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PALM CITY IRONWORKS, INC.

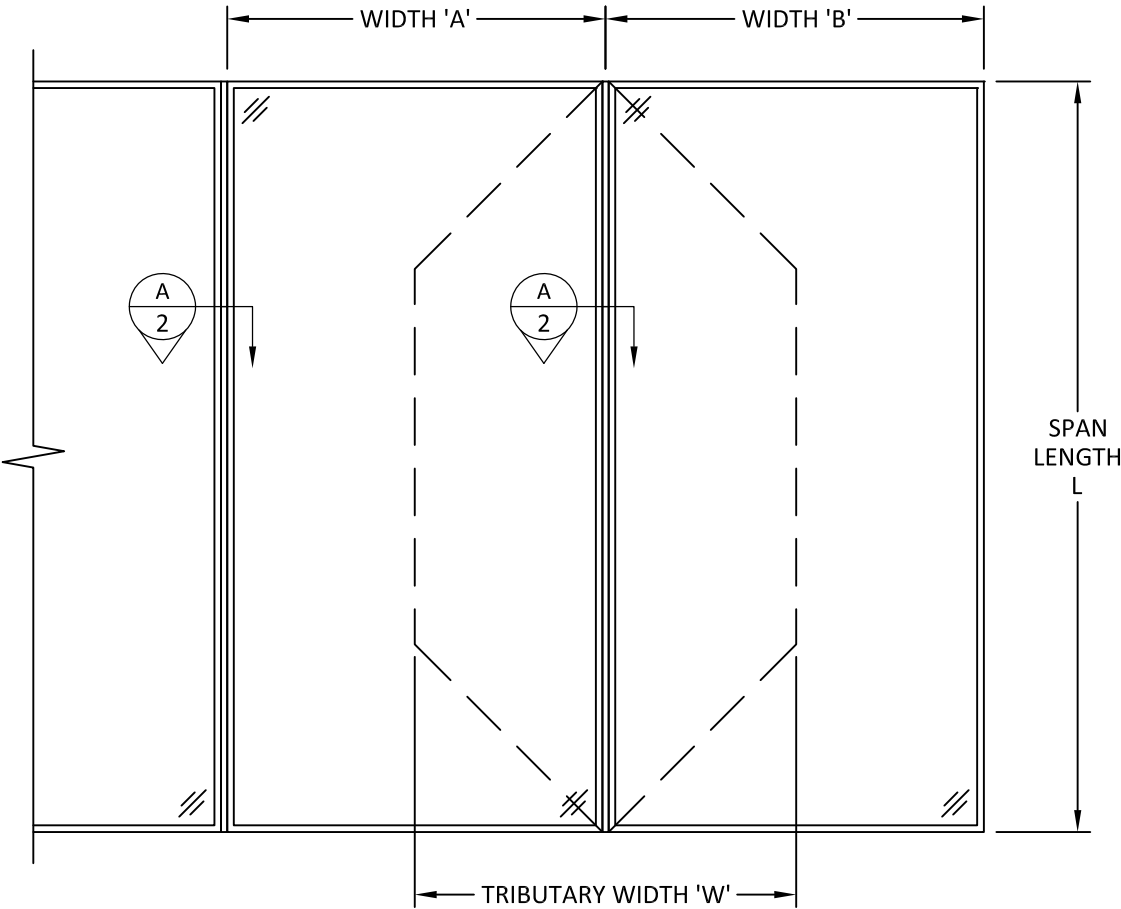
STEEL MULLION

(HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **INCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- ASTM E1886-19
 - ASTM E1996-20
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
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.
6. MULLION & CLIP MATERIAL: Q235B STEEL.
7. SEE SHEET 4 FOR INSTALLATION ANCHOR REQUIREMENTS, SEE SHEETS 5 THRU 9 FOR MULLION DESIGN LOADS CAPACITIES.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND TYPICAL ELEVATION
2	MULLION CROSS SECTION
3	MULLION CLIP DETAILS
4	INSTALLATION NOTES AND DETAILS
5	MULLION DESIGN PRESSURE TABLES
6	MULLION DESIGN PRESSURE TABLES
7	MULLION DESIGN PRESSURE TABLES
8	MULLION DESIGN PRESSURE TABLES
9	MULLION DESIGN PRESSURE TABLES



TYPICAL ELEVATION

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



3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

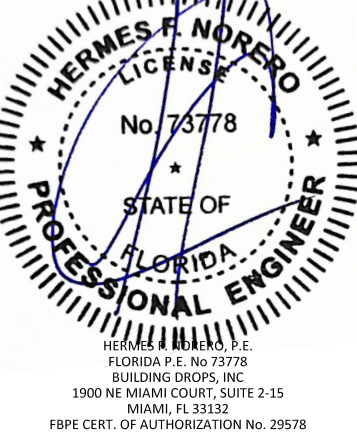
GENERAL NOTES & TYPICAL ELEVATION

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

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.09.03 18:58:38 -04'00'



