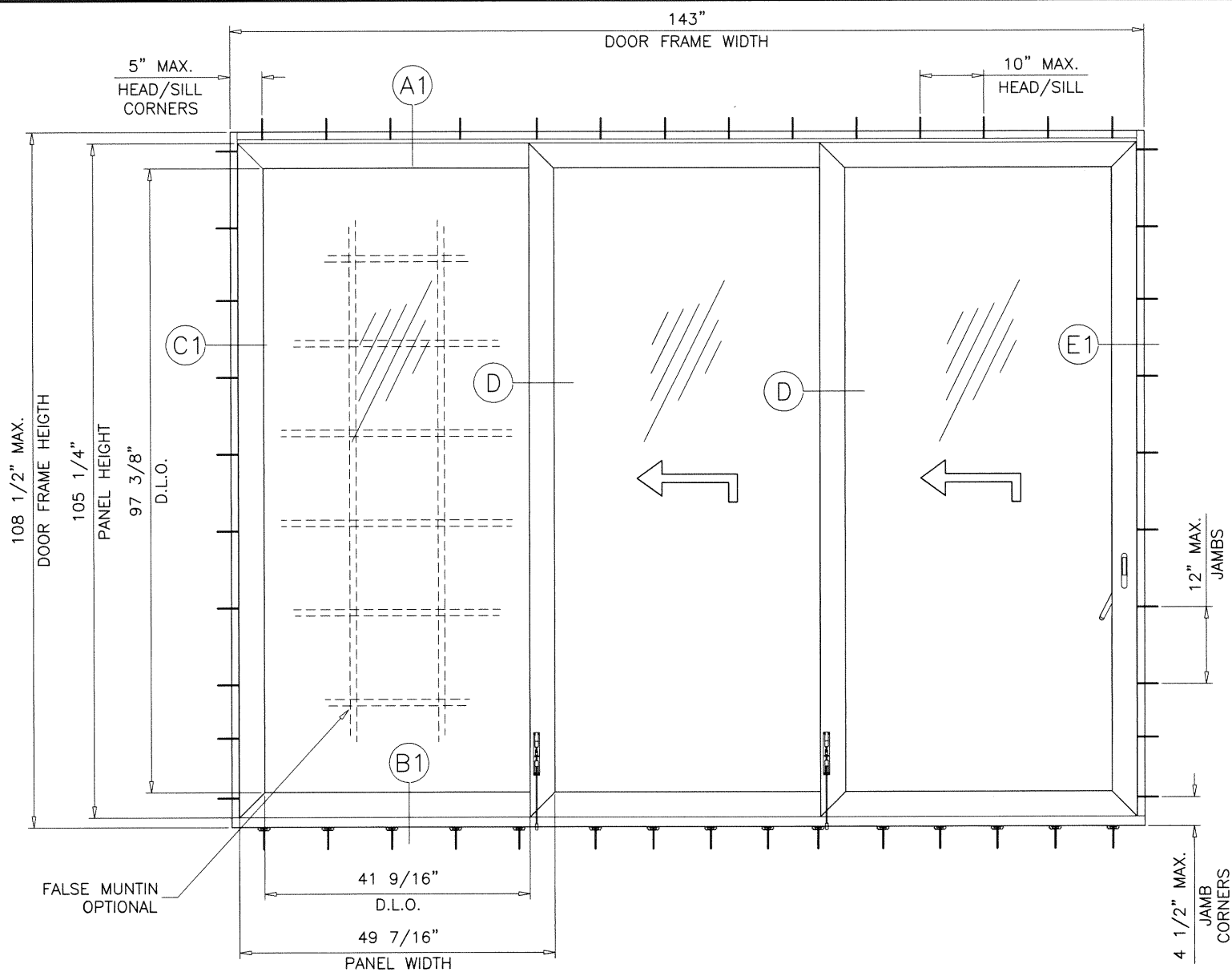
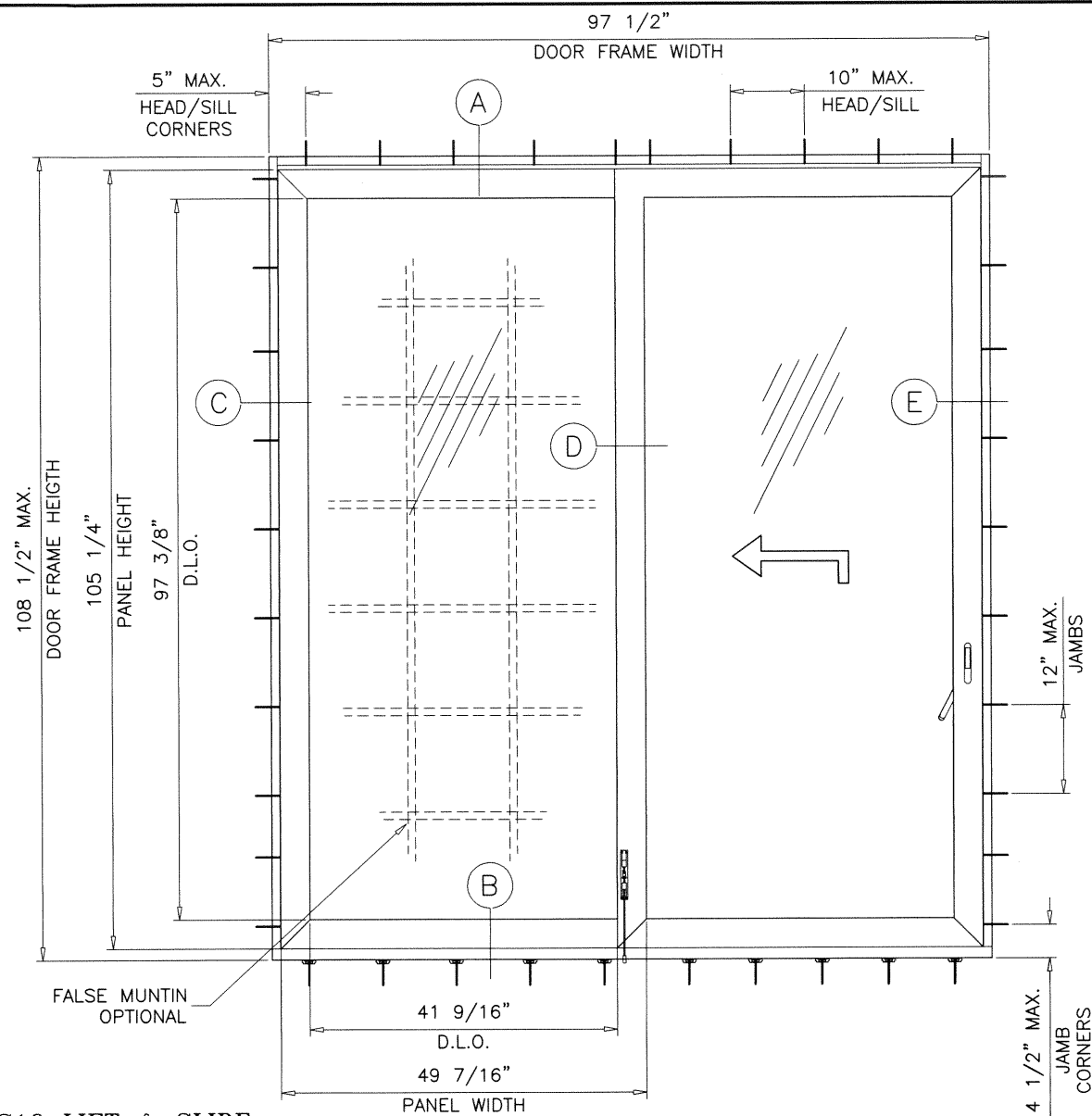




TYPICAL ELEVATIONS

**S10 LIFT & SLIDE
ALUMINUM SLIDING GLASS DOOR (L.M.I.)**

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHARTS SHOWN ON SHEET 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

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.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 2017/2020 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)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

DAYLITE OPENINGS WIDTHS:
PANEL WIDTH - 7.875"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 7.875"

PANEL HEIGHT = DOOR FRAME HEIGHT - 3.250"

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

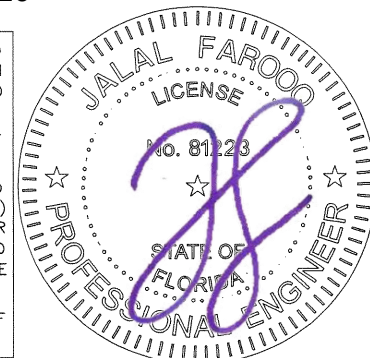
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A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

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.



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S10 LIFT & SLIDE ALUM SLIDING GL. DOOR (L.M.I.)

