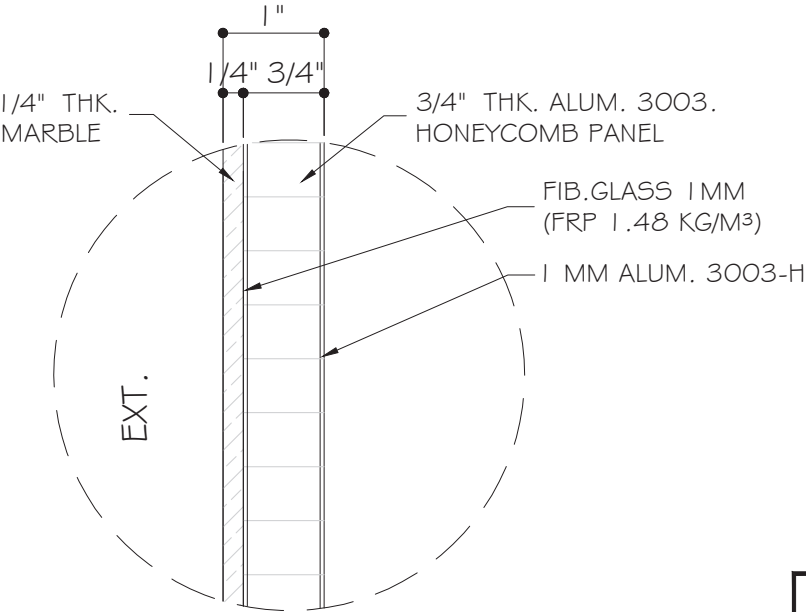


LIGHT WEIGHT STONE PANEL SYSTEM
LARGE AND SMALL MISSILE IMPACT (LMI & SMI)

GENERAL NOTES:

- THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF 8TH EDITION FBC 2023/ 9TH EDITION FBC 2026 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- ANCHORS SHALL BE AS LISTED, CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS. AND INSTALLED PER MANUF'S INSTRUCTIONS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
- 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 FLORIDA BUILDING CODE 8TH EDITION FBC 2023/ 9TH EDITION FBC 2026 SECTION AS APPLICABLE.
- METAL STRUCTURES NOT BY FANTASY MARBLE PRODUCTS, INC. DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
- THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS. ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.
- 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.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 35, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

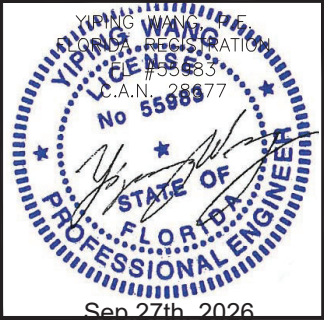


MARBLE DETAIL
1" NOMINAL OVERALL
WEIGHT OF PANEL: 3.8 LB /SQ FT

LIMITATIONS OF USE			
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.		
E-	THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.		

FLORIDA APPROVAL:
FL#30785.1

ABBREVIATIONS AND SYMBOLS	
D.L.O. - DAYLITE OPENING	
F.H. - FRAME HEIGHT	
F.W. - FRAME WIDTH	
W - WITH	
W/O - WITHOUT	
O.C. - ON CENTER	
SGD - SLIDING GLASS DOOR	
H.R. - HEAD RECEPTOR	
AVE. - AVERAGE	



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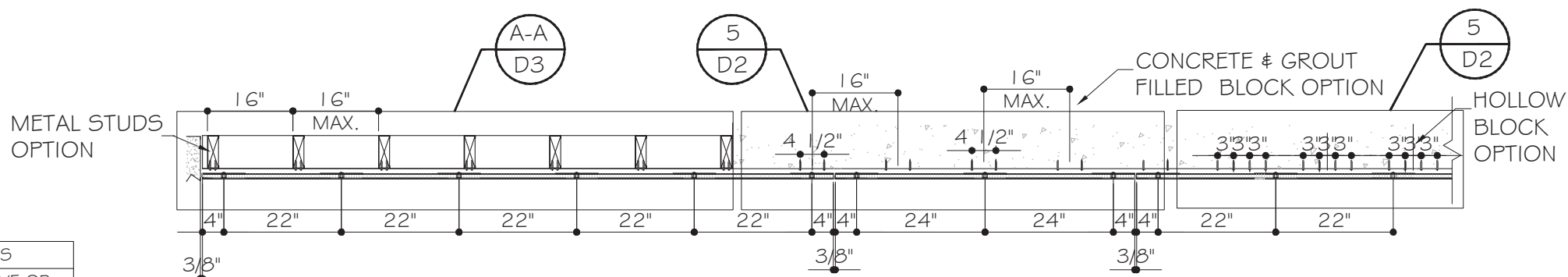
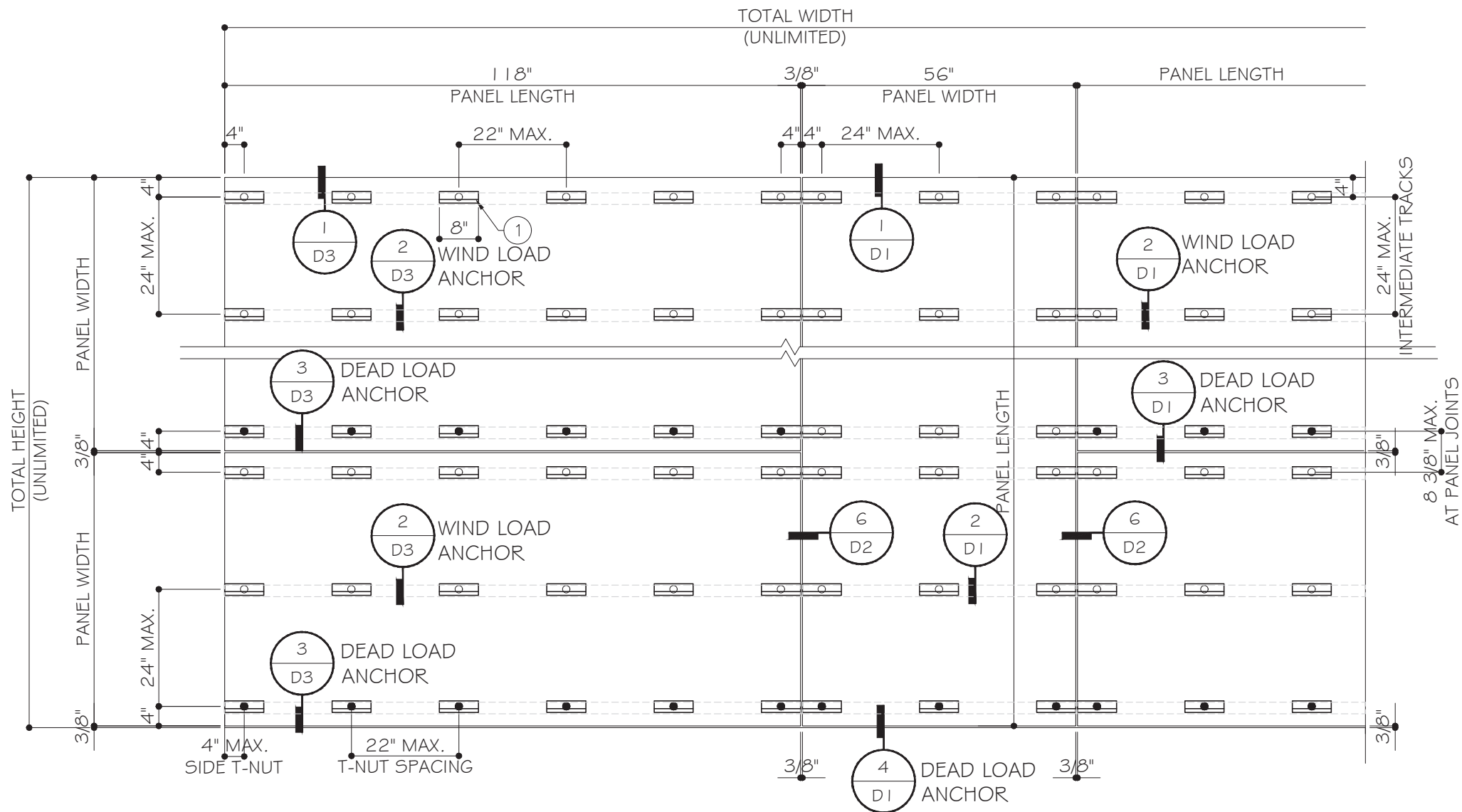
PANELS SYSTEM - L.M.I. & S.M.I.

