# **ANDERSEN CORPORATION**

#### **INSTALLATION NOTES:**

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE SHEATHING, & 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.
- 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 COMPRESSIVE STRENGTH OF 3000 PSI.
  - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
  - HOLLOW BLOCK CMU UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
  - STEEL MINIMUM WALL THICKNESS OF 54 MILS (16 GA.) WHEN THROUGH GUSSET INSTALLATION.
  - ALUMINUM 1/8" MINIMUM THICKNESS (6063-T5)

## MULLING INSTRUCTIONS:

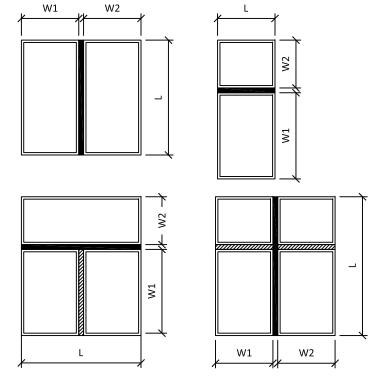
- STEP 1: ESTABLISH MULL ASSEMBLY FRAME TYPES AND MULL CONFIGURATION.
- STEP 2: VERIFY MULL ASSEMBLY CONSTRUCTION FROM SHEETS 2-3.
- STEP 3: DETERMINE ALLOWABLE LOAD OF MULL ASSEMBLY FROM APPLICABLE LOAD TABLE, REFFER TO SHEETS 5-11.
- STEP 4: INSTALL MULLION BASED ON APPLICABLE SPECIFICATIONS SHOWN ON SHEET 3.

#### **GENERAL NOTES:**

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING CODE (FBC) EXCLUDING HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- 6TH EDITION FLORIDA BUILDING CODE SECTION 1709.8
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 4. SEE SHEET 3 FOR ANCHOR INFORMATION ON EDGE DISTANCE AND EMBEDMENT & OTHER INSTALLATION REQUIREMENTS.
- 5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS, IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PERA OR AHJ.
- 6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE OF WZ3 OR LESS.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE OF WZ4.
- 8. MULLION MATERIAL: PACIFIC WOOD LAMINATES
- 9. IN ACCORDANCE WITH CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES PER CH24.
- 10.IN ACCORDANCE WITH THE CURRENT FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED PER CH20.
- 11.DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING: X: OPERABLE PANEL O: FIXED PANEL
- 11.CUSTOM SIZES AVAILABLE UPON REQUEST, CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- 12.MULL ASSEMBLIES ARE QUALIFIED FOR TWO OR MORE UNITS PER OPENING IN THE FOLLOWING CONFIGURATIONS:
- "ONE WAY" RIBBON OR STACKED MULLIONS
- "TWO WAY" 'X' OR 'T' MULLIONS

MISSILE IMPACT RATING WZ3 MISSILE IMPACT RATED

# LAMINATED VENEERED LUMBER (LVL) **CLIPPED MULLION**



**TYPICAL ELEVATIONS** 

	TAE	BLE OF CONTENTS
SHEET	REVISION	SHEET DESCRIPTION
1		GENERAL & INSTALLATION NOTES
2		MULLIONS AND COMPONENTS
3		VERTICAL SECTIONS AND INSTALLATION DETAILS
4		1" x 3.5" LVL MULLION ONE WAY LOAD TABLE
5		1" x 3.5" LVL MULLION TWO WAY LOAD TABLE
6		2" x 3.5" LVL MULLION ONE WAY LOAD TABLE
7		2" x 3.5" LVL MULLION TWO WAY LOAD TABLE
8		1" x 5" LVL MULLION ONE WAY LOAD TABLE
9		1" x 5" LVL MULLION TWO WAY LOAD TABLE
10		2" x 5" LVL MULLION ONE WAY LOAD TABLE
11		2" x 5" LVL MULLION TWO WAY LOAD TABLE



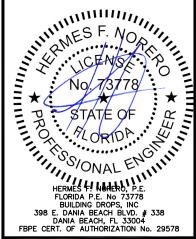
100 FOURTH AVE. NORTH PH: (651) 264-5150 FX: (651) 264-5485

GENERAL AND INSTALLATION NOT LAMINATED VENEERED LUMBER (LVL) MULLION

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

REMARKS BY DATE 6TH FBC CODE CHANGE RV 10/17

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DWG. BY: RV

DWG. #: AWD197

NTS

SHEET

SCALE:

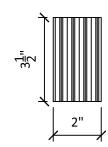


1 OF 11

HFN

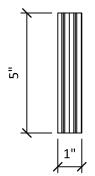
## 1"x3.5" LVL MULLION

PACIFIC WOOD LAMINATES DOUGLAS-FIR LVL (PACWORKS SERIES) MINIMUM DESIGN PROPERTIES: F=2400 PSI, E=1.8x10 PSI (USE WITH B4 CLIP)



# 2.5"x3.5" LVL MULLION

PACIFIC WOOD LAMINATES DOUGLAS-FIR LVL (PACWORKS SERIES) MINIMUM DESIGN PROPERTIES: F=2400 PSI, E=1.8x10 PSI (USE WITH B4 CLIP)



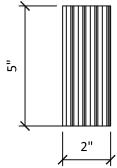
# 1"x5" LVL MULLION

PACIFIC WOOD LAMINATES DOUGLAS-FIR LVL (PACWORKS SERIES) MINIMUM DESUGN PROPERTIES: F=2400 PSI, E=1.8x10 PSI (USE WITH B4 CLIP)



# 2"x5" LVL MULLION

PACIFIC WOOD LAMINATES DOUGLAS-FIR LVL (PACWORKS SERIES) MINIMUM DESUGN PROPERTIES: F=2400 PSI, E=1.8x10 PS (USE WITH B1 CLIP)





Andersen

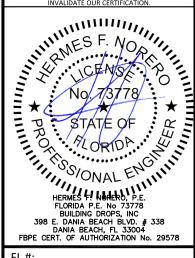
BAYPORT, MN 55003-1096 PH: (651) 264-5150 FX: (651) 264-5485

BUILDING DROPS, INC.

