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INSTALLATION NOTES:

1. *ONE (1)* INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE *1/4 INCH ELCO CRETE-FLEX SS4* ANCHORS. INSTALLATION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

4.1. MINIMUM EMBEDMENT OF 1-1/4" WHEN INTO CMU

4.2. MINIMUM EMBEDMENT OF 1-3/4" WHEN INTO CONCRETE

4.3. MINIMUM EDGE DISTANCE OF 2-1/2"

4.4. MINIMUM O.C. DISTANCE OF 1-1/2"
5. FOR INSTALLATION THROUGH 2X BUCK USE #10 WOOD SCREWS. INSTALLATION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

5.1. MINIMUM EMBEDMENT OF 1-1/2" INTO WOOD

5.2. MINIMUM EDGE DISTANCE OF 3/4"

5.3. MINIMUM O.C. DISTANCE OF 3/4"
6. FOR INSTALLATION THROUGH METAL FRAME USE #12 SELF-DRILLING, SAE GR. 5, TYPE SCREWS. INSTALLATION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

6.1. THREE (3) THREADS MINIMUM PENETRATION BEYOND METAL FRAME WALL.

6.2. MINIMUM EDGE DISTANCE OF 3/4"

6.3. MINIMUM O.C. DISTANCE OF 3/4"
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. #10 WOOD SCREWS THROUGH UNIT FRAMES SHALL BE OF SUFFICIENT LENGTH TO FULLY PENETRATE LVL MULLION AND INTO ADJACENT FRAME. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SPECIFIC LENGTHS.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
10. 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.
11. 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.
12. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF *0.55*.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF *3000 PSI*.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

E. STEEL - MINIMUM WALL THICKNESS OF 75 MILS (14 GA.) WHEN THROUGH GUSSET INSTALLATION. MINIMUM WALL THICKNESS OF 48 MILS (18 GA.) WHEN THROUGH L-BRACKET INSTALLATION. MINIMUM YIELD STRENGTH OF 36 KSI.

F. ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) INCLUDING HVHZ, CURRENT INTERNATIONAL BUILDING CODE & CURRENT INTERNATIONAL RESIDENTIAL CODE. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE CURRENT FBC AND THE FOLLOWING:

TAS 201-94

TAS 202-94

TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PERA OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: *PONDEROSA PINE OR EQUIVALENT (S.G.=0.55)*.
7. IN ACCORDANCE WITH CURRENT FBC, CHAPTER 23 WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.
8. LVL MULLION COMPLIES WITH APPLICABLE STANDARDS SET FORTH IN THE CURRENT FBC, AS PRESCRIBED IN CHAPTER 23.
9. IN ACCORDANCE WITH THE CURRENT FBC CHAPTER 20 DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN SEC 2003.8.
- 10.DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL
- 11.CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- 12.MULL ASSEMBLIES ARE QUALIFIED FOR TWO OR MORE UNITS PER OPENING IN THE FOLLOWING CONFIGURATIONS:

"ONE WAY" - RIBBON OR STACKED MULLIONS

"TWO WAY" - 'X' OR 'T' MULLIONS

ANDERSEN CORPORATION

A-SERIES LVL MULLION JOINING STRIP

(HVHZ)(IMPACT)

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9	GROUP II 4-9/16" ONE-WAY LOAD TABLE
10	GROUP III 4-9/16" ONE-WAY LOAD TABLE
11	GROUP IV 6-9/16" ONE-WAY LOAD TABLE
12	GROUP V 6-9/16" ONE-WAY LOAD TABLE
13	GROUP VI 6-9/16" ONE-WAY LOAD TABLE
14	GROUP I 4-9/16" TWO-WAY LOAD TABLE
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16	GROUP III 4-9/16" TWO-WAY LOAD TABLE
17	GROUP IV 6-9/16" TWO-WAY LOAD TABLE
18	GROUP V 6-9/16" TWO-WAY LOAD TABLE
19	GROUP VI 6-9/16" TWO-WAY LOAD TABLE
20	GROUP I 4-9/16" ONE-WAY LOAD TABLE L-BRACKET - CONCRETE/MASONRY INSTALLATION
21	GROUP II 4-9/16" ONE-WAY LOAD TABLE L-BRACKET - CONCRETE/MASONRY INSTALLATION
22	GROUP III 4-9/16" ONE-WAY LOAD TABLE L-BRACKET - CONCRETE/MASONRY INSTALLATION
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MULLING INSTRUCTIONS:

- STEP 1: ESTABLISH MULL ASSEMBLY FRAME TYPES AND MULL CONFIGURATION.

STEP 2: DETERMINE MULL ASSEMBLY GROUP NUMBER FROM SHEETS 2-7 (REFER TO ABBREVIATION TABLE ABOVE).

STEP 3: DETERMINE ALLOWABLE LOAD OF MULL ASSEMBLY FROM APPLICABLE LOAD TABLE BASED ON MULL GROUP NUMBER, REFER TO SHEETS 8-25.

STEP 4: INSTALL MULLION BASED ON APPLICABLE SPECIFICATIONS SHOWN ON SHEETS 26-28.

MISSILE IMPACT RATING
SMALL AND LARGE MISSILE IMPACT RATED



ANDERSEN
WINDOWS & DOORS

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TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)(IMPACT)

GENERAL & INSTALLATION NOTES

PREPARED BY:

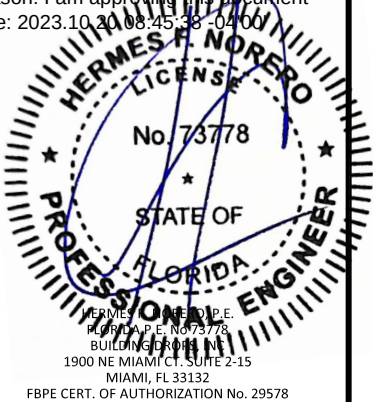
BUILDING DROPS, INC.
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MIAMI, FL 33132
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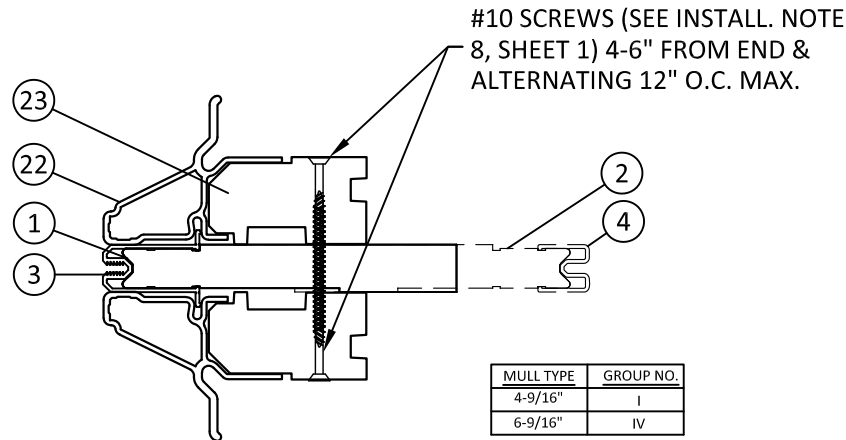
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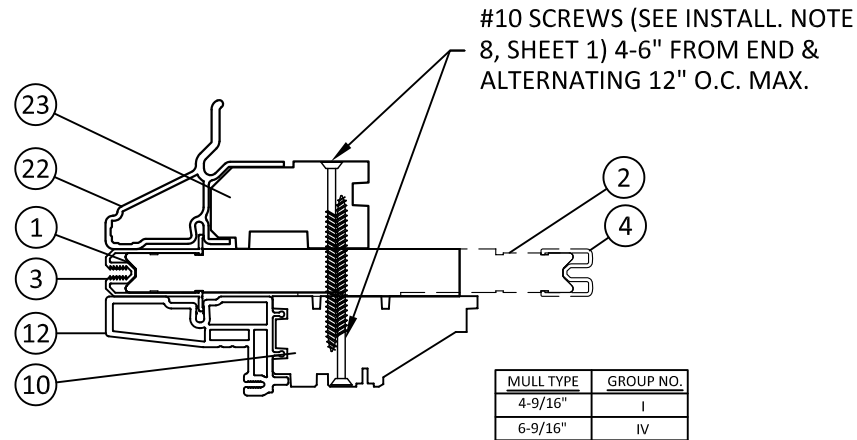
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Reason: I am approving this document
Date: 2023.10.20 08:45:38 -0400



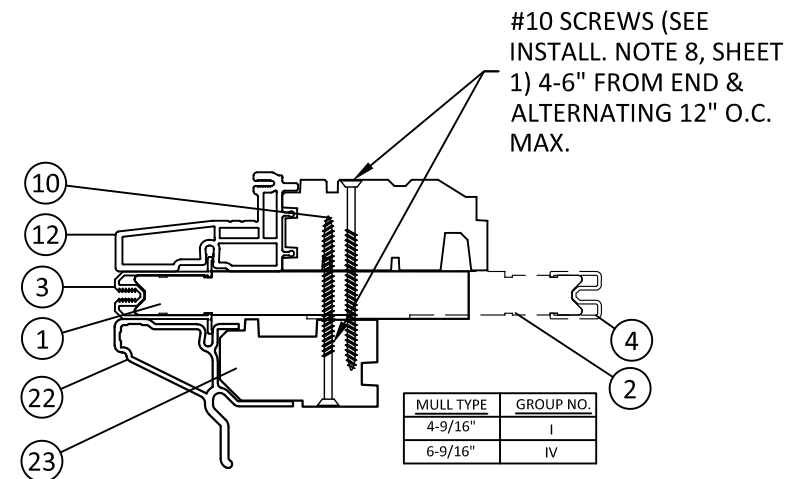
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DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	1 OF 32



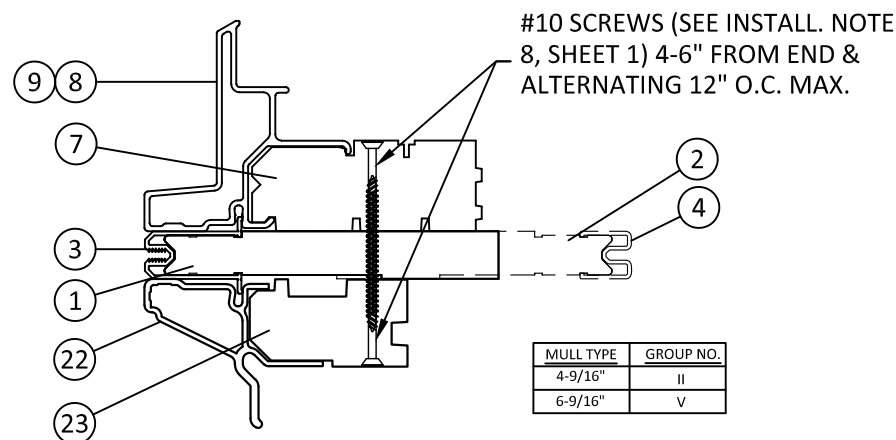
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VERTICAL OR HORIZONTAL MULL



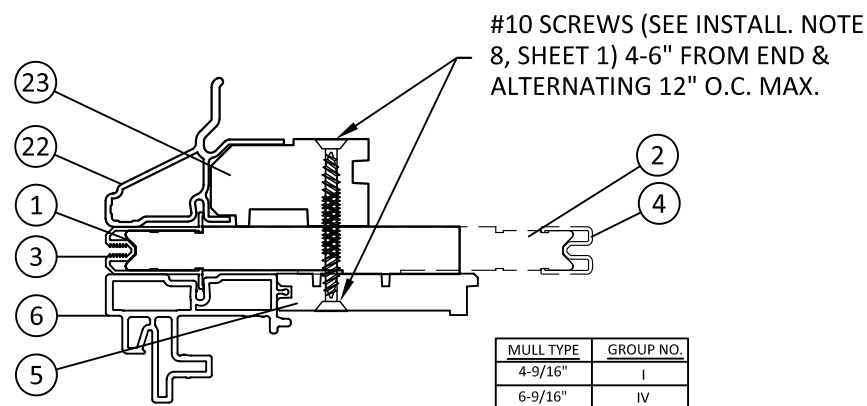
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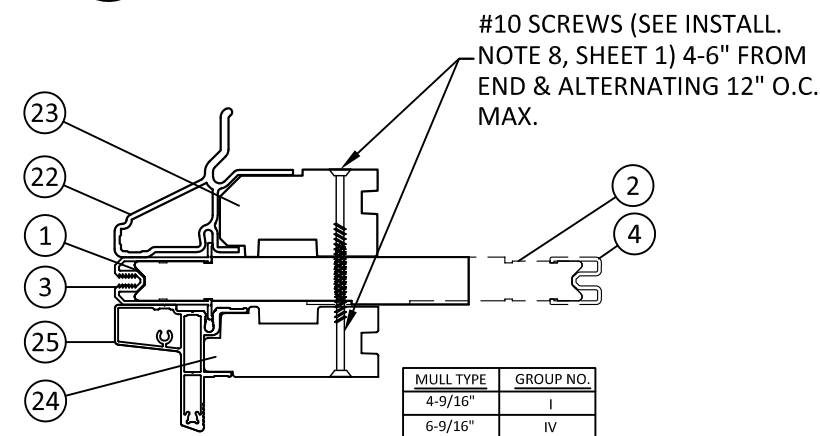
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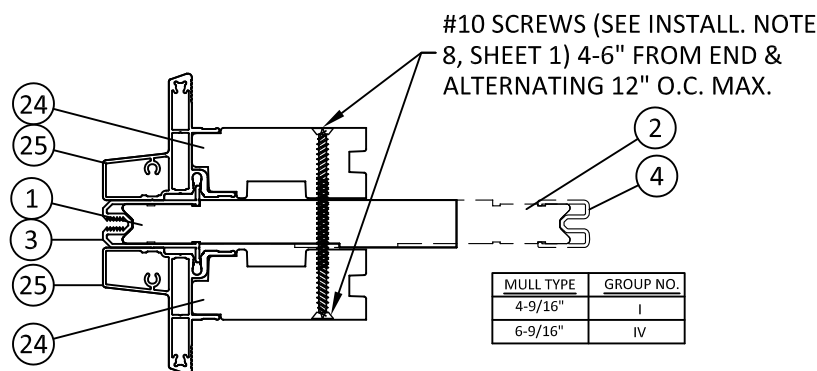
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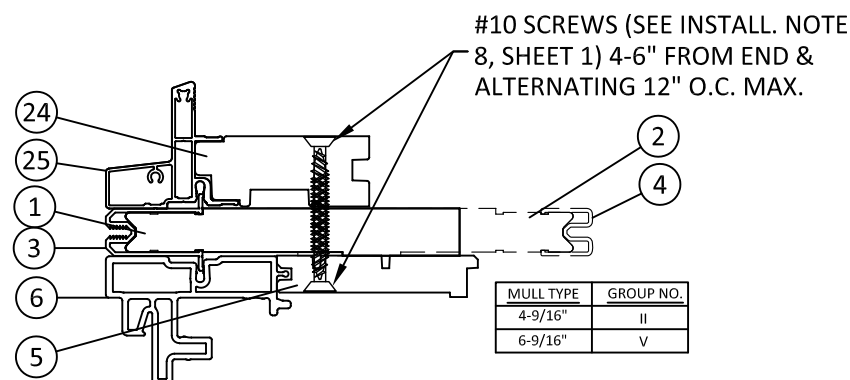
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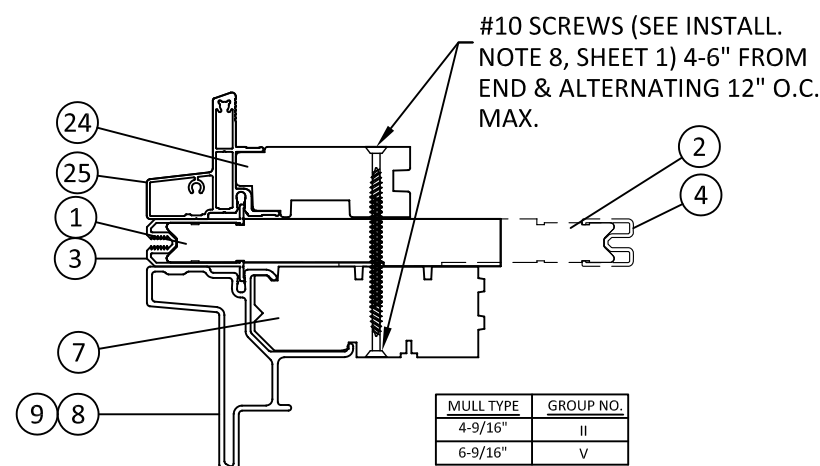
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FW TO FW
VERTICAL OR HORIZONTAL MULL



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FW TO ATF/APW
VERTICAL OR HORIZONTAL MULL



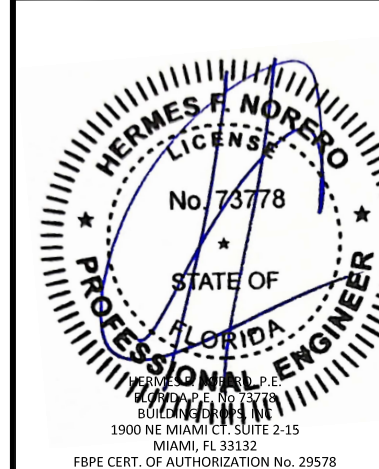
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TITLE: **A-SERIES LVL MULLION JOINING STRIP (HVHZ)/(IMPACT)**
MULL ASSEMBLY SECTIONS (1)

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1900 NE MIAMI CT. SUITE 2-15
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REMARKS	BY	DATE
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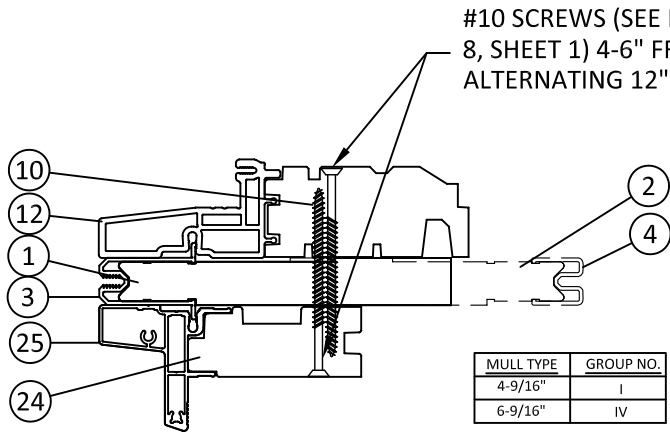
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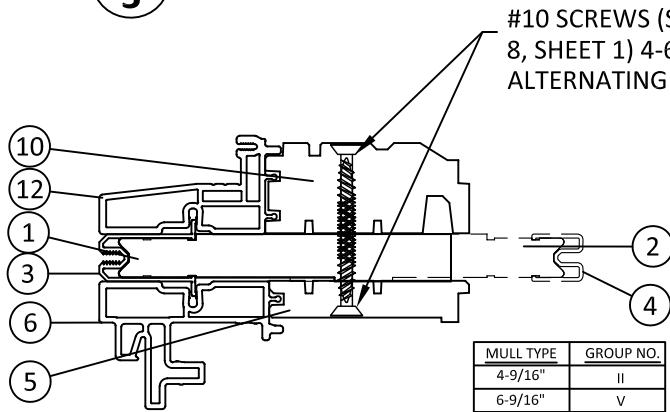
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OF 32



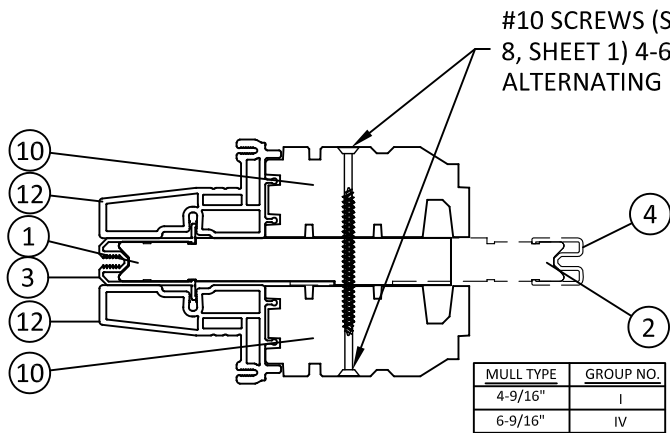
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AAN/ATV TO FW
VERTICAL OR HORIZONTAL MULL

K 3
ACW TO FW
VERTICAL OR HORIZONTAL MULL



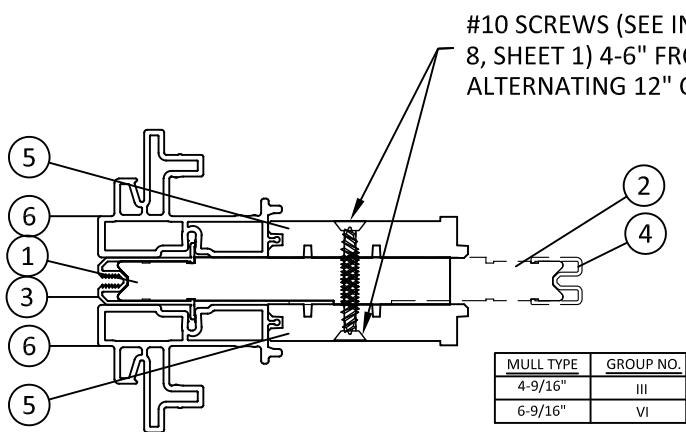
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HORIZONTAL MULL

O 3
ACW TO ADH
VERTICAL MULL

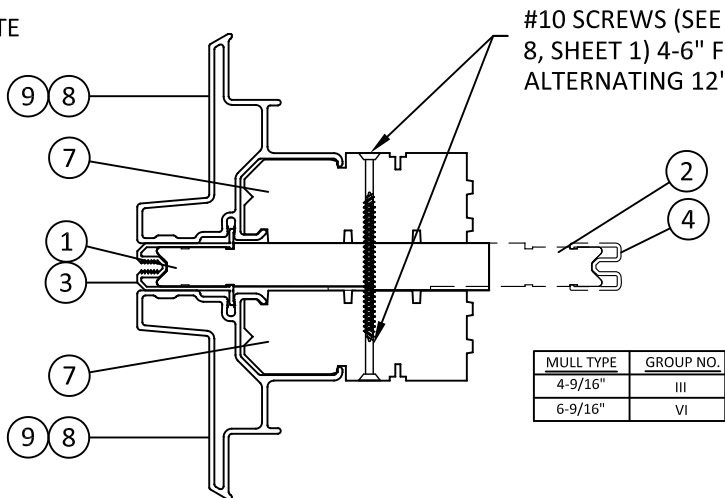


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VERTICAL OR HORIZONTAL MULL

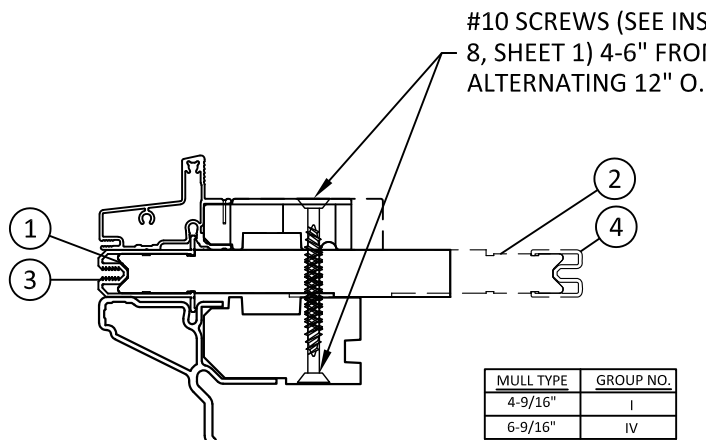
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VERTICAL OR HORIZONTAL MULL



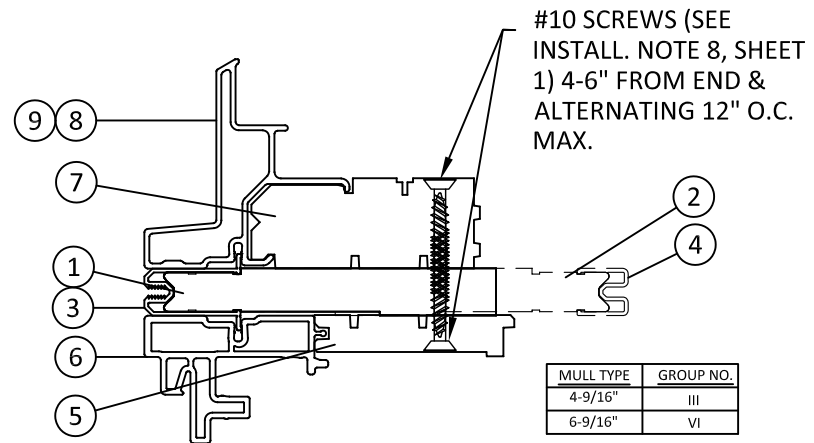
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VERTICAL MULL



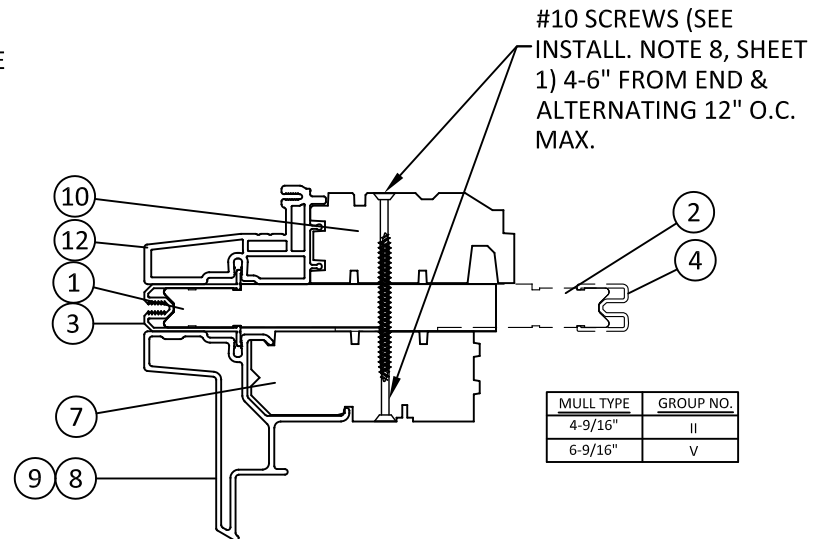
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VERTICAL OR HORIZONTAL MULL



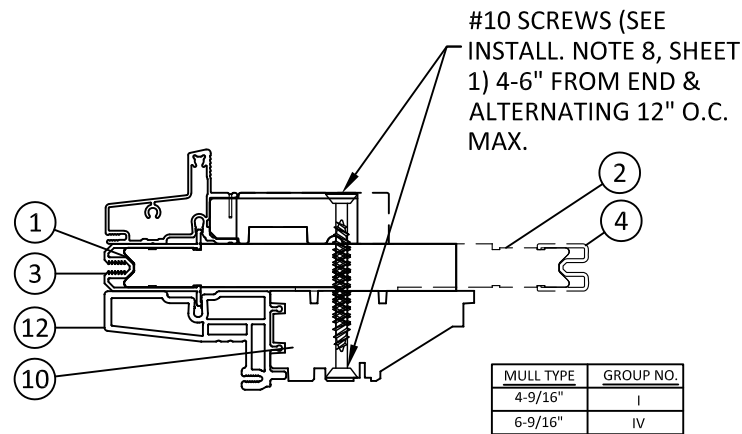
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ARCH. TO FLEXI
VERTICAL OR HORIZONTAL MULL



M 3
ATF/APW TO ADH
VERTICAL OR HORIZONTAL MULL



Q 3
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VERTICAL OR HORIZONTAL MULL



U 3
ARCH. TO AAN/ATV
VERTICAL OR HORIZONTAL MULL

V 3
ARCH. TO ACW
VERTICAL OR HORIZONTAL



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TITLE: **A-SERIES LVL MULLION JOINING STRIP (HVHZ)/(IMPACT)**

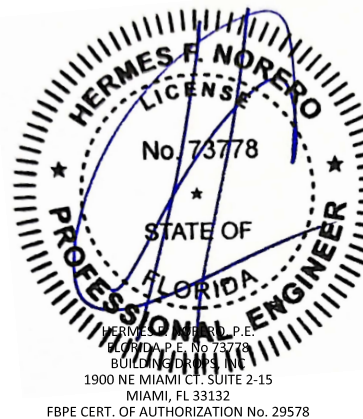
MULL ASSEMBLY SECTIONS (2)

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MIAMI, FL 33132
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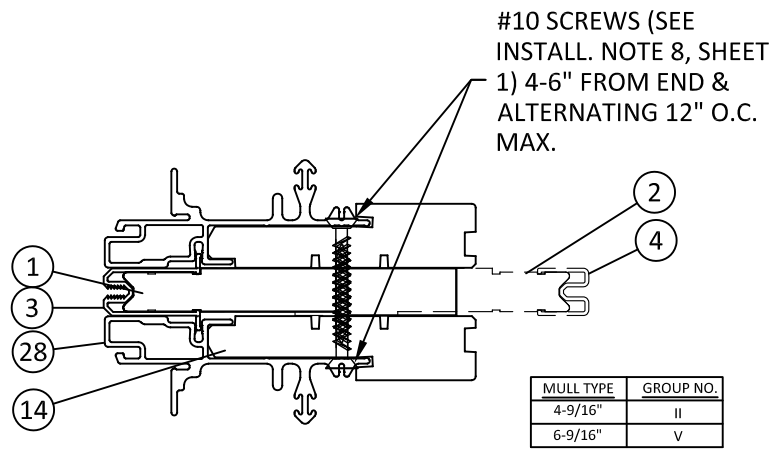


