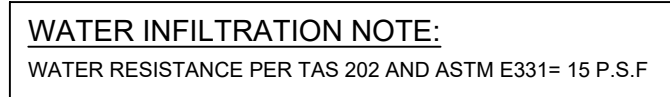


FRANK BENNARDO, PE
PE# 0046549 CA# 9885

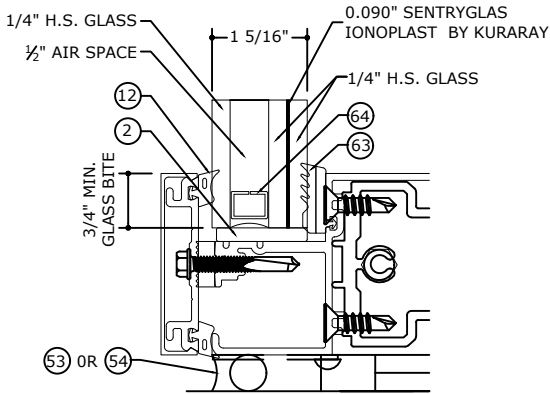
SIGNED: 08/20/2026

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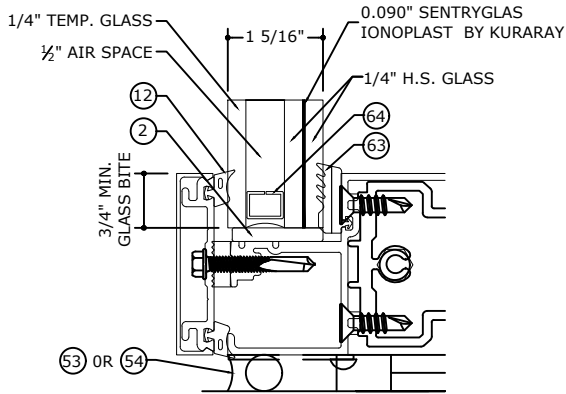


02

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



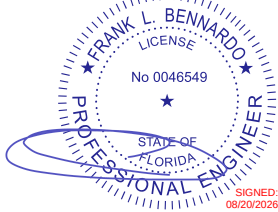
GLASS TYPE **G4**
GLAZING DETAIL
N.T.S.
GLASS RATING:
LARGE MISSILE LEVEL D
1 5/16" GLASS



GLASS TYPE **G4A**
GLAZING DETAIL
N.T.S.
GLASS RATING:
LARGE MISSILE LEVEL D
1 5/16" GLASS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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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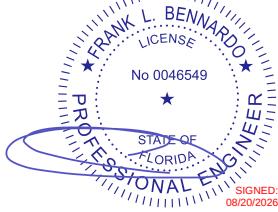
03 OF 41

NOTES:

- OPTIONAL GLASS CAPS, FINS, OR SIMILAR ACCESSORIES OF VARIOUS SIZES MAY BE ATTACHED WITH SILICONE, BASED ON SITE SPECIFIC CALCULATIONS

GLASS LOADING TABLES

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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GLASS TYPES			
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
54	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	70	70
	66	70	70
	72	70	70
60	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	67	67
	66	67	67
	72	67	67
66	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	67	67
	66	60	60
	72	60	60

GLASS TYPES			
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
72	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	67	67
	66	60	60
	72	55	55
78	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	67	67
	66	65	65
	72	70	70
84	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	69	69
	60	67	67
	66	60	60
	72	60	60

GLASS TYPES			
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
90	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	69	69
	60	67	67
	66	70	70
	72	70	70
96	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	70	70
	66	70	70
	72	70	70
102	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	70	70
	66	70	70
	72	70	70
108	24	70	70
	30	70	70
	36	70	70
	43	70	70
	48	70	70
	54	70	70
	57-1/2	70	70
	60	70	70
	66	70	70
	72	70	70

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

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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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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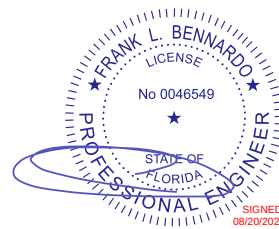
OF 41

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FRANK BENNARDO, PE
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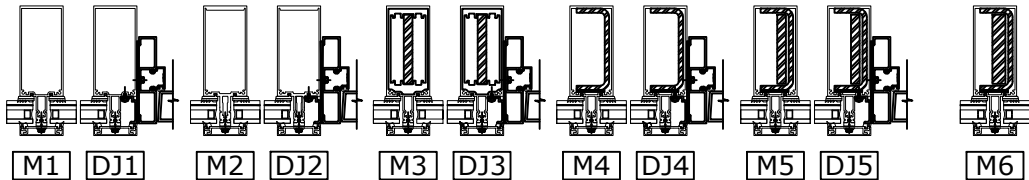
AUGUST 10, 2026



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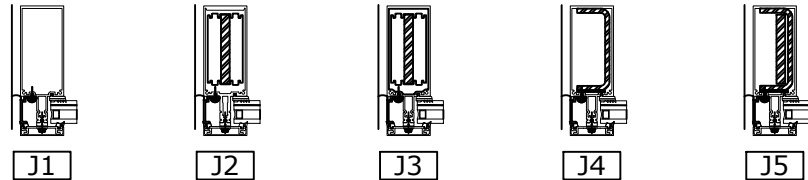
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - SINGLE SPAN

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M1 - DJ1		M2 - DJ2		M3 - DJ3		M4 - DJ4		M5 - DJ5		M6	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
60	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	70	70	70	70	70	70	70	70	70	70
	60	65	65	70	70	70	70	70	70	70	70	70	70
	66	65	65	70	70	70	70	70	70	70	70	70	70
	72	65	65	70	70	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70	70	70
67	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	70	70	70	70	70	70	70	70	70	70
	60	65	65	70	70	70	70	70	70	70	70	70	70
	66	65	65	70	70	70	70	70	70	70	70	70	70
	72	65	65	70	70	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70	70	70
73	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	70	70	70	70	70	70	70	70	70	70
	60	65	65	70	70	70	70	70	70	70	70	70	70
	66	65	65	70	70	70	70	70	70	70	70	70	70
	72	65	65	70	70	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70	70	70
78	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	70	70	70	70	70	70	70	70	70	70
	60	65	65	70	70	70	70	70	70	70	70	70	70
	66	65	65	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	70	70	70	70	70	70
	74	-	-	-	-	70	70	70	70	70	70	70	70



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

SINGLE SPAN JAMB LOADING CHART		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE	
		J1		J2		J3		J4		J5	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
60	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	70	70	70	70	70	70	70	70	70	70
	38	70	70	70	70	70	70	70	70	70	70
	44	70	70	70	70	70	70	70	70	70	70
	50	-	-	70	70	70	70	70	70	70	70
	56	-	-	70	70	70	70	70	70	70	70
67	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	70	70	70	70	70	70	70	70	70	70
	38	70	70	70	70	70	70	70	70	70	70
	44	-	-	70	70	70	70	70	70	70	70
	50	-	-	70	70	70	70	70	70	70	70
	56	-	-	70	70	-	-	70	70	70	70
73	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	70	70	70	70	70	70	70	70	70	70
	38	-	-	70	70	70	70	70	70	70	70
	44	-	-	70	70	70	70	70	70	70	70
	50	-	-	70	70	-	-	70	70	70	70
	56	-	-	70	70	-	-	70	70	70	70
78	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	70	70	70	70	70	70	70	70	70	70
	38	-	-	70	70	70	70	70	70	70	70
	44	-	-	70	70	70	70	70	70	70	70
	50	-	-	70	70	-	-	70	70	70	70
	56	-	-	70	70	-	-	70	70	70	70



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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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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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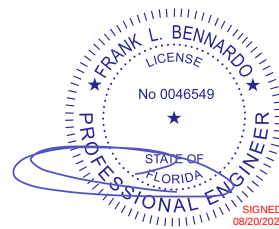
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FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026

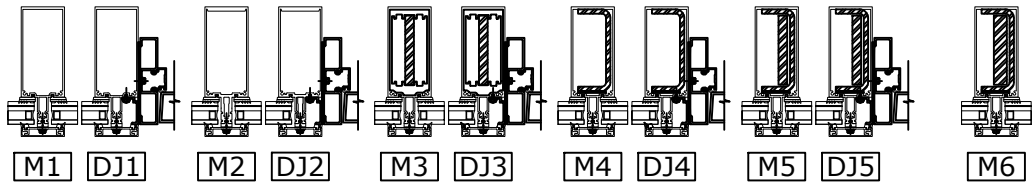


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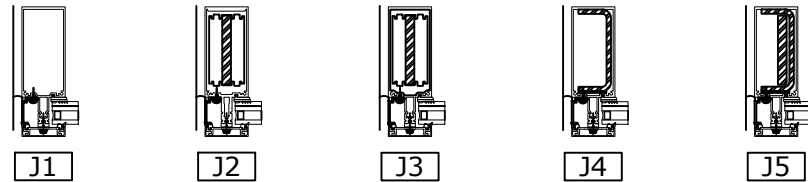
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - SINGLE SPAN

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

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M1 - DJ1		M2 - DJ2		M3 - DJ3		M4 - DJ4		M5 - DJ5		M6	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
84	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	70	70	70	70	70	70	70	70	70	70
	60	65	65	-	-	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	70	70	70	70	70	70
	74	-	-	-	-	70	70	70	70	70	70	70	70
90	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	65	65	-	-	70	70	70	70	70	70	70	70
	60	-	-	-	-	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	70	70	70	70	70	70
	74	-	-	-	-	70	70	70	70	70	70	70	70
96	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	65	65	70	70	70	70	70	70	70	70	70	70
	54	63	63	-	-	70	70	70	70	70	70	70	70
	60	-	-	-	-	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	70	70	70	70	70	70
	74	-	-	-	-	70	70	70	70	70	70	70	70
101	24	65	65	70	70	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70	70	70
	48	63	63	70	70	70	70	70	70	70	70	70	70
	54	-	-	-	-	70	70	70	70	70	70	70	70
	60	-	-	-	-	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	70	70	70	70	70	70
	74	-	-	-	-	70	70	70	70	70	70	70	70



SINGLE SPAN JAMB LOADING CHART		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE	
		J1		J2		J3		J4		J5	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
84	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	70	70	70	70	70	70	70	70	70	70
	38	-	-	70	70	70	70	70	70	70	70
	44	-	-	70	70	-	-	70	70	70	70
	50	-	-	70	70	-	-	70	70	70	70
	56	-	-	-	-	-	-	-	-	70	70
90	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	70	70	70	70	70	70
	38	-	-	70	70	70	70	70	70	70	70
	44	-	-	70	70	-	-	70	70	70	70
	50	-	-	70	70	-	-	70	70	70	70
	56	-	-	-	-	-	-	-	-	70	70
96	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	70	70	70	70	70	70
	38	-	-	70	70	-	-	70	70	70	70
	44	-	-	70	70	-	-	70	70	70	70
	50	-	-	-	-	-	-	-	-	70	70
	56	-	-	-	-	-	-	-	-	70	70
101	8	70	70	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	70	70	70	70	70	70
	38	-	-	70	70	-	-	70	70	70	70
	44	-	-	70	70	-	-	70	70	70	70
	50	-	-	-	-	-	-	-	-	70	70
	56	-	-	-	-	-	-	-	-	70	70



FL 33108.1

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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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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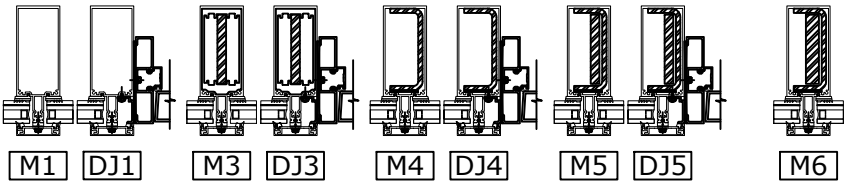
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09 OF 41

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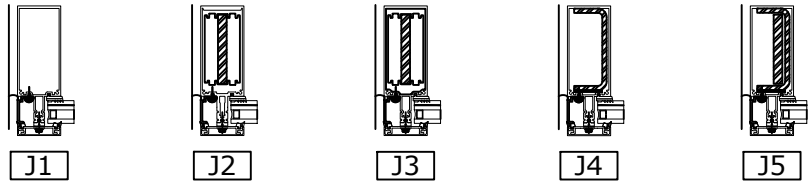
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - SINGLE SPAN

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M1 - DJ1		M3 - DJ3		M4 - DJ4		M5 - DJ5		M6	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
106	24	65	65	70	70	70	70	70	70	70	70
	30	65	65	70	70	70	70	70	70	70	70
	36	65	65	70	70	70	70	70	70	70	70
	42	65	65	70	70	70	70	70	70	70	70
	48	60	60	70	70	70	70	70	70	70	70
	54	-	-	70	70	70	70	70	70	70	70
	60	-	-	70	70	70	70	70	70	70	70
	66	-	-	70	70	70	70	70	70	70	70
	72	-	-	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70
114	24	-	-	70	70	70	70	70	70	70	70
	30	-	-	70	70	70	70	70	70	70	70
	36	-	-	70	70	70	70	70	70	70	70
	42	-	-	70	70	70	70	70	70	70	70
	48	-	-	70	70	70	70	70	70	70	70
	54	-	-	70	70	70	70	70	70	70	70
	60	-	-	70	70	70	70	70	70	70	70
	66	-	-	70	70	70	70	70	70	70	70
	72	-	-	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70
120	24	-	-	70	70	70	70	70	70	70	70
	30	-	-	70	70	70	70	70	70	70	70
	36	-	-	70	70	70	70	70	70	70	70
	42	-	-	70	70	70	70	70	70	70	70
	48	-	-	70	70	70	70	70	70	70	70
	54	-	-	70	70	70	70	70	70	70	70
	60	-	-	70	70	70	70	70	70	70	70
	66	-	-	70	70	70	70	70	70	70	70
	72	-	-	70	70	70	70	70	70	70	70
	74	-	-	70	70	70	70	70	70	70	70
126	24	-	-	70	70	70	70	70	70	70	70
	30	-	-	70	70	70	70	70	70	70	70
	36	-	-	70	70	70	70	70	70	70	70
	42	-	-	70	70	70	70	70	70	70	70
	48	-	-	70	70	70	70	70	70	70	70
	54	-	-	70	70	70	70	70	70	70	70
	60	-	-	70	70	70	70	70	70	70	70
	66	-	-	70	70	70	70	70	70	70	70
	72	-	-	-	-	-	-	70	70	-	-
	74	-	-	-	-	-	-	70	70	-	-

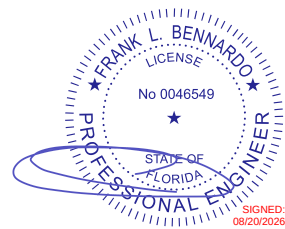


MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - SINGLE SPAN

SINGLE SPAN JAMB LOADING CHART		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE	
		J1		J2		J3		J4		J5	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
106	8	65	65	70	70	70	70	70	70	70	70
	12	65	65	70	70	70	70	70	70	70	70
	16	65	65	70	70	70	70	70	70	70	70
	20	65	65	70	70	70	70	70	70	70	70
	25-1/2	65	65	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	70	70	70	70	70	70
	38	-	-	70	70	-	-	70	70	70	70
	44	-	-	70	70	-	-	70	70	70	70
	50	-	-	-	-	-	-	-	-	70	70
	56	-	-	-	-	-	-	-	-	-	-
114	8	-	-	70	70	70	70	70	70	70	70
	12	-	-	70	70	70	70	70	70	70	70
	16	-	-	70	70	70	70	70	70	70	70
	20	-	-	70	70	70	70	70	70	70	70
	25-1/2	-	-	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	70	70	70	70	70	70
	38	-	-	70	70	-	-	70	70	70	70
	44	-	-	-	-	-	-	-	-	70	70
	50	-	-	-	-	-	-	-	-	70	70
	56	-	-	-	-	-	-	-	-	-	-
120	8	-	-	70	70	70	70	70	70	70	70
	12	-	-	70	70	70	70	70	70	70	70
	16	-	-	70	70	70	70	70	70	70	70
	20	-	-	70	70	70	70	70	70	70	70
	25-1/2	-	-	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	-	-	70	70	70	70
	38	-	-	70	70	-	-	70	70	70	70
	44	-	-	-	-	-	-	-	-	70	70
	50	-	-	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-	-	-
126	8	-	-	70	70	70	70	70	70	70	70
	12	-	-	70	70	70	70	70	70	70	70
	16	-	-	70	70	70	70	70	70	70	70
	20	-	-	70	70	70	70	70	70	70	70
	25-1/2	-	-	70	70	70	70	70	70	70	70
	31-1/2	-	-	70	70	-	-	70	70	70	70
	38	-	-	-	-	-	-	-	-	70	70
	44	-	-	-	-	-	-	-	-	70	70
	50	-	-	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-	-	-



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PE# 0046549 CA# 9885



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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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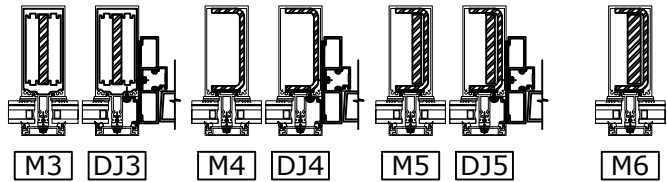
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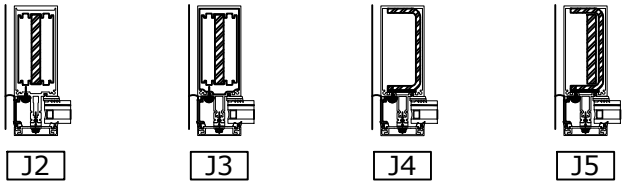
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS - SINGLE SPAN

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M3 - DJ3		M4 - DJ4		M5 - DJ5		M6	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
132	24	70	70	70	70	70	70	70	70
	30	70	70	70	70	70	70	70	70
	36	70	70	70	70	70	70	70	70
	42	70	70	70	70	70	70	70	70
	48	70	70	70	70	70	70	70	70
	54	70	70	70	70	70	70	70	70
	60	70	70	70	70	70	70	70	70
	66	70	70	70	70	70	70	70	70
	72	-	-	-	-	70	70	-	-
	74	-	-	-	-	70	70	-	-
138	24	70	70	70	70	70	70	70	70
	30	70	70	70	70	70	70	70	70
	36	70	70	70	70	70	70	70	70
	42	70	70	70	70	70	70	70	70
	48	70	70	70	70	70	70	70	70
	54	70	70	70	70	70	70	70	70
	60	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	-	-
	72	-	-	-	-	70	70	-	-
	74	-	-	-	-	70	70	-	-
144	24	70	70	70	70	70	70	70	70
	30	70	70	70	70	70	70	70	70
	36	70	70	70	70	70	70	70	70
	42	70	70	70	70	70	70	70	70
	48	70	70	70	70	70	70	70	70
	54	70	70	70	70	70	70	70	70
	60	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	-	-
	72	-	-	-	-	70	70	-	-
	74	-	-	-	-	70	70	-	-
150	24	70	70	70	70	70	70	70	70
	30	70	70	70	70	70	70	70	70
	36	70	70	70	70	70	70	70	70
	42	70	70	70	70	70	70	70	70
	48	70	70	70	70	70	70	70	70
	54	70	70	70	70	70	70	70	70
	60	70	70	70	70	70	70	70	70
	66	-	-	-	-	70	70	-	-
	72	-	-	-	-	70	70	-	-
	74	-	-	-	-	70	70	-	-