FANTASY MARBLE LLC

920 Angle Rd Fort Pierce FL 34947

CELL: 954 394 3103

Drawn Date	09.27.2026	Scale	AS SHOWN
DRAWING NO.	AD19-23		
COVER			
Sheet No.	01 OF 07		



MAX. DESIGN LOADS
FOR SIZE SHOWN ABOVE OR
SMALLER AS PERMITTED BY FBC.
+ 140 PSF
- 140 PSF

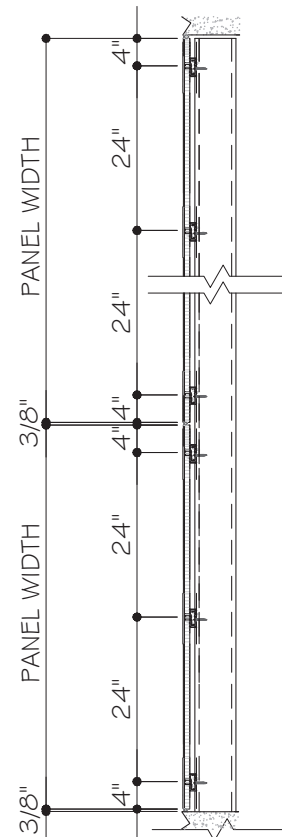
- WIND LOAD ANCHOR
- DEAD LOAD ANCHOR

NOTE: SUBSTRATE SHOWN FOR DEMONSTRATION ONLY

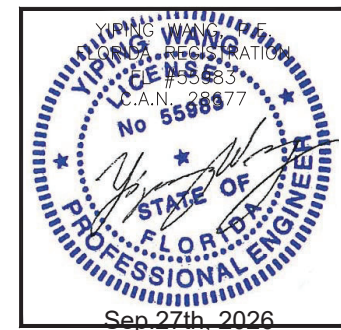
TYPICAL EXTERIOR ELEVATION

NOTE:

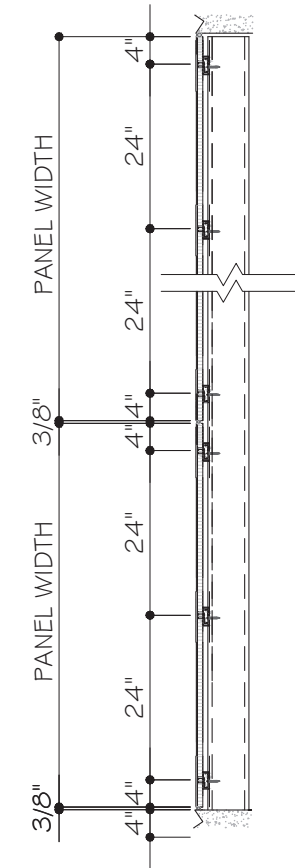
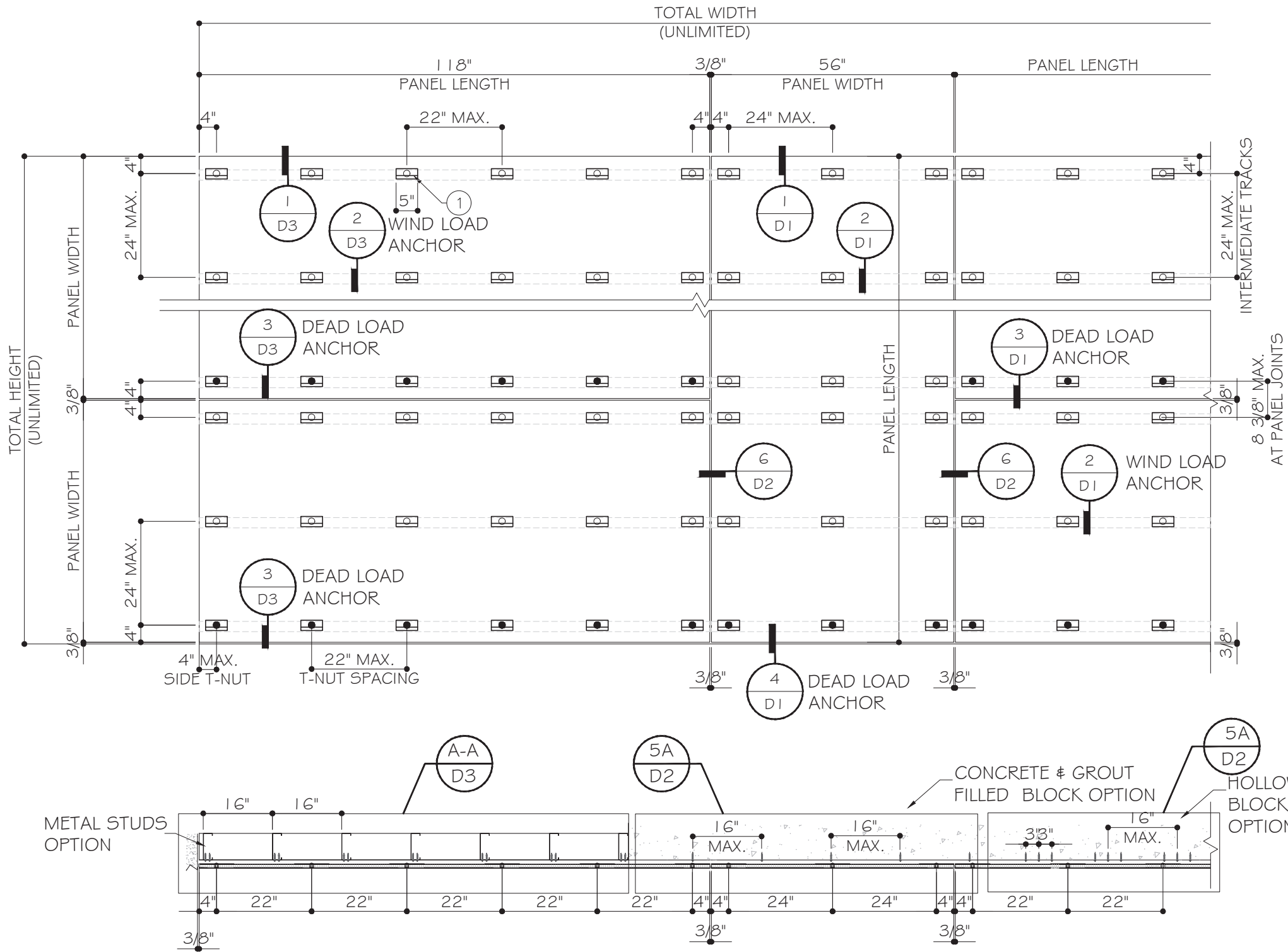
1. WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY AND HORIZONTALLY AS SHOWN ABOVE.
2. MAX. PANEL AREA = 118"(PANEL WIDTH) X 56"(PANEL LENGTH)
3. MAX. INTERIOR TRACKING (HORIZONTAL) = 24" O.C.
4. MAX. T-NUT SPACING = 24" O.C.
5. MAX. DEAD LOAD ON EACH T-NUT NOT TO EXCEED 85 LBF



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Rev. No.	Date	Drawn By	Description
R2	09.27.2026	JAMES	UPDATE TO FBC 2026
R1	04.13.2026	JAMES	UPDATE TO FBC 2023
Drawing No. AD19-23			
Sheet No. 02 OF 07			



MAX. DESIGN LOADS
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.
+90 PSF
-90 PSF

- WIND LOAD ANCHOR
- DEAD LOAD ANCHOR

NOTE: SUBSTRATE SHOWN FOR DEMONSTRATION ONLY

TYPICAL EXTERIOR ELEVATION

- NOTE:
1. WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY AND HORIZONTALLY AS SHOWN ABOVE.
 2. MAX. PANEL AREA = 118"(PANEL WIDTH) X 56"(PANEL LENGTH)
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Drawn Date

