

JELD-WEN, inc.

SITELINE OR W-5500 WOOD CASEMENT/AWNING MULLION ASSEMBLIES

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION INTO 2X WOOD FRAMING USE MINIMUM #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. MINIMUM EDGE DISTANCE OF 3/4" SHALL BE MAINTAINED.
- THROUGH FRAME:** FOR INSTALLATION INTO CONCRETE/MASONRY, USE 3/16" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4" MINIMUM EMBEDMENT INTO CONCRETE/MASONRY. MINIMUM EDGE DISTANCE OF 2 1/2" SHALL BE MAINTAINED.
- THROUGH FRAME:** FOR INSTALLATION INTO METAL STUD, USE #10 TEK SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM 3 THREADS PENETRATION BEYOND METAL STRUCTURAL ELEMENT. MINIMUM 1/2" EDGE DISTANCE SHALL BE MAINTAINED.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM 3000 PSI COMPRESSIVE STRENGTH
 - HOLLOW/GROUT FILLED CMU - STRENGTH CONFORMANCE TO ASTM C90, MIN. F'm = 2000 PSI.
 - STEEL - MINIMUM 16 GA. (.054") MINIMUM TENSILE YIELD, Fy = 33 KSI.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) AND INTERNATIONAL BUILDING CODE (IBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 450-10
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** FOR THIS PRODUCT IN WIND ZONES 3 OR LESS PROVIDED WINDOW/DOOR ASSEMBLIES ARE MINIMUM WIND ZONE 3 IMPACT RATED. IN WIND ZONE 4, UNITS SHALL REQUIRE IMPACT PROTECTION.
- FRAME & MULLION MATERIAL: PRESSURE TREATED PINE WITH AURALAST® (MINIMUM S.G. = 0.42)

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SITELINE OR W-5500 WOOD CASEMENT/AWNING MULLION

INSTALLATION & GENERAL NOTES

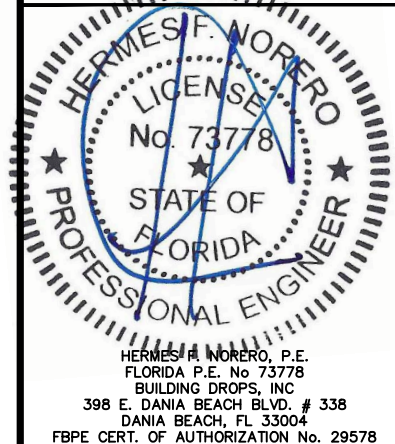
PREPARED BY: BUILDING DROPS, INC.

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REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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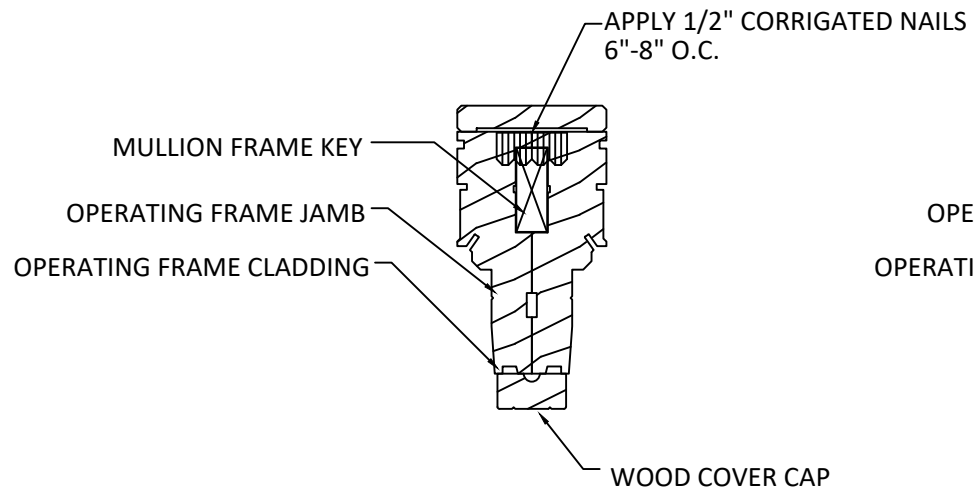
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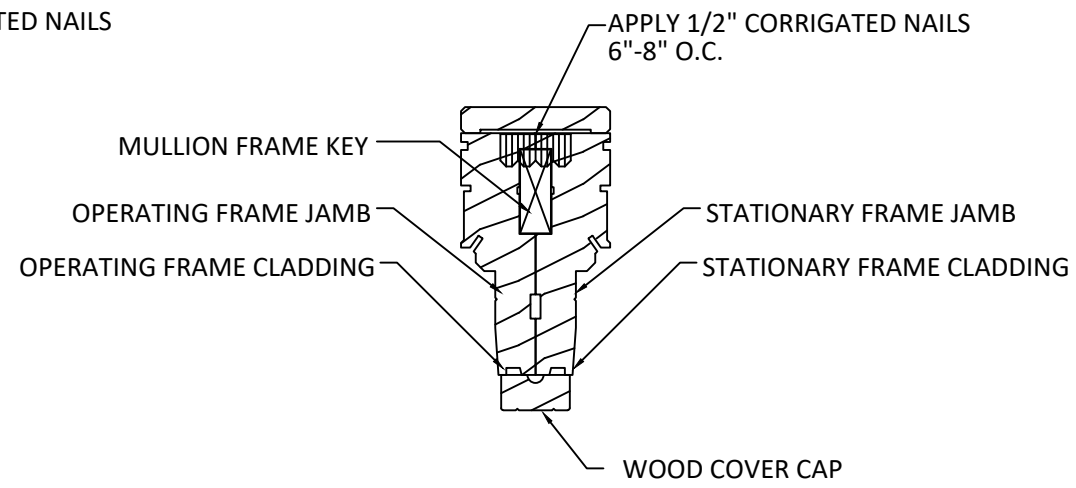
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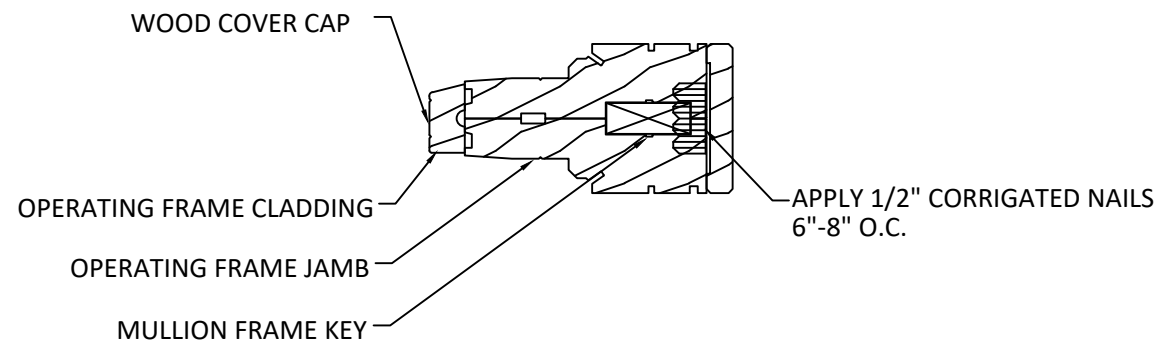
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A
2 OPERATING-OPERATING
VERTICAL MULLION



B
2 OPERATING-STATIONARY
VERTICAL MULLION



C
2 STATIONARY-OPERATING
HORIZONTAL MULL

MULLION CONNECTION NOTES

1. ASSEMBLIES SHOWN HEREIN, SHEET 2, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE A.1: ONE WAY MULLIONS "JAMB TO JAMB".
2. REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.



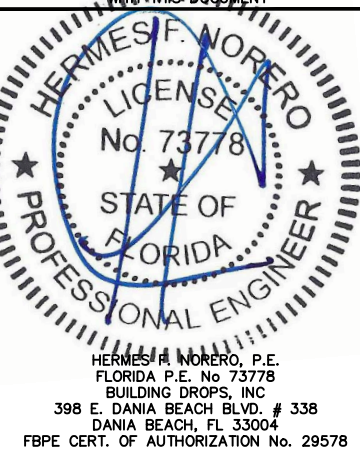
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION "JAMB TO JAMB" MULLION ASSEMBLIES

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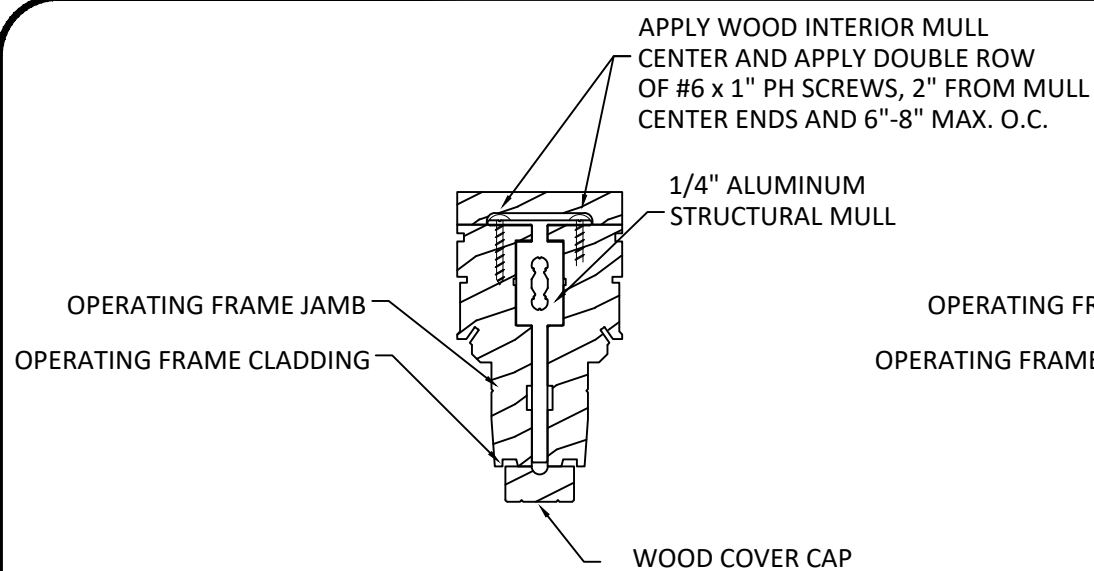
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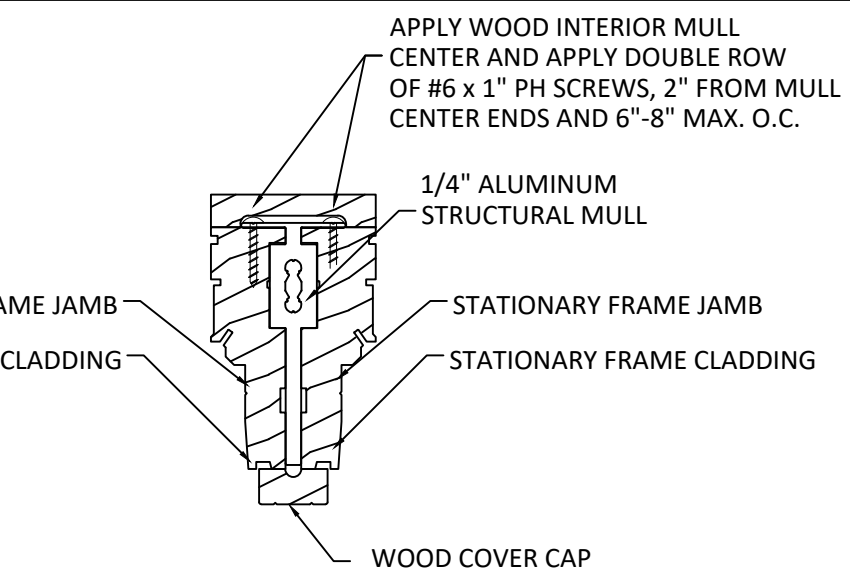
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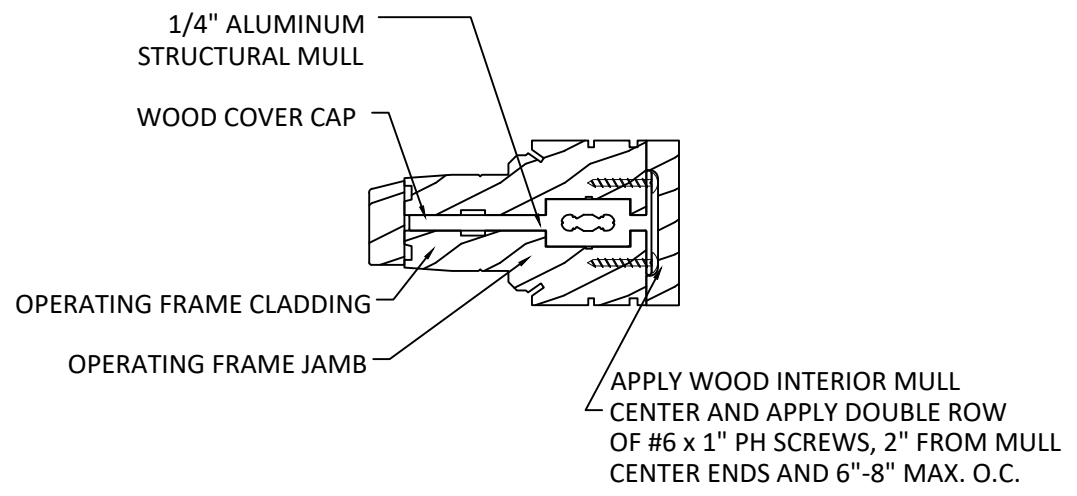
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A
3 **OPERATING-OPERATING**
VERTICAL MULLION



B
3 **OPERATING-STATIONARY**
VERTICAL MULLION



C
3 **STATIONARY-OPERATING**
HORIZONTAL MULLION

- MULLION CONNECTION NOTES
- ASSEMBLIES SHOWN HEREIN, SHEET 3, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE B.1: ONE WAY MULLIONS "1/4" STRUCTURAL MULLION" AND TABLE B.2: TWO WAY MULLIONS "1/4" STRUCTURAL MULLION".
 - REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.



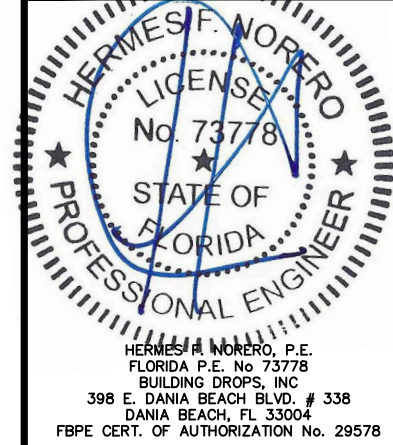
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION "1/4" STRUCTURAL MULLION" ASSEMBLIES

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HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
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398 E. DANIA BEACH BLVD. # 338
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FBPE CERT. OF AUTHORIZATION No. 29578

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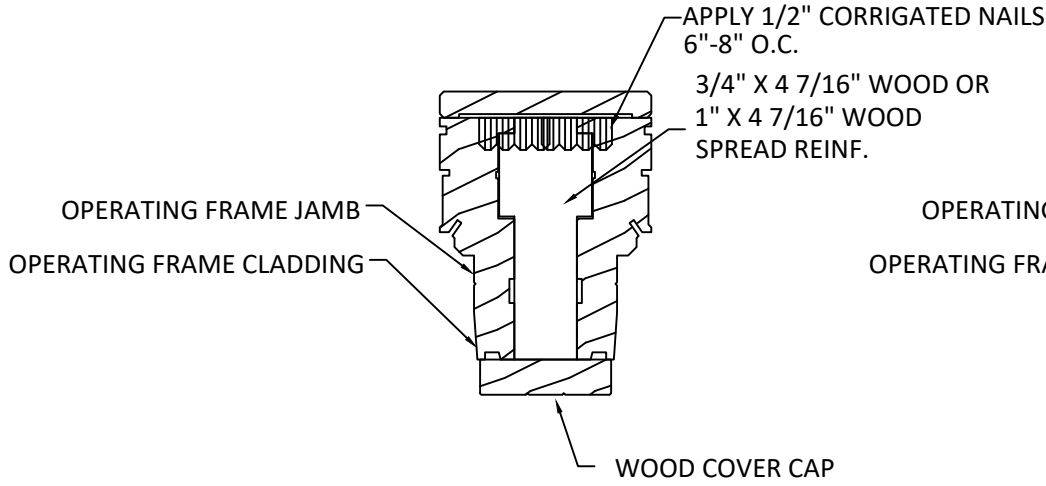
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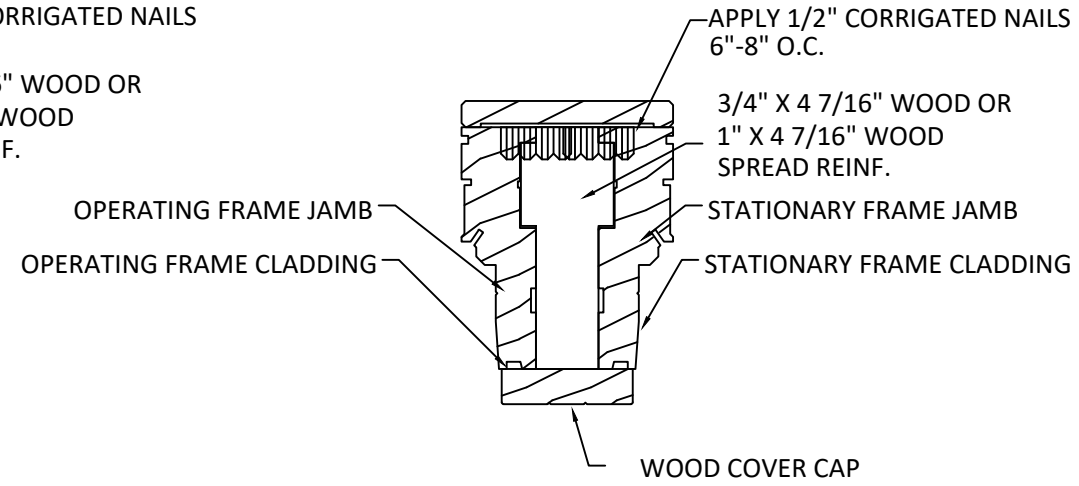
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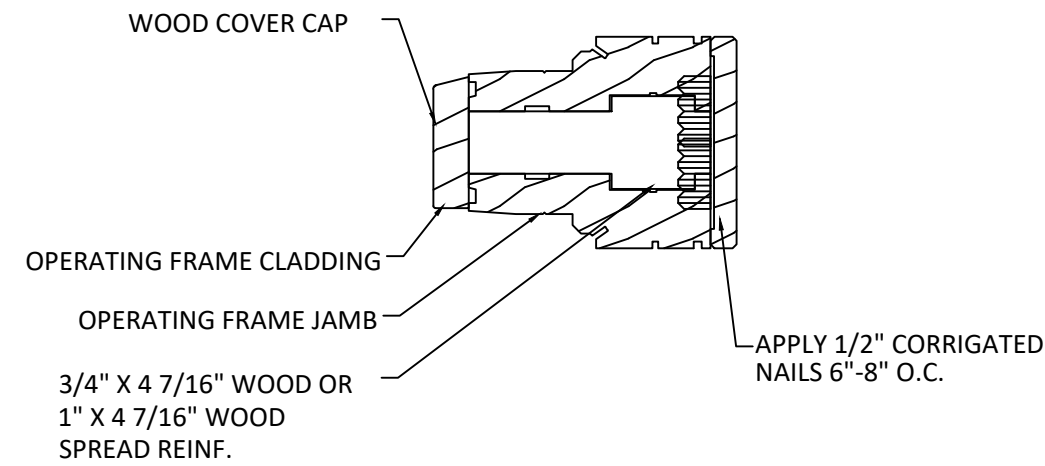
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A
4 OPERATING-OPERATING
VERTICAL MULLION



B
4 OPERATING-STATIONARY
VERTICAL MULLION



C
4 STATIONARY-OPERATING
HORIZONTAL MULLION

- MULLION CONNECTION NOTES**
- ASSEMBLIES SHOWN HEREIN, SHEET 4, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE C.1: ONE WAY MULLIONS "3/4" SOLID SPREAD MULL" AND TABLE C.2: TWO WAY MULLIONS "3/4" SOLID SPREAD MULL" OR TABLE D.1: ONE WAY MULLIONS "1" SOLID SPREAD MULL" AND TABLE D.2: TWO WAY MULLIONS "1" SOLID SPREAD MULL" DEPENDENT ON SPREAD MULL.
 - REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.



