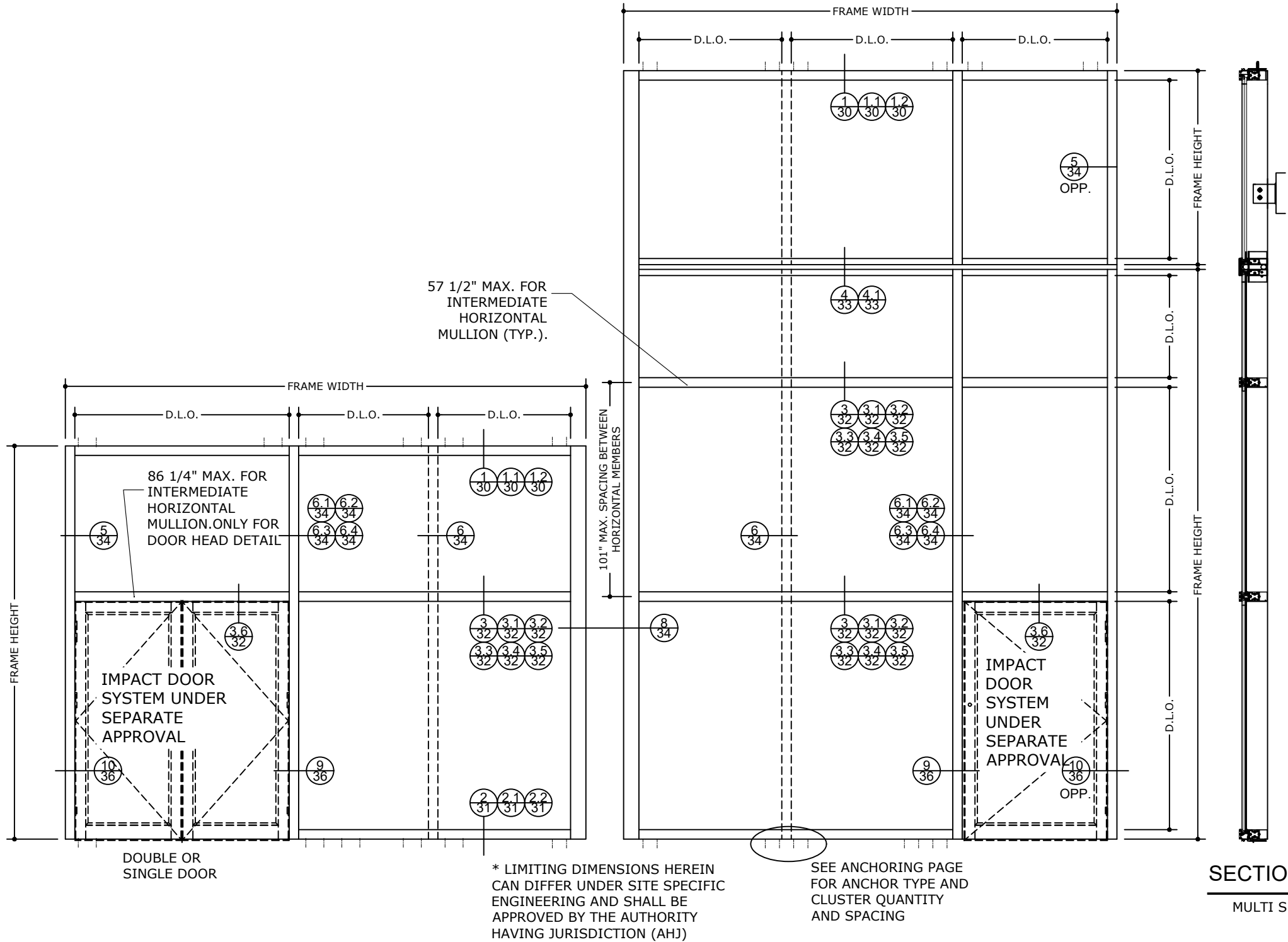
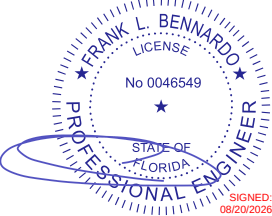
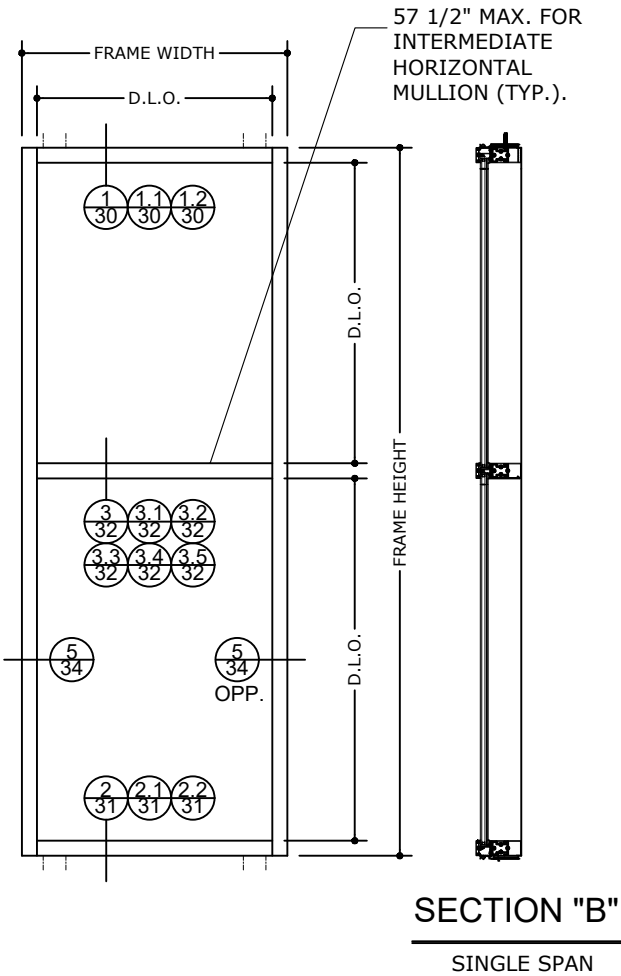




TYPICAL CURTAINWALL ELEVATION



TYPICAL SINGLE PANEL OPENING

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
- STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS
NOTE: TO DETERMINE THE LOADS OF THE MULLIONS, SEE DIAGRAMS ON PAGES 08 & 16
NOTE: FOR TWIN SPANS, BOTH MULLIONS SPANS NEED TO BE LOOKED UP IN THE MULLION LOADING TABLES AND THE MINIMUM PRESSURE SHALL GOVERN.
- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE CURTAIN WALL SYSTEM.

WATER INFILTRATION NOTE:
WATER RESISTANCE PER TAS 202 AND ASTM E331= 15 P.S.F

FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE GLASS CHARTS

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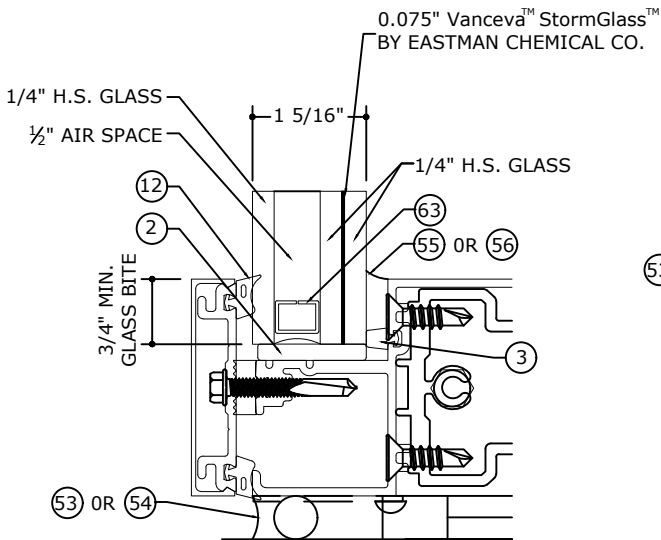
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2026 FBC UPDATE	AEG	RS	08/10/26

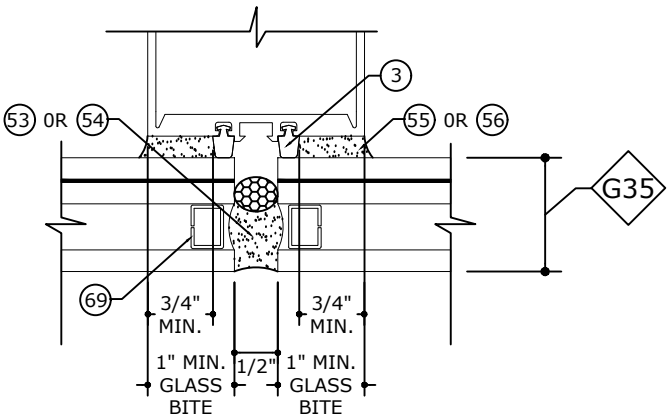
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SCALE: NTS UNLESS NOTED

GLASS TYPE (L.M.I.) - MISSILE LEVEL "D"

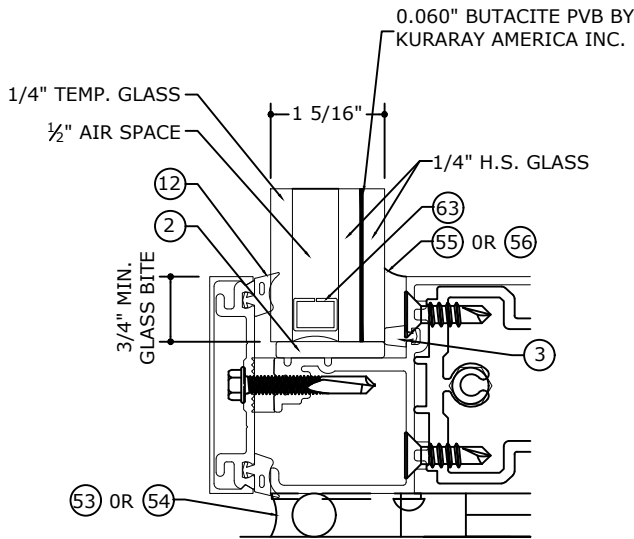


GLASS TYPE 
GLAZING DETAIL
N.T.S.
GLASS RATING:
LARGE MISSILE LEVEL D
1 5/16" GLASS

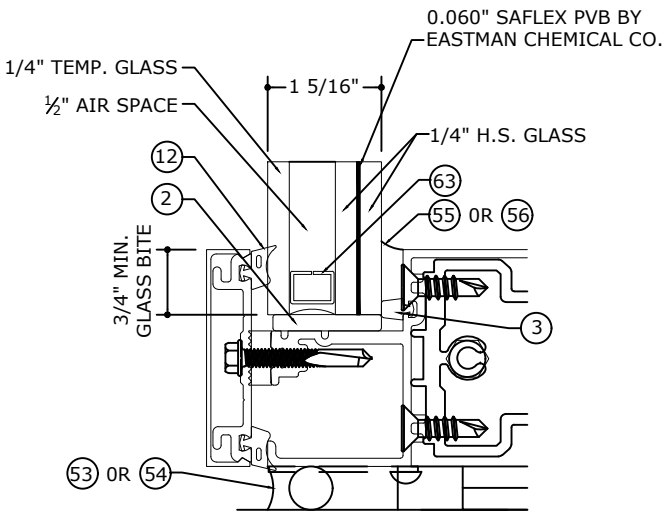


GLAZING DETAIL (TOP VIEW)
N.T.S.
GLASS RATING:
LARGE MISSILE LEVEL D
1 5/16" GLASS

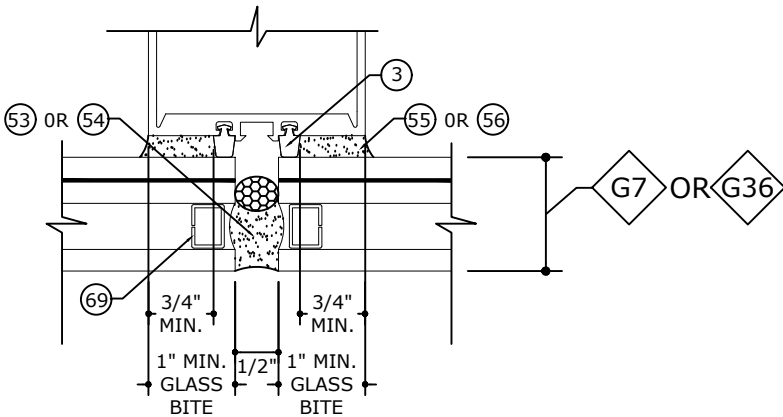
GLASS TYPES (S.M.I.)



GLASS TYPE 
GLAZING DETAIL
N.T.S.
GLASS RATING:
SMALL MISSILE
1 5/16" GLASS



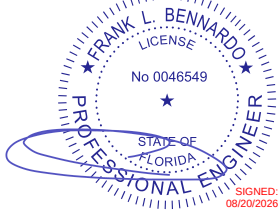
GLASS TYPE 
GLAZING DETAIL
N.T.S.
GLASS RATING:
SMALL MISSILE
1 5/16" GLASS



GLAZING DETAIL (TOP VIEW)
N.T.S.
GLASS RATING:
SMALL MISSILE
1 5/16" GLASS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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2026 FBC UPDATE	AEG	RS	08/10/26

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SCALE: NTS UNLESS NOTED

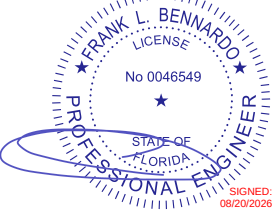
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GLASS LOADING TABLES - MISSILE LEVEL "D"

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
24	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
30	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
36	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90

GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
42	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
48	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	85	85
	57 1/2	85	85
	60	85	85
	66	85	85
	72	85	85
54	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	75	75
	60	75	75
	66	75	75
	72	75	75

GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
60	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	71	71
	60	68	68
	66	68	68
	72	68	68
66	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	71	71
	60	68	68
	66	62	62
	72	-	-
72	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	71	71
	60	68	68
	66	-	-
	72	-	-

NOTE:
D.L.O. WIDTH AND HEIGHT DIMENSIONS CAN
BE REVERSED.

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2026 FBC UPDATE	AEG	RS	08/10/26
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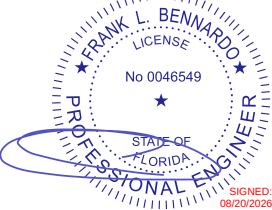
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GLASS LOADING TABLES - MISSILE LEVEL "D"

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
78	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
84	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
90	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
96	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
101	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
108	24	90	90
	30	90	90
	36	90	90
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

GLASS TYPES		GLASS TYPE  LOADING CHART (L.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
114	24	90	90
	30	90	90
	36	90	90
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
120	24	90	90
	30	90	90
	36	90	90
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

NOTE:
D.L.O. WIDTH AND HEIGHT DIMENSIONS CAN
BE REVERSED.

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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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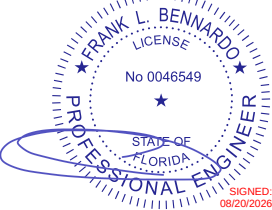
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GLASS LOADING TABLES - SMALL MISSILE

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
24	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
30	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
36	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90

GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
42	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	90	90
	54	90	90
	57 1/2	90	90
	60	90	90
	66	90	90
	72	90	90
48	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	85	85
	57 1/2	85	85
	60	85	85
	66	85	85
	72	85	85
54	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	75	75
	60	75	75
	66	75	75
	72	-	-

GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) <i>P.S.F</i>	(-) <i>P.S.F</i>
60	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	71	71
	60	68	68
	66	-	-
	72	-	-
66	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	75	75
	57 1/2	71	71
	60	-	-
	66	-	-
	72	-	-
72	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

NOTE:
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2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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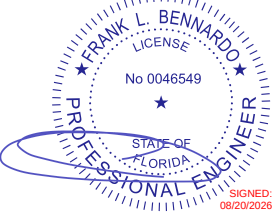
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GLASS LOADING TABLES - SMALL MISSILE

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
78	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	85	85
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
84	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	90	90
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
90	24	90	90
	30	90	90
	36	90	90
	42	90	90
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
96	24	90	90
	30	90	90
	36	90	90
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
101	24	90	90
	30	90	90
	36	90	90
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
108	24	90	90
	30	90	90
	36	-	-
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

GLASS TYPES		GLASS TYPE   LOADING CHART (S.M.I.)	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
114	24	90	90
	30	90	90
	36	-	-
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-
120	24	90	90
	30	90	90
	36	-	-
	42	-	-
	45 1/2	-	-
	48	-	-
	54	-	-
	57 1/2	-	-
	60	-	-
	66	-	-
	72	-	-

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2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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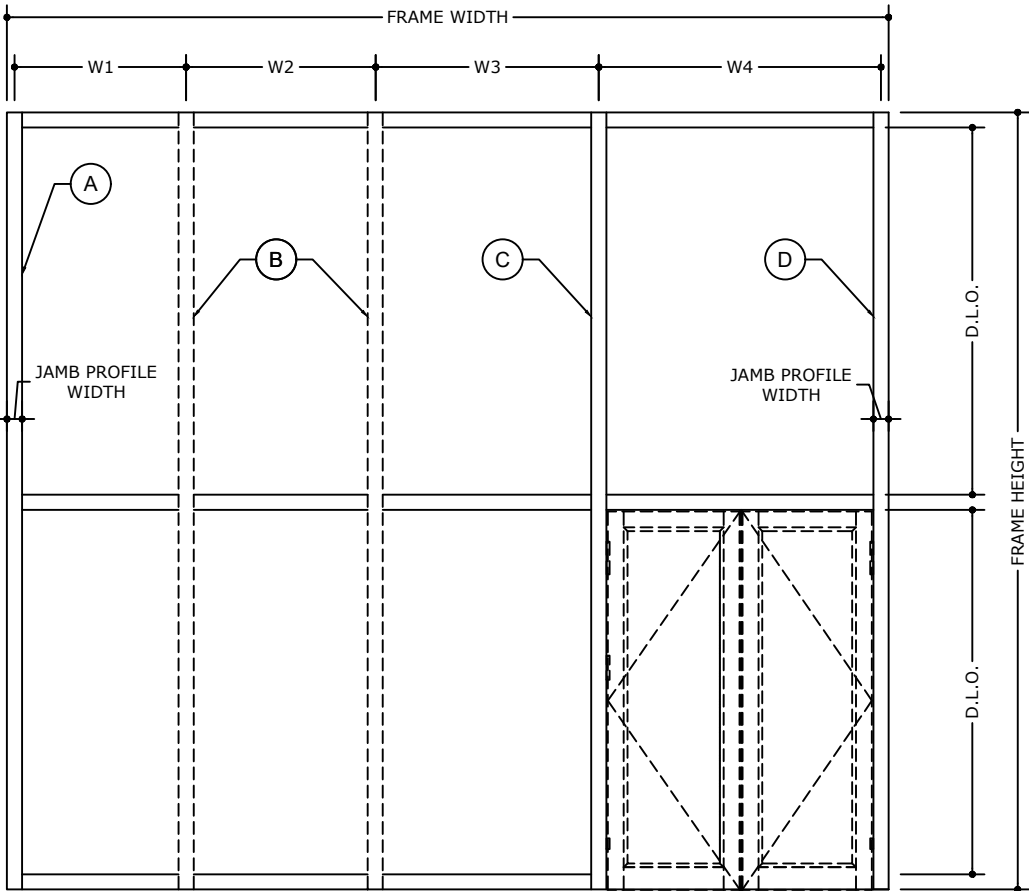
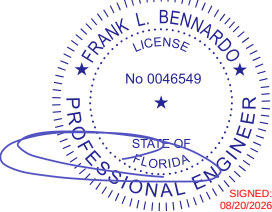
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NOTE:
D.L.O. WIDTH AND HEIGHT DIMENSIONS CAN
BE REVERSED.

SINGLE SPAN MULLION DETERMINATION LOAD

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



LOAD DETERMINATION

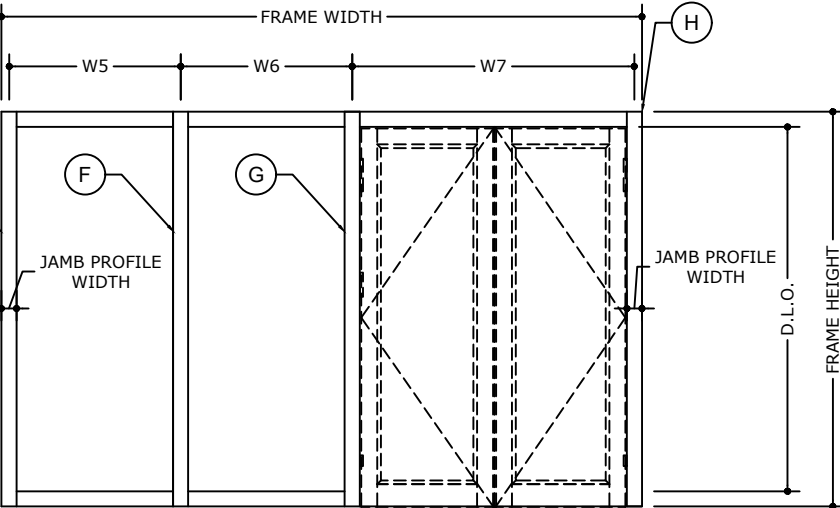
L = FRAME HEIGHT
JAMB WIDTH = 3"

EFFECTIVE SPACING A = $\frac{W1}{2} + 1/2"$ JAMB WIDTH
(FOR STANDARD JAMB MULLION)

EFFECTIVE SPACING B = $\frac{W1 + W2}{2}$ OR $\frac{W2 + W3}{2}$
(FOR STANDARD MULLION)

EFFECTIVE SPACING C = $\frac{W3 + W4}{2}$
(FOR INTERMEDIATE DOOR MULLION)

EFFECTIVE SPACING D = $\frac{W4}{2} + 1/2"$ JAMB WIDTH
(FOR DOOR JAMB MULLION MULLION)



LOAD DETERMINATION

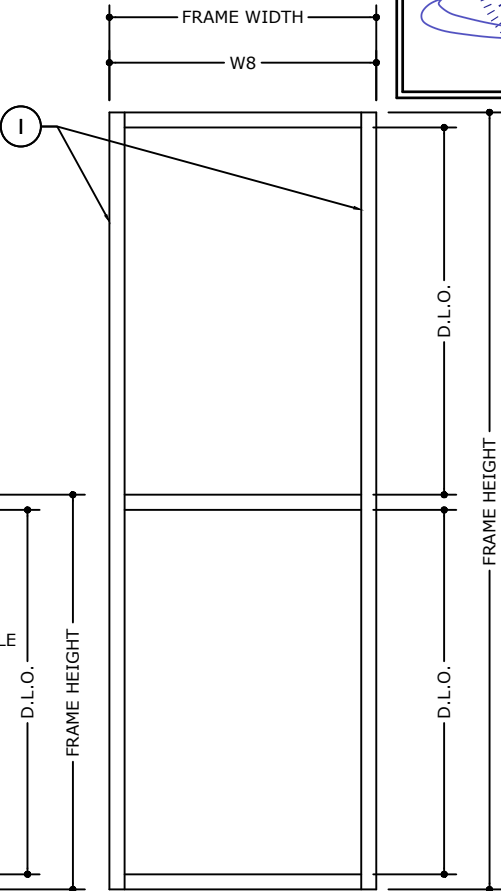
L = FRAME HEIGHT
JAMB WIDTH = 3"

EFFECTIVE SPACING E = $\frac{W5}{2} + 1/2"$ JAMB WIDTH
(FOR STANDARD JAMB MULLION)

EFFECTIVE SPACING F = $\frac{W5 + W6}{2}$
(FOR STANDARD MULLION)

EFFECTIVE SPACING G = $\frac{W6}{2} + \frac{W7}{4}$
(FOR INTERMEDIATE DOOR MULLION)

EFFECTIVE SPACING H = $\frac{W7}{4} + 1/2"$ JAMB WIDTH
(FOR DOOR JAMB MULLION MULLION)



LOAD DETERMINATION

L = FRAME HEIGHT
JAMB WIDTH = 3"

EFFECTIVE SPACING I = $\frac{W8}{2} + 1/2"$ JAMB WIDTH
(FOR STANDARD JAMB MULLION)

- (A) (E) (I) JAMB MULLION
- (B) (F) STANDARD MULLION
- (C) (G) DOOR JAMB INTERMEDIATE MULLION
- (D) (H) DOOR JAMB MULLION

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REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	.	.	.
	.	.	.

