

JELD-WEN

CLIPPED ALUMINUM TUBE MULLION

LARGE AND SMALL MISSILE IMPACT RESISTANT - HVHZ

MULLION SPAN VS. LOAD WIDTH TABLES - INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE PER TAS 201 / 202 / 203. AND ALUMINUM DESIGN MANUAL.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
6. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
7. ALL FENESTRATION PRODUCTS TO BE USED WITH THESE MULLIONS SHALL MEET ALL APPLICABLE CODE REQUIREMENTS, e.g. WIND LOAD RESISTANCE, AIR & WATER INFILTRATION, FORCED ENTRY, SAFEGUARDS, ETC.
8. TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. MULLIONS MAY BE MOUNTED VERTICALLY OR HORIZONTALLY AS APPLICABLE.
9. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
10. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G = 0.52 OR GREATER DENSITY.
11. MINIMUM ANCHOR EMBEDMENT SHALL BE AS NOTED IN HEREIN. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCWDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
12. MULLIONS SHOWN HEREIN ARE LARGE MISSILE IMPACT RESISTANT. VERIFY IMPACT RESISTANCE OF FENESTRATION PRODUCTS TO BE USED WITH THESE MULLIONS.
13. MULLIONS SHOWN HEREIN MAY BE USED IN LARGE MISSILE IMPACT, SMALL MISSILE IMPACT, AND NON-IMPACT APPLICATIONS.
14. IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FLORIDA BUILDING CODE, WOOD BUCKING SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
15. IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FLORIDA BUILDING CODE, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMUNUM WINDOW FRAMING SHALL HAVE BEEN PROTECTED.

INSTALLATION NOTES:

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
2. ENSURE MINIMUM EDGE DISTANCE FOR ALL ANCHORS AS 2-1/4" TO CONCRETE AND 2" TO HOLLOW BLOCK.
3. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
4. ANCHORS TO STEEL OR ALUMINUM SHALL HAVE A MINIMUM EDGE DISTANCE OF 1/2".
5. WOOD HOST STRUCTURE SHALL HAVE SPECIFIC GRAVITY (SG) = 0.55 OR GREATER.
6. ANCHOR REQUIREMENTS AS SHOWN HEREIN, INCLUDING MINIMUM EMBEDMENT AND EDGE DISTANCE, EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
7. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN WITHIN THE HVHZ, A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE SHALL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE BUILDING CODE COMPUANCE OFFICE PRODUCT CONTROL DIVISION.
8. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN OUTSIDE THE HVHZ, THE BUILDING OFFICIAL MAY REQUIRE A ONE-TIME SITE-SPECIFIC NOTICE OF ACCEPTANCE BE OBTAINED, OR THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
9. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO STRUCTURAL WOOD FRAMING MEMBERS, NOT SHEATHING.
10. PRESSURE TREATED WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
11. ANCHORS TO CONCRETE AND HOLLOW CONCRETE BLOCK MAY NOT BE USED IN CONJUNCTION WITH 'GOAL-POST' CLIP AND CUP PLATE.

ANCHOR SCHEDULE:

1. TO CONCRETE BLOCK
 - 1.1. 3/16" DIA. ITW ADVANCE THREADFORM TAPCONS WITH 1" MINIMUM EMBEDMENT AND 2" MINIMUM EDGE DISTANCE.
 - 1.2. ATTACHMENT MAY BE MADE THROUGH 1X OR 2X WOOD BUCKS OR DIRECTLY INTO MASONRY.
2. TO 2500 PSI MINIMUM CONCRETE
 - 2.1. 3/16" DIA. ITW ADVANCE THREADFORM TAPCONS WITH 1-1/2" MINIMUM EMBEDMENT AND 2-1/4" MINIMUM EDGE DISTANCE.
 - 2.2. ATTACHMENT MAY BE MADE THROUGH 1X OR 2X WOOD BUCKS OR DIRECTLY INTO CONCRETE.
3. TO 2X WOOD BUCK OR 2X WOOD FRAME HOST SUBSTRATE
 - 3.1. #10 WOOD SCREWS OF #10 TAPPING SCREWS (SMS OR SDS) WITH 1-1/2" MINIMUM EMBEDMENT AND 3/4" MINIMUM EDGE DISTANCE.
4. TO 1/8" THICK MINIMUM 6063-T5 ALUMINIUM OR STEEL SUBSTRATE (Ftu = Fty = 22 KSI MINIMUM)
 - 4.1. #10 316 STAINLESS STEEL SHEET METAL SCREW (SMS) OR SELF DRILLING SCREW (SDS) WITH FULL THREAD PENETRATION THROUGH HOST SUBSTRATE AND 1/2" MINIMUM EDGE DISTANCE.

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5	'GOAL-POST' CLIP INSTALLATION DETAILS
6 & 7	MULLION SPAN VS. LOAD WIDTH TABLES

PROJECT # 413-1003

JELD-WEN INC.
 3737 LAKEPORT BOULEVARD
 KLAMATH FALLS, OR 97601

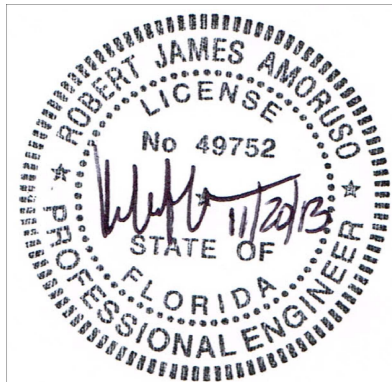
TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ
 GENERAL NOTES, INST. NOTES & ANCHOR SCHEDULE

PREPARED BY: RJA
 DRAWN BY: RJA
 DATE: 11/20/13
 SCALE: NONE
 DRAWING NO.: JELD0108
 SHEET: 1 OF 7



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PROJECT # 413-1003

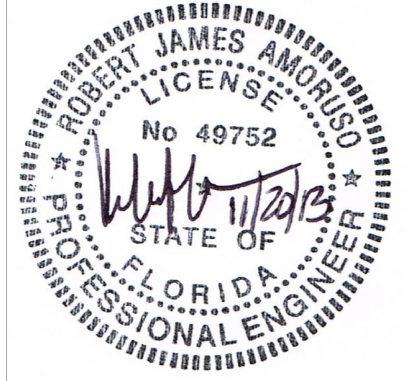
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KLAMATH FALLS, OR 97601

TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ ELEVATIONS

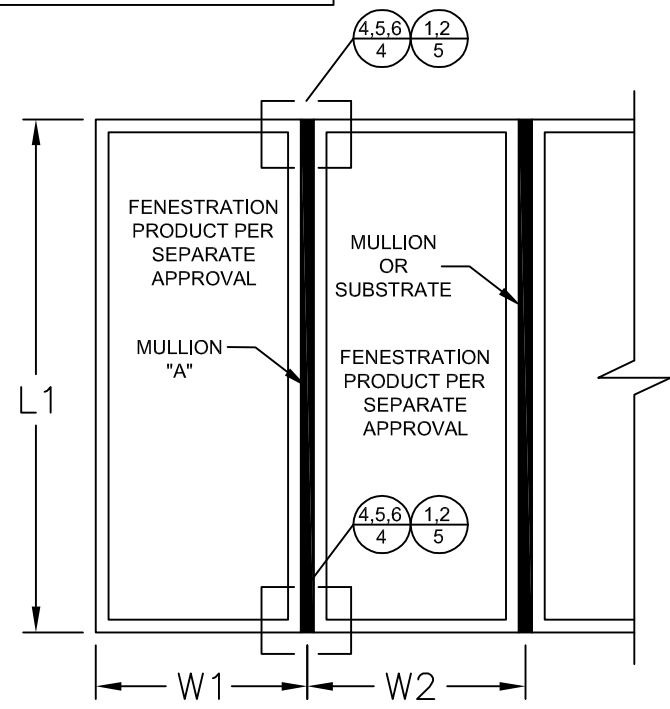
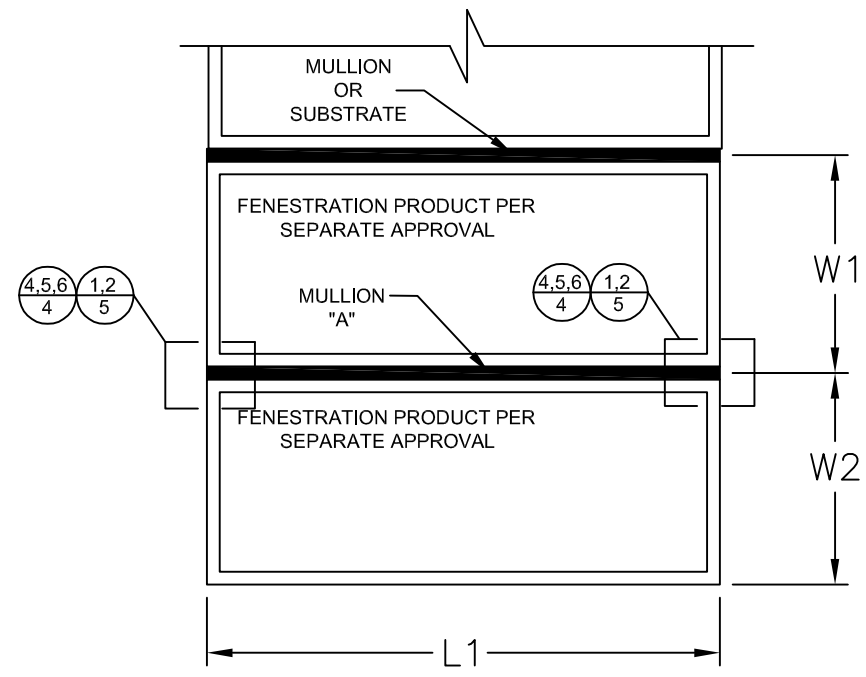
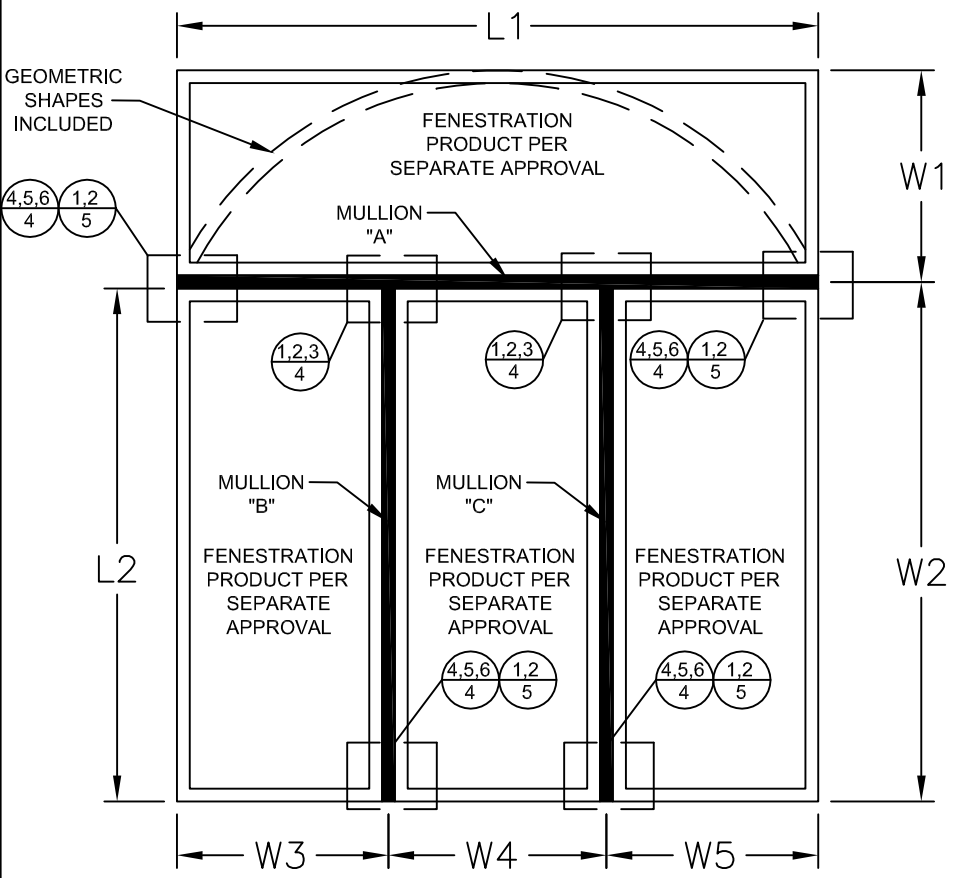
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DATE: 11/20/13
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REV: ---

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NOTE: MULLION DESIGNATIONS (MULLION "A", MULLION "B" AND MULLION "C") PROVIDED IN DETAILS 1/1, 2/1 AND 3/1 ARE PROVIDED ONLY TO ILLUSTRATE THE DETERMINATION OF MULLION SPANS AND TRIBUTARY WIDTHS. ALL MULLIONS SHOWN IN THE REFERENCED DETAILS MAY BE ANY MULLION APPROVED HEREIN.