Panda Windows & Doors, LLC
3415 Bellington Road
N. Las Vegas, NV 89030
Phone: (702) 643-5700 Fax: (702) 643-5715

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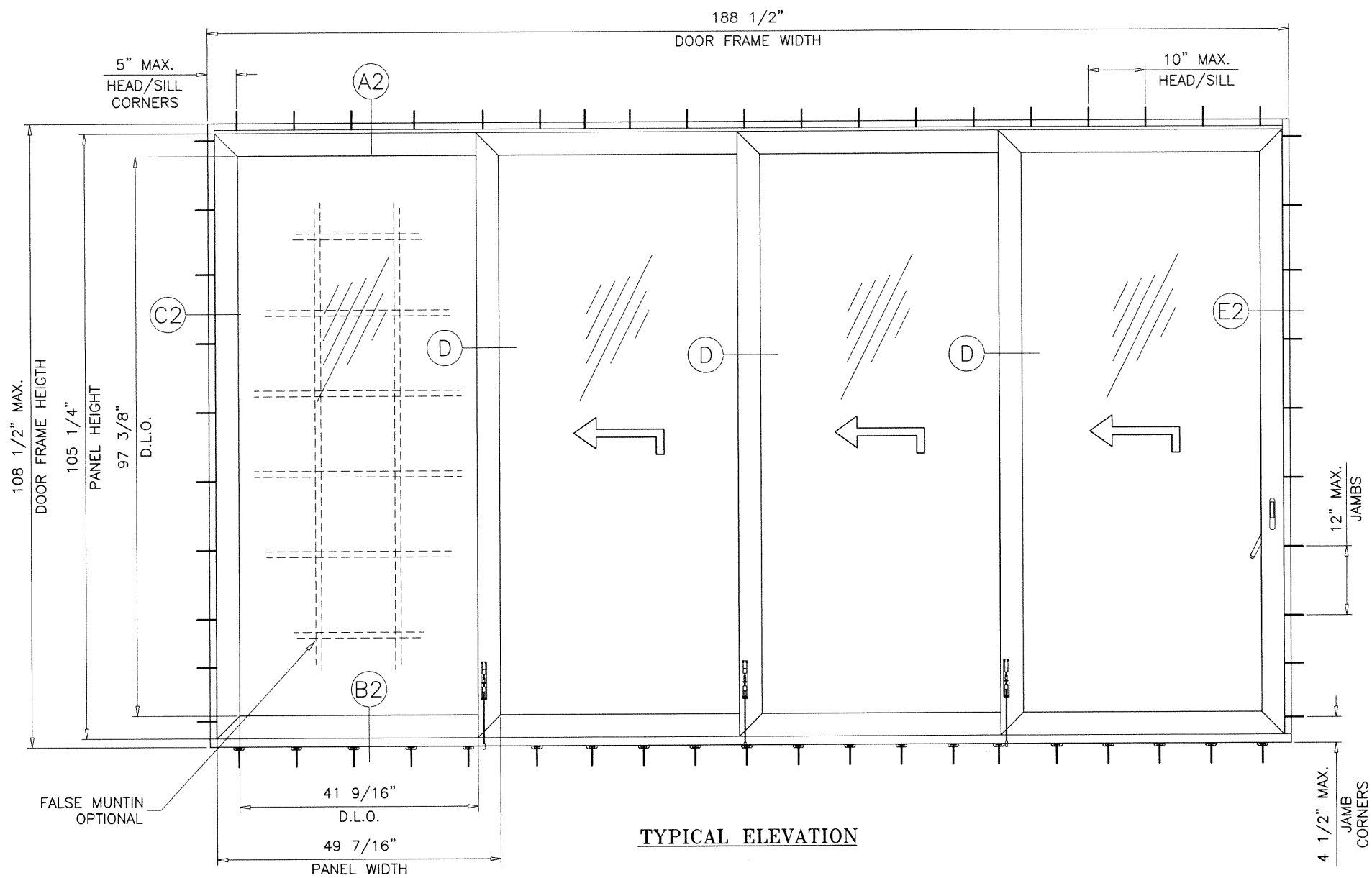
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chk. by:

drawing no.
18-112F

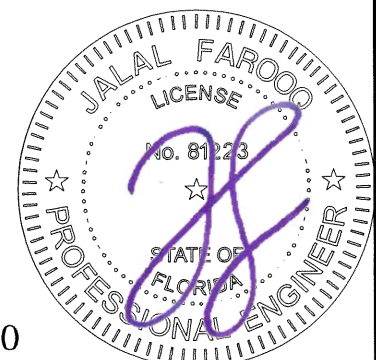
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18-112F



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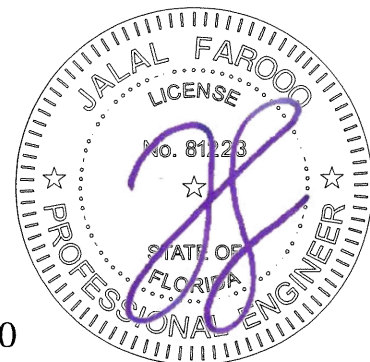
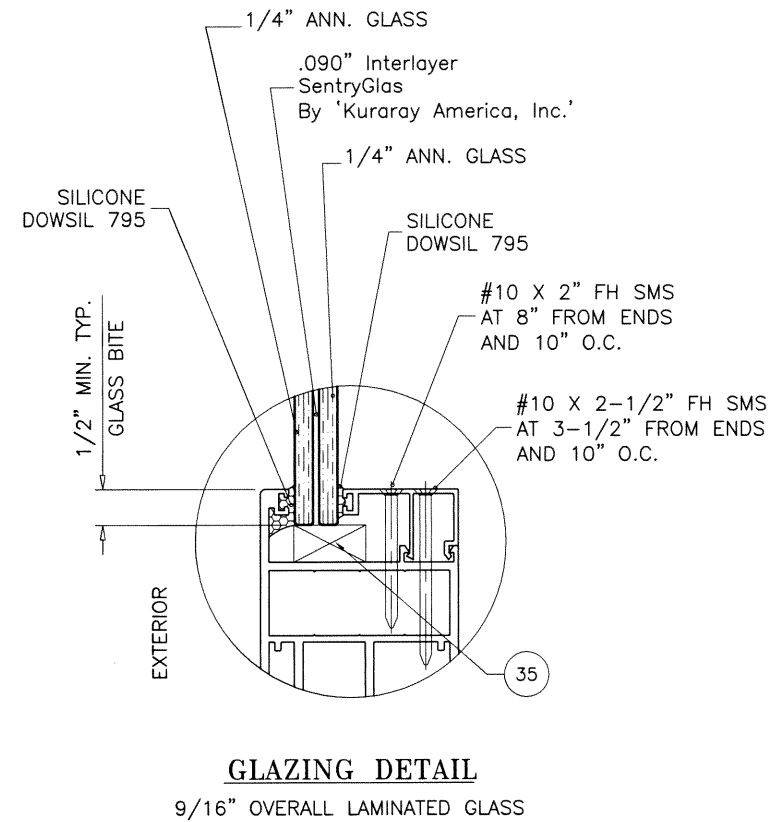
sheet 2 of 14

DOOR DESIGN LOAD CAPACITY - PSF			
AVERAGE PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	9/16" LAM. GLASS	
		EXT.(+)	INT.(-)
30	78	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
54		60.0	60.0
60		56.0	56.0
66		50.9	50.9
30	86-1/2	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
54		60.0	60.0
30	90	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
54		60.0	60.0
30	96	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
54		60.0	60.0
30	98-1/2	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
30	102	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0
30	108	60.0	60.0
36		60.0	60.0
42		60.0	60.0
48		60.0	60.0

AVERAGE PANEL WIDTH = $\frac{\text{DOOR FRAME WIDTH}}{\text{NUMBER OF PANELS}}$

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY
EGRESS REQUIREMENTS PER FBC AS REQUIRED.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