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MS

CHK. BY:
HFN

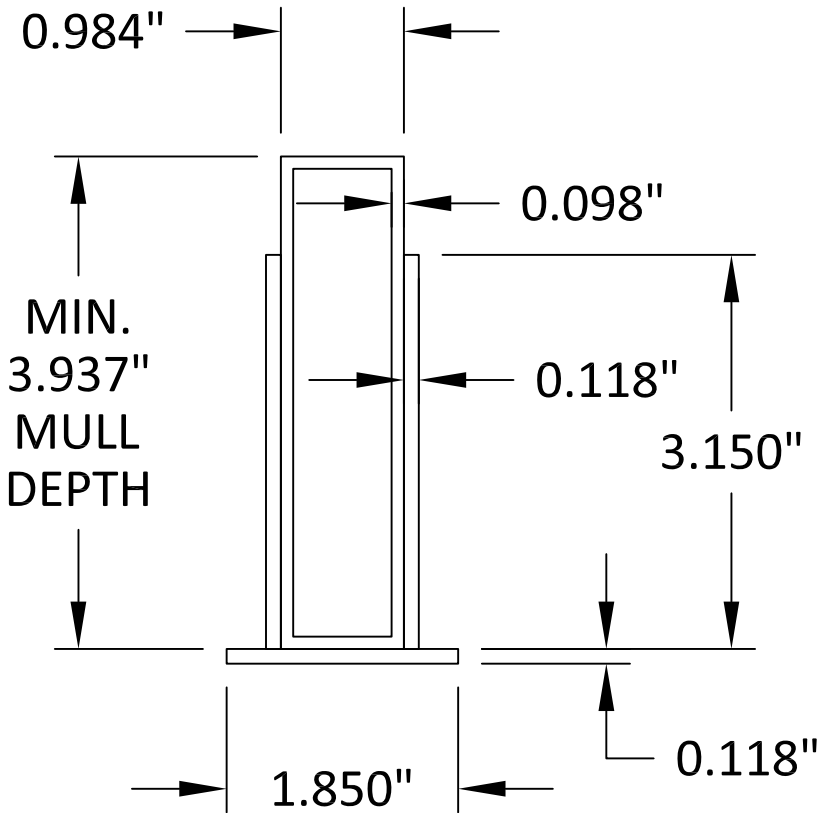
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DWG. #:
PCI021

SHEET:
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A
2 CROSS SECTION
MULLION



3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:

STEEL MULLION
(HVHZ) (IMPACT)

MULLION CROSS SECTION

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**BUILDING DROPS**

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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 #:
FL47017

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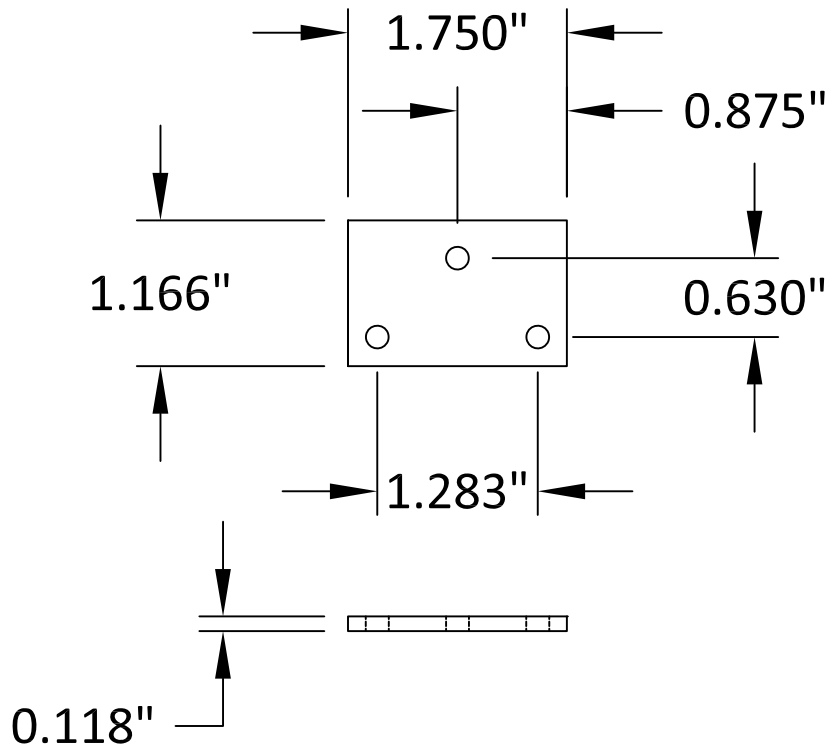
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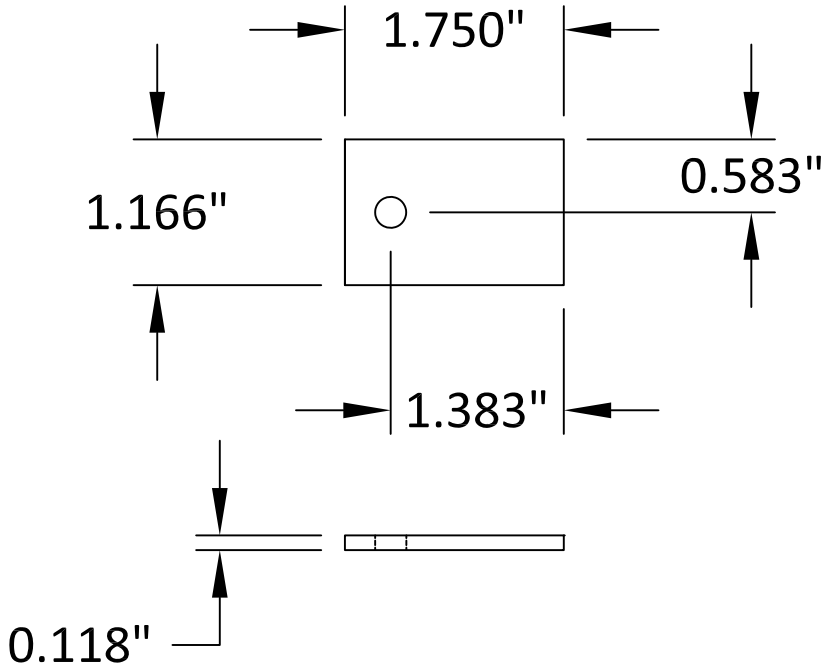
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B
3 MULLION CLIP DETAIL
ANCHOR TYPES A & B