898 E. DANIA BEACH BLVD., STE. 338
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**AWD197** DWG. #:

SHEET

FL #:

7\frac{1}{2}" 2<u>5</u>" <u>15</u>"  $\oplus$ # 1<u>3</u>  $\oplus$  $\oplus$ 2<u>11</u>"  $2\frac{1}{4}$ " REF. <mark>|7</mark>|| 31, 3. TYP. 성" TYP. .015" x 45° SCORE LINE (TYP.) 3<u>1</u>"

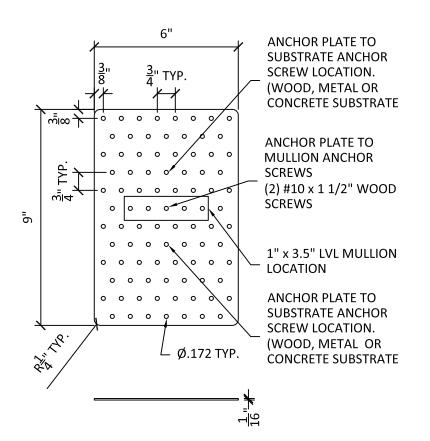
> **MULLION CLIP - B1** ALUMINUM (6063-T6)

> > FOR 2" MULLION

TYP. <u>15</u>"  $\oplus$ ₩. 2<u>1</u>" REF. TYP. شًا∞ شًا∞ .015" x 45° SCORE LINE 35' (TYP.) **MULLION CLIP - B4** ALUMINUM (6063-T6)

FOR 1" MULLION

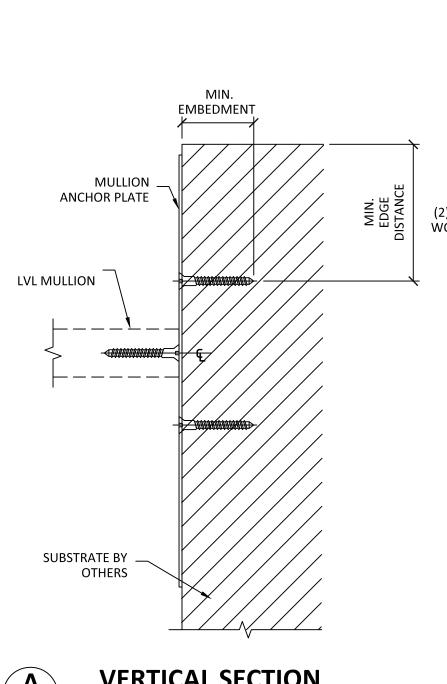
7"



# **MULLION CLIP PLATE**

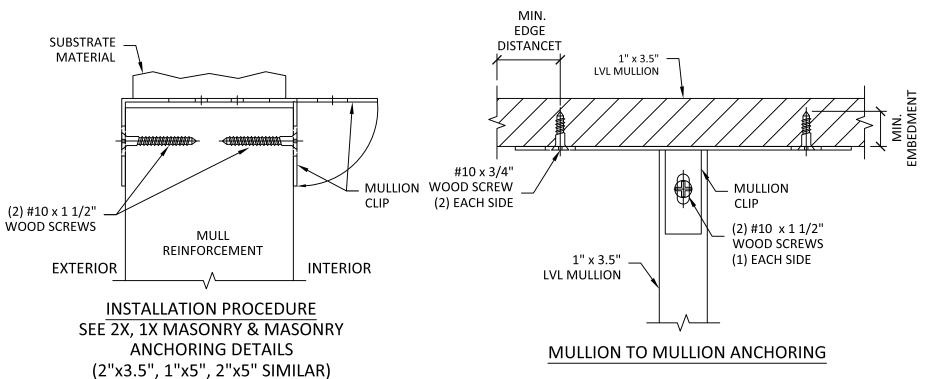
STAINLESS STEEL

2



**VERTICAL SECTION** 3

**VERTICAL SECTION CLIP PLATE INSTALLATION** 





# **INSTALLATION DETAIL**

**MULLION TO MULLION** 

	ANCHOR SCI	HEDULE FOR B1 & B4 8	& PLATE CLIPS	
SUBSTRATE	SCREW QTY PER LOCATION	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
WOOD MIN. S.G.= 0.55	6	#10 x 1 1/2" SELF DRILLING SCREW	1.5	0.75
CONCRETE MIN. f'c =3000PSI	6	1/4" ITW TAPCON SCREWS	1.0	2.50
MASONRY CMU BLOCK MIN. f'c =2000PSI	6	½" ITW TAPCON SCREWS	1.0	2.50
STEEL MIN. 18 GUAGE	6	#10 x 1 1/2" SELF DRILLING SCREW	3 THREADS MIN PENETRATION	0.50
STEEL MULLION FOR B1 & B4 INSTALLATION	4	1/4-20 x 1 1/2" PFH SMS	3 THREADS MIN PENETRATION	0.50



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LAMINATED VENEERED LUMBER (LVL) MULLION