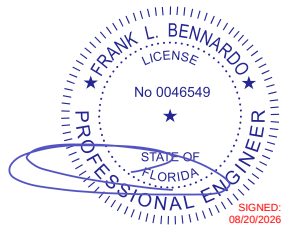


MAXIMUM A.S.D. DESIGN PRESSURE RATING
FOR STANDARD JAMBS - SINGLE SPAN

SINGLE SPAN JAMB LOADING CHART		JAMB TYPE		JAMB TYPE		JAMB TYPE		JAMB TYPE	
		J2		J3		J4		J5	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
132	8	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70
	31-1/2	70	70	-	-	70	70	70	70
	38	-	-	-	-	-	-	70	70
	44	-	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-
138	8	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70
	31-1/2	70	70	-	-	70	70	70	70
	38	-	-	-	-	-	-	70	70
	44	-	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-
144	8	70	70	70	70	70	70	70	70
	12	70	70	70	70	70	70	70	70
	16	70	70	70	70	70	70	70	70
	20	70	70	70	70	70	70	70	70
	25-1/2	70	70	70	70	70	70	70	70
	31-1/2	70	70	-	-	70	70	70	70
	38	-	-	-	-	-	-	70	70
	44	-	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-
150	8	70	70	-	-	70	70	70	70
	12	70	70	-	-	70	70	70	70
	16	70	70	-	-	70	70	70	70
	20	70	70	-	-	70	70	70	70
	25-1/2	70	70	-	-	70	70	70	70
	31-1/2	70	70	-	-	70	70	70	70
	38	-	-	-	-	-	-	70	70
	44	-	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	-



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PE# 0046549 CA# 9885



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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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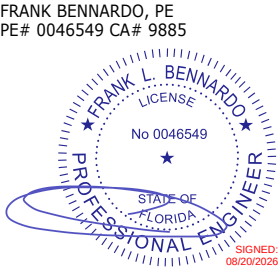
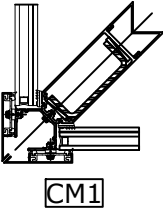
SCALE: NTS UNLESS NOTED

11 OF 41

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	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
102	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
114	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
120	60	70	70
	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70

SINGLE SPAN CORNER MULLION LOADING CHART		MULLION TYPE	
		CM1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
126	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
132	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
138	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
144	60	70	70
	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
150	54	70	70
	60	70	70
	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70



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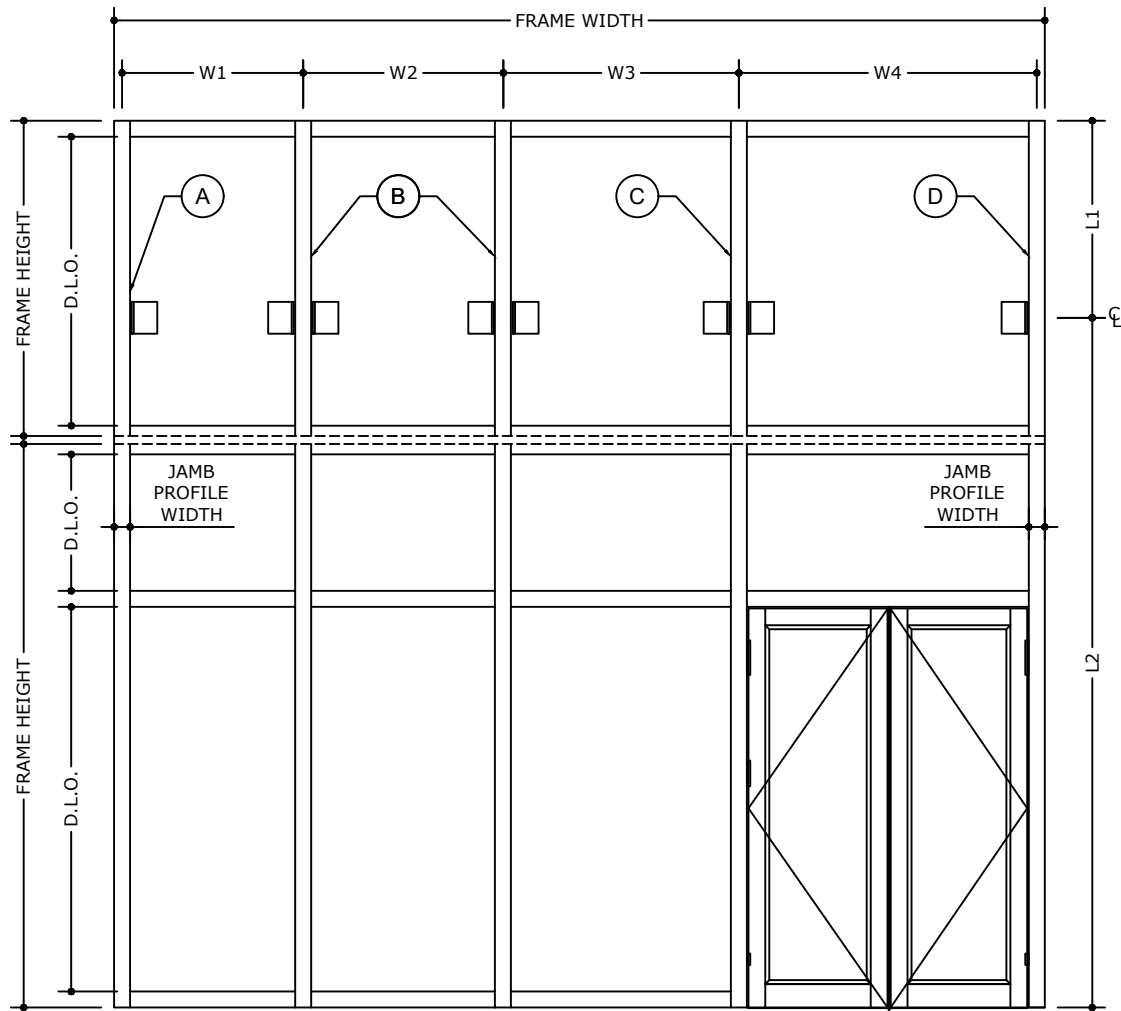
REMARKS	DRWN	CHKD	DATE
2020 FBC (19-20199)	JPC	AJP	08/13/20
2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26
	-	-	-
	-	-	-

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TWIN SPAN MULLION DETERMINATION LOAD



SPAN (L) = LARGER OF L1 OR L2

LOAD DETERMINATION

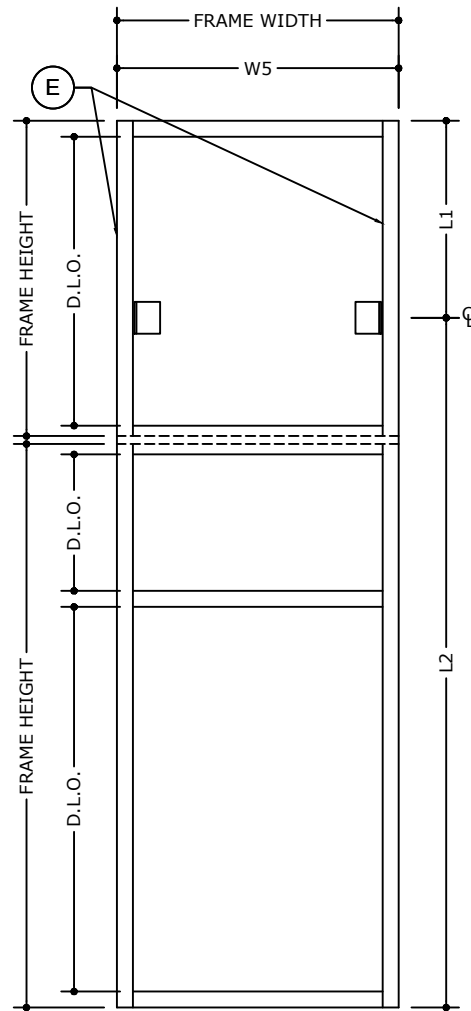
TRIBUTARY WIDTH A = $\frac{W1}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR STANDARD JAMB MULLION)

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

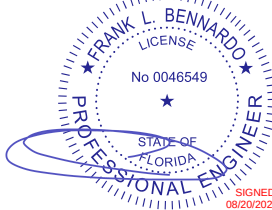


LOAD DETERMINATION

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

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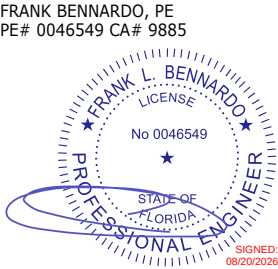
REMARKS	DRWN	CHKD	DATE
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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26

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RelianceTM StormMax[®] TWIN SPAN MULLION (WITH & WITHOUT SPLICE)

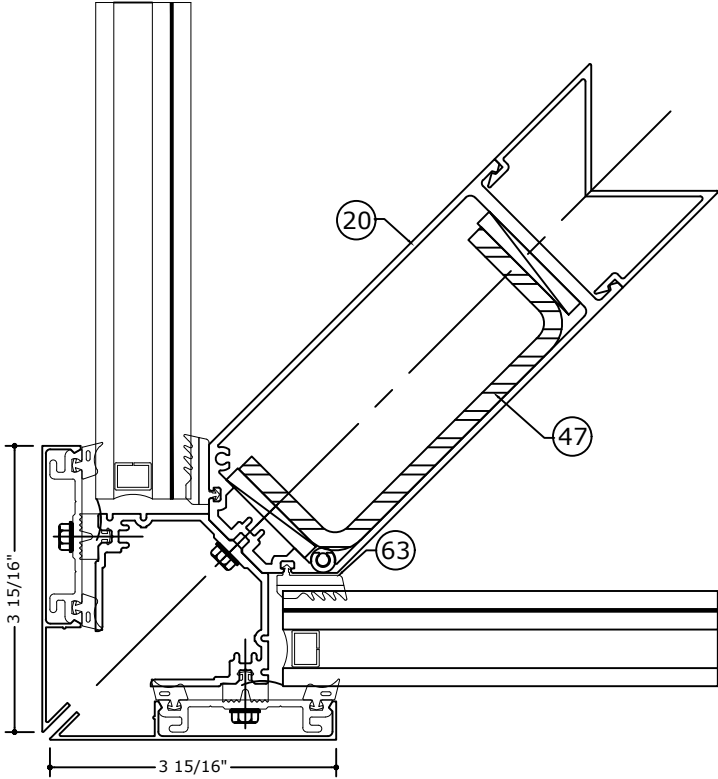


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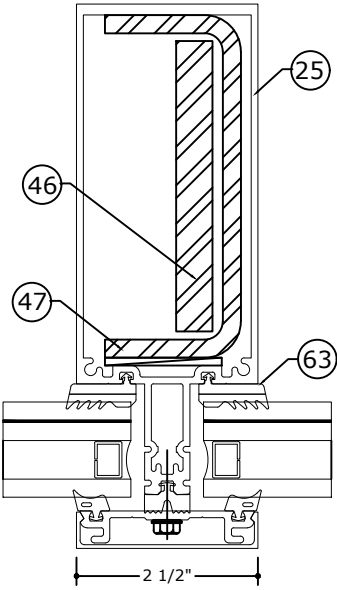
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FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)



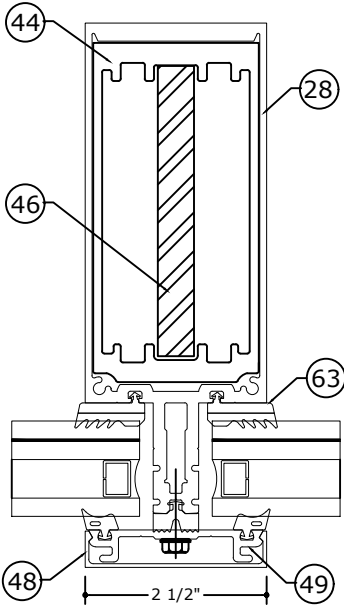
TCM1
Ix= 27.782 in4
Sx= 8.6737 in3

IN TERMS OF
ALUMINUM
REF. DETAIL 7 ON 31



TM1
Ix= 33.207 in4
Sx= 7.602 in3

IN TERMS OF
ALUMINUM
REF. DETAIL 6 ON 31



TM2
Ix= 32.185 in4
Sx= 9.1693 in3

IN TERMS OF
ALUMINUM
REF. DETAIL 6.1 ON 31

NOTE:
REFER TO PAGE 16 & 17 FOR
LENGTH OF SLEEVE (PART 44)
& AND REINFORCEMENT (PART
46 & 47)

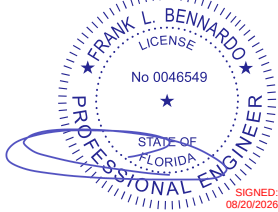
NOTE:
REINFORCEMENT MEMBERS
MUST BE SHIMMED TIGHT.

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

RelianceTM StormMax[®] TWIN SPAN JAMBS (WITH & WITHOUT SPLICE)

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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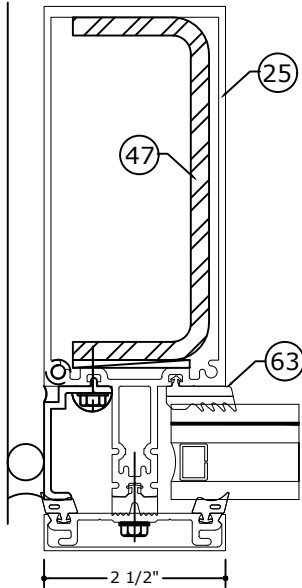
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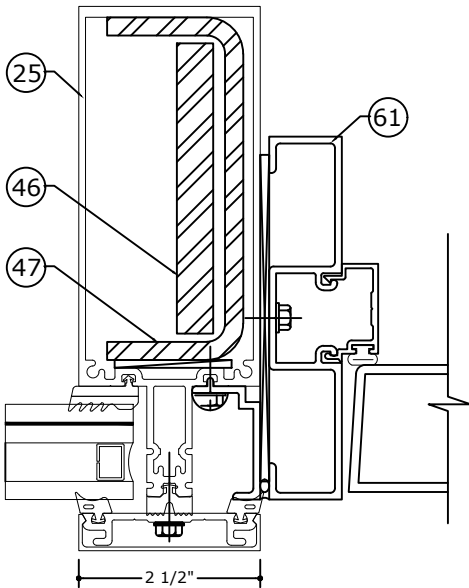


TJ1

Ix= 29.375 in4
Sx= 7.31 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 5 ON 31



TDJ1

Ix= 33.207 in4
Sx= 7.602 in3

IN TERMS OF
ALUMINUM

REF. DETAIL 8.1 ON 32

NOTE:
REFER TO PAGE 16 & 17 FOR
LENGTH OF REINFORCEMENT
(PART 46 & 47)

NOTE:
REINFORCEMENT MEMBERS
MUST BE SHIMMED TIGHT.

