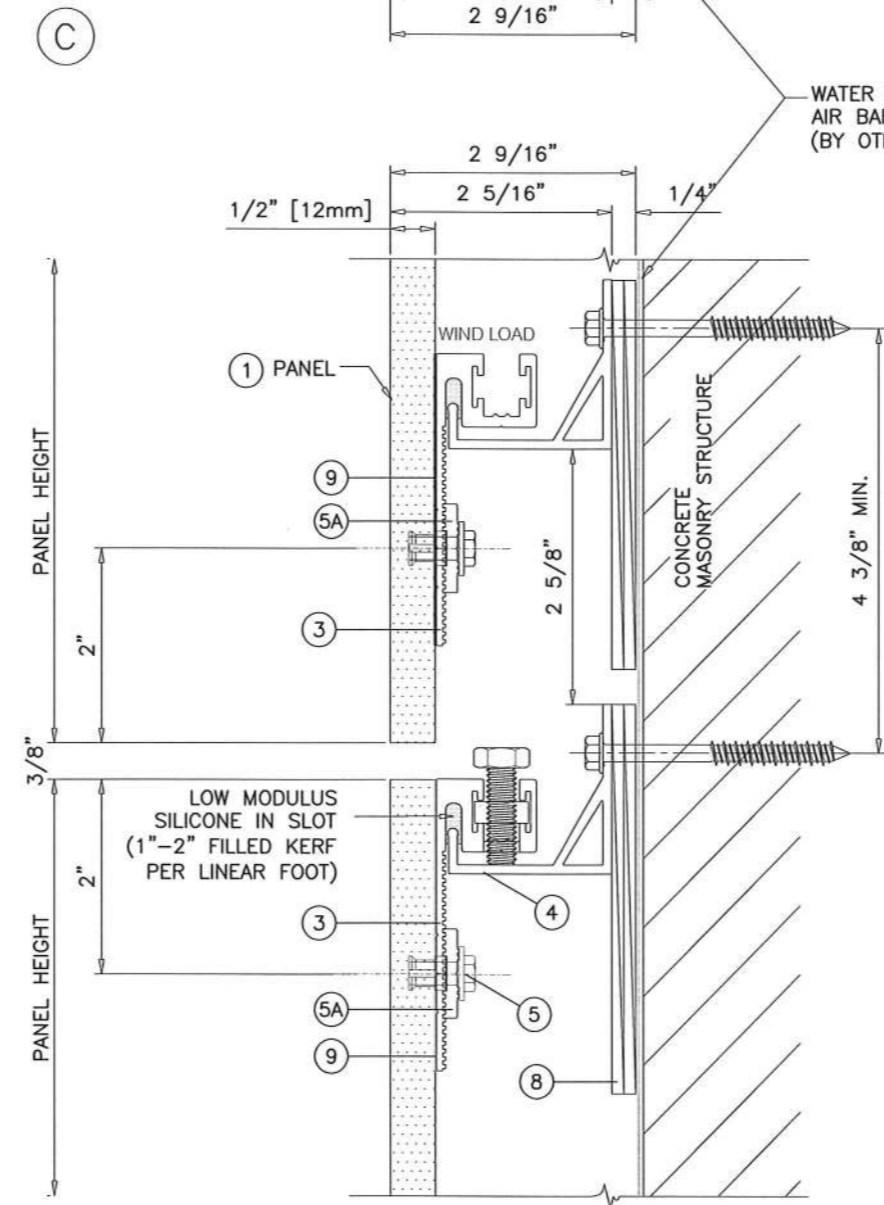
**TYPICAL ANCHORS:**  
 1/4" DIA. AGGRE-GATOR BY 'ELCO'  
 (Fu=96 KSI, Fy=57 KSI)  
 DIRECTLY INTO CONCRETE OR BLOCK  
 1-1/4" MIN. EMBED INTO CONCRETE  
 1-1/4" MIN. EMBED INTO BLOCK

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE = 2-1/2" MIN.  
 INTO BLOCK = 4" MIN.

