#### **INSTALLATION NOTES:**

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 3. 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.
- NAIL FIN: 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.
- NAIL FIN: FOR INSTALLATION INTO METAL STUD. USE #8 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.
- 10. 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.
- 11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES: A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
  - B. CONCRETE MINIMUM 3000 PSI COMPRESSIVE STRENGTH
  - C. HOLLOW/GROUT FILLED CMU STRENGTH CONFORMANCE TO ASTM C90. MIN. F'm = 2000 PSI.
  - D. STEEL MINIMUM 16 GA. (.054") MINIMUM TENSILE YIELD, Fy = 33 KSI.

# JELD-WEN, inc.

## SITELINE OR W-5500 ALUMINUM CLAD DOUBLE HUNG MULLION ASSEMBLIES

#### **GENERAL NOTES:**

- 1. 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
- 2. 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.
- 4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
- 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.
- 6. MULLION MATERIAL: PRESSURE TREATED FINGER-JOINTED EDGE GLUED PINE WITH AURALAST® (MINIMUM S.G. = 0.42)
- 7. CLADDING MATERIAL: ALUMINUM 6063-T5

		TABLE OF CONTENTS
SHEET	REVISION	SHEET DESCRIPTION
1	В	INSTALLATION & GENERAL NOTES
2	В	"JAMB TO JAMB" MULLION ASSEMBLIES
3	В	1" SOLID SPREAD" MULLION ASSEMBLIES
4	В	"2" SOLID SPREAD" MULLION ASSEMBLIES
5	В	"4" SOLID SPREAD" MULLION ASSEMBLIES
6	В	INSTALLATION CONDITIONS
7	В	TABLE A.1: ONE WAY "JAMB TO JAMB" SPREAD DP TABLE
8	В	TABLE B.1: ONE WAY 1" SOLID SPREAD MULL DP TABLE
9	В	TABLES B.2 & B.3: TWO WAY 1" SOLID SPREAD MULL DP TABLE
10	В	TABLE C.1: ONE WAY 2" SOLID SPREAD MULL DP TABLE
11	В	TABLES C.2 & C.3: TWO WAY 2" SOLID SPREAD MULL DP TABLE
12	В	TABLE D.1: ONE WAY 4" SOLID SPREAD MULL DP TABLE
13	В	TABLES D.2 & D.3: TWO WAY 4" SOLID SPREAD MULL DP TABLE



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

R W-5500 CLAD DOUBLE INSTALLATION

& GENERAL NOTES

DROPS, UILDING I 398 E. DANIA BEA DANIA BEA PH: (954) FAX: (954)

**REMARKS** 6TH FBC CODE CHANGE CL 9.5.17 W-5500 CLAD ADDITION LL

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



DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL21060

DATE: 09.05.17 DWG. BY: CHK. BY:

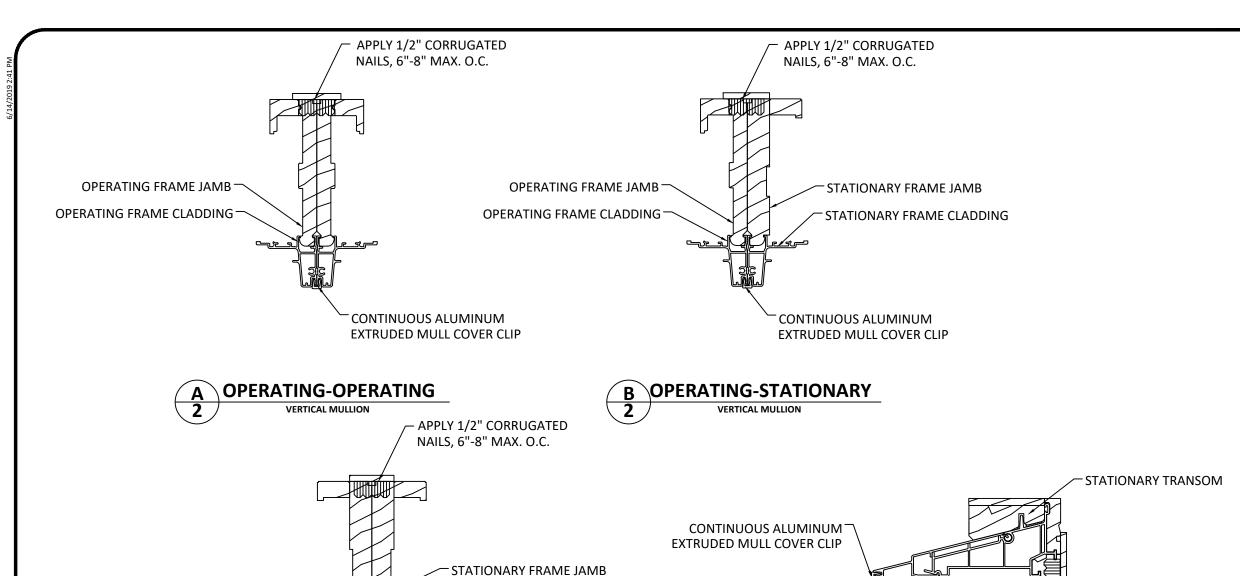
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NTS JW062 DWG. #:

SHEET:



OF 13



STATIONARY FRAME CLADDING



OPERATING FRAME CLADDING

OPERATING FRAME JAMB

#### **MULLION ASSEMBLY NOTES**

APPLY 1/2" CORRUGATED NAILS, 6"-8" MAX. O.C.

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



3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

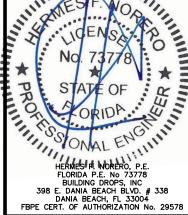
(541) 882-3451 FAX: (541) 850-2609

*30 CLAD DOUBLE H* TO JAMB" MULLIC ASSEMBLIES

UILDING

REMARKS 6TH FBC CODE CHANGE W-5500 CLAD ADDITION

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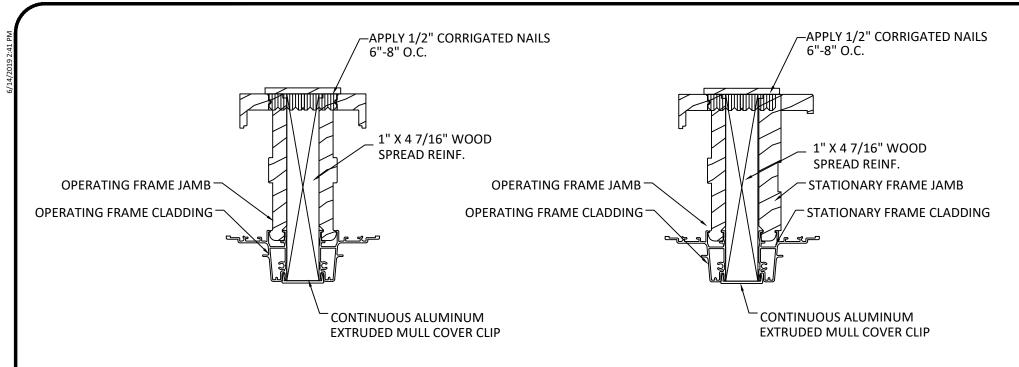
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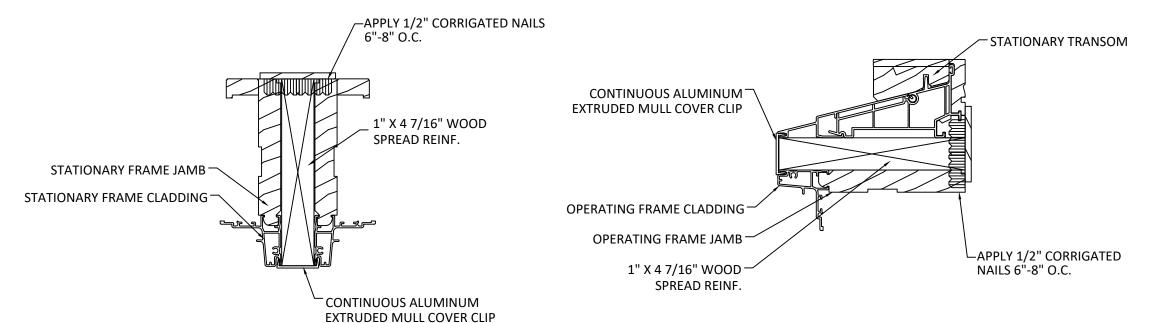
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OF 13



