

EUROLINE STEEL WINDOWS & DOORS

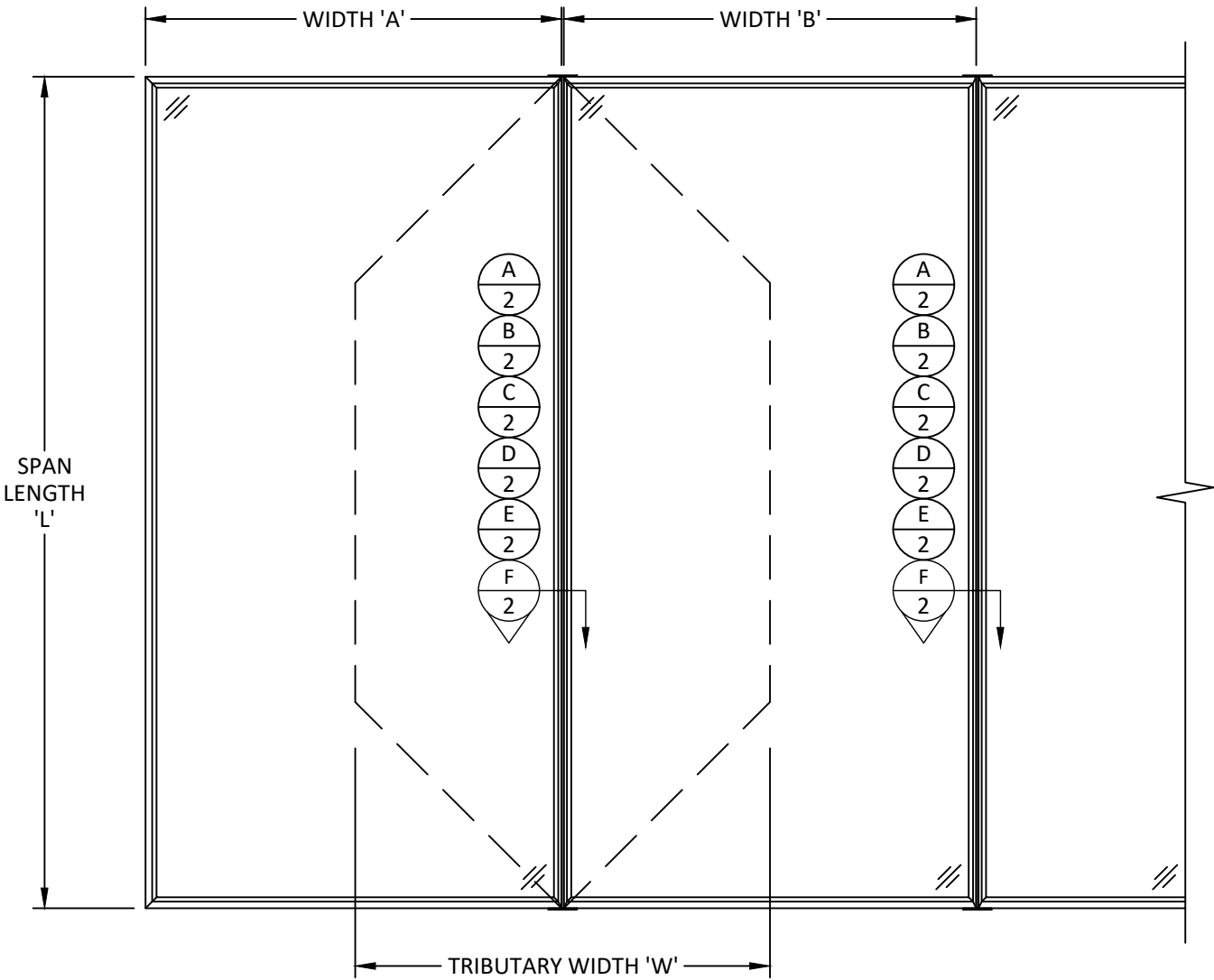
SERIES 900 STEEL MULLION - WELD INSTALLATION

(WZ3) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-22
 - ASTM E283/E283M-19
 - ASTM E330/E330M-14(21)
 - ASTM E331-00(23)
 - ASTM E1886-19
 - ASTM E1996-23
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE OF WIND ZONE 3 OR LESS.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE OF WIND ZONE 4.
7. MULLION & CLIP MATERIAL: STEEL (MIN. Fy = 33 ksi).
8. ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.

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TYPICAL ELEVATION

$$\text{TRIBUTARY WIDTH } W = \frac{A + B}{2}$$



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TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

GENERAL NOTES & TYPICAL ELEVATION

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REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.02 19:18:59 -0400



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1900 NE MIAMI COURT, SUITE 2-15
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL47873	
DATE:	11.04.2025	
DWG. BY:	MS	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	ELS012	
SHEET:	1	REV. A

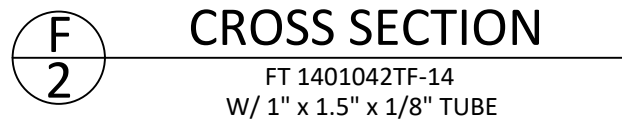
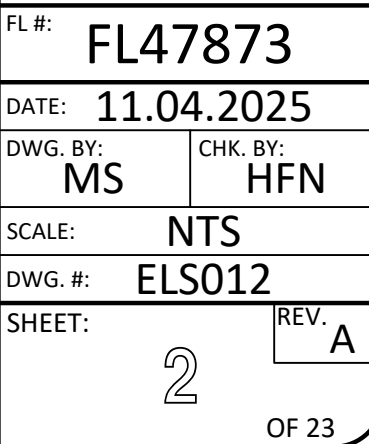
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WELD INSTALLATION
(WZ3) (IMPACT)
MULLION CROSS SECTIONS

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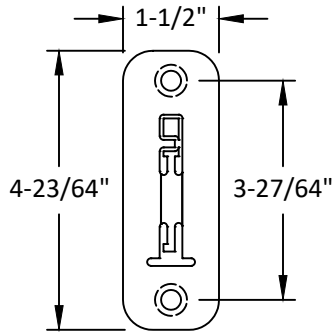
 **B.D.**
BUILDING DROPS

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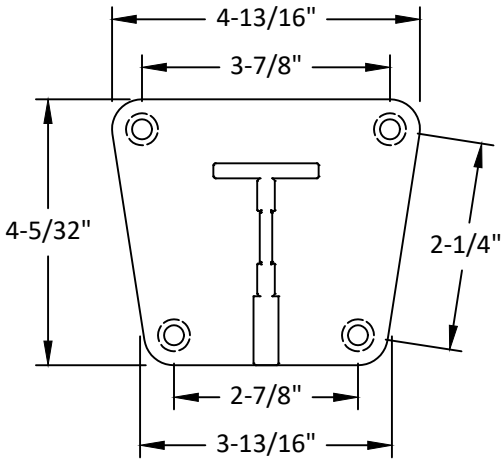
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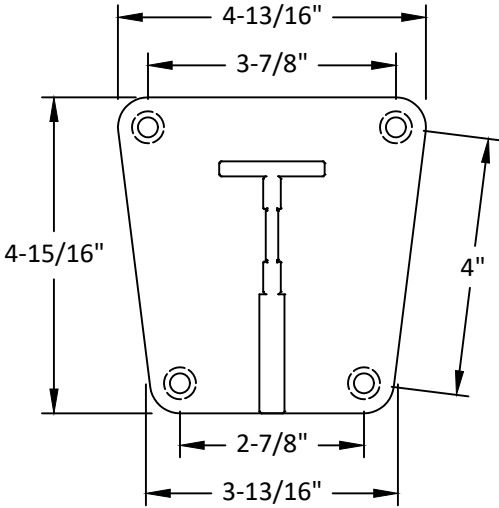
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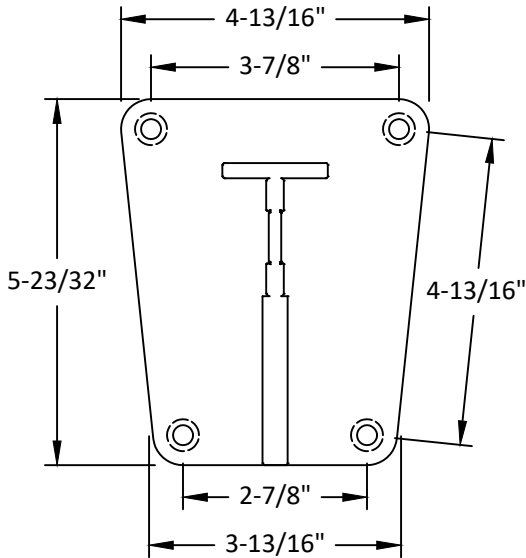
MULLION PLATE DETAIL
1/4" THICK, FT 6009SV-02



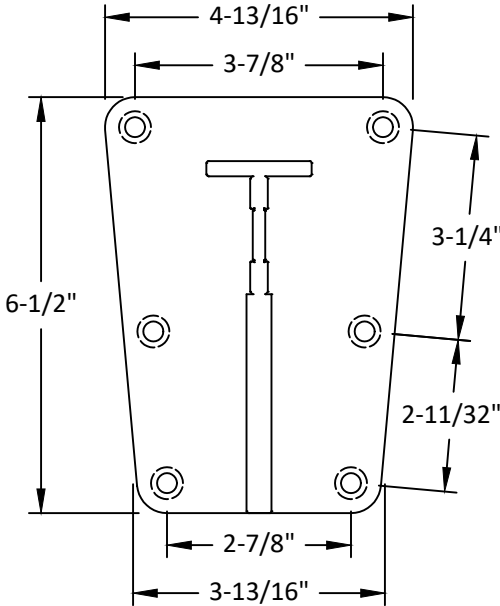
MULLION PLATE DETAIL
1/4" THICK, FT 801042TF-14



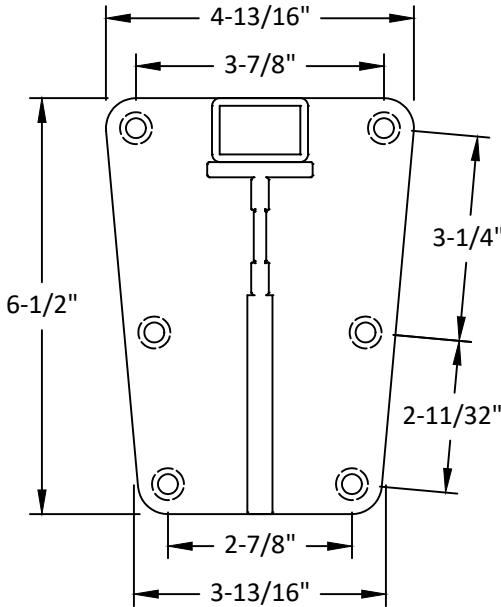
MULLION PLATE DETAIL
1/4" THICK, FT 1001042TF-14



MULLION PLATE DETAIL
1/4" THICK, FT 1201042TF-14



MULLION PLATE DETAIL
1/4" THICK, FT 1401042TF-14



MULLION PLATE DETAIL
1/4" THICK, FT 1401042TF-14 W/ 1" x 1.5" x 1/8" TUBE

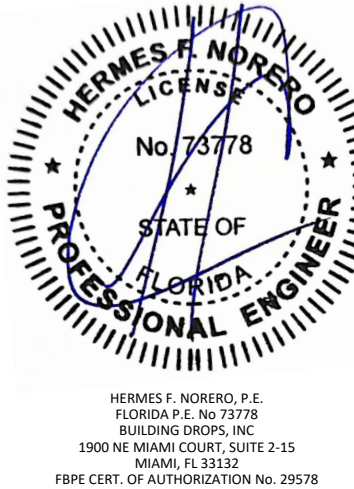
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WELD INSTALLATION
(WZ3) (IMPACT)
MULLION CLIP DETAILS

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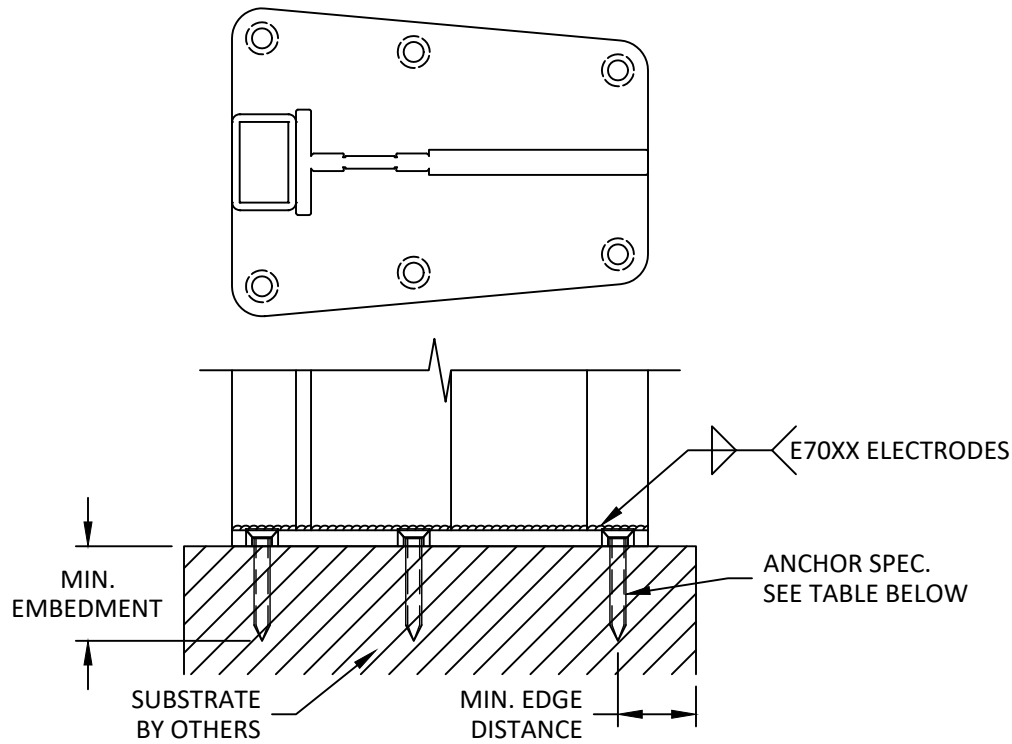
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SHEET:	REV. A
3	

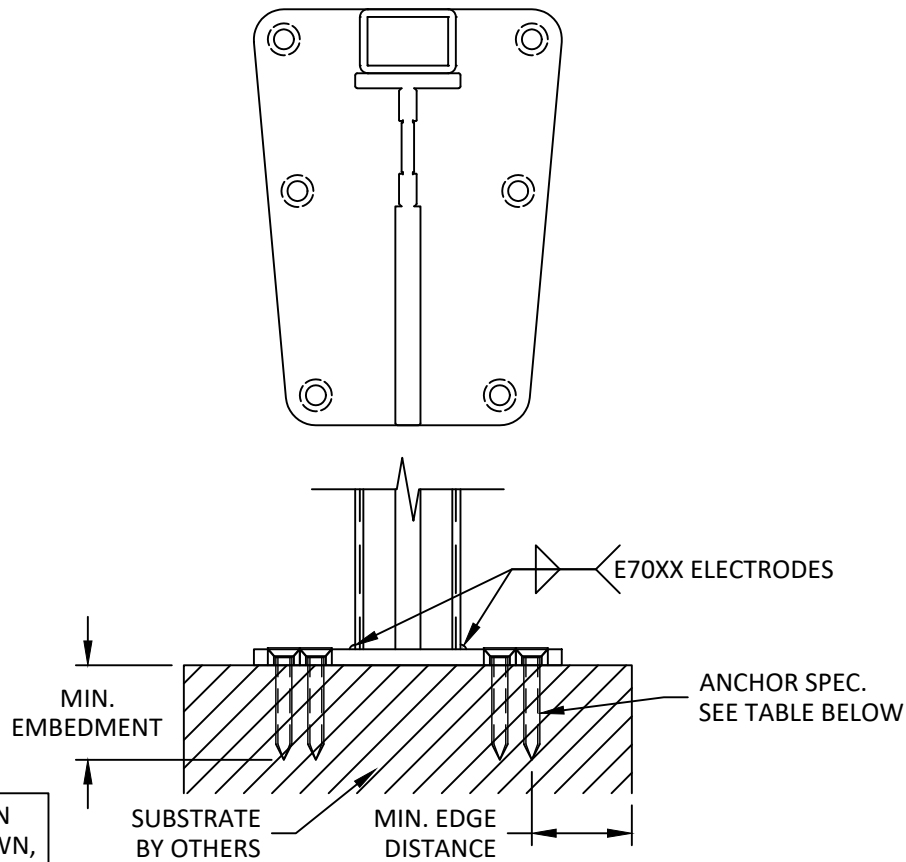


G 4

INSTALLATION DETAILS

SIDE VIEW

NOTE: FT 1401042TF-14 MULLION WITH 1" x 1.5" x 1/8" TUBE SHOWN, OTHER MULLIONS ARE SIMILAR.