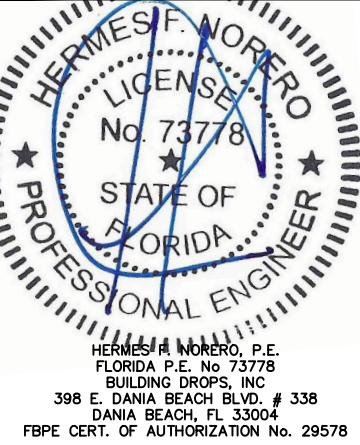
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TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION "1" SOLID SPREAD MULLION" ASSEMBLIES

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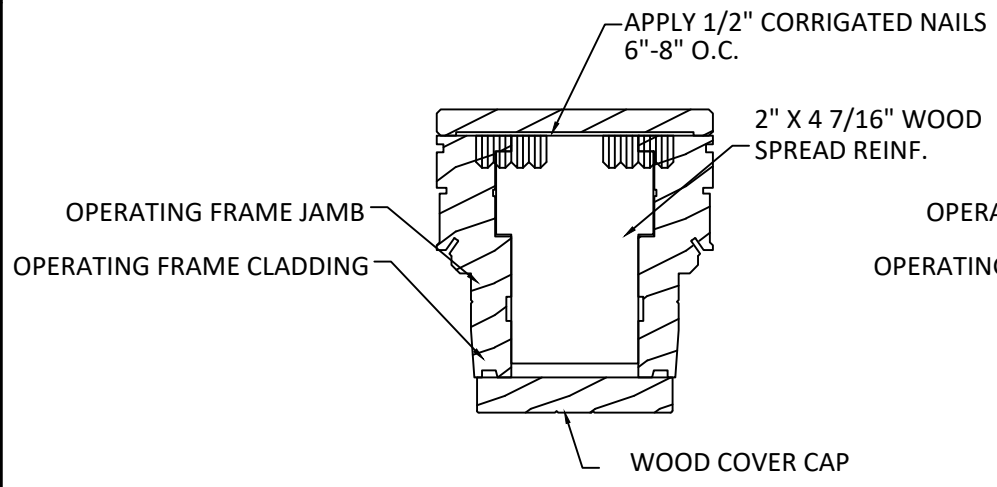
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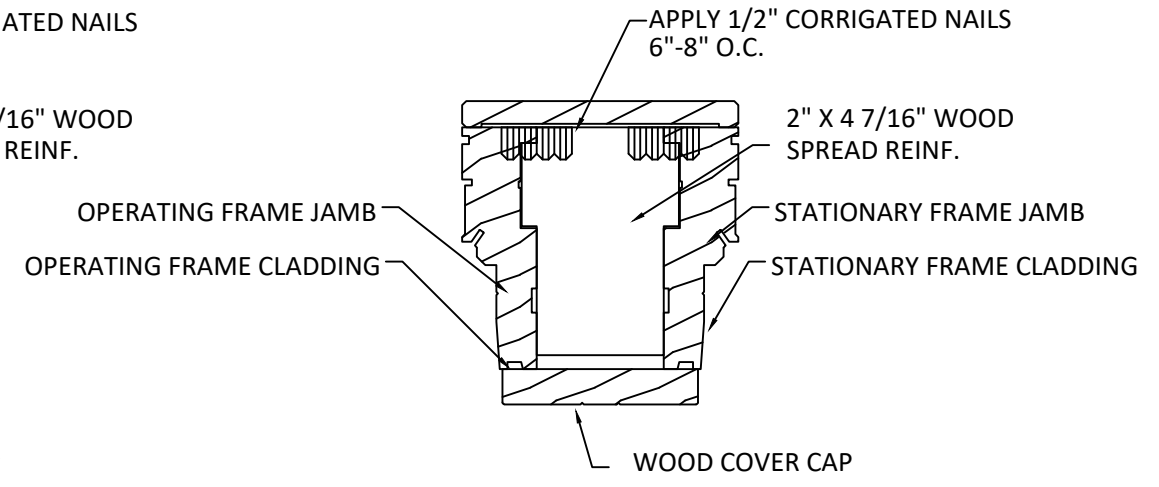
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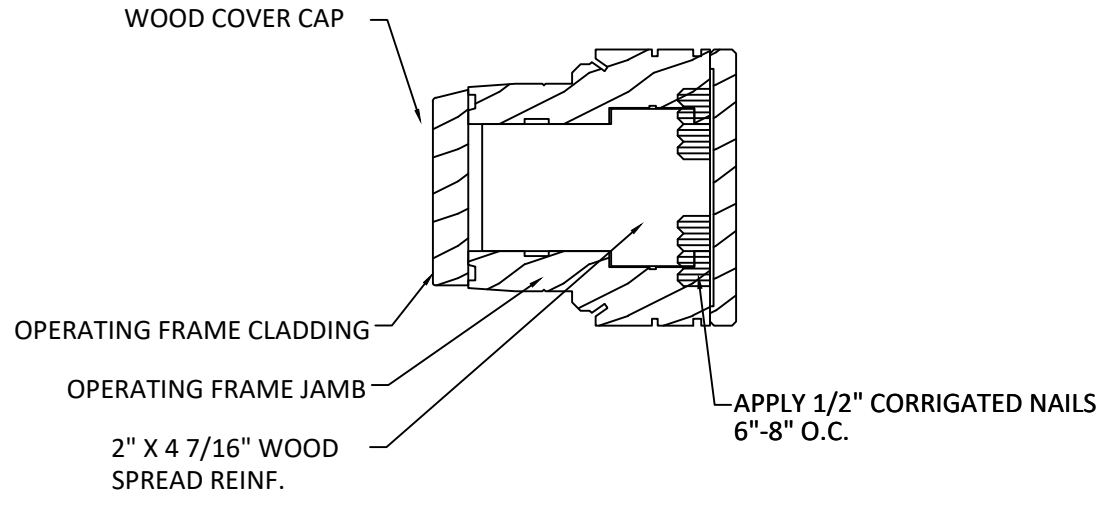
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A
5 OPERATING-OPERATING
VERTICAL MULLION



B
5 OPERATING-STATIONARY
VERTICAL MULLION



C
5 STATIONARY-OPERATING
HORIZONTAL MULL

MULLION CONNECTION NOTES

- ASSEMBLIES SHOWN HEREIN, SHEET 5, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE D.1: ONE WAY MULLIONS "1" SOLID SPREAD MULL" AND TABLE D.2: TWO WAY MULLIONS "1" SOLID SPREAD MULL".
- REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.



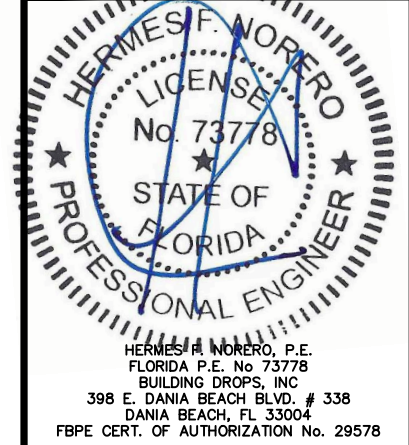
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION "2" SOLID SPREAD MULLION" ASSEMBLIES

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W-5500 WOOD ADDITION	LL	6.11.19

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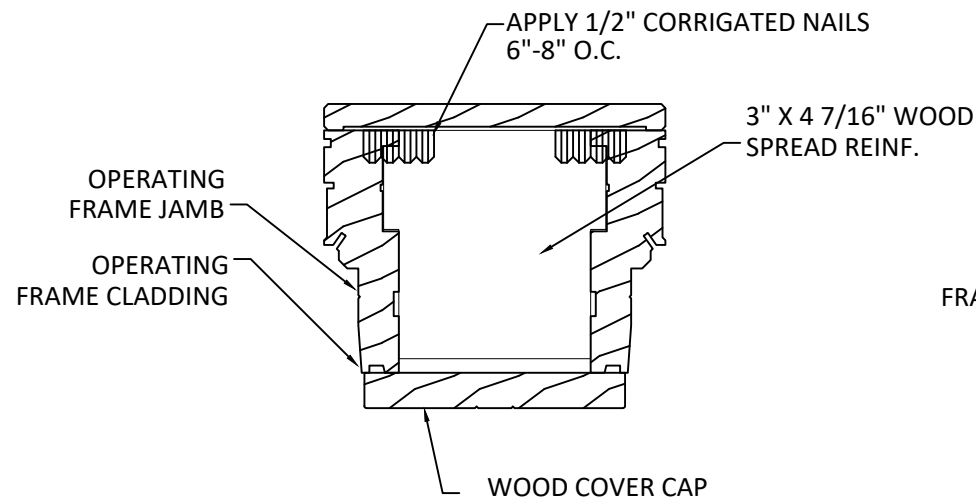
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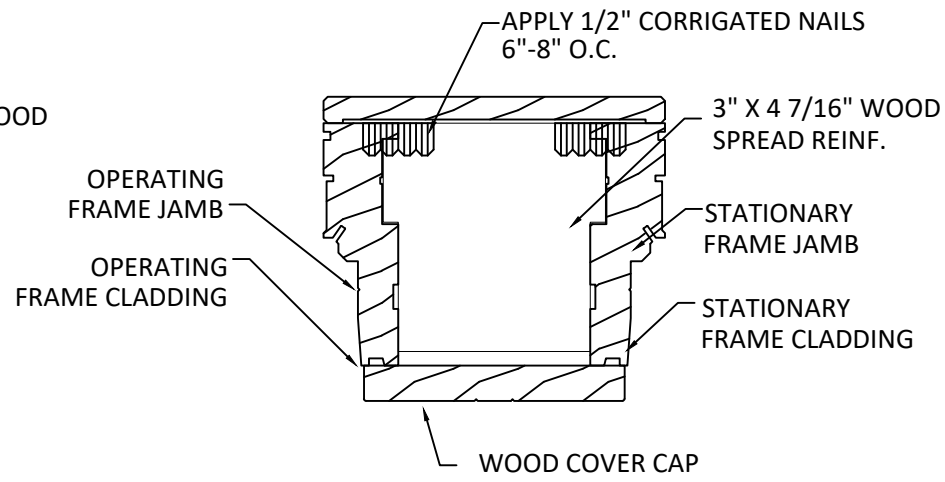
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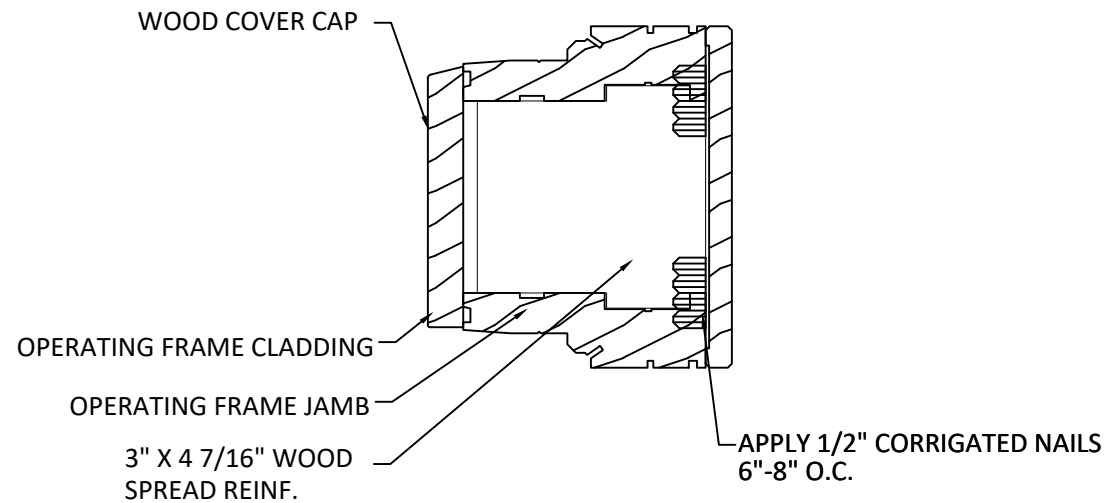
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A
6 **OPERATING-OPERATING**
VERTICAL MULLION



B
6 **OPERATING-STATIONARY**
VERTICAL MULLION



C
6 **STATIONARY-OPERATING**
HORIZONTAL MULL

MULLION CONNECTION NOTES

- ASSEMBLIES SHOWN HEREIN, SHEET 5, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE D.1: ONE WAY MULLIONS "1" SOLID SPREAD MULL" AND TABLE D.2: TWO WAY MULLIONS "1" SOLID SPREAD MULL".
- REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.



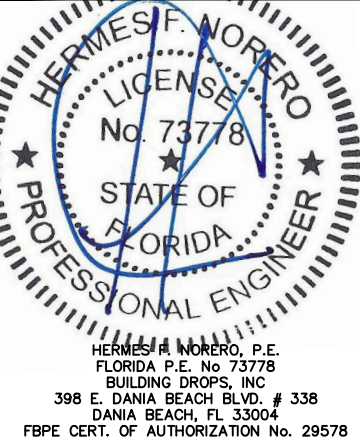
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION
"3" SOLID SPREAD MULLION" ASSEMBLIES

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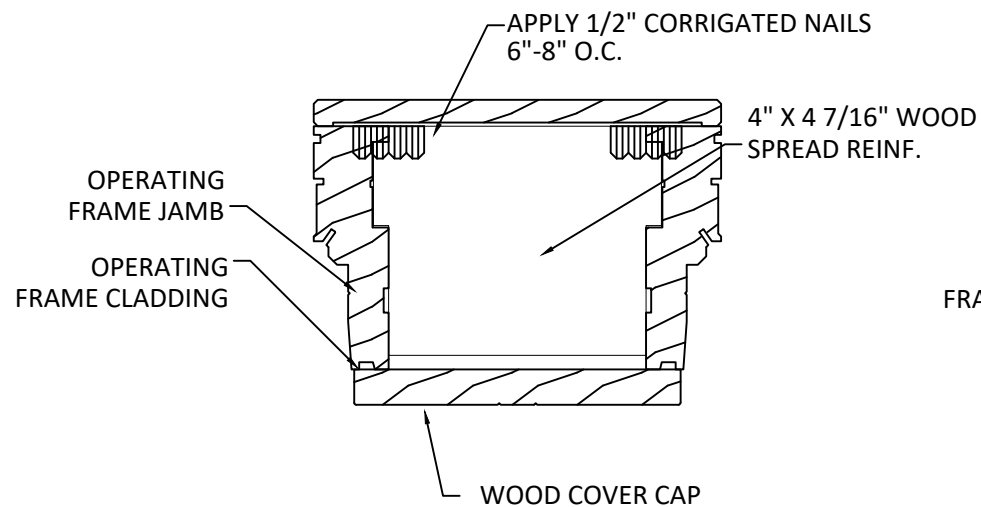
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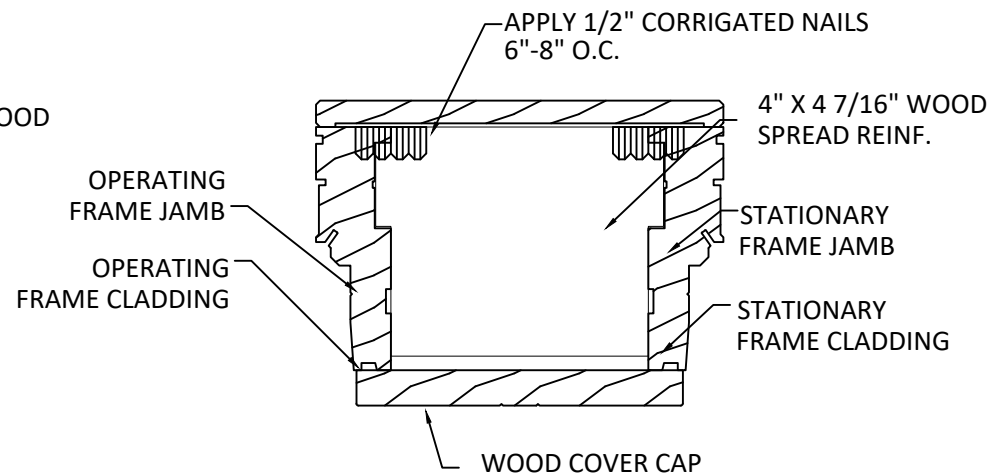
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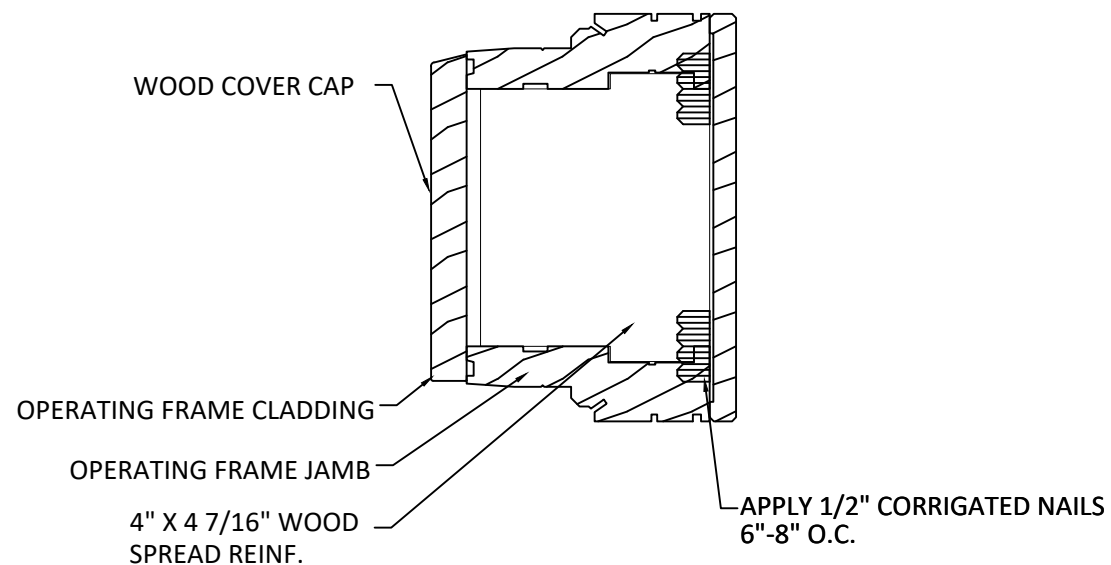
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A
7
OPERATING-OPERATING
VERTICAL MULLION



B
7
OPERATING-STATIONARY
VERTICAL MULLION



C
7
STATIONARY-OPERATING
HORIZONTAL MULLION

MULLION CONNECTION NOTES

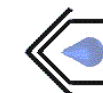
1. ASSEMBLIES SHOWN HEREIN, SHEET 6, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE A.1: ONE WAY MULLIONS "JAMB TO JAMB MULL".
2. REFER TO SHEET 8 FOR ANCHORAGE REQUIREMENTS.

