

ES.WINDOWS
ES-P300 CASEMENT WINDOW - NON IMPACT

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 NOT INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR NON IMPACT. IMPACT SHUTTERS ARE REQUIRED WHEN IT BE USED IN HVHZ.
- THESE WINDOWS 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.
- 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.
- ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.
- 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.
- HARDWARE CHECKED FOR WIND LOAD IN CLOSED POSITION ONLY; OPERATION PER MANUFACTURER'S INSTRUCTIONS. WINDOWS MUST BE CLOSED AND SECURED WHEN A HURRICANE WARNING IS ISSUED.

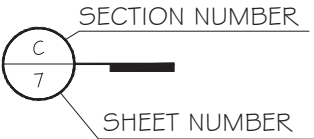
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.1.
- FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED 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, ASTMA123, OR PROTECTIVE COATING PER TPI 1).

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 E1 & E2 FOR APPROVED TYPICAL ELEVATION & CONFIGURATION. SEE SHEET G1 FOR APPROVED DESIGN LOAD.
- STEP 3: ANCHOR OPTION SEE SHEET A1 TO A7. ANCHOR SPACING SEE SHEET C1 TO C2.
- 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.

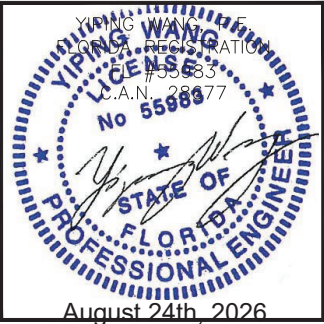
ABBREVIATIONS AND SYMBOLS

- 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 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#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL33138
TEL.(305)624-7775

M

C

Y

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301

MIRAMAR, FL 33027

P: 305.588.5224

www.MCYEngineering.com

mcy@mcyengineering.com



D.L.O. HEIGHT = WINDOW HEIGHT - 6 3/8"
D.L.O. WIDTH = WINDOW WIDTH - 6 3/8"
SEE SHEET A1 & A5 FOR ANCHOR TYPES.
SEE SHEET C1 & C2 FOR ANCHOR SPACING.

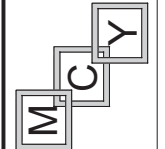


D.L.O. HEIGHT = WINDOW HEIGHT - 6 3/8"
D.L.O. WIDTH = WINDOW WIDTH - 6 3/8"
SEE SHEET A2 & A6 FOR ANCHOR TYPES.
SEE SHEET C1 & C2 FOR ANCHOR SPACING

[illegible]

ES-P300 CASEMENT WINDOW - NON IMPACT

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



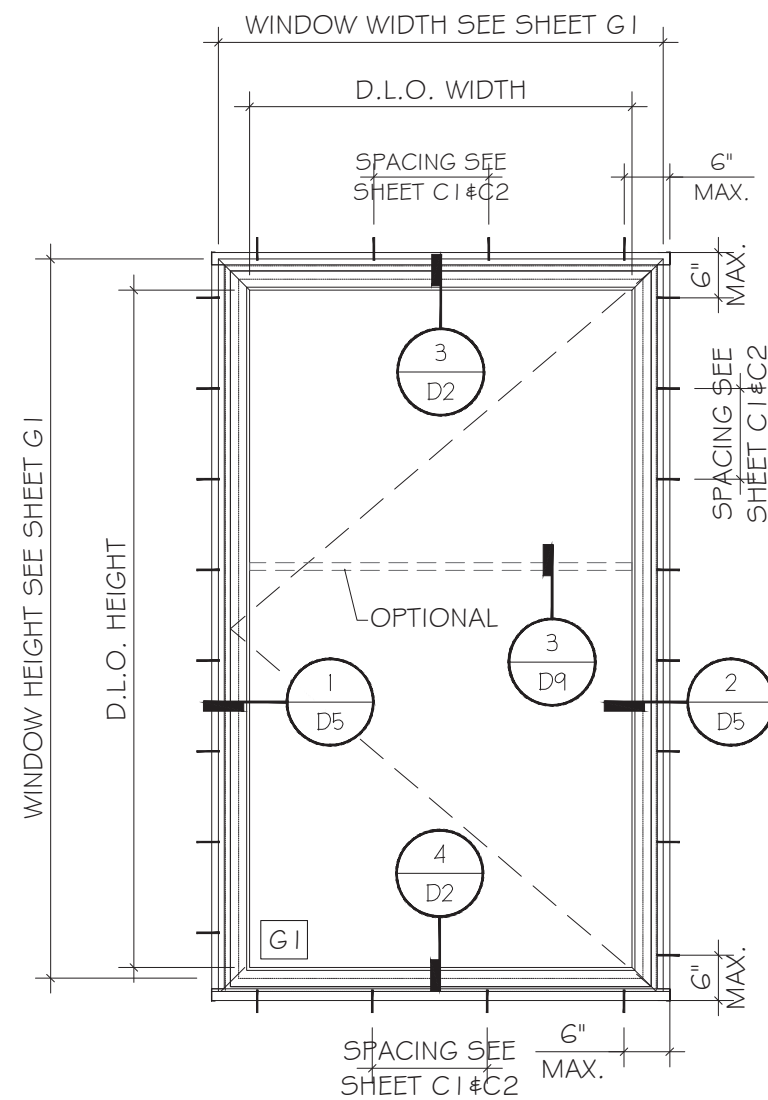
MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY.STE.301

MIRAMAR, FL 33027 P: 305.588.5224

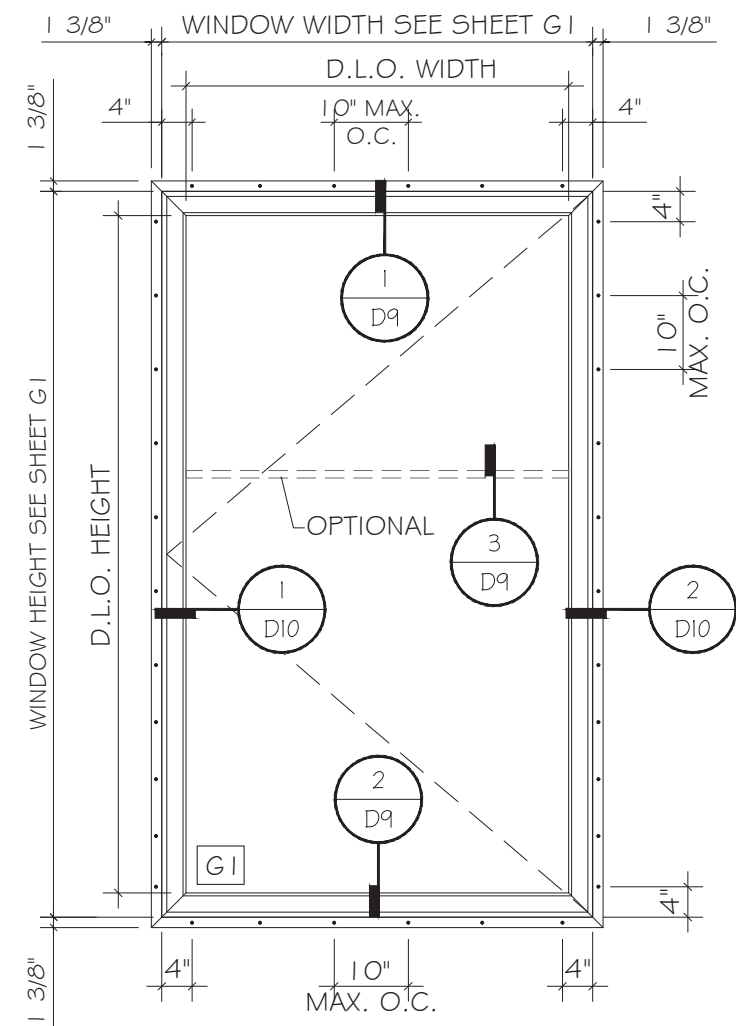
mcy@mcyengineering.com



ANCHOR WITH RECEPTOR

TYPICAL WINDOW ELEVATIONS

D.L.O. HEIGHT = WINDOW HEIGHT - 7 5/16"
D.L.O. WIDTH = WINDOW WIDTH - 8 1/4"
SEE SHEET A3 & A7 FOR ANCHOR TYPES.
SEE SHEET C1 & C2 FOR ANCHOR SPACING.



NAIL FIN WINDOW

TYPICAL WINDOW ELEVATIONS

D.L.O. HEIGHT = WINDOW HEIGHT - 6 3/8"
D.L.O. WIDTH = WINDOW WIDTH - 6 3/8"
SEE SHEET A4 FOR ANCHOR TYPES.

FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

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

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date 08.24.2026 Scale			
DRAWING NO. AD21-52			
E2			
Sheet No. 3 OF 27			

CHART 1 : DIRECT ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE A INTO WOOD	TYPE B INTO CONCRETE	TYPE C INTO METAL
36.0	100.0	100.0	12.8	13.4	12.4
42.0	100.0	100.0	11.0	11.5	10.6
48.0	95.0	100.0	9.6	10.1	9.3
54.0	84.0	95.0	9.0	9.4	8.7
57.0	80.0	90.0	9.0	9.4	8.7
60.0	76.0	86.0	8.9	9.4	8.7

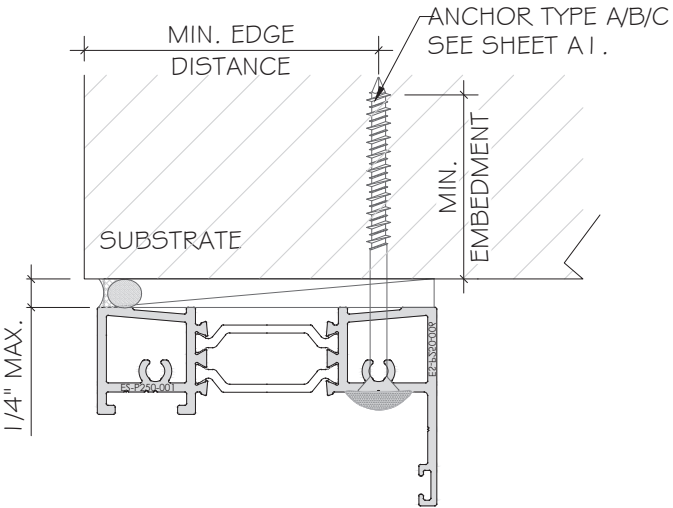


CHART 2: STRAP ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE D INTO WOOD	TYPE E INTO CONCRETE	TYPE F INTO METAL
36.0	100.0	100.0	10.4	15.2	16.0
42.0	100.0	100.0	8.9	13.0	15.2
48.0	95.0	100.0	7.8	11.4	13.3
54.0	84.0	95.0	7.3	10.7	12.5
57.0	80.0	90.0	7.3	10.7	12.5
60.0	76.0	86.0	7.3	10.6	12.4

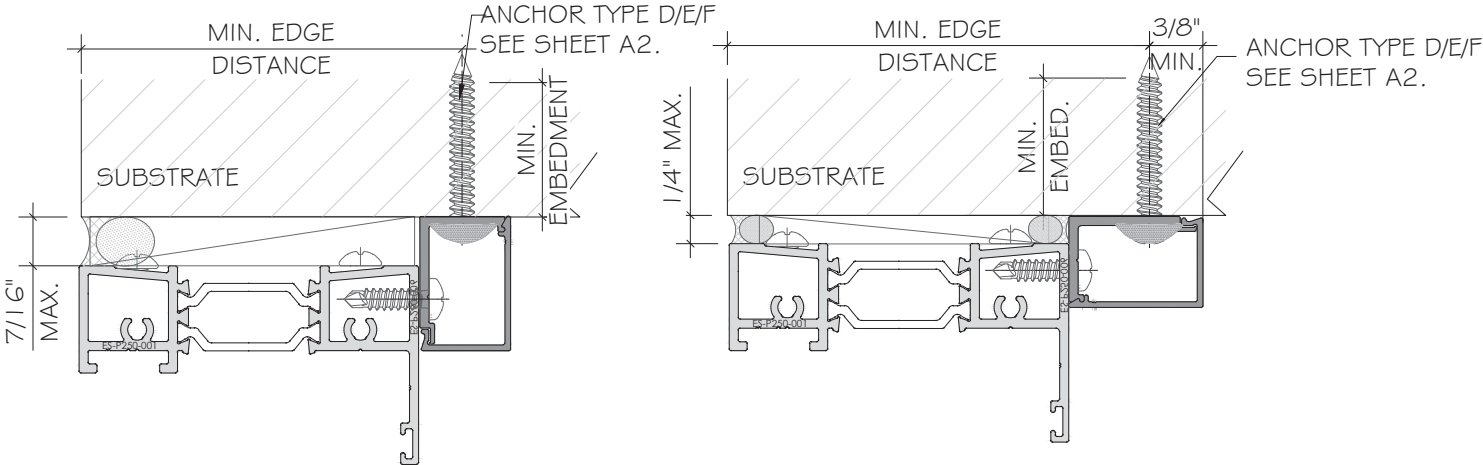
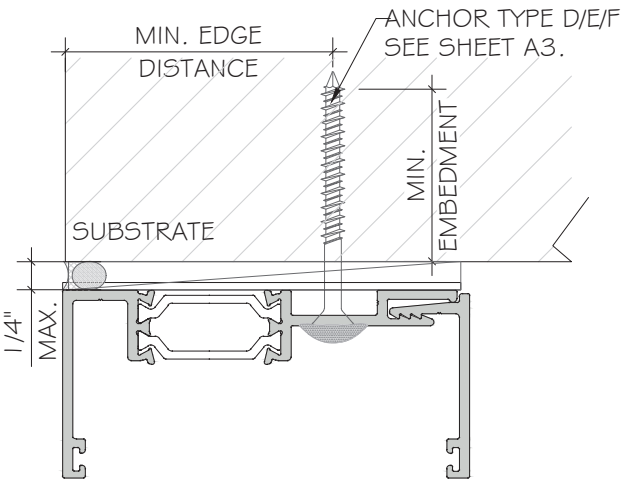
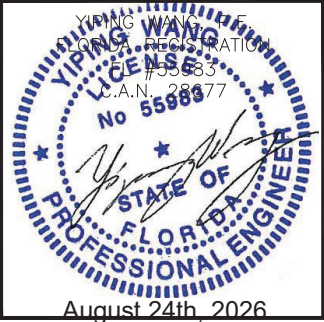


CHART 3: RECEPTOR ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE D INTO WOOD	TYPE E INTO CONCRETE	TYPE F INTO METAL
36.0	100.0	100.0	11.4	16.0	16.0
42.0	100.0	100.0	9.7	14.7	16.0
48.0	95.0	100.0	9.0	13.6	16.0
54.0	84.0	95.0	9.0	13.7	16.0
57.0	80.0	90.0	9.0	13.6	16.0
60.0	76.0	86.0	9.0	13.6	16.0



FLORIDA APPROVAL:
FL#40521.2



MCY

ENGINEERING

INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

ES-P300 CASEMENT WINDOW - NON IMPACT

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

					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					REVISION	
					RE	

CHART 4: DIRECT ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE G INTO WOOD	TYPE H INTO CONCRETE	TYPE F INTO METAL
36.0	100.0	100.0	16	16.0	16.0
42.0	100.0	100.0	16	16.0	16.0
48.0	95.0	100.0	15.4	16.0	16.0
54.0	84.0	95.0	14.4	16.0	16.0
57.0	80.0	90.0	14.4	16.0	16.0
60.0	76.0	86.0	14.3	16.0	16.0

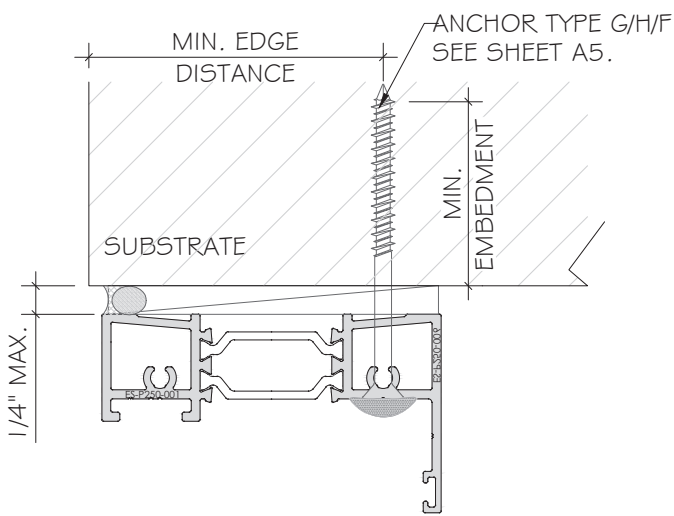


CHART 5: STRAP ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE G INTO WOOD	TYPE H INTO CONCRETE	TYPE F INTO METAL
36.0	100.0	100.0	12.0	16.0	16.0
42.0	100.0	100.0	10.3	16.0	15.8
48.0	95.0	100.0	9.0	15.3	13.8
54.0	84.0	95.0	8.4	14.3	12.9
57.0	80.0	90.0	8.4	14.3	12.9
60.0	76.0	86.0	8.4	14.2	12.8