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

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

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

SIGNED:
08/20/2026

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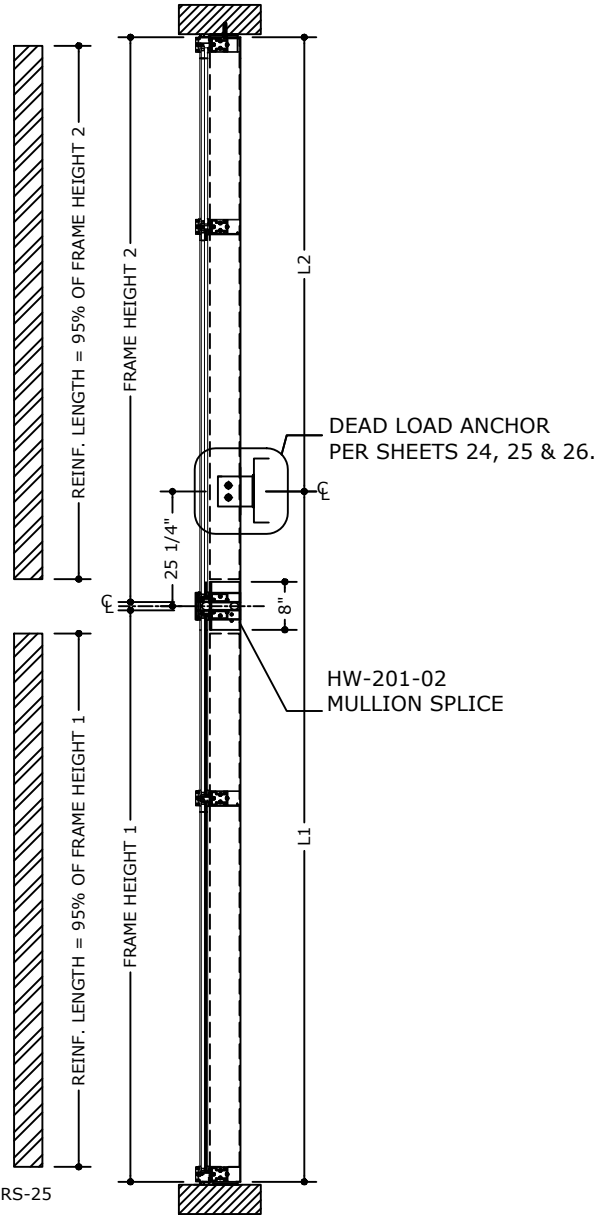
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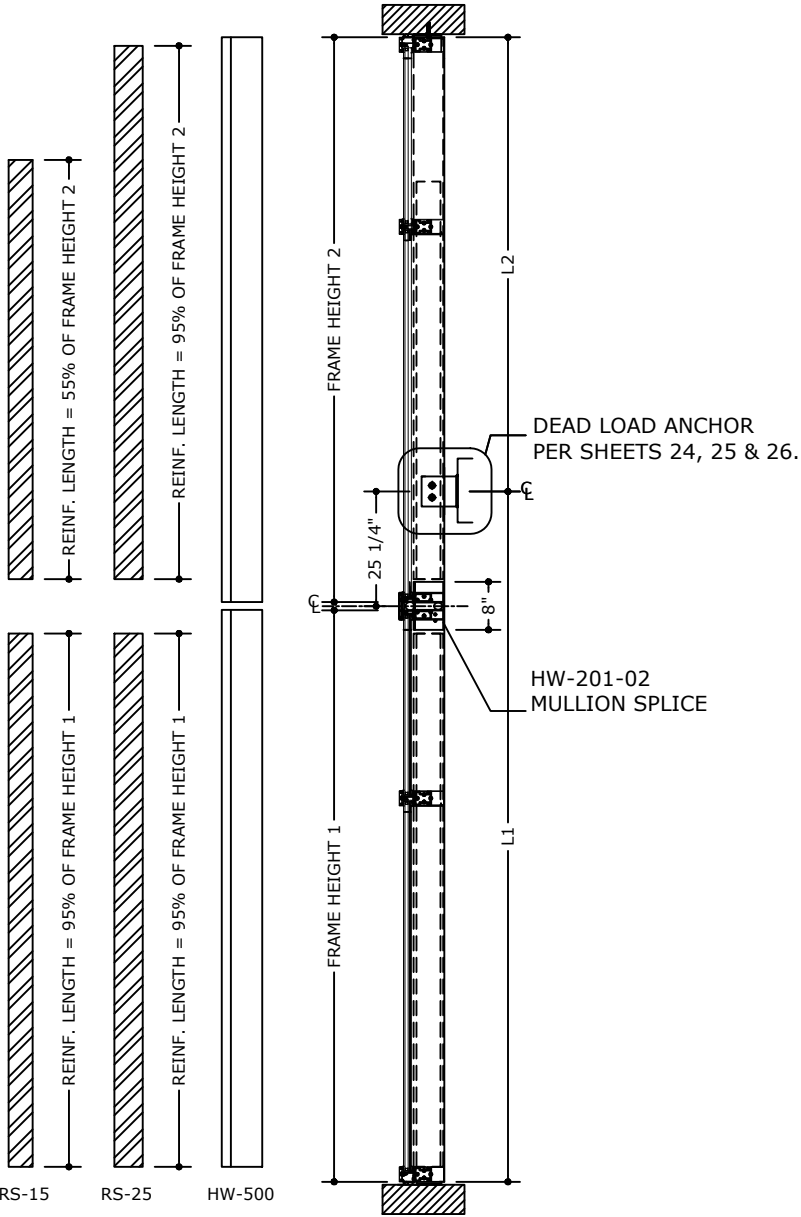
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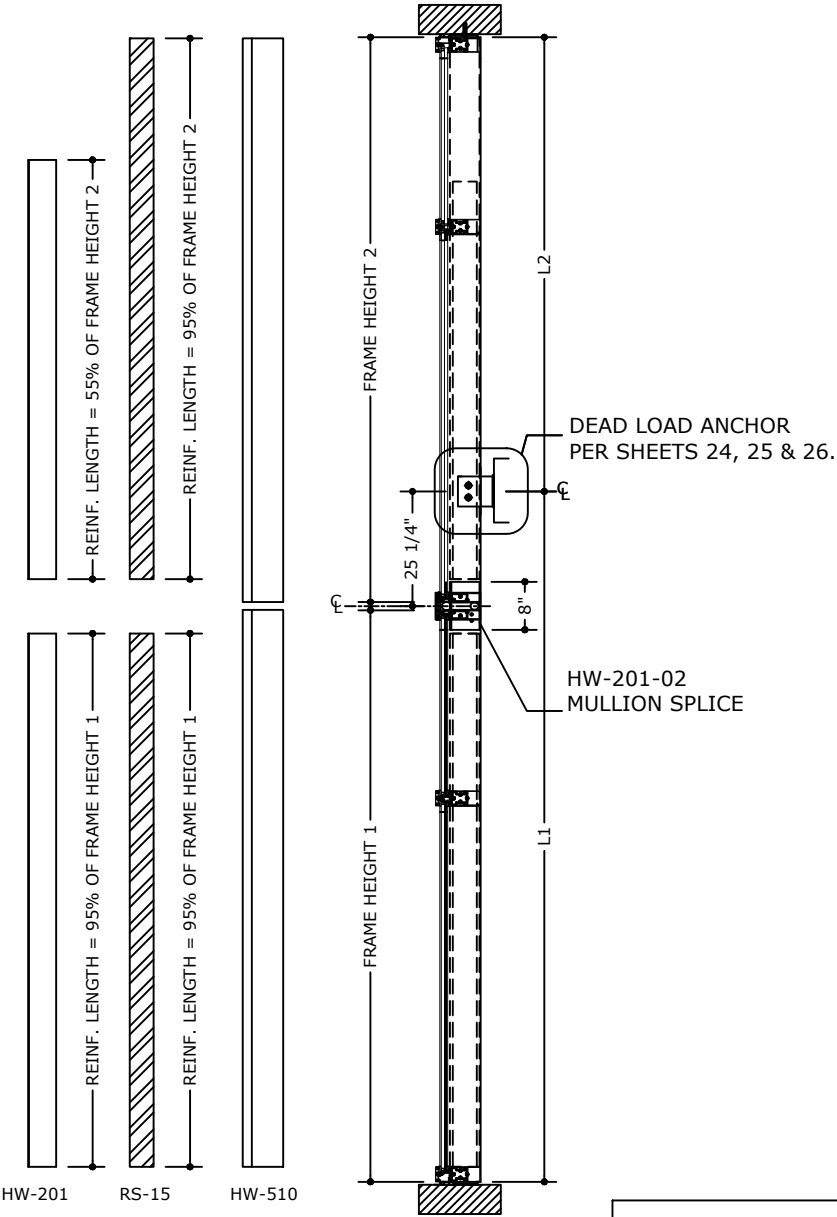


HW-500 AT JAMB MULLION
HW-240 AT CORNER MULLION

SIDE VIEW FOR: TJ1 TCM1



SIDE VIEW FOR: TM1 TDJ1



SIDE VIEW FOR: TM2

NOTE: REFER TO 4/30
AND 4.1/30 FOR
REINFORCEMENT
LOCATION

NOTE: CONTINUOUS
REINFORCEMENT AS
SHOWN

NOTE:
L1+ L2 SHALL NOT
EXCEED 325" IN LENGTH

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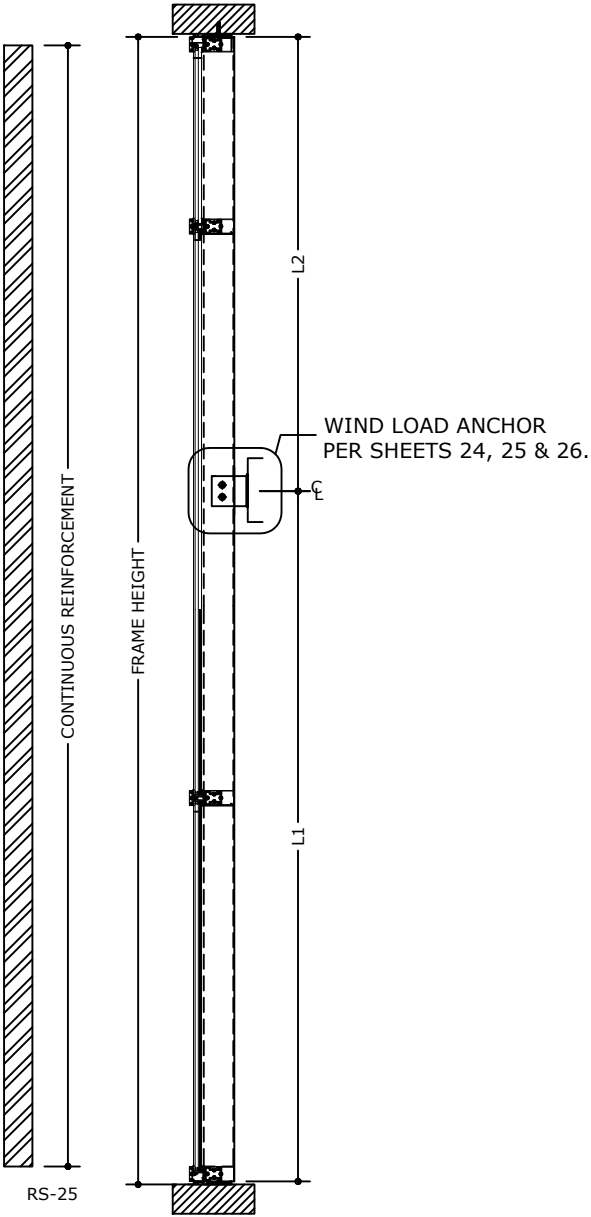
16

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

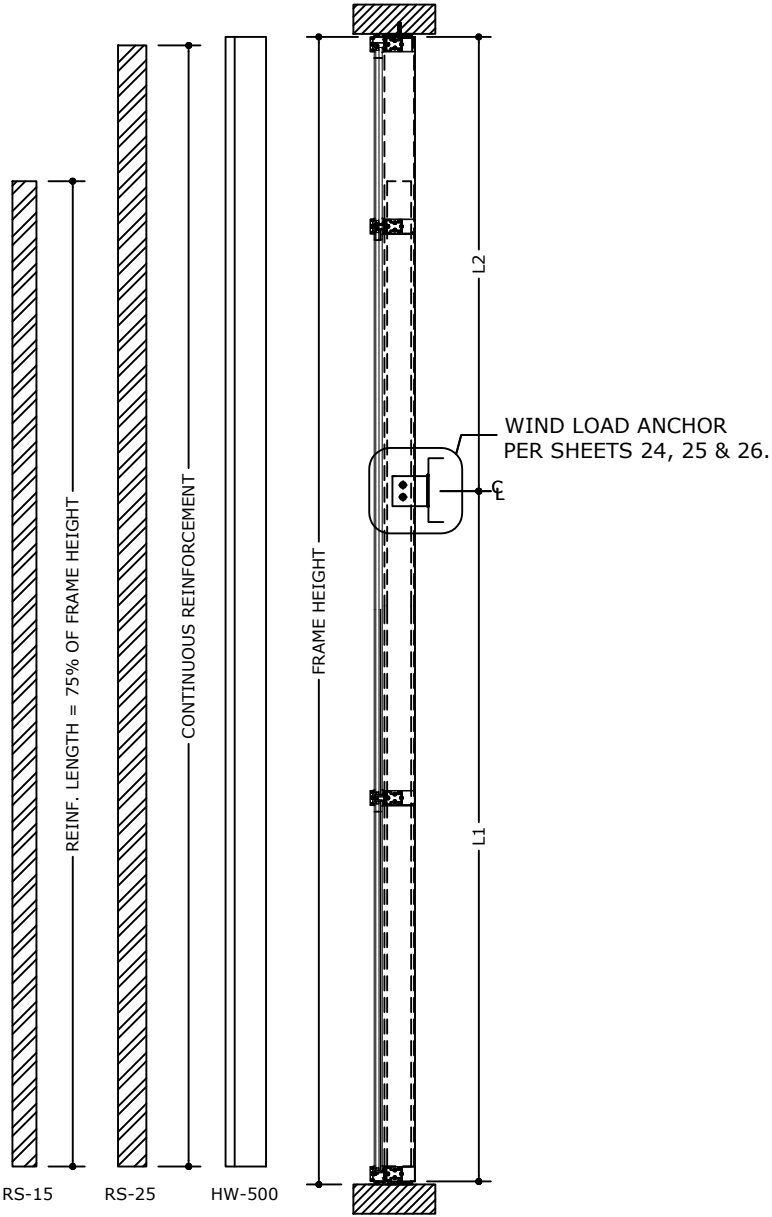
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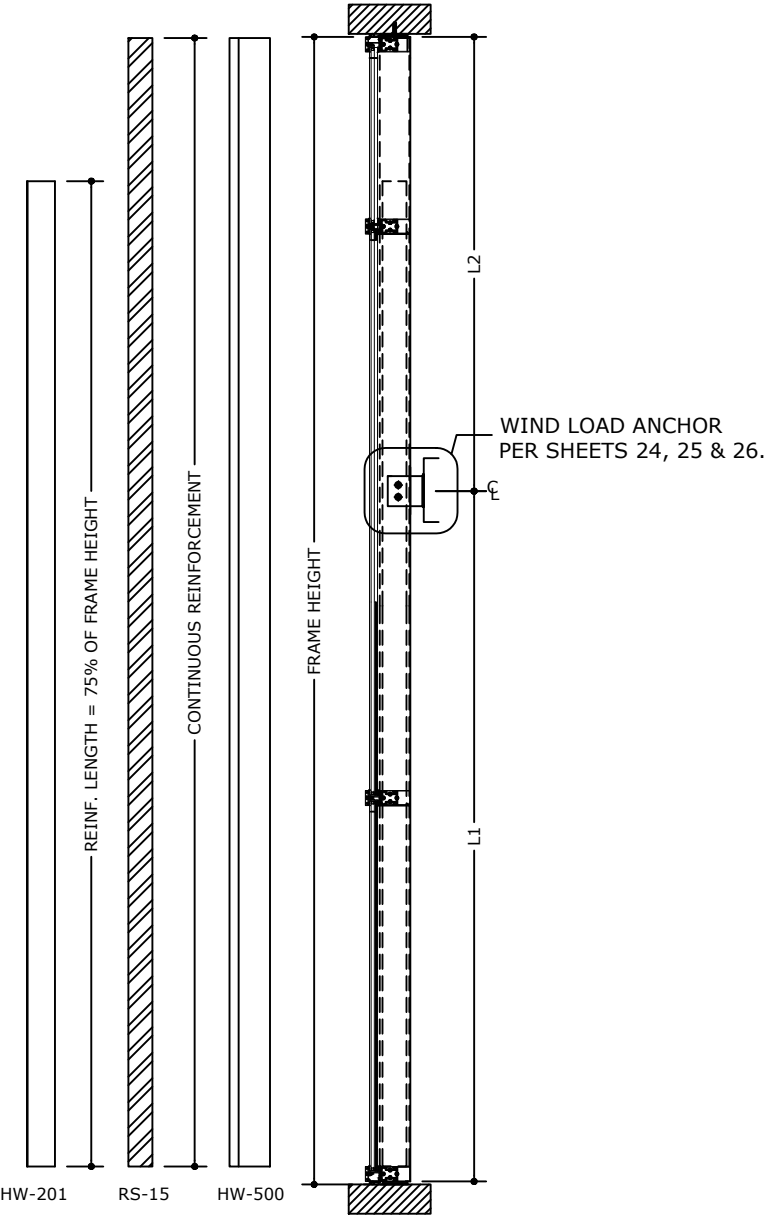


HW-500 AT JAMB MULLION
HW-240 AT CORNER MULLION

SIDE VIEW FOR: TJ1 TCM1



SIDE VIEW FOR: TM1 TDJ1



SIDE VIEW FOR: TM2

NOTE: CONTINUOUS REINFORCEMENT AS SHOWN

NOTE: L1+ L2 SHALL NOT EXCEED 325" IN LENGTH

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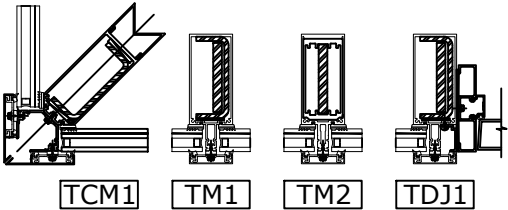
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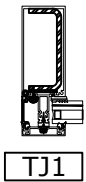
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD MULLIONS
TWIN SPAN WITH SPLICED AND NON-SPLICED MULLIONS

TWIN SPAN MULLION LOADING CHART		MULLION TYPE	
		TCM1 - TM1 - TM2 - TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
96	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70
	72	70	70
102	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70
	72	70	70
108	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70
	72	70	70



MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD JAMBS
TWIN SPAN WITH SPLICED AND NON-SPLICED JAMBS

TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (In)	(+) P.S.F.	(-) P.S.F.
96	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
	44	70	70
	50	70	70
	56	70	70
	56	70	70
	56	70	70
102	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
	44	70	70
	50	70	70
	50	70	70
	50	70	70
	50	70	70
108	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
	44	70	70
	50	70	70
	50	70	70
	50	70	70
	50	70	70



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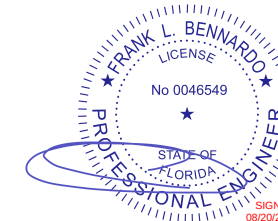
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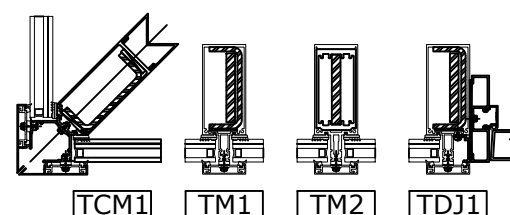
18 OF 41



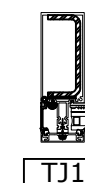
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MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD JAMBS
TWIN SPAN WITH SPLICED AND NON-SPLICED JAMBS

TWIN SPAN MULLION LOADING CHART		MULLION TYPE	
		TCM1 - TM1 - TM2 - TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
114	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
120	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
126	66	70	70
	72	70	70
	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
126	60	70	70
	66	70	70
	72	70	70
		70	70



TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
114	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
	44	70	70
120	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
	44	70	70
126	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70



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REMARKS	DRWN	CHKD	DATE
2020 FBC (19-2019)	JPC	AJP	08/13/20
20203 FBC (23-59835a)	SQ	RS	08/16/23
20206 FBC UPDATE	AE G	RS	08/10/26
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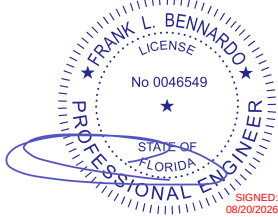
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PE# 0046549 CA# 9885



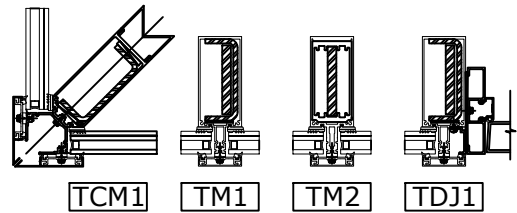
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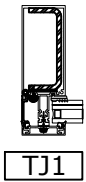
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD MULLIONS
TWIN SPAN WITH SPLICED AND NON-SPLICED MULLIONS

TWIN SPAN MULLION LOADING CHART		MULLION TYPE	
		TCM1 - TM1 - TM2 - TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
132	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70
138	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70
144	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
	72	70	70



MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD JAMBS
TWIN SPAN WITH SPLICED AND NON-SPLICED JAMBS

TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (In)	(+) P.S.F.	(-) P.S.F.
132	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
	38	70	70
138	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
144	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70



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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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OF 41

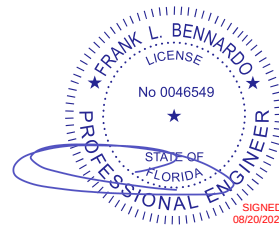
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD MULLIONS

TWIN SPAN WITH SPLICED AND NON-SPLICED MULLIONS

MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR
STANDARD JAMBS

TWIN SPAN WITH SPLICED AND NON-SPLICED JAMBS

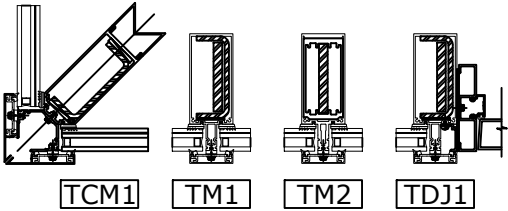
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PE# 0046549 CA# 9885



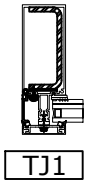
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TWIN SPAN MULLION LOADING CHART		MULLION TYPE	
		TCM1 - TM1 - TM2 - TDJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
150	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
156	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
162	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
168	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70
175-1/2	24	70	70
	30	70	70
	36	70	70
	42	70	70
	48	70	70
	54	70	70
	60	70	70
	66	70	70



TWIN SPAN JAMB LOADING CHART		JAMB TYPE	
		TJ1	
SPAN (L) (in)	TRIBUTARY WIDTH (in)	(+) P.S.F.	(-) P.S.F.
150	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
156	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
162	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
168	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/2	70	70
175-1/2	8	70	70
	12	70	70
	16	70	70
	20	70	70
	25-1/2	70	70
	31-1/4	70	70



