

STRUCTURAL STEEL MULLION



1" x 3" x 1/8" STEEL MULLION

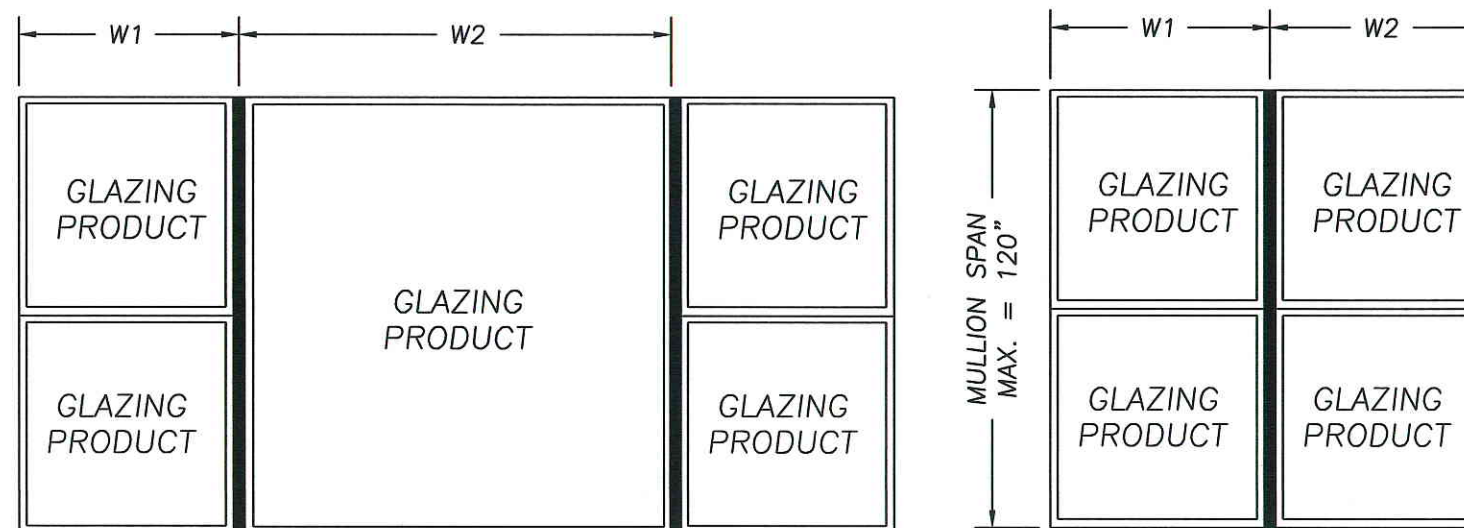
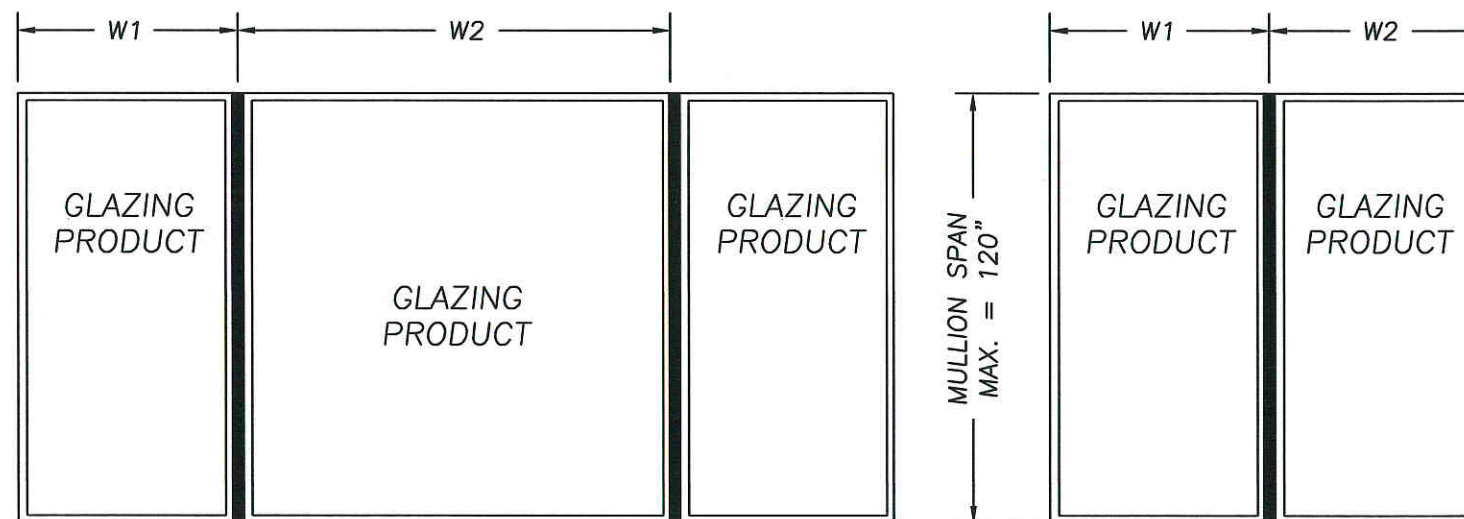
GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE AND BE REVIEWED BY THE BUILDING OFFICIAL.
3. MULLION ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. SEPARATE PRODUCT APPROVALS FOR EACH GLAZING PRODUCT USED WITH THESE MULLIONS MUST BE SUBMITTED ALONG WITH THIS MULLION PRODUCT APPROVAL.
5. ANCHORING OF EACH GLAZING PRODUCT TO THE MULLION SHALL BE AS SHOWN IN EACH INDIVIDUAL GLAZING PRODUCT APPROVAL.
6. SITE CONDITIONS NOT COVERED IN THIS EVALUATION ARE SUBJECT TO SEPARATE ENGINEERING EVALUATION.
7. MULLION DESIGN PRESSURE RATING, SEE LOAD RATING TABLES OF THIS DRAWING.
8. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE THE LESSER OF THE LOAD CAPACITY OF THE MULLION AS DETERMINED USING THIS APPROVAL OR THE DESIGN PRESSURE RATING OF THE INDIVIDUAL GLAZING PRODUCTS USED.
9. BOUNDING BOX DIMENSIONS FOR GEOMETRIC SHAPES MUST BE EQUAL TO OR LESS THAN THE RECTANGULAR DIMENSIONS SHOWN HEREIN.
10. IN AREAS REQUIRING WIND BORNE DEBRIS PROTECTION, WIND ZONE 4 AS DEFINED IN ASTM E1996 IS EXCLUDED UNLESS THE ASSEMBLY IS PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECITON 1609.1.2 OF THE FBC.

SUPPORTING DOCUMENTS & EVIDENCE

1. THIS PRODUCT HAS BEEN ENGINEERED FOLLOWING ACCEPTED ENGINEERING PRACTICE CONFORMING TO THE REQUIREMENTS OF SECTION 1714.5.5 OF THE FLORIDA BUILDING CODE 2007 EDITION.