JELD-WEN
WINDOWS & DOORS

3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

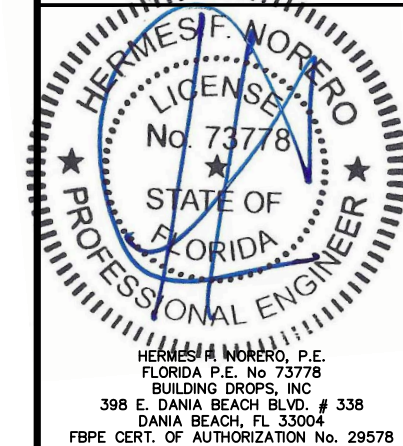
TITLE:
SITELINE OR W-5500 WOOD
CASEMENT /AWING MULLION
"4" SOLID SPREAD MULLION"
ASSEMBLIES

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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 #:
FL17868

DATE: **09.05.17**

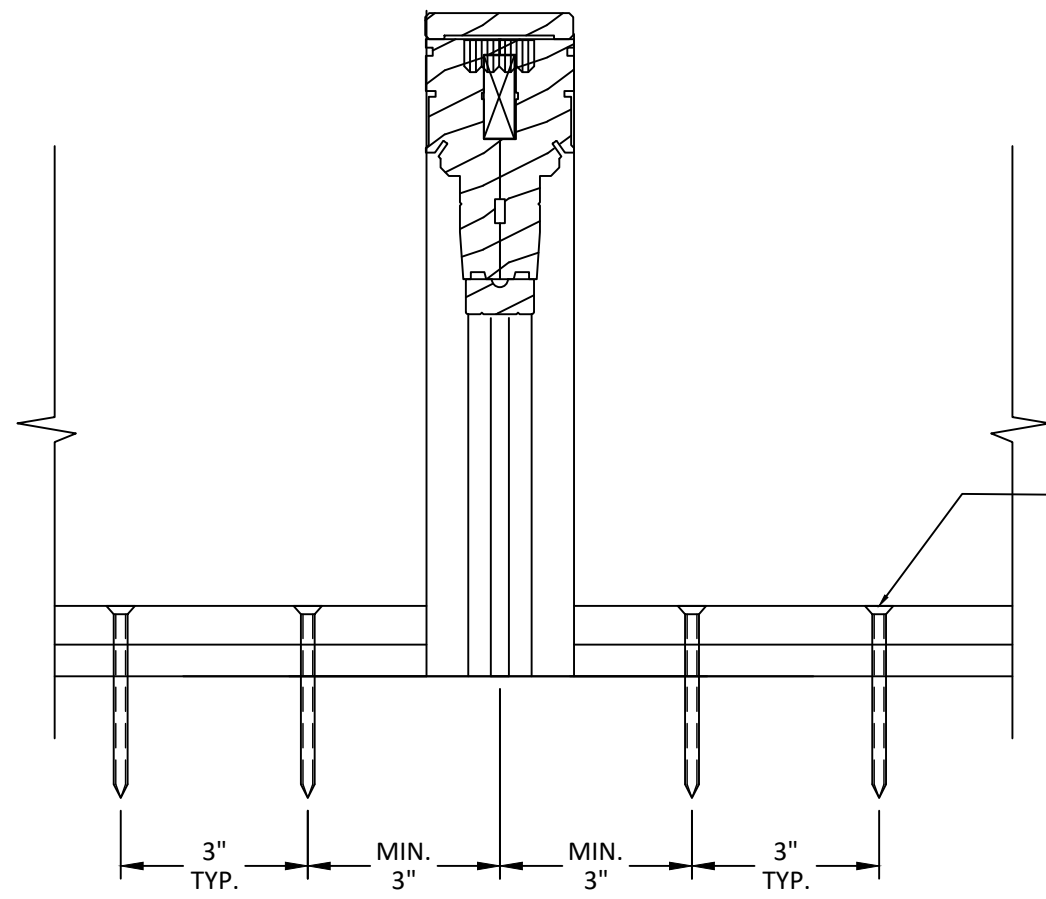
DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:
7

s:\projects\jeld-wen\fb-c-19-0536 - fbc submittal - product name update, w-5500, fl17868, fl21060, fl26356\dwg\jw061.dwg 6/14/2019 2:43 PM

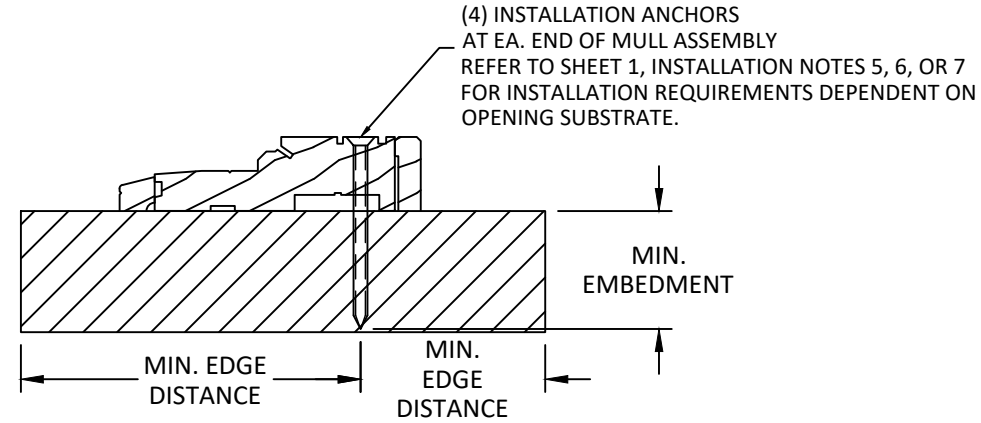


A
8
ENLARGED ELEVATION
TYPICAL INSTALLATION ANCHOR PATTERN

INSTALLATION NOTE:

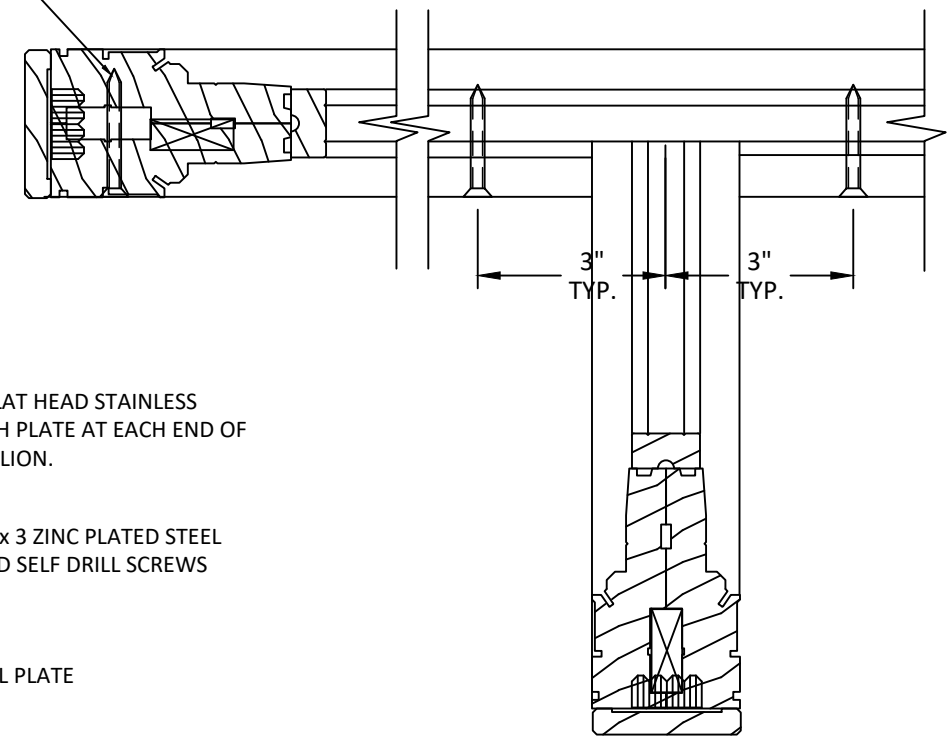
1. MULLIONS MAY BE FASTENED AT EA. END THROUGH FRAME (DETAIL B/8).
2. ALTERNATE INSTALLATION METHODS MAY BE EVALUATED ON A SITE SPECIFIC BASIS BY A REGISTERED FL PROFESSIONAL ENGINEER.
3. MULLION JOINING PLATE SHALL BE USED AT EA. END OF MULLION FOR ALL APPLICATIONS, SEE DETAIL D/8.

(4) INSTALLATION ANCHORS AT EA. END OF MULL ASSEMBLY REFER TO SHEET 1, INSTALLATION NOTES 5, 6, OR 7 FOR INSTALLATION REQUIREMENTS DEPENDENT ON OPENING SUBSTRATE

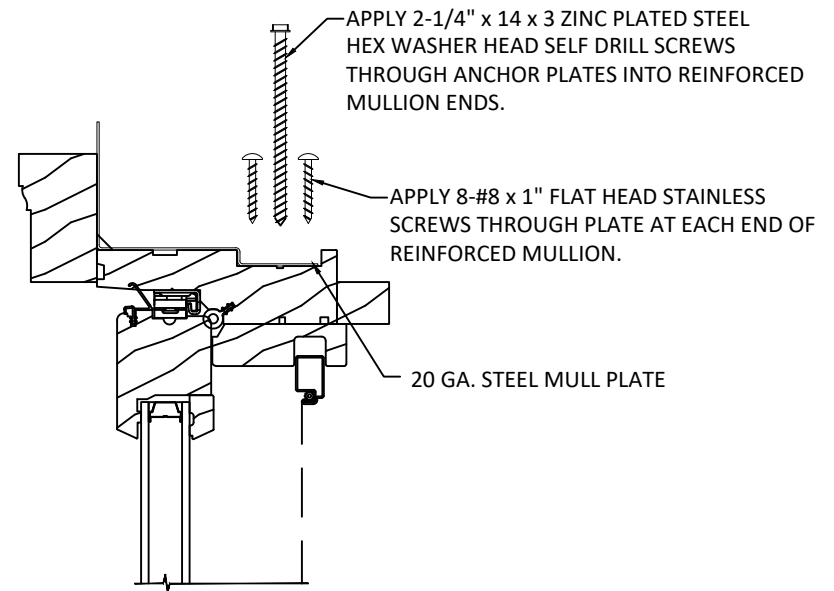


B
8
VERTICAL SECTION
TYPICAL INSTALLATION THROUGH FRAME

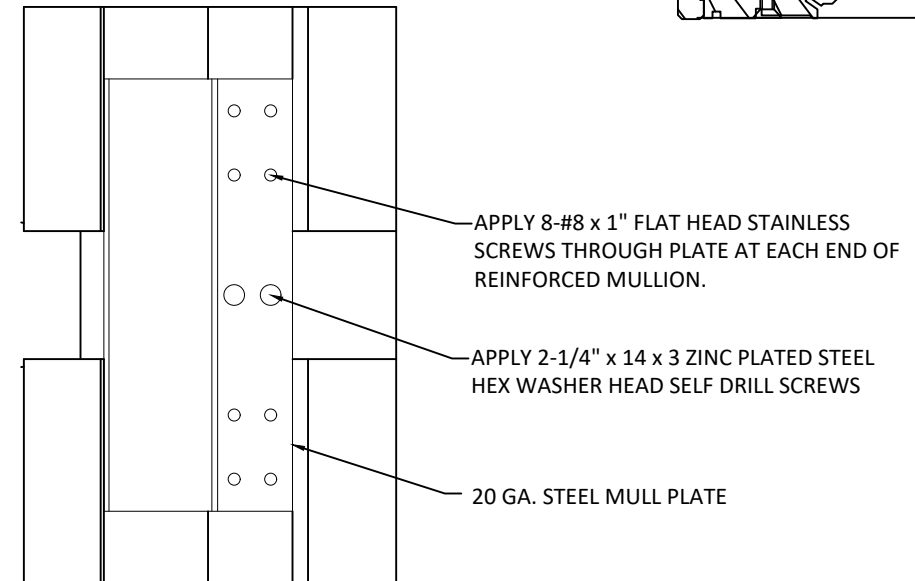
(2) #10 WOOD SCREWS, MIN. 5/8" EMBEDMENT, ADJACENT TO MULLIONS AT 'X' AND 'T' JOINTS



E
8
FRONT VIEW
OPTIONAL INSTALLATION AT EA. END OF 'X' AND 'T' MULL



C
8
VERTICAL SECTION
TYPICAL INSTALLATION MULL JOINING PLATE



D
8
VERTICAL SECTION
TYPICAL INSTALLATION AT EA. END OF MULL



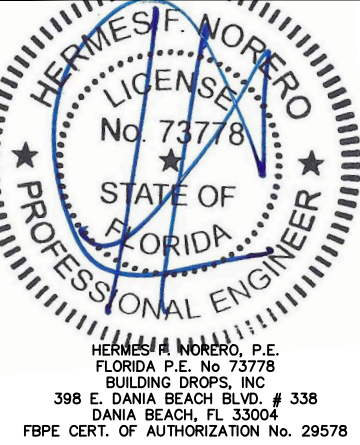
3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION INSTALLATION CONDITIONS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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 #: **FL17868**

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

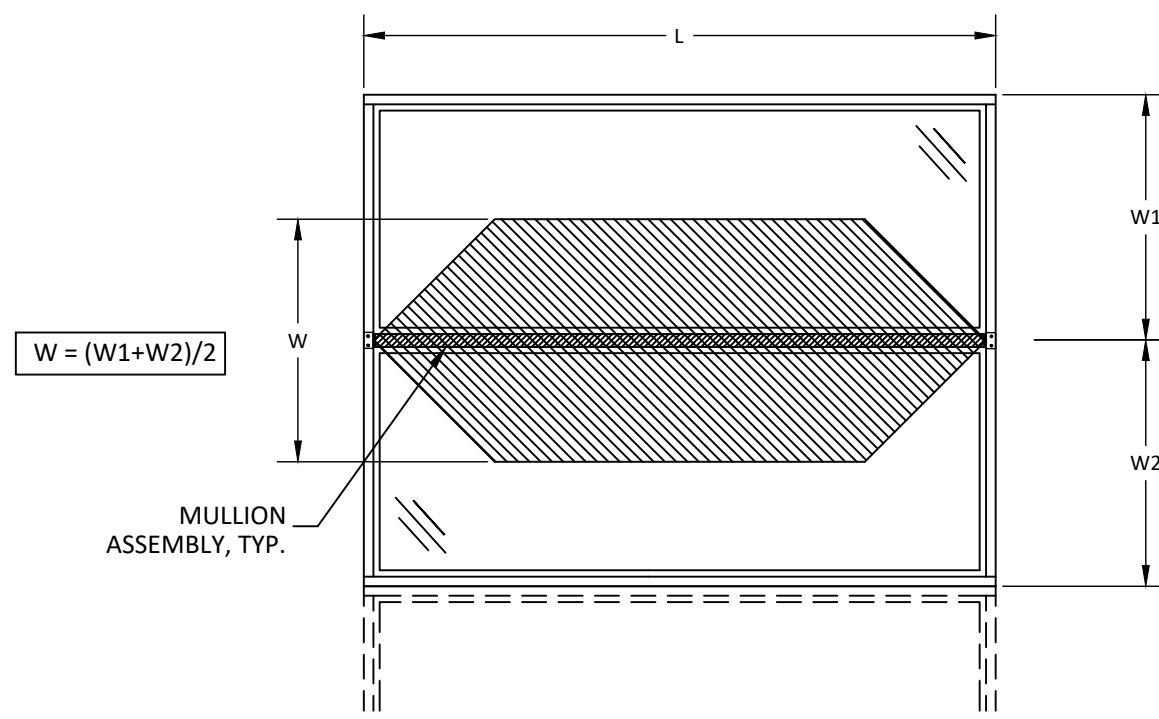
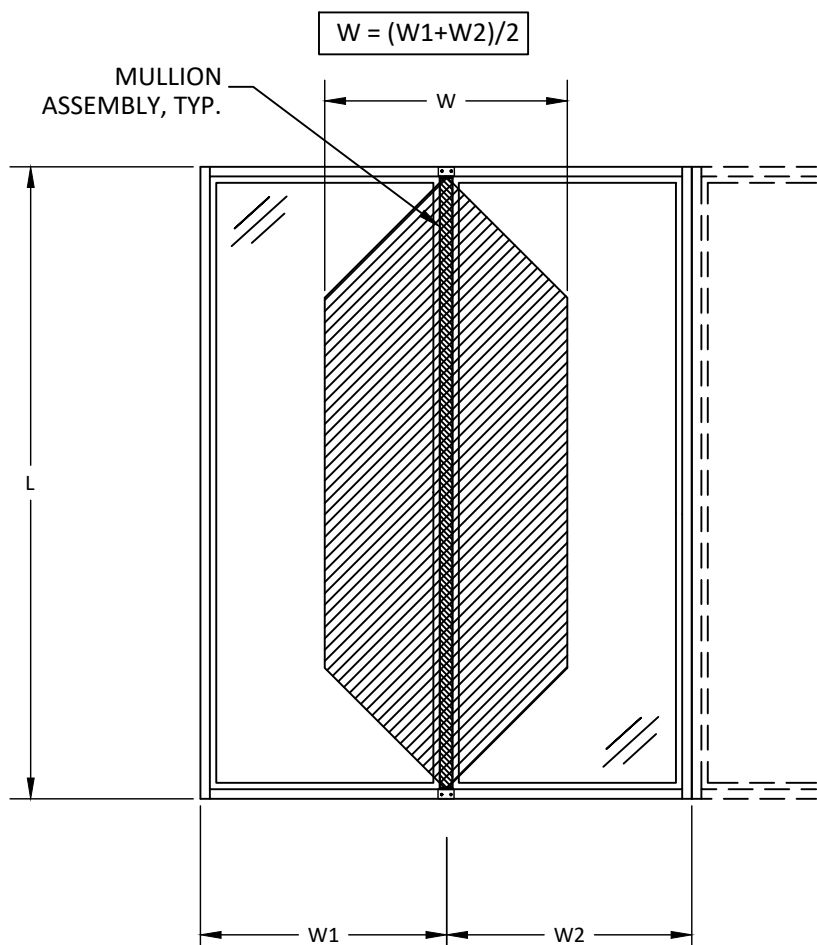
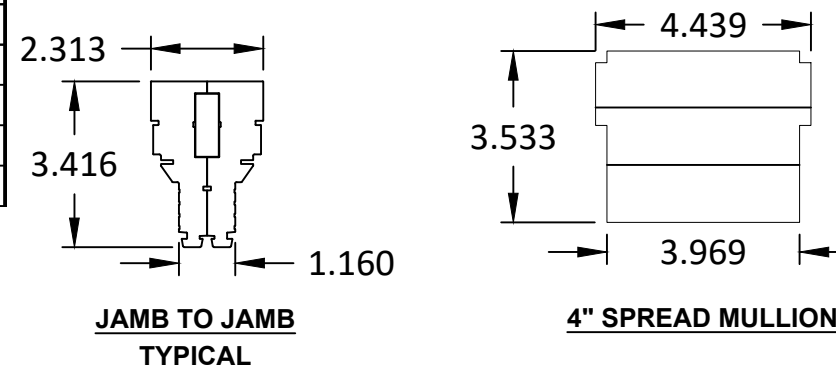
SHEET: **8**

