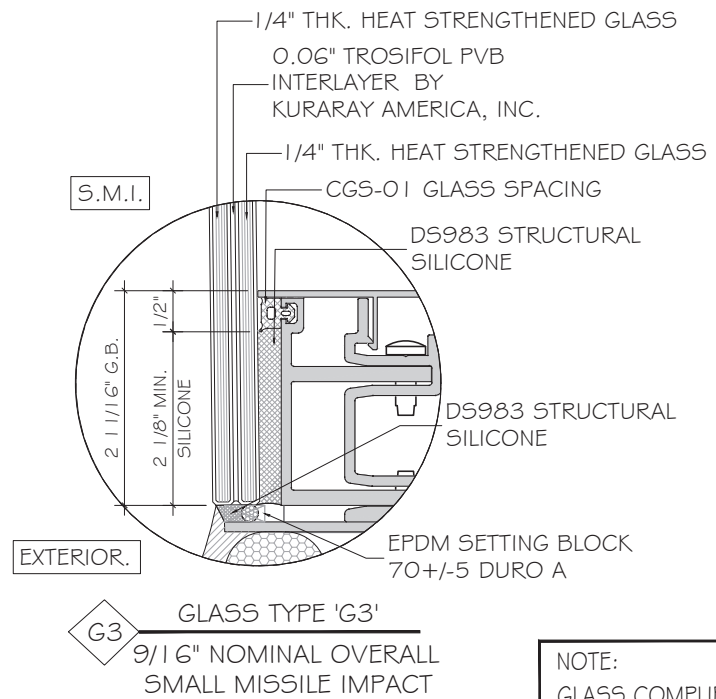
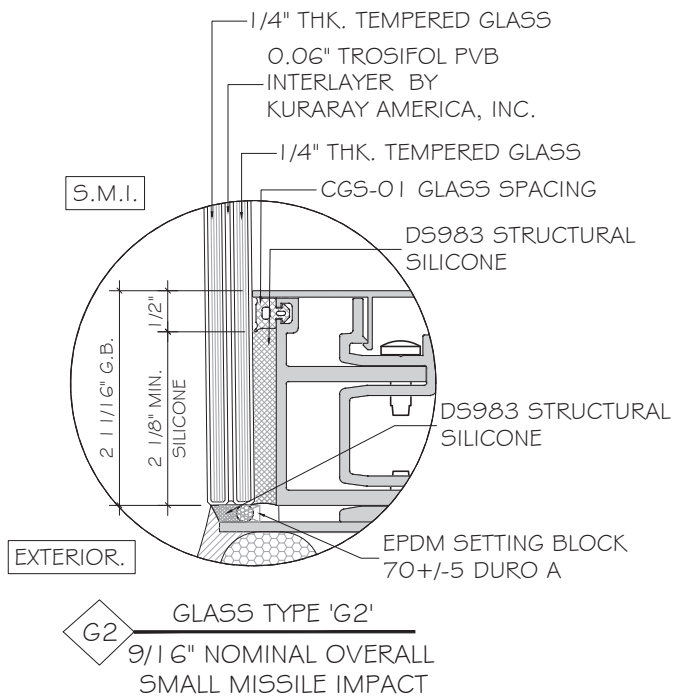
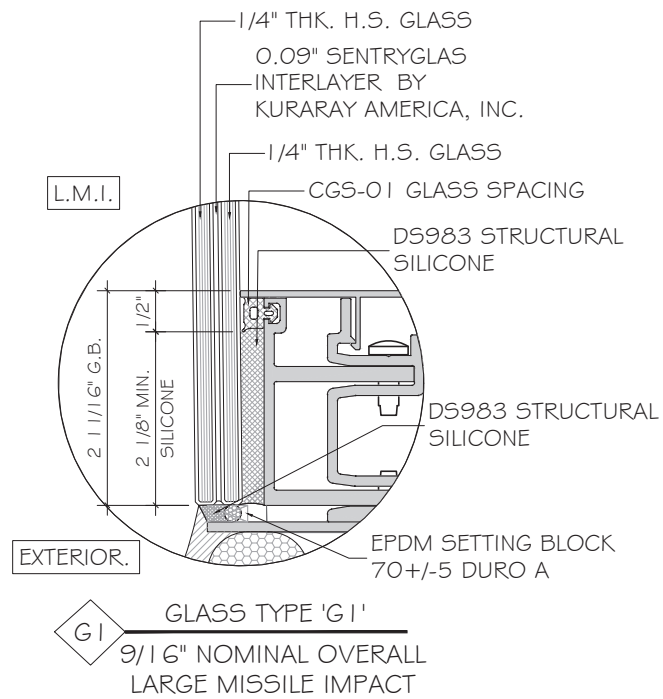


ES.WINDOWS
ES-WZ8525 WINDOW WALL - L.M.I & S.M.I



NOTE:
GLASS COMPLIES WITH ASTM E1300-16 OR 24
(3 SEC. GUSTS) AND ANSI Z97.1.

GENERAL NOTES:

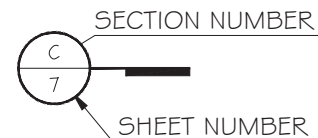
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023/9TH EDITION OF FLORIDA BUILDING CODE 2026 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOW WALL ARE RATED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT USED FOR INSTALLATION UP TO 30FT. OF GRADE. SMALL MISSILE IMPACT USED FOR INSTALLATION ABOVE 30FT. OF GRADE.
- WINDOW WALL ARE APPROVED FOR AIR AND WATER INFILTRATION.
- 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 8TH EDITION OF FLORIDA BUILDING CODE 2023/9TH EDITION OF FLORIDA BUILDING CODE 2026 SECTION AS APPLICABLE.
- METAL STRUCTURES BY OTHERS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
- 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.
- ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.

USE CHARTS AS FOLLOWS.

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2: SEE SHEET 02 FOR APPROVED TYPICAL ELEVATION & DESIGN LOAD.
SEE SHEET 01 FOR GLASS OPTIONS.
- STEP 3: ANCHOR OPTION SEE SHEET 03. ANCHOR SPACING SEE SHEET 02.
- STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

G.B. - GLASS BITE
D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER

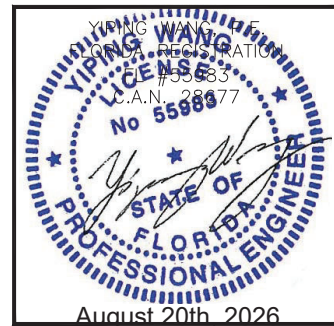


LIMITATIONS OF USE

- 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 HEREIN 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:

FL47758.1



ES-WZ8525 WINDOW WALL SYSTEM - LMI & SMI

E.S.WINDOWS, INC.

