

# EUROLINE STEEL WINDOWS & DOORS

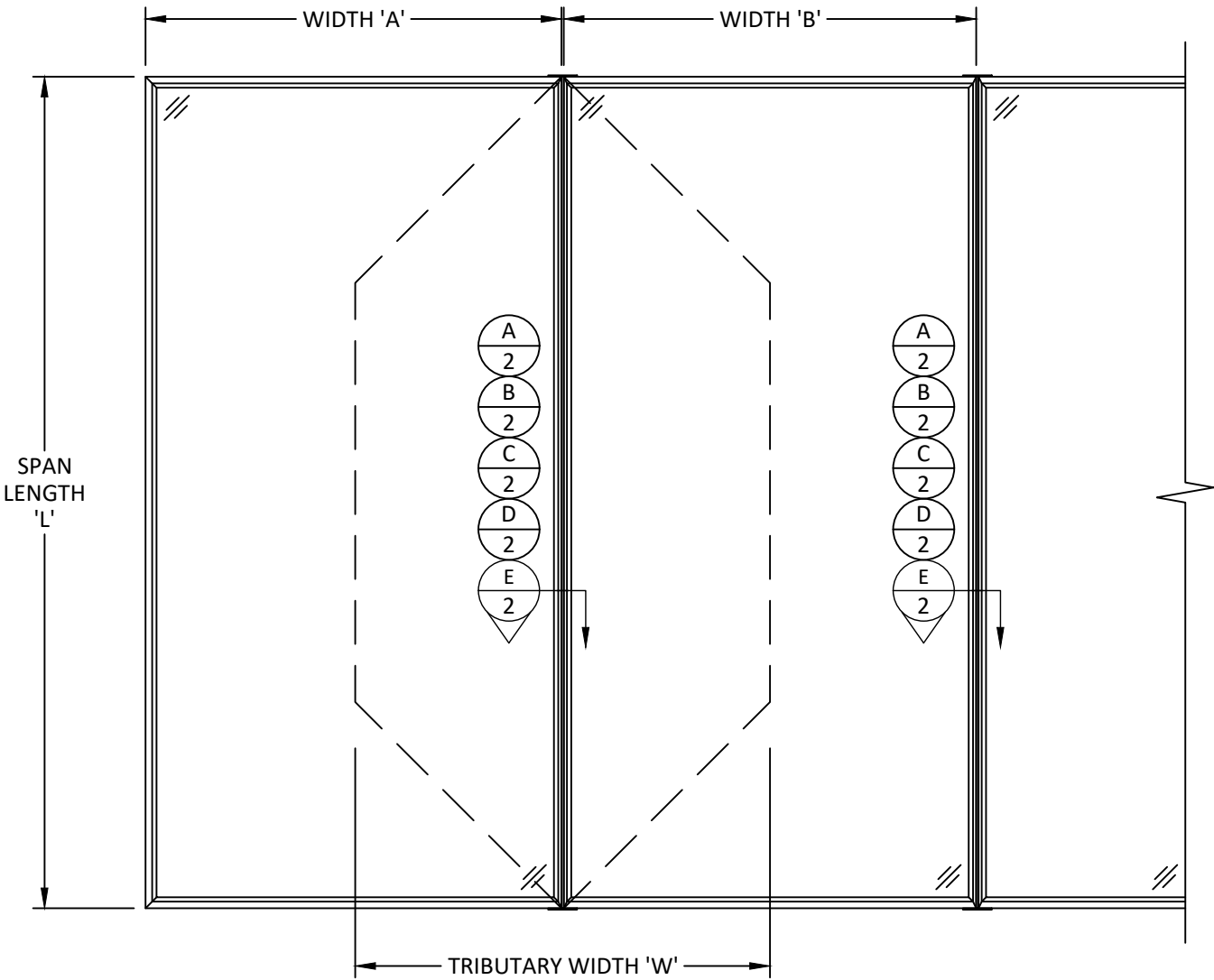
## SERIES 900 STEEL MULLION - BAR INSTALLATION

### (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

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



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

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

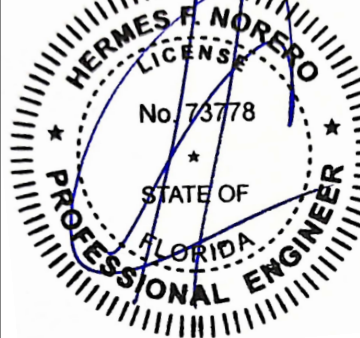
GENERAL NOTES & TYPICAL ELEVATION

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

| REMARKS            | BY | DATE      |
|--------------------|----|-----------|
| A. NAME UPDATE     | MS | 11/04/25  |
| B. 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: 2026.08.07 16:16:00 -04'00'



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: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **1**      REV. **B**

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

TITLE: SERIES 900 STEEL MULLION -  
BAR INSTALLATION  
(WZ3) (IMPACT)  
MULLION CROSS SECTIONS

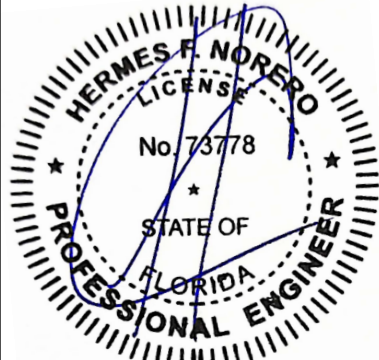
PREPARED BY:



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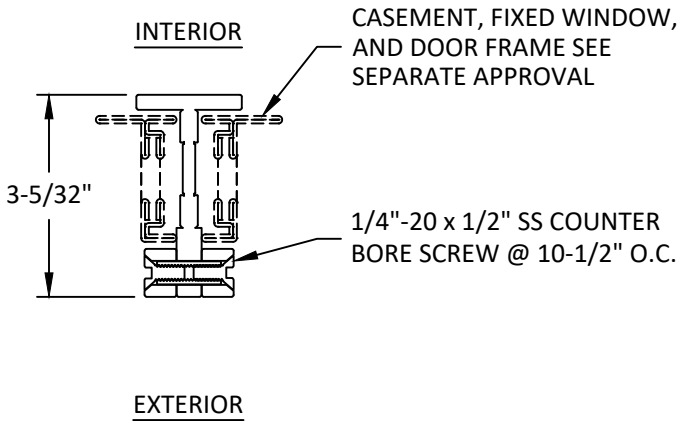
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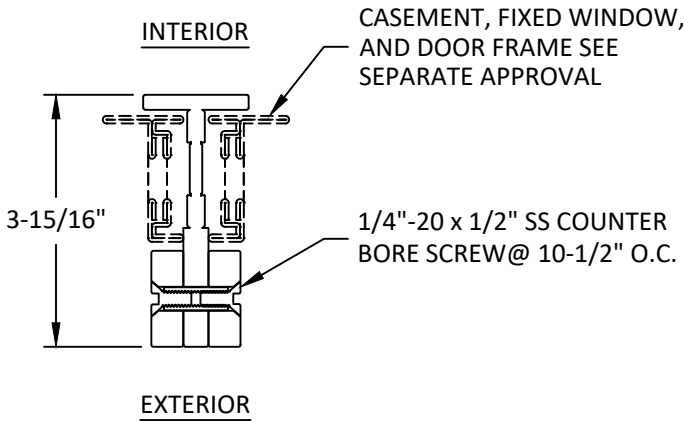


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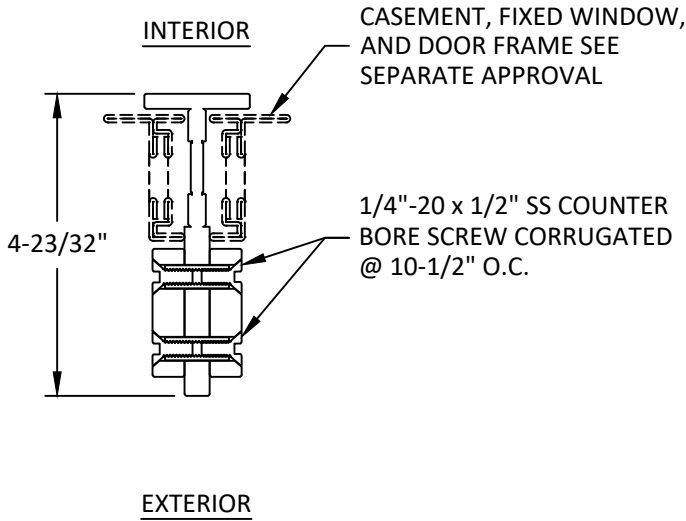
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|----------|------------|--------------|
| FL #:    | FL47873    |              |
| DATE:    | 10.20.2025 |              |
| DWG. BY: | MS         | CHK. BY: HFN |
| SCALE:   | NTS        |              |
| DWG. #:  | ELS011     |              |
| SHEET:   | 2          | REV. B       |



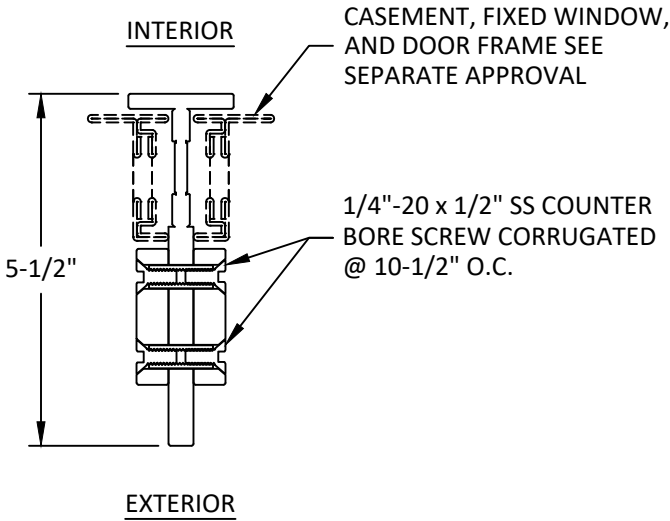
**A**  
**2** CROSS SECTION  
FT 801042TF-14



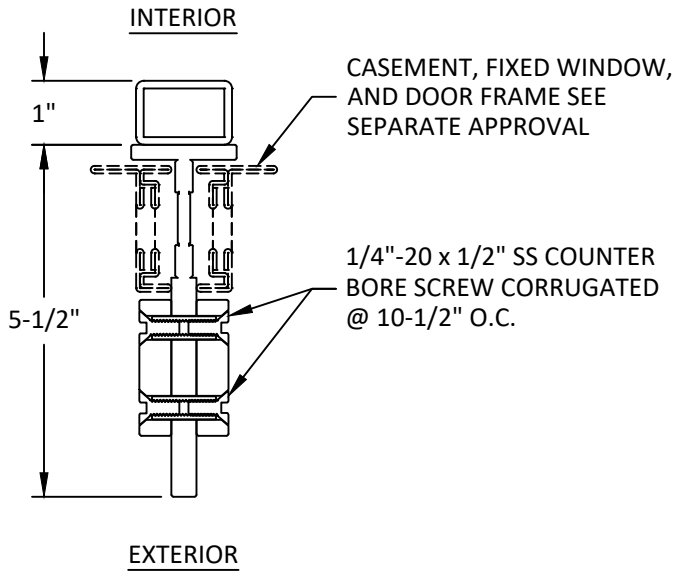
**B**  
**2** CROSS SECTION  
FT 1001042TF-14



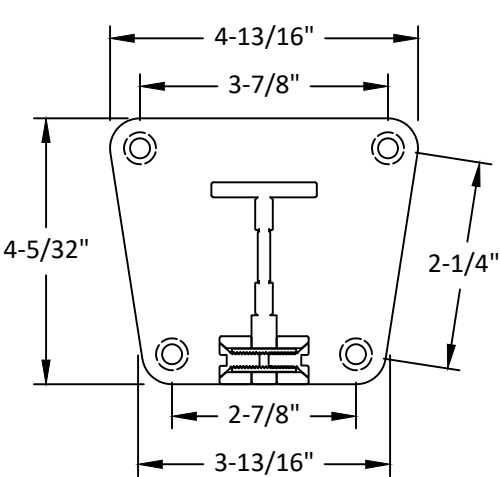
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**2** CROSS SECTION  
FT 1201042TF-14



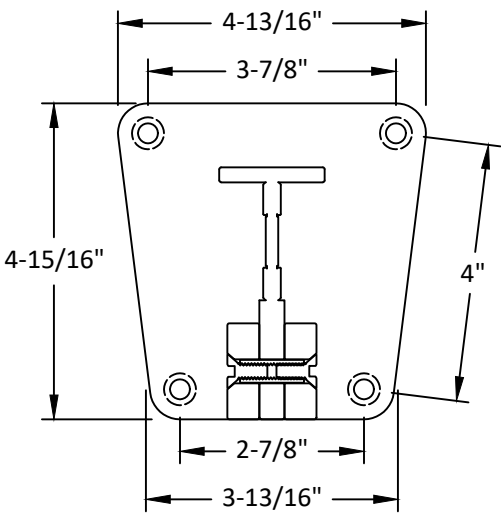
**D**  
**2** CROSS SECTION  
FT 1401042TF-14



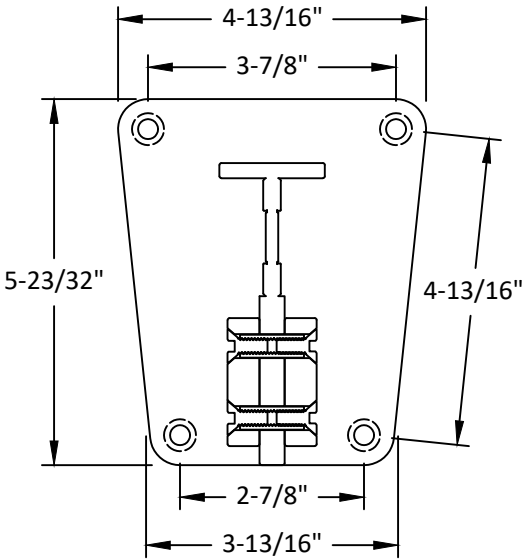
**E**  
**2** CROSS SECTION  
FT 1401042TF-14  
W/ 1" x 1.5" x 1/8" TUBE



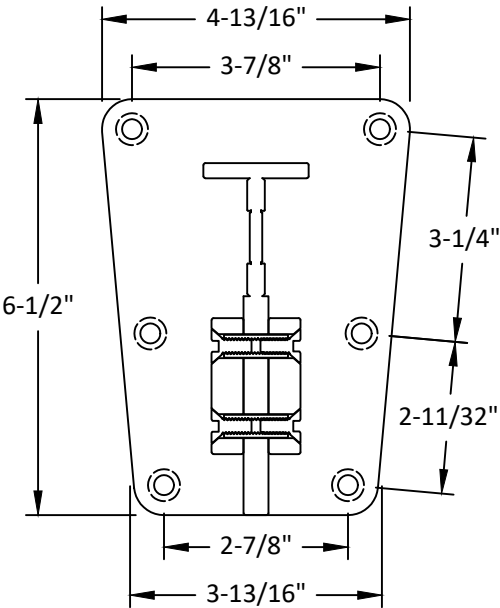
MULLION PLATE DETAIL  
1/4" THICK, FT 801042TF-14