REMARKS

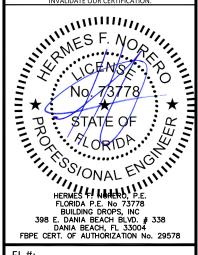
VERTICAL SECTIONS

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD, STE. 338
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BY DATE 6TH FBC CODE CHANGE RV 10/17

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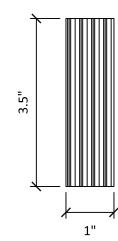
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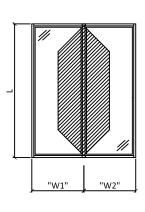


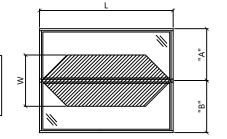
MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull						W - Tril	outary W	idth (in)					
Length (in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
32.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
36.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
40.0	150.0	150.0	144.6	140.0	136.6	134.1	132.7	132.2	132.2	132.2	132.2	132.2	132.2
44.0	134.7	120.2	114.9	110.5	106.9	104.1	102.0	100.5	99.6	99.3	99.3	99.3	99.3
48.0	111.2	98.6	93.8	89.8	86.4	83.7	81.4	79.6	78.3	77.3	76.7	76.5	76.5
52.0	93.5	82.4	78.2	74.6	71.5	68.9	66.7	64.9	63.4	62.3	61.4	60.7	60.3
56.0	79.8	70.0	66.3	63.0	60.3	57.9	55.9	54.1	52.7	51.4	50.4	49.6	49.0
60.0	69.0	60.3	56.9	54.1	51.6	49.4	47.6	46.0	44.6	43.4	42.3	41.5	40.8
64.0	60.2	52.5	49.5	46.9	44.7	42.7	41.0	39.6	38.3	37.1	36.1	35.3	34.6
68.0	53.0	46.2	43.5	41.1	39.1	37.4	35.8	34.5	33.3	32.2	31.3	30.5	29.7
72.0	47.1	40.9	38.5	36.4	34.6	33.0	31.5	30.3	29.2	28.2	27.4	26.6	25.9
76.0	40.1	34.9	32.9	31.1	29.5	28.2	27.0	25.9	25.0	24.1	23.4	22.7	22.2
80.0	34.3	29.8	28.0	26.5	25.1	23.9	22.9	22.0	21.2	20.4	19.8	19.2	18.7
84.0	29.5	25.6	24.1	22.7	21.5	20.5	19.6	18.8	18.1	17.4	16.9	16.3	15.9
88.0	25.6	22.2	20.8	19.7	18.6	17.7	16.9	16.2	15.6	15.0	-	-	-
92.0	22.3	19.3	18.2	17.1	16.2	15.4	-	-	-	-	-	-	-
96.0	19.6	17.0	15.9	15.0	-	-	-	-	-	-	-	-	-
100.0	17.3	-	-	-	-	-	-	-	-	-	-	-	-
104.0	15.4	-	-	-	-	-	-	-	-	-	-	-	-
108.0	-	-	-	-	-	-	-	-	-	-	-	-	-
112.0	-	-	-	-	-	-	-	-	-	-	-	-	-
116.0	-	-	-	-	-	-	-	-	-	-	-	-	-
120.0	-	-	-	-	-	-	-	-	-	-	-	-	-

#### NOTE:

- 1) MULLION CHART APPLIES TO 1" X 3.5" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
  - B1 & B4 CLIP INSTALLATION TO WOOD, METAL STUD, CONCRETE OR LVL MULLION.
  - PLATE CLIP INSTALLATION TO WOOD, METAL STUD, CONCRETE OR LVL MULLION.
- 6) TRIBUTARY WIDTH = W = (W1+W2)/2
- 7) REFER TO SHEET 3 FOR INSTALLATION DETAILS.
- 8) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.







W1 + W2 = W



100 FOURTH AVE. NORTH PH: (651) 264-5150 FX: (651) 264-5485

LAMINATED VENEERED LUMBER (LVL) MULLION

DBY:
BUILDING DROPS, II

REMARKS BY DATE 6TH FBC CODE CHANGE RV 10/17

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**AWD197** DWG. #:

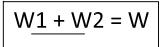
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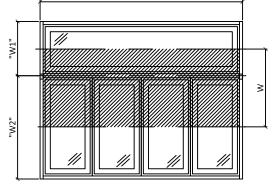