CONCRETE f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.



**CONCRETE:** TYPICAL ANCHORS AT 8" FROM ENDS AND 16" O.C.  
**BLOCK:** TYPICAL ANCHORS AT 4" FROM ENDS AND 8" O.C.



WATER PROOFING MEMBRANE AIR BARRIER (BY OTHERS)



revisions:	
no	description
A	12.16.16 REV. PER COMMENTS
B	04.16.18 NO CHANGE THIS SHEET

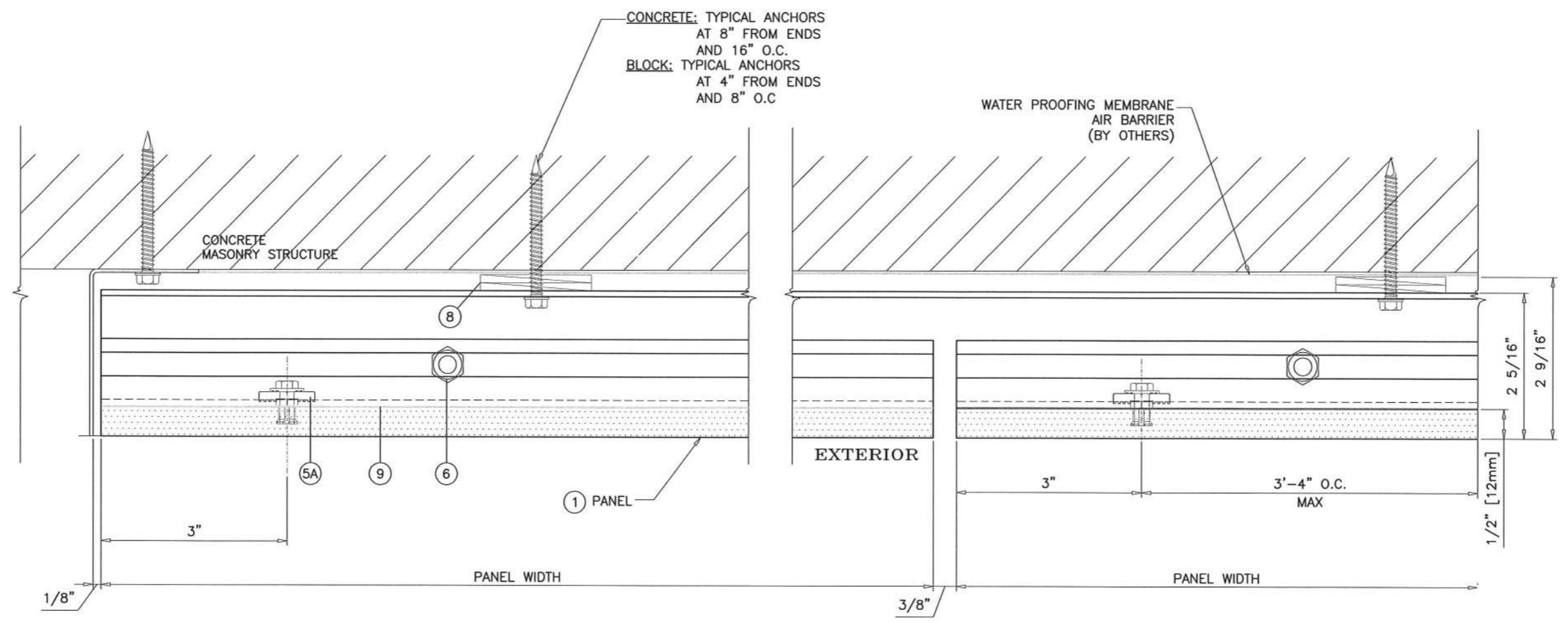
  

date: 09-19-18	scale: 1/2" = 1"	drawing no. 18-110
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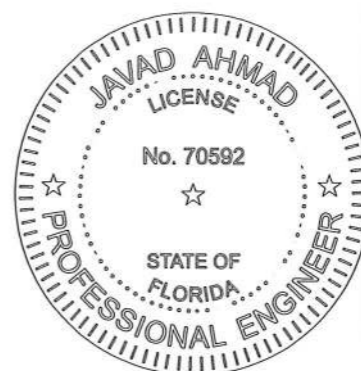
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revisions:	no	date	by	description