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TYPICAL MULLION CONFIGURATIONS

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell W. Haney 9-9-08
 Wendell W. Haney, P.E. No. 54158

PRODUCT:

STRUCTURAL MULLION

PART OR ASSEMBLY:

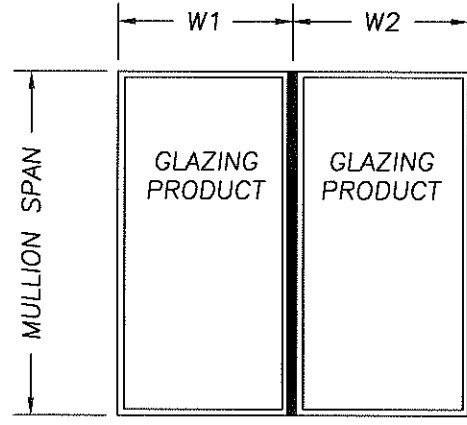
TYPICAL ELEVATIONS & GENERAL NOTES

NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	

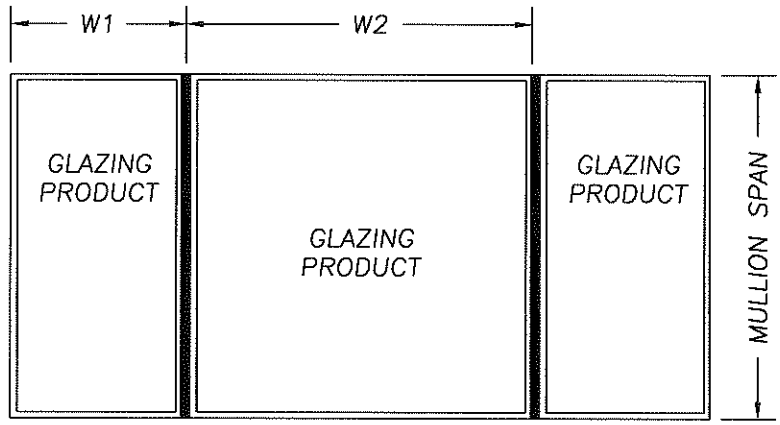
REVISIONS

DATE: 12/04/07
 SCALE: NTS
 DWG. BY: EW
 CHK. BY: WWH
 DRAWING NO.: FL-8566.3
 SHEET 1 OF 7

R:\A - Projects\Project Folders\Proj 1301-1400\PF 1324\D. RWBC Drawings\FL-8566.3\FL-8566.3-2.dwg, Model



$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$



1" x 3" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP F2

CONCRETE SCREW	TRIBUTARY WIDTH													
	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"	
MULLION SPAN 120.0"	40.13	34.73	32.46	30.43	28.64	27.05	25.63	24.35	23.19	22.13	21.17	20.29	19.48	
MULLION SPAN 116.0"	43.42	37.22	34.74	32.57	30.65	28.95	27.43	26.05	24.81	23.69	22.66	21.71	20.84	
MULLION SPAN 112.0"	46.58	39.93	37.27	34.94	32.88	31.05	29.42	27.95	26.62	25.41	24.30	23.29	22.36	
MULLION SPAN 108.0"	50.10	42.94	40.08	37.57	35.36	33.40	31.64	30.06	28.63	27.33	26.14	25.05	24.05	
MULLION SPAN 104.0"	54.02	46.31	43.22	40.52	38.13	36.02	34.12	32.41	30.87	29.47	28.19	27.01	25.93	
MULLION SPAN 100.0"	58.43	50.08	46.75	43.82	41.25	38.95	36.90	35.06	33.39	31.87	30.49	29.22	28.05	
MULLION SPAN 96.0"	63.40	54.35	50.72	47.55	44.75	42.27	40.04	38.04	36.23	34.58	33.08	31.70	30.43	
MULLION SPAN 92.0"	69.04	59.17	55.23	51.78	48.73	46.02	43.60	41.42	39.45	37.66	36.02	34.52	33.14	
MULLION SPAN 88.0"	75.45	64.68	60.36	56.59	53.26	50.30	47.66	45.27	43.12	41.16	39.37	37.73	36.22	
MULLION SPAN 84.0"	82.81	70.98	66.25	62.11	58.46	55.21	52.30	49.69	47.32	45.17	43.21	41.41	39.75	
MULLION SPAN 80.0"	91.30	78.26	73.04	68.48	64.45	60.87	57.66	54.78	52.17	49.80	47.63	45.65	43.82	
MULLION SPAN 76.0"	99.00	86.71	80.93	75.87	71.41	67.44	63.89	60.70	57.81	55.18	52.78	50.58	48.56	
MULLION SPAN 72.0"	105.60	93.64	88.93	84.54	79.56	75.14	71.19	67.63	64.41	61.48	58.81	56.36	54.10	
MULLION SPAN 68.0"	113.14	100.57	95.64	91.38	87.70	84.24	79.81	75.82	72.21	68.93	65.93	63.18	60.66	
MULLION SPAN 64.0"	121.85	108.62	103.44	99.00	95.04	91.38	88.00	84.86	81.52	77.81	74.43	71.33	68.48	
MULLION SPAN 60.0"	132.00	118.06	112.64	107.85	103.44	99.39	95.64	92.16	88.93	85.91	83.10	80.46	77.91	
MULLION SPAN 56.0"	144.00	129.31	123.43	118.06	113.14	108.62	104.44	100.57	96.98	93.64	90.51	87.59	84.86	
MULLION SPAN 52.0"	150.00	142.65	136.01	129.97	124.44	119.36	114.68	110.35	106.34	102.61	99.13	95.88	92.84	
MULLION SPAN 48.0"	150.00	150.00	150.00	144.00	137.74	132.00	126.72	121.85	117.33	113.14	109.24	105.60	102.19	
MULLION SPAN 44.0"	150.00	150.00	150.00	150.00	150.00	147.06	141.06	135.53	130.42	125.67	121.26	117.15	113.31	
MULLION SPAN 40.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	146.22	140.80	135.77	131.09	126.72	
MULLION SPAN 36.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	148.21	143.19	
MULLION SPAN 32.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
MULLION SPAN 28.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
MULLION SPAN 24.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
MULLION SPAN 20.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	

INSTRUCTIONS FOR USE OF THE MULLION LOAD TABLE:

1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE THE MULLION SPAN. IN THE FIRST ROW OF THE TABLE, LOCATE THE TRIBUTARY WIDTH. AT THE INTERSECTION OF THE ROW CONTAINING THE MULLION SPAN AND THE COLUMN CONTAINING THE TRIBUTARY WIDTH, READ THE MULLION LOAD RATING GIVEN IN PSF. THE MULLION LOAD RATING MUST BE EQUAL TO OR GREATER THAN THE DESIGN LOAD REQUIREMENT DETERMINED IN STEP 1 ABOVE.