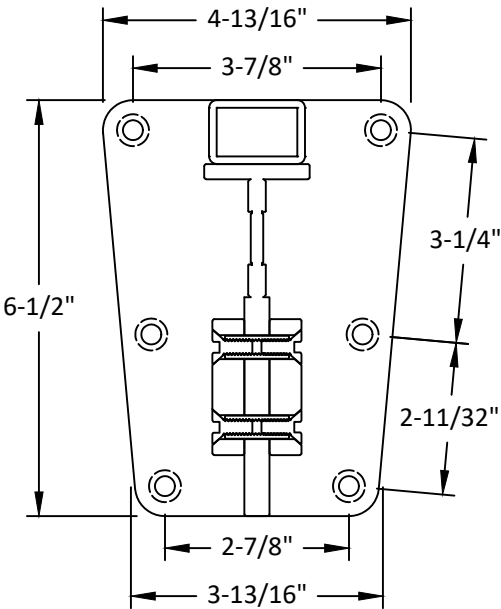
MULLION PLATE DETAIL  
1/4" THICK, FT 1001042TF-14



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



22600 SAVI RANCH PKWY  
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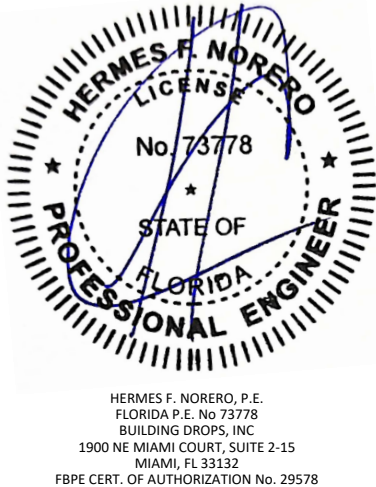
TITLE: SERIES 900 STEEL MULLION -  
BAR INSTALLATION  
(WZ3) (IMPACT)  
MULLION CLIP DETAILS

PREPARED BY:  
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| REMARKS            | BY | DATE      |
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| A. NAME UPDATE     | MS | 11/04/25  |
| B. 2026 FBC UPDATE | MS | 7/21/2026 |
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47873**

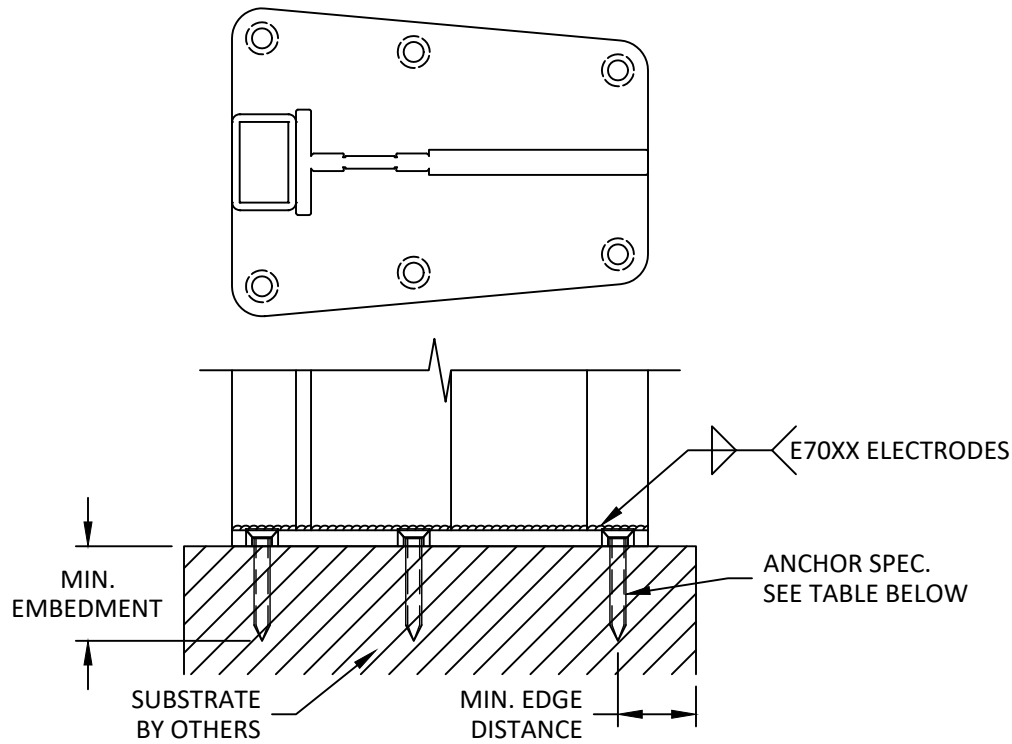
DATE: **10.20.2025**

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

SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **3** REV. **B**

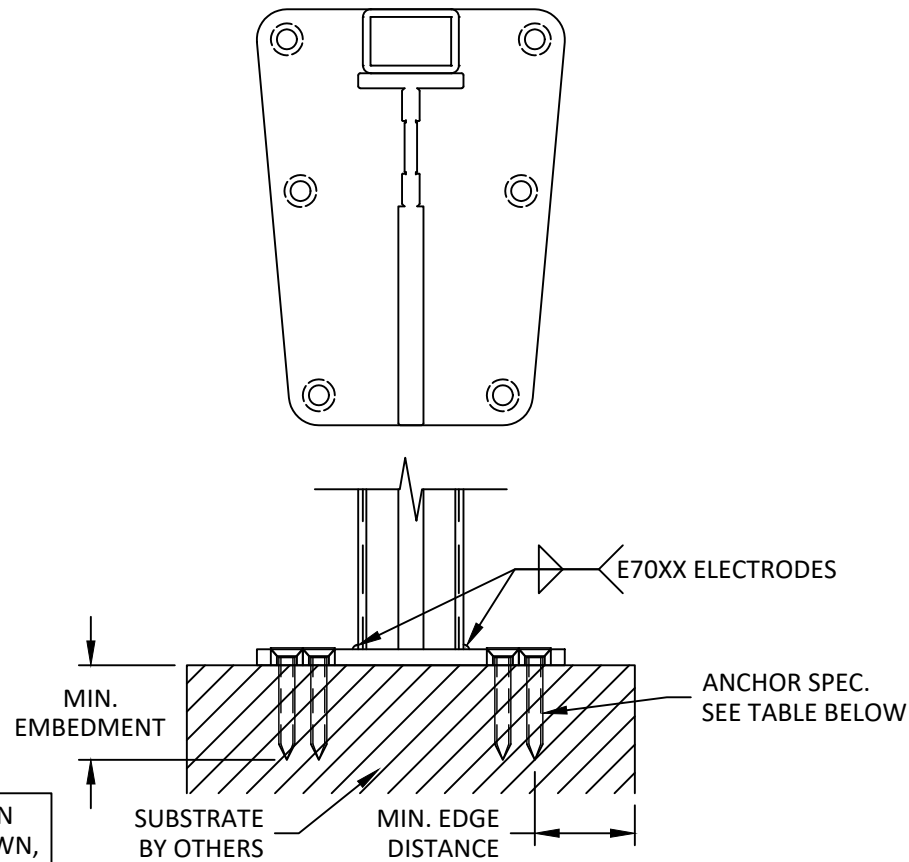


## G 4

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

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

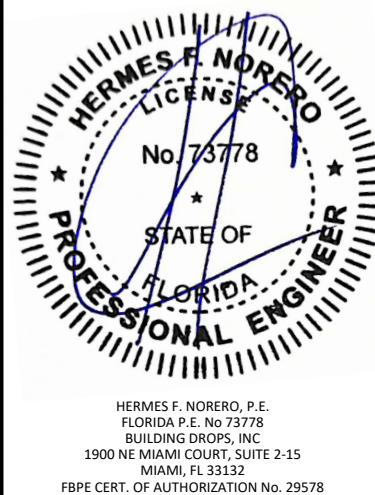
INSTALLATION DETAILS & NOTES

PREPARED BY:  
  
BUILDING DROPS

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| REMARKS            | BY | DATE      |
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| A. NAME UPDATE     | MS | 11/04/25  |
| B. 2026 FBC UPDATE | MS | 7/21/2026 |
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FL #: **FL47873**

DATE: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

SCALE: **NTS**

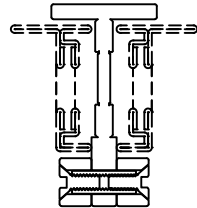
DWG. #: **ELS011**

SHEET: **4**      REV. **B**

OF 22

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INTERIOR

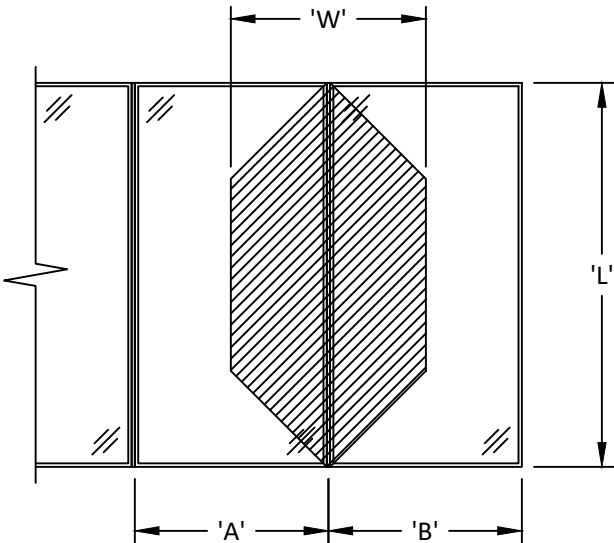


EXTERIOR

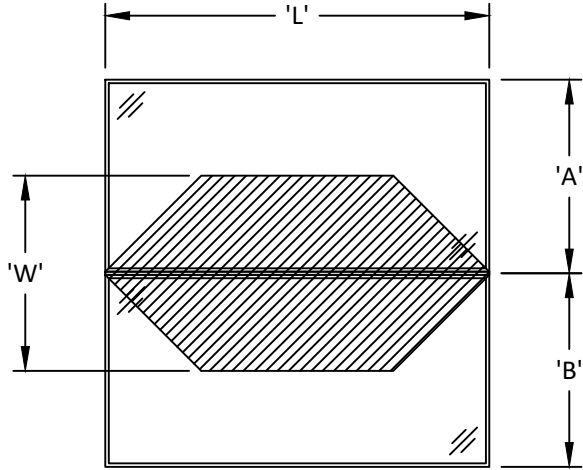
MULLION DETAIL  
FT 801042TF-14

| DESIGN PRESSURE TABLE (+/- PSF) - FT 801042TF-14, ONE-WAY MULLION |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 'L' - SPAN<br>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 | 62.50 | 59.41 | 57.13 | 55.55 | 54.61 | 54.30 | 54.30 | 54.30 | 54.30 | 54.30 | 54.30 | 54.30 |
| 102                                                               | 65.00                       | 62.88 | 58.00 | 54.21 | 51.27 | 49.02 | 47.35 | 46.19 | 45.50 | 45.27 | 45.27 | 45.27 | 45.27 | 45.27 | 45.27 |
| 108                                                               | 61.24                       | 55.47 | 51.01 | 47.52 | 44.77 | 42.61 | 40.95 | 39.70 | 38.83 | 38.31 | 38.14 | 38.14 | 38.14 | 38.14 | 38.14 |
| 114                                                               | 54.57                       | 49.33 | 45.25 | 42.04 | 39.48 | 37.44 | 35.82 | 34.56 | 33.62 | 32.96 | 32.56 | 32.43 | 32.43 | 32.43 | 32.43 |
| 120                                                               | 48.95                       | 44.17 | 40.44 | 37.48 | 35.10 | 33.19 | 31.65 | 30.42 | 29.45 | 28.72 | 28.21 | 27.91 | 27.80 | 27.80 | 27.80 |
| 126                                                               | 44.17                       | 39.80 | 36.37 | 33.64 | 31.44 | 29.65 | 28.19 | 27.01 | 26.06 | 25.31 | 24.74 | 24.34 | 24.10 | 24.02 | 24.02 |
| 132                                                               | 40.06                       | 36.05 | 32.90 | 30.38 | 28.34 | 26.67 | 25.30 | 24.17 | 23.25 | 22.50 | 21.91 | 21.46 | 21.14 | 20.95 | 20.89 |
| 138                                                               | 36.51                       | 32.82 | 29.92 | 27.59 | 25.69 | 24.13 | 22.84 | 21.77 | 20.89 | 20.16 | 19.57 | 19.10 | 18.74 | 18.48 | 18.33 |
| 144                                                               | 33.19                       | 29.86 | 27.24 | 25.14 | 23.40 | 21.95 | 20.74 | 19.73 | 18.89 | 18.18 | 17.60 | 17.13 | 16.75 | 16.46 | 16.25 |
| 150                                                               | 29.26                       | 26.30 | 23.97 | 22.09 | 20.57 | 19.31 | 18.26 | 17.38 | 16.65 | 16.04 | 15.53 | 15.11 | 14.77 | 14.50 | 14.29 |
| 156                                                               | 25.93                       | 23.28 | 21.20 | 19.52 | 18.15 | 17.02 | 16.07 | 15.28 | 14.61 | 14.04 | 13.57 | 13.17 | 12.84 | 12.57 | 12.36 |
| 162                                                               | 23.09                       | 20.72 | 18.85 | 17.34 | 16.10 | 15.08 | 14.22 | 13.50 | 12.89 | 12.37 | 11.93 | 11.56 | 11.25 | 10.99 | 10.77 |
| 168                                                               | 20.65                       | 18.52 | 16.83 | 15.47 | 14.36 | 13.43 | 12.65 | 11.99 | 11.43 | 10.96 | 10.55 | 10.21 | 9.91  | 9.66  | 9.46  |
| 174                                                               | 18.54                       | 16.62 | 15.10 | 13.87 | 12.85 | 12.01 | 11.31 | 10.71 | 10.20 | 9.76  | 9.38  | 9.06  | 8.79  | 8.55  | 8.35  |
| 180                                                               | 16.72                       | 14.97 | 13.59 | 12.48 | 11.56 | 10.79 | 10.15 | 9.60  | 9.13  | 8.73  | 8.38  | 8.08  | 7.83  | 7.61  | 7.42  |
| 186                                                               | 15.12                       | 13.54 | 12.28 | 11.27 | 10.43 | 9.73  | 9.14  | 8.64  | 8.21  | 7.84  | 7.52  | 7.25  | 7.01  | 6.80  | 6.62  |
| 192                                                               | 13.73                       | 12.28 | 11.14 | 10.21 | 9.45  | 8.81  | 8.27  | 7.81  | 7.42  | 7.07  | 6.78  | 6.52  | 6.30  | 6.11  | 5.94  |
| 198                                                               | 12.50                       | 11.18 | 10.13 | 9.28  | 8.58  | 8.00  | 7.50  | 7.08  | 6.72  | 6.41  | 6.13  | 5.89  | 5.69  | 5.51  | 5.35  |
| 204                                                               | 11.41                       | 10.20 | 9.24  | 8.47  | 7.82  | 7.29  | 6.83  | 6.44  | 6.11  | 5.82  | 5.57  | 5.35  | 5.15  | 4.98  | 4.83  |
| 210                                                               | 10.45                       | 9.34  | 8.46  | 7.74  | 7.15  | 6.66  | 6.24  | 5.88  | 5.57  | 5.30  | 5.07  | 4.86  | 4.68  | 4.53  | 4.39  |
| 216                                                               | 9.59                        | 8.57  | 7.76  | 7.10  | 6.56  | 6.10  | 5.71  | 5.38  | 5.09  | 4.85  | 4.63  | 4.44  | 4.27  | 4.12  | 3.99  |

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.