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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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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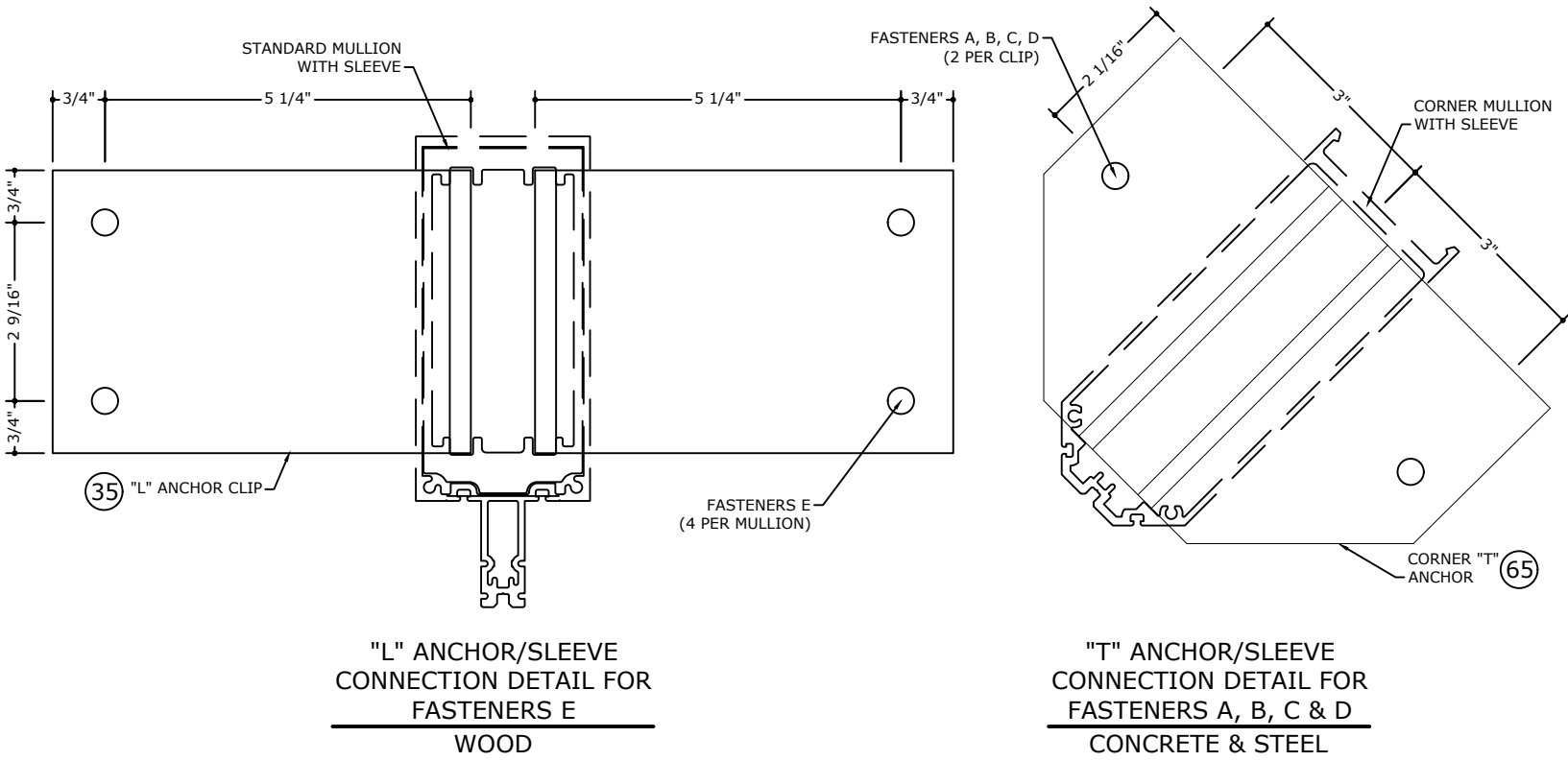
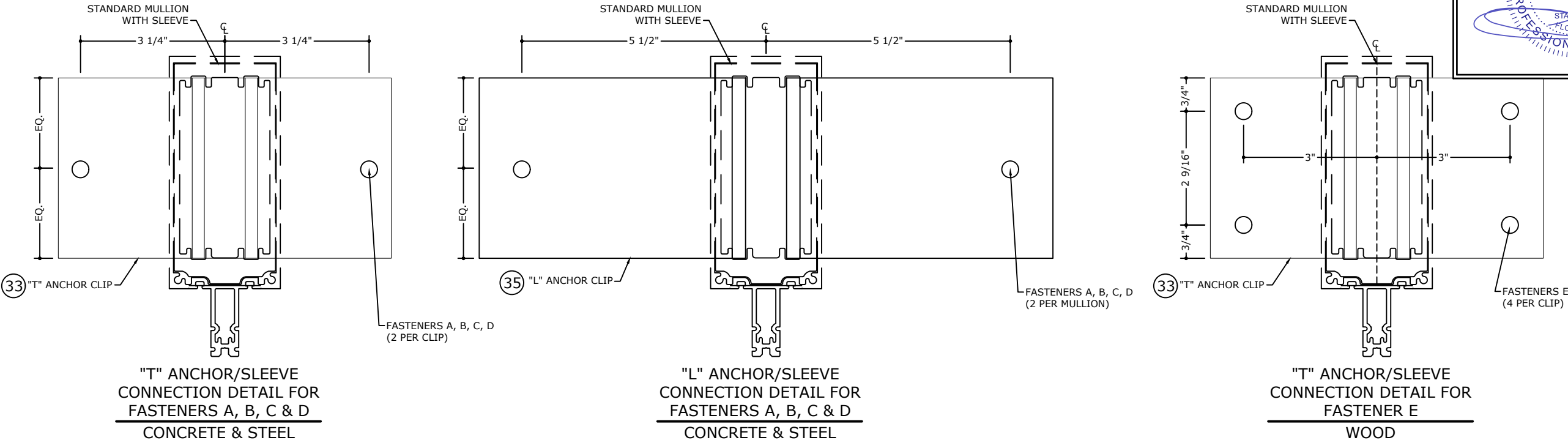
SCALE: NTS UNLESS NOTED

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

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

FL

AUGUST 10, 2026



FASTENER TYPES

- A - 1/2" Ø HILTI KWIK BOLT TZ ANCHOR WITH 3 1/4" MIN. EMBEDMENT INTO 8" MIN. THICK POURED CONCRETE (MIN. f'c=3 ksi.) BEYOND ANY FINISH MATERIAL WITH 6" MIN. EDGE DISTANCE.

B - 1/2" Ø HILTI KWIK BOLT TZ ANCHOR WITH 3 1/4" MIN. EMBEDMENT INTO 6" MIN. THICK POURED CONCRETE (MIN. f'c=3 ksi.) BEYOND ANY FINISH MATERIAL WITH 7 1/2" MIN. EDGE DISTANCE.

C - 1/2" Ø 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 3/4" MIN. EDGE DISTANCE.

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.

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.**

70 P.S.F. MAX.**

70 P.S.F. MAX.**

70 P.S.F. MAX.**

70 P.S.F. MAX. REFER TO LOADING CHART ON SHEET 23

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

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2026 FBC UPDATE	AEG	RS	08/10/26

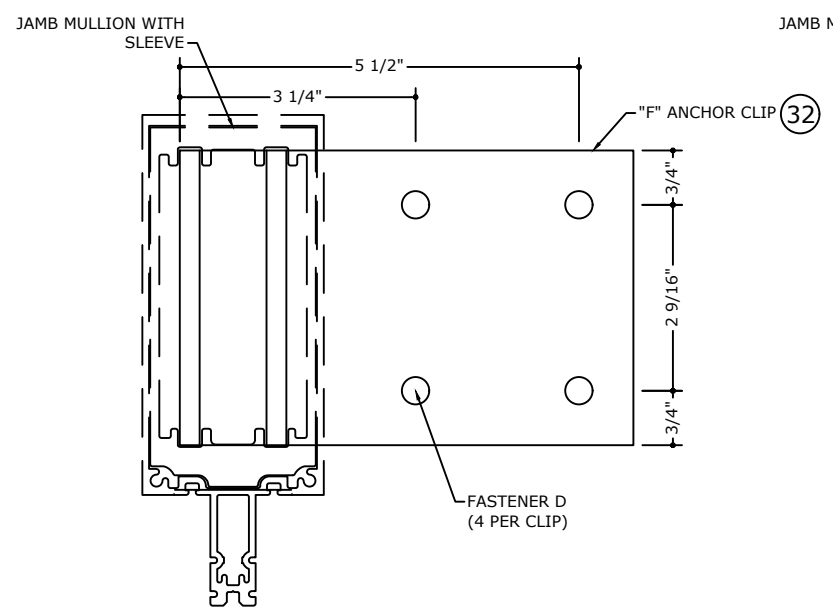
SINGLE & TWIN SPAN HEAD & SILL JAMB OR DOOR JAMB MULLION CONNECTIONS

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

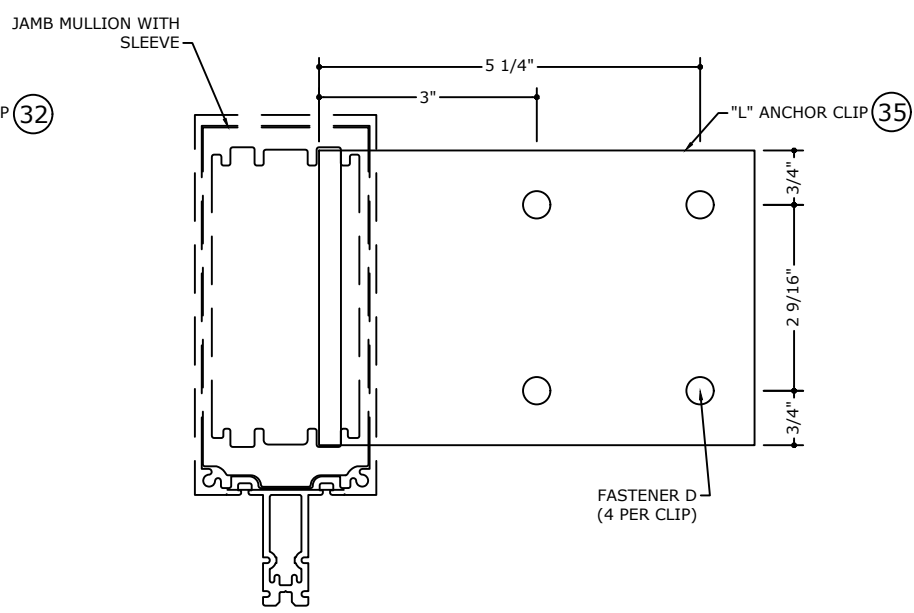
FRANK L. BENNARDO
LICENSE
No 0046549
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SIGNED: 08/20/2026

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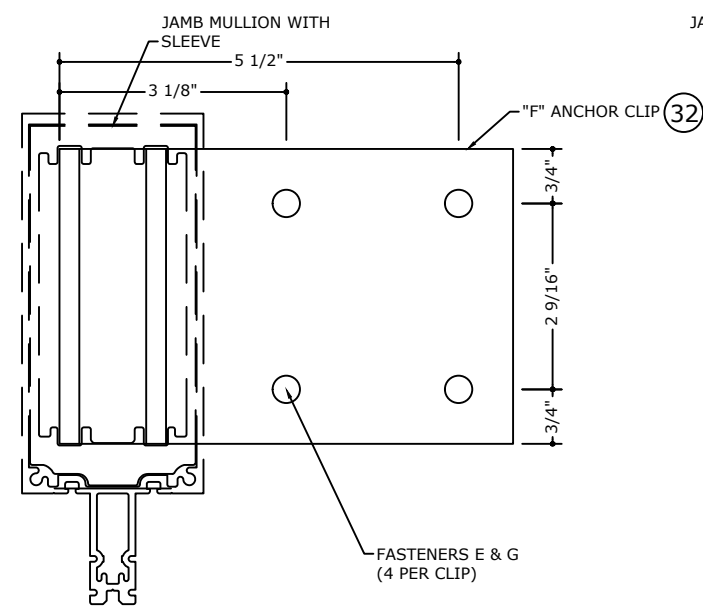
AUGUST 10, 2026



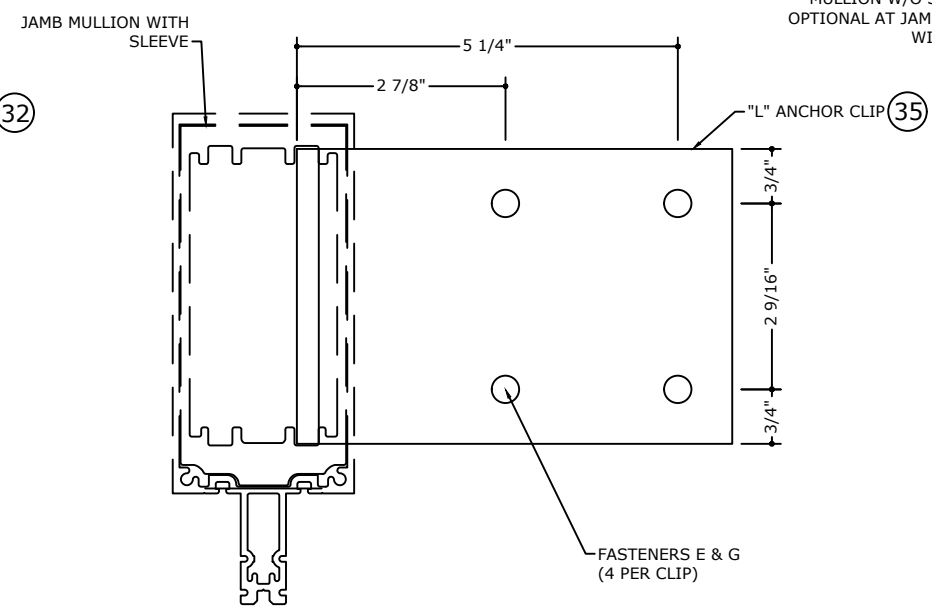
"F" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS D
STEEL



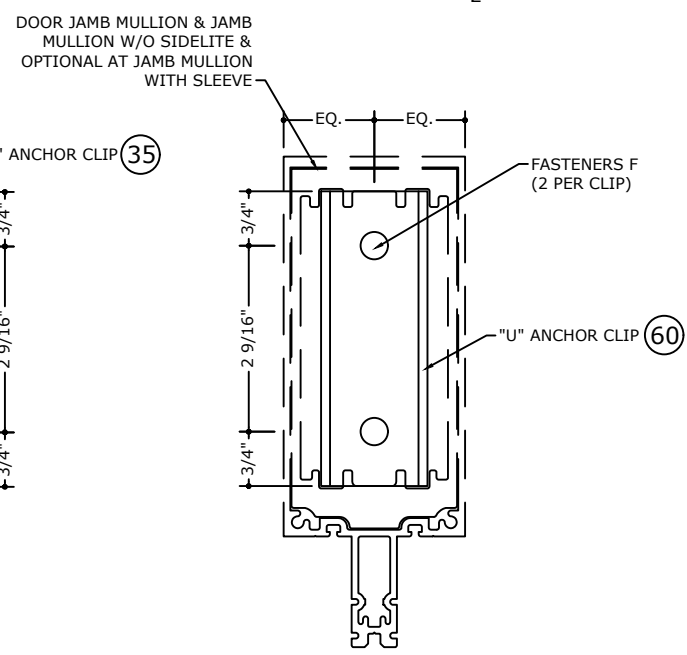
"L" ANCHOR/SLEEVE
CONNECTION DETAIL FOR
FASTENERS D
STEEL



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



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



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

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.
- 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.
- 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.
- 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.
- 70 P.S.F. MAX.**
- 70 P.S.F. MAX. REFER TO LOADING CHART ON SHEET 23
- 70 P.S.F. MAX.**
- 70 P.S.F. MAX.**

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

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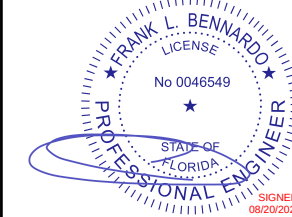
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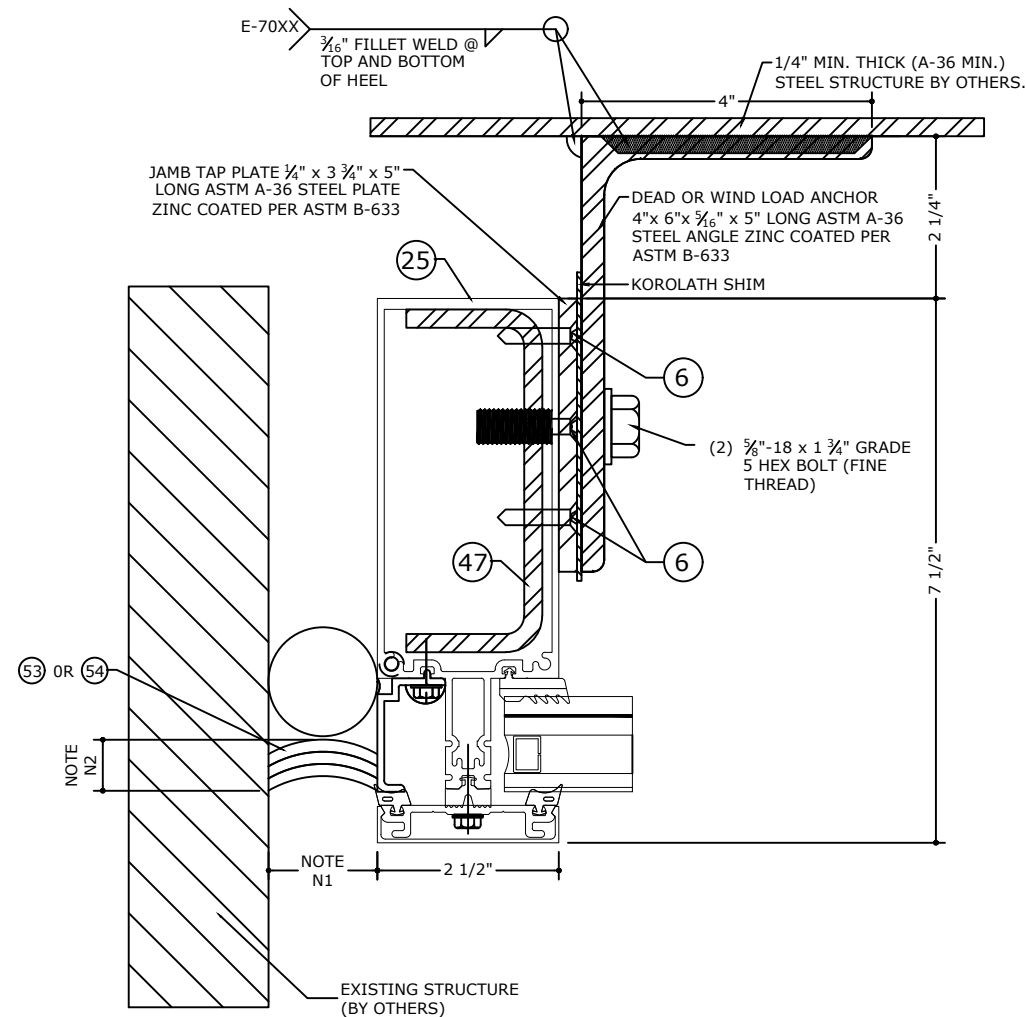
26-101737