10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138

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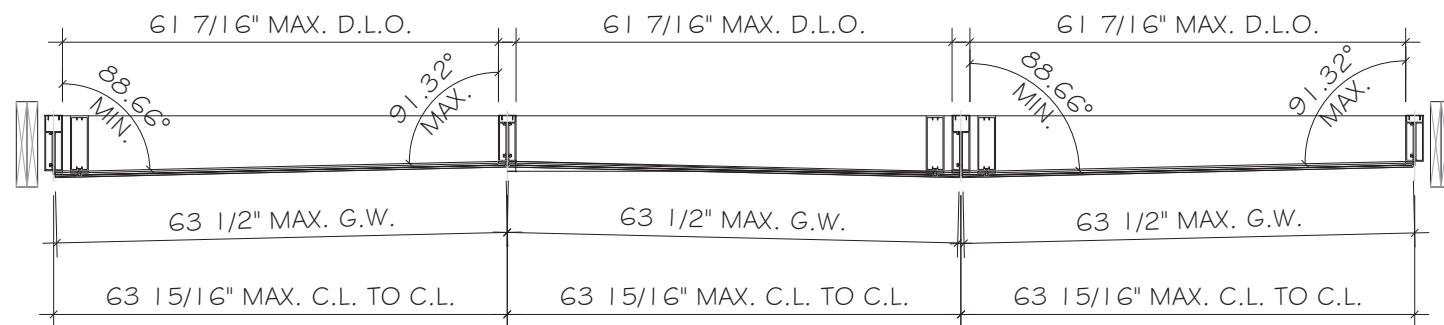
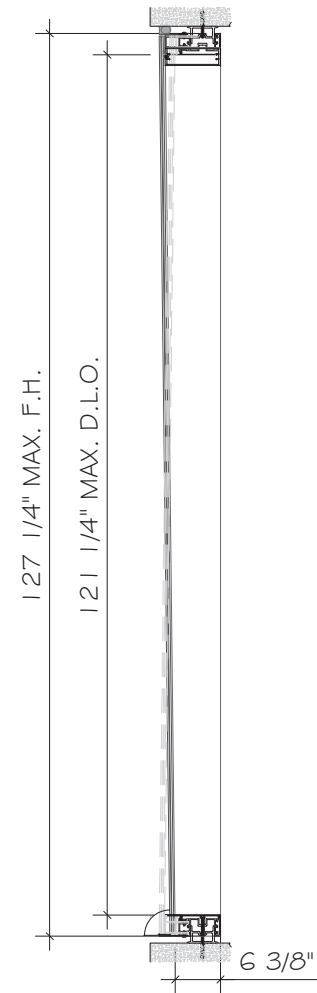
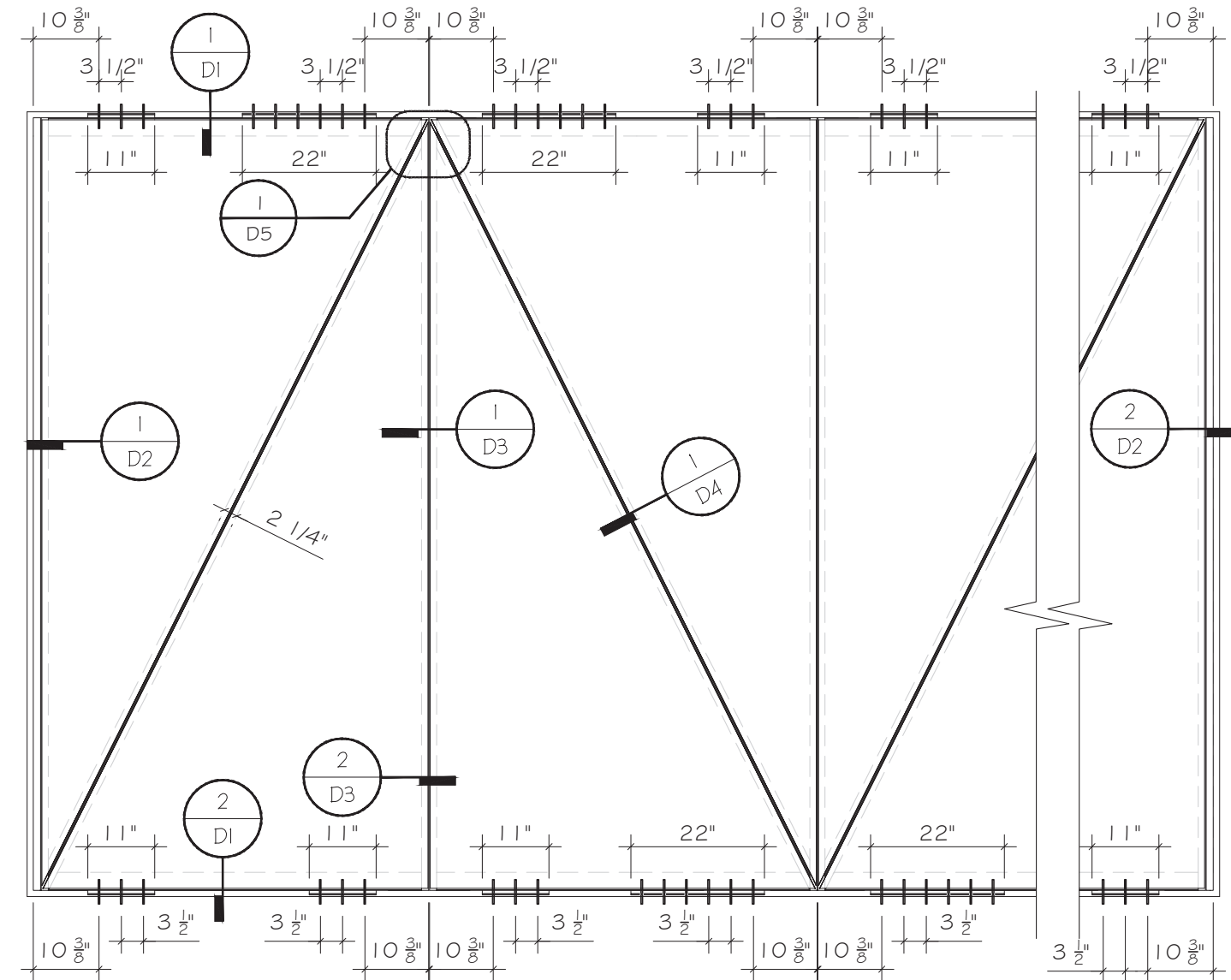
Scale

DRAWING NO.
AD25-35

COVER

Sheet No.

1 OF 11



TYPICAL WINDOW WALL ELEVATIONS

MAX. ALLOWABLE DESIGN LOAD FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC	
GLASS: G1/G2	+/- 120 PSF
GLASS: G3	+120/-160 PSF

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ES-WZ8525 WINDOW WALL SYSTEM - LMI & SMI

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TEL: (305) 624-7775

Rev. No.	Date	Drawn By	Description
R2	08.20.2026	JAMES	REVISION
R1	07.01.2025	JAMES	NEW APPLICATION

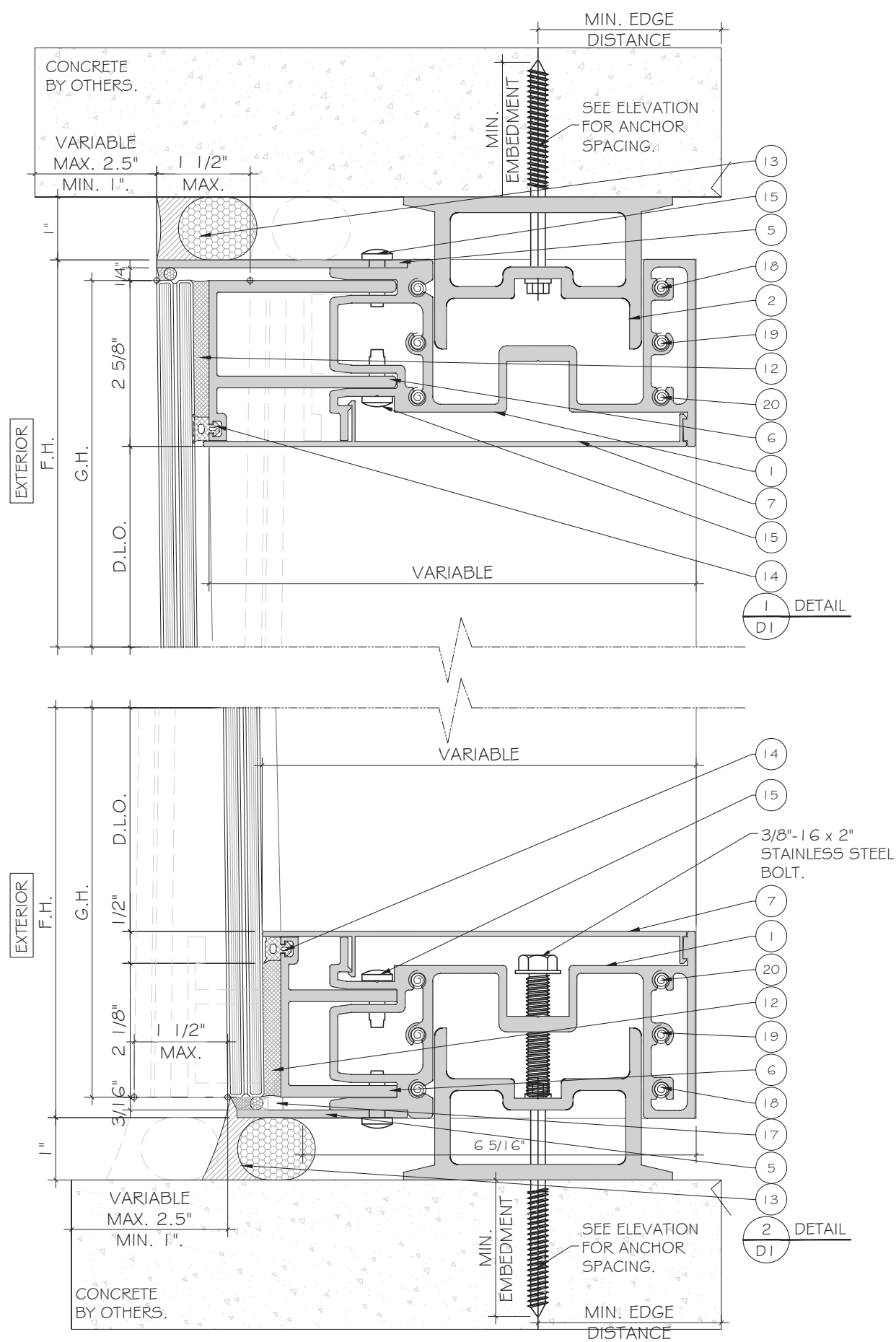
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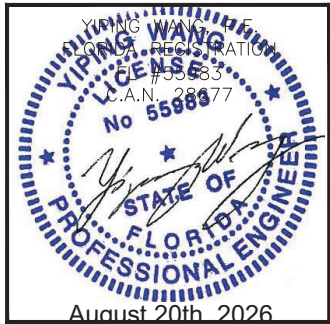
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2 OF 11



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ES-WZ8525 WINDOW WALL SYSTEM - LMI & SMI

