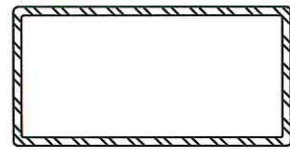




an Andersen Company
2045 Kerper Blvd., Dubuque, IA 52004-1072

STRUCTURAL STEEL MULLION



2" x 4" x .125" TUBE MULLION

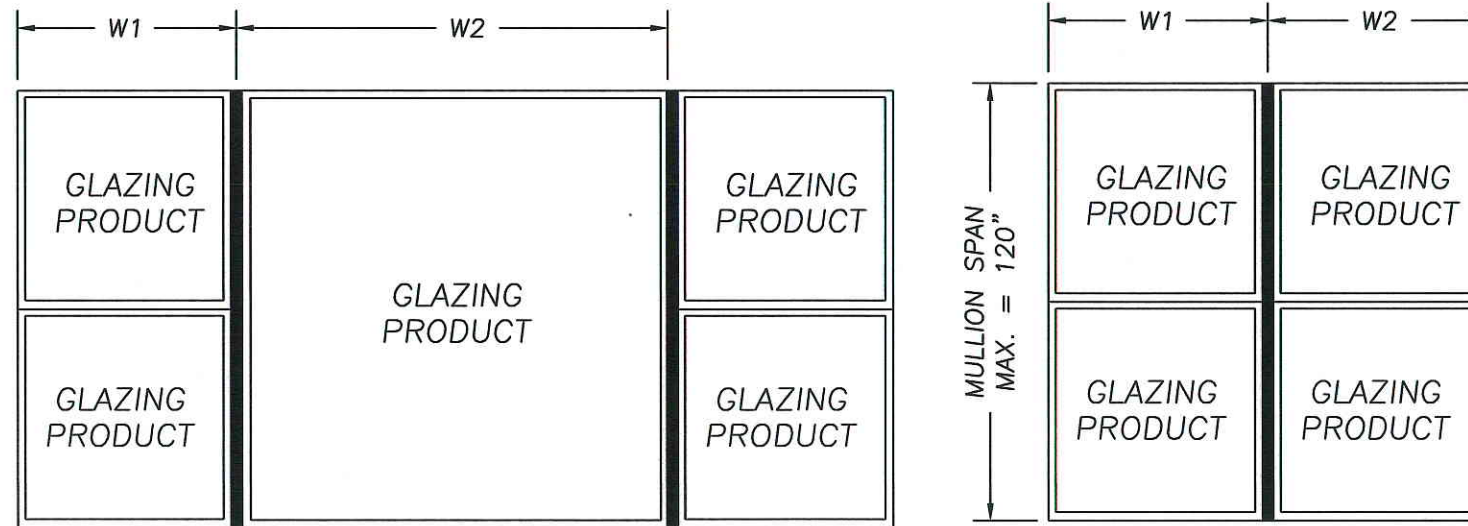
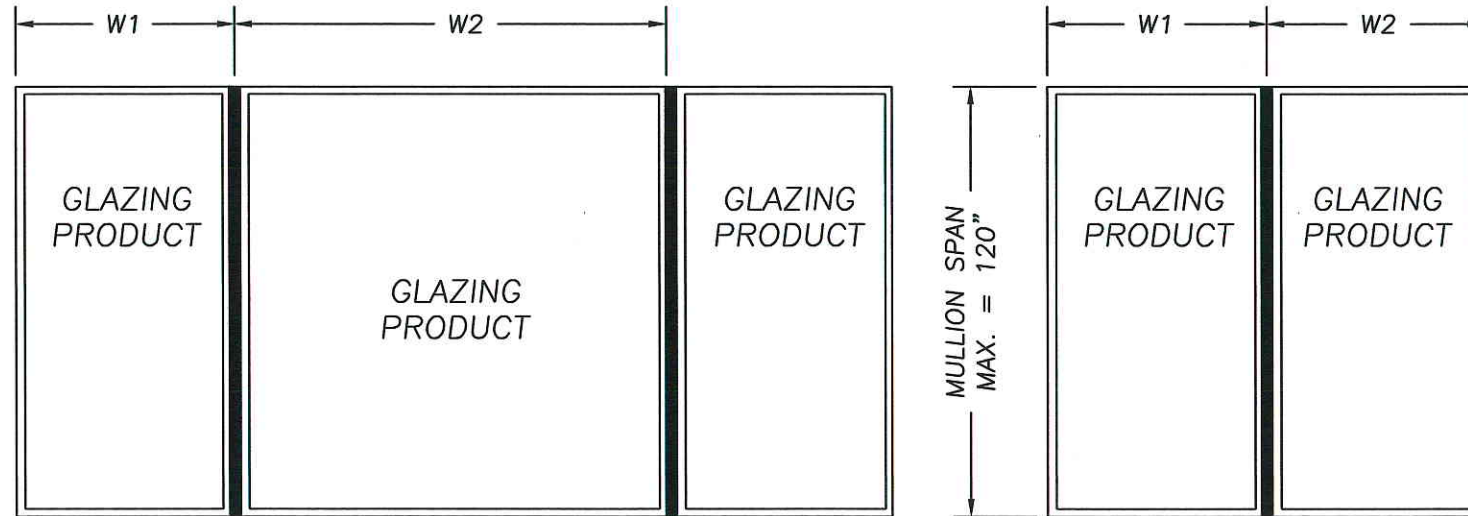
GENERAL NOTES:

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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	MULLION LOAD TABLE FOR TAPCON SCREW ANCHORS
3	MULLION LOAD TABLE FOR WOOD SCREW ANCHORS
4	MULLION LOAD TABLE FOR TAPCON SCREW ANCHORS
5	MULLION LOAD TABLE FOR WOOD SCREW ANCHORS
6	ANCHORING DETAILS
7	ANCHORING DETAILS



TYPICAL MULLION CONFIGURATIONS

Documents Prepared By:

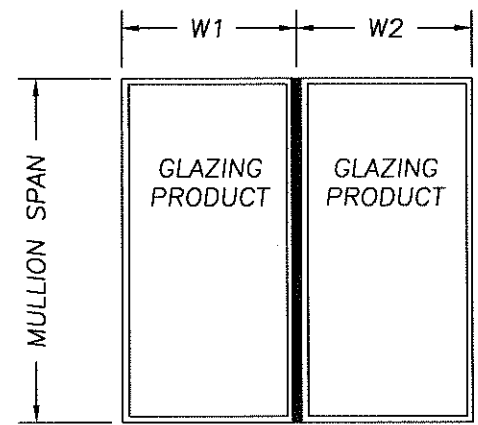
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

Florida Board of Professional Engineers
Certificate Of Authorization No. 9813

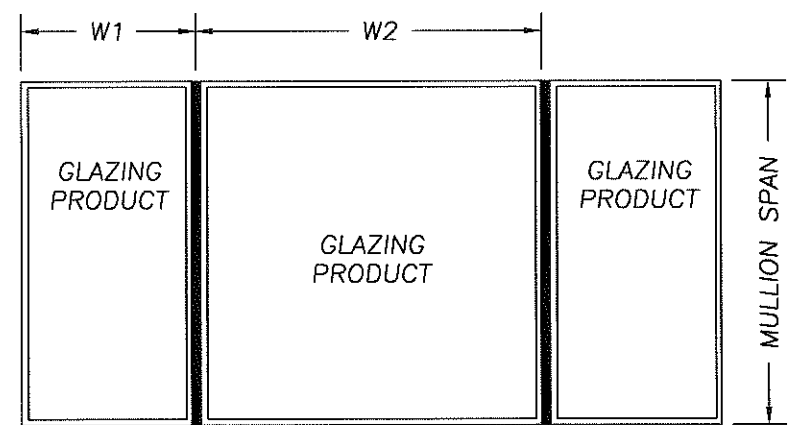
Wendell W. Haney, P.E. No. 54158

PRODUCT:		PART OR ASSEMBLY:		TYPICAL ELEVATIONS & GENERAL NOTES	
NO.	DATE	REV.	TO	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-8566.2
SHEET 1 OF 7



