



144" MAX. PANEL HEIGHT

140 1/16" MAX. D.L.O.

6" MAX.

G2 OR G4

44 11/16"

MAX.D.L.O.

48 3/16" MAX.
PANEL WIDTH

12" MAX.
O.C.

12" MAX.
O.C.

MAX.

OPP.

12"
MAX. O.C.

G2 OR G4

44 11/16"

MAX.D.L.O.

47 11/16" MAX.
PANEL WIDTH

G2 OR G4

44 11/16"

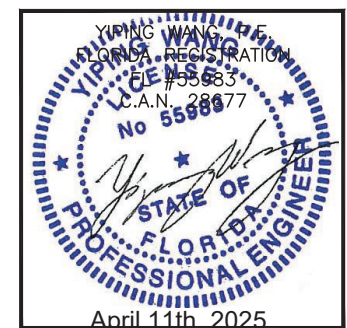
MAX.D.L.O.

48 3/16" MAX.
PANEL WIDTH

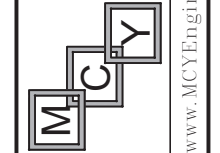
GLASS TYPE	MAX. GLASS SIZE		MAX. GLASS D.L.O.W X D.L.O.H	DESIGN LOADS (PSF)	
	D.L.O.W.	D.L.O.H.		EXT. (+)	INT. (-)
	IN.	IN.	AREA (FT²)		
G2	44 11/16"	140 1/16"	43.47	96	110
G4	44 11/16"	140 1/16"	43.47	96	110