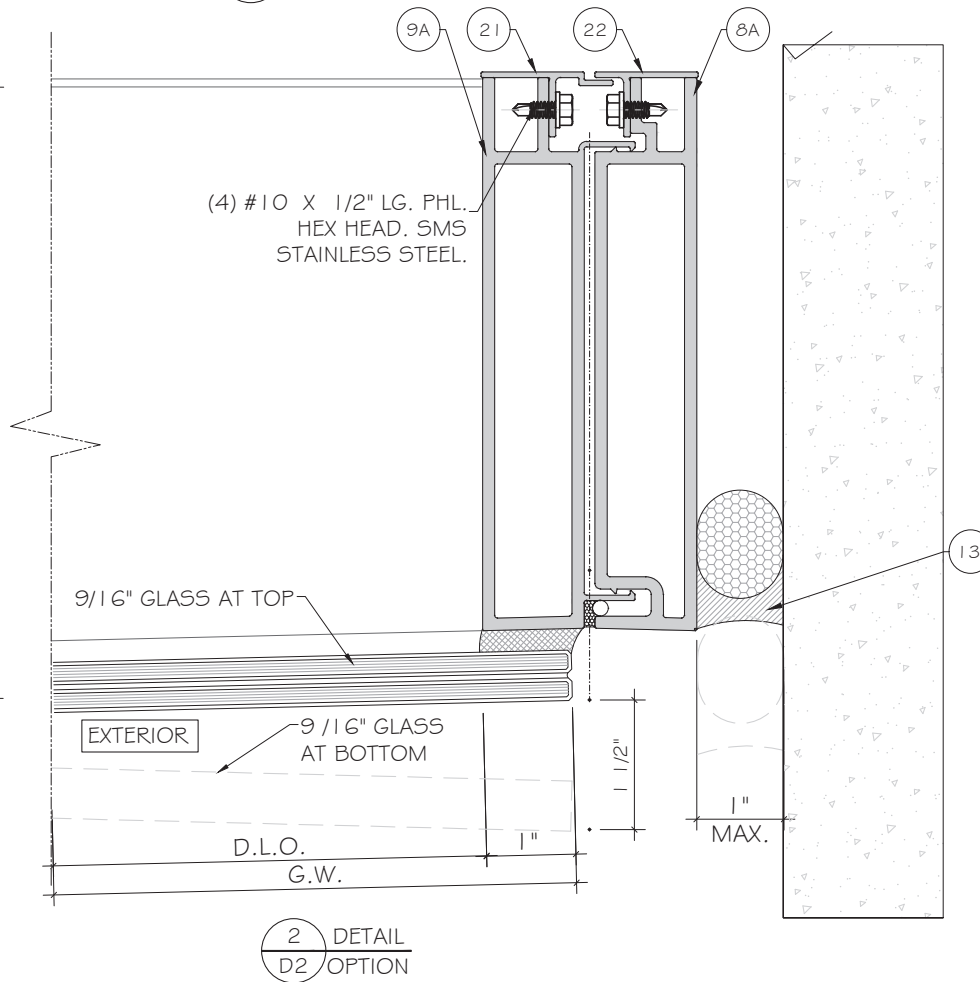
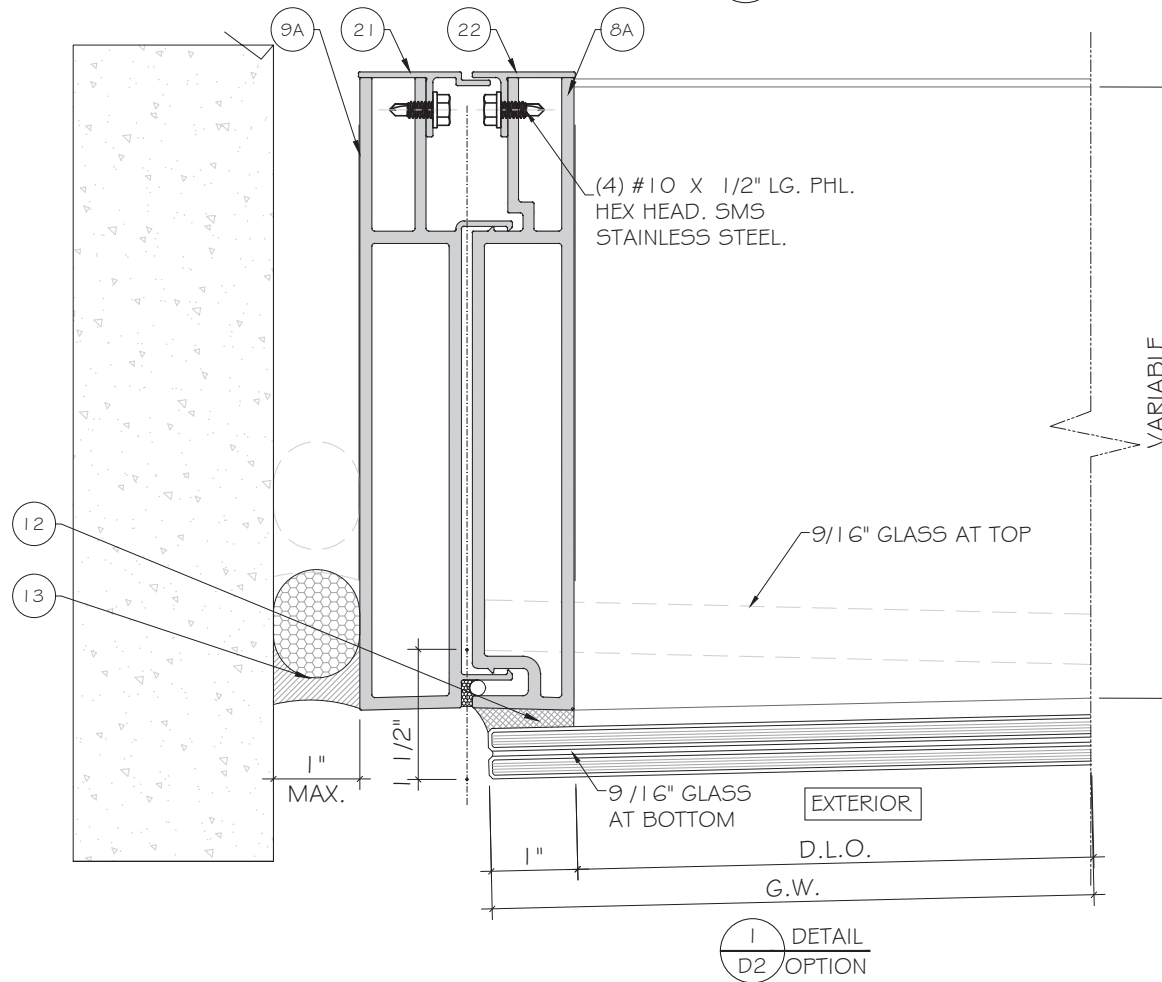
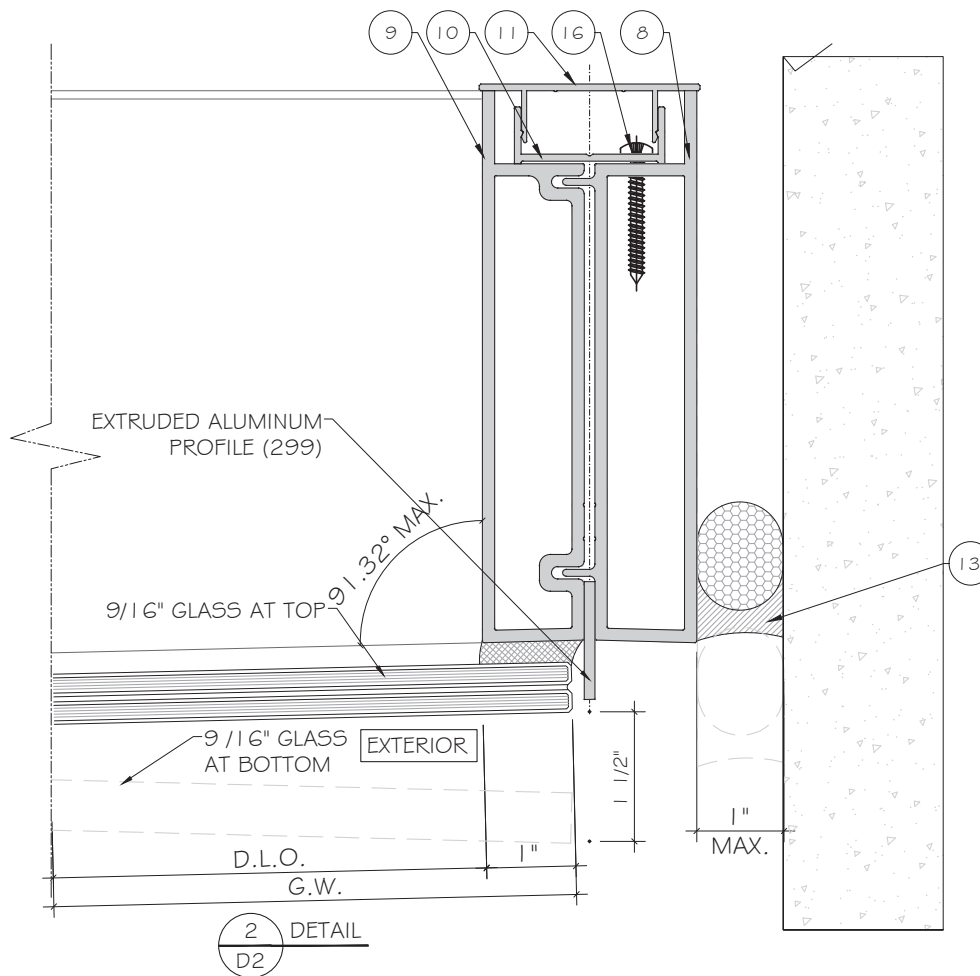
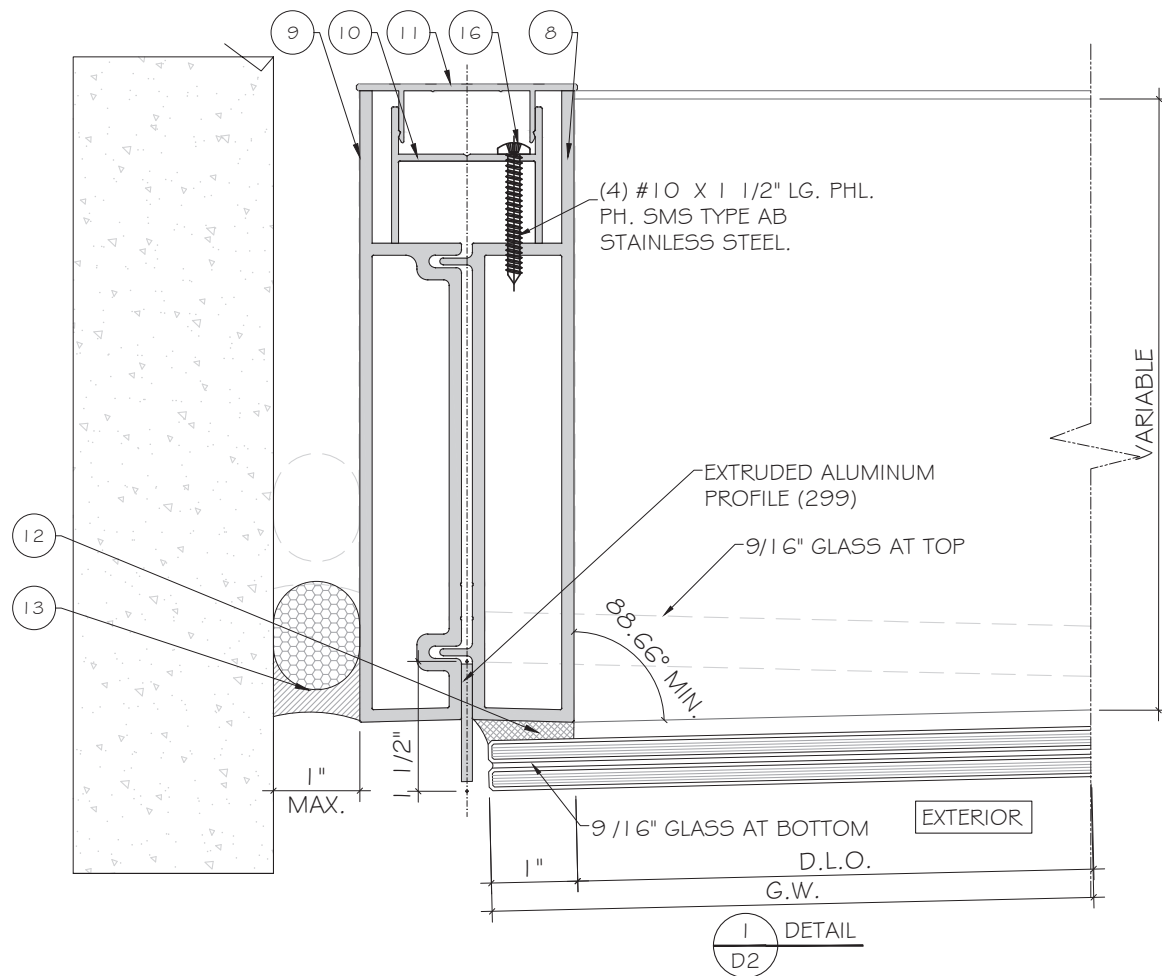
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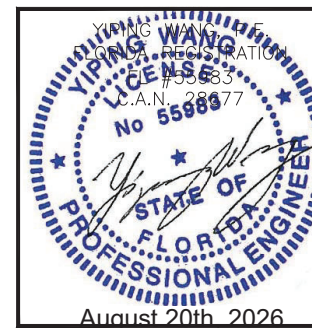