SCALE: NTS UNLESS NOTED

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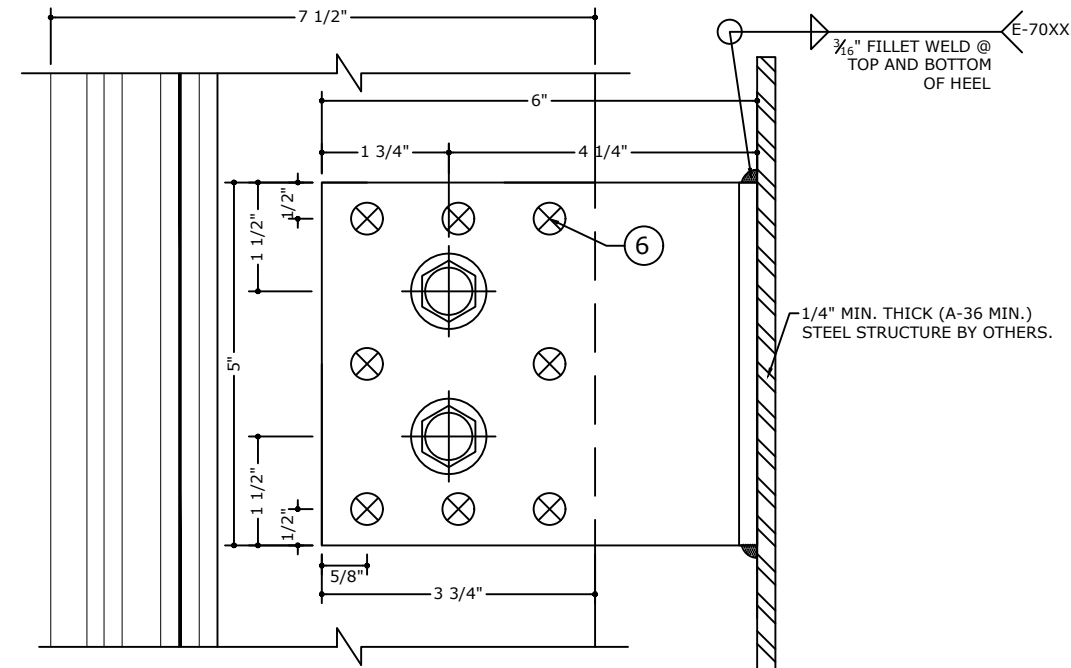


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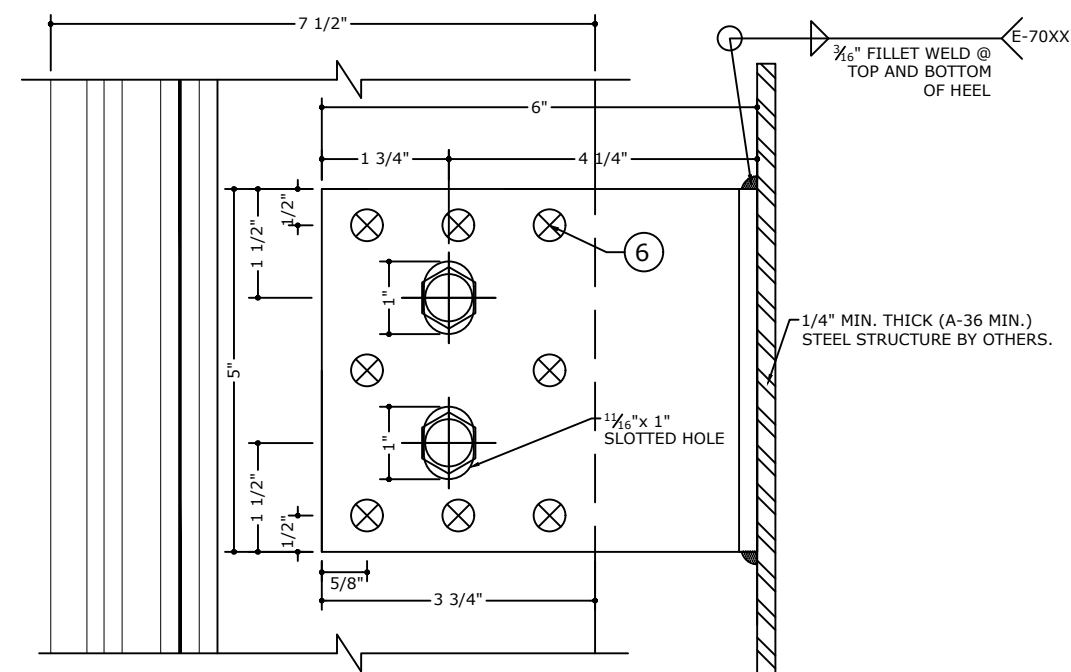
MID ANCHOR AT JAMB DETAIL

SCALE: 6" = 1'-0" (TOP VIEW)



DEAD LOAD ANCHOR AT JAMB DETAIL

SCALE: 6" = 1'-0" (SIDE VIEW)



WIND LOAD ANCHOR AT JAMB DETAIL

SCALE: 6" = 1'-0" (SIDE 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.

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25 41

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

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1/4" MIN. THICK (A-36 MIN.) STEEL STRUCTURE BY OTHERS.

3/16" FILLET WELD @ TOP AND BOTTOM OF HEEL

E-70XX

DEAD OR WIND LOAD ANCHOR
4"x 9.314"x 5/16" x 5" LONG
ASTM A-36 STEEL ANGLE ZINC COATED PER ASTM B-633 (TYP. EACH SIDE)

(2) 5/8"-18x 4 1/2" GRADE 5 HEX BOLT WITH NUT & WASHER

9 1/4"

4"

1 3/4"

4"

16

19

20

21

47

41

50

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

9 5/8"

1 3/4"

7 7/8"

1 1/2"

5"

1 1/2"

4 1/2"

3/16" FILLET WELD @ TOP AND BOTTOM OF HEEL

E-70XX

1/4" MIN. THICK (A-36 MIN.) STEEL STRUCTURE BY OTHERS.

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

10"

9 5/8"

1 3/4"

7 7/8"

1 1/2"

5"

1 1/2"

4 1/2"

3/16" FILLET WELD @ TOP AND BOTTOM OF HEEL

E-70XX

1/4" MIN. THICK (A-36 MIN.) STEEL STRUCTURE BY OTHERS.

1 1/8"x 1" SLOTTED HOLE

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

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HEAD CONNECTION DETAILS

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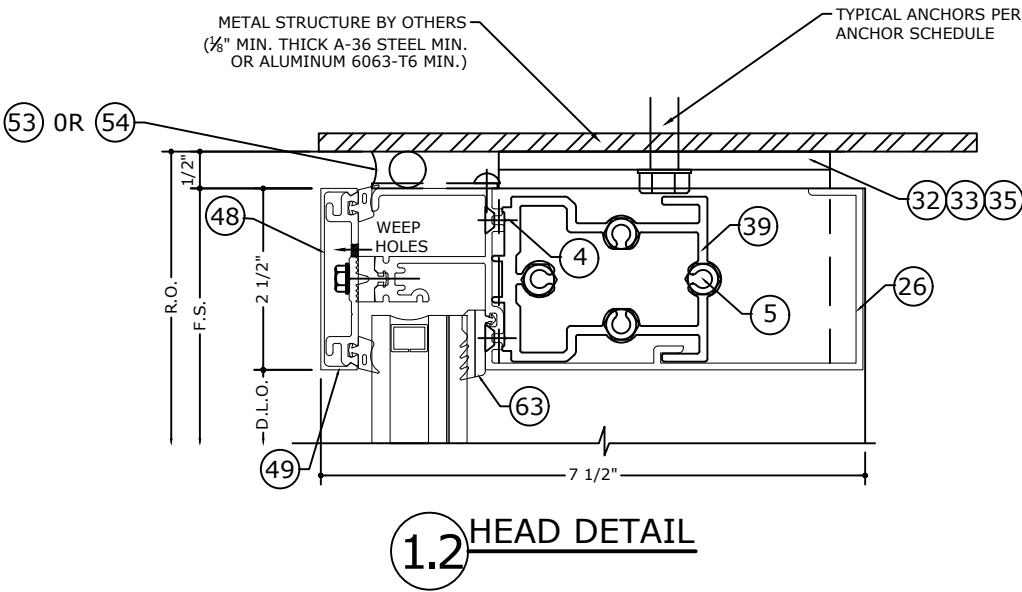
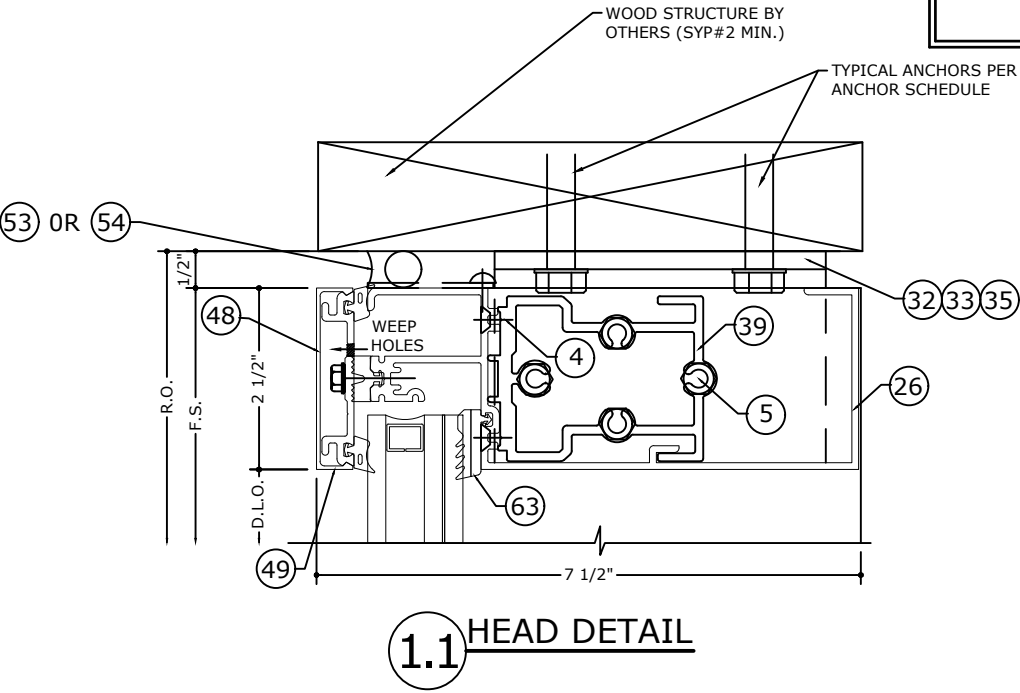
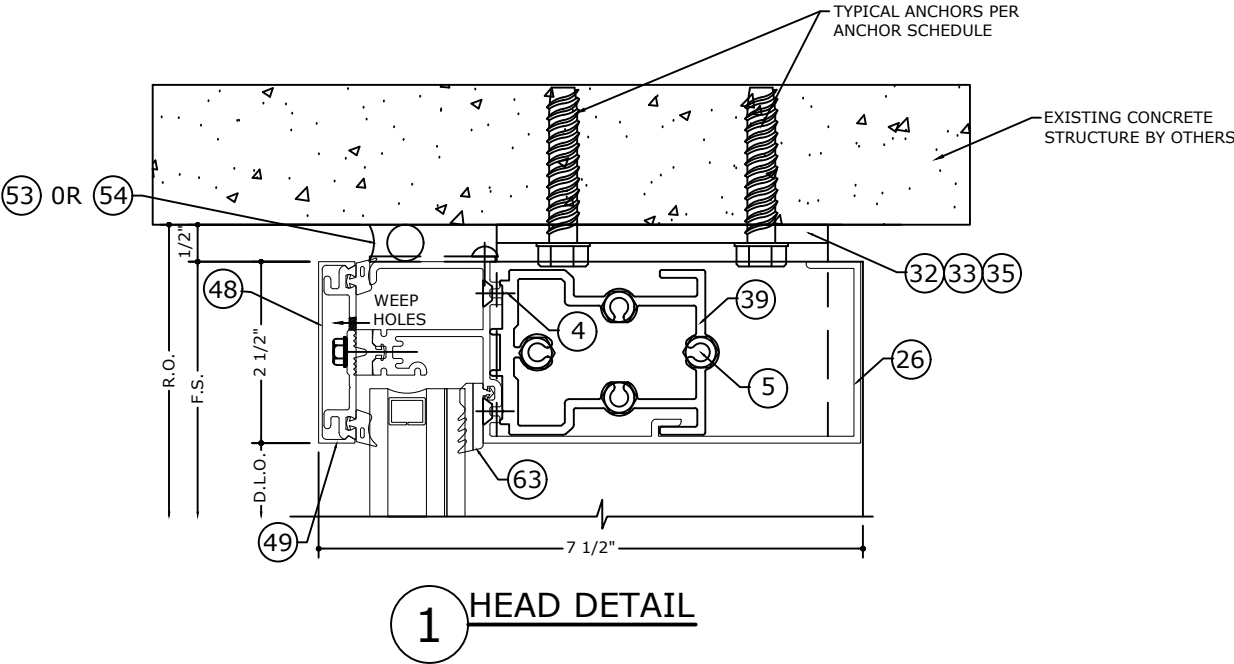
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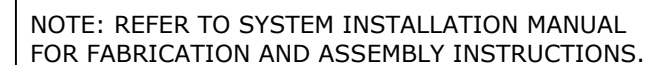


NOTE: REFER TO SYSTEM INSTALLATION MANUAL FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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HORIZONTAL CONNECTION DETAILS

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

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

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

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

3.4 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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EXPANSION HORIZONTAL CONNECTION DETAILS

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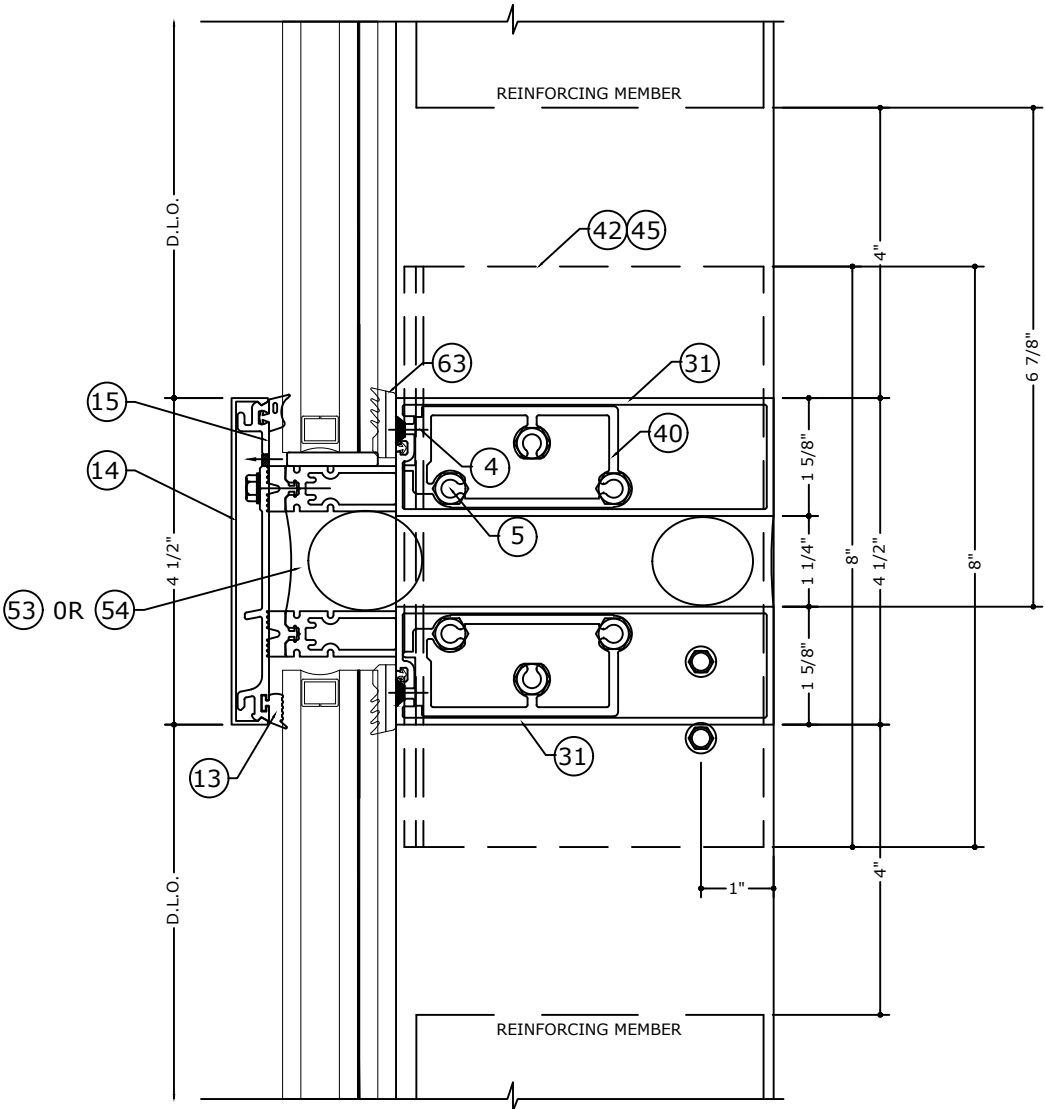
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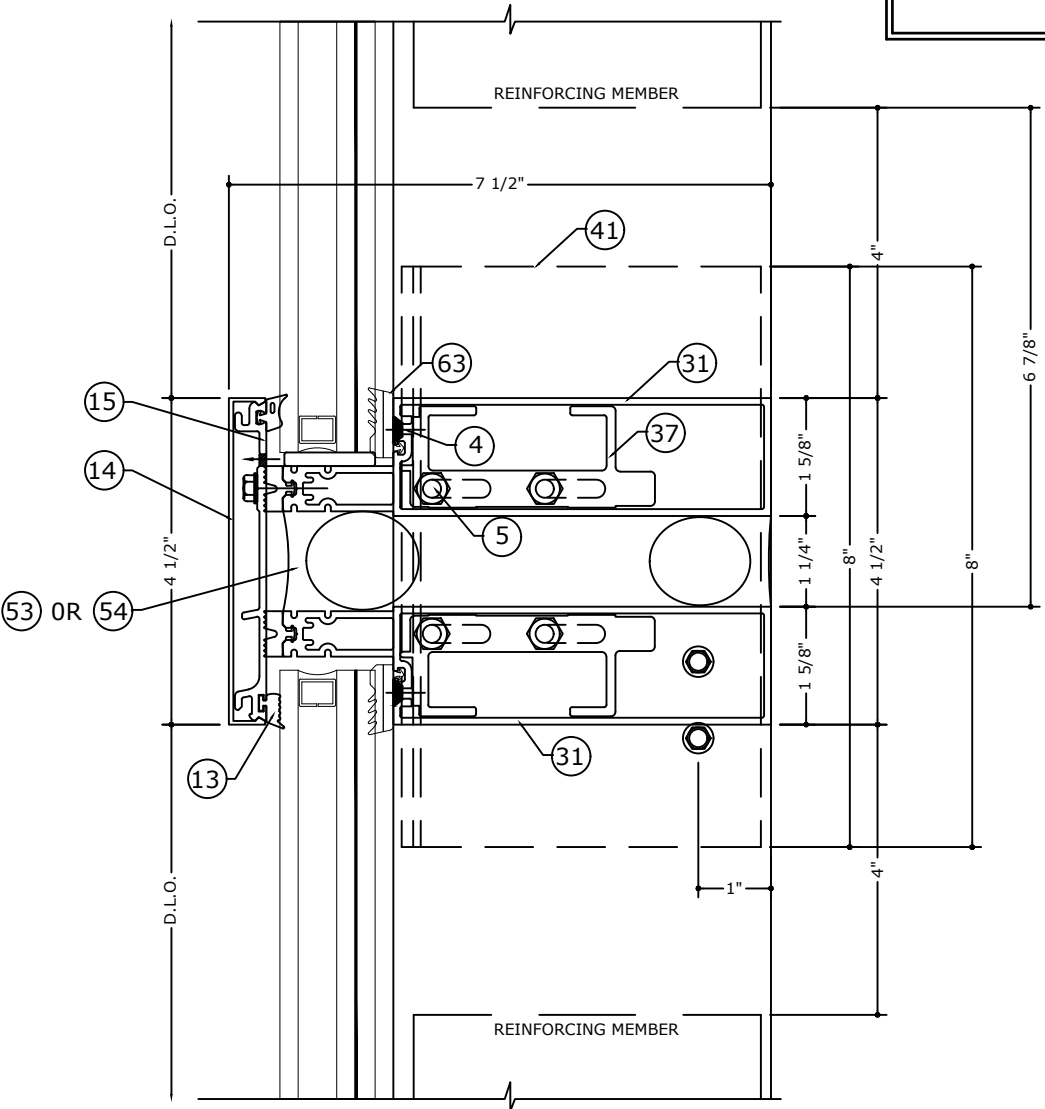
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4 EXPANSION HORIZONTAL CONNECTION
DETAIL AT STANDARD OR JAMB MULLION
SCALE: 6" = 1'-0"



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

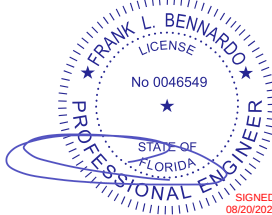
NOTE: REFER TO SYSTEM ELEVATION ON PAGE 02
FOR LENGTH LIMITATIONS ON HORIZONTAL
MULLIONS.