TYPICAL EXTERIOR ELEVATIONS

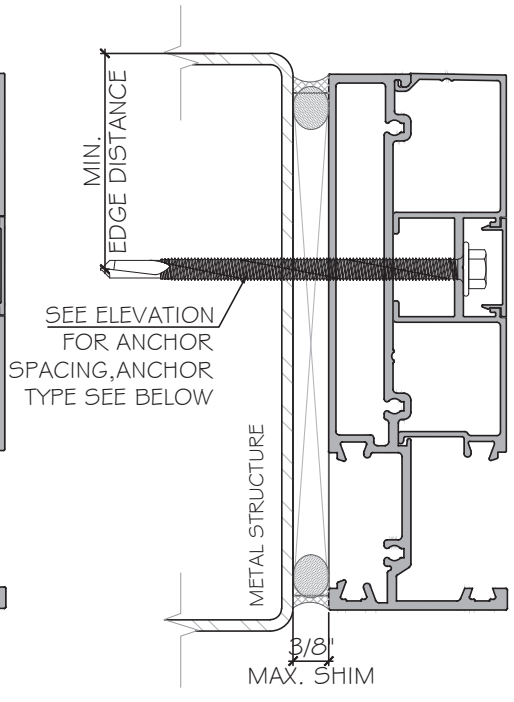
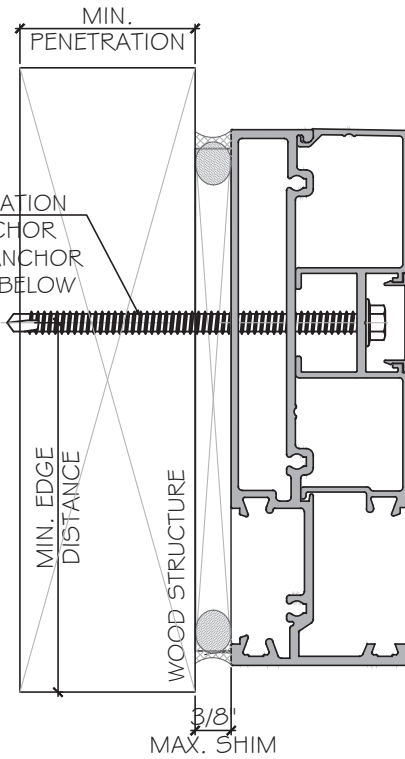
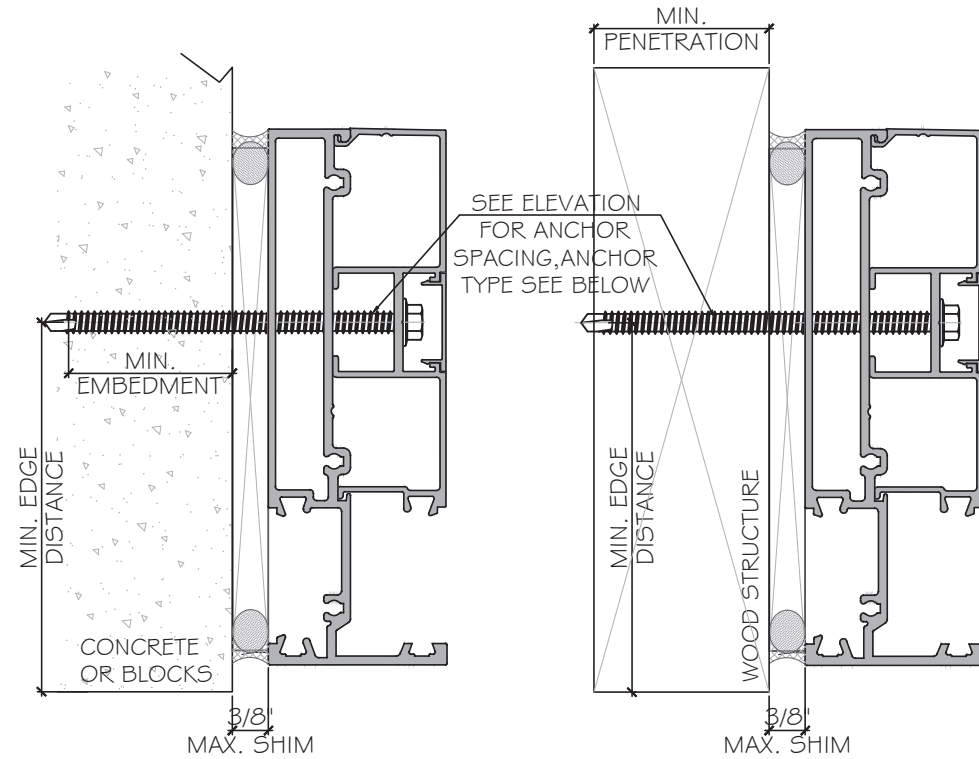
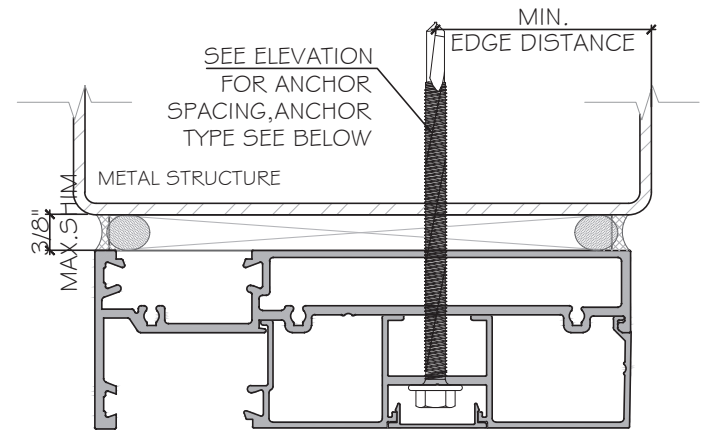
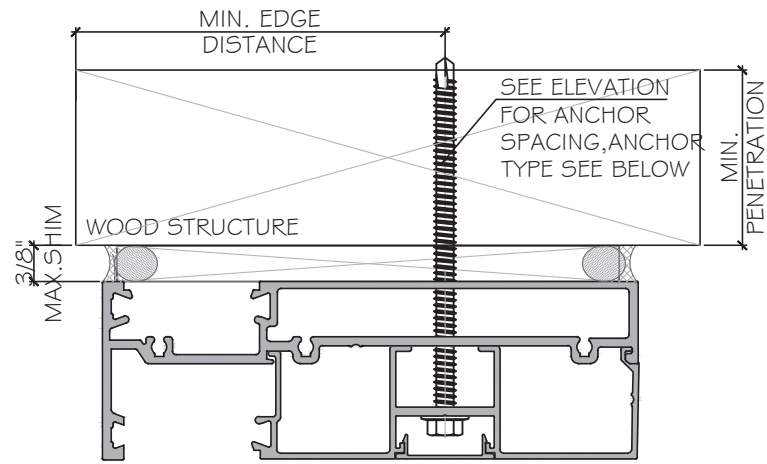
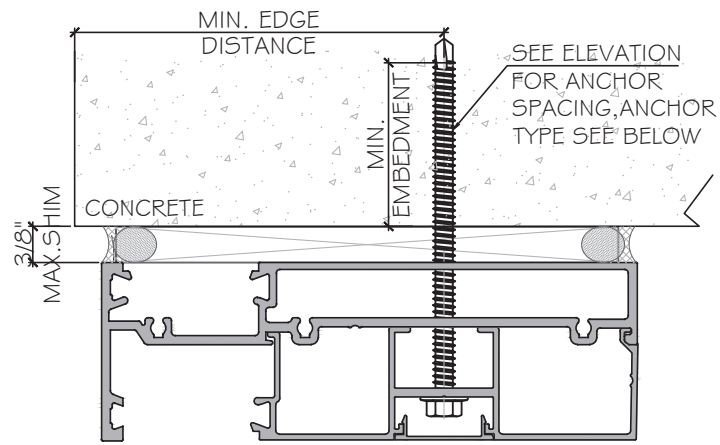
ALLOWABLE DESIGN LOAD FOR
SIZE SHOWN ABOVE OR
SMALLER AS PERMITTED BY FBC
+96/-110 PSF