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



2" x 4" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP F1

CONCRETE SCREW	TRIBUTARY WIDTH													
	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"	
MULLION SPAN 120.0"	95.33	78.90	65.37	58.67	50.84	46.69	42.37	38.78	35.75	33.16	30.92	28.96	27.24	
116.0"	102.02	84.43	69.96	62.78	54.41	49.97	45.34	41.50	38.26	35.49	33.09	30.99	29.15	
112.0"	109.44	90.57	75.04	67.35	58.37	53.60	48.64	44.52	41.04	38.07	35.49	33.25	31.27	
108.0"	117.70	97.40	80.71	72.43	62.77	57.65	52.31	47.88	44.14	40.94	38.17	35.76	33.63	
104.0"	126.92	105.04	87.03	78.11	67.69	62.17	56.41	51.63	47.60	44.15	41.16	38.56	36.26	
100.0"	137.28	113.61	94.13	84.48	73.22	67.24	61.01	55.84	51.48	47.75	44.52	41.71	39.22	
96.0"	148.96	123.28	102.14	91.67	79.44	72.96	66.20	60.59	55.86	51.81	48.31	45.25	42.56	
92.0"	150.00	134.23	111.22	99.81	86.50	79.44	72.09	65.98	60.82	56.41	52.60	49.27	46.34	
88.0"	150.00	146.71	121.56	109.09	94.55	86.83	78.79	72.11	66.48	61.66	57.49	53.86	50.65	
84.0"	150.00	150.00	133.41	119.73	103.76	95.29	86.47	79.14	72.96	67.67	63.10	59.11	55.59	
80.0"	150.00	150.00	147.09	132.00	114.40	105.06	95.33	87.25	80.44	74.61	69.57	65.16	61.29	
76.0"	150.00	150.00	150.00	146.26	126.76	116.41	105.63	96.68	89.13	82.67	77.08	72.20	67.91	
72.0"	150.00	150.00	150.00	150.00	141.23	129.71	117.70	107.72	99.31	92.11	85.89	80.45	75.66	
68.0"	150.00	150.00	150.00	150.00	150.00	145.41	131.95	120.77	111.33	103.26	96.29	90.19	84.82	
64.0"	150.00	150.00	150.00	150.00	150.00	150.00	148.96	136.33	125.68	116.58	108.70	101.82	95.76	
60.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	143.00	132.64	123.68	115.85	108.95	
56.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	147.22	138.86	131.39	124.69	
52.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	143.04	135.66	
48.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	148.50	
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	150.00	
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. Horney, P.E. No. 54158