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MCY ENGINEERING, INC.
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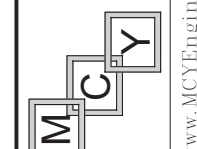
12781 MIRAMAR PKWY, STE. 301
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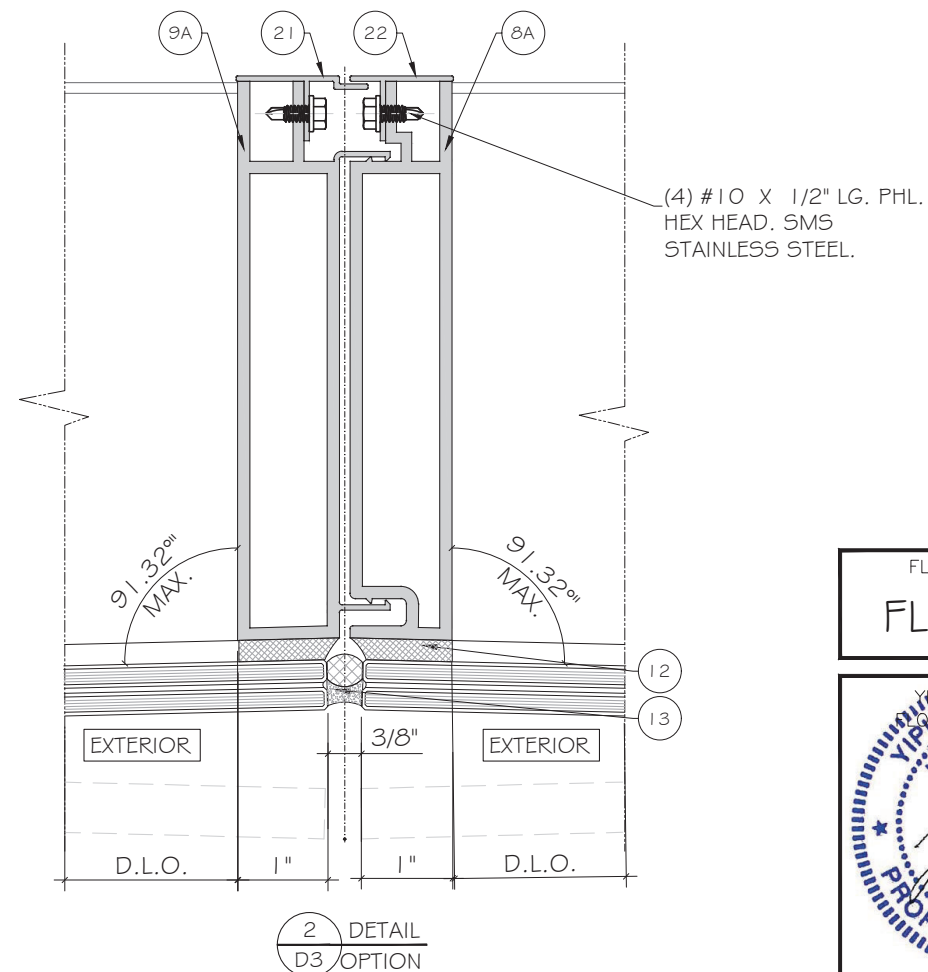
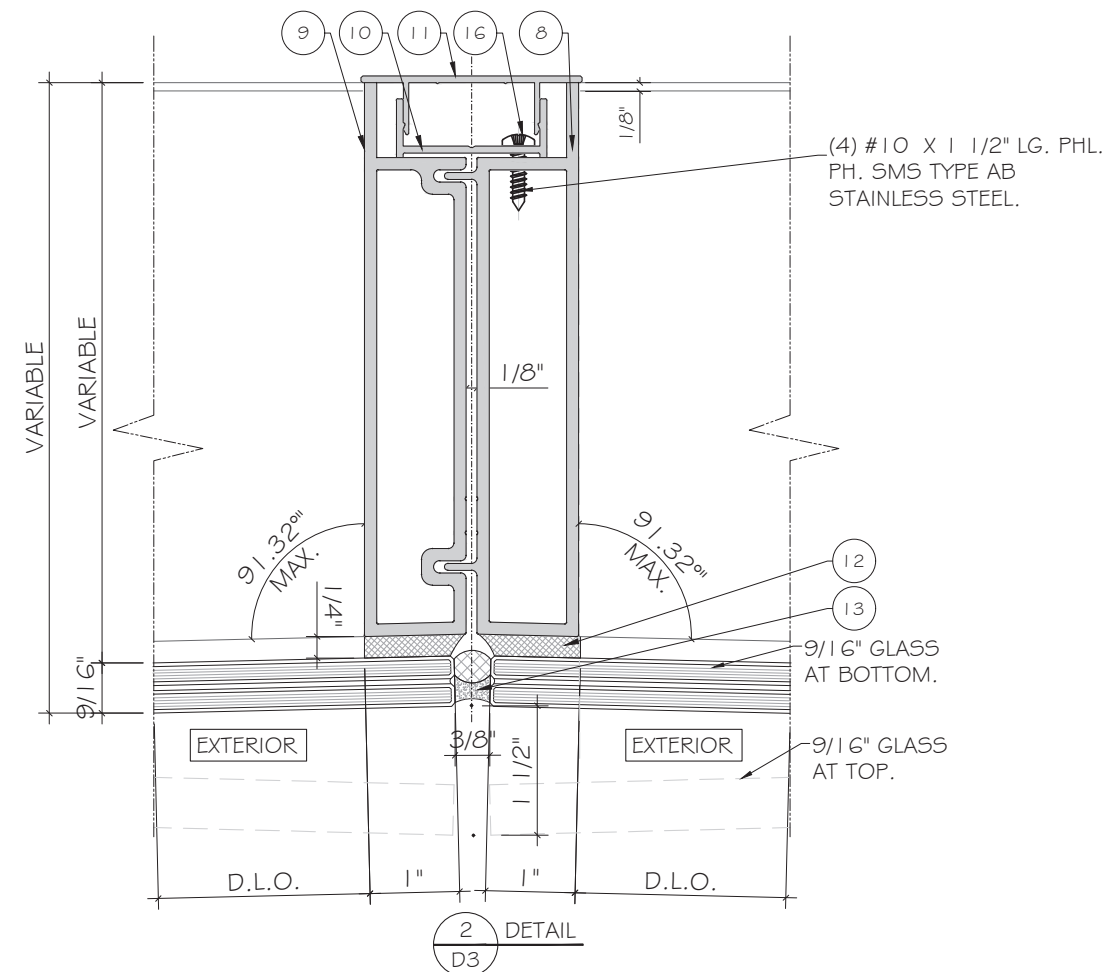
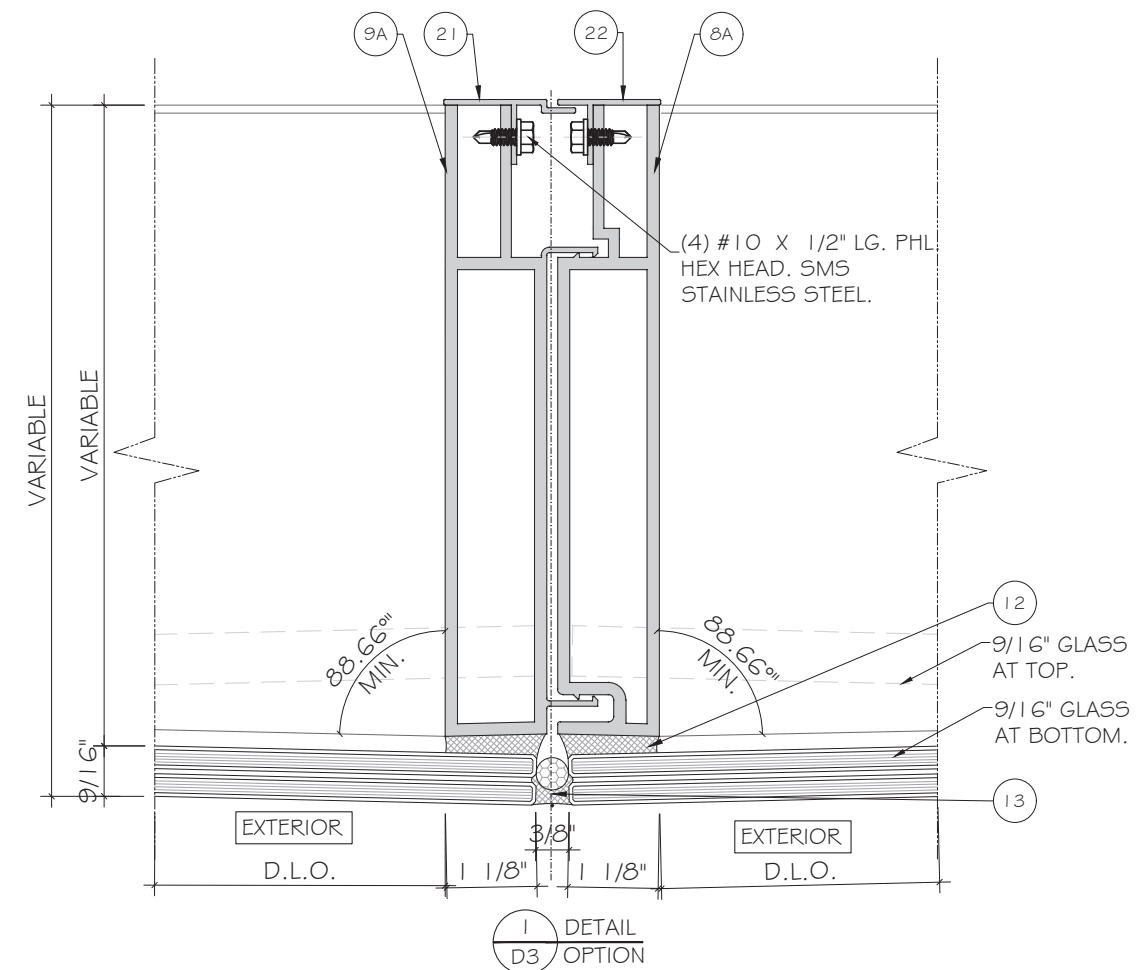
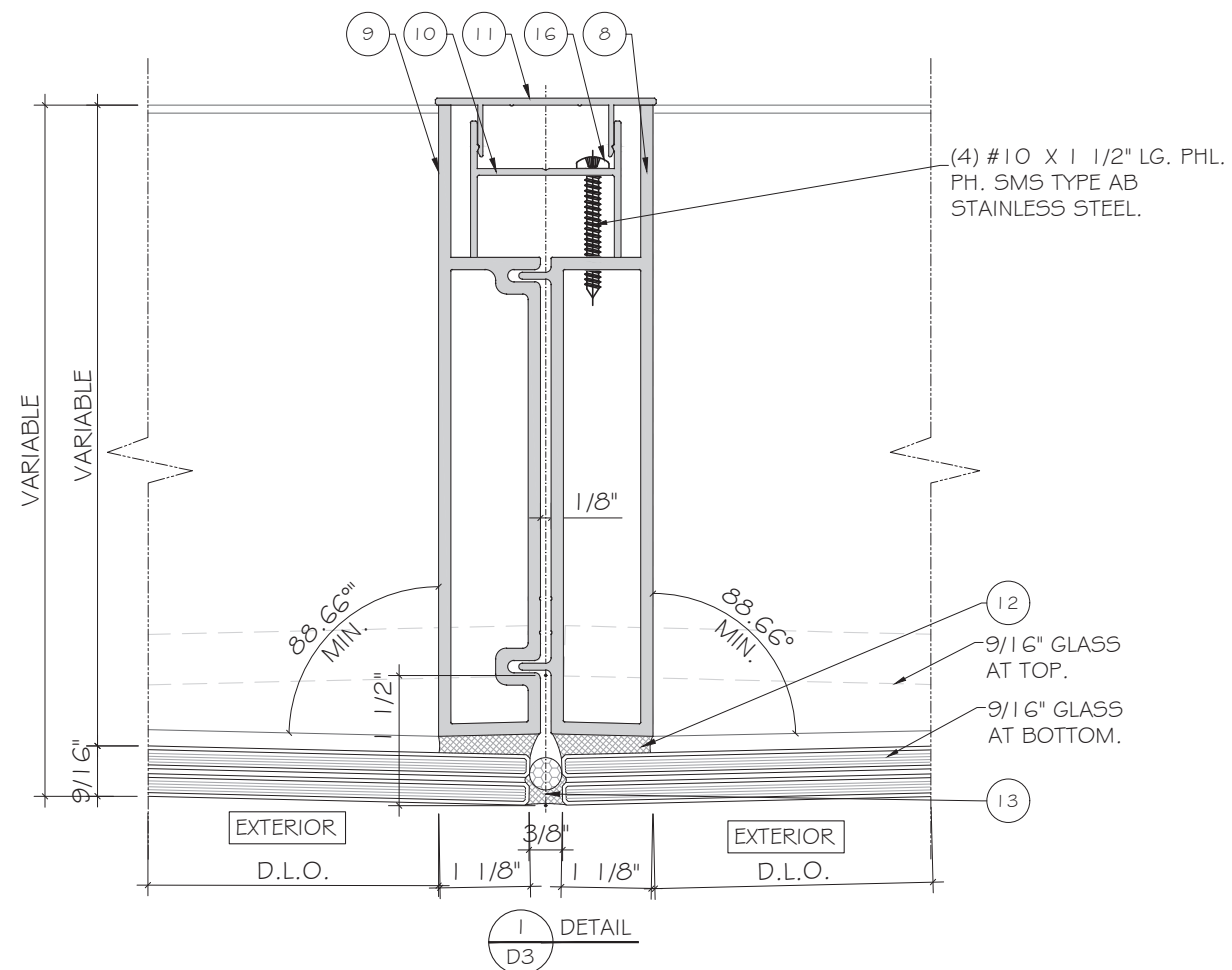