C
3 MULLION CLIP DETAIL
ANCHOR TYPES C, D, & E

SEE SHEET 4 FOR ANCHOR TYPES



3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:

STEEL MULLION
(HVHZ) (IMPACT)

MULLION CLIP DETAILS

PREPARED BY:

BUILDING DROPS

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

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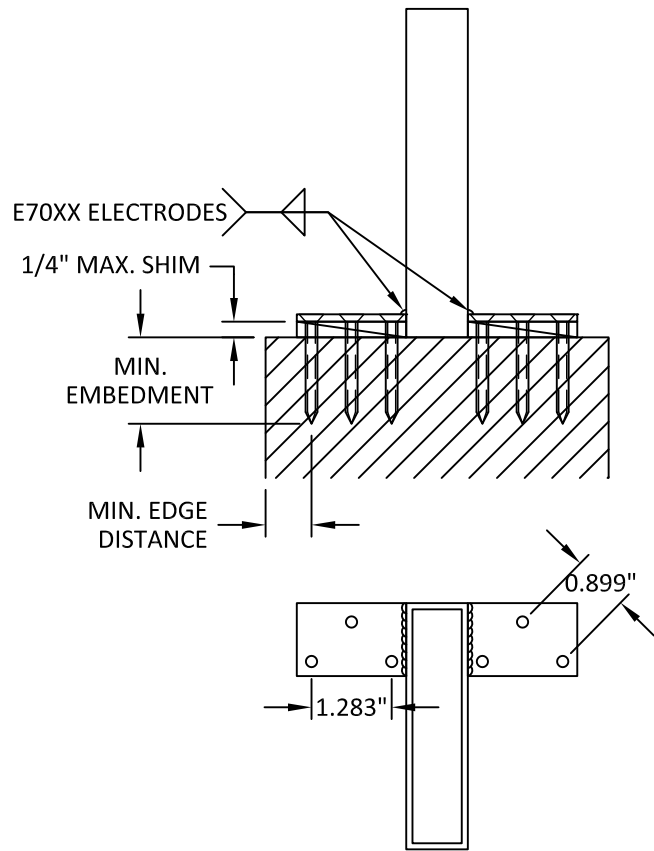
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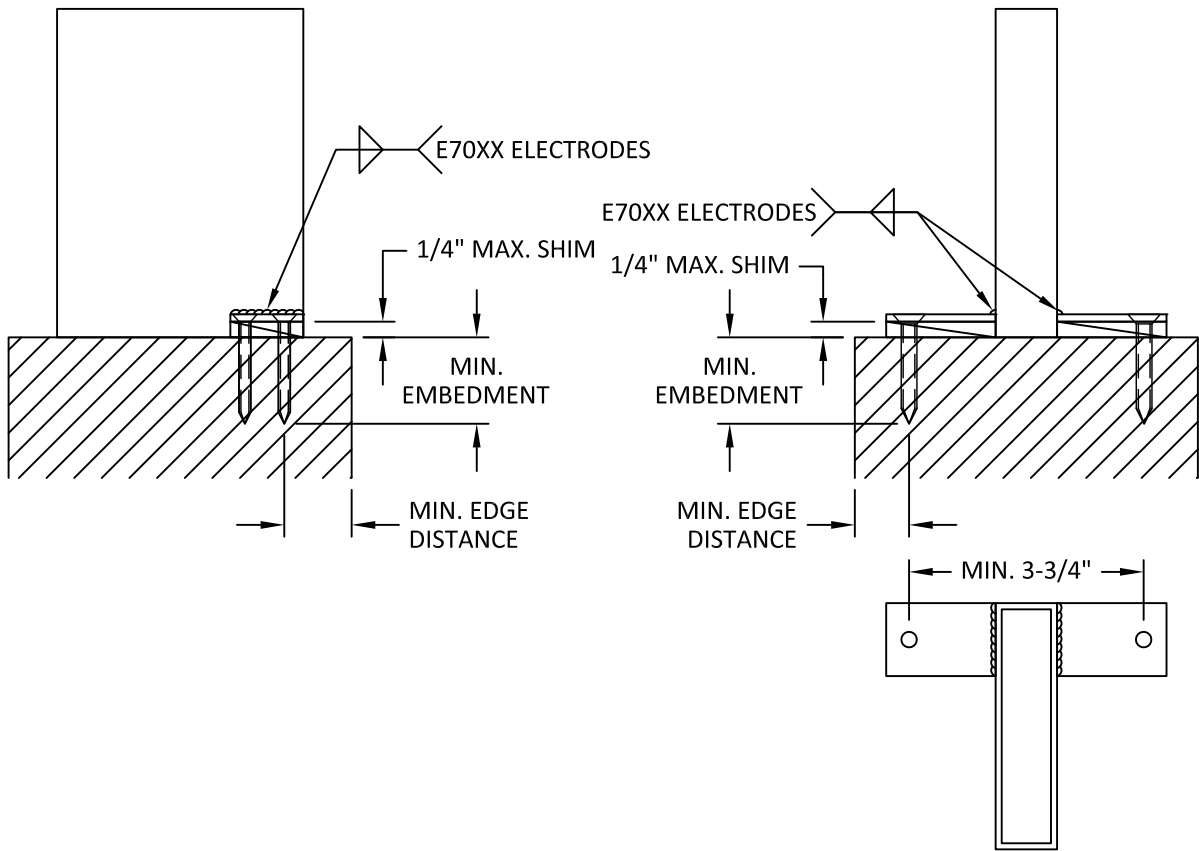
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INSTALLATION DETAIL
ANCHOR TYPES A & B