[illegible]

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GLAZING CONSULTANTS



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ANCHOR TYPES: (SEE ELEVATIONS FOR SPACING)

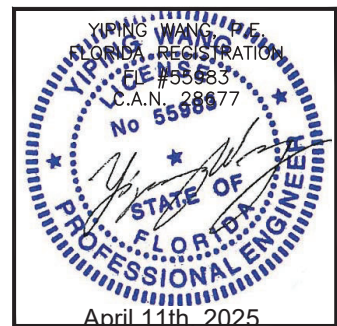
ANCHOR TYPE 'A' : 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164\text{KSI}$, $F_y=148\text{KSI}$)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/ SILL/ JAMB)
 THRU 1 BY WOOD BUCK INTO CONCRETE OR BLOCKS
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB)
 1-3/4" MIN. EMBED INTO CONCRETE OR BLOCKS (JAMB ONLY)

ANCHOR TYPE 'B' : 1/4" TEKS/ SELF DRILLING SCREW (GRADE 5) ($F_u=120\text{KSI}$, $F_y=92\text{KSI}$)
 INTO FBC APPROVED MULLIONS (ALUM.6063-T5 MIN. 1/8" THK. MIN.)
 OR INTO METAL STRUCTURES, STEEL: 1/8" THK. MIN. (A36 MIN.)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

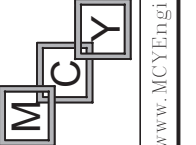
TYPICAL EDGE DISTANCE
 INTO CONCRETE (3000 PSI MIN.) OR MASONRY = 2-1/2" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