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Scale

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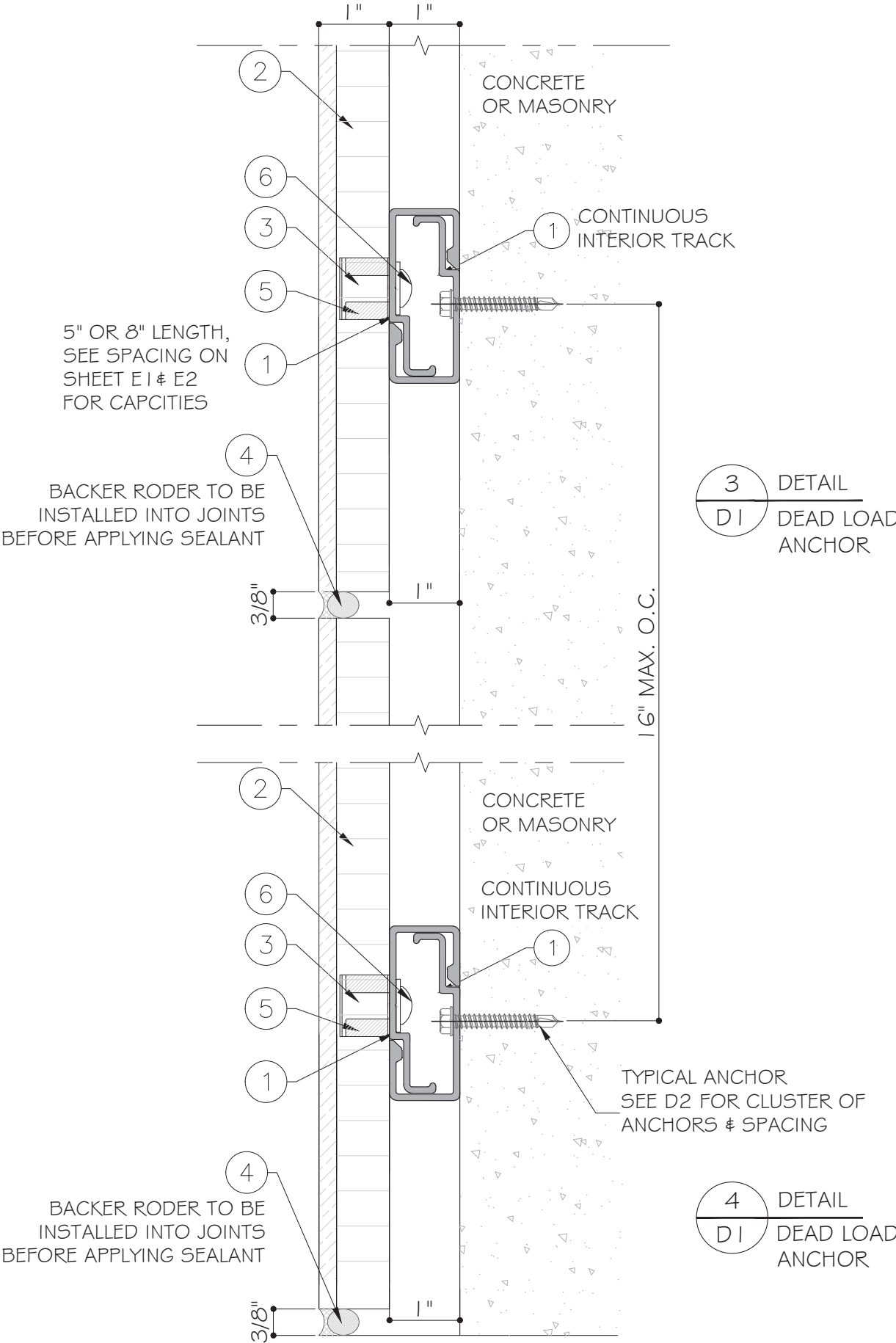
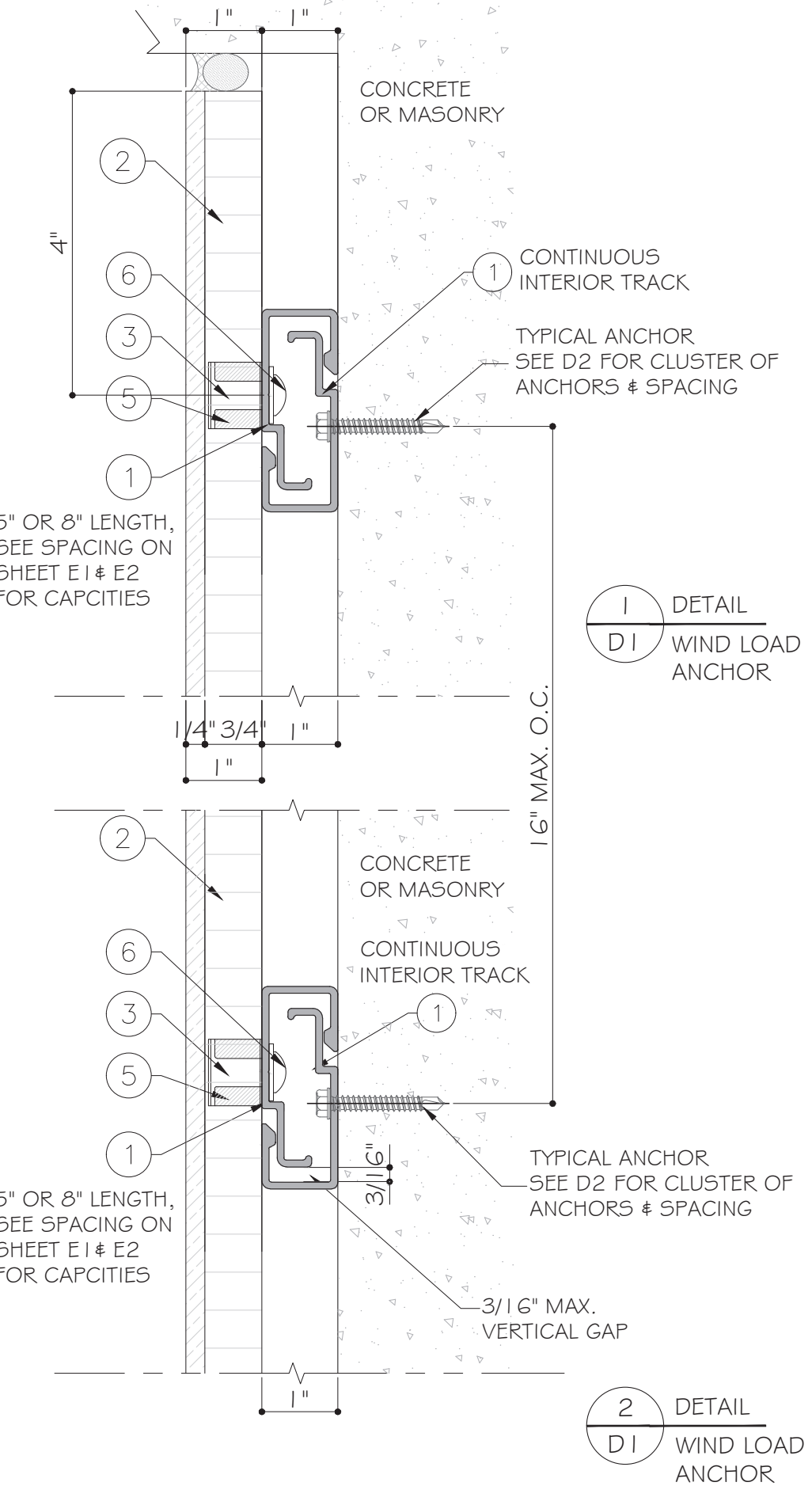
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AD19-23

Sheet No.