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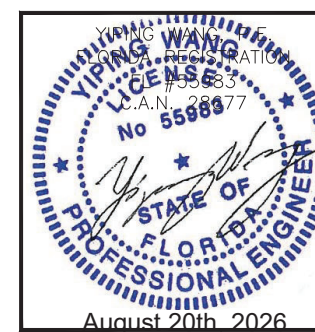


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E.S. WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL: (305) 624-7775

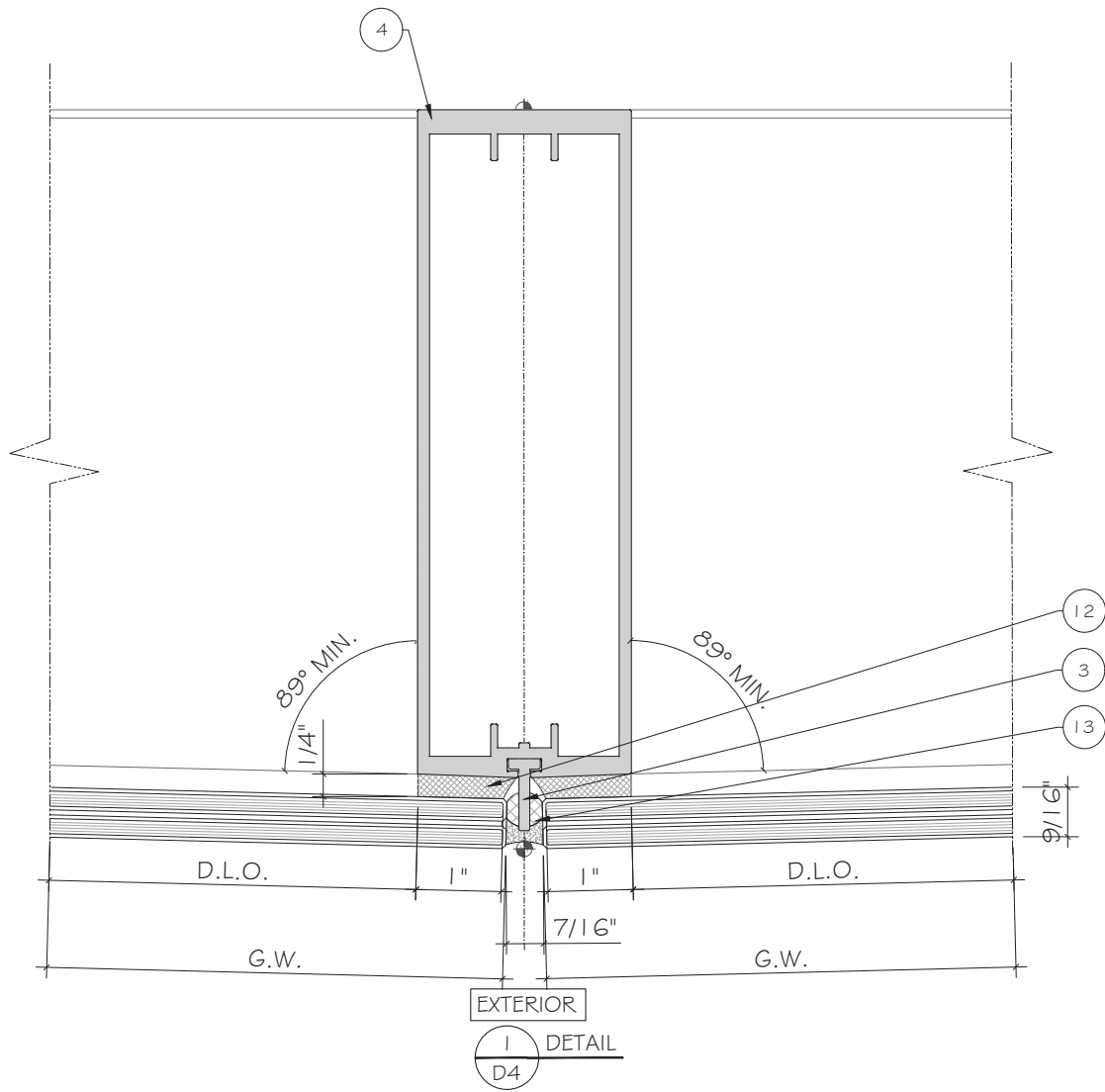
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Drawn Date: 08.20.2026 Scale: AS SHOWN			
Drawing No. AD25-35			
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ES-WZ8525 WINDOW WALL SYSTEM - LMI & SMI E.S.WINDOWS, INC. 10653 NE QUAYBRIDGE CT. MIAMI, FL 33138 TEL.(305) 624-7775					
	R2	08.20.2026	JAMES	REVISION	
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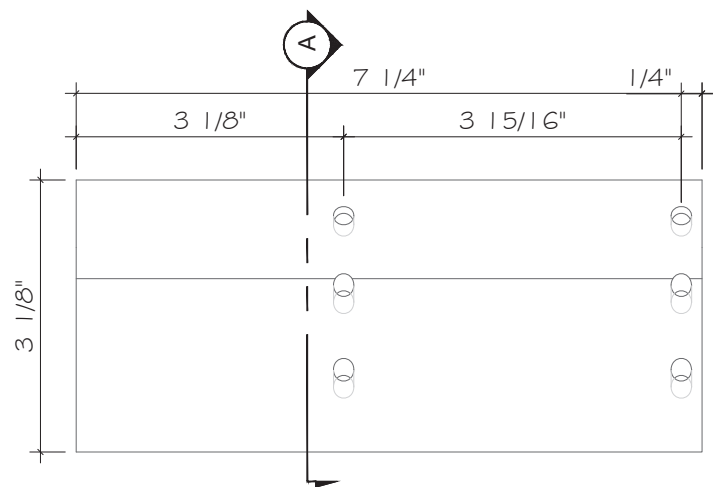
YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No 55983
August 20th, 2026

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Sheet No.		7 OF 11	

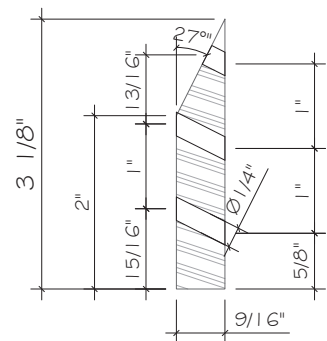
ES-WZ8525 WINDOW WALL SYSTEM - LMI & SMI

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10653 NE QUAYBRIDGE CT.
MIAMI, FL33138
TEL.(305) 624-7775

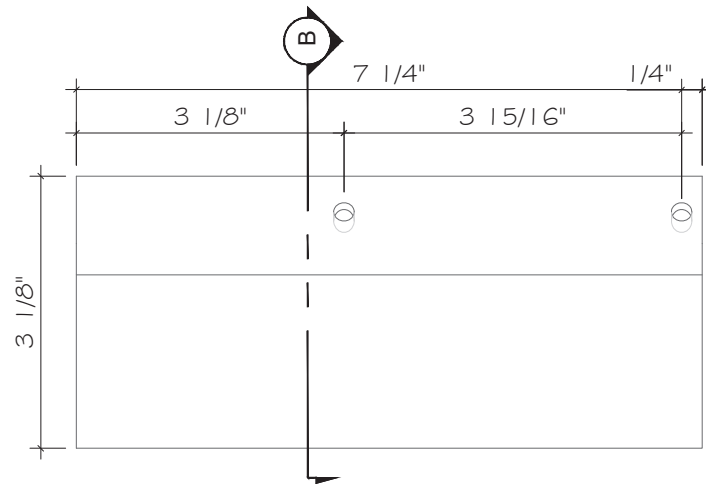
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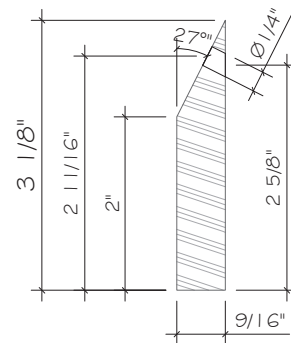
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6005-T5
FULL SCALE