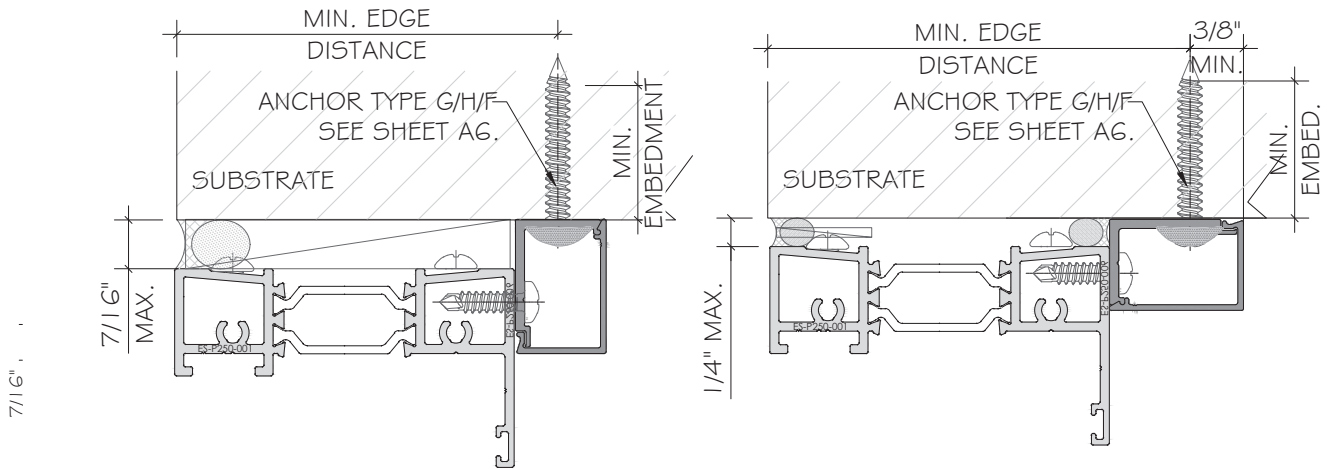
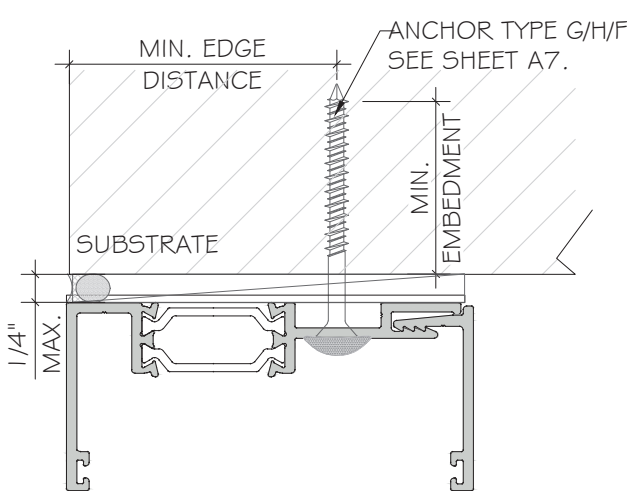
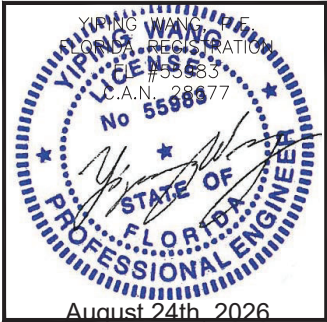


CHART 6: RECEPTOR ANCHOR OPTION					
MAX. WINDOW WIDTH (INCH)	ALLOWABLE LOAD (EXT+)PSF	ALLOWABLE LOAD (INT-)PSF	ANCHOR SPACING (INCH)		
			TYPE G INTO WOOD	TYPE H INTO CONCRETE	TYPE F INTO METAL
36.0	100.0	100.0	13.0	16.0	16.0
42.0	100.0	100.0	11.1	16.0	16.0
48.0	95.0	100.0	10.2	16.0	16.0
54.0	84.0	95.0	10.3	16.0	16.0
57.0	80.0	90.0	10.2	16.0	16.0
60.0	76.0	86.0	10.2	16.0	16.0



FLORIDA APPROVAL:
FL#40521.2



MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

ES-P300 CASEMENT WINDOW - NON IMPACT

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

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TYPICAL ANCHOR TYPES:

ANCHOR TYPE 'A' - 3/16" DIA. ULTRACON BY 'DEWALT'(Fu=164 KSI, Fy=117 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (SG=0.55 MIN.)
W/ 1 1/2" MIN. PENETRATION. (HEAD/JAMB/SILL)
OR THRU 1BY WOOD BUCK INTO CONCRETE. $f_c=3050$ PSI MIN.
W/ 1 3/4" MIN. EMBEDMENT. (HEAD/JAMB/SILL)

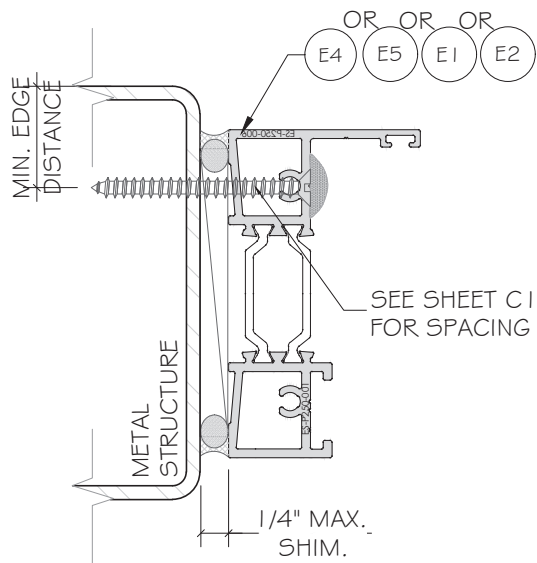
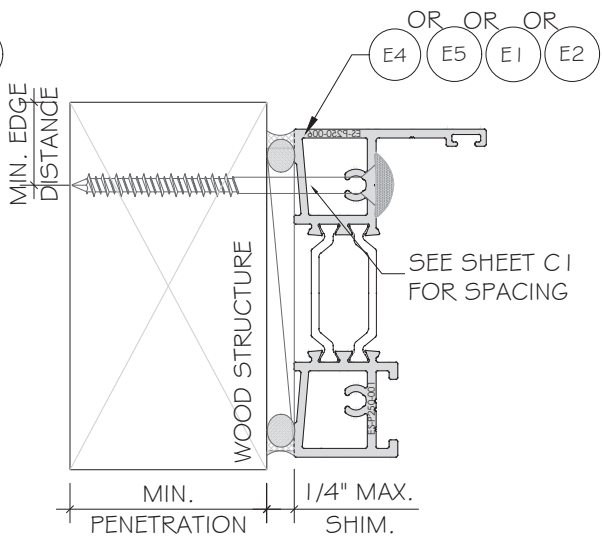
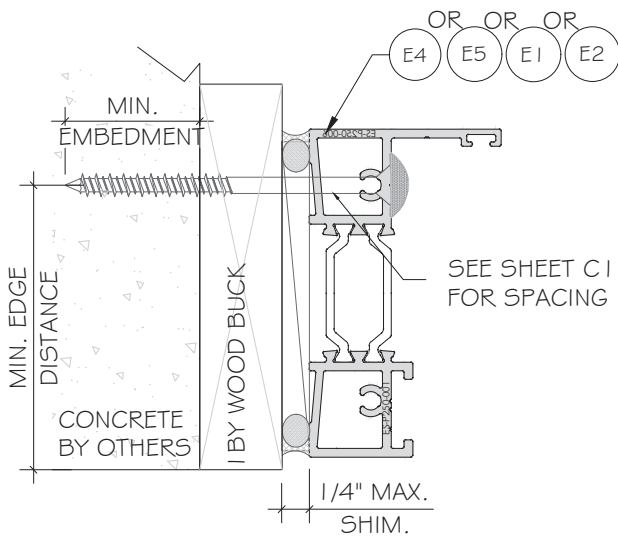
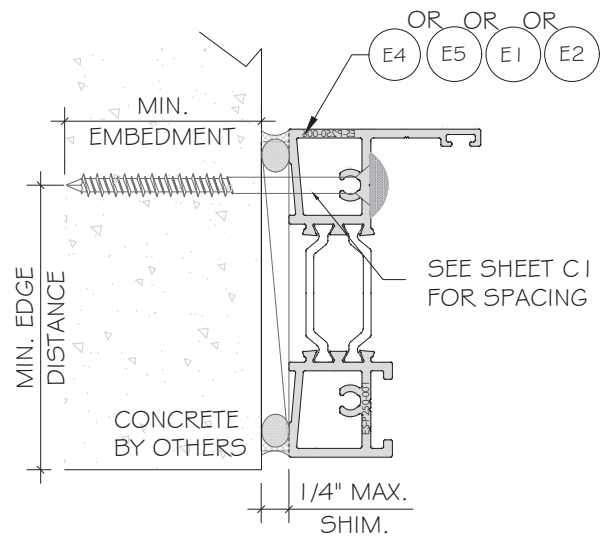
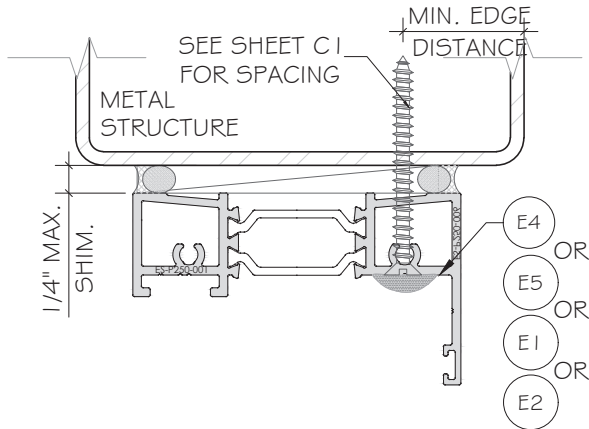
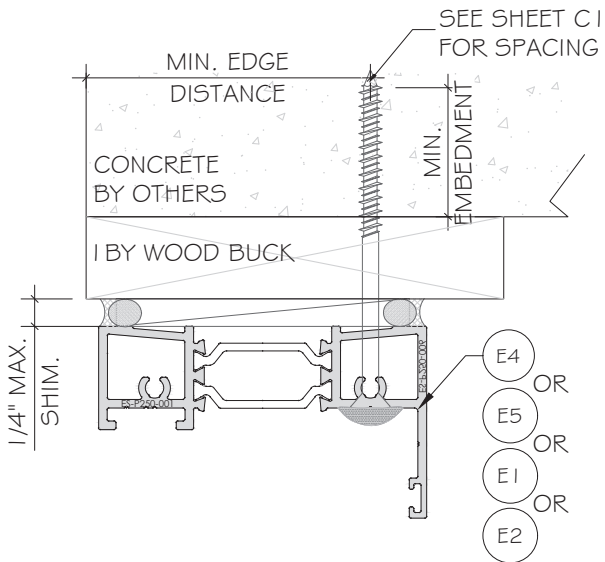
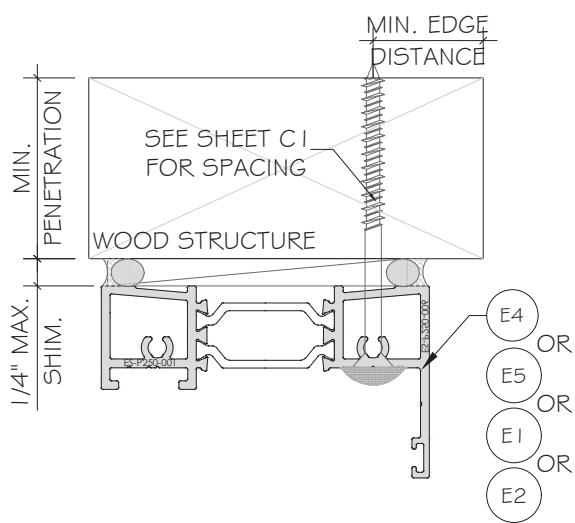
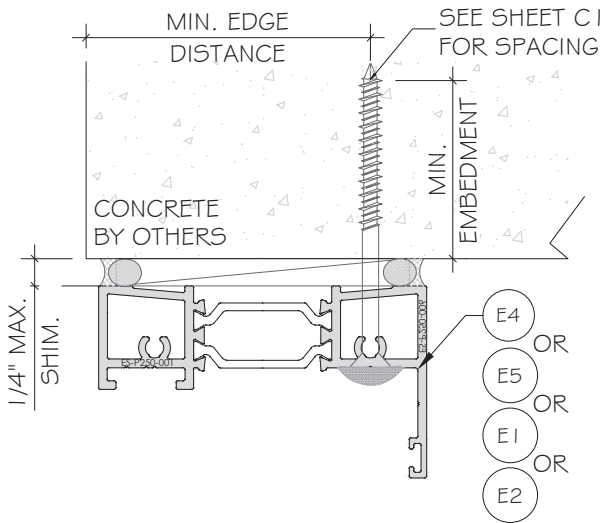
ANCHOR TYPE 'B' - 3/16" DIA. ULTRACON BY 'DEWALT'(Fu=164 KSI, Fy=117 KSI)
DIRECTLY INTO CONCRETE $f_c=3050$ PSI MIN.
W/ 1 3/4" MIN. EMBEDMENT. (HEAD/JAMB/SILL)

ANCHOR TYPE 'C' - #10 - SELF DRILLING SCREW GRADE 5 (Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED MULLIONS
OR INTO METAL STRUCTURES. (HEAD/JAMB/SILL)
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

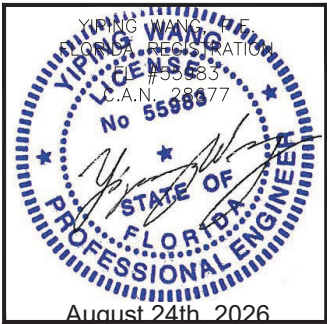
ALUMINUM: 1/8" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1" MIN.
INTO METAL STRUCTURE = 1/2" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

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

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date	08.24.2026	Scale	
DRAWING NO.	AD21-52		
SHEET NO.	A1		
8	OF 27		

TYPICAL ANCHOR TYPES:

ANCHOR TYPE 'D' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu=164KSI, Fy=148KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (SG=0.55 MIN.)
W/ 1 1/2" MIN. PENETRATION. (HEAD/JAMB/SILL)
OR THRU 1 BY WOOD BUCK INTO CONCRETE f_c=3050 PSI MIN.
W/ 1 3/4" MIN. EMBED. (HEAD/JAMB/SILL)

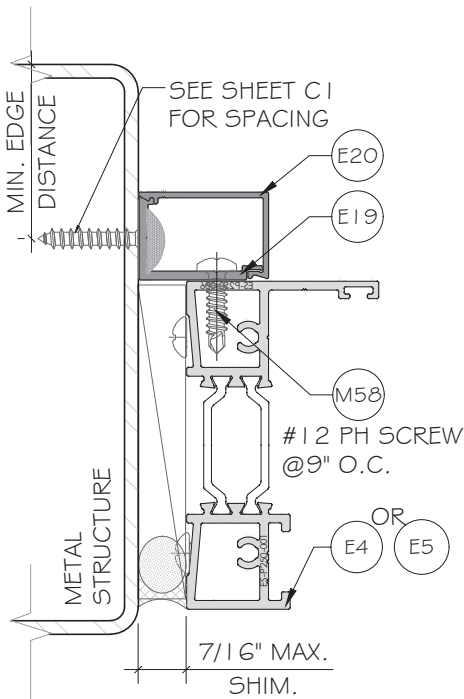
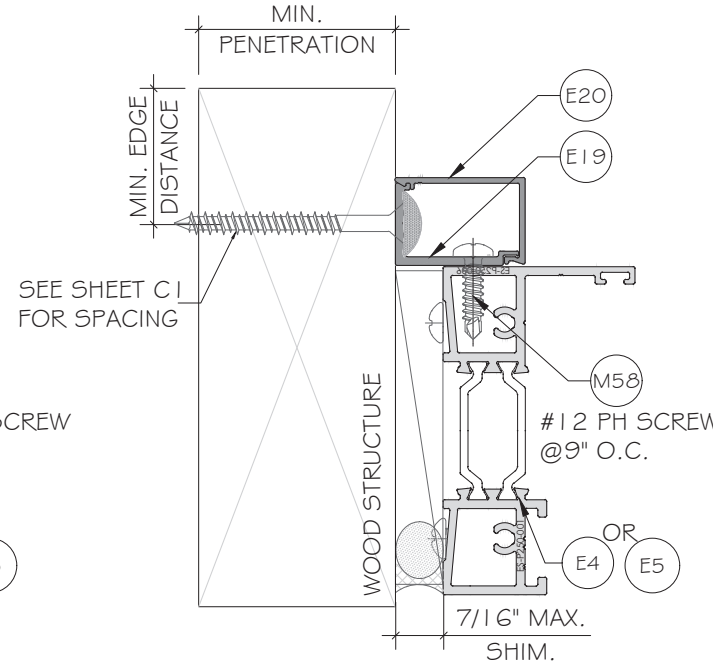
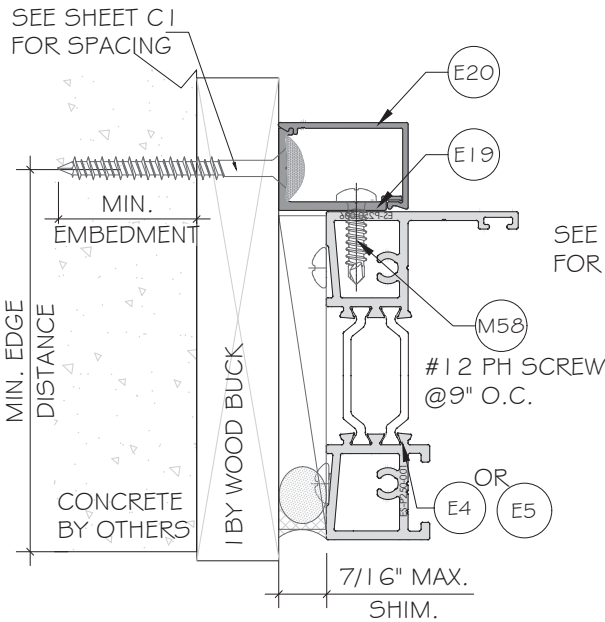
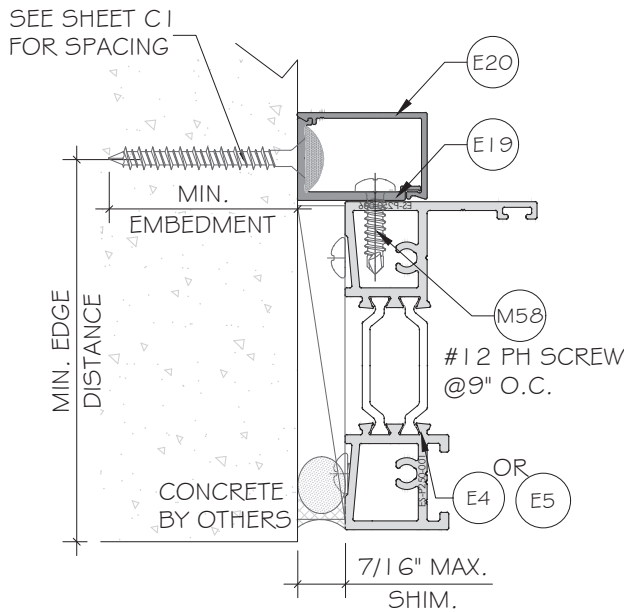
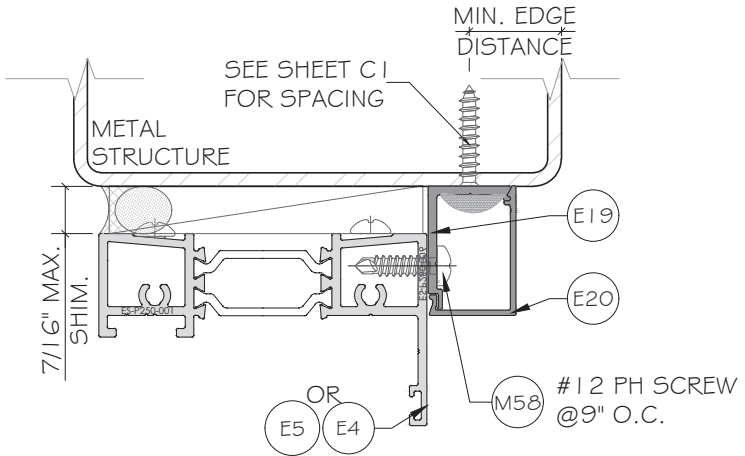
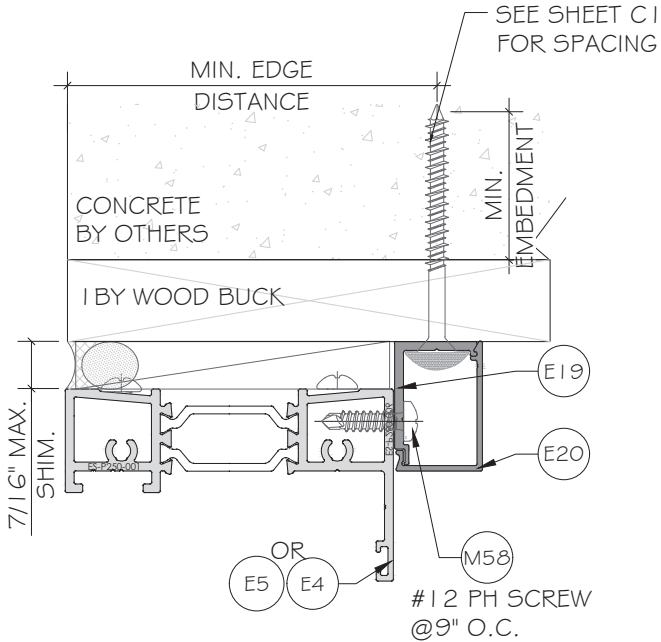
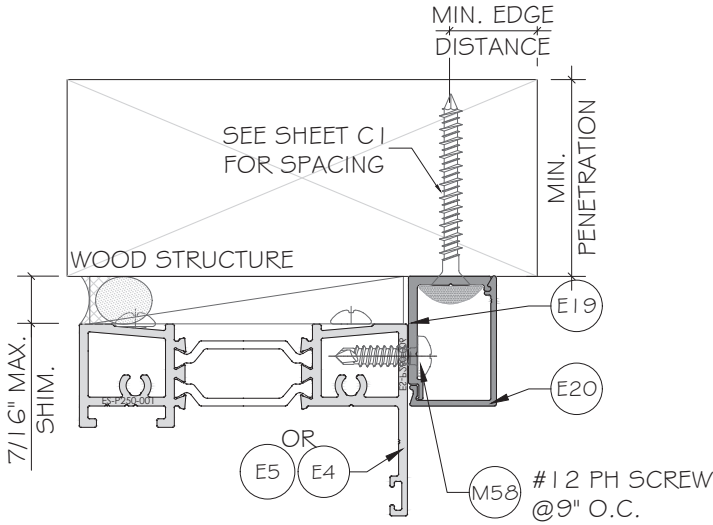
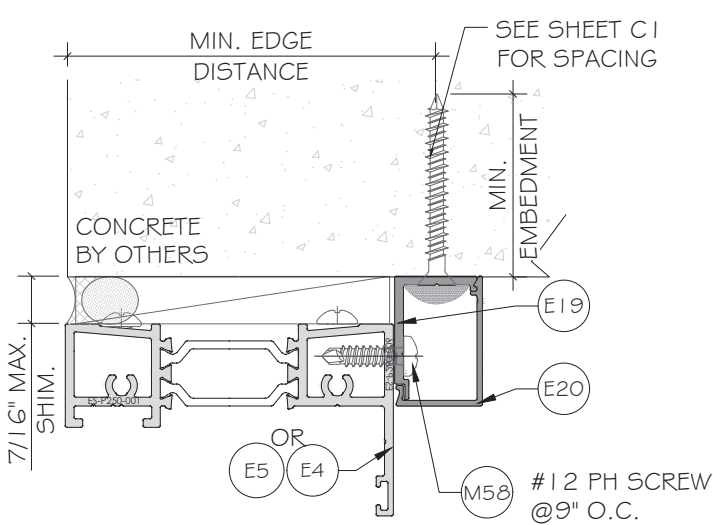
ANCHOR TYPE 'E' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu=164KSI, Fy=148KSI)
DIRECTLY INTO CONCRETE f_c=3050 PSI MIN.
W/ 1 3/4" MIN. EMBEDMENT. (HEAD/JAMB/SILL).