03 OF 07

INSTALLATIONS AT CONCRETE/CONCRETE BLOCK STRUCTURES



TYPICAL ANCHORS:

1/4" DIA. ULTRACON+ BY 'DEWALT'
(F_u=164 KSI, F_y=148 KSI)

DIRECTLY INTO CONCRETE
1 3/4" MIN. EMBED

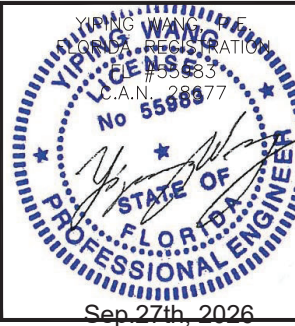
DIRECTLY INTO GROUT FILLED BLOCK
1 3/4" MIN. EMBED

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

TYPICAL EDGE DISTANCE
2 1/2" MIN. EDGE DISTANCE FOR ALL

CONCRETE f_c'=3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK
f_m=2000 PSI MIN.

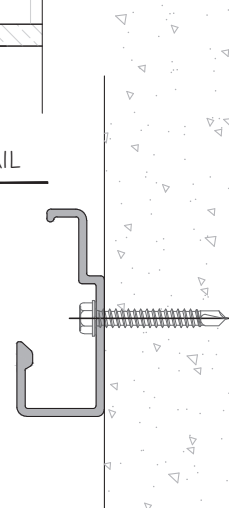
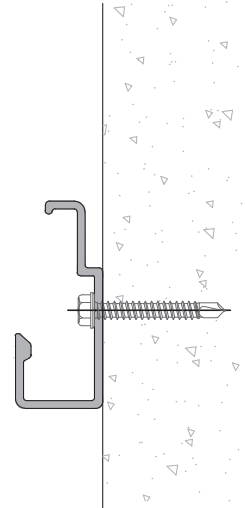
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Drawing No. AD19-23			
Sheet No. 04 OF 07			