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)													
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	93.3	87.6	83.3	77.9	76.1	76.1	76.1	76.1	76.1	76.1
54.0	100.0	96.5	85.9	77.8	71.5	66.6	62.7	57.4	54.5	53.5	53.5	53.5	53.5	53.5
60.0	89.3	77.4	68.6	61.9	56.7	52.5	49.2	44.4	41.3	39.6	39.0	39.0	39.0	39.0
66.0	73.4	63.5	56.2	50.5	46.1	42.6	39.7	35.5	32.6	30.7	29.6	29.3	29.3	29.3
72.0	61.5	53.1	46.9	42.1	38.3	35.3	32.8	29.1	26.5	24.7	23.5	22.8	22.8	22.6
78.0	52.2	45.0	39.7	35.6	32.4	29.7	27.6	24.3	22.0	20.3	19.1	18.4	18.4	17.9
84.0	42.4	36.6	32.3	29.0	26.3	24.2	22.5	19.8	17.9	16.5	15.5	-	-	-
90.0	34.4	29.7	26.2	23.4	21.3	19.5	18.1	15.9	-	-	-	-	-	-
96.0	28.3	24.4	21.5	19.2	17.4	16.0	-	-	-	-	-	-	-	-
102.0	23.6	20.3	17.8	16.0	-	-	-	-	-	-	-	-	-	-
108.0	19.8	17.1	-	-	-	-	-	-	-	-	-	-	-	-
114.0	16.8	-	-	-	-	-	-	-	-	-	-	-	-	-
120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A.1: ONE WAY MULLIONS "JAMB TO JAMB"

- 'ONE-WAY' MULLIONS REFER TO EITHER VERTICAL RIBBON OR HORIZONTAL STACKED ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 2 & 7 (4" SPREAD MULL) ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



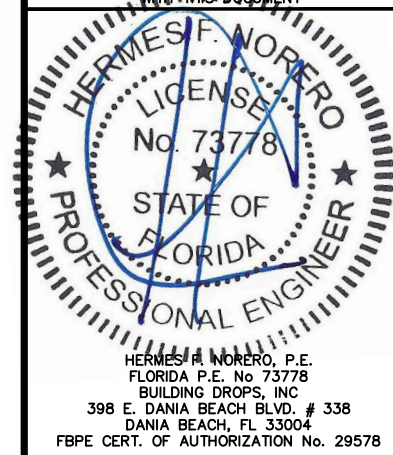
3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE:
SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
ONE WAY "JAMB TO JAMB" MULLION DP TABLE

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL17868

DATE: **09.05.17**

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

SCALE: **NTS**

DWG. #: **JW061**

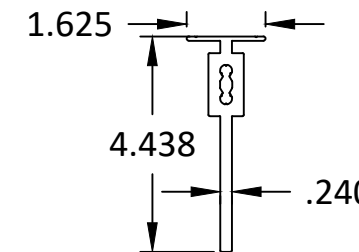
SHEET:
9
OF 24

Maximum design pressure capacity chart (psf):

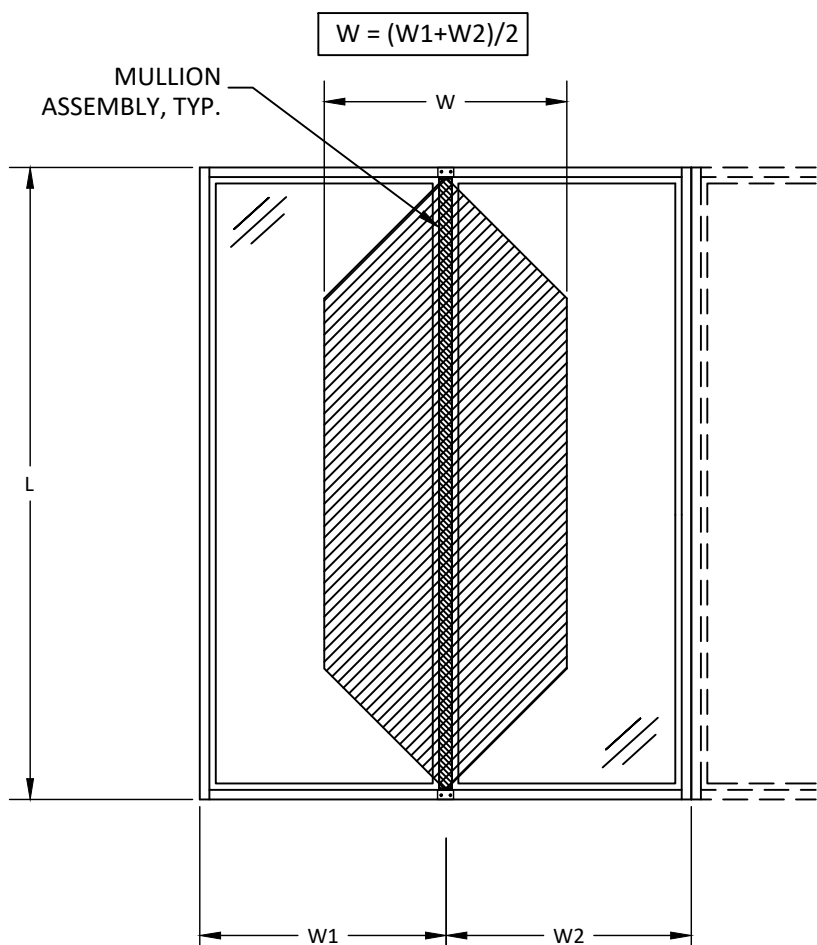
L - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	100.0	100.0	100.0	100.0	100.0	100.0	96.5	87.0	81.0	77.6	76.4	76.4	76.4
66.0	100.0	100.0	100.0	99.1	90.4	83.5	77.9	69.5	63.9	60.2	58.1	57.4	57.4
72.0	100.0	100.0	91.9	82.5	75.1	69.2	64.3	57.0	51.9	48.4	46.0	44.7	44.2
78.0	100.0	88.3	77.9	69.8	63.4	58.3	54.1	47.7	43.1	39.9	37.6	36.0	35.1
84.0	88.1	75.9	66.8	59.9	54.3	49.8	46.2	40.5	36.5	33.5	31.3	29.8	28.7
90.0	76.6	65.9	58.0	51.9	47.1	43.1	39.9	34.9	31.3	28.6	26.6	25.1	24.0
96.0	67.2	57.8	50.8	45.5	41.2	37.7	34.8	30.4	27.1	24.7	22.9	21.5	20.4
102.0	59.4	51.1	44.9	40.1	36.3	33.2	30.7	26.7	23.8	21.6	19.9	18.6	17.6
108.0	52.9	45.5	40.0	35.7	32.3	29.5	27.2	23.7	21.0	19.1	17.5	16.3	15.4
114.0	47.5	40.8	35.8	32.0	28.9	26.4	24.3	21.1	18.8	16.9	15.5	-	-
120.0	42.8	36.8	32.3	28.8	26.0	23.8	21.9	19.0	16.8	15.2	-	-	-

TABLE B.1: ONE WAY MULLIONS "1/4" STRUCTURAL MULLION"

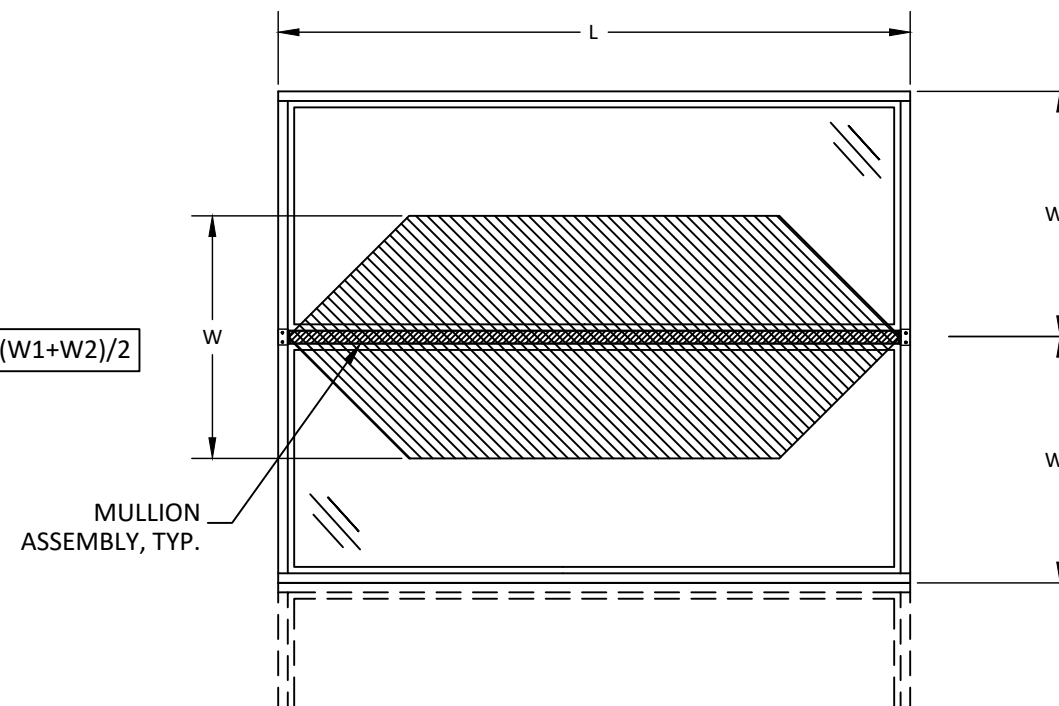
- 'ONE-WAY' MULLIONS REFER TO EITHER VERTICAL RIBBON OR HORIZONTAL STACKED ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 3 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



1/4" STRUCTURAL ALUMINUM (6063-T5)



$W = (W1+W2)/2$



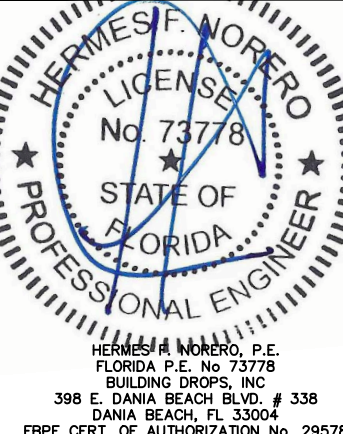
3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT /AWING MULLION
ONE WAY "1/4" STRUCTURAL MULLION

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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 #: **FL17868**

DATE: **09.05.17**

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

SCALE: **NTS**

DWG. #: **JW061**

SHEET: **10** OF **24**

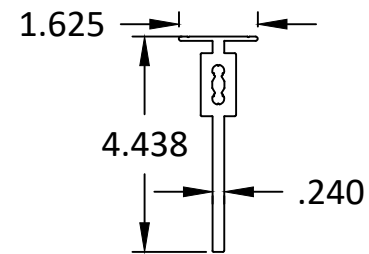
s:\projects\jeld-wen\fb-c-19-0536 - fbc submittal - product name update, w-5500, fl17868, fl21060, fl26356.dwg\jw061.dwg 6/14/2019 2:43 PM

Maximum design pressure capacity chart (psf):

L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	99.1	89.2	81.1	74.3	63.7	55.7	49.5	44.6	40.5	37.2
60.0	100.0	100.0	90.3	80.2	72.2	65.7	60.2	51.6	45.1	40.1	36.1	32.8	30.1
66.0	99.5	85.3	74.6	66.3	59.7	54.3	49.7	42.6	37.3	33.2	29.8	27.1	24.9
72.0	83.6	71.7	62.7	55.7	50.2	45.6	41.8	35.8	31.3	27.9	25.1	22.8	20.9
78.0	71.2	61.1	53.4	47.5	42.7	38.9	35.6	30.5	26.7	23.7	21.4	19.4	17.8
84.0	61.4	52.6	46.1	40.9	36.8	33.5	30.7	26.3	23.0	20.5	18.4	16.7	15.4
90.0	53.5	45.9	40.1	35.7	32.1	29.2	26.7	22.9	20.1	17.8	16.0	-	-
96.0	47.0	40.3	35.3	31.3	28.2	25.6	23.5	20.2	17.6	15.7	-	-	-
102.0	41.7	35.7	31.2	27.8	25.0	22.7	20.8	17.9	15.6	-	-	-	-
108.0	37.2	31.8	27.9	24.8	22.3	20.3	18.6	15.9	-	-	-	-	-
114.0	33.3	28.6	25.0	22.2	20.0	18.2	16.7	-	-	-	-	-	-
120.0	30.1	25.8	22.6	20.1	18.1	16.4	15.0	-	-	-	-	-	-

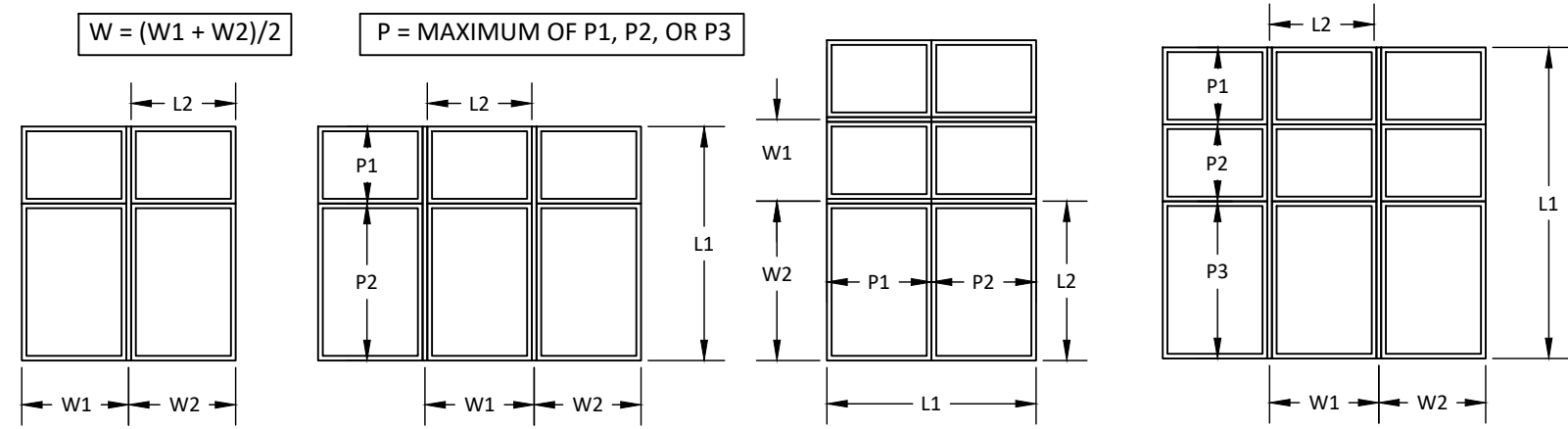
Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	94.9	90.1	86.8	84.5	83.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
48.0	92.7	84.5	78.4	73.7	70.2	67.6	65.7	64.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
54.0	79.9	72.4	66.8	62.4	59.0	56.3	54.3	52.7	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
56.0	76.4	69.1	63.6	59.4	56.0	53.4	51.3	49.7	47.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
60.0	70.2	63.4	58.2	54.1	50.9	48.3	46.2	44.6	42.3	41.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6
66.0	62.6	56.3	51.5	47.7	44.7	42.3	40.3	38.6	36.2	34.7	33.8	33.5	33.5	33.5	33.5	33.5	33.5
72.0	56.5	50.7	46.2	42.7	39.9	37.6	35.7	34.1	31.7	30.0	29.0	28.4	28.2	28.2	28.2	28.2	28.2
78.0	51.5	46.1	41.9	38.6	36.0	33.8	32.0	30.5	28.2	26.5	25.4	24.6	24.1	24.0	24.0	24.0	24.0
84.0	47.3	42.3	38.4	35.3	32.8	30.7	29.0	27.6	25.4	23.7	22.5	21.7	21.1	20.8	20.7	20.7	20.7
90.0	43.7	39.0	35.3	32.4	30.1	28.2	26.6	25.2	23.0	21.5	20.3	19.4	18.8	18.4	18.1	18.0	18.0
96.0	40.7	36.2	32.8	30.0	27.8	26.0	24.5	23.2	21.1	19.6	18.4	17.6	16.9	16.4	16.1	15.9	15.8
102.0	38.0	33.8	30.6	28.0	25.9	24.1	22.7	21.5	19.5	18.0	16.9	16.0	15.4	-	-	-	-
108.0	35.7	31.7	28.6	26.2	24.2	22.5	21.2	20.0	18.1	16.7	15.6	-	-	-	-	-	-
114.0	33.6	29.8	26.9	24.6	22.7	21.1	19.8	18.7	16.9	15.5	-	-	-	-	-	-	-
120.0	31.7	28.2	25.4	23.2	21.4	19.9	18.6	17.6	15.8	-	-	-	-	-	-	-	-



1/4" STRUCTURAL ALUMINUM (6063-T5)

QUALIFIED CONFIGURATIONS



- TABLE B.2: TWO WAY MULLIONS "1/4" STRUCTURAL MULLION" CONTINUOUS**
- "TWO-WAY" MULLIONS REFER TO EITHER 'X' TYPE ASSEMBLIES FOR CONFIGURATIONS DIAGRAMMED ON THIS SHEET.
 - THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 3 ONLY.
 - WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
 - DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
 - DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
 - INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

- TABLE B.3: DISCONTINUOUS MULLION**
- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS.
 - WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
 - DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
 - DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
 - INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

- INSTRUCTION NOTE:**
- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
 - W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
 - L2 IS SPAN FOR DISCONTINUOUS MULLION.
 - P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
 - THE LESSER OF TABLE B.2, B.3, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
"X" CONFIG. "1/4" STRUCTURAL MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:
11
OF 24

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Maximum design pressure capacity chart (psf):