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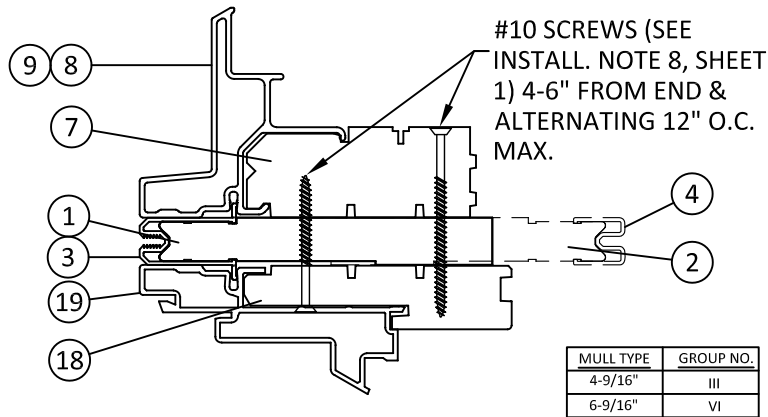
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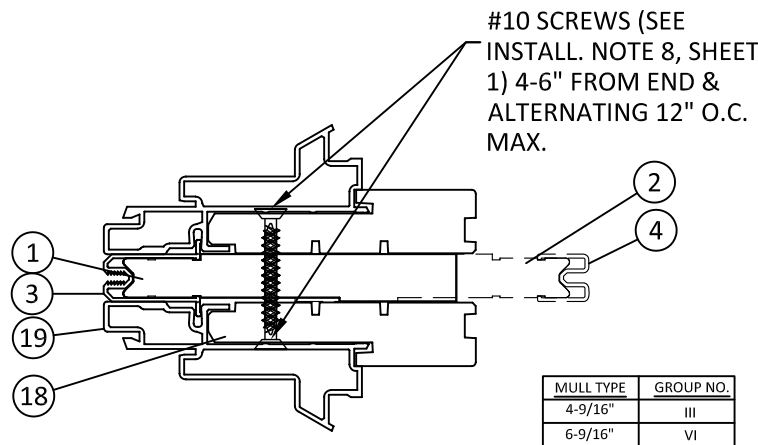
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SCALE:	NTS
DWG. #:	AWD193
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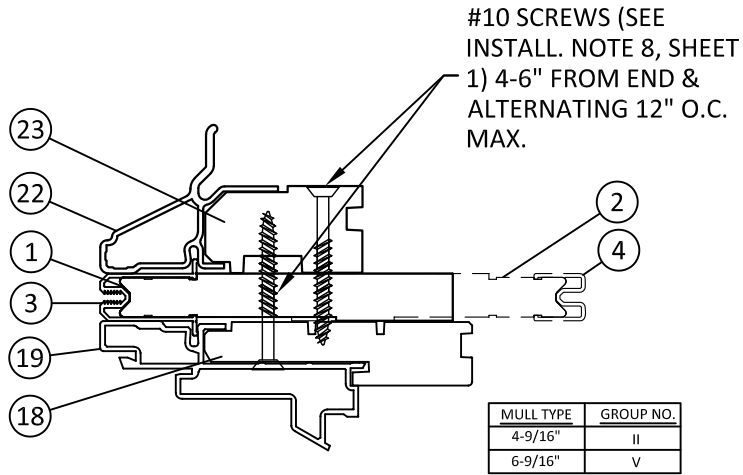
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VERTICAL MULL



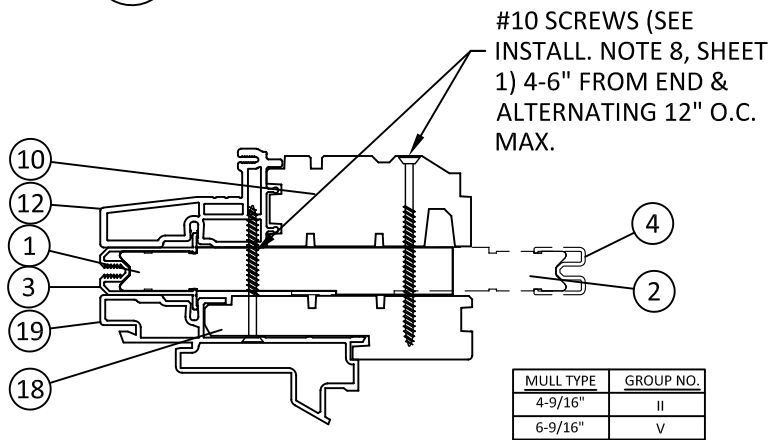
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VERTICAL OR HORIZONTAL MULL



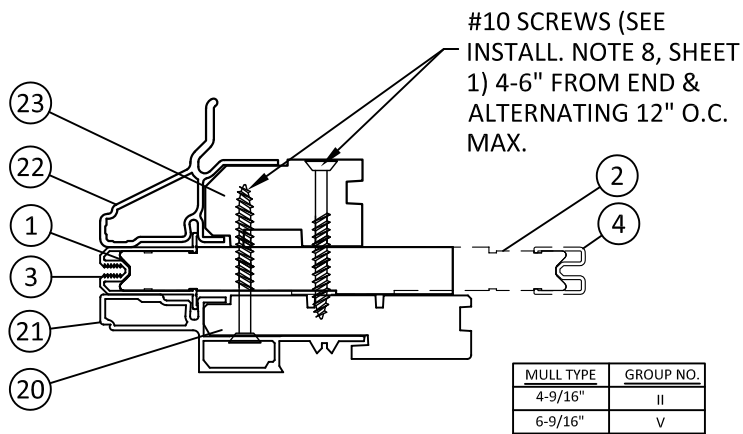
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FWHID TO FWHID
VERTICAL OR HORIZONTAL MULL



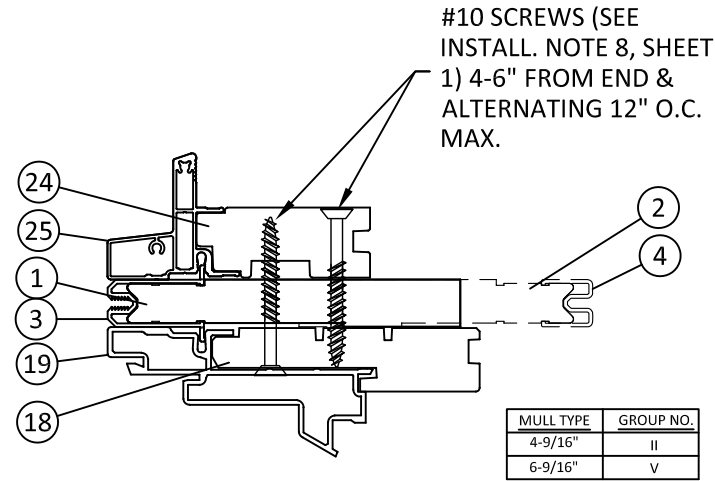
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VERTICAL OR HORIZONTAL MULL



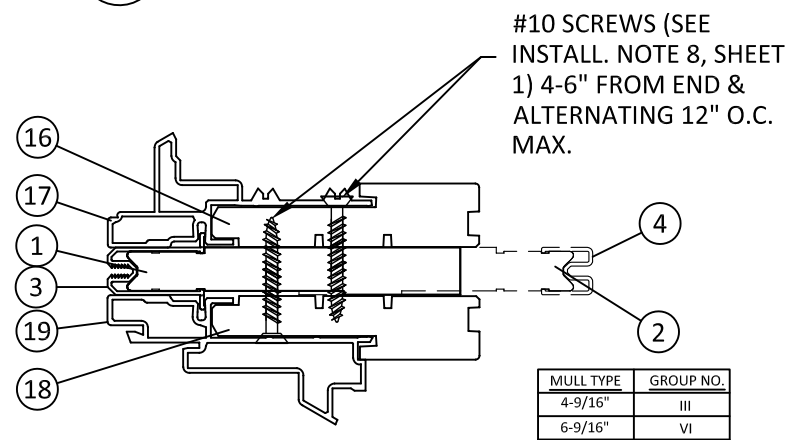
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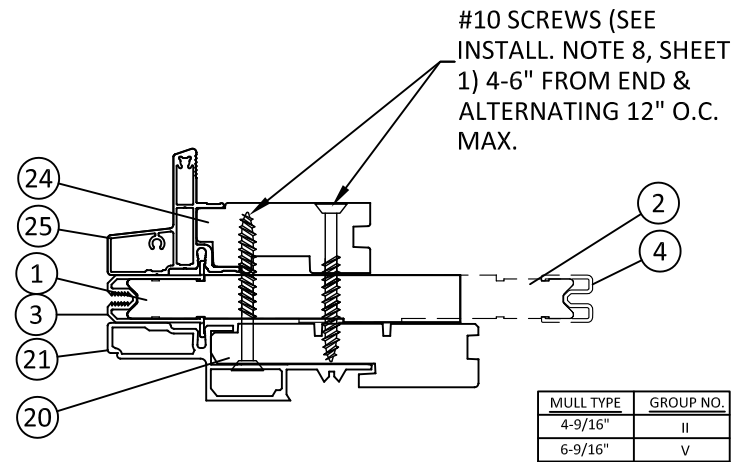
AM 5
FLEXI TO FWOD
VERTICAL OR HORIZONTAL MULL



AH 5
FW TO FWHID
VERTICAL OR HORIZONTAL MULL



AK 5
FWSLT TO FWHID
VERTICAL OR HORIZONTAL MULL



AN 5
FW TO FWOD
VERTICAL OR HORIZONTAL MULL



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TITLE: **A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)**

MULL ASSEMBLY SECTIONS (4)

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

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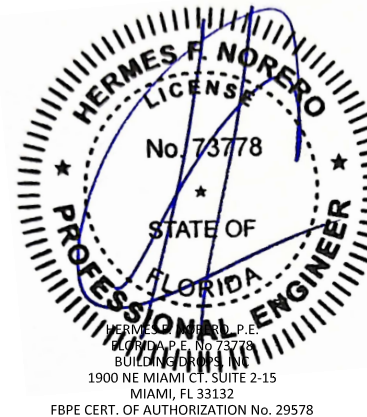
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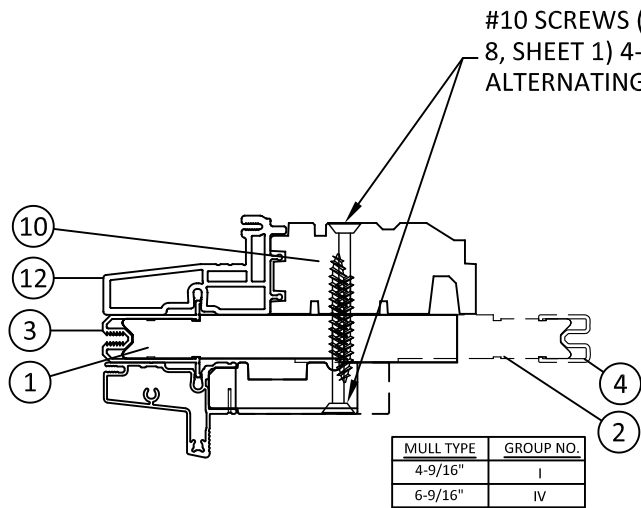


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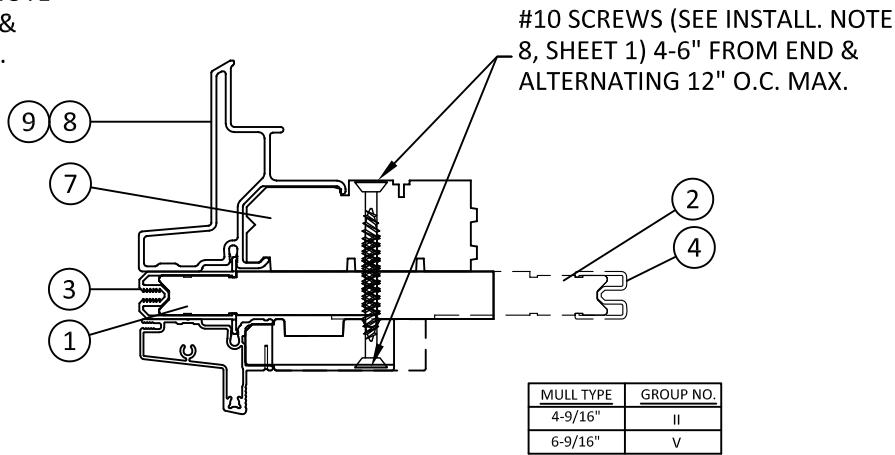


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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	



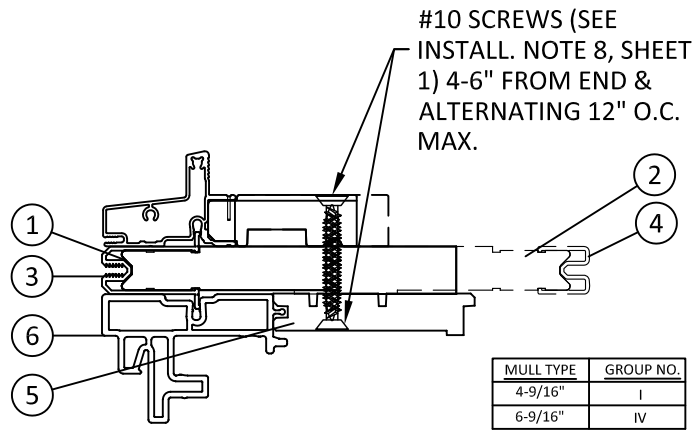
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4-9/16"	I
6-9/16"	IV

W
4
AAN TO ARCH.
HORIZONTAL MULL



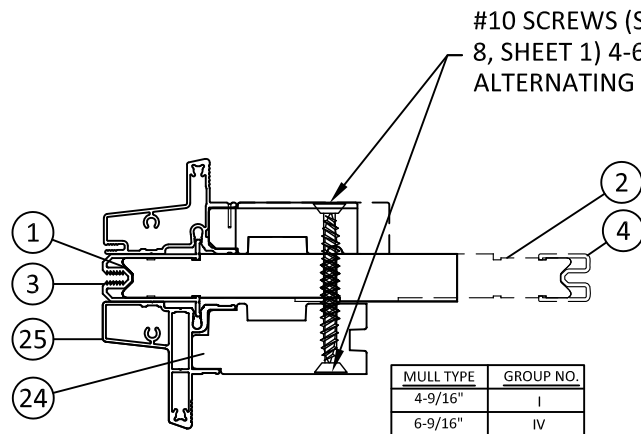
MULL TYPE	GROUP NO.
4-9/16"	II
6-9/16"	V

X
4
ATF/APW TO ARCH.
VERTICAL OR HORIZONTAL MULL



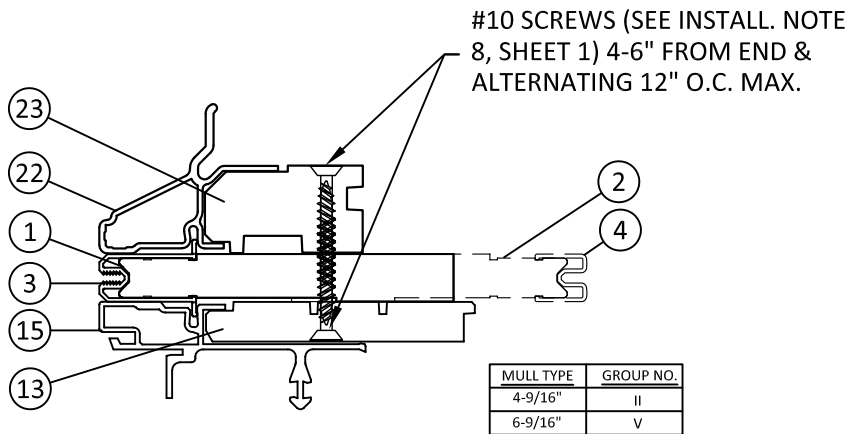
MULL TYPE	GROUP NO.
4-9/16"	I
6-9/16"	IV

Y
4
ARCH. TO ADH
VERTICAL OR HORIZONTAL MULL



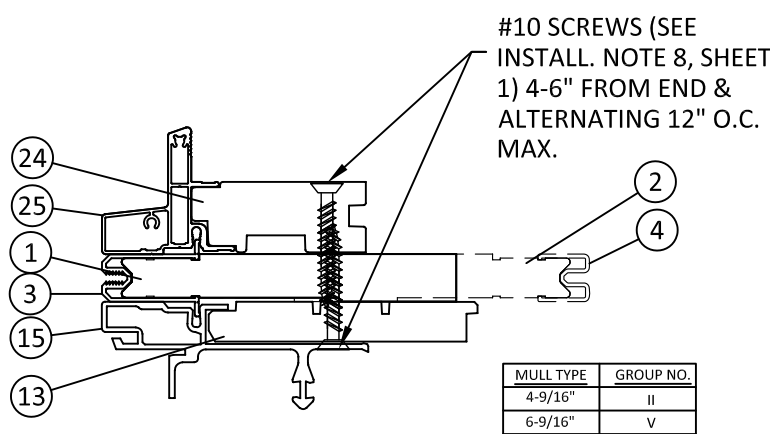
MULL TYPE	GROUP NO.
4-9/16"	I
6-9/16"	IV

Z
4
ARCH TO FW
VERTICAL OR HORIZONTAL MULL



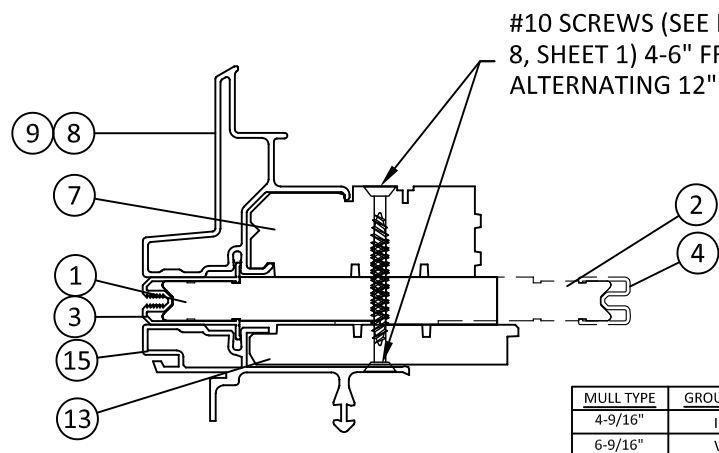
MULL TYPE	GROUP NO.
4-9/16"	II
6-9/16"	V

AA
4
FLEXI TO FWGD
HORIZONTAL MULL



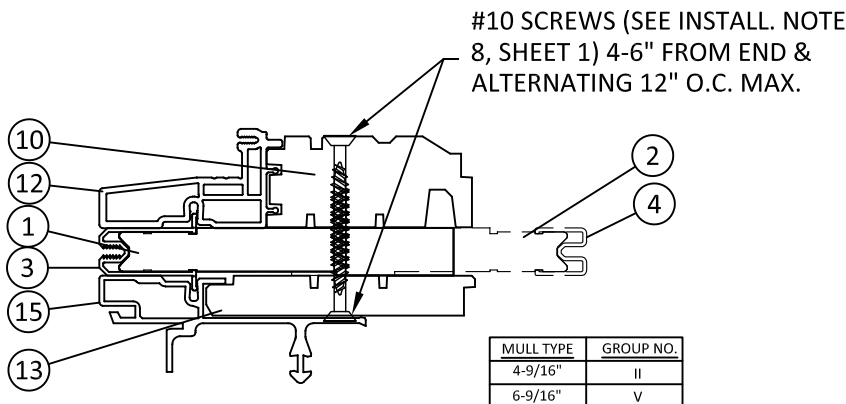
MULL TYPE	GROUP NO.
4-9/16"	II
6-9/16"	V

AB
4
FW TO FWGD
HORIZONTAL MULL



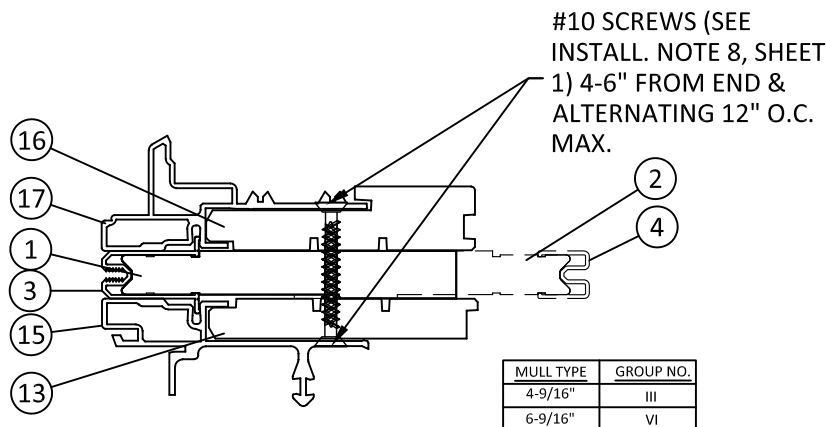
MULL TYPE	GROUP NO.
4-9/16"	III
6-9/16"	VI

AC
4
ATF TO FWGD
HORIZONTAL MULL



MULL TYPE	GROUP NO.
4-9/16"	II
6-9/16"	V

AD
4
ATV TO FWGD
HORIZONTAL MULL



MULL TYPE	GROUP NO.
4-9/16"	III
6-9/16"	VI

AE
4
FWSLT TO FWGD
HORIZONTAL MULL



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)

MULL ASSEMBLY SECTIONS (3)

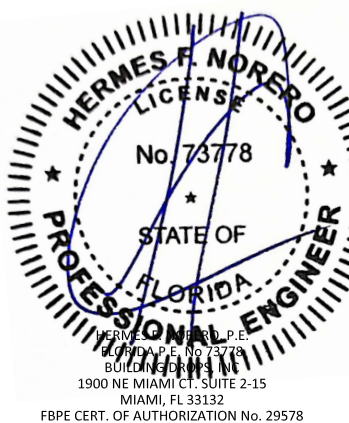
PREPARED BY: BUILDING DROPS, INC.

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

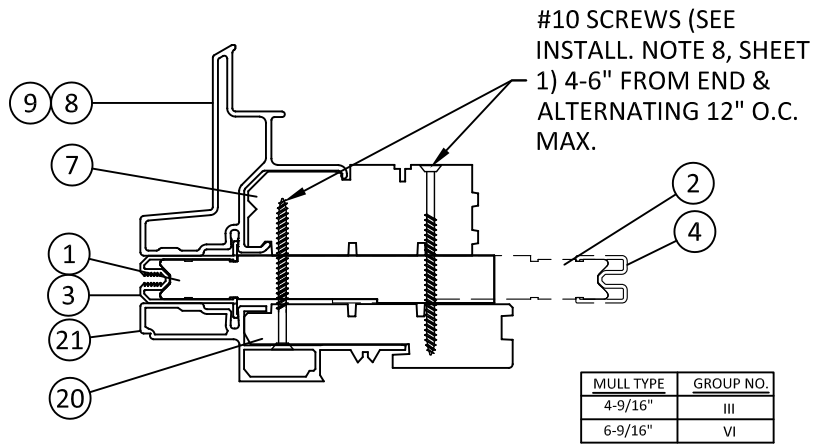


REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

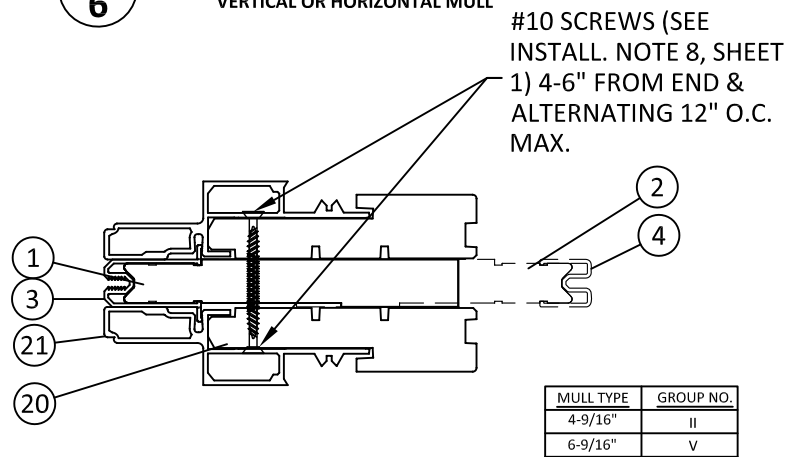
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



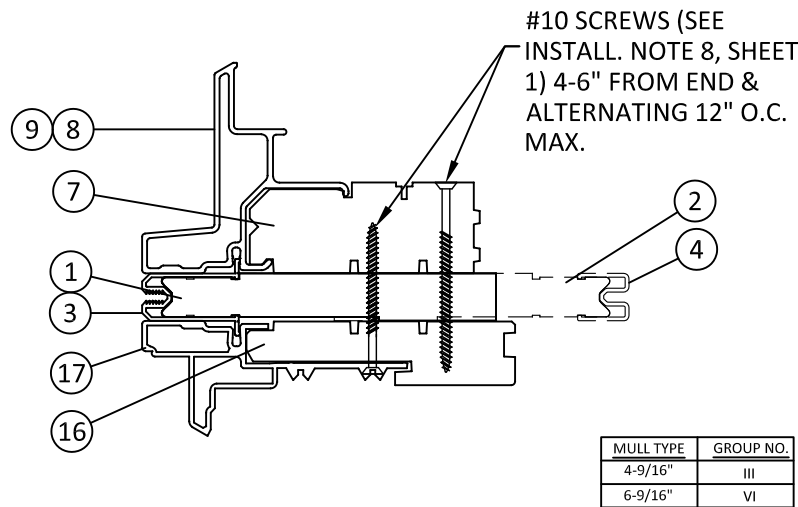
FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	4



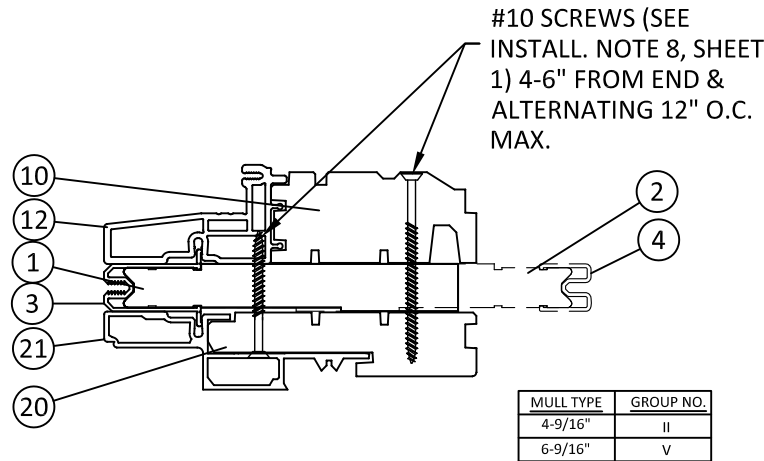
AO 6
ATF TO FWOD
VERTICAL OR HORIZONTAL MULL



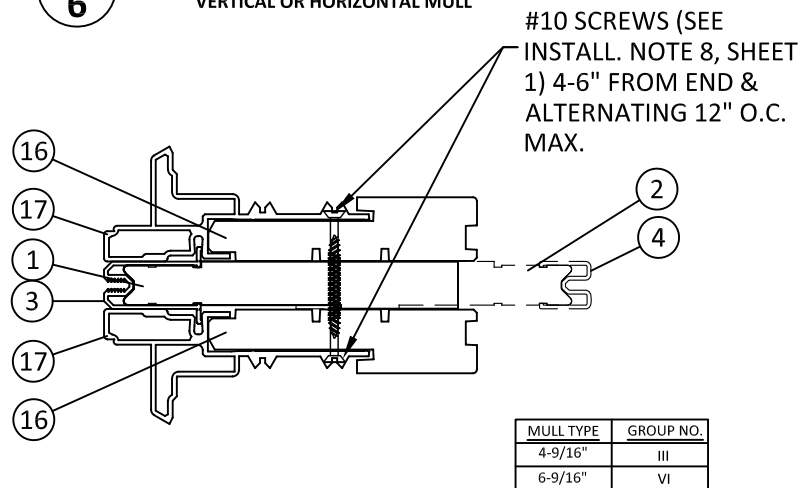
AR 6
FWOD TO FWOD
VERTICAL OR HORIZONTAL MULL



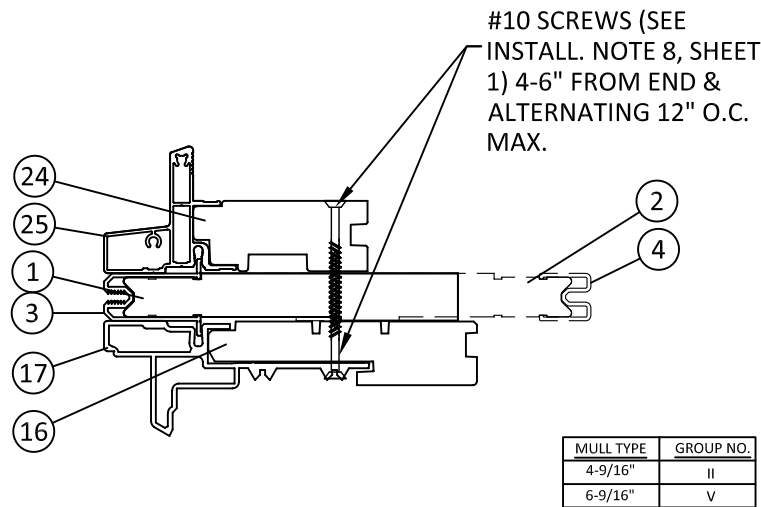
AU 6
ATF TO FWSLT
HORIZONTAL MULL



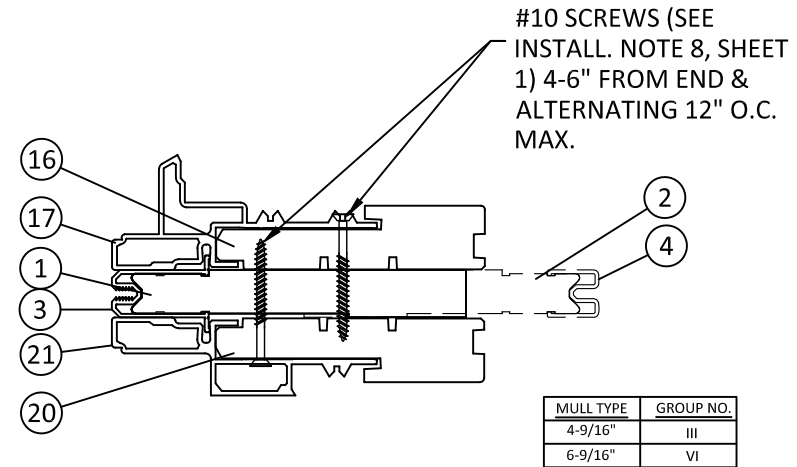
AP 6
ATV TO FWOD
VERTICAL OR HORIZONTAL MULL