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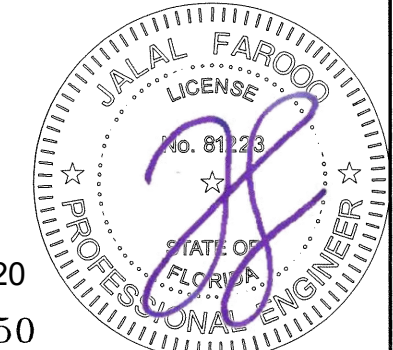
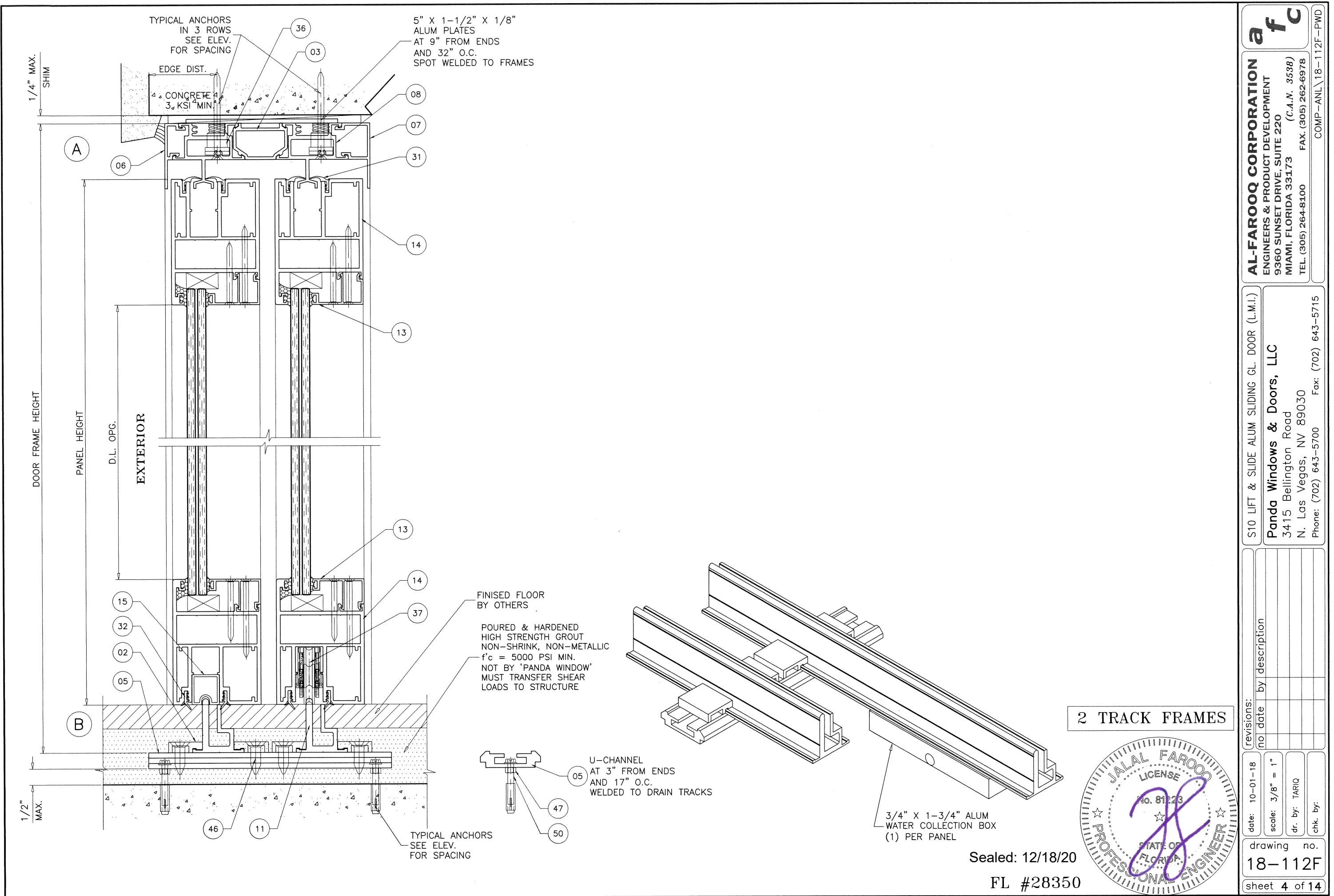
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sheet **3** of **14**



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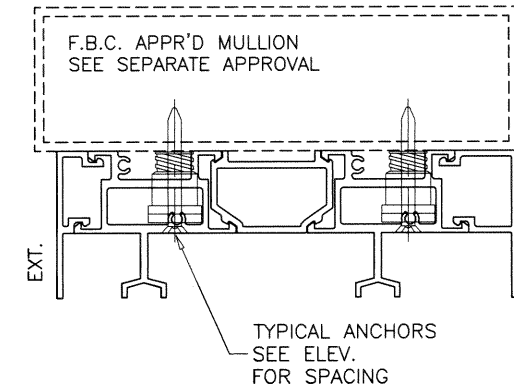
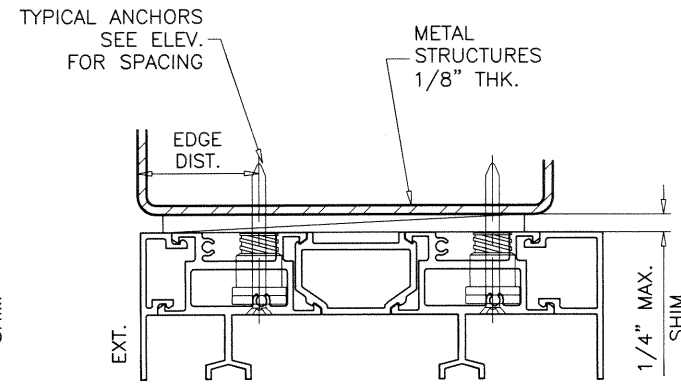
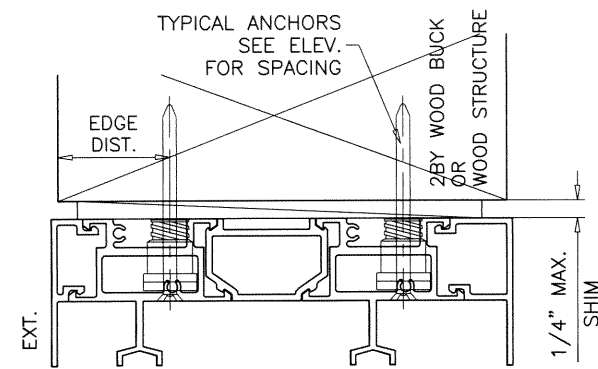
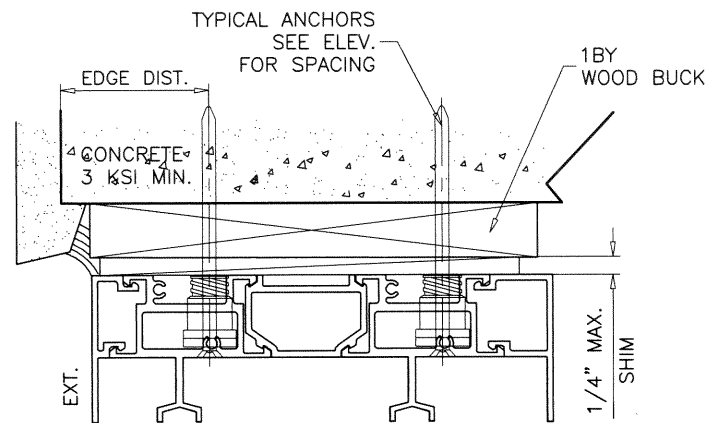
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drawing no.
18-112F

sheet 4 of 14



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'PANDA WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

HEAD/JAMB ANCHORS: SEE ELEV. FOR SPACING

3/16\"/>

THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/2\"/>

3/16\"/>

3/16\"/>

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2\"/>

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SILL ANCHORS: SEE ELEV. FOR SPACING

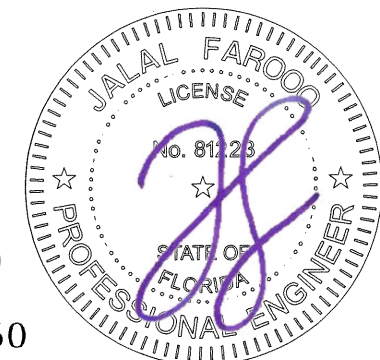
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CRITICAL EDGE DISTANCE

INTO CONCRETE = 2-1/2\"/>

CONCRETE AT SILL f'c = 3000 PSI MIN.