L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	99.1	89.2	81.1	74.3	63.7	55.7	49.5	44.6	40.5	37.2
60.0	100.0	100.0	90.3	80.2	72.2	65.7	60.2	51.6	45.1	40.1	36.1	32.8	30.1
66.0	99.5	85.3	74.6	66.3	59.7	54.3	49.7	42.6	37.3	33.2	29.8	27.1	24.9
72.0	83.6	71.7	62.7	55.7	50.2	45.6	41.8	35.8	31.3	27.9	25.1	22.8	20.9
78.0	71.2	61.1	53.4	47.5	42.7	38.9	35.6	30.5	26.7	23.7	21.4	19.4	17.8
84.0	61.4	52.6	46.1	40.9	36.8	33.5	30.7	26.3	23.0	20.5	18.4	16.7	15.4
90.0	53.5	45.9	40.1	35.7	32.1	29.2	26.7	22.9	20.1	17.8	16.0	-	-
96.0	47.0	40.3	35.3	31.3	28.2	25.6	23.5	20.2	17.6	15.7	-	-	-
102.0	41.7	35.7	31.2	27.8	25.0	22.7	20.8	17.9	15.6	-	-	-	-
108.0	37.2	31.8	27.9	24.8	22.3	20.3	18.6	15.9	-	-	-	-	-
114.0	33.3	28.6	25.0	22.2	20.0	18.2	16.7	-	-	-	-	-	-
120.0	30.1	25.8	22.6	20.1	18.1	16.4	15.0	-	-	-	-	-	-

TABLE B.4: TWO WAY MULLIONS "1/4" STRUCTURAL MULLION" CONTINUOUS

- "TWO-WAY" MULLIONS REFER TO EITHER 'X' TYPE ASSEMBLIES FOR CONFIGURATIONS DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 3 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

Maximum design pressure capacity chart (psf):

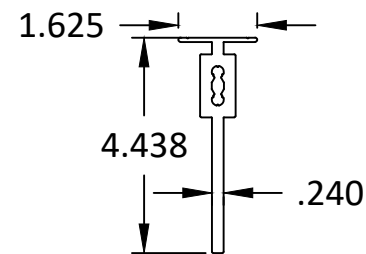
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.8	36.6	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.2	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.7	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6	19.3
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9	17.6
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	17.0	16.5	16.1

TABLE B.5: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

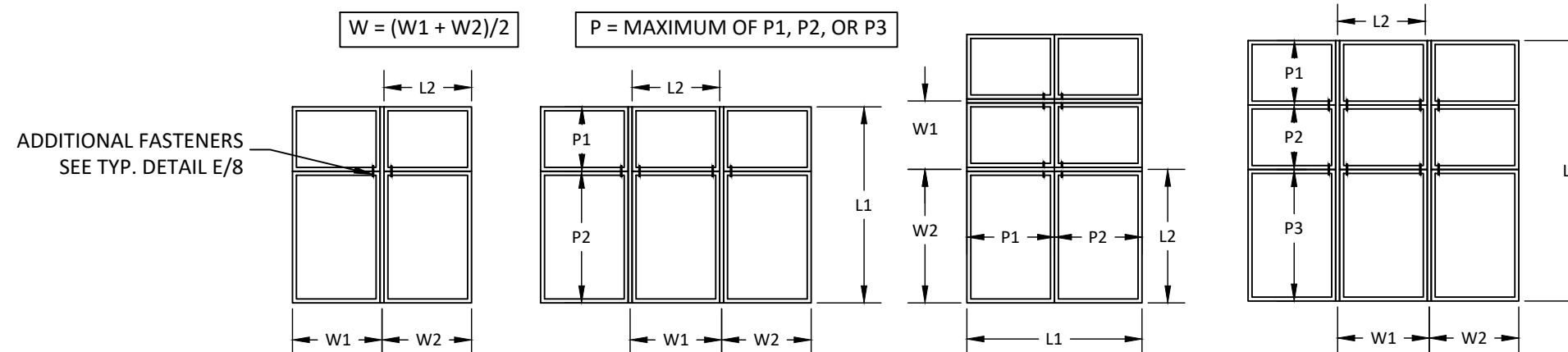
INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE B.4, B.5, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



1/4" STRUCTURAL ALUMINUM (6063-T5)

QUALIFIED CONFIGURATIONS



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION 'X' CONFIG. "1/4" STRUCTURAL MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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 #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

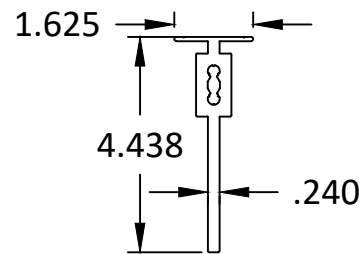
DWG. #: **JW061**

SHEET:
12

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Maximum design pressure capacity chart (psf):													
L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3	60.3	52.8	46.9	42.2	38.4	35.2
66.0	100.0	100.0	90.5	80.5	72.4	65.8	60.3	51.7	45.3	40.2	36.2	32.9	30.2
72.0	100.0	86.9	76.1	67.6	60.8	55.3	50.7	43.5	38.0	33.8	30.4	27.7	25.4
78.0	86.4	74.1	64.8	57.6	51.8	47.1	43.2	37.0	32.4	28.8	25.9	23.6	21.6
84.0	74.5	63.9	55.9	49.7	44.7	40.6	37.3	31.9	27.9	24.8	22.4	20.3	18.6
90.0	64.9	55.6	48.7	43.3	38.9	35.4	32.4	27.8	24.3	21.6	19.5	17.7	16.2
96.0	57.0	48.9	42.8	38.0	34.2	31.1	28.5	24.4	21.4	19.0	17.1	15.6	-
102.0	50.5	43.3	37.9	33.7	30.3	27.6	25.3	21.7	18.9	16.8	15.2	-	-
108.0	45.1	38.6	33.8	30.0	27.0	24.6	22.5	19.3	16.9	15.0	-	-	-
114.0	40.5	34.7	30.3	27.0	24.3	22.1	20.2	17.3	15.2	-	-	-	-
120.0	36.5	31.3	27.4	24.3	21.9	19.9	18.3	15.6	-	-	-	-	-

Maximum design pressure capacity chart (psf):																	
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	94.9	90.1	86.8	84.5	83.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
48.0	92.7	84.5	78.4	73.7	70.2	67.6	65.7	64.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
54.0	79.9	72.4	66.8	62.4	59.0	56.3	54.3	52.7	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
56.0	76.4	69.1	63.6	59.4	56.0	53.4	51.3	49.7	47.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
60.0	70.2	63.4	58.2	54.1	50.9	48.3	46.2	44.6	42.3	41.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6
66.0	62.6	56.3	51.5	47.7	44.7	42.3	40.3	38.6	36.2	34.7	33.8	33.5	33.5	33.5	33.5	33.5	33.5
72.0	56.5	50.7	46.2	42.7	39.9	37.6	35.7	34.1	31.7	30.0	29.0	28.4	28.2	28.2	28.2	28.2	28.2
78.0	51.5	46.1	41.9	38.6	36.0	33.8	32.0	30.5	28.2	26.5	25.4	24.6	24.1	24.0	24.0	24.0	24.0
84.0	47.3	42.3	38.4	35.3	32.8	30.7	29.0	27.6	25.4	23.7	22.5	21.7	21.1	20.8	20.7	20.7	20.7
90.0	43.7	39.0	35.3	32.4	30.1	28.2	26.6	25.2	23.0	21.5	20.3	19.4	18.8	18.4	18.1	18.0	18.0
96.0	40.7	36.2	32.8	30.0	27.8	26.0	24.5	23.2	21.1	19.6	18.4	17.6	16.9	16.4	16.1	15.9	15.8
102.0	38.0	33.8	30.6	28.0	25.9	24.1	22.7	21.5	19.5	18.0	16.9	16.0	15.4	-	-	-	-
108.0	35.7	31.7	28.6	26.2	24.2	22.5	21.2	20.0	18.1	16.7	15.6	-	-	-	-	-	-
114.0	33.6	29.8	26.9	24.6	22.7	21.1	19.8	18.7	16.9	15.5	-	-	-	-	-	-	-
120.0	31.7	28.2	25.4	23.2	21.4	19.9	18.6	17.6	15.8	-	-	-	-	-	-	-	-



1/4" STRUCTURAL ALUMINUM (6063-T5)

QUALIFIED CONFIGURATIONS

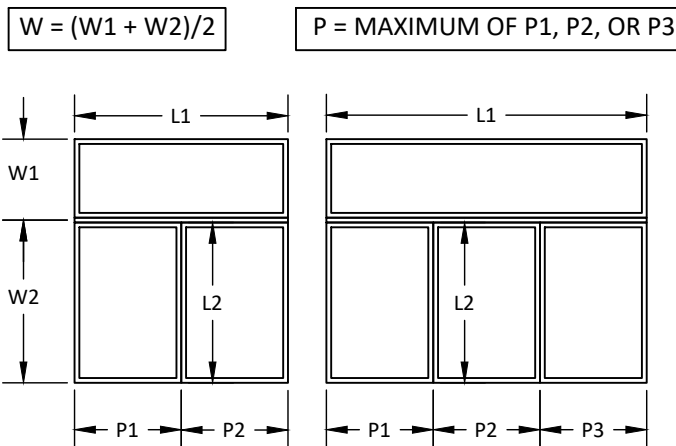


TABLE B.6: TWO WAY MULLIONS "1/4" STRUCTURAL MULLION" CONTINUOUS

1. 'TWO-WAY' MULLIONS REFER TO EITHER 'T' TYPE ASSEMBLIES FOR CONFIGURATIONS DIAGRAMMED ON THIS SHEET.
2. THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 3 ONLY.
3. WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
4. DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
5. DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
6. INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE B.7: DISCONTINUOUS MULLION

1. THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' INTERSECTIONS.
2. WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
3. DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
4. DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
5. INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

1. L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
2. W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
3. L2 IS SPAN FOR DISCONTINUOUS MULLION.
4. P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
5. THE LESSER OF TABLE B.6, B.7, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



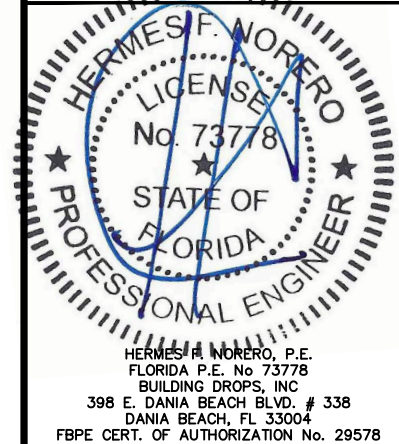
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION 'T' CONFIG. "1/4" STRUCTURAL MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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 #:	FL17868	
DATE:	09.05.17	
DWG. BY:	CL	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	JW061	
SHEET:	13	

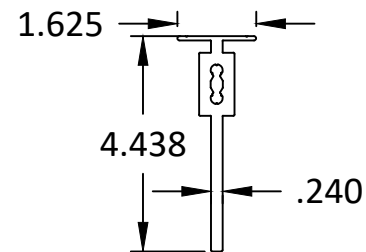
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Maximum design pressure capacity chart (psf):

L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3	60.3	52.8	46.9	42.2	38.4	35.2
66.0	100.0	100.0	90.5	80.5	72.4	65.8	60.3	51.7	45.3	40.2	36.2	32.9	30.2
72.0	100.0	86.9	76.1	67.6	60.8	55.3	50.7	43.5	38.0	33.8	30.4	27.7	25.4
78.0	86.4	74.1	64.8	57.6	51.8	47.1	43.2	37.0	32.4	28.8	25.9	23.6	21.6
84.0	74.5	63.9	55.9	49.7	44.7	40.6	37.3	31.9	27.9	24.8	22.4	20.3	18.6
90.0	64.9	55.6	48.7	43.3	38.9	35.4	32.4	27.8	24.3	21.6	19.5	17.7	16.2
96.0	57.0	48.9	42.8	38.0	34.2	31.1	28.5	24.4	21.4	19.0	17.1	15.6	-
102.0	50.5	43.3	37.9	33.7	30.3	27.6	25.3	21.7	18.9	16.8	15.2	-	-
108.0	45.1	38.6	33.8	30.0	27.0	24.6	22.5	19.3	16.9	15.0	-	-	-
114.0	40.5	34.7	30.3	27.0	24.3	22.1	20.2	17.3	15.2	-	-	-	-
120.0	36.5	31.3	27.4	24.3	21.9	19.9	18.3	15.6	-	-	-	-	-

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.8	36.6	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.2	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.7	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6	19.3
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9	17.6
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	17.0	16.5	16.1



1/4" STRUCTURAL ALUMINUM (6063-T5)

TABLE B.8: TWO WAY MULLIONS "1/4" STRUCTURAL MULLION" CONTINUOUS

- "TWO-WAY" MULLIONS REFER TO EITHER "T" TYPE ASSEMBLIES FOR CONFIGURATIONS DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 3 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

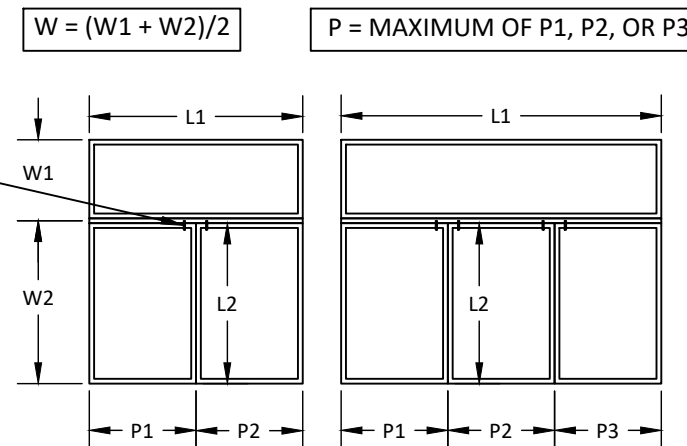
TABLE B.9: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'T' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE B.8, B.9, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE

QUALIFIED CONFIGURATIONS

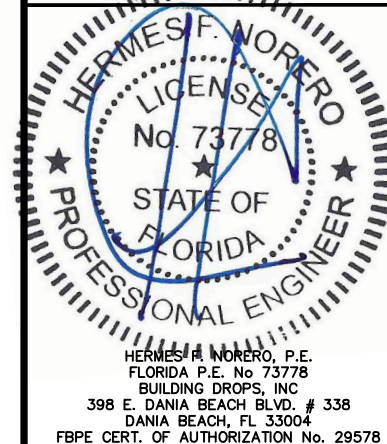


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REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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FL #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

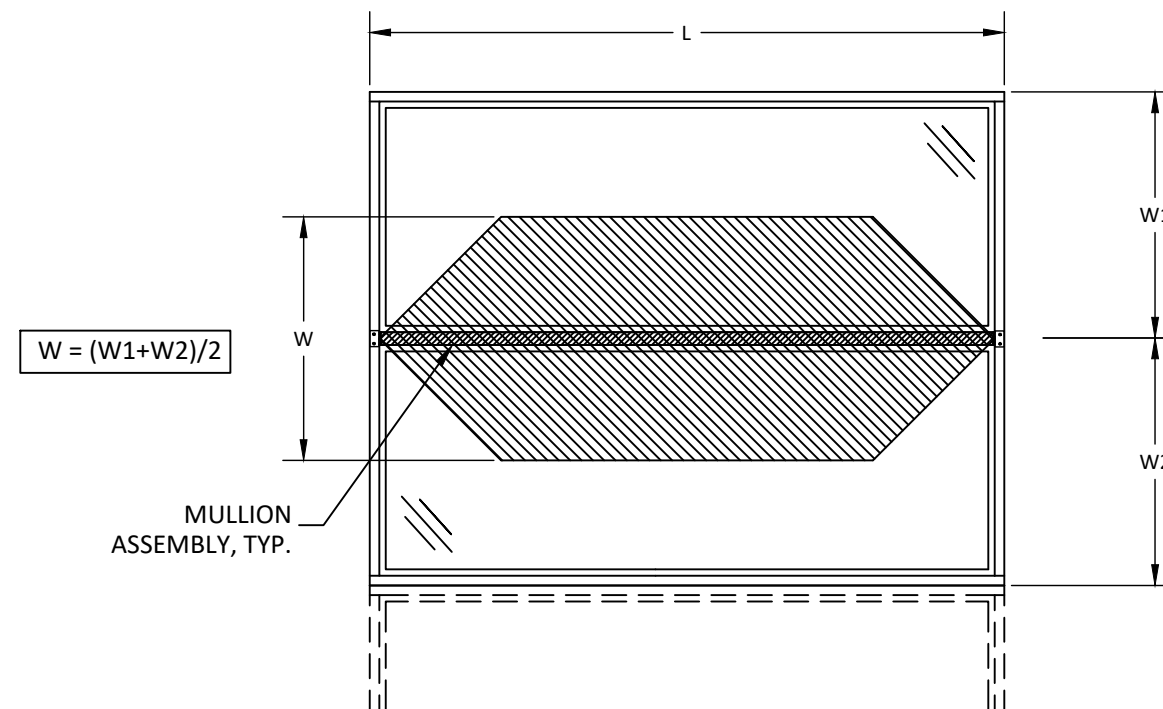
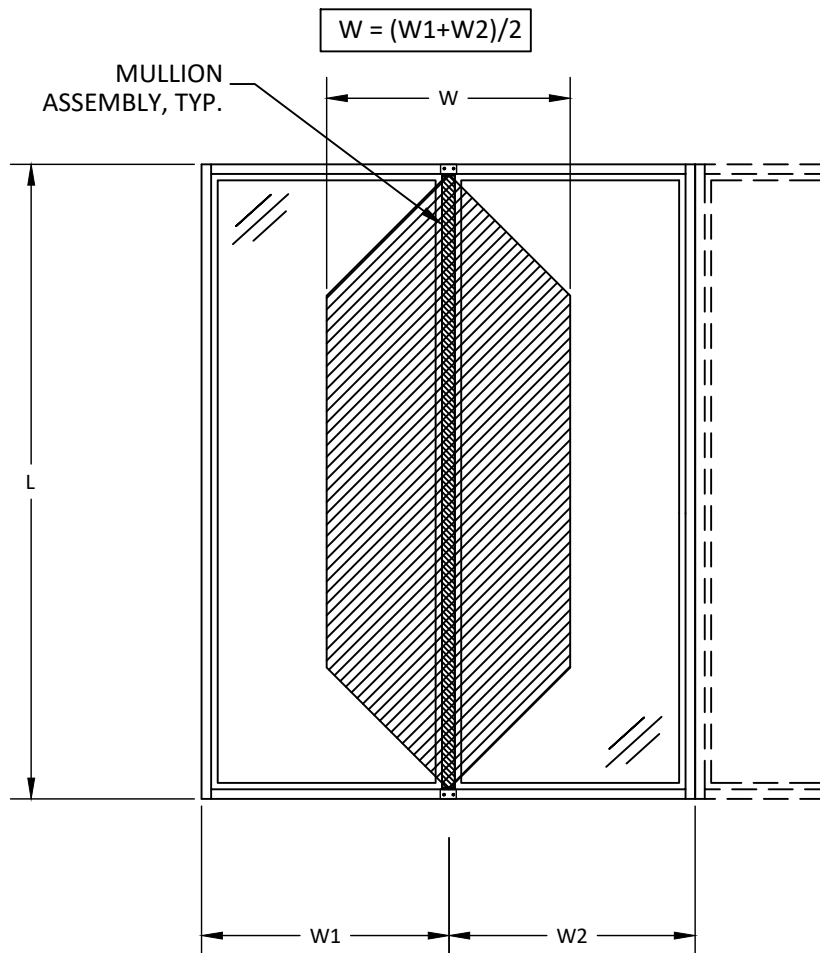
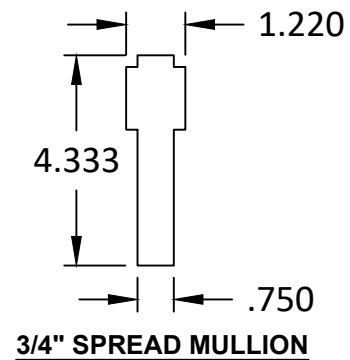
SHEET:
14

