

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

PORCELAIN PANEL, BY PORCELANOSA GRUPO
RAINSCREEN VENTILATED FACADE SYSTEM

PORCELAIN PANELS ANCHORED TO SHEAR WALLS AS
EXTERIOR CLADDING.

APPROVAL APPLIES TO MULTIPLE UNIT INSTALLATIONS

MAX. DESIGN LOAD = + 62 PSF
- 62 PSF

MIN. PANEL THICKNESS = 7/16 IN.
MAX. PANEL SIZE= 23-7/16\" HIGH X 47-1/4\" WIDE

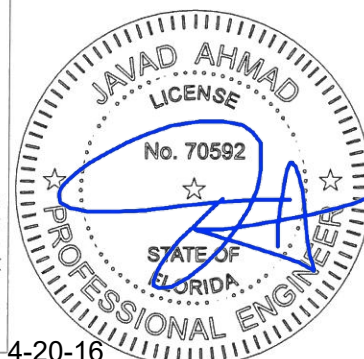
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE.

- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- B- 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.
- C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- D- 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.
- E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



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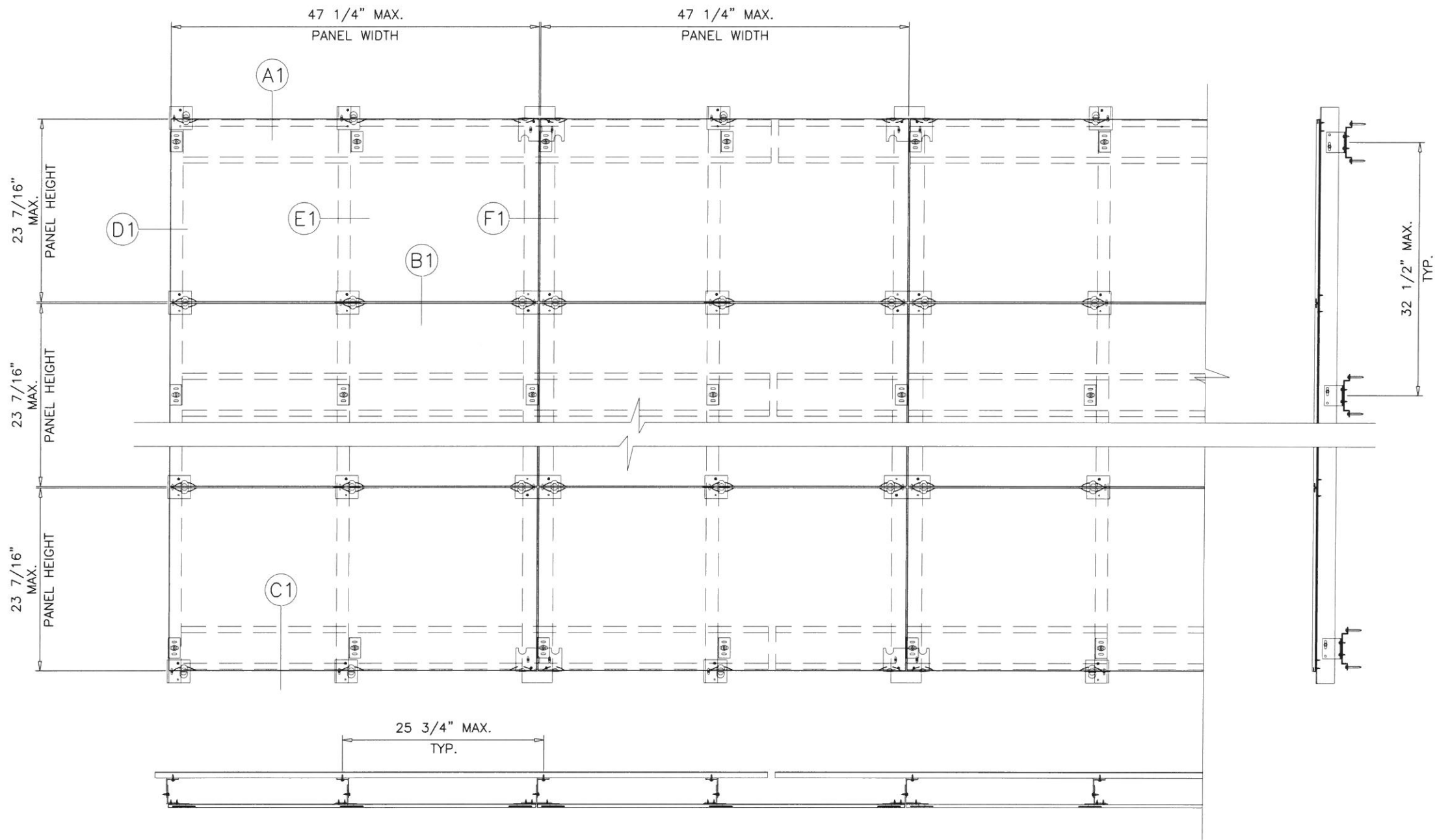
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