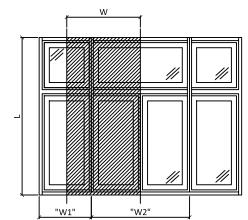
	MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull Length						W - Tril	outary W	idth (in)						
(in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	147.7	
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	143.9	137.6	131.9	126.6	
32.0	150.0	150.0	150.0	150.0	150.0	150.0	144.9	137.7	131.1	125.2	119.7	114.8	110.2	
36.0	150.0	150.0	145.1	136.0	128.0	120.9	114.5	108.8	103.6	98.9	94.6	90.7	87.0	
40.0	146.9	125.9	117.5	110.2	103.7	97.9	92.8	88.1	83.9	80.1	76.6	73.4	70.5	
44.0	121.4	104.0	97.1	91.0	85.7	80.9	76.7	72.8	69.4	66.2	63.3	60.7	58.3	
48.0	102.0	87.4	81.6	76.5	72.0	68.0	64.4	61.2	58.3	55.6	53.2	51.0	49.0	
52.0	86.9	74.5	69.5	65.2	61.3	57.9	54.9	52.1	49.7	47.4	45.3	43.5	41.7	
56.0	74.9	64.2	60.0	56.2	52.9	50.0	47.3	45.0	42.8	40.9	39.1	37.5	36.0	
60.0	65.3	56.0	52.2	49.0	46.1	43.5	41.2	39.2	37.3	35.6	34.1	32.6	31.3	
64.0	57.4	49.2	45.9	43.0	40.5	38.3	36.2	34.4	32.8	31.3	29.9	28.7	27.5	
68.0	50.8	43.6	40.7	38.1	35.9	33.9	32.1	30.5	29.0	27.7	26.5	25.4	24.4	
72.0	45.3	38.9	36.3	34.0	32.0	30.2	28.6	27.2	25.9	24.7	23.7	22.7	21.8	
76.0	38.5	33.0	30.8	28.9	27.2	25.7	24.3	23.1	22.0	21.0	20.1	19.3	18.5	
80.0	33.0	28.3	26.4	24.8	23.3	22.0	20.9	19.8	18.9	18.0	17.2	16.5	15.9	
84.0	28.5	24.5	22.8	21.4	20.2	19.0	18.0	17.1	16.3	15.6	14.9	14.3	13.7	
88.0	24.8	21.3	19.9	18.6	17.5	16.6	15.7	14.9	14.2	13.5	13.0	12.4	11.9	
92.0	21.7	18.6	17.4	16.3	15.3	14.5	13.7	13.0	12.4	11.9	11.3	10.9	10.4	
96.0	19.1	16.4	15.3	14.3	13.5	12.8	12.1	11.5	10.9	10.4	10.0	9.6	9.2	
100.0	16.9	14.5	13.5	12.7	11.9	11.3	10.7	10.2	9.7	9.2	8.8	8.5	8.1	
104.0	15.0	12.9	12.0	11.3	10.6	10.0	9.5	9.0	8.6	8.2	7.8	7.5	7.2	
108.0	13.4	11.5	10.7	10.1	9.5	9.0	8.5	8.1	7.7	7.3	7.0	6.7	6.4	
112.0	12.0	10.3	9.6	9.0	8.5	8.0	7.6	7.2	6.9	6.6	6.3	6.0	5.8	
116.0	10.8	9.3	8.7	8.1	7.7	7.2	6.8	6.5	6.2	5.9	5.7	5.4	5.2	
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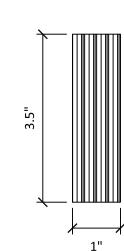


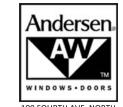
- 1) MULLION CHART APPLIES TO 1" X 3.5"MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY, STACK OR RIBBON, CONFIGURATIONS.
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
- 5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS:
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  - PLATE CLIP INSTALLATION TO WOOD, METAL STUD, CONCRETE OR LVL MULLION.
- 6) TRIBUTARY WIDTH = W = (W1+W2)/2
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- 8) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.











PH: (651) 264-5150 FX: (651) 264-5485

LAMINATED VENEERED LUMBER (LVL) MULLION

DBY:
BUILDING DROPS, II

REMARKS BY DATE 6TH FBC CODE CHANGE RV 10/17

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FL24231

DATE: 10.05.17 DWG. BY: CHK. BY: HFN

NTS SCALE:

**AWD197** DWG. #:

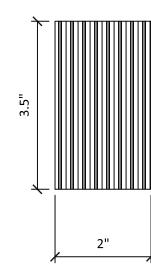
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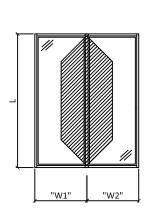


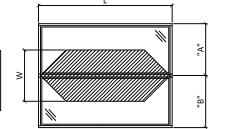
	MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull Length						W - Tril	outary W	idth (in)						
(in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
32.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
36.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
40.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
44.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
48.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
52.0	150.0	150.0	150.0	150.0	149.1	144.9	141.5	138.6	136.3	134.4	133.0	132.0	131.4	
56.0	150.0	150.0	144.2	138.6	133.8	129.7	126.2	123.2	120.7	118.6	116.9	115.5	114.5	
60.0	150.0	137.7	131.4	126.0	121.3	117.3	113.9	110.9	108.3	106.1	104.2	102.7	101.4	
64.0	142.2	126.7	120.7	115.5	111.0	106.3	102.1	98.4	95.2	92.4	89.9	87.8	86.0	
68.0	132.0	114.9	108.2	102.4	97.4	93.0	89.1	85.7	82.7	80.1	77.8	75.8	74.0	
72.0	117.2	101.8	95.8	90.5	86.0	82.0	78.5	75.4	72.7	70.2	68.1	66.2	64.5	
76.0	104.7	90.9	85.4	80.7	76.6	72.9	69.7	66.9	64.4	62.1	60.1	58.4	56.8	
80.0	94.2	81.7	76.7	72.4	68.6	65.3	62.4	59.8	57.5	55.4	53.5	51.9	50.4	
84.0	85.2	73.8	69.3	65.3	61.9	58.8	56.2	53.8	51.6	49.7	48.0	46.5	45.1	
88.0	77.5	67.0	62.9	59.2	56.1	53.3	50.8	48.6	46.7	44.9	43.3	41.9	40.6	
92.0	70.7	61.1	57.3	54.0	51.1	48.5	46.3	44.2	42.4	40.8	39.3	38.0	36.8	
96.0	64.8	56.0	52.5	49.4	46.7	44.4	42.3	40.4	38.7	37.2	35.8	34.6	33.5	
100.0	59.6	51.5	48.2	45.4	42.9	40.7	38.8	37.1	35.5	34.1	32.8	31.7	30.6	
104.0	55.1	47.5	44.5	41.9	39.6	37.5	35.7	34.1	32.7	31.4	30.2	29.1	28.1	
108.0	51.0	44.0	41.2	38.7	36.6	34.7	33.0	31.5	30.2	28.9	27.8	26.8	25.9	
112.0	46.3	40.0	37.5	35.3	33.4	31.7	30.1	28.8	27.6	26.4	25.4	24.5	23.7	
116.0	41.7	35.9	33.7	31.7	29.9	28.4	27.0	25.8	24.7	23.7	22.8	22.0	21.2	
120.0	37.6	32.4	30.4	28.6	27.0	25.6	24.3	23.2	22.2	21.3	20.5	19.8	19.1	