**OPERATING-OPERATING** VERTICAL MULLION

**OPERATING-STATIONARY** VERTICAL MULLION



c **STATIONARY-STATIONARY** VERTICAL MULL

TRANSOM-OPERATING HORIZONTAL MULL

### **MULLION ASSEMBLY NOTES**

- 1. ASSEMBLIES SHOWN HEREIN, SHEET 3, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE B.1: ONE WAY MULLIONS 1" SOLID SPREAD MULL AND TABLE B.2 TWO WAY MULLIONS 1" SOLID SPREAD
- 2. REFER TO SHEET 6 FOR ANCHORAGE REQUIREMENTS.



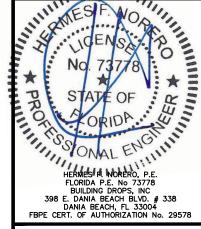
3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

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DROPS, BUILDING I 398 E. DANIA BEAC DANIA BEAC PH: (954) FAX: (954)

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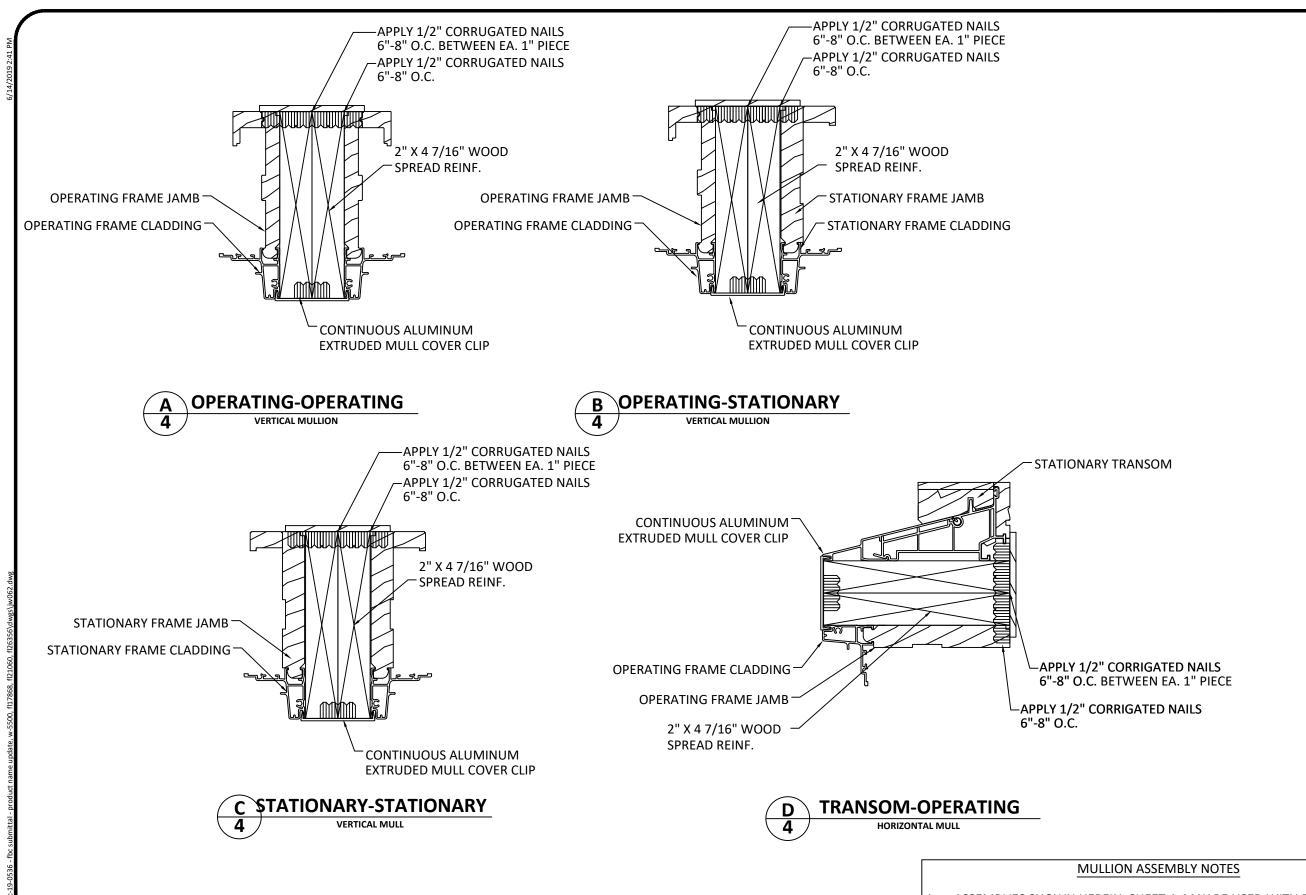
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3



- ASSEMBLIES SHOWN HEREIN, SHEET 4, MAY BE USED WITH DESIGN PRESSURE RATINGS SHOWN ON TABLE C.1: ONE WAY MULLIONS 2" SOLID SPREAD MULL AND TABLE C.2 TWO WAY MULLIONS 2" SOLID SPREAD
- REFER TO SHEET 6 FOR ANCHORAGE REQUIREMENTS.