2 TRACK FRAMES



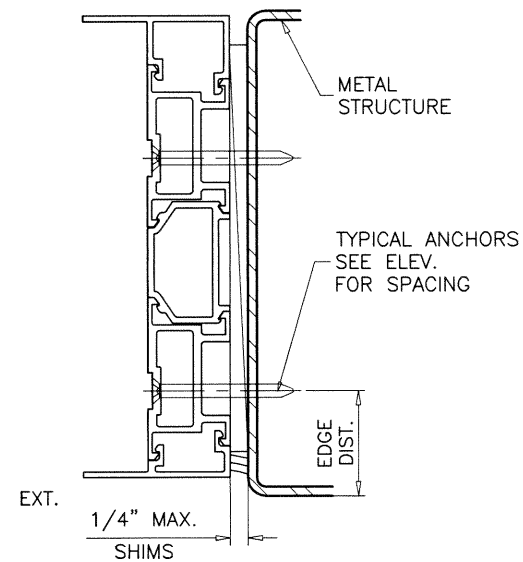
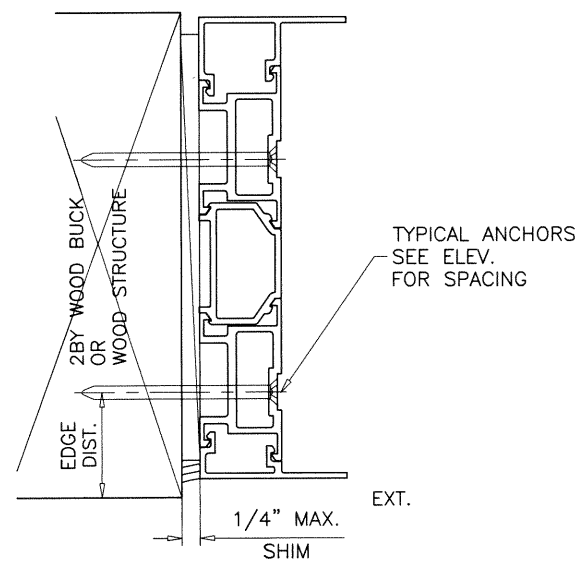
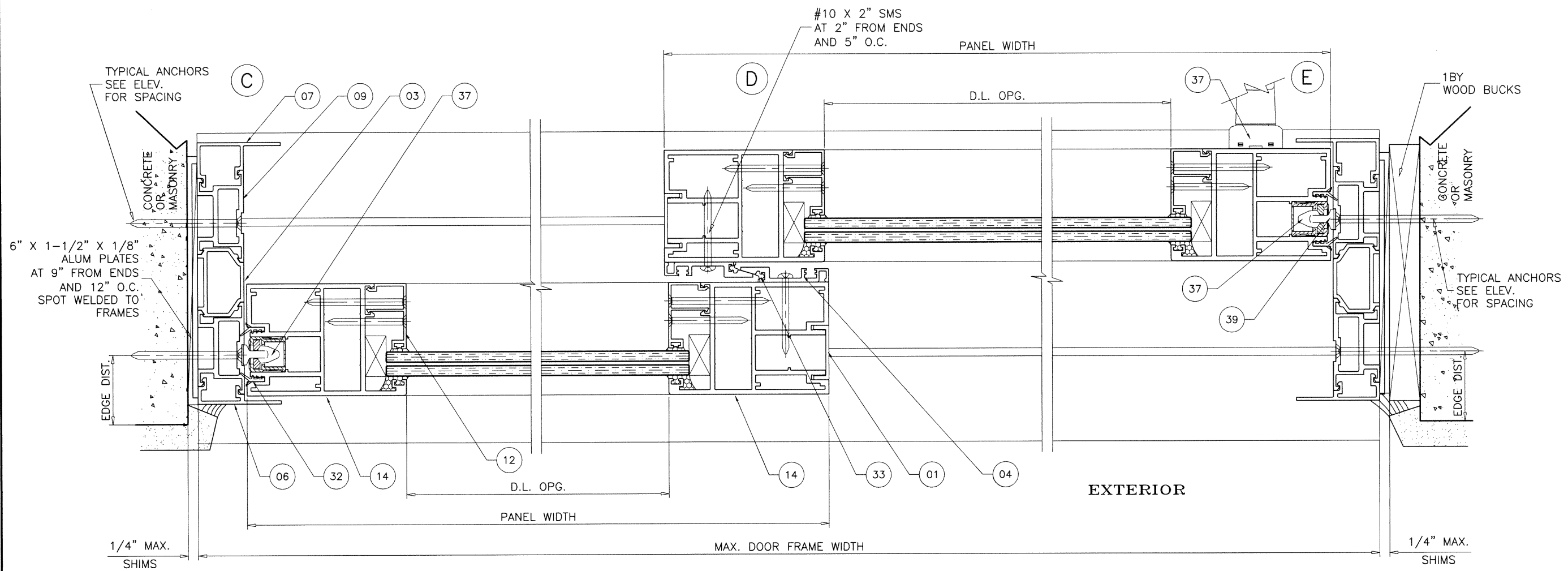
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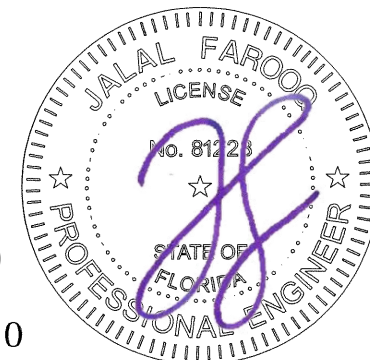
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AL-FAROOQ CORPORATION
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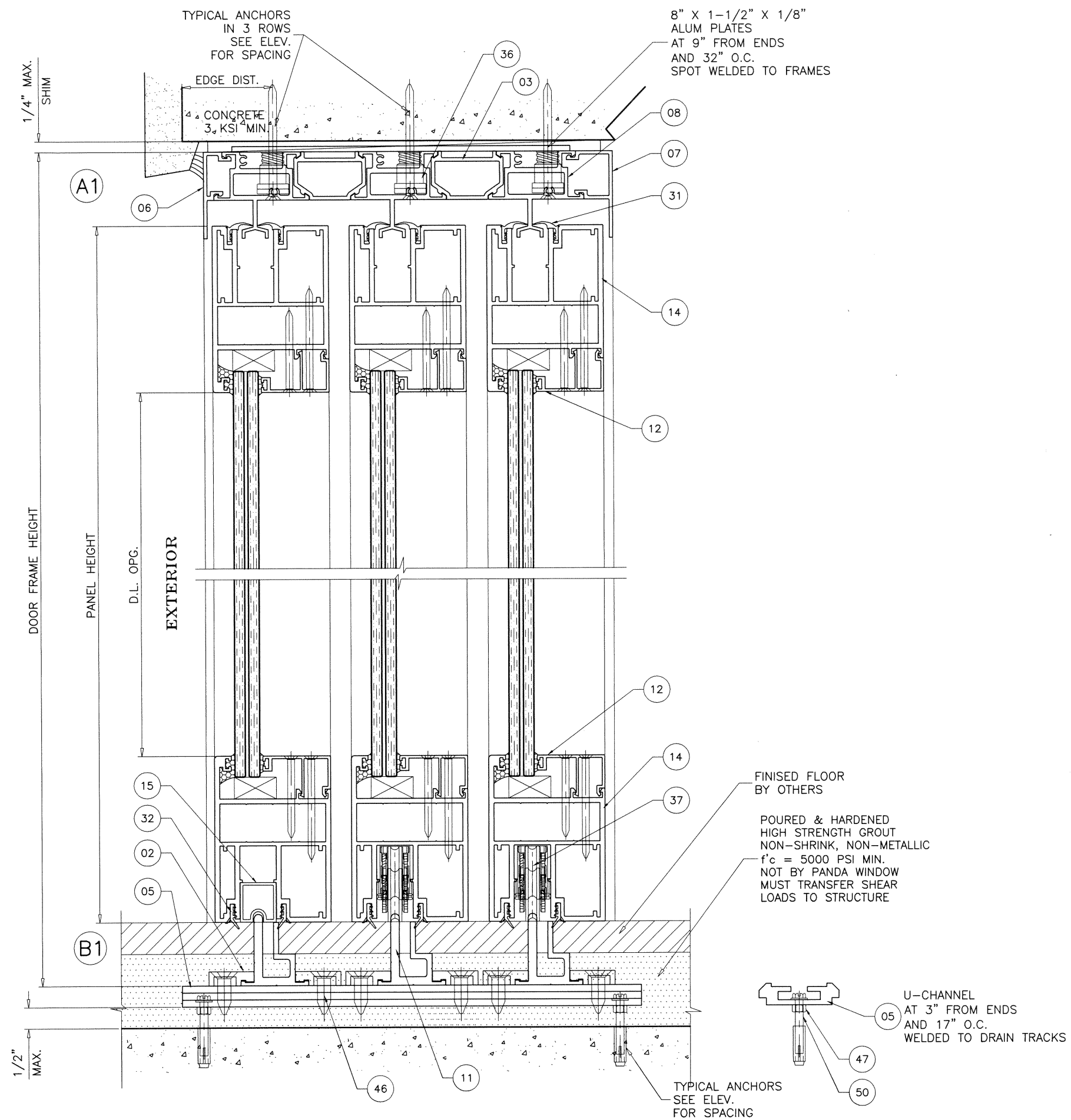
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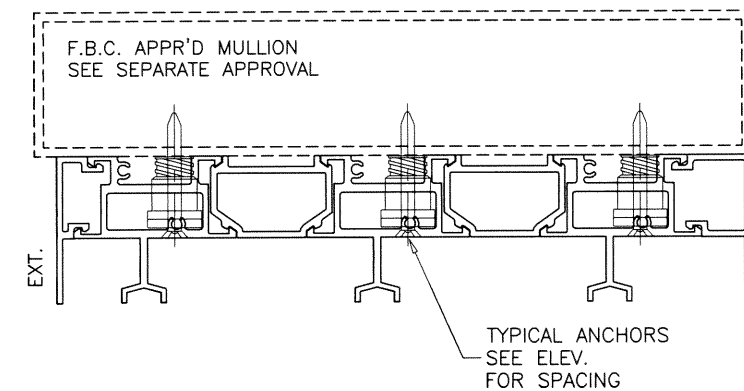
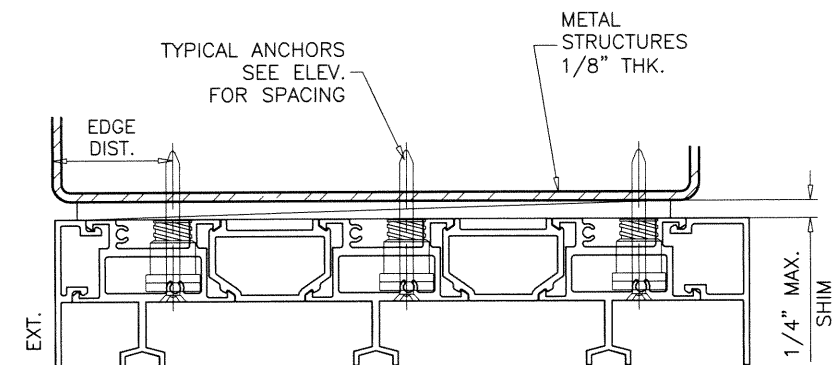
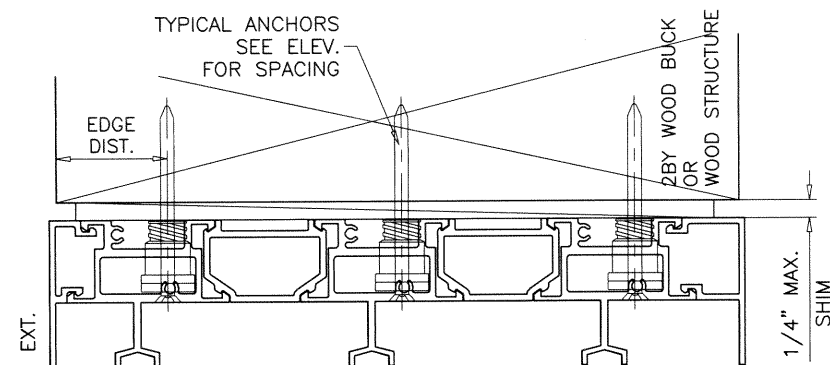
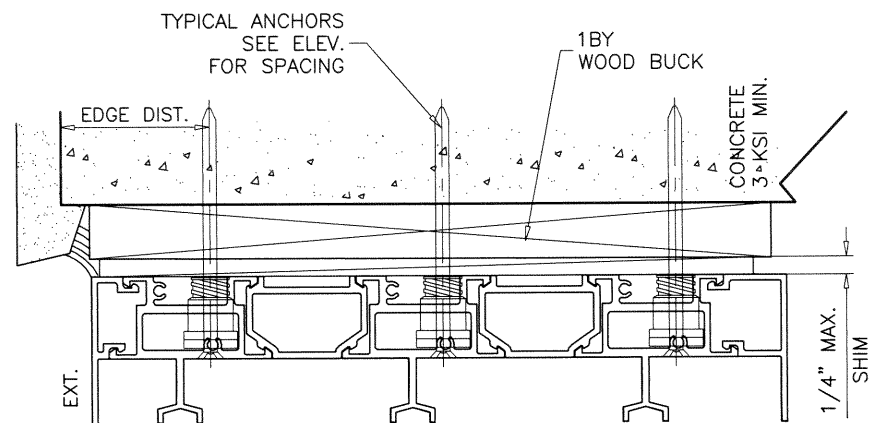
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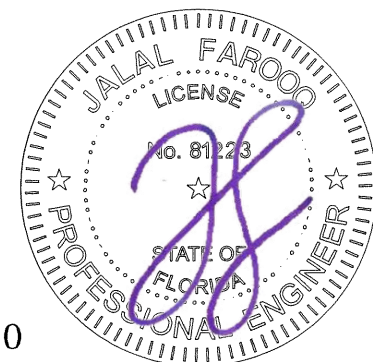