26-101739

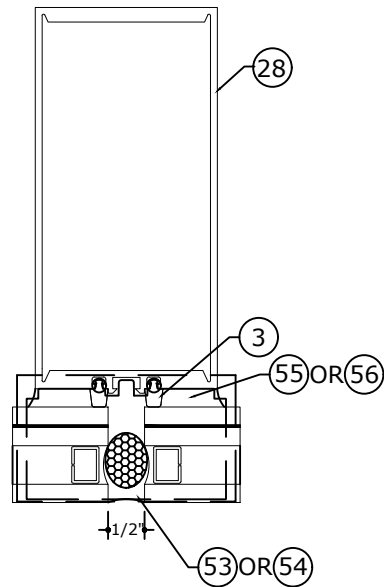
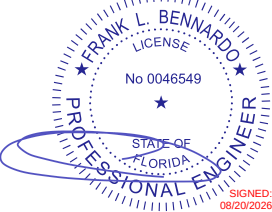
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RELIANCE STORMMAXTM SSG SINGLE SPAN MULLION

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026

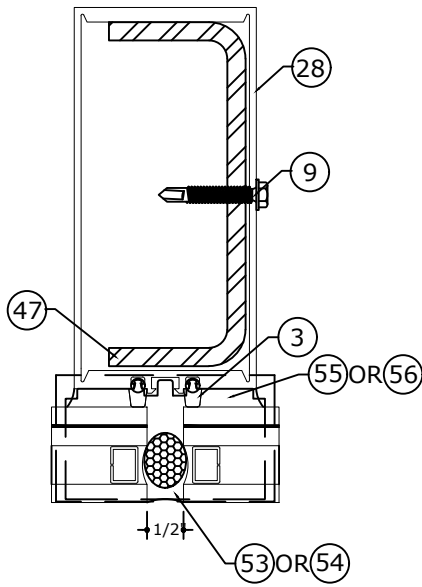


M1

Ix= 8.0273 in4
Sx= 3.0435 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 6 ON 34

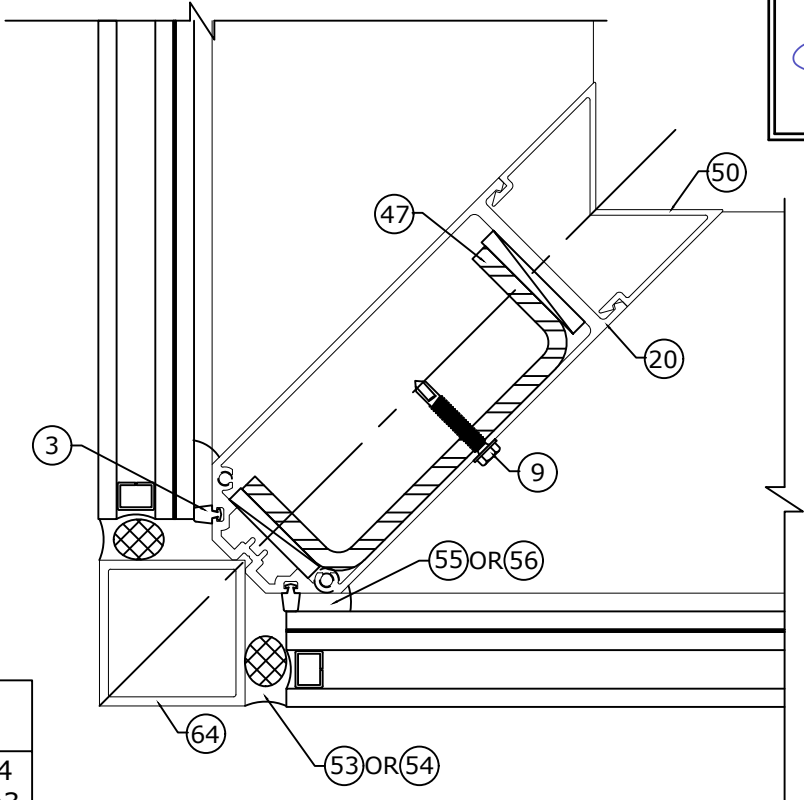


M2

Ix= 25.5382 in4
Sx= 9.8032 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 6 ON 34

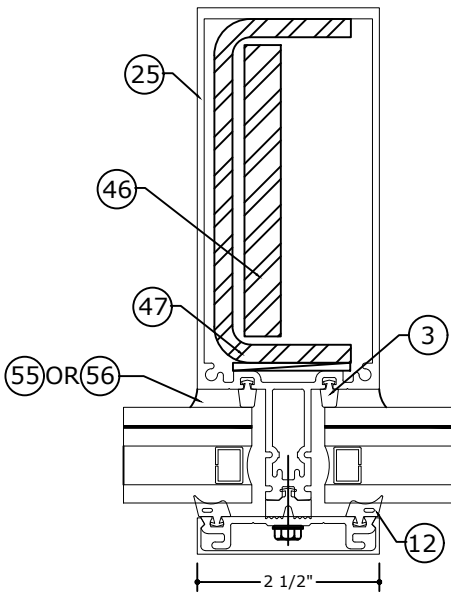


CM1

Ix= 27.782 in4
Sx= 8.6737 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 8 ON 34

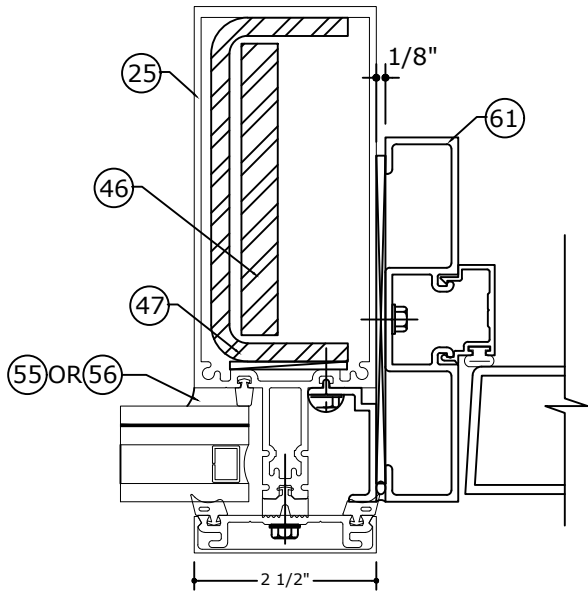


DJM1

Ix= 37.488 in4
Sx= 9.085 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 6.4 ON 34



DJ1

Ix= 37.488 in4
Sx= 9.085 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 6.4 ON 34

NOTE:
REINFORCEMENT MEMBERS
MUST BE SHIMMED TIGHT.

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REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26

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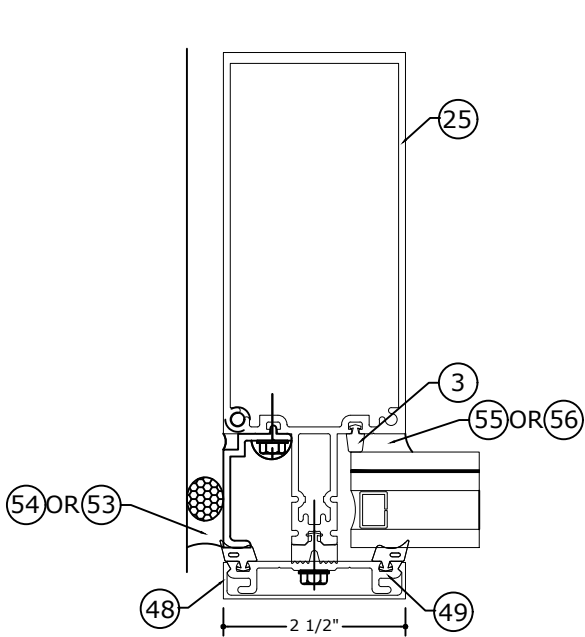
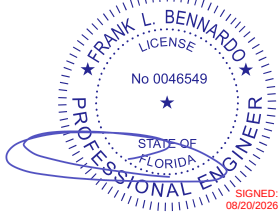
OF
44

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RELIANCE STORMMAXTM SSG SINGLE SPAN JAMB

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026

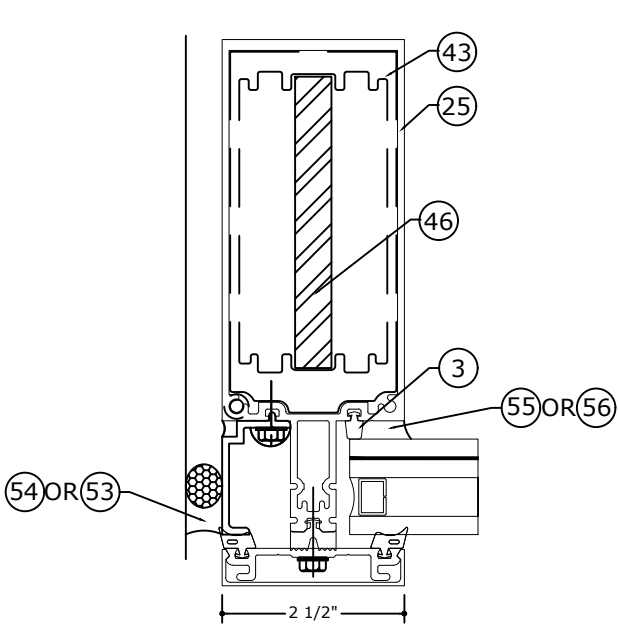


J1

Ix= 10.803 in4
Sx= 3.1168 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 5 ON 34

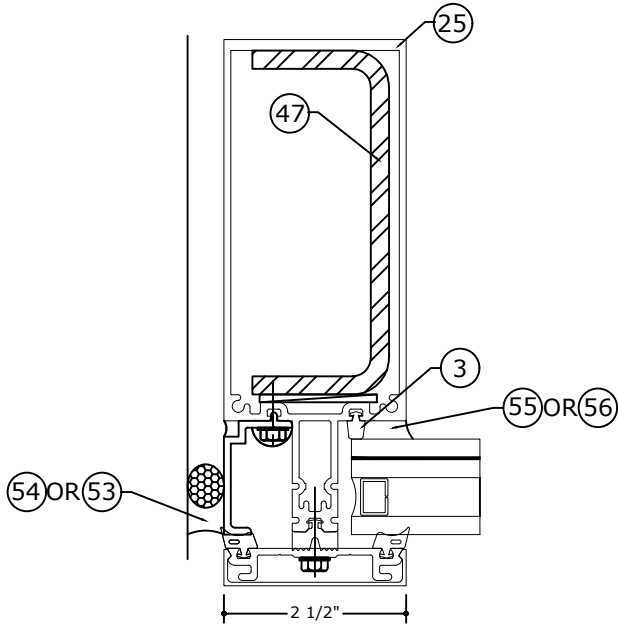


J2

Ix= 28.7 in4
Sx= 6.7 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 5 ON 34



J3

Ix= 29.375 in4
Sx= 7.31 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 5 ON 34

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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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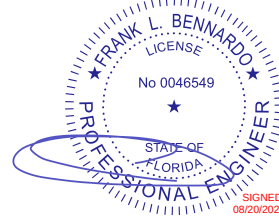
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PE# 0046549 CA# 9885

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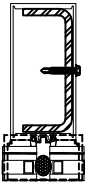
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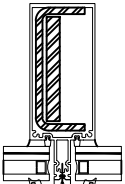
12 44

MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - SINGLE SPAN

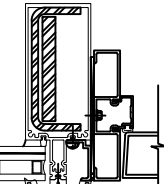
SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE	
		M2		DJM1 - DJ1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
106	24	70	70	70	80
	30	70	70	70	80
	36	70	70	70	80
	42	70	70	70	80
	48	70	70	70	80
	54	70	70	70	80
	60	70	70	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
114	24	70	70	70	80
	30	70	70	70	80
	36	70	70	70	80
	42	70	70	70	80
	48	70	70	70	80
	54	70	70	70	80
	60	70	70	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
120	24	70	70	70	80
	30	70	70	70	80
	36	70	70	70	80
	42	70	70	70	80
	48	70	70	70	80
	54	70	70	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
126	24	70	70	70	80
	30	70	70	70	80
	36	70	70	70	80
	42	70	70	70	80
	48	70	70	70	80
	54	70	70	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80



M2



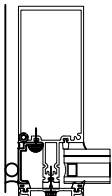
DJM1



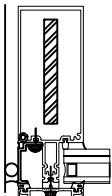
DJ1

MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - SINGLE SPAN

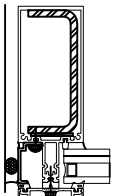
SINGLE SPAN JAMB LOADING CHART		JAMB TYPE		JAMB TYPE		JAMB TYPE	
		J1		J2		J3	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
106	8	65	65	70	70	100	100
	12	65	65	70	70	100	100
	16	65	65	70	70	100	100
	20	65	65	70	70	100	100
	25-1/2	65	65	70	70	100	100
	31-1/2	-	-	70	70	100	100
	38	-	-	-	-	100	100
	44	-	-	-	-	100	100
	50	-	-	-	-	-	-
	56	-	-	-	-	-	-
114	8	-	-	70	70	100	100
	12	-	-	70	70	100	100
	16	-	-	70	70	100	100
	20	-	-	70	70	100	100
	25-1/2	-	-	70	70	100	100
	31-1/2	-	-	70	70	100	100
	38	-	-	-	-	100	100
	44	-	-	-	-	-	-
	50	-	-	-	-	-	-
	56	-	-	-	-	-	-
120	8	-	-	70	70	100	100
	12	-	-	70	70	100	100
	16	-	-	70	70	100	100
	20	-	-	70	70	100	100
	25-1/2	-	-	70	70	100	100
	31-1/2	-	-	-	-	100	100
	38	-	-	-	-	100	100
	44	-	-	-	-	-	-
	50	-	-	-	-	-	-
	56	-	-	-	-	-	-
126	8	-	-	70	70	100	100
	12	-	-	70	70	100	100
	16	-	-	70	70	100	100
	20	-	-	70	70	100	100
	25-1/2	-	-	70	70	100	100
	31-1/2	-	-	-	-	100	100
	38	-	-	-	-	-	-
	44	-	-	-	-	-	-
	50	-	-	-	-	-	-
	56	-	-	-	-	-	-



J1



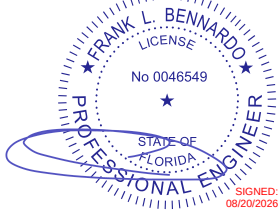
J2



J3

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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

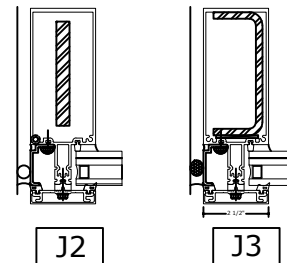
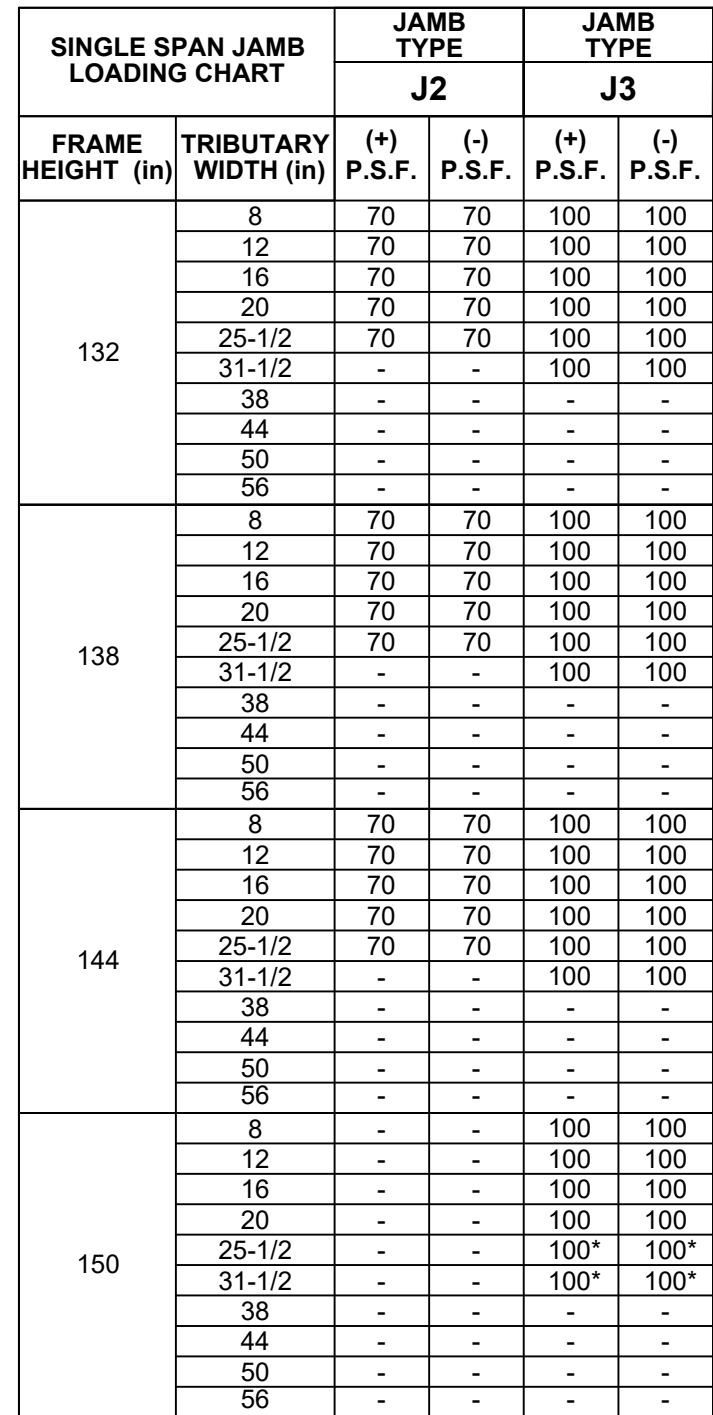
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MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - SINGLE SPAN

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2026 FBC UPDATE	AEG	RS	08/10/26
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-	-	-	-

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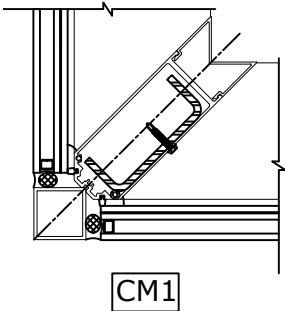
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MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD CORNER MULLION - SINGLE SPAN

SINGLE SPAN CORNER MULLION LOADING CHART		MULLION TYPE	
		CM1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
96	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	100	100
	74	-	-
102	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	100	100
	74	-	-
108	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	100	100
	74	-	-
114	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	100	100
	74	-	-

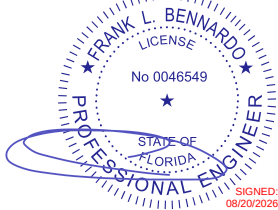
SINGLE SPAN CORNER MULLION LOADING CHART		MULLION TYPE	
		CM1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
120	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	100	100
	74	-	-
126	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	-	-
	74	-	-
132	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	100	100
	72	-	-
	74	-	-
138	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	-	-
	72	-	-
	74	-	-

SINGLE SPAN CORNER MULLION LOADING CHART		MULLION TYPE	
		CM1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
144	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	-	-
	72	-	-
	74	-	-
150	24	100	100
	30	100	100
	36	100	100
	42	100	100
	48	100	100
	54	100	100
	60	100	100
	66	-	-
	72	-	-
	74	-	-



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PE# 0046549 CA# 9885

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2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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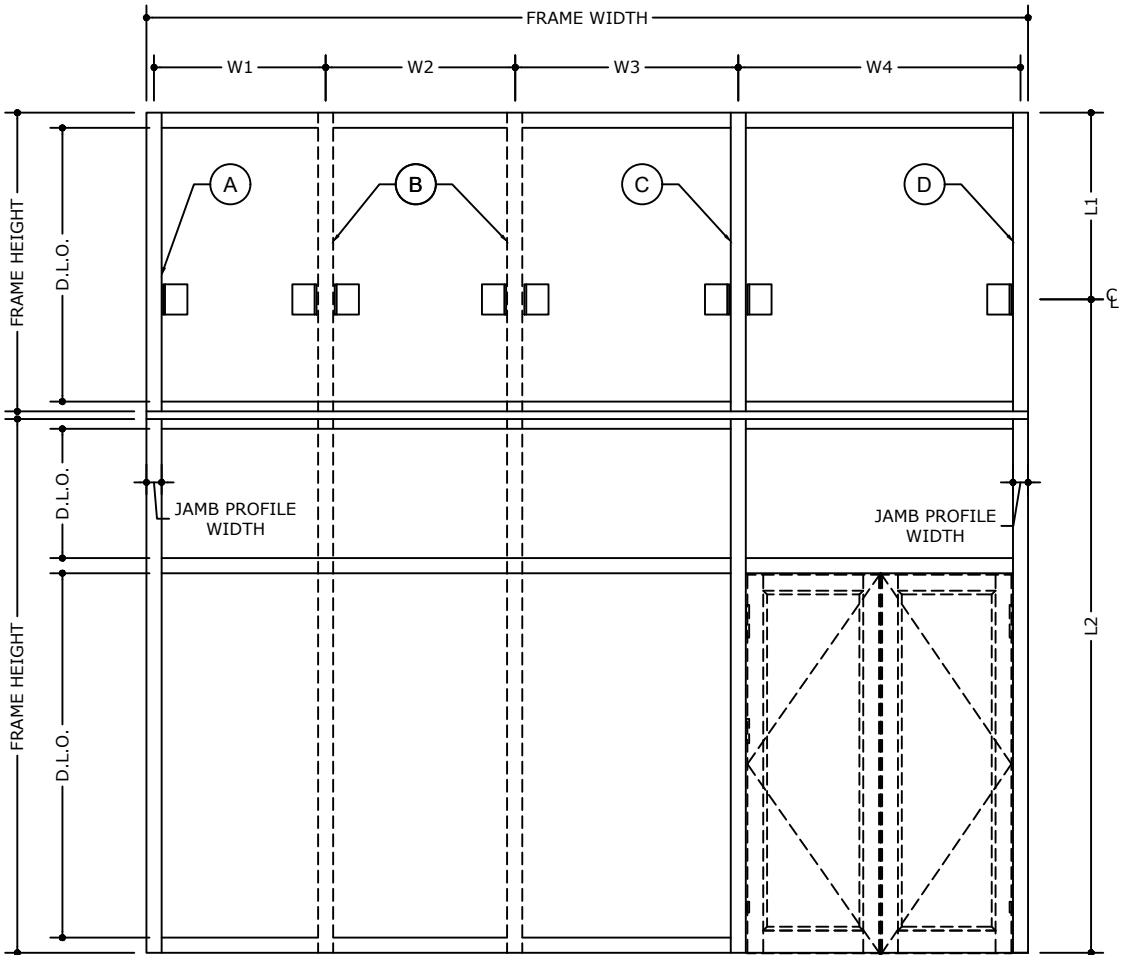
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TWIN SPAN MULLION DETERMINATION LOAD



SPAN (L) = LARGER OF L1 OR L2

LOAD DETERMINATION

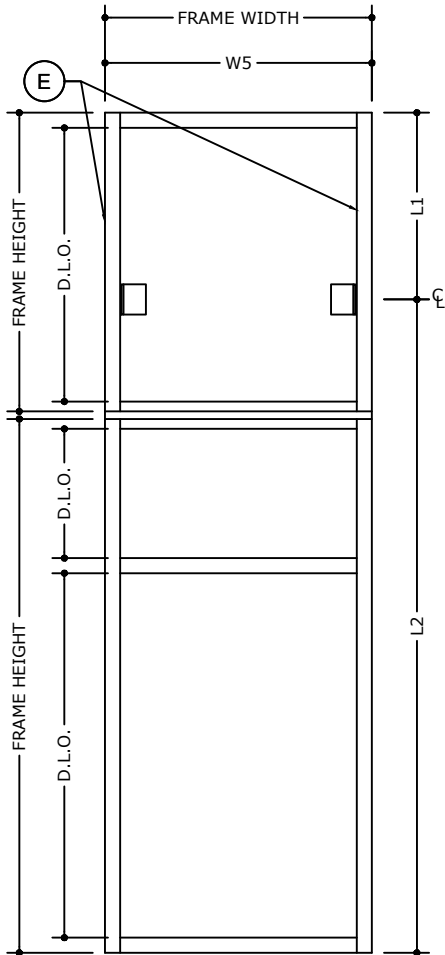
TRIBUTARY WIDTH A = $\frac{W1}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH B = LARGER OF $\frac{W1 + W2}{2}$ OR $\frac{W2 + W3}{2}$
(FOR STANDARD MULLION)

TRIBUTARY WIDTH C = $\frac{W3 + W4}{2}$
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH D = $\frac{W4}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR DOOR JAMB MULLION)

- A E JAMB MULLION
- B STANDARD MULLION
- C DOOR JAMB INTERMEDIATE MULLION
- D DOOR JAMB MULLION



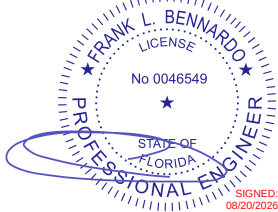
SPAN (L) = LARGER OF L1 OR L2

LOAD DETERMINATION

TRIBUTARY WIDTH E = $\frac{W5}{2}$
(FOR STANDARD JAMB MULLION)

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.3)

REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

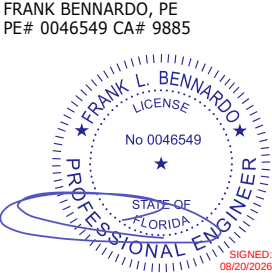
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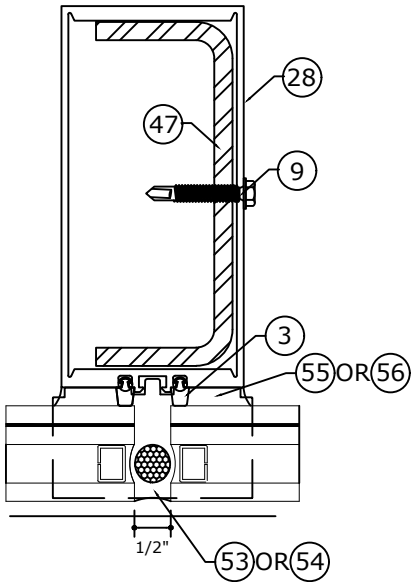
SCALE: NTS UNLESS NOTED

16 OF 44

RELIANCE STORMMAXTM SSG TWIN SPAN MULLION (WITH & WITHOUT SPLICE)

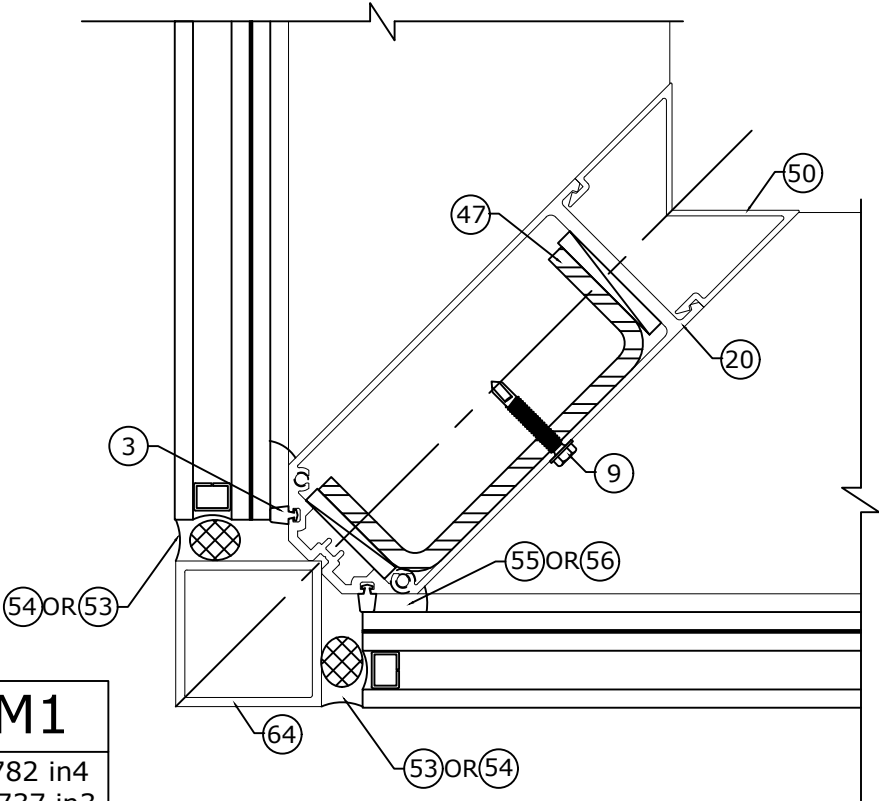


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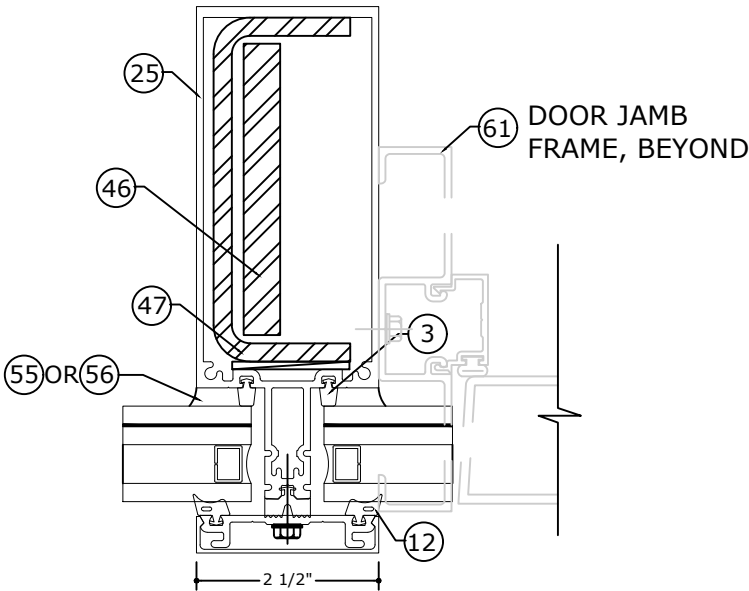
TM1
Ix= 25.5382 in4
Sx= 9.8032 in3

REF. DETAIL 6 ON 34



TCM1
Ix= 27.782 in4
Sx= 8.6737 in3

REF. DETAIL 8 ON 34



TDJ1
Ix= 37.488 in4
Sx= 9.085 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 6.4 ON 34

NOTE:
REFER TO PAGE 19 AND 20 FOR
LENGTH OF REINFORCEMENT
(PART# 47)

NOTE:
REINFORCEMENT MEMBERS
MUST BE SHIMMED TIGHT.