INSTALLATION DETAIL
ANCHOR TYPES C, D, & E

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.
- 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.
- 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				
TYPE	ANCHOR	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	#10 FH WOOD SCREW	WOOD: MIN. S.G. = 0.55	1-1/2"	1"
B	#8 GRADE 5 FH 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 ALLOY		
C	5/16" DEWALT ULTRA CON	UNCRAKED CONCRETE, MIN. f'c = 3000 psi	2"	3-1/8"
D	1/4" DEWALT ULTRA CON+	UNCRAKED CONCRETE, MIN. f'c = 3000 psi	1-3/4"	2-1/2"
E	1/4" DEWALT ULTRA CON+	HOLLOW OR GROUT- FILLED CMU per ASTM C90, MIN. 2000 PSI	1-3/4"	2-1/2"



3160 KUTAK ROAD
FORT MYERS, FL 33916
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TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

INSTALLATION NOTES & DETAILS

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REMARKS	BY	DATE

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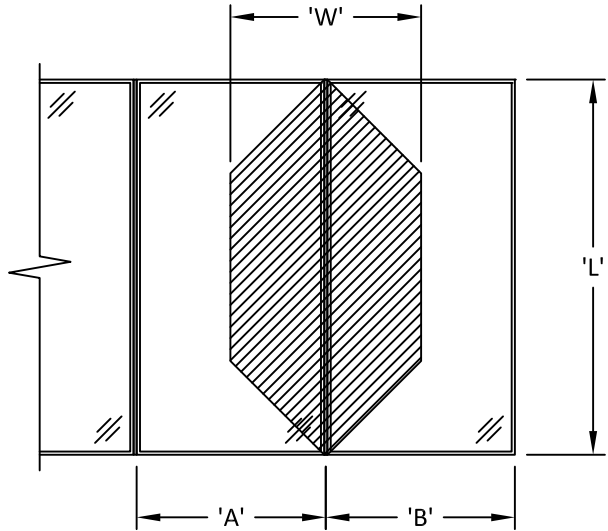
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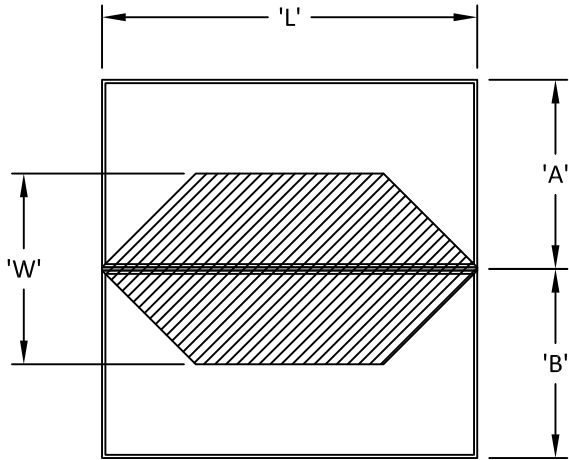
DESIGN PRESSURE TABLE - ONE-WAY MULLION - ANCHOR TYPE A																	
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																
	48	54	60	62	64	66	68	70	72	78	84	90	96	102	108	114	120
96	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
102	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.41	79.13	79.13	79.13	79.13
103	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.86	77.96	77.61	77.60	77.60	77.60
104	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.04	77.52	76.57	-	-	-	-
106	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.77	76.57	-	-	-	-	-	-
108	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.41	76.49	-	-	-	-	-	-	-
110	80.00	80.00	80.00	80.00	80.00	80.00	79.65	78.41	77.26	-	-	-	-	-	-	-	-
112	80.00	80.00	80.00	80.00	80.00	78.95	77.61	76.37	-	-	-	-	-	-	-	-	-
114	80.00	80.00	80.00	79.99	78.44	77.00	-	-	-	-	-	-	-	-	-	-	-
116	80.00	80.00	79.78	78.11	76.57	-	-	-	-	-	-	-	-	-	-	-	-
118	80.00	80.00	77.96	76.32	-	-	-	-	-	-	-	-	-	-	-	-	-
120	80.00	80.00	76.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE - ONE-WAY MULLION - ANCHOR TYPE B																	
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																
	48	54	60	62	64	66	68	70	72	78	84	90	96	102	108	114	120
96	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
102	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
103	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
104	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-
106	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-
108	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-
110	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-
112	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-
114	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-
116	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-
118	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-
120	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE - ONE-WAY MULLION - ANCHOR TYPE C																	
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																
	48	54	60	62	64	66	68	70	72	78	84	90	96	102	108	114	120
96	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
102	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.39	76.78	74.86	73.54	72.78	72.53	72.53	72.53	72.53
103	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.26	78.21	75.58	73.63	72.28	71.45	71.13	71.12	71.12	71.12
104	80.00	80.00	80.00	80.00	80.00	80.00	79.26	78.11	77.06	74.41	72.44	71.05	70.18	-	-	-	-
106	80.00	80.00	80.00	80.00	79.66	78.31	77.06	75.91	74.86	72.19	70.18	-	-	-	-	-	-
108	80.00	80.00	80.00	79.03	77.57	76.22	74.98	73.83	72.78	70.10	-	-	-	-	-	-	-
110	80.00	80.00	78.60	77.03	75.58	74.24	73.00	71.86	70.81	-	-	-	-	-	-	-	-
112	80.00	80.00	76.68	75.13	73.69	72.36	71.13	70.00	-	-	-	-	-	-	-	-	-
114	80.00	80.00	74.86	73.32	71.89	70.57	-	-	-	-	-	-	-	-	-	-	-
116	80.00	78.50	73.12	71.59	70.18	-	-	-	-	-	-	-	-	-	-	-	-
118	80.00	76.78	71.45	69.94	-	-	-	-	-	-	-	-	-	-	-	-	-
120	80.00	75.13	69.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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 WINDOWS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPE FOR EACH TABLE.
 - 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.