1X OR 2X WOOD BUCKS AND METAL STRUCTURES BY OTHERS MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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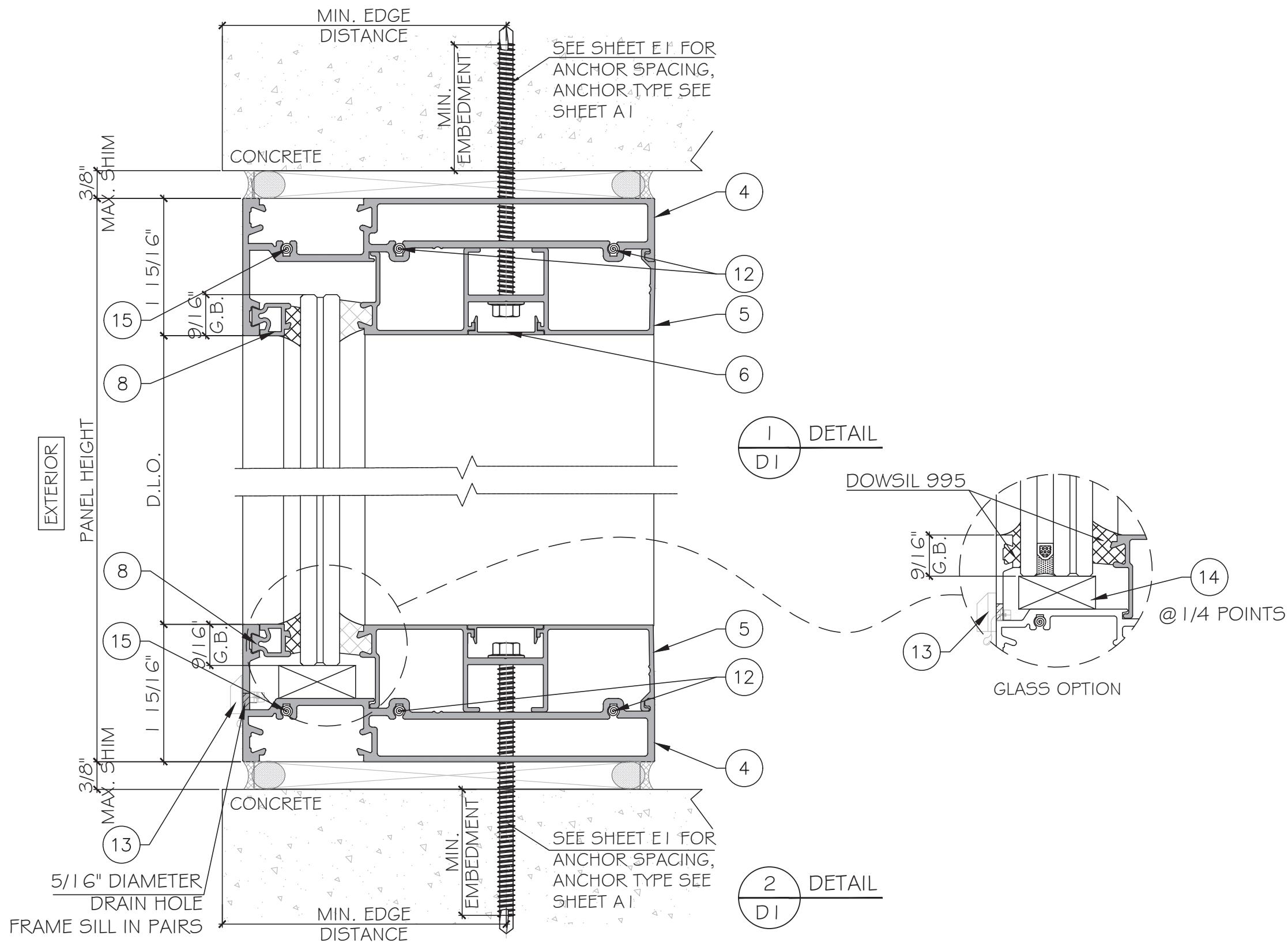


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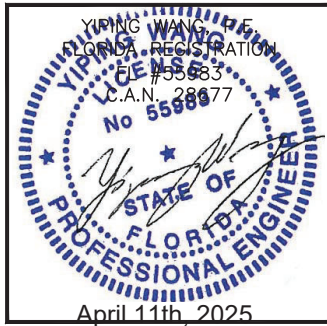


YY150 ALUMINUM WINDOW WALL - S.M.I.
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 EMAIL: Gino@elitedoorwindows.com

Rev. No.	Date	Drawn By	Description
R0	04.07.2025	James	NEW APPLICATION
Drawn Date	04.07.2025	Scale	AS SHOWN
DRAWING NO. AD25-21			
A1			
Sheet No. 3 OF 7			