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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.3)

REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

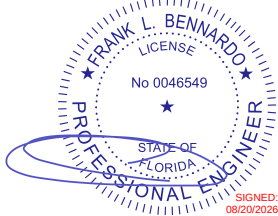
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RELIANCE STORMMAXTM SSG TWIN SPAN JAMB (WITH & WITHOUT SPLICE)

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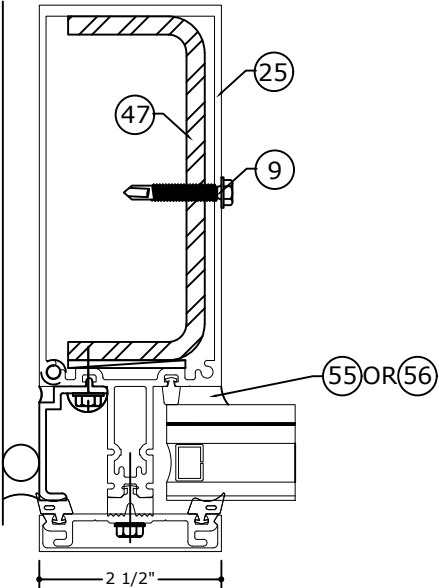
REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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TJ1

Ix= 29.375 in4
Sx= 7.31 in3

REF. DETAIL 5 ON 34

NOTE:
REFER TO PAGE 19 AND 20 FOR
LENGTH OF REINFORCEMENT
(PART # 47)

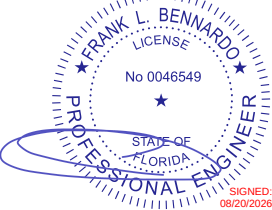
NOTE:
REINFORCEMENT MEMBERS
MUST BE SHIMMED TIGHT.

Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

OPTIONS FOR JAMB, CORNER AND STANDARD MULLIONS INSTALLATION FOR
TWIN SPAN CURTAIN WALL SYSTEM WITH SPLICED MULLIONS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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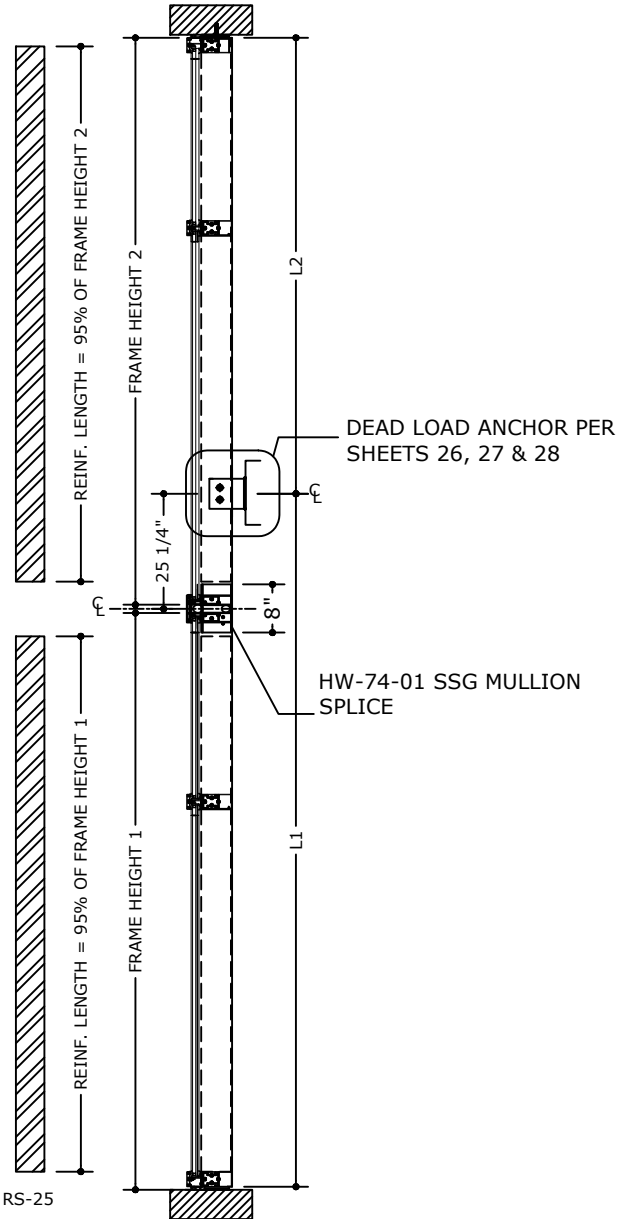
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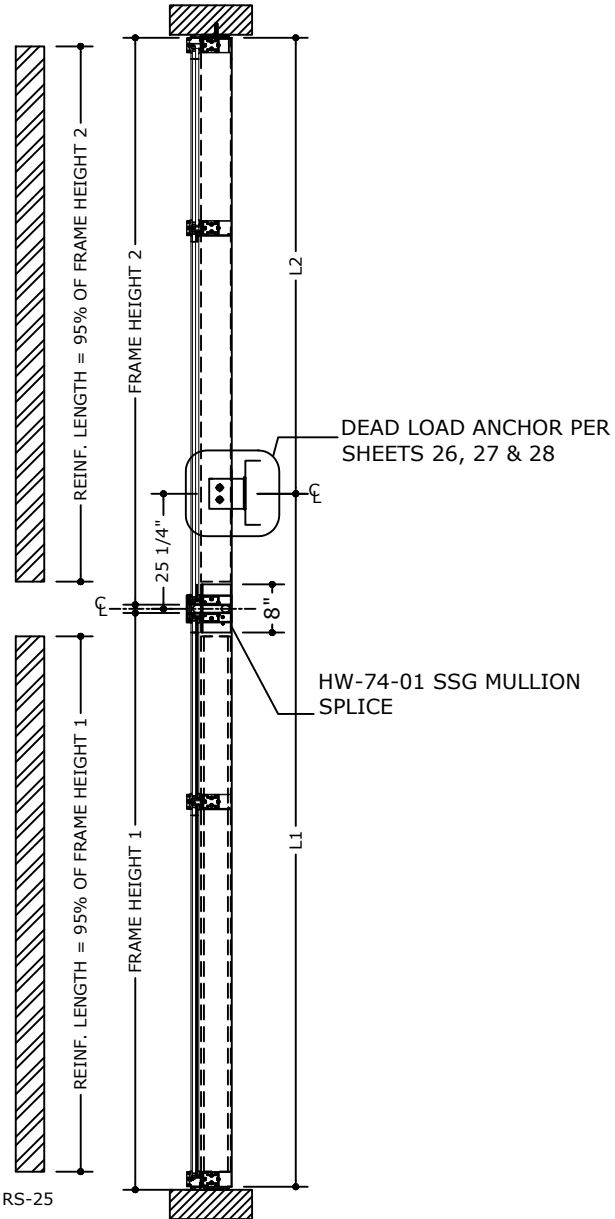
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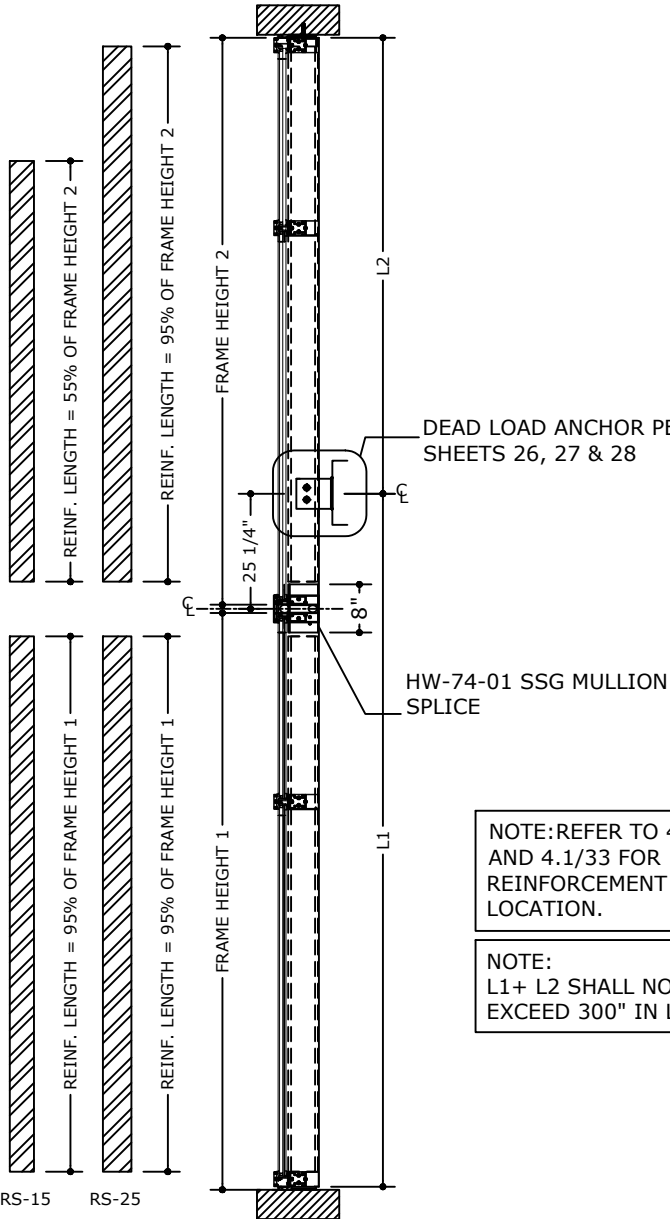
RELIANCE™ STORMMAX® SSG
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.3)



SIDE VIEW FOR: **TM1** **TCM1**



SIDE VIEW FOR: **TJ1**



SIDE VIEW FOR: **TDJ1**

NOTE:REFER TO 4/33
AND 4.1/33 FOR
REINFORCEMENT
LOCATION.

NOTE:
L1+ L2 SHALL NOT
EXCEED 300" IN LENGTH

REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
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	-	-	-

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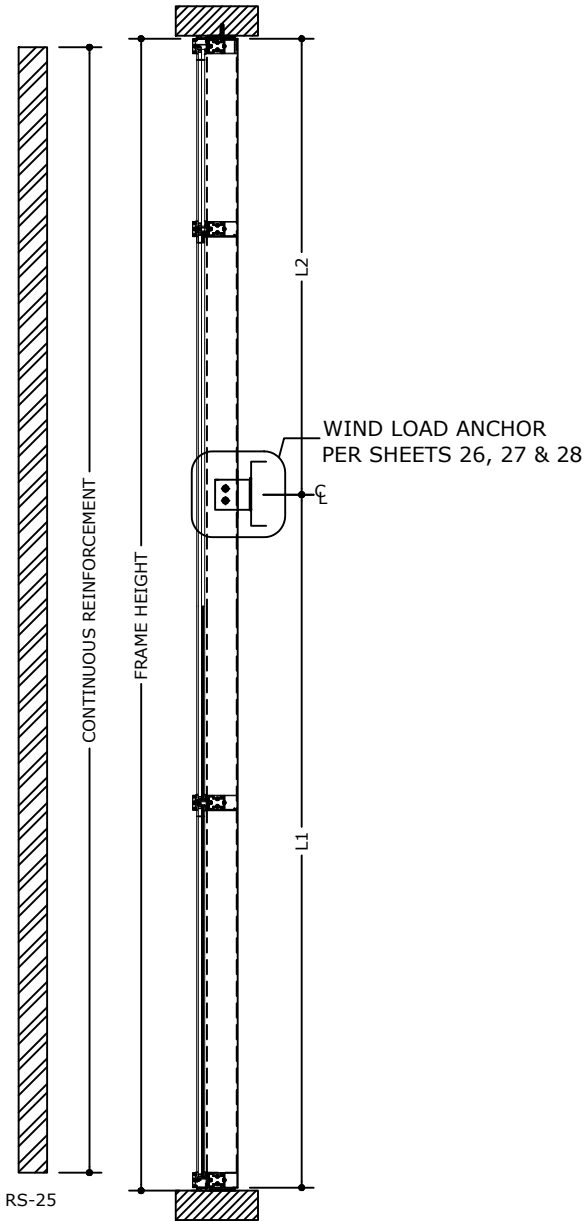
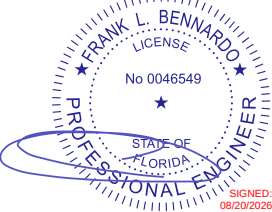
19 OF 44

Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

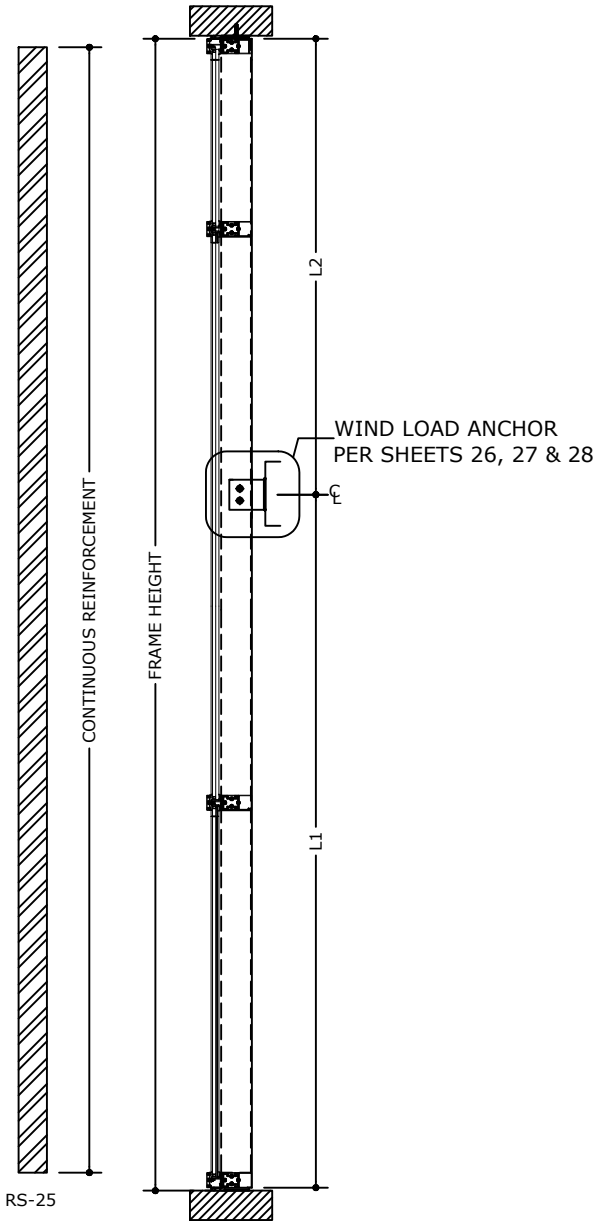
OPTIONS FOR JAMB, CORNER AND STANDARD MULLIONS INSTALLATION FOR TWIN
SPAN CURTAIN WALL SYSTEM WITH CONTINUOUS (NON-SPLICED) MULLIONS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

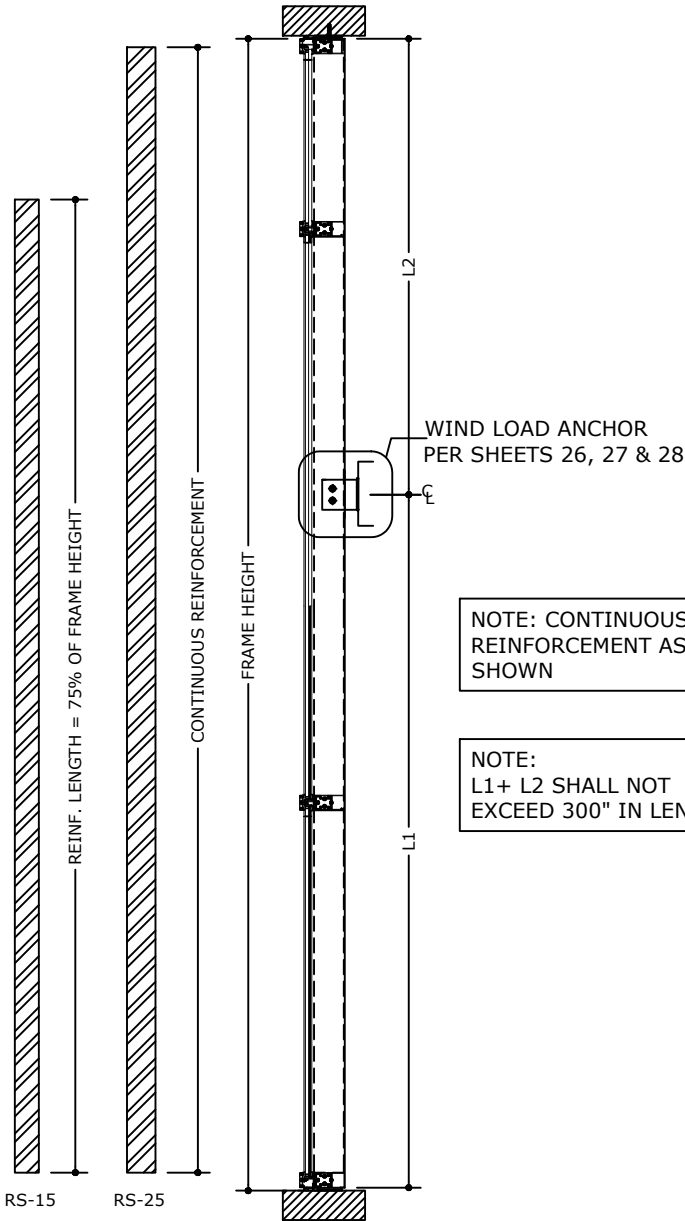
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SIDE VIEW FOR: TCM1



SIDE VIEW FOR: TJ1



SIDE VIEW FOR: TDJ1

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REMARKS	DRWN	CHKD	DATE
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2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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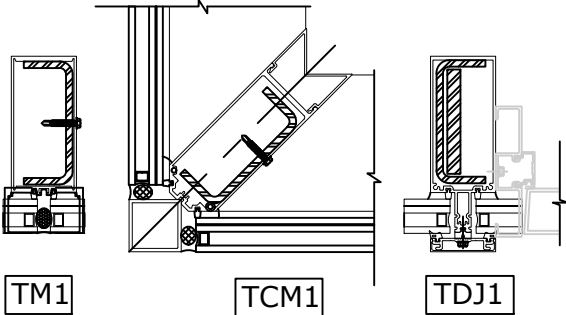
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20 OF 44

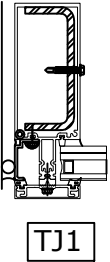
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - TWIN SPAN

TWIN SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE	
		TM1-TCM1		TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
96	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	90	90	70	80
	66	90	90	70	80
	72	90	90	70	80
	74	-	-	70	80
102	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	90	90	70	80
	66	90	90	70	80
	72	-	-	70	80
	74	-	-	70	80
108	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	90	90	70	80
	66	90	90	70	80
	72	-	-	70	80
	74	-	-	70	80
114	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	90	90	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80



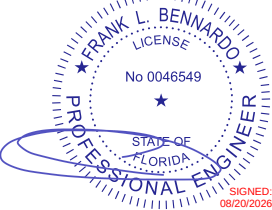
MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - TWIN SPAN

TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
96	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	90	90
	38	90	90
	44	-	-
	50	-	-
	56	-	-
102	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	90	90
	38	-	-
	44	-	-
	50	-	-
	56	-	-
108	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	90	90
	38	-	-
	44	-	-
	50	-	-
	56	-	-
114	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	90	90
	38	-	-
	44	-	-
	50	-	-
	56	-	-



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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

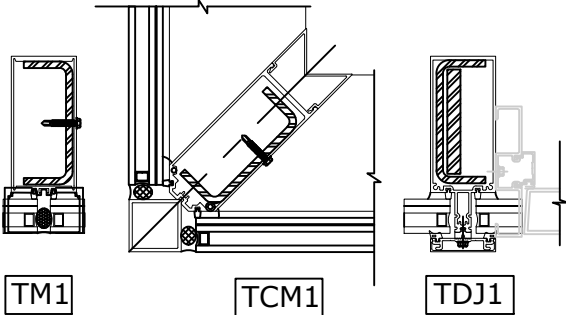
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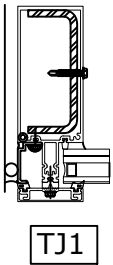
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - TWIN SPAN

TWIN SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE	
		TM1-TCM1		TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
120	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	90	90	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
126	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
132	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	90	90	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
138	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	-	-	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80



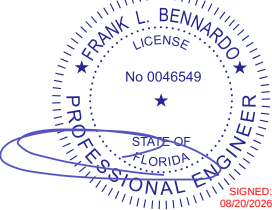
MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - TWIN SPAN

TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
120	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	90	90
	38	-	-
	44	-	-
	50	-	-
	56	-	-
126	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	-	-
	38	-	-
	44	-	-
	50	-	-
	56	-	-
132	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	-	-
	38	-	-
	44	-	-
	50	-	-
	56	-	-
138	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	-	-
	38	-	-
	44	-	-
	50	-	-
	56	-	-



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REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

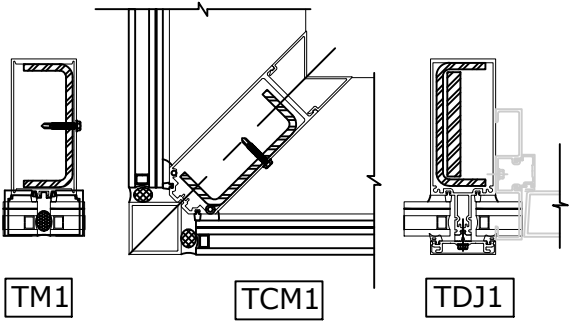
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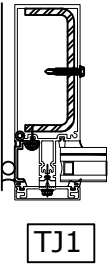
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - TWIN SPAN

TWIN SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE	
		TM1-TCM1		TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
144	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90	90	70	80
	48	90	90	70	80
	54	-	-	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80
150	24	90	90	70	80
	30	90	90	70	80
	36	90	90	70	80
	42	90*	90*	70	80
	48	90*	90*	70	80
	54	-	-	70	80
	60	-	-	70	80
	66	-	-	70	80
	72	-	-	70	80
	74	-	-	70	80



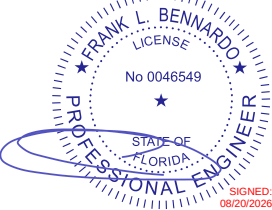
MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - TWIN SPAN

TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
144	8	90	90
	12	90	90
	16	90	90
	20	90	90
	25-1/2	90	90
	31-1/2	-	-
	38	-	-
	44	-	-
	50	-	-
	56	-	-
150	8	90	90
	12	90	90
	16	90	90
	20	90*	90*
	25-1/2	90*	90*
	31-1/2	-	-
	38	-	-
	44	-	-
	50	-	-
	56	-	-



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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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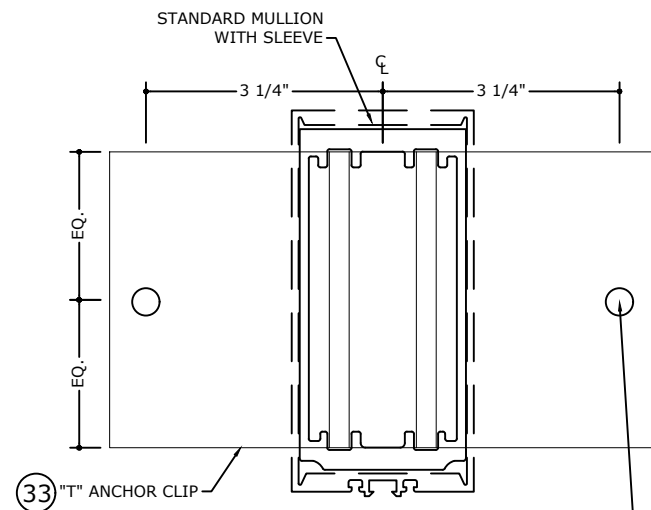
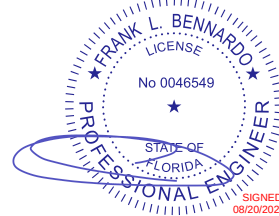
23 OF 44

* MULLION/JAMB SHALL BE IN INSTALLED
WITH A MINIMUM OF 1 HORIZONTAL FOR
LATERAL BRACING PURPOSES.