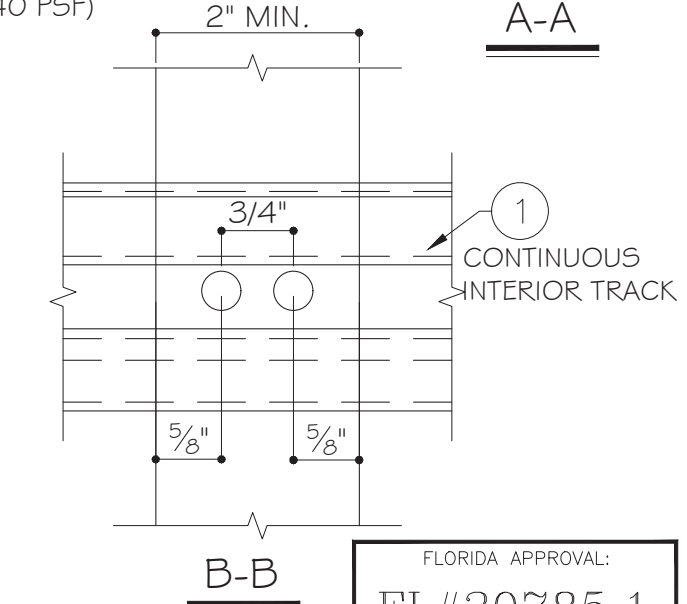
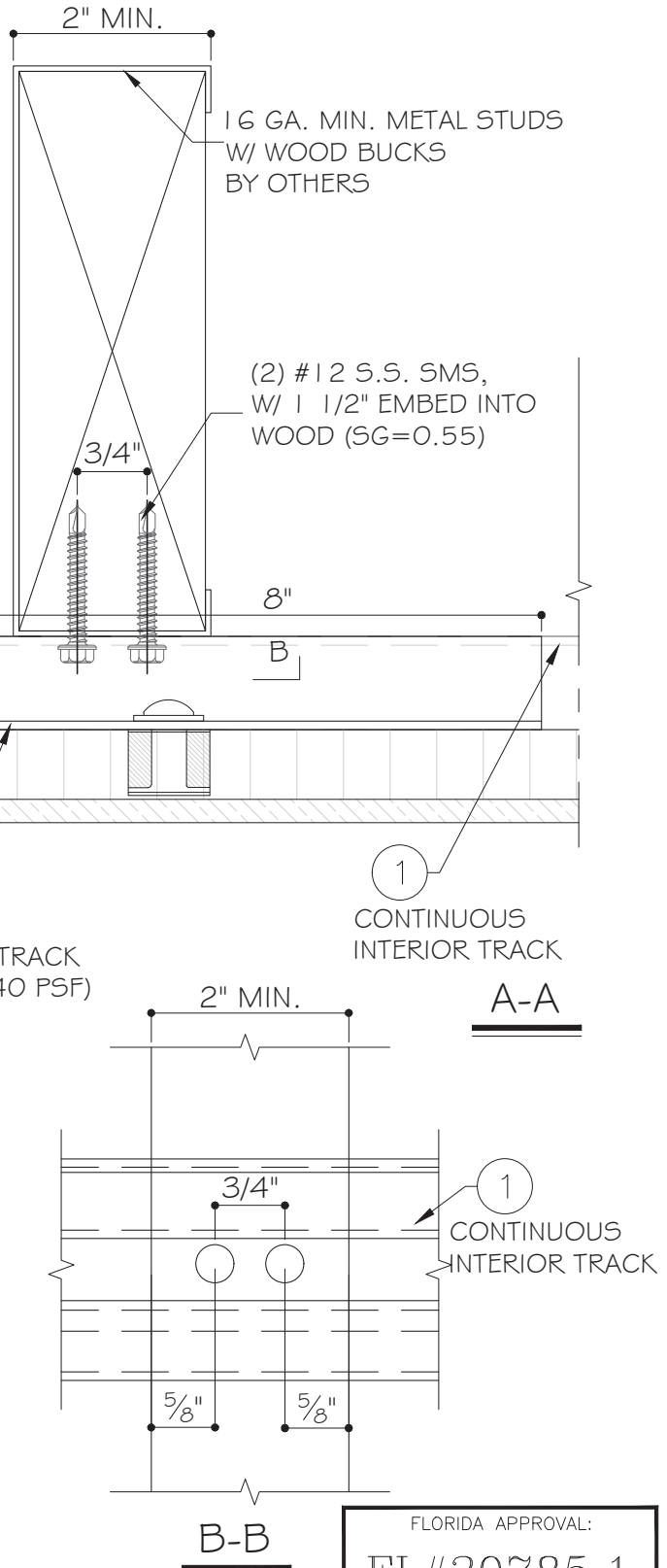
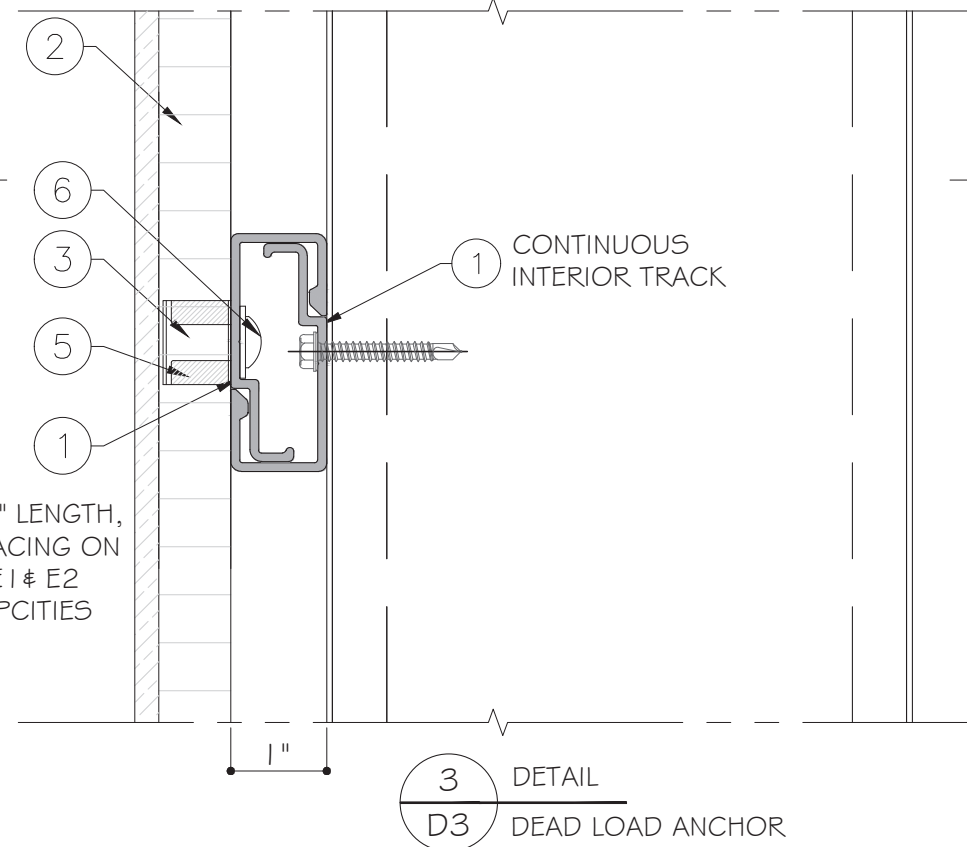