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

TITLE:  
SERIES 900 STEEL MULLION -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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:

10.20.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS011

SHEET:

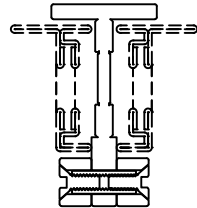
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REV.

B

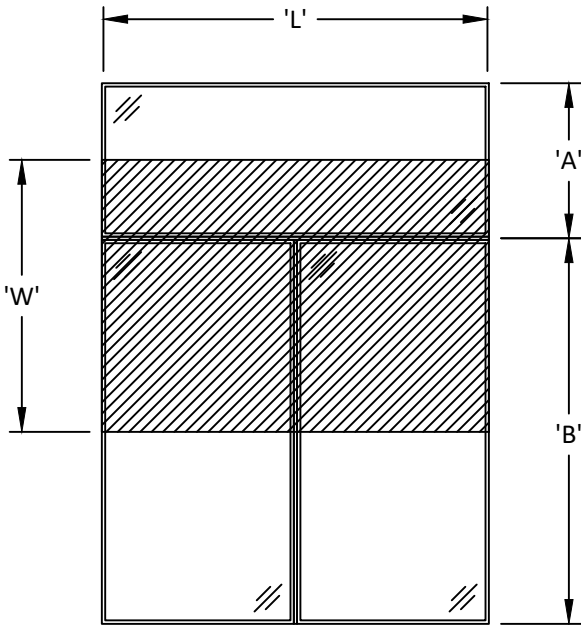
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INTERIOR

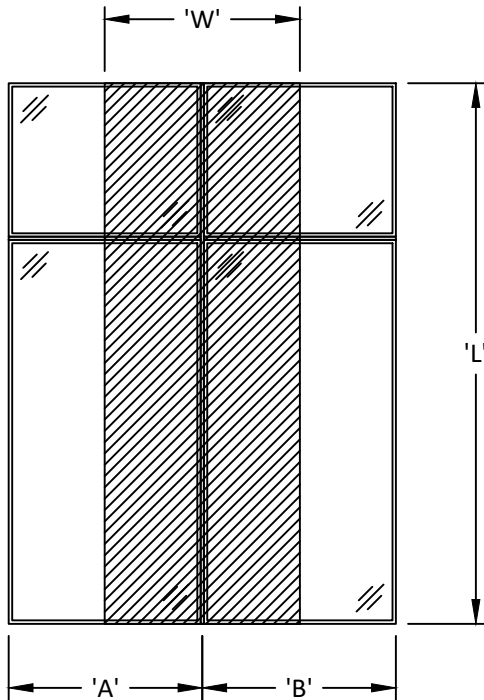


EXTERIOR

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<br>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 | 62.67 | 58.49 | 54.84 | 51.61 | 48.74 | 46.18 | 43.87 | 41.78 | 39.88 |
| 84                         | 65.00                       | 65.00 | 65.00 | 65.00 | 63.04 | 58.19 | 54.04 | 50.44 | 47.28 | 44.50 | 42.03 | 39.82 | 37.83 | 36.03 | 34.39 |
| 90                         | 65.00                       | 65.00 | 65.00 | 59.91 | 54.92 | 50.69 | 47.07 | 43.93 | 41.19 | 38.77 | 36.61 | 34.69 | 32.95 | 31.38 | 29.96 |
| 96                         | 65.00                       | 64.36 | 57.92 | 52.66 | 48.27 | 44.56 | 41.37 | 38.61 | 36.20 | 34.07 | 32.18 | 30.49 | 28.96 | 27.58 | 26.33 |
| 102                        | 64.13                       | 57.01 | 51.31 | 46.64 | 42.76 | 39.47 | 36.65 | 34.21 | 32.07 | 30.18 | 28.50 | 27.00 | 25.65 | 24.43 | 23.32 |
| 108                        | 57.21                       | 50.85 | 45.77 | 41.60 | 38.14 | 35.20 | 32.69 | 30.51 | 28.60 | 26.92 | 25.43 | 24.09 | 22.88 | 21.79 | 20.80 |
| 114                        | 51.34                       | 45.64 | 41.07 | 37.34 | 34.23 | 31.60 | 29.34 | 27.38 | 25.67 | 24.16 | 22.82 | 21.62 | 20.54 | 19.56 | 18.67 |
| 120                        | 46.34                       | 41.19 | 37.07 | 33.70 | 30.89 | 28.52 | 26.48 | 24.71 | 23.17 | 21.81 | 20.59 | 19.51 | 18.53 | 17.65 | 16.85 |
| 126                        | 42.03                       | 37.36 | 33.62 | 30.57 | 28.02 | 25.86 | 24.02 | 22.42 | 21.01 | 19.78 | 18.68 | 17.70 | 16.81 | 16.01 | 15.28 |
| 132                        | 38.30                       | 34.04 | 30.64 | 27.85 | 25.53 | 23.57 | 21.88 | 20.42 | 19.15 | 18.02 | 17.02 | 16.12 | 15.32 | 14.59 | 13.93 |
| 138                        | 35.04                       | 31.14 | 28.03 | 25.48 | 23.36 | 21.56 | 20.02 | 18.69 | 17.52 | 16.49 | 15.57 | 14.75 | 14.02 | 13.35 | 12.74 |
| 144                        | 31.73                       | 28.20 | 25.38 | 23.07 | 21.15 | 19.52 | 18.13 | 16.92 | 15.86 | 14.93 | 14.10 | 13.36 | 12.69 | 12.09 | 11.54 |
| 150                        | 28.07                       | 24.95 | 22.46 | 20.41 | 18.71 | 17.27 | 16.04 | 14.97 | 14.04 | 13.21 | 12.48 | 11.82 | 11.23 | 10.69 | 10.21 |
| 156                        | 24.95                       | 22.18 | 19.96 | 18.15 | 16.64 | 15.36 | 14.26 | 13.31 | 12.48 | 11.74 | 11.09 | 10.51 | 9.98  | 9.51  | 9.07  |
| 162                        | 22.28                       | 19.81 | 17.83 | 16.21 | 14.86 | 13.71 | 12.73 | 11.88 | 11.14 | 10.49 | 9.90  | 9.38  | 8.91  | 8.49  | 8.10  |
| 168                        | 19.98                       | 17.76 | 15.98 | 14.53 | 13.32 | 12.30 | 11.42 | 10.66 | 9.99  | 9.40  | 8.88  | 8.41  | 7.99  | 7.61  | 7.27  |
| 174                        | 17.98                       | 15.99 | 14.39 | 13.08 | 11.99 | 11.07 | 10.28 | 9.59  | 8.99  | 8.46  | 7.99  | 7.57  | 7.19  | 6.85  | 6.54  |
| 180                        | 16.24                       | 14.44 | 13.00 | 11.81 | 10.83 | 10.00 | 9.28  | 8.66  | 8.12  | 7.64  | 7.22  | 6.84  | 6.50  | 6.19  | 5.91  |
| 186                        | 14.72                       | 13.09 | 11.78 | 10.71 | 9.82  | 9.06  | 8.41  | 7.85  | 7.36  | 6.93  | 6.54  | 6.20  | 5.89  | 5.61  | 5.35  |
| 192                        | 13.38                       | 11.90 | 10.71 | 9.73  | 8.92  | 8.24  | 7.65  | 7.14  | 6.69  | 6.30  | 5.95  | 5.64  | 5.35  | 5.10  | 4.87  |
| 198                        | 12.20                       | 10.85 | 9.76  | 8.88  | 8.14  | 7.51  | 6.97  | 6.51  | 6.10  | 5.74  | 5.42  | 5.14  | 4.88  | 4.65  | 4.44  |
| 204                        | 11.16                       | 9.92  | 8.93  | 8.12  | 7.44  | 6.87  | 6.38  | 5.95  | 5.58  | 5.25  | 4.96  | 4.70  | 4.46  | 4.25  | 4.06  |
| 210                        | 10.23                       | 9.09  | 8.18  | 7.44  | 6.82  | 6.30  | 5.85  | 5.46  | 5.11  | 4.81  | 4.55  | 4.31  | 4.09  | 3.90  | 3.72  |
| 216                        | 9.40                        | 8.36  | 7.52  | 6.84  | 6.27  | 5.79  | 5.37  | 5.01  | 4.70  | 4.42  | 4.18  | 3.96  | 3.76  | 3.58  | 3.42  |

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

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

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

TITLE:  
SERIES 900 STEEL MULLION -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

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

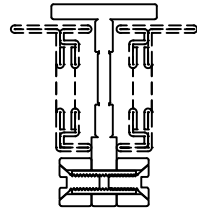
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DWG. #: **ELS011**

SHEET: **6**REV. **B**

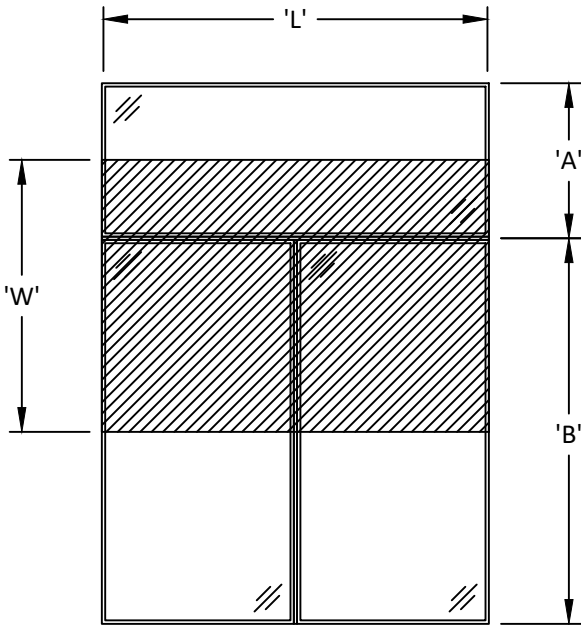
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INTERIOR

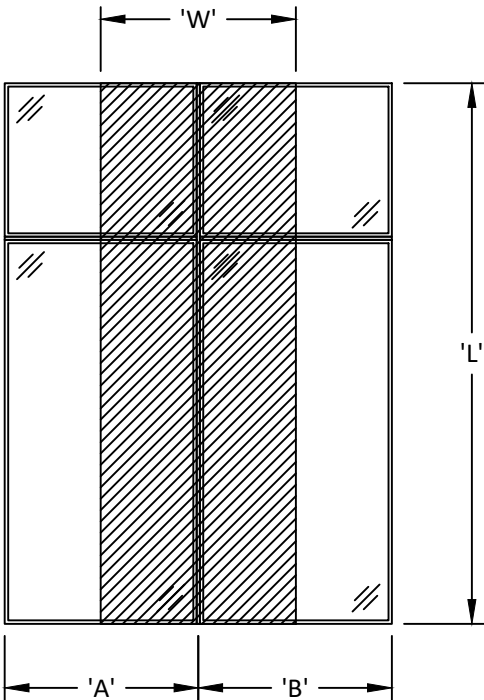


EXTERIOR

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<br>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                        | 46.34                       | 41.19 | 37.07 | 33.70 | 30.89 | 28.52 | 26.48 | 24.71 | 23.17 | 21.81 | 20.59 | 19.51 | 18.53 | 17.65 | 16.85 |
| 126                        | 42.03                       | 37.36 | 33.62 | 30.57 | 28.02 | 25.86 | 24.02 | 22.42 | 21.01 | 19.78 | 18.68 | 17.70 | 16.81 | 16.01 | 15.28 |
| 132                        | 38.30                       | 34.04 | 30.64 | 27.85 | 25.53 | 23.57 | 21.88 | 20.42 | 19.15 | 18.02 | 17.02 | 16.12 | 15.32 | 14.59 | 13.93 |
| 138                        | 35.04                       | 31.14 | 28.03 | 25.48 | 23.36 | 21.56 | 20.02 | 18.69 | 17.52 | 16.49 | 15.57 | 14.75 | 14.02 | 13.35 | 12.74 |
| 144                        | 31.73                       | 28.20 | 25.38 | 23.07 | 21.15 | 19.52 | 18.13 | 16.92 | 15.86 | 14.93 | 14.10 | 13.36 | 12.69 | 12.09 | 11.54 |
| 150                        | 28.07                       | 24.95 | 22.46 | 20.41 | 18.71 | 17.27 | 16.04 | 14.97 | 14.04 | 13.21 | 12.48 | 11.82 | 11.23 | 10.69 | 10.21 |
| 156                        | 24.95                       | 22.18 | 19.96 | 18.15 | 16.64 | 15.36 | 14.26 | 13.31 | 12.48 | 11.74 | 11.09 | 10.51 | 9.98  | 9.51  | 9.07  |
| 162                        | 22.28                       | 19.81 | 17.83 | 16.21 | 14.86 | 13.71 | 12.73 | 11.88 | 11.14 | 10.49 | 9.90  | 9.38  | 8.91  | 8.49  | 8.10  |
| 168                        | 19.98                       | 17.76 | 15.98 | 14.53 | 13.32 | 12.30 | 11.42 | 10.66 | 9.99  | 9.40  | 8.88  | 8.41  | 7.99  | 7.61  | 7.27  |
| 174                        | 17.98                       | 15.99 | 14.39 | 13.08 | 11.99 | 11.07 | 10.28 | 9.59  | 8.99  | 8.46  | 7.99  | 7.57  | 7.19  | 6.85  | 6.54  |
| 180                        | 16.24                       | 14.44 | 13.00 | 11.81 | 10.83 | 10.00 | 9.28  | 8.66  | 8.12  | 7.64  | 7.22  | 6.84  | 6.50  | 6.19  | 5.91  |
| 186                        | 14.72                       | 13.09 | 11.78 | 10.71 | 9.82  | 9.06  | 8.41  | 7.85  | 7.36  | 6.93  | 6.54  | 6.20  | 5.89  | 5.61  | 5.35  |
| 192                        | 13.38                       | 11.90 | 10.71 | 9.73  | 8.92  | 8.24  | 7.65  | 7.14  | 6.69  | 6.30  | 5.95  | 5.64  | 5.35  | 5.10  | 4.87  |
| 198                        | 12.20                       | 10.85 | 9.76  | 8.88  | 8.14  | 7.51  | 6.97  | 6.51  | 6.10  | 5.74  | 5.42  | 5.14  | 4.88  | 4.65  | 4.44  |
| 204                        | 11.16                       | 9.92  | 8.93  | 8.12  | 7.44  | 6.87  | 6.38  | 5.95  | 5.58  | 5.25  | 4.96  | 4.70  | 4.46  | 4.25  | 4.06  |
| 210                        | 10.23                       | 9.09  | 8.18  | 7.44  | 6.82  | 6.30  | 5.85  | 5.46  | 5.11  | 4.81  | 4.55  | 4.31  | 4.09  | 3.90  | 3.72  |
| 216                        | 9.40                        | 8.36  | 7.52  | 6.84  | 6.27  | 5.79  | 5.37  | 5.01  | 4.70  | 4.42  | 4.18  | 3.96  | 3.76  | 3.58  | 3.42  |