Documents Prepared By: **RW BUILDING CONSULTANTS, INC.**
P.O. Box 230 Vairico FL. 33595
Phone No.: 813.659.9197

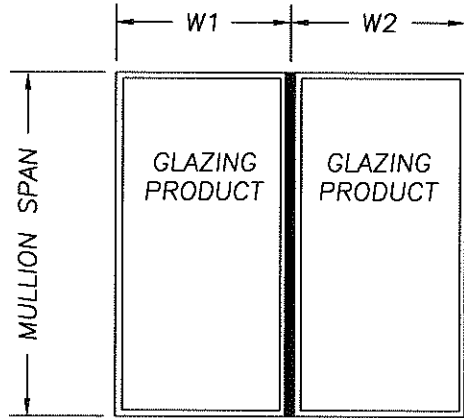
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Honey, P.E. No. 54158

DATE: 12/04/07
SCALE: NTS
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-8566.3
SHEET 2 OF 7

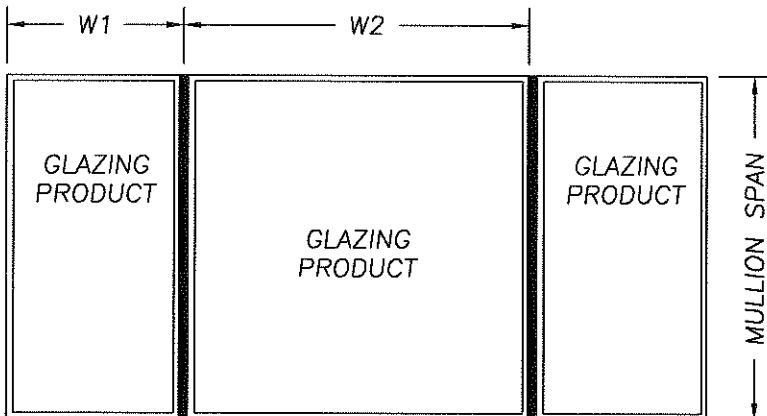
PRODUCT: STRUCTURAL MULLION
PART OR ASSEMBLY: MULLION LOAD TABLE FOR TAPCON SCREW ANCHORS

NO. 1 DATE 9-9-08 Rev. to 2007 FBC
BY WH

REVISIONS



$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$



1" x 3" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP F2

WOOD SCREW	TRIBUTARY WIDTH													
	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"	
MULLION SPAN 120.0"	40.13	34.73	32.46	30.43	28.64	27.05	25.63	24.35	23.19	22.13	21.17	20.29	19.48	
116.0"	43.42	37.22	34.74	32.57	30.65	28.95	27.43	26.05	24.81	23.69	22.66	21.71	20.84	
112.0"	46.58	39.93	37.27	34.94	32.88	31.05	29.42	27.95	26.62	25.41	24.30	23.29	22.36	
108.0"	50.10	42.94	40.08	37.57	35.36	33.40	31.64	30.06	28.63	27.33	26.14	25.05	24.05	
104.0"	54.02	46.31	43.22	40.52	38.13	36.02	34.12	32.41	30.87	29.47	28.19	27.01	25.93	
100.0"	58.43	50.08	46.75	43.82	41.25	38.95	36.90	35.06	33.39	31.87	30.49	29.22	28.05	
96.0"	63.40	54.35	50.72	47.55	44.75	42.27	40.04	38.04	36.23	34.58	33.08	31.70	30.43	
92.0"	69.04	59.17	55.23	51.78	48.73	46.02	43.60	41.42	39.45	37.66	36.02	34.52	33.14	
88.0"	75.45	64.68	60.36	56.59	53.26	50.30	47.66	45.27	43.12	41.16	39.37	37.73	36.22	
84.0"	82.81	70.98	66.25	62.11	58.46	55.21	52.30	49.69	47.32	45.17	43.21	41.41	39.75	
80.0"	91.30	78.26	73.04	68.48	64.45	60.87	57.66	54.78	52.17	49.80	47.63	45.65	43.82	
76.0"	101.16	86.71	80.93	75.87	71.41	67.44	63.89	60.70	57.81	55.18	52.78	50.58	48.56	
72.0"	112.72	96.61	90.17	84.54	79.56	75.14	71.19	67.63	64.41	61.48	58.81	56.36	54.10	
68.0"	126.37	108.31	101.09	94.78	89.20	84.24	79.81	75.82	72.21	68.93	65.93	63.18	60.66	
64.0"	142.66	122.28	114.13	106.99	100.70	95.10	90.10	85.59	81.52	77.81	74.43	71.33	68.48	
60.0"	150.00	139.12	129.85	121.73	114.57	108.21	102.51	97.39	92.75	88.53	84.68	81.16	77.91	
56.0"	150.00	150.00	149.06	139.74	131.52	124.22	117.68	111.80	106.47	101.63	97.21	93.16	89.44	
52.0"	150.00	150.00	150.00	150.00	150.00	144.06	136.48	129.66	123.48	117.87	112.75	108.05	103.73	
48.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	144.92	138.33	132.32	126.81	
44.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	144.87	
40.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
36.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
32.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
28.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
24.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
20.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	

INSTRUCTIONS FOR USE OF THE MULLION LOAD TABLE:

1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE THE MULLION SPAN. IN THE FIRST ROW OF THE TABLE, LOCATE THE TRIBUTARY WIDTH. AT THE INTERSECTION OF THE ROW CONTAINING THE MULLION SPAN AND THE COLUMN CONTAINING THE TRIBUTARY WIDTH, READ THE MULLION LOAD RATING GIVEN IN PSF. THE MULLION LOAD RATING MUST BE EQUAL TO OR GREATER THAN THE DESIGN LOAD REQUIREMENT DETERMINED IN STEP 1 ABOVE.

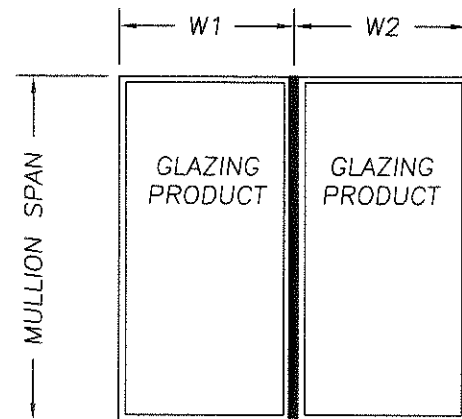
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
 Wendell W. Haney, P.E. No. 54158

PRODUCT:	STRUCTURAL MULLION
PART OR ASSEMBLY:	MULLION LOAD TABLE FOR WOOD SCREW ANCHORS
DATE:	12/04/07
SCALE:	NTS
DWG. BY:	EW
CHK. BY:	WWH
DRAWING NO.:	FL-8566.3
SHEET	3 OF 7

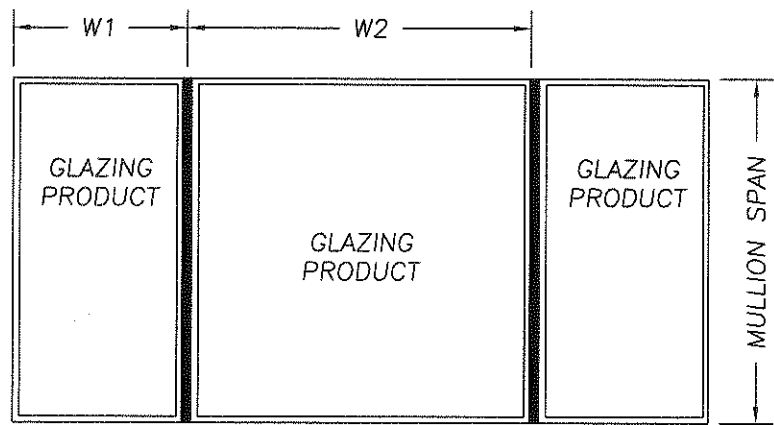
NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	