ANCHOR TYPE 'F' - 1/4" DIA. SEFL-DRILLING SCREWS, GRADE 5 (Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED MULLION
OR METAL STRUCTURES. (HEAD/JAMB/SILL).
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

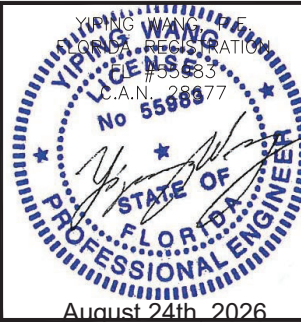
ALUMINUM: 3/16" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

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

Rev.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Rev. No.	Date	Drawn By	Description
Drawn Date	08.24.2026	Scale	
DRAWING NO.	AD21-52		
A2			
Sheet No.	9 OF 27		

TYPICAL ANCHOR TYPES:

ANCHOR TYPE 'D' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu= 1 64KSI, Fy= 1 48KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (SG=0.55 MIN.)
W/ 1 1/2" MIN. PENETRATION. (HEAD/JAMB/SILL).
OR THRU 1 BY WOOD BUCK INTO CONCRETE. fc=3050 PSI.
W/ 1 3/4" MIN. EMBED.(HEAD/JAMB/SILL).

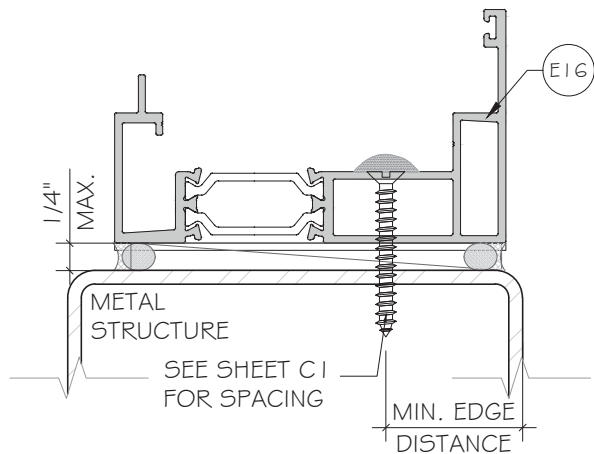
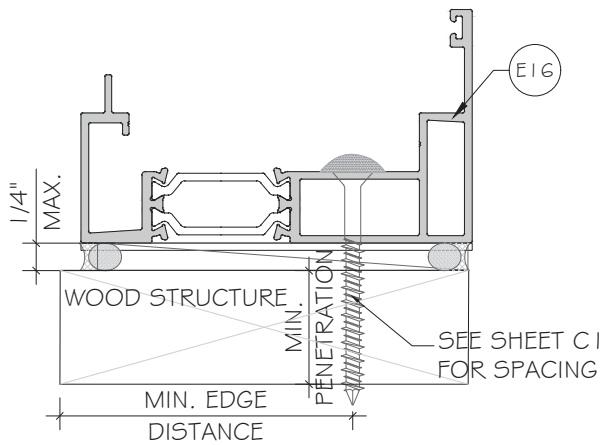
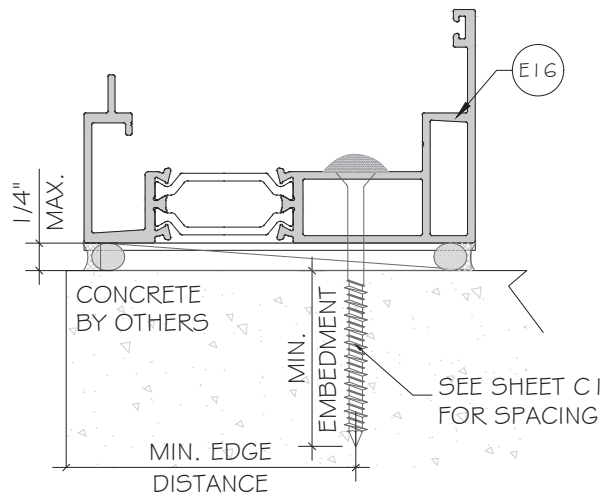
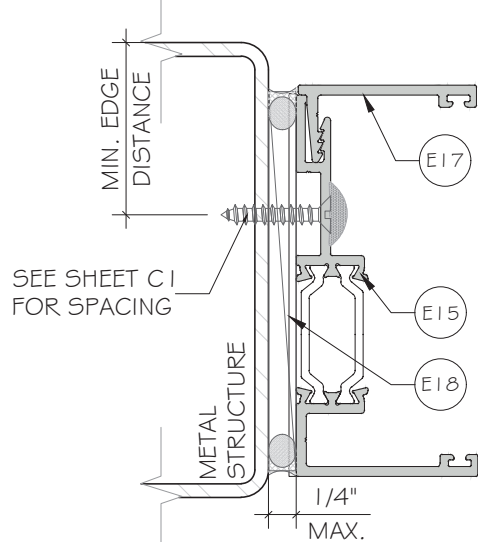
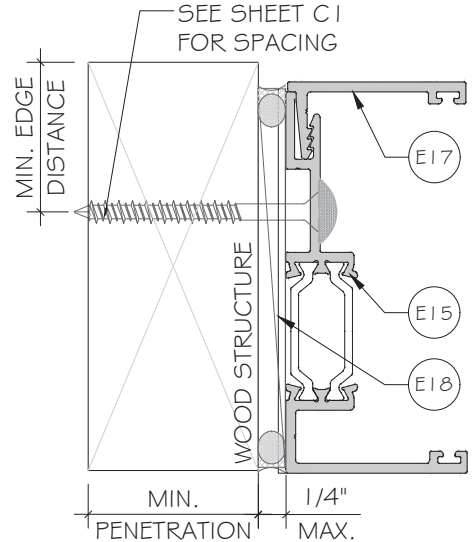
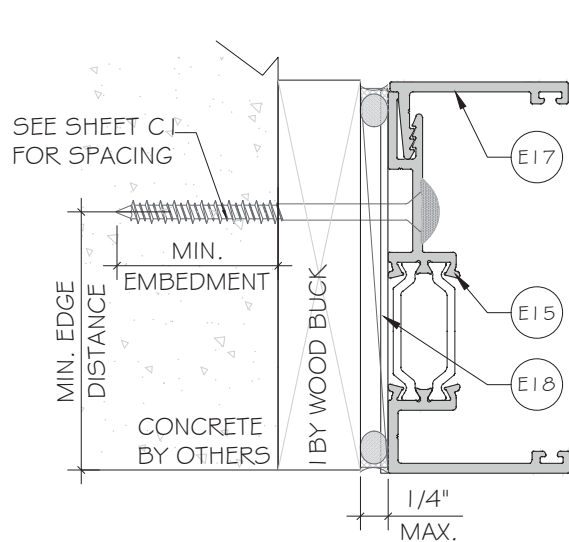
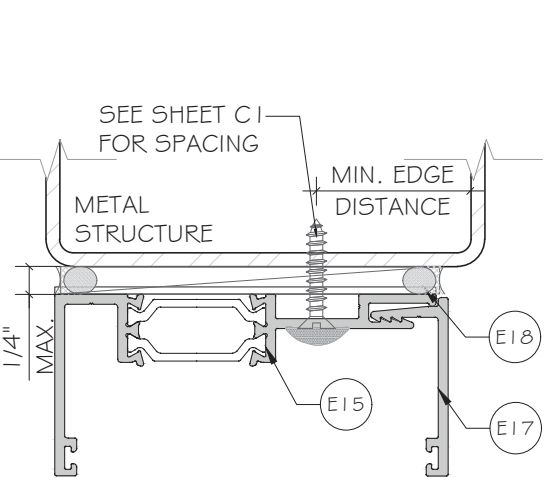
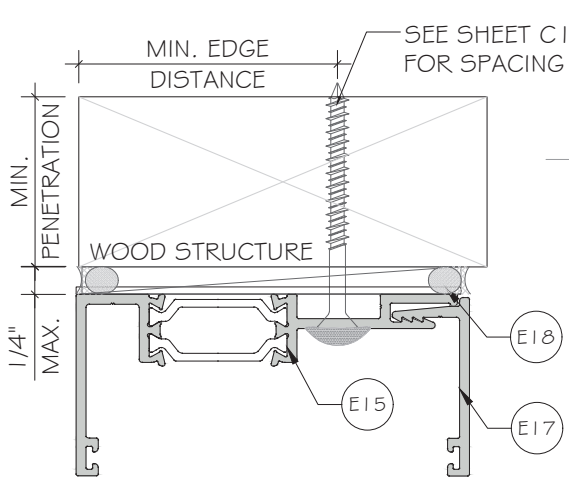
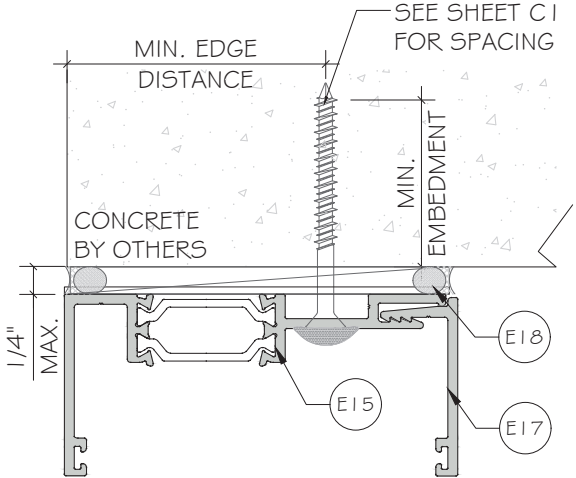
ANCHOR TYPE 'E' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu= 1 64KSI, Fy= 1 48KSI)
DIRECTLY INTO CONCRETE fc=3050 PSI MIN.
W/1 3/4" MIN. EMBEDMENT. (HEAD/JAMB/SILL)

ANCHOR TYPE 'F' - 1/4" DIA. SEFL-DRILLING SCREWS, GRADE 5
(Fu= 1 20KSI, Fy=92KSI)
INTO F.B.C APPROVED MULLION
OR METAL STRUCTURES. (HEAD/JAMB/SILL)
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

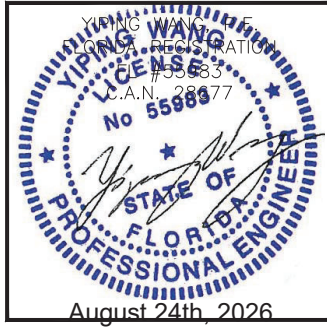
ALUMINUM: 1/4" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT
E.S. WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL.(305) 624-7775

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing No. AD21-52			
Sheet No. 10 OF 27			

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027
P: 305.588.5224
www.MCYEngineering.com
mcy@mcyengineering.com

MCY

ANCHOR OPTIONS:

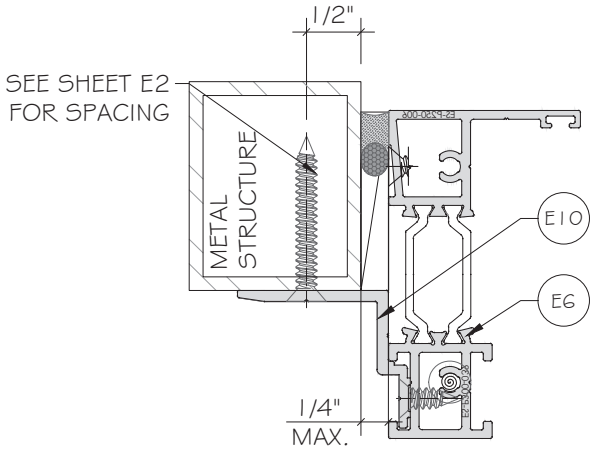
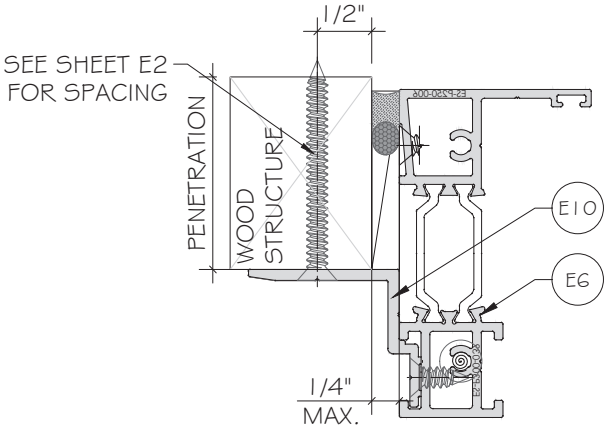
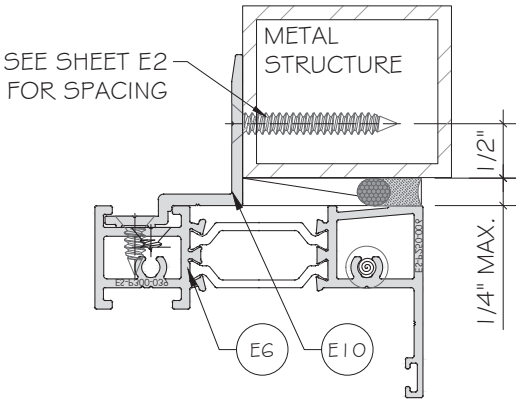
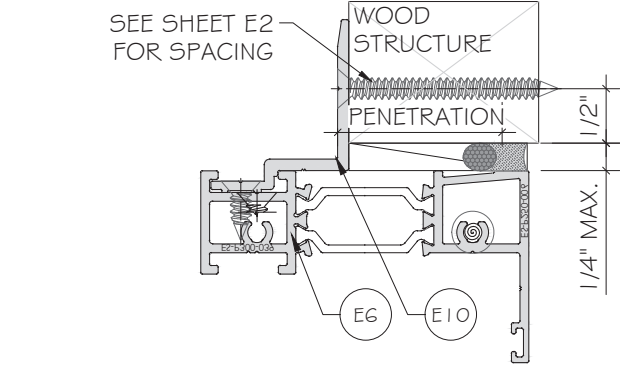
ANCHOR TYPE 'A' - 3/16" DIA. ULTRACON BY 'DEWALT'
(Fu=164 KSI, Fy=117 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (SG=0.55 MIN.)
WITH 1 3/4" MIN. PENETRATION. (HEAD/JAMB/SILL)

ANCHOR TYPE 'C' - #10 - SELF DRILLING SCREW GRADE 5
(Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED MULLIONS
OR INTO METAL STRUCTURES. (HEAD/JAMB/SILL)
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

ALUMINUM: 1/4" THK. MIN. (6063-T5, MIN.)
STEEL: 1/4" THK. MIN. (Fy=36ksi MIN.)