H 4

INSTALLATION DETAILS

FRONT VIEW

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

ANCHOR SCHEDULE				
LOCATION	ANCHOR TYPE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	#14 WOOD SCREW	WOOD: MIN. S.G. = 0.55	1-1/2"	1"
B	1/4" GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	STEEL: MIN. 18 GA. MIN. Fy = 33 ksi	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
		ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5		
C	1/4" DEWALT ULTRACON+	CONCRETE: MIN. f'c = 3000 psi	1-3/4"	2-1/2"
D	1/4" DEWALT ULTRACON+	MASONRY: HOLLOW OR GROUT-FILLED BLOCK per ASTM C90, MIN. 2000 PSI	1-3/4"	2-1/2"



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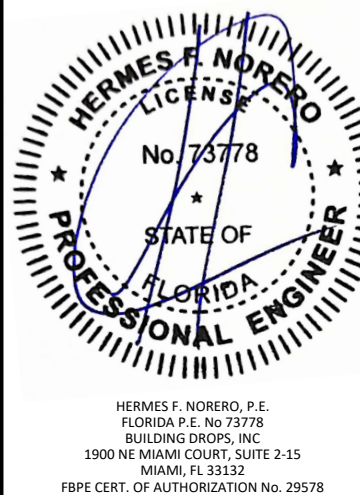
INSTALLATION DETAILS & NOTES

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SCALE: **NTS**

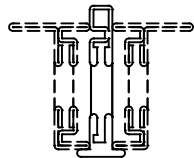
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SHEET: **4**REV. **A**

OF 23

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INTERIOR

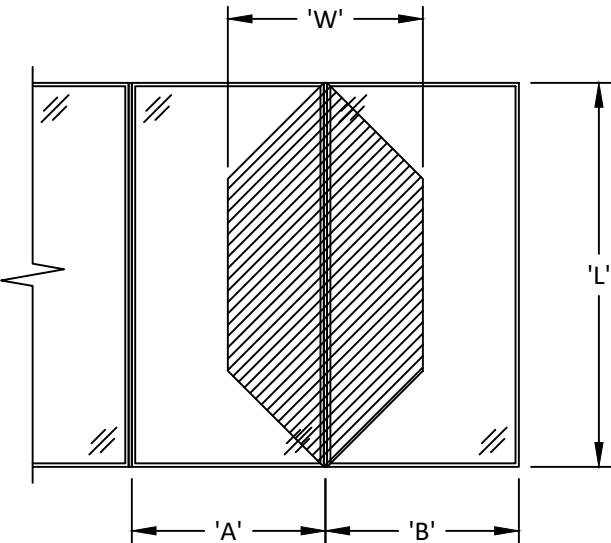


EXTERIOR

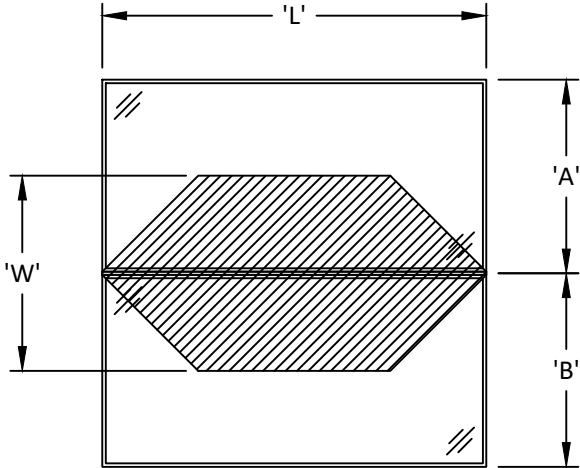
MULLION DETAIL
FT 6009SV-02

DESIGN PRESSURE TABLE (+/- PSF) - FT 6009SV-02, ONE-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	47.68	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83
60	36.16	34.64	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14	34.14
66	28.54	26.90	25.96	25.65	25.65	25.65	25.65	25.65	25.65	25.65	25.65	25.65	25.65	25.65	25.65
72	23.19	21.61	20.56	19.96	19.76	19.76	19.76	19.76	19.76	19.76	19.76	19.76	19.76	19.76	19.76
78	19.26	17.81	16.78	16.08	15.67	15.54	15.54	15.54	15.54	15.54	15.54	15.54	15.54	15.54	15.54
84	16.29	14.96	13.99	13.29	12.81	12.53	12.44	12.44	12.44	12.44	12.44	12.44	12.44	12.44	12.44
90	13.97	12.77	11.87	11.20	10.71	10.38	10.18	10.11	10.11	10.11	10.11	10.11	10.11	10.11	10.11
96	12.12	11.04	10.22	9.59	9.12	8.77	8.53	8.38	8.33	8.33	8.33	8.33	8.33	8.33	8.33
102	10.63	9.65	8.90	8.32	7.87	7.52	7.27	7.09	6.98	6.95	6.95	6.95	6.95	6.95	6.95
108	9.22	8.38	7.73	7.23	6.83	6.53	6.28	6.09	5.96	5.88	5.85	5.85	5.85	5.85	5.85
114	7.78	7.05	6.49	6.04	5.70	5.42	5.20	5.04	4.91	4.83	4.78	4.76	4.76	4.76	4.76
120	6.62	5.99	5.50	5.11	4.80	4.55	4.36	4.20	4.08	3.99	3.93	3.89	3.88	3.88	3.88
126	5.68	5.13	4.70	4.36	4.09	3.87	3.69	3.54	3.43	3.34	3.27	3.23	3.20	3.19	3.19
132	4.92	4.43	4.06	3.76	3.51	3.31	3.15	3.02	2.91	2.83	2.76	2.71	2.68	2.65	2.65
138	4.28	3.86	3.52	3.26	3.04	2.86	2.72	2.60	2.50	2.42	2.35	2.30	2.26	2.24	2.22
144	3.75	3.38	3.08	2.84	2.65	2.49	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.89
150	3.31	2.97	2.71	2.50	2.33	2.18	2.07	1.97	1.88	1.81	1.76	1.71	1.67	1.64	1.62
156	2.93	2.63	2.40	2.21	2.05	1.92	1.82	1.73	1.65	1.59	1.53	1.49	1.45	1.42	1.40
162	2.61	2.34	2.13	1.96	1.82	1.71	1.61	1.53	1.46	1.40	1.35	1.31	1.27	1.24	1.22
168	2.34	2.09	1.90	1.75	1.62	1.52	1.43	1.36	1.29	1.24	1.19	1.15	1.12	1.09	1.07
174	2.10	1.88	1.71	1.57	1.45	1.36	1.28	1.21	1.15	1.10	1.06	1.03	0.99	0.97	0.94
180	1.89	1.69	1.54	1.41	1.31	1.22	1.15	1.09	1.03	0.99	0.95	0.91	0.89	0.86	0.84
186	1.71	1.53	1.39	1.27	1.18	1.10	1.03	0.98	0.93	0.89	0.85	0.82	0.79	0.77	0.75
192	1.55	1.39	1.26	1.16	1.07	1.00	0.94	0.88	0.84	0.80	0.77	0.74	0.71	0.69	0.67
198	1.41	1.26	1.15	1.05	0.97	0.90	0.85	0.80	0.76	0.72	0.69	0.67	0.64	0.62	0.60
204	1.29	1.15	1.05	0.96	0.89	0.82	0.77	0.73	0.69	0.66	0.63	0.60	0.58	0.56	0.55
210	1.18	1.06	0.96	0.88	0.81	0.75	0.71	0.67	0.63	0.60	0.57	0.55	0.53	0.51	0.50
216	1.08	0.97	0.88	0.80	0.74	0.69	0.65	0.61	0.58	0.55	0.52	0.50	0.48	0.47	0.45

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, C, & D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



ONE-WAY MULLION DIAGRAM



ONE-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES ONE-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



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MULLION DESIGN PRESSURE TABLE

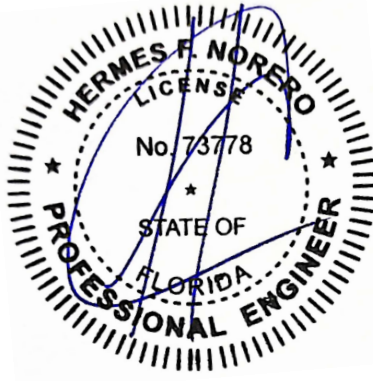
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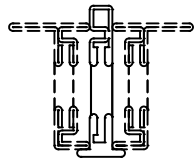


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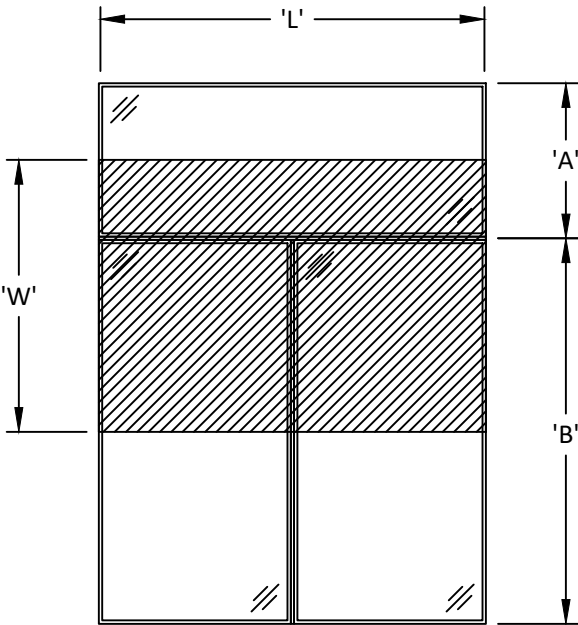
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INTERIOR