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

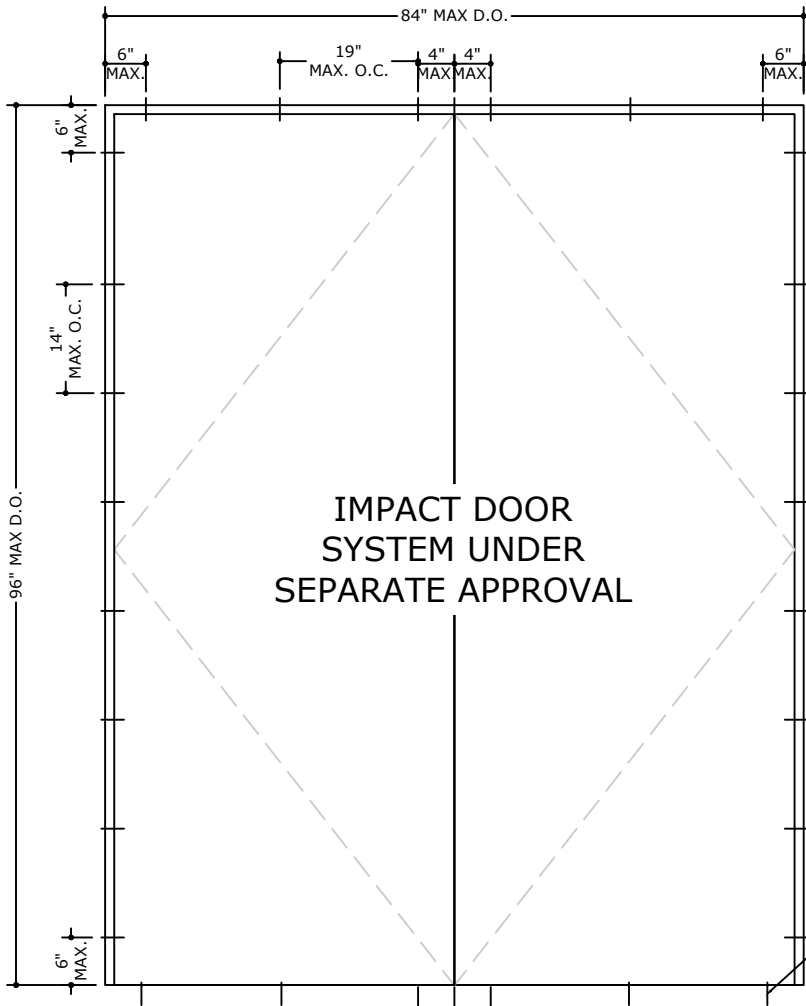
DOOR JAMB CONNECTION TO CURTAIN WALL VERTICALS

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AUGUST 10, 2026



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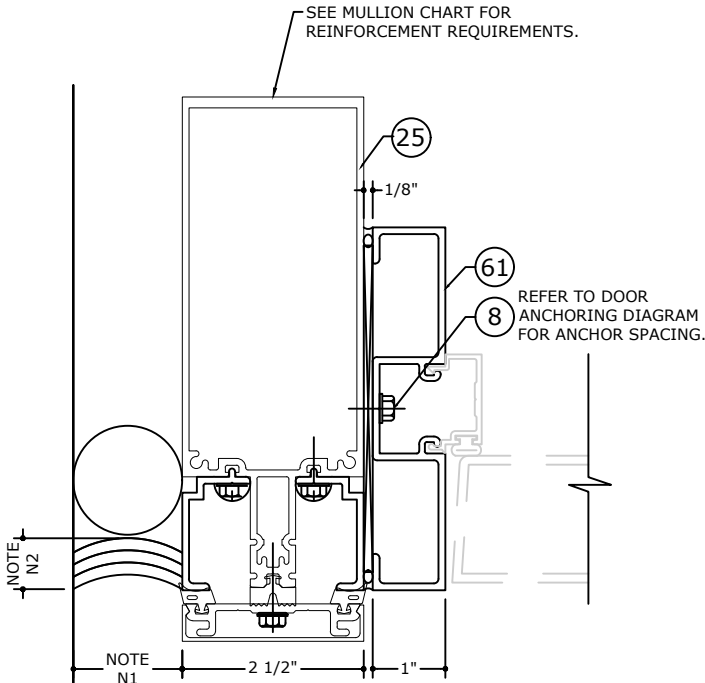
IMPACT DOOR
SYSTEM UNDER
SEPARATE APPROVAL

LOCATIONS FOR DOOR FRAME ATTACHMENTS
ABOVE DIMENSIONS ARE MAXIMUM SIZES TESTED

SEALANT JOINT NOTES

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

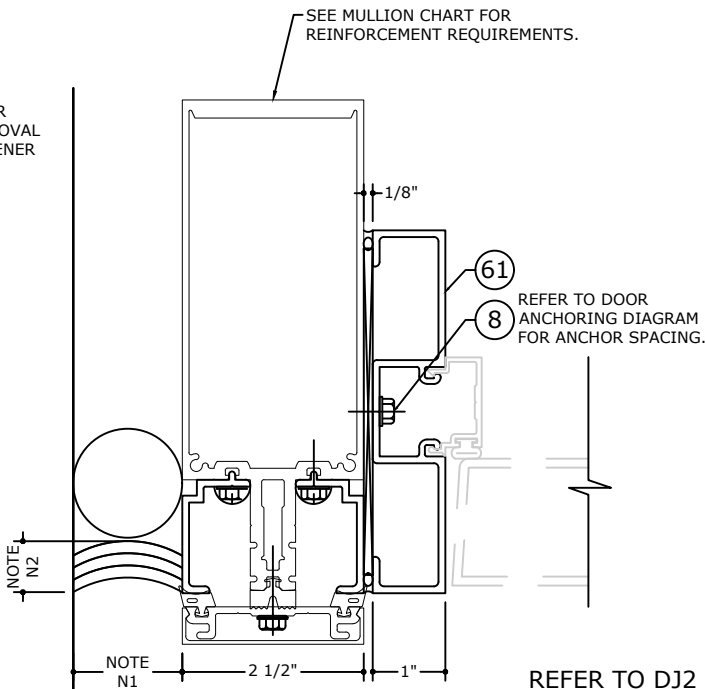
N2: 1/4" MIN. & 3/8" MAX. DEPTH JOINT
WITH 1/4" DEPTH AT MIDWIDTH OF
JOINT WITH SEALANT (28) OR (30)



8 STANDARD MULLION DOOR JAMB NO SIDELITE CONDITION

SCALE: 6" = 1'-0"

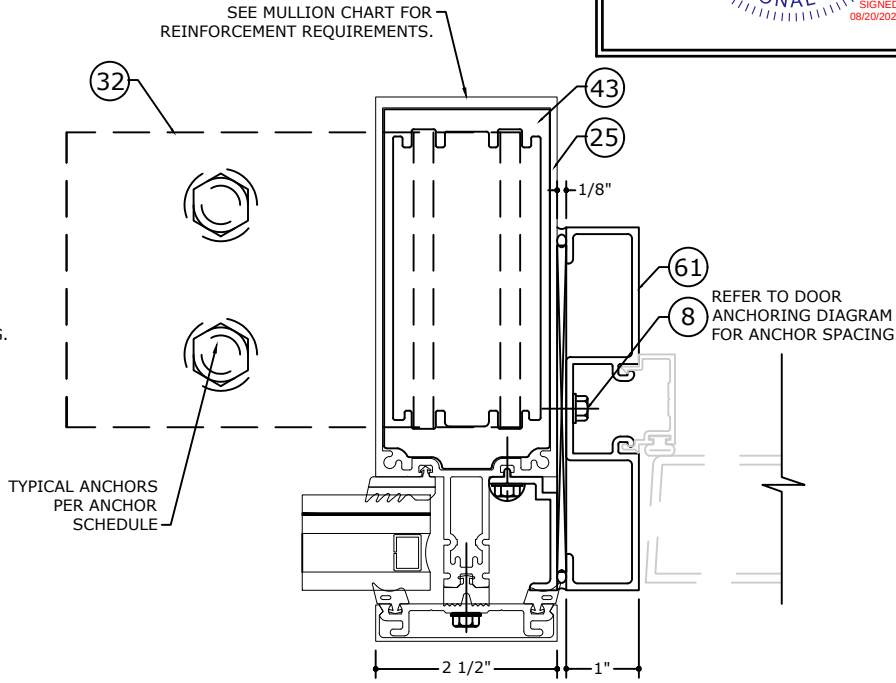
REFER TO DJ1, DJ3, DJ4 & DJ5
ON PAGE 7 AND TDJ1 ON PAGE
15 FOR STEEL REINFORCEMENT.



8.2 HEAVY MULLION DOOR JAMB NO SIDELITE CONDITION

SCALE: 6" = 1'-0"

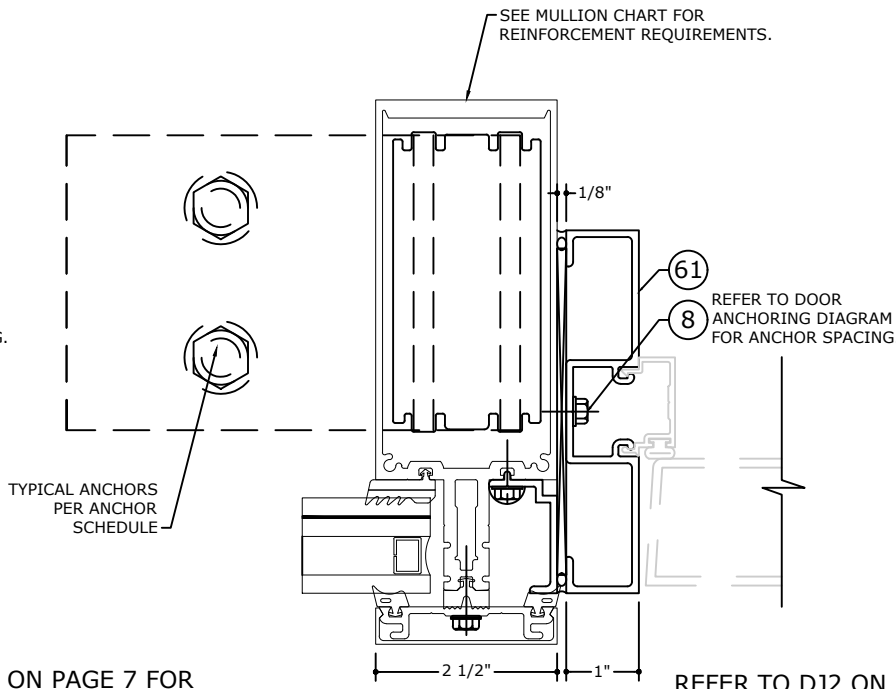
REFER TO DJ2 ON PAGE 7 FOR
STEEL REINFORCEMENT.



8.1 STANDARD MULLION DOOR JAMB WITH SIDELITE DETAIL

SCALE: 6" = 1'-0"

REFER TO DJ1, DJ3, DJ4 & DJ5
ON PAGE 7 AND TDJ1 ON PAGE
15 FOR STEEL REINFORCEMENT.



8.3 HEAVY MULLION DOOR JAMB MULLION WITH SIDELITE DETAIL

SCALE: 6" = 1'-0"

REFER TO DJ2 ON PAGE 7 FOR
STEEL REINFORCEMENT.

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JAMB AND STANDARD MULLION SPLICE DETAILS
AT TWIN SPAN (PLAN)

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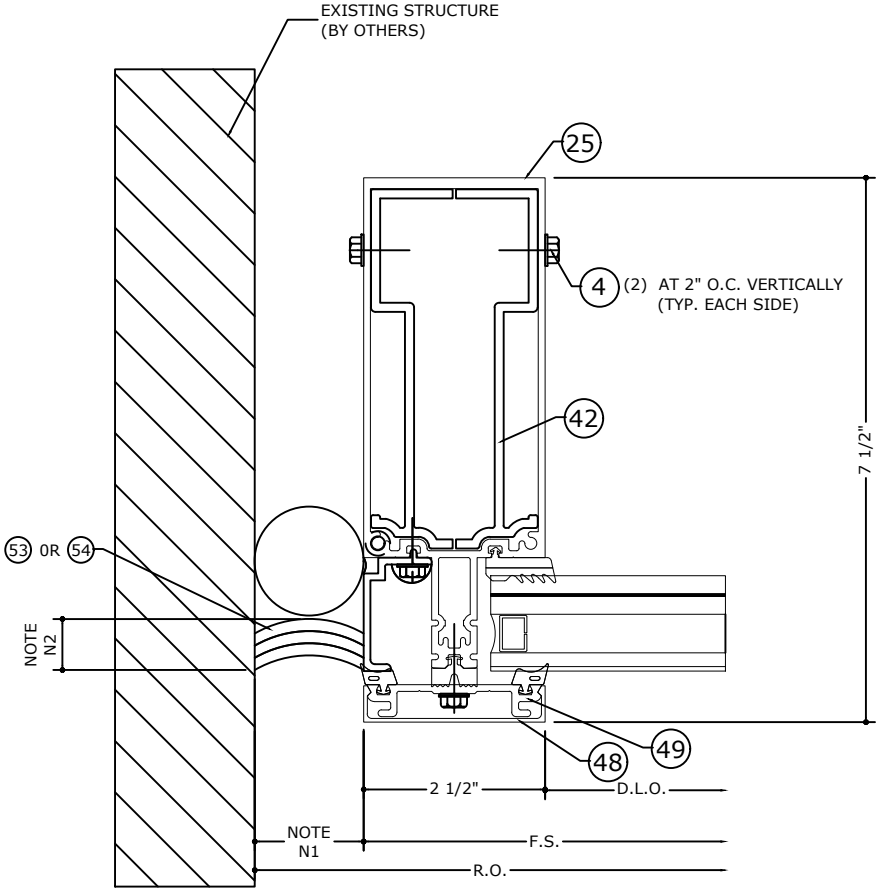
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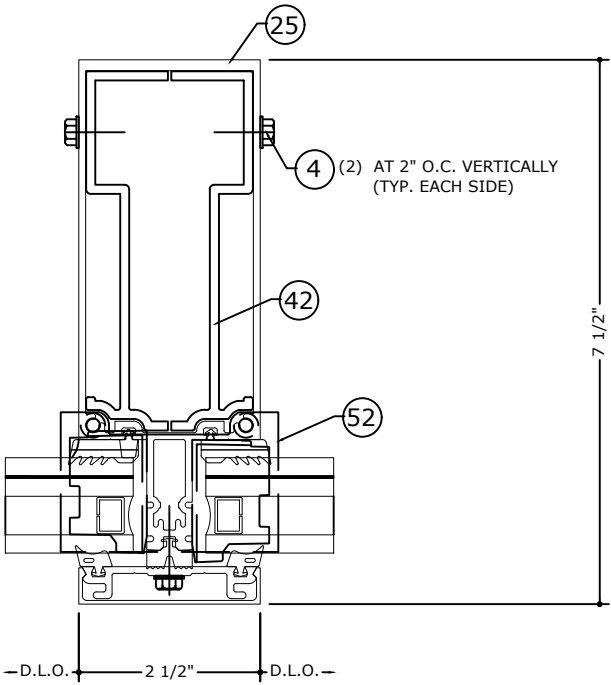
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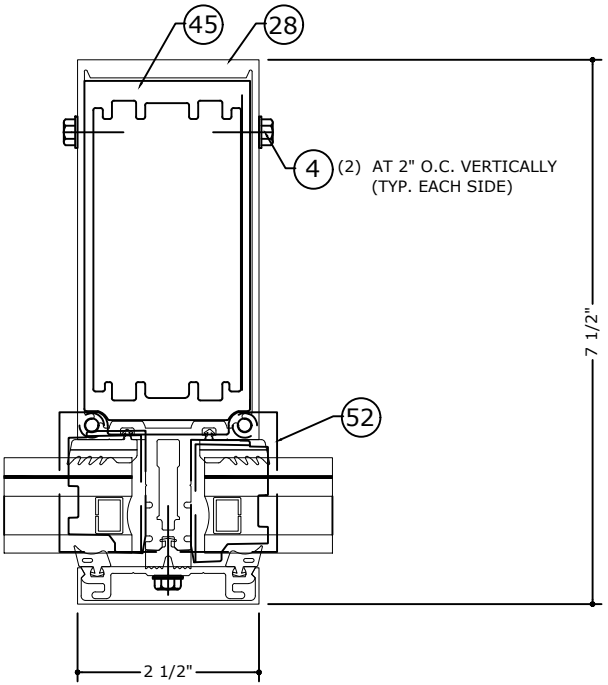
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2023 FBC (23-59835a)	SQ	RS	08/16/23
2026 FBC UPDATE	AEG	RS	08/10/26



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



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



HEAVY 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)

ZONE PLUG INSTALLATION

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PE# 0046549 CA# 9885

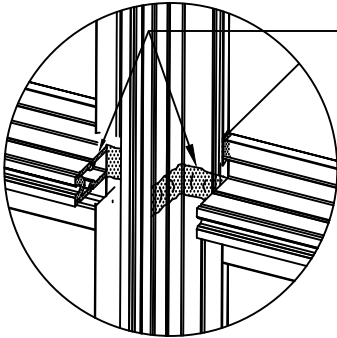
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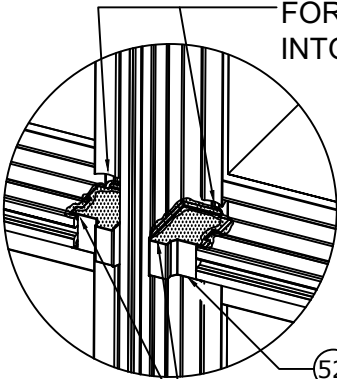
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STEP 1



SEAL ALONG TONGUE OF HORIZONTAL & ACROSS FACE AND TONGUE OF MULLION BEFORE INSTALLING WW-352 ZONE PLUGS.