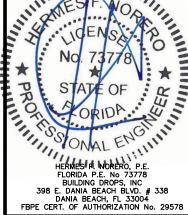
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DROPS, BUILDING E 398 E. DANIA BEAC DANIA BEAC PH: (954) FAX: (954)

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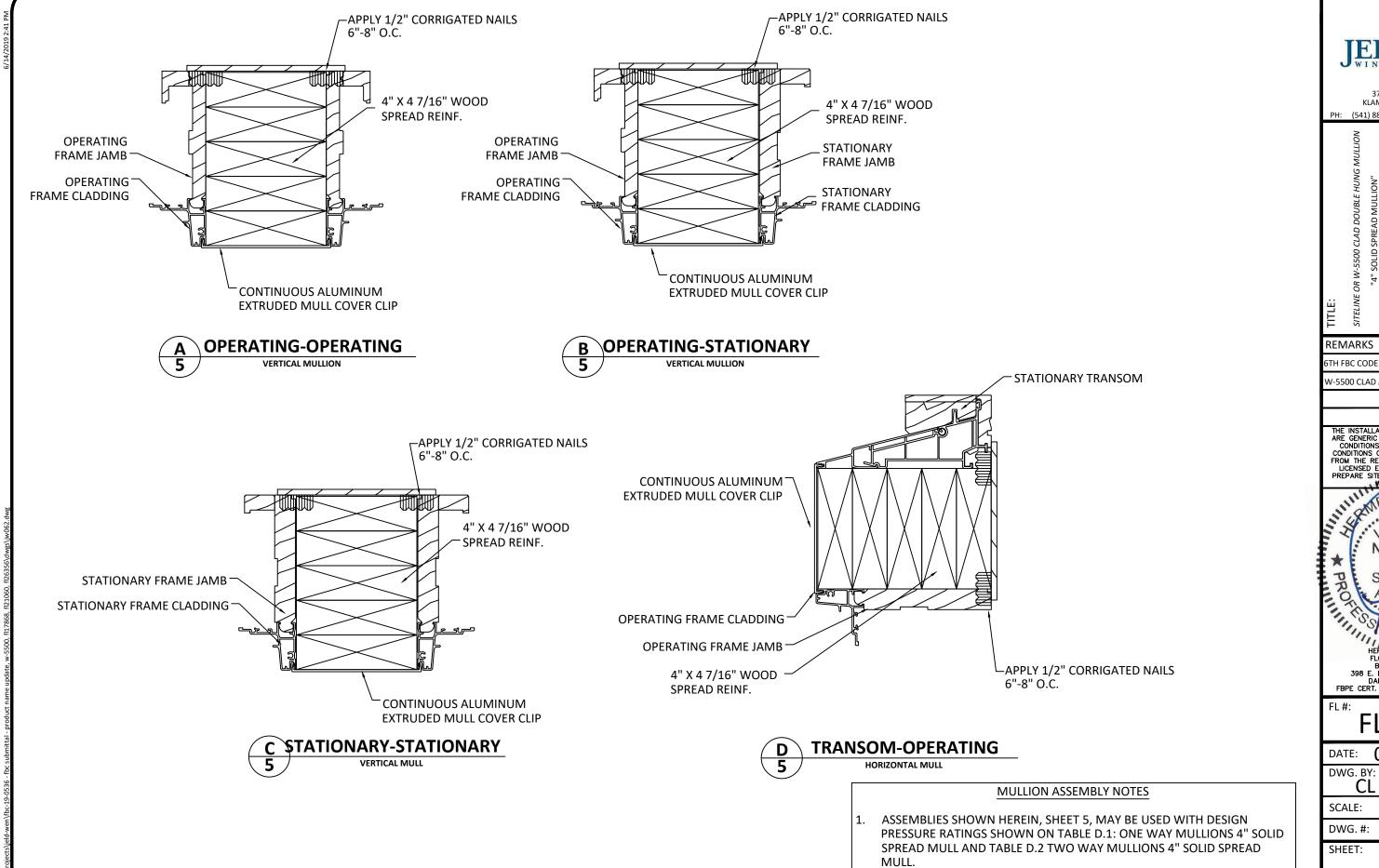
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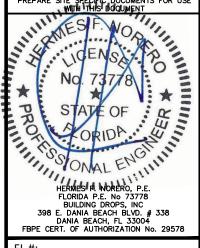
3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601 (541) 882-3451 FAX: (541) 850-2609

SOLID SPREAD MULI ASSEMBLIES

G DROPS, EACH BLVD., STE EACH, FL 33004 54)399-8478 BUILDING E 398 E. DANIA BEAC DANIA BEAC PH: (954) FAX: (954)

REMARKS TH FBC CODE CHANGE 9.5.17 W-5500 CLAD ADDITION

THE INSTALLATION DETAILS DESCRIBED HEREIN
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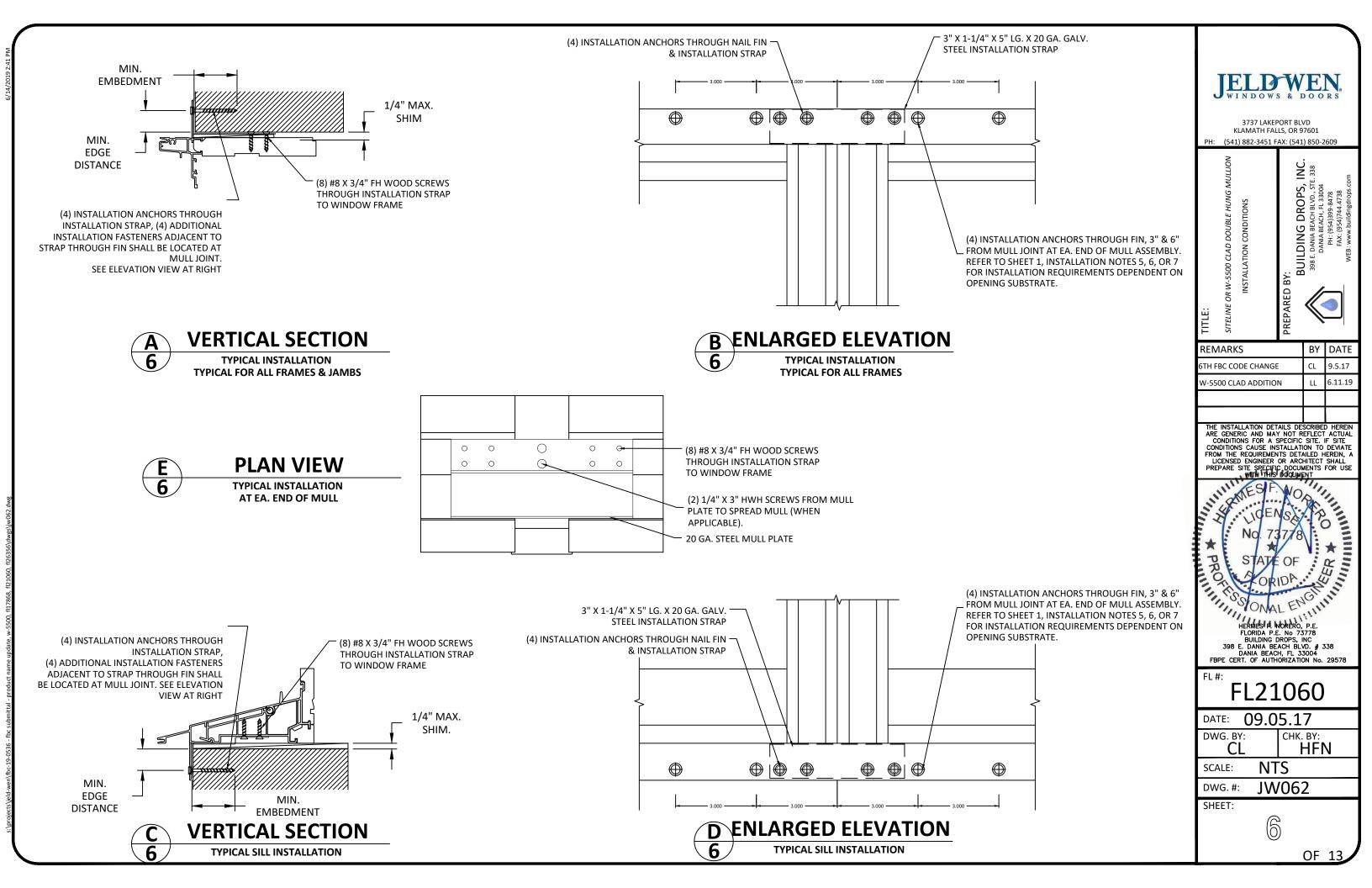
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REFER TO SHEET 6 FOR ANCHORAGE REQUIREMENTS.