REVISIONS

K:\A - Projects\Project Folders\PTG 1301-1400\PT 1324\U. RWBC Drawings\FL-8566 R1\FL-8566.3\FL-8566.3-4.dwg, Model



$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$



1" x 3" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP B4

CONCRETE SCREW	TRIBUTARY WIDTH													
	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"	
120.0"	40.13	34.73	32.46	30.43	28.64	27.05	25.63	24.35	23.19	22.13	21.17	20.29	19.48	
116.0"	43.42	37.22	34.74	32.57	30.65	28.95	27.43	26.05	24.81	23.69	22.66	21.71	20.84	
112.0"	45.24	39.57	37.27	34.94	32.88	31.05	29.42	27.95	26.62	25.41	24.30	23.29	22.36	
108.0"	47.13	41.25	38.92	36.88	35.09	33.40	31.64	30.06	28.63	27.33	26.14	25.05	24.05	
104.0"	49.17	43.09	40.67	38.56	36.71	35.07	33.61	32.31	30.87	29.47	28.19	27.01	25.93	
100.0"	51.41	45.09	42.58	40.39	38.47	36.78	35.27	33.93	32.72	31.64	30.49	29.22	28.05	
96.0"	53.86	47.29	44.68	42.41	40.42	38.67	37.11	35.72	34.47	33.35	32.33	31.42	30.43	
92.0"	56.55	49.71	47.00	44.64	42.58	40.76	39.14	37.70	36.41	35.25	34.21	33.24	32.33	
88.0"	59.53	52.40	49.58	47.13	44.98	43.09	41.41	39.92	38.58	37.39	36.29	35.25	34.27	
84.0"	62.83	55.40	52.45	49.90	47.66	45.70	43.96	42.41	41.03	39.77	38.58	37.47	36.41	
80.0"	66.53	58.75	55.68	53.02	50.69	48.65	46.84	45.24	43.78	42.41	41.13	39.92	38.78	
76.0"	70.69	62.54	59.33	56.55	54.13	52.00	50.13	48.43	46.84	45.35	43.96	42.65	41.41	
72.0"	75.40	66.86	63.49	60.59	58.06	55.85	53.86	52.00	50.27	48.65	47.13	45.70	44.35	
68.0"	80.79	71.81	68.29	65.25	62.62	60.25	58.06	56.02	54.13	52.35	50.69	49.13	47.66	
64.0"	87.00	77.55	73.86	70.69	67.86	65.25	62.83	60.59	58.50	56.55	54.73	53.02	51.41	
60.0"	94.25	84.30	80.43	77.00	73.86	70.96	68.29	65.80	63.49	61.34	59.33	57.45	55.68	
56.0"	102.82	92.33	88.13	84.30	80.79	77.55	74.57	71.81	69.24	66.86	64.63	62.54	60.59	
52.0"	113.10	101.85	97.12	92.80	88.85	85.22	81.88	78.79	75.93	73.26	70.78	68.46	66.29	
48.0"	125.67	113.10	107.71	102.82	98.35	94.25	90.48	87.00	83.78	80.79	78.00	75.40	72.97	
44.0"	141.01	126.55	120.37	114.77	109.67	105.01	100.72	96.77	93.12	89.73	86.58	83.65	80.91	
40.0"	150.00	142.86	135.72	129.26	123.38	118.02	113.10	108.58	104.40	100.53	96.94	93.60	90.48	
36.0"	150.00	150.00	150.00	147.12	140.28	134.04	128.34	123.10	118.27	113.81	109.67	105.82	102.24	
32.0"	150.00	150.00	150.00	150.00	150.00	150.00	147.52	141.38	135.72	130.50	125.67	121.18	117.00	
28.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	146.33	141.01	136.06	
24.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
20.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	

INSTRUCTIONS FOR USE OF THE MULLION LOAD TABLE:

1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE THE MULLION SPAN. IN THE FIRST ROW OF THE TABLE, LOCATE THE TRIBUTARY WIDTH. AT THE INTERSECTION OF THE ROW CONTAINING THE MULLION SPAN AND THE COLUMN CONTAINING THE TRIBUTARY WIDTH, READ THE MULLION LOAD RATING GIVEN IN PSF. THE MULLION LOAD RATING MUST BE EQUAL TO OR GREATER THAN THE DESIGN LOAD REQUIREMENT DETERMINED IN STEP 1 ABOVE.

Documents Prepared By: **RW BUILDING CONSULTANTS, INC.**
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Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

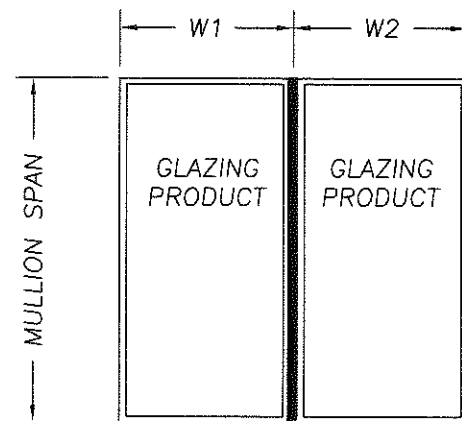
DATE: 12/04/07
SCALE: NTS
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-8566.3
SHEET 4 of 7

PRODUCT: STRUCTURAL MULLION
PART OR ASSEMBLY: MULLION LOAD TABLE FOR TAPCON SCREW ANCHORS

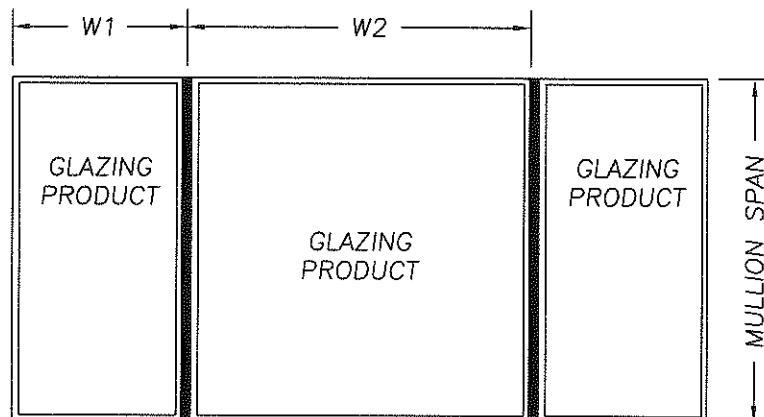
NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	