3160 KUTAK ROAD
FORT MYERS, FL 33916
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TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

MULLION DESIGN PRESSURE TABLES

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1900 NE MIAMI COURT, SUITE 2-15
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BUILDING DROPS

REMARKS	BY	DATE

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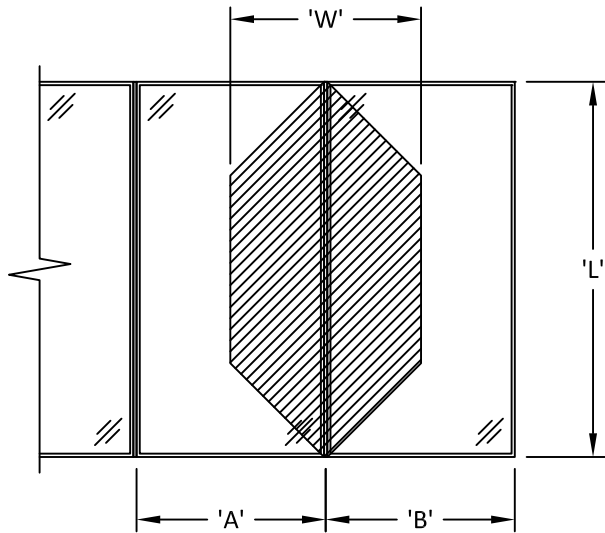
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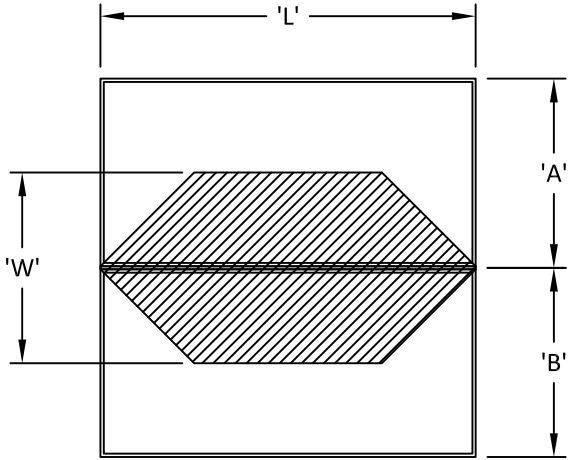
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DESIGN PRESSURE TABLE - ONE-WAY MULLION - ANCHOR TYPE D																			
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																		
	36	42	48	54	60	62	64	66	68	70	72	78	84	90	96	102	108	114	120
60	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
66	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
72	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
78	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
84	80.00	80.00	80.00	80.00	78.22	77.13	76.15	75.29	74.54	73.89	73.33	72.21	71.84	71.84	71.84	71.84	71.84	71.84	71.84
90	80.00	80.00	80.00	74.50	70.40	69.28	68.28	67.37	66.55	65.83	65.19	63.71	62.86	62.58	62.58	62.58	62.58	62.58	62.58
96	80.00	80.00	73.33	68.02	64.00	62.89	61.88	60.95	60.11	59.35	58.67	57.00	55.87	55.22	55.00	55.00	55.00	55.00	55.00
102	80.00	74.50	67.69	62.58	58.67	57.57	56.57	55.65	54.81	54.04	53.33	51.58	50.29	49.40	48.89	48.72	48.72	48.72	48.72
103	80.00	73.59	66.84	61.75	57.86	56.77	55.77	54.86	54.02	53.24	52.54	50.77	49.46	48.55	48.00	47.78	47.78	47.78	47.78
104	80.00	72.70	66.00	60.95	57.08	56.00	55.00	54.08	53.24	52.47	51.76	49.99	48.66	47.73	47.14	-	-	-	-
106	80.00	70.99	64.39	59.41	55.58	54.50	53.51	52.60	51.76	50.99	50.29	48.50	47.14	-	-	-	-	-	-
108	78.22	69.36	62.86	57.94	54.15	53.09	52.11	51.20	50.37	49.60	48.89	47.09	-	-	-	-	-	-	-
110	76.52	67.80	61.40	56.55	52.80	51.74	50.77	49.87	49.04	48.27	47.57	-	-	-	-	-	-	-	-
112	74.89	66.31	60.00	55.22	51.51	50.47	49.50	48.61	47.78	47.02	-	-	-	-	-	-	-	-	-
114	73.33	64.88	58.67	53.95	50.29	49.25	48.29	47.41	-	-	-	-	-	-	-	-	-	-	-
116	71.84	63.52	57.39	52.73	49.12	48.09	47.14	-	-	-	-	-	-	-	-	-	-	-	-
118	70.40	62.21	56.17	51.58	48.00	46.99	-	-	-	-	-	-	-	-	-	-	-	-	-
120	69.02	60.95	55.00	50.47	46.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE - ONE-WAY MULLION - ANCHOR TYPE E																			
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																		
	36	42	48	54	60	62	64	66	68	70	72	78	84	90	96	102	108	114	120
60	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
66	80.00	80.00	80.00	79.32	77.33	76.98	76.76	76.69	76.69	76.69	76.69	76.69	76.69	76.69	76.69	76.69	76.69	76.69	76.69
72	80.00	77.98	72.50	68.74	66.29	65.71	65.25	64.90	64.64	64.49	64.44	64.44	64.44	64.44	64.44	64.44	64.44	64.44	64.44
78	77.33	69.77	64.44	60.65	58.00	57.32	56.74	56.24	55.83	55.50	55.24	54.91	54.91	54.91	54.91	54.91	54.91	54.91	54.91
84	70.30	63.13	58.00	54.27	51.56	50.83	50.19	49.63	49.13	48.70	48.33	47.59	47.35	47.35	47.35	47.35	47.35	47.35	47.35
90	64.44	57.64	52.73	49.10	46.40	45.66	45.00	44.40	43.87	43.39	42.96	41.99	41.43	41.24	41.24	41.24	41.24	41.24	41.24
96	59.49	53.03	48.33	44.83	42.18	41.45	40.78	40.17	39.62	39.12	38.67	37.57	36.83	36.39	36.25	36.25	36.25	36.25	36.25
102	55.24	49.10	44.62	41.24	38.67	37.95	37.29	36.68	36.12	35.62	35.15	33.99	33.14	32.56	32.22	32.11	32.11	32.11	32.11
103	54.59	48.50	44.05	40.70	38.14	37.42	36.76	36.16	35.60	35.09	34.63	33.46	32.60	32.00	31.64	31.49	31.49	31.49	31.49
104	53.95	47.92	43.50	40.17	37.62	36.91	36.25	35.65	35.09	34.58	34.12	32.95	32.07	31.46	31.07	-	-	-	-
106	52.73	46.79	42.44	39.16	36.63	35.92	35.27	34.67	34.12	33.61	33.14	31.96	31.07	-	-	-	-	-	-
108	51.56	45.71	41.43	38.19	35.69	34.99	34.34	33.75	33.20	32.69	32.22	31.04	-	-	-	-	-	-	-
110	50.43	44.69	40.47	37.27	34.80	34.10	33.46	32.87	32.32	31.82	31.35	-	-	-	-	-	-	-	-
112	49.36	43.70	39.55	36.39	33.95	33.26	32.63	32.04	31.49	30.99	-	-	-	-	-	-	-	-	-
114	48.33	42.76	38.67	35.56	33.14	32.46	31.83	31.25	-	-	-	-	-	-	-	-	-	-	-
116	47.35	41.86	37.83	34.76	32.37	31.70	31.07	-	-	-	-	-	-	-	-	-	-	-	-
118	46.40	41.00	37.02	33.99	31.64	30.97	-	-	-	-	-	-	-	-	-	-	-	-	-
120	45.49	40.17	36.25	33.26	30.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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 WINDOWS SHALL BE UNDER SEPARATE FL APPROVAL.
 - REFER TO SHEET 4 FOR ANCHOR TYPE FOR EACH TABLE.
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3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