5

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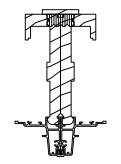
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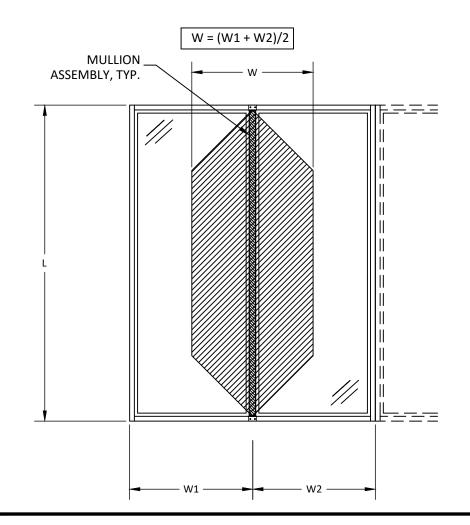
	Maximum design pressure capacity chart (psf):  - Mull  W - Tributary Width (in)														
L - Mull															
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	62.9	60.5	58.5	57.1	56.1	55.5	55.3	55.3	55.3	55.3
66.0	65.0	65.0	65.0	56.3	53.0	50.3	48.0	46.2	44.7	43.6	42.7	42.0	41.7	41.5	41.5
72.0	65.0	65.0	54.3	46.5	43.6	41.2	39.2	37.5	36.1	35.0	34.0	33.3	32.7	32.3	32.0
78.0	65.0	56.3	45.9	39.1	36.6	34.5	32.7	31.2	29.9	28.8	27.9	27.2	26.5	26.0	25.4
84.0	63.7	48.3	39.3	33.4	31.2	29.3	27.7	26.4	25.2	24.2	23.4	22.6	22.0	21.5	20.8
90.0	55.4	42.0	34.0	28.8	26.9	25.2	23.8	22.6	21.6	20.7	19.9	19.2	18.6	18.1	17.3
96.0	48.4	36.7	29.8	25.2	23.4	22.0	20.7	19.6	18.7	17.9	17.2	16.5	16.0	15.5	-
102.0	40.3	30.5	24.7	20.9	19.5	18.3	17.2	16.3	15.6	-	-	-	-	-	-
108.0	33.9	25.6	20.7	17.5	16.3	15.3	-	-	-	-	-	-	-	-	-
114.0	28.8	21.7	17.6	-	-	-	-	-	-	-	ı	-	-	-	-
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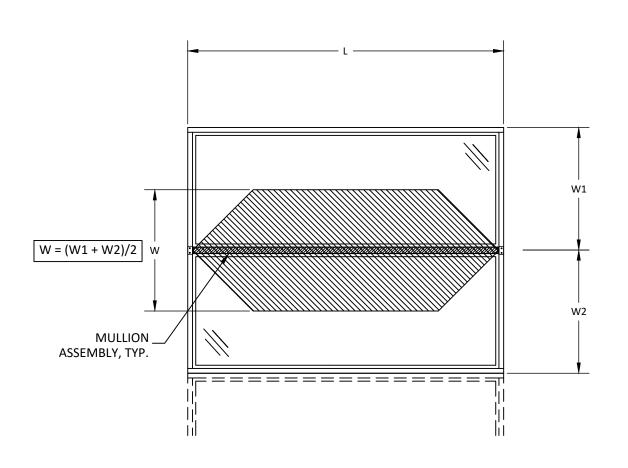
#### TABLE A.1: ONE WAY MULLIONS "JAMB TO JAMB"

- 1. '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 2 (JAMB TO JAMB).
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-5.
- 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.



**JAMB TO JAMB TYPICAL** 







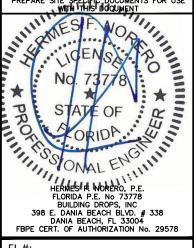
3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

(541) 882-3451 FAX: (541) 850-2609

DROPS, SACH BLVD., STE ACH, FL 33004 ONE WAY "JAMB TO JAMB' MULLION DP TABLE BUILDING [ 398 E. DANIA BEAC DANIA BEAC PH: (954) FAX: (954)

**REMARKS** BY DATE 6TH FBC CODE CHANGE 9.5.17 W-5500 CLAD ADDITION

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09.05.17 DATE: DWG. BY: CHK. BY: HFN

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JW062 DWG. #:

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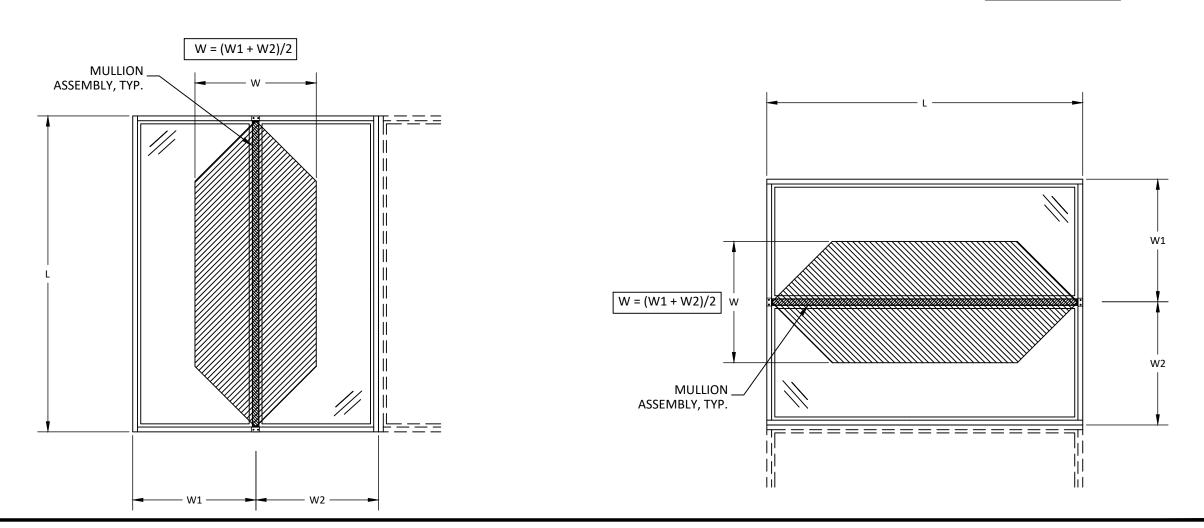
						<u>Maximum</u>	design press	ure capacity	chart (psf):						
L - Mull							W - T	ributary Wid	dth (in)						
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
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72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.4	63.6	62.9
78.0	65.0	65.0	65.0	65.0	65.0	65.0	64.3	61.3	58.8	56.7	54.9	53.4	52.2	51.2	49.9
84.0	65.0	65.0	65.0	65.0	61.3	57.6	54.5	51.9	49.6	47.6	46.0	44.6	43.3	42.3	40.8
90.0	65.0	65.0	65.0	56.7	52.9	49.6	46.9	44.5	42.4	40.7	39.1	37.8	36.7	35.7	34.1
96.0	65.0	65.0	58.6	49.5	46.1	43.2	40.7	38.6	36.8	35.2	33.8	32.5	31.5	30.5	29.0
102.0	65.0	61.1	49.5	41.9	39.0	36.6	34.5	32.7	31.1	29.8	28.6	27.6	26.7	25.9	24.5
108.0	65.0	51.3	41.5	35.1	32.7	30.6	28.8	27.3	25.9	24.8	23.8	22.9	22.1	21.4	20.2
114.0	57.6	43.5	35.2	29.7	27.6	25.8	24.3	23.0	21.9	20.8	20.0	19.2	18.5	17.9	16.8
120.0	49.3	37.3	30.1	25.4	23.6	22.0	20.7	19.6	18.6	17.7	16.9	16.3	15.7	15.1	-