REVISIONS

1" x 3" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP B4



$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$



WOOD SCREW	TRIBUTARY WIDTH													
	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"	
120.0"	40.13	34.73	32.46	30.43	28.64	27.05	25.63	24.35	23.19	22.13	21.17	20.29	19.48	
116.0"	43.42	37.22	34.74	32.57	30.65	28.95	27.43	26.05	24.81	23.69	22.66	21.71	20.84	
112.0"	45.24	39.57	37.27	34.94	32.88	31.05	29.42	27.95	26.62	25.41	24.30	23.29	22.36	
108.0"	47.13	41.25	38.92	36.88	35.09	33.40	31.64	30.06	28.63	27.33	26.14	25.05	24.05	
104.0"	49.17	43.09	40.67	38.56	36.71	35.07	33.61	32.31	30.87	29.47	28.19	27.01	25.93	
100.0"	51.41	45.09	42.58	40.39	38.47	36.78	35.27	33.93	32.72	31.64	30.49	29.22	28.05	
96.0"	53.86	47.29	44.68	42.41	40.42	38.67	37.11	35.72	34.47	33.35	32.33	31.42	30.43	
92.0"	56.55	49.71	47.00	44.64	42.58	40.76	39.14	37.70	36.41	35.25	34.21	33.24	32.33	
88.0"	59.53	52.40	49.58	47.13	44.98	43.09	41.41	39.92	38.58	37.39	36.29	35.25	34.27	
84.0"	62.83	55.40	52.45	49.90	47.66	45.70	43.96	42.41	41.03	39.77	38.58	37.47	36.41	
80.0"	66.53	58.75	55.68	53.02	50.69	48.65	46.84	45.24	43.78	42.41	41.13	39.92	38.78	
76.0"	70.69	62.54	59.33	56.55	54.13	52.00	50.13	48.43	46.84	45.35	43.96	42.65	41.41	
72.0"	75.40	66.86	63.49	60.59	58.06	55.85	53.86	52.00	50.27	48.65	47.13	45.70	44.35	
68.0"	80.79	71.81	68.29	65.25	62.62	60.25	58.06	56.02	54.13	52.35	50.69	49.13	47.66	
64.0"	87.00	77.55	73.86	70.69	67.86	65.25	62.83	60.59	58.50	56.55	54.73	53.02	51.41	
60.0"	94.25	84.30	80.43	77.00	73.86	70.96	68.29	65.80	63.49	61.34	59.33	57.45	55.68	
56.0"	102.82	92.33	88.13	84.30	80.79	77.55	74.57	71.81	69.24	66.86	64.63	62.54	60.59	
52.0"	113.10	101.85	97.12	92.80	88.85	85.22	81.88	78.79	75.93	73.26	70.78	68.46	66.29	
48.0"	125.67	113.10	107.71	102.82	98.35	94.25	90.48	87.00	83.78	80.79	78.00	75.40	72.97	
44.0"	141.01	126.55	120.37	114.77	109.67	105.01	100.72	96.77	93.12	89.73	86.58	83.65	80.91	
40.0"	150.00	142.86	135.72	129.26	123.38	118.02	113.10	108.58	104.40	100.53	96.94	93.60	90.48	
36.0"	150.00	150.00	150.00	147.12	140.28	134.04	128.34	123.10	118.27	113.81	109.67	105.82	102.24	
32.0"	150.00	150.00	150.00	150.00	150.00	150.00	147.52	141.38	135.72	130.50	125.67	121.18	117.00	
28.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	146.33	141.01	136.06	
24.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
20.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	

INSTRUCTIONS FOR USE OF THE MULLION LOAD TABLE:

1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE THE MULLION SPAN. IN THE FIRST ROW OF THE TABLE, LOCATE THE TRIBUTARY WIDTH. AT THE INTERSECTION OF THE ROW CONTAINING THE MULLION SPAN AND THE COLUMN CONTAINING THE TRIBUTARY WIDTH, READ THE MULLION LOAD RATING GIVEN IN PSF. THE MULLION LOAD RATING MUST BE EQUAL TO OR GREATER THAN THE DESIGN LOAD REQUIREMENT DETERMINED IN STEP 1 ABOVE.

Documents Prepared By: **RW BUILDING CONSULTANTS, INC.**
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197

Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell W. Hapey, P.E.
 No. 54158

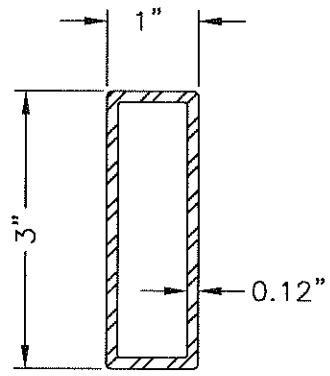
PRODUCT: STRUCTURAL MULLION
 PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	

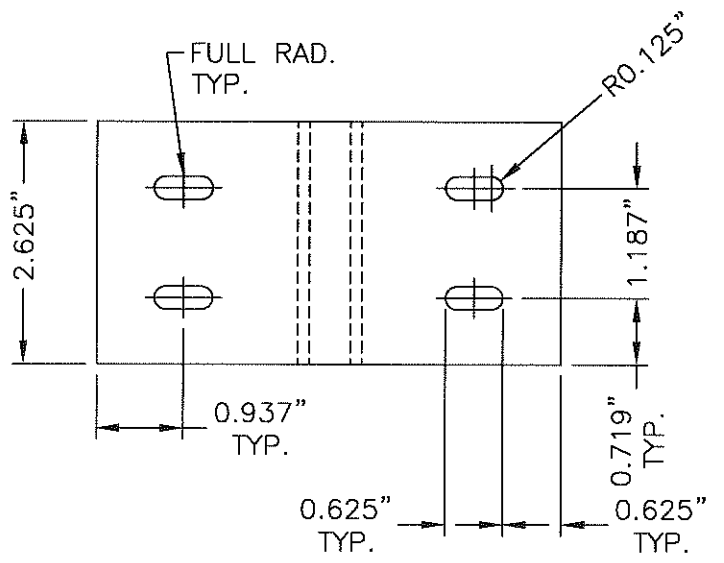
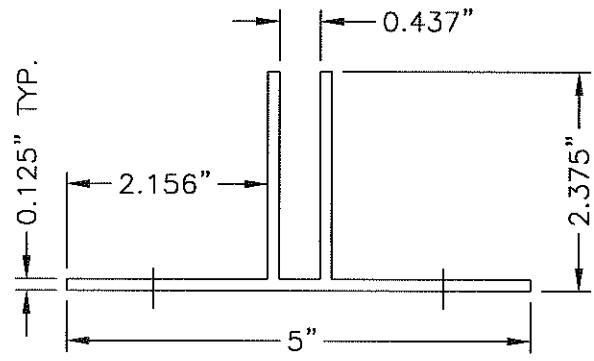
REVISIONS