RAINSCREEN VENTILATED FACADE SYSTEM

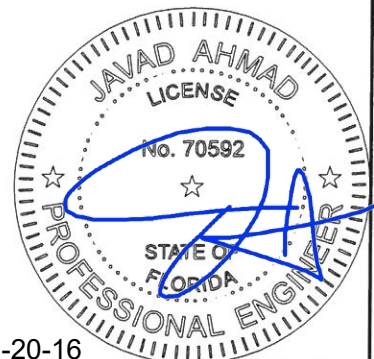
PORCELANOSA USA
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revisions:		by description	
no	date		

date: 03-28-16	scale: 3/4"=1'-0"	dr. by: TARIQ	chk. by:
drawing no. 16-03		sheet 1 of 7	



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



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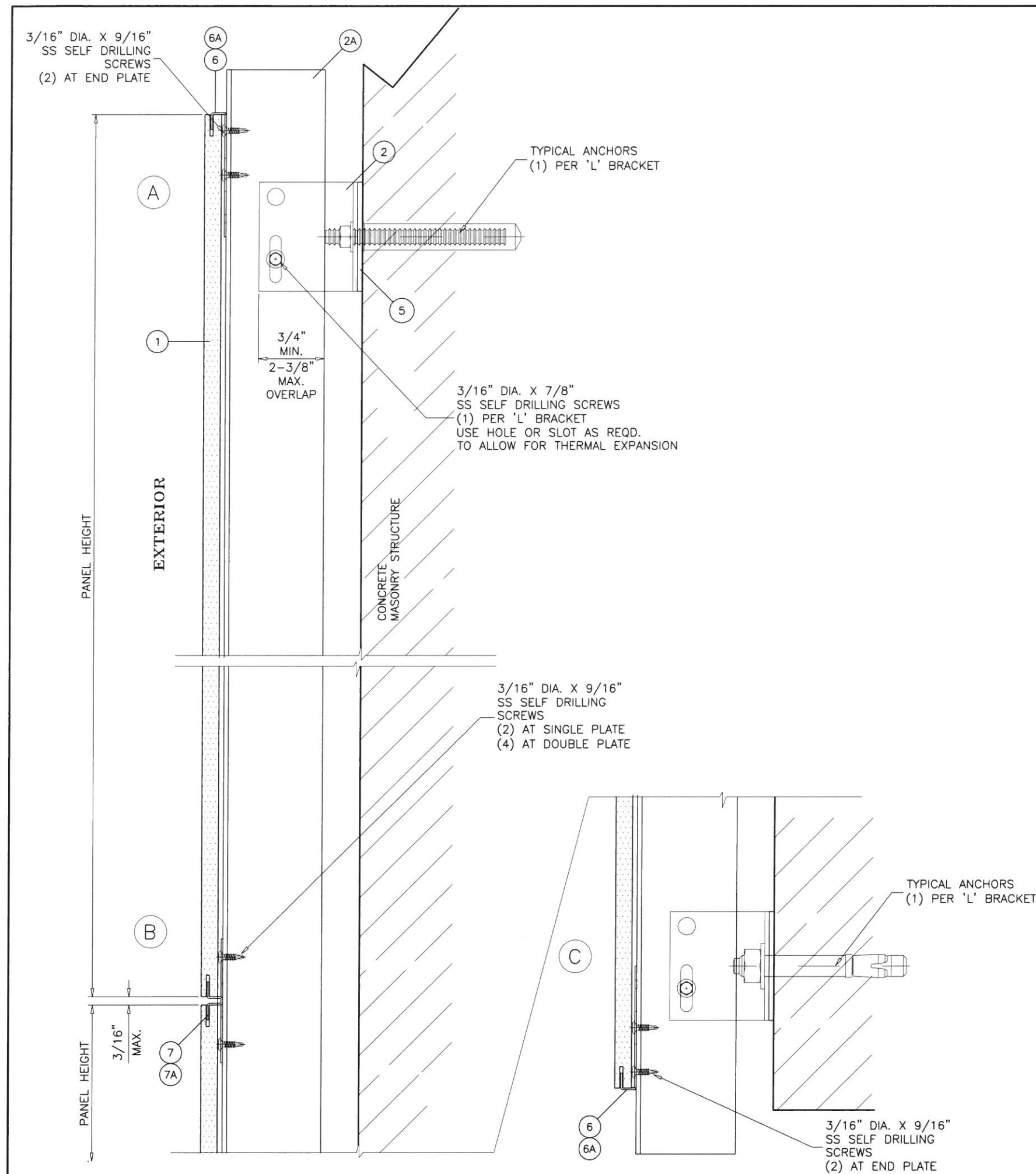
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sheet 2 of 7