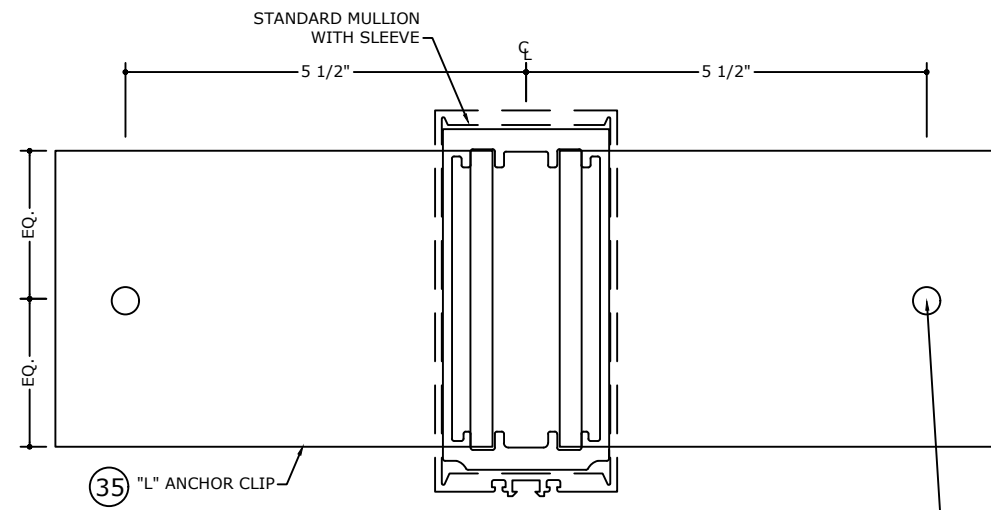
SINGLE & TWIN SPAN HEAD & SILL STANDARD OR CORNER MULLION CONNECTIONS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

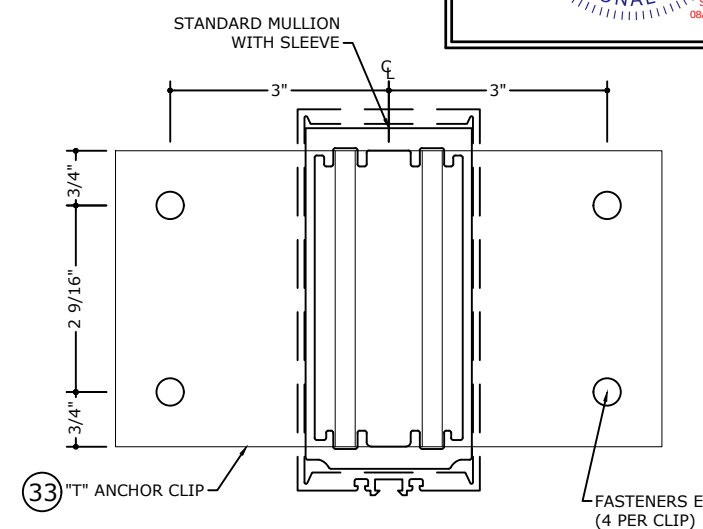
AUGUST 10, 2026



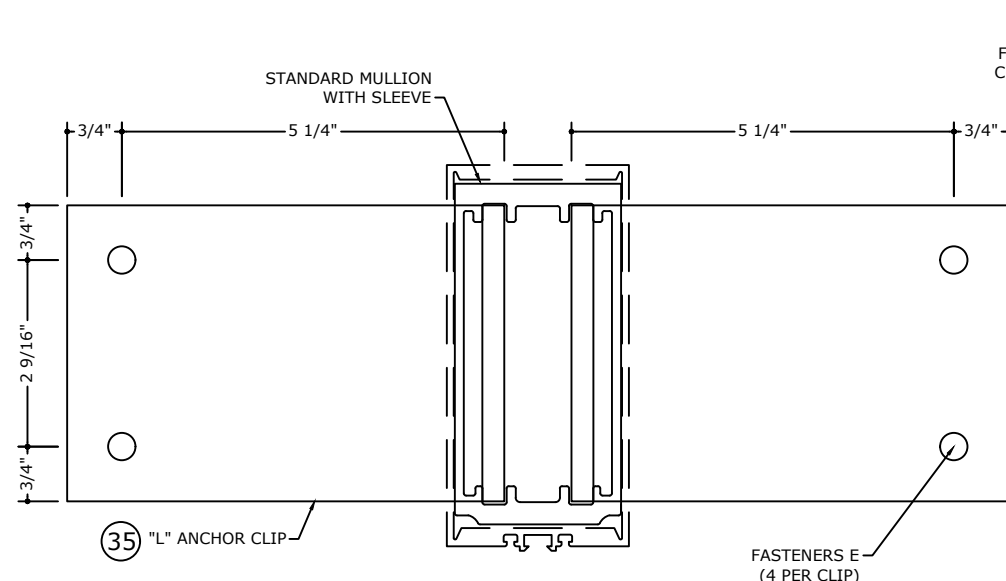
"T" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS A, B, C & D
(CONCRETE AND STEEL)



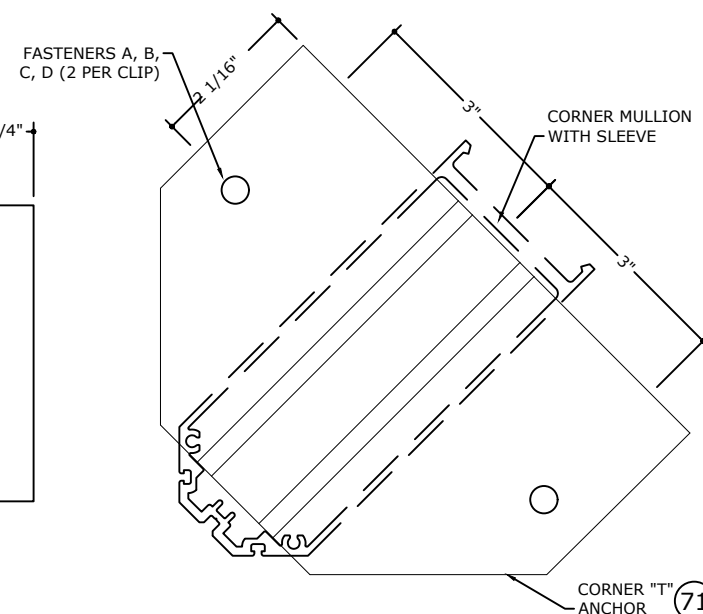
"L" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS A, B, C & D
(CONCRETE AND STEEL)



"T" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENER E
(WOOD)



"L" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS E
(WOOD)



"T" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS A, B, C & D
(CONCRETE AND STEEL)

FASTENER TYPES

- A - $\frac{1}{2}$ " $\emptyset$ HILTI KWIK BOLT TZ ANCHOR WITH $3\frac{1}{4}$ " MIN. EMBEDMENT INTO 8" MIN. THICK POURED CONCRETE (MIN. $f'c=3$ ksi.) BEYOND ANY FINISH MATERIAL WITH 6" MIN. EDGE DISTANCE. 90 P.S.F. MAX.*
- B - $\frac{1}{2}$ " $\emptyset$ HILTI KWIK BOLT TZ ANCHOR WITH $3\frac{1}{4}$ " MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (MIN. $f'c=3$ ksi.) BEYOND ANY FINISH MATERIAL WITH $7\frac{1}{2}$ " MIN. EDGE DISTANCE. 90 P.S.F. MAX.*
- C - $\frac{1}{2}$ " $\emptyset$ HILTI KWIK HUS-EZ SCREW ANCHOR WITH 3" MIN. EMBEDMENT INTO 4" MIN. THICK POURED CONCRETE (MIN. $f'c=3$ ksi.) BEYOND ANY FINISH MATERIAL WITH $3\frac{3}{4}$ " MIN. EDGE DISTANCE. 90 P.S.F. MAX.*
- D - $\frac{1}{2}$ " $\emptyset$ -13 TYPE "F" GRADE 5 BOLT TO $\frac{1}{4}$ " MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE OR $\frac{1}{2}$ " $\emptyset$ -13 SAE GALVANIZED STEEL GRADE 5 HHB THRU BOLT WITH NUT & LOCK WASHER TO $\frac{1}{4}$ " MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE. 90 P.S.F. MAX.*
- E - $\frac{3}{8}$ " $\emptyset$ LAG SCREW WITH 3" MIN. EMBEDMENT INTO $G=0.55$ " MIN. SPECIFIC GRAVITY WOOD SUBSTRATE WITH $1\frac{1}{2}$ " MIN. EDGE DISTANCE. 70 P.S.F. MAX.* REFER TO LOADING CHART ON SHEET 25

*NOTE:

- FOR SPANS LISTED ON MULLION/GLASS TABLES LIMITED TO MULLION/GLASS DESIGN PRESSURE.
- INSTALLATION WITH "L" ANCHOR CLIPS ARE LIMITED TO 12' MULLION HEIGHT AND 4' MULLION TRIBUTARY.

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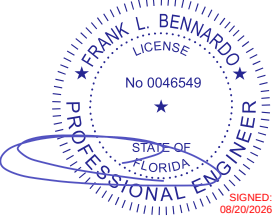
SCALE: NTS UNLESS NOTED

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SINGLE & TWIN SPAN HEAD & SILL JAMB OR DOOR JAMB MULLION CONNECTIONS

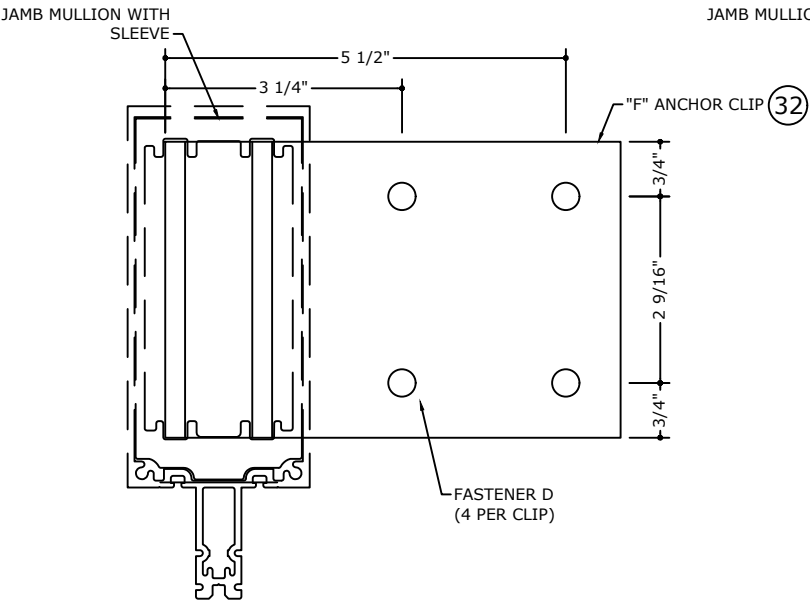
FRANK BENNARDO, PE
PE# 0046549 CA# 9885

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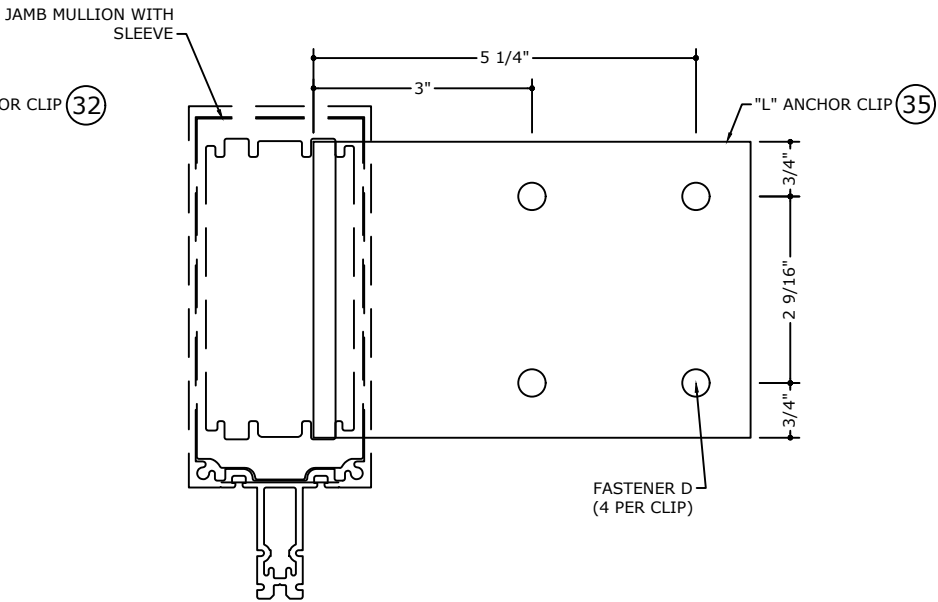


FASTENER TYPES

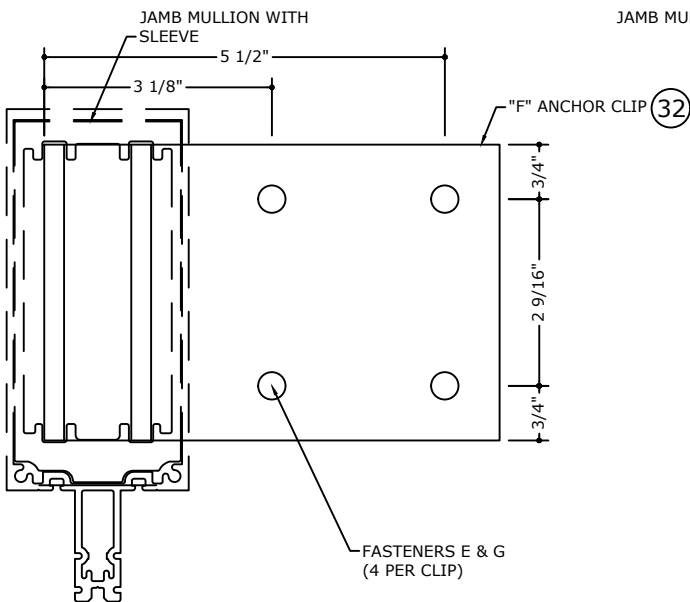
- D - 1/2" Ø -13 TYPE "F" GRADE 5 BOLT TO 1/4" MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE OR 1/2"Ø -13 SAE GALVANIZED STEEL GRADE 5 HHB THRU BOLT WITH NUT & LOCK WASHER TO 1/4" MIN. THICK ASTM A-36 STEEL WITH 1" MIN. EDGE DISTANCE. 90 P.S.F. MAX.*
- E - 3/8" Ø LAG SCREW WITH 3" MIN. EMBEDMENT INTO G=0.55" MIN. SPECIFIC GRAVITY WOOD SUBSTRATE WITH 1 1/2" MIN. EDGE DISTANCE. 70 P.S.F. MAX.* REFER TO LOADING CHART ON SHEET 25
- F - 1/2" Ø DEWALT FASTENER SCREW-BOLT WITH 3 1/2" MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (f'c=3 ksi) BEYOND ANY FINISH MATERIAL AND 6" MIN. EDGE DISTANCE. 80 P.S.F. MAX.*
- G - 3/8" Ø DEWALT FASTENER SCREW-BOLT WITH 3 1/2" MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (f'c=3 ksi) BEYOND ANY FINISH MATERIAL AND 4 1/2" MIN. EDGE DISTANCE. 90 P.S.F. MAX.*



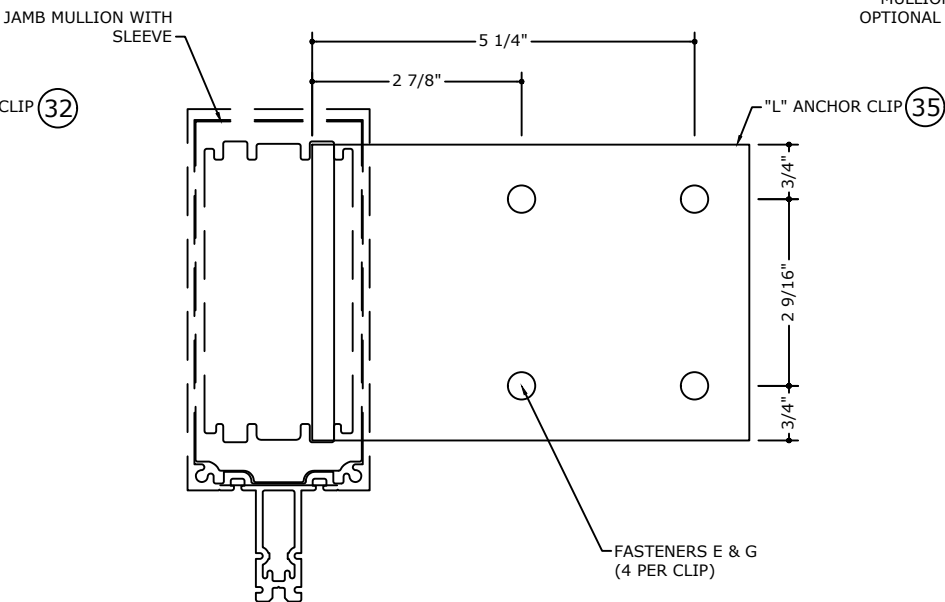
"F" ANCHOR/SLEEVE CONNECTION DETAIL FOR FASTENERS D (STEEL)



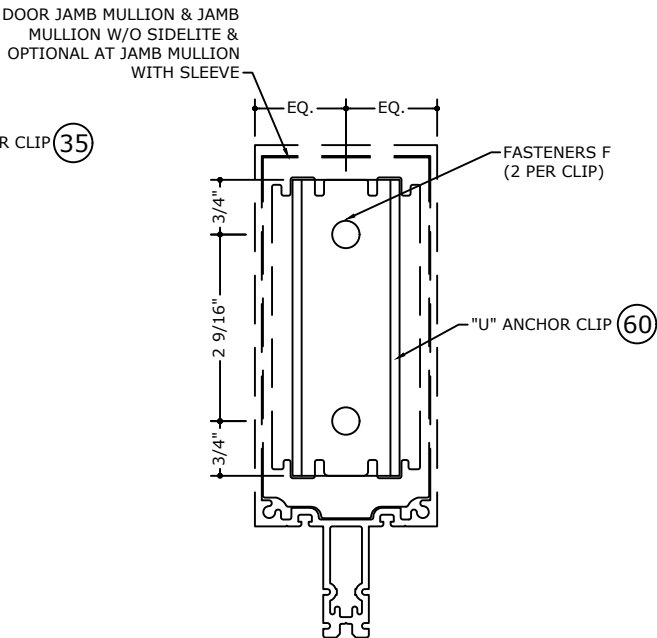
"L" ANCHOR/SLEEVE CONNECTION DETAIL FOR FASTENERS D (STEEL)



"F" ANCHOR/SLEEVE CONNECTION DETAIL FOR FASTENERS E & G (WOOD & CONCRETE)



"L" ANCHOR/SLEEVE CONNECTION DETAIL FOR FASTENERS E & G (WOOD & CONCRETE)



"U" ANCHOR WITH SLEEVE CONNECTION DETAIL FOR FASTENER F (CONCRETE)

FASTENER "E" LOADING CHART		
MAX FRAME HEIGHT/SPAN(in)	MAX TRIBUTARY (in)	DESIGN PRESSURE A.S.D.
120" OR LESS	24"	70 PSF
84" OR LESS	36" OR LESS	70 PSF
78" OR LESS	48" OR LESS	60 PSF
78" OR LESS	60" OR LESS	50 PSF
90" OR LESS	72" OR LESS	40 PSF
120" OR LESS	84" OR LESS	20 PSF

*NOTE:
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2026 FBC UPDATE	08/10/26	AEG	RS

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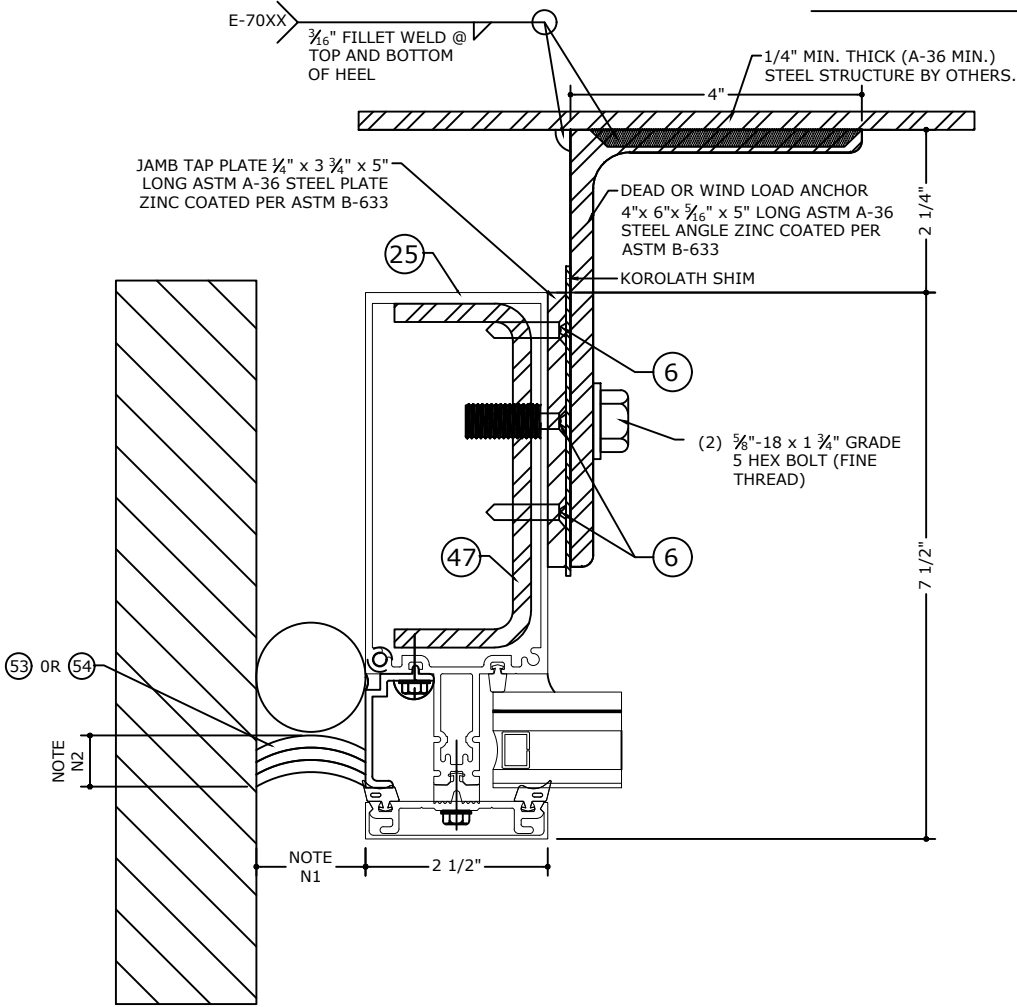
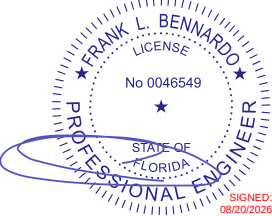
SCALE: NTS UNLESS NOTED

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JAMB MULLION INTERMEDIATE SUPPORT WITH DEAD & WIND
LOAD ANCHOR* AT TWIN SPAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



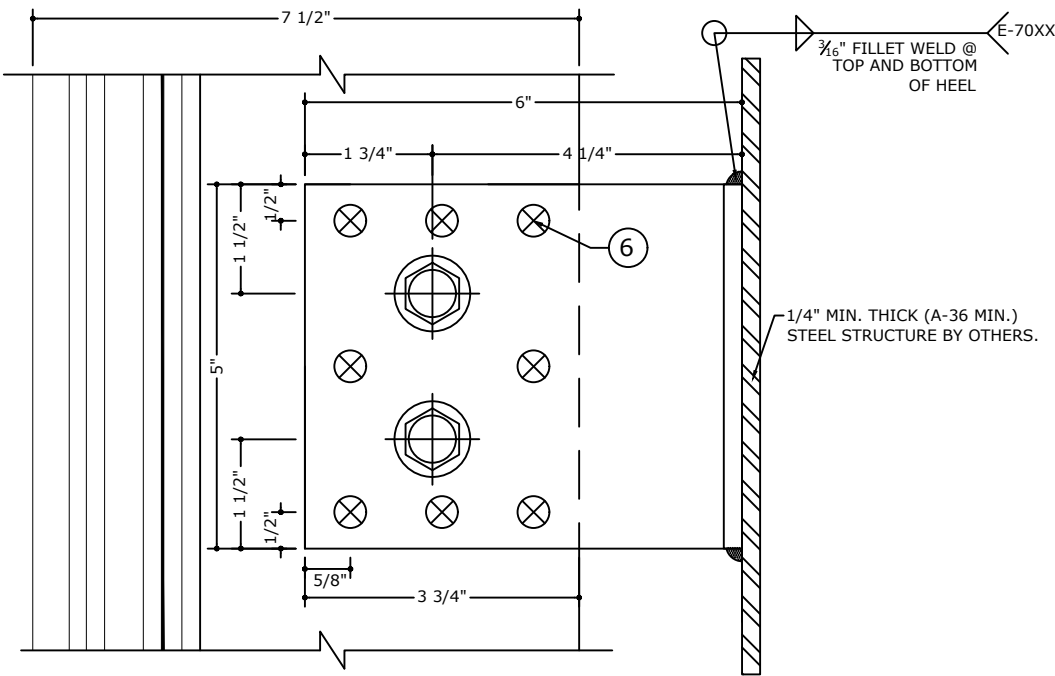
MID ANCHOR AT JAMB DETAIL
SCALE: 6" = 1'-0" (TOP VIEW)

SEALANT JOINT NOTES

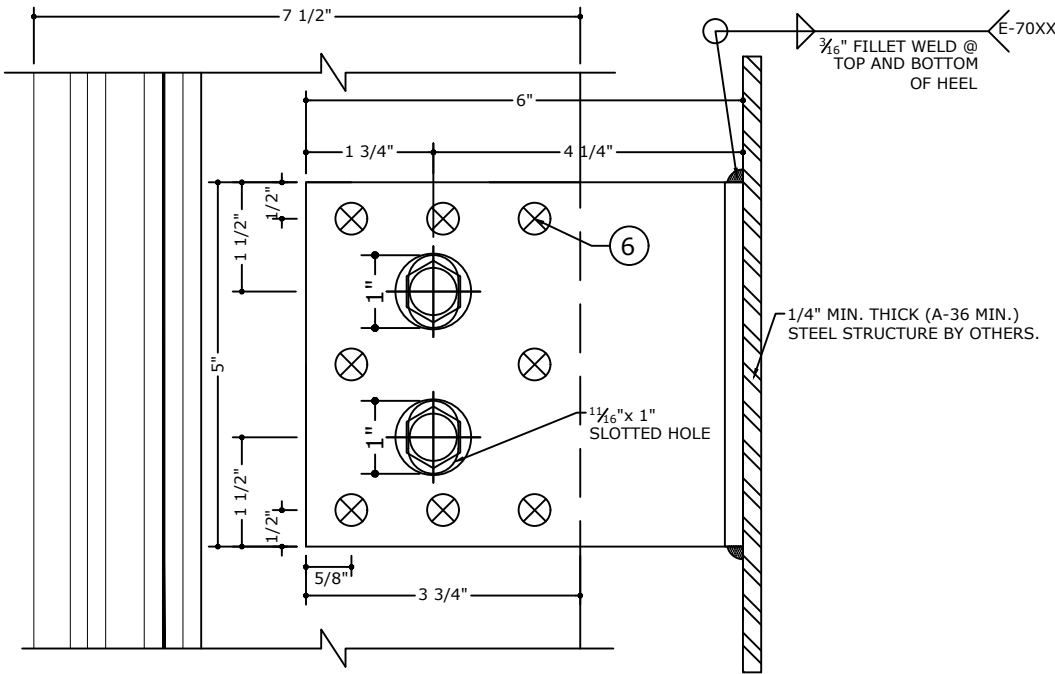
N1: 5/8" MIN. & 1 5/8" MAX. WIDE JOINT WITH SEALANT (53) OR (54).