DATE: 12/04/07
 SCALE: NTS
 DWG. BY: EW
 CHK. BY: WWH
 DRAWING NO.: FL-8566.3
 SHEET 5 OF 7

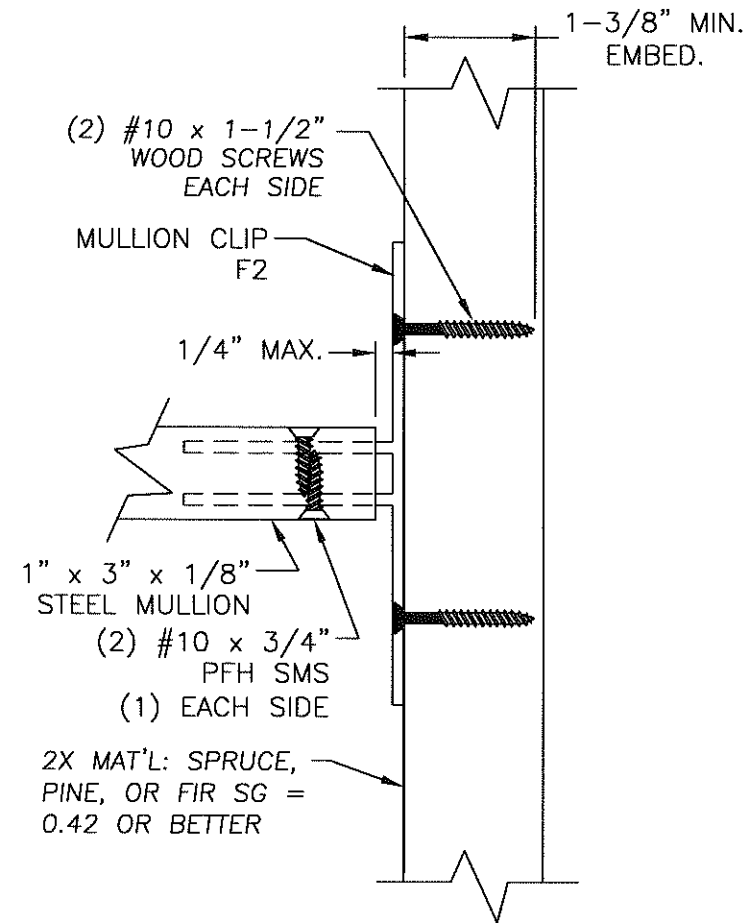
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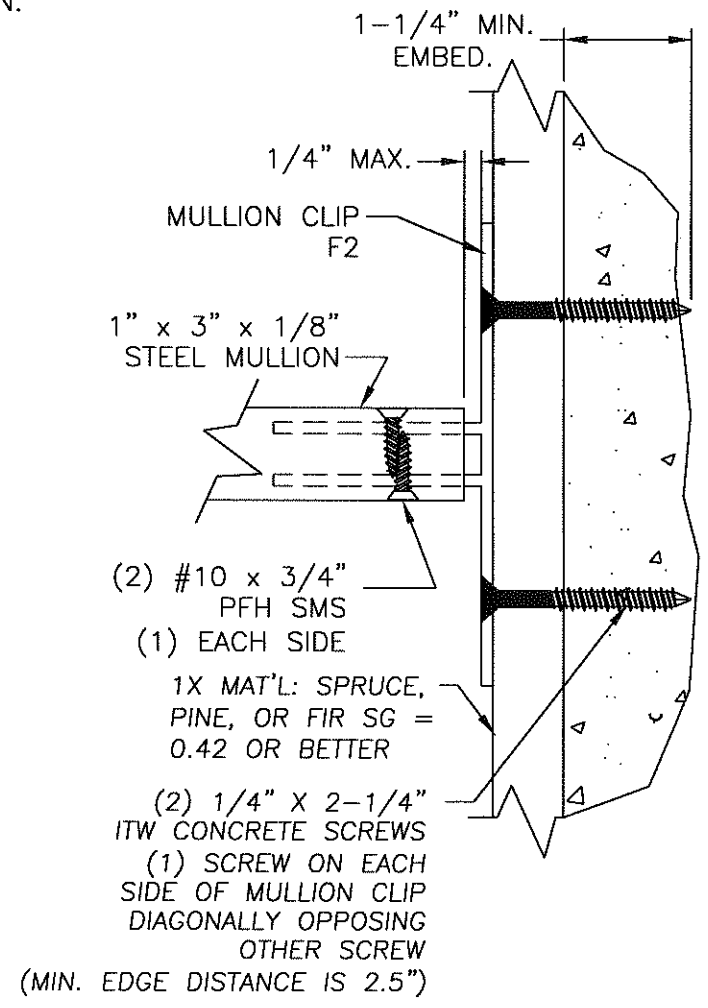
1" x 3" x 1/8" STEEL MULLION