- NOTES:
1. NUMBER OF FENESTRATION PRODUCTS UNDERNEATH TRANSOM MAY BE UNLIMITED PROVIDED THAT MULLION LIMITATIONS NOTED HEREIN ARE NOT EXCEEDED.
 2. ANCHORAGE OF FENESTRATION PRODUCTS TO MULLIONS SHALL BE PER SEPARATE APPROVAL.
 3. ALLOWABLE DESIGN PRESSURES SHALL BE DETERMINED FROM DESIGN SCHEDULES.
 4. MULLION SPANS AND TRIBUTARY WIDTHS SHALL BE DETERMINED AS FOLLOWS:
 - 4.1. MULLION "A"
 - 4.1.1. MULLION SPAN = L1
 - 4.1.2. TRIBUTARY WIDTH = (W1 + W2)/2
 - 4.2. MULLION "B"
 - 4.2.1. MULLION SPAN = L2
 - 4.2.2. TRIBUTARY WIDTH = (W3 + W4)/2
 - 4.3. MULLION "C"
 - 4.3.1. MULLION SPAN = L3
 - 4.3.2. TRIBUTARY WIDTH = (W4 + W5)/2

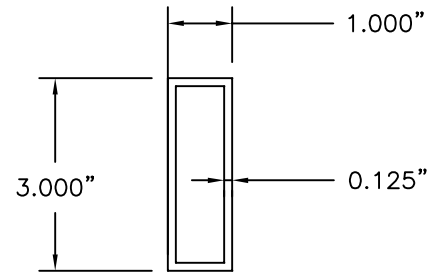
- NOTES:
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 2. ANCHORAGE OF FENESTRATION PRODUCTS TO MULLIONS SHALL BE PER SEPARATE APPROVAL.
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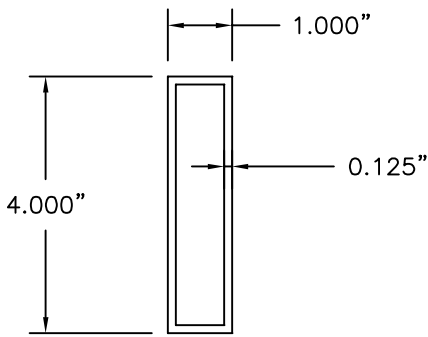
1
1
MULLED FENESTRATION PRODUCTS WITH TRANSOM
EXTERIOR ELEVATION SHOWN

2
1
FENESTRATION PRODUCTS MULLED VERTICALLY
EXTERIOR ELEVATION SHOWN

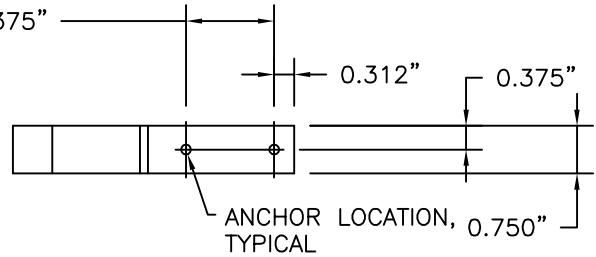
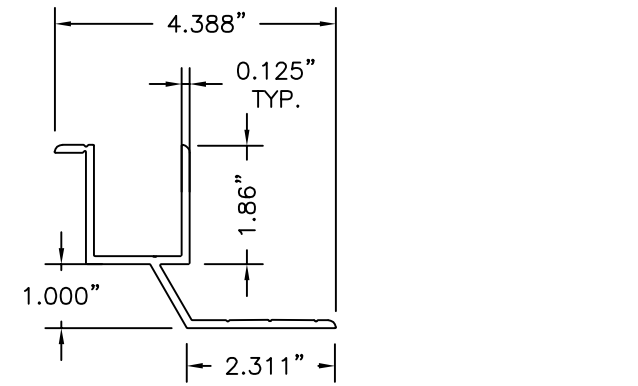
3
1
FENESTRATION PRODUCTS MULLED HORIZONTALLY
EXTERIOR ELEVATION SHOWN



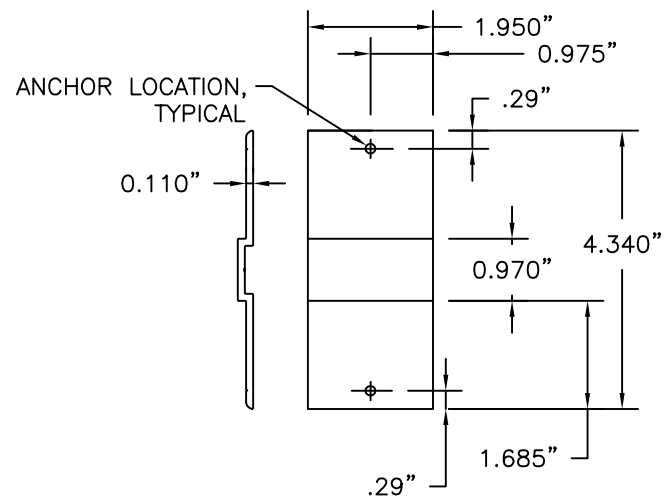
1 1" X 3" MULLION
6063-T6 ALUM.



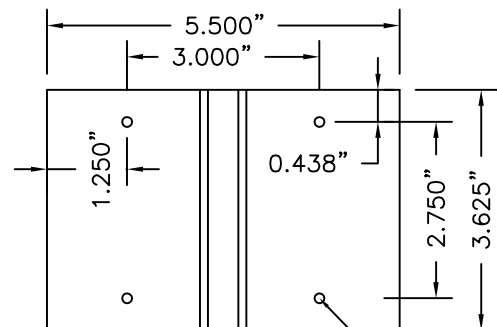
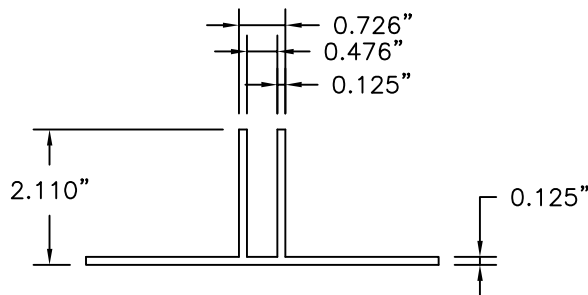
2 1" X 4" MULLION
6063-T6 ALUM.



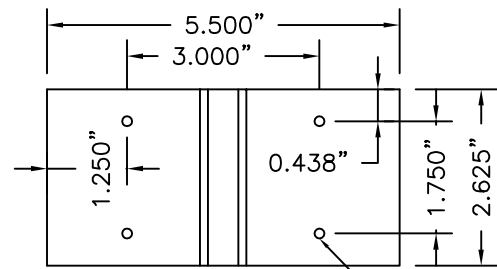
3 'GOAL-POST' CLIP
6063-T6 ALUM.



4 'GOAL-POST' CLIP PLATE
6063-T6 ALUM.