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W1 + W2 = W



100 FOURTH AVE. NORTH PH: (651) 264-5150 FX: (651) 264-5485

LAMINATED VENEERED LUMBER (LVL) MULLION

DBY:
BUILDING DROPS, II

REMARKS BY DATE 6TH FBC CODE CHANGE RV 10/17

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FL24231

DATE: 10.05.17 DWG. BY: CHK. BY: HFN

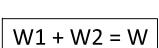
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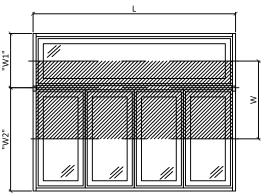
**AWD197** DWG. #:

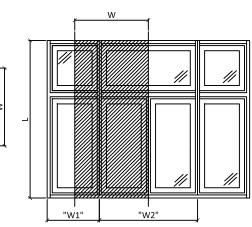
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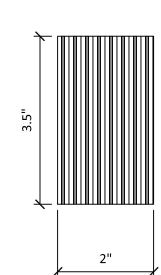


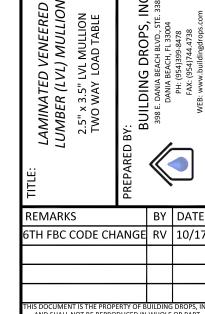
	MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull						W - Trib	outary W	idth (in)						
Length (in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	147.7	
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	143.9	137.6	131.9	126.6	
32.0	150.0	150.0	150.0	150.0	150.0	150.0	145.8	138.5	131.9	125.9	120.4	115.4	110.8	
36.0	150.0	150.0	150.0	150.0	144.8	136.8	129.6	123.1	117.3	111.9	107.1	102.6	98.5	
40.0	150.0	150.0	147.7	138.5	130.4	123.1	116.6	110.8	105.5	100.7	96.4	92.3	88.6	
44.0	150.0	143.9	134.3	125.9	118.5	111.9	106.0	100.7	95.9	91.6	87.6	83.9	80.6	
48.0	150.0	131.9	123.1	115.4	108.6	102.6	97.2	92.3	87.9	83.9	80.3	77.0	73.9	
52.0	142.1	121.8	113.6	106.5	100.3	94.7	89.7	85.2	81.2	77.5	74.1	71.0	68.2	
56.0	131.9	113.1	105.5	98.9	93.1	87.9	83.3	79.1	75.4	72.0	68.8	66.0	63.3	
60.0	123.1	105.5	98.5	92.3	86.9	82.1	77.8	73.9	70.4	67.2	64.2	61.6	59.1	
64.0	114.8	98.4	91.8	86.1	81.0	76.5	72.5	68.9	65.6	62.6	59.9	57.4	55.1	
68.0	101.6	87.1	81.3	76.2	71.8	67.8	64.2	61.0	58.1	55.4	53.0	50.8	48.8	
72.0	90.7	77.7	72.5	68.0	64.0	60.4	57.3	54.4	51.8	49.5	47.3	45.3	43.5	
76.0	77.1	66.1	61.7	57.8	54.4	51.4	48.7	46.3	44.1	42.0	40.2	38.5	37.0	
80.0	66.1	56.7	52.9	49.6	46.7	44.1	41.7	39.7	37.8	36.1	34.5	33.0	31.7	
84.0	57.1	48.9	45.7	42.8	40.3	38.1	36.1	34.3	32.6	31.1	29.8	28.5	27.4	
88.0	49.7	42.6	39.7	37.2	35.1	33.1	31.4	29.8	28.4	27.1	25.9	24.8	23.8	
92.0	43.5	37.3	34.8	32.6	30.7	29.0	27.4	26.1	24.8	23.7	22.7	21.7	20.9	
96.0	38.3	32.8	30.6	28.7	27.0	25.5	24.2	23.0	21.9	20.9	20.0	19.1	18.4	
100.0	33.8	29.0	27.1	25.4	23.9	22.6	21.4	20.3	19.3	18.5	17.7	16.9	16.2	
104.0	30.1	25.8	24.1	22.6	21.2	20.1	19.0	18.1	17.2	16.4	15.7	15.0	14.4	
108.0	26.9	23.0	21.5	20.1	19.0	17.9	17.0	16.1	15.4	14.7	14.0	13.4	12.9	
112.0	24.1	20.6	19.3	18.1	17.0	16.1	15.2	14.5	13.8	13.1	12.6	12.0	11.6	
116.0	21.7	18.6	17.3	16.3	15.3	14.5	13.7	13.0	12.4	11.8	11.3	10.8	10.4	
120.0	19.6	16.8	15.7	14.7	13.8	13.1	12.4	11.8	11.2	10.7	10.2	9.8	9.4	











Andersen

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ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER
MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AN
INVALIDATE OUR CERTIFICATION.