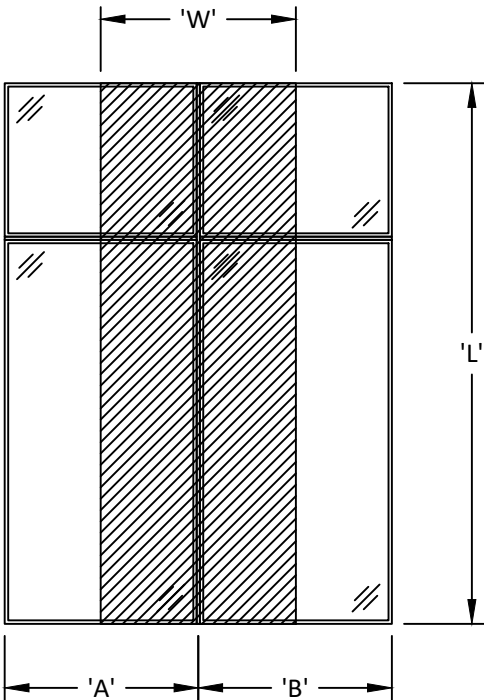


EXTERIOR

MULLION DETAIL
FT 6009SV-02



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 6009SV-02, TWO-WAY MULLION

'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	44.45	39.51	35.56	32.33	29.63	27.35	25.40	23.71	22.22	20.92	19.76	18.72	17.78	16.93	16.16
54	35.12	31.22	28.10	25.54	23.41	21.61	20.07	18.73	17.56	16.53	15.61	14.79	14.05	13.38	12.77
60	28.45	25.29	22.76	20.69	18.97	17.51	16.26	15.17	14.22	13.39	12.64	11.98	11.38	10.84	10.34
66	23.51	20.90	18.81	17.10	15.67	14.47	13.43	12.54	11.76	11.06	10.45	9.90	9.40	8.96	8.55
72	19.76	17.56	15.80	14.37	13.17	12.16	11.29	10.54	9.88	9.30	8.78	8.32	7.90	7.53	7.18
78	16.83	14.96	13.47	12.24	11.22	10.36	9.62	8.98	8.42	7.92	7.48	7.09	6.73	6.41	6.12
84	14.51	12.90	11.61	10.56	9.68	8.93	8.29	7.74	7.26	6.83	6.45	6.11	5.81	5.53	5.28
90	12.64	11.24	10.11	9.20	8.43	7.78	7.22	6.74	6.32	5.95	5.62	5.32	5.06	4.82	4.60
96	11.11	9.88	8.89	8.08	7.41	6.84	6.35	5.93	5.56	5.23	4.94	4.68	4.44	4.23	4.04
102	9.84	8.75	7.87	7.16	6.56	6.06	5.62	5.25	4.92	4.63	4.37	4.14	3.94	3.75	3.58
108	8.51	7.56	6.81	6.19	5.67	5.24	4.86	4.54	4.25	4.00	3.78	3.58	3.40	3.24	3.09
114	7.23	6.43	5.79	5.26	4.82	4.45	4.13	3.86	3.62	3.40	3.22	3.05	2.89	2.76	2.63
120	6.20	5.51	4.96	4.51	4.13	3.82	3.54	3.31	3.10	2.92	2.76	2.61	2.48	2.36	2.26
126	5.36	4.76	4.29	3.90	3.57	3.30	3.06	2.86	2.68	2.52	2.38	2.26	2.14	2.04	1.95
132	4.66	4.14	3.73	3.39	3.11	2.87	2.66	2.49	2.33	2.19	2.07	1.96	1.86	1.78	1.69
138	4.08	3.62	3.26	2.97	2.72	2.51	2.33	2.17	2.04	1.92	1.81	1.72	1.63	1.55	1.48
144	3.59	3.19	2.87	2.61	2.39	2.21	2.05	1.91	1.79	1.69	1.60	1.51	1.44	1.37	1.31
150	3.18	2.82	2.54	2.31	2.12	1.95	1.81	1.69	1.59	1.49	1.41	1.34	1.27	1.21	1.15
156	2.82	2.51	2.26	2.05	1.88	1.74	1.61	1.51	1.41	1.33	1.25	1.19	1.13	1.08	1.03
162	2.52	2.24	2.02	1.83	1.68	1.55	1.44	1.34	1.26	1.19	1.12	1.06	1.01	0.96	0.92
168	2.26	2.01	1.81	1.64	1.51	1.39	1.29	1.21	1.13	1.06	1.00	0.95	0.90	0.86	0.82
174	2.03	1.81	1.63	1.48	1.36	1.25	1.16	1.09	1.02	0.96	0.90	0.86	0.81	0.78	0.74
180	1.84	1.63	1.47	1.34	1.23	1.13	1.05	0.98	0.92	0.86	0.82	0.77	0.74	0.70	0.67
186	1.67	1.48	1.33	1.21	1.11	1.02	0.95	0.89	0.83	0.78	0.74	0.70	0.67	0.63	0.61
192	1.51	1.35	1.21	1.10	1.01	0.93	0.87	0.81	0.76	0.71	0.67	0.64	0.61	0.58	0.55
198	1.38	1.23	1.10	1.00	0.92	0.85	0.79	0.74	0.69	0.65	0.61	0.58	0.55	0.53	0.50
204	1.26	1.12	1.01	0.92	0.84	0.78	0.72	0.67	0.63	0.59	0.56	0.53	0.50	0.48	0.46
210	1.16	1.03	0.93	0.84	0.77	0.71	0.66	0.62	0.58	0.54	0.51	0.49	0.46	0.44	0.42
216	1.06	0.95	0.85	0.77	0.71	0.65	0.61	0.57	0.53	0.50	0.47	0.45	0.43	0.41	0.39

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, C, & D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

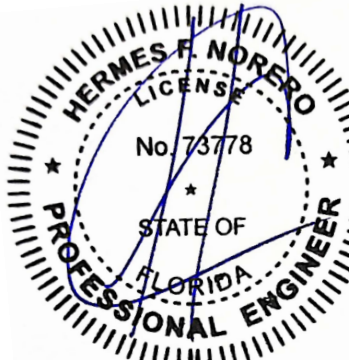
PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com


BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES F. NORERO
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

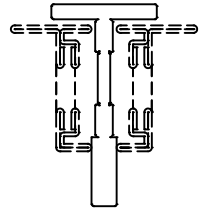
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REV.

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INTERIOR

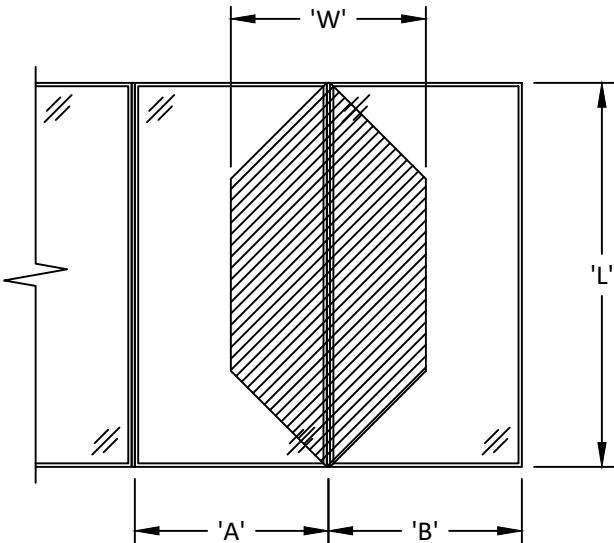


EXTERIOR

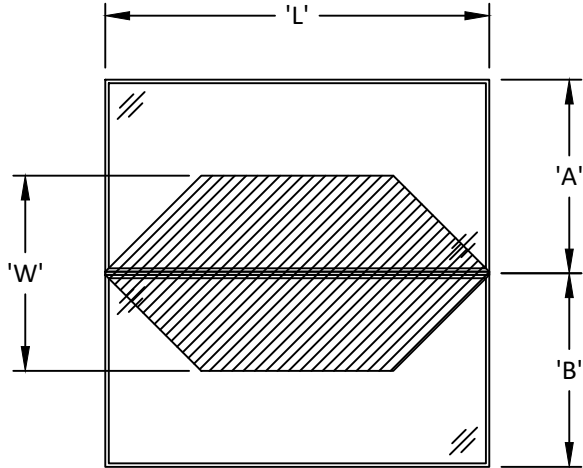
MULLION DETAIL
FT 801042TF-14

DESIGN PRESSURE TABLE (+/- PSF) - FT 801042TF-14, ONE-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	63.26	61.66	61.12	61.12	61.12	61.12	61.12	61.12	61.12	61.12	61.12	61.12
84	64.07	58.86	55.04	52.28	50.41	49.31	48.94	48.94	48.94	48.94	48.94	48.94	48.94	48.94	48.94
90	54.95	50.24	46.71	44.07	42.15	40.83	40.05	39.79	39.79	39.79	39.79	39.79	39.79	39.79	39.79
96	47.69	43.44	40.21	37.74	35.87	34.49	33.54	32.98	32.79	32.79	32.79	32.79	32.79	32.79	32.79
102	41.81	37.97	35.02	32.73	30.96	29.60	28.59	27.89	27.47	27.33	27.33	27.33	27.33	27.33	27.33
108	36.97	33.49	30.80	28.69	27.03	25.73	24.72	23.97	23.44	23.13	23.03	23.03	23.03	23.03	23.03
114	32.95	29.78	27.32	25.38	23.84	22.60	21.63	20.87	20.30	19.90	19.66	19.58	19.58	19.58	19.58
120	29.55	26.67	24.42	22.63	21.19	20.04	19.11	18.36	17.78	17.34	17.03	16.85	16.79	16.79	16.79
126	26.67	24.03	21.96	20.31	18.98	17.90	17.02	16.31	15.73	15.28	14.94	14.69	14.55	14.50	14.50
132	24.19	21.77	19.87	18.34	17.11	16.10	15.27	14.59	14.04	13.58	13.23	12.96	12.77	12.65	12.61
138	22.04	19.82	18.06	16.66	15.51	14.57	13.79	13.15	12.61	12.17	11.81	11.53	11.31	11.16	11.07
144	19.53	17.57	16.03	14.80	13.79	12.97	12.29	11.72	11.25	10.86	10.54	10.28	10.07	9.92	9.81
150	17.22	15.48	14.11	13.00	12.10	11.36	10.75	10.23	9.80	9.44	9.14	8.89	8.69	8.53	8.41
156	15.26	13.71	12.48	11.49	10.68	10.02	9.46	8.99	8.60	8.27	7.99	7.75	7.56	7.40	7.28
162	13.59	12.19	11.09	10.21	9.48	8.88	8.37	7.95	7.59	7.28	7.02	6.80	6.62	6.47	6.34
168	12.15	10.90	9.91	9.11	8.45	7.90	7.45	7.06	6.73	6.45	6.21	6.01	5.83	5.69	5.57
174	10.91	9.78	8.89	8.16	7.57	7.07	6.65	6.30	6.00	5.74	5.52	5.33	5.17	5.03	4.92
180	9.84	8.81	8.00	7.34	6.80	6.35	5.97	5.65	5.37	5.14	4.93	4.76	4.61	4.48	4.37
186	8.90	7.97	7.23	6.63	6.14	5.73	5.38	5.09	4.83	4.62	4.43	4.27	4.12	4.00	3.90
192	8.08	7.23	6.56	6.01	5.56	5.18	4.87	4.60	4.36	4.16	3.99	3.84	3.71	3.59	3.49
198	7.36	6.58	5.96	5.46	5.05	4.71	4.42	4.17	3.96	3.77	3.61	3.47	3.35	3.24	3.15
204	6.72	6.01	5.44	4.98	4.61	4.29	4.02	3.79	3.60	3.42	3.28	3.15	3.03	2.93	2.84
210	6.15	5.50	4.98	4.56	4.21	3.92	3.67	3.46	3.28	3.12	2.98	2.86	2.76	2.66	2.58
216	5.64	5.04	4.57	4.18	3.86	3.59	3.36	3.17	3.00	2.85	2.72	2.61	2.51	2.43	2.35

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, C, & D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



ONE-WAY MULLION DIAGRAM



ONE-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
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 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
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22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 295578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

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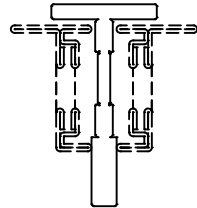
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OF 23

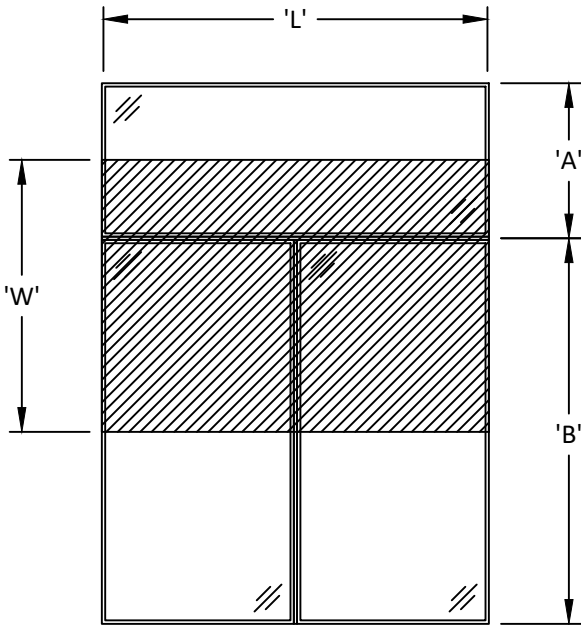
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INTERIOR

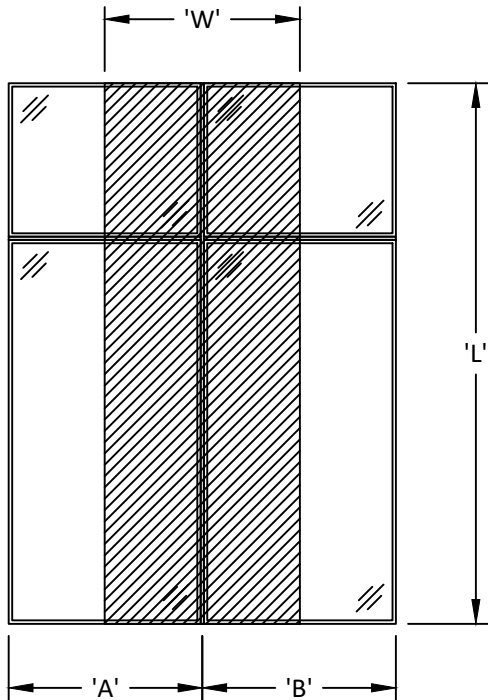


EXTERIOR

MULLION DETAIL
FT 801042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 801042TF-14, TWO-WAY MULLION

'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	63.58
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.40	58.17	55.26	52.63	50.24
60	65.00	65.00	65.00	65.00	65.00	65.00	63.95	59.69	55.95	52.66	49.74	47.12	44.76	42.63	40.69
66	65.00	65.00	65.00	65.00	61.66	56.92	52.85	49.33	46.24	43.52	41.11	38.94	36.99	35.23	33.63
72	65.00	65.00	62.17	56.52	51.81	47.82	44.41	41.45	38.86	36.57	34.54	32.72	31.09	29.61	28.26
78	65.00	58.86	52.97	48.16	44.15	40.75	37.84	35.32	33.11	31.16	29.43	27.88	26.49	25.23	24.08
84	57.10	50.75	45.68	41.52	38.06	35.14	32.63	30.45	28.55	26.87	25.38	24.04	22.84	21.75	20.76
90	49.74	44.21	39.79	36.17	33.16	30.61	28.42	26.53	24.87	23.41	22.11	20.94	19.90	18.95	18.09
96	43.71	38.86	34.97	31.79	29.14	26.90	24.98	23.31	21.86	20.57	19.43	18.41	17.49	16.65	15.90
102	38.72	34.42	30.98	28.16	25.82	23.83	22.13	20.65	19.36	18.22	17.21	16.30	15.49	14.75	14.08
108	34.54	30.70	27.63	25.12	23.03	21.26	19.74	18.42	17.27	16.25	15.35	14.54	13.82	13.16	12.56
114	31.00	27.56	24.80	22.55	20.67	19.08	17.71	16.53	15.50	14.59	13.78	13.05	12.40	11.81	11.27
120	27.98	24.87	22.38	20.35	18.65	17.22	15.99	14.92	13.99	13.17	12.43	11.78	11.19	10.66	10.17
126	25.38	22.56	20.30	18.46	16.92	15.62	14.50	13.53	12.69	11.94	11.28	10.68	10.15	9.67	9.23
132	23.12	20.55	18.50	16.82	15.41	14.23	13.21	12.33	11.56	10.88	10.28	9.74	9.25	8.81	8.41
138	21.15	18.80	16.92	15.39	14.10	13.02	12.09	11.28	10.58	9.96	9.40	8.91	8.46	8.06	7.69
144	18.67	16.60	14.94	13.58	12.45	11.49	10.67	9.96	9.34	8.79	8.30	7.86	7.47	7.11	6.79
150	16.52	14.69	13.22	12.02	11.01	10.17	9.44	8.81	8.26	7.78	7.34	6.96	6.61	6.29	6.01
156	14.69	13.06	11.75	10.68	9.79	9.04	8.39	7.83	7.34	6.91	6.53	6.18	5.88	5.60	5.34
162	13.12	11.66	10.49	9.54	8.74	8.07	7.49	7.00	6.56	6.17	5.83	5.52	5.25	5.00	4.77
168	11.76	10.45	9.41	8.55	7.84	7.24	6.72	6.27	5.88	5.53	5.23	4.95	4.70	4.48	4.28
174	10.59	9.41	8.47	7.70	7.06	6.51	6.05	5.65	5.29	4.98	4.70	4.46	4.23	4.03	3.85
180	9.56	8.50	7.65	6.95	6.37	5.88	5.46	5.10	4.78	4.50	4.25	4.03	3.82	3.64	3.48
186	8.67	7.70	6.93	6.30	5.78	5.33	4.95	4.62	4.33	4.08	3.85	3.65	3.47	3.30	3.15
192	7.88	7.00	6.30	5.73	5.25	4.85	4.50	4.20	3.94	3.71	3.50	3.32	3.15	3.00	2.86
198	7.18	6.39	5.75	5.22	4.79	4.42	4.10	3.83	3.59	3.38	3.19	3.02	2.87	2.74	2.61
204	6.57	5.84	5.25	4.78	4.38	4.04	3.75	3.50	3.28	3.09	2.92	2.77	2.63	2.50	2.39
210	6.02	5.35	4.82	4.38	4.01	3.71	3.44	3.21	3.01	2.83	2.68	2.54	2.41	2.29	2.19
216	5.53	4.92	4.43	4.02	3.69	3.41	3.16	2.95	2.77	2.60	2.46	2.33	2.21	2.11	2.01