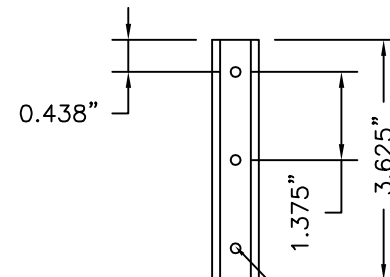
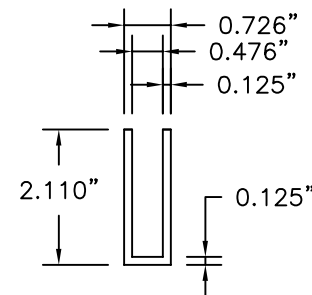


FOR USE WITH 1" X 4" MULLION

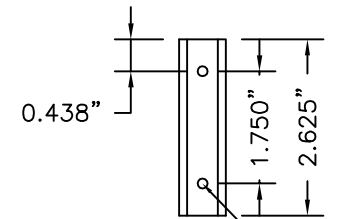


FOR USE WITH 1" X 3" MULLION

5 T-CLIP
6063-T6 ALUM.



FOR USE WITH 1" X 4" MULLION



FOR USE WITH 1" X 3" MULLION

6 C-CLIP
6063-T6 ALUM.

PROJECT # 413-1003

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3737 LAKEPORT BOULEVARD
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TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ COMPONENTS

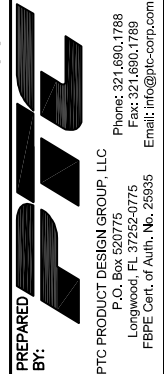
PREPARED BY: RJA

DATE: 11/20/13

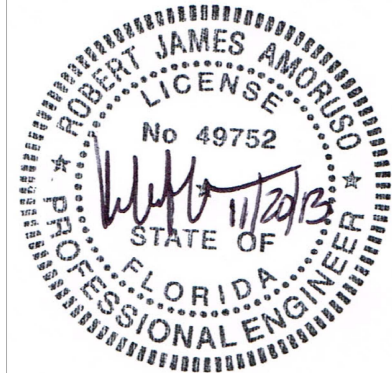
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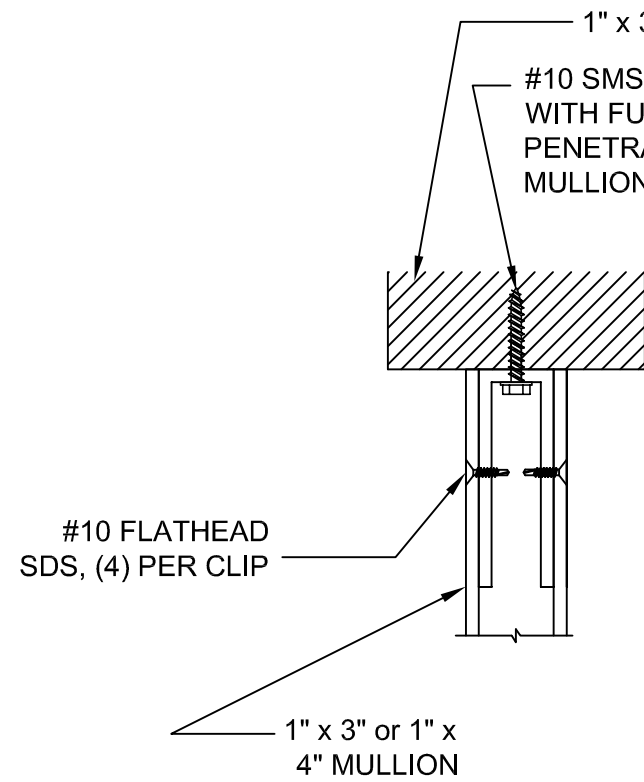
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SHEET: 3 OF 7

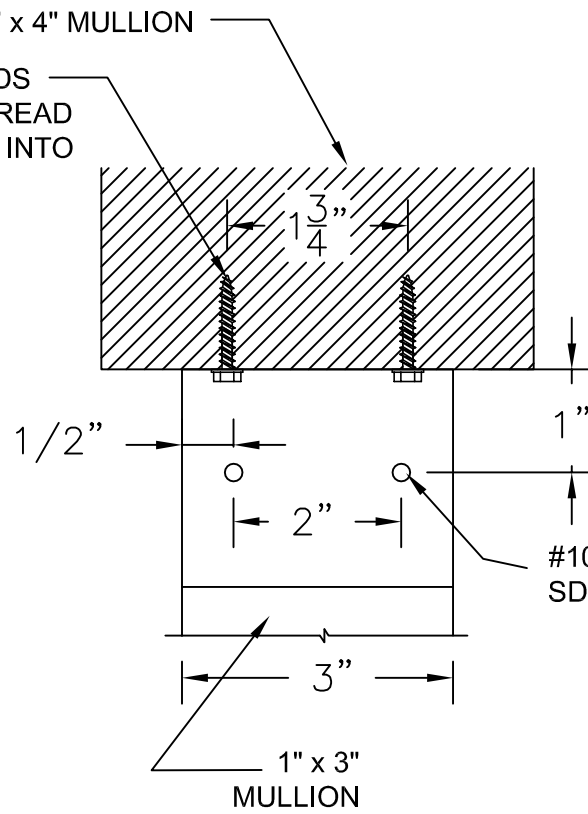


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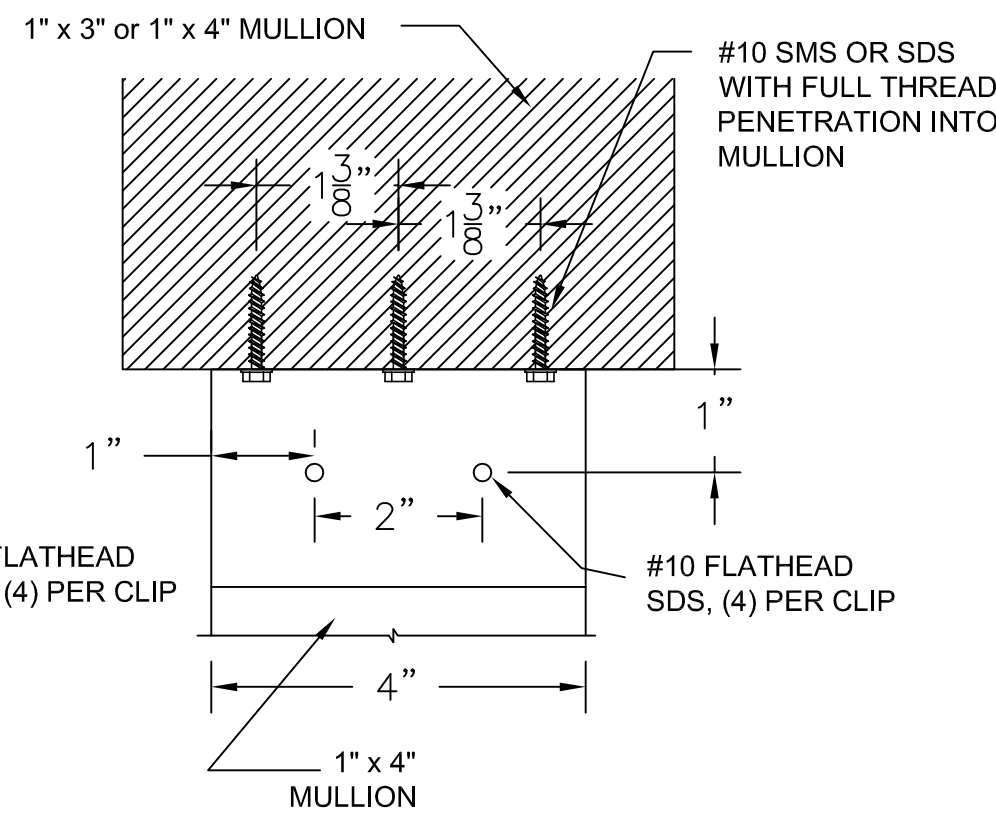