MIN. EDGE DISTANCE
INTO WOOD = 1/2" MIN.
INTO METAL STRUCTURE = 1/2" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT
E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL: (305) 624-7775

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date: 08.24.2026 Scale:			
DRAWING NO. AD21-52			
A4			
Sheet No. 11 OF 27			

ANCHOR OPTIONS:

ANCHOR TYPE 'G' - 5/16" DIA. ULTRACON BY 'DEWALT'(F_u=177 KSI, F_y=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (SG=0.55 MIN.)
WITH 2" MIN. PENETRATION. (HEAD/JAMB/SILL)
OR THRU 1 BY WOOD BUCK INTO CONCRETE. F_c=3000 PSI MIN.
WITH MIN. 2" EMBEDMENT. (HEAD/JAMB/SILL)

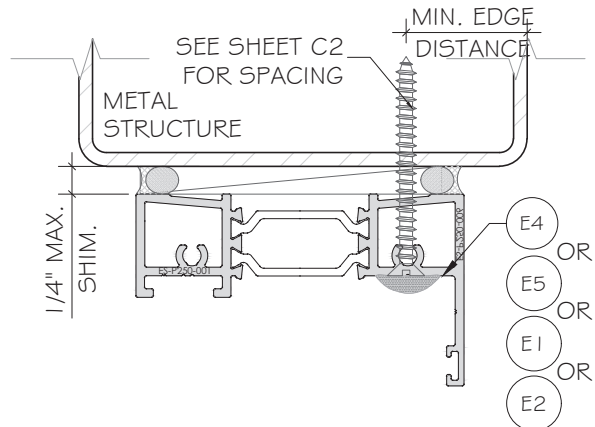
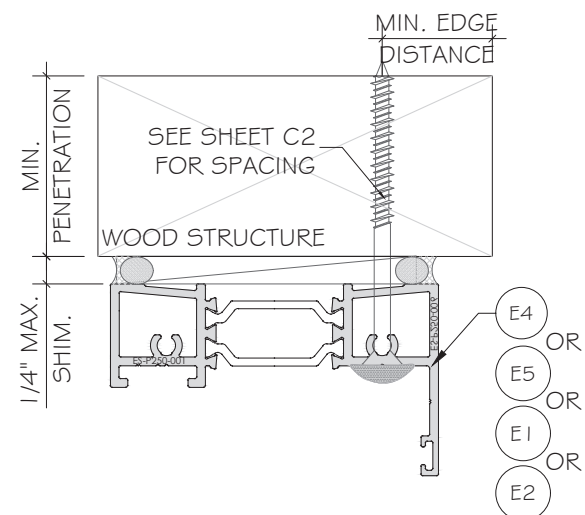
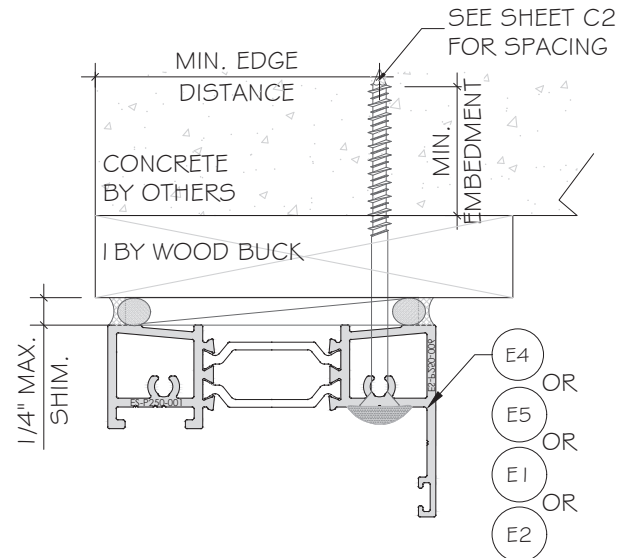
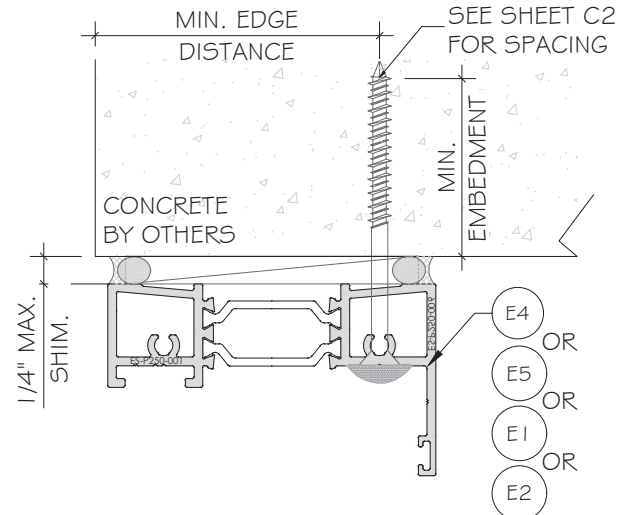
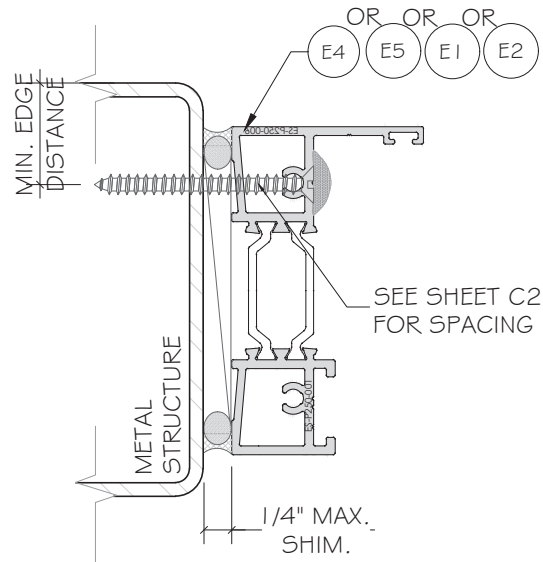
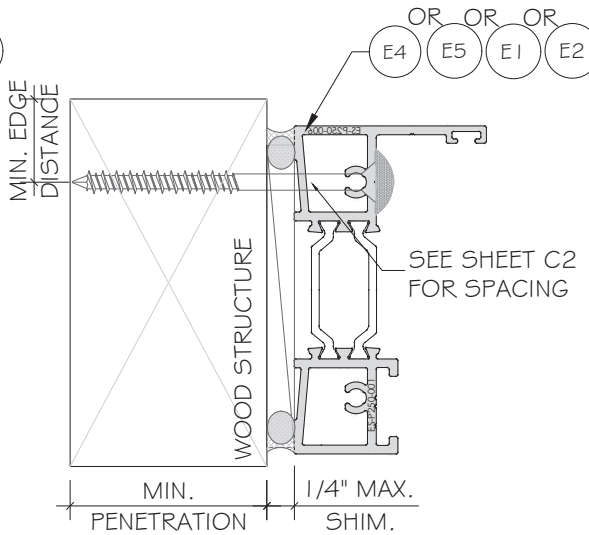
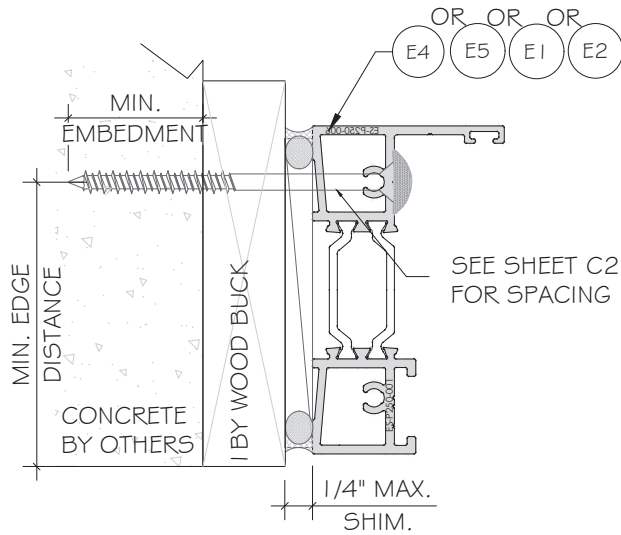
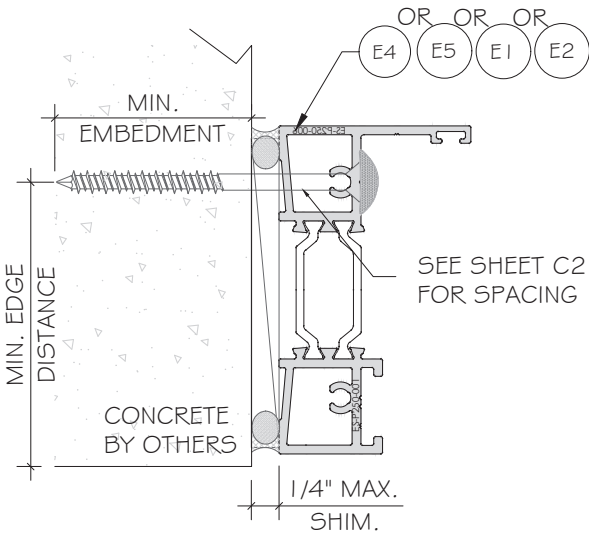
ANCHOR TYPE 'H' - 5/16" DIA. ULTRACON BY 'DEWALT'(F_u=177 KSI, F_y=155 KSI)
DIRECTLY INTO CONCRETE F_c=3000 PSI MIN.
W/ 2" MIN. EMBEDMENT. (HEAD/JAMB/SILL)

ANCHOR TYPE 'I' - #14 - SELF DRILLING SCREW GRADE 5
(F_u=120KSI, F_y=92KSI)
INTO F.B.C. APPROVED MULLIONS
OR INTO METAL STRUCTURES. (HEAD/JAMB/SILL)
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

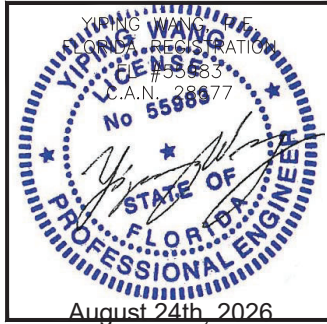
ALUMINUM: 1/8" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (F_y=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1 1/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

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

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing Date: 08.24.2026 Scale:			
Drawing No. AD21-52			
Sheet No. 12 OF 27			

ANCHOR OPTIONS:

ANCHOR TYPE 'G' - 5/16" DIA. ULTRACON BY 'DEWALT'(Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (5G=0.55 MIN.)
WITH 2" MIN. PENETRATION. (HEAD/JAMB/SILL).
OR THRU 1 BY WOOD BUCK INTO CONCRETE. $f_c=3000$ PSI.
WITH MIN. 2" EMBEDMENT. (HEAD/JAMB/SILL).

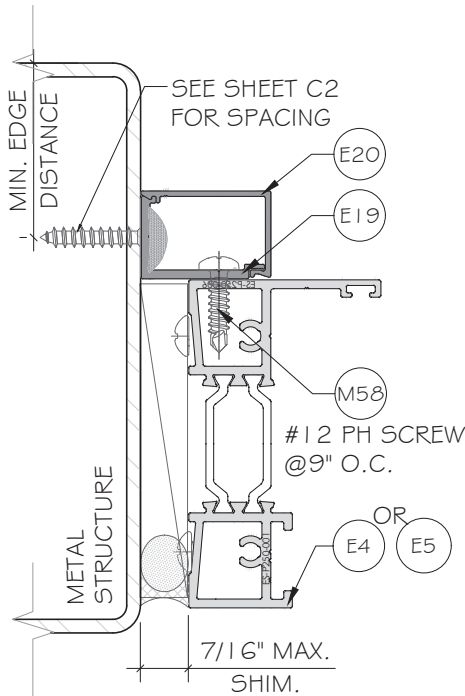
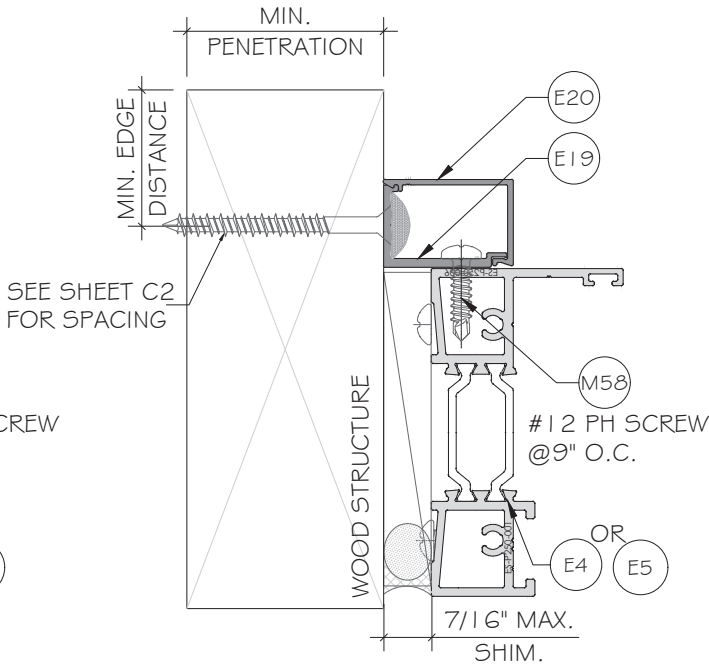
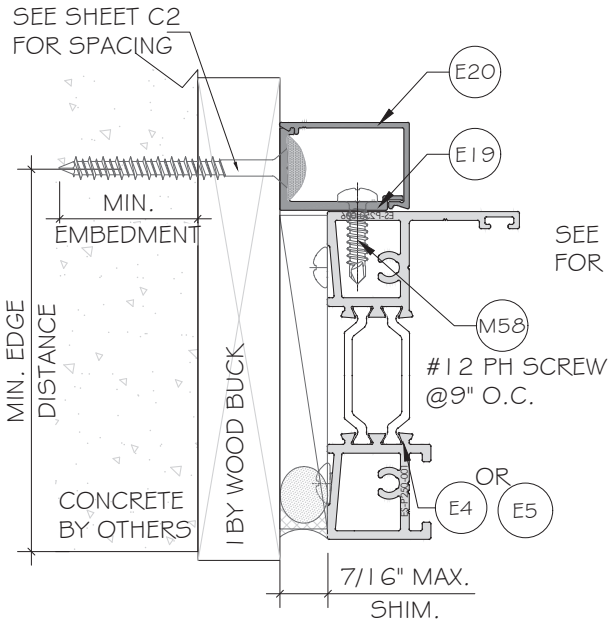
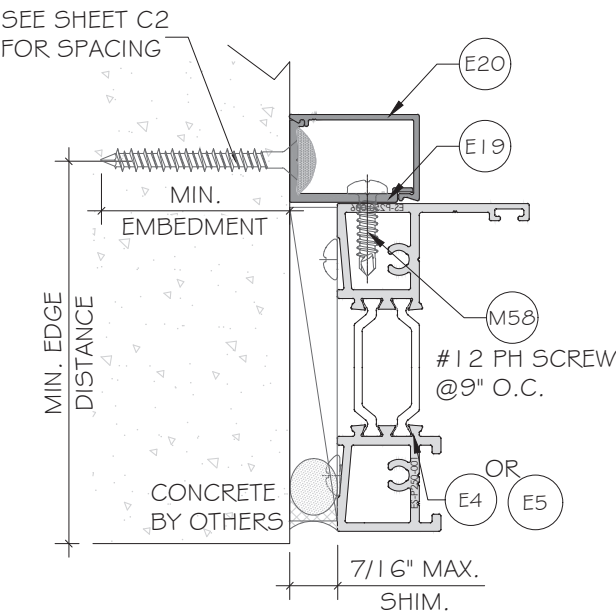
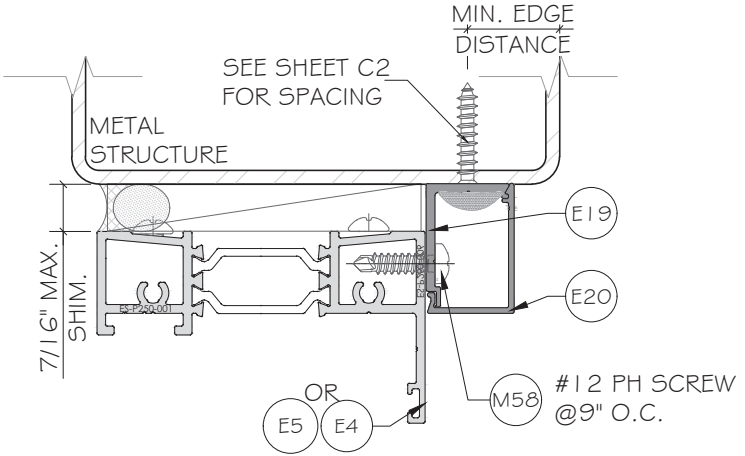
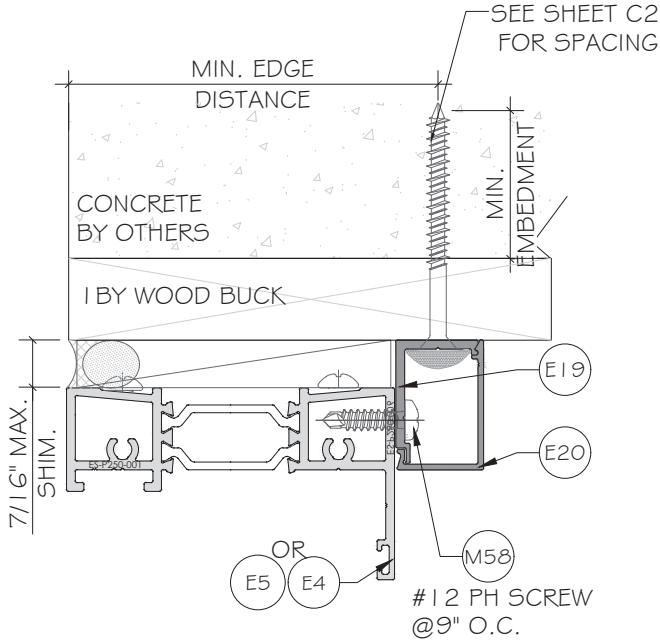
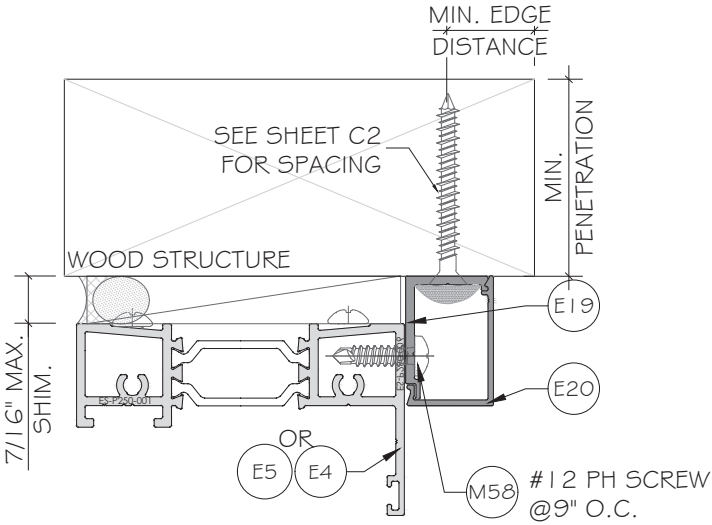
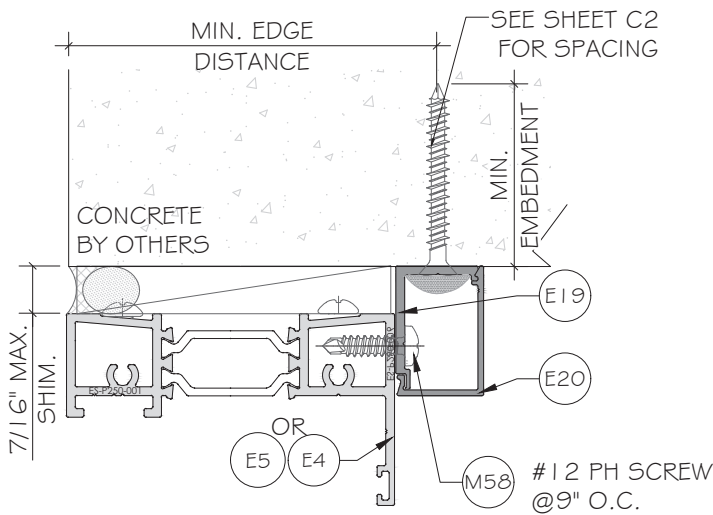
ANCHOR TYPE 'H' - 5/16" DIA. ULTRACON BY 'DEWALT'(Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE $f_c=3000$ PSI MIN.
W/ 2" MIN. EMBEDMENT. (HEAD/JAMB/SILL).