date: 08-19-18  
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 chk. by:



drawing no.  
**18-110**  
 sheet 8 of 11





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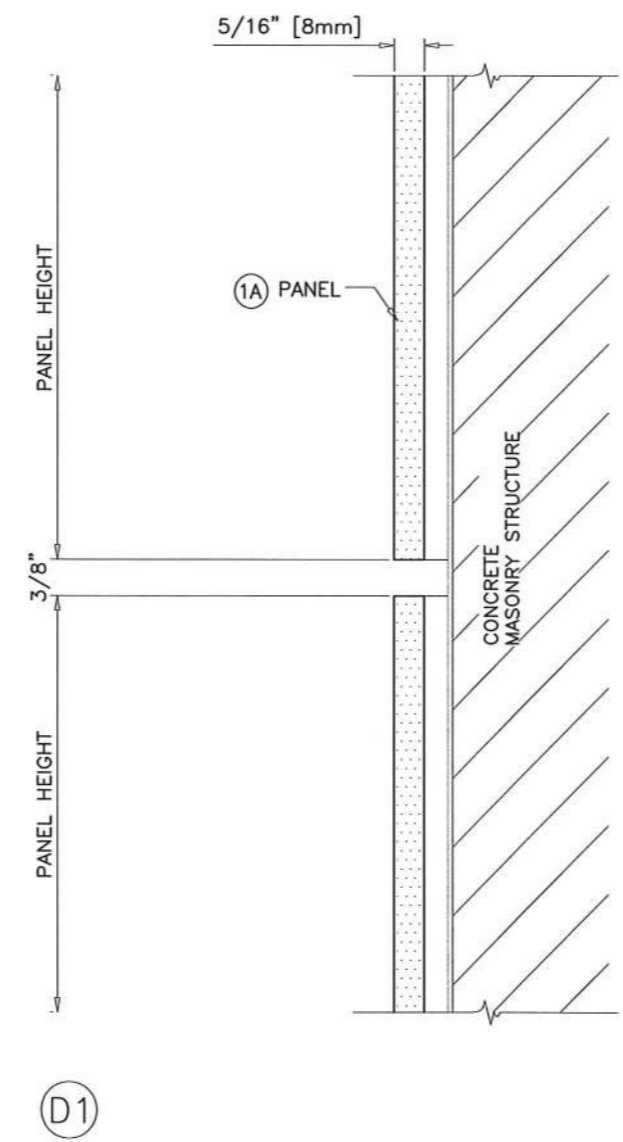
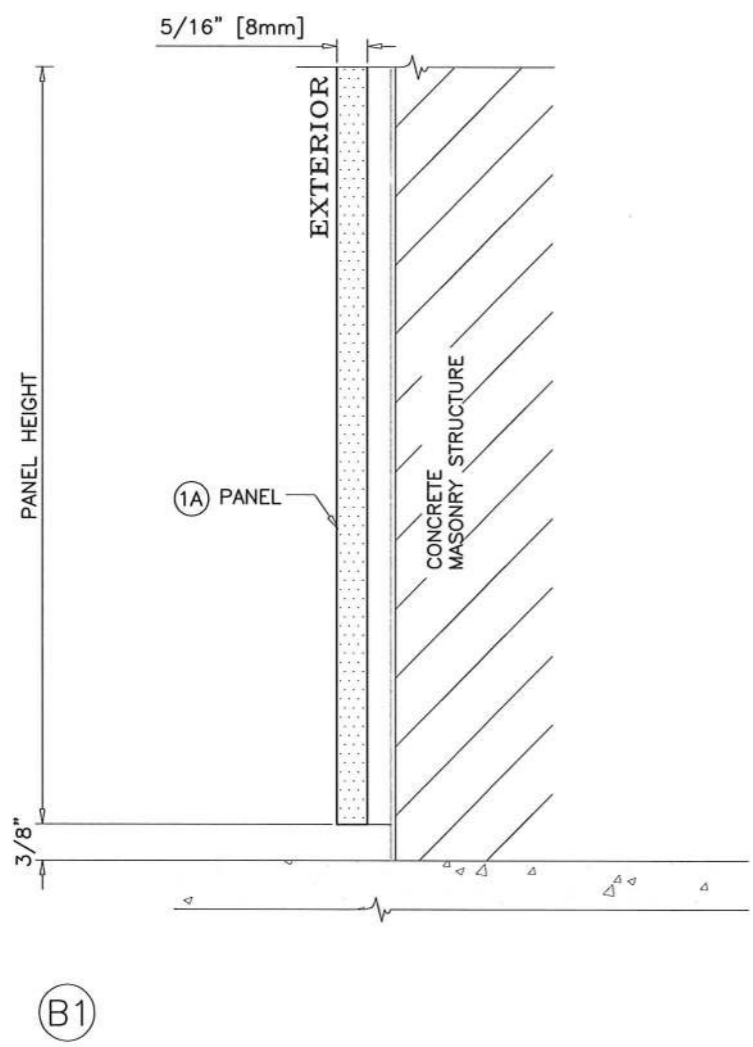
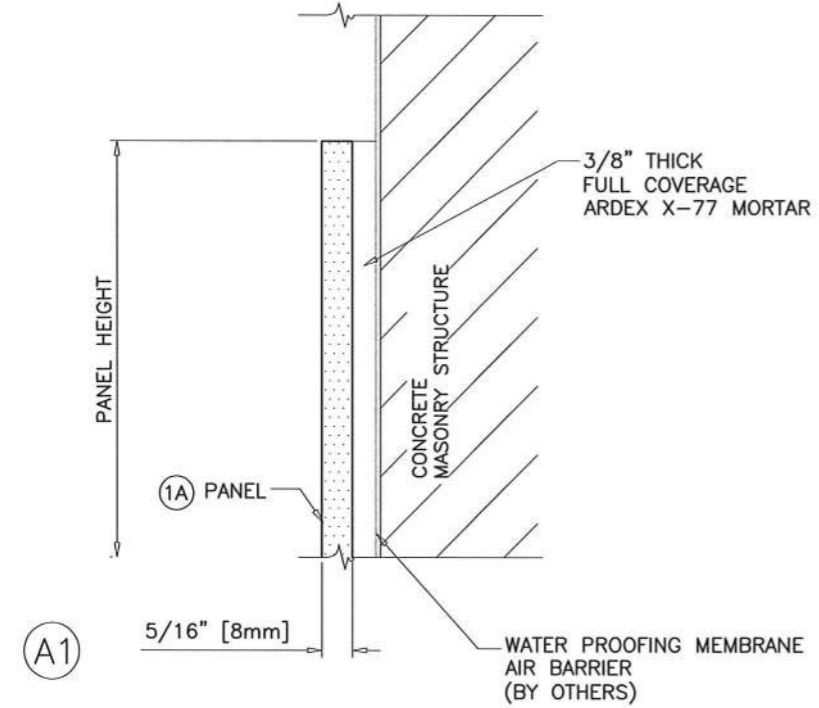
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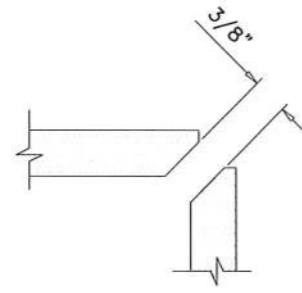
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B	04.16.18		NO CHANGE THIS SHEET

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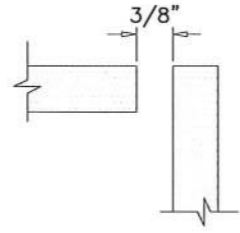
drawing no.  
**18-110**  
 sheet 9 of 11