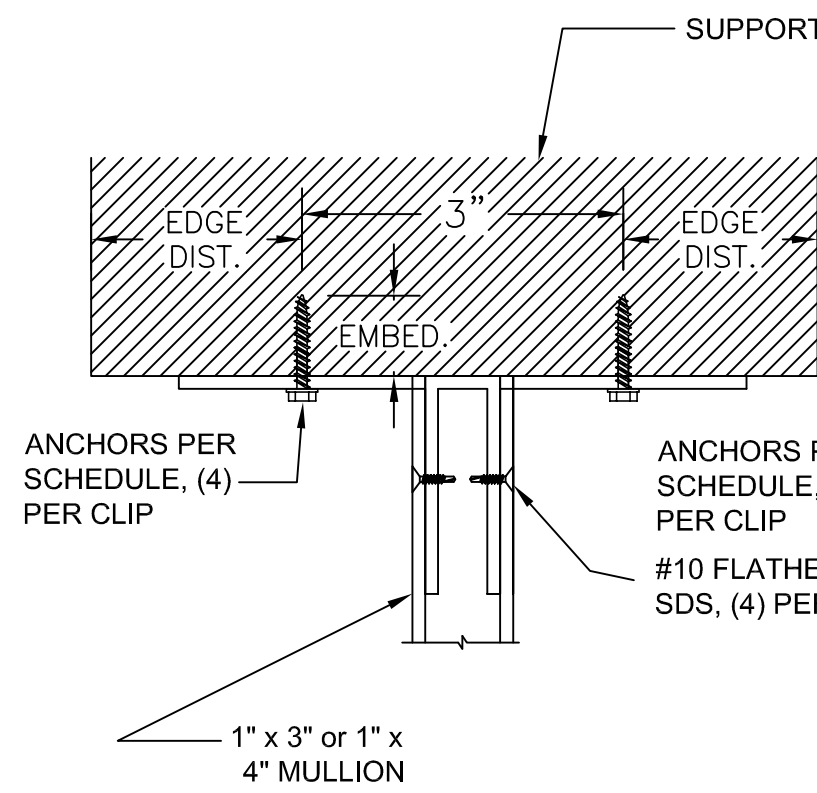
1 TYPICAL ATTACHMENT AT
4 MULLION INTERSECTION W/C-CLIP
4 VERTICAL SECTION



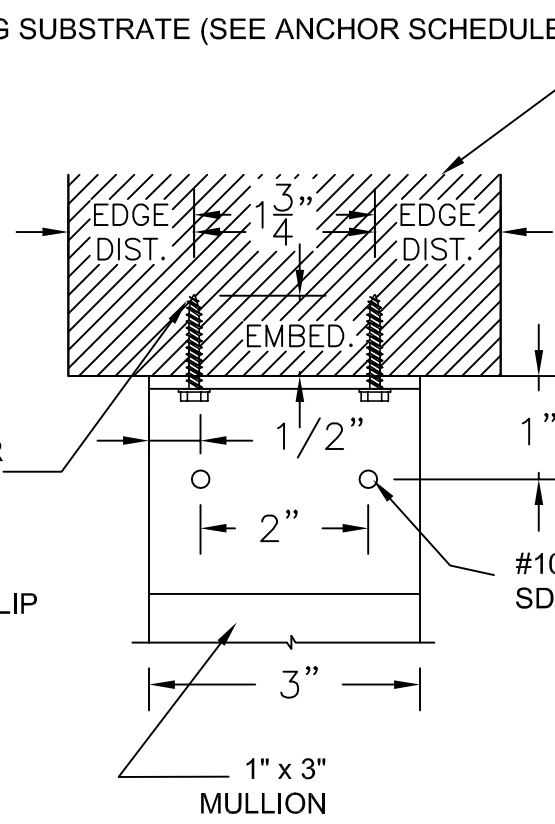
2 1" X 3" MULLION ATTACHMENT AT
4 MULLION INTERSECTION W/C-CLIP
4 SIDE ELEVATION



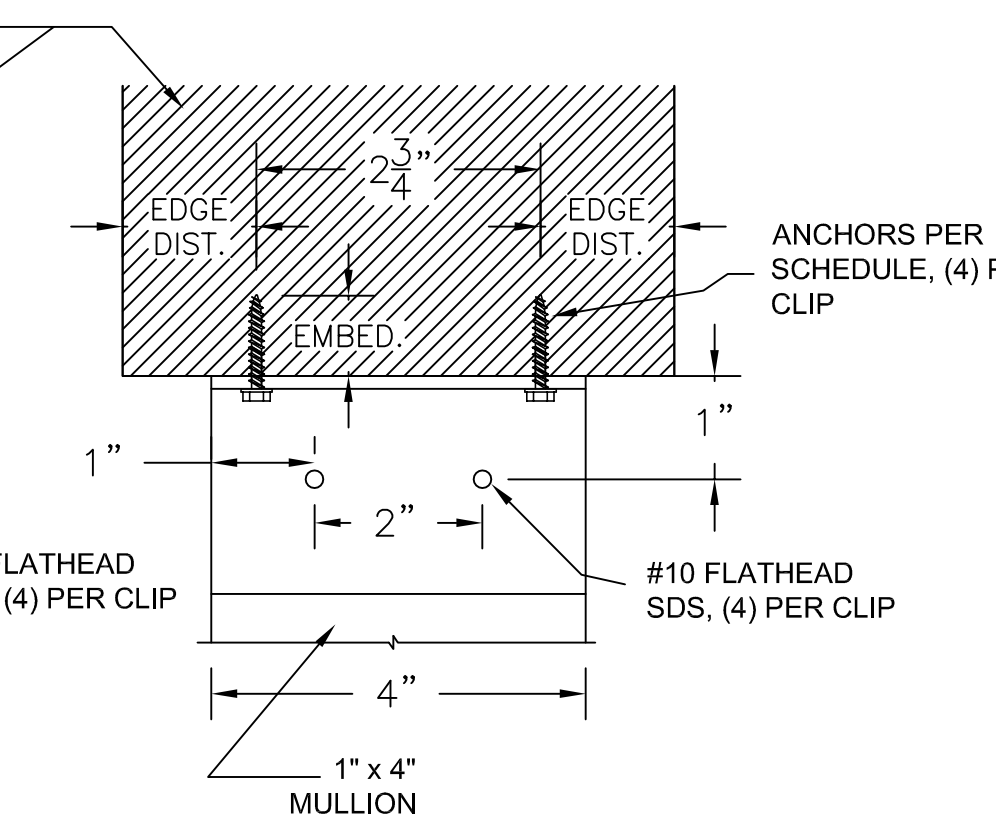
3 1" X 4" MULLION ATTACHMENT AT
4 MULLION INTERSECTION W/C-CLIP
4 SIDE ELEVATION