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

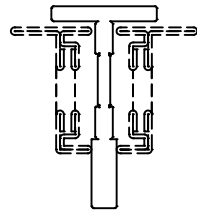
SCALE: **NTS**

DWG. #: **ELS012**

SHEET: **8** REV. **A**

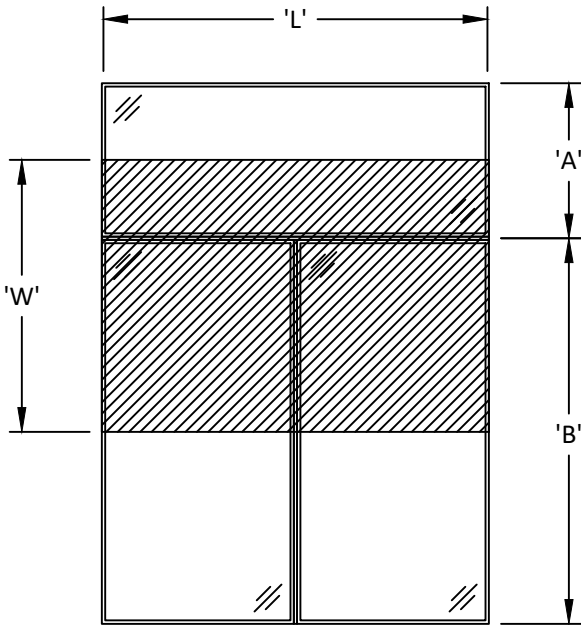
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INTERIOR

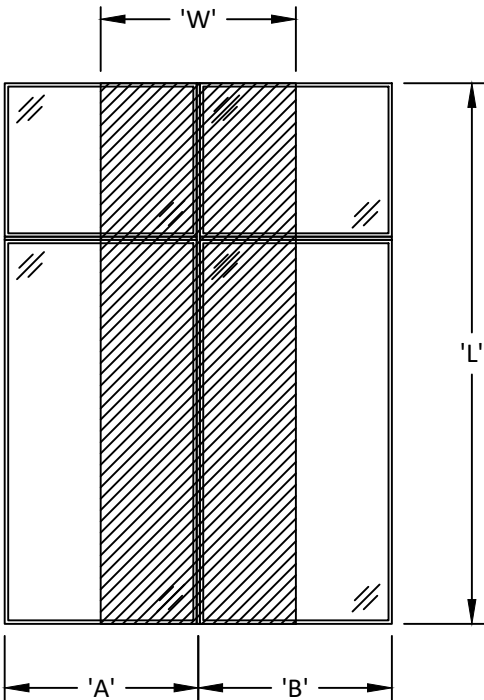


EXTERIOR

MULLION DETAIL
FT 801042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- 1. MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - 2. DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3. DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - 4. REFER TO SHEET 4 FOR ANCHOR TYPES.
 - 5. REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - 6. WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.

DESIGN PRESSURE TABLE (+/- PSF) - FT 801042TF-14, TWO-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.00	56.47	53.33	50.53	48.00	45.71	43.64
54	65.00	65.00	65.00	65.00	65.00	65.00	60.95	56.89	53.33	50.20	47.41	44.91	42.67	40.63	38.79
60	65.00	65.00	65.00	65.00	64.00	59.08	54.86	51.20	48.00	45.18	42.67	40.42	38.40	36.57	34.91
66	65.00	65.00	65.00	63.47	58.18	53.71	49.87	46.55	43.64	41.07	38.79	36.75	34.91	33.25	31.74
72	65.00	65.00	62.17	56.52	51.81	47.82	44.41	41.45	38.86	36.57	34.54	32.72	31.09	29.61	28.26
78	65.00	58.86	52.97	48.16	44.15	40.75	37.84	35.32	33.11	31.16	29.43	27.88	26.49	25.23	24.08
84	57.10	50.75	45.68	41.52	38.06	35.14	32.63	30.45	28.55	26.87	25.38	24.04	22.84	21.75	20.76
90	49.74	44.21	39.79	36.17	33.16	30.61	28.42	26.53	24.87	23.41	22.11	20.94	19.90	18.95	18.09
96	43.71	38.86	34.97	31.79	29.14	26.90	24.98	23.31	21.86	20.57	19.43	18.41	17.49	16.65	15.90
102	38.72	34.42	30.98	28.16	25.82	23.83	22.13	20.65	19.36	18.22	17.21	16.30	15.49	14.75	14.08
108	34.54	30.70	27.63	25.12	23.03	21.26	19.74	18.42	17.27	16.25	15.35	14.54	13.82	13.16	12.56
114	31.00	27.56	24.80	22.55	20.67	19.08	17.71	16.53	15.50	14.59	13.78	13.05	12.40	11.81	11.27
120	27.98	24.87	22.38	20.35	18.65	17.22	15.99	14.92	13.99	13.17	12.43	11.78	11.19	10.66	10.17
126	25.38	22.56	20.30	18.46	16.92	15.62	14.50	13.53	12.69	11.94	11.28	10.68	10.15	9.67	9.23
132	23.12	20.55	18.50	16.82	15.41	14.23	13.21	12.33	11.56	10.88	10.28	9.74	9.25	8.81	8.41
138	21.15	18.80	16.92	15.39	14.10	13.02	12.09	11.28	10.58	9.96	9.40	8.91	8.46	8.06	7.69
144	18.67	16.60	14.94	13.58	12.45	11.49	10.67	9.96	9.34	8.79	8.30	7.86	7.47	7.11	6.79
150	16.52	14.69	13.22	12.02	11.01	10.17	9.44	8.81	8.26	7.78	7.34	6.96	6.61	6.29	6.01
156	14.69	13.06	11.75	10.68	9.79	9.04	8.39	7.83	7.34	6.91	6.53	6.18	5.88	5.60	5.34
162	13.12	11.66	10.49	9.54	8.74	8.07	7.49	7.00	6.56	6.17	5.83	5.52	5.25	5.00	4.77
168	11.76	10.45	9.41	8.55	7.84	7.24	6.72	6.27	5.88	5.53	5.23	4.95	4.70	4.48	4.28
174	10.59	9.41	8.47	7.70	7.06	6.51	6.05	5.65	5.29	4.98	4.70	4.46	4.23	4.03	3.85
180	9.56	8.50	7.65	6.95	6.37	5.88	5.46	5.10	4.78	4.50	4.25	4.03	3.82	3.64	3.48
186	8.67	7.70	6.93	6.30	5.78	5.33	4.95	4.62	4.33	4.08	3.85	3.65	3.47	3.30	3.15
192	7.88	7.00	6.30	5.73	5.25	4.85	4.50	4.20	3.94	3.71	3.50	3.32	3.15	3.00	2.86
198	7.18	6.39	5.75	5.22	4.79	4.42	4.10	3.83	3.59	3.38	3.19	3.02	2.87	2.74	2.61
204	6.57	5.84	5.25	4.78	4.38	4.04	3.75	3.50	3.28	3.09	2.92	2.77	2.63	2.50	2.39
210	6.02	5.35	4.82	4.38	4.01	3.71	3.44	3.21	3.01	2.83	2.68	2.54	2.41	2.29	2.19
216	5.53	4.92	4.43	4.02	3.69	3.41	3.16	2.95	2.77	2.60	2.46	2.33	2.21	2.11	2.01

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

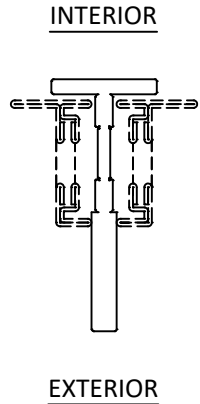
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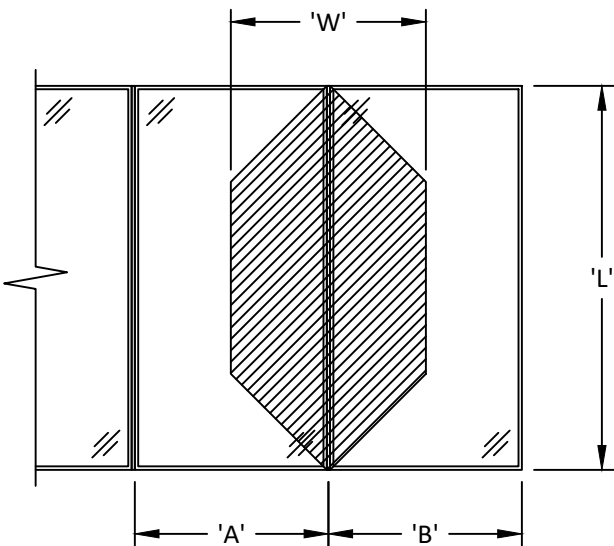
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OF 23

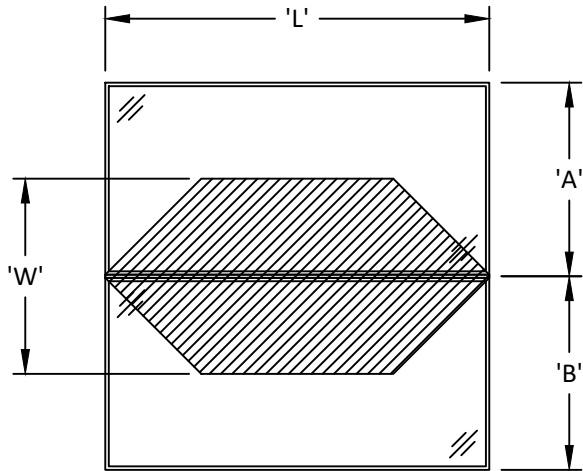
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MULLION DETAIL
FT 1001042TF-14



ONE-WAY MULLION DIAGRAM



ONE-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES ONE-WAY MULLION CONFIGURATIONS.
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 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
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DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, ONE-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
84	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
90	65.00	65.00	65.00	65.00	65.00	63.16	61.96	61.55	61.55	61.55	61.55	61.55	61.55	61.55	61.55
96	65.00	65.00	62.20	58.38	55.49	53.36	51.88	51.01	50.72	50.72	50.72	50.72	50.72	50.72	50.72
102	64.68	58.73	54.17	50.63	47.89	45.79	44.23	43.14	42.50	42.28	42.28	42.28	42.28	42.28	42.28
108	57.20	51.81	47.65	44.38	41.82	39.80	38.24	37.08	36.27	35.78	35.62	35.62	35.62	35.62	35.62
114	50.97	46.07	42.27	39.26	36.87	34.97	33.46	32.28	31.40	30.78	30.41	30.29	30.29	30.29	30.29
120	45.72	41.26	37.77	35.01	32.79	31.00	29.56	28.41	27.51	26.83	26.35	26.06	25.97	25.97	25.97
126	41.25	37.17	33.97	31.42	29.37	27.69	26.33	25.23	24.34	23.64	23.11	22.73	22.51	22.43	22.43
132	37.42	33.67	30.73	28.38	26.47	24.91	23.63	22.57	21.71	21.01	20.46	20.04	19.75	19.57	19.51
138	34.10	30.65	27.94	25.76	23.99	22.54	21.34	20.34	19.51	18.83	18.28	17.84	17.50	17.26	17.12
144	31.21	28.03	25.52	23.50	21.86	20.50	19.37	18.43	17.64	16.98	16.44	16.00	15.64	15.37	15.18
150	28.68	25.73	23.41	21.53	20.00	18.73	17.68	16.79	16.04	15.41	14.88	14.44	14.08	13.80	13.58
156	26.44	23.71	21.55	19.81	18.38	17.19	16.20	15.36	14.65	14.05	13.55	13.12	12.76	12.47	12.23
162	24.46	21.92	19.91	18.28	16.95	15.84	14.91	14.12	13.45	12.88	12.39	11.98	11.63	11.33	11.09
168	22.34	20.03	18.21	16.74	15.53	14.53	13.69	12.97	12.37	11.85	11.38	10.98	10.64	10.35	10.11
174	20.06	17.98	16.33	15.00	13.91	13.00	12.23	11.58	11.03	10.56	10.15	9.80	9.50	9.25	9.03
180	18.08	16.20	14.71	13.50	12.50	11.67	10.98	10.39	9.88	9.44	9.07	8.75	8.47	8.23	8.02
186	16.36	14.65	13.29	12.19	11.28	10.53	9.89	9.35	8.89	8.49	8.14	7.84	7.58	7.36	7.16
192	14.85	13.29	12.05	11.05	10.22	9.53	8.95	8.45	8.02	7.65	7.33	7.06	6.82	6.61	6.42
198	13.52	12.09	10.96	10.04	9.29	8.65	8.12	7.66	7.27	6.93	6.63	6.38	6.15	5.96	5.78
204	12.34	11.04	10.00	9.16	8.46	7.88	7.39	6.97	6.61	6.29	6.02	5.78	5.57	5.39	5.23
210	11.30	10.10	9.15	8.38	7.74	7.20	6.75	6.36	6.03	5.74	5.48	5.26	5.07	4.90	4.74
216	10.37	9.27	8.39	7.68	7.09	6.60	6.18	5.82	5.51	5.24	5.01	4.80	4.62	4.46	4.32

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, C, & D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