#### TABLE B.1: ONE WAY MULLIONS 1" 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 3 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-5.
- 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.
- 6. INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.



1" SPREAD MULLION





3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

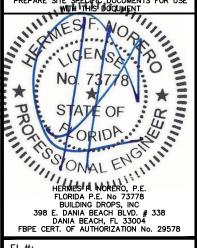
(541) 882-3451 FAX: (541) 850-2609

5500 CLAD DOUBLE H E WAY 1" SOLID SPRE, MULLION

BUILDING DROPS, I 398 E. DANIA BEACH BLVD., STE. DANIA BEACH, FI 33004 PH: (954)399-8478 FAX: (954)744.4738

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

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FL21060

09.05.17 DATE: DWG. BY: CHK. BY: HFN

CL SCALE:

NTS JW062 DWG. #:

SHEET:



	Maximum design pressure capacity chart (psf):  W - Tributary Width (in)														
L - Mull															
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	61.2
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.5	59.2	56.3	53.6	51.1	46.9
54.0	65.0	65.0	65.0	65.0	65.0	63.5	59.3	55.6	52.3	49.4	46.8	44.4	42.3	40.4	37.0
60.0	65.0	65.0	65.0	60.0	55.4	51.4	48.0	45.0	42.4	40.0	37.9	36.0	34.3	32.7	30.0
66.0	65.0	65.0	59.5	49.6	45.8	42.5	39.7	37.2	35.0	33.1	31.3	29.8	28.3	27.0	24.8
72.0	65.0	62.5	50.0	41.7	38.5	35.7	33.3	31.3	29.4	27.8	26.3	25.0	23.8	22.7	20.8
78.0	65.0	53.3	42.6	35.5	32.8	30.4	28.4	26.6	25.1	23.7	22.4	21.3	20.3	19.4	17.8
84.0	61.2	45.9	36.7	30.6	28.3	26.2	24.5	23.0	21.6	20.4	19.3	18.4	17.5	16.7	15.3
90.0	53.3	40.0	32.0	26.7	24.6	22.9	21.3	20.0	18.8	17.8	16.8	16.0	15.2	-	-
96.0	45.2	33.9	27.1	22.6	20.9	19.4	18.1	17.0	16.0	15.1	-	-	-	-	-
102.0	37.7	28.3	22.6	18.8	17.4	16.2	15.1	-	-	-	-	-	-	-	-
108.0	31.7	23.8	19.0	15.9	-	-	-	-	-	-	-	-	-	-	-
114.0	27.0	20.2	16.2	-	-	-	-	-	-	-	-	-	-	-	-
120.0	23.1	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-

	Maximum design pressure capacity chart (psf):  L - Mull Width (in)														
L - Mull							W - T	ributary Wic	lth (in)						
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	64.7	62.9	61.4	60.2	59.3	58.7	58.3	58.2	58.2
72.0	65.0	65.0	65.0	65.0	61.9	59.2	56.9	55.0	53.4	52.1	51.1	50.3	49.7	49.2	48.9
78.0	65.0	65.0	65.0	58.7	55.5	52.9	50.7	48.9	47.3	46.0	44.9	44.0	43.3	42.7	41.9
84.0	65.0	65.0	61.2	53.3	50.4	47.9	45.8	44.0	42.5	41.2	40.1	39.1	38.3	37.6	36.7
90.0	65.0	65.0	56.3	48.9	46.1	43.7	41.7	40.0	38.5	37.2	36.1	35.2	34.4	33.7	32.6
96.0	65.0	62.9	52.1	45.1	42.5	40.2	38.3	36.7	35.2	34.0	32.9	32.0	31.2	30.5	29.3
102.0	65.0	58.7	48.6	41.9	39.4	37.2	35.4	33.8	32.5	31.3	30.2	29.3	28.5	27.8	26.7
108.0	65.0	55.0	45.4	39.1	36.7	34.7	32.9	31.4	30.1	29.0	28.0	27.1	26.3	25.6	24.4
114.0	65.0	51.8	42.7	36.7	34.4	32.4	30.8	29.3	28.1	27.0	26.0	25.1	24.4	23.7	22.6
120.0	63.4	48.9	40.2	34.5	32.3	30.5	28.9	27.5	26.3	25.2	24.3	23.5	22.7	22.1	21.0

#### TABLE B.2: TWO WAY MULLIONS 1" SOLID SPREAD MULL CONTINUOUS

- 'TWO-WAY' MULLIONS REFER TO EITHER 'X' OR '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 2-5.
- 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.

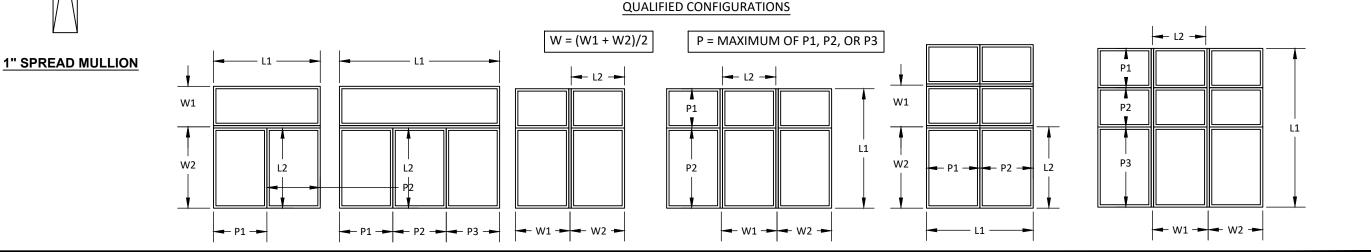
#### TABLE B.3: DISCONTINUOUS MULLION

- 1. THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' OR 'X' INTERSECTIONS.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-5.
- 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.