INSTALLATIONS AT MASONRY/CONC STRUCTURES

TYPICAL ANCHORS:

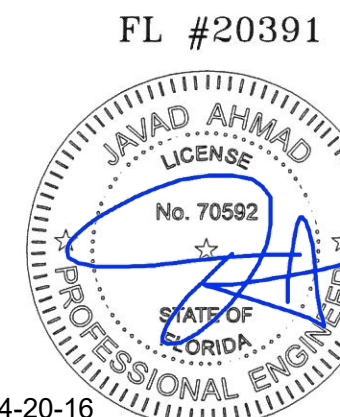
ANCHOR 'A'

DIRECTLY INTO CONCRETE
1/2" DIA. KWIK BOLT-3 EXPANSION ANCHOR
WITH 2-1/2" MIN. EMBED
3" MIN. EDGE DIST.

ANCHOR 'B'

DIRECTLY INTO CONC. OR MASONRY
HILTI HIT-MM PLUS CHEMICAL ANCHOR
WITH HIT SC M16-85 SLEEVE
HIT-V M10X95 THREADED ROD
(Fu = 60,000 PSI & Fy = 37,500 PSI)
SAE J995 GRADE 5 NUT
AND ANSI B18.22.1 TYPE A PLAIN WASHER

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



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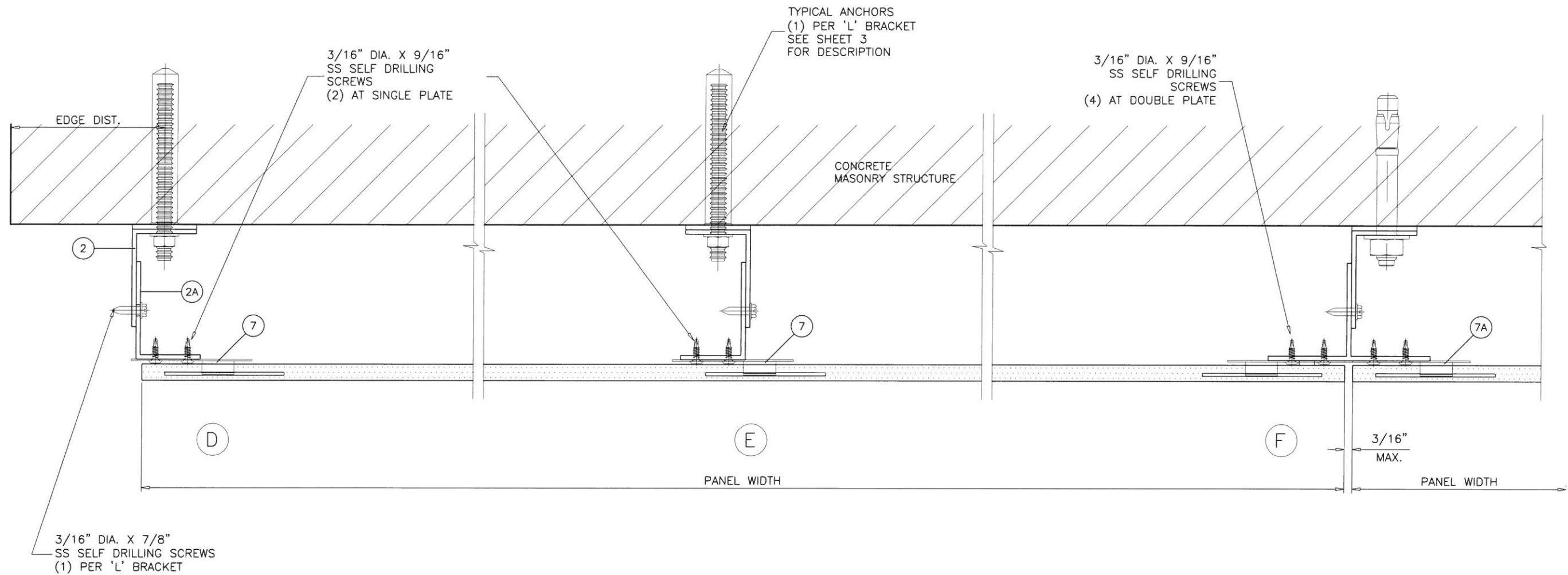
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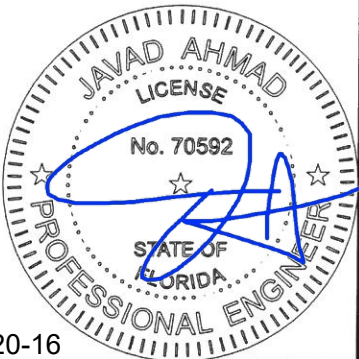
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sheet 3 of 7