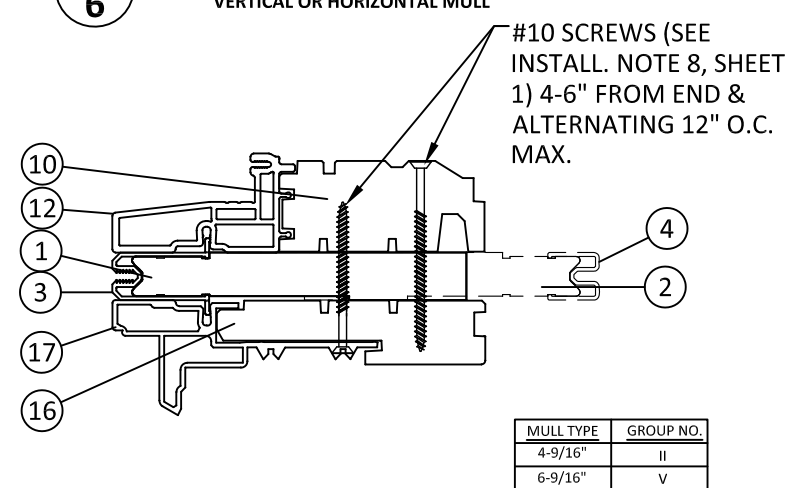
AS 6
FWSLT TO FWSLT
VERTICAL OR HORIZONTAL MULL



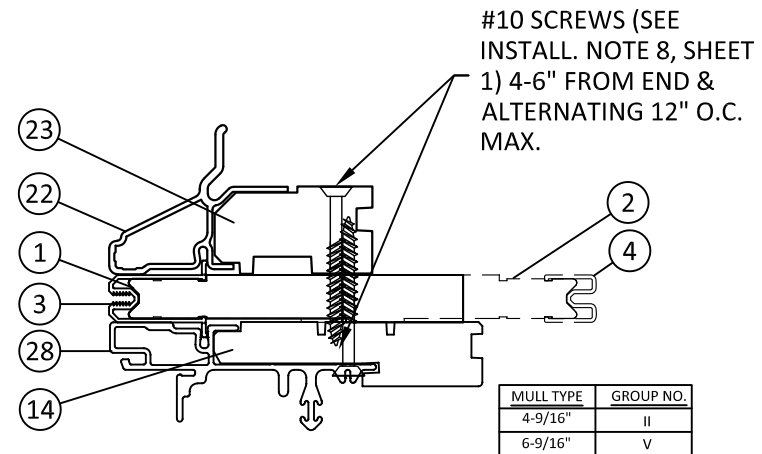
AV 6
FW TO FWSLT
VERTICAL OR HORIZONTAL MULL



AQ 6
FWSLT TO FWOD
VERTICAL OR HORIZONTAL MULL



AT 6
ATV TO FWSLT
VERTICAL OR HORIZONTAL MULL



AW 6
FLEXI TO FWGD
VERTICAL MULL



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: **A-SERIES LVL MULLION JOINING STRIP (HVHZ)/(IMPACT)**

MULL ASSEMBLY SECTIONS (5)

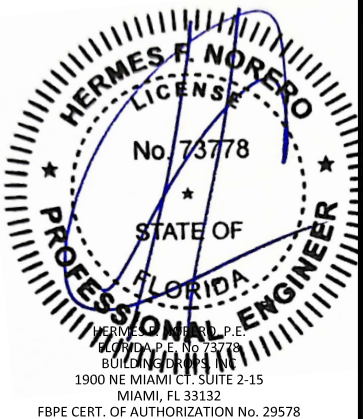
PREPARED BY: **BUILDING DROPS, INC.**

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

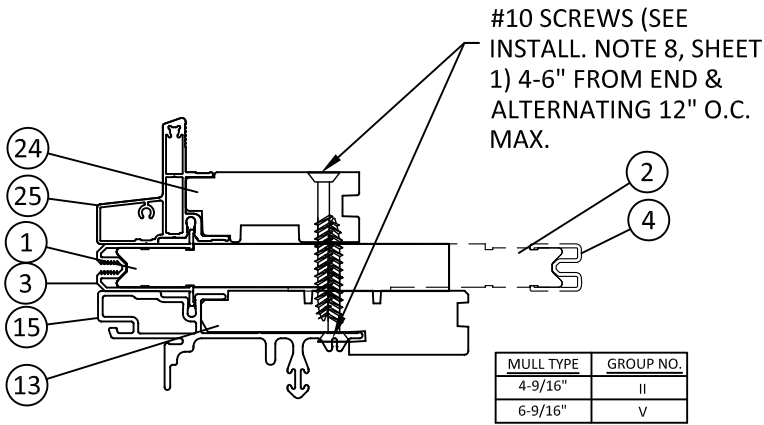


REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

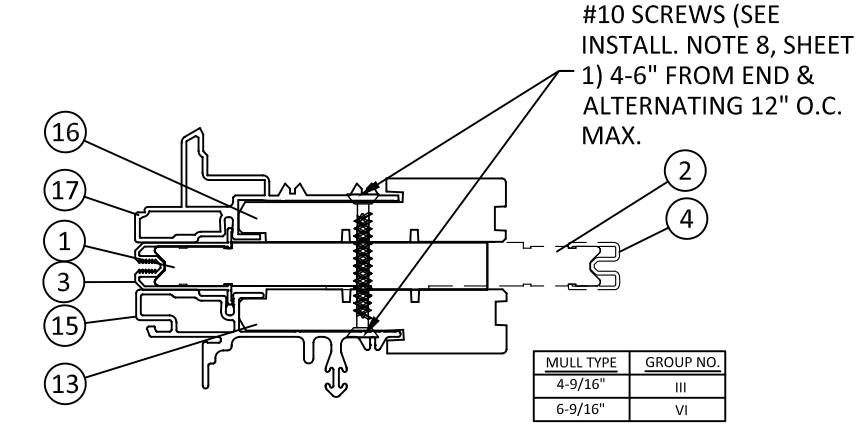
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FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	6



AX
7
FW TO FWGD
VERTICAL MULL



AY
7
FWSLT TO FWGD
VERTICAL MULL

PRODUCT ABBREVIATION KEY	
ABBREVIATION	PRODUCT NAME
Flexi =	Flexiframe Window
FW =	A Series Specialty Window
Arch. =	Specialty Window
APW =	A Series Picture Window
ATF =	A Series Transom/Fixed
AAN =	A Series Awning
ATV =	A Series Venting Transom
ACW =	A Series Casement
ADH =	A Series Double Hung
FWGD =	A Series Frenchwood Glider Door
FWOD =	A Series Frenchwood Outswing Door
FWHID =	A Series Frenchwood Inswing Door
FWSLT =	A Series Sidelite/Transom Door



100 FOURTH AVE NORTH
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TITLE: **A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)**

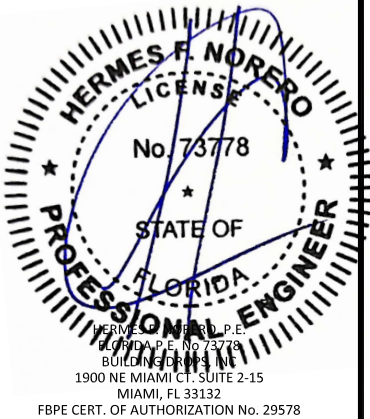
MULL ASSEMBLY SECTIONS (6)

PREPARED BY: **BUILDING DROPS, INC.**
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MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: **10.06.17**

DWG. BY: **HR** CHK. BY: **HFN**

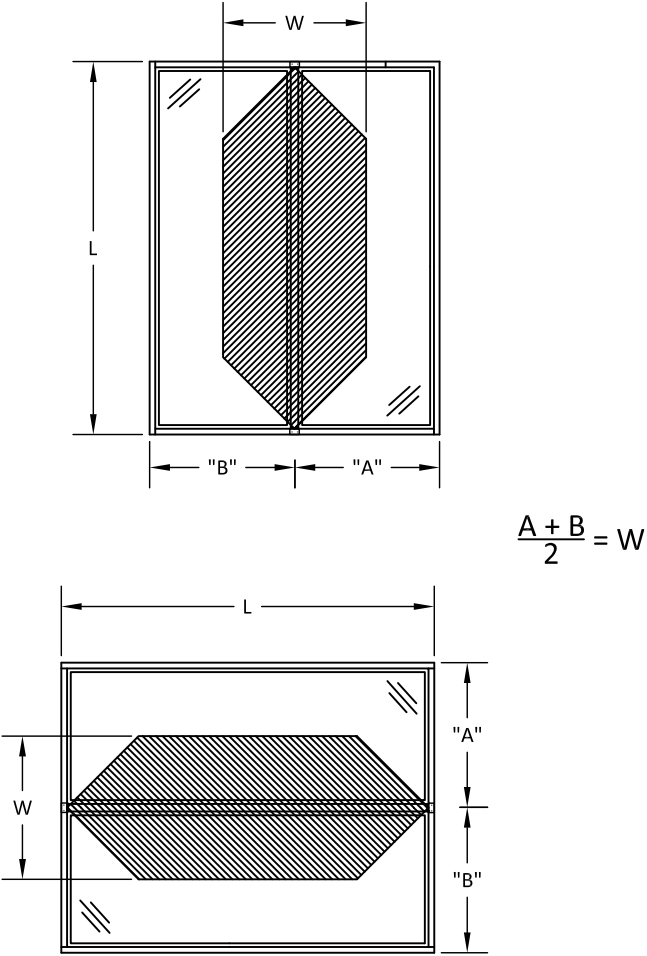
SCALE: **NTS**

DWG. #: **AWD193**

SHEET:
7

Group I 4-9/16" One Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	-	-	-	-	-	-	-
	120	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	116	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	112	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	108	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	104	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	100	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	96	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.22	22.31	-	-	-	-	-	-
	92	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.09	26.28	22.45	-	-	-	-	-	-
	88	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.14	31.16	26.45	22.68	-	-	-	-	-	-
	84	100.00	100.00	100.00	82.87	66.75	54.37	44.73	37.23	31.38	26.74	23.00	-	-	-	-	-	-
	80	100.00	100.00	100.00	82.87	66.75	54.37	44.86	37.52	31.76	27.16	23.43	-	-	-	-	-	-
	76	100.00	100.00	100.00	82.87	66.75	54.54	45.24	38.02	32.30	27.71	23.97	-	-	-	-	-	-
	72	100.00	100.00	100.00	82.87	66.98	55.06	45.90	38.72	33.01	28.41	24.64	21.53	-	-	-	-	-
	68	100.00	100.00	100.00	83.19	67.69	55.93	46.84	39.67	33.93	29.27	25.45	22.28	-	-	-	-	-
	64	100.00	100.00	100.00	84.16	68.89	57.20	48.09	40.87	35.06	30.32	26.42	23.18	-	-	-	-	-
	60	100.00	100.00	100.00	85.83	70.62	58.90	49.70	42.37	36.44	31.59	27.58	24.24	21.42	-	-	-	-
	56	100.00	100.00	100.00	88.25	72.97	61.10	51.73	44.22	38.13	33.12	28.97	25.50	22.57	-	-	-	-
	52	100.00	100.00	100.00	91.54	76.01	63.87	54.24	46.49	40.17	34.96	30.63	27.00	23.93	21.31	-	-	-
	48	100.00	100.00	100.00	95.83	79.88	67.34	57.34	49.26	42.65	37.19	32.63	28.80	25.55	22.78	-	-	-
	44	100.00	100.00	100.00	100.00	84.78	71.68	61.18	52.67	45.68	39.89	35.05	30.98	27.51	24.55	22.00	-	-
	40	100.00	100.00	100.00	100.00	90.97	77.11	65.97	56.89	49.43	43.22	38.03	33.64	29.90	26.71	23.95	21.57	-
	36	100.00	100.00	100.00	100.00	98.86	83.99	71.99	62.19	54.11	47.38	41.73	36.95	32.87	29.38	26.37	23.76	21.48
	32	100.00	100.00	100.00	100.00	100.00	92.84	79.71	68.96	60.07	52.66	46.42	41.14	36.63	32.76	29.42	26.52	24.00
	28	100.00	100.00	100.00	100.00	100.00	100.00	89.83	77.82	67.86	59.54	52.54	46.59	41.52	37.15	33.38	30.11	27.25
	24	100.00	100.00	100.00	100.00	100.00	100.00	89.80	78.38	68.83	60.78	53.94	48.09	43.06	38.71	34.92	31.62	
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	93.27	81.97	72.42	64.30	57.36	51.38	46.20	41.70	37.77	
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.00	79.95	71.34	63.93	57.51	51.92	47.03	
L - Mullion Length																		

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP I, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD OR METAL STUD
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



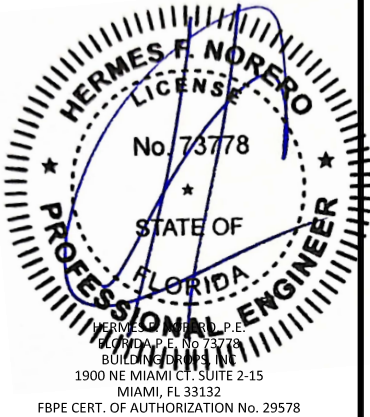
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP I 4-9/16" ONE WAY
LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

SCALE: NTS

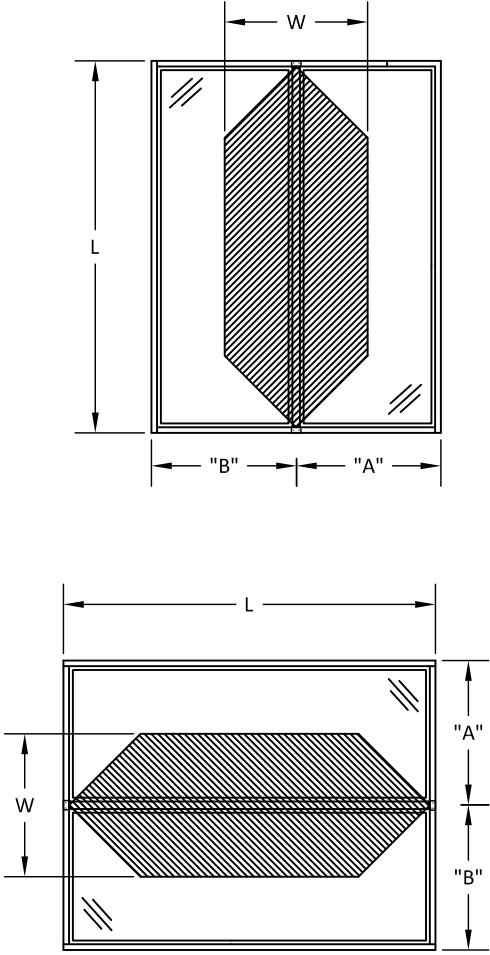
DWG. #: AWD193

SHEET:
8

TRIBUTARY WIDTH = A+B/2

Group II 4-9/16" One Way Load Table																	
124	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
120	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
116	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
112	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
108	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
104	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
100	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.55	21.02	-	-	-	-	-
96	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.91	24.60	21.14	-	-	-	-	-
92	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.27	28.97	24.75	21.34	-	-	-	-	-
88	100.00	100.00	100.00	91.36	73.59	59.94	49.31	40.94	34.35	29.16	25.00	21.62	-	-	-	-	-
84	100.00	100.00	100.00	91.36	73.59	59.94	49.31	41.04	34.60	29.48	25.36	21.99	-	-	-	-	-
80	100.00	100.00	100.00	91.36	73.59	59.94	49.45	41.37	35.01	29.94	25.83	22.46	-	-	-	-	-
76	100.00	100.00	100.00	91.36	73.59	60.13	49.88	41.91	35.61	30.55	26.43	23.04	20.22	-	-	-	-
72	100.00	100.00	100.00	91.36	73.84	60.70	50.60	42.69	36.40	31.32	27.16	23.73	20.87	-	-	-	-
68	100.00	100.00	100.00	91.71	74.62	61.66	51.63	43.73	37.40	32.27	28.06	24.56	21.64	-	-	-	-
64	100.00	100.00	100.00	92.78	75.94	63.06	53.02	45.05	38.65	33.43	29.13	25.55	22.54	20.00	-	-	-
60	100.00	100.00	100.00	94.62	77.86	64.94	54.80	46.71	40.17	34.83	30.41	26.72	23.61	20.98	-	-	-
56	100.00	100.00	100.00	97.29	80.44	67.36	57.03	48.75	42.03	36.51	31.94	28.11	24.88	22.13	-	-	-
52	100.00	100.00	100.00	100.00	83.79	70.41	59.80	51.25	44.28	38.54	33.77	29.76	26.38	23.49	21.01	-	-
48	100.00	100.00	100.00	100.00	88.06	74.24	63.22	54.31	47.02	41.00	35.97	31.75	28.17	25.11	22.49	20.22	-
44	100.00	100.00	100.00	100.00	93.46	79.02	67.45	58.06	50.36	43.98	38.64	34.15	30.33	27.06	24.25	21.82	-
40	100.00	100.00	100.00	100.00	100.00	85.01	72.72	62.72	54.49	47.65	41.92	37.08	32.97	29.44	26.41	23.78	21.49
36	100.00	100.00	100.00	100.00	100.00	92.59	79.36	68.56	59.65	52.23	46.00	40.73	36.24	32.39	29.07	26.19	23.68
32	100.00	100.00	100.00	100.00	100.00	100.00	87.87	76.02	66.22	58.05	51.18	45.35	40.38	36.12	32.44	29.24	26.45
28	100.00	100.00	100.00	100.00	100.00	100.00	99.03	85.78	74.81	65.64	57.92	51.37	45.77	40.96	36.80	33.19	30.04
24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.99	86.41	75.88	67.00	59.46	53.01	47.47	42.67	38.50	34.86
20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.36	79.83	70.89	63.23	56.64	50.94	45.97	41.64
16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.22	88.13	78.65	70.47	63.40	57.24	51.85	
L - Mullion Length																	

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP II, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD OR METAL STUD
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

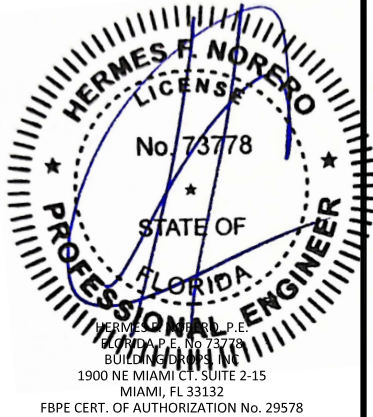
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/(IMPACT))
GROUP II 4-9/16" ONE WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

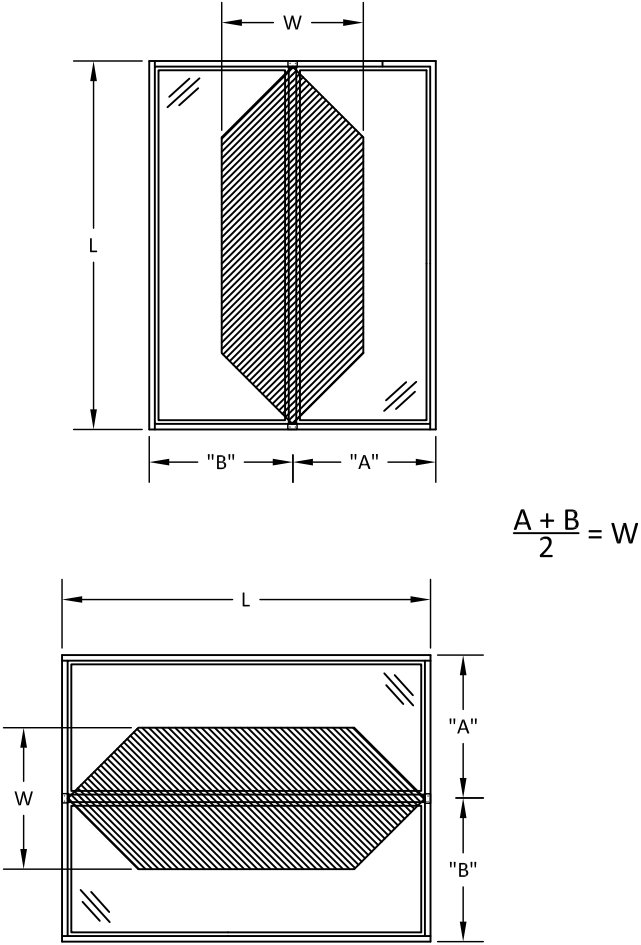
SCALE: NTS

DWG. #: AWD193

SHEET:
9

Group III 4-9/16" One Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	120	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	116	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	112	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	108	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	104	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.72	20.43	-	-	-	-
	100	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.75	23.77	20.54	-	-	-	-
	96	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.67	27.81	23.90	20.72	-	-	-	-
	92	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.74	32.74	27.97	24.12	20.97	-	-	-	-
	88	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.28	38.83	32.96	28.26	24.44	21.30	-	-	-	-
	84	100.00	100.00	100.00	100.00	83.18	67.75	55.74	46.40	39.11	33.32	28.66	24.86	21.72	-	-	-	-
	80	100.00	100.00	100.00	100.00	83.18	67.75	55.90	46.76	39.58	33.84	29.20	25.39	22.24	-	-	-	-
	76	100.00	100.00	100.00	100.00	83.18	67.96	56.38	47.37	40.25	34.53	29.87	26.04	22.85	20.18	-	-	-
	72	100.00	100.00	100.00	100.00	83.47	68.61	57.19	48.25	41.14	35.40	30.70	26.83	23.59	20.86	-	-	-
	68	100.00	100.00	100.00	100.00	84.35	69.70	58.36	49.43	42.28	36.47	31.71	27.76	24.46	21.67	-	-	-
	64	100.00	100.00	100.00	100.00	85.84	71.28	59.93	50.93	43.69	37.79	32.92	28.88	25.48	22.61	20.16	-	-
	60	100.00	100.00	100.00	100.00	88.01	73.40	61.94	52.80	45.41	39.37	34.37	30.20	26.69	23.71	21.17	-	-
	56	100.00	100.00	100.00	100.00	90.92	76.14	64.46	55.11	47.51	41.27	36.10	31.77	28.12	25.01	22.35	20.06	-
	52	100.00	100.00	100.00	100.00	94.71	79.59	67.59	57.93	50.06	43.57	38.17	33.64	29.81	26.55	23.75	21.34	-
	48	100.00	100.00	100.00	100.00	99.54	83.92	71.46	61.39	53.15	46.34	40.66	35.89	31.84	28.38	25.42	22.85	20.62
	44	100.00	100.00	100.00	100.00	100.00	89.32	76.24	65.63	56.93	49.71	43.68	38.60	34.28	30.59	27.42	24.67	22.28
	40	100.00	100.00	100.00	100.00	100.00	96.09	82.20	70.89	61.59	53.86	47.39	41.92	37.26	33.28	29.85	26.88	24.29
	36	100.00	100.00	100.00	100.00	100.00	100.00	89.71	77.50	67.42	59.04	52.00	46.04	40.96	36.61	32.86	29.61	26.77
	32	100.00	100.00	100.00	100.00	100.00	100.00	99.33	85.93	74.86	65.62	57.85	51.26	45.65	40.83	36.67	33.05	29.90
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.97	84.56	74.20	65.47	58.06	51.74	46.30	41.60	37.52	33.96
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	97.68	85.78	75.74	67.21	59.92	53.66	48.23	43.52	39.40
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.24	80.13	71.47	64.02	57.58	51.97	47.07
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.62	88.90	79.66	71.66	64.70	58.61	
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP III, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD OR METAL STUD
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



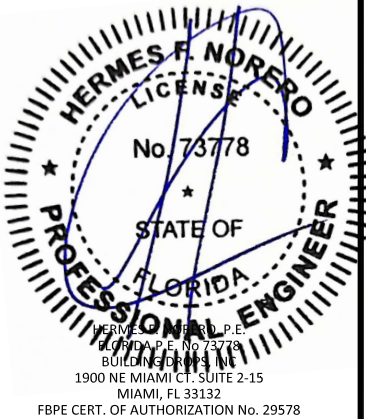
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP III 4-9/16" ONE WAY
LOAD TABLE

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

REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: **10.06.17**

DWG. BY: **HR** CHK. BY: **HFN**

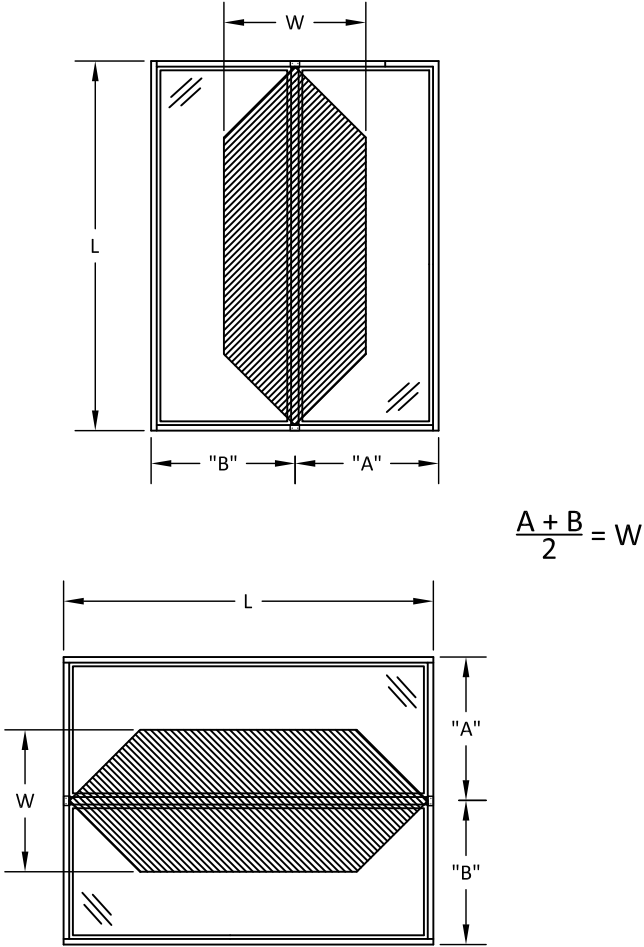
SCALE: **NTS**

DWG. #: **AWD193**

SHEET:
10

Group IV 6-9/16" One Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.79	34.40	29.90	26.11	22.90
	120	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.79	34.40	29.90	26.11	22.93
	116	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.79	34.40	29.90	26.14	23.02
	112	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.79	34.40	29.94	26.25	23.17
	108	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.79	34.46	30.08	26.44	23.38
	104	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.27	39.86	34.62	30.30	26.70	23.66
	100	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.13	46.36	40.06	34.90	30.62	27.04	24.01
	96	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	54.24	46.62	40.41	35.30	31.04	27.47	24.44
	92	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.35	54.57	47.05	40.91	35.82	31.57	27.99	24.94
	88	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.73	60.67	55.12	47.68	41.56	36.47	32.21	28.61	25.53
	84	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.85	66.10	61.21	55.91	48.50	42.38	37.27	32.98	29.34	26.23
	80	100.00	100.00	100.00	100.00	96.13	86.76	78.87	72.30	66.74	61.97	56.95	49.53	43.38	38.23	33.89	30.19	27.03
	76	100.00	100.00	100.00	100.00	96.13	86.98	79.41	73.06	67.65	62.98	58.27	50.80	44.58	39.36	34.95	31.18	27.95
	72	100.00	100.00	100.00	100.00	96.40	87.64	80.33	74.15	68.86	64.27	59.90	52.33	46.02	40.70	36.19	32.34	29.02
	68	100.00	100.00	100.00	100.00	97.21	88.76	81.66	75.61	70.39	65.85	61.86	54.16	47.71	42.27	37.64	33.67	30.25
	64	100.00	100.00	100.00	100.00	98.59	90.38	83.42	77.46	72.30	67.78	63.79	56.34	49.71	44.10	39.32	35.22	31.68
	60	100.00	100.00	100.00	100.00	100.00	92.54	85.69	79.78	74.63	70.11	66.10	58.92	52.07	46.26	41.29	37.03	33.33
	56	100.00	100.00	100.00	100.00	100.00	95.34	88.53	82.63	77.46	72.91	68.86	61.98	54.85	48.79	43.61	39.14	35.27
	52	100.00	100.00	100.00	100.00	100.00	98.87	92.05	86.11	80.90	76.27	72.15	65.63	58.16	51.79	46.33	41.63	37.54
	48	100.00	100.00	100.00	100.00	100.00	100.00	96.40	90.38	85.06	80.33	76.11	70.00	62.11	55.37	49.58	44.58	40.23
	44	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.60	90.14	85.27	80.90	75.29	66.87	59.67	53.48	48.12	43.46
	40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.40	91.33	86.76	81.77	72.69	64.92	58.23	52.43	47.38
	36	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.87	94.05	89.67	79.91	71.42	64.10	57.75	52.22
	32	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.59	89.05	79.64	71.52	64.48	58.33
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.32	81.15	73.19	66.24
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	94.09	84.89	76.86
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	91.81
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP IV, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION JOINING STRIP (HVHZ/(IMPACT)) GROUP IV 6-9/16" ONE WAY LOAD TABLE