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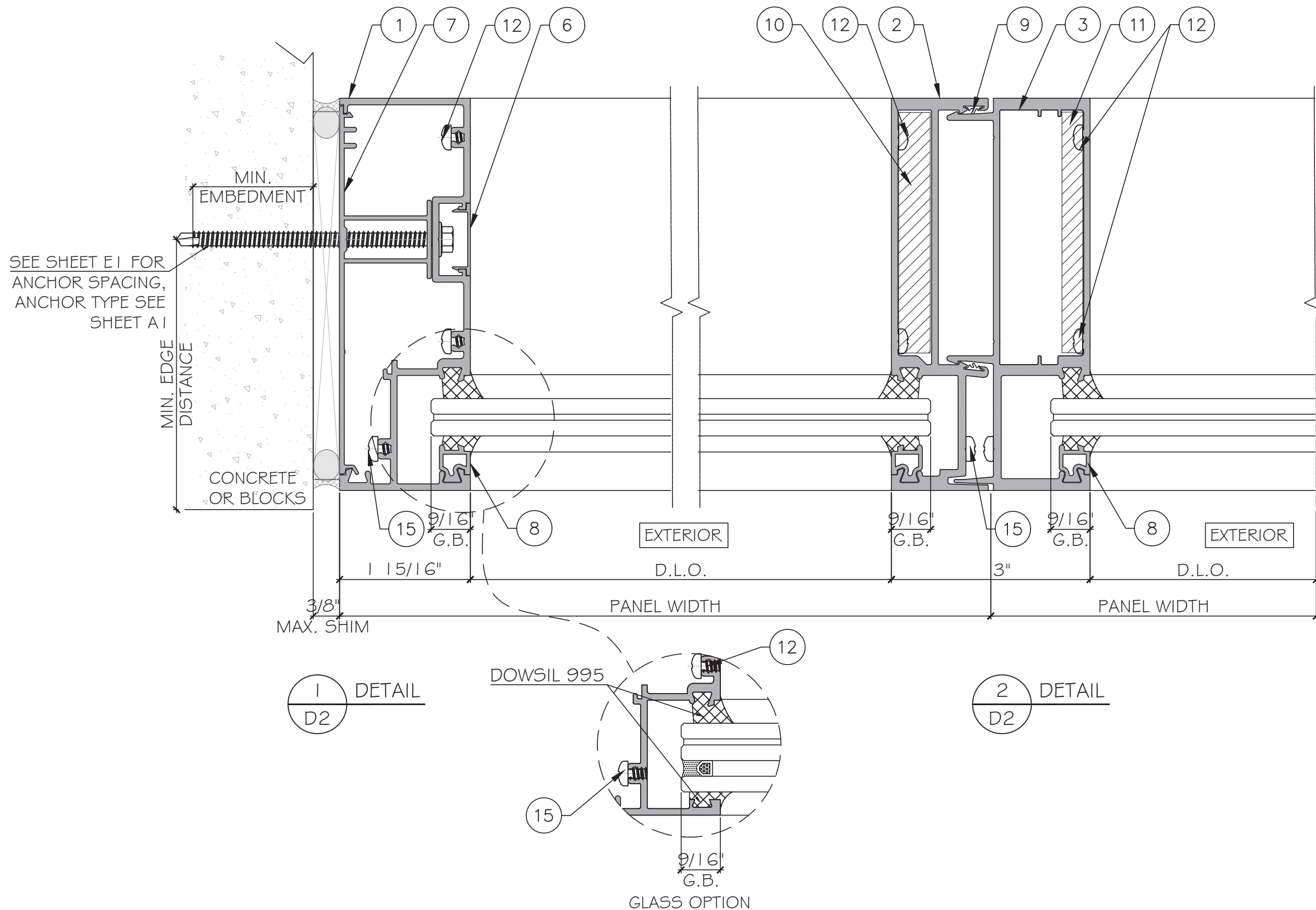


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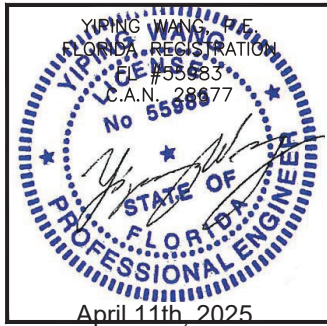
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Drawing Date: 04.07.2025
Scale: AS SHOWN
Drawing No.: AD25-21
Sheet No.: 4 OF 7