ANCHOR TYPE 'I' - #14 - SELF DRILLING SCREW GRADE 5
(Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED MULLIONS
OR INTO METAL STRUCTURES. (HEAD/JAMB/SILL).
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

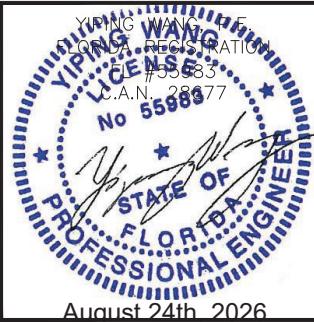
ALUMINUM: 3/16" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1 1/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2



ES-P300 CASEMENT WINDOW - NON IMPACT

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

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

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing Date: 08.24.2026			
Scale			
DRAWING NO. AD21-52			
A6			
Sheet No. 13 OF 27			

ANCHOR OPTIONS:

ANCHOR TYPE 'G' - 5/16" DIA. ULTRACON BY 'DEWALT'(Fu= 177 KSI, Fy= 155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (5G=0.55 MIN.)
WITH 2" MIN. PENETRATION. (HEAD/JAMB/SILL).
OR THRU 1 BY WOOD BUCK INTO CONCRETE. f_c=3000 PSI MIN.
WITH MIN. 2" EMBEDMENT. (HEAD/JAMB/SILL)

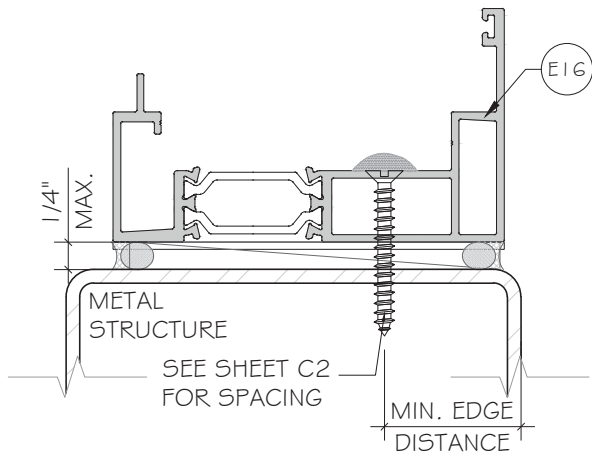
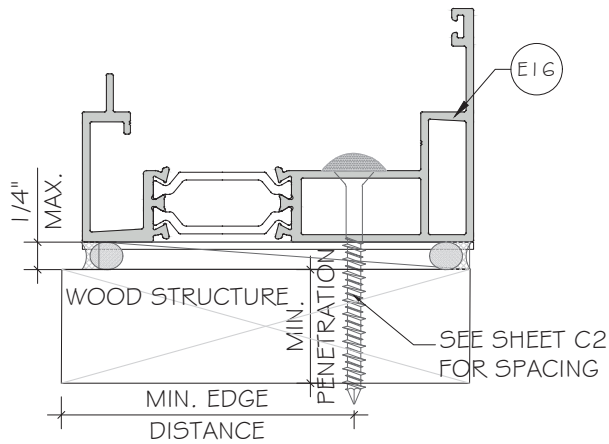
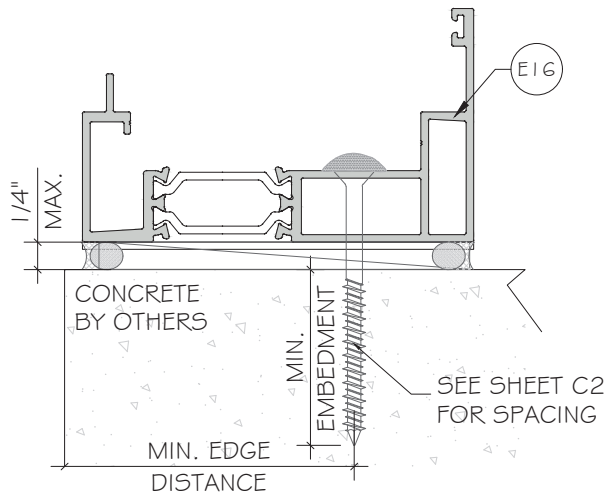
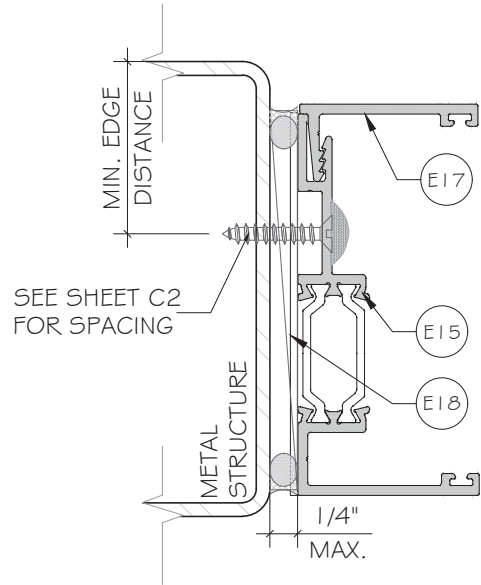
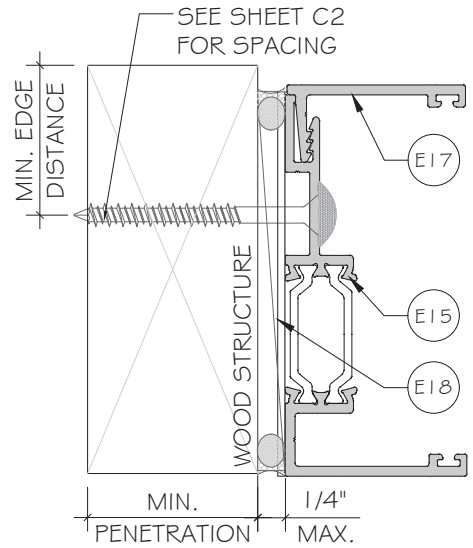
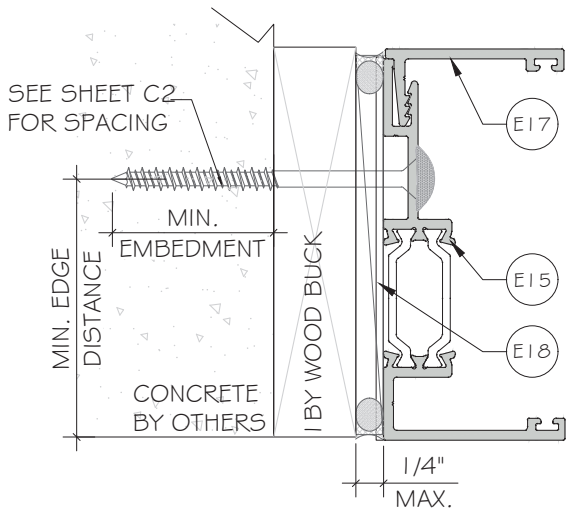
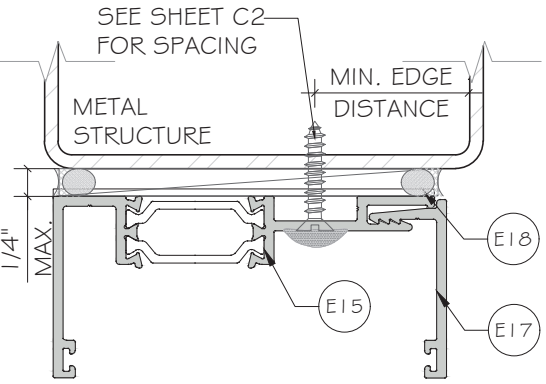
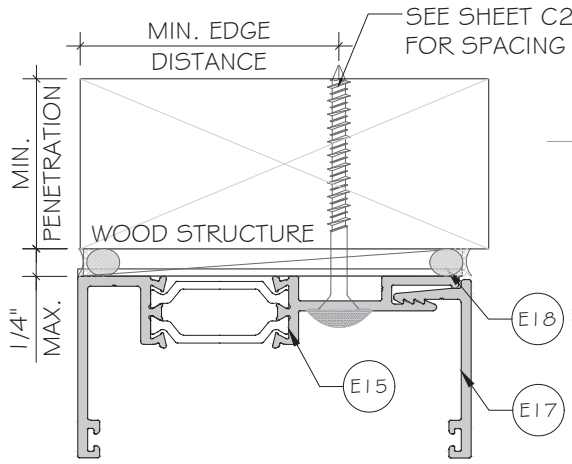
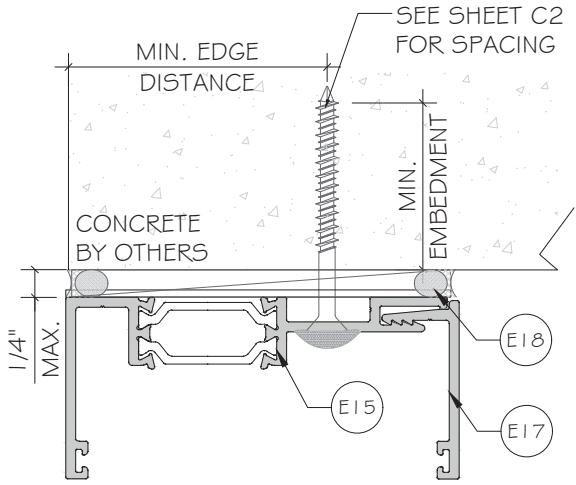
ANCHOR TYPE 'H' - 5/16" DIA. ULTRACON BY 'DEWALT'(Fu= 177 KSI, Fy= 155 KSI)
DIRECTLY INTO CONCRETE. f_c=3000 PSI MIN.
W/ 2" MIN. EMBEDMENT.

ANCHOR TYPE 'I' - #14 - SELF DRILLING SCREW GRADE 5
(Fu= 120KSI, Fy=92KSI)
INTO F.B.C. APPROVED MULLIONS
OR INTO METAL STRUCTURES. (HEAD/JAMB/SILL).
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

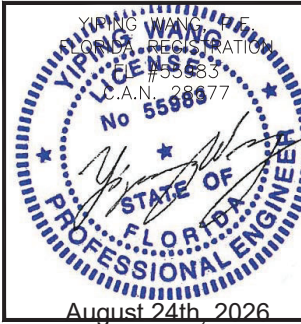
ALUMINUM: 1/4" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MIN. EDGE DISTANCE
INTO CONCRETE = 2 1/2" MIN.
INTO WOOD = 1 1/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD 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.



FLORIDA APPROVAL:
FL#40521.2

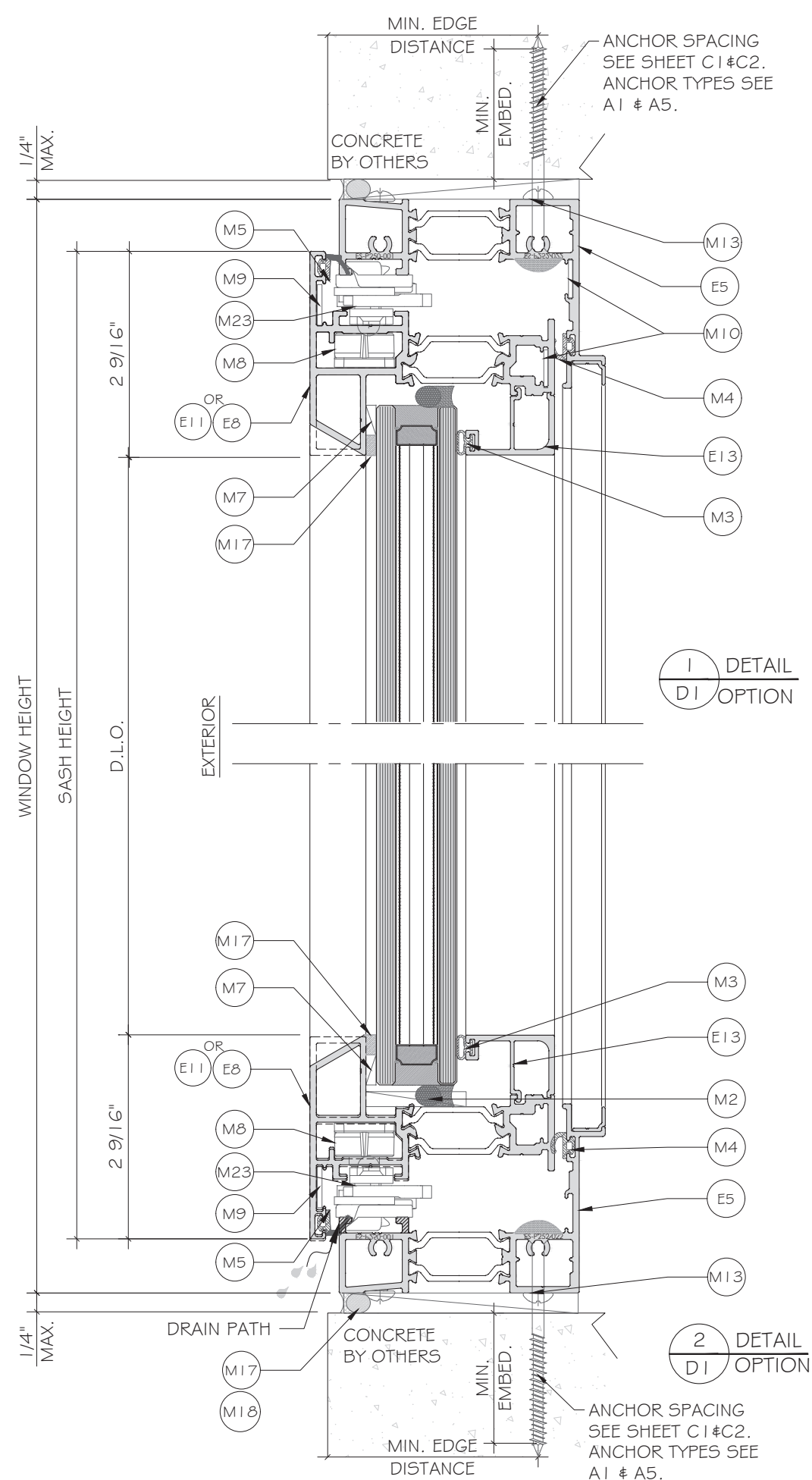
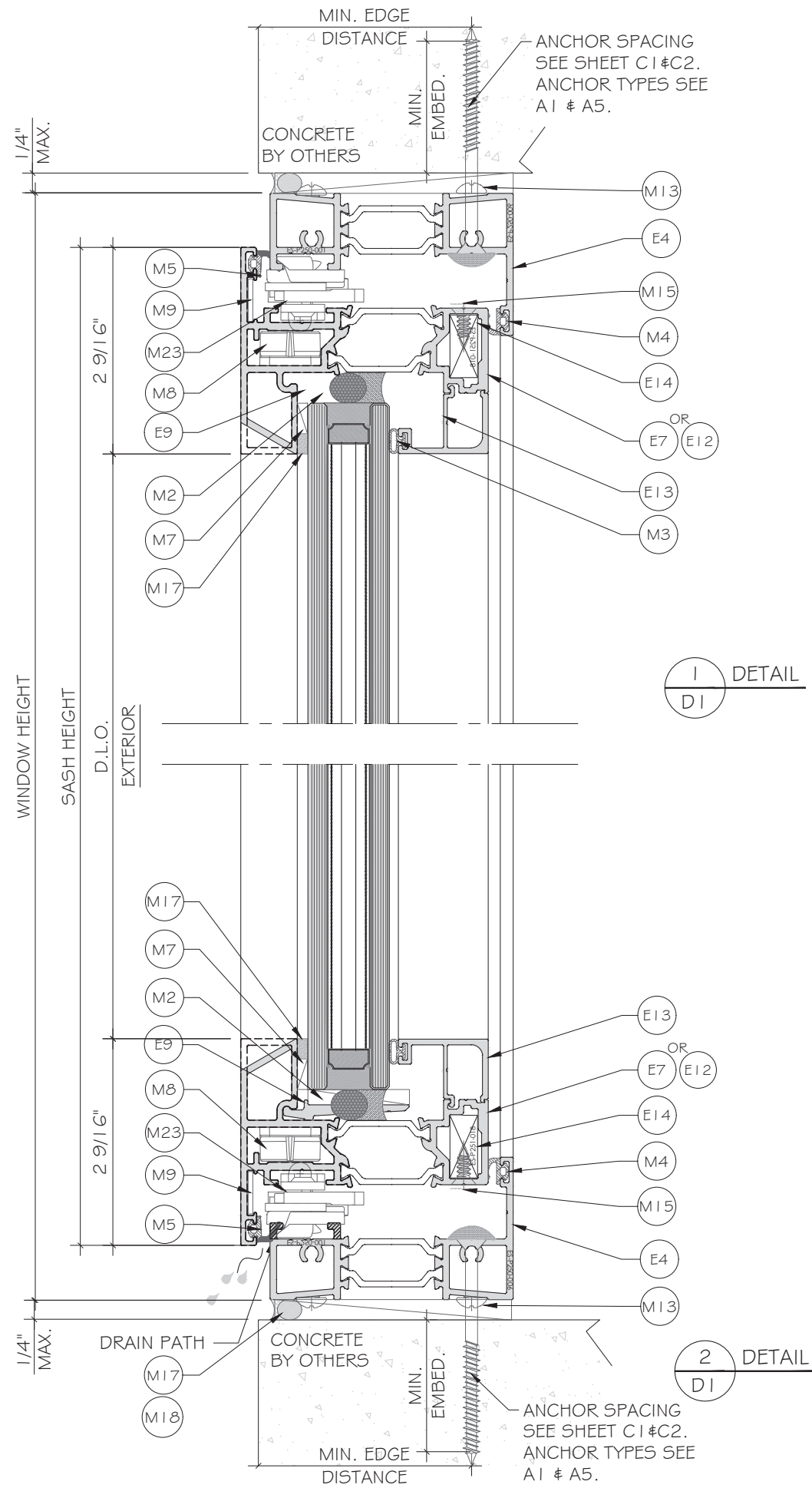