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

REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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

FL #:

FL15922

DATE: 10.06.17

DWG. BY: HR	CHK. BY: HFN
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SCALE: NTS

DWG. #: AWD193

SHEET:

11

OF 32

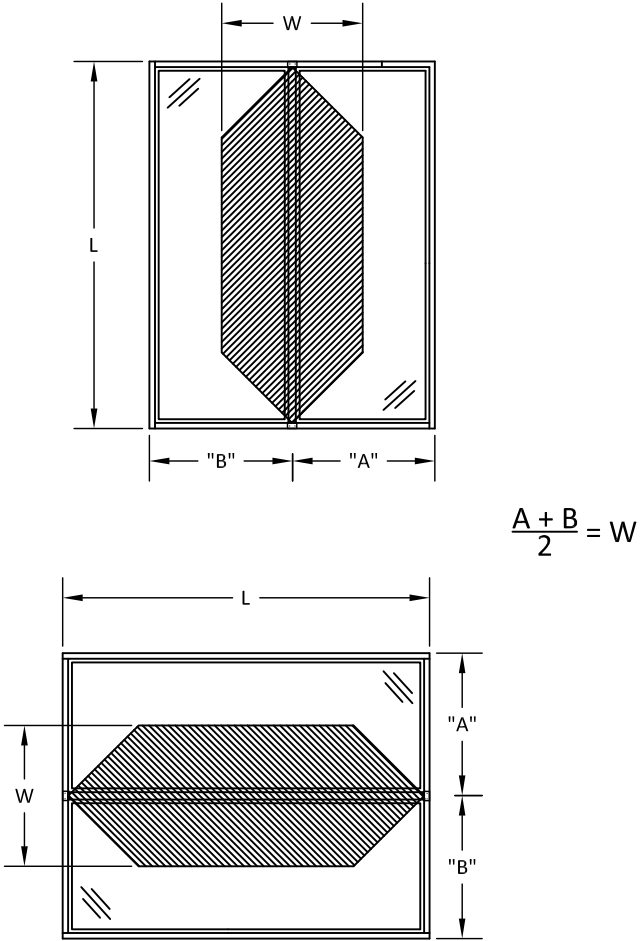
Group V 6-9/16" One Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.08	35.52	30.86	26.95	23.64
	120	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.08	35.52	30.86	26.95	23.67
	116	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.08	35.52	30.86	26.99	23.76
	112	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.08	35.52	30.91	27.10	23.92
	108	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.08	35.57	31.05	27.29	24.14
	104	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.77	41.15	35.74	31.28	27.56	24.43
	100	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	47.86	41.36	36.03	31.61	27.91	24.79
	96	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.62	48.13	41.72	36.44	32.05	28.35	25.23
	92	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.35	55.88	48.58	42.23	36.98	32.59	28.89	25.75
	88	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.73	60.67	56.34	49.22	42.90	37.65	33.25	29.53	26.36
	84	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.85	66.10	61.21	56.99	50.06	43.75	38.48	34.05	30.29	27.07
	80	100.00	100.00	100.00	100.00	96.13	86.76	78.87	72.30	66.74	61.97	57.84	51.13	44.78	39.47	34.98	31.17	27.90
	76	100.00	100.00	100.00	100.00	96.13	86.98	79.41	73.06	67.65	62.98	58.92	52.44	46.02	40.64	36.08	32.19	28.86
	72	100.00	100.00	100.00	100.00	96.40	87.64	80.33	74.15	68.86	64.27	60.25	54.02	47.50	42.02	37.36	33.38	29.96
	68	100.00	100.00	100.00	100.00	97.21	88.76	81.66	75.61	70.39	65.85	61.86	55.91	49.25	43.63	38.85	34.76	31.23
	64	100.00	100.00	100.00	100.00	98.59	90.38	83.42	77.46	72.30	67.78	63.79	58.16	51.32	45.53	40.60	36.36	32.70
	60	100.00	100.00	100.00	100.00	100.00	92.54	85.69	79.78	74.63	70.11	66.10	60.82	53.75	47.75	42.63	38.22	34.41
	56	100.00	100.00	100.00	100.00	100.00	95.34	88.53	82.63	77.46	72.91	68.86	63.98	56.63	50.37	45.02	40.40	36.41
	52	100.00	100.00	100.00	100.00	100.00	98.87	92.05	86.11	80.90	76.27	72.15	67.75	60.04	53.47	47.83	42.97	38.75
	48	100.00	100.00	100.00	100.00	100.00	100.00	96.40	90.38	85.06	80.33	76.11	72.27	64.12	57.16	51.18	46.02	41.53
	44	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.60	90.14	85.27	80.90	76.95	69.04	61.60	55.21	49.68	44.87
	40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.40	91.33	86.76	82.63	75.04	67.02	60.11	54.12	48.91
	36	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.87	94.05	89.67	82.49	73.73	66.17	59.62	53.91
	32	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.59	91.93	82.22	73.84	66.56	60.22
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	93.24	83.78	75.56	68.38
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	97.13	87.64	79.35
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	94.78
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

NOTE:

- 1) MULLION CHART APPLIES TO GROUP V, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

• L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY

• GUSSET INSTALLATION TO WOOD OR METAL STUD
- 6) TRIBUTARY WIDTH = W = (A+B)/2



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

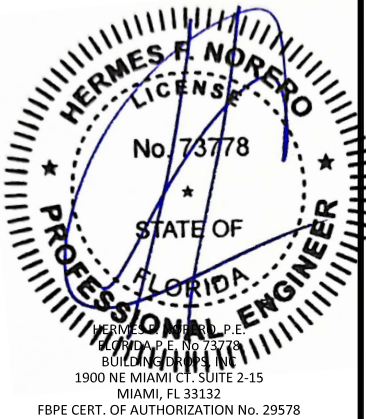
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP V 6-9/16" ONE WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD193

SHEET:
12

TRIBUTARY WIDTH = A+B/2

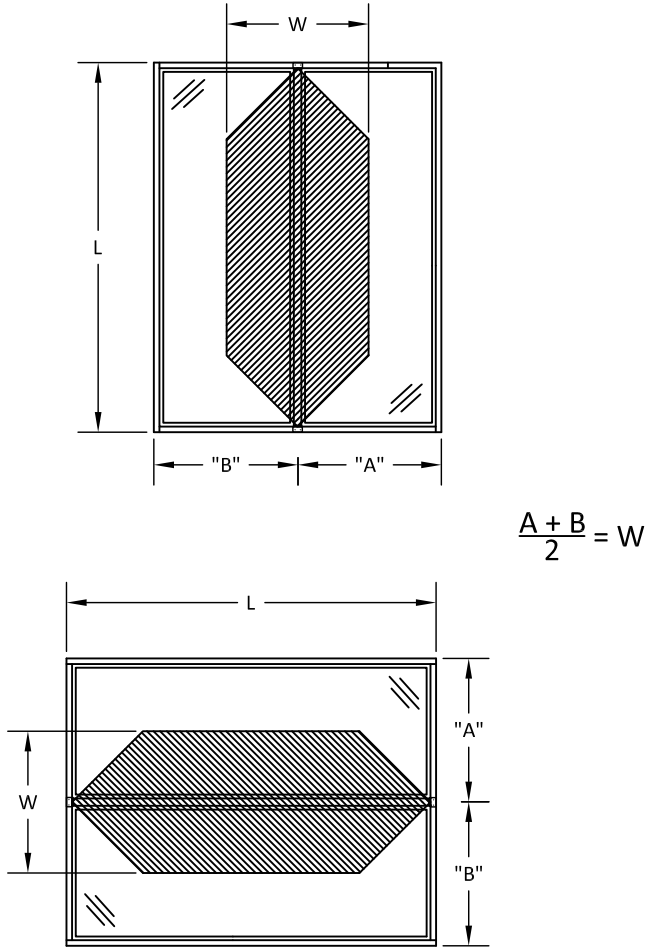
Group VI 6-9/16" One Way Load Table																	
124	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.88	36.21	31.47	27.48	24.10
120	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.88	36.21	31.47	27.48	24.13
116	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.88	36.21	31.47	27.52	24.23
112	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.88	36.21	31.51	27.63	24.38
108	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.88	36.27	31.66	27.82	24.61
104	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.70	41.95	36.44	31.89	28.10	24.90
100	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.53	48.79	42.17	36.74	32.23	28.46	25.27
96	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.25	55.62	49.07	42.53	37.15	32.67	28.91	25.72
92	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.60	60.35	55.88	49.53	43.05	37.70	33.23	29.46	26.25
88	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.70	65.73	60.67	56.34	50.18	43.74	38.39	33.90	30.11	26.87
84	100.00	100.00	100.00	100.00	96.13	86.76	78.69	71.85	66.10	61.21	56.99	51.04	44.60	39.23	34.71	30.88	27.60
80	100.00	100.00	100.00	100.00	96.13	86.76	78.87	72.30	66.74	61.97	57.84	52.13	45.65	40.24	35.66	31.78	28.45
76	100.00	100.00	100.00	100.00	96.13	86.98	79.41	73.06	67.65	62.98	58.92	53.47	46.92	41.43	36.78	32.82	29.42
72	100.00	100.00	100.00	100.00	96.40	87.64	80.33	74.15	68.86	64.27	60.25	55.08	48.43	42.84	38.09	34.03	30.54
68	100.00	100.00	100.00	100.00	97.21	88.76	81.66	75.61	70.39	65.85	61.86	57.00	50.22	44.49	39.61	35.44	31.84
64	100.00	100.00	100.00	100.00	98.59	90.38	83.42	77.46	72.30	67.78	63.79	59.29	52.32	46.42	41.39	37.07	33.34
60	100.00	100.00	100.00	100.00	100.00	92.54	85.69	79.78	74.63	70.11	66.10	62.01	54.80	48.69	43.46	38.97	35.08
56	100.00	100.00	100.00	100.00	100.00	95.34	88.53	82.63	77.46	72.91	68.86	65.23	57.73	51.36	45.90	41.19	37.12
52	100.00	100.00	100.00	100.00	100.00	98.87	92.05	86.11	80.90	76.27	72.15	68.45	61.21	54.51	48.77	43.81	39.51
48	100.00	100.00	100.00	100.00	100.00	100.00	96.40	90.38	85.06	80.33	76.11	72.30	65.37	58.28	52.18	46.92	42.34
44	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.60	90.14	85.27	80.90	76.95	70.38	62.81	56.29	50.65	45.74
40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.40	91.33	86.76	82.63	76.51	68.33	61.28	55.18	49.87
36	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.87	94.05	89.67	84.11	75.17	67.47	60.79	54.96
32	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.59	93.72	83.82	75.28	67.86
28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.06	85.41	77.03
24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.03	89.35
20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.63
16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C - Mullion Length																	
	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124

NOTE:

- 1) MULLION CHART APPLIES TO GROUP VI, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY

GUSSET INSTALLATION TO WOOD OR METAL STUD
- 6) TRIBUTARY WIDTH = W = (A+B)/2



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

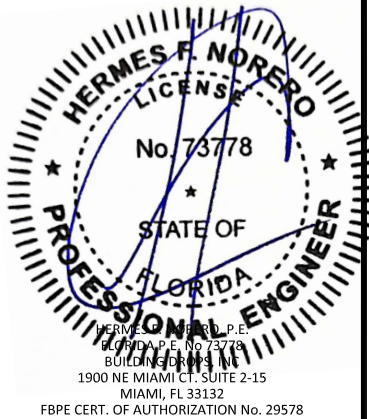
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP VI 6-9/16" ONE WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

SCALE: NTS

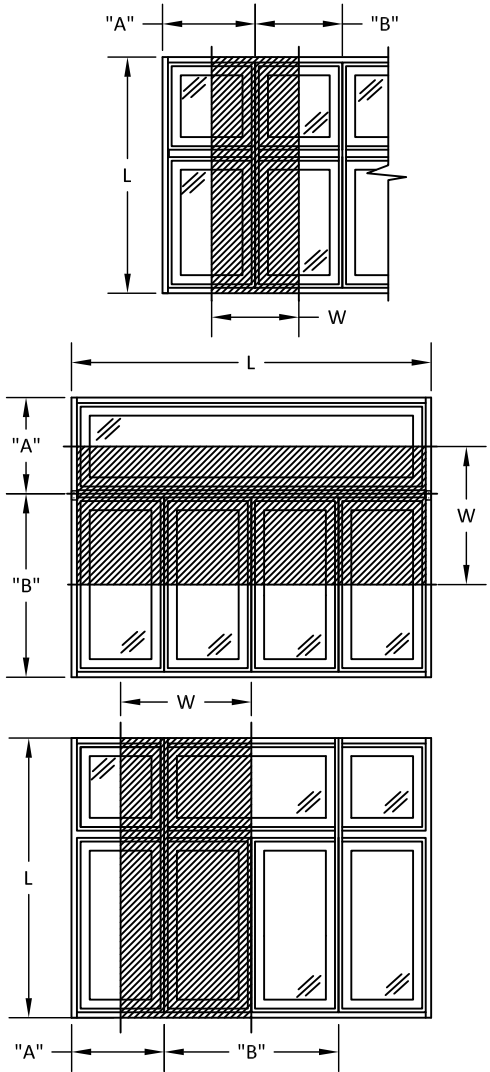
DWG. #: AWD193

SHEET:
13

Group I 4-9/16" Two Way Load Table																	
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	30.80	26.18	22.45	-	-	-	-	-	-	-	-	-	-
	120	38.56	36.15	34.02	31.82	27.06	23.20	20.04	-	-	-	-	-	-	-	-	-
	116	39.89	37.40	35.20	32.92	27.99	24.00	20.73	-	-	-	-	-	-	-	-	-
	112	41.31	38.73	36.45	34.09	28.99	24.86	21.47	-	-	-	-	-	-	-	-	-
	108	42.84	40.17	37.80	35.36	30.06	25.78	22.27	-	-	-	-	-	-	-	-	-
	104	44.49	41.71	39.26	36.72	31.22	26.77	23.12	20.11	-	-	-	-	-	-	-	-
	100	46.27	43.38	40.83	38.19	32.47	27.84	24.05	20.91	-	-	-	-	-	-	-	-
	96	48.20	45.19	42.53	39.78	33.82	29.00	25.05	21.79	-	-	-	-	-	-	-	-
	92	50.30	47.15	44.38	41.51	35.29	30.26	26.14	22.73	-	-	-	-	-	-	-	-
	88	52.58	49.30	46.40	43.39	36.90	31.63	27.33	23.77	20.80	-	-	-	-	-	-	-
	84	55.09	51.64	48.61	45.46	38.65	33.14	28.63	24.90	21.79	-	-	-	-	-	-	-
	80	57.84	54.23	51.04	47.73	40.59	34.80	30.06	26.14	22.88	20.14	-	-	-	-	-	-
	76	60.88	57.08	53.72	50.24	42.72	36.63	31.64	27.52	24.08	21.20	-	-	-	-	-	-
	72	64.27	60.25	56.71	53.04	45.10	38.66	33.40	29.05	25.42	22.37	-	-	-	-	-	-
	68	68.05	63.79	60.04	56.16	47.75	40.94	35.36	30.76	26.92	23.69	20.96	-	-	-	-	-
	64	72.30	67.78	63.79	59.67	50.73	43.50	37.57	32.68	28.60	25.17	22.27	-	-	-	-	-
	60	77.12	72.30	68.05	63.64	54.11	46.40	40.08	34.86	30.51	26.85	23.75	21.12	-	-	-	-
	56	82.63	77.46	72.91	68.19	57.98	49.71	42.94	37.35	32.69	28.77	25.45	22.63	20.20	-	-	-
	52	88.98	83.42	78.52	73.43	62.44	53.53	46.24	40.22	35.20	30.98	27.41	24.37	21.76	-	-	-
	48	96.40	90.38	85.06	79.55	67.64	58.00	50.10	43.57	38.13	33.56	29.69	26.40	23.57	21.14	-	-
	44	100.00	98.59	92.79	86.79	73.79	63.27	54.65	47.53	41.60	36.61	32.39	28.80	25.71	23.06	20.75	-
	40	100.00	100.00	100.00	95.47	81.17	69.59	60.12	52.29	45.76	40.27	35.63	31.68	28.29	25.36	22.83	20.62
	36	100.00	100.00	100.00	100.00	90.19	77.33	66.80	58.10	50.84	44.75	39.59	35.20	31.43	28.18	25.36	22.91
	32	100.00	100.00	100.00	100.00	100.00	86.99	75.15	65.36	57.20	50.34	44.54	39.60	35.36	31.70	28.54	25.78
	28	100.00	100.00	100.00	100.00	100.00	99.42	85.88	74.70	65.37	57.53	50.90	45.25	40.41	36.23	32.61	29.46
	24	100.00	100.00	100.00	100.00	100.00	100.00	87.15	76.27	67.12	59.39	52.79	47.14	42.27	38.05	34.37	31.15
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	91.52	80.55	71.26	63.35	56.57	50.72	45.66	41.24	37.38
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	89.08	79.19	70.71	63.41	57.07	51.55
		60	64	68	72	76	80	84	88	96	100	104	108	112	116	120	124
L - Mullion Length																	

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP I, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD OR METAL STUD
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

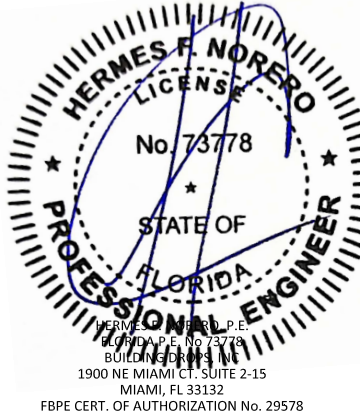
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP I 4-9/16" TWO WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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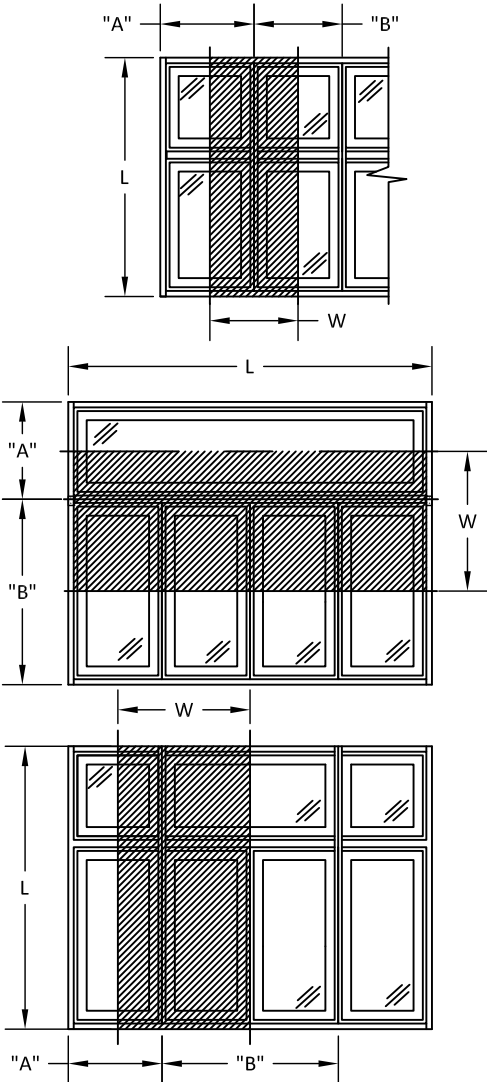


FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	14

Group II 4-9/16" Two Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	31.10	28.87	24.75	21.38	-	-	-	-	-	-	-	-	-	-
	120	38.56	36.15	34.02	32.13	29.83	25.57	22.09	-	-	-	-	-	-	-	-	-	-
	116	39.89	37.40	35.20	33.24	30.86	26.46	22.85	-	-	-	-	-	-	-	-	-	-
	112	41.31	38.73	36.45	34.43	31.96	27.40	23.67	20.59	-	-	-	-	-	-	-	-	-
	108	42.84	40.17	37.80	35.70	33.14	28.42	24.55	21.35	-	-	-	-	-	-	-	-	-
	104	44.49	41.71	39.26	37.08	34.42	29.51	25.49	22.17	-	-	-	-	-	-	-	-	-
	100	46.27	43.38	40.83	38.56	35.79	30.69	26.51	23.06	20.18	-	-	-	-	-	-	-	-
	96	48.20	45.19	42.53	40.17	37.28	31.97	27.61	24.02	21.02	-	-	-	-	-	-	-	-
	92	50.30	47.15	44.38	41.91	38.91	33.36	28.82	25.06	21.93	-	-	-	-	-	-	-	-
	88	52.58	49.30	46.40	43.82	40.67	34.87	30.12	26.20	22.93	20.18	-	-	-	-	-	-	-
	84	55.09	51.64	48.61	45.90	42.61	36.53	31.56	27.45	24.02	21.14	-	-	-	-	-	-	-
	80	57.84	54.23	51.04	48.20	44.74	38.36	33.14	28.82	25.22	22.20	-	-	-	-	-	-	-
	76	60.88	57.08	53.72	50.74	47.10	40.38	34.88	30.34	26.55	23.37	20.67	-	-	-	-	-	-
	72	64.27	60.25	56.71	53.56	49.71	42.62	36.82	32.02	28.03	24.67	21.82	-	-	-	-	-	-
	68	68.05	63.79	60.04	56.71	52.64	45.13	38.99	33.91	29.67	26.12	23.11	20.54	-	-	-	-	-
	64	72.30	67.78	63.79	60.25	55.93	47.95	41.42	36.03	31.53	27.75	24.55	21.83	-	-	-	-	-
	60	77.12	72.30	68.05	64.27	59.66	51.15	44.18	38.43	33.63	29.60	26.19	23.28	20.79	-	-	-	-
	56	82.63	77.46	72.91	68.86	63.92	54.80	47.34	41.17	36.03	31.71	28.06	24.94	22.27	-	-	-	-
	52	88.98	83.42	78.52	74.15	68.83	59.02	50.98	44.34	38.80	34.15	30.22	26.86	23.99	21.51	-	-	-
	48	96.40	90.38	85.06	80.33	74.57	63.93	55.23	48.03	42.04	37.00	32.73	29.10	25.99	23.30	20.97	-	-
	44	100.00	98.59	92.79	87.64	81.35	69.75	60.25	52.40	45.86	40.36	35.71	31.75	28.35	25.42	22.88	20.67	-
	40	100.00	100.00	100.00	96.40	89.48	76.72	66.27	57.64	50.45	44.40	39.28	34.92	31.18	27.96	25.17	22.73	20.60
	36	100.00	100.00	100.00	100.00	99.43	85.25	73.64	64.05	56.05	49.33	43.65	38.80	34.65	31.07	27.96	25.26	22.89
	32	100.00	100.00	100.00	100.00	100.00	95.90	82.84	72.05	63.06	55.50	49.10	43.65	38.98	34.95	31.46	28.42	25.75
	28	100.00	100.00	100.00	100.00	100.00	100.00	94.68	82.35	72.06	63.43	56.12	49.89	44.55	39.94	35.95	32.47	29.43
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.07	84.08	74.00	65.47	58.20	51.97	46.60	41.94	37.89	34.34
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	88.80	78.56	69.84	62.37	55.92	50.33	45.46	41.21
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.20	87.30	77.96	69.90	62.91	56.83	51.51
L - Mullion Length																		

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP II, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD OR METAL STUD
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP II 4-9/16" TWO WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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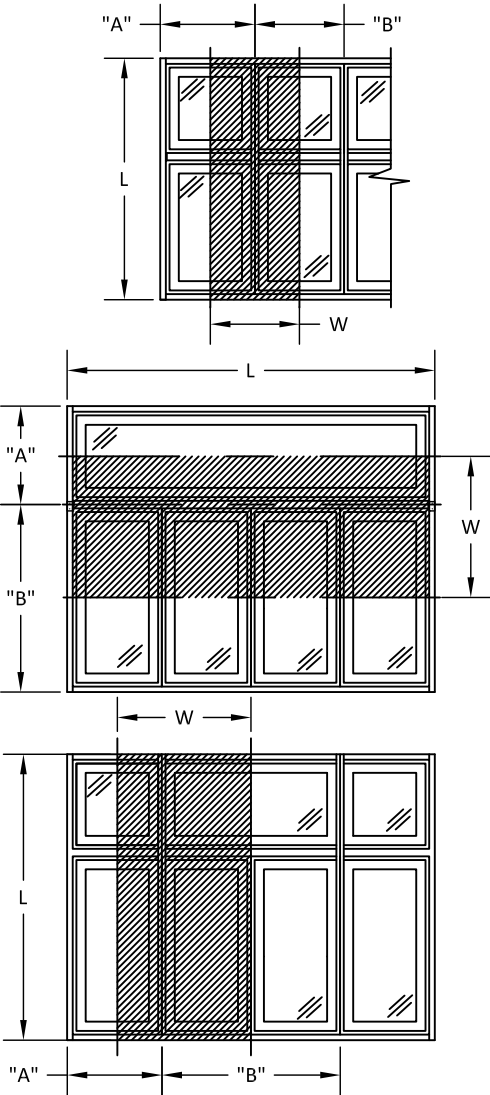


FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	15

Group III 4-9/16" Two Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	31.10	29.46	27.98	24.17	21.02	-	-	-	-	-	-	-	-	-
	120	38.56	36.15	34.02	32.13	30.44	28.91	24.97	21.72	-	-	-	-	-	-	-	-	-
	116	39.89	37.40	35.20	33.24	31.49	29.90	25.83	22.47	-	-	-	-	-	-	-	-	-
	112	41.31	38.73	36.45	34.43	32.62	30.97	26.76	23.27	20.37	-	-	-	-	-	-	-	-
	108	42.84	40.17	37.80	35.70	33.82	32.12	27.75	24.13	21.12	-	-	-	-	-	-	-	-
	104	44.49	41.71	39.26	37.08	35.13	33.36	28.81	25.06	21.93	-	-	-	-	-	-	-	-
	100	46.27	43.38	40.83	38.56	36.53	34.69	29.97	26.06	22.81	20.07	-	-	-	-	-	-	-
	96	48.20	45.19	42.53	40.17	38.05	36.13	31.21	27.15	23.76	20.91	-	-	-	-	-	-	-
	92	50.30	47.15	44.38	41.91	39.71	37.71	32.57	28.33	24.79	21.82	-	-	-	-	-	-	-
	88	52.58	49.30	46.40	43.82	41.51	39.42	34.05	29.62	25.92	22.81	20.18	-	-	-	-	-	-
	84	55.09	51.64	48.61	45.90	43.49	41.30	35.67	31.03	27.15	23.90	21.14	-	-	-	-	-	-
	80	57.84	54.23	51.04	48.20	45.66	43.36	37.46	32.58	28.51	25.09	22.20	-	-	-	-	-	-
	76	60.88	57.08	53.72	50.74	48.07	45.64	39.43	34.29	30.01	26.41	23.37	20.78	-	-	-	-	-
	72	64.27	60.25	56.71	53.56	50.74	48.18	41.62	36.20	31.68	27.88	24.67	21.93	-	-	-	-	-
	68	68.05	63.79	60.04	56.71	53.72	51.01	44.07	38.33	33.54	29.52	26.12	23.22	20.73	-	-	-	-
	64	72.30	67.78	63.79	60.25	57.08	54.20	46.82	40.72	35.64	31.37	27.75	24.67	22.03	-	-	-	-
	60	77.12	72.30	68.05	64.27	60.88	57.82	49.94	43.44	38.01	33.46	29.60	26.32	23.50	21.07	-	-	-
	56	82.63	77.46	72.91	68.86	65.23	61.95	53.51	46.54	40.73	35.85	31.72	28.20	25.18	22.57	20.32	-	-
	52	88.98	83.42	78.52	74.15	70.25	66.71	57.63	50.12	43.86	38.61	34.16	30.36	27.11	24.31	21.88	-	-
	48	96.40	90.38	85.06	80.33	76.11	72.27	62.43	54.30	47.52	41.82	37.00	32.89	29.37	26.34	23.71	21.41	-
	44	100.00	98.59	92.79	87.64	83.02	78.84	68.10	59.23	51.84	45.62	40.37	35.89	32.04	28.73	25.86	23.36	21.17
	40	100.00	100.00	100.00	96.40	91.33	86.72	74.91	65.16	57.02	50.19	44.40	39.47	35.25	31.60	28.45	25.70	23.29
	36	100.00	100.00	100.00	100.00	100.00	96.36	83.24	72.40	63.36	55.76	49.34	43.86	39.16	35.12	31.61	28.55	25.88
	32	100.00	100.00	100.00	100.00	100.00	100.00	93.64	81.45	71.28	62.73	55.50	49.34	44.06	39.51	35.56	32.12	29.11
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	93.08	81.46	71.70	63.43	56.39	50.35	45.15	40.64	36.71	33.27
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.04	83.65	74.00	65.79	58.75	52.67	47.41	42.83	38.81
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	88.80	78.95	70.50	63.21	56.89	51.39	46.58
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.68	88.12	79.01	71.12	64.24	58.22
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP III, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
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 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
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$$\frac{A+B}{2} = W$$



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

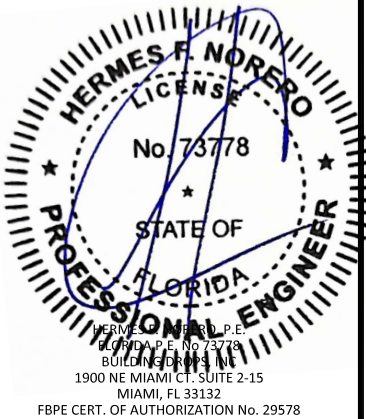
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP III 4-9/16" TWO WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
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FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