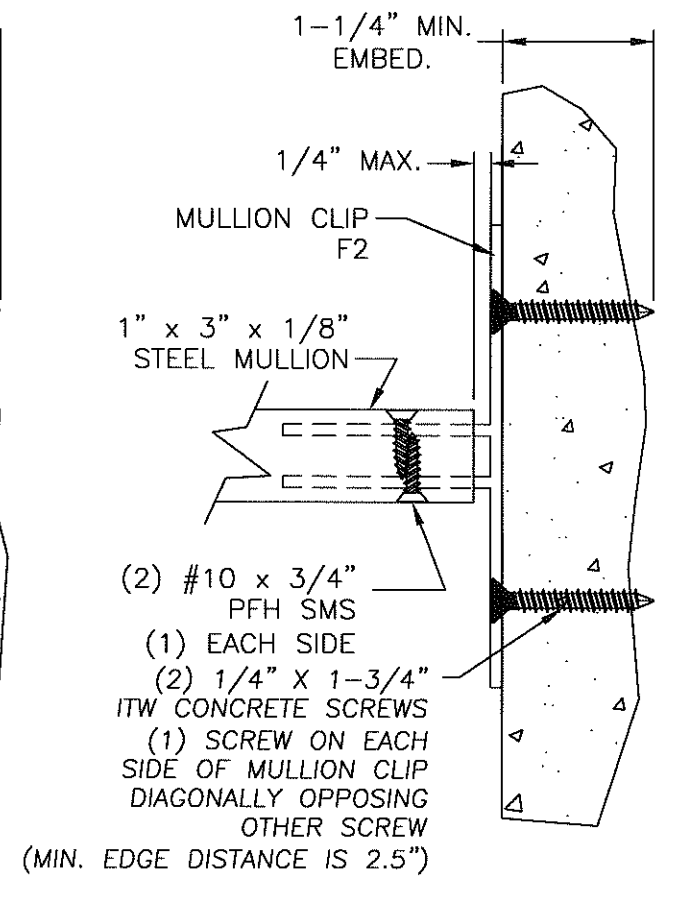
MULL CLIP - F2 ALUMINUM



ANCHOR TO 2X

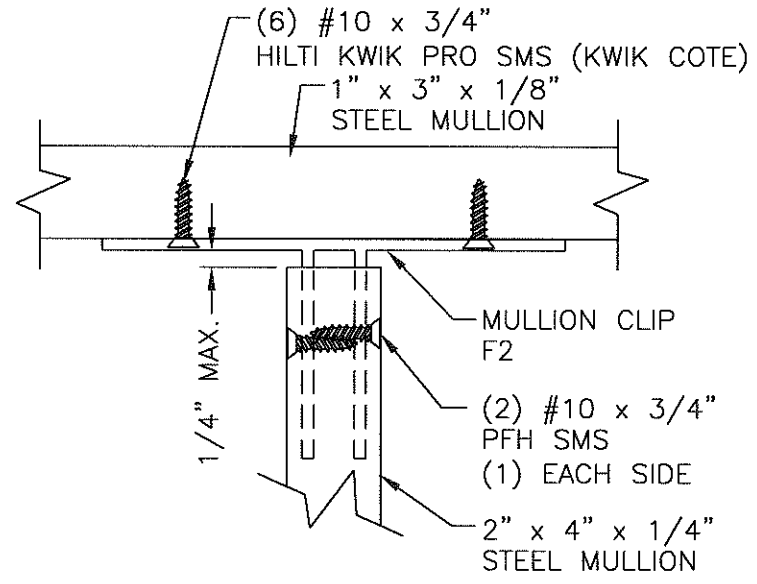


ANCHOR THROUGH 1X BUCK
USING 1/4" X 2-1/4" ITW CONCRETE SCREWS



ANCHOR TO MASONRY
USING 1/4" X 1-3/4" ITW CONCRETE SCREWS

DISSIMILAR METALS THAT COME IN CONTACT MUST BE PAINTED TO AVOID CORROSION.



MULLION TO MULLION ANCHORING

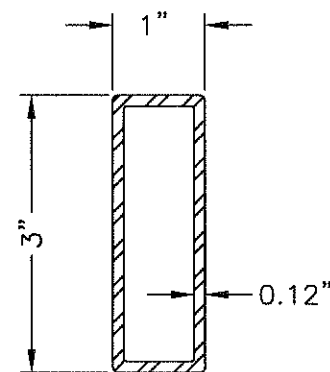
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
Wendell W. Haney, P.E.
 #54158

PRODUCT:	STRUCTURAL MULLION
PART OR ASSEMBLY:	ANCHORING DETAILS

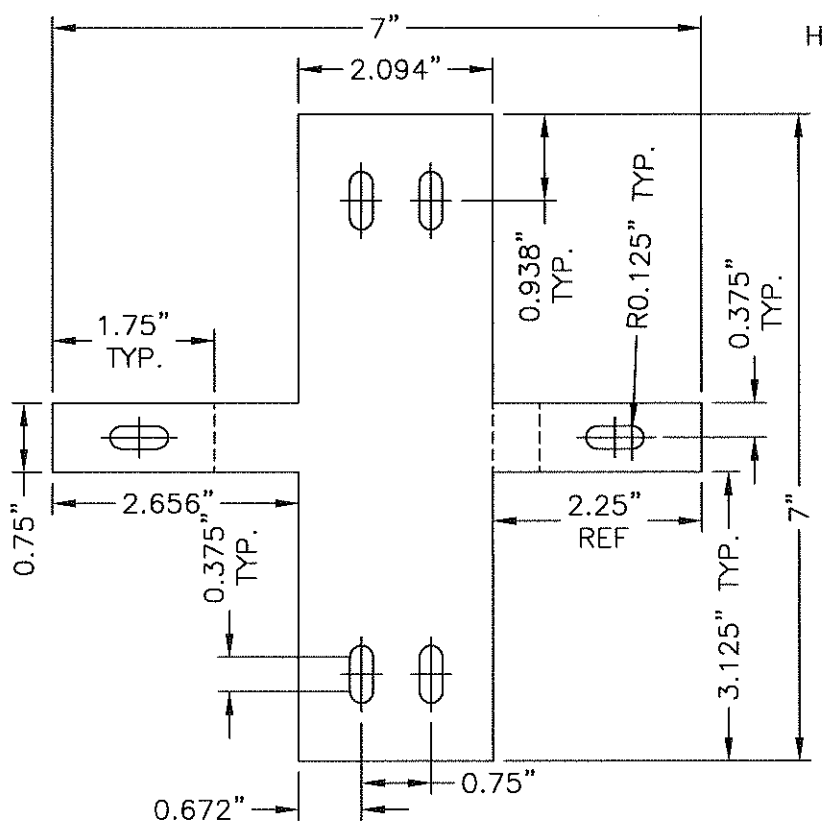
NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	

DATE:	12/04/07
SCALE:	NTS
DWG. BY:	WH
CHG. BY:	WWH
DRAWING NO.:	FL-8566.3
SHEET	6 OF 7

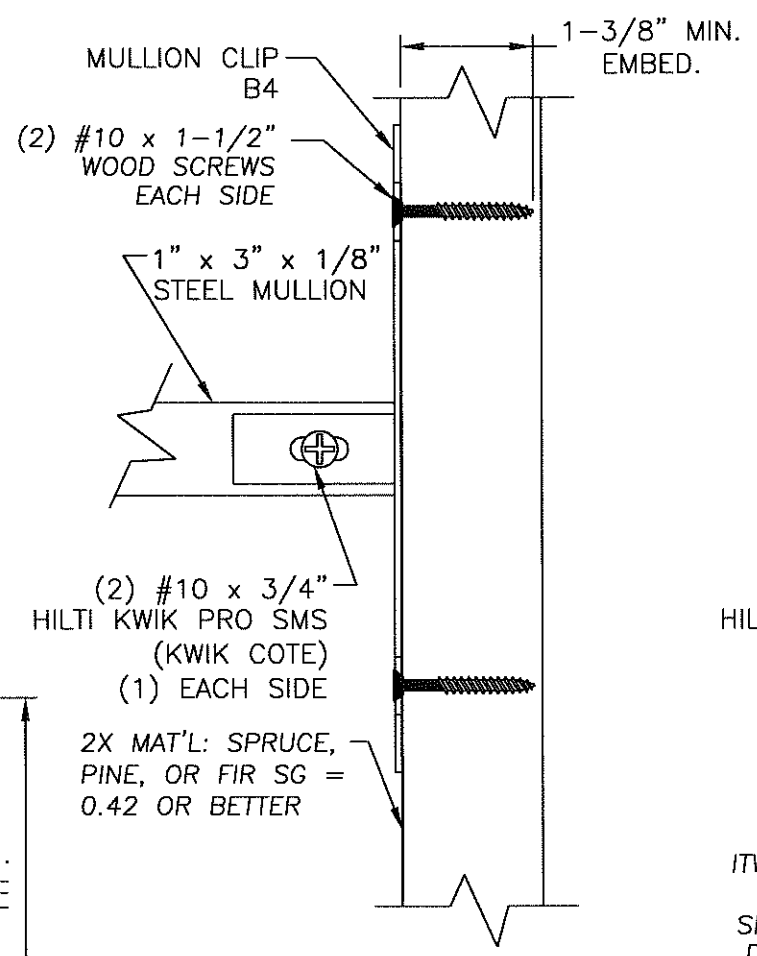
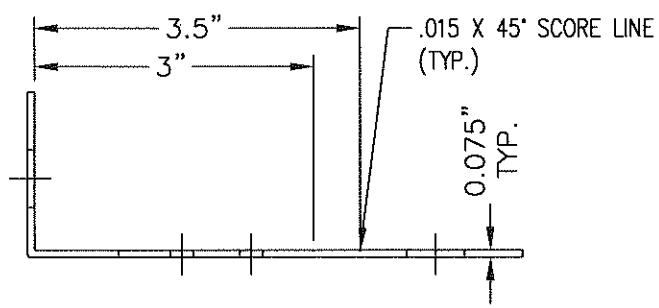
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1" x 3" x 1/8" STEEL MULLION