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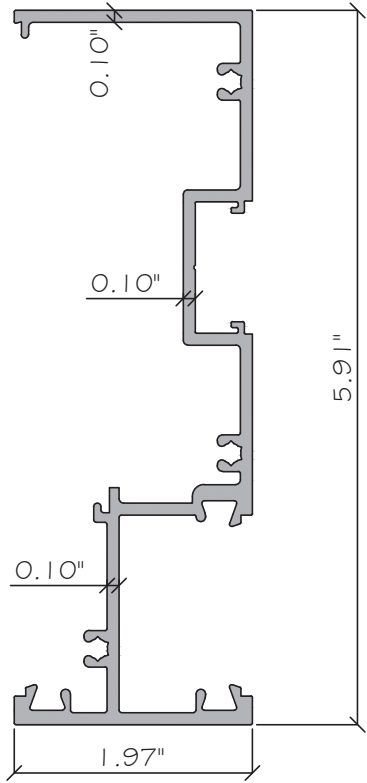
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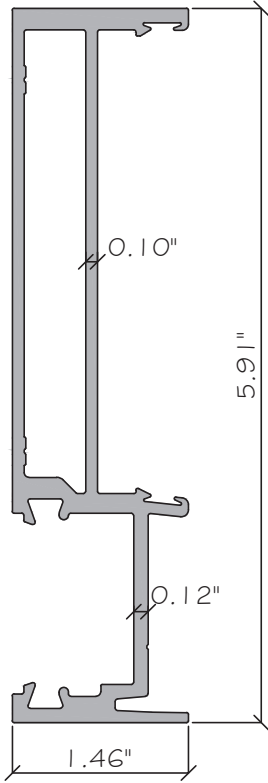
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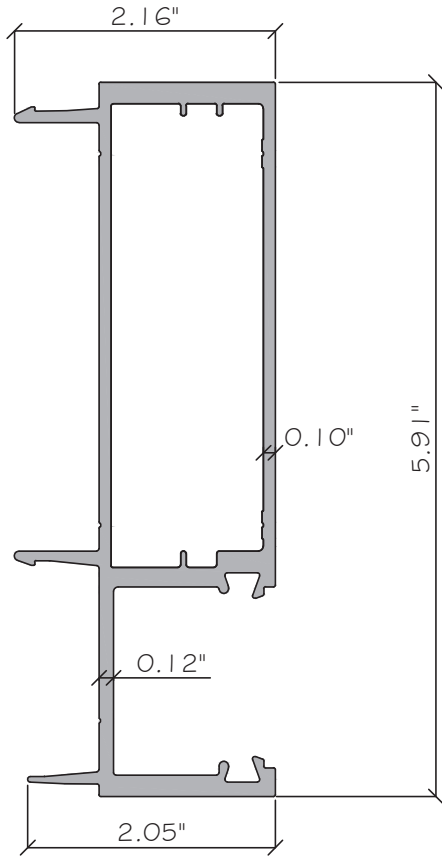
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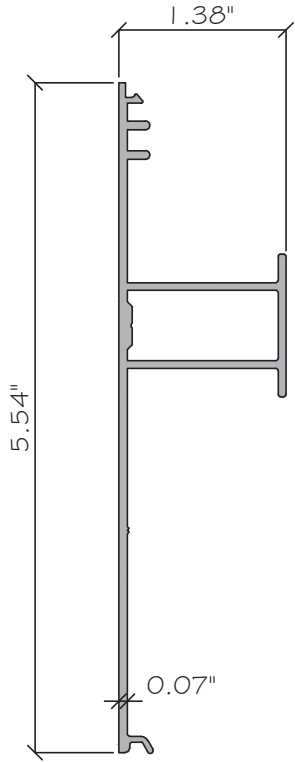
① FRAME SPA15001A
ALUM. 6063-T5