FL24231

DATE: 10.05.17
DWG. BY: CHK. BY: HFN

SCALE: NTS

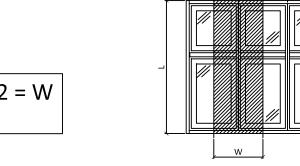
DWG. #: AWD197

SHEET

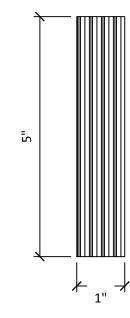
7 \_\_\_\_\_7 OF 11

#### NOTE:

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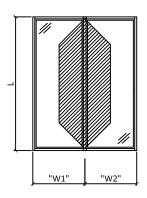


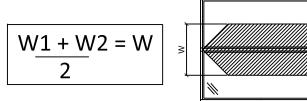
	MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull						W - Tril	outary W	idth (in)						
Length (in)	24.0	29.0	35.0	39.0	45.0	49.0	54.0	59.0	64.0	69.0	74.0	79.0	84.0	
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
32.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
36.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
40.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
44.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
48.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
52.0	150.0	150.0	143.3	134.4	126.2	123.5	122.9	122.9	122.9	122.9	122.9	122.9	122.9	
56.0	150.0	139.0	120.6	112.3	104.0	100.7	98.6	98.4	98.4	98.4	98.4	98.4	98.4	
60.0	140.8	119.6	103.1	95.4	87.5	84.0	81.2	80.0	80.0	80.0	80.0	80.0	80.0	
64.0	122.9	104.1	89.2	82.2	74.8	71.3	68.3	66.5	65.9	65.9	65.9	65.9	65.9	
68.0	108.3	91.4	78.0	71.7	64.8	61.5	58.4	56.4	55.2	55.0	55.0	55.0	55.0	
72.0	96.2	81.0	68.9	63.1	56.7	53.6	50.6	48.5	47.1	46.4	46.3	46.3	46.3	
76.0	86.0	72.3	61.3	56.0	50.2	47.2	44.4	42.3	40.8	39.9	39.4	39.4	39.4	
80.0	77.3	64.9	54.9	50.1	44.7	42.0	39.3	37.2	35.7	34.7	34.0	33.8	33.7	
84.0	69.9	58.6	49.5	45.1	40.1	37.6	35.0	33.1	31.6	30.5	29.8	29.3	29.2	
88.0	63.6	53.2	44.9	40.8	36.2	33.8	31.5	29.6	28.2	27.1	26.3	25.7	25.4	
92.0	58.0	48.5	40.9	37.1	32.9	30.7	28.5	26.7	25.3	24.3	23.4	22.8	22.4	
96.0	53.2	44.5	37.4	33.9	30.0	27.9	25.9	24.2	22.9	21.9	21.1	20.4	20.0	
100.0	49.0	40.9	34.3	31.1	27.4	25.5	23.6	22.1	20.8	19.8	19.0	18.4	17.9	
104.0	44.8	37.5	31.5	28.6	25.2	23.5	21.7	20.2	19.0	18.1	17.3	16.7	16.2	
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112.0	35.8	29.9	25.1	22.7	20.0	18.6	17.2	16.0	15.1	-	-	-	-	
116.0	32.2	26.8	22.5	20.4	17.9	16.7	15.4	-	-	-	-	-	-	
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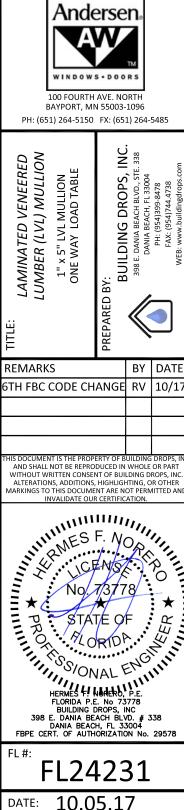


## NOTE:

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- 6) TRIBUTARY WIDTH = W = (W1+W2)/2
- 7) REFER TO SHEET 3 FOR INSTALLATION DETAILS.
- 8) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.







DWG. BY:

SCALE:

DWG. #:

SHEET

RV

CHK. BY:

NTS

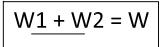
**AWD197** 

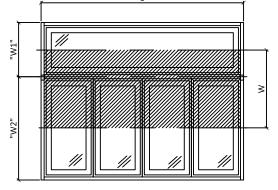
HFN

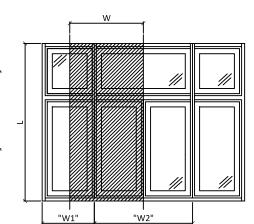
	MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull						W - Tril	outary W	idth (in)						
Length (in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	147.7	
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	143.9	137.6	131.9	126.6	
32.0	150.0	150.0	150.0	150.0	150.0	150.0	145.8	138.5	131.9	125.9	120.4	115.4	110.8	
36.0	150.0	150.0	150.0	150.0	144.8	136.8	129.6	123.1	117.3	111.9	107.1	102.6	98.5	
40.0	150.0	150.0	147.7	138.5	130.4	123.1	116.6	110.8	105.5	100.7	96.4	92.3	88.6	
44.0	150.0	143.9	134.3	125.9	118.5	111.9	106.0	100.7	95.9	91.6	87.6	83.9	80.6	
48.0	150.0	131.9	123.1	115.4	108.6	102.6	97.2	92.3	87.9	83.9	80.3	77.0	73.9	
52.0	142.1	121.8	113.6	106.5	100.3	94.7	89.7	85.2	81.2	77.5	74.1	71.0	68.2	
56.0	131.9	113.1	105.5	98.9	93.1	87.9	83.3	79.1	75.4	72.0	68.8	66.0	63.3	
60.0	123.1	105.5	98.5	92.3	86.9	82.1	77.8	73.9	70.4	67.2	64.2	61.6	59.1	
64.0	115.4	98.9	92.3	86.6	81.5	77.0	72.9	69.3	66.0	63.0	60.2	57.7	55.4	
68.0	103.8	89.0	83.0	77.8	73.3	69.2	65.6	62.3	59.3	56.6	54.2	51.9	49.8	
72.0	92.6	79.4	74.1	69.4	65.4	61.7	58.5	55.6	52.9	50.5	48.3	46.3	44.4	
76.0	83.1	71.2	66.5	62.3	58.7	55.4	52.5	49.9	47.5	45.3	43.4	41.5	39.9	
80.0	75.0	64.3	60.0	56.2	52.9	50.0	47.4	45.0	42.9	40.9	39.1	37.5	36.0	
84.0	68.0	58.3	54.4	51.0	48.0	45.3	43.0	40.8	38.9	37.1	35.5	34.0	32.7	
88.0	62.0	53.1	49.6	46.5	43.8	41.3	39.1	37.2	35.4	33.8	32.3	31.0	29.8	
92.0	56.7	48.6	45.4	42.5	40.0	37.8	35.8	34.0	32.4	30.9	29.6	28.4	27.2	
96.0	52.1	44.6	41.7	39.1	36.8	34.7	32.9	31.2	29.8	28.4	27.2	26.0	25.0	
100.0	48.0	41.1	38.4	36.0	33.9	32.0	30.3	28.8	27.4	26.2	25.0	24.0	23.0	
104.0	43.9	37.6	35.1	32.9	31.0	29.3	27.7	26.3	25.1	23.9	22.9	21.9	21.1	
108.0	39.2	33.6	31.4	29.4	27.7	26.1	24.8	23.5	22.4	21.4	20.4	19.6	18.8	
112.0	35.1	30.1	28.1	26.4	24.8	23.4	22.2	21.1	20.1	19.2	18.3	17.6	16.9	
116.0	31.6	27.1	25.3	23.7	22.3	21.1	20.0	19.0	18.1	17.3	16.5	15.8	15.2	
120.0	28.6	24.5	22.9	21.4	20.2	19.0	18.0	17.1	16.3	15.6	14.9	14.3	13.7	

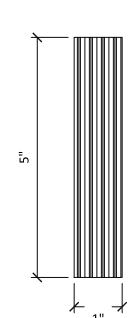


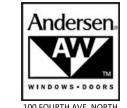
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PH: (651) 264-5150 FX: (651) 264-5485

LAMINATED VENEERED LUMBER (LVL) MULLION

DBY:
BUILDING DROPS, I

**REMARKS** BY DATE 6TH FBC CODE CHANGE RV 10/17

AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, INC ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER WARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AN INVALIDATE OUR CERTIFICATION.



FL24231

DATE: 10.05.17

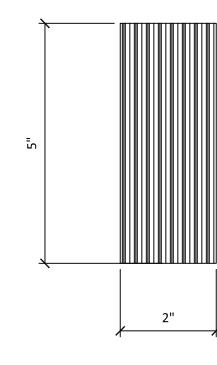
DWG. BY: CHK. BY: HFN NTS SCALE:

**AWD197** DWG. #:

SHEET

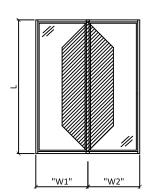


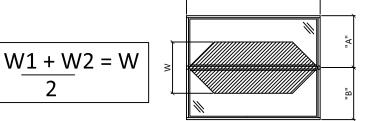
						MAXIN	/UM DE	SIGN PR	ESSURE (	CAPACIT	Y CHART	Γ (PSF):						
L - Mull								W	- Tributaı	y Width	(in)							
Length (in)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
26.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
30.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
32.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
34.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
36.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
38.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
40.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
42.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
44.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
46.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
48.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
50.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	147.8	145.7	144.0	142.8	142.2	141.9	141.9
52.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	149.1	144.9	141.5	138.6	136.3	134.4	133.0	132.0	131.4	131.2
54.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	145.9	141.0	136.9	133.4	130.4	128.0	126.0	124.4	123.2	122.4	121.8
56.0	150.0	150.0	150.0	150.0	150.0	150.0	144.2	138.6	133.8	129.7	126.2	123.2	120.7	118.6	116.9	115.5	114.5	113.7
58.0	150.0	150.0	150.0	150.0	150.0	144.0	137.5	132.0	127.3	123.2	119.7	116.7	114.2	112.0	110.2	108.7	107.5	106.6
60.0	150.0	150.0	150.0	150.0	145.2	137.7	131.4	126.0	121.3	117.3	113.9	110.9	108.3	106.1	104.2	102.7	101.4	100.3
62.0	150.0	150.0	150.0	147.8	139.3	132.0	125.8	120.5	116.0	112.0	108.6	105.6	103.0	100.8	98.9	97.3	95.9	94.8
64.0	150.0	150.0	150.0	142.2	133.8	126.7	120.7	115.5	111.0	107.1	103.7	100.8	98.2	96.0	94.1	92.4	91.0	89.8
66.0	150.0	150.0	146.6	136.9	128.7	121.8	116.0	110.9	106.5	102.7	99.3	96.4	93.9	91.6	89.7	88.0	86.5	85.3
68.0	150.0	150.0	141.5	132.0	124.1	117.3	111.6	106.6	102.3	98.6	95.3	92.4	89.9	87.7	85.7	84.0	82.5	81.2
70.0	150.0	147.8	136.7	127.4	119.7	113.1	107.5	102.7	98.5	94.8	91.5	88.7	86.2	84.0	82.1	80.3	78.8	77.5
72.0	150.0	143.1	132.2	123.2	115.7	109.2	103.7	99.0	94.9	91.3	88.1	85.3	82.8	80.6	78.7	77.0	75.5	74.2
74.0	150.0	138.6	128.0	119.2	111.9	105.6	100.2	95.6	91.5	0.88	84.9	82.1	79.7	77.5	75.6	73.9	72.4	71.1