MULLION DESIGN PRESSURE TABLES

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

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.



FL #:
FL47017

DATE:
08.27.2024

DWG. BY:
MS

CHK. BY:
HFN

SCALE:
NTS

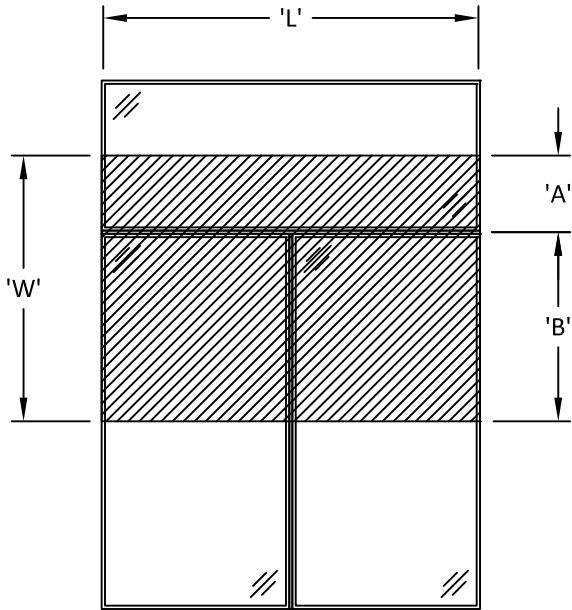
DWG. #:
PCI021

SHEET:
6

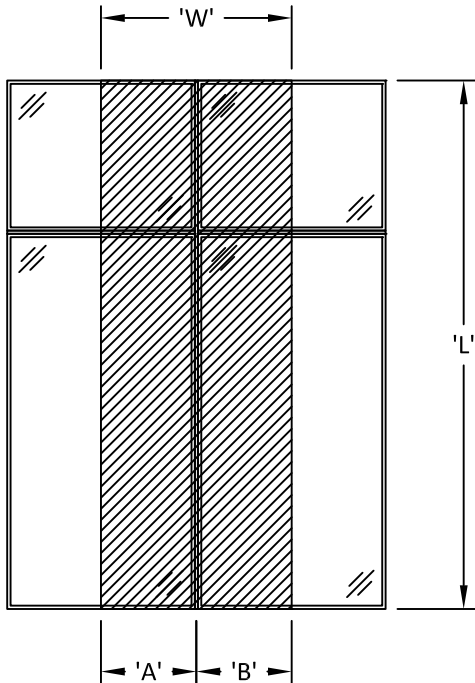
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DESIGN PRESSURE TABLE - TWO-WAY MULLION - ANCHOR TYPE A																											
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																										
	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	
48	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.41	77.26	
51	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.13	76.87	-	-	
54	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.41	77.00	-	-	-	-
57	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.65	-	-	-	-	-	-
60	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.86	76.23	-	-	-	-	-	-	-
63	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.79	-	-	-	-	-	-	-	-	-
66	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.96	77.00	-	-	-	-	-	-	-	-	-	-
69	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.55	76.49	-	-	-	-	-	-	-	-	-	-	-
72	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.41	76.23	-	-	-	-	-	-	-	-	-	-	-	-
75	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.55	76.23	-	-	-	-	-	-	-	-	-	-	-	-	-
78	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.96	76.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	76.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	80.00	80.00	80.00	80.00	80.00	80.00	79.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	80.00	80.00	80.00	80.00	80.00	80.00	77.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102	80.00	80.00	80.00	80.00	80.00	79.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	80.00	80.00	80.00	80.00	80.00	76.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	80.00	80.00	80.00	80.00	79.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111	80.00	80.00	80.00	80.00	77.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	80.00	80.00	80.00	78.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	80.00	80.00	80.00	76.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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.
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3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