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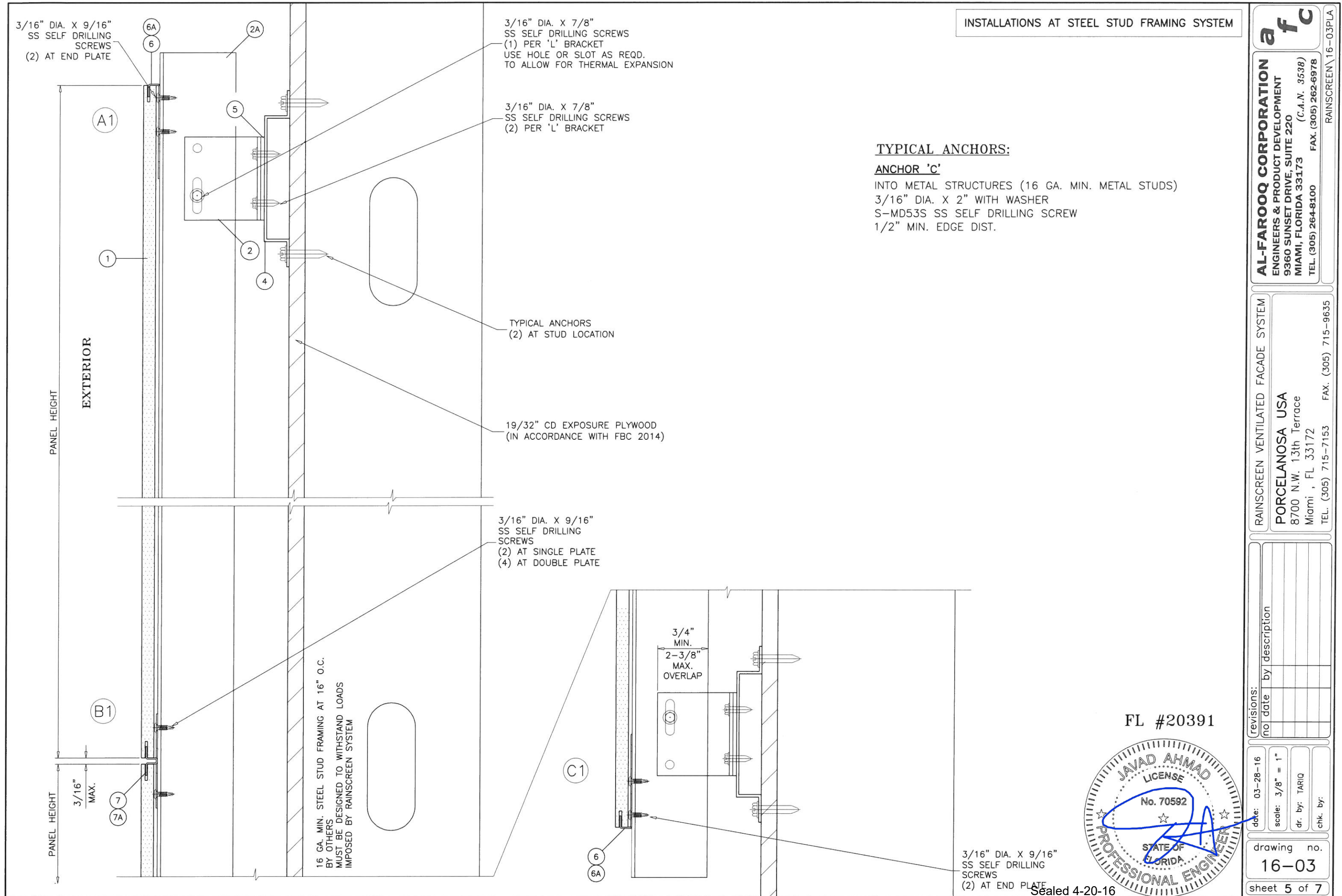
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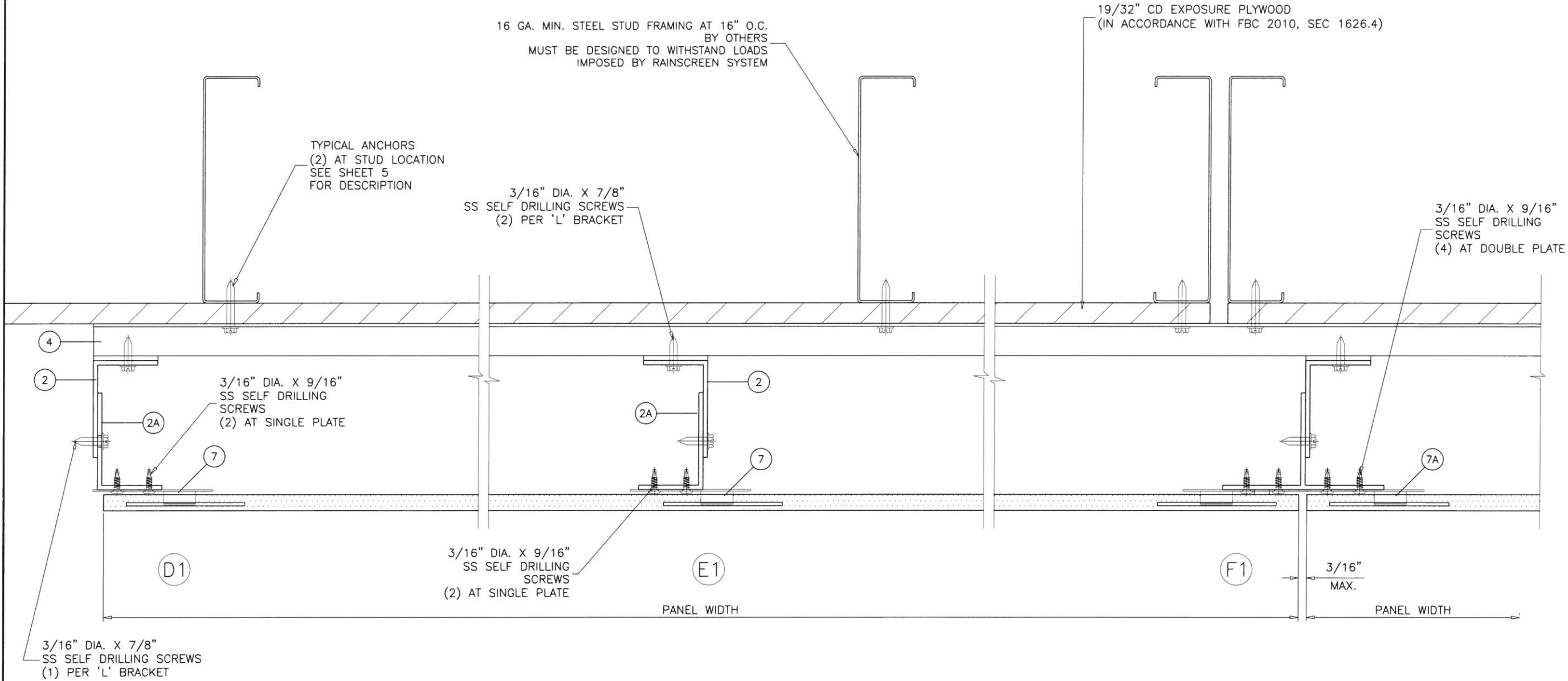
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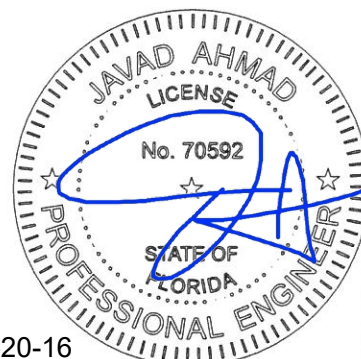
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INSTALLATIONS AT STEEL STUD FRAMING SYSTEM