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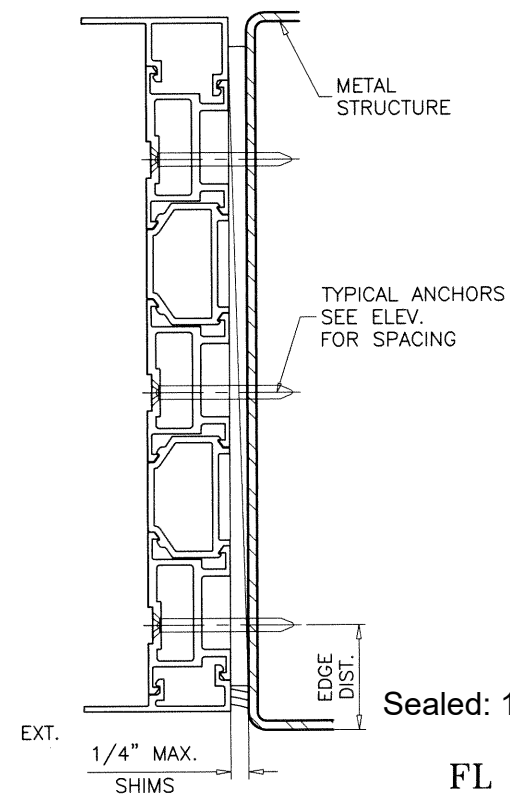
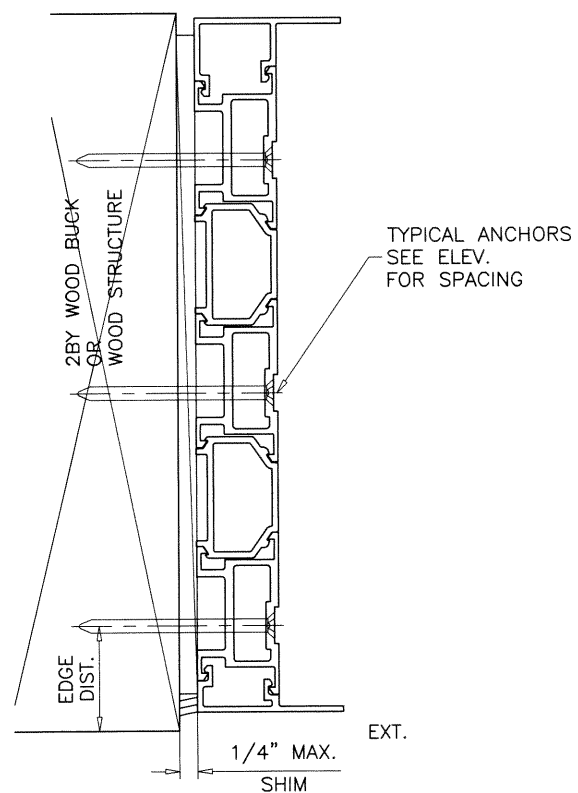
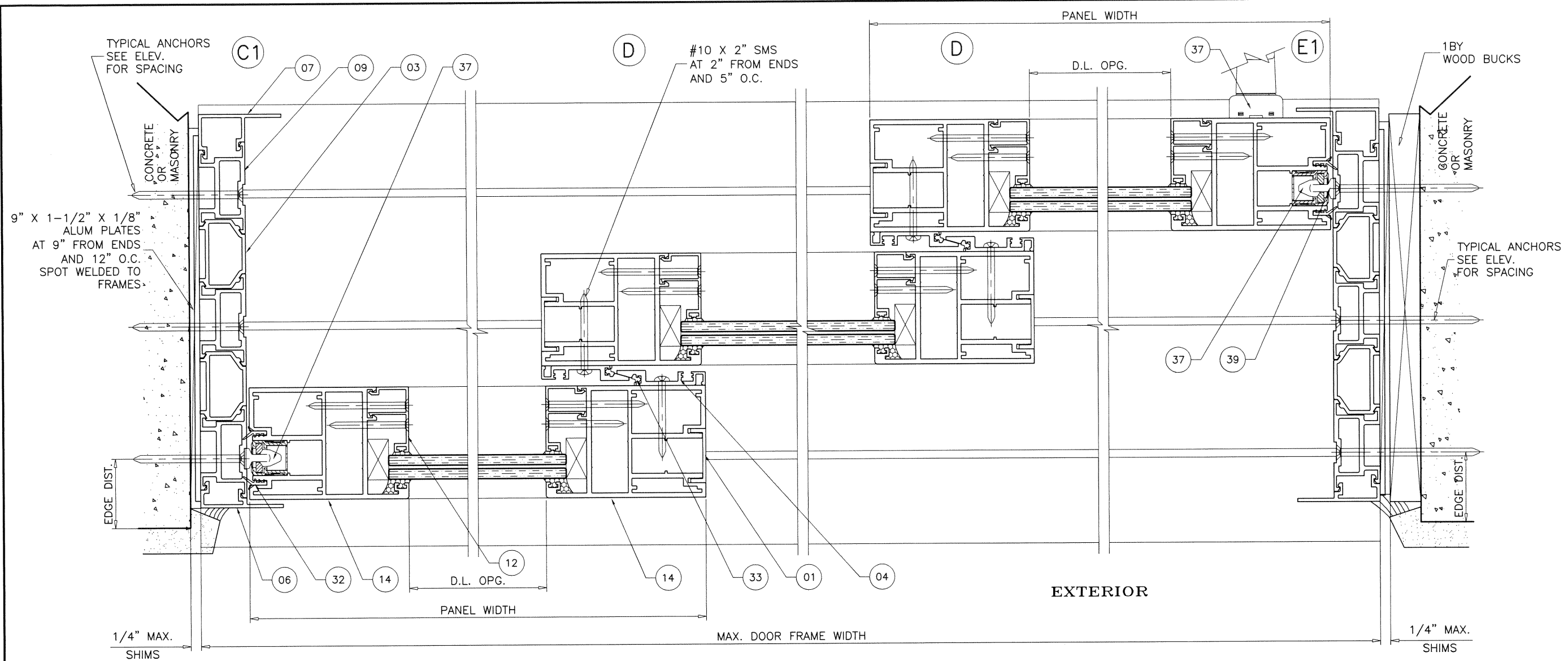
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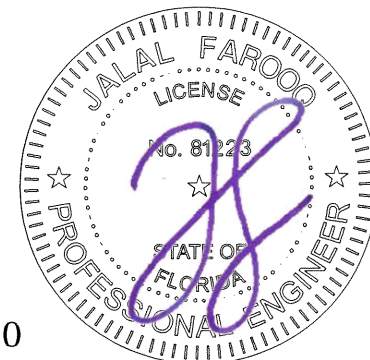
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sheet 8 of 14