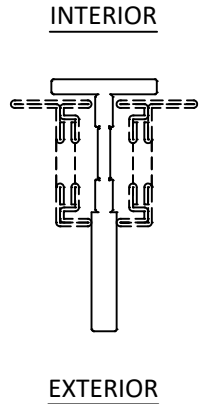
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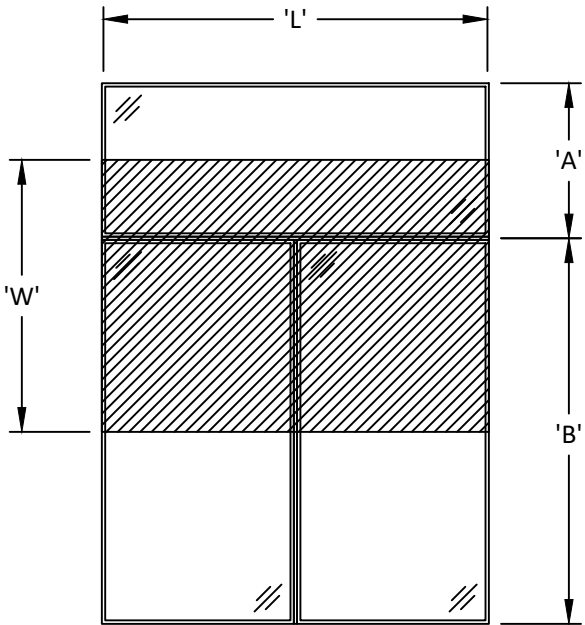
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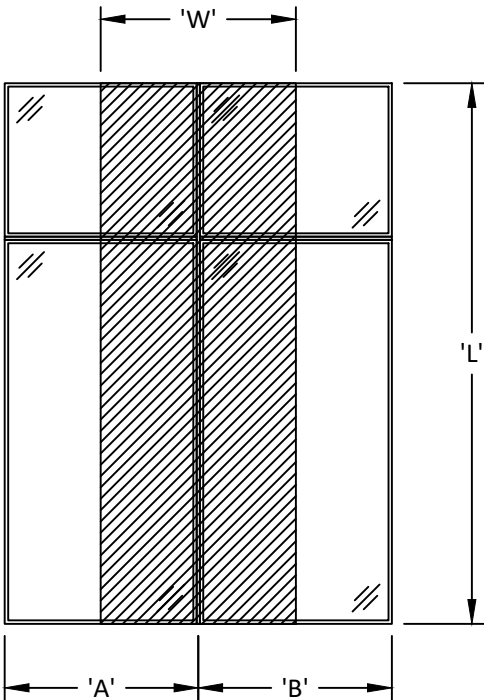
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MULLION DETAIL
FT 1001042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
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DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, TWO-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	62.26	59.43
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.93	58.83	56.03	53.48
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	62.92	59.43	56.30	53.48	50.94	48.62
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.12	60.11	56.57	53.43	50.62	48.09	45.80	43.72
78	65.00	65.00	65.00	65.00	65.00	63.04	58.53	54.63	51.22	48.21	45.53	43.13	40.97	39.02	37.25
84	65.00	65.00	65.00	64.24	58.88	54.35	50.47	47.11	44.16	41.56	39.26	37.19	35.33	33.65	32.12
90	65.00	65.00	61.55	55.96	51.29	47.35	43.97	41.04	38.47	36.21	34.20	32.40	30.78	29.31	27.98
96	65.00	60.11	54.10	49.18	45.08	41.61	38.64	36.07	33.81	31.82	30.06	28.47	27.05	25.76	24.59
102	59.90	53.25	47.92	43.57	39.93	36.86	34.23	31.95	29.95	28.19	26.62	25.22	23.96	22.82	21.78
108	53.43	47.49	42.74	38.86	35.62	32.88	30.53	28.50	26.72	25.14	23.75	22.50	21.37	20.35	19.43
114	47.95	42.63	38.36	34.88	31.97	29.51	27.40	25.58	23.98	22.57	21.31	20.19	19.18	18.27	17.44
120	43.28	38.47	34.62	31.48	28.85	26.63	24.73	23.08	21.64	20.37	19.24	18.22	17.31	16.49	15.74
126	39.26	34.89	31.40	28.55	26.17	24.16	22.43	20.94	19.63	18.47	17.45	16.53	15.70	14.95	14.27
132	35.77	31.79	28.61	26.01	23.85	22.01	20.44	19.08	17.88	16.83	15.90	15.06	14.31	13.63	13.01
138	32.73	29.09	26.18	23.80	21.82	20.14	18.70	17.45	16.36	15.40	14.54	13.78	13.09	12.47	11.90
144	30.06	26.72	24.04	21.86	20.04	18.50	17.17	16.03	15.03	14.14	13.36	12.65	12.02	11.45	10.93
150	27.70	24.62	22.16	20.14	18.47	17.05	15.83	14.77	13.85	13.03	12.31	11.66	11.08	10.55	10.07
156	25.61	22.76	20.49	18.62	17.07	15.76	14.63	13.66	12.80	12.05	11.38	10.78	10.24	9.76	9.31
162	23.75	21.11	19.00	17.27	15.83	14.61	13.57	12.67	11.87	11.18	10.55	10.00	9.50	9.05	8.64
168	21.61	19.21	17.29	15.72	14.41	13.30	12.35	11.53	10.81	10.17	9.61	9.10	8.65	8.23	7.86
174	19.45	17.29	15.56	14.15	12.97	11.97	11.12	10.38	9.73	9.16	8.65	8.19	7.78	7.41	7.07
180	17.57	15.62	14.06	12.78	11.72	10.81	10.04	9.37	8.79	8.27	7.81	7.40	7.03	6.69	6.39
186	15.93	14.16	12.74	11.58	10.62	9.80	9.10	8.49	7.96	7.50	7.08	6.71	6.37	6.07	5.79
192	14.48	12.87	11.58	10.53	9.65	8.91	8.27	7.72	7.24	6.81	6.44	6.10	5.79	5.52	5.27
198	13.20	11.74	10.56	9.60	8.80	8.13	7.54	7.04	6.60	6.21	5.87	5.56	5.28	5.03	4.80
204	12.07	10.73	9.66	8.78	8.05	7.43	6.90	6.44	6.04	5.68	5.37	5.08	4.83	4.60	4.39
210	11.07	9.84	8.85	8.05	7.38	6.81	6.32	5.90	5.53	5.21	4.92	4.66	4.43	4.22	4.02
216	10.17	9.04	8.14	7.40	6.78	6.26	5.81	5.42	5.08	4.79	4.52	4.28	4.07	3.87	3.70

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com


BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES F. NORERO
P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

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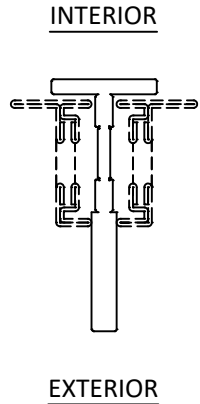
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REV.

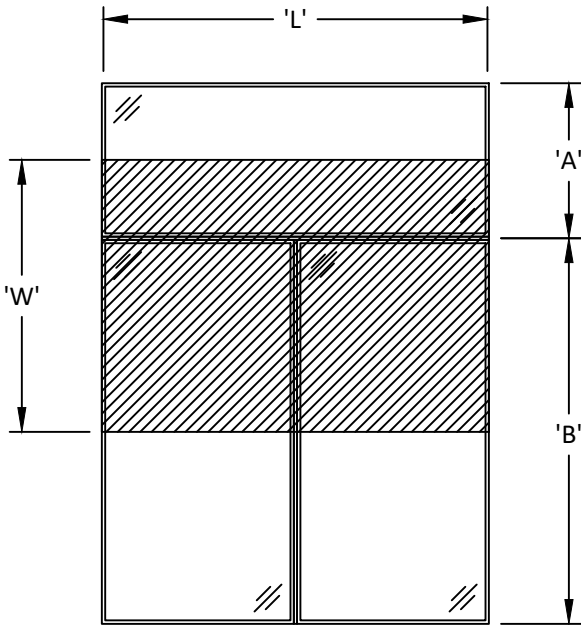
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OF 23

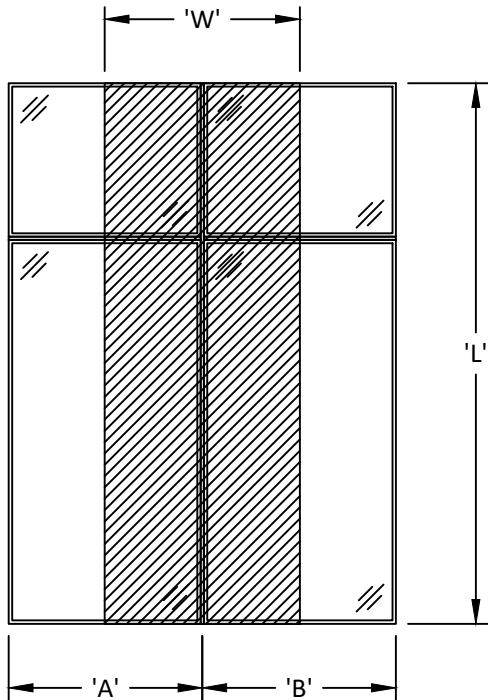
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MULLION DETAIL
FT 1001042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.

DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, TWO-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.00	56.47	53.33	50.53	48.00	45.71	43.64
54	65.00	65.00	65.00	65.00	65.00	65.00	60.95	56.89	53.33	50.20	47.41	44.91	42.67	40.63	38.79
60	65.00	65.00	65.00	65.00	64.00	59.08	54.86	51.20	48.00	45.18	42.67	40.42	38.40	36.57	34.91
66	65.00	65.00	65.00	63.47	58.18	53.71	49.87	46.55	43.64	41.07	38.79	36.75	34.91	33.25	31.74
72	65.00	65.00	64.00	58.18	53.33	49.23	45.71	42.67	40.00	37.65	35.56	33.68	32.00	30.48	29.09
78	65.00	65.00	59.08	53.71	49.23	45.44	42.20	39.38	36.92	34.75	32.82	31.09	29.54	28.13	26.85
84	65.00	60.95	54.86	49.87	45.71	42.20	39.18	36.57	34.29	32.27	30.48	28.87	27.43	26.12	24.94
90	64.00	56.89	51.20	46.55	42.67	39.38	36.57	34.13	32.00	30.12	28.44	26.95	25.60	24.38	23.27
96	60.00	53.33	48.00	43.64	40.00	36.92	34.29	32.00	30.00	28.24	26.67	25.26	24.00	22.86	21.82
102	56.47	50.20	45.18	41.07	37.65	34.75	32.27	30.12	28.24	26.57	25.10	23.78	22.59	21.51	20.53
108	53.33	47.41	42.67	38.79	35.56	32.82	30.48	28.44	26.67	25.10	23.70	22.46	21.33	20.32	19.39
114	47.95	42.63	38.36	34.88	31.97	29.51	27.40	25.58	23.98	22.57	21.31	20.19	19.18	18.27	17.44
120	43.28	38.47	34.62	31.48	28.85	26.63	24.73	23.08	21.64	20.37	19.24	18.22	17.31	16.49	15.74
126	39.26	34.89	31.40	28.55	26.17	24.16	22.43	20.94	19.63	18.47	17.45	16.53	15.70	14.95	14.27
132	35.77	31.79	28.61	26.01	23.85	22.01	20.44	19.08	17.88	16.83	15.90	15.06	14.31	13.63	13.01
138	32.73	29.09	26.18	23.80	21.82	20.14	18.70	17.45	16.36	15.40	14.54	13.78	13.09	12.47	11.90
144	30.06	26.72	24.04	21.86	20.04	18.50	17.17	16.03	15.03	14.14	13.36	12.65	12.02	11.45	10.93
150	27.70	24.62	22.16	20.14	18.47	17.05	15.83	14.77	13.85	13.03	12.31	11.66	11.08	10.55	10.07
156	25.61	22.76	20.49	18.62	17.07	15.76	14.63	13.66	12.80	12.05	11.38	10.78	10.24	9.76	9.31
162	23.75	21.11	19.00	17.27	15.83	14.61	13.57	12.67	11.87	11.18	10.55	10.00	9.50	9.05	8.64
168	21.61	19.21	17.29	15.72	14.41	13.30	12.35	11.53	10.81	10.17	9.61	9.10	8.65	8.23	7.86
174	19.45	17.29	15.56	14.15	12.97	11.97	11.12	10.38	9.73	9.16	8.65	8.19	7.78	7.41	7.07
180	17.57	15.62	14.06	12.78	11.72	10.81	10.04	9.37	8.79	8.27	7.81	7.40	7.03	6.69	6.39
186	15.93	14.16	12.74	11.58	10.62	9.80	9.10	8.49	7.96	7.50	7.08	6.71	6.37	6.07	5.79
192	14.48	12.87	11.58	10.53	9.65	8.91	8.27	7.72	7.24	6.81	6.44	6.10	5.79	5.52	5.27
198	13.20	11.74	10.56	9.60	8.80	8.13	7.54	7.04	6.60	6.21	5.87	5.56	5.28	5.03	4.80
204	12.07	10.73	9.66	8.78	8.05	7.43	6.90	6.44	6.04	5.68	5.37	5.08	4.83	4.60	4.39
210	11.07	9.84	8.85	8.05	7.38	6.81	6.32	5.90	5.53	5.21	4.92	4.66	4.43	4.22	4.02
216	10.17	9.04	8.14	7.40	6.78	6.26	5.81	5.42	5.08	4.79	4.52	4.28	4.07	3.87	3.70

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)
MULLION DESIGN PRESSURE TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

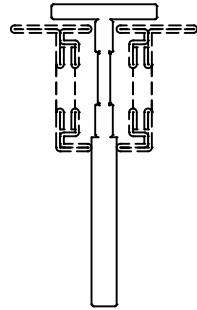
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DWG. #: **ELS012**

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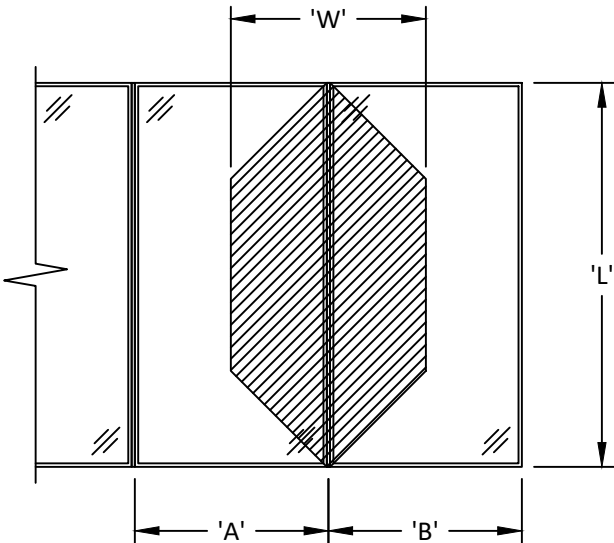
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INTERIOR