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT (53) OR (54).

* ONLY ONE DEADLOAD APPLICATION PER MULTIPLE SPAN MULLION/JAMB. ANY OTHER ANCHOR IN THE SAME MULTIPLE SPAN SHALL ALLOW FREE MOVEMENT DUE TO THERMAL EXPANSION. MULTIPLE SPAN MULLION MAY BE CONNECTED BY SPLICE AS SHOWN ON MULLION SPLICE DETAILS.



DEAD LOAD ANCHOR AT JAMB DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)



WIND LOAD ANCHOR AT JAMB DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)

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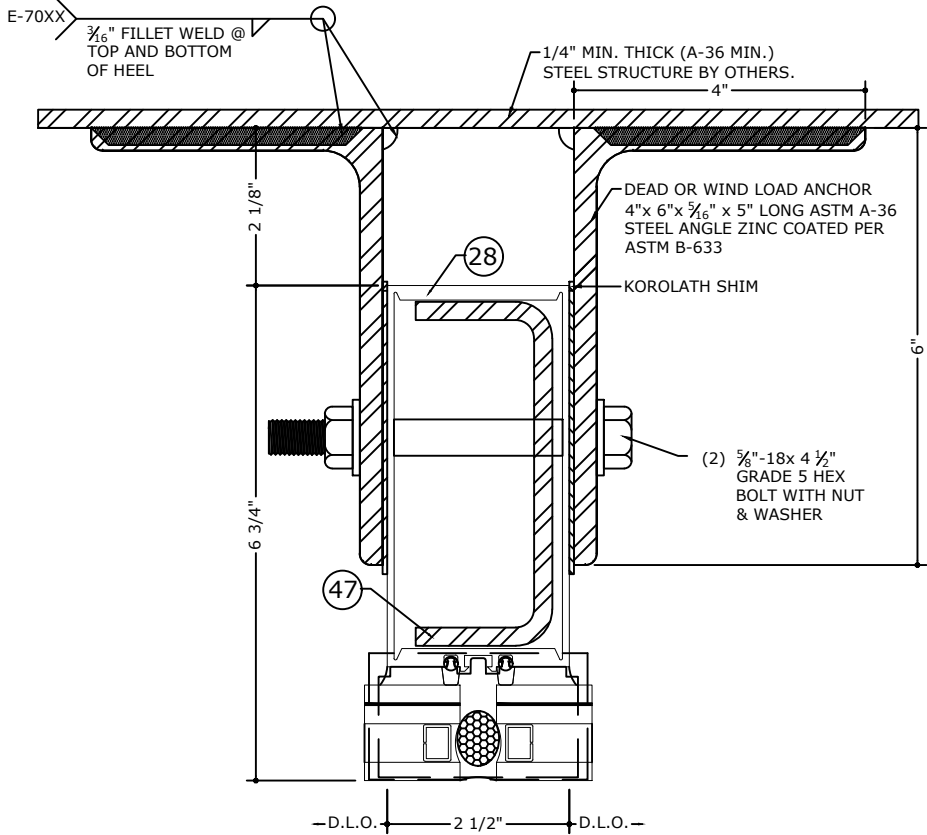
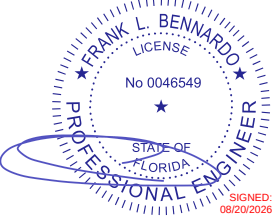
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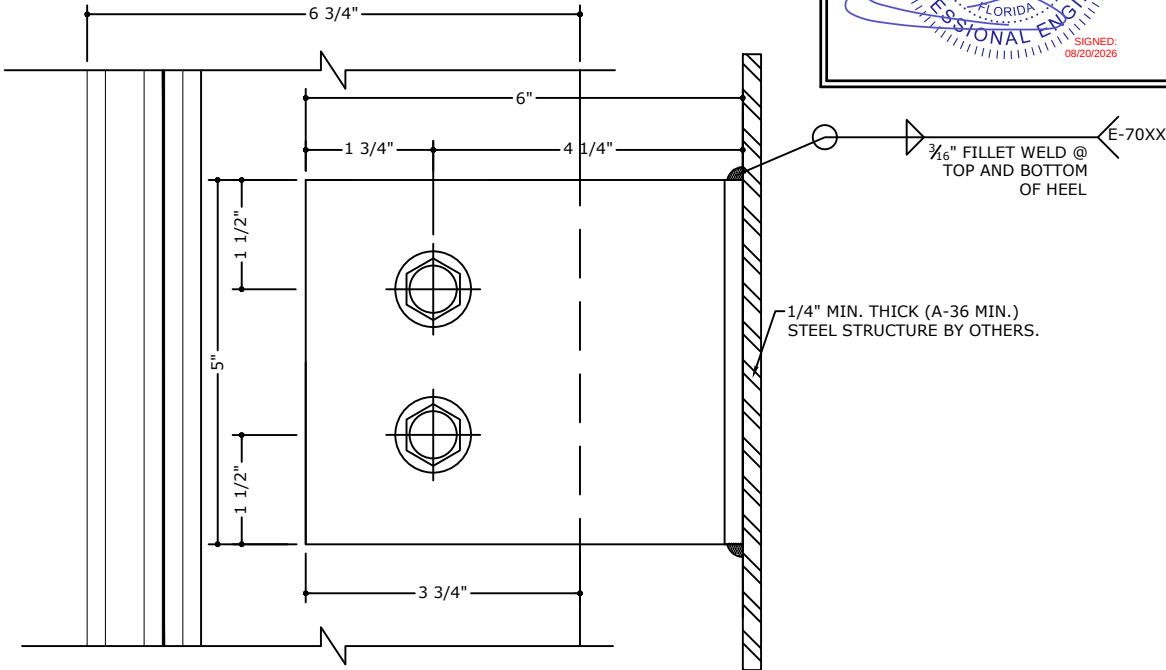
STANDARD MULLION INTERMEDIATE SUPPORT WITH DEAD & WIND LOAD ANCHOR* AT TWIN SPAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

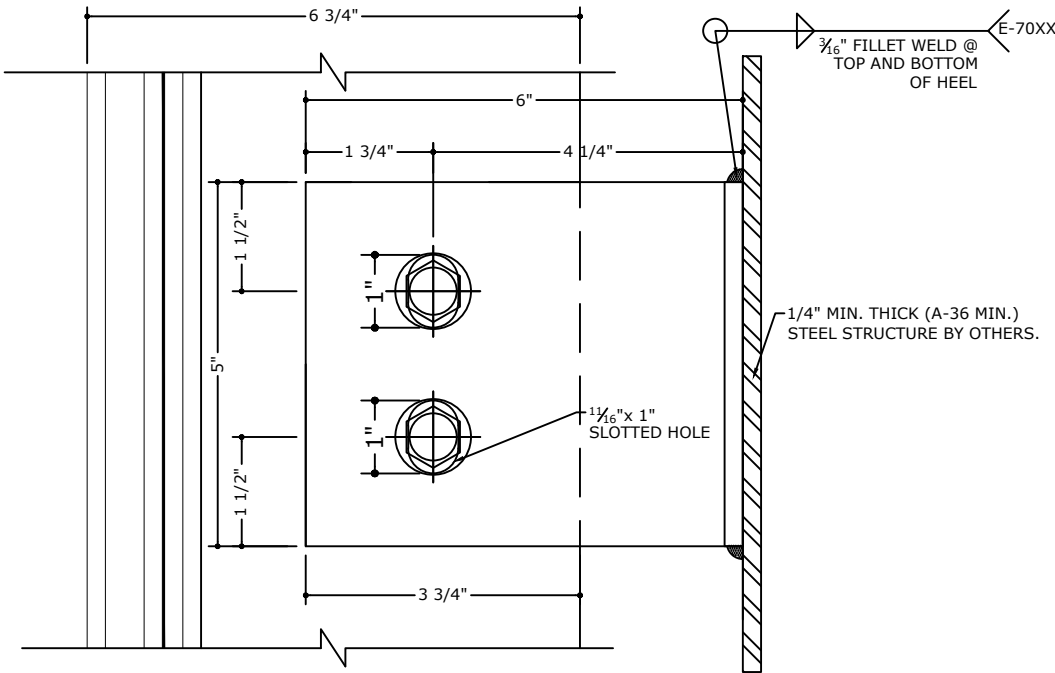
AUGUST 10, 2026



MID ANCHOR AT STANDARD MULLION DETAIL
SCALE: 6" = 1'-0" (TOP VIEW)



DEAD LOAD ANCHOR DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)



WIND LOAD ANCHOR DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)

* ONLY ONE DEADLOAD APPLICATION PER MULTIPLE SPAN MULLION/JAMB. ANY OTHER ANCHOR IN THE SAME MULTIPLE SPAN SHALL ALLOW FREE MOVEMENT DUE TO THERMAL EXPANSION. MULTIPLE SPAN MULLION MAY BE CONNECTED BY SPLICE AS SHOWN ON MULLION SPLICE DETAILS.

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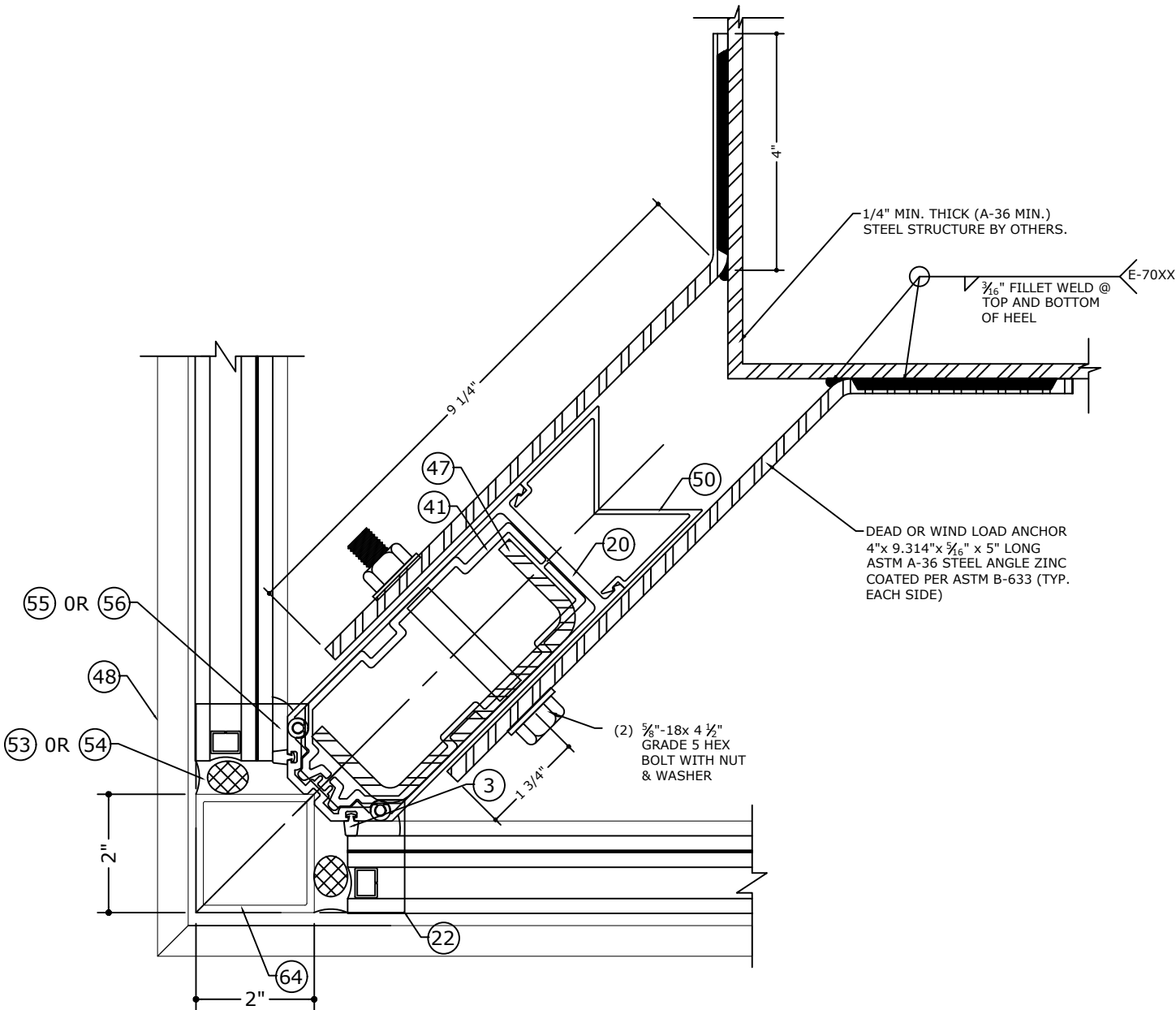
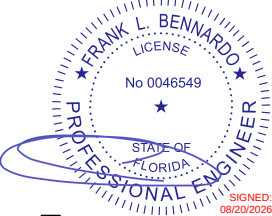
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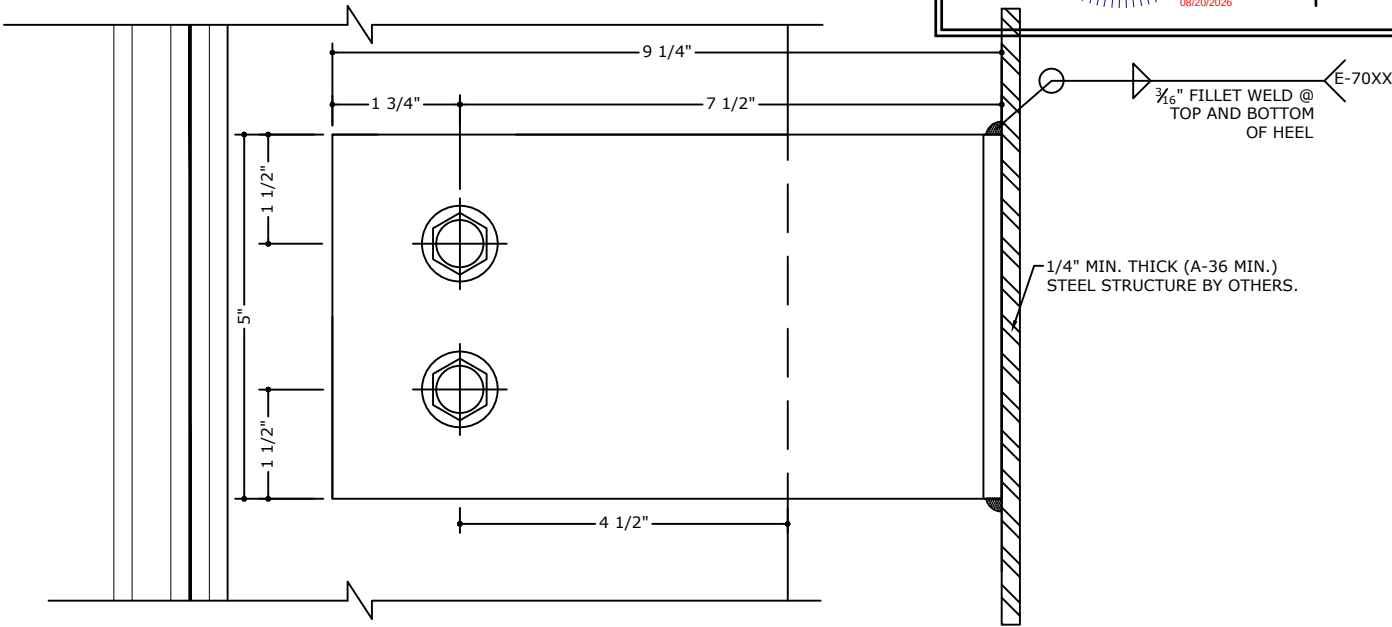
CORNER MULLION INTERMEDIATE SUPPORT WITH DEAD & WIND LOAD ANCHOR* AT TWIN SPAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

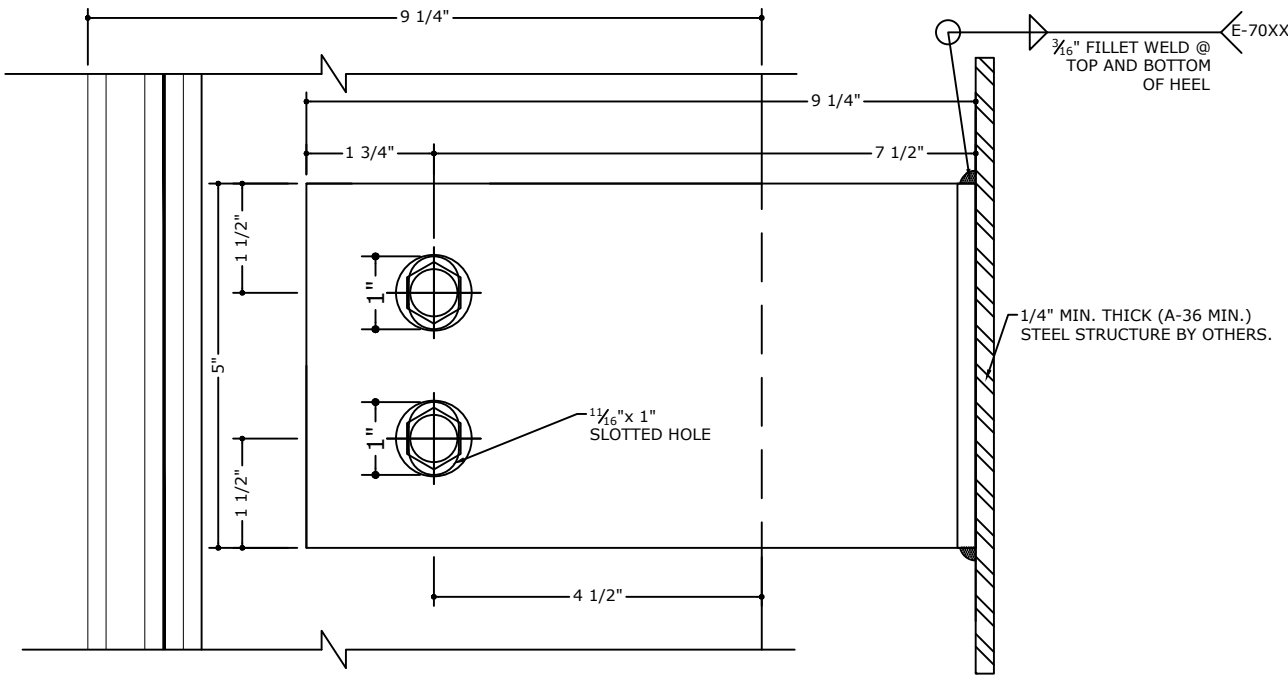
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MID ANCHOR AT CORNER DETAIL
SCALE: 6" = 1'-0" (TOP VIEW)



DEAD LOAD ANCHOR AT CORNER DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)



WIND LOAD ANCHOR AT CORNER DETAIL
SCALE: 6" = 1'-0" (SIDE VIEW)

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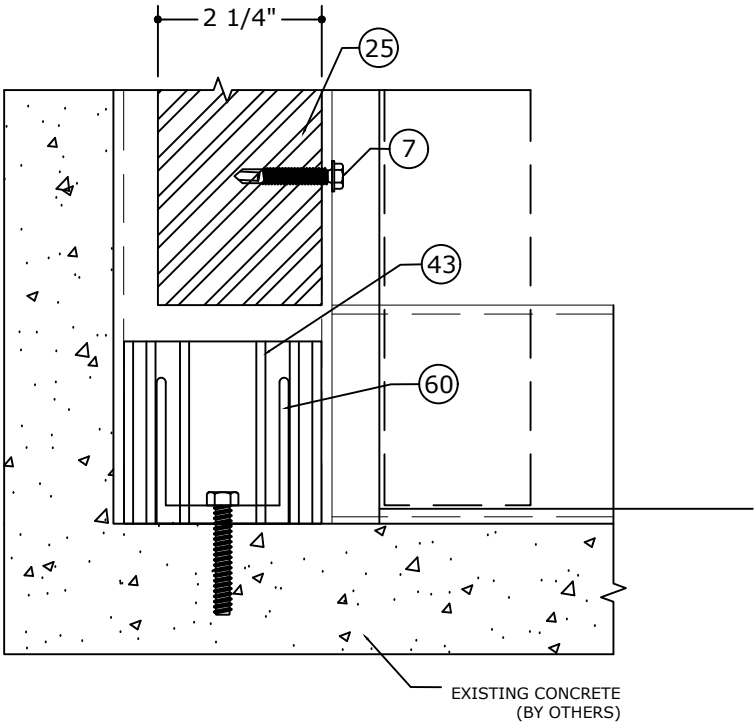
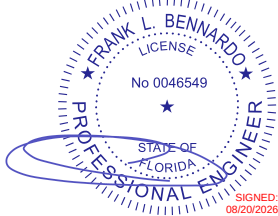
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SILL CONNECTION FOR JAMB MULLION W/ NO SIDELITE & FOR DOOR JAMB MULLION FOR DOORS
INSTALLED AT EXISTING STRUCTURE OR ADJACENT TO CURTAIN WALL

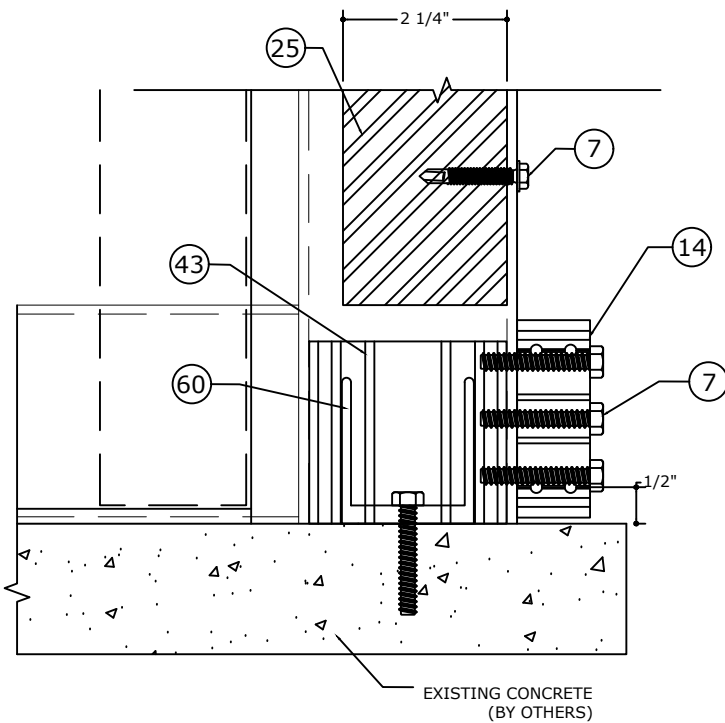
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PE# 0046549 CA# 9885

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ANCHORING DETAIL AT DOOR JAMB
MULLION WITH NO SIDELITE CONDITION

SCALE: 6" = 1'-0"



ANCHORING DETAIL AT DOOR JAMB
MULLION WITH SIDELITE CONDITION

SCALE: 6" = 1'-0"