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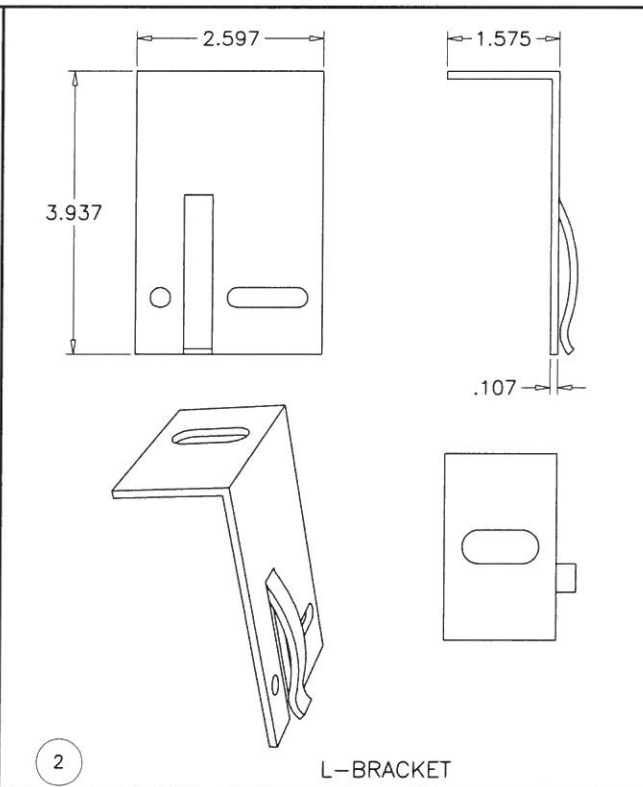
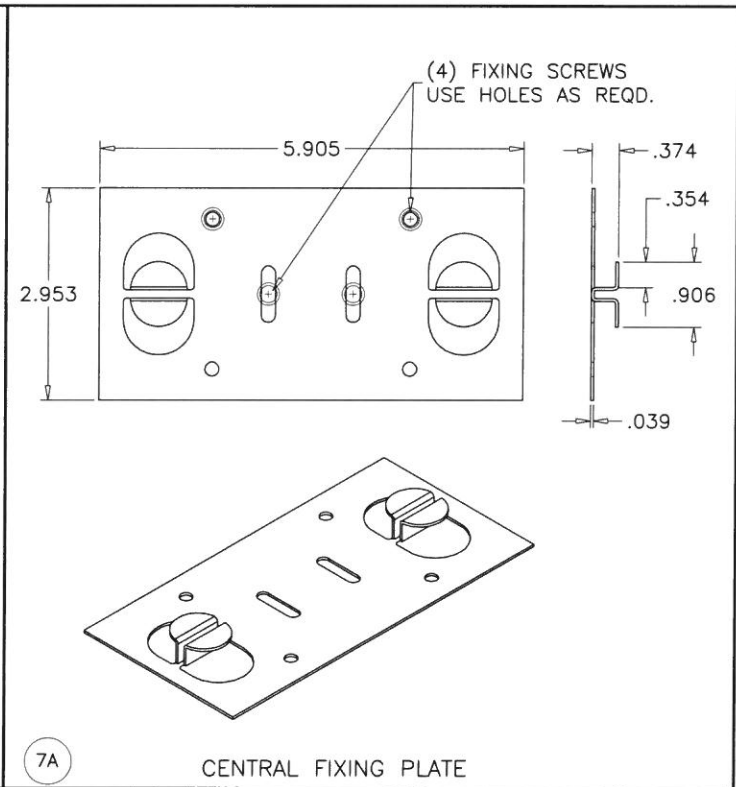
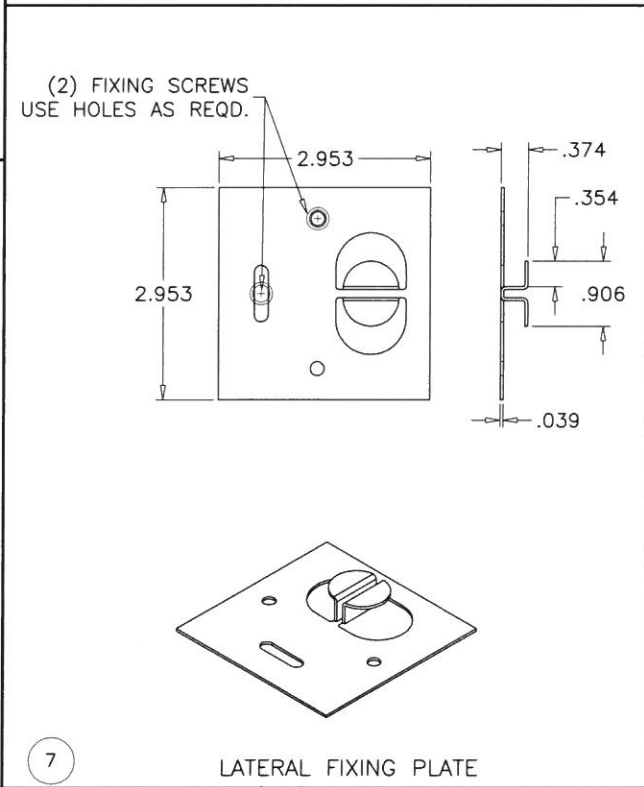
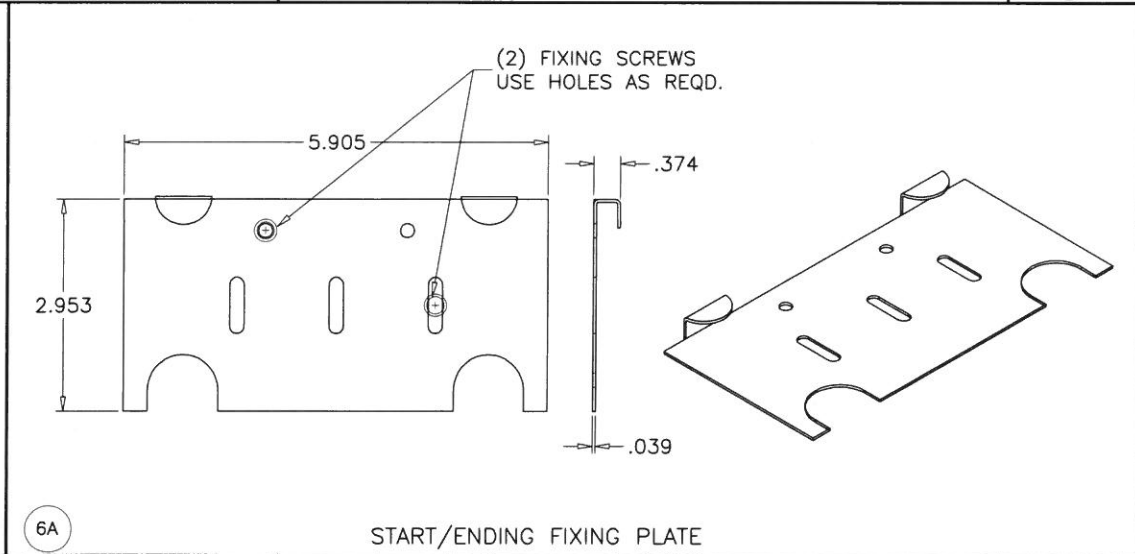
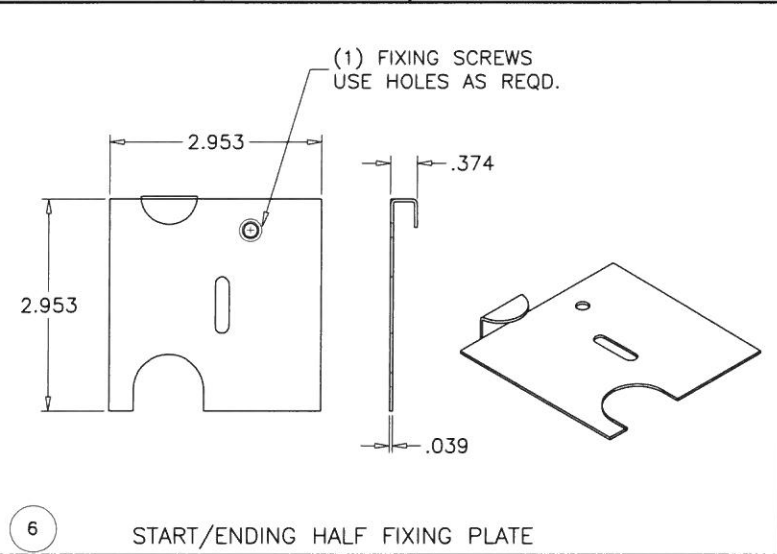
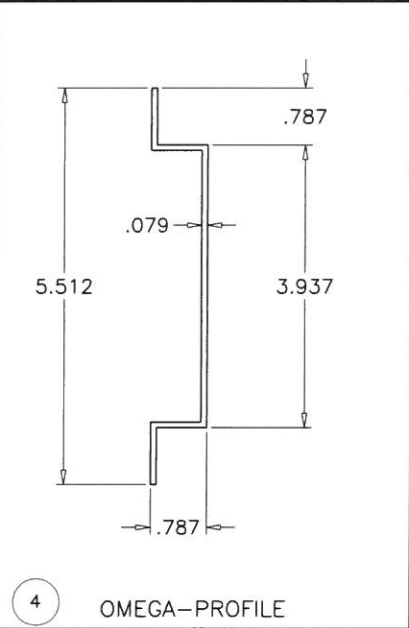
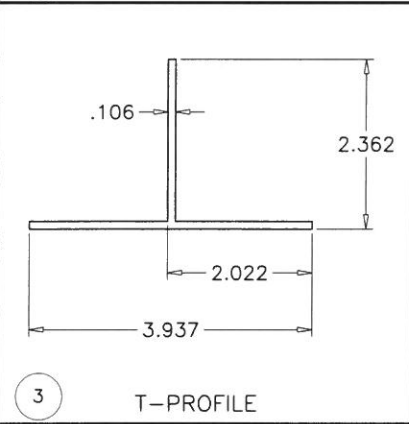
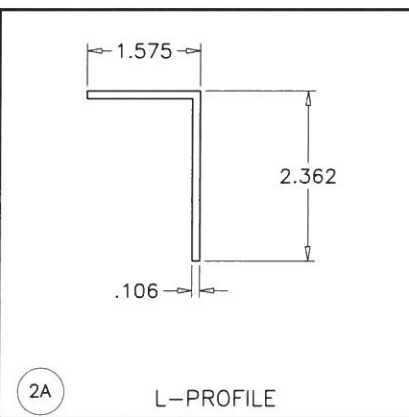
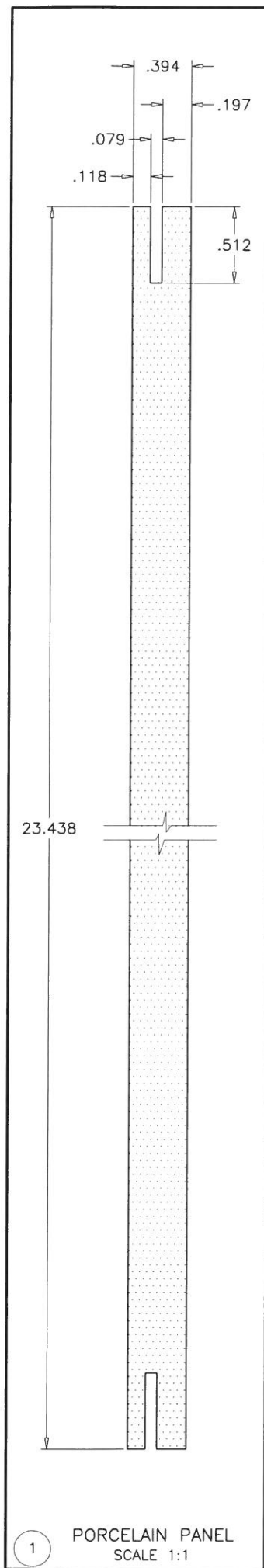
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16-03	6 of 7



ITEM NO.	WEIGHT	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	5 Lbs/Sq. Ft.	AS REQD.	MOLDED PANEL WITH SYNTHETIC FIBER MESH AT BACK	PORCELAIN	-
2	-	AS REQD.	L-BRACKET	6005A-T6	-
2A	-	AS REQD.	L-PROFILE	6063-T6	-
3	-	AS REQD.	T-PROFILE	6063-T6	-
4	-	AS REQD.	OMEGA-PROFILE	6063-T6	-
5	-	AS REQD.	SINGLE/DOUBLE THERMAL ISOLATOR	PLASTIC	-
6	-	AS REQD.	START/ENDING HALF FIXING PLATE	ST. STEEL	-
6A	-	AS REQD.	START/ENDING FIXING PLATE	ST. STEEL	-
7	-	AS REQD.	LATERAL FIXING PLATE	ST. STEEL	-
7A	-	AS REQD.	CENTRAL FIXING PLATE	ST. STEEL	-

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JAVAD AHMAD
LICENSE
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PROFESSIONAL ENGINEER

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