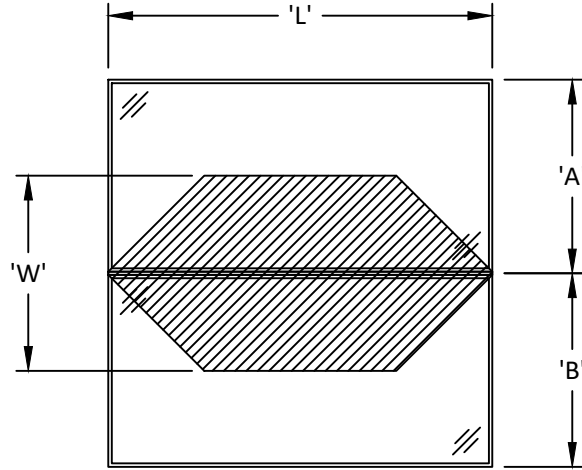


EXTERIOR

MULLION DETAIL
FT 1201042TF-14



ONE-WAY MULLION DIAGRAM



ONE-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES ONE-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
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DESIGN PRESSURE TABLE (+/- PSF) - FT 1201042TF-14, ONE-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
84	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
90	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
96	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
102	65.00	65.00	65.00	65.00	65.00	64.09	61.91	60.39	59.49	59.19	59.19	59.19	59.19	59.19	59.19
108	65.00	65.00	65.00	62.13	58.53	55.71	53.53	51.90	50.77	50.09	49.86	49.86	49.86	49.86	49.86
114	65.00	64.49	59.16	54.96	51.61	48.95	46.83	45.19	43.95	43.09	42.57	42.40	42.40	42.40	42.40
120	64.00	57.75	52.87	49.00	45.90	43.39	41.38	39.77	38.51	37.55	36.88	36.48	36.35	36.35	36.35
126	57.74	52.03	47.55	43.99	41.11	38.77	36.86	35.31	34.07	33.09	32.34	31.82	31.51	31.40	31.40
132	52.38	47.13	43.02	39.72	37.05	34.87	33.07	31.60	30.39	29.42	28.64	28.06	27.64	27.39	27.31
138	47.73	42.91	39.11	36.07	33.59	31.55	29.86	28.47	27.31	26.36	25.58	24.97	24.50	24.17	23.97
144	43.69	39.24	35.72	32.90	30.60	28.70	27.12	25.80	24.69	23.77	23.01	22.39	21.90	21.52	21.25
150	40.14	36.02	32.77	30.14	28.00	26.22	24.74	23.50	22.45	21.57	20.83	20.22	19.71	19.31	19.00
156	37.02	33.19	30.17	27.73	25.72	24.07	22.68	21.50	20.51	19.67	18.96	18.36	17.86	17.45	17.12
162	34.24	30.68	27.87	25.59	23.72	22.17	20.86	19.76	18.82	18.02	17.34	16.76	16.27	15.86	15.52
168	31.77	28.45	25.83	23.70	21.95	20.49	19.27	18.23	17.34	16.58	15.93	15.37	14.90	14.49	14.15
174	29.56	26.46	24.00	22.01	20.37	19.00	17.85	16.87	16.03	15.31	14.69	14.16	13.70	13.30	12.97
180	27.58	24.67	22.37	20.50	18.96	17.68	16.59	15.67	14.87	14.19	13.60	13.09	12.64	12.26	11.93
186	25.79	23.06	20.90	19.14	17.69	16.48	15.46	14.59	13.84	13.19	12.63	12.14	11.71	11.34	11.02
192	24.17	21.61	19.57	17.92	16.55	15.41	14.44	13.62	12.91	12.29	11.76	11.29	10.88	10.53	10.21
198	22.06	19.73	17.89	16.39	15.15	14.12	13.25	12.50	11.86	11.31	10.83	10.41	10.04	9.72	9.44
204	20.14	18.01	16.32	14.95	13.81	12.86	12.06	11.37	10.78	10.27	9.83	9.44	9.09	8.80	8.53
210	18.44	16.48	14.93	13.67	12.63	11.75	11.01	10.38	9.83	9.36	8.95	8.59	8.27	7.99	7.74
216	16.93	15.13	13.70	12.53	11.57	10.77	10.08	9.50	8.99	8.56	8.17	7.84	7.54	7.28	7.05

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

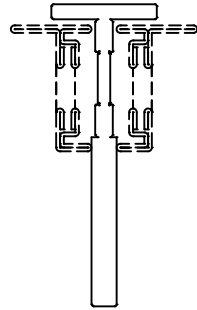
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REV. A

OF 23

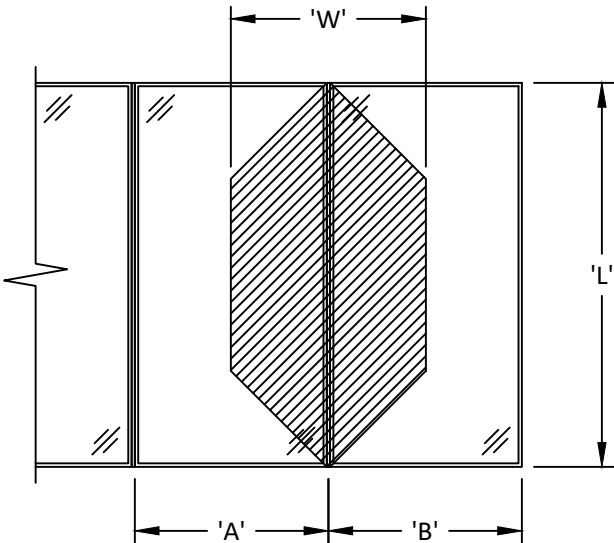
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INTERIOR

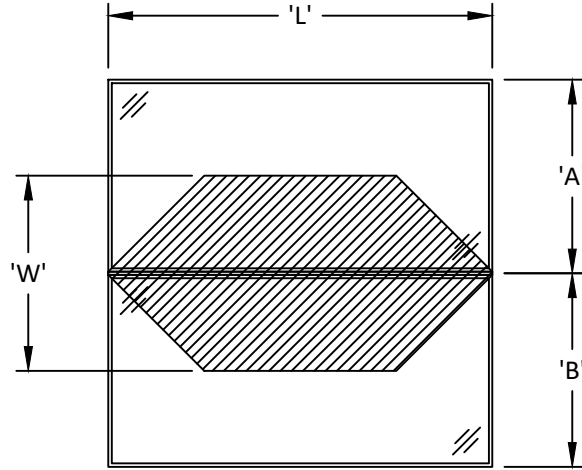


EXTERIOR

MULLION DETAIL
FT 1201042TF-14



ONE-WAY MULLION DIAGRAM



ONE-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES ONE-WAY MULLION CONFIGURATIONS.
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 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.

DESIGN PRESSURE TABLE (+/- PSF) - FT 1201042TF-14, ONE-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
84	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
90	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
96	65.00	65.00	65.00	65.00	64.00	62.19	60.95	60.24	60.00	60.00	60.00	60.00	60.00	60.00	60.00
102	65.00	65.00	64.00	60.71	58.18	56.26	54.86	53.89	53.33	53.15	53.15	53.15	53.15	53.15	53.15
108	65.00	63.21	59.08	55.85	53.33	51.37	49.87	48.76	48.00	47.55	47.41	47.41	47.41	47.41	47.41
114	64.00	58.85	54.86	51.72	49.23	47.26	45.71	44.52	43.64	43.03	42.57	42.40	42.40	42.40	42.40
120	60.00	55.05	51.20	48.15	45.71	43.39	41.38	39.77	38.51	37.55	36.88	36.48	36.35	36.35	36.35
126	56.47	51.72	47.55	43.99	41.11	38.77	36.86	35.31	34.07	33.09	32.34	31.82	31.51	31.40	31.40
132	52.38	47.13	43.02	39.72	37.05	34.87	33.07	31.60	30.39	29.42	28.64	28.06	27.64	27.39	27.31
138	47.73	42.91	39.11	36.07	33.59	31.55	29.86	28.47	27.31	26.36	25.58	24.97	24.50	24.17	23.97
144	43.69	39.24	35.72	32.90	30.60	28.70	27.12	25.80	24.69	23.77	23.01	22.39	21.90	21.52	21.25
150	40.14	36.02	32.77	30.14	28.00	26.22	24.74	23.50	22.45	21.57	20.83	20.22	19.71	19.31	19.00
156	37.02	33.19	30.17	27.73	25.72	24.07	22.68	21.50	20.51	19.67	18.96	18.36	17.86	17.45	17.12
162	34.24	30.68	27.87	25.59	23.72	22.17	20.86	19.76	18.82	18.02	17.34	16.76	16.27	15.86	15.52
168	31.77	28.45	25.83	23.70	21.95	20.49	19.27	18.23	17.34	16.58	15.93	15.37	14.90	14.49	14.15
174	29.56	26.46	24.00	22.01	20.37	19.00	17.85	16.87	16.03	15.31	14.69	14.16	13.70	13.30	12.97
180	27.58	24.67	22.37	20.50	18.96	17.68	16.59	15.67	14.87	14.19	13.60	13.09	12.64	12.26	11.93
186	25.79	23.06	20.90	19.14	17.69	16.48	15.46	14.59	13.84	13.19	12.63	12.14	11.71	11.34	11.02
192	24.17	21.61	19.57	17.92	16.55	15.41	14.44	13.62	12.91	12.29	11.76	11.29	10.88	10.53	10.21
198	22.06	19.73	17.89	16.39	15.15	14.12	13.25	12.50	11.86	11.31	10.83	10.41	10.04	9.72	9.44
204	20.14	18.01	16.32	14.95	13.81	12.86	12.06	11.37	10.78	10.27	9.83	9.44	9.09	8.80	8.53
210	18.44	16.48	14.93	13.67	12.63	11.75	11.01	10.38	9.83	9.36	8.95	8.59	8.27	7.99	7.74
216	16.93	15.13	13.70	12.53	11.57	10.77	10.08	9.50	8.99	8.56	8.17	7.84	7.54	7.28	7.05

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

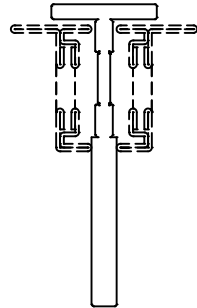
14

REV. A

OF 23

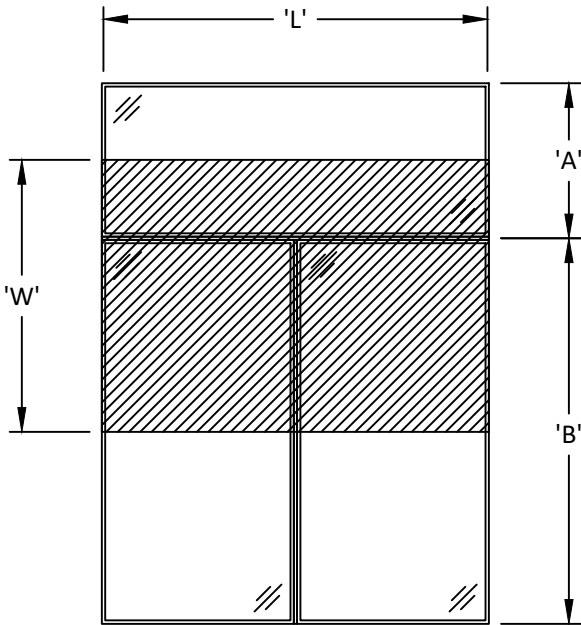
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INTERIOR

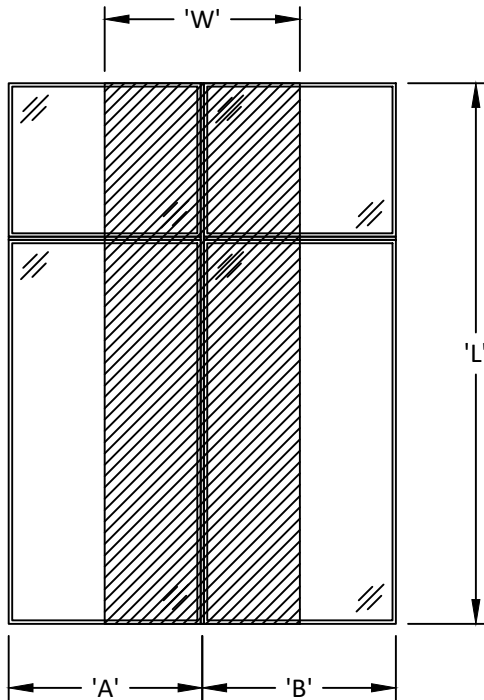


EXTERIOR

MULLION DETAIL
FT 1201042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 1201042TF-14, TWO-WAY MULLION

'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	62.26	59.43
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.93	58.83	56.03	53.48
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	62.92	59.43	56.30	53.48	50.94	48.62
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.28	57.68	54.47	51.61	49.03	46.69	44.57
78	65.00	65.00	65.00	65.00	65.00	65.00	64.65	60.34	56.57	53.24	50.28	47.64	45.26	43.10	41.14
84	65.00	65.00	65.00	65.00	65.00	64.65	60.03	56.03	52.53	49.44	46.69	44.23	42.02	40.02	38.20
90	65.00	65.00	65.00	65.00	65.00	60.34	56.03	52.30	49.03	46.14	43.58	41.29	39.22	37.35	35.66
96	65.00	65.00	65.00	65.00	61.28	56.57	52.53	49.03	45.96	43.26	40.86	38.71	36.77	35.02	33.43
102	65.00	65.00	65.00	60.98	55.90	51.60	47.91	44.72	41.93	39.46	37.27	35.31	33.54	31.94	30.49
108	65.00	65.00	59.83	54.39	49.86	46.03	42.74	39.89	37.40	35.20	33.24	31.49	29.92	28.49	27.20
114	65.00	59.67	53.70	48.82	44.75	41.31	38.36	35.80	33.56	31.59	29.83	28.26	26.85	25.57	24.41
120	60.58	53.85	48.47	44.06	40.39	37.28	34.62	32.31	30.29	28.51	26.93	25.51	24.23	23.08	22.03
126	54.95	48.84	43.96	39.96	36.63	33.82	31.40	29.31	27.47	25.86	24.42	23.14	21.98	20.93	19.98
132	50.07	44.50	40.05	36.41	33.38	30.81	28.61	26.70	25.03	23.56	22.25	21.08	20.03	19.07	18.21
138	45.81	40.72	36.65	33.32	30.54	28.19	26.18	24.43	22.90	21.56	20.36	19.29	18.32	17.45	16.66
144	42.07	37.40	33.66	30.60	28.05	25.89	24.04	22.44	21.04	19.80	18.70	17.71	16.83	16.03	15.30
150	38.77	34.46	31.02	28.20	25.85	23.86	22.16	20.68	19.39	18.25	17.23	16.33	15.51	14.77	14.10
156	35.85	31.86	28.68	26.07	23.90	22.06	20.48	19.12	17.92	16.87	15.93	15.09	14.34	13.66	13.04
162	33.24	29.55	26.59	24.18	22.16	20.46	19.00	17.73	16.62	15.64	14.77	14.00	13.30	12.66	12.09
168	30.91	27.47	24.73	22.48	20.61	19.02	17.66	16.48	15.45	14.55	13.74	13.01	12.36	11.77	11.24
174	28.81	25.61	23.05	20.96	19.21	17.73	16.47	15.37	14.41	13.56	12.81	12.13	11.53	10.98	10.48
180	26.93	23.93	21.54	19.58	17.95	16.57	15.39	14.36	13.46	12.67	11.97	11.34	10.77	10.26	9.79
186	25.22	22.41	20.17	18.34	16.81	15.52	14.41	13.45	12.61	11.87	11.21	10.62	10.09	9.61	9.17
192	23.63	21.00	18.90	17.18	15.75	14.54	13.50	12.60	11.81	11.12	10.50	9.95	9.45	9.00	8.59
198	21.54	19.15	17.24	15.67	14.36	13.26	12.31	11.49	10.77	10.14	9.58	9.07	8.62	8.21	7.83
204	19.70	17.51	15.76	14.33	13.13	12.12	11.26	10.51	9.85	9.27	8.75	8.29	7.88	7.50	7.16
210	18.06	16.05	14.45	13.13	12.04	11.11	10.32	9.63	9.03	8.50	8.03	7.60	7.22	6.88	6.57
216	16.59	14.75	13.28	12.07	11.06	10.21	9.48	8.85	8.30	7.81	7.38	6.99	6.64	6.32	6.03