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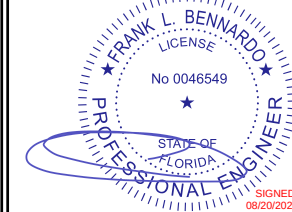
REMARKS	DRWN	CHKD	DATE
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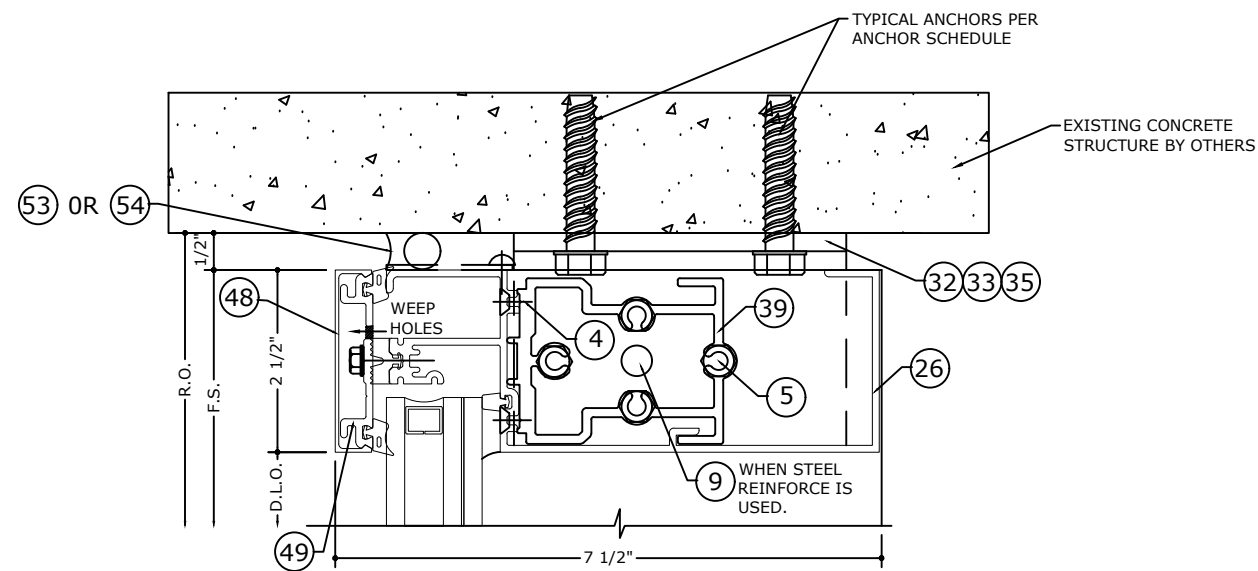
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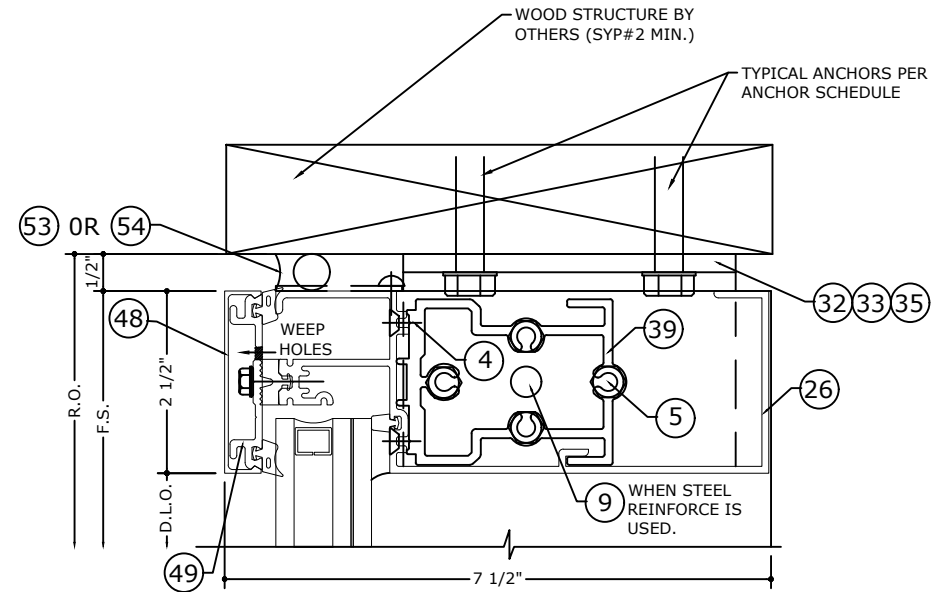


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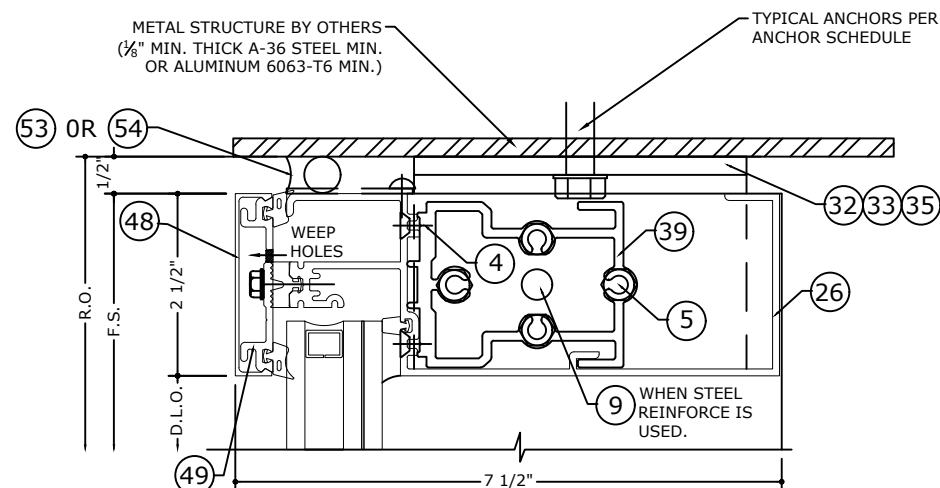


1 HEAD DETAIL

SCALE: 6" = 1'-0"



1.1 HEAD DETAIL



1.2 HEAD DETAIL

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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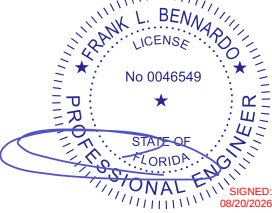
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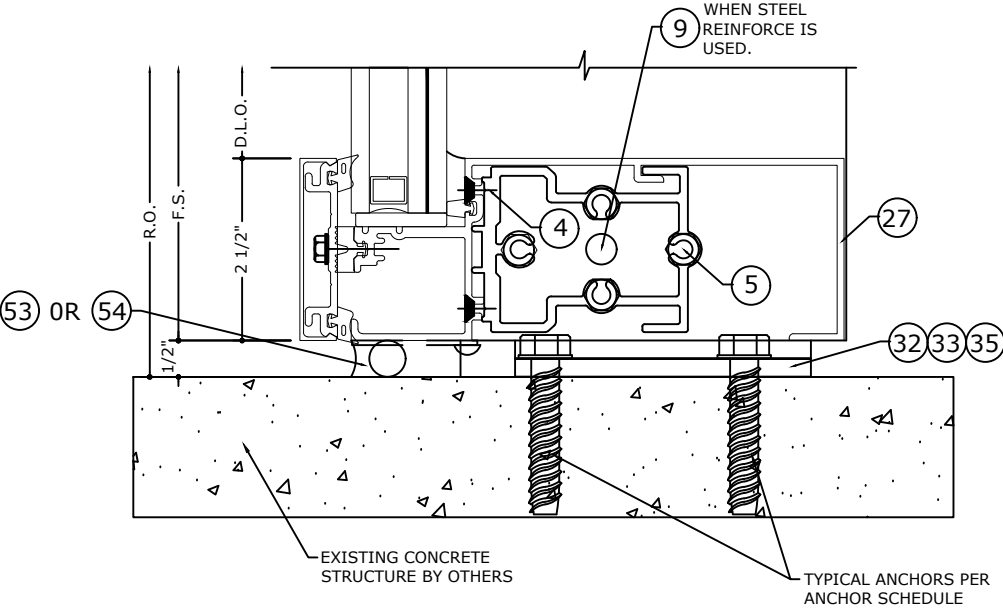
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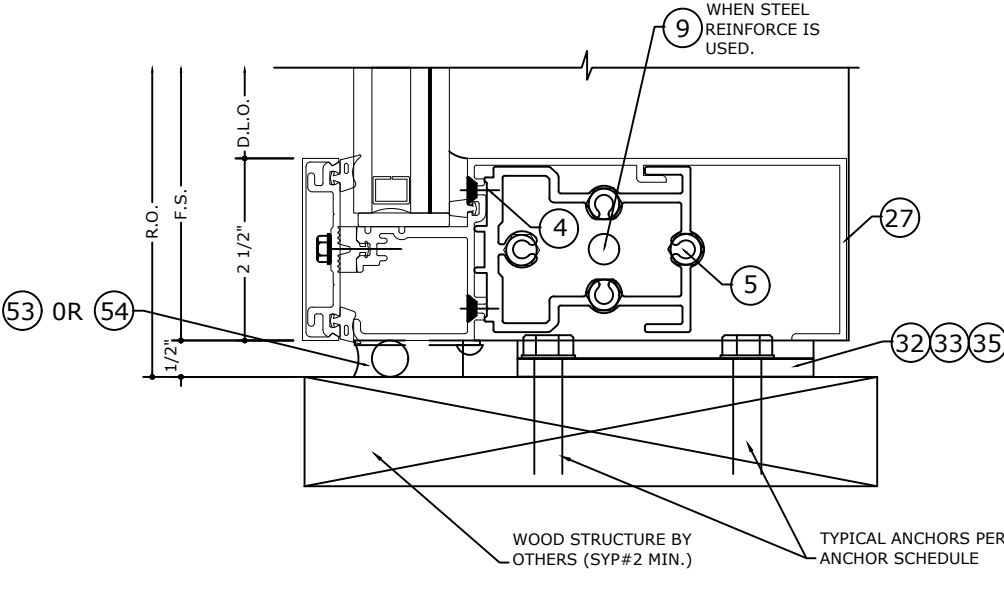
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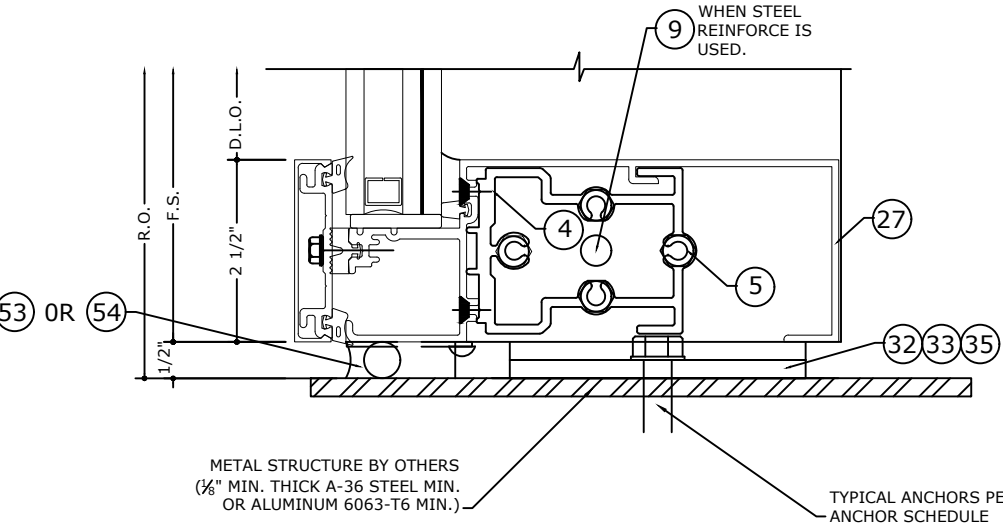
SILL CONNECTION DETAILS



2 SILL DETAIL
SCALE: 6" = 1'-0"



2.1 SILL DETAIL
SCALE: 6" = 1'-0"



2.2 SILL DETAIL
SCALE: 6" = 1'-0"

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
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	-	-	-
	-	-	-

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HORIZONTAL CONNECTION DETAILS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

FRANK L. BENNARDO

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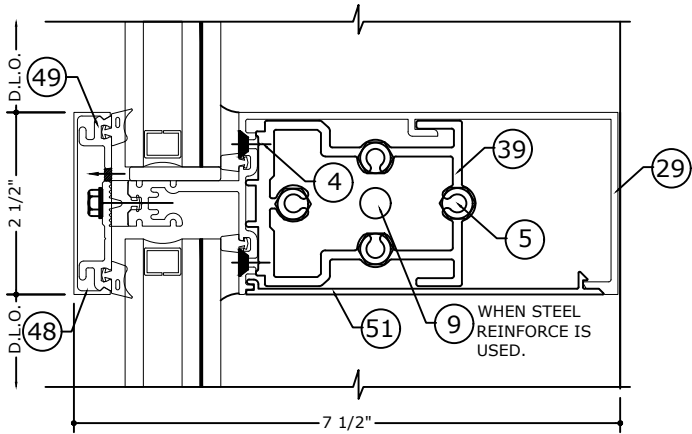
No 0046549

STATE OF FLORIDA

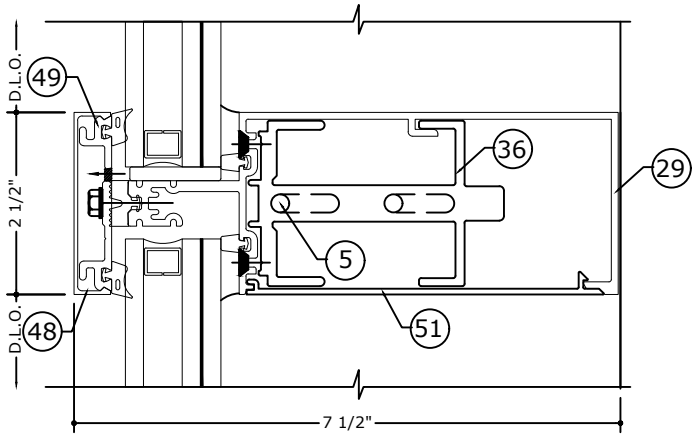
PROFESSIONAL ENGINEER

SIGNED: 08/29/2026

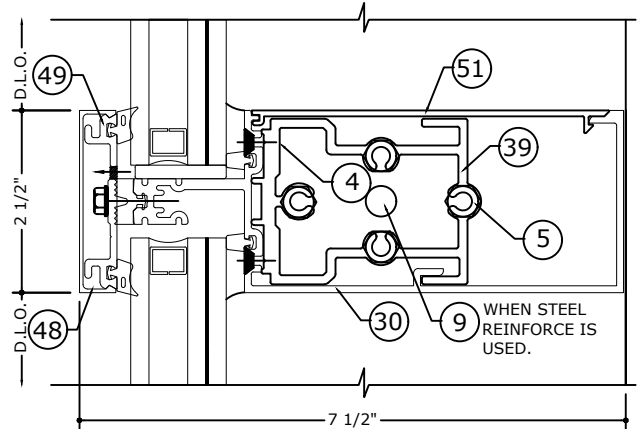
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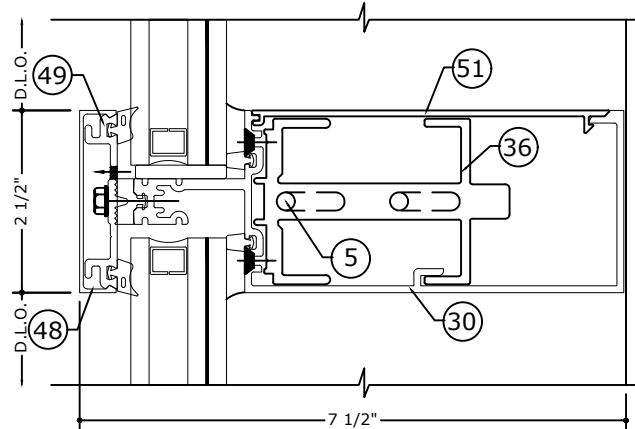
3 INTERMEDIATE HORIZONTAL DETAIL (ROLL OVER)
SCALE: 6" = 1'-0"



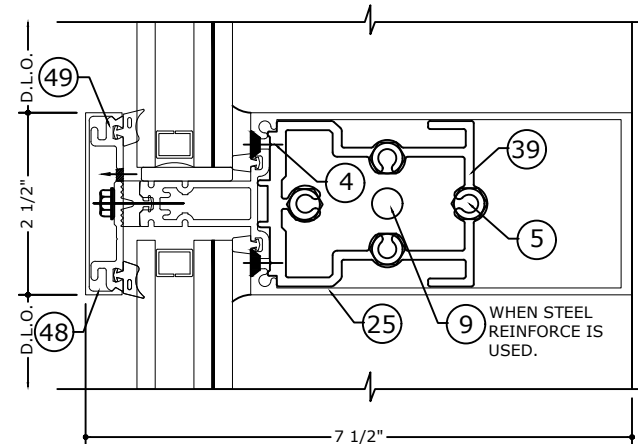
3.3 INTERMEDIATE HORIZONTAL AT CORNER MULLION DETAIL (ROLL OVER)
SCALE: 6" = 1'-0"



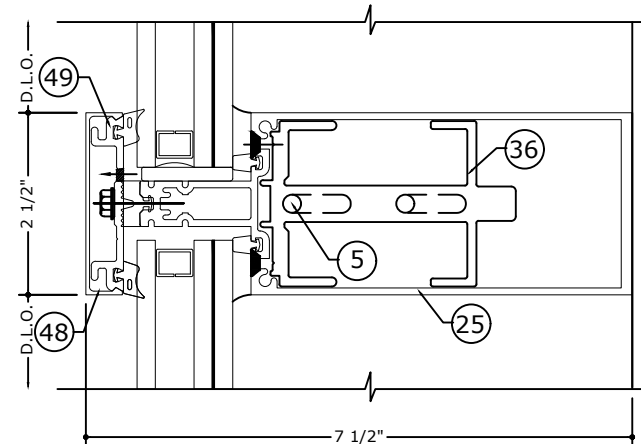
3.1 INTERMEDIATE HORIZONTAL DETAIL (ROLL UNDER)
SCALE: 6" = 1'-0"



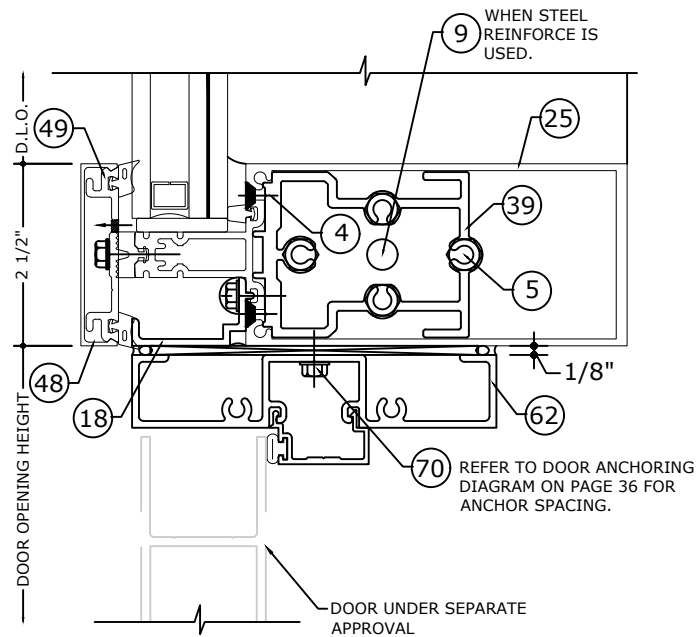
3.4 INTERMEDIATE HORIZONTAL AT CORNER MULLION DETAIL (ROLL UNDER)
SCALE: 6" = 1'-0"



3.2 INTERMEDIATE HORIZONTAL DETAIL
SCALE: 6" = 1'-0"



3.5 INTERMEDIATE HORIZONTAL AT CORNER MULLION DETAIL
SCALE: 6" = 1'-0"



3.6 DOOR HEADER DETAIL
SCALE: 6" = 1'-0"

NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02 FOR LENGTH LIMITATIONS ON HORIZONTAL MULLIONS.

NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.3)

REMARKS	DRWN	CHKD	DATE
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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26

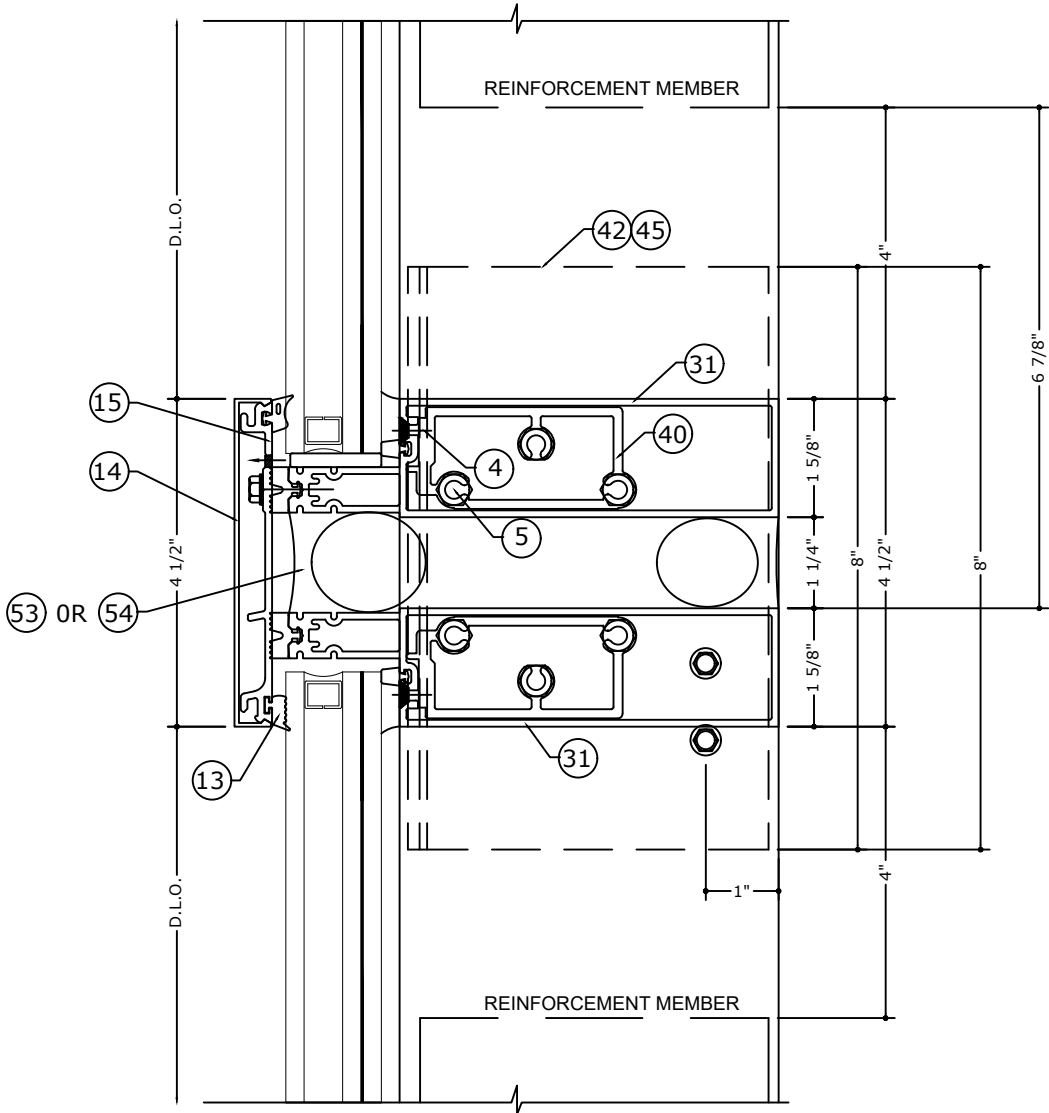
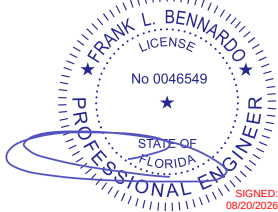
26-101739

SCALE: NTS UNLESS NOTED

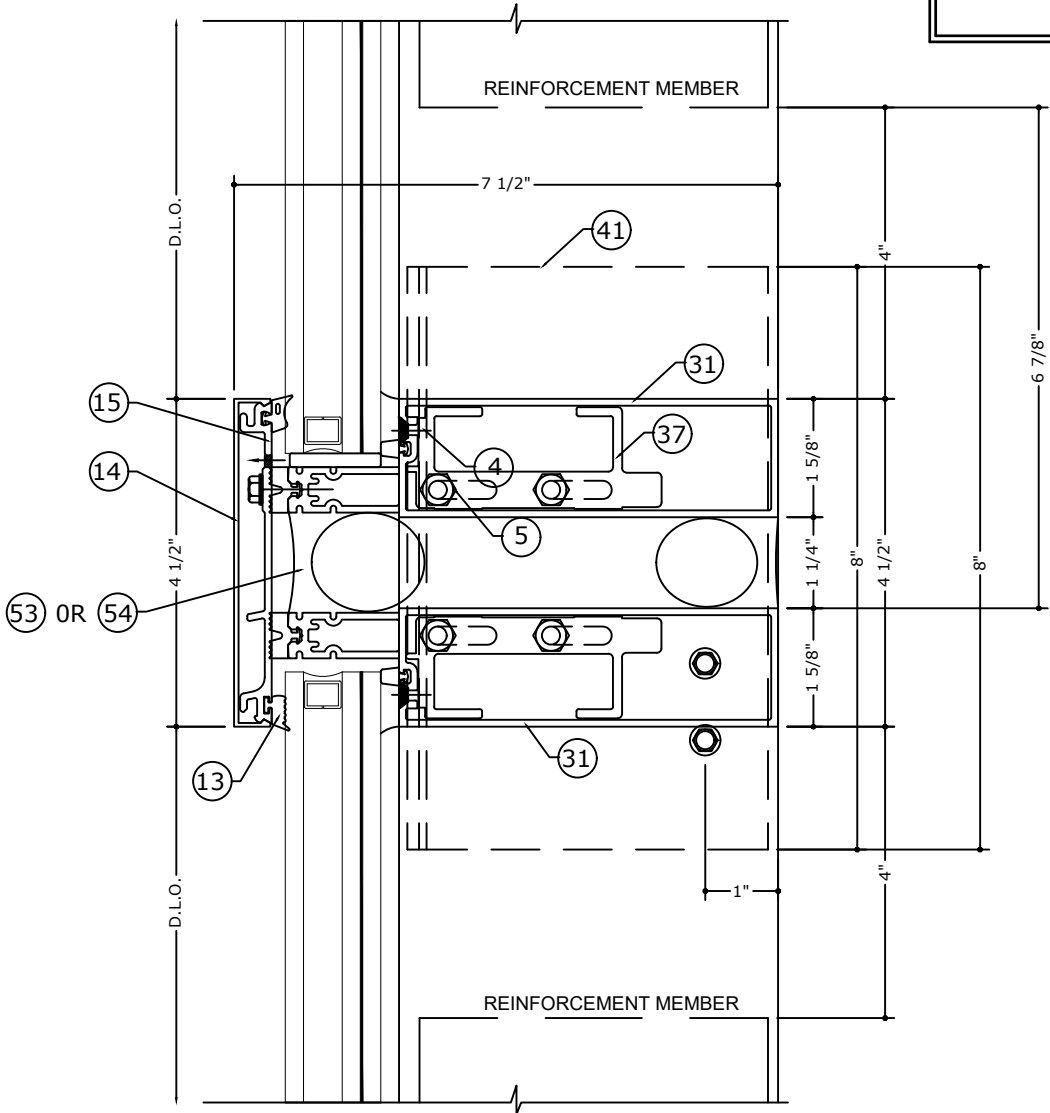
EXPANSION HORIZONTAL CONNECTION DETAILS

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PE# 0046549 CA# 9885

AUGUST 10, 2026



4 EXPANSION HORIZONTAL CONNECTION
DETAIL AT STANDARD OR JAMB MULLION
SCALE: 6" = 1'-0"



4.1 EXPANSION HORIZONTAL CONNECTION
DETAIL AT CORNER MULLION
SCALE: 6" = 1'-0"

NOTE: REFER TO SYSTEM ELEVATION ON PAGE
02 FOR LENGTH LIMITATIONS ON
HORIZONTAL MULLIONS.