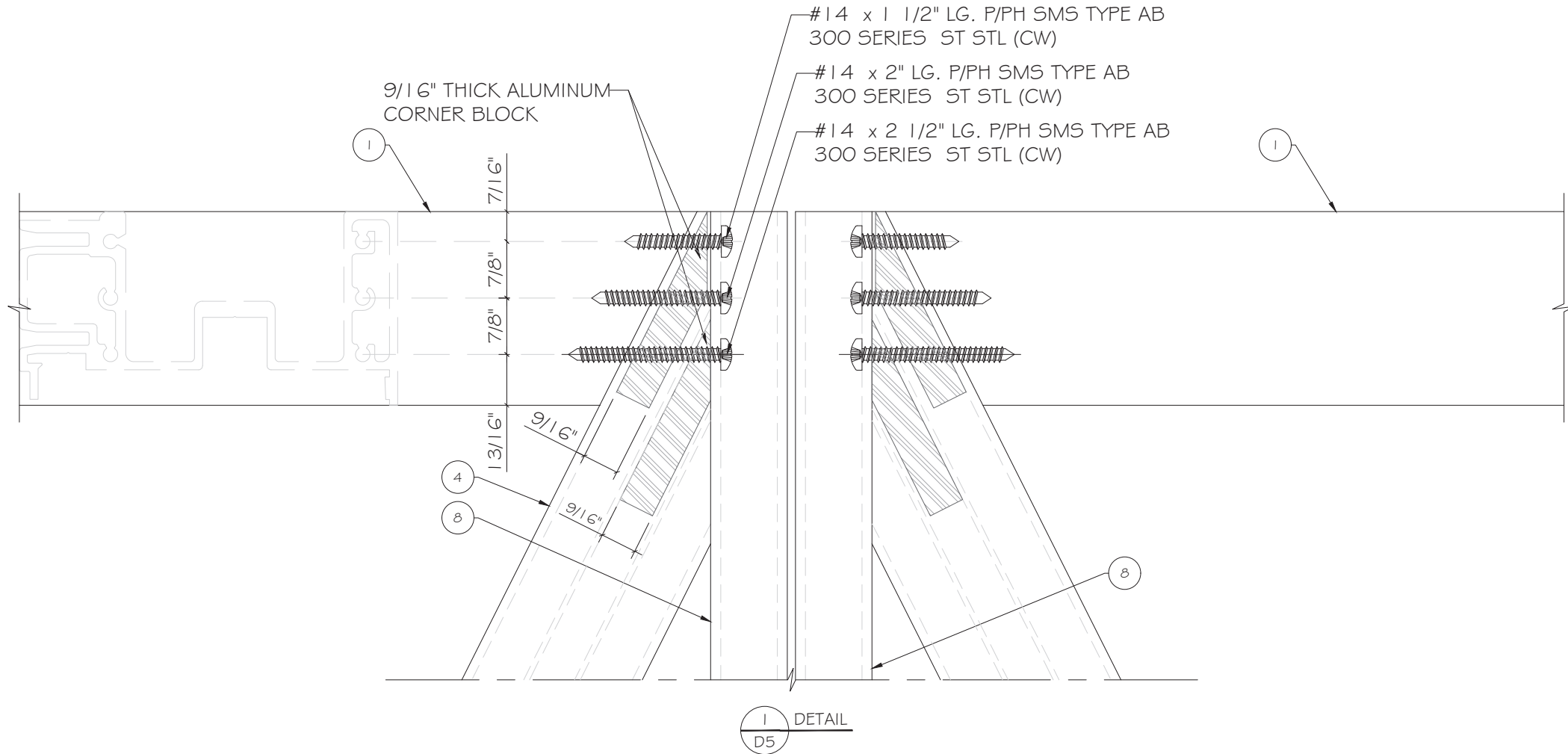
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FULL SCALE



9/16" THK. ALUMINUM PLATE ANCHOR.
6005-T5
FULL SCALE



SECTION B-B.
FULL SCALE



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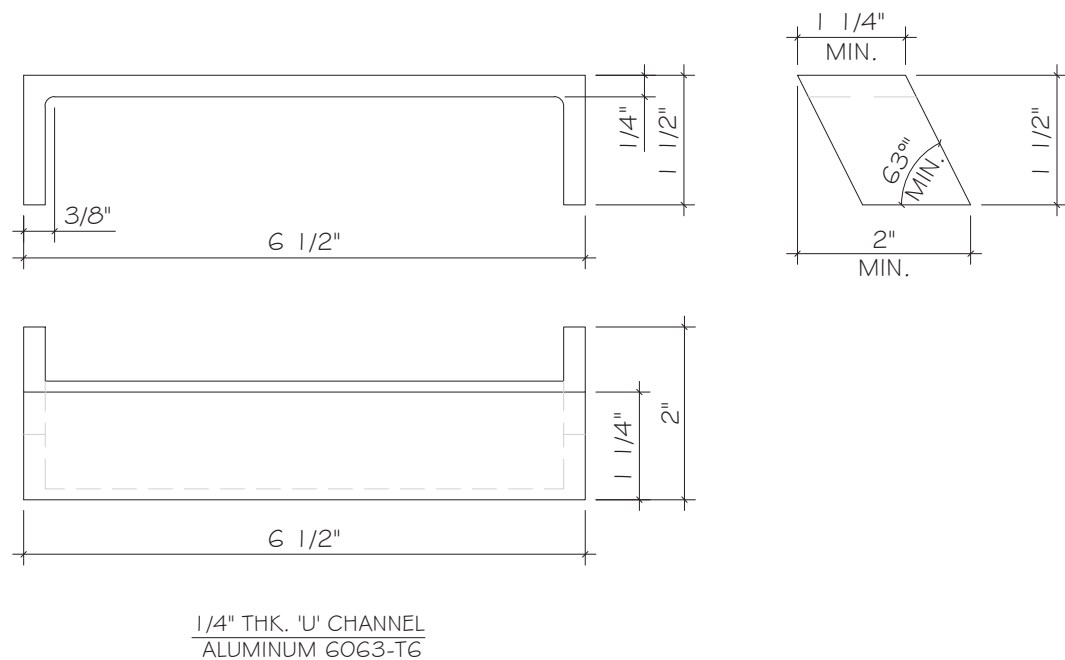
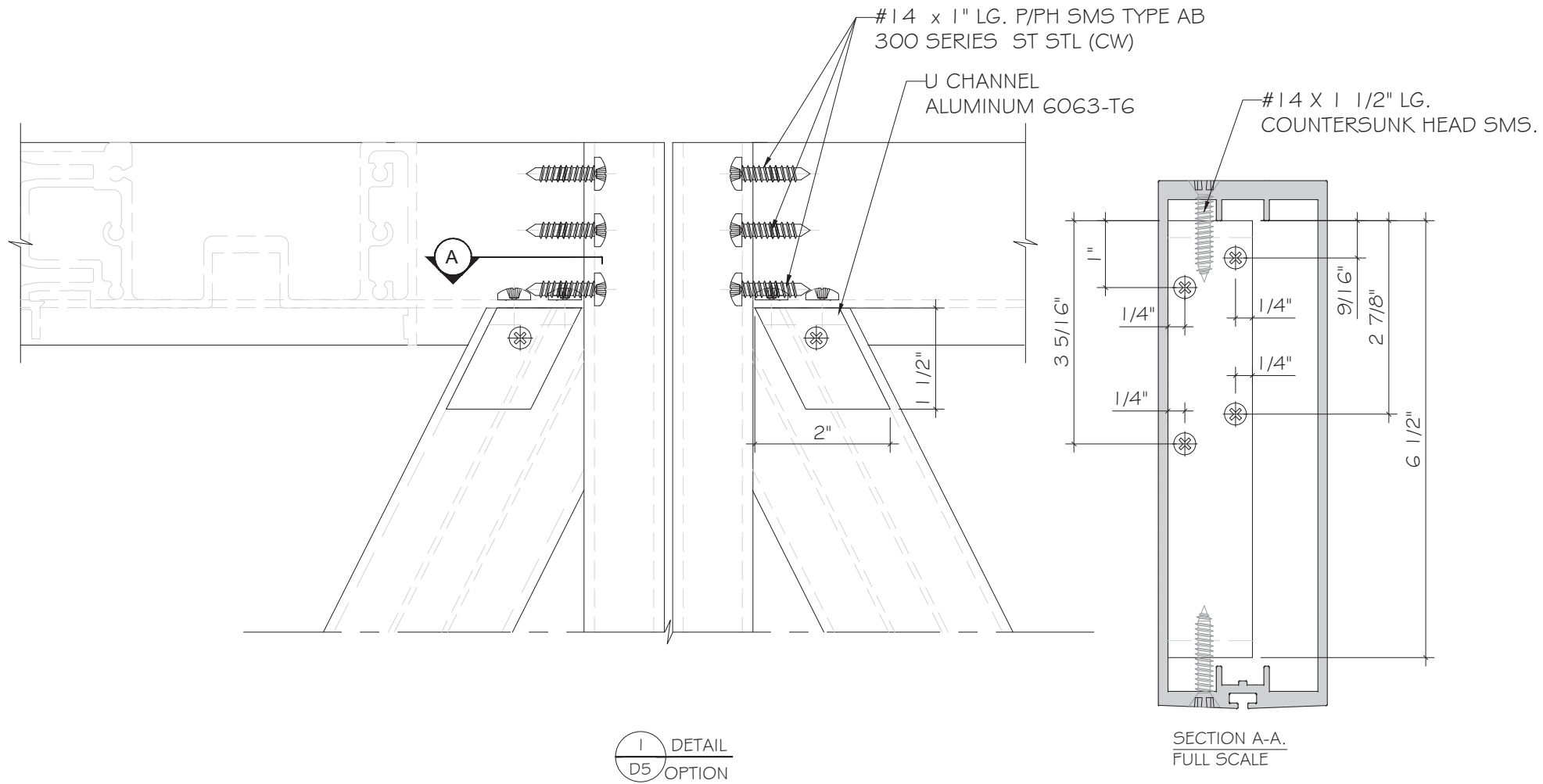
YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
No 55983
F.L.A.N. 28477