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

SCALE: **NTS**

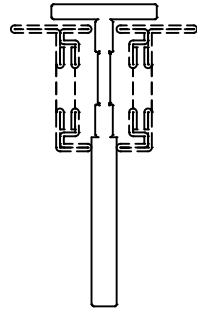
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SHEET: **15** REV. **A**

OF 23

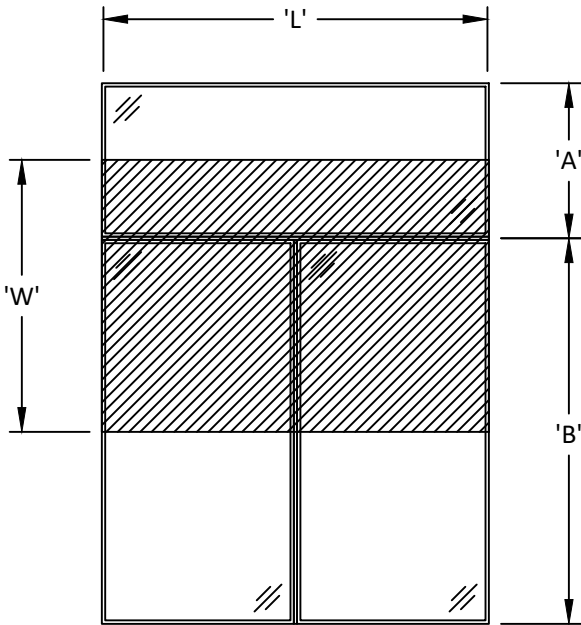
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INTERIOR

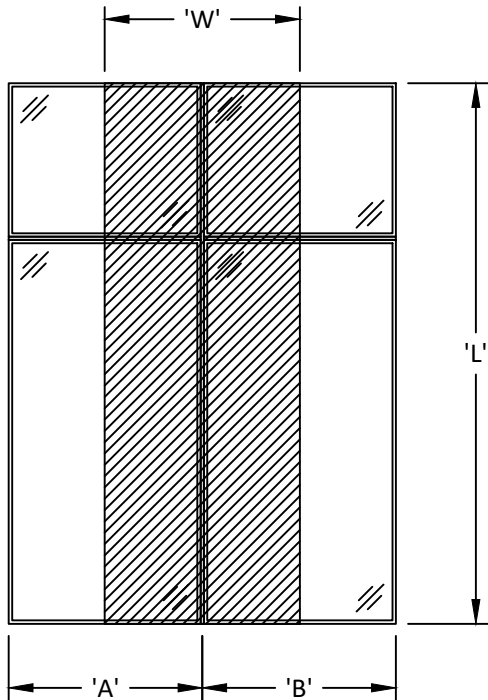


EXTERIOR

MULLION DETAIL
FT 1201042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 1201042TF-14, TWO-WAY MULLION

'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.00	56.47	53.33	50.53	48.00	45.71	43.64
54	65.00	65.00	65.00	65.00	65.00	65.00	60.95	56.89	53.33	50.20	47.41	44.91	42.67	40.63	38.79
60	65.00	65.00	65.00	65.00	64.00	59.08	54.86	51.20	48.00	45.18	42.67	40.42	38.40	36.57	34.91
66	65.00	65.00	65.00	63.47	58.18	53.71	49.87	46.55	43.64	41.07	38.79	36.75	34.91	33.25	31.74
72	65.00	65.00	64.00	58.18	53.33	49.23	45.71	42.67	40.00	37.65	35.56	33.68	32.00	30.48	29.09
78	65.00	65.00	59.08	53.71	49.23	45.44	42.20	39.38	36.92	34.75	32.82	31.09	29.54	28.13	26.85
84	65.00	60.95	54.86	49.87	45.71	42.20	39.18	36.57	34.29	32.27	30.48	28.87	27.43	26.12	24.94
90	64.00	56.89	51.20	46.55	42.67	39.38	36.57	34.13	32.00	30.12	28.44	26.95	25.60	24.38	23.27
96	60.00	53.33	48.00	43.64	40.00	36.92	34.29	32.00	30.00	28.24	26.67	25.26	24.00	22.86	21.82
102	56.47	50.20	45.18	41.07	37.65	34.75	32.27	30.12	28.24	26.57	25.10	23.78	22.59	21.51	20.53
108	53.33	47.41	42.67	38.79	35.56	32.82	30.48	28.44	26.67	25.10	23.70	22.46	21.33	20.32	19.39
114	50.53	44.91	40.42	36.75	33.68	31.09	28.87	26.95	25.26	23.78	22.46	21.27	20.21	19.25	18.37
120	48.00	42.67	38.40	34.91	32.00	29.54	27.43	25.60	24.00	22.59	21.33	20.21	19.20	18.29	17.45
126	45.71	40.63	36.57	33.25	30.48	28.13	26.12	24.38	22.86	21.51	20.32	19.25	18.29	17.41	16.62
132	43.64	38.79	34.91	31.74	29.09	26.85	24.94	23.27	21.82	20.53	19.39	18.37	17.45	16.62	15.87
138	41.74	37.10	33.39	30.36	27.83	25.69	23.85	22.26	20.87	19.64	18.55	17.57	16.70	15.90	15.18
144	40.00	35.56	32.00	29.09	26.67	24.62	22.86	21.33	20.00	18.82	17.78	16.84	16.00	15.24	14.55
150	38.40	34.13	30.72	27.93	25.60	23.63	21.94	20.48	19.20	18.07	17.07	16.17	15.36	14.63	13.96
156	35.85	31.86	28.68	26.07	23.90	22.06	20.48	19.12	17.92	16.87	15.93	15.09	14.34	13.66	13.04
162	33.24	29.55	26.59	24.18	22.16	20.46	19.00	17.73	16.62	15.64	14.77	14.00	13.30	12.66	12.09
168	30.91	27.47	24.73	22.48	20.61	19.02	17.66	16.48	15.45	14.55	13.74	13.01	12.36	11.77	11.24
174	28.81	25.61	23.05	20.96	19.21	17.73	16.47	15.37	14.41	13.56	12.81	12.13	11.53	10.98	10.48
180	26.93	23.93	21.54	19.58	17.95	16.57	15.39	14.36	13.46	12.67	11.97	11.34	10.77	10.26	9.79
186	25.22	22.41	20.17	18.34	16.81	15.52	14.41	13.45	12.61	11.87	11.21	10.62	10.09	9.61	9.17
192	23.63	21.00	18.90	17.18	15.75	14.54	13.50	12.60	11.81	11.12	10.50	9.95	9.45	9.00	8.59
198	21.54	19.15	17.24	15.67	14.36	13.26	12.31	11.49	10.77	10.14	9.58	9.07	8.62	8.21	7.83
204	19.70	17.51	15.76	14.33	13.13	12.12	11.26	10.51	9.85	9.27	8.75	8.29	7.88	7.50	7.16
210	18.06	16.05	14.45	13.13	12.04	11.11	10.32	9.63	9.03	8.50	8.03	7.60	7.22	6.88	6.57
216	16.59	14.75	13.28	12.07	11.06	10.21	9.48	8.85	8.30	7.81	7.38	6.99	6.64	6.32	6.03

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com


BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES F. NORERO
P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ELS012**

SHEET: **16** REV. **A**

OF 23

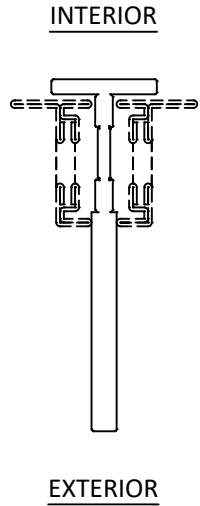


NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, C, & D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

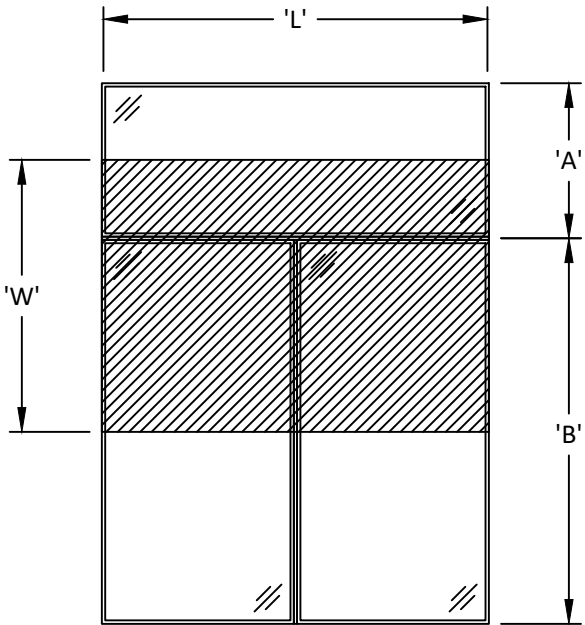
NOTE:

1. MULLION TABLES APPLIES ONE-WAY MULLION CONFIGURATIONS.
2. DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3. DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
4. REFER TO SHEET 4 FOR ANCHOR TYPES.
5. REFER TO SHEET 4 FOR INSTALLATION DETAILS.
6. WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.

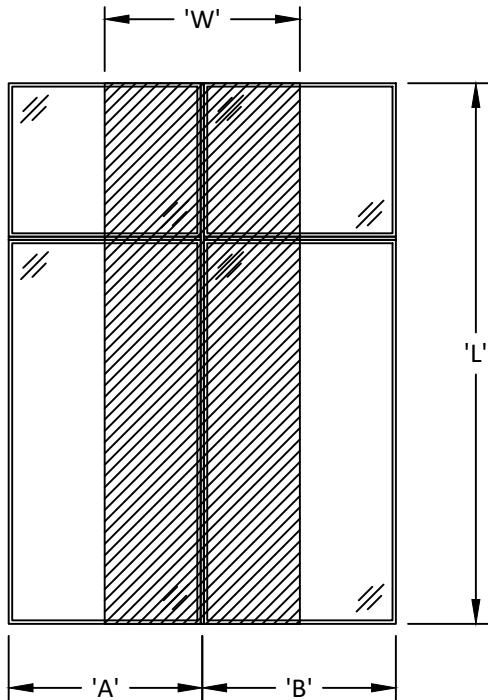
c:\users\mengasun\building drops, inc\building drops landing - common\projects\2026 code change projects\euroline steel windows & doors\cc-26-0522.2 - 2026 code change\dwgs\els012 - a.dwg 7/27/2026 4:42 PM



MULLION DETAIL
FT 1401042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
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 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
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 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
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DESIGN PRESSURE TABLE (+/- PSF) - FT 1401042TF-14, TWO-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.65	61.71
84	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	63.03	60.03	57.30
90	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	63.31	59.98	56.98	54.26	51.80
96	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	62.60	58.91	55.64	52.71	50.08	47.69	45.52
102	65.00	65.00	65.00	65.00	65.00	65.00	63.37	59.15	55.45	52.19	49.29	46.69	44.36	42.25	40.33
108	65.00	65.00	65.00	65.00	65.00	60.87	56.52	52.76	49.46	46.55	43.96	41.65	39.57	37.68	35.97
114	65.00	65.00	65.00	64.57	59.19	54.63	50.73	47.35	44.39	41.78	39.46	37.38	35.51	33.82	32.28
120	65.00	65.00	64.10	58.27	53.42	49.31	45.78	42.73	40.06	37.71	35.61	33.74	32.05	30.52	29.14
126	65.00	64.60	58.14	52.85	48.45	44.72	41.53	38.76	36.34	34.20	32.30	30.60	29.07	27.69	26.43
132	65.00	58.86	52.97	48.16	44.15	40.75	37.84	35.32	33.11	31.16	29.43	27.88	26.49	25.23	24.08
138	60.58	53.85	48.47	44.06	40.39	37.28	34.62	32.31	30.29	28.51	26.93	25.51	24.23	23.08	22.03
144	55.64	49.46	44.51	40.47	37.09	34.24	31.79	29.68	27.82	26.18	24.73	23.43	22.26	21.20	20.23
150	51.28	45.58	41.02	37.29	34.19	31.56	29.30	27.35	25.64	24.13	22.79	21.59	20.51	19.53	18.65
156	47.41	42.14	37.93	34.48	31.61	29.18	27.09	25.29	23.71	22.31	21.07	19.96	18.96	18.06	17.24
162	43.96	39.08	35.17	31.97	29.31	27.05	25.12	23.45	21.98	20.69	19.54	18.51	17.59	16.75	15.99
168	40.88	36.34	32.70	29.73	27.25	25.16	23.36	21.80	20.44	19.24	18.17	17.21	16.35	15.57	14.87
174	38.11	33.87	30.49	27.72	25.41	23.45	21.78	20.32	19.05	17.93	16.94	16.05	15.24	14.52	13.86
180	35.61	31.65	28.49	25.90	23.74	21.91	20.35	18.99	17.81	16.76	15.83	14.99	14.24	13.57	12.95
186	33.35	29.64	26.68	24.25	22.23	20.52	19.06	17.79	16.67	15.69	14.82	14.04	13.34	12.70	12.13
192	31.30	27.82	25.04	22.76	20.87	19.26	17.88	16.69	15.65	14.73	13.91	13.18	12.52	11.92	11.38
198	29.43	26.16	23.54	21.40	19.62	18.11	16.82	15.70	14.72	13.85	13.08	12.39	11.77	11.21	10.70
204	27.72	24.64	22.18	20.16	18.48	17.06	15.84	14.79	13.86	13.05	12.32	11.67	11.09	10.56	10.08
210	26.16	23.26	20.93	19.03	17.44	16.10	14.95	13.95	13.08	12.31	11.63	11.02	10.47	9.97	9.51
216	24.73	21.98	19.78	17.99	16.49	15.22	14.13	13.19	12.36	11.64	10.99	10.41	9.89	9.42	8.99

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)
MULLION DESIGN PRESSURE TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