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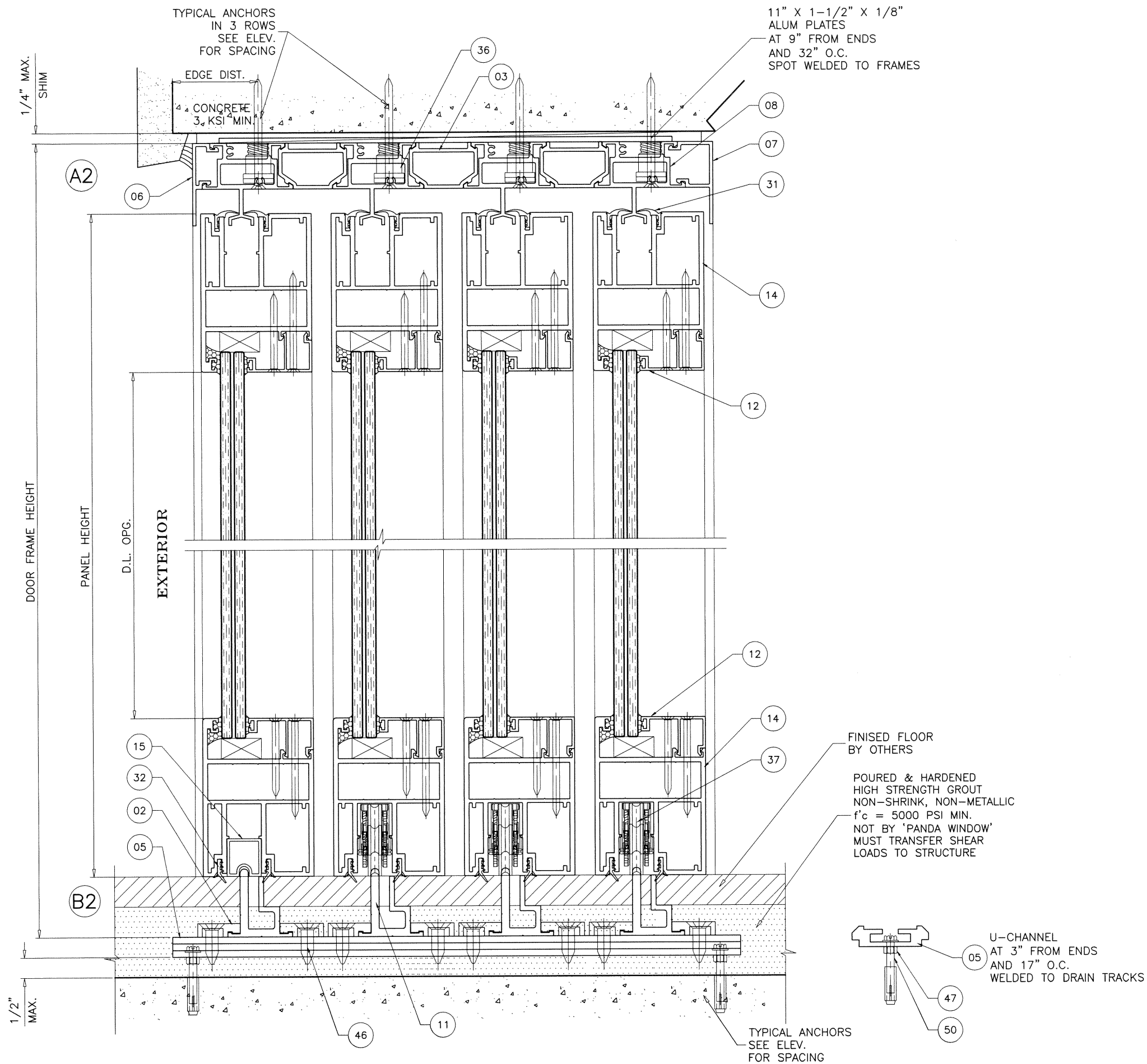
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MIAMI, FLORIDA 33173

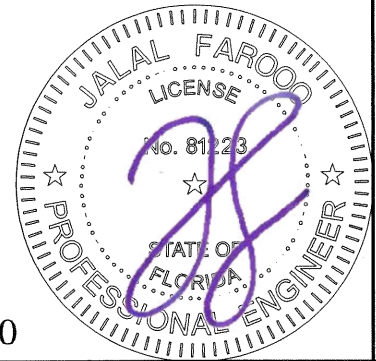
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sheet 9 of 14			



4 TRACK FRAMES



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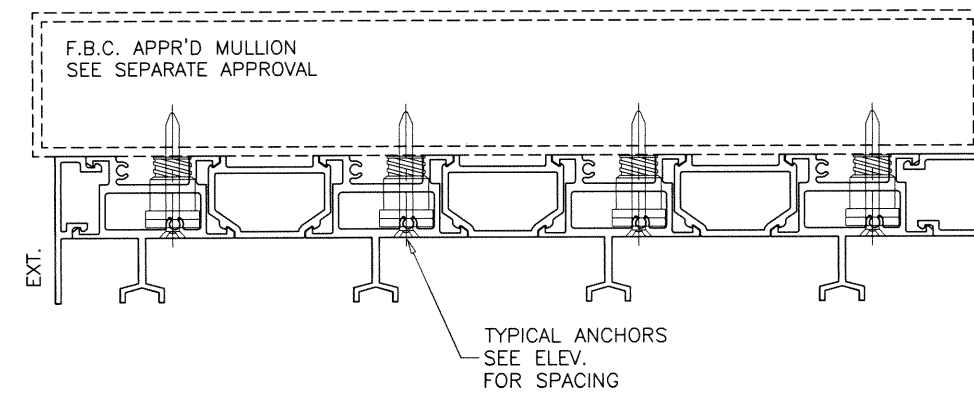
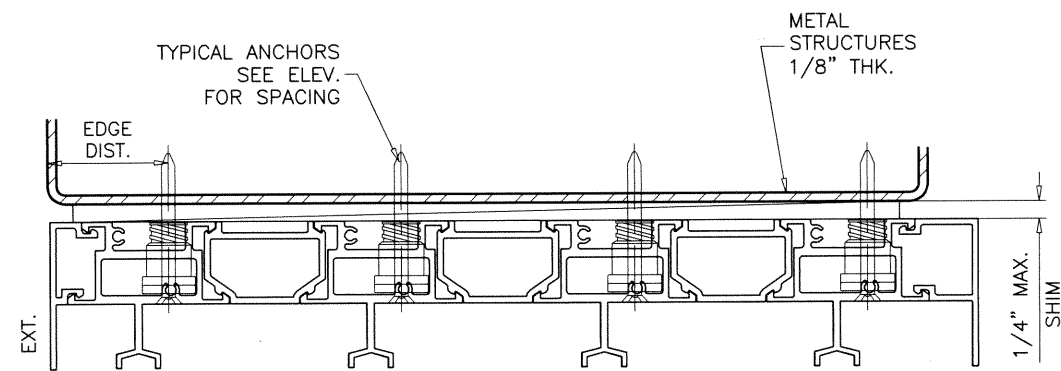
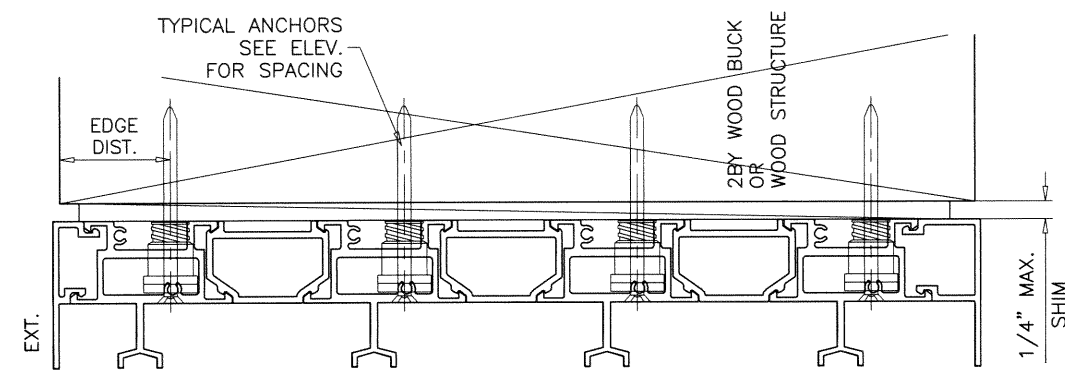
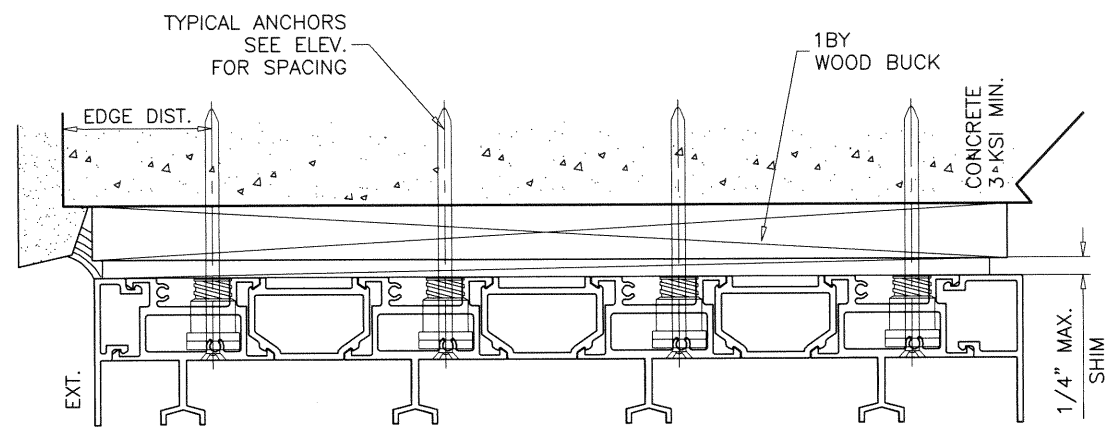
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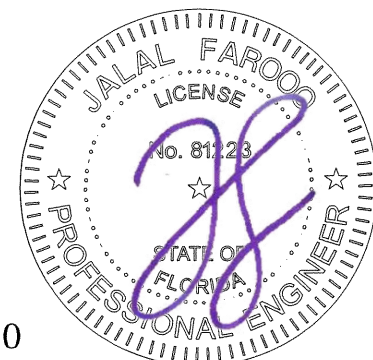
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4 TRACK FRAMES