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

DATE: 12/04/07

SCALE: NTS

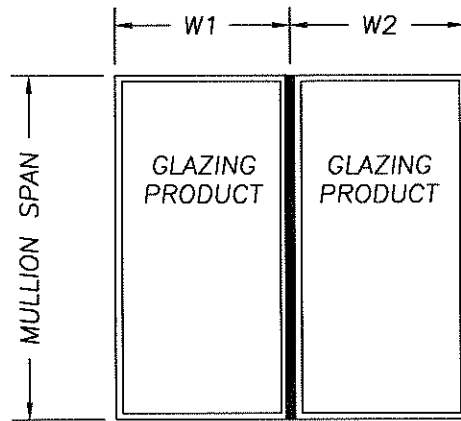
DWG. BY: EW

CHK. BY: WWH

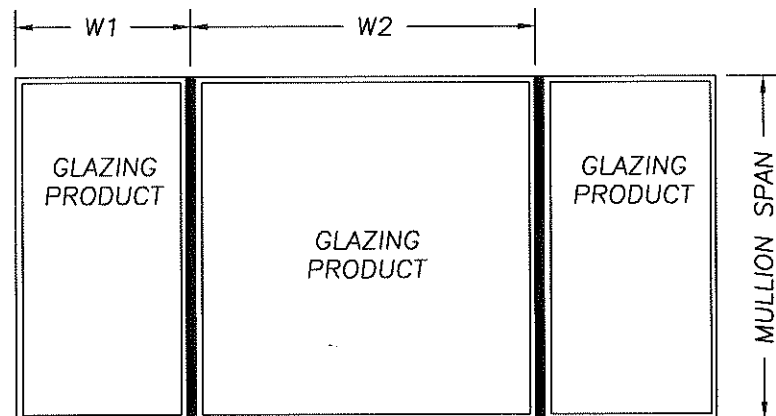
DRAWING NO.: FL-8566.2

SHEET 2 OF 7

R:\A - Projects\Project Folders\Proj 1301-1400\PF 1324\D. RWBC Drawings\FL-8566 R1\FL-8566.2\FL-8566.2-3.dwg, Model



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



2" x 4" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP F1

WOOD SCREW	TRIBUTARY WIDTH													
	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"	
MULLION SPAN	120.0"	95.33	78.90	65.37	58.67	50.84	46.69	42.37	38.78	35.75	33.16	30.92	28.96	27.24
	116.0"	102.02	84.43	69.96	62.78	54.41	49.97	45.34	41.50	38.26	35.49	33.09	30.99	29.15
	112.0"	109.44	90.57	75.04	67.35	58.37	53.60	48.64	44.52	41.04	38.07	35.49	33.25	31.27
	108.0"	117.70	97.40	80.71	72.43	62.77	57.65	52.31	47.88	44.14	40.94	38.17	35.76	33.63
	104.0"	126.92	105.04	87.03	78.11	67.69	62.17	56.41	51.63	47.60	44.15	41.16	38.56	36.26
	100.0"	137.28	113.61	94.13	84.48	73.22	67.24	61.01	55.84	51.48	47.75	44.52	41.71	39.22
	96.0"	148.96	123.28	102.14	91.67	79.44	72.96	66.20	60.59	55.86	51.81	48.31	45.25	42.56
	92.0"	150.00	134.23	111.22	99.81	86.50	79.44	72.09	65.98	60.82	56.41	52.60	49.27	46.34
	88.0"	150.00	146.71	121.56	109.09	94.55	86.83	78.79	72.11	66.48	61.66	57.49	53.86	50.65
	84.0"	150.00	150.00	133.41	119.73	103.76	95.29	86.47	79.14	72.96	67.67	63.10	59.11	55.59
	80.0"	150.00	150.00	147.09	132.00	114.40	105.06	95.33	87.25	80.44	74.61	69.57	65.16	61.29
	76.0"	150.00	150.00	150.00	146.26	126.76	116.41	105.63	96.68	89.13	82.67	77.08	72.20	67.91
	72.0"	150.00	150.00	150.00	150.00	141.23	129.71	117.70	107.72	99.31	92.11	85.89	80.45	75.66
	68.0"	150.00	150.00	150.00	150.00	150.00	145.41	131.95	120.77	111.33	103.26	96.29	90.19	84.82
	64.0"	150.00	150.00	150.00	150.00	150.00	150.00	148.96	136.33	125.68	116.58	108.70	101.82	95.76
	60.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	143.00	132.64	123.68	115.85	108.95
	56.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	147.22	138.86	131.39	124.69
	52.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	143.04	135.66
	48.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	148.50
	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	150.00
	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:

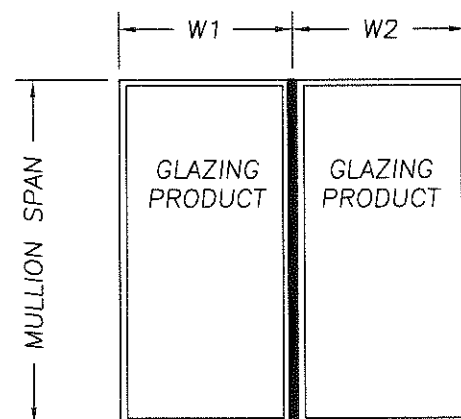
1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE 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:

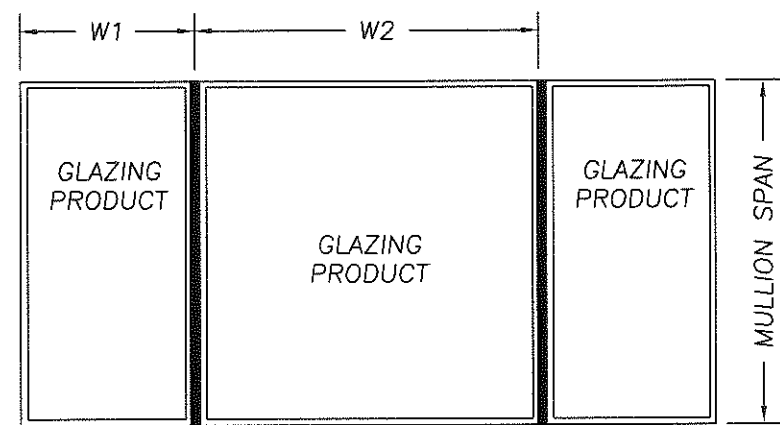
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL, 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Harty, P.E. No. 54158

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-8566.2
SHEET	3 OF 7
NO.	1
DATE	9-9-08
REV.	REV. TO 2007 FBC
WH	
BY	
REVISIONS	

K:\A - Projects\Project Folders\Proj 1301-1400\PT 1324\KWB\Drawings\FL-8566 K1\FL-8566-2-4.uwg, Model



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



		2" x 4" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP B1												
CONCRETE SCREW	MULLION SPAN	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"		63.89	55.80	52.57	49.76	47.29	45.10	43.15	41.40	39.83	38.40	37.11	35.94	34.86
116.0"		66.35	57.98	54.65	51.75	49.20	46.94	44.93	43.13	41.50	40.04	38.71	37.50	36.40
112.0"		69.00	60.35	56.91	53.91	51.27	48.94	46.86	45.00	43.33	41.82	40.45	39.20	38.07
108.0"		71.88	62.92	59.35	56.25	53.52	51.11	48.97	47.05	45.32	43.76	42.35	41.07	39.90
104.0"		75.00	65.71	62.02	58.81	55.98	53.49	51.27	49.29	47.50	45.90	44.44	43.13	41.92
100.0"		78.41	68.77	64.94	61.61	58.68	56.10	53.80	51.75	49.91	48.25	46.75	45.39	44.16
96.0"		82.14	72.13	68.15	64.69	61.65	58.97	56.60	54.47	52.57	50.86	49.32	47.92	46.62
92.0"		86.25	75.82	71.69	68.09	64.94	62.16	59.70	57.50	55.53	53.77	52.17	50.70	49.32
88.0"		90.79	79.92	75.62	71.88	68.60	65.71	63.16	60.88	58.85	57.02	55.35	53.77	52.27
84.0"		95.83	84.49	80.00	76.10	72.70	69.70	67.04	64.69	62.59	60.66	58.85	57.14	55.53
80.0"		101.47	89.61	84.92	80.86	77.31	74.19	71.44	69.00	66.77	64.69	62.73	60.88	59.14
76.0"		107.81	95.39	90.49	86.25	82.55	79.31	76.45	73.86	71.44	69.17	67.04	65.04	63.16
72.0"		115.00	101.97	96.84	92.41	88.56	85.19	82.14	79.31	76.67	74.19	71.88	69.70	67.65
68.0"		123.21	109.52	104.15	99.52	95.50	91.90	88.56	85.45	82.55	79.85	77.31	74.93	72.70
64.0"		132.69	118.29	112.65	107.81	103.50	99.52	95.83	92.41	89.22	86.25	83.47	80.86	78.41
60.0"		143.75	128.57	122.67	117.45	112.65	108.24	104.15	100.36	96.84	93.56	90.49	87.62	84.92
56.0"		150.00	140.82	134.42	128.57	123.21	118.29	113.74	109.52	105.61	101.97	98.57	95.39	92.41
52.0"		150.00	150.00	148.12	141.54	135.52	129.98	124.89	120.17	115.80	111.74	107.95	104.41	101.10
48.0"		150.00	150.00	150.00	150.00	150.00	143.75	138.00	132.69	127.78	123.21	118.97	115.00	111.29
44.0"		150.00	150.00	150.00	150.00	150.00	150.00	150.00	147.59	142.02	136.86	132.06	127.58	123.40
40.0"		150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	147.86	142.76	138.00
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 Vairico FL 33595
Phone No.: 813.659.9197