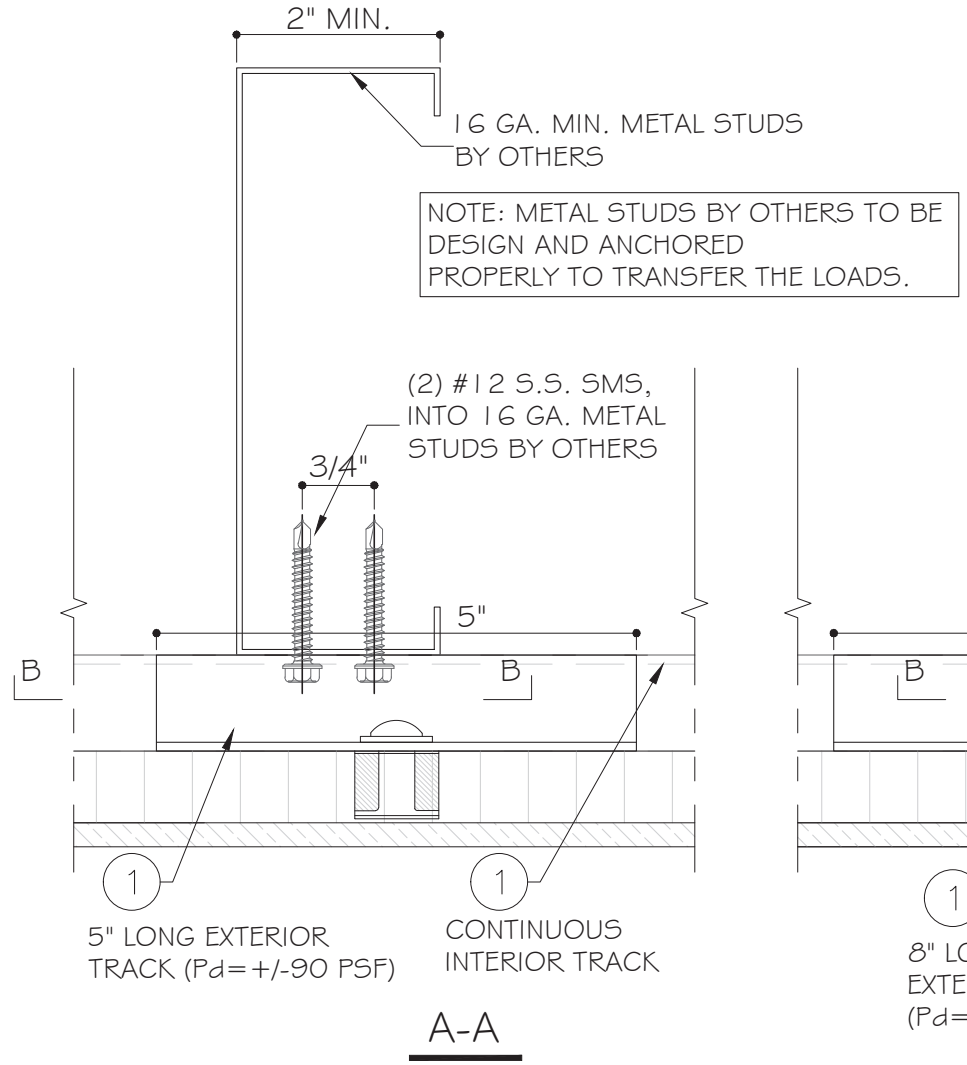
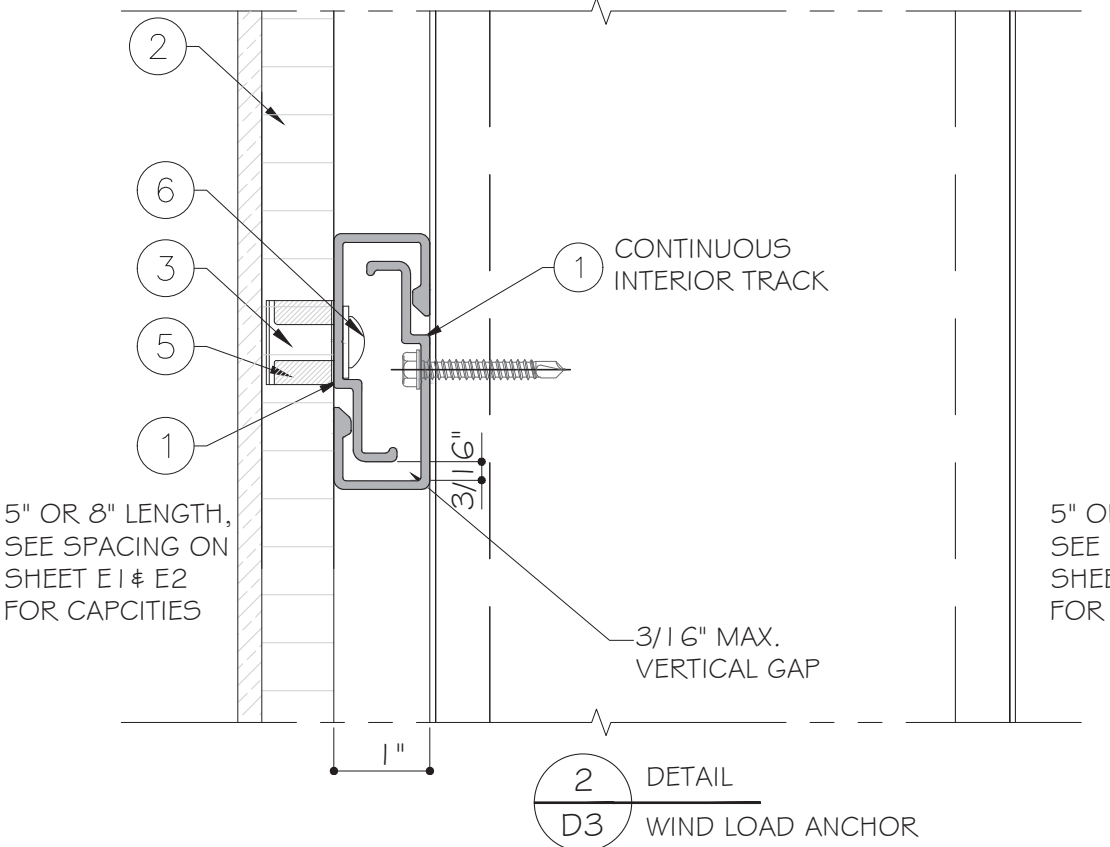
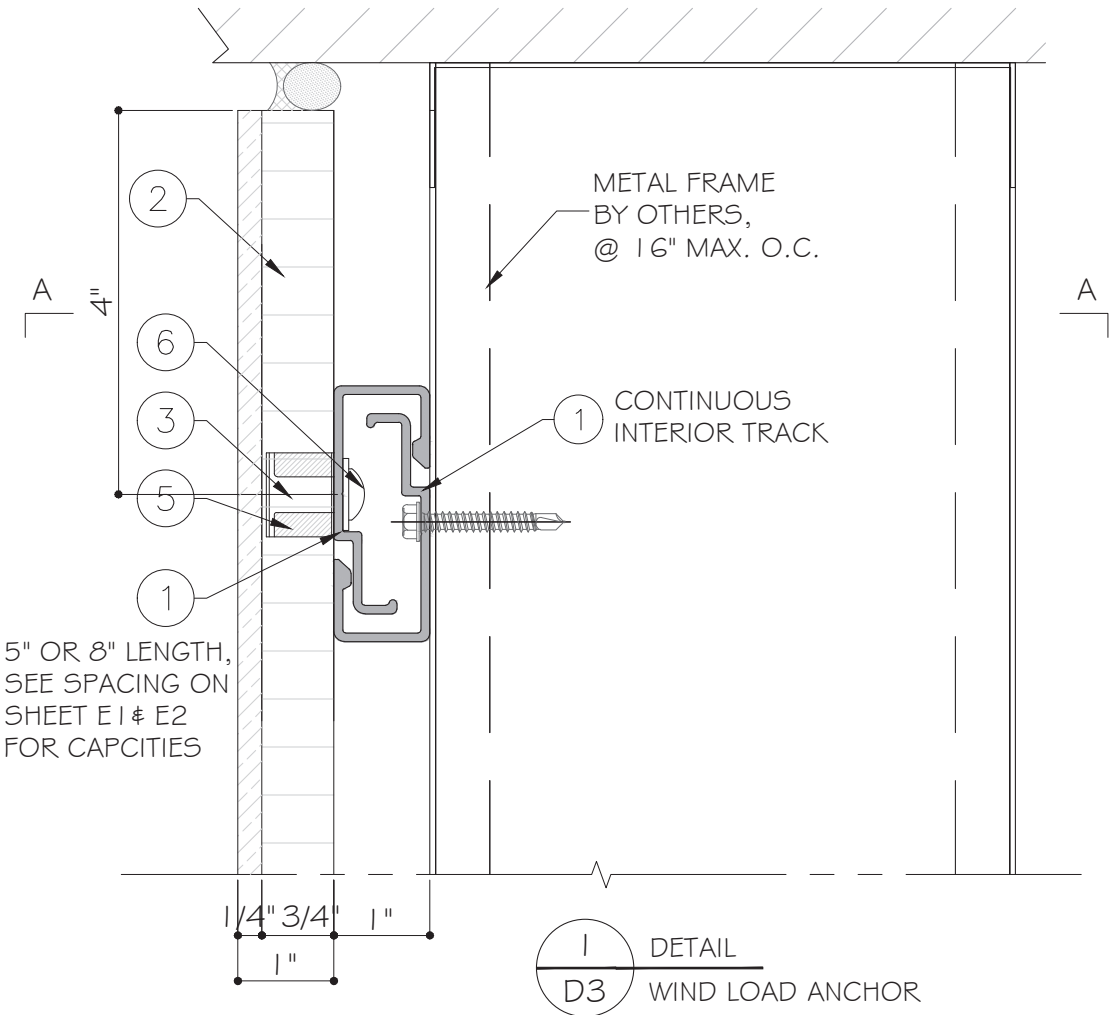