ES-P300 CASEMENT WINDOW - NON IMPACT

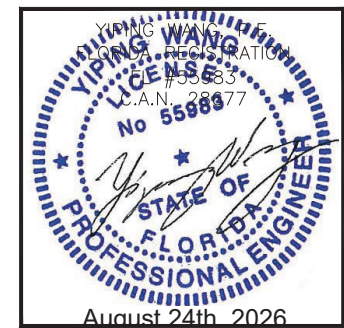
E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL.(305) 624-7775

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date 08.24.2026 Scale			
DRAWING NO. AD21-52			
A7			
Sheet No. 14 OF 27			



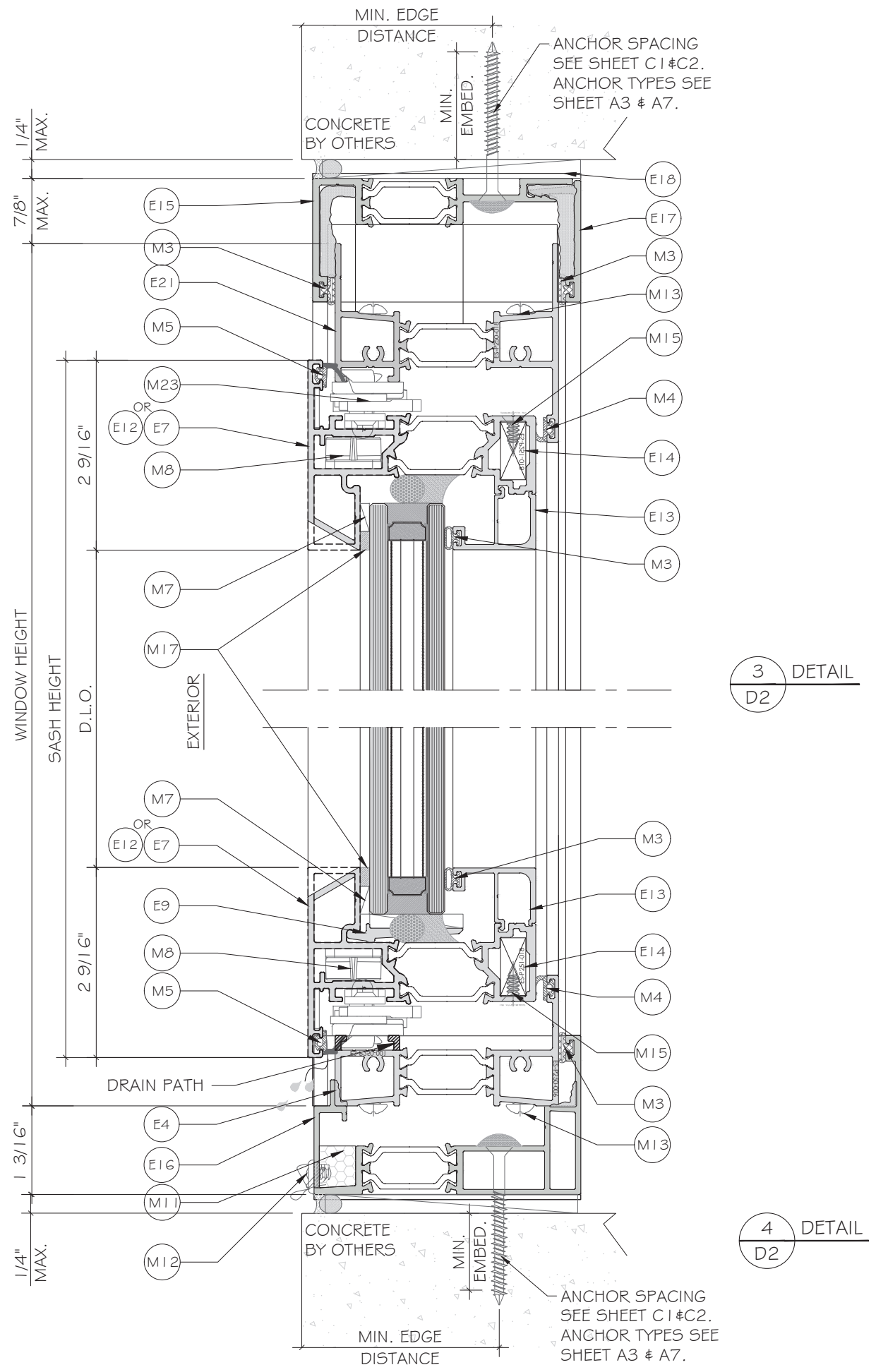
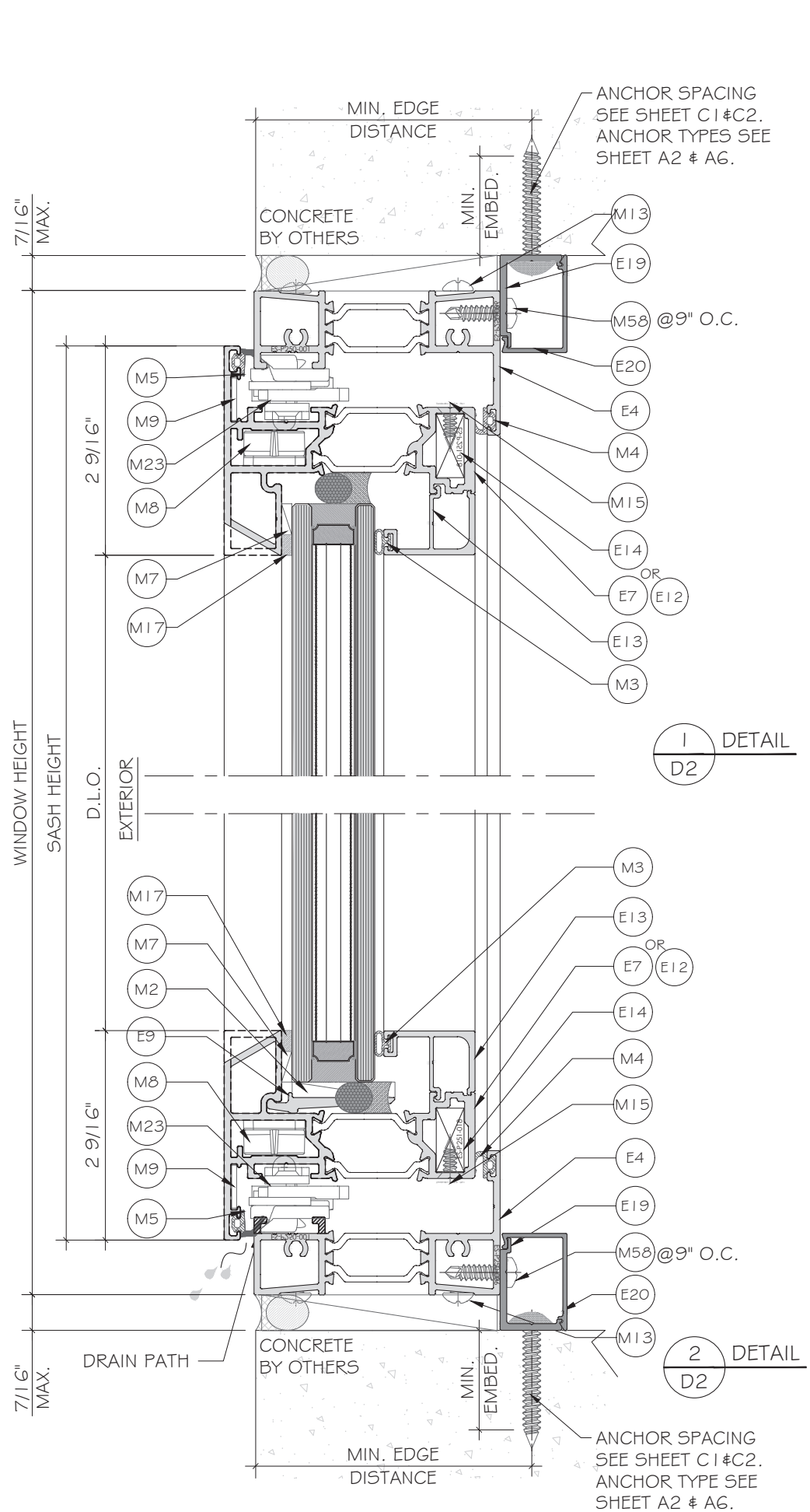
FLORIDA APPROVAL:
FL#40521.2



MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

ES-P300 CASEMENT WINDOW - NON IMPACT
E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL: (305) 624-7775

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date: 08.24.2026 Scale:			
Drawing No. AD21-52			
Sheet No. 15 OF 27			



FLORIDA APPROVAL:
FL#40521.2

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

August 24th, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

ES-P300 CASEMENT WINDOW - NON IMPACT

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

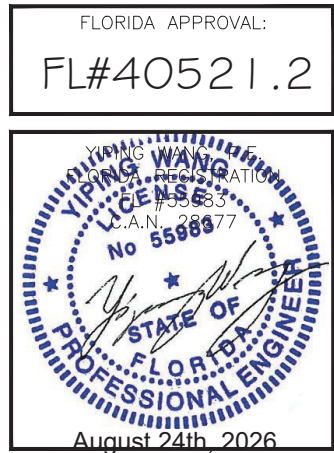
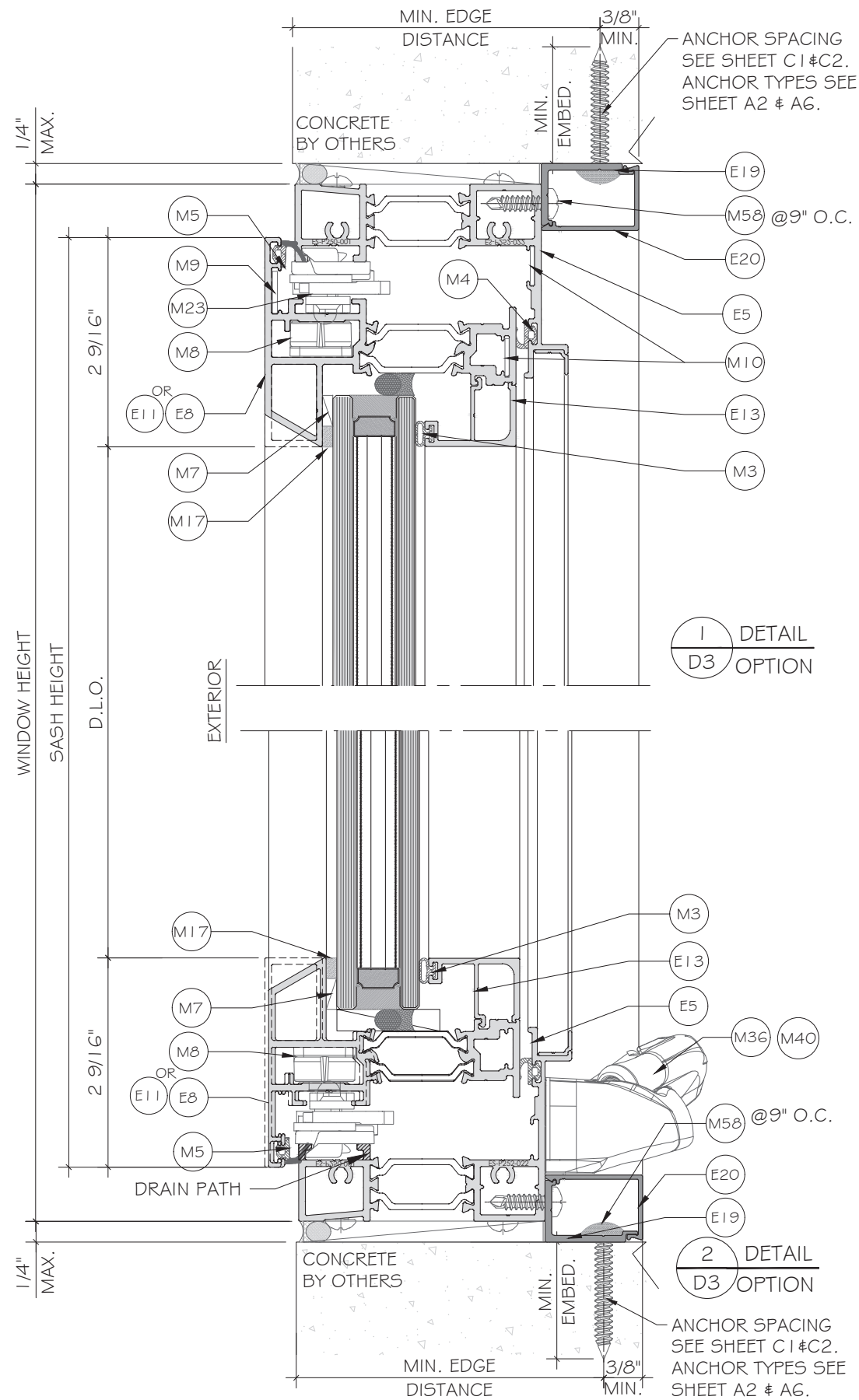
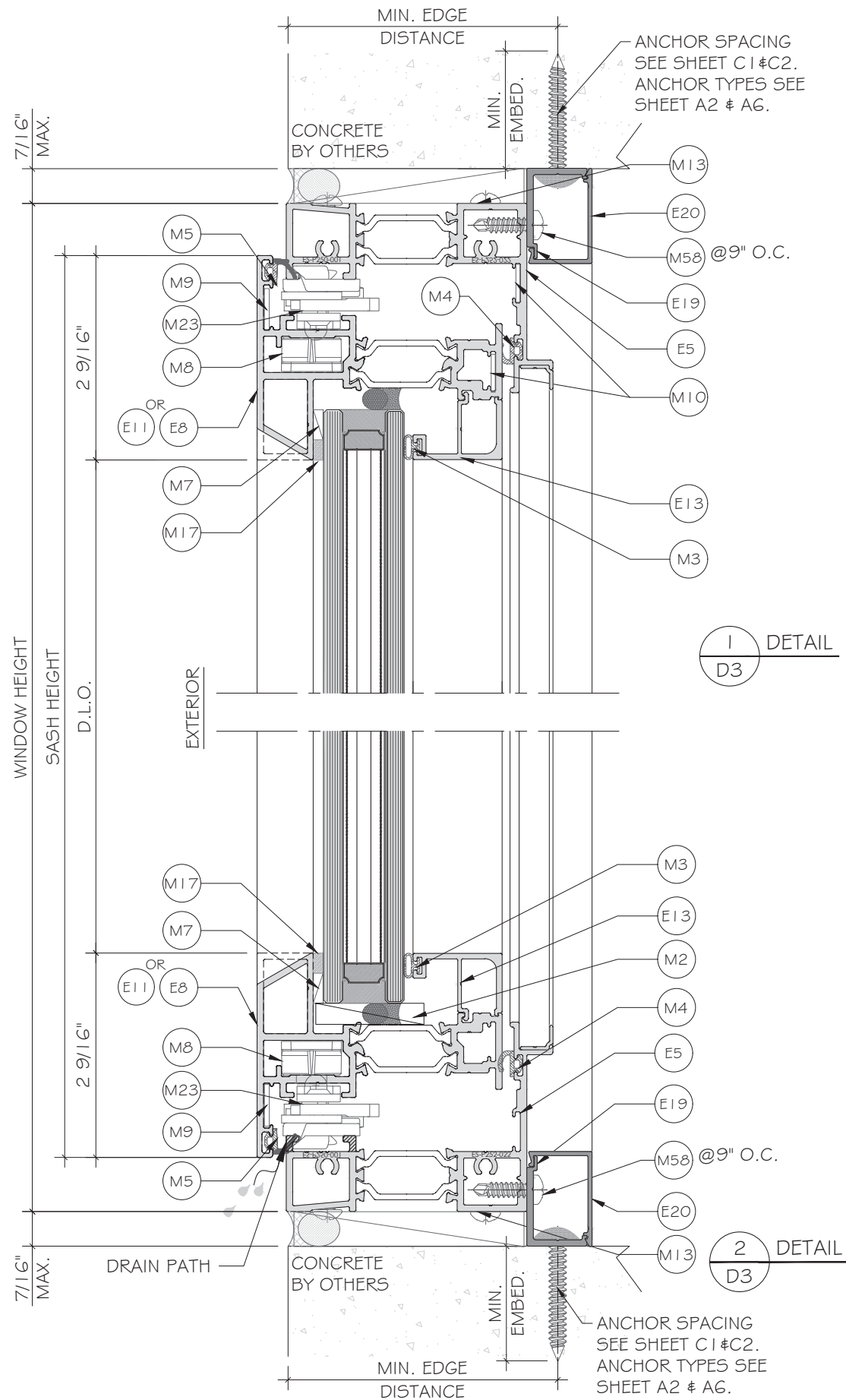
Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION

Drawn Date: 08.24.2026 Scale:

DRAWING NO.
AD21-52

Sheet No.
D2

16 OF 27

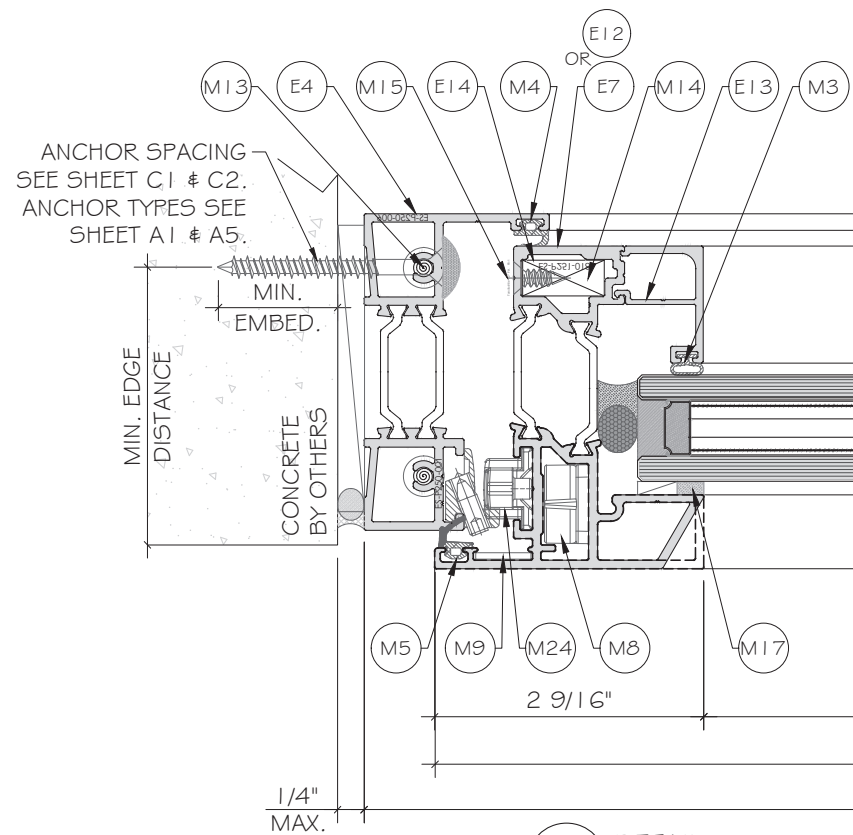


ES-P300 CASEMENT WINDOW - NON IMPACT

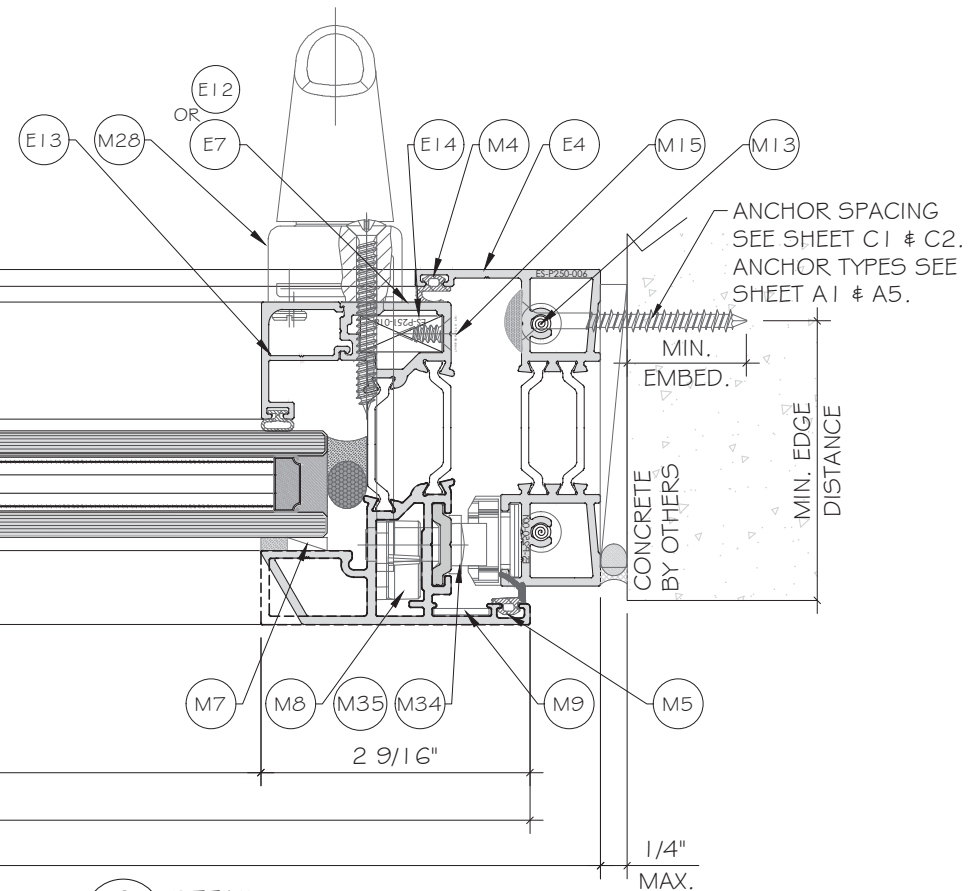
E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL.(305) 624-7775

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

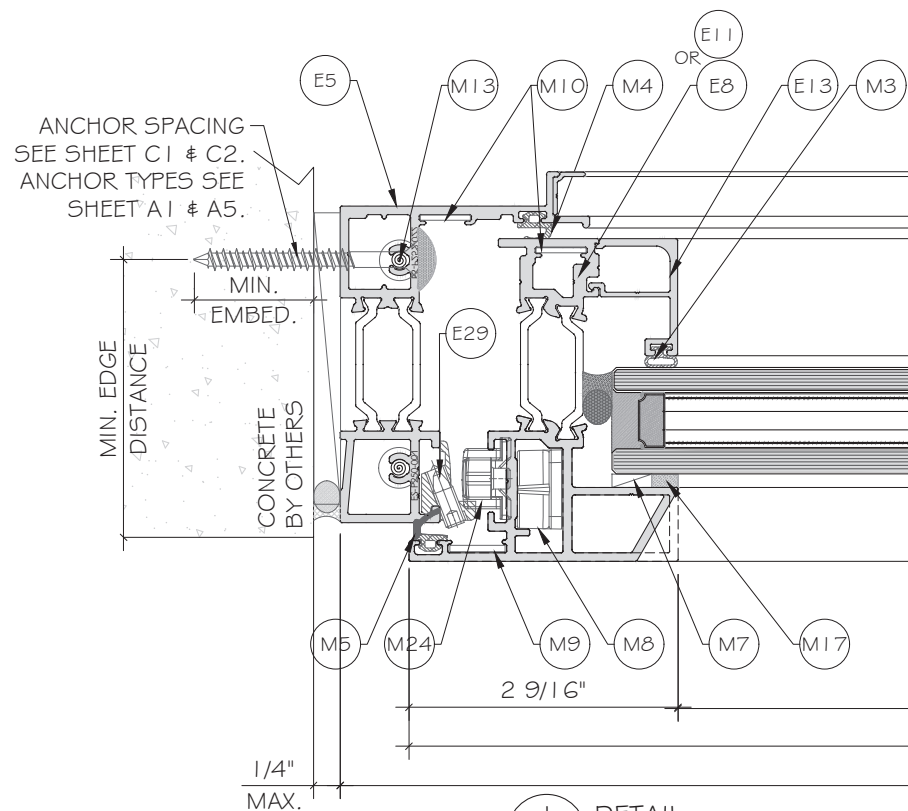
Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing No. AD21-52			
Sheet No. 17 OF 27			



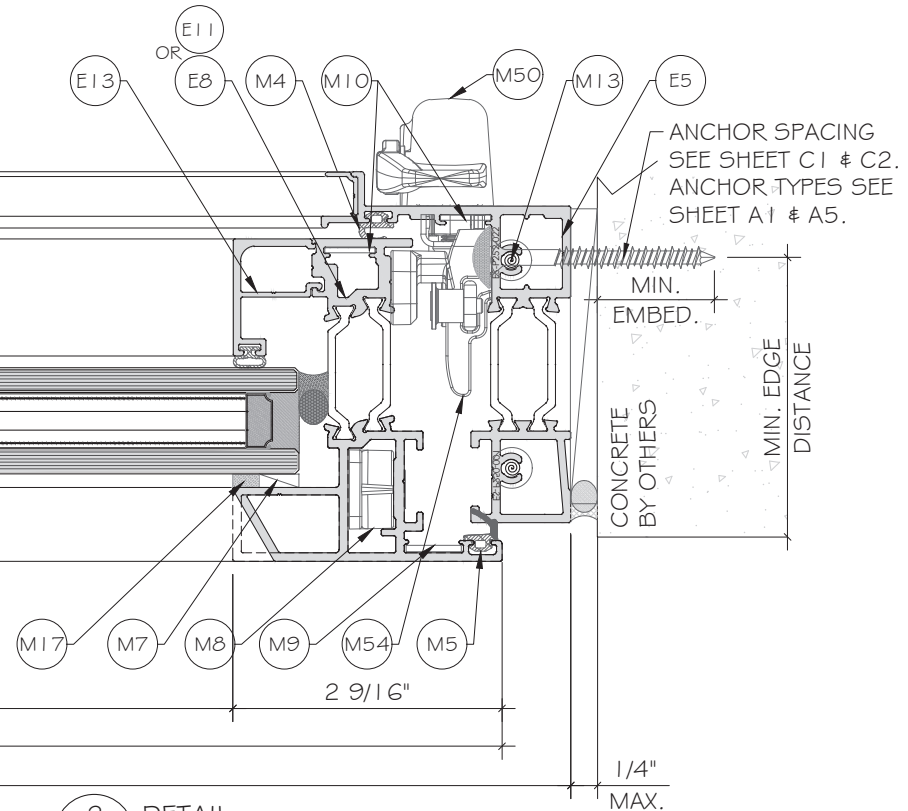
I
D4
DETAIL



2
D4
DETAIL

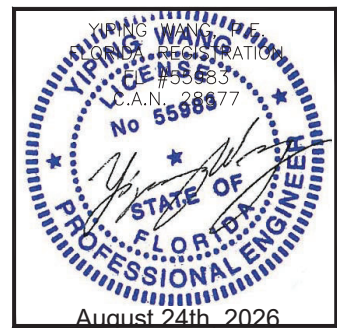


I
D4
DETAIL
OPTION



2
D4
DETAIL
OPTION

FLORIDA APPROVAL:
FL#40521.2

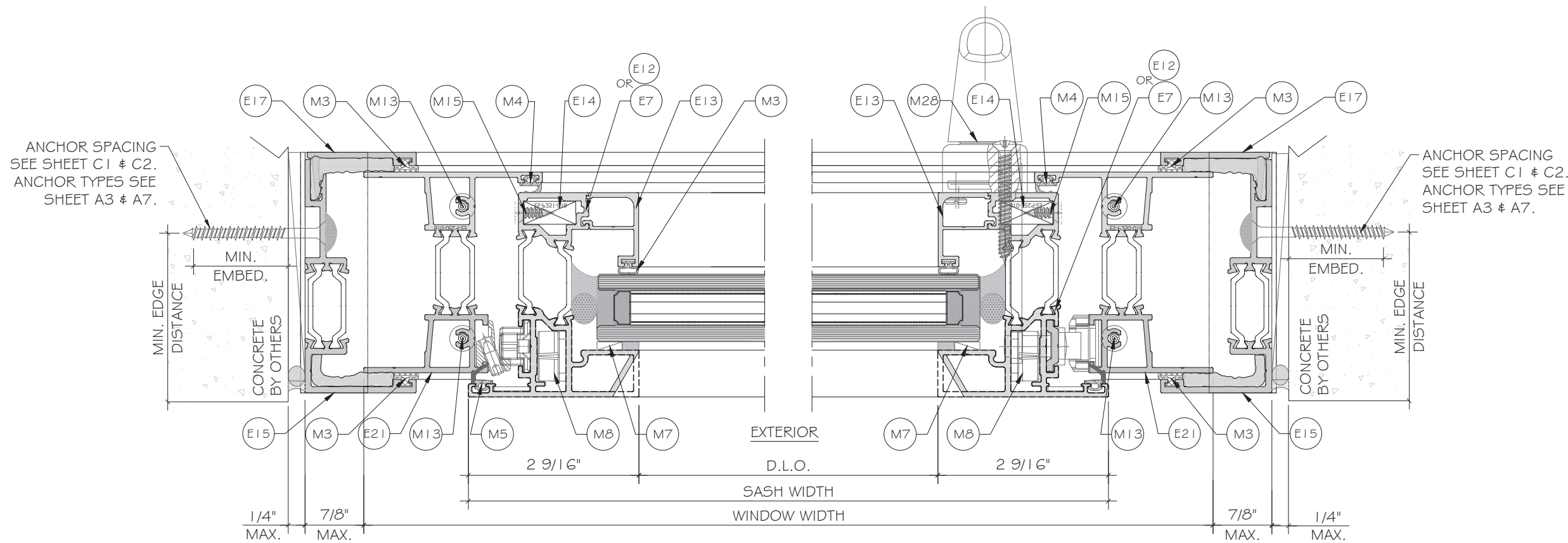


ES-P300 CASEMENT WINDOW - NON IMPACT

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

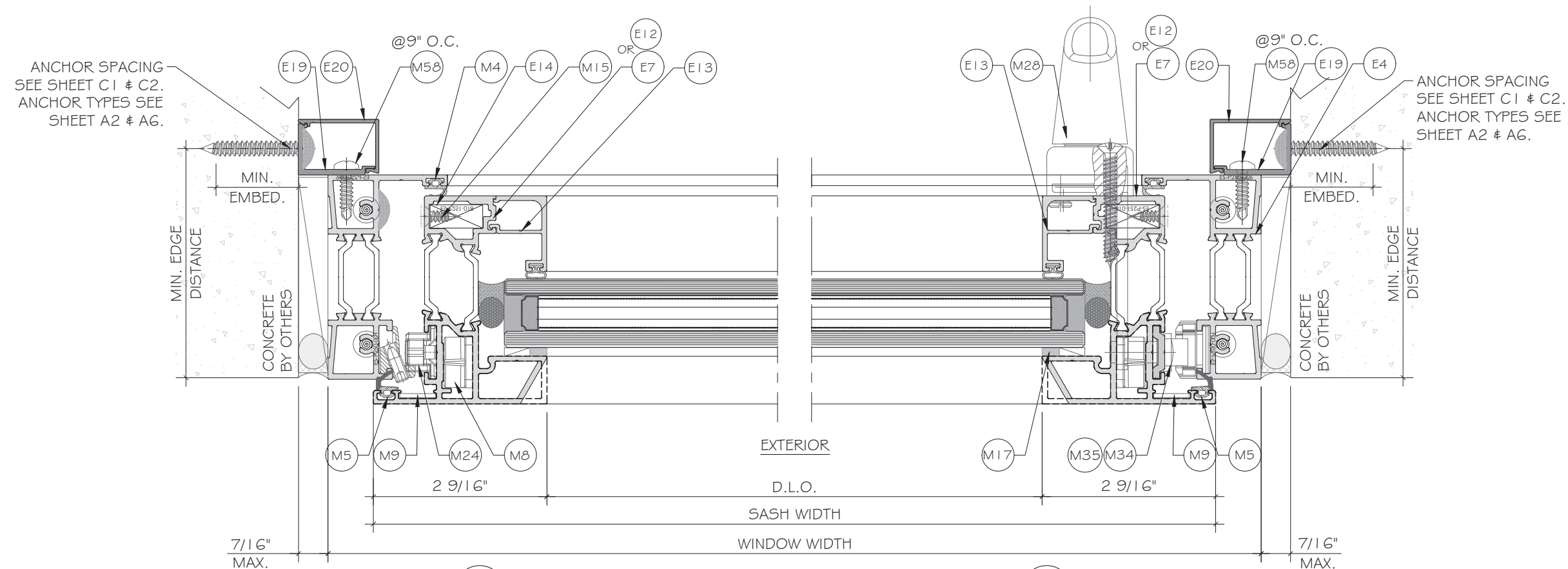
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawn Date 08.24.2026 Scale			
Drawing No. AD21-52			
Sheet No. 18 OF 27			