4 TYPICAL ATTACHMENT
4 WITH T-CLIP
4 VERTICAL SECTION



5 1" X 3" MULLION ATTACHMENT WITH T-CLIP
4 SIDE ELEVATION



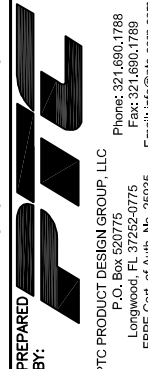
6 1" X 4" MULLION ATTACHMENT WITH T-CLIP
4 SIDE ELEVATION

PROJECT # 413-1003

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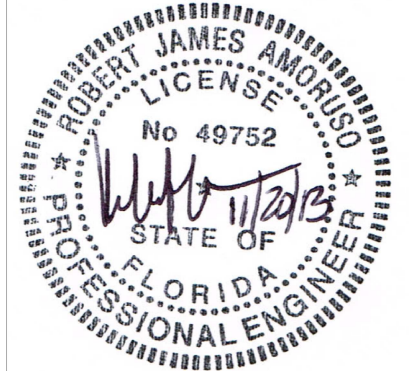
TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ
C-CLIP AND T-CLIP INSTALLATION DETAILS

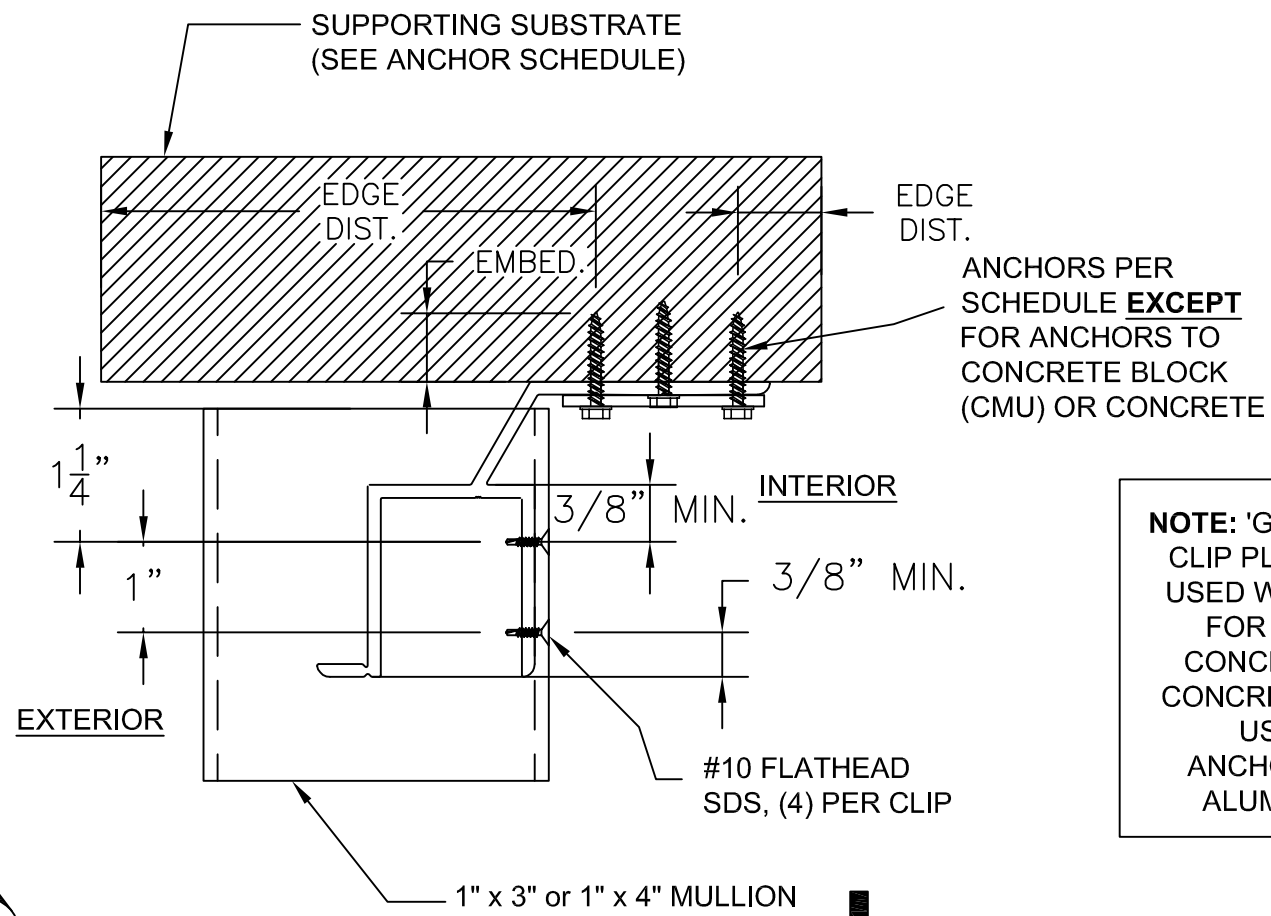
PREPARED BY: RJA
DATE: 11/20/13
DRAWING NO: JELD0108
SCALE: NONE
SHEET: 4 OF 7



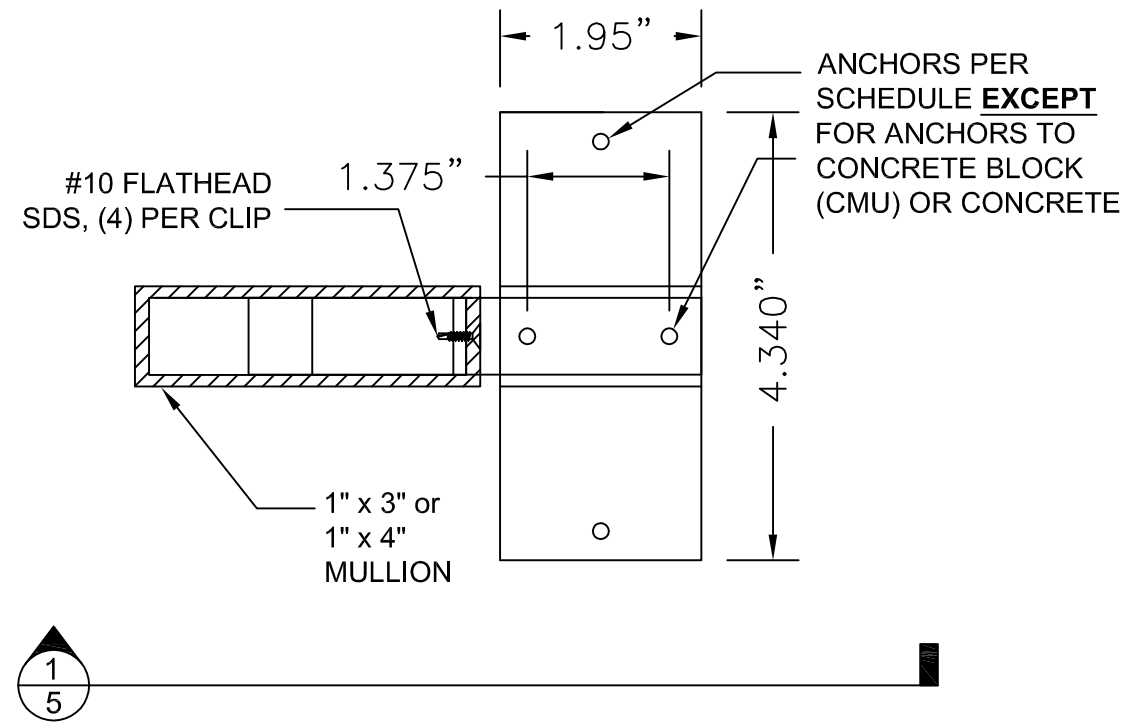
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NOTE: 'GOAL-POST' CLIP AND CLIP PLATE SHALL **NOT** BE USED WITH 3/16" TAPCONS FOR ANCHORAGE TO CONCRETE OR HOLLOW CONCRETE BLOCK. MAY BE USED ONLY FOR ANCHORAGE TO WOOD, ALUMINUM OR STEEL.



2
5

TYPICAL ATTACHMENT WITH
'GOAL-POST' CLIP
SIDE ELEVATION

1
5

TYPICAL ATTACHMENT WITH
'GOAL-POST' CLIP
SECTION

PROJECT # 413-1003

JELD-WEN INC.
3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OR 97601

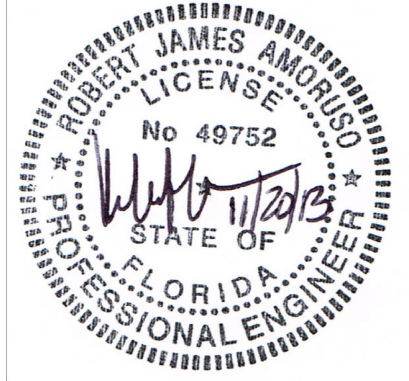
TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ
'GOAL-POST' CLIP INSTALLATION DETAILS

PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC

DATE: 11/20/13
DRAWING NO: JELD0108
SHEET: 5 OF 7

REVISIONS: REV: ---
DESCRIPTION: ---
DATE: ---
BY: ---


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DESIGN SCHEDULE: 1"x3" MULLION WITH 'GOAL-POST' CLIP

MULLION SPAN	TRIBUTARY WIDTH											
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	53"
106"	27.5	23.6	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	
100"	32.8	28.1	24.6	21.8	19.7	17.9	16.4	15.1	14.0	13.1	12.3	11.1