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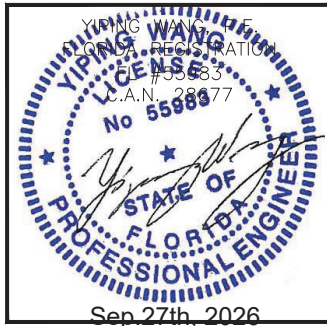
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05 OF 07

INSTALLATIONS AT METAL STUD SYSTEM



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Drawn Date
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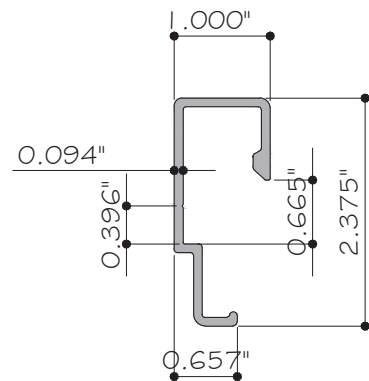
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DRAWING NO.
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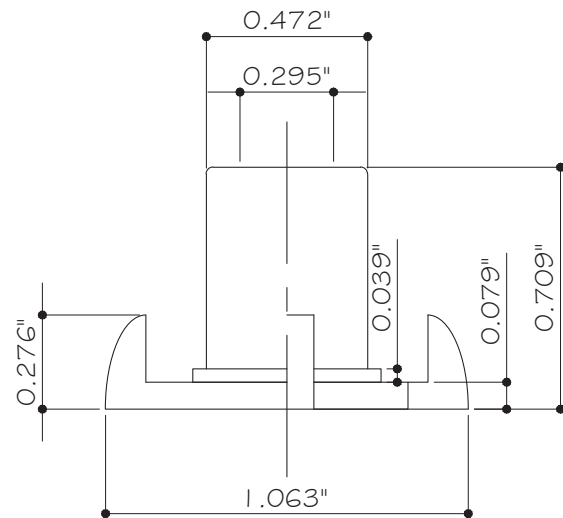
Sheet No.
06 OF 07

BILL OF MATERIALS

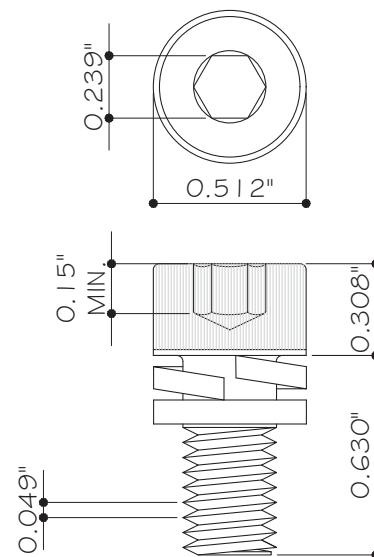
ITEM	DESCRIPTION	MATERIAL	REMARKS
1	ALUMINUM TRACK	ALUM. 6061-T6 or 6005-T5	
2	NATURAL STONE PANEL, 118" X 56", (COMBINATION OF ITEM 7&8)	MARBLE	FANTASTY MARBLE
3	TEE-NUT WITH 1/4" - 20 FEMALE THREAD FULLY BONDED INTO 7/8" HOLES SET IN HONEYCOMB PANEL	STAINLESS STEEL	-
4	DOWSIL 795	SILICONE	DOWSIL™
5	EPOXY RESIN ADHESIVE	2 TO 1 ACTIVATOR (STD. RESIN/LAMINATING RESIN) HARDNESS=80 TO 82/ 75 TO 80 SHORE D TENSILE LAP SHEAR >2900 PSI/2700PSI ULTIMATE ELONGATION >5% / 8%	FIBER GLASS COATINGS INC.
6	TRUSS-HEAD 1/4" - 20 X 5/8" LG MACHINE SCREW WITH NEOPRENE WASHER SECURED INTO TEE-NUT	STAINLESS STEEL	-
7	1/4" THK. MARBLE	SOLID WEIGHT 2711 KG/M ³ (169.23 Lbs/FT ³), AT 25.2 °C(77.36°F) AT STANDARD ATMOSPHERIC PRESSURE	-
8	3/4" THK. HONEYCOMB	1 MM FRP (POLYSTER RESIN (DENSITY=1.48 KG/M ³ , TENSILE STRENGTH =150MPa, HARDNESS=50 BARCOL) HONEY COMB CORE WITH ALUM. FOIL ALLOY 3004, COMPRES. STRENGTH>3.0 MPa, CORE SIZE=4MM, CORE DENSITY=1.05KG/M ³ BACK ALUM. SHEET - 1.0 MM ALUM. ALLOY 3003, TENSILE STRENGTH>=128 N/MM ² , ELONGATION>=7%, THERMAL EXPANSION=2.4MM/M / 100 °C	CHANGZHOU FLORES DECORATION MATERIAL CO.,LTD



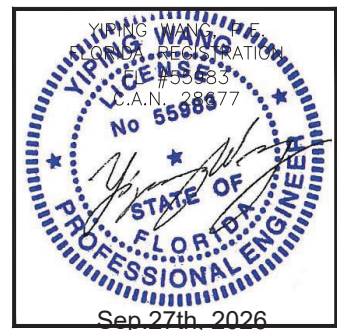
1 ALUMINUM TRACK
ALUM. 6061-T6 or 6005-T5



3 TEE-NUT STAINLESS STEEL



6 MACHINE SCREW STAINLESS STEEL



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