Group IV 6-9/16" Two Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	31.10	29.46	27.99	26.65	25.44	24.34	23.32	22.39	21.53	20.73	-	-	-	-
	120	38.56	36.15	34.02	32.13	30.44	28.92	27.54	26.29	25.15	24.10	23.14	22.25	21.42	20.55	-	-	-
	116	39.89	37.40	35.20	33.24	31.49	29.92	28.49	27.20	26.01	24.93	23.93	23.01	22.16	21.26	-	-	-
	112	41.31	38.73	36.45	34.43	32.62	30.99	29.51	28.17	26.94	25.82	24.79	23.84	22.95	22.02	-	-	-
	108	42.84	40.17	37.80	35.70	33.82	32.13	30.60	29.21	27.94	26.78	25.71	24.72	23.80	22.83	20.55	-	-
	104	44.49	41.71	39.26	37.08	35.13	33.37	31.78	30.34	29.02	27.81	26.70	25.67	24.72	23.71	21.34	-	-
	100	46.27	43.38	40.83	38.56	36.53	34.70	33.05	31.55	30.18	28.92	27.76	26.70	25.71	24.66	22.20	20.05	-
	96	48.20	45.19	42.53	40.17	38.05	36.15	34.43	32.86	31.43	30.13	28.92	27.81	26.78	25.69	23.12	20.89	-
	92	50.30	47.15	44.38	41.91	39.71	37.72	35.93	34.29	32.80	31.43	30.18	29.02	27.94	26.80	24.13	21.79	-
	88	52.58	49.30	46.40	43.82	41.51	39.44	37.56	35.85	34.29	32.86	31.55	30.34	29.21	28.02	25.22	22.78	20.65
	84	55.09	51.64	48.61	45.90	43.49	41.31	39.35	37.56	35.93	34.43	33.05	31.78	30.60	29.36	26.42	23.87	21.63
	80	57.84	54.23	51.04	48.20	45.66	43.38	41.31	39.44	37.72	36.15	34.70	33.37	32.13	30.83	27.75	25.06	22.71
	76	60.88	57.08	53.72	50.74	48.07	45.66	43.49	41.51	39.71	38.05	36.53	35.13	33.82	32.45	29.21	26.38	23.91
	72	64.27	60.25	56.71	53.56	50.74	48.20	45.90	43.82	41.91	40.17	38.56	37.08	35.70	34.25	30.83	27.85	25.24
	68	68.05	63.79	60.04	56.71	53.72	51.04	48.61	46.40	44.38	42.53	40.83	39.26	37.80	36.27	32.64	29.48	26.72
	64	72.30	67.78	63.79	60.25	57.08	54.23	51.64	49.30	47.15	45.19	43.38	41.71	40.17	38.53	34.68	31.33	28.39
	60	77.12	72.30	68.05	64.27	60.88	57.84	55.09	52.58	50.30	48.20	46.27	44.49	42.84	41.10	36.99	33.42	30.29
	56	82.63	77.46	72.91	68.86	65.23	61.97	59.02	56.34	53.89	51.64	49.58	47.67	45.90	44.04	39.64	35.80	32.45
	52	88.98	83.42	78.52	74.15	70.25	66.74	63.56	60.67	58.03	55.62	53.39	51.34	49.44	47.42	42.69	38.56	34.95
	48	96.40	90.38	85.06	80.33	76.11	72.30	68.86	65.73	62.87	60.25	57.84	55.62	53.56	51.38	46.24	41.77	37.86
	44	100.00	98.59	92.79	87.64	83.02	78.87	75.12	71.70	68.58	65.73	63.10	60.67	58.42	56.05	50.45	45.57	41.30
	40	100.00	100.00	100.00	96.40	91.33	86.76	82.63	78.87	75.44	72.30	69.41	66.74	64.27	61.65	55.49	50.12	45.43
	36	100.00	100.00	100.00	100.00	100.00	96.40	91.81	87.64	83.83	80.33	77.12	74.15	71.41	68.50	61.66	55.69	50.48
	32	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.59	94.30	90.38	86.76	83.42	80.33	77.06	69.36	62.66	56.79
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.15	95.34	91.81	88.07	79.27	71.61	64.90
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	92.48	83.54	75.71
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.86
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

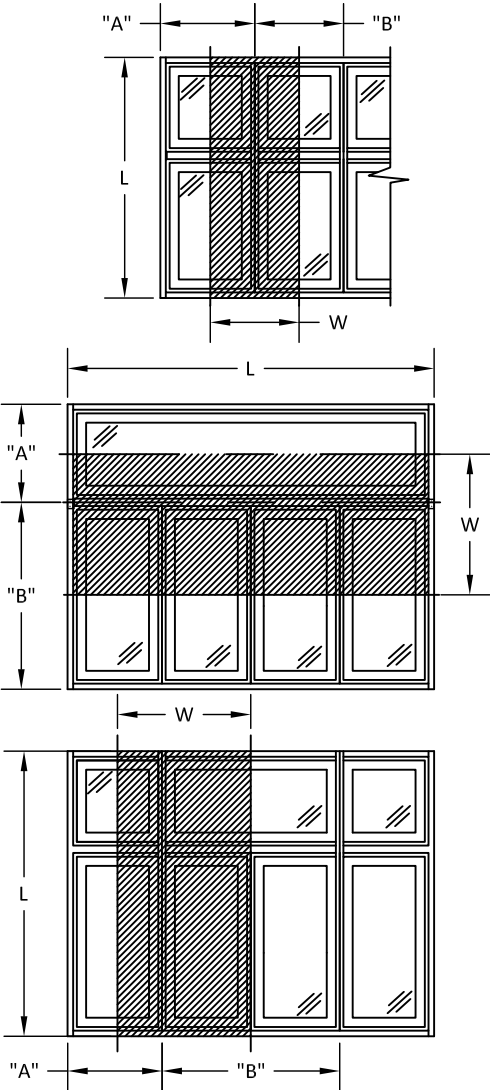
NOTE:

- 1) MULLION CHART APPLIES TO GROUP IV, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T',CONFIGURATIONS.
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- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

• L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY

• GUSSET INSTALLATION TO WOOD OR METAL STUD
- 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

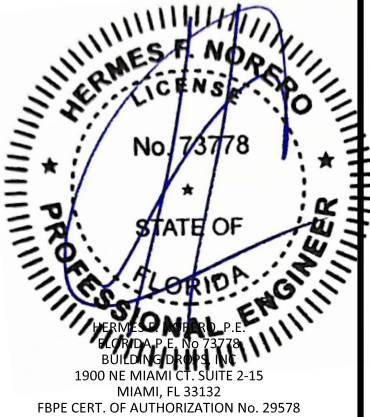
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP IV 6-9/16" TWO WAY
LOAD TABLE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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REMARKS	BY	DATE
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FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

17

Group V 6-9/16" Two Way Load Table																			
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	31.10	29.46	27.99	26.65	25.44	24.34	23.32	22.39	21.53	20.73	-	-	-	-	-
	120	38.56	36.15	34.02	32.13	30.44	28.92	27.54	26.29	25.15	24.10	23.14	22.25	21.42	20.66	-	-	-	-
	116	39.89	37.40	35.20	33.24	31.49	29.92	28.49	27.20	26.01	24.93	23.93	23.01	22.16	21.37	-	-	-	-
	112	41.31	38.73	36.45	34.43	32.62	30.99	29.51	28.17	26.94	25.82	24.79	23.84	22.95	22.13	20.46	-	-	-
	108	42.84	40.17	37.80	35.70	33.82	32.13	30.60	29.21	27.94	26.78	25.71	24.72	23.80	22.95	21.22	-	-	-
	104	44.49	41.71	39.26	37.08	35.13	33.37	31.78	30.34	29.02	27.81	26.70	25.67	24.72	23.84	22.03	-	-	-
	100	46.27	43.38	40.83	38.56	36.53	34.70	33.05	31.55	30.18	28.92	27.76	26.70	25.71	24.79	22.91	20.70	-	-
	96	48.20	45.19	42.53	40.17	38.05	36.15	34.43	32.86	31.43	30.13	28.92	27.81	26.78	25.82	23.87	21.56	-	-
	92	50.30	47.15	44.38	41.91	39.71	37.72	35.93	34.29	32.80	31.43	30.18	29.02	27.94	26.94	24.91	22.50	20.39	-
	88	52.58	49.30	46.40	43.82	41.51	39.44	37.56	35.85	34.29	32.86	31.55	30.34	29.21	28.17	26.04	23.52	21.32	-
	84	55.09	51.64	48.61	45.90	43.49	41.31	39.35	37.56	35.93	34.43	33.05	31.78	30.60	29.51	27.28	24.64	22.33	-
	80	57.84	54.23	51.04	48.20	45.66	43.38	41.31	39.44	37.72	36.15	34.70	33.37	32.13	30.99	28.64	25.87	23.45	-
	76	60.88	57.08	53.72	50.74	48.07	45.66	43.49	41.51	39.71	38.05	36.53	35.13	33.82	32.62	30.15	27.23	24.68	-
	72	64.27	60.25	56.71	53.56	50.74	48.20	45.90	43.82	41.91	40.17	38.56	37.08	35.70	34.43	31.82	28.75	26.05	-
	68	68.05	63.79	60.04	56.71	53.72	51.04	48.61	46.40	44.38	42.53	40.83	39.26	37.80	36.45	33.70	30.44	27.59	-
	64	72.30	67.78	63.79	60.25	57.08	54.23	51.64	49.30	47.15	45.19	43.38	41.71	40.17	38.73	35.80	32.34	29.31	-
	60	77.12	72.30	68.05	64.27	60.88	57.84	55.09	52.58	50.30	48.20	46.27	44.49	42.84	41.31	38.19	34.50	31.26	-
	56	82.63	77.46	72.91	68.86	65.23	61.97	59.02	56.34	53.89	51.64	49.58	47.67	45.90	44.27	40.92	36.96	33.50	-
	52	88.98	83.42	78.52	74.15	70.25	66.74	63.56	60.67	58.03	55.62	53.39	51.34	49.44	47.67	44.07	39.80	36.07	-
	48	96.40	90.38	85.06	80.33	76.11	72.30	68.86	65.73	62.87	60.25	57.84	55.62	53.56	51.64	47.74	43.12	39.08	-
	44	100.00	98.59	92.79	87.64	83.02	78.87	75.12	71.70	68.58	65.73	63.10	60.67	58.42	56.34	52.08	47.04	42.63	-
	40	100.00	100.00	100.00	96.40	91.33	86.76	82.63	78.87	75.44	72.30	69.41	66.74	64.27	61.97	57.28	51.75	46.90	-
	36	100.00	100.00	100.00	100.00	100.00	96.40	91.81	87.64	83.83	80.33	77.12	74.15	71.41	68.86	63.65	57.49	52.11	-
	32	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.59	94.30	90.38	86.76	83.42	80.33	77.46	71.61	64.68	58.62	-
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.15	95.34	91.81	88.53	81.84	73.92	67.00	-
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.47	86.24	78.16	-
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	93.79	-
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	-
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	
L - Mullion Length																			

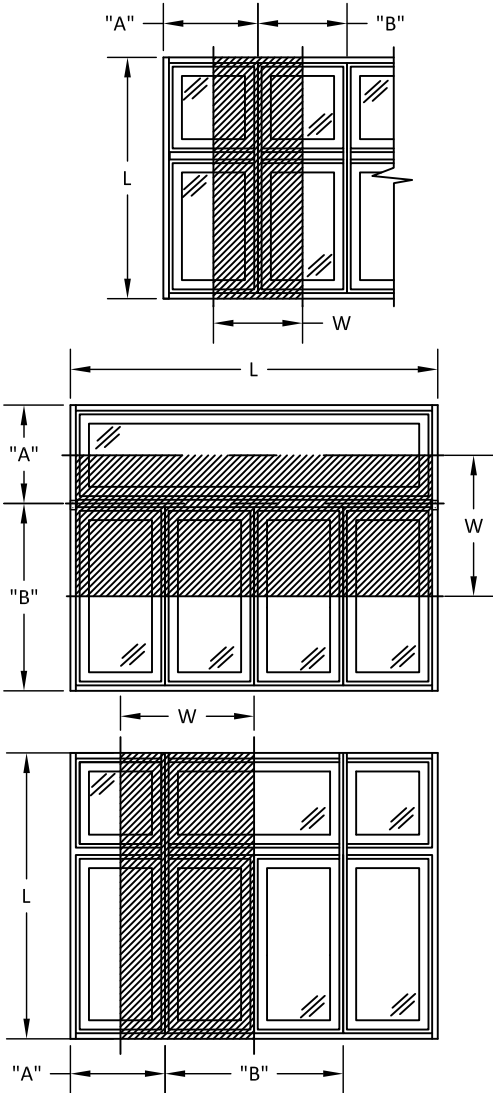
NOTE:

- 1) MULLION CHART APPLIES TO GROUP V, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY

GUSSET INSTALLATION TO WOOD OR METAL STUD
- 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

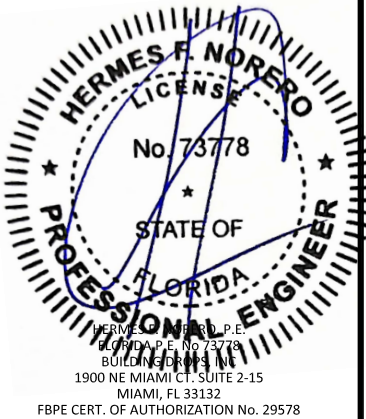
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP V 6-9/16" TWO WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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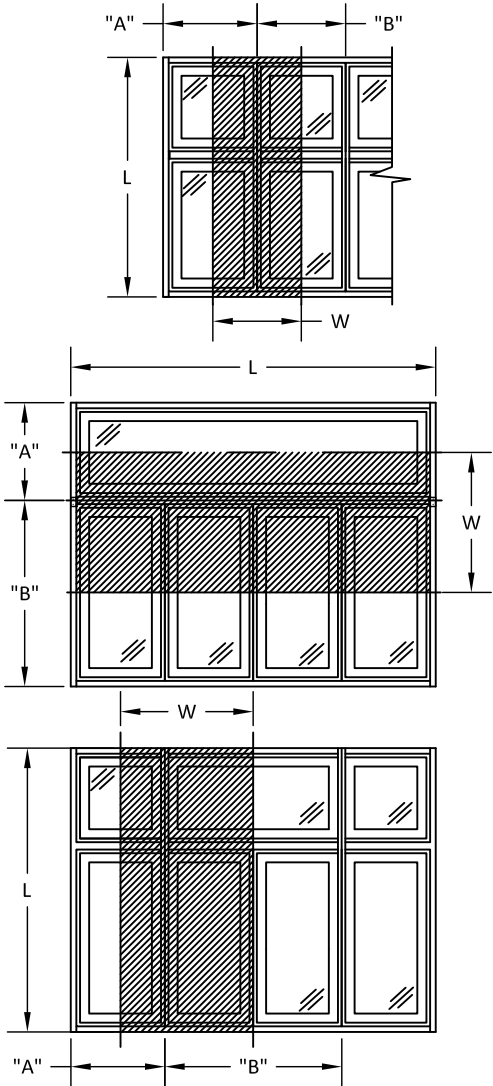
FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

18

Group VI 6-9/16" Two Way Load Table																		
TRIBUTARY WIDTH = A+B/2	124	37.32	34.98	32.93	31.10	29.46	27.99	26.65	25.44	24.34	23.32	22.39	21.53	20.73	-	-	-	-
	120	38.56	36.15	34.02	32.13	30.44	28.92	27.54	26.29	25.15	24.10	23.14	22.25	21.42	20.66	-	-	-
	116	39.89	37.40	35.20	33.24	31.49	29.92	28.49	27.20	26.01	24.93	23.93	23.01	22.16	21.37	-	-	-
	112	41.31	38.73	36.45	34.43	32.62	30.99	29.51	28.17	26.94	25.82	24.79	23.84	22.95	22.13	20.86	-	-
	108	42.84	40.17	37.80	35.70	33.82	32.13	30.60	29.21	27.94	26.78	25.71	24.72	23.80	22.95	21.63	-	-
	104	44.49	41.71	39.26	37.08	35.13	33.37	31.78	30.34	29.02	27.81	26.70	25.67	24.72	23.84	22.46	20.29	-
	100	46.27	43.38	40.83	38.56	36.53	34.70	33.05	31.55	30.18	28.92	27.76	26.70	25.71	24.79	23.36	21.10	-
	96	48.20	45.19	42.53	40.17	38.05	36.15	34.43	32.86	31.43	30.13	28.92	27.81	26.78	25.82	24.33	21.98	-
	92	50.30	47.15	44.38	41.91	39.71	37.72	35.93	34.29	32.80	31.43	30.18	29.02	27.94	26.94	25.39	22.94	20.79
	88	52.58	49.30	46.40	43.82	41.51	39.44	37.56	35.85	34.29	32.86	31.55	30.34	29.21	28.17	26.55	23.98	21.73
	84	55.09	51.64	48.61	45.90	43.49	41.31	39.35	37.56	35.93	34.43	33.05	31.78	30.60	29.51	27.81	25.12	22.77
	80	57.84	54.23	51.04	48.20	45.66	43.38	41.31	39.44	37.72	36.15	34.70	33.37	32.13	30.99	29.20	26.38	23.91
	76	60.88	57.08	53.72	50.74	48.07	45.66	43.49	41.51	39.71	38.05	36.53	35.13	33.82	32.62	30.74	27.77	25.17
	72	64.27	60.25	56.71	53.56	50.74	48.20	45.90	43.82	41.91	40.17	38.56	37.08	35.70	34.43	32.45	29.31	26.56
	68	68.05	63.79	60.04	56.71	53.72	51.04	48.61	46.40	44.38	42.53	40.83	39.26	37.80	36.45	34.36	31.03	28.13
	64	72.30	67.78	63.79	60.25	57.08	54.23	51.64	49.30	47.15	45.19	43.38	41.71	40.17	38.73	36.50	32.97	29.88
	60	77.12	72.30	68.05	64.27	60.88	57.84	55.09	52.58	50.30	48.20	46.27	44.49	42.84	41.31	38.94	35.17	31.88
	56	82.63	77.46	72.91	68.86	65.23	61.97	59.02	56.34	53.89	51.64	49.58	47.67	45.90	44.27	41.72	37.68	34.15
	52	88.98	83.42	78.52	74.15	70.25	66.74	63.56	60.67	58.03	55.62	53.39	51.34	49.44	47.67	44.93	40.58	36.78
	48	96.40	90.38	85.06	80.33	76.11	72.30	68.86	65.73	62.87	60.25	57.84	55.62	53.56	51.64	48.67	43.96	39.84
	44	100.00	98.59	92.79	87.64	83.02	78.87	75.12	71.70	68.58	65.73	63.10	60.67	58.42	56.34	53.09	47.96	43.47
	40	100.00	100.00	100.00	96.40	91.33	86.76	82.63	78.87	75.44	72.30	69.41	66.74	64.27	61.97	58.40	52.76	47.81
	36	100.00	100.00	100.00	100.00	100.00	96.40	91.81	87.64	83.83	80.33	77.12	74.15	71.41	68.86	64.89	58.62	53.13
	32	100.00	100.00	100.00	100.00	100.00	100.00	98.59	94.30	90.38	86.76	83.42	80.33	77.46	73.00	65.95	59.77	53.77
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.15	95.34	91.81	88.53	83.43	75.37	68.31
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	97.34	87.93	79.69
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	95.63
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP VI, 6-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO WOOD, METAL STUD, OR CONCRETE/MASONRY
 - GUSSET INSTALLATION TO WOOD OR METAL STUD
 - 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

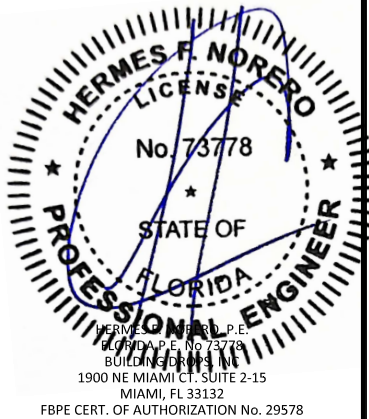
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP VI 6-9/16" TWO WAY
LOAD TABLE

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

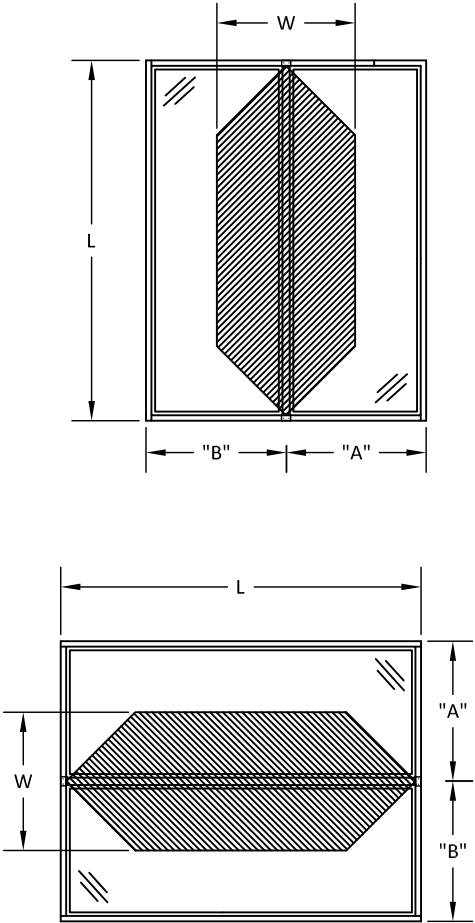
SCALE: NTS

DWG. #: AWD193

SHEET:
19

Group I 4-9/16" One Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	120	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	116	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	112	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	108	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	104	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	100	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.27	-	-	-	-	-	-
	96	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.22	22.31	-	-	-	-	-	-
	92	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.09	26.28	22.45	-	-	-	-	-	-
	88	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.14	31.16	26.45	22.68	-	-	-	-	-	-
	84	100.00	100.00	91.00	81.17	66.75	54.37	44.73	37.23	31.38	26.74	23.00	-	-	-	-	-	-
	80	100.00	100.00	91.00	81.17	66.75	54.37	44.86	37.52	31.76	27.16	23.43	20.38	-	-	-	-	-
	76	100.00	100.00	91.00	81.17	66.75	54.54	45.24	38.02	32.30	27.71	23.97	20.90	-	-	-	-	-
	72	100.00	100.00	91.00	81.17	66.98	55.06	45.90	38.72	33.01	28.41	24.64	21.53	-	-	-	-	-
	68	100.00	100.00	91.00	81.42	67.69	55.93	46.84	39.67	33.93	29.27	25.45	22.28	-	-	-	-	-
	64	100.00	100.00	91.31	82.18	68.89	57.20	48.09	40.87	35.06	30.32	26.42	23.18	20.45	-	-	-	-
	60	100.00	100.00	92.27	83.49	70.62	58.90	49.70	42.37	36.44	31.59	27.58	24.24	21.42	-	-	-	-
	56	100.00	100.00	93.92	85.38	72.97	61.10	51.73	44.22	38.13	33.12	28.97	25.50	22.57	20.07	-	-	-
	52	100.00	100.00	96.33	87.95	76.01	63.87	54.24	46.49	40.17	34.96	30.63	27.00	23.93	21.31	-	-	-
	48	100.00	100.00	99.61	91.31	79.88	67.34	57.34	49.26	42.65	37.19	32.63	28.80	25.55	22.78	20.40	-	-
	44	100.00	100.00	100.00	95.63	84.78	71.68	61.18	52.67	45.68	39.89	35.05	30.98	27.51	24.55	22.00	-	-
	40	100.00	100.00	100.00	100.00	90.97	77.11	65.97	56.89	49.43	43.22	38.03	33.64	29.90	26.71	23.95	21.57	-
	36	100.00	100.00	100.00	100.00	98.86	83.99	71.99	62.19	54.11	47.38	41.73	36.95	32.87	29.38	26.37	23.76	21.48
	32	100.00	100.00	100.00	100.00	100.00	92.84	79.71	68.96	60.07	52.66	46.42	41.14	36.63	32.76	29.42	26.52	24.00
	28	100.00	100.00	100.00	100.00	100.00	100.00	89.83	77.82	67.86	59.54	52.54	46.59	41.52	37.15	33.38	30.11	27.25
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	89.80	78.38	68.83	60.78	53.94	48.09	43.06	38.71	34.92	31.62
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	93.27	81.97	72.42	64.30	57.36	51.38	46.20	41.70	37.77
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.00	79.95	71.34	63.93	57.51	51.92	47.03
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP I, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO CONCRETE/MASONRY
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

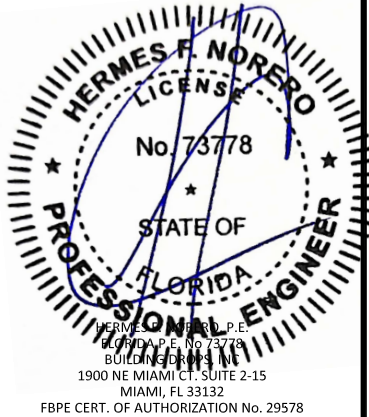
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP I 4-9/16" ONE WAY
LOAD TABLE, L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
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FL #:

FL15922

DATE: 10.06.17

DWG. BY: HR CHK. BY: HFN

SCALE: NTS

DWG. #: AWD193

SHEET:

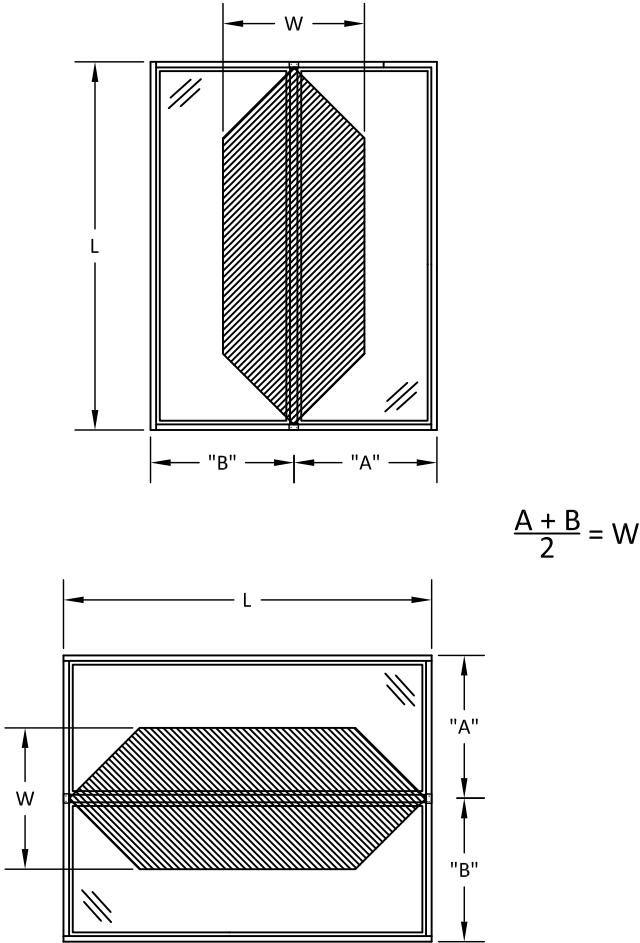
20

Group II 4-9/16" One Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	120	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	116	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	112	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	108	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	104	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	20.99	-	-	-	-	-
	100	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.55	21.02	-	-	-	-	-
	96	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.91	24.60	21.14	-	-	-	-	-
	92	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.27	28.97	24.75	21.34	-	-	-	-	-
	88	100.00	100.00	91.00	81.17	72.85	59.94	49.31	40.94	34.35	29.16	25.00	21.62	-	-	-	-	-
	84	100.00	100.00	91.00	81.17	72.85	59.94	49.31	41.04	34.60	29.48	25.36	21.99	-	-	-	-	-
	80	100.00	100.00	91.00	81.17	72.85	59.94	49.45	41.37	35.01	29.94	25.83	22.46	-	-	-	-	-
	76	100.00	100.00	91.00	81.17	72.85	60.13	49.88	41.91	35.61	30.55	26.43	23.04	20.22	-	-	-	-
	72	100.00	100.00	91.00	81.17	73.05	60.70	50.60	42.69	36.40	31.32	27.16	23.73	20.87	-	-	-	-
	68	100.00	100.00	91.00	81.42	73.66	61.66	51.63	43.73	37.40	32.27	28.06	24.56	21.64	-	-	-	-
	64	100.00	100.00	91.31	82.18	74.71	63.06	53.02	45.05	38.65	33.43	29.13	25.55	22.54	20.00	-	-	-
	60	100.00	100.00	92.27	83.49	76.23	64.94	54.80	46.71	40.17	34.83	30.41	26.72	23.61	20.98	-	-	-
	56	100.00	100.00	93.92	85.38	78.27	67.36	57.03	48.75	42.03	36.51	31.94	28.11	24.88	22.13	-	-	-
	52	100.00	100.00	96.33	87.95	80.92	70.41	59.80	51.25	44.28	38.54	33.77	29.76	26.38	23.49	21.01	-	-
	48	100.00	100.00	99.61	91.31	84.29	74.24	63.22	54.31	47.02	41.00	35.97	31.75	28.17	25.11	22.49	20.22	-
	44	100.00	100.00	100.00	95.63	88.55	79.02	67.45	58.06	50.36	43.98	38.64	34.15	30.33	27.06	24.25	21.82	-
	40	100.00	100.00	100.00	100.00	93.92	85.01	72.72	62.72	54.49	47.65	41.92	37.08	32.97	29.44	26.41	23.78	21.49
	36	100.00	100.00	100.00	100.00	100.00	92.59	79.36	68.56	59.65	52.23	46.00	40.73	36.24	32.39	29.07	26.19	23.68
	32	100.00	100.00	100.00	100.00	100.00	100.00	87.87	76.02	66.22	58.05	51.18	45.35	40.38	36.12	32.44	29.24	26.45
	28	100.00	100.00	100.00	100.00	100.00	100.00	99.03	85.78	74.81	65.64	57.92	51.37	45.77	40.96	36.80	33.19	30.04
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.99	86.41	75.88	67.00	59.46	53.01	47.47	42.67	38.50	34.86
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.36	79.83	70.89	63.23	56.64	50.94	45.97	41.64
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.22	88.13	78.65	70.47	63.40	57.24	51.85
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
L - Mullion Length																		