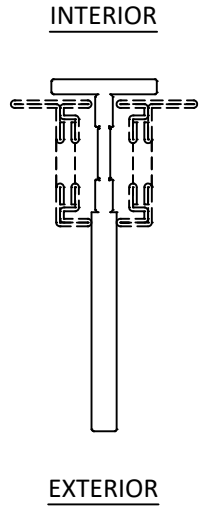
SCALE: **NTS**

DWG. #: **ELS012**

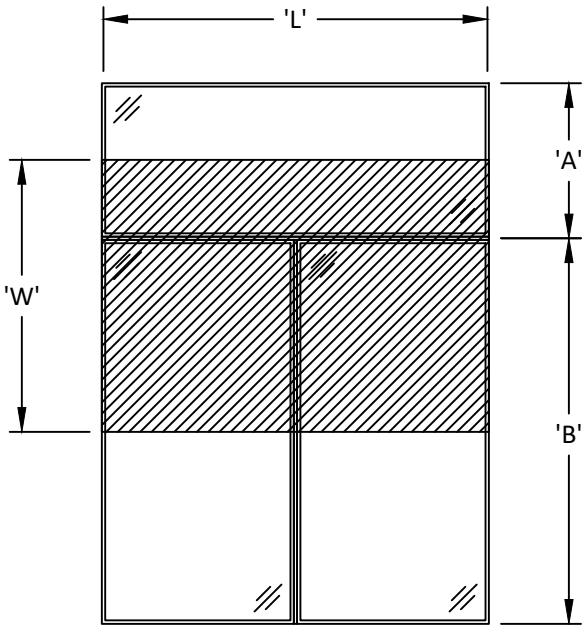
SHEET: **18** REV. **A**

OF 23

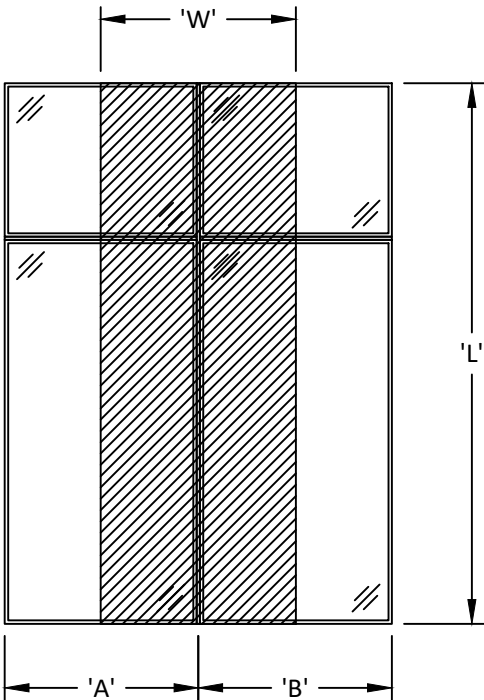
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MULLION DETAIL
FT 1401042TF-14



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 1401042TF-14, TWO-WAY MULLION

'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.95	58.18
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.63	57.60	54.86	52.36
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.60	58.18	55.12	52.36	49.87	47.60
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.00	60.00	56.47	53.33	50.53	48.00	45.71	43.64
78	65.00	65.00	65.00	65.00	65.00	65.00	63.30	59.08	55.38	52.13	49.23	46.64	44.31	42.20	40.28
84	65.00	65.00	65.00	65.00	65.00	63.30	58.78	54.86	51.43	48.40	45.71	43.31	41.14	39.18	37.40
90	65.00	65.00	65.00	65.00	64.00	59.08	54.86	51.20	48.00	45.18	42.67	40.42	38.40	36.57	34.91
96	65.00	65.00	65.00	65.00	60.00	55.38	51.43	48.00	45.00	42.35	40.00	37.89	36.00	34.29	32.73
102	65.00	65.00	65.00	61.60	56.47	52.13	48.40	45.18	42.35	39.86	37.65	35.67	33.88	32.27	30.80
108	65.00	65.00	64.00	58.18	53.33	49.23	45.71	42.67	40.00	37.65	35.56	33.68	32.00	30.48	29.09
114	65.00	65.00	60.63	55.12	50.53	46.64	43.31	40.42	37.89	35.67	33.68	31.91	30.32	28.87	27.56
120	65.00	64.00	57.60	52.36	48.00	44.31	41.14	38.40	36.00	33.88	32.00	30.32	28.80	27.43	26.18
126	65.00	60.95	54.86	49.87	45.71	42.20	39.18	36.57	34.29	32.27	30.48	28.87	27.43	26.12	24.94
132	65.00	58.18	52.36	47.60	43.64	40.28	37.40	34.91	32.73	30.80	29.09	27.56	26.18	24.94	23.80
138	60.58	53.85	48.47	44.06	40.39	37.28	34.62	32.31	30.29	28.51	26.93	25.51	24.23	23.08	22.03
144	55.64	49.46	44.51	40.47	37.09	34.24	31.79	29.68	27.82	26.18	24.73	23.43	22.26	21.20	20.23
150	51.28	45.58	41.02	37.29	34.19	31.56	29.30	27.35	25.64	24.13	22.79	21.59	20.51	19.53	18.65
156	47.41	42.14	37.93	34.48	31.61	29.18	27.09	25.29	23.71	22.31	21.07	19.96	18.96	18.06	17.24
162	43.96	39.08	35.17	31.97	29.31	27.05	25.12	23.45	21.98	20.69	19.54	18.51	17.59	16.75	15.99
168	40.88	36.34	32.70	29.73	27.25	25.16	23.36	21.80	20.44	19.24	18.17	17.21	16.35	15.57	14.87
174	38.11	33.87	30.49	27.72	25.41	23.45	21.78	20.32	19.05	17.93	16.94	16.05	15.24	14.52	13.86
180	35.61	31.65	28.49	25.90	23.74	21.91	20.35	18.99	17.81	16.76	15.83	14.99	14.24	13.57	12.95
186	33.35	29.64	26.68	24.25	22.23	20.52	19.06	17.79	16.67	15.69	14.82	14.04	13.34	12.70	12.13
192	31.30	27.82	25.04	22.76	20.87	19.26	17.88	16.69	15.65	14.73	13.91	13.18	12.52	11.92	11.38
198	29.43	26.16	23.54	21.40	19.62	18.11	16.82	15.70	14.72	13.85	13.08	12.39	11.77	11.21	10.70
204	27.72	24.64	22.18	20.16	18.48	17.06	15.84	14.79	13.86	13.05	12.32	11.67	11.09	10.56	10.08
210	26.16	23.26	20.93	19.03	17.44	16.10	14.95	13.95	13.08	12.31	11.63	11.02	10.47	9.97	9.51
216	24.73	21.98	19.78	17.99	16.49	15.22	14.13	13.19	12.36	11.64	10.99	10.41	9.89	9.42	8.99

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
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 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
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 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
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22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com


BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

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HERMES F. NORERO
P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47873

DATE:

11.04.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS012

SHEET:

19

REV.

A

OF 23



NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

NOTE:

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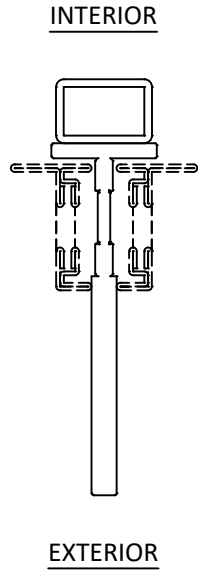


NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

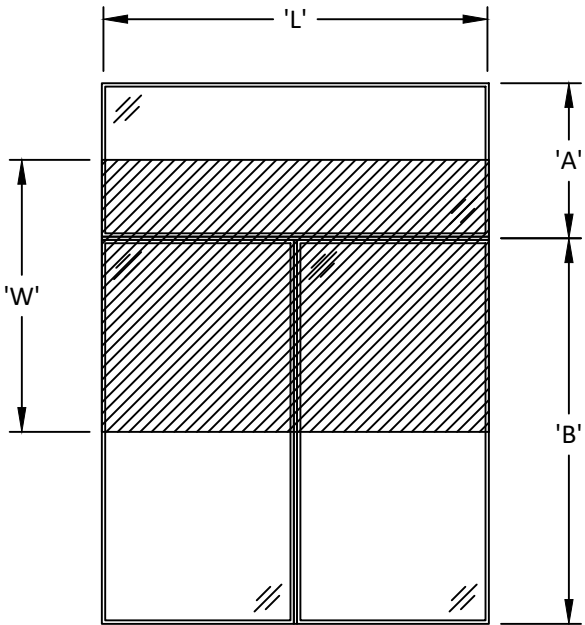
NOTE:

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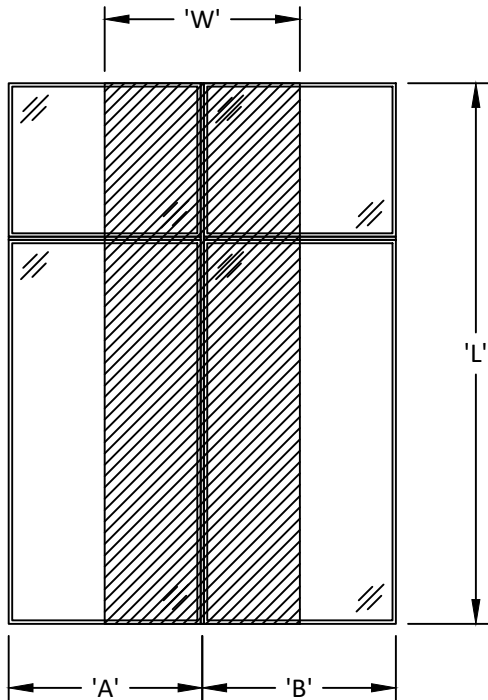
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MULLION DETAIL
FT 1401042TF-14 W/ 1" x 1.5" x 1/8" TUBE



TWO-WAY MULLION DIAGRAM



TWO-WAY MULLION DIAGRAM

DESIGN PRESSURE TABLE (+/- PSF) - FT 1401042TF-14 W/ 1" x 1.5" x 1/8" TUBE, TWO-WAY MULLION															
'L' - SPAN LENGTH (IN.)	'W' - TRIBUTARY WIDTH (IN.)														
	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
48	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
54	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
60	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
66	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
72	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
78	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.65	61.71
84	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	63.03	60.03	57.30
90	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.93	58.83	56.03	53.48
96	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.89	61.28	58.06	55.16	52.53	50.14
102	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	64.89	61.07	57.68	54.64	51.91	49.44	47.19
108	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.28	57.68	54.47	51.61	49.03	46.69	44.57
114	65.00	65.00	65.00	65.00	65.00	65.00	65.00	61.93	58.06	54.64	51.61	48.89	46.45	44.23	42.22
120	65.00	65.00	65.00	65.00	65.00	65.00	61.61	57.50	53.91	50.74	47.92	45.40	43.13	41.07	39.21
126	65.00	65.00	65.00	65.00	65.00	60.18	55.88	52.16	48.90	46.02	43.47	41.18	39.12	37.26	35.56
132	65.00	65.00	65.00	64.81	59.41	54.84	50.92	47.52	44.55	41.93	39.60	37.52	35.64	33.95	32.40
138	65.00	65.00	65.00	59.29	54.35	50.17	46.59	43.48	40.76	38.37	36.23	34.33	32.61	31.06	29.65
144	65.00	65.00	59.90	54.45	49.92	46.08	42.79	39.93	37.44	35.24	33.28	31.53	29.95	28.52	27.23
150	65.00	61.34	55.20	50.19	46.00	42.46	39.43	36.80	34.50	32.47	30.67	29.05	27.60	26.29	25.09
156	63.80	56.71	51.04	46.40	42.53	39.26	36.46	34.03	31.90	30.02	28.36	26.86	25.52	24.30	23.20
162	59.16	52.59	47.33	43.03	39.44	36.41	33.81	31.55	29.58	27.84	26.29	24.91	23.66	22.54	21.51
168	55.01	48.90	44.01	40.01	36.67	33.85	31.43	29.34	27.51	25.89	24.45	23.16	22.00	20.96	20.00
174	51.28	45.58	41.03	37.30	34.19	31.56	29.30	27.35	25.64	24.13	22.79	21.59	20.51	19.54	18.65
180	47.92	42.60	38.34	34.85	31.95	29.49	27.38	25.56	23.96	22.55	21.30	20.18	19.17	18.26	17.43
186	44.88	39.89	35.90	32.64	29.92	27.62	25.64	23.94	22.44	21.12	19.95	18.90	17.95	17.10	16.32
192	42.12	37.44	33.69	30.63	28.08	25.92	24.07	22.46	21.06	19.82	18.72	17.73	16.85	16.04	15.32
198	39.60	35.20	31.68	28.80	26.40	24.37	22.63	21.12	19.80	18.64	17.60	16.68	15.84	15.09	14.40
204	37.31	33.16	29.85	27.13	24.87	22.96	21.32	19.90	18.65	17.56	16.58	15.71	14.92	14.21	13.57
210	35.21	31.29	28.17	25.60	23.47	21.67	20.12	18.78	17.60	16.57	15.65	14.82	14.08	13.41	12.80
216	33.28	29.58	26.62	24.20	22.19	20.48	19.02	17.75	16.64	15.66	14.79	14.01	13.31	12.68	12.10

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

TRIBUTARY WIDTH $W = \frac{A+B}{2}$

- NOTE:
- MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
 - DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPES.
 - REFER TO SHEET 4 FOR INSTALLATION DETAILS.
 - WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



22600 SAVI RANCH PKWY
YORBA LINDA, CA 92887
PH: (877) 590-2714

TITLE:
SERIES 900 STEEL MULLION -
WELD INSTALLATION
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

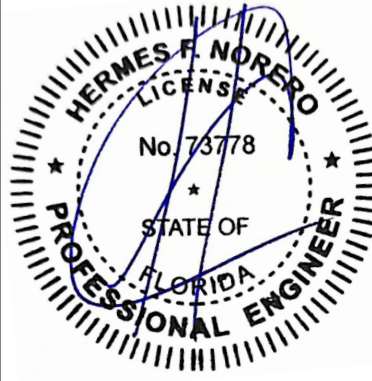
PREPARED BY:

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1900 NE MIAMI COURT, SUITE 2-15
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FAX: (954) 744-4738
WEB: www.buildingdrops.com


BUILDING DROPS

REMARKS	BY	DATE
A. 2026 FBC UPDATE	MS	7/21/2026

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

DATE: **11.04.2025**

DWG. BY: **MS** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ELS012**

SHEET: **22** REV. **A**



NOTE: THIS TABLE APPLIES TO ANCHOR TYPE D. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

NOTE:

1. MULLION TABLES APPLIES TWO-WAY MULLION CONFIGURATIONS.
2. DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3. DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT UNITS SHALL BE UNDER SEPARATE FL APPROVAL.
4. REFER TO SHEET 4 FOR ANCHOR TYPES.
5. REFER TO SHEET 4 FOR INSTALLATION DETAILS.
6. WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/ INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.