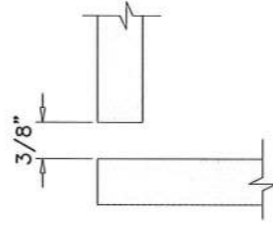
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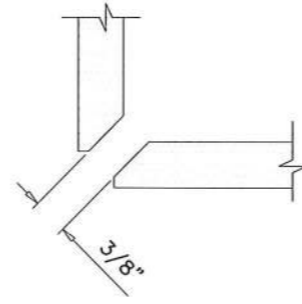
90° INSIDE CORNER



90° INSIDE CORNER

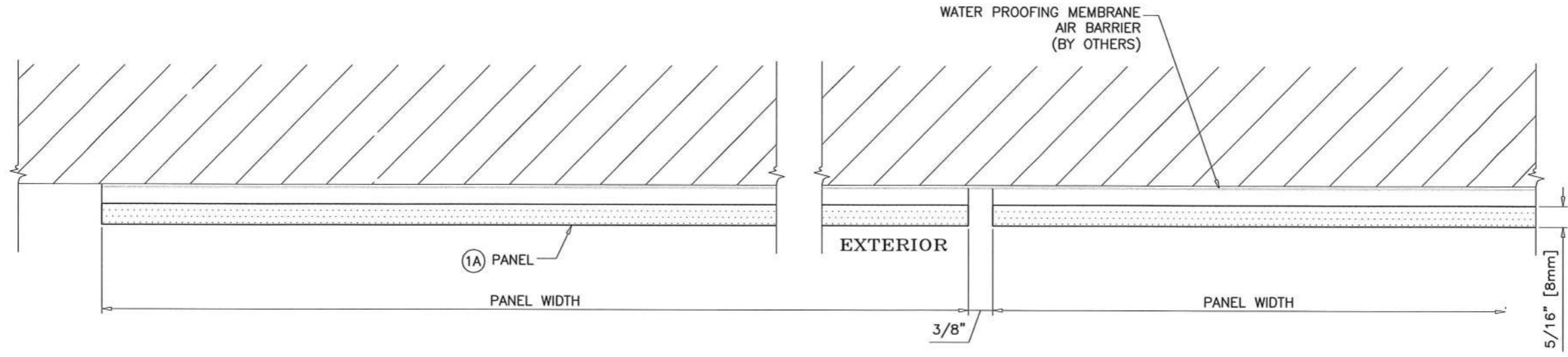


90° OUTSIDE CORNER



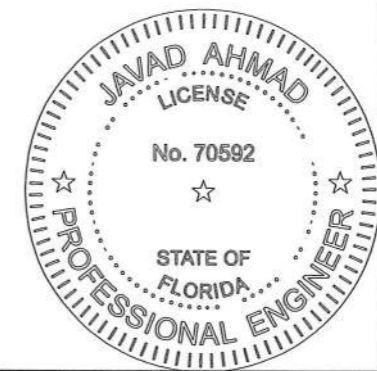
90° OUTSIDE CORNER

ILLUSTRATIVE SAMPLES SHOWN ABOVE, ANGLES MAY VARY



(E1)

(F1)



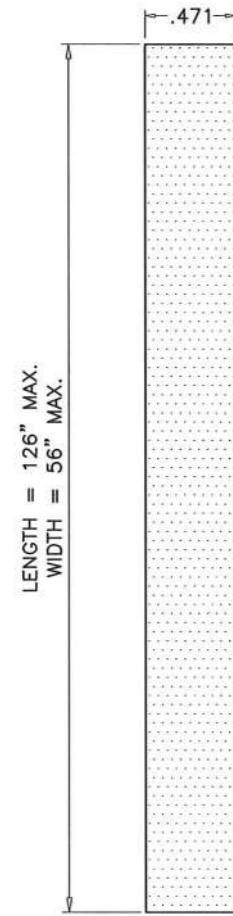
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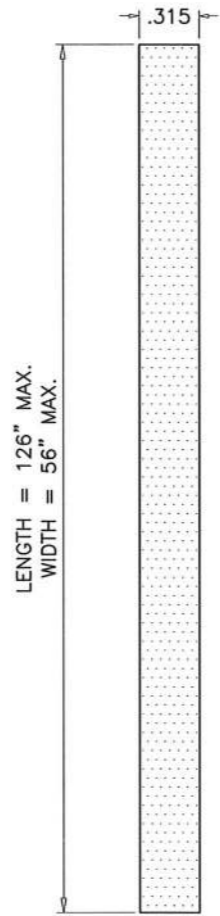
sheet 10 of 11