- 1. L1 IS SPAN FOR CONTINUOUS MULLION ASSEMBLY
- 2. W1 & W2 ARE TRIBUTARY WIDTHS FOR CONTINUOUS MULLION.
- 3. L2 IS SPAN FOR DISCONTINUOUS MULLION.
- P1 & P2 ARE TRIBUTARY WIDTHS FOR DISCONTINUOUS MULLION. TAKE MAXIMUM PANEL WIDTH,

#### INSTRUCTION NOTE:

- 5. THE LESSER OF TABLE B.2, B.3, AND THE ASSOCIATED 'ONE-WAY' MULL TABLE (TABLE #.1), SHALL GOVERN THE MULL ASSEMBLY DESIGN PRESSURE



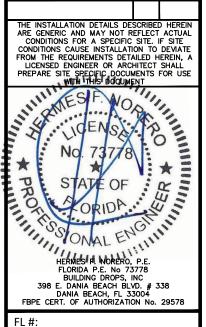


3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

R W-5500 CLAD DOUB TWO WAY 1" SOLID S MULLION

3UILDING DROPS, I 398 E. DANIA BEACH BLVD., STE. DANIA BEACH, FI 33004 PH: (954)399-8478 FAX: (954)744.4738

REMARKS BY DATE 9.5.17 TH FBC CODE CHANGE W-5500 CLAD ADDITION 6.11.19



FL21060

09.05.17 DATE: CHK. BY:

DWG. BY: CL

NTS SCALE: JW062 DWG. #:

SHEET:



						<u>Maximum</u>	design press	ure capacity	chart (psf):						
L - Mull							W - Tı	ributary Wid	th (in)						
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.6
84.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	63.5	61.8	60.3	59.1	58.1	56.6
90.0	65.0	65.0	65.0	65.0	65.0	65.0	64.3	61.7	59.4	57.4	55.8	54.3	53.0	52.0	50.3
96.0	65.0	65.0	65.0	65.0	65.0	62.0	59.1	56.6	54.4	52.5	50.8	49.4	48.1	47.0	45.2
102.0	65.0	65.0	65.0	64.6	60.7	57.4	54.6	52.2	50.1	48.3	46.6	45.0	43.5	42.2	39.9
108.0	65.0	65.0	65.0	57.3	53.4	50.0	47.1	44.6	42.4	40.5	38.8	37.3	36.0	34.9	33.0
114.0	65.0	65.0	57.5	48.5	45.1	42.2	39.7	37.6	35.7	34.1	32.6	31.3	30.2	29.2	27.5
120.0	65.0	60.9	49.2	41.4	38.5	36.0	33.8	32.0	30.4	28.9	27.7	26.6	25.6	24.7	23.2
<u>-</u>															

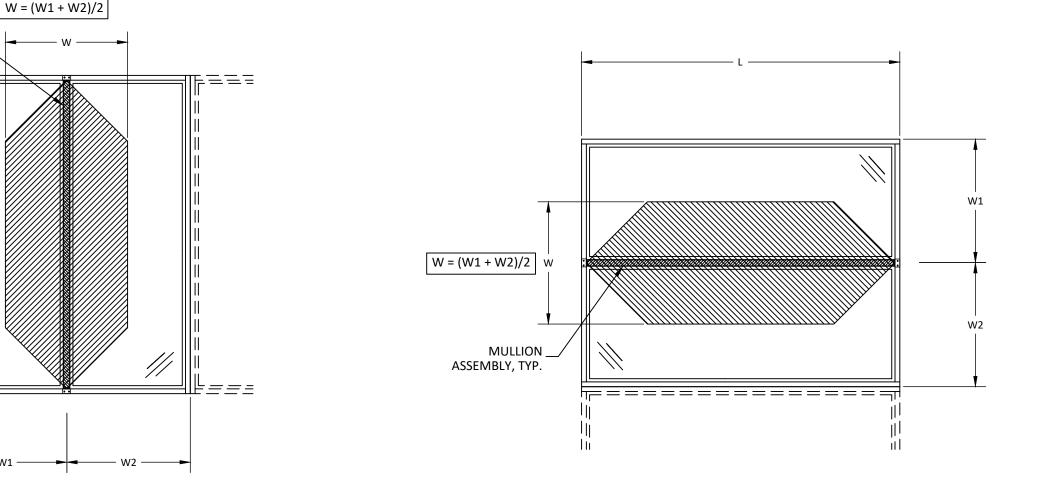
MULLION \_ ASSEMBLY, TYP.

TABLE C.1: ONE WAY MULLIONS 2" 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
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-5.
- 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.



#### 2" SPREAD MULLION





3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

(541) 882-3451 FAX: (541) 850-2609

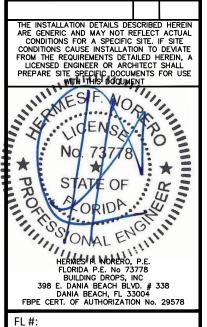
ONE WAY 2" SOLID SPREAD MULLION

BUILDING DROPS, I 398 E. DANIA BEACH BLVD., STE. DANIA BEACH, FI 33004 PH: (954)399-8478 FAX: (954)744.4738

BY DATE 6TH FBC CODE CHANGE 9.5.17

W-5500 CLAD ADDITION LL

REMARKS



FL21060

09.05.17 DATE: DWG. BY: CHK. BY:

CL SCALE:

NTS JW062 DWG. #:

SHEET:

102.0

108.0

114.0

120.0

65.0

63.5

54.0

46.3

65.0

65.0

65.0

56.5

47.6

40.5

34.7

65.0

64 0

54.2

45.2

38.1

32.4

27.8

61.2

53.3

45.2

37.7

31.7

27.0

23.1

56.5

49 2

41.7

34.8

29.3

24.9

21.4

52.5

45 7

38.7

32.3

27.2

23.1

19.8

							<u>Maximum</u>	design pres	sure capacity	chart (psf):					
	L - Mull							W - T	ributary Wi	dth (in)					
L	.ength (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0
	24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.7
	54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.6	61.3	58.4	55.8
	60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.9	61.3	58.1	55.2	52.6	50.2
	66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.7	59.0	55.8	52.8	50.2	47.8	45.6
	72.0	65.0	65.0	65.0	65.0	65.0	65.0	61.3	57.5	54.1	51.1	48.4	46.0	43.8	41.8
	78.0	65.0	65.0	65.0	65.0	65.0	60.7	56.6	53.1	50.0	47.2	44.7	42.5	40.4	38.6