NOTE:

- 1) MULLION CHART APPLIES TO GROUP II, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

• L-BRACKET INSTALLATION TO CONCRETE/MASONRY
- 6) TRIBUTARY WIDTH = W = (A+B)/2



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP II 4-9/16" ONE WAY
LOAD TABLE L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

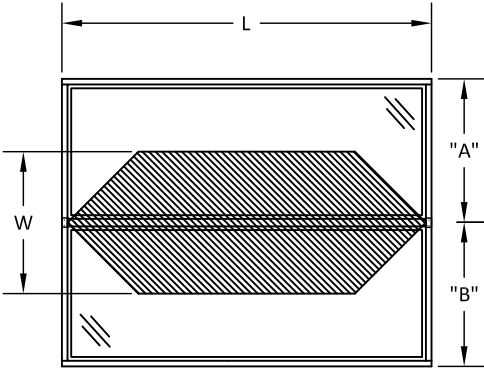
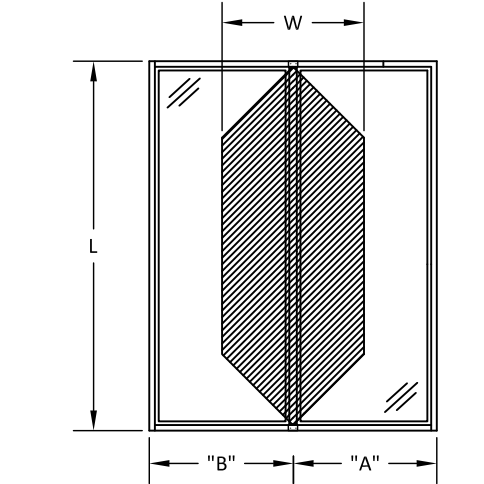
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

Group III 4-9/16" One Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	120	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	116	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	112	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	108	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.40	-	-	-	-
	104	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.72	20.43	-	-	-	-
	100	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.75	23.77	20.54	-	-	-	-
	96	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.67	27.81	23.90	20.72	-	-	-	-
	92	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.74	32.74	27.97	24.12	20.97	-	-	-	-
	88	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.28	38.83	32.96	28.26	24.44	21.30	-	-	-	-
	84	100.00	100.00	91.00	81.17	72.85	65.75	55.74	46.40	39.11	33.32	28.66	24.86	21.72	-	-	-	-
	80	100.00	100.00	91.00	81.17	72.85	65.75	55.90	46.76	39.58	33.84	29.20	25.39	22.24	-	-	-	-
	76	100.00	100.00	91.00	81.17	72.85	65.91	56.38	47.37	40.25	34.53	29.87	26.04	22.85	20.18	-	-	-
	72	100.00	100.00	91.00	81.17	73.05	66.41	57.19	48.25	41.14	35.40	30.70	26.83	23.59	20.86	-	-	-
	68	100.00	100.00	91.00	81.42	73.66	67.26	58.36	49.43	42.28	36.47	31.71	27.76	24.46	21.67	-	-	-
	64	100.00	100.00	91.31	82.18	74.71	68.48	59.93	50.93	43.69	37.79	32.92	28.88	25.48	22.61	20.16	-	-
	60	100.00	100.00	92.27	83.49	76.23	70.13	61.94	52.80	45.41	39.37	34.37	30.20	26.69	23.71	21.17	-	-
	56	100.00	100.00	93.92	85.38	78.27	72.25	64.46	55.11	47.51	41.27	36.10	31.77	28.12	25.01	22.35	20.06	-
	52	100.00	100.00	96.33	87.95	80.92	74.92	67.59	57.93	50.06	43.57	38.17	33.64	29.81	26.55	23.75	21.34	-
	48	100.00	100.00	99.61	91.31	84.29	78.27	71.46	61.39	53.15	46.34	40.66	35.89	31.84	28.38	25.42	22.85	20.62
	44	100.00	100.00	100.00	95.63	88.55	82.44	76.24	65.63	56.93	49.71	43.68	38.60	34.28	30.59	27.42	24.67	22.28
	40	100.00	100.00	100.00	100.00	93.92	87.66	82.18	70.89	61.59	53.86	47.39	41.92	37.26	33.28	29.85	26.88	24.29
	36	100.00	100.00	100.00	100.00	100.00	94.26	88.55	77.50	67.42	59.04	52.00	46.04	40.96	36.61	32.86	29.61	26.77
	32	100.00	100.00	100.00	100.00	100.00	100.00	96.68	85.93	74.86	65.62	57.85	51.26	45.65	40.83	36.67	33.05	29.90
	28	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.97	84.56	74.20	65.47	58.06	51.74	46.30	41.60	37.52	33.96
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	97.68	85.78	75.74	67.21	59.92	53.66	48.23	43.52	39.40
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	90.24	80.13	71.47	64.02	57.58	51.97
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.62	88.90	79.66	71.66	64.70	58.61
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP III, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
 - L-BRACKET INSTALLATION TO CONCRETE/MASONRY
 - 6) TRIBUTARY WIDTH = W = (A+B)/2



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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP III 4-9/16" ONE WAY
LOAD TABLE, L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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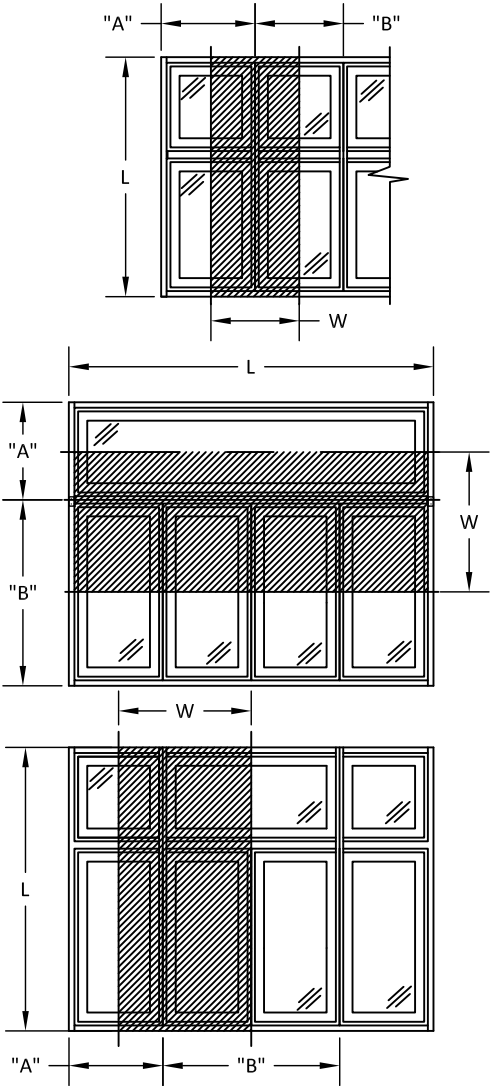


FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	22

Group I 4-9/16" Two Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	28.28	26.51	24.95	23.56	22.32	21.21	-	-	-	-	-	-	-	-	-	-	-
	120	29.22	27.39	25.78	24.35	23.07	21.92	20.04	-	-	-	-	-	-	-	-	-	-
	116	30.23	28.34	26.67	25.19	23.86	22.67	20.73	-	-	-	-	-	-	-	-	-	-
	112	31.31	29.35	27.62	26.09	24.72	23.48	21.47	-	-	-	-	-	-	-	-	-	-
	108	32.47	30.44	28.65	27.06	25.63	24.35	22.27	-	-	-	-	-	-	-	-	-	-
	104	33.72	31.61	29.75	28.10	26.62	25.29	23.12	20.11	-	-	-	-	-	-	-	-	-
	100	35.06	32.87	30.94	29.22	27.68	26.30	24.05	20.91	-	-	-	-	-	-	-	-	-
	96	36.53	34.24	32.23	30.44	28.84	27.39	25.05	21.79	-	-	-	-	-	-	-	-	-
	92	38.11	35.73	33.63	31.76	30.09	28.58	26.14	22.73	-	-	-	-	-	-	-	-	-
	88	39.85	37.36	35.16	33.20	31.46	29.88	27.33	23.77	20.80	-	-	-	-	-	-	-	-
	84	41.74	39.13	36.83	34.79	32.95	31.31	28.63	24.90	21.79	-	-	-	-	-	-	-	-
	80	43.83	41.09	38.67	36.53	34.60	32.87	30.06	26.14	22.88	20.14	-	-	-	-	-	-	-
	76	46.14	43.25	40.71	38.45	36.42	34.60	31.64	27.52	24.08	21.20	-	-	-	-	-	-	-
	72	48.70	45.66	42.97	40.58	38.45	36.53	33.40	29.05	25.42	22.37	-	-	-	-	-	-	-
	68	51.56	48.34	45.50	42.97	40.71	38.67	35.36	30.76	26.92	23.69	20.96	-	-	-	-	-	-
	64	54.79	51.36	48.34	45.66	43.25	41.09	37.57	32.68	28.60	25.17	22.27	-	-	-	-	-	-
	60	58.44	54.79	51.56	48.70	46.14	43.83	40.08	34.86	30.51	26.85	23.75	21.12	-	-	-	-	-
	56	62.61	58.70	55.25	52.18	49.43	46.96	42.94	37.35	32.69	28.77	25.45	22.63	20.20	-	-	-	-
	52	67.43	63.22	59.50	56.19	53.23	50.57	46.24	40.22	35.20	30.98	27.41	24.37	21.76	-	-	-	-
	48	73.05	68.48	64.46	60.88	57.67	54.79	50.10	43.57	38.13	33.56	29.69	26.40	23.57	21.14	-	-	-
	44	79.69	74.71	70.32	66.41	62.91	59.77	54.65	47.53	41.60	36.61	32.39	28.80	25.71	23.06	20.75	-	-
	40	87.66	82.18	77.35	73.05	69.21	65.75	60.12	52.29	45.76	40.27	35.63	31.68	28.29	25.36	22.83	20.62	-
	36	97.40	91.31	85.94	81.17	76.89	73.05	66.80	58.10	50.84	44.75	39.59	35.20	31.43	28.18	25.36	22.91	20.77
	32	100.00	100.00	96.68	91.31	86.51	82.18	75.15	65.36	57.20	50.34	44.54	39.60	35.36	31.70	28.54	25.78	23.36
	28	100.00	100.00	100.00	100.00	98.86	93.92	85.88	74.70	65.37	57.53	50.90	45.25	40.41	36.23	32.61	29.46	26.70
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	87.15	76.27	67.12	59.39	52.79	47.14	42.27	38.05	34.37	31.15
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	91.52	80.55	71.26	63.35	56.57	50.72	45.66	41.24	37.38
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	89.08	79.19	70.71	63.41	57.07	51.55	46.72
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

- NOTE:
- 1) MULLION CHART APPLIES TO GROUP I, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T',CONFIGURATIONS.
 - 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
 - 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
 - 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
 - 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
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 - 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

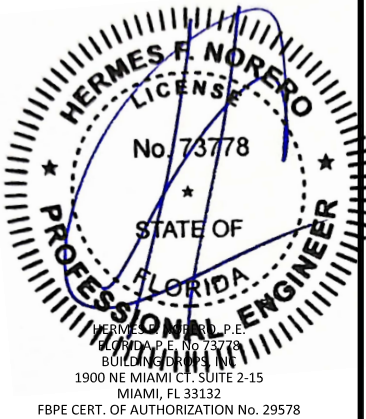
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP I 4-9/16" TWO WAY
LOAD TABLE, L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:
FL15922

DATE: 10.06.17

DWG. BY: HR
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD193

SHEET:
23

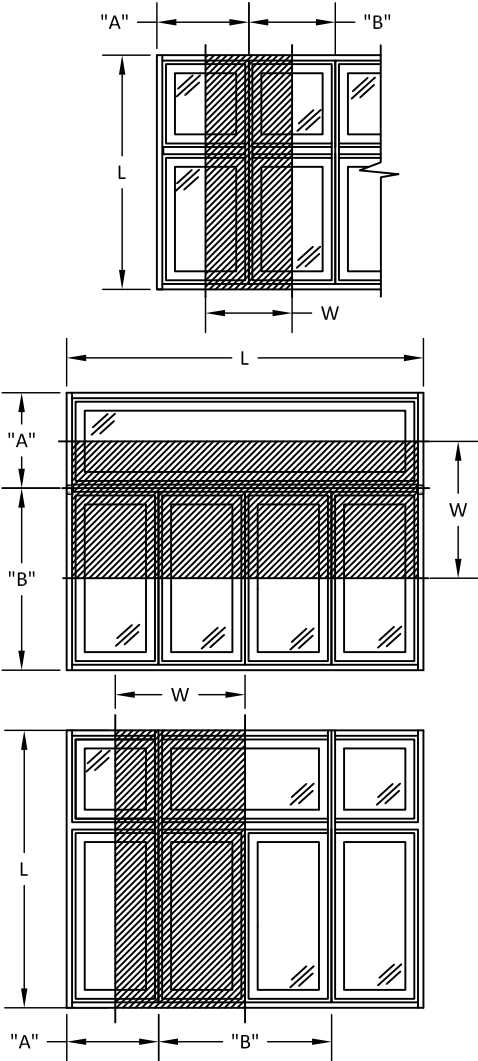
Group II 4-9/16" Two Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	28.28	26.51	24.95	23.56	22.32	21.21	20.20	-	-	-	-	-	-	-	-	-	-
	120	29.22	27.39	25.78	24.35	23.07	21.92	20.87	-	-	-	-	-	-	-	-	-	-
	116	30.23	28.34	26.67	25.19	23.86	22.67	21.59	-	-	-	-	-	-	-	-	-	-
	112	31.31	29.35	27.62	26.09	24.72	23.48	22.36	20.59	-	-	-	-	-	-	-	-	-
	108	32.47	30.44	28.65	27.06	25.63	24.35	23.19	21.35	-	-	-	-	-	-	-	-	-
	104	33.72	31.61	29.75	28.10	26.62	25.29	24.08	22.17	-	-	-	-	-	-	-	-	-
	100	35.06	32.87	30.94	29.22	27.68	26.30	25.05	23.06	20.18	-	-	-	-	-	-	-	-
	96	36.53	34.24	32.23	30.44	28.84	27.39	26.09	24.02	21.02	-	-	-	-	-	-	-	-
	92	38.11	35.73	33.63	31.76	30.09	28.58	27.22	25.06	21.93	-	-	-	-	-	-	-	-
	88	39.85	37.36	35.16	33.20	31.46	29.88	28.46	26.20	22.93	20.18	-	-	-	-	-	-	-
	84	41.74	39.13	36.83	34.79	32.95	31.31	29.82	27.45	24.02	21.14	-	-	-	-	-	-	-
	80	43.83	41.09	38.67	36.53	34.60	32.87	31.31	28.82	25.22	22.20	-	-	-	-	-	-	-
	76	46.14	43.25	40.71	38.45	36.42	34.60	32.95	30.34	26.55	23.37	20.67	-	-	-	-	-	-
	72	48.70	45.66	42.97	40.58	38.45	36.53	34.79	32.02	28.03	24.67	21.82	-	-	-	-	-	-
	68	51.56	48.34	45.50	42.97	40.71	38.67	36.83	33.91	29.67	26.12	23.11	20.54	-	-	-	-	-
	64	54.79	51.36	48.34	45.66	43.25	41.09	39.13	36.03	31.53	27.75	24.55	21.83	-	-	-	-	-
	60	58.44	54.79	51.56	48.70	46.14	43.83	41.74	38.43	33.63	29.60	26.19	23.28	20.79	-	-	-	-
	56	62.61	58.70	55.25	52.18	49.43	46.96	44.72	41.17	36.03	31.71	28.06	24.94	22.27	-	-	-	-
	52	67.43	63.22	59.50	56.19	53.23	50.57	48.16	44.34	38.80	34.15	30.22	26.86	23.99	21.51	-	-	-
	48	73.05	68.48	64.46	60.88	57.67	54.79	52.18	48.03	42.04	37.00	32.73	29.10	25.99	23.30	20.97	-	-
	44	79.69	74.71	70.32	66.41	62.91	59.77	56.92	52.40	45.86	40.36	35.71	31.75	28.35	25.42	22.88	20.67	-
	40	87.66	82.18	77.35	73.05	69.21	65.75	62.61	57.64	50.45	44.40	39.28	34.92	31.18	27.96	25.17	22.73	20.60
	36	97.40	91.31	85.94	81.17	76.89	73.05	69.57	64.05	56.05	49.33	43.65	38.80	34.65	31.07	27.96	25.26	22.89
	32	100.00	100.00	96.68	91.31	86.51	82.18	78.27	72.05	63.06	55.50	49.10	43.65	38.98	34.95	31.46	28.42	25.75
	28	100.00	100.00	100.00	100.00	98.86	93.92	89.45	82.35	72.06	63.43	56.12	49.89	44.55	39.94	35.95	32.47	29.43
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	96.07	84.08	74.00	65.47	58.20	51.97	46.60	41.94	37.89
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	88.80	78.56	69.84	62.37	55.92	50.33	45.46	41.21
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	98.20	87.30	77.96	69.90	62.91	56.83	51.51
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

NOTE:

- 1) MULLION CHART APPLIES TO GROUP II, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/180.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

• L-BRACKET INSTALLATION TO CONCRETE/MASONRY
- 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

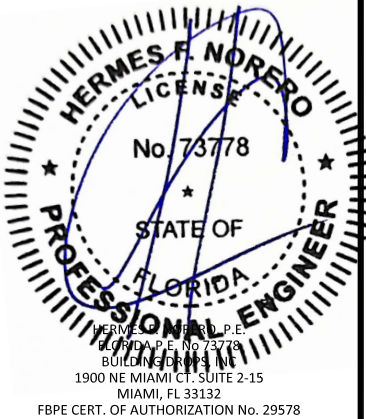
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GROUP II 4-9/16" TWO WAY
LOAD TABLE, L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	24

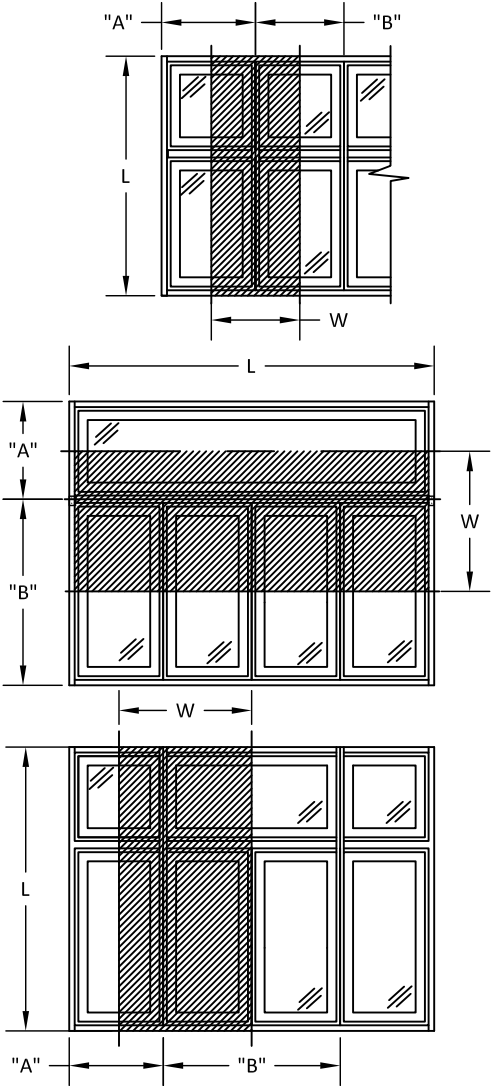
Group III 4-9/16" Two Way Load Table - L-Bracket - Concrete/Masonry Installations																		
TRIBUTARY WIDTH = A+B/2	124	28.28	26.51	24.95	23.56	22.32	21.21	20.20	-	-	-	-	-	-	-	-	-	-
	120	29.22	27.39	25.78	24.35	23.07	21.92	20.87	-	-	-	-	-	-	-	-	-	-
	116	30.23	28.34	26.67	25.19	23.86	22.67	21.59	20.61	-	-	-	-	-	-	-	-	-
	112	31.31	29.35	27.62	26.09	24.72	23.48	22.36	21.35	20.37	-	-	-	-	-	-	-	-
	108	32.47	30.44	28.65	27.06	25.63	24.35	23.19	22.14	21.12	-	-	-	-	-	-	-	-
	104	33.72	31.61	29.75	28.10	26.62	25.29	24.08	22.99	21.93	-	-	-	-	-	-	-	-
	100	35.06	32.87	30.94	29.22	27.68	26.30	25.05	23.91	22.81	20.07	-	-	-	-	-	-	-
	96	36.53	34.24	32.23	30.44	28.84	27.39	26.09	24.90	23.76	20.91	-	-	-	-	-	-	-
	92	38.11	35.73	33.63	31.76	30.09	28.58	27.22	25.99	24.79	21.82	-	-	-	-	-	-	-
	88	39.85	37.36	35.16	33.20	31.46	29.88	28.46	27.17	25.92	22.81	20.18	-	-	-	-	-	-
	84	41.74	39.13	36.83	34.79	32.95	31.31	29.82	28.46	27.15	23.90	21.14	-	-	-	-	-	-
	80	43.83	41.09	38.67	36.53	34.60	32.87	31.31	29.88	28.51	25.09	22.20	-	-	-	-	-	-
	76	46.14	43.25	40.71	38.45	36.42	34.60	32.95	31.46	30.01	26.41	23.37	20.78	-	-	-	-	-
	72	48.70	45.66	42.97	40.58	38.45	36.53	34.79	33.20	31.68	27.88	24.67	21.93	-	-	-	-	-
	68	51.56	48.34	45.50	42.97	40.71	38.67	36.83	35.16	33.54	29.52	26.12	23.22	20.73	-	-	-	-
	64	54.79	51.36	48.34	45.66	43.25	41.09	39.13	37.36	35.64	31.37	27.75	24.67	22.03	-	-	-	-
	60	58.44	54.79	51.56	48.70	46.14	43.83	41.74	39.85	38.01	33.46	29.60	26.32	23.50	21.07	-	-	-
	56	62.61	58.70	55.25	52.18	49.43	46.96	44.72	42.69	40.73	35.85	31.72	28.20	25.18	22.57	20.32	-	-
	52	67.43	63.22	59.50	56.19	53.23	50.57	48.16	45.98	43.86	38.61	34.16	30.36	27.11	24.31	21.88	-	-
	48	73.05	68.48	64.46	60.88	57.67	54.79	52.18	49.81	47.52	41.82	37.00	32.89	29.37	26.34	23.71	21.41	-
	44	79.69	74.71	70.32	66.41	62.91	59.77	56.92	54.33	51.84	45.62	40.37	35.89	32.04	28.73	25.86	23.36	21.17
	40	87.66	82.18	77.35	73.05	69.21	65.75	62.61	59.77	57.02	50.19	44.40	39.47	35.25	31.60	28.45	25.70	23.29
	36	97.40	91.31	85.94	81.17	76.89	73.05	69.57	66.41	63.36	55.76	49.34	43.86	39.16	35.12	31.61	28.55	25.88
	32	100.00	100.00	96.68	91.31	86.51	82.18	78.27	74.71	71.28	62.73	55.50	49.34	44.06	39.51	35.56	32.12	29.11
	28	100.00	100.00	100.00	100.00	98.86	93.92	89.45	85.38	81.46	71.70	63.43	56.39	50.35	45.15	40.64	36.71	33.27
	24	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.61	95.04	83.65	74.00	65.79	58.75	52.67	47.41	42.83	38.81
	20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	16	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124
		L - Mullion Length																

NOTE:

- 1) MULLION CHART APPLIES TO GROUP III, 4-9/16" LVL MULLION ASSEMBLIES, WHEN MULLED IN TWO-WAY, 'X' OR 'T', CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
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- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:

• L-BRACKET INSTALLATION TO CONCRETE/MASONRY
- 6) TRIBUTARY WIDTH = W = (A+B)/2

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



100 FOURTH AVE NORTH
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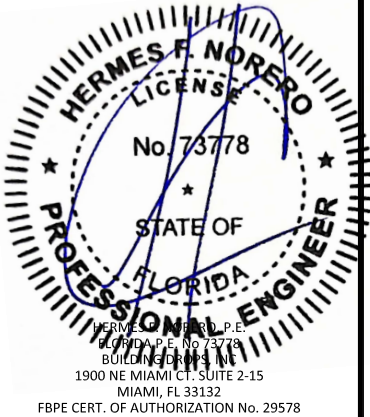
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
GROUP III 4-9/16" TWO WAY
LOAD TABLE, L-BRACKET
CONCRETE/MASONRY INSTALL.

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



REMARKS	BY	DATE
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7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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FL #:

FL15922

DATE: 10.06.17

DWG. BY: HR

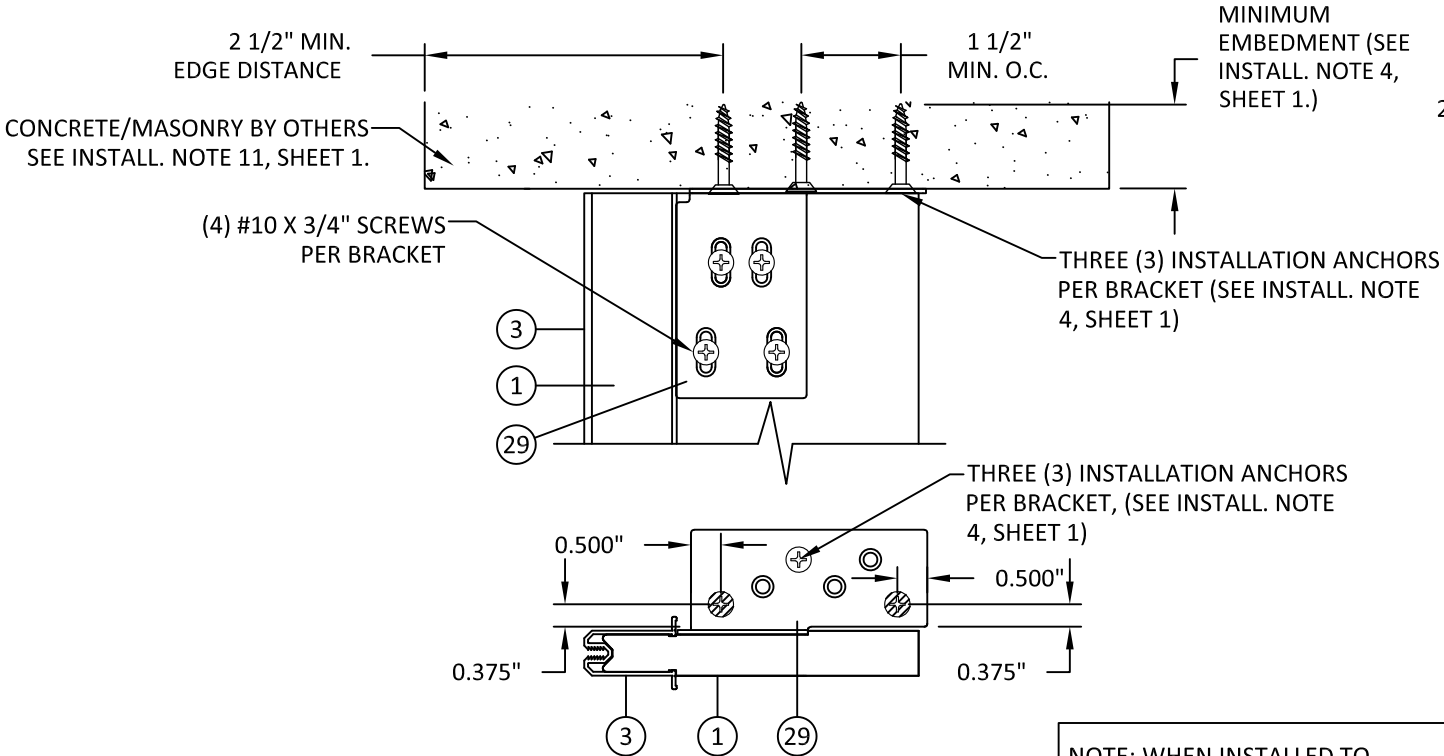
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD193