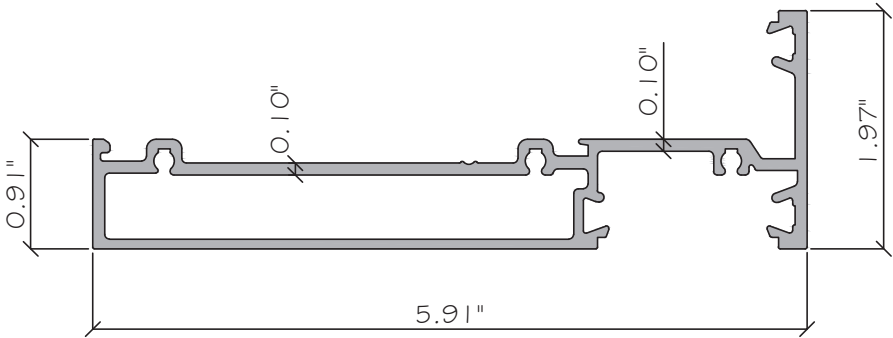
② FEMALE MULLION SPA15002B
ALUM. 6063-T6



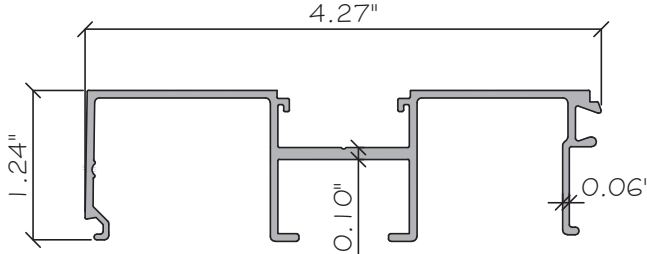
③ MALE MULLION SPA15003A
ALUM. 6063-T6



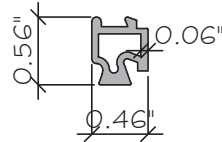
⑦ JAMB FILLER SPA15007A
ALUM. 6063-T5



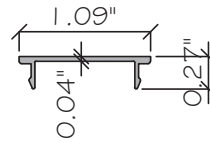
④ HEAD SILL FRAME SPA15004
ALUM. 6063-T5



⑤ GLASS STOP SPA15015
ALUM. 6063-T5

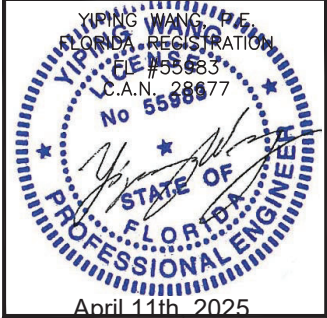


⑧ LAM. GLASS POCKET SPA10016
ALUM. 6063-T5



⑥ COVER SPA13006
ALUM. 6063-T5

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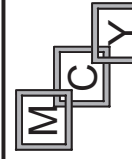
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AD25-21

PARTS

Sheet No.
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BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	MATERIAL	MANUFACTURER
1	SPA15001A	FRAME	ALUM. 6063-T5	-
2	SPA15002B	FEMALE MULLION	ALUM. 6063-T6	-
3	SPA15003A	MALE MULLION	ALUM. 6063-T6	-
4	SPA15004	HEAD SILL FRAME	ALUM. 6063-T5	-
5	SPA15015	GLASS STOP	ALUM. 6063-T5	-
6	SPA13006	COVER	ALUM. 6063-T5	-
7	SPA15007A	JAMB FILLER	ALUM. 6063-T5	-
8	SPA10016	LAM. GLASS POCKET	ALUM. 6063-T5	-
9	SBWG-26162	EPDM GASKET, ADUROMETER, 70±5 SHORE A	EPDM	-
10	-	REINFFORCING BAR 3 5/8" X 1/2"	STEEL A36 MIN.	-
11	-	REINFORCING BAR 3 5/8" X 5/16"	STEEL A36 MIN.	-
12	-	FRAME ASSEMBLY SCREWS, DIA.3/16" X 1 1/4"	410 STAINLESS STEEL	VARIES
13	WHCO1	WEEP HOLE COVER	-	-
14	-	EPDM SETTING BLOCKS, 1 5/32" X 1", ADUROMETER 80±5 SHORE A	EPDM	-
15	-	FRAME ASSEMBLY SCREWS, DIA.3/16" X 2 3/8"	410 STAINLESS STEEL	VARIES
16	-	STRUCTURAL SILICONE DOWSIL 995	SILICONE	DOWSIL

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7 OF 7

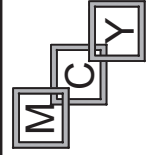
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