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

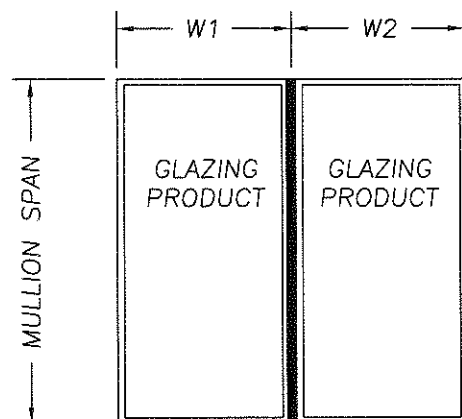
DATE: 12/04/07
SCALE: NTS
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-8566.2
SHEET 4 OF 7

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

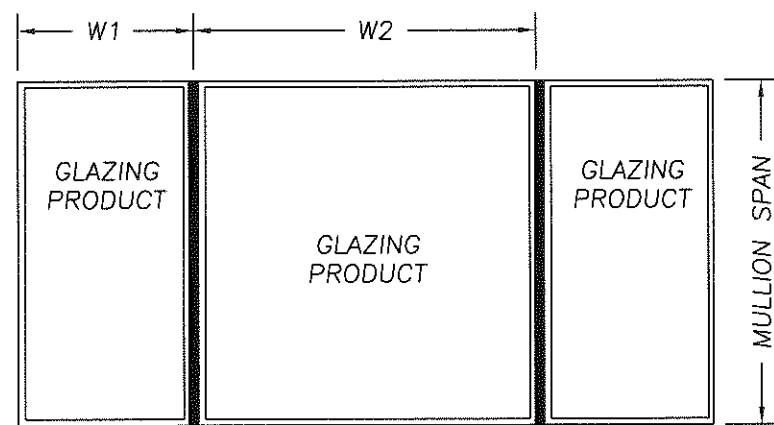
NO.	DATE	REV.	BY
1	9-9-08	REV. TO 2007 FBC	WH

REVISIONS

R:\A - Projects\Project Folders\Proj 1301-1400\PF 1324\D. RWBC Drawings\FL-8566 R1\FL-8566.2\FL-8566.2-5.dwg, Model