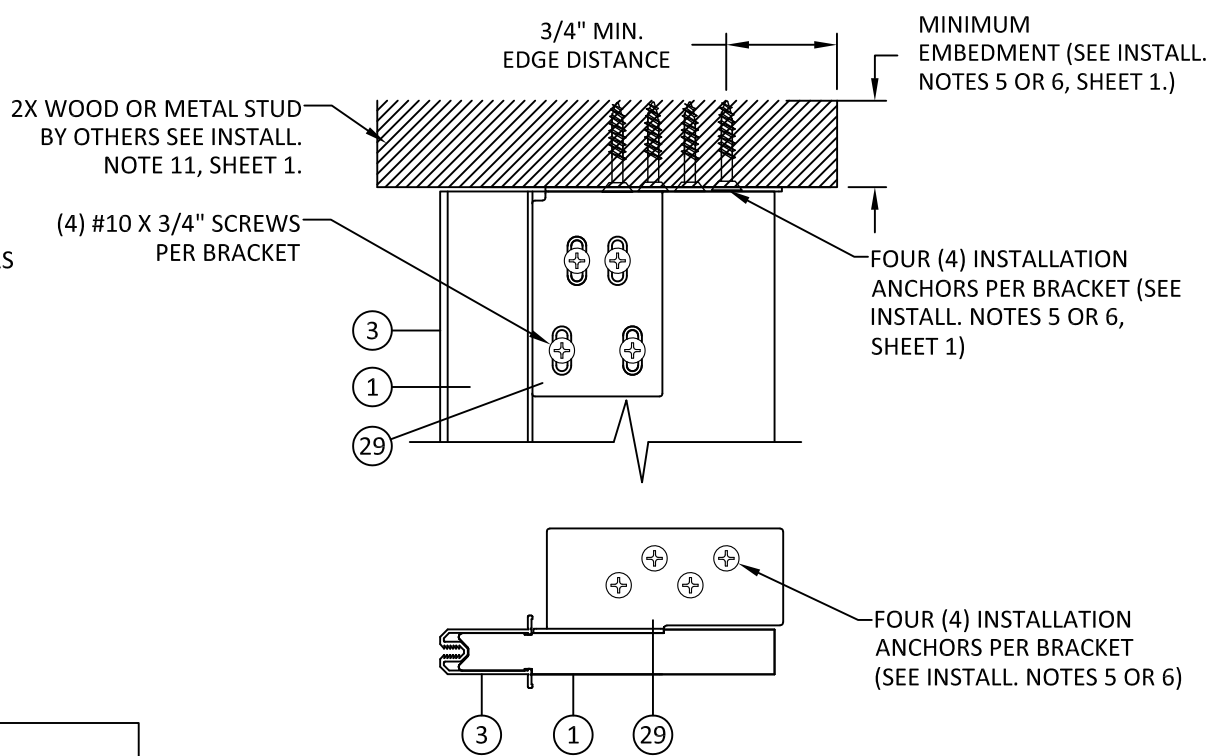
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25

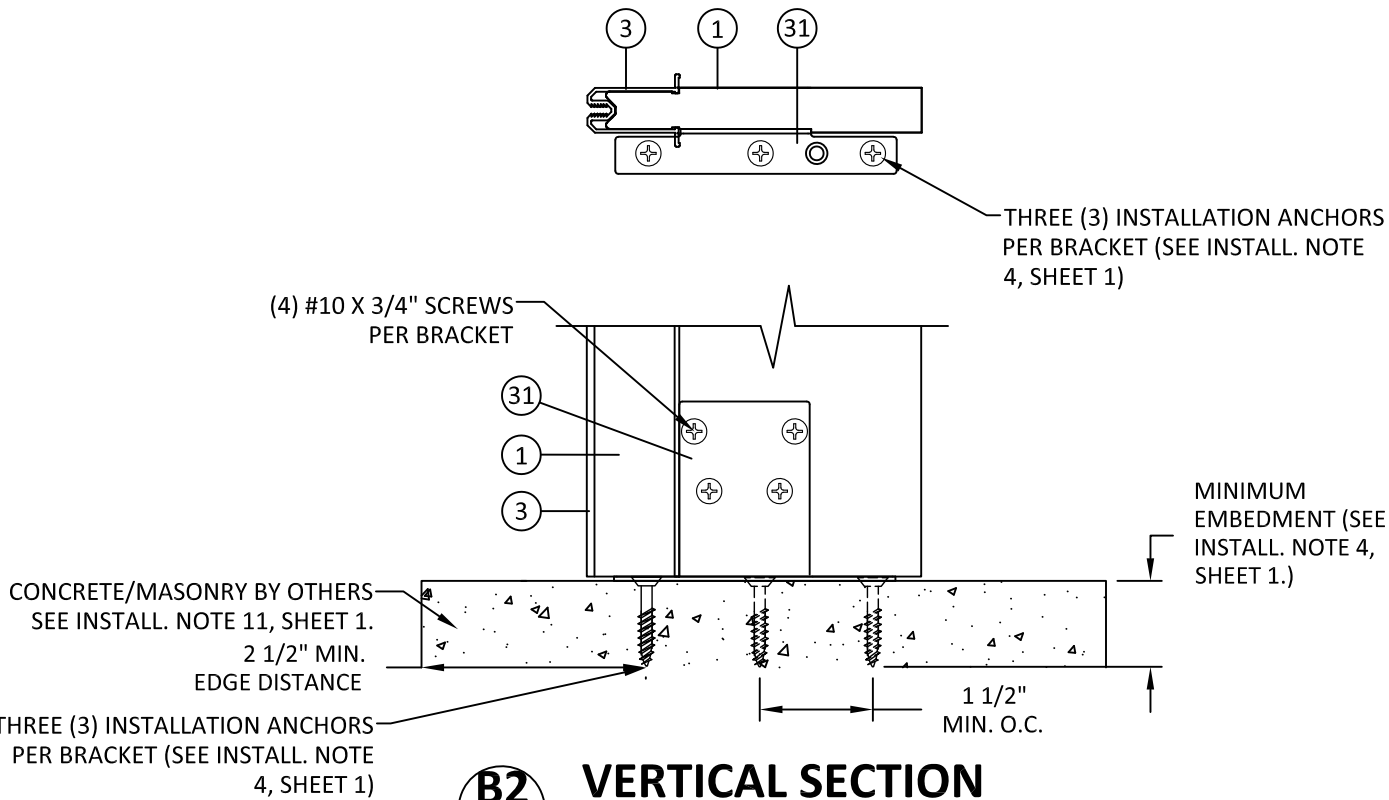


A2-26 VERTICAL SECTION
HEAD/JAMB - CONCRETE/MASONRY
4-9/16" MULLION

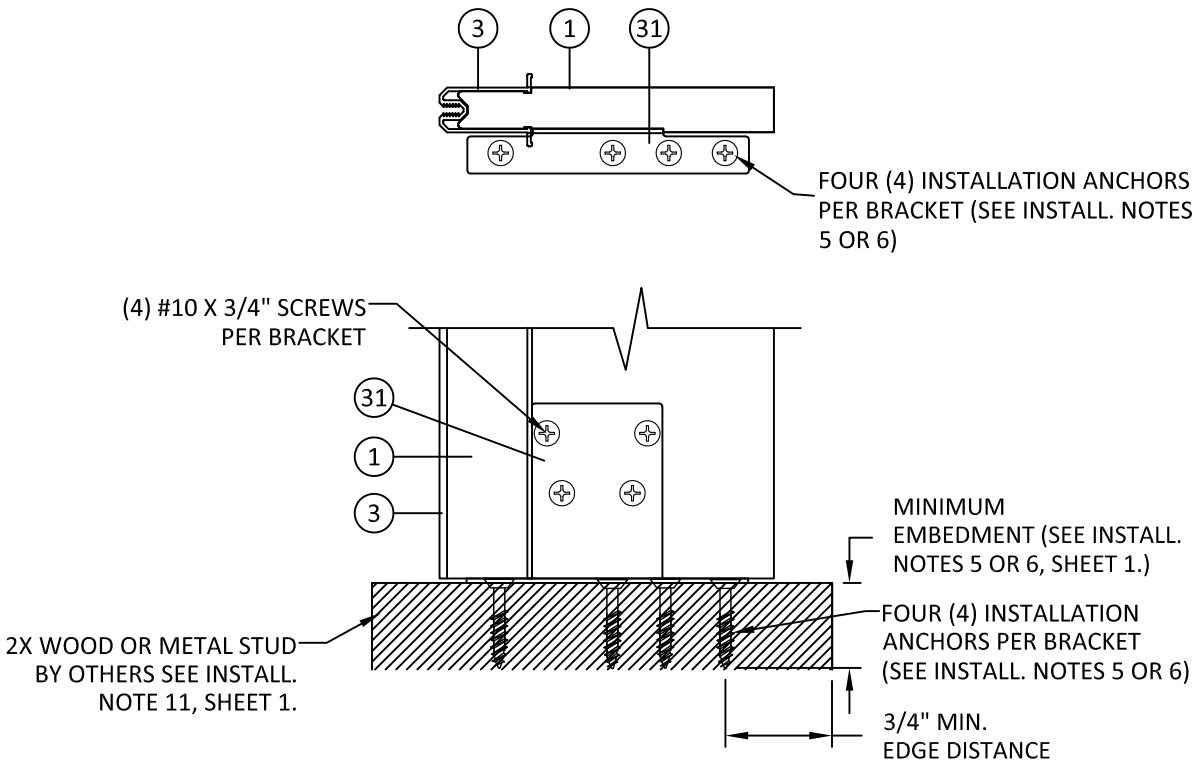
NOTE: WHEN INSTALLED TO CONCRETE/MASONRY SUBSTRATES, TWO (2) ADDITIONAL HOLES SHALL BE MADE AS INDICATED TO MAINTAIN MIN. O.C. DISTANCE.



C2-26 VERTICAL SECTION
HEAD/JAMB - 2X WOOD OR METAL STUD
4-9/16" MULLION



B2-26 VERTICAL SECTION
SILL - CONCRETE/MASONRY
4-9/16" MULLION



D2-26 VERTICAL SECTION
SILL - 2X WOOD OR METAL STUD
4-9/16" MULLION



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
4-9/16" MULL L-BRACKET
INSTALLATION DETAILS

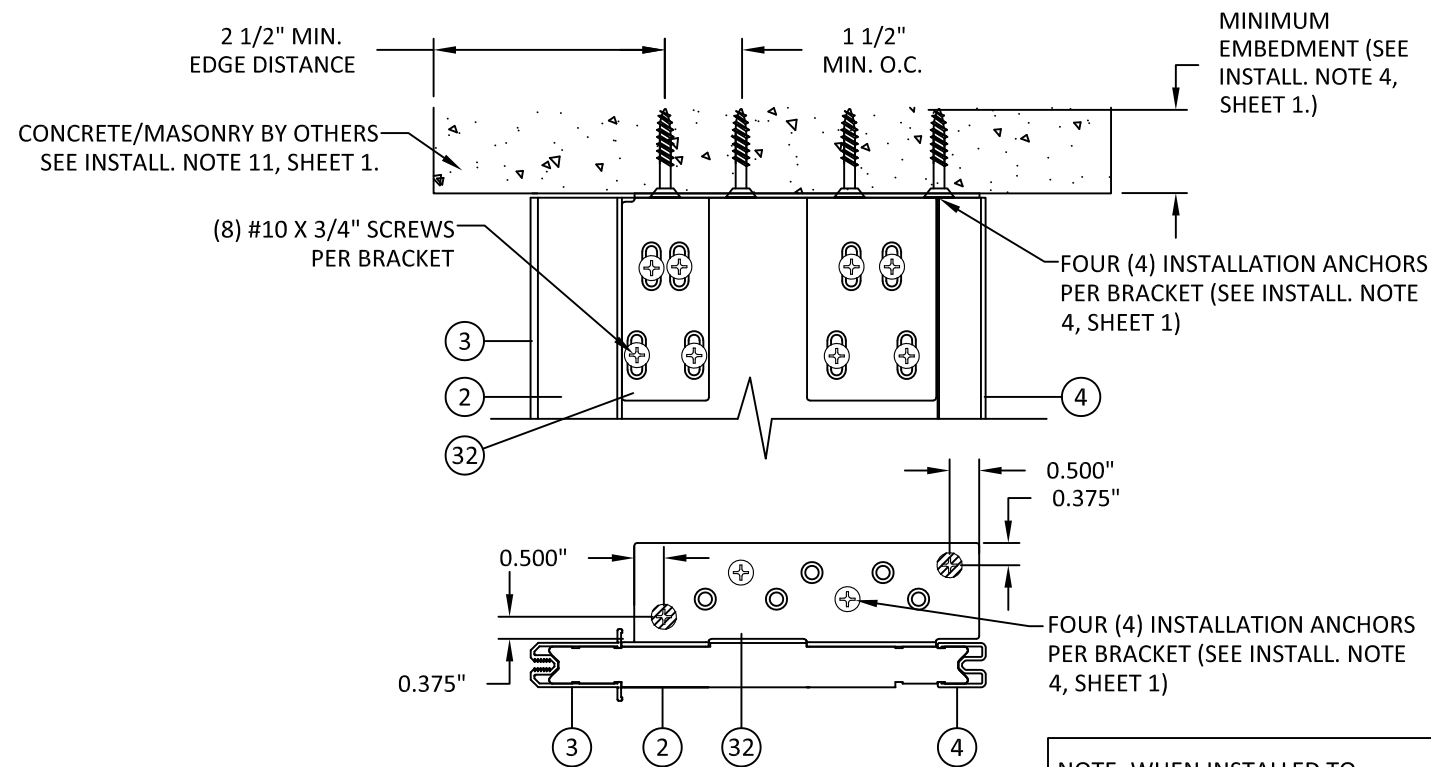
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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2023 CODE CHANGE	MS	10/19/23

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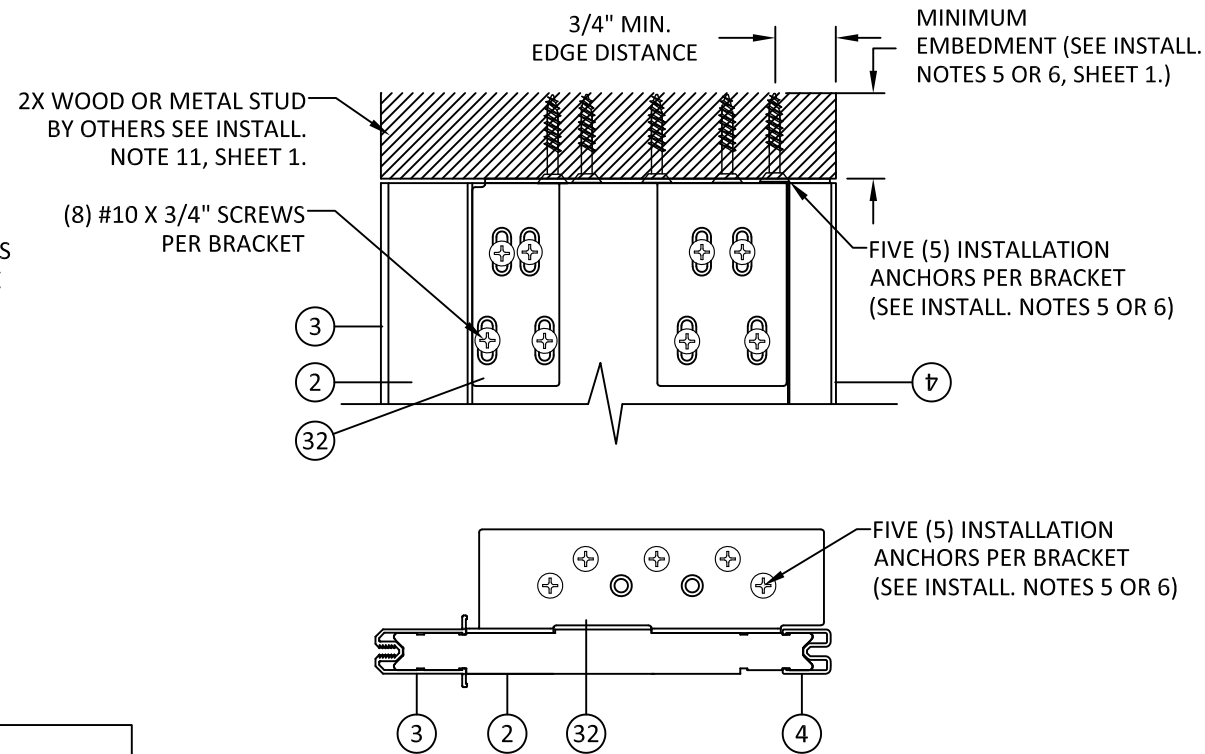


FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

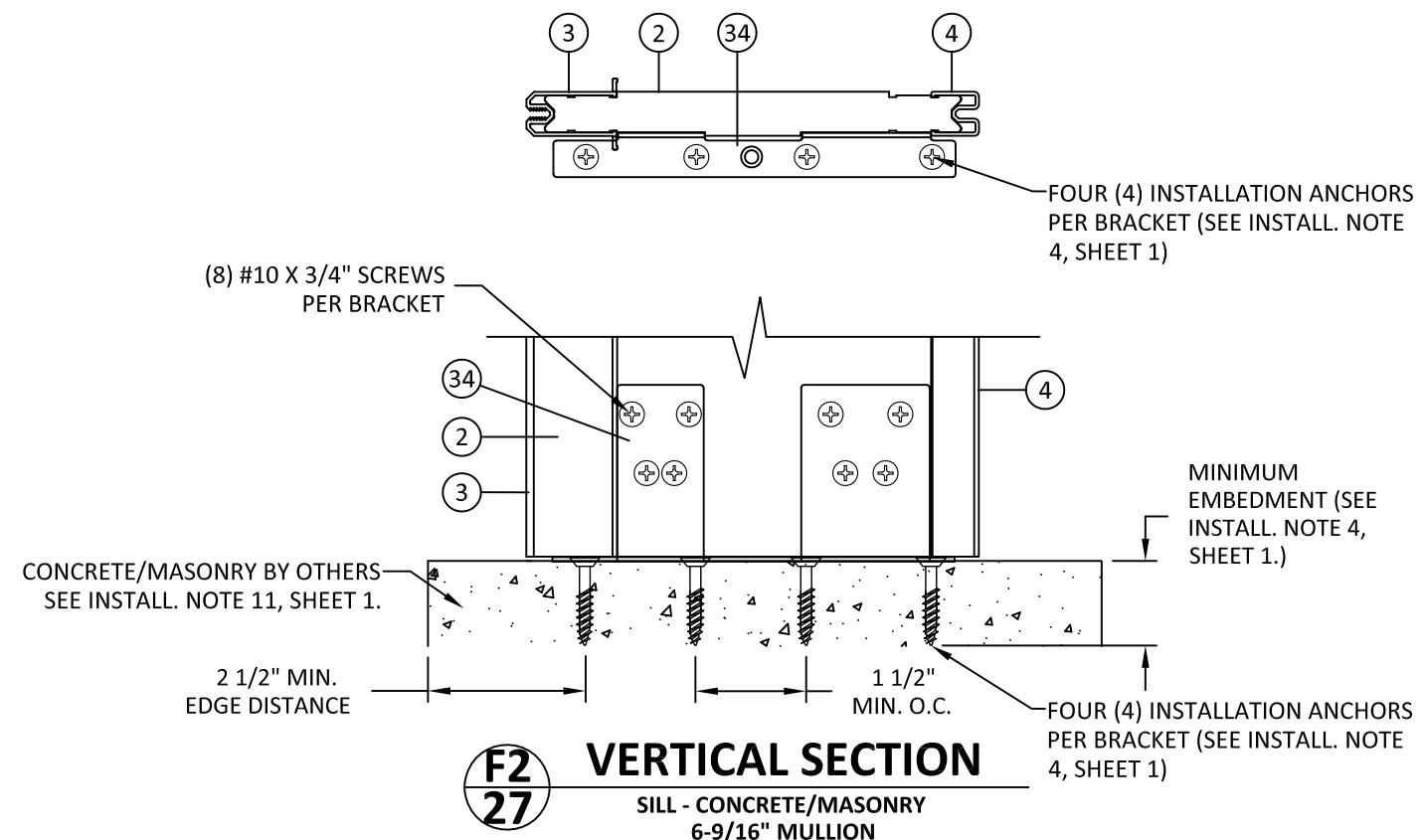


E2 27 VERTICAL SECTION
HEAD/JAMB - CONCRETE/MASONRY
6-9/16" MULLION

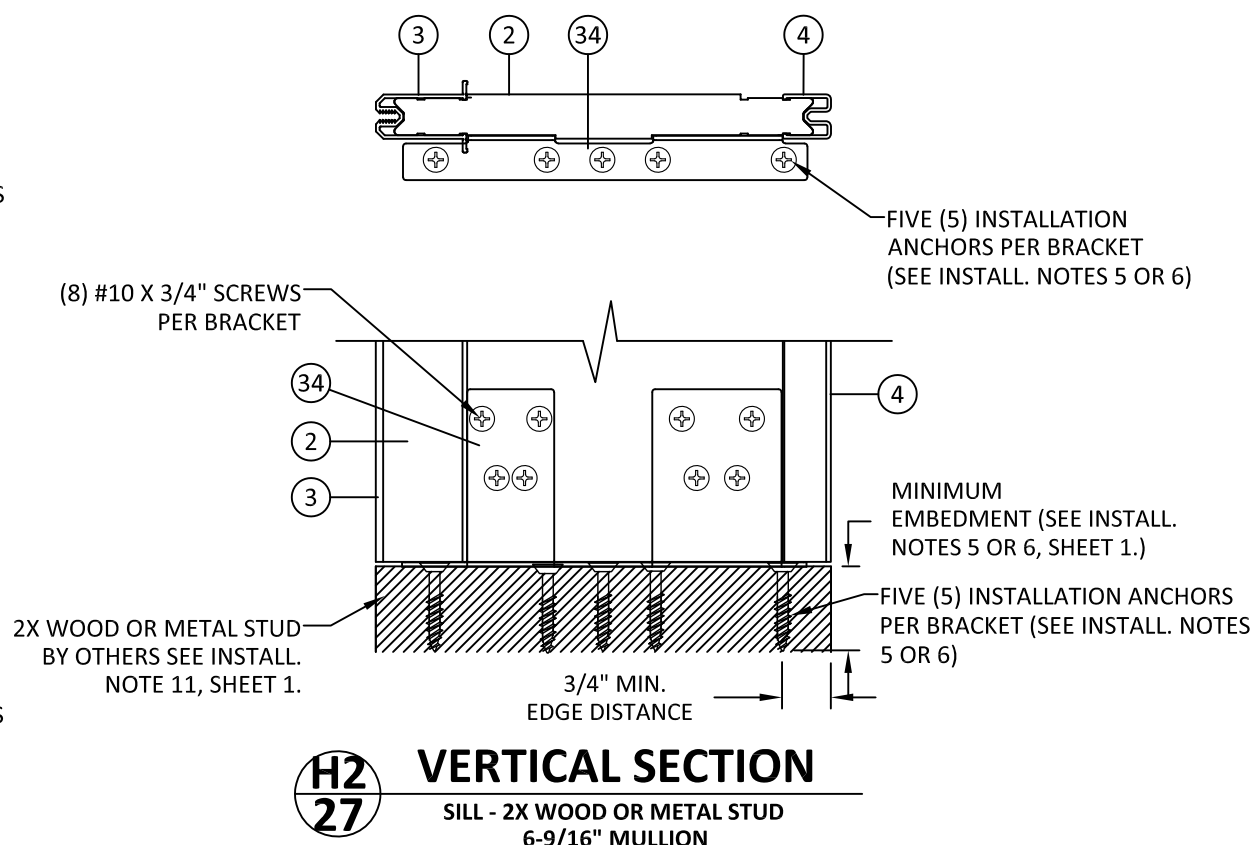
NOTE: WHEN INSTALLED TO CONCRETE/MASONRY SUBSTRATES, TWO (2) ADDITIONAL HOLES SHALL BE MADE AS INDICATED TO MAINTAIN MIN. O.C. DISTANCE.



G2 27 VERTICAL SECTION
HEAD/JAMB - 2X WOOD OR METAL STUD
6-9/16" LVL MULLION



F2 27 VERTICAL SECTION
SILL - CONCRETE/MASONRY
6-9/16" MULLION



H2 27 VERTICAL SECTION
SILL - 2X WOOD OR METAL STUD
6-9/16" MULLION



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
6-9/16" MULL L-BRACKET
INSTALLATION DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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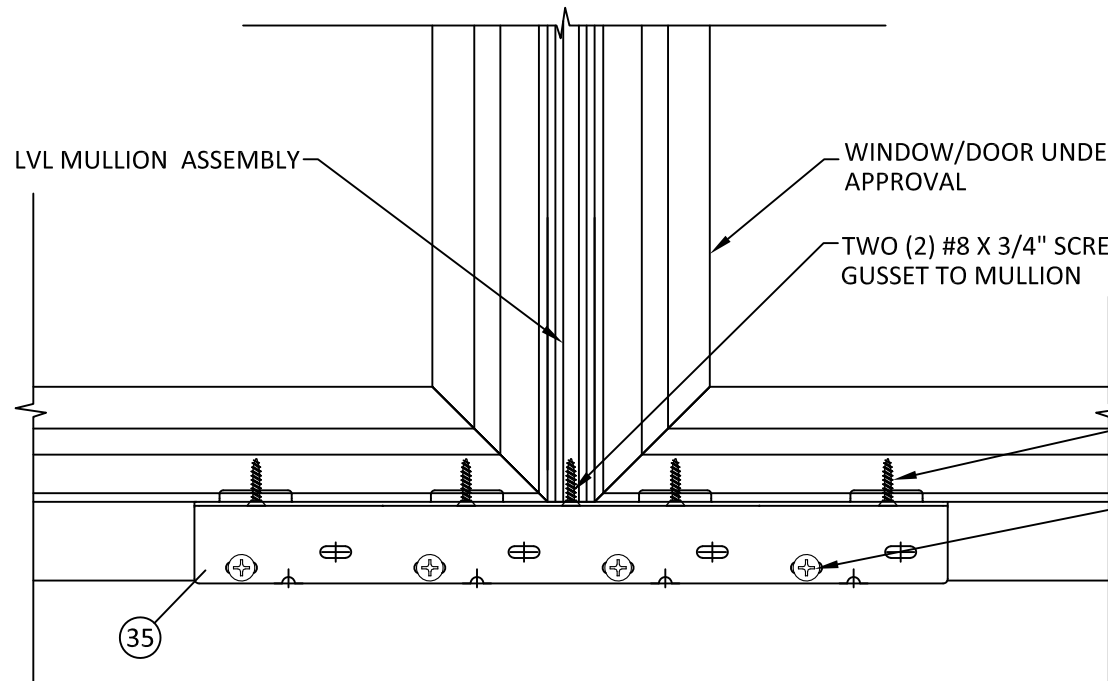
REMARKS	BY	DATE
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DWG. #:	AWD193
SHEET:	

27

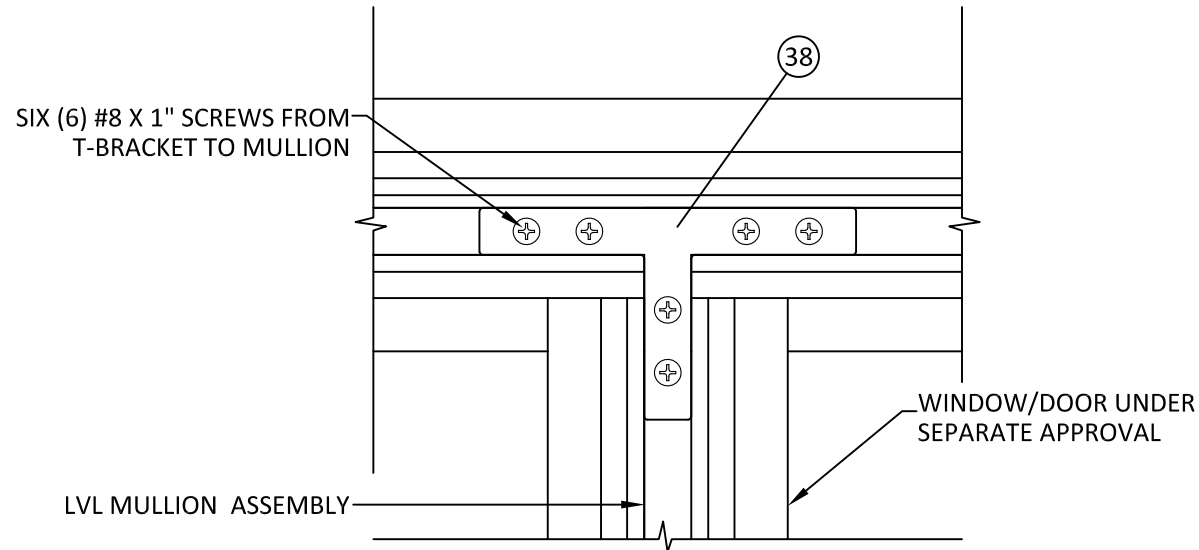


**12
28**

EXTERIOR VIEW

MULLION ANCHOR DETAIL
GUSSET INSTALLATION - TYP.

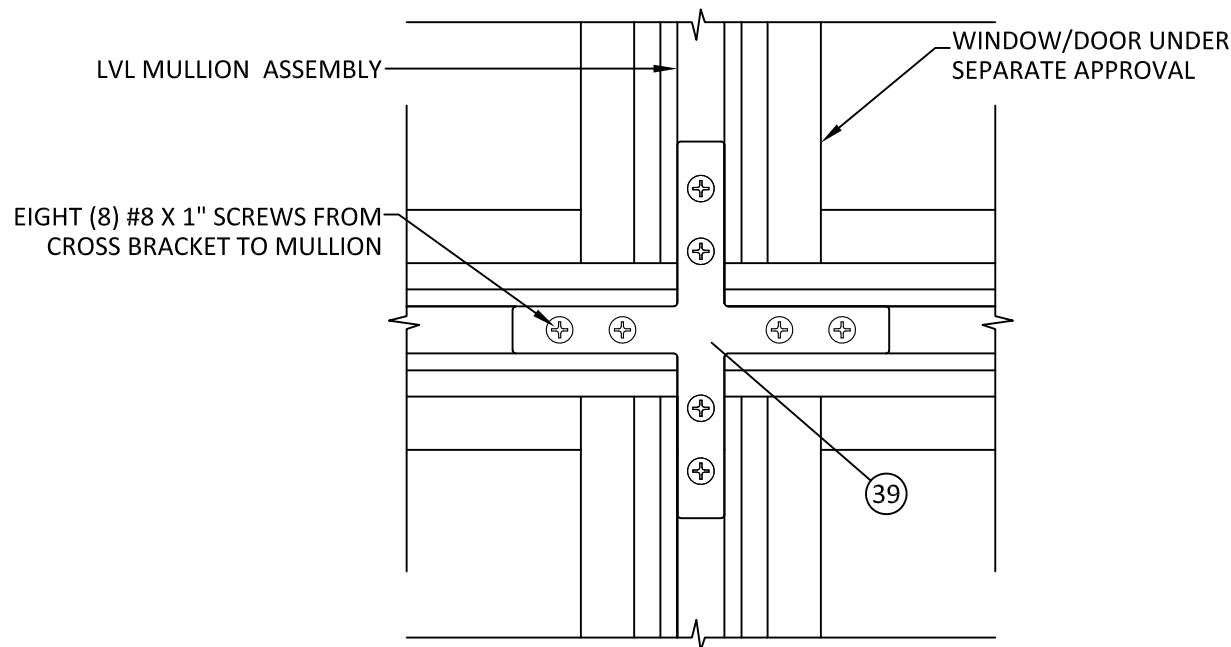
NOTE:
REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER GUSSET SELECTION. GUSSET SHALL BE MIN. 16 GA. THICKNESS, MIN. 10 IN. LENGTH, & SHALL BE ABLE TO ACCOMODATE MINIMUM NUMBER OF FASTENERS AS INDICATED HEREIN.