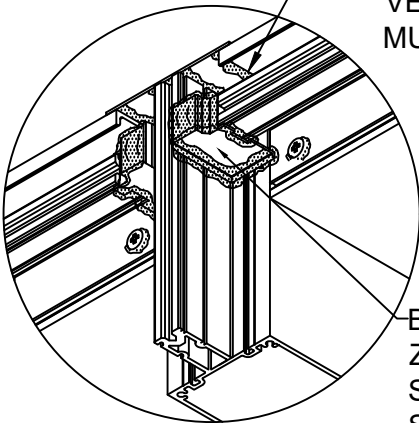
STEP 2



FORCE SEALANT INTO GASKET RACE

52 WW-352 ZONE PLUG

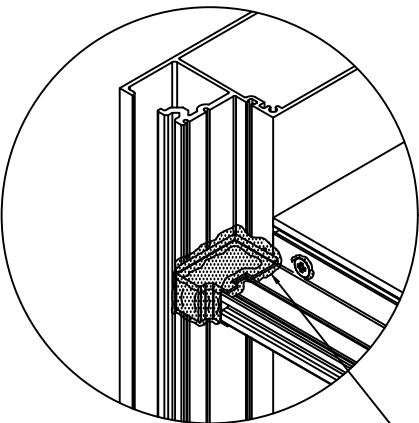
TOOL SEALANT ALONG TOP OF ZONE PLUG TO FORM A WATER TIGHT SEAL.



SEAL BETWEEN HEAD, VERTICAL MULLION AND MULLION CAP

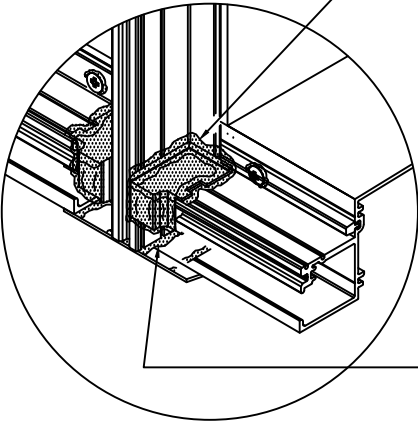
BOTTOM SIDE OF ZONE PLUG SHOWN. SEAL TOP SIDE SIMILAR.

ZONE PLUG AT HEAD



SEAL JAMB & SILL ZONE PLUGS SAME AS SHOWN AT LEFT

ZONE PLUG AT JAMB



SEAL JAMB & SILL ZONE PLUGS SAME AS SHOWN AT LEFT

SEAL BETWEEN SILL, VERTICAL & MULLION CAP

ZONE PLUG AT SILL

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

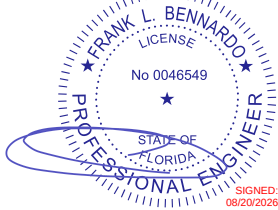
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PRESSURE PLATE AND FACE CAP INSTALLATION

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AUGUST 10, 2026

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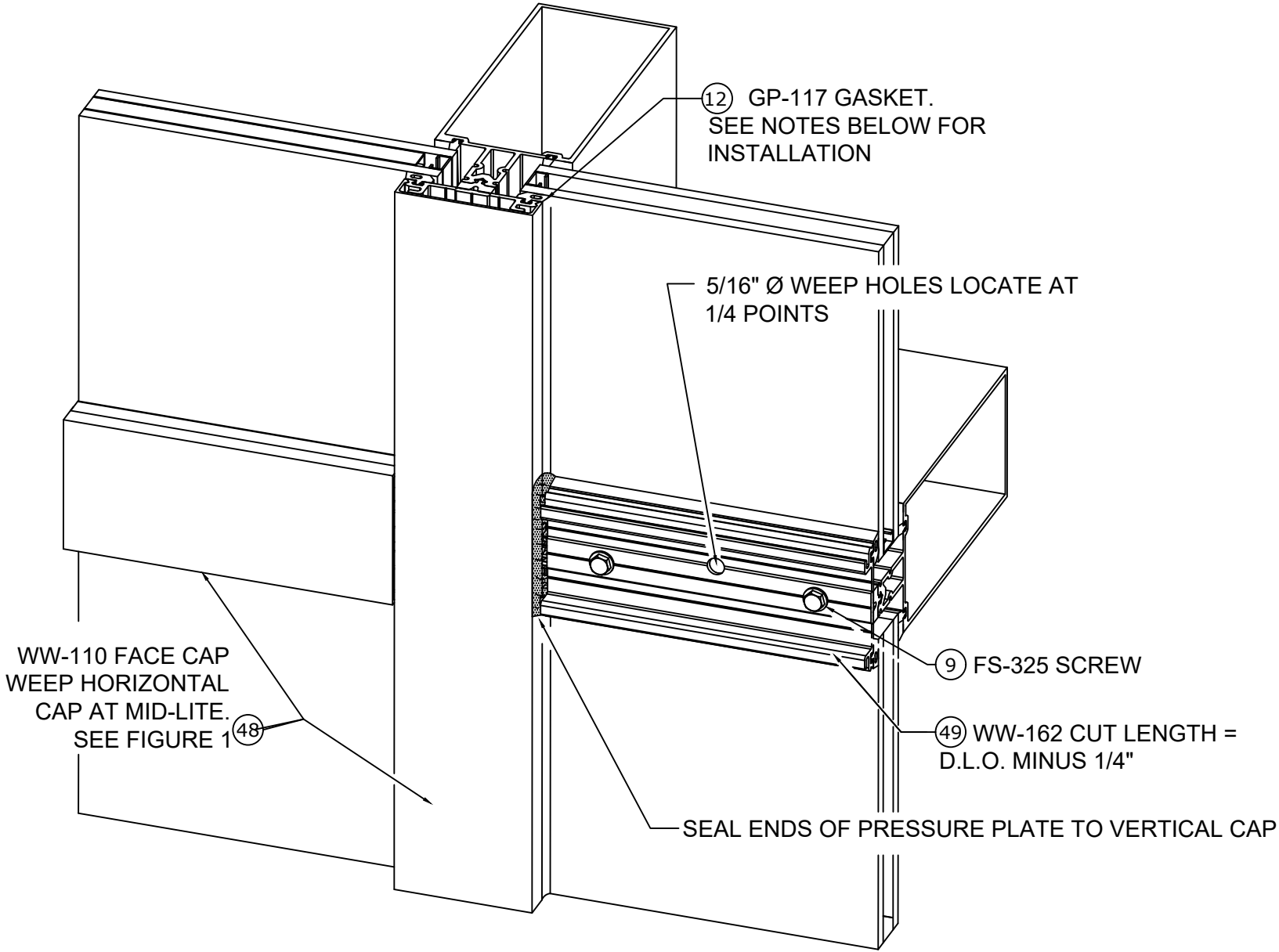
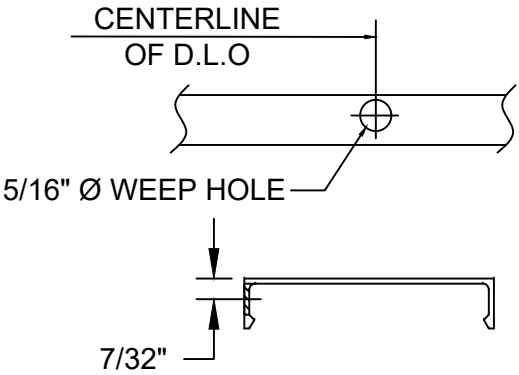


FIGURE 1
GLAZING INSTRUCTIONS
HORIZONTAL FACE CAP FABRICATION



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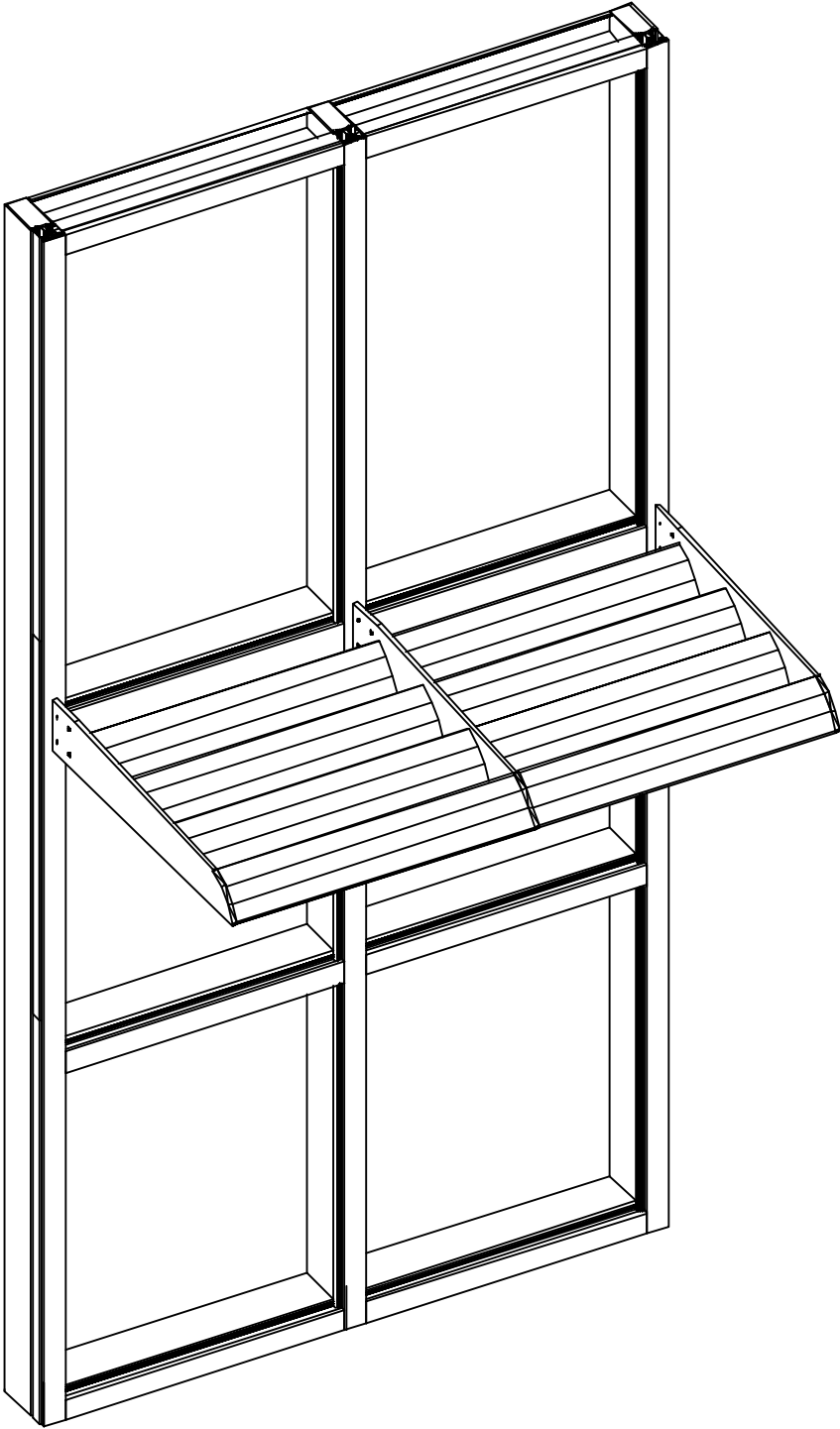
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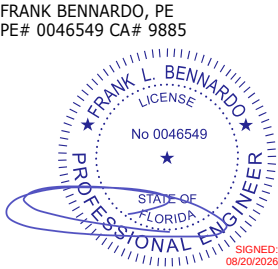
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SUNSHADE OPTION



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



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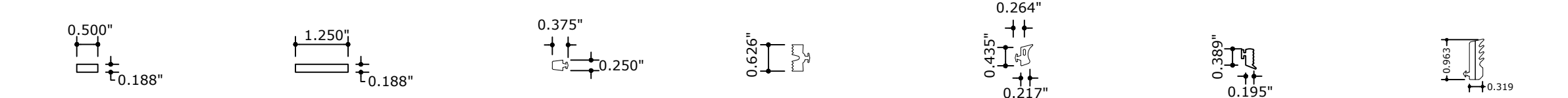
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1 CW-2101
SETTING BLOCK
(L.M.)

2 CW-2102
SETTING BLOCK
(L.M.)

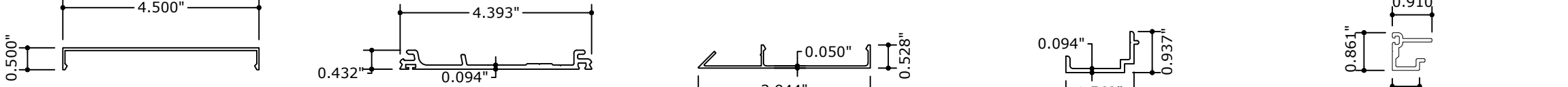
3 FG-5185S GASKET
(L.M.)

11 GP-107 ISOLATOR
(L.M.)

12 GP-117 GASKET
(L.M.)

13 GP-160 GASKET
(L.M.)

63 GP-1015 GASKET
(L.M.)



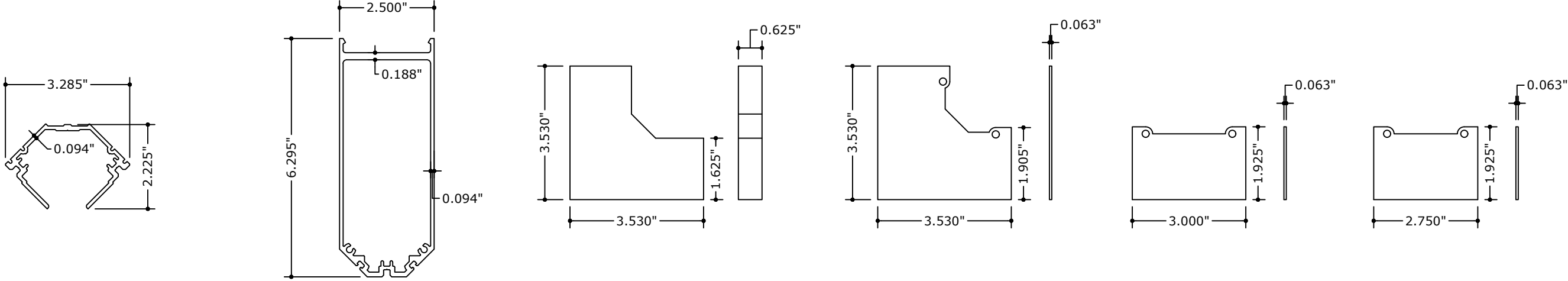
14 HW-100 FACE CAP
(L.M.)

15 HW-102 PRESSURE PLATE
(L.M.)

16 HW-115 FACE CAP
(L.M.)

17 HW-122 FILLER
(L.M.)

18 HW-130 GLAZING ADAPTOR
(L.M.)



19 HW-132 CORNER
PRESSURE PLATE
(L.M.)

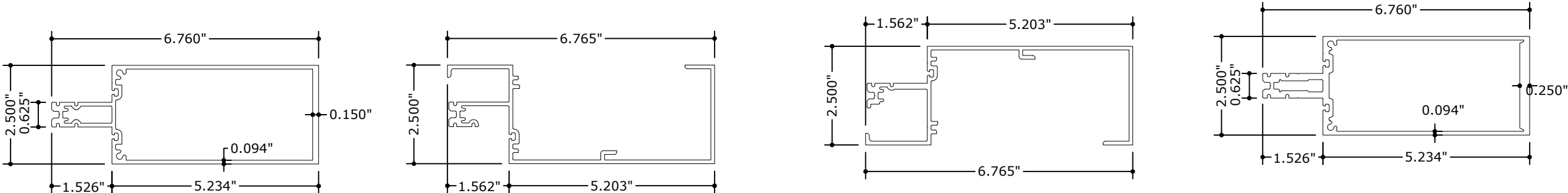
20 HW-240 CORNER MULLION
(L.M.)

21 HW-312 CORNER BRIDGE
(L.M.)

22 HW-323 CORNER MULL
CAP (L.M.)

23 HW-325 MULL CAP
(L.M.)

24 HW-338 JAMB CAP
(L.M.)



25 HW-500 MULLION
(L.M.)

26 HW-501 HEAD
(L.M.)

27 HW-502 SILL
(L.M.)

28 HW-510 HEAVY MULLION
(L.M.)

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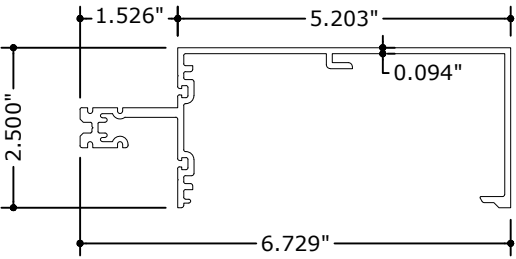
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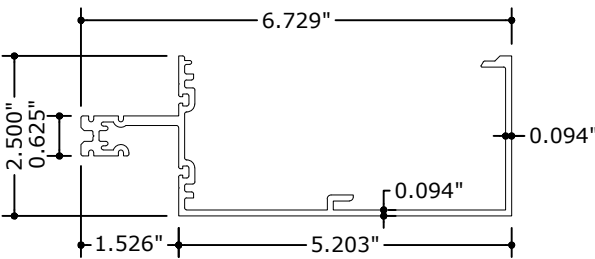
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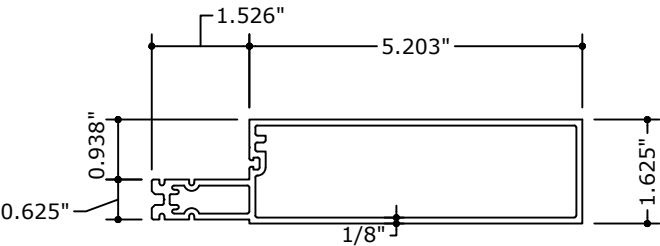
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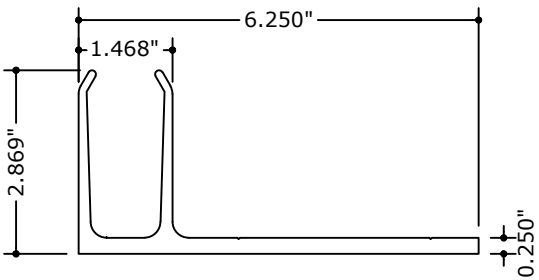
29 HW-532 ROLL OVER HORIZ.
(L.M.)