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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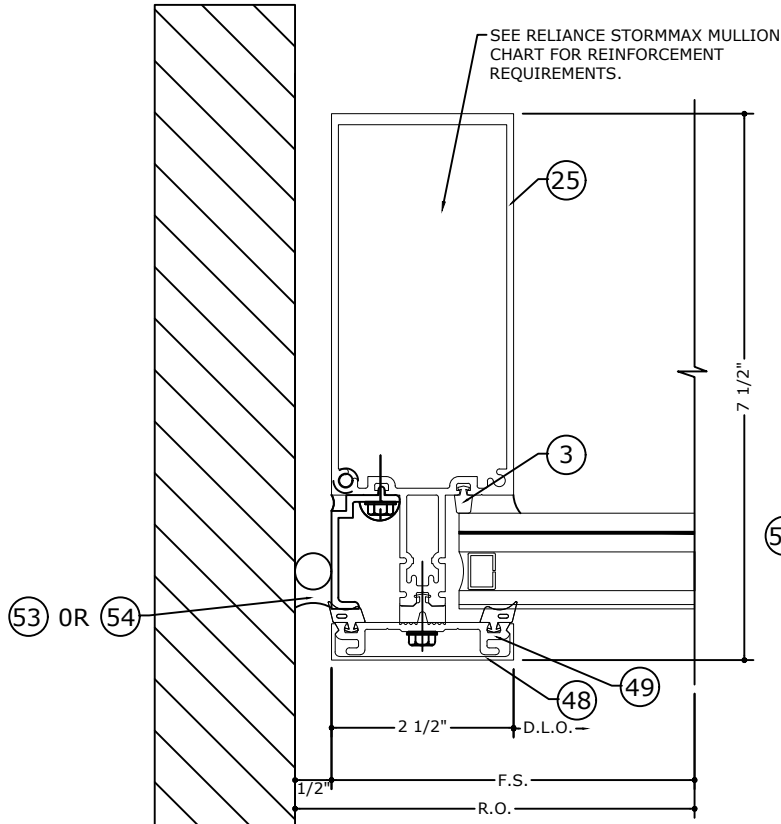
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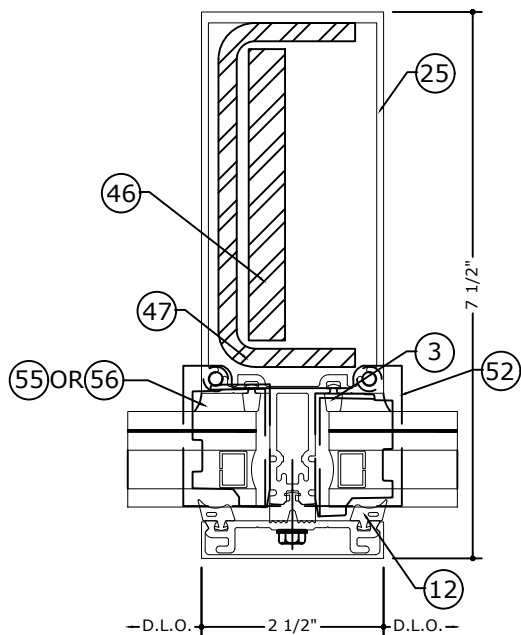
SCALE: NTS UNLESS NOTED

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VERTICAL JAMB / MULLION DETAILS

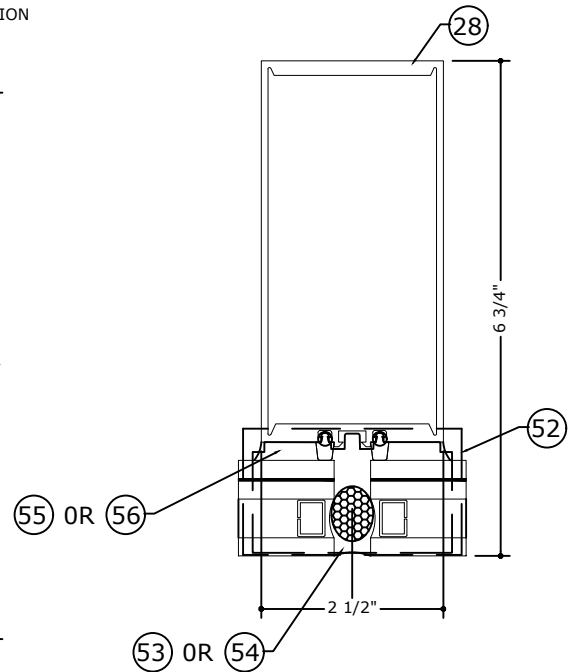


5 JAMB DETAIL
SCALE: 6" = 1'-0"
REFER TO J1, J2, J3 ON PAGE 10 & TJ1 ON PAGE 18 FOR STEEL REINFORCEMENT.

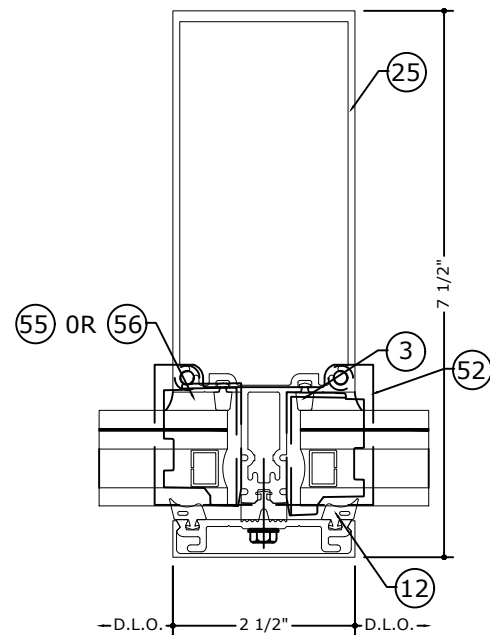


6.4 STANDARD MULLION VERTICAL DETAIL
SCALE: 6" = 1'-0"

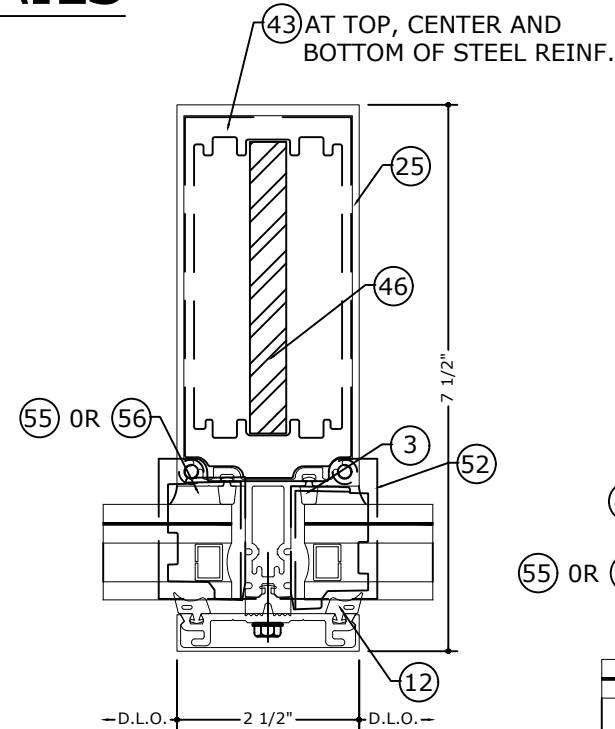
NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.



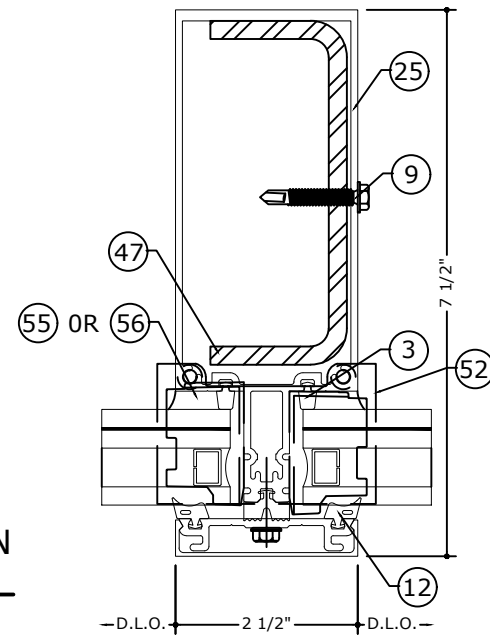
6 HEAVY MULLION VERTICAL DETAIL
SCALE: 6" = 1'-0"
REFER TO M1 & M2 ON PAGE 9 & TM1 ON PAGE 17 FOR STEEL REINFORCEMENT.



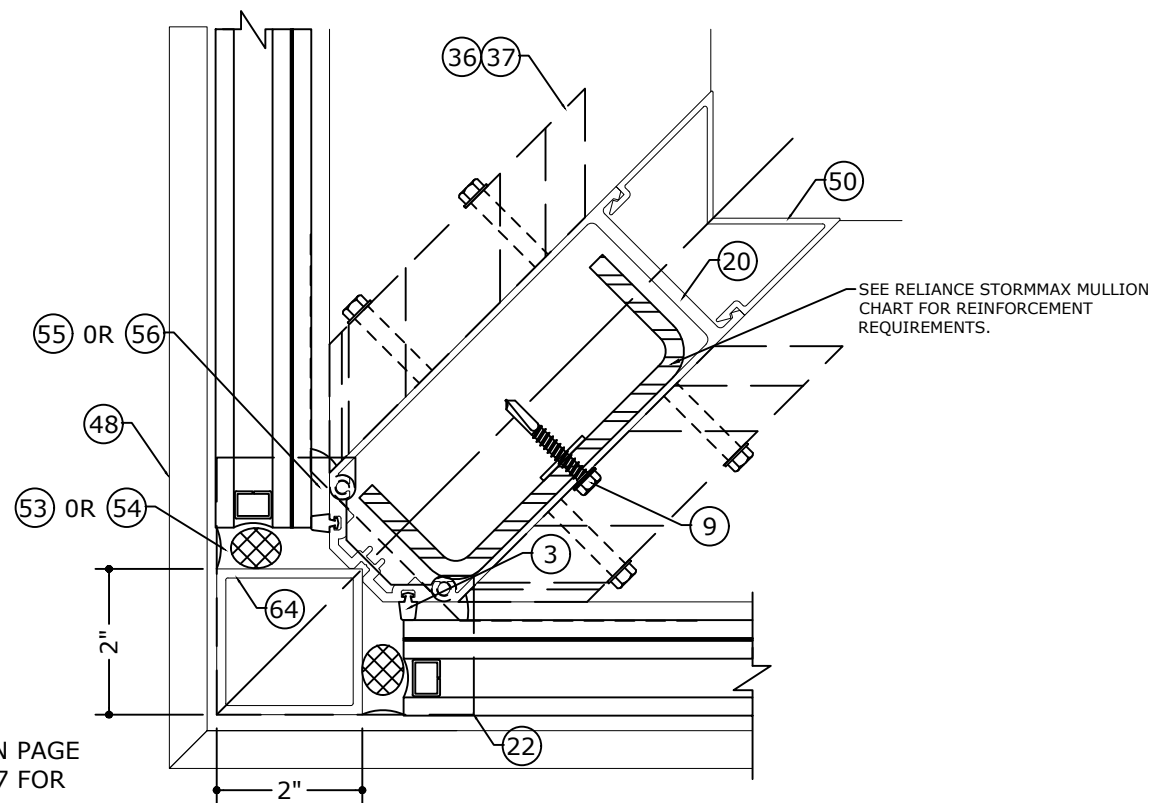
6.1 STANDARD MULLION VERTICAL DETAIL
SCALE: 6" = 1'-0"
REFER TO DJM1 & DJ1 ON PAGE 09 FOR STEEL REINFORCEMENT.



6.2 STANDARD MULLION VERTICAL DETAIL
SCALE: 6" = 1'-0"
REFER TO DJM1 & DJ1 ON PAGE 09 FOR STEEL REINFORCEMENT.



6.3 STANDARD MULLION VERTICAL DETAIL
SCALE: 6" = 1'-0"
REFER TO DJM1 & DJ1 ON PAGE 09 FOR STEEL REINFORCEMENT.



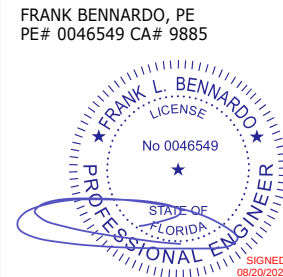
8 CORNER DETAIL
SCALE: 6" = 1'-0"

REFER TO CM1 ON PAGE 09 AND TCM1 ON PAGE 17 FOR STEEL REINFORCEMENT.

SEALANT JOINT NOTES

N1: 5/8" MIN. & 1 5/8" MAX. WIDE JOINT WITH SEALANT 53 OR 54.

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT WITH 1/4" DEPTH AT MIDWIDTH OF JOINT WITH SEALANT 53 OR 54.



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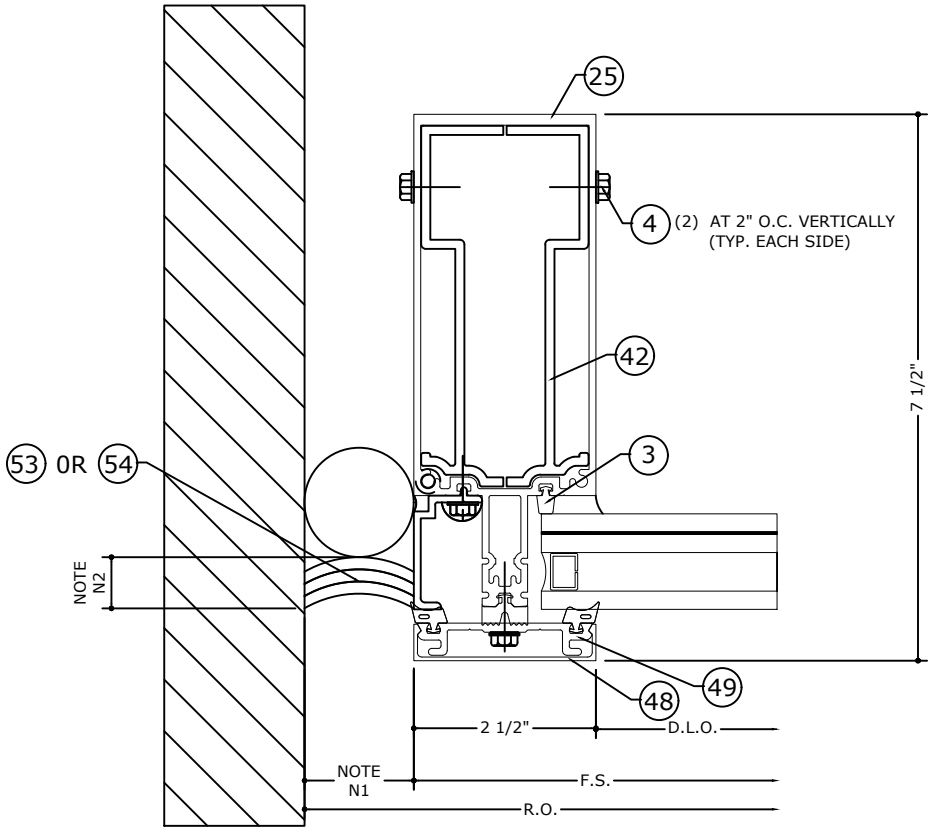
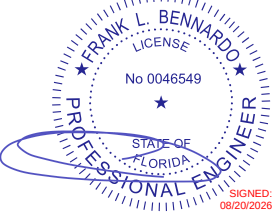
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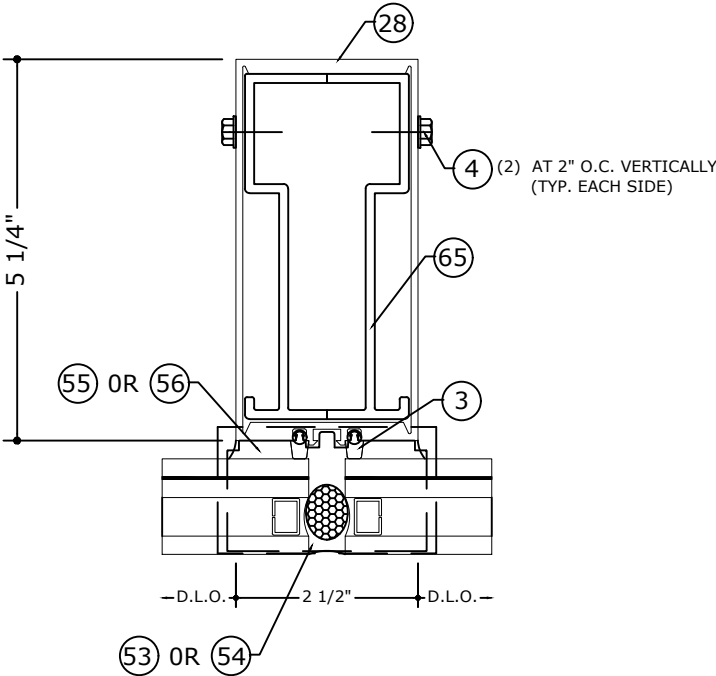
JAMB AND STANDARD MULLION SPLICE DETAILS
AT TWIN SPAN

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

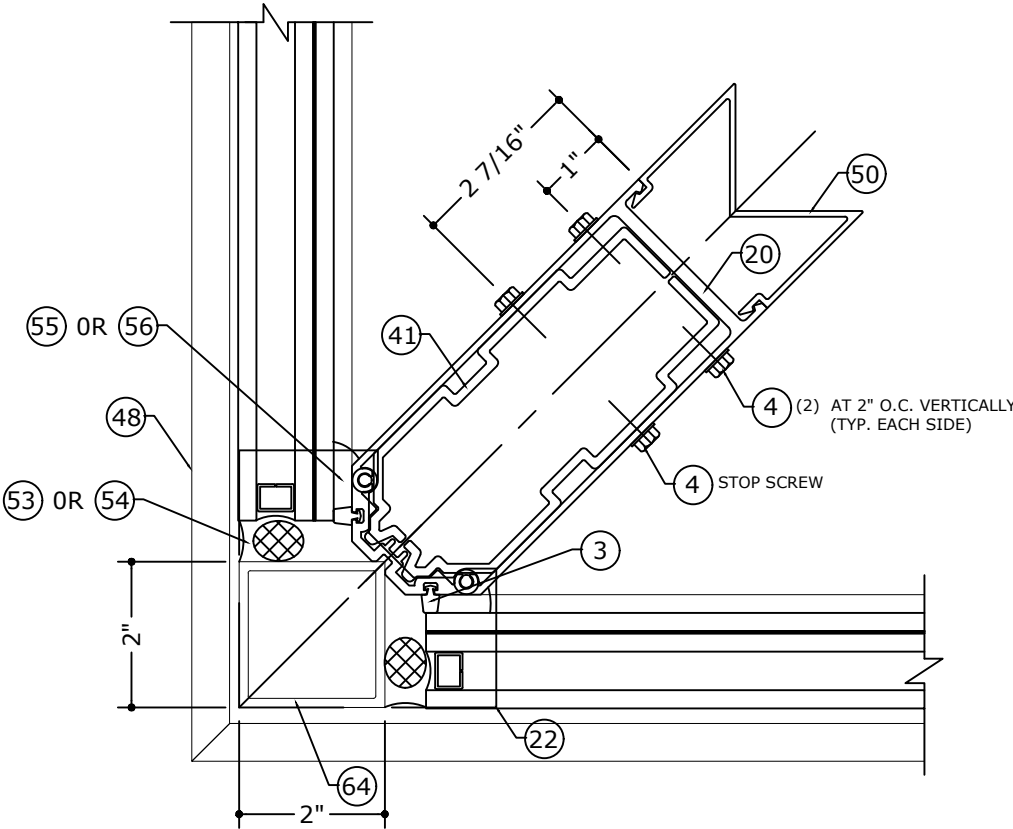
AUGUST 10, 2026



JAMB MULLION SPLICE DETAIL
SCALE: 6" = 1'-0"



HEAVY MULLION SPLICE DETAIL
SCALE: 6" = 1'-0"



CORNER MULLION SPLICE DETAIL
SCALE: 6" = 1'-0"

SEALANT JOINT NOTES

N1: 5/8" MIN. & 1 5/8" MAX. WIDE JOINT
WITH SEALANT 53 OR 54.