96"	37.0	31.7	27.8	24.7	22.2	20.2	18.5	17.1	15.9	14.8	13.9	12.6
90"	44.9	38.5	33.7	30.0	27.0	24.5	22.5	20.7	19.3	18.0	16.9	15.3
86"	51.5	44.1	38.6	34.3	30.9	28.1	25.8	23.8	22.1	20.6	19.3	17.5
84"	55.3	47.4	41.5	36.8	33.2	30.1	27.6	25.5	23.7	22.1	20.7	18.8
80"	64.0	54.8	48.0	42.7	38.4	34.9	32.0	29.5	27.4	25.6	24.0	21.7
78"	66.0	56.6	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	22.4
76"	67.8	58.1	50.8	45.2	40.7	37.0	33.9	31.3	29.0	27.1	25.4	23.0
72"	71.5	61.3	53.7	47.7	42.9	39.0	35.8	33.0	30.7	28.6	26.8	24.3
66"	75.0	66.9	58.5	52.0	46.8	42.6	39.0	36.0	33.4	31.2	29.3	26.5
60"	75.0	73.6	64.4	57.2	51.5	46.8	42.9	39.6	36.8	34.3	32.2	29.2
54"	75.0	75.0	71.5	63.6	57.2	52.0	47.7	44.0	40.9	38.2	35.8	32.4
50.6"	75.0	75.0	75.0	67.9	61.1	55.5	50.9	47.0	43.6	40.7	38.2	34.6
48"	75.0	75.0	75.0	71.5	64.4	58.5	53.7	49.5	46.0	42.9	40.2	36.4
42"	75.0	75.0	75.0	75.0	73.6	66.9	61.3	56.6	52.6	49.1	46.0	41.8
38.4"	75.0	75.0	75.0	75.0	75.0	73.2	67.1	61.9	57.5	53.7	50.3	45.6
36"	75.0	75.0	75.0	75.0	75.0	75.0	71.5	66.0	61.3	57.2	53.7	48.6
30"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.6	68.7	64.4	58.3
24"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.9

DESIGN SCHEDULE NOTES:

- DESIGN SCHEDULES PROVIDE MAXIMUM ALLOWABLE POSITIVE (+) AND NEGATIVE (-) DESIGN PRESSURES FOR USE WITH MULLION SYSTEM IN POUNDS PER SQUARE FOOT (PSF).
- FOR DETERMINATION OF MULLION SPANS AND TRIBUTARY WIDTHS, SEE ELEVATIONS ON SHEET 2.
- FOR INSTALLATIONS UTILIZING MORE THAN ONE TYPE OF CLIP PER MULLION, USE THE LESSER ALLOWABLE DESIGN PRESSURE.
- 'GOAL-POST' CLIP MAY NOT BE USED FOR INSTALLATIONS TO CONCRETE OR CONCRETE BLOCK (CMU).
-  DENOTES CONDITIONS NOT ACCEPTABLE FOR USE.