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	92.3	90.7	90.7	90.7	90.7
60.0	100.0	100.0	100.0	100.0	96.1	89.1	83.4	75.2	70.0	67.1	66.1	66.1	66.1
66.0	100.0	100.0	95.3	85.7	78.2	72.2	67.4	60.1	55.2	52.1	50.3	49.7	49.7
72.0	100.0	90.0	79.5	71.4	65.0	59.8	55.6	49.3	44.9	41.8	39.8	38.7	38.3
78.0	88.5	76.4	67.3	60.4	54.9	50.4	46.8	41.2	37.3	34.5	32.5	31.1	30.4
84.0	76.1	65.6	57.8	51.8	47.0	43.1	39.9	35.0	31.5	29.0	27.1	25.7	24.8
90.0	66.2	57.0	50.2	44.9	40.7	37.3	34.5	30.2	27.0	24.7	23.0	21.7	20.7
96.0	54.8	47.3	41.6	37.2	33.8	31.0	28.7	25.1	22.5	20.6	19.1	18.0	17.2
102.0	45.6	39.3	34.6	30.9	28.0	25.7	23.7	20.7	18.5	16.9	15.6	-	-
108.0	38.4	33.1	29.1	26.0	23.5	21.5	19.9	17.3	15.5	-	-	-	-
114.0	32.6	28.1	24.7	22.0	19.9	18.2	16.8	-	-	-	-	-	-
120.0	27.9	24.0	21.1	18.8	17.0	15.6	-	-	-	-	-	-	-

TABLE C.1: ONE WAY MULLIONS "3/4" SOLID SPREAD MULLION"

1. "ONE-WAY" MULLIONS REFER TO EITHER VERTICAL RIBBON OR HORIZONTAL STACKED ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
2. THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 4 ONLY.
3. WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
4. DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
5. DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
6. INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



JELD-WEN
WINDOWS & DOORS

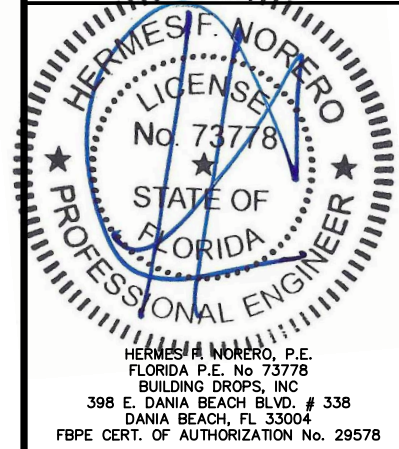
3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION ONE WAY "3/4" SOLID SPREAD MULLION"

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REMARKS	BY	DATE
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6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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FL #: **FL17868**

DATE: **09.05.17**

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

SCALE: **NTS**

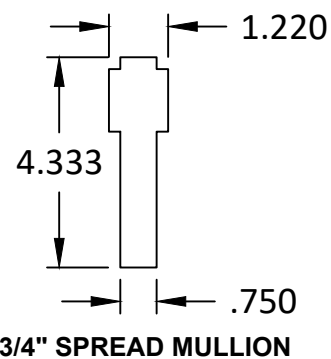
DWG. #: **JW061**

SHEET: **15**
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Maximum design pressure capacity chart (psf):													
L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3	
36.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8	84.7	74.1	65.8	59.3	53.9	49.4
42.0	100.0	100.0	100.0	96.7	87.1	79.2	72.6	62.2	54.4	48.4	43.5	39.6	36.3
48.0	100.0	95.2	83.3	74.1	66.7	60.6	55.6	47.6	41.7	37.0	33.3	30.3	27.8
54.0	87.8	75.2	65.8	58.5	52.7	47.9	43.9	37.6	32.9	29.3	26.3	23.9	21.9
60.0	71.1	61.0	53.3	47.4	42.7	38.8	35.6	30.5	26.7	23.7	21.3	19.4	17.8
66.0	58.8	50.4	44.1	39.2	35.3	32.1	29.4	25.2	22.0	19.6	17.6	16.0	-
72.0	49.4	42.3	37.0	32.9	29.6	26.9	24.7	21.2	18.5	16.5	-	-	-
78.0	42.1	36.1	31.6	28.1	25.2	23.0	21.0	18.0	15.8	-	-	-	-
84.0	36.3	31.1	27.2	24.2	21.8	19.8	18.1	15.5	-	-	-	-	-
90.0	31.6	27.1	23.7	21.1	19.0	17.2	15.8	-	-	-	-	-	-
96.0	26.2	22.4	19.6	17.5	15.7	-	-	-	-	-	-	-	-
102.0	21.8	18.7	16.4	-	-	-	-	-	-	-	-	-	-
108.0	18.4	15.8	-	-	-	-	-	-	-	-	-	-	-
114.0	15.6	-	-	-	-	-	-	-	-	-	-	-	-
120.0	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum design pressure capacity chart (psf):																	
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	94.9	90.1	86.8	84.5	83.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
48.0	92.7	84.5	78.4	73.7	70.2	67.6	65.7	64.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
54.0	79.9	72.4	66.8	62.4	59.0	56.3	54.3	52.7	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
60.0	76.4	69.1	63.6	59.4	56.0	53.4	51.3	49.7	47.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
66.0	70.2	63.4	58.2	54.1	50.9	48.3	46.2	44.6	42.3	41.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6
72.0	62.6	56.3	51.5	47.7	44.7	42.3	40.3	38.6	36.2	34.7	33.8	33.5	33.5	33.5	33.5	33.5	33.5
78.0	56.5	50.7	46.2	42.7	39.9	37.6	35.7	34.1	31.7	30.0	29.0	28.4	28.2	28.2	28.2	28.2	28.2
84.0	51.5	46.1	41.9	38.6	36.0	33.8	32.0	30.5	28.2	26.5	25.4	24.6	24.1	24.0	24.0	24.0	24.0
90.0	47.3	42.3	38.4	35.3	32.8	30.7	29.0	27.6	25.4	23.7	22.5	21.7	21.1	20.8	20.7	20.7	20.7
96.0	43.7	39.0	35.3	32.4	30.1	28.2	26.6	25.2	23.0	21.5	20.3	19.4	18.8	18.4	18.1	18.0	18.0
102.0	40.7	36.2	32.8	30.0	27.8	26.0	24.5	23.2	21.1	19.6	18.4	17.6	16.9	16.4	16.1	15.9	15.8
108.0	38.0	33.8	30.6	28.0	25.9	24.1	22.7	21.5	19.5	18.0	16.9	16.0	15.4	-	-	-	-
114.0	35.7	31.7	28.6	26.2	24.2	22.5	21.2	20.0	18.1	16.7	15.6	-	-	-	-	-	-
120.0	33.6	29.8	26.9	24.6	22.7	21.1	19.8	18.7	16.9	15.5	-	-	-	-	-	-	-



QUALIFIED CONFIGURATIONS

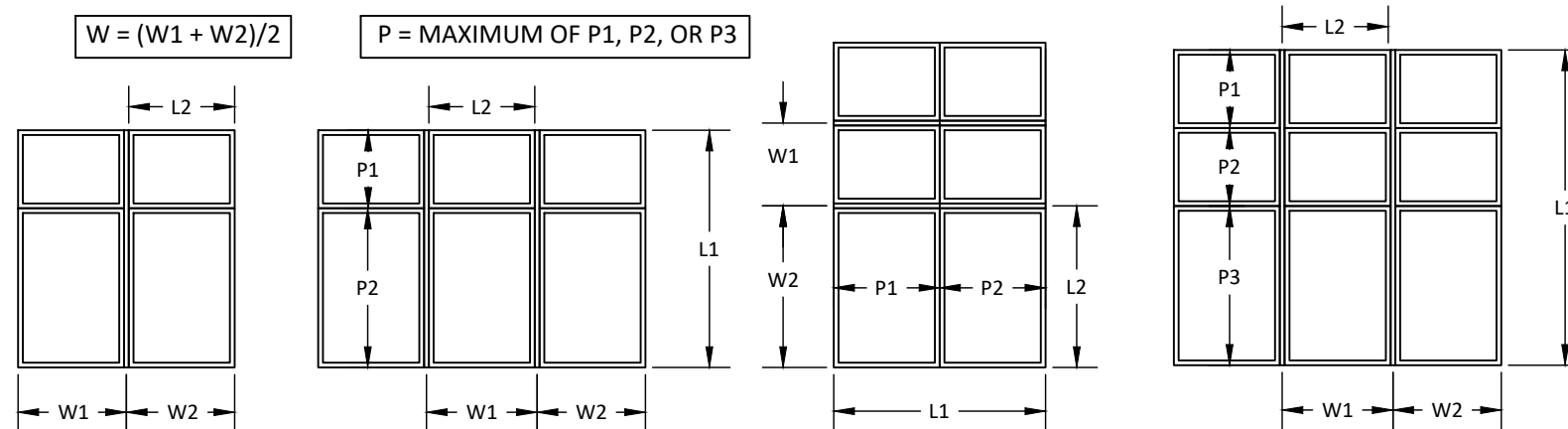


TABLE C.2: TWO WAY MULLIONS "3/4" SOLID SPREAD MULLION"

- "TW-WAY" MULLIONS REFER TO EITHER "X" TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 4 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE C.3: DISCONTINUOUS MULLION

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE C.2, C.3, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITLENE OR W-5500 WOOD CASEMENT /AWING MULLION 'X' CONFIG. "3/4" SOLID SPREAD MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17868**

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

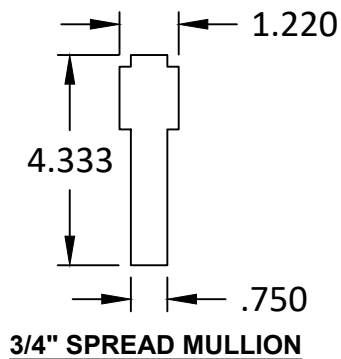
DWG. #: **JW061**

SHEET: **16** OF 24

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Maximum design pressure capacity chart (psf):													
L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8	84.7	74.1	65.8	59.3	49.4
42.0	100.0	100.0	100.0	96.7	87.1	79.2	72.6	62.2	54.4	48.4	43.5	39.6	36.3
48.0	100.0	95.2	83.3	74.1	66.7	60.6	55.6	47.6	41.7	37.0	33.3	30.3	27.8
54.0	87.8	75.2	65.8	58.5	52.7	47.9	43.9	37.6	32.9	29.3	26.3	23.9	21.9
60.0	71.1	61.0	53.3	47.4	42.7	38.8	35.6	30.5	26.7	23.7	21.3	19.4	17.8
66.0	58.8	50.4	44.1	39.2	35.3	32.1	29.4	25.2	22.0	19.6	17.6	16.0	-
72.0	49.4	42.3	37.0	32.9	29.6	26.9	24.7	21.2	18.5	16.5	-	-	-
78.0	42.1	36.1	31.6	28.1	25.2	23.0	21.0	18.0	15.8	-	-	-	-
84.0	36.3	31.1	27.2	24.2	21.8	19.8	18.1	15.5	-	-	-	-	-
90.0	31.6	27.1	23.7	21.1	19.0	17.2	15.8	-	-	-	-	-	-
96.0	26.2	22.4	19.6	17.5	15.7	-	-	-	-	-	-	-	-
102.0	21.8	18.7	16.4	-	-	-	-	-	-	-	-	-	-
108.0	18.4	15.8	-	-	-	-	-	-	-	-	-	-	-
114.0	15.6	-	-	-	-	-	-	-	-	-	-	-	-
120.0	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum design pressure capacity chart (psf):																	
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.6	36.6	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.2	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.7	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6	19.3
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9	17.6
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	17.0	16.5	16.1



QUALIFIED CONFIGURATIONS

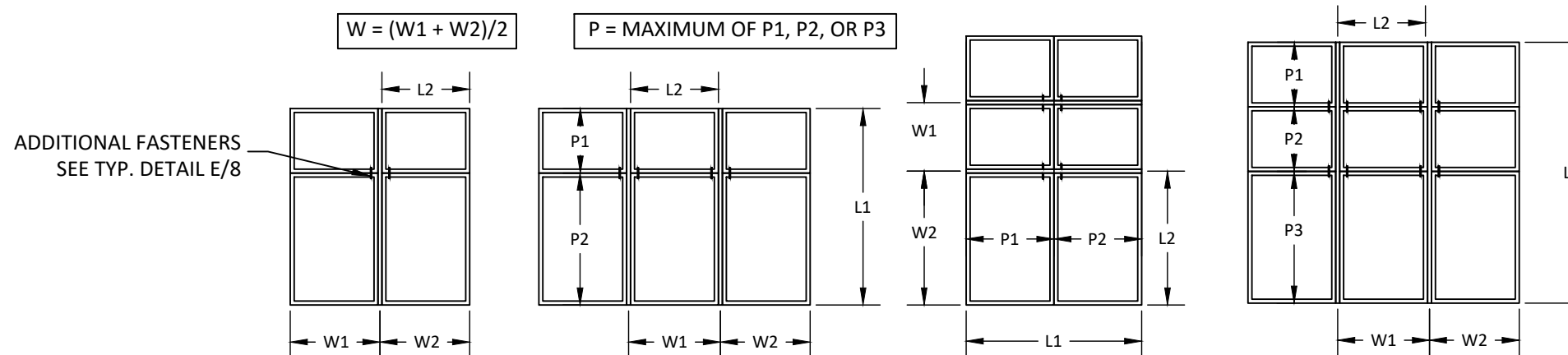


TABLE C.4: TWO WAY MULLIONS "3/4" SOLID SPREAD MULLION"

- "TW-WAY" MULLIONS REFER TO EITHER 'X' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 4 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE C.5: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE C.4, C.5, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION 'X' CONFIG. "3/4" SOLID SPREAD MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17868**

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

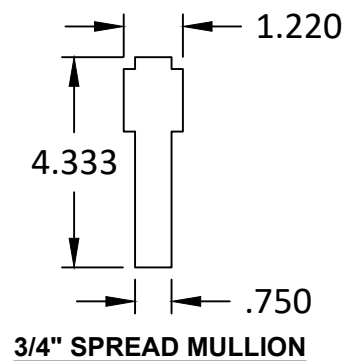
DWG. #: **JW061**

SHEET:

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Maximum design pressure capacity chart (psf):													
L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	92.9	85.2	73.0	63.9	56.8	51.1	46.5	42.6
54.0	100.0	100.0	100.0	89.7	80.8	73.4	67.3	57.7	50.5	44.9	40.4	36.7	33.6
60.0	100.0	93.4	81.8	72.7	65.4	59.5	54.5	46.7	40.9	36.3	32.7	29.7	27.3
66.0	90.1	77.2	67.6	60.1	54.1	49.1	45.0	38.6	33.8	30.0	27.0	24.6	22.5
72.0	75.7	64.9	56.8	50.5	45.4	41.3	37.9	32.4	28.4	25.2	22.7	20.6	18.9
78.0	64.5	55.3	48.4	43.0	38.7	35.2	32.3	27.6	24.2	21.5	19.4	17.6	16.1
84.0	55.6	47.7	41.7	37.1	33.4	30.3	27.8	23.8	20.9	18.5	16.7	15.2	-
90.0	48.5	41.5	36.3	32.3	29.1	26.4	24.2	20.8	18.2	16.2	-	-	-
96.0	40.2	34.4	30.1	26.8	24.1	21.9	20.1	17.2	15.1	-	-	-	-
102.0	33.5	28.7	25.1	22.3	20.1	18.3	16.7	-	-	-	-	-	-
108.0	28.2	24.2	21.1	18.8	16.9	15.4	-	-	-	-	-	-	-
114.0	24.0	20.6	18.0	16.0	-	-	-	-	-	-	-	-	-
120.0	20.6	17.6	15.4	-	-	-	-	-	-	-	-	-	-

Maximum design pressure capacity chart (psf):																	
L2 - Mull Length (in)	P - Tributary Width (in)																
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	91.4	85.0	80.6	77.7	76.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
42.0	82.4	74.0	68.0	63.6	60.4	58.2	56.7	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
48.0	69.7	62.2	56.7	52.6	49.5	47.1	45.3	43.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
54.0	60.4	53.6	48.6	44.8	41.8	39.6	37.8	35.3	34.0	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
60.0	53.3	47.1	42.5	39.0	36.3	34.1	32.4	29.9	28.3	27.5	27.2	27.2	27.2	27.2	27.2	27.2	27.2
66.0	47.7	42.0	37.8	34.5	32.0	30.0	28.3	25.9	24.3	23.2	22.7	22.5	22.5	22.5	22.5	22.5	22.5
72.0	43.2	37.9	34.0	31.0	28.6	26.7	25.2	22.9	21.3	20.1	19.4	19.0	18.9	18.9	18.9	18.9	18.9
78.0	39.4	34.5	30.9	28.1	25.9	24.1	22.7	20.5	18.9	17.8	17.0	16.5	16.2	16.1	16.1	16.1	16.1
84.0	36.3	31.7	28.3	25.7	23.7	22.0	20.6	18.5	17.0	15.9	15.1	-	-	-	-	-	-
90.0	33.6	29.3	26.2	23.7	21.8	20.2	18.9	16.9	15.5	-	-	-	-	-	-	-	-
96.0	31.3	27.3	24.3	22.0	20.1	18.7	17.4	15.5	-	-	-	-	-	-	-	-	-
102.0	29.2	25.5	22.7	20.5	18.8	17.4	16.2	-	-	-	-	-	-	-	-	-	-
108.0	27.5	23.9	21.3	19.2	17.5	16.2	15.1	-	-	-	-	-	-	-	-	-	-
114.0	25.9	22.5	20.0	18.0	16.5	15.2	-	-	-	-	-	-	-	-	-	-	-
120.0	24.5	21.3	18.9	17.0	15.5	-	-	-	-	-	-	-	-	-	-	-	-



QUALIFIED CONFIGURATIONS

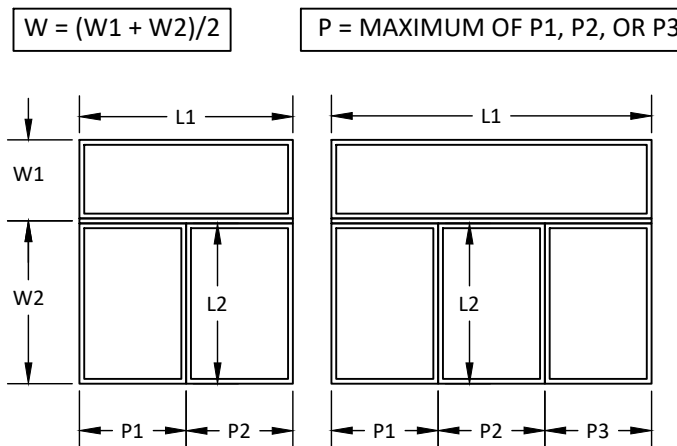


TABLE C.6: TWO WAY MULLIONS "3/4" SOLID SPREAD MULLION"