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.
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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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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:

10.20.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS011

SHEET:

7

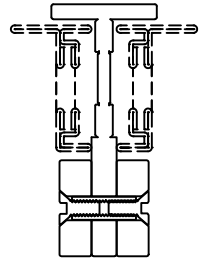
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OF 22

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\els011 - b.dwg 7/27/2026 4:41 PM

INTERIOR

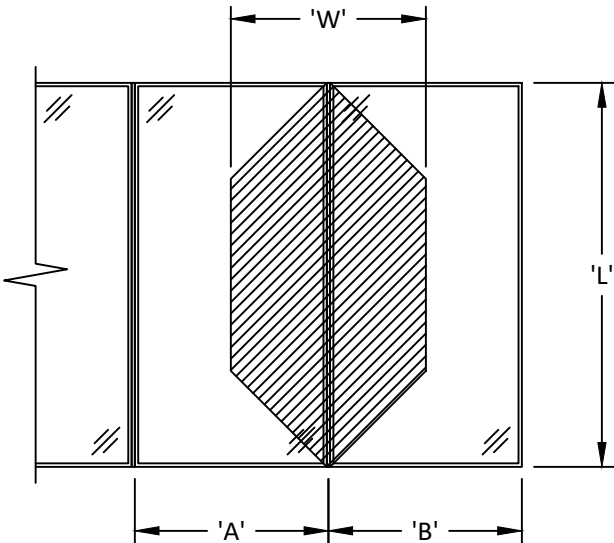


EXTERIOR

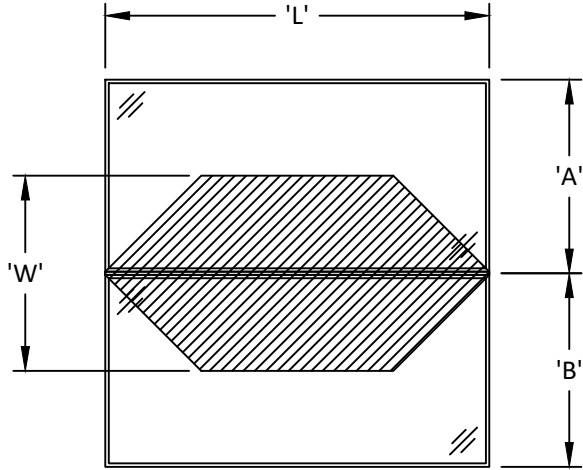
MULLION DETAIL  
FT 1001042TF-14

| DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, ONE-WAY MULLION |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 'L' - SPAN<br>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 | 65.00 | 65.00 | 63.75 | 62.80 | 62.48 | 62.48 | 62.48 | 62.48 | 62.48 | 62.48 |
| 108                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 61.79 | 58.81 | 56.51 | 54.79 | 53.59 | 52.88 | 52.64 | 52.64 | 52.64 | 52.64 | 52.64 |
| 114                                                                | 65.00                       | 65.00 | 62.46 | 58.02 | 54.49 | 51.67 | 49.44 | 47.70 | 46.40 | 45.48 | 44.94 | 44.75 | 44.75 | 44.75 | 44.75 |
| 120                                                                | 65.00                       | 60.96 | 55.81 | 51.73 | 48.45 | 45.81 | 43.68 | 41.98 | 40.65 | 39.64 | 38.94 | 38.51 | 38.37 | 38.37 | 38.37 |
| 126                                                                | 60.96                       | 54.92 | 50.20 | 46.43 | 43.39 | 40.92 | 38.91 | 37.28 | 35.96 | 34.93 | 34.14 | 33.59 | 33.26 | 33.15 | 33.15 |
| 132                                                                | 55.29                       | 49.76 | 45.41 | 41.93 | 39.11 | 36.81 | 34.91 | 33.36 | 32.08 | 31.05 | 30.24 | 29.62 | 29.18 | 28.92 | 28.83 |
| 138                                                                | 50.39                       | 45.30 | 41.29 | 38.07 | 35.46 | 33.30 | 31.53 | 30.05 | 28.83 | 27.82 | 27.01 | 26.36 | 25.86 | 25.51 | 25.30 |
| 144                                                                | 46.12                       | 41.42 | 37.71 | 34.73 | 32.30 | 30.29 | 28.62 | 27.23 | 26.07 | 25.10 | 24.29 | 23.64 | 23.12 | 22.72 | 22.43 |
| 150                                                                | 42.38                       | 38.02 | 34.59 | 31.82 | 29.56 | 27.68 | 26.12 | 24.81 | 23.70 | 22.77 | 21.99 | 21.34 | 20.81 | 20.39 | 20.06 |
| 156                                                                | 39.07                       | 35.04 | 31.84 | 29.27 | 27.16 | 25.40 | 23.94 | 22.70 | 21.65 | 20.77 | 20.02 | 19.38 | 18.86 | 18.42 | 18.07 |
| 162                                                                | 36.15                       | 32.39 | 29.42 | 27.01 | 25.04 | 23.40 | 22.03 | 20.86 | 19.87 | 19.03 | 18.31 | 17.70 | 17.18 | 16.74 | 16.39 |
| 168                                                                | 33.54                       | 30.04 | 27.26 | 25.02 | 23.17 | 21.63 | 20.34 | 19.24 | 18.31 | 17.51 | 16.82 | 16.23 | 15.73 | 15.30 | 14.94 |
| 174                                                                | 31.21                       | 27.93 | 25.34 | 23.24 | 21.51 | 20.06 | 18.85 | 17.81 | 16.93 | 16.17 | 15.51 | 14.95 | 14.46 | 14.04 | 13.69 |
| 180                                                                | 29.11                       | 26.05 | 23.61 | 21.64 | 20.02 | 18.66 | 17.51 | 16.54 | 15.70 | 14.98 | 14.36 | 13.81 | 13.35 | 12.94 | 12.59 |
| 186                                                                | 27.22                       | 24.35 | 22.06 | 20.21 | 18.68 | 17.40 | 16.32 | 15.40 | 14.61 | 13.92 | 13.33 | 12.81 | 12.36 | 11.97 | 11.63 |
| 192                                                                | 24.91                       | 22.29 | 20.22 | 18.53 | 17.15 | 15.99 | 15.01 | 14.17 | 13.46 | 12.84 | 12.31 | 11.84 | 11.43 | 11.08 | 10.77 |
| 198                                                                | 22.68                       | 20.29 | 18.39 | 16.85 | 15.58 | 14.52 | 13.62 | 12.85 | 12.20 | 11.63 | 11.13 | 10.70 | 10.32 | 9.99  | 9.70  |
| 204                                                                | 20.71                       | 18.52 | 16.78 | 15.37 | 14.20 | 13.23 | 12.40 | 11.69 | 11.09 | 10.56 | 10.10 | 9.70  | 9.35  | 9.04  | 8.77  |
| 210                                                                | 18.96                       | 16.95 | 15.35 | 14.05 | 12.98 | 12.08 | 11.32 | 10.67 | 10.11 | 9.62  | 9.20  | 8.83  | 8.50  | 8.21  | 7.96  |
| 216                                                                | 17.40                       | 15.55 | 14.08 | 12.89 | 11.90 | 11.07 | 10.37 | 9.77  | 9.25  | 8.80  | 8.40  | 8.06  | 7.75  | 7.48  | 7.25  |

NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. 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.



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

TITLE:  
SERIES 900 STEEL MULLION -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

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

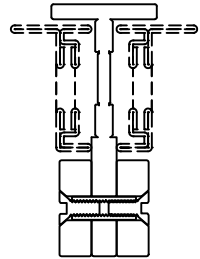
SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **8**REV. **B**

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 projects\dwgs\els011 - b.dwg 7/27/2026 4:41 PM

INTERIOR

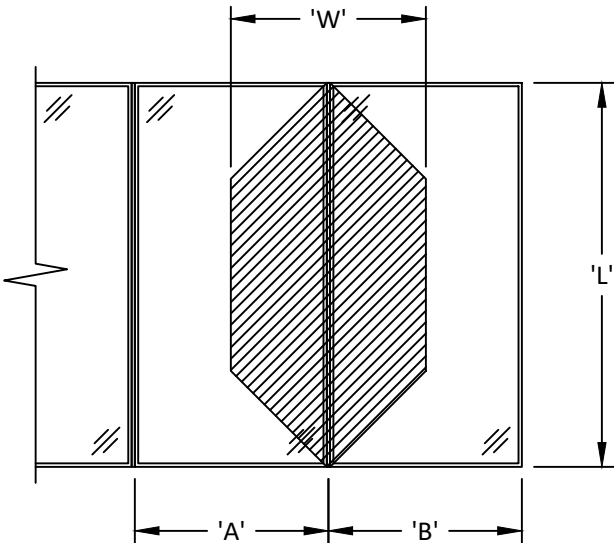


EXTERIOR

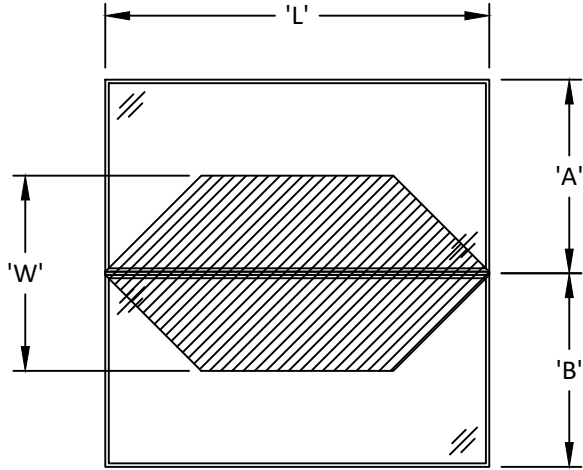
MULLION DETAIL  
FT 1001042TF-14

| DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, ONE-WAY MULLION |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 'L' - SPAN<br>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 | 42.67 | 42.55 | 42.55 | 42.55 | 42.55 |
| 120                                                                | 60.00                       | 55.05 | 51.20 | 48.15 | 45.71 | 43.76 | 42.20 | 40.96 | 40.00 | 39.28 | 38.79 | 38.50 | 38.37 | 38.37 | 38.37 |
| 126                                                                | 56.47                       | 51.72 | 48.00 | 45.04 | 42.67 | 40.74 | 38.91 | 37.28 | 35.96 | 34.93 | 34.14 | 33.59 | 33.26 | 33.15 | 33.15 |
| 132                                                                | 53.33                       | 48.76 | 45.18 | 41.93 | 39.11 | 36.81 | 34.91 | 33.36 | 32.08 | 31.05 | 30.24 | 29.62 | 29.18 | 28.92 | 28.83 |
| 138                                                                | 50.39                       | 45.30 | 41.29 | 38.07 | 35.46 | 33.30 | 31.53 | 30.05 | 28.83 | 27.82 | 27.01 | 26.36 | 25.86 | 25.51 | 25.30 |
| 144                                                                | 46.12                       | 41.42 | 37.71 | 34.73 | 32.30 | 30.29 | 28.62 | 27.23 | 26.07 | 25.10 | 24.29 | 23.64 | 23.12 | 22.72 | 22.43 |
| 150                                                                | 42.38                       | 38.02 | 34.59 | 31.82 | 29.56 | 27.68 | 26.12 | 24.81 | 23.70 | 22.77 | 21.99 | 21.34 | 20.81 | 20.39 | 20.06 |
| 156                                                                | 39.07                       | 35.04 | 31.84 | 29.27 | 27.16 | 25.40 | 23.94 | 22.70 | 21.65 | 20.77 | 20.02 | 19.38 | 18.86 | 18.42 | 18.07 |
| 162                                                                | 36.15                       | 32.39 | 29.42 | 27.01 | 25.04 | 23.40 | 22.03 | 20.86 | 19.87 | 19.03 | 18.31 | 17.70 | 17.18 | 16.74 | 16.39 |
| 168                                                                | 33.54                       | 30.04 | 27.26 | 25.02 | 23.17 | 21.63 | 20.34 | 19.24 | 18.31 | 17.51 | 16.82 | 16.23 | 15.73 | 15.30 | 14.94 |
| 174                                                                | 31.21                       | 27.93 | 25.34 | 23.24 | 21.51 | 20.06 | 18.85 | 17.81 | 16.93 | 16.17 | 15.51 | 14.95 | 14.46 | 14.04 | 13.69 |
| 180                                                                | 29.11                       | 26.05 | 23.61 | 21.64 | 20.02 | 18.66 | 17.51 | 16.54 | 15.70 | 14.98 | 14.36 | 13.81 | 13.35 | 12.94 | 12.59 |
| 186                                                                | 27.22                       | 24.35 | 22.06 | 20.21 | 18.68 | 17.40 | 16.32 | 15.40 | 14.61 | 13.92 | 13.33 | 12.81 | 12.36 | 11.97 | 11.63 |
| 192                                                                | 24.91                       | 22.29 | 20.22 | 18.53 | 17.15 | 15.99 | 15.01 | 14.17 | 13.46 | 12.84 | 12.31 | 11.84 | 11.43 | 11.08 | 10.77 |
| 198                                                                | 22.68                       | 20.29 | 18.39 | 16.85 | 15.58 | 14.52 | 13.62 | 12.85 | 12.20 | 11.63 | 11.13 | 10.70 | 10.32 | 9.99  | 9.70  |
| 204                                                                | 20.71                       | 18.52 | 16.78 | 15.37 | 14.20 | 13.23 | 12.40 | 11.69 | 11.09 | 10.56 | 10.10 | 9.70  | 9.35  | 9.04  | 8.77  |
| 210                                                                | 18.96                       | 16.95 | 15.35 | 14.05 | 12.98 | 12.08 | 11.32 | 10.67 | 10.11 | 9.62  | 9.20  | 8.83  | 8.50  | 8.21  | 7.96  |
| 216                                                                | 17.40                       | 15.55 | 14.08 | 12.89 | 11.90 | 11.07 | 10.37 | 9.77  | 9.25  | 8.80  | 8.40  | 8.06  | 7.75  | 7.48  | 7.25  |

NOTE: THIS TABLE APPLIES TO ANCHOR TYPE 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.



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

TITLE:  
SERIES 900 STEEL MULLION -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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:

10.20.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS011

SHEET:

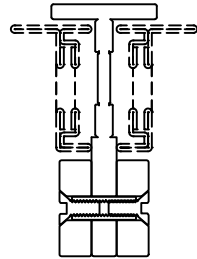
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REV.