**J2
28**

INTERIOR VIEW

T-BRACKET ASSEMBLY - TYP.



**K2
28**

INTERIOR VIEW

CROSS BRACKET ASSEMBLY - TYP.



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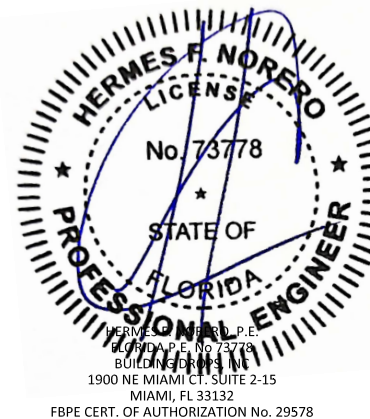
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ/IMPACT)
GUSSET INSTALLATION AND
ASSEMBLY DETAILS

PREPARED BY:
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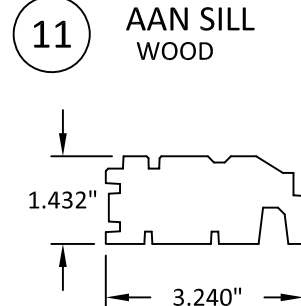
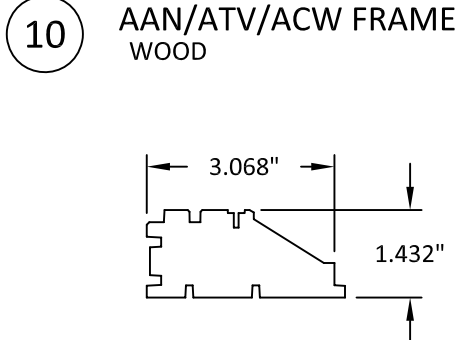
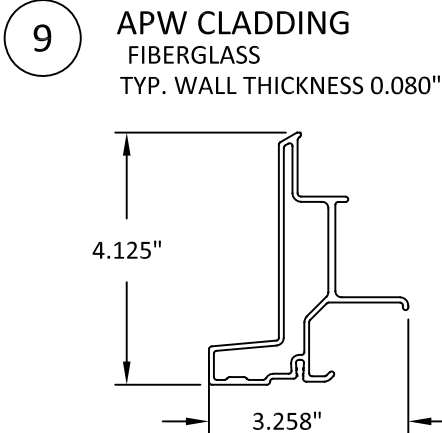
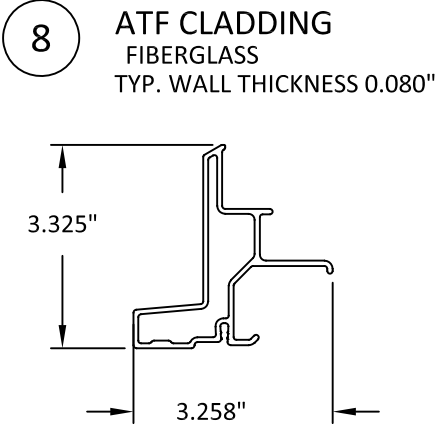
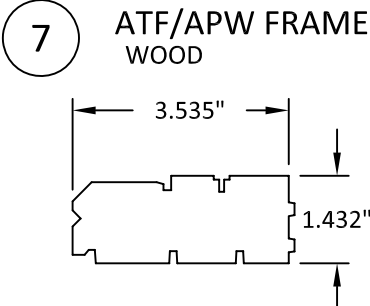
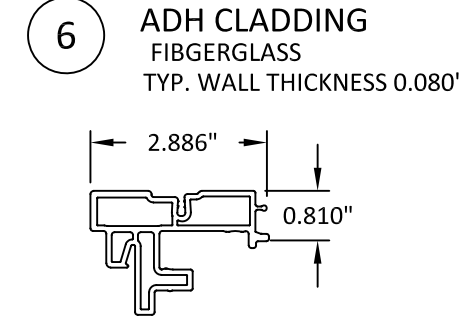
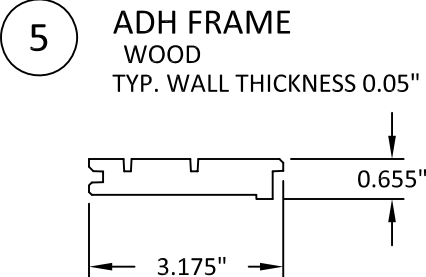
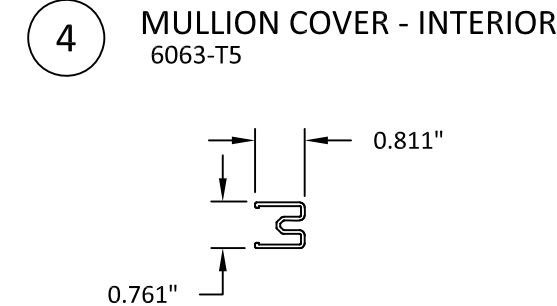
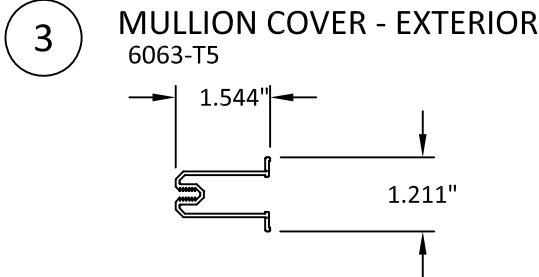
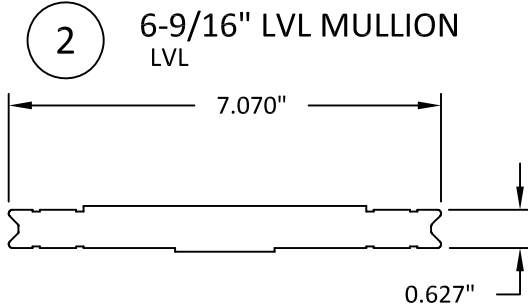
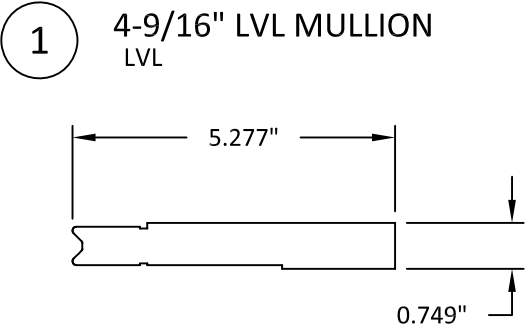
DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AWD193**

SHEET:
28

BILL OF MATERIALS			
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
1	4-9/16" LVL MULLION	LVL	ANDERSEN CORPORATION
2	6-9/16" LVL MULLION	LVL	ANDERSEN CORPORATION
3	MULLION COVER - EXTERIOR	6063-T5	ANDERSEN CORPORATION
4	MULLION COVER - INTERIOR	6063-T5	ANDERSEN CORPORATION
5	ADH FRAME	WOOD	ANDERSEN CORPORATION
6	ADH CLADDING	FIBERGLASS	ANDERSEN CORPORATION
7	ATF/APW FRAME	WOOD	ANDERSEN CORPORATION
8	ATF CLADDING	FIBERGLASS	ANDERSEN CORPORATION
9	APW CLADDING	FIBERGLASS	ANDERSEN CORPORATION
10	AAN/ATV/ACW FRAME	WOOD	ANDERSEN CORPORATION
11	AAN SILL	WOOD	ANDERSEN CORPORATION
12	AAN/ATV CLADDING	FIBERGLASS	ANDERSEN CORPORATION
13	FWGD HEAD	WOOD	ANDERSEN CORPORATION
14	FWGD JAMBS	WOOD	ANDERSEN CORPORATION
15	FWGD CLADDING	FIBERGLASS	ANDERSEN CORPORATION
16	FWSLT FRAME	WOOD	ANDERSEN CORPORATION
17	FWSLT CLADDING	FIBERGLASS	ANDERSEN CORPORATION
18	FWHID FRAME	WOOD	ANDERSEN CORPORATION
19	FWHID CLADDING	FIBERGLASS	ANDERSEN CORPORATION
20	FWOD FRAME	WOOD	ANDERSEN CORPORATION
21	FWOD CLADDING	FIBERGLASS	ANDERSEN CORPORATION
22	FLEXIFRAME	WOOD	ANDERSEN CORPORATION
23	FLEXIFRAME CLADDING	FIBERGLASS	ANDERSEN CORPORATION
24	FW FRAME	WOOD	ANDERSEN CORPORATION
25	FW CLADDING	6063-T5	ANDERSEN CORPORATION
26	ARCH. FRAME	WOOD	ANDERSEN CORPORATION
27	ARCH. CLADDING	6063-T5	ANDERSEN CORPORATION
28	FWGD CLADDING - JAMB	FIBERGLASS	ANDERSEN CORPORATION
29	4-9/16" HEAD-SIDE BRACKET	STEEL	ANDERSEN CORPORATION
30	4-9/16" SIDE BRACKET	STEEL	ANDERSEN CORPORATION
31	4-9/16" SILL BRACKET	STEEL	ANDERSEN CORPORATION
32	6-9/16" HEAD-SIDE BRACKET	STEEL	ANDERSEN CORPORATION
33		STEEL	ANDERSEN CORPORATION
34	6-9/16" SILL BRACKET	STEEL	ANDERSEN CORPORATION
35	12" GUSSET	STEEL	ANDERSEN CORPORATION
36	NOTCHED 12" GUSSET	STEEL	ANDERSEN CORPORATION
37	10" V-NOTCH GUSSET	STEEL	ANDERSEN CORPORATION
38	T-BRACKET (0.074" THICK)	STEEL	ANDERSEN CORPORATION
39	CROSS BRACKET (0.074" THICK)	STEEL	ANDERSEN CORPORATION



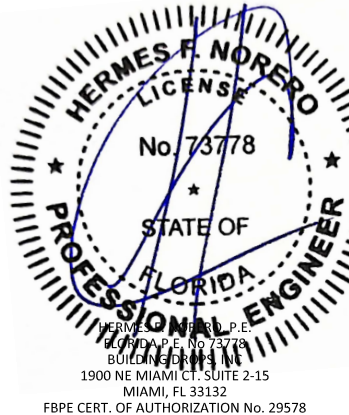
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
COMPONENTS &
BILL OF MATERIALS

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

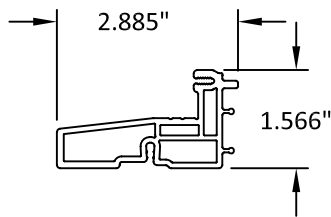
REMARKS	BY	DATE
6TH FBC CODE CHANGE	FM	10/17
7TH FBC CODE CHANGE	NUS	10.09.20
2023 CODE CHANGE	MS	10/19/23

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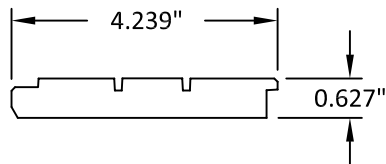


FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	29
	OF 32

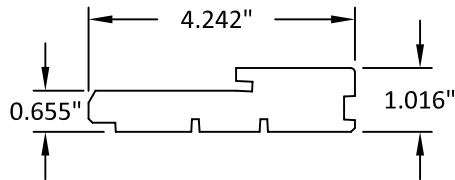
12 AAN/ATV CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.080"



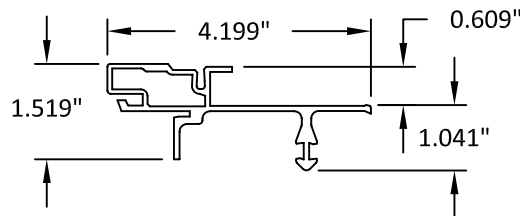
13 FWGD HEAD
WOOD



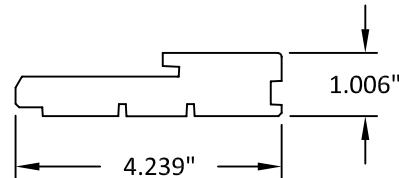
14 FWGD JAMBS
WOOD



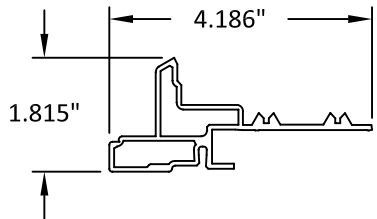
15 FWGD CLADDING
FIBERGLASS



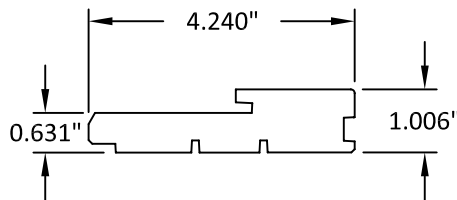
16 FWSLT FRAME
WOOD



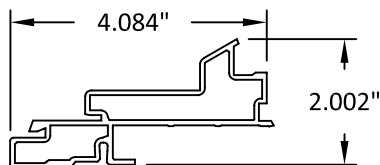
17 FWSLT CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.080"



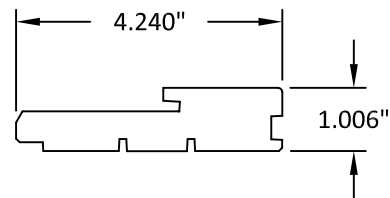
18 FWID FRAME
WOOD



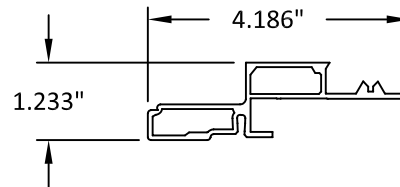
19 FWID
FIBERGLASS
TYP. WALL THICKNESS 0.080"



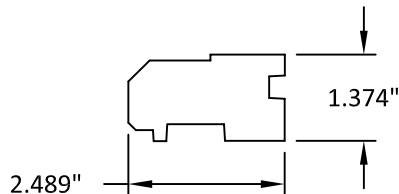
20 FWOD FRAME
WOOD



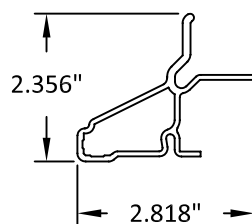
21 FWOD CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.080"



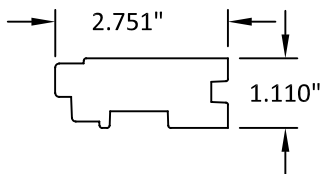
22 FLEXIFRAME
WOOD



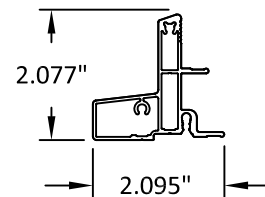
23 FLEXIFRAME CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.080"



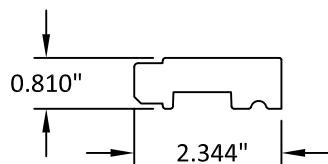
24 FW FRAME
WOOD



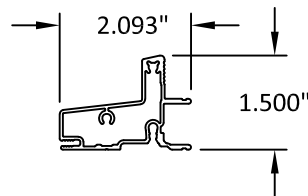
25 FW CLADDING
6063-T5



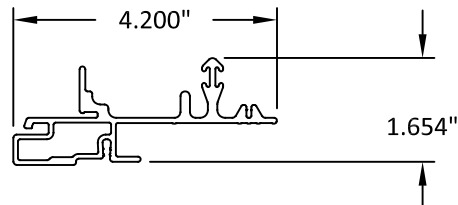
26 ARCH. FRAME
WOOD



27 ARCH. FRAME
6063-T5



28 FWGD CLADDING - JAMB
FIBERGLASS



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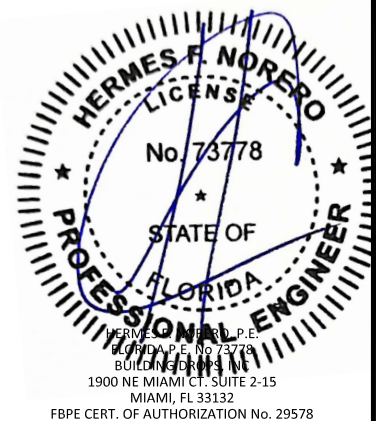
TITLE: A-SERIES LVL MULLION
JOINING STRIP
(HVHZ)/(IMPACT)
COMPONENTS (1)

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



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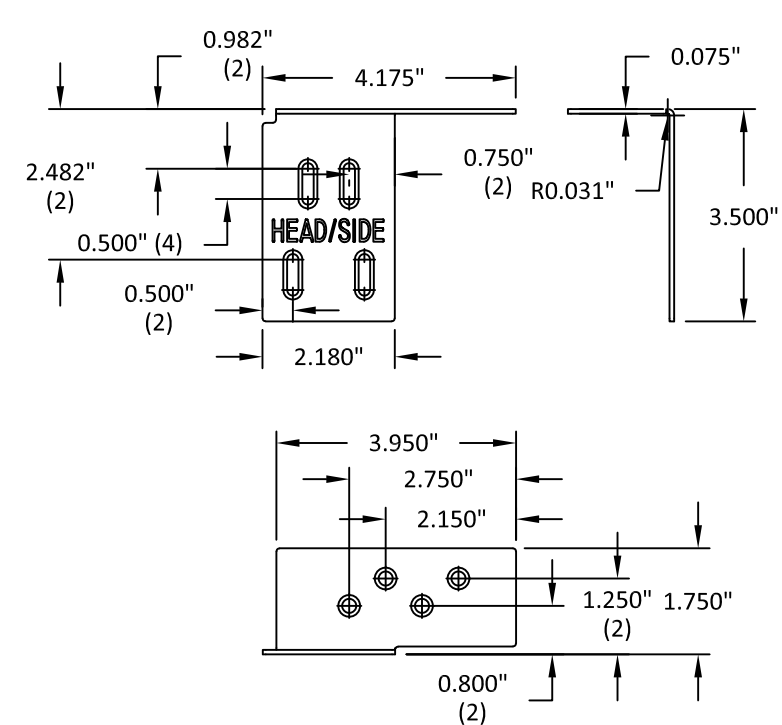
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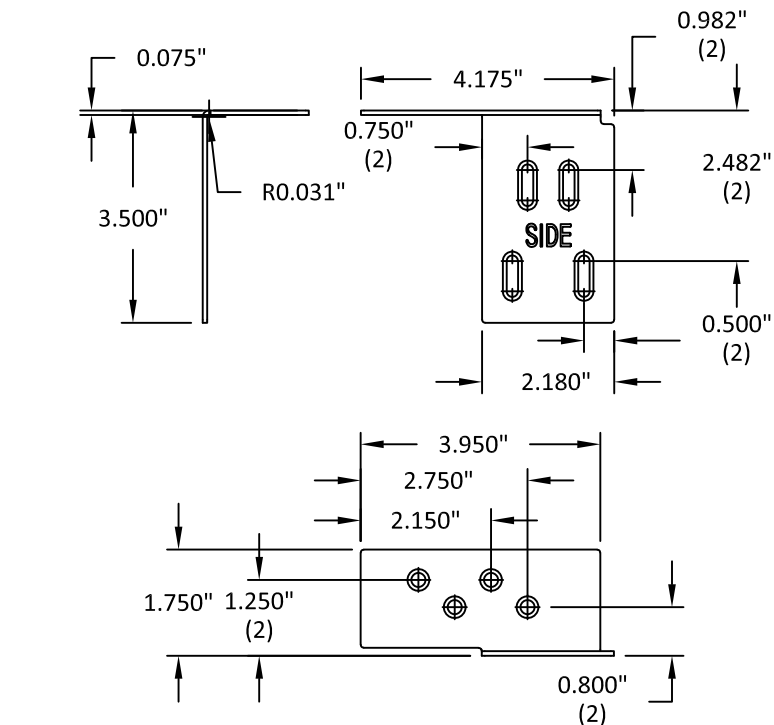
FL #:	FL15922
DATE:	10.06.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD193
SHEET:	

30

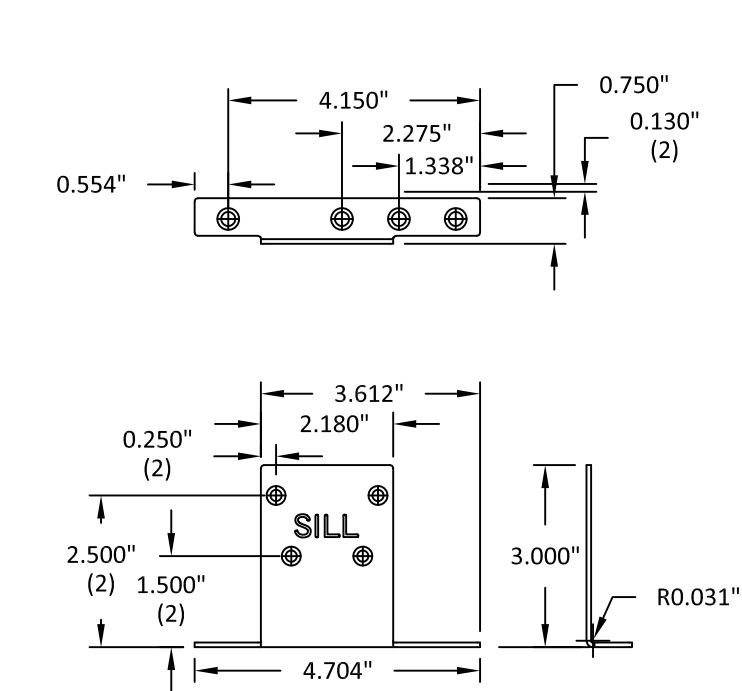
29 4-9/16" HEAD/SIDE BRACKET
STEEL



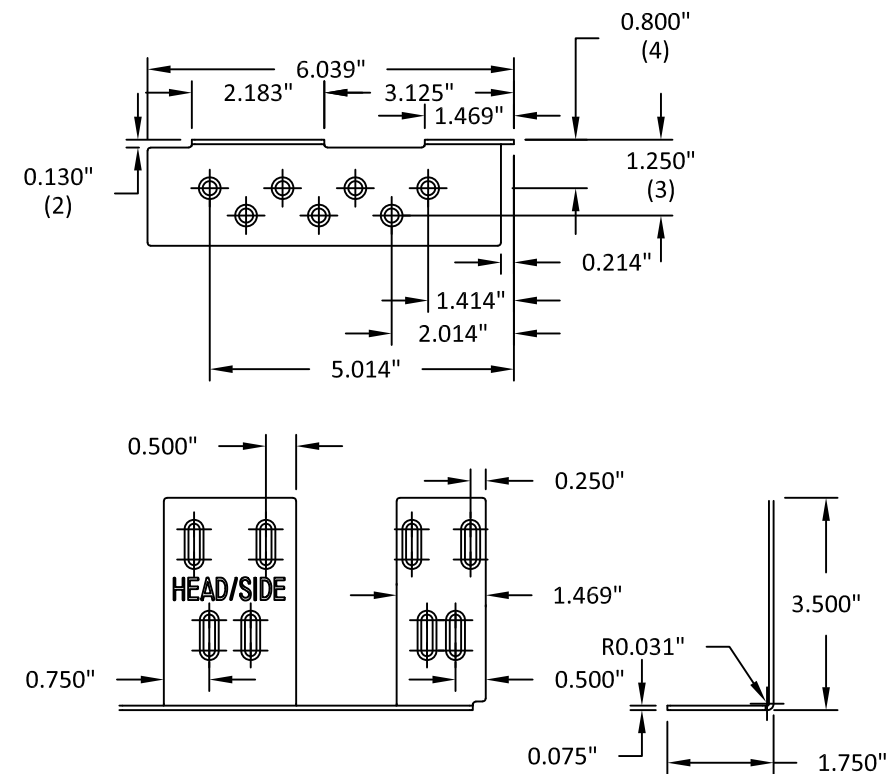
30 4-9/16" SIDE BRACKET
STEEL



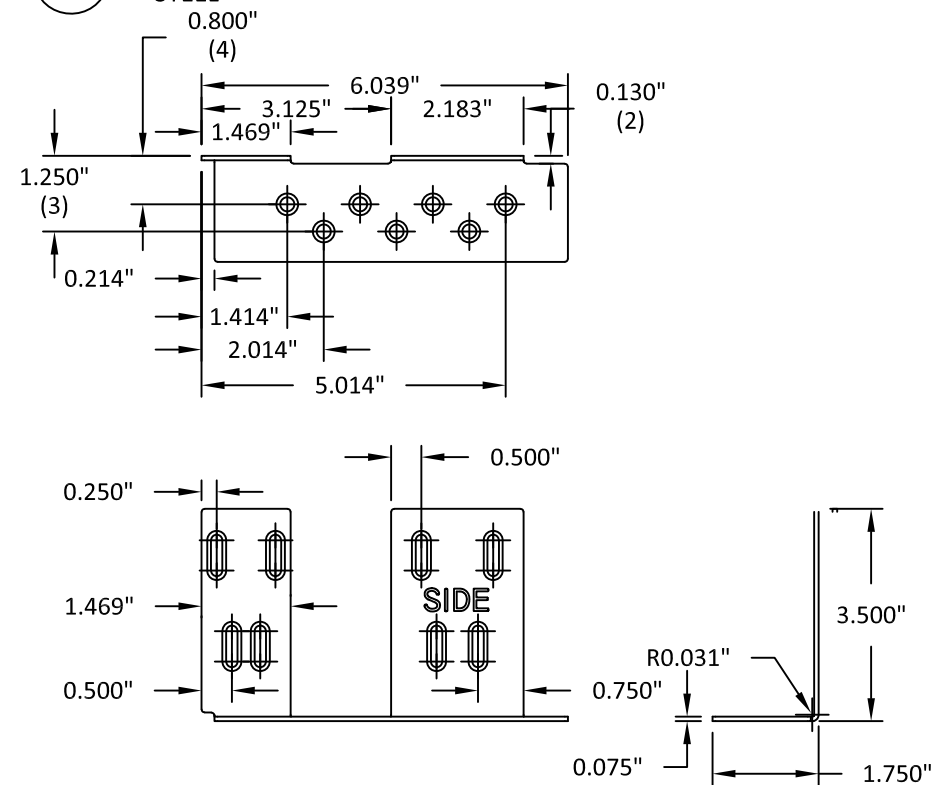
31 4-9/16" SILL BRACKET
STEEL



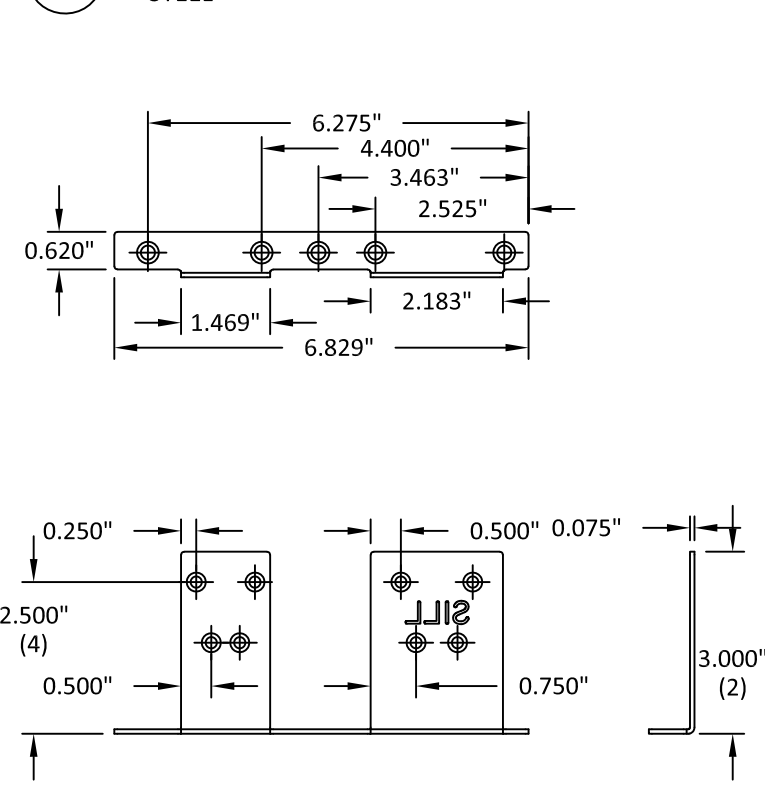
32 6-9/16" HEAD/SIDE BRACKET
STEEL



33 6-9/16" SIDE BRACKET
STEEL



34 6-9/16" SILL BRACKET
STEEL



100 FOURTH AVE NORTH
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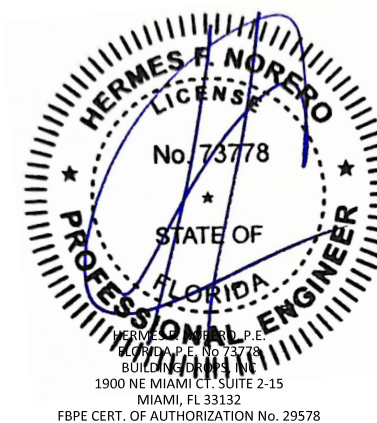
TITLE: A-SERIES LVL MULLION
JOINING STRIP
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COMPONENTS (2)

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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31