49.0

427

36.2

30.1

25.4

21.6

18.5

45.9

40.0

33.9

28.3

23.8

20.2

17.4

43.2

37.6

31.9

26.6

22.4

19.1

16.3

40.8

35.6

30.1

25.1

21.2

18.0

15.4

38.7

33.7

28.5

23.8

20.1

17.0

36.7

32.0

27.1

22.6

19.0

16.2

						<u>Maximum</u>	design press	ure capacity	chart (psf):						
L - Mull							W - T	ributary Wid	lth (in)						
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	64.7	62.9	61.4	60.2	59.3	58.7	58.3	58.2	58.2
72.0	65.0	65.0	65.0	65.0	61.9	59.2	56.9	55.0	53.4	52.1	51.1	50.3	49.7	49.2	48.9
78.0	65.0	65.0	65.0	58.7	55.5	52.9	50.7	48.9	47.3	46.0	44.9	44.0	43.3	42.7	41.9
84.0	65.0	65.0	61.2	53.3	50.4	47.9	45.8	44.0	42.5	41.2	40.1	39.1	38.3	37.6	36.7
90.0	65.0	65.0	56.3	48.9	46.1	43.7	41.7	40.0	38.5	37.2	36.1	35.2	34.4	33.7	32.6
96.0	65.0	62.9	52.1	45.1	42.5	40.2	38.3	36.7	35.2	34.0	32.9	32.0	31.2	30.5	29.3
102.0	65.0	58.7	48.6	41.9	39.4	37.2	35.4	33.8	32.5	31.3	30.2	29.3	28.5	27.8	26.7
108.0	65.0	55.0	45.4	39.1	36.7	34.7	32.9	31.4	30.1	29.0	28.0	27.1	26.3	25.6	24.4
114.0	65.0	51.8	42.7	36.7	34.4	32.4	30.8	29.3	28.1	27.0	26.0	25.1	24.4	23.7	22.6
120.0	63.4	48.9	40.2	34.5	32.3	30.5	28.9	27.5	26.3	25.2	24.3	23.5	22.7	22.1	21.0

#### TABLE C.2: TWO WAY MULLIONS 2" SOLID SPREAD MULLION CONTINUOUS

- 'TWO-WAY' MULLIONS REFER TO EITHER 'X' OR 'T' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- 2. 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 2-5.
- 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.
- 6. INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

#### TABLE C.3: DISCONTINUOUS MULLION

72.0

65.0

65.0

65.0

65.0

57.5

51.1

46.0

41.8

38.3

35.4

30.6

26.7

22.6

18.8

15.9

33.4

29 1

24.7

20.6

17.3

35.0

30.5

25.8

21.5

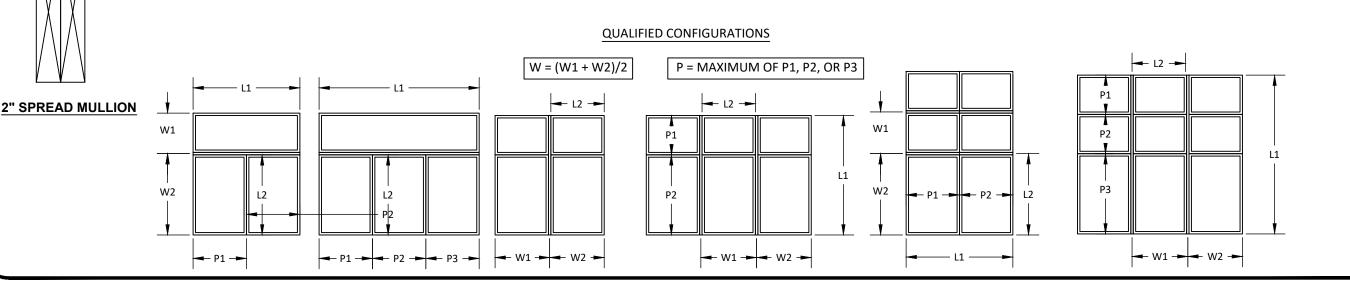
18.1

15.4

- 1. THE DESIGN PRESSURE TABLE HEREIN IS LIMITED BY CAPACITY OF MULL JOINT AT 'T' OR 'X'
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN
- 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:**

- 1. 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

(541) 882-3451 FAX: (541) 850-2609

WAY 2" SOLID MULLION

CLAD I

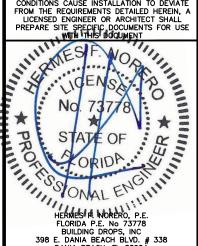
OR

REMARKS

398 E. DAING DROPS, 1 398 E. DAINA BEACH BLVD., STE. DAINA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738

BY DATE 9.5.17 TH FBC CODE CHANGE N-5500 CLAD ADDITION 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



DANIA BEACH, FL 33004 FBPE CERT. OF AUTHORIZATION No. 29578

FL21060

09.05.17 DATE: CHK. BY:

DWG. BY: CI

**HFN** NTS

JW062 DWG. #:

SHEET:

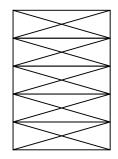
SCALE:

:ld-wen\fbc-19-0536 - fbc submittal - product name update, w-5500, f117868, f121060, f126356\dwgs\jw062.dwg
d-wen\fbc-19-0536 - fbc submittal - product name update, w-5500, fl17868, fl21060, fl263
J-wen\fbc-19-0536 - fbc submittal - product name update, w-5500,
J-wen\fbc-19-0536 - fbc submittal - product name update, w-5500,
d-wen\fbc-19-0536 - fbc submittal - product name update, w−
d-wen\fbc-19-05
d-wen\fbc

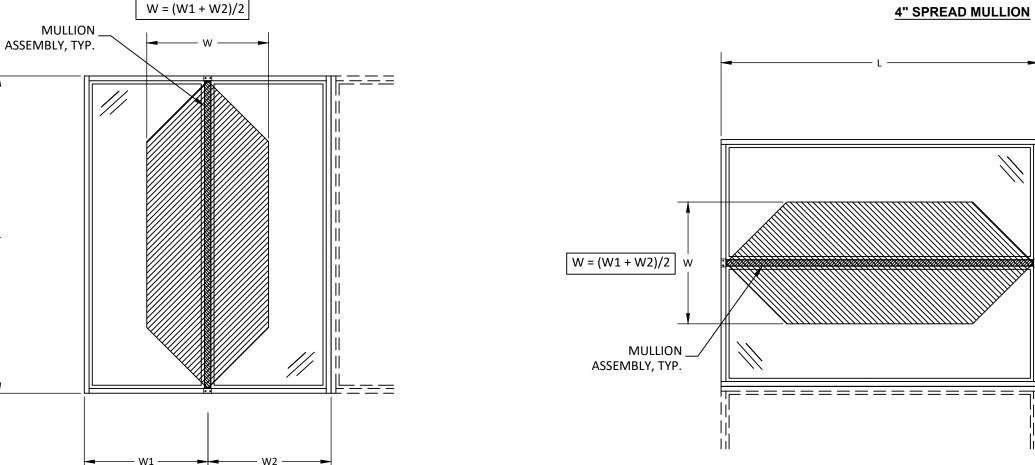
						Maximum	design press	ure capacity	chart (psf):						
L - Mull							W - T	ributary Wid	dth (in)						
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
84.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.6	62.8	61.3	60.1	59.0	57.5
90.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.7	60.4	58.4	56.7	55.2	53.9	52.8	51.1
96.0	65.0	65.0	65.0	65.0	65.0	63.1	60.1	57.5	55.3	53.3	51.6	50.2	48.9	47.8	46.0
102.0	65.0	65.0	65.0	65.0	61.8	58.4	55.5	53.1	50.9	49.1	47.4	46.0	44.7	43.6	41.8
108.0	65.0	65.0	65.0	61.3	57.6	54.4	51.6	49.3	47.2	45.4	43.9	42.5	41.2	40.1	38.3
114.0	65.0	65.0	65.0	57.5	53.9	50.9	48.3	46.0	44.0	42.3	40.8	39.4	38.2	37.2	35.4
120.0	65.0	65.0	63.1	54.1	50.7	47.8	45.3	43.1	41.2	39.6	38.1	36.8	35.6	34.6	32.9

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

- 1. '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 3-5 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN ON SHEETS 2-5.
- 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.