B

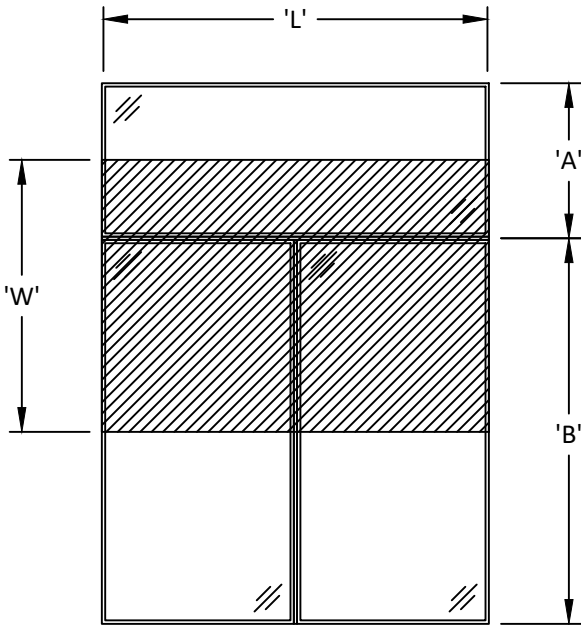
c:\users\mengasun\building drops, inc\building drops landing - common\projects\2026 code change projects\euroline steel windows & doors\cc-26-0522.2 - 2026 code change\dwgs\els011 - b.dwg 7/27/2026 4:41 PM

INTERIOR

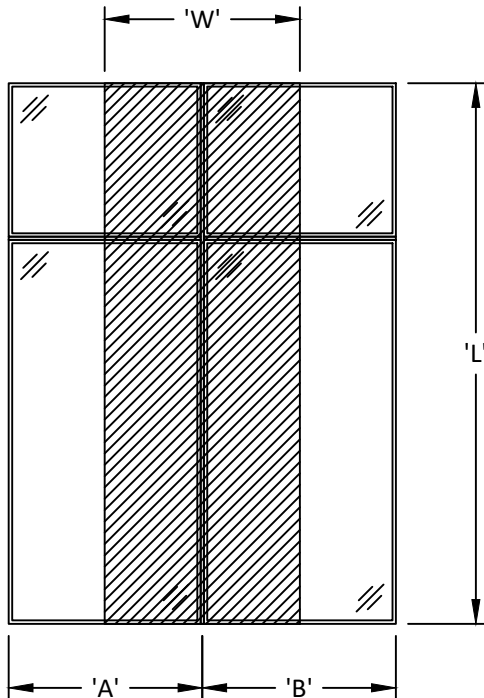


EXTERIOR

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 | 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 | 62.92 | 57.68 | 53.24 | 49.44 | 46.14 | 43.26 | 40.71 | 38.45 | 36.43 | 34.61 | 32.96 | 31.46 |
| 108                                                                | 65.00                       | 65.00 | 63.16 | 57.42 | 52.64 | 48.59 | 45.12 | 42.11 | 39.48 | 37.15 | 35.09 | 33.24 | 31.58 | 30.08 | 28.71 |
| 114                                                                | 65.00                       | 62.99 | 56.69 | 51.54 | 47.24 | 43.61 | 40.49 | 37.79 | 35.43 | 33.35 | 31.49 | 29.84 | 28.34 | 26.99 | 25.77 |
| 120                                                                | 63.95                       | 56.85 | 51.16 | 46.51 | 42.63 | 39.36 | 36.54 | 34.11 | 31.98 | 30.10 | 28.42 | 26.93 | 25.58 | 24.36 | 23.26 |
| 126                                                                | 58.01                       | 51.56 | 46.41 | 42.19 | 38.67 | 35.70 | 33.15 | 30.94 | 29.00 | 27.30 | 25.78 | 24.42 | 23.20 | 22.10 | 21.09 |
| 132                                                                | 52.85                       | 46.98 | 42.28 | 38.44 | 35.24 | 32.52 | 30.20 | 28.19 | 26.43 | 24.87 | 23.49 | 22.25 | 21.14 | 20.13 | 19.22 |
| 138                                                                | 48.36                       | 42.98 | 38.69 | 35.17 | 32.24 | 29.76 | 27.63 | 25.79 | 24.18 | 22.76 | 21.49 | 20.36 | 19.34 | 18.42 | 17.58 |
| 144                                                                | 44.41                       | 39.48 | 35.53 | 32.30 | 29.61 | 27.33 | 25.38 | 23.69 | 22.21 | 20.90 | 19.74 | 18.70 | 17.76 | 16.92 | 16.15 |
| 150                                                                | 40.93                       | 36.38 | 32.74 | 29.77 | 27.29 | 25.19 | 23.39 | 21.83 | 20.46 | 19.26 | 18.19 | 17.23 | 16.37 | 15.59 | 14.88 |
| 156                                                                | 37.84                       | 33.64 | 30.27 | 27.52 | 25.23 | 23.29 | 21.62 | 20.18 | 18.92 | 17.81 | 16.82 | 15.93 | 15.14 | 14.42 | 13.76 |
| 162                                                                | 35.09                       | 31.19 | 28.07 | 25.52 | 23.39 | 21.59 | 20.05 | 18.71 | 17.55 | 16.51 | 15.60 | 14.77 | 14.04 | 13.37 | 12.76 |
| 168                                                                | 32.63                       | 29.00 | 26.10 | 23.73 | 21.75 | 20.08 | 18.64 | 17.40 | 16.31 | 15.35 | 14.50 | 13.74 | 13.05 | 12.43 | 11.86 |
| 174                                                                | 30.42                       | 27.04 | 24.33 | 22.12 | 20.28 | 18.72 | 17.38 | 16.22 | 15.21 | 14.31 | 13.52 | 12.81 | 12.17 | 11.59 | 11.06 |
| 180                                                                | 28.42                       | 25.26 | 22.74 | 20.67 | 18.95 | 17.49 | 16.24 | 15.16 | 14.21 | 13.38 | 12.63 | 11.97 | 11.37 | 10.83 | 10.34 |
| 186                                                                | 26.62                       | 23.66 | 21.30 | 19.36 | 17.75 | 16.38 | 15.21 | 14.20 | 13.31 | 12.53 | 11.83 | 11.21 | 10.65 | 10.14 | 9.68  |
| 192                                                                | 24.29                       | 21.59 | 19.43 | 17.67 | 16.20 | 14.95 | 13.88 | 12.96 | 12.15 | 11.43 | 10.80 | 10.23 | 9.72  | 9.25  | 8.83  |
| 198                                                                | 22.15                       | 19.69 | 17.72 | 16.11 | 14.77 | 13.63 | 12.66 | 11.81 | 11.08 | 10.42 | 9.84  | 9.33  | 8.86  | 8.44  | 8.05  |
| 204                                                                | 20.25                       | 18.00 | 16.20 | 14.73 | 13.50 | 12.46 | 11.57 | 10.80 | 10.13 | 9.53  | 9.00  | 8.53  | 8.10  | 7.72  | 7.36  |
| 210                                                                | 18.57                       | 16.50 | 14.85 | 13.50 | 12.38 | 11.43 | 10.61 | 9.90  | 9.28  | 8.74  | 8.25  | 7.82  | 7.43  | 7.07  | 6.75  |
| 216                                                                | 17.06                       | 15.17 | 13.65 | 12.41 | 11.37 | 10.50 | 9.75  | 9.10  | 8.53  | 8.03  | 7.58  | 7.18  | 6.82  | 6.50  | 6.20  |

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 -  
BAR INSTALLATION  
(WZ3) (IMPACT)

MULLION DESIGN PRESSURE TABLE

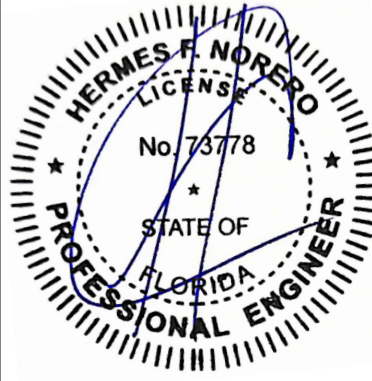
PREPARED BY:

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. NAME UPDATE     | MS | 11/04/25  |
| B. 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:  
**10.20.2025**

DWG. BY:  
**MS**

CHK. BY:  
**HFN**

SCALE:  
**NTS**

DWG. #:  
**ELS011**

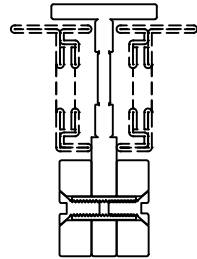
SHEET:  
**10**

REV.  
**B**

OF 22

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\els011 - b.dwg 7/27/2026 4:41 PM

INTERIOR

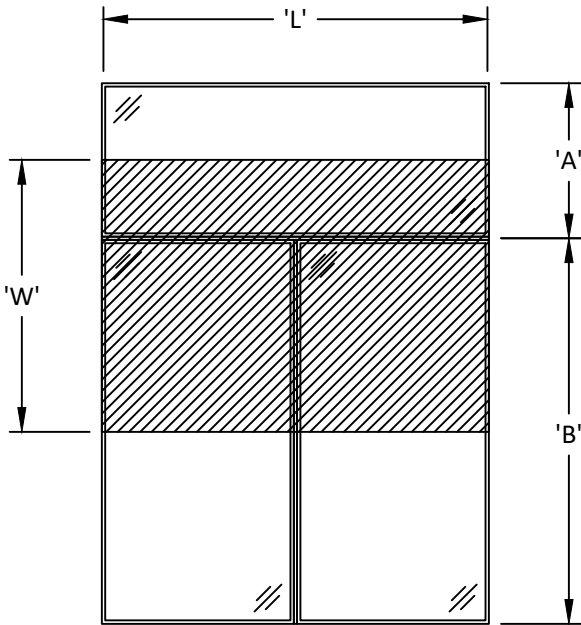


EXTERIOR

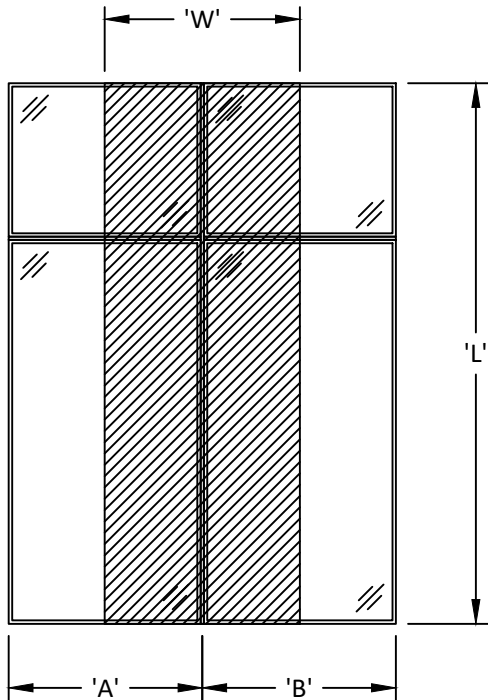
MULLION DETAIL  
FT 1001042TF-14

| DESIGN PRESSURE TABLE (+/- PSF) - FT 1001042TF-14, TWO-WAY MULLION |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 'L' - SPAN<br>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                                                                | 36.92                       | 32.82 | 29.54 | 26.85 | 24.62 | 22.72 | 21.10 | 19.69 | 18.46 | 17.38 | 16.41 | 15.55 | 14.77 | 14.07 | 13.43 |
| 162                                                                | 35.09                       | 31.19 | 28.07 | 25.52 | 23.39 | 21.59 | 20.05 | 18.71 | 17.55 | 16.51 | 15.60 | 14.77 | 14.04 | 13.37 | 12.76 |
| 168                                                                | 32.63                       | 29.00 | 26.10 | 23.73 | 21.75 | 20.08 | 18.64 | 17.40 | 16.31 | 15.35 | 14.50 | 13.74 | 13.05 | 12.43 | 11.86 |
| 174                                                                | 30.42                       | 27.04 | 24.33 | 22.12 | 20.28 | 18.72 | 17.38 | 16.22 | 15.21 | 14.31 | 13.52 | 12.81 | 12.17 | 11.59 | 11.06 |
| 180                                                                | 28.42                       | 25.26 | 22.74 | 20.67 | 18.95 | 17.49 | 16.24 | 15.16 | 14.21 | 13.38 | 12.63 | 11.97 | 11.37 | 10.83 | 10.34 |
| 186                                                                | 26.62                       | 23.66 | 21.30 | 19.36 | 17.75 | 16.38 | 15.21 | 14.20 | 13.31 | 12.53 | 11.83 | 11.21 | 10.65 | 10.14 | 9.68  |
| 192                                                                | 24.29                       | 21.59 | 19.43 | 17.67 | 16.20 | 14.95 | 13.88 | 12.96 | 12.15 | 11.43 | 10.80 | 10.23 | 9.72  | 9.25  | 8.83  |
| 198                                                                | 22.15                       | 19.69 | 17.72 | 16.11 | 14.77 | 13.63 | 12.66 | 11.81 | 11.08 | 10.42 | 9.84  | 9.33  | 8.86  | 8.44  | 8.05  |
| 204                                                                | 20.25                       | 18.00 | 16.20 | 14.73 | 13.50 | 12.46 | 11.57 | 10.80 | 10.13 | 9.53  | 9.00  | 8.53  | 8.10  | 7.72  | 7.36  |
| 210                                                                | 18.57                       | 16.50 | 14.85 | 13.50 | 12.38 | 11.43 | 10.61 | 9.90  | 9.28  | 8.74  | 8.25  | 7.82  | 7.43  | 7.07  | 6.75  |
| 216                                                                | 17.06                       | 15.17 | 13.65 | 12.41 | 11.37 | 10.50 | 9.75  | 9.10  | 8.53  | 8.03  | 7.58  | 7.18  | 6.82  | 6.50  | 6.20  |

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



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.



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

TITLE:  
SERIES 900 STEEL MULLION -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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:

10.20.2025

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

ELS011

SHEET:

11

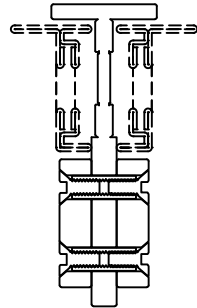
REV.