### NOTE:

- 1) MULLION CHART APPLIES TO 2" X 5" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY, STACK OR RIBBON, CONFIGURATIONS.
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100 FOURTH AVE. NORTH PH: (651) 264-5150 FX: (651) 264-5485

LAMINATED VENEERED LUMBER (LVL) MULLION

DBY:
BUILDING DROPS, II

REMARKS BY DATE 6TH FBC CODE CHANGE RV 10/17

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FL24231

DATE: 10.05.17 DWG. BY: CHK. BY: HFN

NTS SCALE:

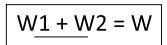
**AWD197** DWG. #:

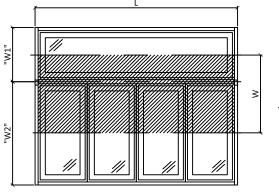
SHEET

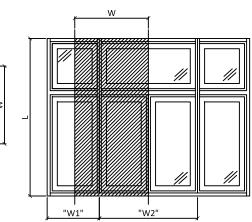
MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF):													
L - Mull						W - Tril	outary W	idth (in)					
Length (in)	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0
20.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
24.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	147.7
28.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	143.9	137.6	131.9	126.6
32.0	150.0	150.0	150.0	150.0	150.0	150.0	145.8	138.5	131.9	125.9	120.4	115.4	110.8
36.0	150.0	150.0	150.0	150.0	144.8	136.8	129.6	123.1	117.3	111.9	107.1	102.6	98.5
40.0	150.0	150.0	147.7	138.5	130.4	123.1	116.6	110.8	105.5	100.7	96.4	92.3	88.6
44.0	150.0	143.9	134.3	125.9	118.5	111.9	106.0	100.7	95.9	91.6	87.6	83.9	80.6
48.0	150.0	131.9	123.1	115.4	108.6	102.6	97.2	92.3	87.9	83.9	80.3	77.0	73.9
52.0	142.1	121.8	113.6	106.5	100.3	94.7	89.7	85.2	81.2	77.5	74.1	71.0	68.2
56.0	131.9	113.1	105.5	98.9	93.1	87.9	83.3	79.1	75.4	72.0	68.8	66.0	63.3
60.0	123.1	105.5	98.5	92.3	86.9	82.1	77.8	73.9	70.4	67.2	64.2	61.6	59.1
64.0	115.4	98.9	92.3	86.6	81.5	77.0	72.9	69.3	66.0	63.0	60.2	57.7	55.4
68.0	108.6	93.1	86.9	81.5	76.7	72.4	68.6	65.2	62.1	59.3	56.7	54.3	52.1
72.0	102.6	87.9	82.1	77.0	72.4	68.4	64.8	61.6	58.6	56.0	53.5	51.3	49.2
76.0	97.2	83.3	77.8	72.9	68.6	64.8	61.4	58.3	55.5	53.0	50.7	48.6	46.7
80.0	92.3	79.1	73.9	69.3	65.2	61.6	58.3	55.4	52.8	50.4	48.2	46.2	44.3
84.0	87.9	75.4	70.4	66.0	62.1	58.6	55.5	52.8	50.3	48.0	45.9	44.0	42.2
88.0	83.9	72.0	67.2	63.0	59.3	56.0	53.0	50.4	48.0	45.8	43.8	42.0	40.3
92.0	80.3	68.8	64.2	60.2	56.7	53.5	50.7	48.2	45.9	43.8	41.9	40.1	38.5
96.0	77.0	66.0	61.6	57.7	54.3	51.3	48.6	46.2	44.0	42.0	40.1	38.5	36.9
100.0	73.9	63.3	59.1	55.4	52.1	49.2	46.7	44.3	42.2	40.3	38.5	36.9	35.5
104.0	71.0	60.9	56.8	53.3	50.1	47.4	44.9	42.6	40.6	38.7	37.1	35.5	34.1
108.0	68.4	58.6	54.7	51.3	48.3	45.6	43.2	41.0	39.1	37.3	35.7	34.2	32.8
112.0	66.0	56.5	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4	33.0	31.7
116.0	63.3	54.2	50.6	47.4	44.6	42.2	39.9	38.0	36.1	34.5	33.0	31.6	30.4
120.0	57.1	49.0	45.7	42.9	40.3	38.1	36.1	34.3	32.6	31.2	29.8	28.6	27.4

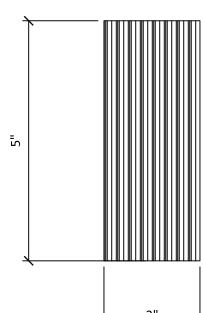


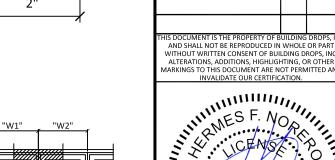
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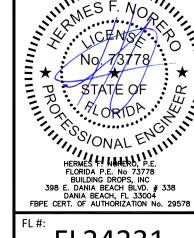












Andersen

100 FOURTH AVE. NORTH PH: (651) 264-5150 FX: (651) 264-5485

DBY:
BUILDING DROPS, II

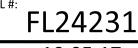
BY DATE

LAMINATED VENEERED LUMBER (LVL) MULLION

REMARKS

2" x 5" LVL MULLION TWO WAY LOAD TABL

6TH FBC CODE CHANGE RV 10/17



DATE: 10.05.17 DWG. BY: CHK. BY: HFN

NTS SCALE:

**AWD197** DWG. #:

SHEET