1
D5
DETAIL

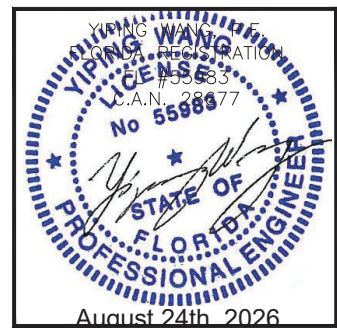
2
D5
DETAIL



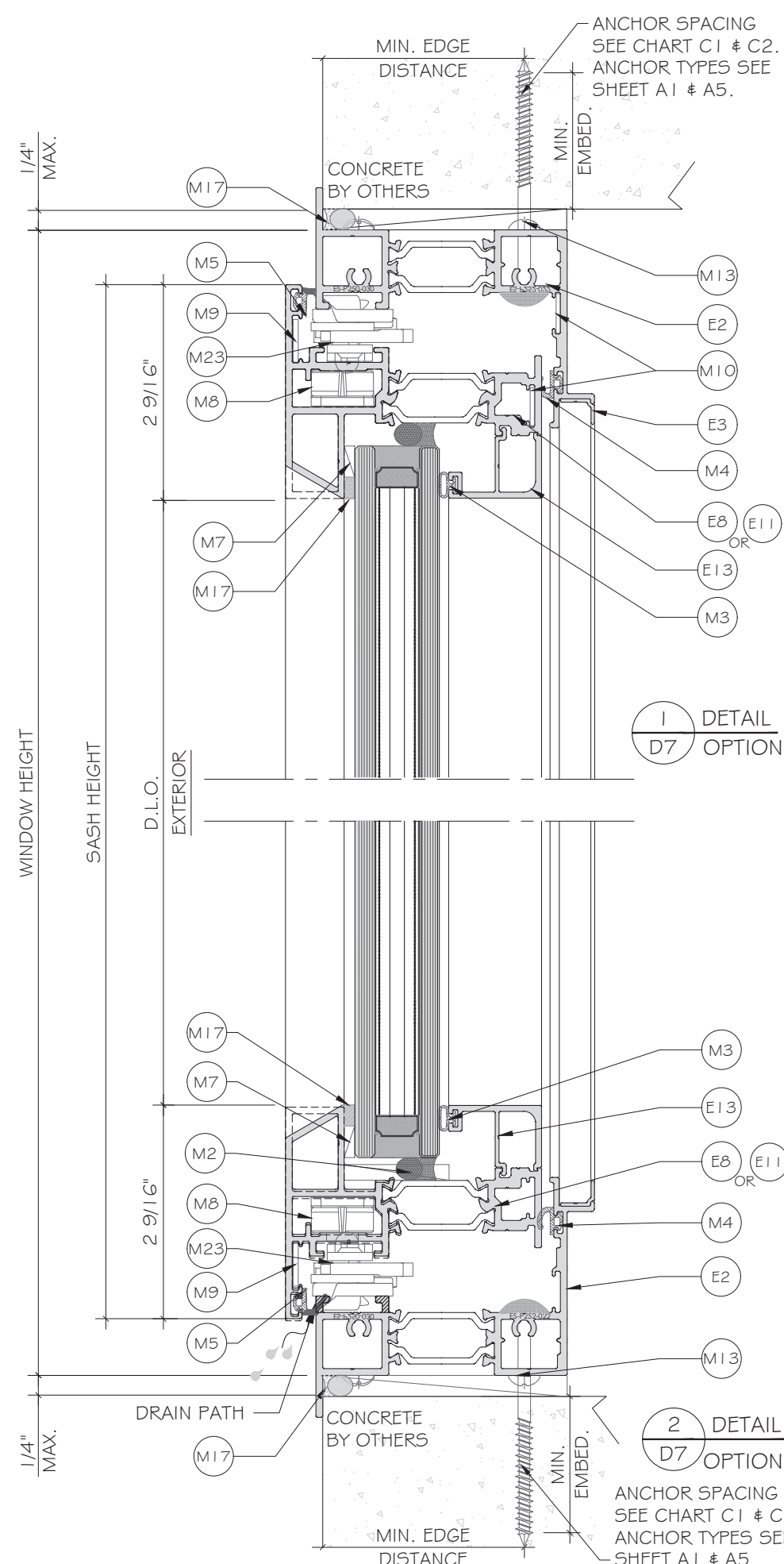
3
D5
DETAIL

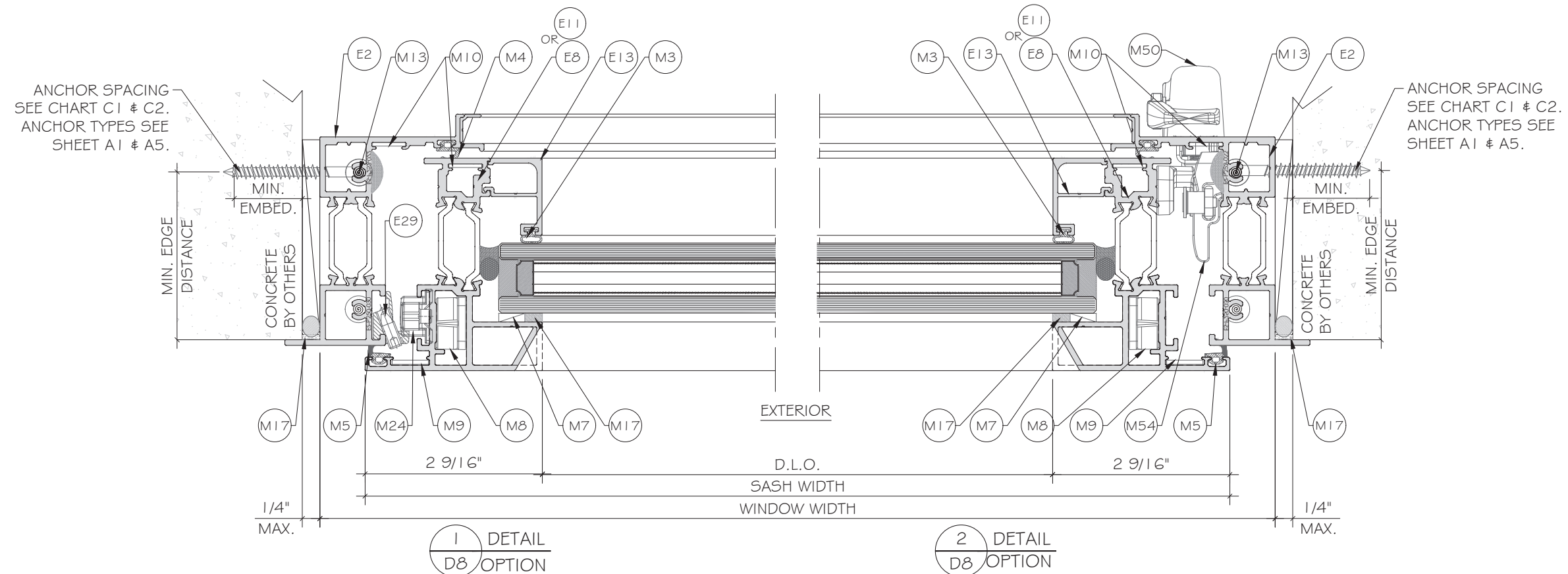
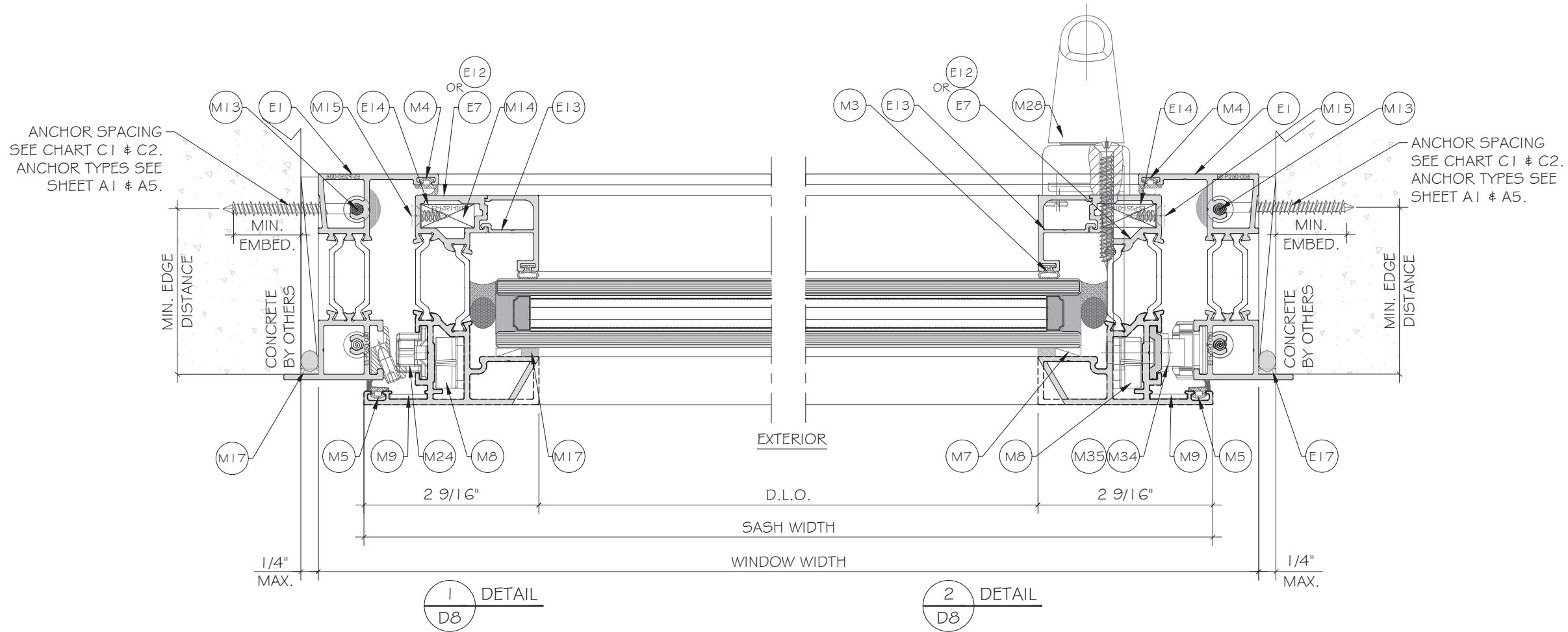
4
D5
DETAIL

FLORIDA APPROVAL:
FL#40521.2

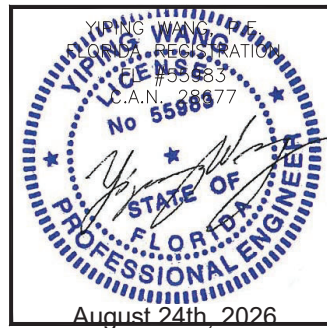


Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing No. AD21-52			
Sheet No. 19 OF 27			





FLORIDA APPROVAL:
FL#40521.2

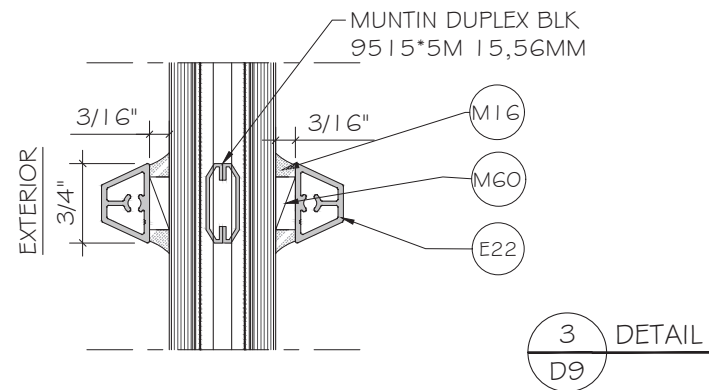
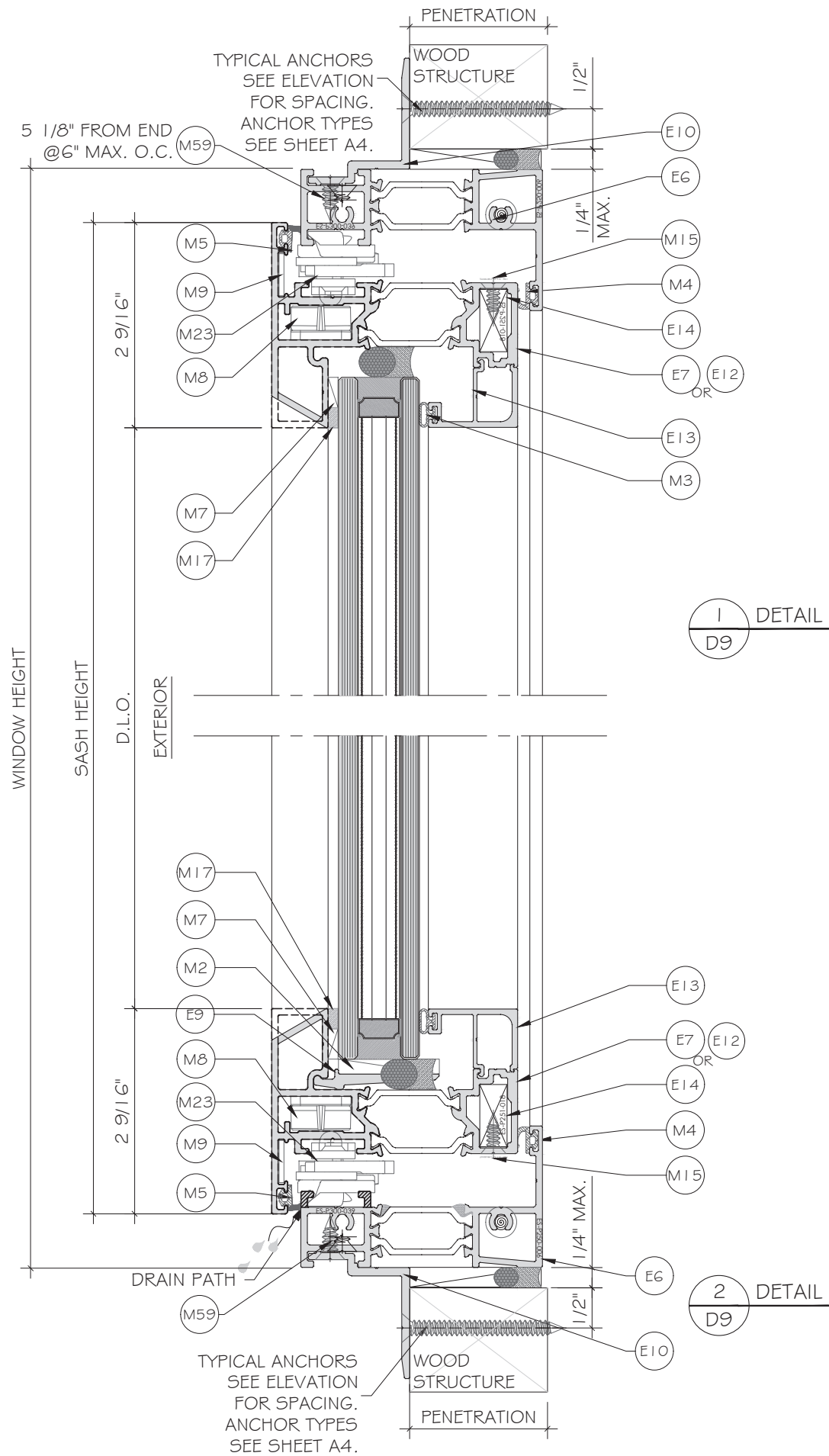


ES-P300 CASEMENT WINDOW - NON IMPACT

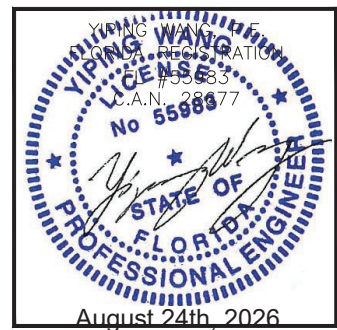
E.S.WINDOWS, INC.
10653 NE QUAYBRIDGE CT.
MIAMI, FL 33138
TEL. (305) 624-7775

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing No. AD21-52			
Sheet No. 22 OF 27			



FLORIDA APPROVAL:
FL#40521.2

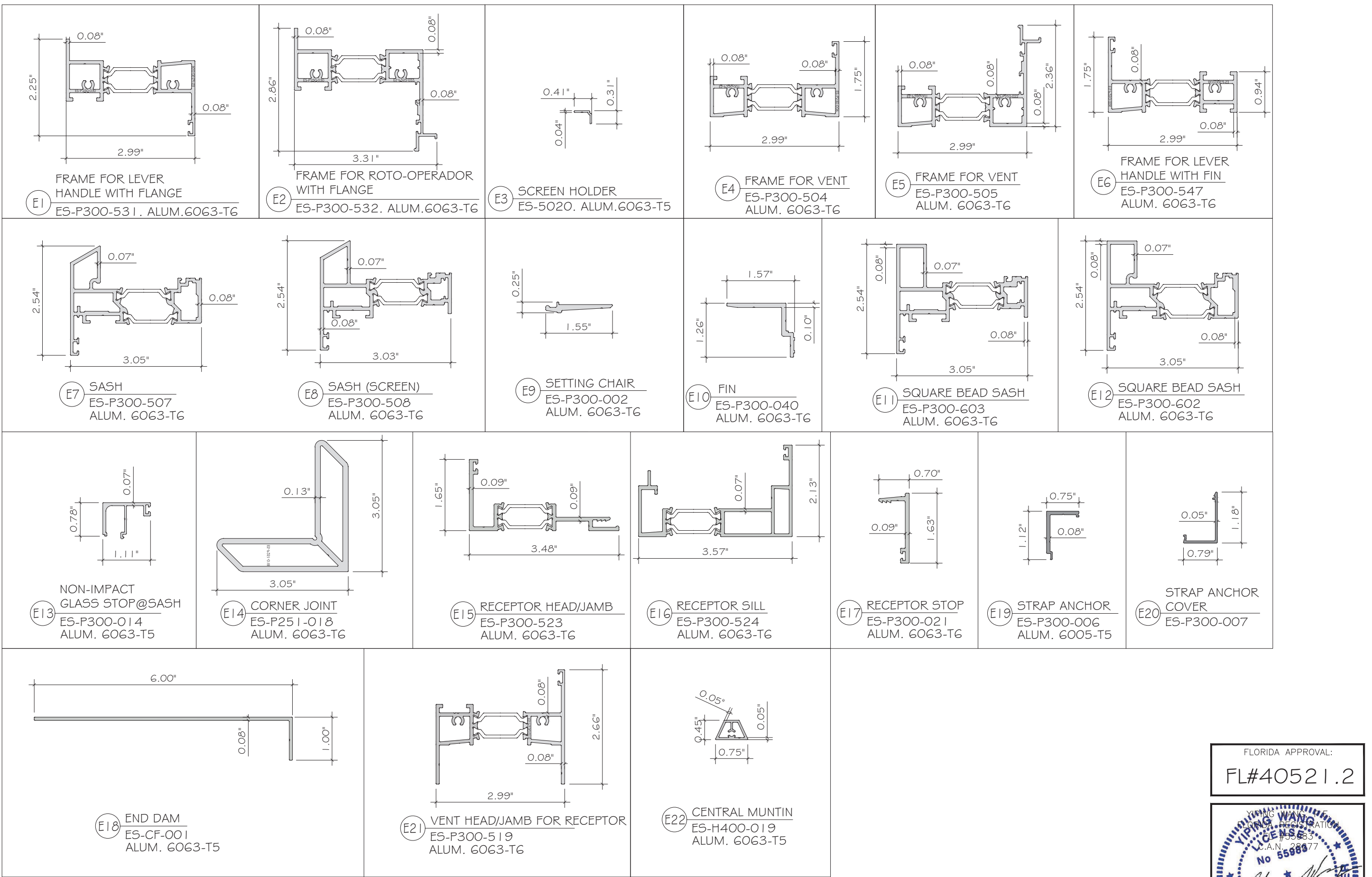


ES-P300 CASEMENT WINDOW - NON IMPACT

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

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION
Drawing No. AD21-52			
Sheet No. 23 OF 27			



FLORIDA APPROVAL:
FL#40521.2



MCY ENGINEERING, INC.

GLAZING CONSULTANTS

M

C

Y

12781 MIRAMAR PKWY, STE. 301

MIRAMAR, FL 33027

P: 305.588.5224

www.MCYEngineering.com

mcy@mcysengineering.com

ES-P300 CASEMENT WINDOW - NON IMPACT

E.S.WINDOWS, INC.

10653 NE QUAYBRIDGE CT.

MIAMI, FL 33138

TEL.(305) 624-7775

Rev. No.	Date	Drawn By	Description
R7	08.24.2026	JAMES	REVISION
R6	03.27.2026	JAMES	REVISION

Drawn Date

08.24.2026

Scale

DRAWING NO.

AD21-52

PART

Sheet No.

25 OF 27