B

OF 22

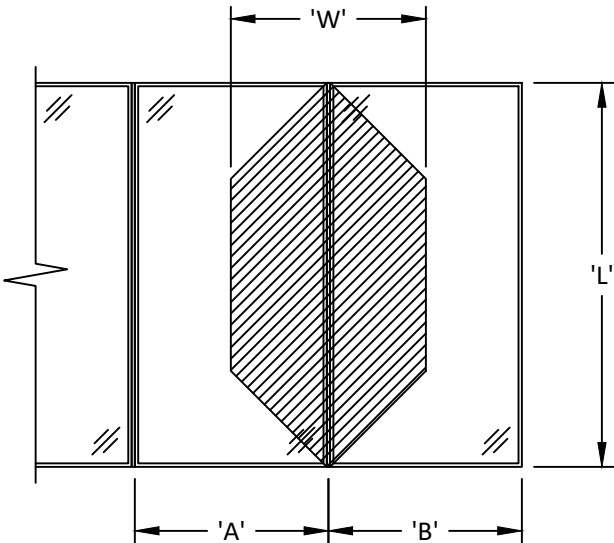
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INTERIOR

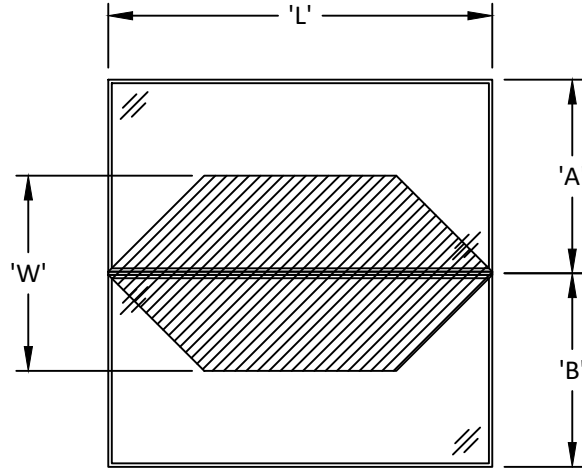


EXTERIOR

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.
  - 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 | 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 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 |
| 108                                                                | 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 |
| 114                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 65.00 | 64.55 | 61.77 | 59.60 | 57.97 | 56.82 | 56.14 | 55.91 | 55.91 | 55.91 | 55.91 |
| 120                                                                | 65.00                       | 65.00 | 65.00 | 64.62 | 60.53 | 57.23 | 54.57 | 52.44 | 50.78 | 49.53 | 48.64 | 48.11 | 47.94 | 47.94 | 47.94 |
| 126                                                                | 65.00                       | 65.00 | 62.71 | 58.01 | 54.21 | 51.13 | 48.61 | 46.57 | 44.93 | 43.63 | 42.65 | 41.96 | 41.55 | 41.41 | 41.41 |
| 132                                                                | 65.00                       | 62.16 | 56.73 | 52.39 | 48.87 | 45.99 | 43.62 | 41.67 | 40.08 | 38.79 | 37.78 | 37.00 | 36.45 | 36.13 | 36.02 |
| 138                                                                | 62.95                       | 56.59 | 51.58 | 47.56 | 44.29 | 41.61 | 39.39 | 37.54 | 36.02 | 34.76 | 33.74 | 32.93 | 32.31 | 31.87 | 31.61 |
| 144                                                                | 57.62                       | 51.74 | 47.11 | 43.39 | 40.35 | 37.84 | 35.76 | 34.02 | 32.57 | 31.35 | 30.35 | 29.53 | 28.88 | 28.38 | 28.03 |
| 150                                                                | 52.94                       | 47.50 | 43.21 | 39.75 | 36.92 | 34.58 | 32.63 | 30.99 | 29.61 | 28.45 | 27.47 | 26.66 | 26.00 | 25.47 | 25.06 |
| 156                                                                | 48.82                       | 43.77 | 39.78 | 36.56 | 33.93 | 31.74 | 29.90 | 28.36 | 27.05 | 25.94 | 25.01 | 24.22 | 23.56 | 23.01 | 22.58 |
| 162                                                                | 45.16                       | 40.47 | 36.75 | 33.75 | 31.29 | 29.24 | 27.52 | 26.06 | 24.83 | 23.77 | 22.87 | 22.11 | 21.46 | 20.92 | 20.47 |
| 168                                                                | 41.90                       | 37.53 | 34.06 | 31.25 | 28.95 | 27.03 | 25.41 | 24.04 | 22.87 | 21.87 | 21.01 | 20.28 | 19.65 | 19.11 | 18.66 |
| 174                                                                | 38.99                       | 34.90 | 31.65 | 29.03 | 26.87 | 25.06 | 23.54 | 22.25 | 21.15 | 20.20 | 19.38 | 18.67 | 18.06 | 17.54 | 17.10 |
| 180                                                                | 36.37                       | 32.54 | 29.50 | 27.04 | 25.01 | 23.31 | 21.88 | 20.66 | 19.61 | 18.71 | 17.93 | 17.26 | 16.67 | 16.17 | 15.73 |
| 186                                                                | 34.01                       | 30.41 | 27.56 | 25.25 | 23.34 | 21.74 | 20.39 | 19.24 | 18.25 | 17.39 | 16.65 | 16.01 | 15.45 | 14.96 | 14.53 |
| 192                                                                | 31.87                       | 28.49 | 25.81 | 23.63 | 21.83 | 20.32 | 19.05 | 17.96 | 17.02 | 16.21 | 15.51 | 14.89 | 14.35 | 13.88 | 13.47 |
| 198                                                                | 29.93                       | 26.75 | 24.22 | 22.16 | 20.47 | 19.04 | 17.84 | 16.81 | 15.92 | 15.15 | 14.48 | 13.89 | 13.38 | 12.92 | 12.53 |
| 204                                                                | 28.17                       | 25.16 | 22.77 | 20.83 | 19.23 | 17.88 | 16.74 | 15.77 | 14.92 | 14.19 | 13.55 | 12.99 | 12.50 | 12.07 | 11.68 |
| 210                                                                | 26.55                       | 23.71 | 21.45 | 19.62 | 18.10 | 16.83 | 15.75 | 14.82 | 14.02 | 13.32 | 12.72 | 12.18 | 11.71 | 11.29 | 10.93 |
| 216                                                                | 24.74                       | 22.11 | 20.02 | 18.32 | 16.91 | 15.74 | 14.74 | 13.88 | 13.14 | 12.50 | 11.94 | 11.45 | 10.99 | 10.60 | 10.24 |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

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

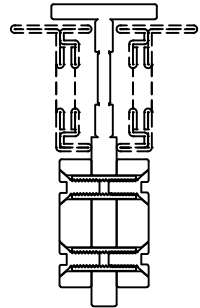
SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **12**REV. **B**

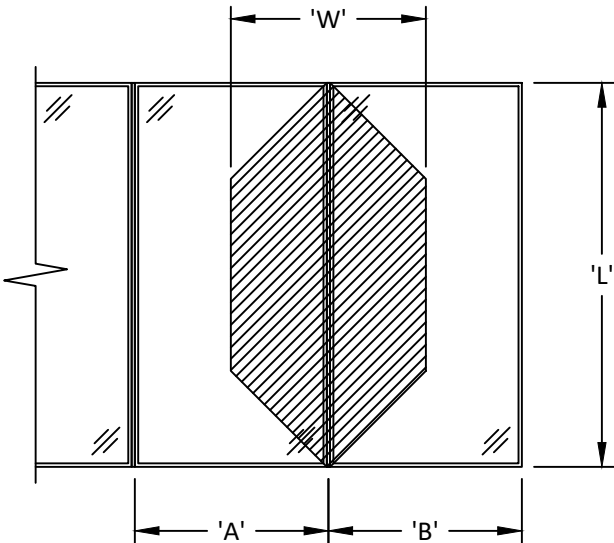
c:\users\mengusun\building drops, inc\building drops landing - common\projects\2026 code change projects\euroline steel windows & doors\cc-26-0522.2 - 2026 code change\dwgs\els011 - b.dwg 7/27/2026 4:41 PM

INTERIOR

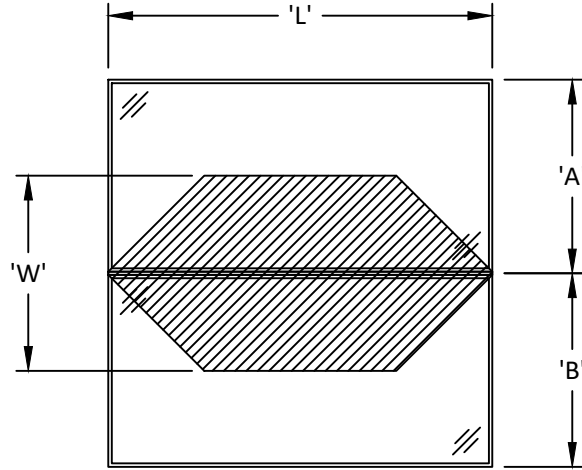


EXTERIOR

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.
  - 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 | 42.67 | 42.55 | 42.55 | 42.55 | 42.55 |
| 120                                                                | 60.00                       | 55.05 | 51.20 | 48.15 | 45.71 | 43.76 | 42.20 | 40.96 | 40.00 | 39.28 | 38.79 | 38.50 | 38.40 | 38.40 | 38.40 |
| 126                                                                | 56.47                       | 51.72 | 48.00 | 45.04 | 42.67 | 40.74 | 39.18 | 37.93 | 36.92 | 36.14 | 35.56 | 35.15 | 34.91 | 34.83 | 34.83 |
| 132                                                                | 53.33                       | 48.76 | 45.18 | 42.31 | 40.00 | 38.11 | 36.57 | 35.31 | 34.29 | 33.46 | 32.82 | 32.34 | 32.00 | 31.80 | 31.74 |
| 138                                                                | 50.53                       | 46.13 | 42.67 | 39.90 | 37.65 | 35.80 | 34.29 | 33.03 | 32.00 | 31.16 | 30.48 | 29.94 | 29.54 | 29.26 | 29.09 |
| 144                                                                | 48.00                       | 43.76 | 40.42 | 37.74 | 35.56 | 33.76 | 32.27 | 31.03 | 30.00 | 29.15 | 28.44 | 27.88 | 27.43 | 27.09 | 26.85 |
| 150                                                                | 45.71                       | 41.63 | 38.40 | 35.80 | 33.68 | 31.93 | 30.48 | 29.26 | 28.24 | 27.38 | 26.67 | 26.08 | 25.60 | 25.22 | 24.94 |
| 156                                                                | 43.64                       | 39.69 | 36.57 | 34.06 | 32.00 | 30.30 | 28.87 | 27.68 | 26.67 | 25.82 | 25.01 | 24.22 | 23.56 | 23.01 | 22.58 |
| 162                                                                | 41.74                       | 37.93 | 34.91 | 32.47 | 30.48 | 28.82 | 27.43 | 26.06 | 24.83 | 23.77 | 22.87 | 22.11 | 21.46 | 20.92 | 20.47 |
| 168                                                                | 40.00                       | 36.31 | 33.39 | 31.03 | 28.95 | 27.03 | 25.41 | 24.04 | 22.87 | 21.87 | 21.01 | 20.28 | 19.65 | 19.11 | 18.66 |
| 174                                                                | 38.40                       | 34.83 | 31.65 | 29.03 | 26.87 | 25.06 | 23.54 | 22.25 | 21.15 | 20.20 | 19.38 | 18.67 | 18.06 | 17.54 | 17.10 |
| 180                                                                | 36.37                       | 32.54 | 29.50 | 27.04 | 25.01 | 23.31 | 21.88 | 20.66 | 19.61 | 18.71 | 17.93 | 17.26 | 16.67 | 16.17 | 15.73 |
| 186                                                                | 34.01                       | 30.41 | 27.56 | 25.25 | 23.34 | 21.74 | 20.39 | 19.24 | 18.25 | 17.39 | 16.65 | 16.01 | 15.45 | 14.96 | 14.53 |
| 192                                                                | 31.87                       | 28.49 | 25.81 | 23.63 | 21.83 | 20.32 | 19.05 | 17.96 | 17.02 | 16.21 | 15.51 | 14.89 | 14.35 | 13.88 | 13.47 |
| 198                                                                | 29.93                       | 26.75 | 24.22 | 22.16 | 20.47 | 19.04 | 17.84 | 16.81 | 15.92 | 15.15 | 14.48 | 13.89 | 13.38 | 12.92 | 12.53 |
| 204                                                                | 28.17                       | 25.16 | 22.77 | 20.83 | 19.23 | 17.88 | 16.74 | 15.77 | 14.92 | 14.19 | 13.55 | 12.99 | 12.50 | 12.07 | 11.68 |
| 210                                                                | 26.55                       | 23.71 | 21.45 | 19.62 | 18.10 | 16.83 | 15.75 | 14.82 | 14.02 | 13.32 | 12.72 | 12.18 | 11.71 | 11.29 | 10.93 |
| 216                                                                | 24.74                       | 22.11 | 20.02 | 18.32 | 16.91 | 15.74 | 14.74 | 13.88 | 13.14 | 12.50 | 11.94 | 11.45 | 10.99 | 10.60 | 10.24 |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

SCALE: **NTS**

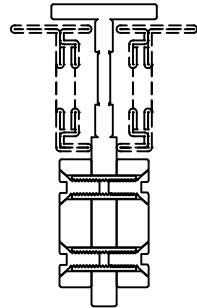
DWG. #: **ELS011**

SHEET: **13**      REV. **B**

OF 22

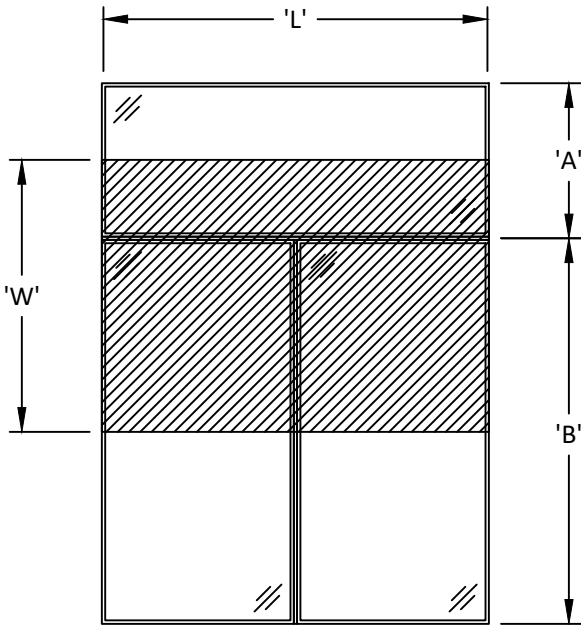
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INTERIOR