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT
WITH 1/4" DEPTH AT MIDWIDTH OF
JOINT WITH SEALANT 53 OR 54

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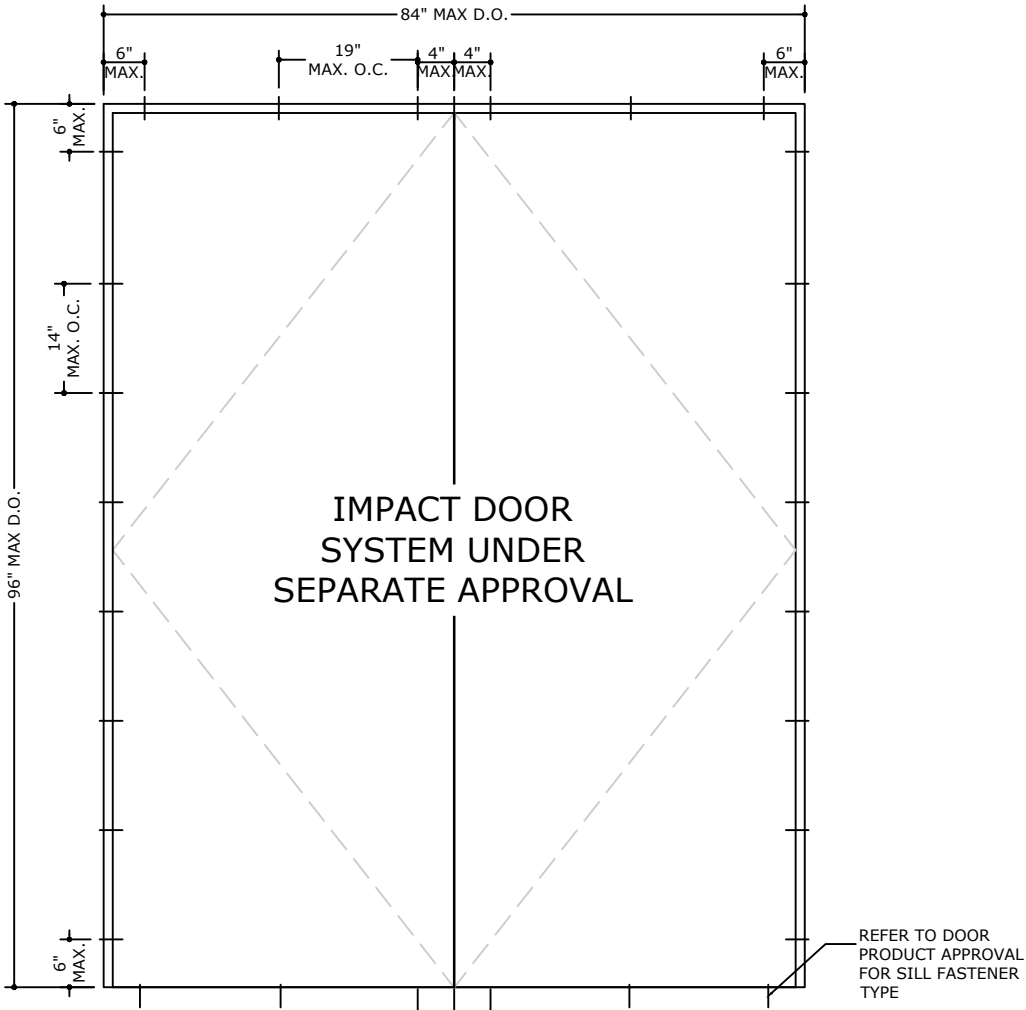
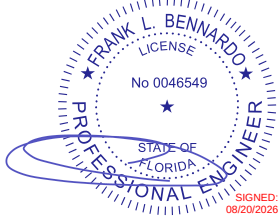
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DOOR JAMB CONNECTION TO CURTAIN WALL VERTICALS

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PE# 0046549 CA# 9885

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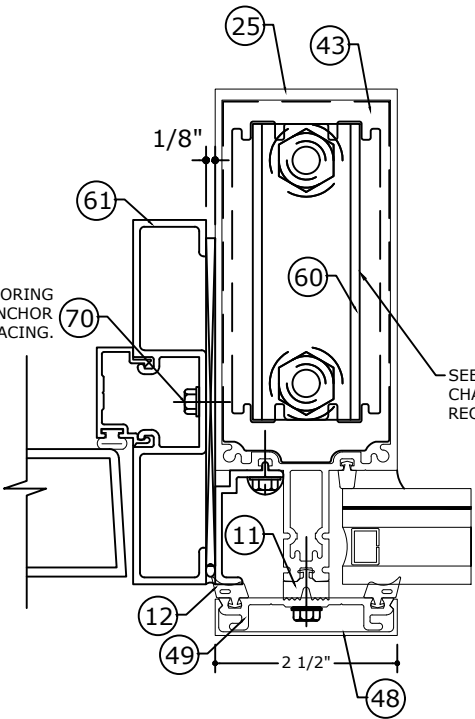


LOCATIONS FOR DOOR FRAME ATTACHEMENTS
ABOVE DIMENSIONS ARE MAXIMUM SIZES TESTED

9

DOOR JAMB MULLION AT CURTAIN
WALL WITH SIDELITE - DJ1

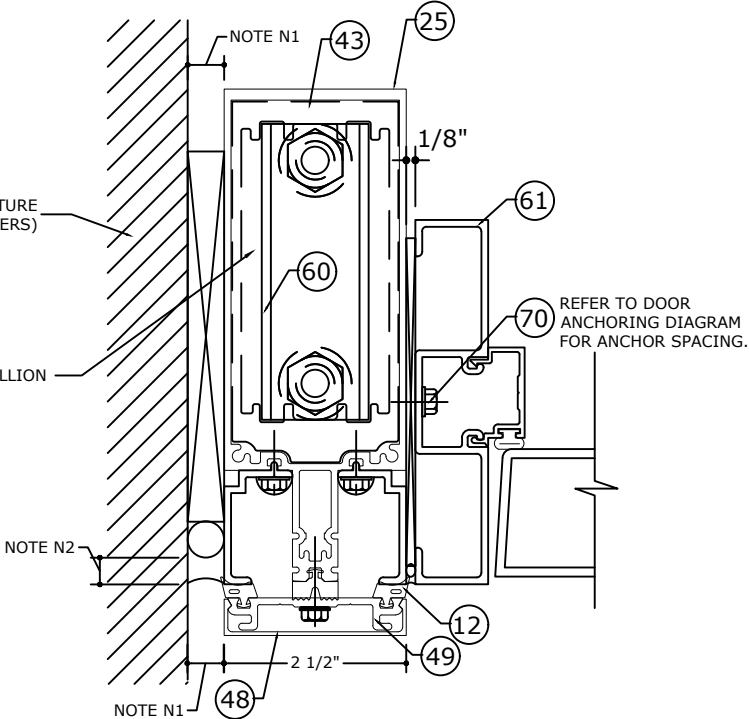
SCALE: 6" = 1'-0"



10

JAMB MULLION W/
NO SIDELITE CONDITION

SCALE: 6" = 1'-0"



SEALANT JOINT NOTES

N1: 1/2" MIN. & 1 3/4" MAX. WIDE JOINT
WITH SEALANT (28) OR (30)

N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT
WITH 1/4" DEPTH AT MIDWIDTH OF
JOINT WITH SEALANT (28) OR (30)

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PRESSURE PLATE AND FACE CAP INSTALLATION

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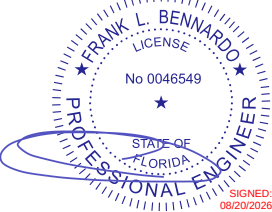
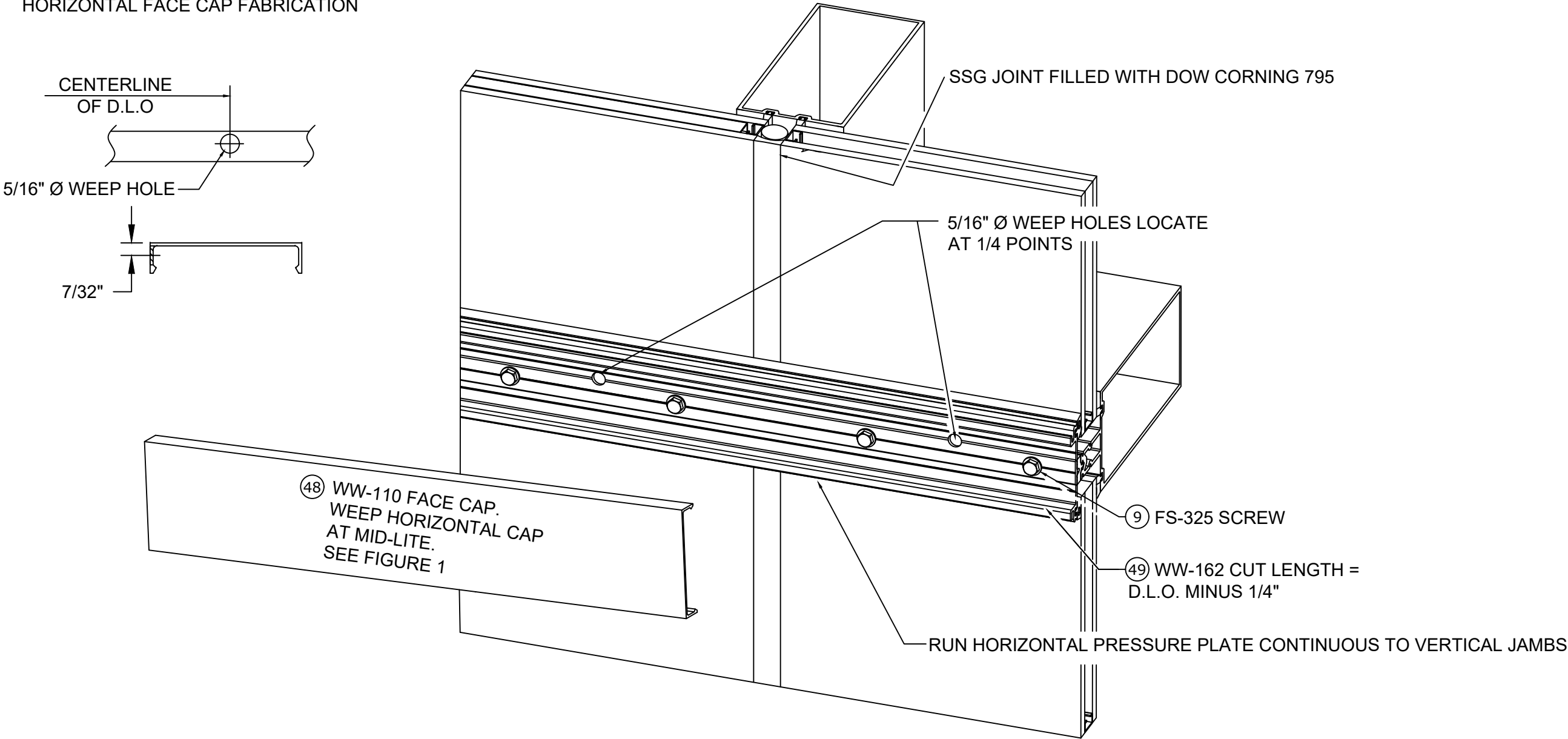


FIGURE 1
GLAZING INSTRUCTIONS
HORIZONTAL FACE CAP FABRICATION



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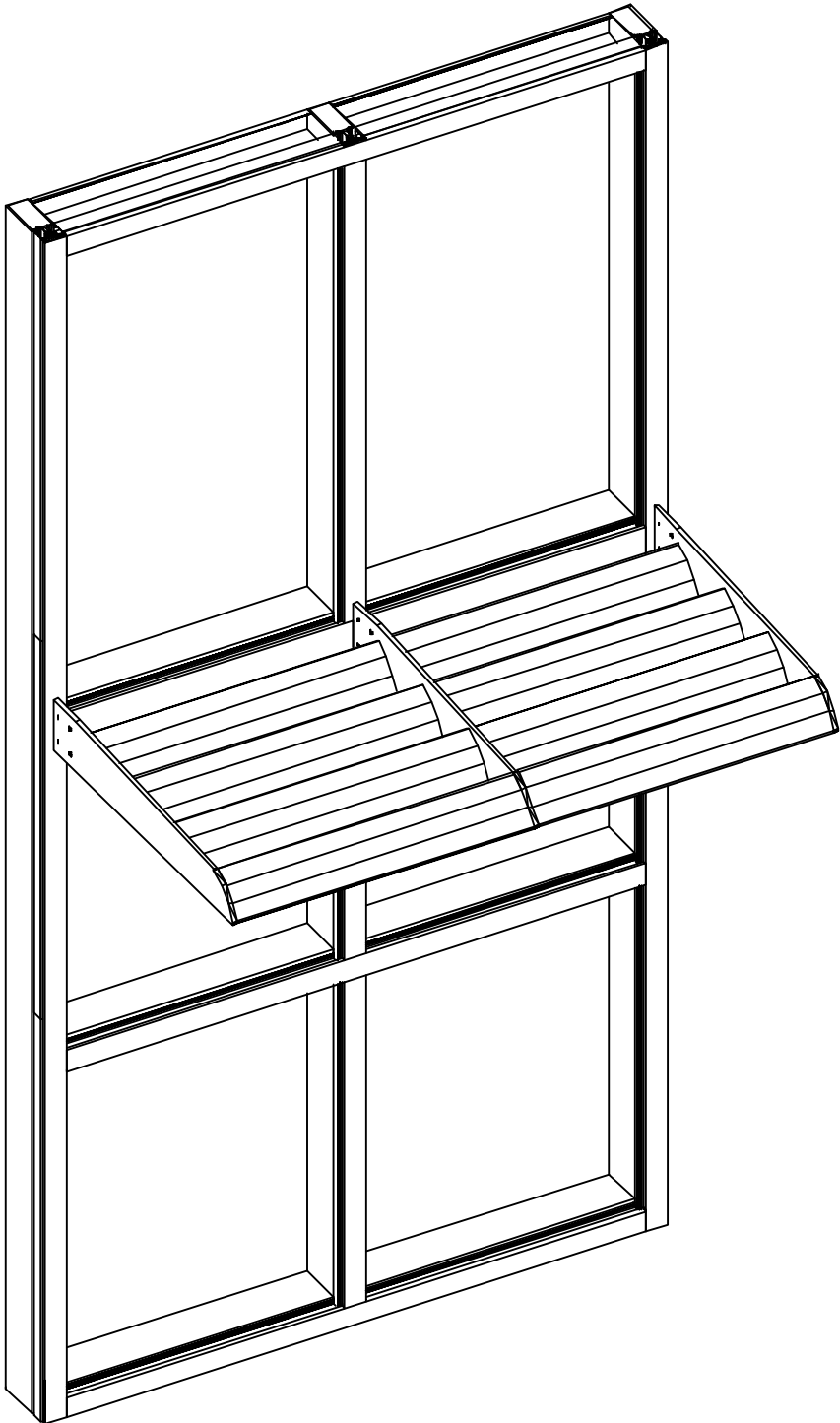
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Z:\Shared\PROJECTS\26-126-101737 2026 Multiple Product FBC Update FL33108\Work\2026 FBC\DL-QA-PE Review

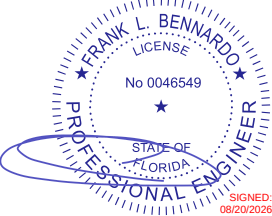
SUNSHADE OPTION



NOTE: OPTIONAL SUNSHADES IN NON-HVHZ
CONDITIONS CAN BE USED BASED ON SITE
SPECIFIC ENGINEERING.

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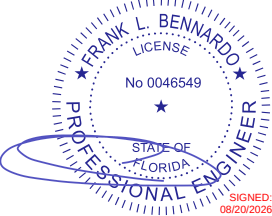
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RELIANCE STORMMAX™ CURTAIN WALL SYSTEM COMPONENTS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



- ① CW-2101
SETTING BLOCK
(L.M.)
- ② CW-2102
SETTING BLOCK
(L.M. & S.M.)
- ③ FG-5185S GASKET
(L.M. & S.M.)
- ⑪ GP-107 ISOLATOR
(L.M. & S.M.)
- ⑫ GP-117 GASKET
(L.M. & S.M.)
- ⑬ GP-160 GASKET
(L.M. & S.M.)
- ⑦ FS-320
- ⑧ FS-322
- ⑨ FS-325

- ⑭ HW-100 FACE CAP
(L.M. & S.M.)
- ⑮ HW-102 PRESSURE PLATE
(L.M. & S.M.)
- ⑰ HW-122 FILLER
(L.M. & S.M.)
- ⑱ HW-130 GLAZING ADAPTOR
(L.M.)
- ⑳ HW-240 CORNER MULLION
(L.M. & S.M.)

- ㉑ HW-312 CORNER BRIDGE
(L.M. & S.M.)
- ㉒ HW-323 CORNER MULL
CAP (L.M. & S.M.)
- ㉔ HW-338 JAMB CAP
(L.M. & S.M.)
- ⑲ HW-132 CORNER
PRESSURE PLATE
(L.M.)

- ㉕ HW-500 MULLION
(L.M. & S.M.)
- ㉖ HW-501 HEAD
(L.M. & S.M.)
- ㉗ HW-502 SILL
(L.M. & S.M.)
- ㉘ HW-504 HEAVY MULLION
(L.M. & S.M.)

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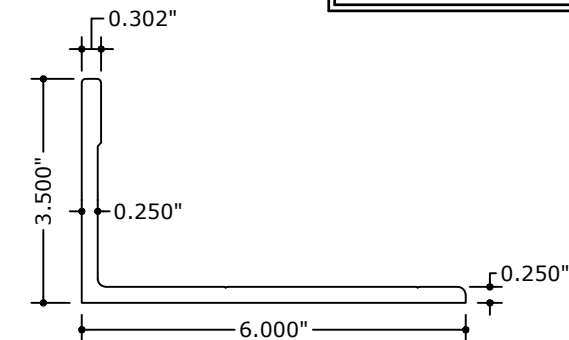
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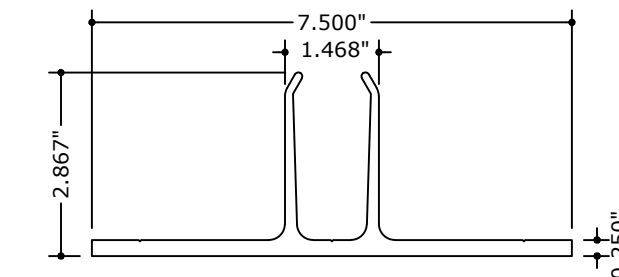
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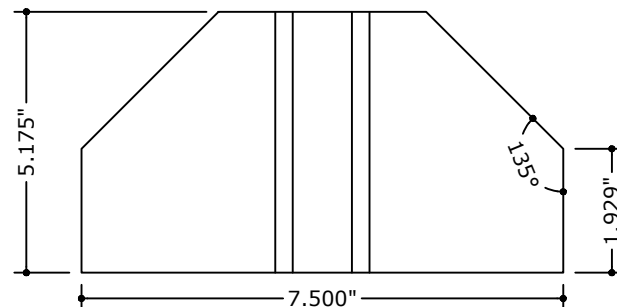
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③⑤ HW-174-01 "L" ANCHOR
(JAMB & STD. MULLION)
(L.M. & S.M.)

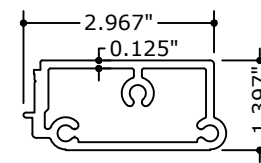


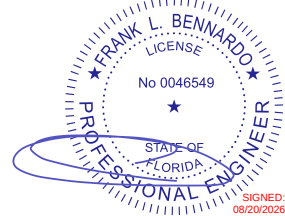
71 HW-105-03 "T" ANCHOR
(CORNER MULLION)
(L.M.)



Technical drawing of a trapezoidal part. The height is 5.074". The width is 7.500". The angle between the top and right side is 135 degrees.

NOTE: USE THIS "T" ANCHOR
AS AN OPTION FOR HW240





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ITEM NO.	PART NUMBER	DESCRIPTION	DIMENSIONS	MATERIAL
1	CW-2101	SETTING BLOCK	.50x .188x 4.00	EPDM 85 DUROMETER
2	CW-2102	SETTING BLOCK	1.250x .188x 4.00	EPDM 85 DUROMETER
3	FG-5185S	INTERIOR SPACING GASKET	.375x 0.25	SILICONE 70 DURO
4	FS-7	HORIZ. TO SHEAR BLOCK FASTENER #10x 3/4" PFH	3/4"	STEEL
5	FS-9	SHEAR BLOCK ASSEMBLY SCREW #14x 1 1/2" HH	1 1/2"	STEEL
6	FS-259	JAMB CAP PLATE FASTENER 1/4-20x 1" PFH TYPE F	1"	STEEL
7	FS-320	END CAP ATTACHMENT FASTENER M4x16MM HEADED HELICAL KNURLED PIN	M4 X 16MM HEADED HELICAL KNURLED PIN	LOW CARBON STEEL
8	FS-322	POCKET FILLER ATTACHMENT #12-14X1" HEX WASHER HEAD DRILLFLEX	#12-14 X 1" HEX WASHER HEAD DRILLFLEX	GRD. 5 STEEL/ GRD. 8 DRILL
9	FS-325	PRESSURE PLATE SCREW #12-24X 1-11/32 HWH SELF DRILLING SCREW	#12-24 X 1-11/32 HWH SELF DRILLING SCREW	GRD. 5 STEEL
10	FS-328	ADAPTOR ATTACHMENT SCREW #10x 1 1/2" PFH	1 1/2"	ZINC COATED STEEL
11	GP-107	ISOLATOR GASKET	.449 X .626	EPDM 70 DUROMETER
12	GP-117	EXTERIOR GASKET	.423 X .505	EPDM 85 DUROMETER
13	GP-160	EXTERIOR GASKET AT EXP HORIZ.	.479 X .348	EPDM 60 DUROMETER
14	HW-100	FACE CAP	4.50x .50x .062	6063-T5 ALUMINUM
15	HW-102	PRESSURE PLATE	4.401 X .432 X .094	6063-T6 ALUMINUM
17	HW-122	POCKET FILLER	1.562 X .937 X .094	6063-T5 ALUMINUM
18	HW-130	GLAZING ADAPTOR	.910 X .861 X .080	6063-T6 ALUMINUM
19	HW-132	CORNER PRESSURE PLATE	2.5 X 6.295 X .094	6063-T6 ALUMINUM
20	HW-240	CORNER MULLION	6.295x 2.50x .094	EPDM SPONGE "00" DUROMETER,CLOSED CELL
21	HW-312	CORNER BRIDGE	3.50x 1.625x .625	EPDM SPONGE 55 SHRE
22	HW-323	CORNER MULL CAP	3.00x 1.925x .063	5005-H32 ALUMINUM
24	HW-338	JAMB CAP	2.75x 1.925x .063	5005-H32 ALUMINUM
25	HW-500	MULLION	2.50 X 6.760 X .094	6063-T6 ALUMINUM
26	HW-501	HEAD	2.50 X 6.765 X .094	6063-T6 ALUMINUM
27	HW-502	SILL	2.50 X 6.765 X .094	6063-T6 ALUMINUM
28	HW-504	HEAVY MULLION	2.50 X 5.296 X .094	6063-T6 ALUMINUM
29	HW-532	ROLL OVER HORIZONTAL	2.50 X 6.729 X .094	6063-T6 ALUMINUM
30	HW-533	ROLL UNDER HORIZONTAL	2.50 X 6.729 X .094	6063-T6 ALUMINUM
31	HW-536	EXPANSION HORIZONTAL	1.625x 6.729x .094	6063-T6 ALUMINUM
32	HW-103-01	"F" ANCHOR (JAMB MULLION)	6.25x 2.869x 0.25x 4.062	6063-T6 ALUMINUM
33	HW-105-01	"T" ANCHOR (STD. & DOOR JAMB MULLION)	7.50x 2.869x 0.25x 4.062	6063-T6 ALUMINUM
34	HW-105-02	"T" ANCHOR (CORNER MULLION)	7.50x 2.869x 0.25x 4.061	6063-T6 ALUMINUM
35	HW-174-01	"L" ANCHOR (STD. & JAMB MULLION)	3.50x 6.0x 0.25x 4.062	6063-T6 ALUMINUM
36	HW-180-01	SHEAR BLOCK	3.508x 2.272x .50	6063-T6 ALUMINUM
37	HW-180-02	SHEAR BLOCK	3.508x 2.272x .50	6063-T6 ALUMINUM
38	HW-180-03	SHEAR BLOCK	3.508x 2.272x .50	6063-T6 ALUMINUM
39	HW-183-01	SHEAR BLOCK	2.827x 2.272x .125	6063-T6 ALUMINUM
40	HW-184-01	SHEAR BLOCK	3.153x 1.397x .125	6063-T6 ALUMINUM
41	HW-191-01	CORNER SPLICE	5.557x 1.125x 8.00x .126	6063-T6 ALUMINUM
42	HW-194-01	JAMB & STD. MULLION SPLICE	4.950x 1.125x 8.00x .125	6063-T6 ALUMINUM
43	HW-200-01	STD. MULLION ANCHOR SLEEVE	2.282x 4.953X 2.50x .125	6063-T6 ALUMINUM



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PHONE: (972) 551-6100

RELIANCE™ STORMMAX® SSG

FLORIDA BUILDING CODE NINTH EDITION (2026)

FLORIDA STATEWIDE APPROVAL (FSA FL#33108.3)

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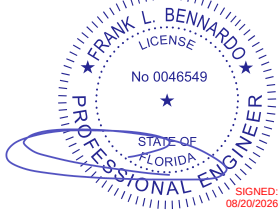
SCALE: NTS UNLESS NOTED

43 44

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FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



BILL OF MATERIALS

ITEM NO.	PART NUMBER	DESCRIPTION	DIMENSIONS	MATERIAL
44	HW-201-01	HEAVY MULL ANCHOR SLEEVE	2.282x 4.675X 2.50x .125	6063-T6 ALUMINUM
45	HW-201-02	HEAVY MULL SPLICE	2.282x 4.675X 8.00x .125	6063-T6 ALUMINUM
46	RS-15	STEEL BAR	.50x 4.00	ASTM A-36
46A	RS-17	STEEL CHANNEL W/ 3/4" X 4" BAR	1.875 X 4.718 X .25	ASTM A-36
47	RS-25	1-7/8" X 4-11/16" STEEL CHANNEL X 1/4"	1.875 X 4.688 X .25	ASTM A-36
48	WW-110	FACE CAP	.50x 2.50x .050	6063-T5 ALUMINUM
49	WW-162	PRESSURE PLATE	.442 X 2.401 X .094	6063-T6 ALUMINUM
50	WW-224	MULLION FILLER	1.862 X 2.5 X .078	6063-T5 ALUMINUM
51	WW-237	FILLER	.313 X 4.905 X .080	6063-T5 ALUMINUM
52	WW-352	ZONE PLUG	1.061 X .885 X .645	ABS PLASTIC
53	795	PERIMETER SEAL	-	SILICONE
54	SCS 2000	PERIMETER SEAL	-	SILICONE
55	995	POCKET SEAL	-	SILICONE
56	SSG 4600	POCKET SEAL	-	SILICONE
57	FASTENERS	MID POINT ANCHOR AT MULLIONS 5/8-18x 4 1/2" HH	4.50	GRADE 5 ZINC PLATED
58	FASTENERS	MID POINT ANCHOR AT MULLIONS 5/8-18x NUTS	-	GRADE 5 ZINC PLATED
59	FASTENERS	MID POINT ANCHOR AT JAMBS 5/8-18x 1 3/4" HH FN THREAD	1.75	GRADE 5 ZINC PLATED
60	HW-108-01 "U" ANCHOR	AT DOOR JAMB MULLION & AT JAMB MULLION AT DOOR W/ MOM SIDELITE & OPTIONAL AT JAMB MULLION	2.875x 1.468x 0.25x 4.062	6063-T6 ALUMINUM
61	D-226	DOOR FRAME	1.00x 5.00x .094	6063-T6 ALUMINUM
62	D-231	DOOR JAMB SCREW SPLINE	1.00x 5.00x .094	6063-T6 ALUMINUM
64	F-64	TUBE	2.00x 2.00x .125	6063-T5 ALUMINUM
65	HW-74-01	SSG MULLION SPLICE	4.793x 1.125x 8.00x .125	6063-T6 ALUMINUM
66	HW-358	SSG MULLION CAP	3.00x 1.735x .063	3003-H14 ALUMINUM
67	WW-350	SSG BRIDGE	2.737x 1.519x .860	ABS PLASTIC
68	HW-314	CORNER ZONE PLUG	1.312x 1.503x .625	55 SHORE "00" DUROMETER, CLOSED CELL
69	INSULATING GLASS UNIT SPACER	MODEL H 6.5	0.5x 0.25x 0.014	3105-H24 ALUMINUM
70	FS-322	#12X14 x 1" HEX WASHER HEAD DRIL-FLEX SCREW	1"	S.S
71	HW-105-03	"T" ANCHOR (CORNER MULLION)	7.50x 2.804x 0.25x 5.074	6063-T6 ALUMINUM

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REMARKS	DRWN	CHKD	DATE	JPC	AJP	SQ	AEG	RS	RS	RS	RS	RS	RS	RS	RS
2020 FBC (19-20199)			08/13/20												
2023 FBC (23-59835a)			08/16/23												
2026 FBC UPDATE			08/10/26												

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