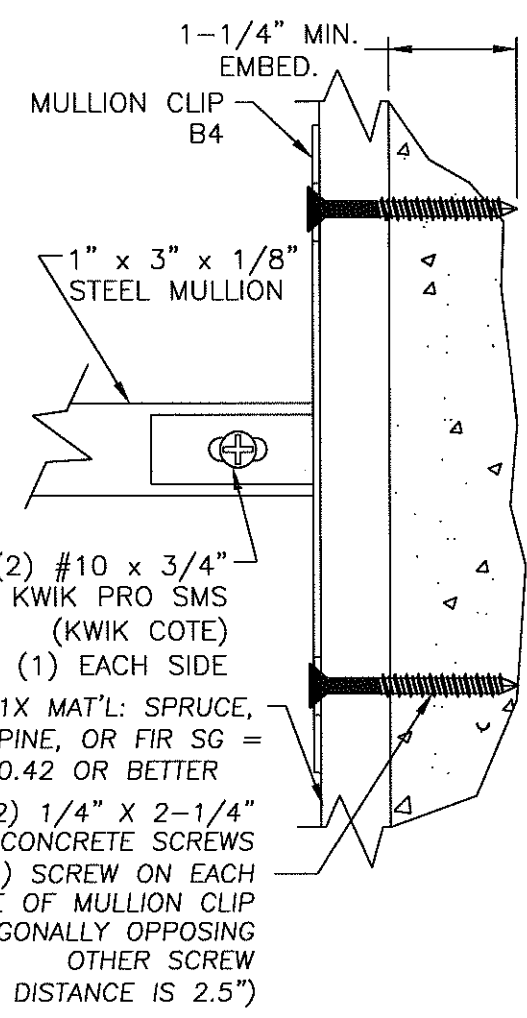


MULL CLIP - B4

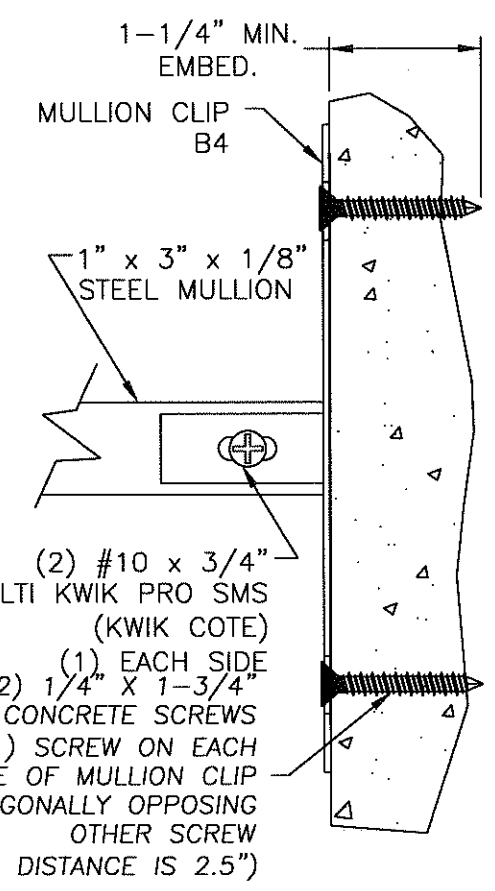


ANCHOR TO 2X

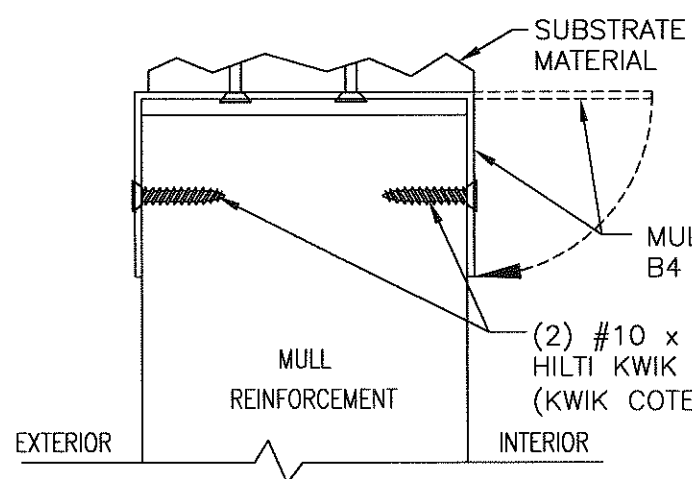
INSTALLATION PROCEDURE
SEE 2X, 1X TO MASONRY & MASONRY ANCHORING ABOVE



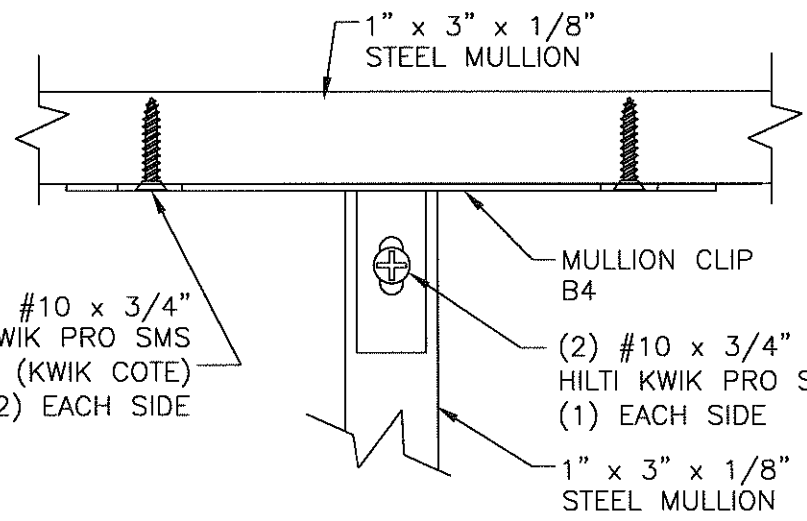
ANCHOR THROUGH 1X BUCK
USING 1/4" X 2-1/4"
ITW CONCRETE SCREWS



ANCHOR TO MASONRY
USING 1/4" X 1-3/4"
ITW CONCRETE SCREWS



INSTALLATION PROCEDURE



MULLION TO MULLION ANCHORING

Documents Prepared By:		RWBC BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197	
PRODUCT:		STRUCTURAL MULLION	
PART OR ASSEMBLY:		ANCHORING DETAILS	
NO.	DATE	WH	BY
1	9-9-08	Rev. to 2007 FBC	
REVISIONS			
DATE: 12/04/07			
SCALE: NTS			
DWG. BY: WH			
CHG. BY: WWH			
DRAWING NO.: FL-8566.3			
SHEET 7 OF 7			

Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Haney, P.E. #54156