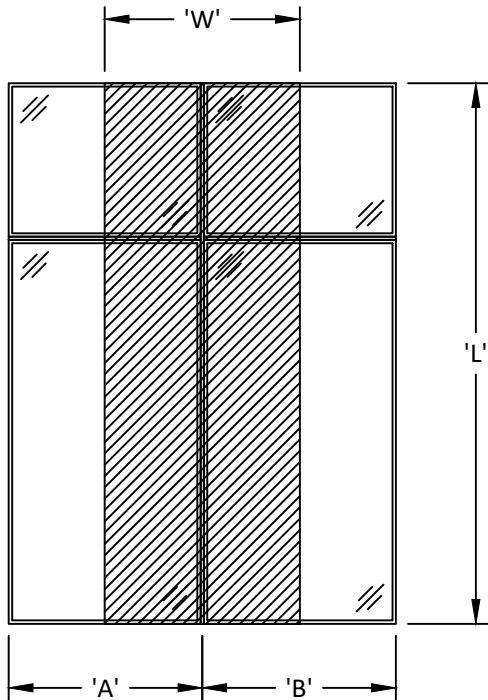


EXTERIOR

MULLION DETAIL  
FT 1201042TF-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 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 | 62.92 | 57.68 | 53.24 | 49.44 | 46.14 | 43.26 | 40.71 | 38.45 | 36.43 | 34.61 | 32.96 | 31.46 |
| 108                                                                | 65.00                       | 65.00 | 65.00 | 59.43 | 54.47 | 50.28 | 46.69 | 43.58 | 40.86 | 38.45 | 36.32 | 34.40 | 32.68 | 31.13 | 29.71 |
| 114                                                                | 65.00                       | 65.00 | 61.93 | 56.30 | 51.61 | 47.64 | 44.23 | 41.29 | 38.71 | 36.43 | 34.40 | 32.59 | 30.96 | 29.49 | 28.15 |
| 120                                                                | 65.00                       | 65.00 | 58.83 | 53.48 | 49.03 | 45.26 | 42.02 | 39.22 | 36.77 | 34.61 | 32.68 | 30.96 | 29.42 | 28.02 | 26.74 |
| 126                                                                | 65.00                       | 62.26 | 56.03 | 50.94 | 46.69 | 43.10 | 40.02 | 37.35 | 35.02 | 32.96 | 31.13 | 29.49 | 28.02 | 26.68 | 25.47 |
| 132                                                                | 65.00                       | 58.69 | 52.82 | 48.02 | 44.02 | 40.63 | 37.73 | 35.22 | 33.01 | 31.07 | 29.35 | 27.80 | 26.41 | 25.15 | 24.01 |
| 138                                                                | 60.41                       | 53.70 | 48.33 | 43.94 | 40.28 | 37.18 | 34.52 | 32.22 | 30.21 | 28.43 | 26.85 | 25.44 | 24.17 | 23.01 | 21.97 |
| 144                                                                | 55.48                       | 49.32 | 44.39 | 40.35 | 36.99 | 34.14 | 31.70 | 29.59 | 27.74 | 26.11 | 24.66 | 23.36 | 22.19 | 21.14 | 20.18 |
| 150                                                                | 51.13                       | 45.45 | 40.91 | 37.19 | 34.09 | 31.47 | 29.22 | 27.27 | 25.57 | 24.06 | 22.73 | 21.53 | 20.45 | 19.48 | 18.59 |
| 156                                                                | 47.28                       | 42.02 | 37.82 | 34.38 | 31.52 | 29.09 | 27.01 | 25.21 | 23.64 | 22.25 | 21.01 | 19.91 | 18.91 | 18.01 | 17.19 |
| 162                                                                | 43.84                       | 38.97 | 35.07 | 31.88 | 29.23 | 26.98 | 25.05 | 23.38 | 21.92 | 20.63 | 19.48 | 18.46 | 17.54 | 16.70 | 15.94 |
| 168                                                                | 40.76                       | 36.23 | 32.61 | 29.65 | 27.18 | 25.08 | 23.29 | 21.74 | 20.38 | 19.18 | 18.12 | 17.16 | 16.31 | 15.53 | 14.82 |
| 174                                                                | 38.00                       | 33.78 | 30.40 | 27.64 | 25.33 | 23.38 | 21.71 | 20.27 | 19.00 | 17.88 | 16.89 | 16.00 | 15.20 | 14.48 | 13.82 |
| 180                                                                | 35.51                       | 31.56 | 28.41 | 25.82 | 23.67 | 21.85 | 20.29 | 18.94 | 17.75 | 16.71 | 15.78 | 14.95 | 14.20 | 13.53 | 12.91 |
| 186                                                                | 33.26                       | 29.56 | 26.60 | 24.19 | 22.17 | 20.46 | 19.00 | 17.74 | 16.63 | 15.65 | 14.78 | 14.00 | 13.30 | 12.67 | 12.09 |
| 192                                                                | 31.21                       | 27.74 | 24.97 | 22.70 | 20.81 | 19.21 | 17.83 | 16.64 | 15.60 | 14.69 | 13.87 | 13.14 | 12.48 | 11.89 | 11.35 |
| 198                                                                | 29.35                       | 26.09 | 23.48 | 21.34 | 19.56 | 18.06 | 16.77 | 15.65 | 14.67 | 13.81 | 13.04 | 12.36 | 11.74 | 11.18 | 10.67 |
| 204                                                                | 27.65                       | 24.57 | 22.12 | 20.11 | 18.43 | 17.01 | 15.80 | 14.74 | 13.82 | 13.01 | 12.29 | 11.64 | 11.06 | 10.53 | 10.05 |
| 210                                                                | 26.09                       | 23.19 | 20.87 | 18.97 | 17.39 | 16.05 | 14.91 | 13.91 | 13.04 | 12.28 | 11.59 | 10.98 | 10.44 | 9.94  | 9.49  |
| 216                                                                | 24.25                       | 21.56 | 19.40 | 17.64 | 16.17 | 14.93 | 13.86 | 12.94 | 12.13 | 11.41 | 10.78 | 10.21 | 9.70  | 9.24  | 8.82  |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

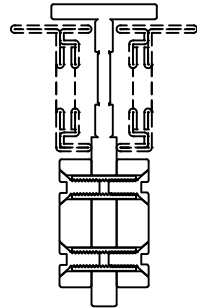
SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **14**      REV. **B**

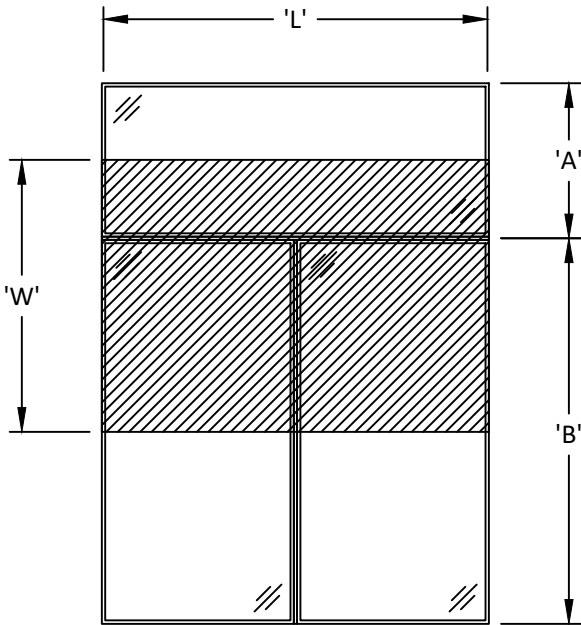
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INTERIOR

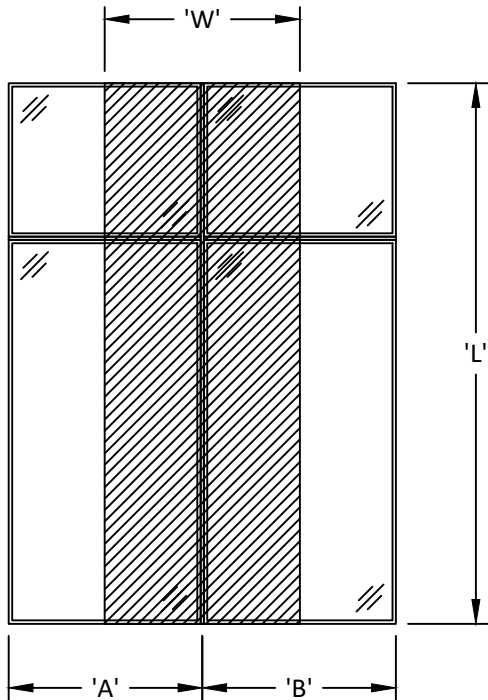


EXTERIOR

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<br>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                        | 36.92                       | 32.82 | 29.54 | 26.85 | 24.62 | 22.72 | 21.10 | 19.69 | 18.46 | 17.38 | 16.41 | 15.55 | 14.77 | 14.07 | 13.43 |
| 162                        | 35.56                       | 31.60 | 28.44 | 25.86 | 23.70 | 21.88 | 20.32 | 18.96 | 17.78 | 16.73 | 15.80 | 14.97 | 14.22 | 13.54 | 12.93 |
| 168                        | 34.29                       | 30.48 | 27.43 | 24.94 | 22.86 | 21.10 | 19.59 | 18.29 | 17.14 | 16.13 | 15.24 | 14.44 | 13.71 | 13.06 | 12.47 |
| 174                        | 33.10                       | 29.43 | 26.48 | 24.08 | 22.07 | 20.37 | 18.92 | 17.66 | 16.55 | 15.58 | 14.71 | 13.94 | 13.24 | 12.61 | 12.04 |
| 180                        | 32.00                       | 28.44 | 25.60 | 23.27 | 21.33 | 19.69 | 18.29 | 17.07 | 16.00 | 15.06 | 14.22 | 13.47 | 12.80 | 12.19 | 11.64 |
| 186                        | 30.97                       | 27.53 | 24.77 | 22.52 | 20.65 | 19.06 | 17.70 | 16.52 | 15.48 | 14.57 | 13.76 | 13.04 | 12.39 | 11.80 | 11.26 |
| 192                        | 30.00                       | 26.67 | 24.00 | 21.82 | 20.00 | 18.46 | 17.14 | 16.00 | 15.00 | 14.12 | 13.33 | 12.63 | 12.00 | 11.43 | 10.91 |
| 198                        | 29.09                       | 25.86 | 23.27 | 21.16 | 19.39 | 17.90 | 16.62 | 15.52 | 14.55 | 13.69 | 12.93 | 12.25 | 11.64 | 11.08 | 10.58 |
| 204                        | 27.65                       | 24.57 | 22.12 | 20.11 | 18.43 | 17.01 | 15.80 | 14.74 | 13.82 | 13.01 | 12.29 | 11.64 | 11.06 | 10.53 | 10.05 |
| 210                        | 26.09                       | 23.19 | 20.87 | 18.97 | 17.39 | 16.05 | 14.91 | 13.91 | 13.04 | 12.28 | 11.59 | 10.98 | 10.44 | 9.94  | 9.49  |
| 216                        | 24.25                       | 21.56 | 19.40 | 17.64 | 16.17 | 14.93 | 13.86 | 12.94 | 12.13 | 11.41 | 10.78 | 10.21 | 9.70  | 9.24  | 8.82  |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

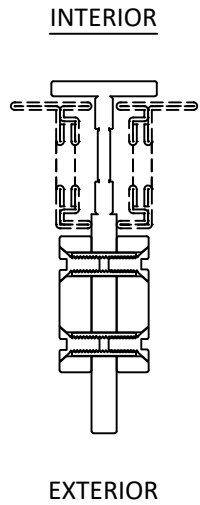
DWG. BY: **MS**CHK. BY: **HFN**

SCALE: **NTS**

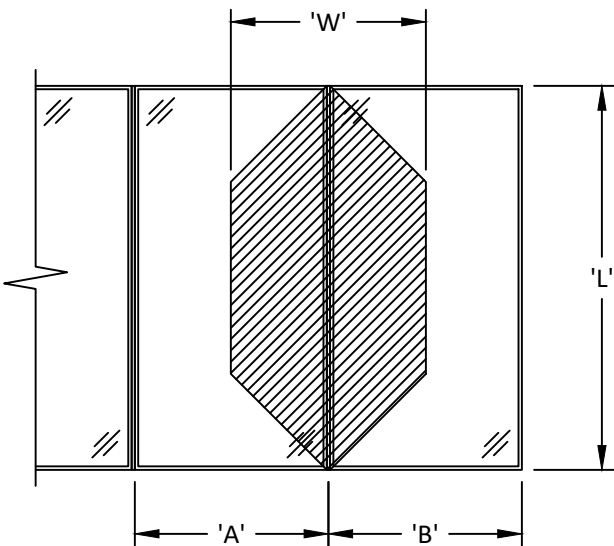
DWG. #: **ELS011**

SHEET: **15**REV. **B**

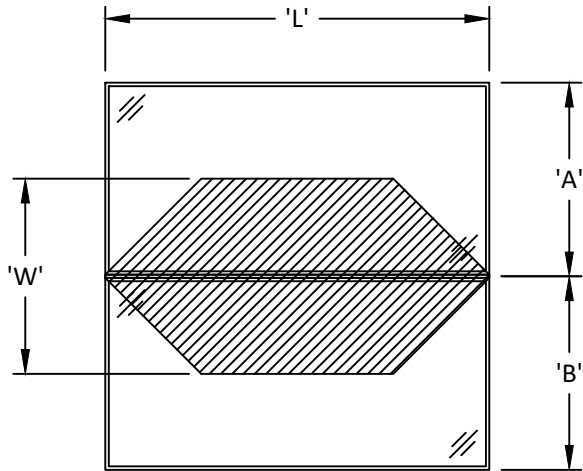
c:\users\mengusun\building drops, inc\building drops landing - common\projects\2026 code change projects\euroline steel windows & doors\cc-26-0522.2 - 2026 code change\dwgs\els011 - b.dwg 7/27/2026 4:41 PM



MULLION DETAIL  
FT 1401042TF-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.
  - 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 1401042TF-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 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 |
| 108                                                                | 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 |
| 114                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 64.54 | 64.00 | 63.82 | 63.82 | 63.82 | 63.82 |
| 120                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 65.00 | 65.00 | 63.30 | 61.44 | 60.00 | 58.68 | 57.63 | 57.01 | 56.80 | 56.80 | 56.80 |
| 126                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 64.00 | 60.58 | 57.60 | 55.18 | 53.23 | 51.70 | 50.54 | 49.72 | 49.23 | 49.06 | 49.06 |
| 132                                                                | 65.00                       | 65.00 | 65.00 | 62.07 | 57.90 | 54.48 | 51.68 | 49.37 | 47.49 | 45.96 | 44.76 | 43.84 | 43.19 | 42.80 | 42.67 |
| 138                                                                | 65.00                       | 65.00 | 61.11 | 56.35 | 52.48 | 49.30 | 46.66 | 44.48 | 42.67 | 41.18 | 39.97 | 39.01 | 38.28 | 37.76 | 37.45 |
| 144                                                                | 65.00                       | 61.31 | 55.82 | 51.41 | 47.81 | 44.84 | 42.37 | 40.31 | 38.58 | 37.15 | 35.96 | 34.99 | 34.21 | 33.62 | 33.20 |
| 150                                                                | 62.72                       | 56.28 | 51.20 | 47.10 | 43.75 | 40.98 | 38.66 | 36.72 | 35.08 | 33.70 | 32.55 | 31.59 | 30.80 | 30.18 | 29.70 |
| 156                                                                | 57.84                       | 51.86 | 47.13 | 43.32 | 40.20 | 37.60 | 35.43 | 33.60 | 32.05 | 30.74 | 29.63 | 28.69 | 27.91 | 27.27 | 26.75 |
| 162                                                                | 53.51                       | 47.94 | 43.54 | 39.99 | 37.07 | 34.64 | 32.60 | 30.88 | 29.41 | 28.16 | 27.10 | 26.19 | 25.43 | 24.78 | 24.26 |
| 168                                                                | 49.65                       | 44.46 | 40.35 | 37.03 | 34.30 | 32.02 | 30.11 | 28.48 | 27.10 | 25.91 | 24.89 | 24.02 | 23.28 | 22.64 | 22.11 |
| 174                                                                | 46.19                       | 41.35 | 37.51 | 34.39 | 31.83 | 29.70 | 27.89 | 26.36 | 25.05 | 23.93 | 22.96 | 22.12 | 21.40 | 20.78 | 20.26 |
| 180                                                                | 43.09                       | 38.55 | 34.95 | 32.03 | 29.63 | 27.62 | 25.92 | 24.48 | 23.24 | 22.17 | 21.25 | 20.45 | 19.76 | 19.16 | 18.64 |
| 186                                                                | 40.30                       | 36.04 | 32.65 | 29.91 | 27.65 | 25.76 | 24.16 | 22.79 | 21.62 | 20.61 | 19.73 | 18.96 | 18.30 | 17.72 | 17.22 |
| 192                                                                | 37.76                       | 33.76 | 30.58 | 28.00 | 25.86 | 24.08 | 22.57 | 21.28 | 20.17 | 19.21 | 18.37 | 17.64 | 17.00 | 16.45 | 15.96 |
| 198                                                                | 35.46                       | 31.69 | 28.69 | 26.26 | 24.25 | 22.56 | 21.14 | 19.92 | 18.86 | 17.95 | 17.15 | 16.46 | 15.85 | 15.31 | 14.84 |
| 204                                                                | 33.37                       | 29.81 | 26.98 | 24.68 | 22.78 | 21.19 | 19.84 | 18.68 | 17.68 | 16.82 | 16.06 | 15.39 | 14.81 | 14.30 | 13.84 |
| 210                                                                | 31.46                       | 28.09 | 25.42 | 23.25 | 21.45 | 19.94 | 18.66 | 17.56 | 16.61 | 15.79 | 15.07 | 14.43 | 13.87 | 13.38 | 12.94 |
| 216                                                                | 29.71                       | 26.52 | 23.99 | 21.93 | 20.23 | 18.80 | 17.58 | 16.54 | 15.64 | 14.85 | 14.17 | 13.56 | 13.03 | 12.55 | 12.13 |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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. 295578