August 20th, 2026

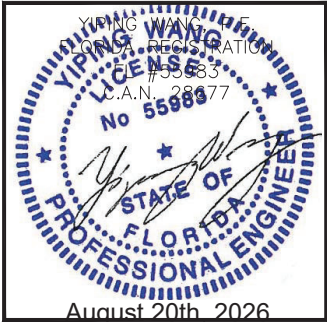
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E.S.WINDOWS, INC. 10653 NE QUAYBRIDGE CT. MIAMI, FL 33138 TEL.(305) 624-7775			
Drawn Date 08.20.2026	Scale AS SHOWN	DRAWING NO. AD25-35	
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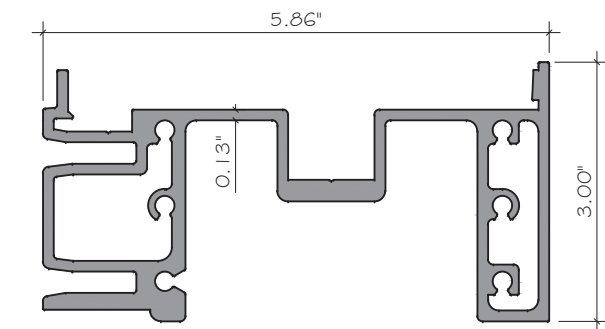
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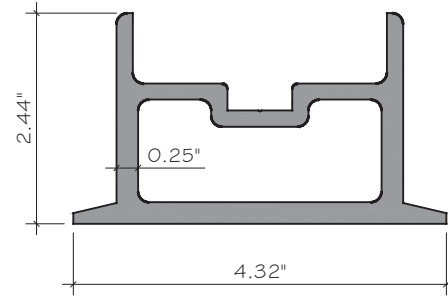
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MCY ENGINEERING, INC.
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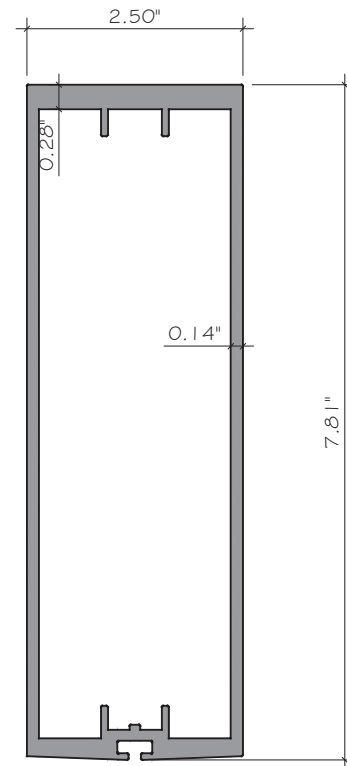
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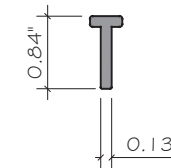
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ALUM. 6005-T5



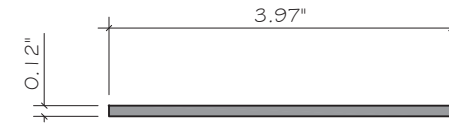
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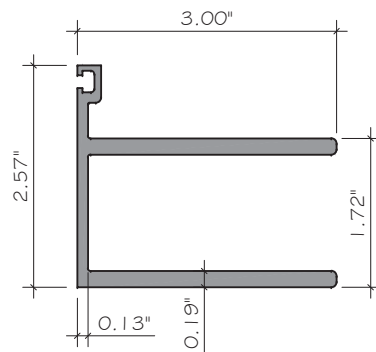
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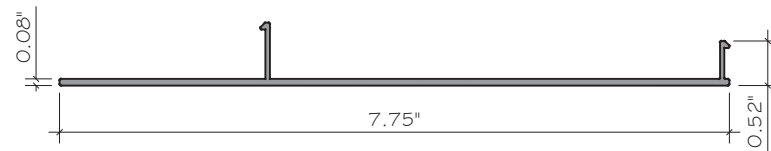
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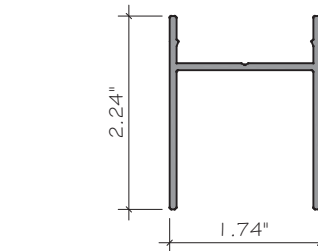
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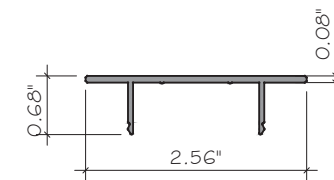
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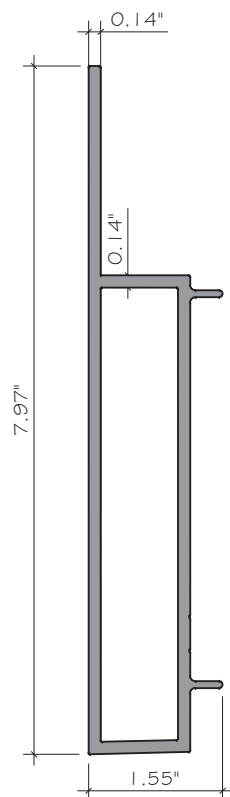
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ALUM. 6005-T5



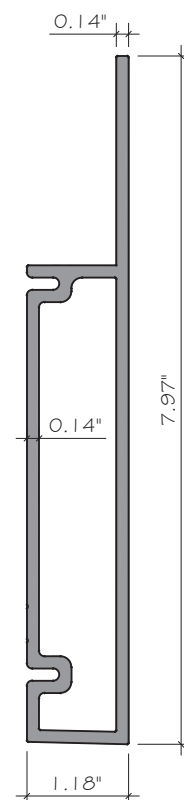
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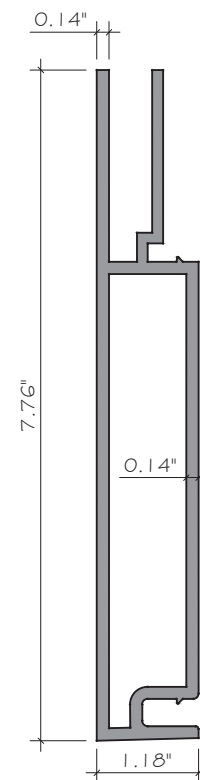
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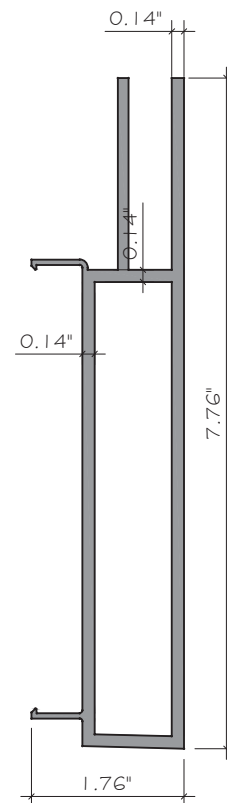
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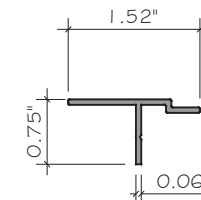
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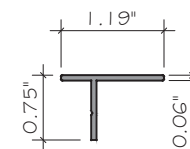
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ALUM. 6005-T5



9A FEMALE MULLION
ES-WZ8525-005.
ALUM. 6005-T5

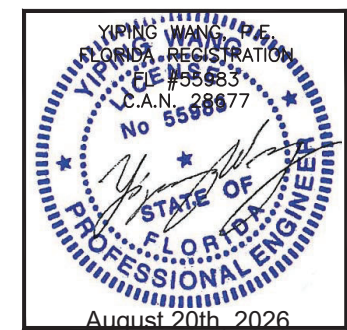


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ES-WZ8525-008.
ALUM. 6063-T5



22 VERTICAL CAP PROFILE
ES-WZ8525-009.
ALUM. 6063-T5

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