MULLION DESIGN PRESSURE TABLES

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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BUILDING DROPS

REMARKS	BY	DATE

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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 #:

FL47017

DATE:

08.27.2024

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

PCI021

SHEET:

7

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DESIGN PRESSURE TABLE - TWO-WAY MULLION - ANCHOR TYPE B																											
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																										
	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	
48	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
51	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-
54	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-
57	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-
60	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-
63	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-
66	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-
69	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-
72	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-
75	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE TABLE - TWO-WAY MULLION - ANCHOR TYPE C																											
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																										
	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	
48	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.39	77.06	74.86	72.78	70.81	
51	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.54	77.06	74.72	72.53	70.45	-	-	
54	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.63	75.13	72.78	70.57	-	-	-	-	
57	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.80	76.08	73.54	71.17	-	-	-	-	-	-	
60	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.63	74.86	72.28	69.87	-	-	-	-	-	-	-	
63	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.85	76.78	73.93	71.29	-	-	-	-	-	-	-	-	-	
66	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.39	76.22	73.29	70.57	-	-	-	-	-	-	-	-	-	-	
69	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.24	75.94	72.90	70.10	-	-	-	-	-	-	-	-	-	-	-	
72	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.39	75.94	72.78	69.87	-	-	-	-	-	-	-	-	-	-	-	
75	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	79.85	76.22	72.90	69.87	-	-	-	-	-	-	-	-	-	-	-	-	
78	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	76.78	73.29	70.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
81	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	77.63	73.93	70.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
84	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.80	74.86	71.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
87	80.00	80.00	80.00	80.00	80.00	80.00	80.00	76.08	72.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
90	80.00	80.00	80.00	80.00	80.00	80.00	77.63	73.54	69.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
93	80.00	80.00	80.00	80.00	80.00	79.54	75.13	71.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96	80.00	80.00	80.00	80.00	80.00	77.06	72.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99	80.00	80.00	80.00	80.00	79.39	74.72	70.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
102	80.00	80.00	80.00	80.00	77.06	72.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
105	80.00	80.00	80.00	79.85	74.86	70.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
108	80.00	80.00	80.00	77.63	72.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
111	80.00	80.00	80.00	75.53	70.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
114	80.00	80.00	78.80	73.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
117	80.00	80.00	76.78	71.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120	80.00	80.00	74.86	69.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SEE TWO-WAY MULLION DIAGRAM AND NOTES ON SHEET 7



3160 KUTAK ROAD
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PH: (239) 691-8400

TITLE:

STEEL MULLION
(HVHZ) (IMPACT)

MULLION DESIGN PRESSURE TABLES

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
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BUILDING DROPS

REMARKS	BY	DATE

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.



FL #:
FL47017

DATE: **08.27.2024**

DWG. BY:
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CHK. BY:
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PCI021

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DESIGN PRESSURE TABLE - TWO-WAY MULLION - ANCHOR TYPE D																											
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																										
	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	
48	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	76.52	73.33	70.40	67.69	65.19	62.86	60.69	58.67	56.77	55.00	53.33	51.76	50.29	48.89	47.57	
51	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.88	75.29	72.02	69.02	66.26	63.71	61.35	59.16	57.12	55.22	53.43	51.76	50.20	48.72	47.33	-	-	
54	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.22	74.50	71.11	68.02	65.19	62.58	60.17	57.94	55.87	53.95	52.15	50.47	48.89	47.41	-	-	-	-	
57	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.01	74.11	70.58	67.37	64.44	61.75	59.28	57.00	54.89	52.93	51.11	49.40	47.81	-	-	-	-	-	-	
60	80.00	80.00	80.00	80.00	80.00	80.00	78.22	74.11	70.40	67.05	64.00	61.22	58.67	56.32	54.15	52.15	50.29	48.55	46.93	-	-	-	-	-	-	-	
63	80.00	80.00	80.00	80.00	80.00	78.88	74.50	70.58	67.05	63.85	60.95	58.30	55.87	53.64	51.58	49.66	47.89	-	-	-	-	-	-	-	-	-	
66	80.00	80.00	80.00	80.00	80.00	75.29	71.11	67.37	64.00	60.95	58.18	55.65	53.33	51.20	49.23	47.41	-	-	-	-	-	-	-	-	-	-	
69	80.00	80.00	80.00	80.00	76.52	72.02	68.02	64.44	61.22	58.30	55.65	53.23	51.01	48.97	47.09	-	-	-	-	-	-	-	-	-	-	-	
72	80.00	80.00	80.00	78.22	73.33	69.02	65.19	61.75	58.67	55.87	53.33	51.01	48.89	46.93	-	-	-	-	-	-	-	-	-	-	-	-	
75	80.00	80.00	80.00	75.09	70.40	66.26	62.58	59.28	56.32	53.64	51.20	48.97	46.93	-	-	-	-	-	-	-	-	-	-	-	-	-	
78	80.00	80.00	77.36	72.21	67.69	63.71	60.17	57.00	54.15	51.58	49.23	47.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
81	80.00	80.00	74.50	69.53	65.19	61.35	57.94	54.89	52.15	49.66	47.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
84	80.00	77.36	71.84	67.05	62.86	59.16	55.87	52.93	50.29	47.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
87	80.00	74.69	69.36	64.74	60.69	57.12	53.95	51.11	48.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
90	78.22	72.21	67.05	62.58	58.67	55.22	52.15	49.40	46.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
93	75.70	69.88	64.88	60.56	56.77	53.43	50.47	47.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96	73.33	67.69	62.86	58.67	55.00	51.76	48.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99	71.11	65.64	60.95	56.89	53.33	50.20	47.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
102	69.02	63.71	59.16	55.22	51.76	48.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
105	67.05	61.89	57.47	53.64	50.29	47.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
108	65.19	60.17	55.87	52.15	48.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
111	63.42	58.54	54.36	50.74	47.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
114	61.75	57.00	52.93	49.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
117	60.17	55.54	51.58	48.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120	58.67	54.15	50.29	46.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