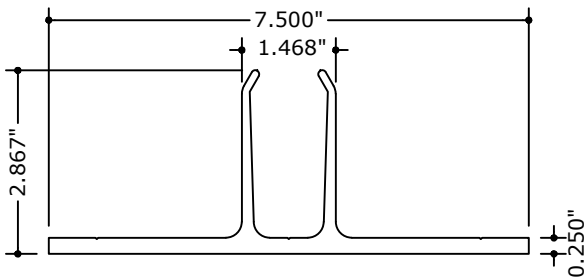
30 HW-533 ROLL UNDER HORIZ.
(L.M.)



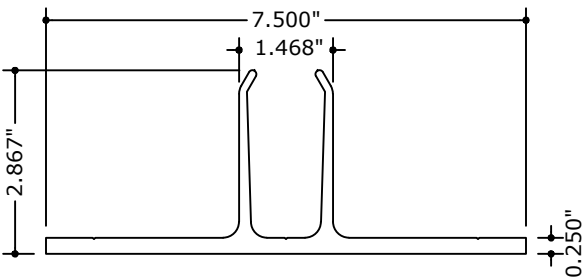
31 HW-536 HORIZONTAL
(L.M.)



32 HW-103-01 "F" ANCHOR
(JAMB MULLION)
(L.M.)

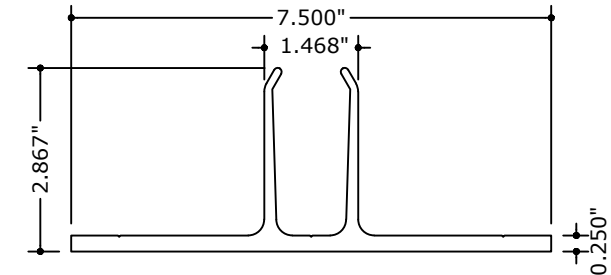
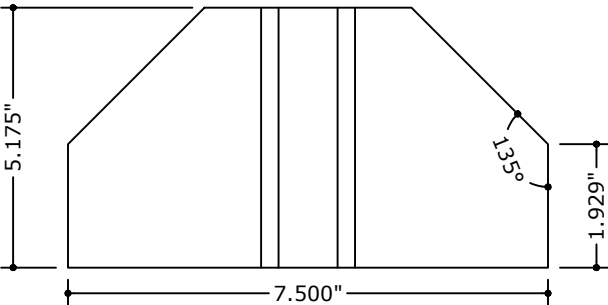
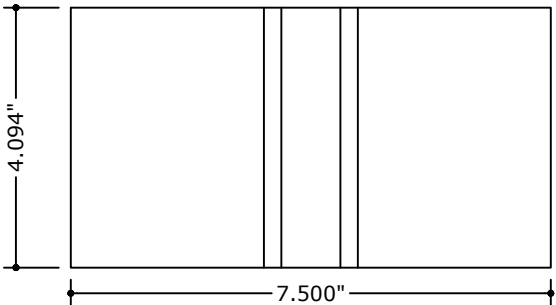
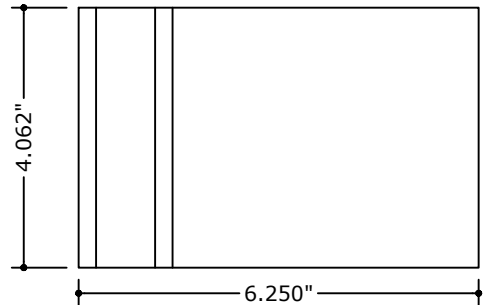


33 HW-105-01 "T" ANCHOR
(STD. MULLION & TOP OF
DOOR JAMB MULLION)
(L.M.)



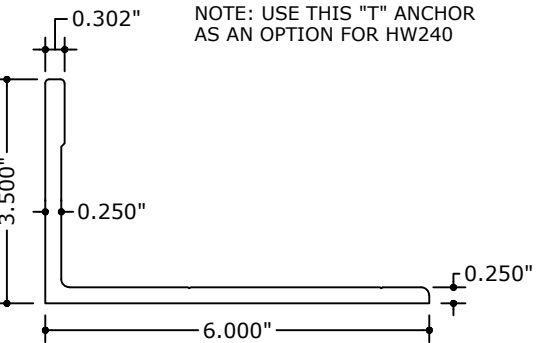
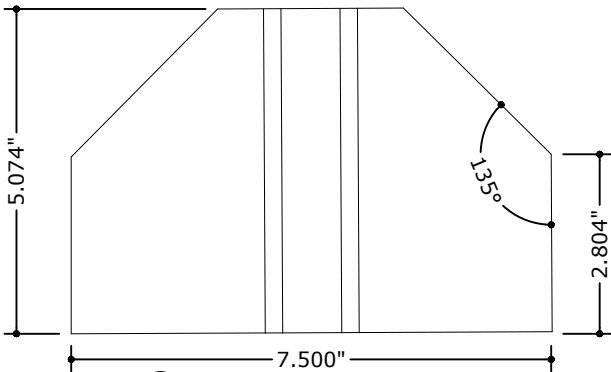
34 HW-105-03 "T" ANCHOR
(CORNER MULLION)
(L.M.)

NOTE: USE THIS "T" ANCHOR AS AN OPTION
FOR HW500

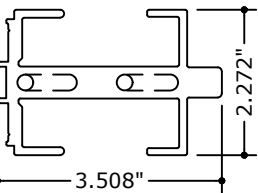


65 HW-105-03 "T" ANCHOR
(CORNER MULLION)
(L.M.)

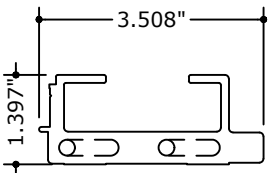
NOTE: USE THIS "T" ANCHOR
AS AN OPTION FOR HW240



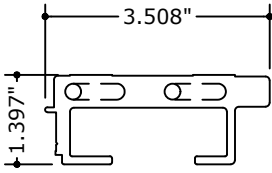
35 HW-174-01 "L" ANCHOR
(JAMB & STD. MULLION)
(L.M.)



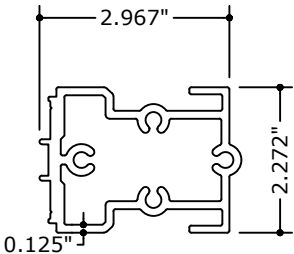
36 HW-180-01 CORNER
SHEAR BLOCK
(L.M.)



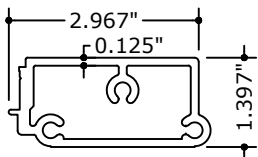
37 HW-180-02 CORNER
SHEAR BLOCK
(L.M.)



38 HW-180-03 CORNER
SHEAR BLOCK
(L.M.)



39 HW-183-01 SHEAR BLOCK
(L.M.)



40 HW-184-01 SHEAR BLOCK
(L.M.)

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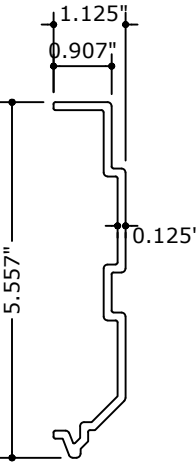
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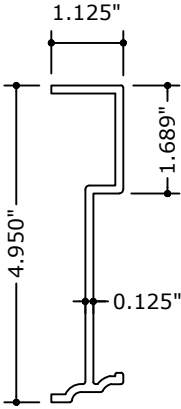
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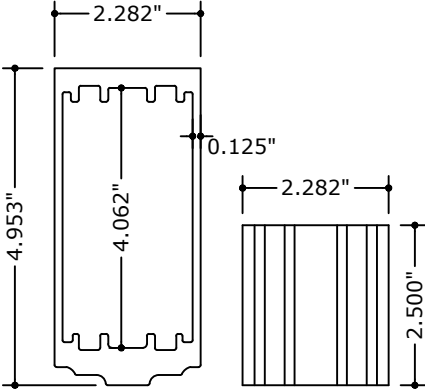
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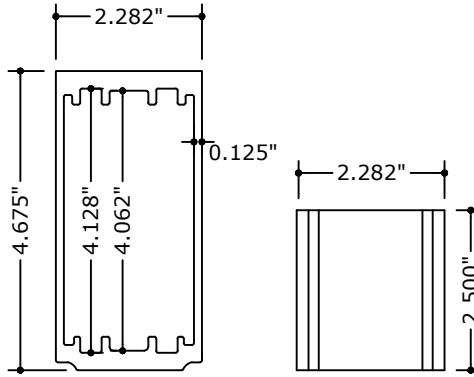
41 HW-191-01 CORNER SPLICE
(L.M.)



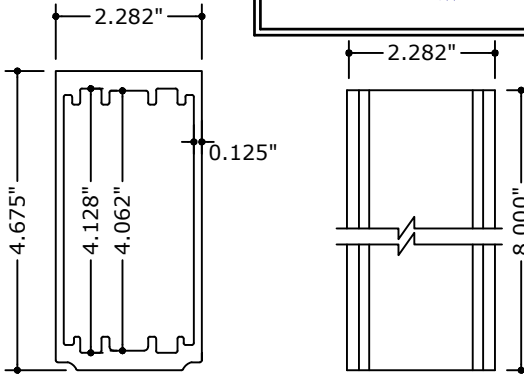
42 HW-194-01 MULLIUON SPLICE
(L.M.)



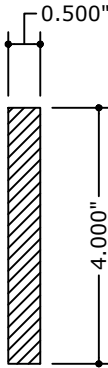
43 HW-200-01 STANDARD
ANCHOR SLEEVE
(L.M.)



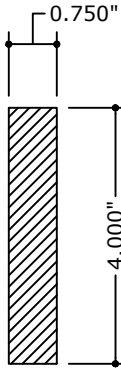
44 HW-201-01 HEAVY
ANCHOR SLEEVE
(L.M.)



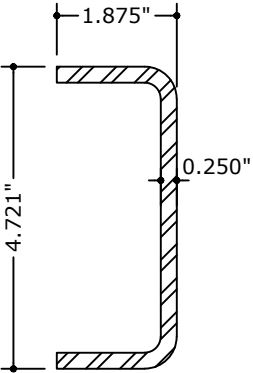
45 HW-201-02 HEAVY
MULLION HARD SPLICE
(L.M.)



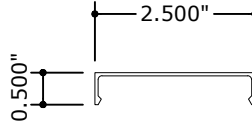
46 RS-15 STEEL
REINFORCEMENT
(L.M.)



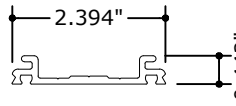
46A RS-17 STEEL
REINFORCEMENT
(L.M.)



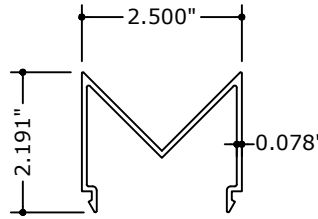
47 RS-25 STEEL
REINFORCEMENT
(L.M.)



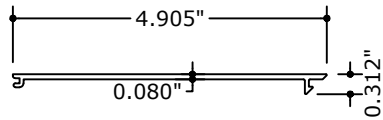
48 HW-110 FACE CAP
(L.M.)



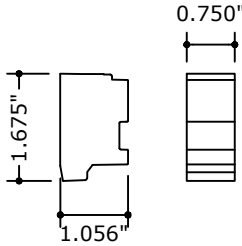
49 HW-162 PRESSURE PLATE
(L.M.)



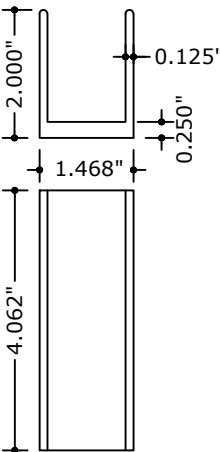
50 HW-224 COVER
(L.M.)



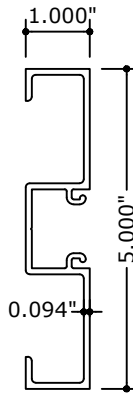
51 HW-237 FILLER (L.M.)



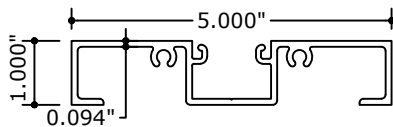
52 WW-352 ZONE PLUG
(L.M.)



60 HW-108-01 "U" ANCHOR
(L.M.)



61 D-226 DOOR JAMB
(L.M. & S.M.)



62 D-231 DOOR HEADER
(L.M. & S.M.)

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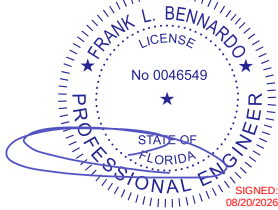
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BILL OF MATERIALS				
ITEM NO.	PART NUMBER	DESCRIPTION	DIMENSIONS	MATERIAL
1	CW-2101	SETTING BLOCK	.50x .188x 4.00	EPDM 80 DUROMETER
2	CW-2102	SETTING BLOCK	1.250x .188x 4.00	EPDM 80 DUROMETER
3	FG-5185S	INTERIOR SPACER GASKET	.375x 0.25	SILICONE 70 DURO
4	FS-7	HORIZ. TO SHEAR BLOCK FASTENER #10x 3/4" PFH	#10x 3/4" PFH	STEEL
5	FS-9	SHEAR BLOCK ASSEMBLY SCREW #14x 1 1/2" HH	#14x 1 1/2" HH	STEEL
6	FS-259	JAMB CAP PLATE FASTENER M4x16mm HEADED HELICAL KNURLED PIN	1/4-20x 1" PFH TYPE F	STEEL
7	FS-320	END CAP ATTACHMENT FASTENER	M4 X 16MM HEADED HELICAL KNURLED PIN	STEEL
8	FS-322	POCKET FILLER ATTACHMENT #12-14x 1" HH	1"	STEEL
9	FS-325	PRESSURE PLATE SCREW	#12-24 X 1-11/32 HWH SELF DRILLING SCREW	STEEL
N/A	NOT USED	-	-	-
11	GP-107	ISOLATOR GASKET	.264x .626	EPDM 70 DUROMETER
12	GP-117	EXTERIOR GASKET	.217x .438	EPDM 60 DUROMETER
13	GP-160	EXTERIOR GASKET AT EXP HORIZ.	.195x .380	EPDM 85 DUROMETER
14	HW-100	FACE CAP	4.50x .50x .062	6063-T5 ALUMINUM
15	HW-102	PRESSURE PLATE	4.394x .432x .094	6063-T6 ALUMINUM
16	HW-115	FACE CAP	3.94x .528x .050	6063-T5 ALUMINUM
17	HW-122	POCKET FILLER	.861x .910x .080	6063-T5 ALUMINUM
18	HW-130	GLAZING ADAPTOR	3.276x 2.225x .094	6063-T5 ALUMINUM
19	HW-132	CORNER PRESSURE PLATE	6.295x 2.50x .094	6063-T6 ALUMINUM
20	HW-240	CORNER MULLION	-	6063-T6 ALUMINUM
21	HW-312	CORNER BRIDGE	3.50x 1.625x .625	55 SHORE "00" DUROMETER, CLOSED CELL
22	HW-323	CORNER MULL CAP	3.00x 1.925x .063	5005-H32 ALUMINUM
23	HW-325	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	2.50x 5.00x .094	6063-T6 ALUMINUM
26	HW-501	HEAD	2.50x 5.203x .094	6063-T6 ALUMINUM
27	HW-502	SILL	2.50x 5.203x .094	6063-T6 ALUMINUM
28	HW-510	HEAVY MULLION	2.50x 5.234x .094	6063-T6 ALUMINUM
29	HW-532	ROLL OVER HORIZONTAL	2.50x 5.203x .094	6063-T6 ALUMINUM
30	HW-533	ROLL UNDER HORIZONTAL	2.50x 5.203x .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

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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RELANCE™ STORMMAX® DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#33108.1)

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	AEQ	RS	08/10/26
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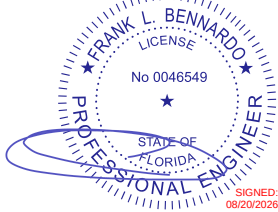
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BILL OF MATERIALS

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	REINFORCEMENT STEEL	.50x 4.00	ASTM A-36
46A	RS-17	REINFORCEMENT STEEL	.75x 4.00	ASTM A-36
47	RS-25	REINFORCEMENT STEEL	1.875x 4.721x 0.25	ASTM A-36
48	WW-110	FACE CAP	.50x 2.50x .050	6063-T5 ALUMINUM
49	WW-162	PRESSURE PLATE	.442x 2.394x .094	6063-T6 ALUMINUM
50	WW-224	COVER	2.50x 2.190x .078	6063-T5 ALUMINUM
51	WW-237	FILLER	.204x 4.905x .080	6063-T5 ALUMINUM
52	WW-352	ZONE PLUG	1.056x 1.675x .75	ABS PLASTIC
53	DOWSIL 795	PERIMETER SEAL	-	SILICONE
54	GE SCS 2000	PERIMETER SEAL	-	SILICONE
55	DOWSIL 995	POCKET SEAL	-	SILICONE
56	GE SSG 4600	POCKET SEAL	-	SILICONE
57	FASTENERS	MID POINT ANCHOR AT MULLIONS 5/8-18x 4 1/2" HH	4 1/2"	GRADE 5
58	FASTENERS	MID POINT ANCHOR AT MULLIONS 5/8-18x NUTS	-	GRADE 5
59	FASTENERS	MID POINT ANCHOR AT JAMBS 5/8-18x 1 3/4" HH FN THREAD	1 3/4"	GRADE 5
60	HW-108-01 "U" ANCHOR	AT DOOR JAMB MULLION & AT JAMB MULLION AT DOOR W/ NO SIDELITE & OPTIONAL AT JAMB MULLION	2.875x 1.468x 0.25x 4.062	6063-T6 ALUMINUM
61	D-226	DOOR JAMB	1.00x 5.00x .094	6063-T6 ALUMINUM
62	D-231	DOOR HEADER	1.00x 5.00x .094	6063-T6 ALUMINUM
63	GP-1015	DRY GLAZE GASKET	.319x 0.963	EPDM 70 DUROMETER
64	INSULATING GLASS UNIT SPACER	MODEL H 6.5 1/2" WIDEx 1/4" HIGHx 0.014" THICK		3105-H24 ALUMINUM
65	HW-105-03	"T" ANCHOR (CORNER MULLION)	7.50x 2.804x 0.25x 5.074	6063-T6 ALUMINUM

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 10, 2026



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