- "TW-WAY" MULLIONS REFER TO EITHER 'T' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 4 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE C.7: DISCONTINUOUS MULLION

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE C.6, C.7, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
"T" CONFIG. "3/4" SOLID SPREAD MULLION

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:
18

OF 24

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Maximum design pressure capacity chart (psf):

L1 - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	92.9	85.2	73.0	63.9	56.8	51.1	46.5	42.6
54.0	100.0	100.0	100.0	89.7	80.8	73.4	67.3	57.7	50.5	44.9	40.4	36.7	33.6
60.0	100.0	93.4	81.8	72.7	65.4	59.5	54.5	46.7	40.9	36.3	32.7	29.7	27.3
66.0	90.1	77.2	67.6	60.1	54.1	49.1	45.0	38.6	33.8	30.0	27.0	24.6	22.5
72.0	75.7	64.9	56.8	50.5	45.4	41.3	37.9	32.4	28.4	25.2	22.7	20.6	18.9
78.0	64.5	55.3	48.4	43.0	38.7	35.2	32.3	27.6	24.2	21.5	19.4	17.6	16.1
84.0	55.6	47.7	41.7	37.1	33.4	30.3	27.8	23.8	20.9	18.5	16.7	15.2	-
90.0	48.5	41.5	36.3	32.3	29.1	26.4	24.2	20.8	18.2	16.2	-	-	-
96.0	40.2	34.4	30.1	26.8	24.1	21.9	20.1	17.2	15.1	-	-	-	-
102.0	33.5	28.7	25.1	22.3	20.1	18.3	16.7	-	-	-	-	-	-
108.0	28.2	24.2	21.1	18.8	16.9	15.4	-	-	-	-	-	-	-
114.0	24.0	20.6	18.0	16.0	-	-	-	-	-	-	-	-	-
120.0	20.6	17.6	15.4	-	-	-	-	-	-	-	-	-	-

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.8	36.6	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.2	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.7	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6	19.3
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9	17.6
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	17.0	16.5	16.1

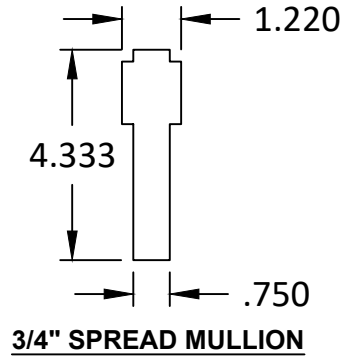


TABLE C.8: TWO WAY MULLIONS "3/4" SOLID SPREAD MULLION"

- "TWO-WAY" MULLIONS REFER TO EITHER "T" TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEET 4 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE C.9: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

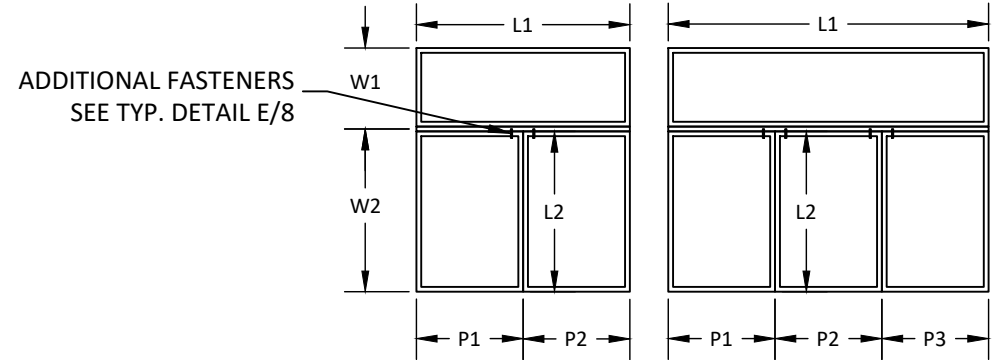
- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'T' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE C.8, C.9, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE

QUALIFIED CONFIGURATIONS

$W = (W1 + W2)/2$ $P = \text{MAXIMUM OF } P1, P2, \text{ OR } P3$



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION 'T' CONFIG. "3/4" SOLID SPREAD MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
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WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:
19

OF 24

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)													
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	100.0	100.0	100.0	100.0	100.0	100.0	96.4	86.9	80.9	77.5	76.4	76.4	76.4	76.4
66.0	100.0	100.0	100.0	99.0	90.4	83.5	77.8	69.5	63.8	60.2	58.1	57.4	57.4	57.4
72.0	100.0	100.0	91.8	82.5	75.1	69.1	64.3	57.0	51.9	48.3	46.0	44.7	44.2	44.2
78.0	100.0	88.3	77.8	69.8	63.4	58.3	54.1	47.6	43.1	39.8	37.5	36.0	35.1	35.1
84.0	88.0	75.8	66.8	59.8	54.3	49.8	46.1	40.5	36.4	33.5	31.3	29.7	28.7	28.7
90.0	74.8	64.5	56.9	50.9	46.3	42.5	39.3	34.5	31.1	28.5	26.6	25.1	24.0	24.0
96.0	61.5	53.0	46.7	41.8	37.9	34.7	32.1	28.1	25.2	23.1	21.4	20.2	19.3	19.3
102.0	51.2	44.1	38.8	34.7	31.4	28.8	26.6	23.2	20.8	18.9	17.5	16.4	15.6	15.6
108.0	43.1	37.1	32.6	29.1	26.4	24.2	22.3	19.4	17.3	15.7	-	-	-	-
114.0	36.6	31.5	27.7	24.7	22.4	20.5	18.9	16.4	-	-	-	-	-	-
120.0	31.3	26.9	23.7	21.1	19.1	17.5	16.1	-	-	-	-	-	-	-

- TABLE D.1: ONE WAY MULLIONS "1" SOLID SPREAD MULLION"
- 'ONE-WAY' MULLIONS REFER TO EITHER VERTICAL RIBBON OR HORIZONTAL STACKED ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET. THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 4-6 ONLY; 1", 2", AND 3" SOLID SPREAD MULLION ASSEMBLIES.
 - WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
 - DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES. DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
 - INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION ONE WAY "1" SOLID SPREAD MULLION

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
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398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17868**

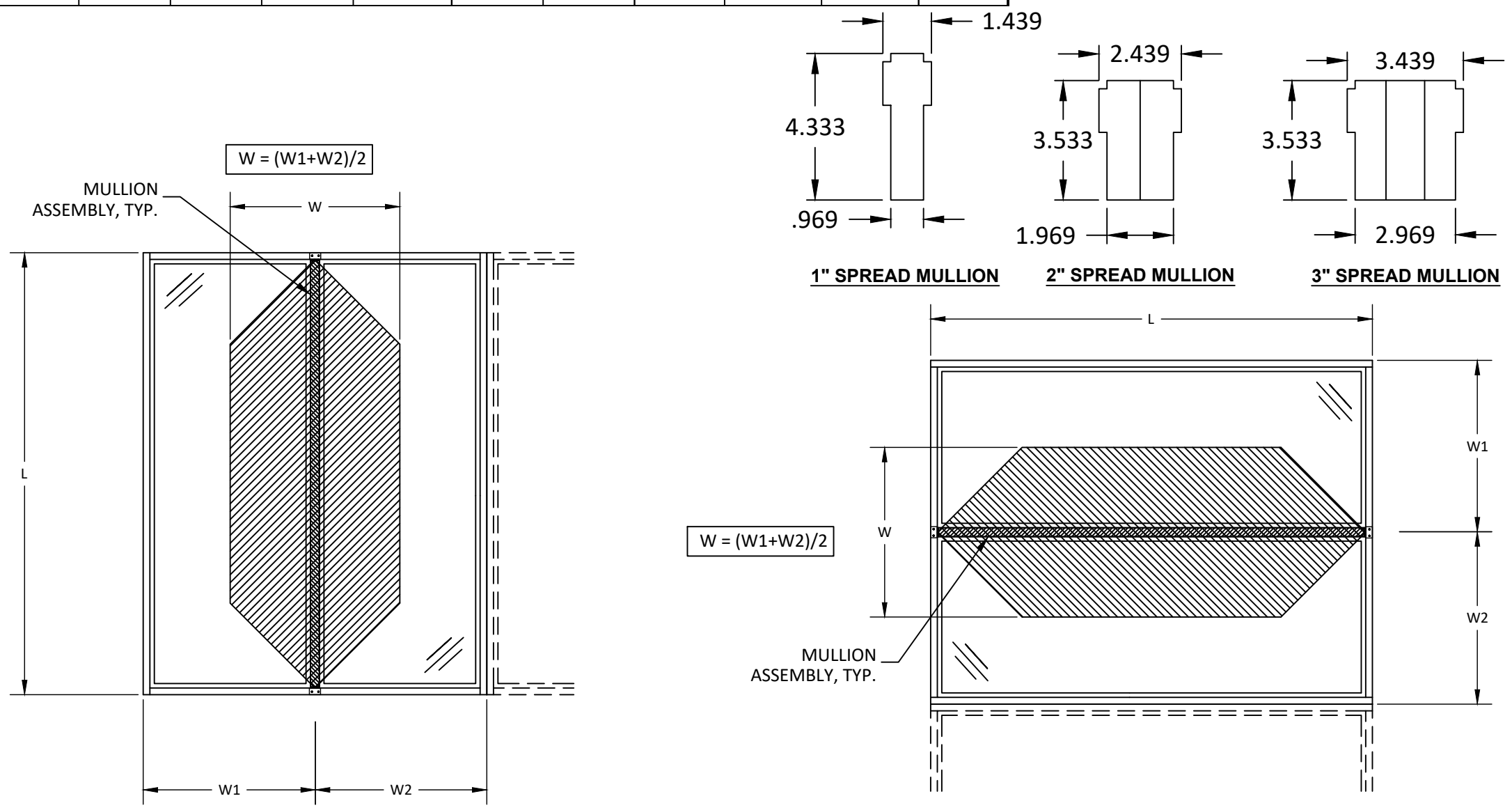
DATE: **09.05.17**

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

SCALE: **NTS**

DWG. #: **JW061**

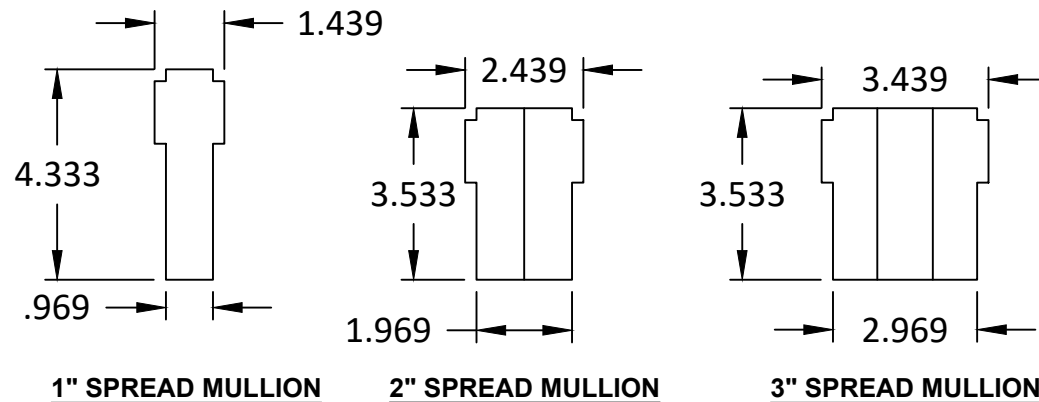
SHEET: **20** OF 24



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Maximum design pressure capacity chart (psf):													
L - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	100.0	89.5	80.6	73.2	67.1	57.5	50.4	44.8	40.3	36.6	33.6
66.0	100.0	86.5	75.7	67.3	60.5	55.0	50.4	43.2	37.8	33.6	30.3	27.5	25.2
72.0	77.7	66.6	58.3	51.8	46.6	42.4	38.9	33.3	29.1	25.9	23.3	21.2	19.4
78.0	61.1	52.4	45.8	40.7	36.7	33.3	30.6	26.2	22.9	20.4	18.3	16.7	15.3
84.0	48.9	41.9	36.7	32.6	29.4	26.7	24.5	21.0	18.4	16.3	-	-	-
90.0	39.8	34.1	29.8	26.5	23.9	21.7	19.9	17.1	-	-	-	-	-
96.0	32.8	28.1	24.6	21.9	19.7	17.9	16.4	-	-	-	-	-	-
102.0	27.3	23.4	20.5	18.2	16.4	-	-	-	-	-	-	-	-
108.0	23.0	19.7	17.3	15.3	-	-	-	-	-	-	-	-	-
114.0	19.6	16.8	-	-	-	-	-	-	-	-	-	-	-
120.0	16.8	-	-	-	-	-	-	-	-	-	-	-	-

Maximum design pressure capacity chart (psf):																	
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	94.9	90.1	86.8	84.5	83.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
48.0	92.7	84.5	78.4	73.7	70.2	67.6	65.7	64.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
54.0	79.9	72.4	66.8	62.4	59.0	56.3	54.3	52.7	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
56.0	76.4	69.1	63.6	59.4	56.0	53.4	51.3	49.7	47.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
60.0	70.2	63.4	58.2	54.1	50.9	48.3	46.2	44.6	42.3	41.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6
66.0	62.6	56.3	51.5	47.7	44.7	42.3	40.3	38.6	36.2	34.7	33.8	33.5	33.5	33.5	33.5	33.5	33.5
72.0	56.5	50.7	46.2	42.7	39.9	37.6	35.7	34.1	31.7	30.0	29.0	28.4	28.2	28.2	28.2	28.2	28.2
78.0	51.5	46.1	41.9	38.6	36.0	33.8	32.0	30.5	28.2	26.5	25.4	24.6	24.1	24.0	24.0	24.0	24.0
84.0	47.3	42.3	38.4	35.3	32.8	30.7	29.0	27.6	25.4	23.7	22.5	21.7	21.1	20.8	20.7	20.7	20.7
90.0	43.7	39.0	35.3	32.4	30.1	28.2	26.6	25.2	23.0	21.5	20.3	19.4	18.8	18.4	18.1	18.0	18.0
96.0	40.7	36.2	32.8	30.0	27.8	26.0	24.5	23.2	21.1	19.6	18.4	17.6	16.9	16.4	16.1	15.9	15.8
102.0	38.0	33.8	30.6	28.0	25.9	24.1	22.7	21.5	19.5	18.0	16.9	16.0	15.4	-	-	-	-
108.0	35.7	31.7	28.6	26.2	24.2	22.5	21.2	20.0	18.1	16.7	15.6	-	-	-	-	-	-
114.0	33.6	29.8	26.9	24.6	22.7	21.1	19.8	18.7	16.9	15.5	-	-	-	-	-	-	-
120.0	31.7	28.2	25.4	23.2	21.4	19.9	18.6	17.6	15.8	-	-	-	-	-	-	-	-



QUALIFIED CONFIGURATIONS

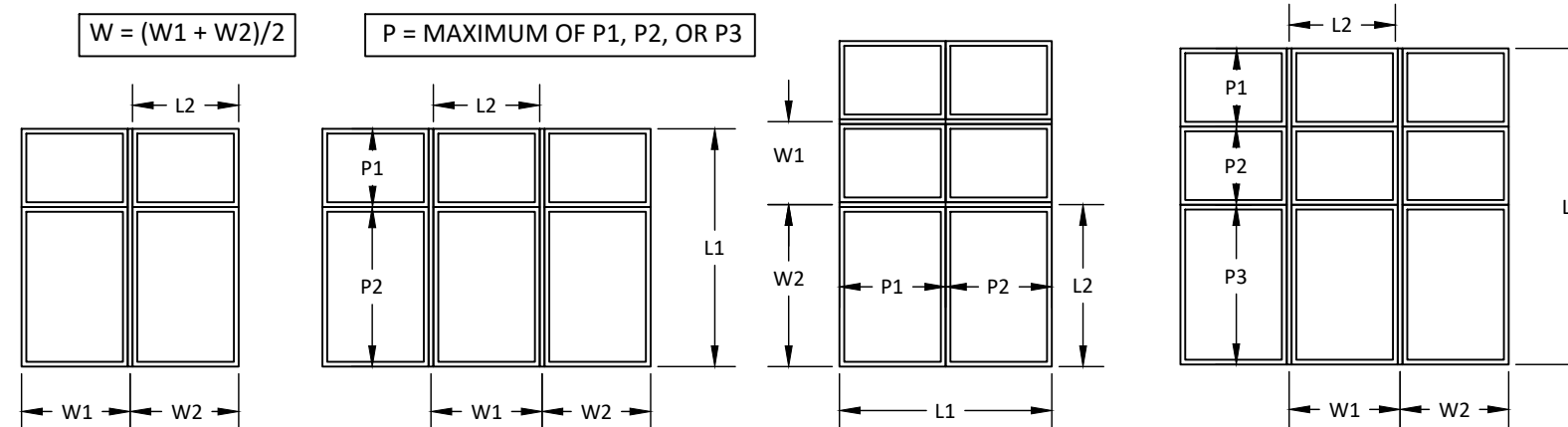


TABLE D.2: TWO WAY MULLIONS "1" SOLID SPREAD MULLION"

- "TWO-WAY" MULLIONS REFER TO EITHER 'X' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 4-6 ONLY; 1", 2", AND 3" SOLID SPREAD MULLION ASSEMBLIES.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

TABLE D.3: DISCONTINUOUS MULLION

- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE D.2, D.3, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
"X" CONFIG. "1" SOLID SPREAD MULLION"

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17868**

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET: **21** OF 24

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 6/14/2019 2:43 PM

Maximum design pressure capacity chart (psf):													
L - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	100.0	89.5	80.6	73.2	67.1	57.5	50.4	44.8	40.3	36.6	33.6
66.0	100.0	86.5	75.7	67.3	60.5	55.0	50.4	43.2	37.8	33.6	30.3	27.5	25.2
72.0	77.7	66.6	58.3	51.8	46.6	42.4	38.9	33.3	29.1	25.9	23.3	21.2	19.4
78.0	61.1	52.4	45.8	40.7	36.7	33.3	30.6	26.2	22.9	20.4	18.3	16.7	15.3
84.0	48.9	41.9	36.7	32.6	29.4	26.7	24.5	21.0	18.4	16.3	-	-	-
90.0	39.8	34.1	29.8	26.5	23.9	21.7	19.9	17.1	-	-	-	-	-
96.0	32.8	28.1	24.6	21.9	19.7	17.9	16.4	-	-	-	-	-	-
102.0	27.3	23.4	20.5	18.2	16.4	-	-	-	-	-	-	-	-
108.0	23.0	19.7	17.3	15.3	-	-	-	-	-	-	-	-	-
114.0	19.6	16.8	-	-	-	-	-	-	-	-	-	-	-
120.0	16.8	-	-	-	-	-	-	-	-	-	-	-	-