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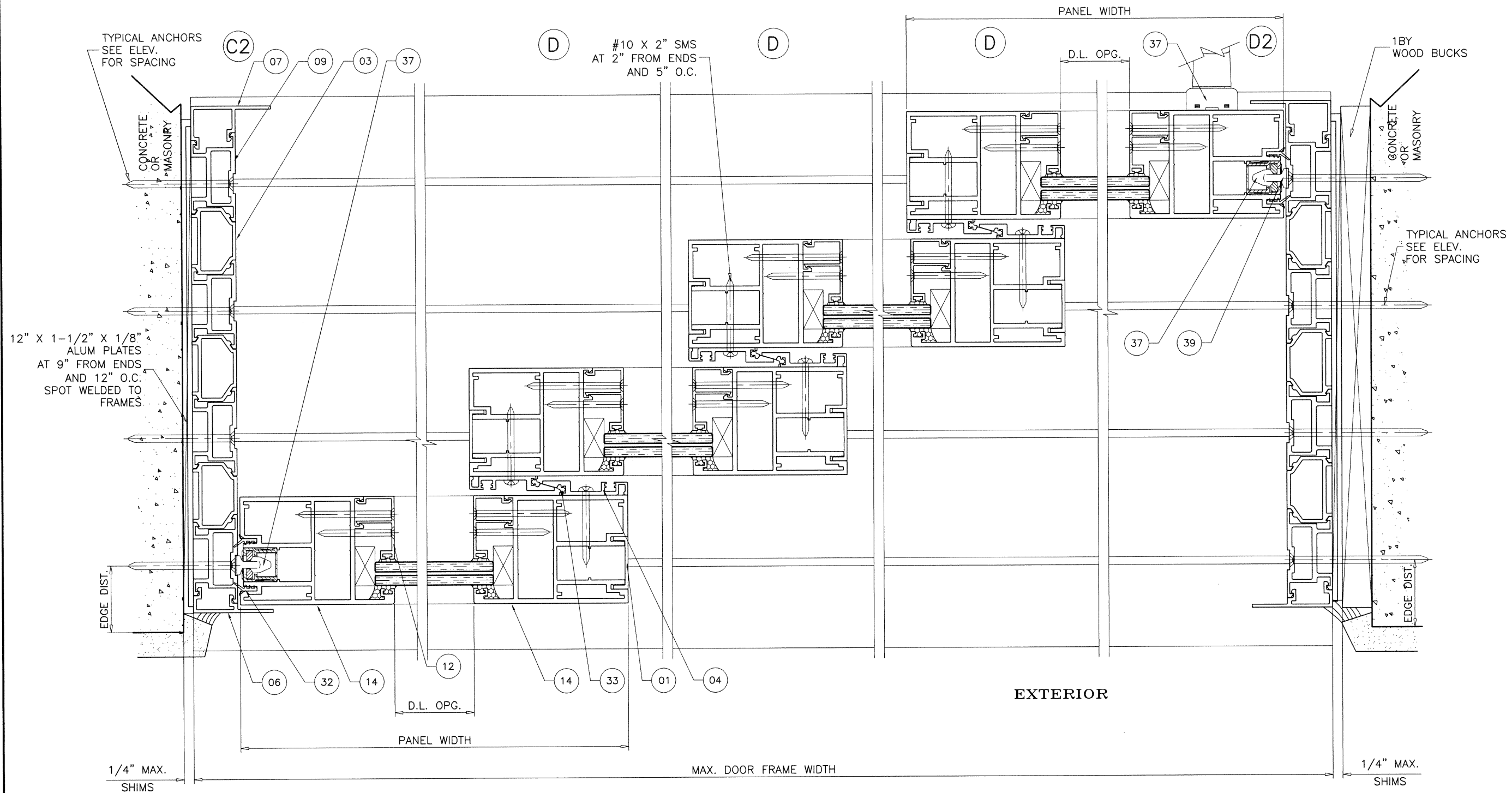
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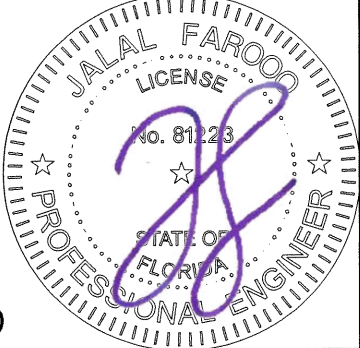
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sheet 11 of 14