FL #: **FL47873**

DATE: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

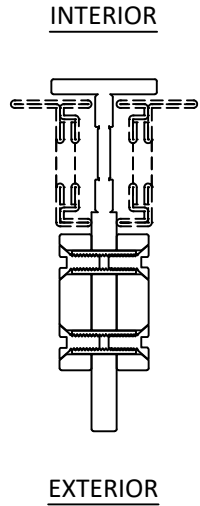
SCALE: **NTS**

DWG. #: **ELS011**

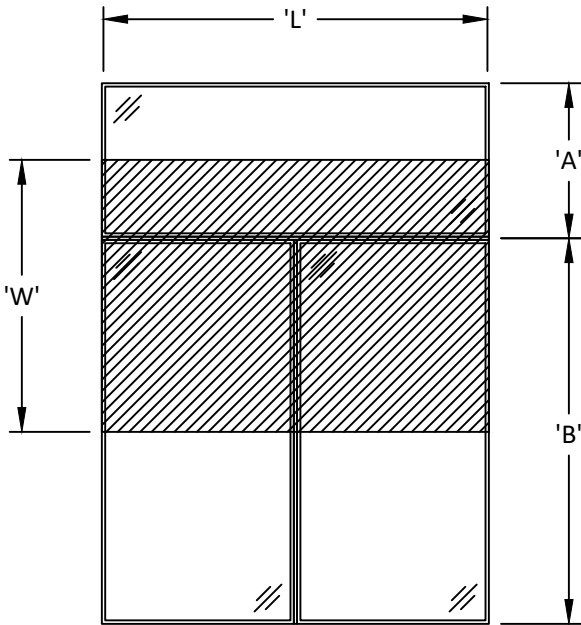
SHEET: **16**      REV. **B**

OF 22

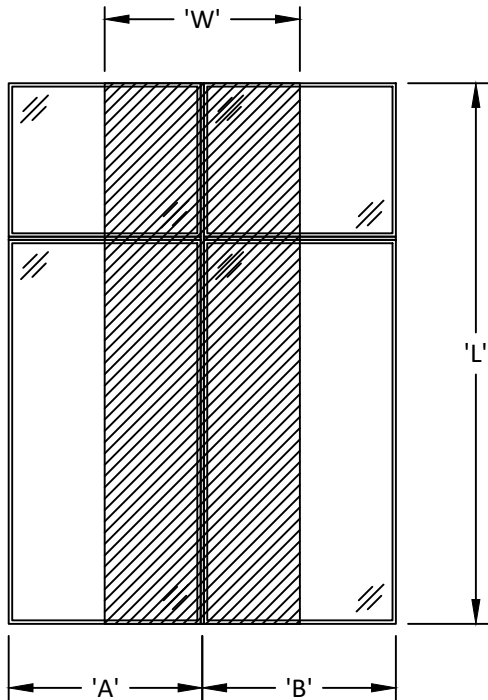
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MULLION DETAIL  
FT 1401042TF-14



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 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 | 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 | 62.33 | 58.43 | 55.00 | 51.94 | 49.21 | 46.75 | 44.52 | 42.50 |
| 114                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 65.00 | 64.55 | 59.94 | 55.94 | 52.44 | 49.36 | 46.62 | 44.16 | 41.96 | 39.96 | 38.14 |
| 120                                                                | 65.00                       | 65.00 | 65.00 | 65.00 | 63.11 | 58.25 | 54.09 | 50.49 | 47.33 | 44.55 | 42.07 | 39.86 | 37.86 | 36.06 | 34.42 |
| 126                                                                | 65.00                       | 65.00 | 65.00 | 62.44 | 57.24 | 52.84 | 49.06 | 45.79 | 42.93 | 40.40 | 38.16 | 36.15 | 34.34 | 32.71 | 31.22 |
| 132                                                                | 65.00                       | 65.00 | 62.59 | 56.90 | 52.15 | 48.14 | 44.70 | 41.72 | 39.12 | 36.82 | 34.77 | 32.94 | 31.29 | 29.80 | 28.45 |
| 138                                                                | 65.00                       | 63.62 | 57.26 | 52.06 | 47.72 | 44.05 | 40.90 | 38.17 | 35.79 | 33.68 | 31.81 | 30.14 | 28.63 | 27.27 | 26.03 |
| 144                                                                | 65.00                       | 58.43 | 52.59 | 47.81 | 43.82 | 40.45 | 37.56 | 35.06 | 32.87 | 30.94 | 29.22 | 27.68 | 26.29 | 25.04 | 23.90 |
| 150                                                                | 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 |
| 156                                                                | 56.01                       | 49.79 | 44.81 | 40.74 | 37.34 | 34.47 | 32.01 | 29.87 | 28.01 | 26.36 | 24.89 | 23.58 | 22.40 | 21.34 | 20.37 |
| 162                                                                | 51.94                       | 46.17 | 41.55 | 37.77 | 34.63 | 31.96 | 29.68 | 27.70 | 25.97 | 24.44 | 23.08 | 21.87 | 20.78 | 19.79 | 18.89 |
| 168                                                                | 48.30                       | 42.93 | 38.64 | 35.12 | 32.20 | 29.72 | 27.60 | 25.76 | 24.15 | 22.73 | 21.47 | 20.34 | 19.32 | 18.40 | 17.56 |
| 174                                                                | 45.02                       | 40.02 | 36.02 | 32.74 | 30.02 | 27.71 | 25.73 | 24.01 | 22.51 | 21.19 | 20.01 | 18.96 | 18.01 | 17.15 | 16.37 |
| 180                                                                | 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 |
| 186                                                                | 39.40                       | 35.02 | 31.52 | 28.66 | 26.27 | 24.25 | 22.51 | 21.01 | 19.70 | 18.54 | 17.51 | 16.59 | 15.76 | 15.01 | 14.33 |
| 192                                                                | 36.98                       | 32.87 | 29.58 | 26.89 | 24.65 | 22.76 | 21.13 | 19.72 | 18.49 | 17.40 | 16.43 | 15.57 | 14.79 | 14.09 | 13.45 |
| 198                                                                | 34.77                       | 30.91 | 27.82 | 25.29 | 23.18 | 21.40 | 19.87 | 18.54 | 17.38 | 16.36 | 15.45 | 14.64 | 13.91 | 13.25 | 12.64 |
| 204                                                                | 32.75                       | 29.12 | 26.20 | 23.82 | 21.84 | 20.16 | 18.72 | 17.47 | 16.38 | 15.41 | 14.56 | 13.79 | 13.10 | 12.48 | 11.91 |
| 210                                                                | 30.91                       | 27.48 | 24.73 | 22.48 | 20.61 | 19.02 | 17.66 | 16.49 | 15.45 | 14.55 | 13.74 | 13.01 | 12.36 | 11.78 | 11.24 |
| 216                                                                | 29.22                       | 25.97 | 23.37 | 21.25 | 19.48 | 17.98 | 16.70 | 15.58 | 14.61 | 13.75 | 12.99 | 12.30 | 11.69 | 11.13 | 10.62 |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

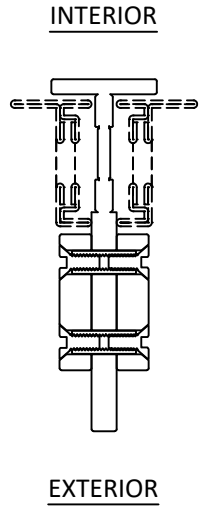
DWG. BY: **MS**CHK. BY: **HFN**

SCALE: **NTS**

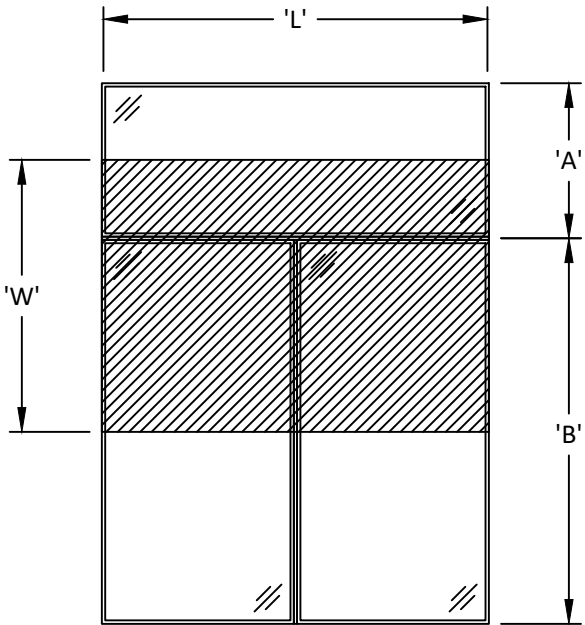
DWG. #: **ELS011**

SHEET: **17**REV. **B**

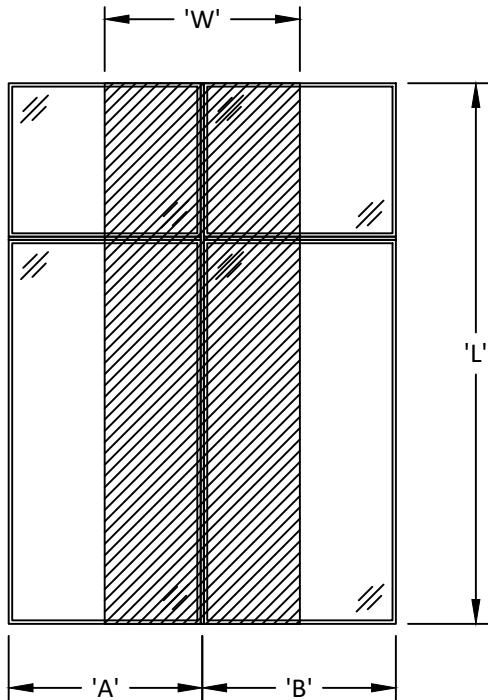
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MULLION DETAIL  
FT 1401042TF-14



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 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                                                                | 62.61                       | 55.65 | 50.09 | 45.53 | 41.74 | 38.53 | 35.78 | 33.39 | 31.30 | 29.46 | 27.83 | 26.36 | 25.04 | 23.85 | 22.77 |
| 144                                                                | 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 |
| 150                                                                | 57.60                       | 51.20 | 46.08 | 41.89 | 38.40 | 35.45 | 32.91 | 30.72 | 28.80 | 27.11 | 25.60 | 24.25 | 23.04 | 21.94 | 20.95 |
| 156                                                                | 55.38                       | 49.23 | 44.31 | 40.28 | 36.92 | 34.08 | 31.65 | 29.54 | 27.69 | 26.06 | 24.62 | 23.32 | 22.15 | 21.10 | 20.14 |
| 162                                                                | 51.94                       | 46.17 | 41.55 | 37.77 | 34.63 | 31.96 | 29.68 | 27.70 | 25.97 | 24.44 | 23.08 | 21.87 | 20.78 | 19.79 | 18.89 |
| 168                                                                | 48.30                       | 42.93 | 38.64 | 35.12 | 32.20 | 29.72 | 27.60 | 25.76 | 24.15 | 22.73 | 21.47 | 20.34 | 19.32 | 18.40 | 17.56 |
| 174                                                                | 45.02                       | 40.02 | 36.02 | 32.74 | 30.02 | 27.71 | 25.73 | 24.01 | 22.51 | 21.19 | 20.01 | 18.96 | 18.01 | 17.15 | 16.37 |
| 180                                                                | 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 |
| 186                                                                | 39.40                       | 35.02 | 31.52 | 28.66 | 26.27 | 24.25 | 22.51 | 21.01 | 19.70 | 18.54 | 17.51 | 16.59 | 15.76 | 15.01 | 14.33 |
| 192                                                                | 36.98                       | 32.87 | 29.58 | 26.89 | 24.65 | 22.76 | 21.13 | 19.72 | 18.49 | 17.40 | 16.43 | 15.57 | 14.79 | 14.09 | 13.45 |
| 198                                                                | 34.77                       | 30.91 | 27.82 | 25.29 | 23.18 | 21.40 | 19.87 | 18.54 | 17.38 | 16.36 | 15.45 | 14.64 | 13.91 | 13.25 | 12.64 |
| 204                                                                | 32.75                       | 29.12 | 26.20 | 23.82 | 21.84 | 20.16 | 18.72 | 17.47 | 16.38 | 15.41 | 14.56 | 13.79 | 13.10 | 12.48 | 11.91 |
| 210                                                                | 30.91                       | 27.48 | 24.73 | 22.48 | 20.61 | 19.02 | 17.66 | 16.49 | 15.45 | 14.55 | 13.74 | 13.01 | 12.36 | 11.78 | 11.24 |
| 216                                                                | 29.22                       | 25.97 | 23.37 | 21.25 | 19.48 | 17.98 | 16.70 | 15.58 | 14.61 | 13.75 | 12.99 | 12.30 | 11.69 | 11.13 | 10.62 |

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 -  
BAR 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. NAME UPDATE     | MS | 11/04/25  |
| B. 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: **10.20.2025**

DWG. BY: **MS**      CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ELS011**

SHEET: **18**      REV. **B**

OF 22



NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. 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.



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

**NOTE:**

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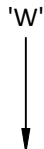
NOTE: THIS TABLE APPLIES TO ANCHOR TYPES A, B, & C. SEE SHEET 4 FOR ANCHOR TYPES AND SPECIFICATIONS.

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



## TWO-WAY MULLION DIAGRAM



## TWO-WAY MULLION DIAGRAM

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

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

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2. DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
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22600 SAVI RANCH PKWY  
YORBA LINDA, CA 92887  
PH: (877) 590-2714

TITLE:

# MU

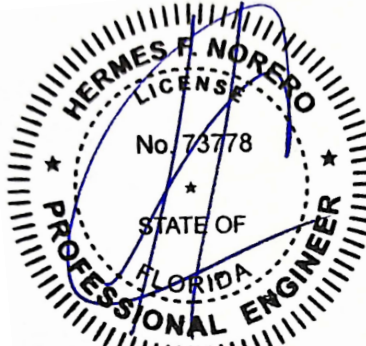
**PREPARED BY:**

**BUILDING DROPS, INC.**  
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MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
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| REMARKS            | BY | DATE      |
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| A. NAME UPDATE     | MS | 11/04/25  |
| B. 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  
OFFICE OF AUTHORIZATION No. 2957

FL #: FL47873

DATE: 10.20.2025

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

SCALE: NTS

DWG. #: ELS011

SHEET: REV

22

REV