TABLE D.4: TWO WAY MULLIONS "1" SOLID SPREAD MULLION"

- "TWO-WAY" MULLIONS REFER TO EITHER 'X' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 4-6 ONLY; 1", 2", AND 3" SOLID SPREAD MULLION ASSEMBLIES.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

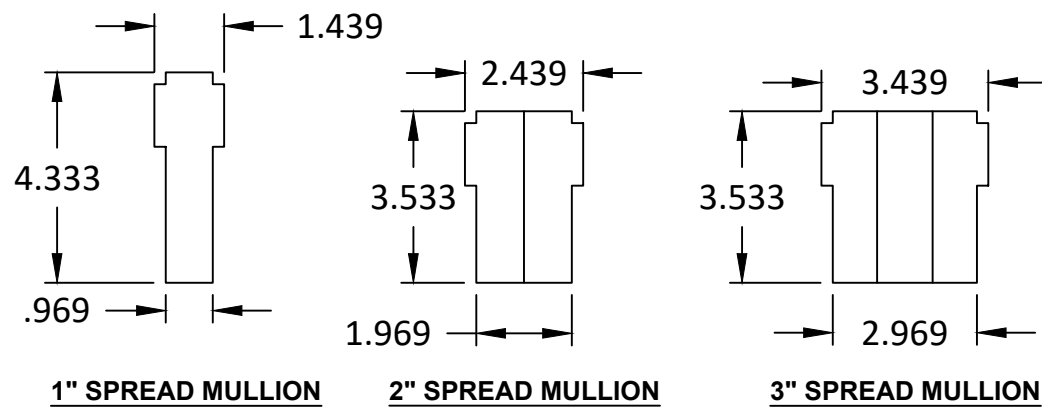
Maximum design pressure capacity chart (psf):																	
L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.8	36.6	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.2	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.7	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6	19.3
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9	17.6
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	17.0	16.5	16.1

TABLE D.5: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

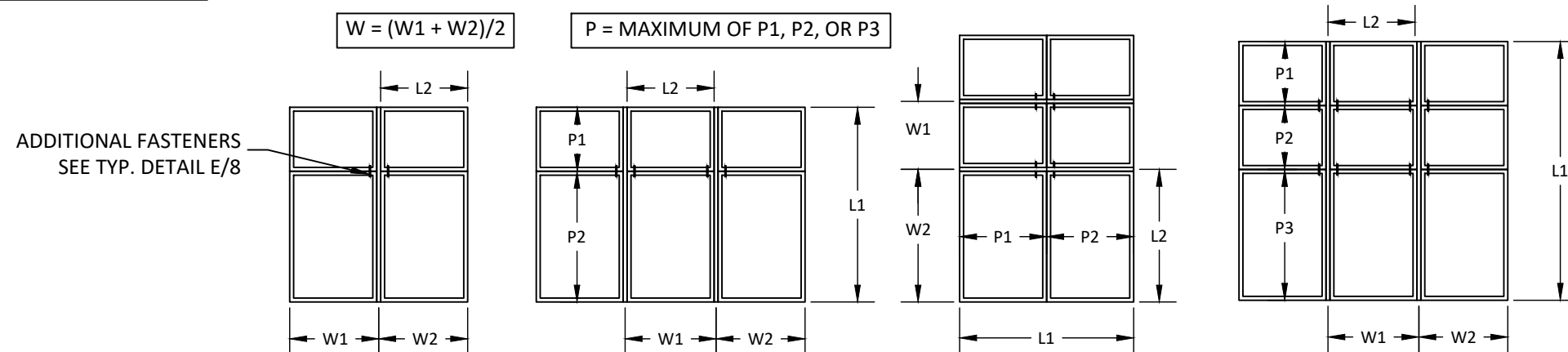
- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'X' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE D.4, D5, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



QUALIFIED CONFIGURATIONS



3737 LAKEPORT BLVD
 KLAMATH FALLS, OR 97601
 PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
 'X' CONFIG. "1" SOLID SPREAD MULLION"

PREPARED BY: BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 PH: (954) 999-8478
 FAX: (954) 744-4738
 WEB: www.buildingdrops.com

REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
 FLORIDA P.E. No. 73778
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. # 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:

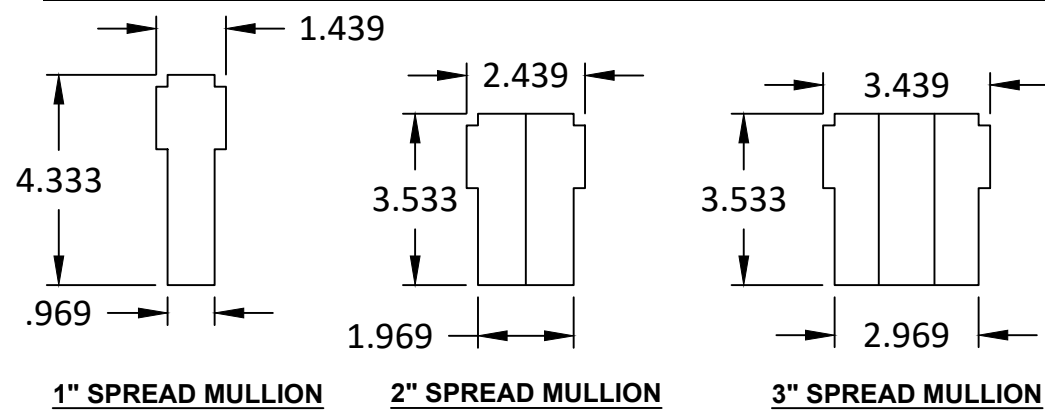
s:\projects\jeld-wen\fb-19-0536 - fbc submittal - product name update, w-5500, fl17868, fl21060, fl26356.dwg, jw061.dwg 6/14/2019 2:43 PM

Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)												
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4	76.7	70.3
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0	58.6
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8	50.2
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	98.0	87.1	78.4	71.3	65.4	56.0	49.0	43.6	39.2	35.7	32.7
66.0	100.0	92.6	81.0	72.0	64.8	58.9	54.0	46.3	40.5	36.0	32.4	29.5	27.0
72.0	90.8	77.8	68.1	60.5	54.5	49.5	45.4	38.9	34.0	30.3	27.2	24.8	22.7
78.0	77.4	66.3	58.0	51.6	46.4	42.2	38.7	33.2	29.0	25.8	23.2	21.1	19.3
84.0	66.7	57.2	50.0	44.5	40.0	36.4	33.3	28.6	25.0	22.2	20.0	18.2	16.7
90.0	56.7	48.6	42.5	37.8	34.0	30.9	28.4	24.3	21.3	18.9	17.0	15.5	-
96.0	46.7	40.1	35.1	31.2	28.0	25.5	23.4	20.0	17.5	15.6	-	-	-
102.0	39.0	33.4	29.2	26.0	23.4	21.3	19.5	16.7	-	-	-	-	-
108.0	32.8	28.1	24.6	21.9	19.7	17.9	16.4	-	-	-	-	-	-
114.0	27.9	23.9	20.9	18.6	16.7	15.2	-	-	-	-	-	-	-
120.0	23.9	20.5	17.9	16.0	-	-	-	-	-	-	-	-	-

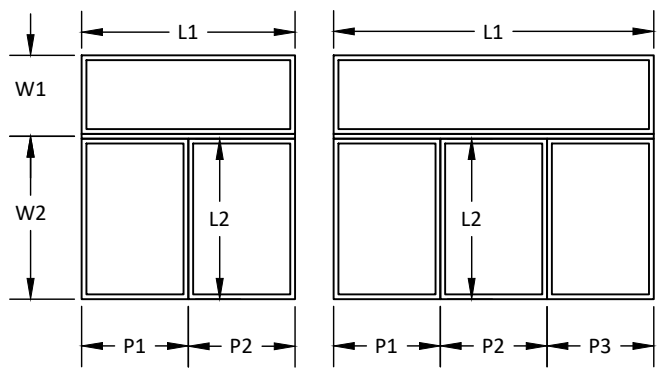
Maximum design pressure capacity chart (psf):

L - Mull Length (in)	W - Tributary Width (in)																
	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	94.9	90.1	86.8	84.5	83.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
48.0	92.7	84.5	78.4	73.7	70.2	67.6	65.7	64.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
54.0	79.9	72.4	66.8	62.4	59.0	56.3	54.3	52.7	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
56.0	76.4	69.1	63.6	59.4	56.0	53.4	51.3	49.7	47.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
60.0	70.2	63.4	58.2	54.1	50.9	48.3	46.2	44.6	42.3	41.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6
66.0	62.6	56.3	51.5	47.7	44.7	42.3	40.3	38.6	36.2	34.7	33.8	33.5	33.5	33.5	33.5	33.5	33.5
72.0	56.5	50.7	46.2	42.7	39.9	37.6	35.7	34.1	31.7	30.0	29.0	28.4	28.2	28.2	28.2	28.2	28.2
78.0	51.5	46.1	41.9	38.6	36.0	33.8	32.0	30.5	28.2	26.5	25.4	24.6	24.1	24.0	24.0	24.0	24.0
84.0	47.3	42.3	38.4	35.3	32.8	30.7	29.0	27.6	25.4	23.7	22.5	21.7	21.1	20.8	20.7	20.7	20.7
90.0	43.7	39.0	35.3	32.4	30.1	28.2	26.6	25.2	23.0	21.5	20.3	19.4	18.8	18.4	18.1	18.0	18.0
96.0	40.7	36.2	32.8	30.0	27.8	26.0	24.5	23.2	21.1	19.6	18.4	17.6	16.9	16.4	16.1	15.9	15.8
102.0	38.0	33.8	30.6	28.0	25.9	24.1	22.7	21.5	19.5	18.0	16.9	16.0	15.4	-	-	-	-
108.0	35.7	31.7	28.6	26.2	24.2	22.5	21.2	20.0	18.1	16.7	15.6	-	-	-	-	-	-
114.0	33.6	29.8	26.9	24.6	22.7	21.1	19.8	18.7	16.9	15.5	-	-	-	-	-	-	-
120.0	31.7	28.2	25.4	23.2	21.4	19.9	18.6	17.6	15.8	-	-	-	-	-	-	-	-



QUALIFIED CONFIGURATIONS

$W = (W1 + W2)/2$ $P = \text{MAXIMUM OF } P1, P2, \text{ OR } P3$



- TABLE D.6: TWO WAY MULLIONS "1" SOLID SPREAD MULLION"**
- "TWO-WAY" MULLIONS REFER TO EITHER "T" TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
 - THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 4-6 ONLY; 1", 2", AND 3" SOLID SPREAD MULLION ASSEMBLIES.
 - WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
 - DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
 - DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
 - INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

- TABLE D.7: DISCONTINUOUS MULLION**
- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT "T" INTERSECTIONS.
 - WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
 - DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
 - DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
 - INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

- INSTRUCTION NOTE:**
- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
 - W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
 - L2 IS SPAN FOR DISCONTINUOUS MULLION.
 - P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
 - THE LESSER OF TABLE D.6, D.7, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



3737 LAKEPORT BLVD
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TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
"T" CONFIG. "1" SOLID SPREAD MULLION

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REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL17868

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET:
23

OF 24

s:\projects\jeld-wen\fb-c-19-0536 - fbc submittal - product name update, w-5500, fl17868, fl21060, fl26356.dwg, jw061.dwg 6/14/2019 2:43 PM

L - Mull Length (in)	Maximum design pressure capacity chart (psf):												
	W - Tributary Width (in)												
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	84.4
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.9	78.2	70.3	64.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	86.1	75.4	67.0	60.3	54.8
48.0	100.0	100.0	100.0	100.0	100.0	95.9	87.9	75.4	65.9	58.6	52.8	48.0	44.0
54.0	100.0	100.0	100.0	100.0	93.8	85.3	78.2	67.0	58.6	52.1	46.9	42.6	39.1
60.0	100.0	100.0	98.0	87.1	78.4	71.3	65.4	56.0	49.0	43.6	39.2	35.7	32.7
66.0	100.0	92.6	81.0	72.0	64.8	58.9	54.0	46.3	40.5	36.0	32.4	29.5	27.0
72.0	90.8	77.8	68.1	60.5	54.5	49.5	45.4	38.9	34.0	30.3	27.2	24.8	22.7
78.0	77.4	66.3	58.0	51.6	46.4	42.2	38.7	33.2	29.0	25.8	23.2	21.1	19.3
84.0	66.7	57.2	50.0	44.5	40.0	36.4	33.3	28.6	25.0	22.2	20.0	18.2	16.7
90.0	56.7	48.6	42.5	37.8	34.0	30.9	28.4	24.3	21.3	18.9	17.0	15.5	-
96.0	46.7	40.1	35.1	31.2	28.0	25.5	23.4	20.0	17.5	15.6	-	-	-
102.0	39.0	33.4	29.2	26.0	23.4	21.3	19.5	16.7	-	-	-	-	-
108.0	32.8	28.1	24.6	21.9	19.7	17.9	16.4	-	-	-	-	-	-
114.0	27.9	23.9	20.9	18.6	16.7	15.2	-	-	-	-	-	-	-
120.0	23.9	20.5	17.9	16.0	-	-	-	-	-	-	-	-	-

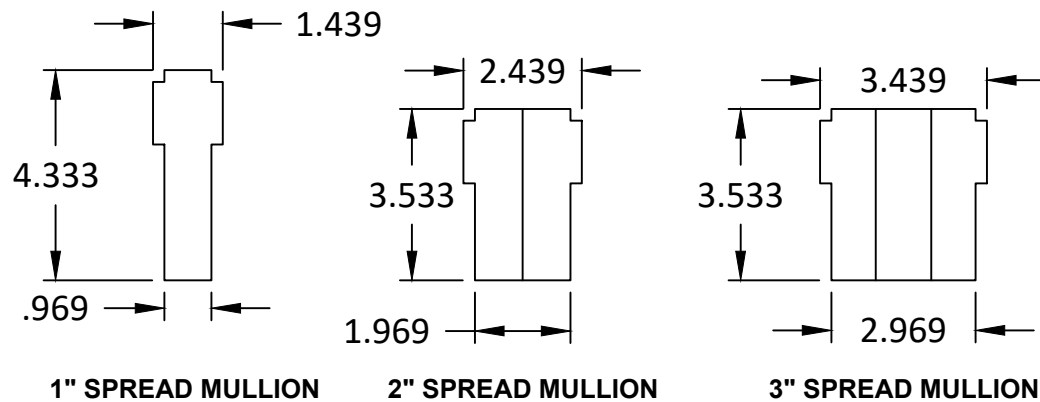
TABLE D.8: TWO WAY MULLIONS "1" SOLID SPREAD MULLION"

- "TWO-WAY" MULLIONS REFER TO EITHER "T" TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 4-6 ONLY; 1", 2", AND 3" SOLID SPREAD MULLION ASSEMBLIES.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED ABOVE SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

L - Mull Length (in)	Maximum design pressure capacity chart (psf):															
	W - Tributary Width (in)															
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
54.0	100.0	100.0	100.0	95.1	89.9	85.8	82.7	80.2	77.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
56.0	100.0	100.0	96.9	90.4	85.3	81.3	78.1	75.7	72.4	71.0	70.9	70.9	70.9	70.9	70.9	70.9
60.0	100.0	96.5	88.6	82.4	77.5	73.6	70.4	67.9	64.4	62.4	61.8	61.8	61.8	61.8	61.8	61.8
66.0	95.4	85.8	78.5	72.7	68.1	64.4	61.3	58.8	55.2	52.8	51.5	51.1	51.1	51.1	51.1	51.1
72.0	86.1	77.2	70.4	65.0	60.7	57.2	54.3	51.9	48.3	45.8	44.1	43.2	42.9	42.9	42.9	42.9
78.0	78.5	70.2	63.9	58.8	54.8	51.5	48.7	46.5	42.9	40.4	38.6	37.4	36.8	36.6	36.6	36.6
84.0	72.1	64.4	58.4	53.7	49.9	46.8	44.2	42.0	38.6	36.1	34.3	33.0	32.2	31.7	31.5	31.5
90.0	66.6	59.4	53.8	49.4	45.9	42.9	40.4	38.4	35.1	32.7	30.9	29.6	28.6	28.0	27.6	27.5
96.0	61.9	55.2	49.9	45.8	42.4	39.6	37.3	35.3	32.2	29.8	28.1	26.7	25.7	25.0	24.5	24.1
102.0	57.9	51.5	46.5	42.6	39.4	36.8	34.6	32.7	29.7	27.5	25.7	24.4	23.4	22.6	22.1	21.5
108.0	54.3	48.3	43.6	39.9	36.8	34.3	32.2	30.4	27.6	25.4	23.8	22.5	21.5	20.7	20.1	19.6
114.0	51.2	45.4	41.0	37.4	34.6	32.2	30.2	28.5	25.7	23.7	22.1	20.8	19.8	19.0	18.4	17.9
120.0	48.4	42.9	38.7	35.3	32.6	30.3	28.4	26.7	24.1	22.1	20.6	19.4	18.4	17.6	16.5	16.1

TABLE D.9: DISCONTINUOUS MULLION WITH ADDITIONAL FASTENERS

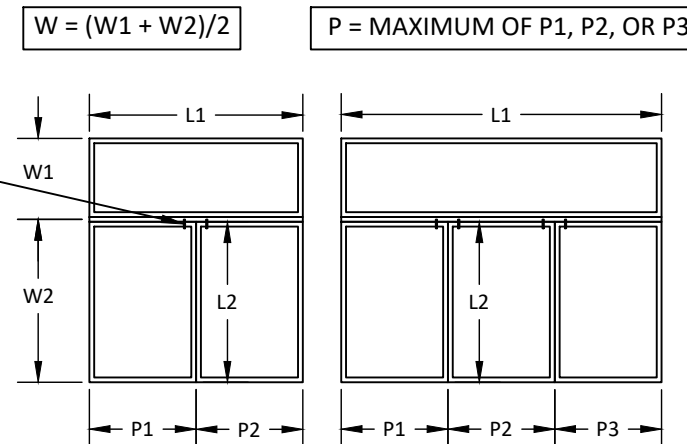
- THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' INTERSECTIONS WITH USE OF ADDITIONAL FASTENERS THROUGH FRAME, REFER TO DETAIL E/8 FOR INSTALLATION OF FASTENERS ADJACENT TO 'T' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-7.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



INSTRUCTION NOTE:

- L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH, 'P'.
- THE LESSER OF TABLE D.8, D.9, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE

QUALIFIED CONFIGURATIONS



3737 LAKEPORT BLVD
KLAMATH FALLS, OR 97601
PH: (541) 882-3451 FAX: (541) 850-2609

TITLE: SITELINE OR W-5500 WOOD CASEMENT/JAWING MULLION
"T" CONFIG. "1" SOLID SPREAD MULLION"

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REMARKS	BY	DATE
REV. PER NEW MULL DATA	MS	6.10.16
6TH FBC CODE CHANGE	CL	9.5.17
W-5500 WOOD ADDITION	LL	6.11.19

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

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL17868**

DATE: **09.05.17**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **JW061**

SHEET: **24** OF 24