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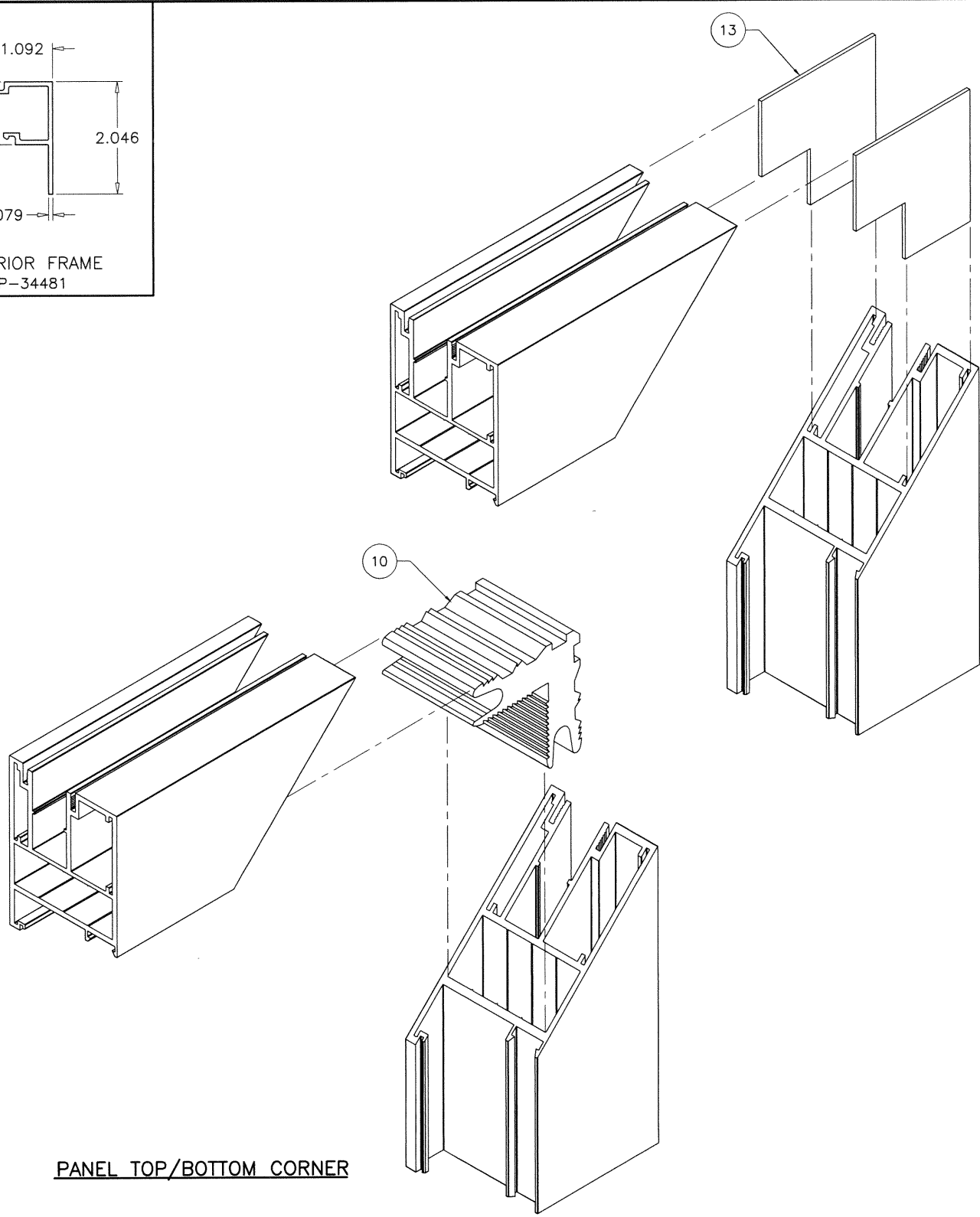
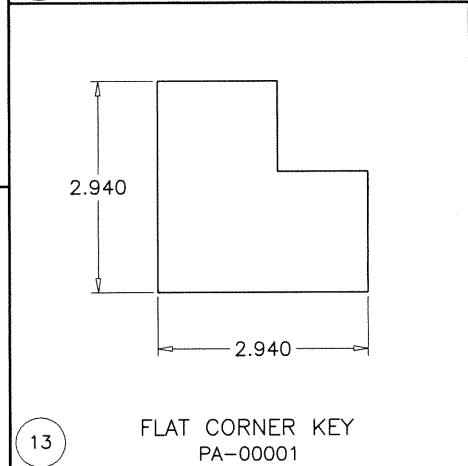
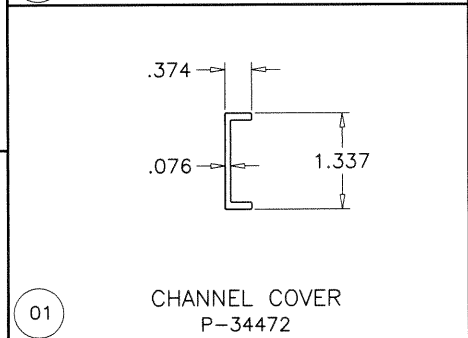
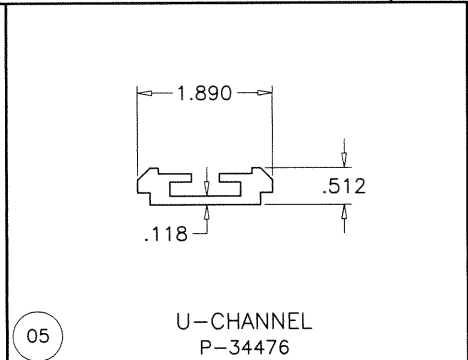
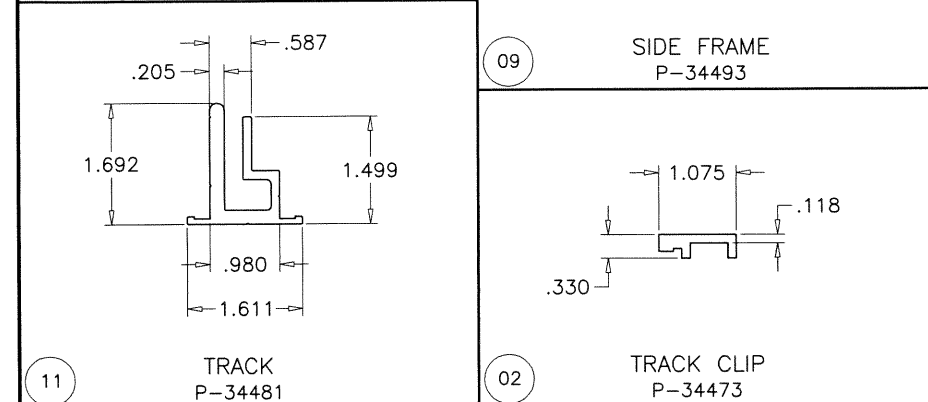
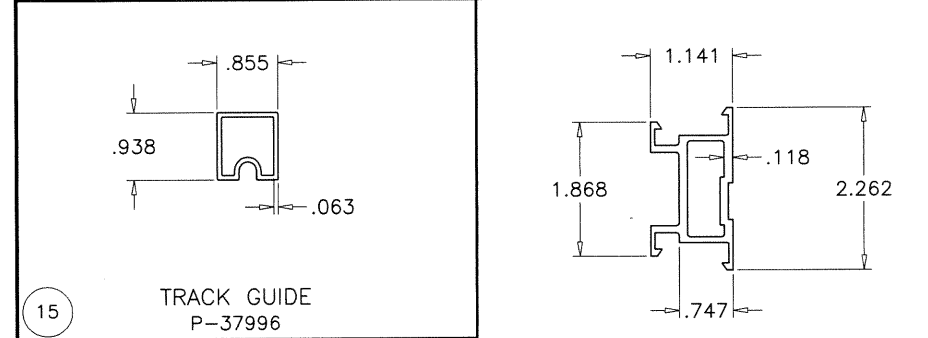
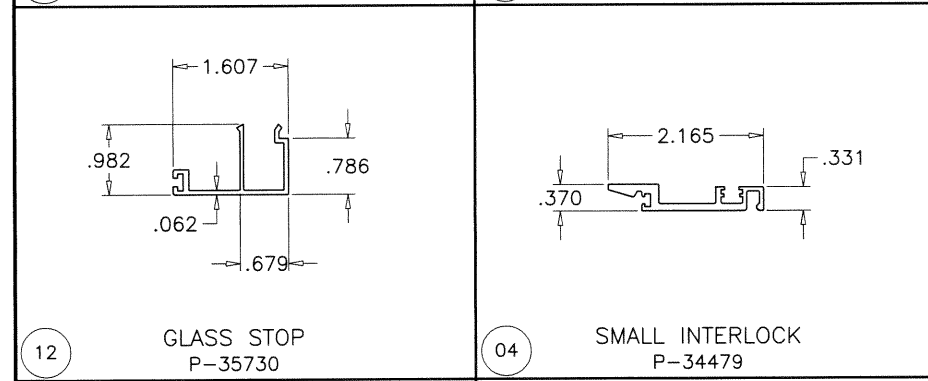
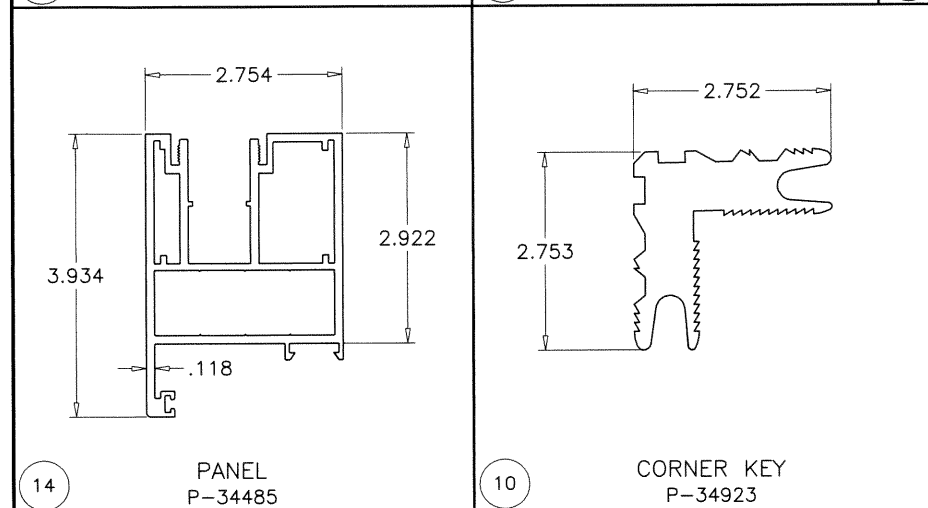
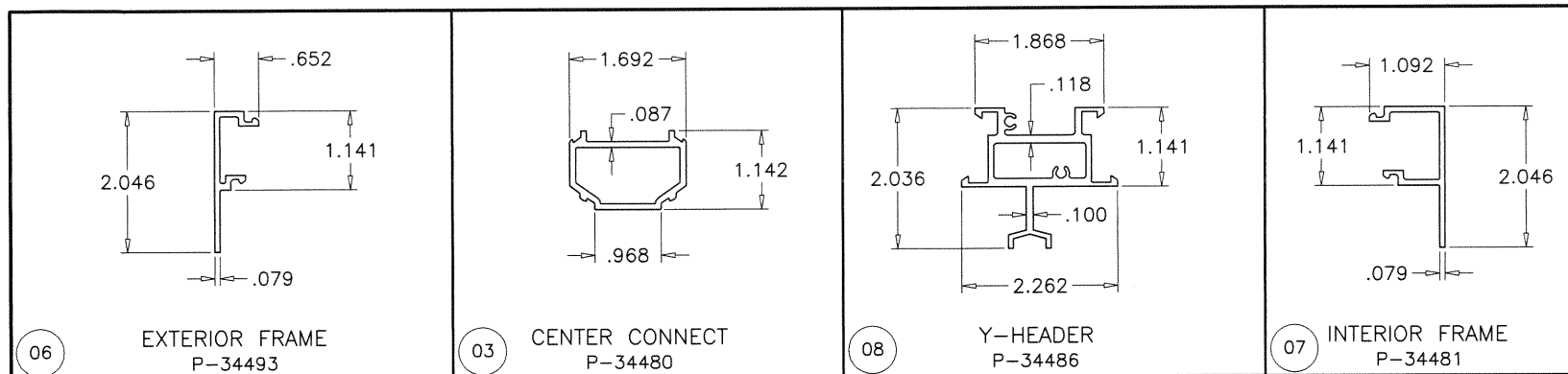
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\18-112F-PWD

S10 LIFT & SLIDE ALUM SLIDING GL. DOOR (L.M.I.)

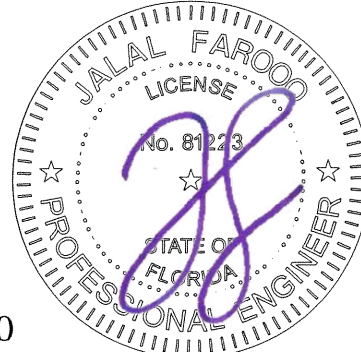
Panda Windows & Doors, LLC
3415 Bellington Road
N. Las Vegas, NV 89030
Phone: (702) 643-5700 Fax: (702) 643-5715

revisions:	
no	by description

date: 10-01-18	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. 18-112F		sheet 12 of 14	



PANEL TOP/BOTTOM CORNER



Sealed: 12/18/20
FL #28350

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sheet 13 of 14