DESIGN PRESSURE TABLE - TWO-WAY MULLION - ANCHOR TYPE E																											
SPAN LENGTH 'L' (IN.)	TRIBUTARY WIDTH 'W' (IN.)																										
	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	
48	80.00	80.00	80.00	77.33	72.50	68.24	64.44	61.05	58.00	55.24	52.73	50.43	48.33	46.40	44.62	42.96	41.43	40.00	38.67	37.42	36.25	35.15	34.12	33.14	32.22	31.35	
51	80.00	80.00	77.98	72.78	68.24	64.22	60.65	57.46	54.59	51.99	49.63	47.47	45.49	43.67	41.99	40.44	38.99	37.65	36.39	35.22	34.12	33.08	32.11	31.19	-	-	
54	80.00	79.32	73.65	68.74	64.44	60.65	57.28	54.27	51.56	49.10	46.87	44.83	42.96	41.24	39.66	38.19	36.83	35.56	34.37	33.26	32.22	31.25	-	-	-	-	
57	80.00	75.14	69.77	65.12	61.05	57.46	54.27	51.41	48.84	46.52	44.40	42.47	40.70	39.07	37.57	36.18	34.89	33.68	32.56	31.51	-	-	-	-	-	-	
60	77.33	71.38	66.29	61.87	58.00	54.59	51.56	48.84	46.40	44.19	42.18	40.35	38.67	37.12	35.69	34.37	33.14	32.00	30.93	-	-	-	-	-	-	-	
63	73.65	67.99	63.13	58.92	55.24	51.99	49.10	46.52	44.19	42.09	40.17	38.43	36.83	35.35	33.99	32.73	31.56	-	-	-	-	-	-	-	-	-	
66	70.30	64.90	60.26	56.24	52.73	49.63	46.87	44.40	42.18	40.17	38.35	36.68	35.15	33.75	32.45	31.25	-	-	-	-	-	-	-	-	-	-	
69	67.25	62.07	57.64	53.80	50.43	47.47	44.83	42.47	40.35	38.43	36.68	35.09	33.62	32.28	31.04	-	-	-	-	-	-	-	-	-	-	-	
72	64.44	59.49	55.24	51.56	48.33	45.49	42.96	40.70	38.67	36.83	35.15	33.62	32.22	30.93	-	-	-	-	-	-	-	-	-	-	-	-	
75	61.87	57.11	53.03	49.49	46.40	43.67	41.24	39.07	37.12	35.35	33.75	32.28	30.93	-	-	-	-	-	-	-	-	-	-	-	-	-	
78	59.49	54.91	50.99	47.59	44.62	41.99	39.66	37.57	35.69	33.99	32.45	31.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
81	57.28	52.88	49.10	45.83	42.96	40.44	38.19	36.18	34.37	32.73	31.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
84	55.24	50.99	47.35	44.19	41.43	38.99	36.83	34.89	33.14	31.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
87	53.33	49.23	45.71	42.67	40.00	37.65	35.56	33.68	32.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
90	51.56	47.59	44.19	41.24	38.67	36.39	34.37	32.56	30.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
93	49.89	46.05	42.76	39.91	37.42	35.22	33.26	31.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96	48.33	44.62	41.43	38.67	36.25	34.12	32.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99	46.87	43.26	40.17	37.49	35.15	33.08	31.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
102	45.49	41.99	38.99	36.39	34.12	32.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
105	44.19	40.79	37.88	35.35	33.14	31.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
108	42.96	39.66	36.83	34.37	32.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
111	41.80	38.59	35.83	33.44	31.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
114	40.70	37.57	34.89	32.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
117	39.66	36.61	33.99	31.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120	38.67	35.69	33.14	30.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SEE TWO-WAY MULLION DIAGRAM AND NOTES ON SHEET 7



3160 KUTAK ROAD
FORT MYERS, FL 33916
PH: (239) 691-8400

TITLE:
STEEL MULLION
(HVHZ) (IMPACT)

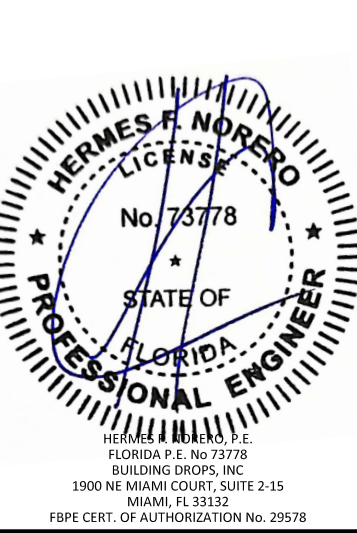
MULLION DESIGN PRESSURE TABLES

PREPARED BY:
 BUILDING DROPS

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1900 NE MIAMI COURT, SUITE 2-15
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