#### **4" SPREAD MULLION**





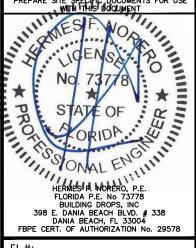
3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

(541) 882-3451 FAX: (541) 850-2609

BUILDING DROPS, I 398 E. DANIA BEACH BLVD., STE. PH. (954)399-8478 FAX: (954)744.4738

**REMARKS** BY DATE 6TH FBC CODE CHANGE W-5500 CLAD ADDITION

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W2

FL21060

09.05.17 DATE: DWG. BY: CHK. BY: HFN

CL NTS SCALE:

JW062 DWG. #:

SHEET:

W1

W2

**←** P1 →

Maximum design pressure capacity chart (psf):																
L - Mull		W - Tributary Width (in)														
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0	
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.7	57.5	
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.6	61.3	58.4	55.8	51.1	
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	64.9	61.3	58.1	55.2	52.6	50.2	46.0	
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	62.7	59.0	55.8	52.8	50.2	47.8	45.6	41.8	
72.0	65.0	65.0	65.0	65.0	65.0	65.0	61.3	57.5	54.1	51.1	48.4	46.0	43.8	41.8	38.3	
78.0	65.0	65.0	65.0	65.0	65.0	60.7	56.6	53.1	50.0	47.2	44.7	42.5	40.4	38.6	35.4	
84.0	65.0	65.0	65.0	65.0	60.7	56.3	52.6	49.3	46.4	43.8	41.5	39.4	37.6	35.8	32.9	
90.0	65.0	65.0	65.0	61.3	56.6	52.6	49.1	46.0	43.3	40.9	38.7	36.8	35.0	33.5	30.7	
96.0	65.0	65.0	65.0	57.5	53.1	49.3	46.0	43.1	40.6	38.3	36.3	34.5	32.9	31.4	28.8	
102.0	65.0	65.0	64.9	54.1	50.0	46.4	43.3	40.6	38.2	36.1	34.2	32.5	30.9	29.5	27.1	
108.0	65.0	65.0	61.3	51.1	47.2	43.8	40.9	38.3	36.1	34.1	32.3	30.7	29.2	27.9	25.6	
114.0	65.0	65.0	58.1	48.4	44.7	41.5	38.7	36.3	34.2	32.3	30.6	29.1	27.7	26.4	24.2	
120.0	65.0	65.0	55.2	46.0	42.5	39.4	36.8	34.5	32.5	30.7	29.1	27.6	26.3	25.1	23.0	

							4		alanat (a.a.O.						
L - Mull		Maximum design pressure capacity chart (psf):  W - Tributary Width (in)													
Length (in)	18.0	24.0	30.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	72.0
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	64.7	62.9	61.4	60.2	59.3	58.7	58.3	58.2	58.2
72.0	65.0	65.0	65.0	65.0	61.9	59.2	56.9	55.0	53.4	52.1	51.1	50.3	49.7	49.2	48.9
78.0	65.0	65.0	65.0	58.7	55.5	52.9	50.7	48.9	47.3	46.0	44.9	44.0	43.3	42.7	41.9
84.0	65.0	65.0	61.2	53.3	50.4	47.9	45.8	44.0	42.5	41.2	40.1	39.1	38.3	37.6	36.7
90.0	65.0	65.0	56.3	48.9	46.1	43.7	41.7	40.0	38.5	37.2	36.1	35.2	34.4	33.7	32.6
96.0	65.0	62.9	52.1	45.1	42.5	40.2	38.3	36.7	35.2	34.0	32.9	32.0	31.2	30.5	29.3
102.0	65.0	58.7	48.6	41.9	39.4	37.2	35.4	33.8	32.5	31.3	30.2	29.3	28.5	27.8	26.7
108.0	65.0	55.0	45.4	39.1	36.7	34.7	32.9	31.4	30.1	29.0	28.0	27.1	26.3	25.6	24.4
114.0	65.0	51.8	42.7	36.7	34.4	32.4	30.8	29.3	28.1	27.0	26.0	25.1	24.4	23.7	22.6
120.0	63.4	48.9	40.2	34.5	32.3	30.5	28.9	27.5	26.3	25.2	24.3	23.5	22.7	22.1	21.0

L2

P1 -- P2 -- P3 --

## QUALIFIED CONFIGURATIONS

W = (W1 + W2)/2

**←** L2 <del>►</del>

**→** W1 → W2 →

P = MAXIMUM OF P1, P2, OR P3 **←** L2 → W1 P1 L1 W2 P2 **→** W1 → W2 →

- TABLE D.2: TWO WAY MULLIONS 4" SOLID SPREAD MULLION CONTINUOUS

  1. 'TWO-WAY' MULLIONS REFER TO EITHER 'X' OR 'T' TYPE ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- 2. THE DESIGN PRESSURE TABLE HEREIN APPLIES TO MULLION MEMBERS ON SHEETS 5 ONLY.
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN
- 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.
- 6. 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 'T' OR 'X'
- WINDOW ASSEMBLIES MAY BE INTERMIXED COMBINATIONS OF FRAMES & MULLIONS AS SHOWN
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN
- INDIVIDUAL WINDOW UNITS SHALL BE UNDER SEPARATE APPROVAL.

#### **INSTRUCTION NOTE:**

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

P1

P2

Р3

L2 →

W1 → W2 →

- INTERSECTIONS.
- ON SHEETS 2-5.
- DESIGN PRESSURES LISTED SHALL BE READ AS POSITIVE AND NEGATIVE PRESSURES.
- TABLE) OR INDIVIDUAL WINDOW UNIT.



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 BOCUMENT

STATE OF

HERMES F. NORERO, P.E. FLORIDA P.E. NO 73778 BUILDING DROPS, INC

398 E. DANIA BEACH BLYD. # 338 DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578 FL21060

3737 LAKEPORT BLVD KLAMATH FALLS, OR 97601

*OR W-5500 CLAD DOUBLE HUNG* TWO WAY 4" SOLID SPREAD MULLION

REMARKS

6TH FBC CODE CHANGE

W-5500 CLAD ADDITION

(541) 882-3451 FAX: (541) 850-2609

BUILDING DROPS, I 398 E. DANIA BEACH BLOJ., STE. DANIA BEACH, F. 133004 PH: (954)399-8478 FAX: (954)344.4738

BY DATE

9.5.17

6.11.19

09.05.17 DATE: DWG. BY: CHK. BY: HFN

CL NTS SCALE:

JW062 DWG. #:

SHEET:

3. L2 IS SPAN FOR DISCONTINUOUS MULLION.