DESIGN SCHEDULE: 1"x3" MULLION WITH 'T-CLIP' OR 'C-CLIP'

MULLION SPAN	TRIBUTARY WIDTH											
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	53"
106"	27.5	23.6	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	
100"	32.8	28.1	24.6	21.8	19.7	17.9	16.4	15.1	14.0	13.1	12.3	11.1
96"	37.0	31.7	27.8	24.7	22.2	20.2	18.5	17.1	15.9	14.8	13.9	12.6
90"	44.9	38.5	33.7	30.0	27.0	24.5	22.5	20.7	19.3	18.0	16.9	15.3
86"	51.5	44.1	38.6	34.3	30.9	28.1	25.8	23.8	22.1	20.6	19.3	17.5
84"	55.3	47.4	41.5	36.8	33.2	30.1	27.6	25.5	23.7	22.1	20.7	18.8
80"	64.0	54.8	48.0	42.7	38.4	34.9	32.0	29.5	27.4	25.6	24.0	21.7
78"	69.0	59.2	51.8	46.0	41.4	37.7	34.5	31.9	29.6	27.6	25.9	23.4
76"	74.6	64.0	56.0	49.7	44.8	40.7	37.3	34.4	32.0	29.8	28.0	25.3
72"	75.0	75.0	65.8	58.5	52.7	47.9	43.9	40.5	37.6	35.1	32.9	29.8
66"	75.0	75.0	75.0	75.0	68.4	62.1	57.0	52.6	48.8	45.6	42.7	38.7
60"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.0	65.0	60.7	56.9	51.5
54"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.6	68.1	61.7
50.6"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.7	65.8
48"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	69.4
42"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
38.4"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
24"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

PROJECT # 413-1003

JELD-WEN INC.
3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OR 97601

TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ
MULLION SPAN VS. LOAD WIDTH TABLES

DATE: 11/20/13

DRAWING NO: JELD0108

SHEET: 6 OF 7

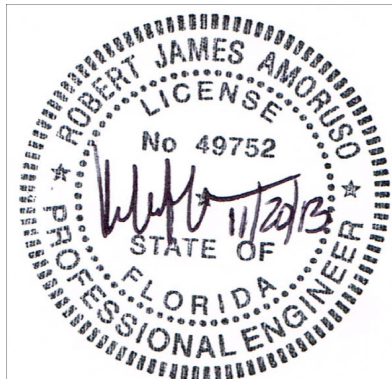
DRAWN BY: RJA

SCALE: NONE

REV: -

PTC PRODUCT DESIGN GROUP, LLC
P.O. Box 520775
Longwood, FL 32752-2775
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptcpcorp.com


Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DESIGN SCHEDULE: 1"x4" MULLION WITH 'GOAL-POST' CLIP

MULLION SPAN	TRIBUTARY WIDTH											
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	53"
106"	48.6	41.6	36.4	32.4	29.2	26.5	24.3	22.4	20.8	19.4	18.2	16.5
100"	51.5	44.1	38.6	34.3	30.9	28.1	25.8	23.8	22.1	20.6	19.3	17.5
96"	53.7	46.0	40.2	35.8	32.2	29.3	26.8	24.8	23.0	21.5	20.1	18.2
90"	57.2	49.1	42.9	38.2	34.3	31.2	28.6	26.4	24.5	22.9	21.5	19.4
86"	59.9	51.3	44.9	39.9	35.9	32.7	29.9	27.6	25.7	24.0	22.5	20.3
84"	61.3	52.6	46.0	40.9	36.8	33.4	30.7	28.3	26.3	24.5	23.0	20.8
80"	64.4	55.2	48.3	42.9	38.6	35.1	32.2	29.7	27.6	25.8	24.1	21.9
78"	66.0	56.6	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	22.4
76"	67.8	58.1	50.8	45.2	40.7	37.0	33.9	31.3	29.0	27.1	25.4	23.0
72"	71.5	61.3	53.7	47.7	42.9	39.0	35.8	33.0	30.7	28.6	26.8	24.3
66"	75.0	66.9	58.5	52.0	46.8	42.6	39.0	36.0	33.4	31.2	29.3	26.5
60"	75.0	73.6	64.4	57.2	51.5	46.8	42.9	39.6	36.8	34.3	32.2	29.2
54"	75.0	75.0	71.5	63.6	57.2	52.0	47.7	44.0	40.9	38.2	35.8	32.4
50.6"	75.0	75.0	75.0	67.9	61.1	55.5	50.9	47.0	43.6	40.7	38.2	34.6
48"	75.0	75.0	75.0	71.5	64.4	58.5	53.7	49.5	46.0	42.9	40.2	36.4
42"	75.0	75.0	75.0	75.0	73.6	66.9	61.3	56.6	52.6	49.1	46.0	41.6
38.4"	75.0	75.0	75.0	75.0	75.0	73.2	67.1	61.9	57.5	53.7	50.3	45.6
36"	75.0	75.0	75.0	75.0	75.0	75.0	71.5	66.0	61.3	57.2	53.7	48.6
30"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.6	68.7	64.4	58.3
24"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.9

DESIGN SCHEDULE NOTES:

- DESIGN SCHEDULES PROVIDE MAXIMUM ALLOWABLE POSITIVE (+) AND NEGATIVE (-) DESIGN PRESSURES FOR USE WITH MULLION SYSTEM IN POUNDS PER SQUARE FOOT (PSF).
- FOR DETERMINATION OF MULLION SPANS AND TRIBUTARY WIDTHS, SEE ELEVATIONS ON SHEET 2.
- FOR INSTALLATIONS UTILIZING MORE THAN ONE TYPE OF CLIP PER MULLION, USE THE LESSER ALLOWABLE DESIGN PRESSURE.
- 'GOAL-POST' CLIP MAY NOT BE USED FOR INSTALLATIONS TO CONCRETE OR CONCRETE BLOCK (CMU).
-  DENOTES CONDITIONS NOT ACCEPTABLE FOR USE.

DESIGN SCHEDULE: 1"x4" MULLION WITH 'T-CLIP' OR 'C-CLIP'

MULLION SPAN	TRIBUTARY WIDTH											
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	53"
106"	59.0	50.5	44.2	39.3	35.4	32.2	29.5	27.2	25.3	23.6	22.1	20.0
100"	70.2	60.2	52.7	46.8	42.1	38.3	35.1	32.4	30.1	28.1	26.3	23.9
96"	75.0	68.0	59.5	52.9	47.6	43.3	39.7	36.6	34.0	31.8	29.8	27.0
90"	75.0	75.0	72.3	64.2	57.8	52.6	48.2	44.5	41.3	38.5	36.1	32.7
86"	75.0	75.0	75.0	73.6	66.3	60.2	55.2	51.0	47.3	44.2	41.4	37.5
84"	75.0	75.0	75.0	75.0	71.1	64.6	59.3	54.7	50.8	47.4	44.4	40.2
80"	75.0	75.0	75.0	75.0	75.0	74.8	68.6	63.3	58.8	54.9	51.4	46.6
78"	75.0	75.0	75.0	75.0	75.0	75.0	73.7	68.0	63.2	59.0	55.3	50.1
76"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	71.9	66.7	62.3	58.4	52.9
72"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	74.5	69.6	65.2	59.1
66"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	71.2	64.4
60"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.9
54"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
50.6"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
48"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
42"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
38.4"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
24"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

PROJECT # 413-1003

JELD-WEN INC.
3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OR 97601

TITLE: CLIPPED ALUMINUM TUBE MULLION - LMI/SMI - HVHZ
MULLION SPAN VS. LOAD WIDTH TABLES

DATE: 11/20/13

DRAWING NO: JELD0108

SHEET: 7 OF 7

DRAWN BY: RJA

SCALE: NONE

REV: -



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