COSENTINO®

DEKTON ULTRACOMPACT PANEL  
COMPOSED OF SILICOALUMINATES,  
AMORPHOUS SILICA,  
CRYSTALLINE SILICA (<11%)  
ZIRCON AND INORGANIC PIGMENTS

1 COMPOSITE PANEL  
SCALE 1:1

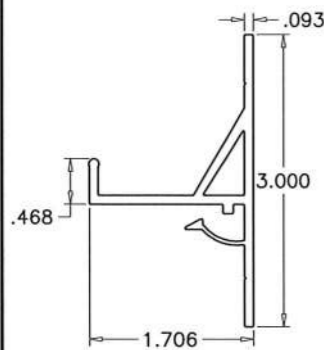


COSENTINO®

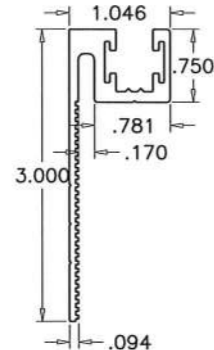
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COMPOSED OF SILICOALUMINATES,  
AMORPHOUS SILICA,  
CRYSTALLINE SILICA (<11%)  
ZIRCON AND INORGANIC PIGMENTS

1A COMPOSITE PANEL  
SCALE 1:1

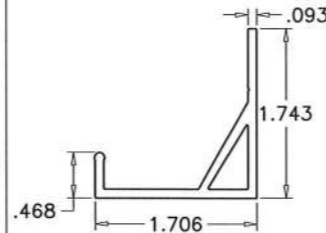
ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	1.2 cm DEKTON ULTRACOMPACT PANEL	COMPOSITE	WEIGHT = APPROXIMATELY 6 Lbs/Sq. Ft.
1A	-	AS REQD.	8 mm DEKTON ULTRACOMPACT PANEL	COMPOSITE	WEIGHT = APPROXIMATELY 4 Lbs/Sq. Ft.
2	002	AS REQD.	GRIDWORX INTERMEDIATE ANCHOR	6005-T5	CLEAR ANODIZED
3	F301	AS REQD.	GRIDWORX ULTRA ANCHOR (CONTINUOUS)	6005-T5	CLEAR ANODIZED
4	001	AS REQD.	GRIDWORX STARTER J ANCHOR (CONTINUOUS)	6005-T5	CLEAR ANODIZED
5	555 020 830	AS REQD.	UNDERCUT ANCHOR	ST. STEEL	
5A	-	AS REQD.	GRIDWORX ULTRA LOCKING PLATE	6005-T5	CLEAR ANODIZED
6	-	AS REQD.	GRIDWORX 5/16" 18-8 PITCH ADJUSTMENT BOLT	ST. STEEL	BLACK FINISH
7	-	AS REQD.	GRIDWORX 5/16"-18 THREAD PITCH ADJUSTMENT NUT	ST. STEEL	-
8	C100, C101, C102	AS REQD.	FULL BEARING PLASTIC SHIM	HI-IMPACT PLASTIC	-
9	-	AS REQD.	HIGH STRENGTH, FAST CURE STP ADHESIVE/SEALANT	STP	80%-100% COVERAGE ON ULTRA ANCHOR



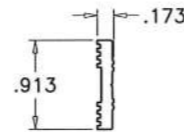
2 INTERMEDIATE ANCHOR



3 ULTRA ANCHOR



4 STARTER J ANCHOR



5A ULTRA LOCKING PLATE



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sheet 11 of 11

**af c**  
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