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



2" x 4" x .125" STEEL STRUCTURAL BEAM MULLION LOAD TABLE (PSF) - ANCHOR CLIP B1

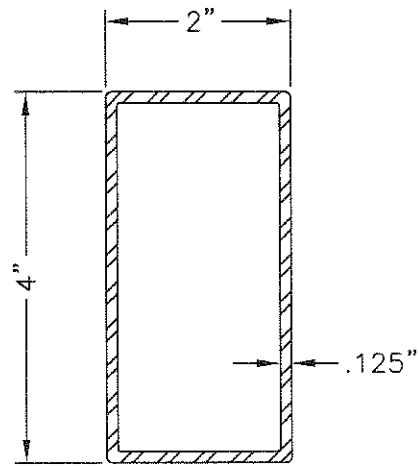
WOOD SCREW	TRIBUTARY WIDTH													
	24.0"	29.0"	34.0"	39.0"	44.0"	49.0"	54.0"	59.0"	64.0"	69.0"	74.0"	79.0"	84.0"	
MULLION SPAN 120.0"	63.89	54.13	47.29	42.25	38.40	35.39	32.97	31.01	29.36	27.88	26.54	25.32	24.21	
116.0"	66.35	56.26	49.20	44.00	40.04	36.94	34.46	32.45	30.70	29.13	27.72	26.44	25.27	
112.0"	69.00	58.57	51.27	45.90	41.82	38.62	36.08	33.99	32.14	30.49	28.99	27.64	26.40	
108.0"	71.88	61.07	53.52	47.98	43.76	40.47	37.86	35.66	33.70	31.94	30.36	28.93	27.63	
104.0"	75.00	63.80	55.98	50.25	45.90	42.51	39.81	37.47	35.38	33.52	31.85	30.33	28.95	
100.0"	78.41	66.79	58.68	52.75	48.25	44.76	41.92	39.43	37.21	35.23	33.45	31.85	30.39	
96.0"	82.14	70.07	61.65	55.51	50.86	47.26	44.23	41.57	39.20	37.10	35.20	33.50	31.94	
92.0"	86.25	73.68	64.94	58.57	53.77	50.00	46.75	43.90	41.38	39.13	37.11	35.29	33.64	
88.0"	90.79	77.69	68.60	61.99	57.02	53.01	49.52	46.46	43.76	41.36	39.20	37.26	35.51	
84.0"	95.83	82.16	72.70	65.83	60.66	56.33	52.57	49.29	46.39	43.81	41.50	39.43	37.55	
80.0"	101.47	87.18	77.31	70.18	64.69	60.00	55.95	52.41	49.29	46.52	44.04	41.82	39.81	
76.0"	107.81	92.85	82.55	75.14	69.17	64.09	59.70	55.87	52.50	49.52	46.86	44.47	42.31	
72.0"	115.00	99.31	88.56	80.70	74.19	68.66	63.89	59.74	56.10	52.87	50.00	47.42	45.10	
68.0"	123.21	106.74	95.50	86.97	79.85	73.80	68.60	64.09	60.13	56.63	53.52	50.74	48.22	
64.0"	132.69	115.36	103.50	94.09	86.25	79.62	73.93	69.00	64.69	60.88	57.50	54.47	51.75	
60.0"	143.75	125.50	112.65	102.22	93.56	86.25	80.00	74.59	69.87	65.71	62.02	58.72	55.76	
56.0"	150.00	137.54	123.21	111.59	101.97	93.88	86.97	81.02	75.82	71.26	67.21	63.59	60.35	
52.0"	150.00	150.00	135.52	122.49	111.74	102.73	95.06	88.46	82.72	77.67	73.21	69.23	65.66	
48.0"	150.00	150.00	150.00	135.29	123.21	113.11	104.55	97.18	90.79	85.19	80.23	75.82	71.88	
44.0"	150.00	150.00	150.00	150.00	136.86	125.45	115.80	107.53	100.36	94.09	88.56	83.64	79.23	
40.0"	150.00	150.00	150.00	150.00	150.00	140.34	129.38	120.00	111.89	104.81	98.57	93.03	88.09	
36.0"	150.00	150.00	150.00	150.00	150.00	150.00	146.03	135.29	126.03	117.95	110.84	104.55	98.92	
32.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	143.75	134.42	126.22	118.97	112.50	
28.0"	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	146.03	137.54	129.98	
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:

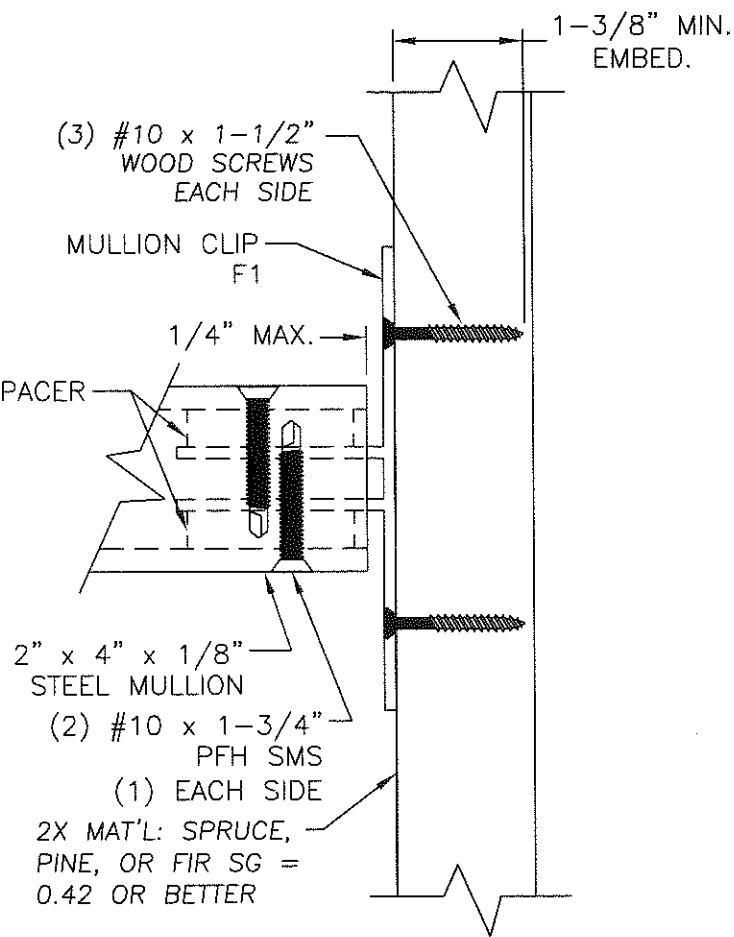
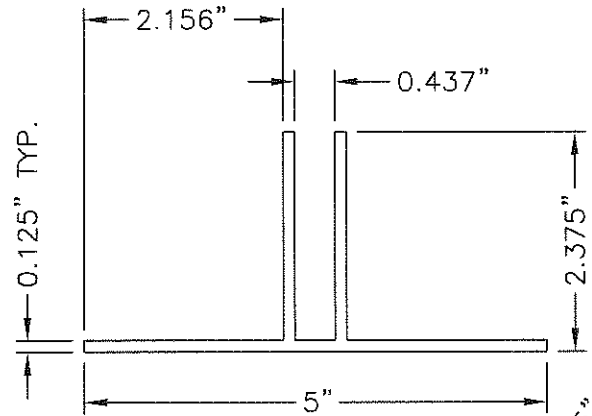
1. DETERMINE THE DESIGN LOAD REQUIREMENT PER CHAPTER 16 OF THE FBC FOR THE PARTICULAR OPENING.
2. FOR THE PARTICULAR OPENING, DETERMINE THE TRIBUTARY WIDTH AND MULLION SPAN. REFERENCE THE SKETCHES ON THIS SHEET FOR MULLION SPAN AND TRIBUTARY WIDTH DETERMINATION.
3. IN THE FIRST COLUMN OF THE TABLE, LOCATE 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 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell W. Harty 9-9-08
 Wendell W. Harty, P.E. No. 54158

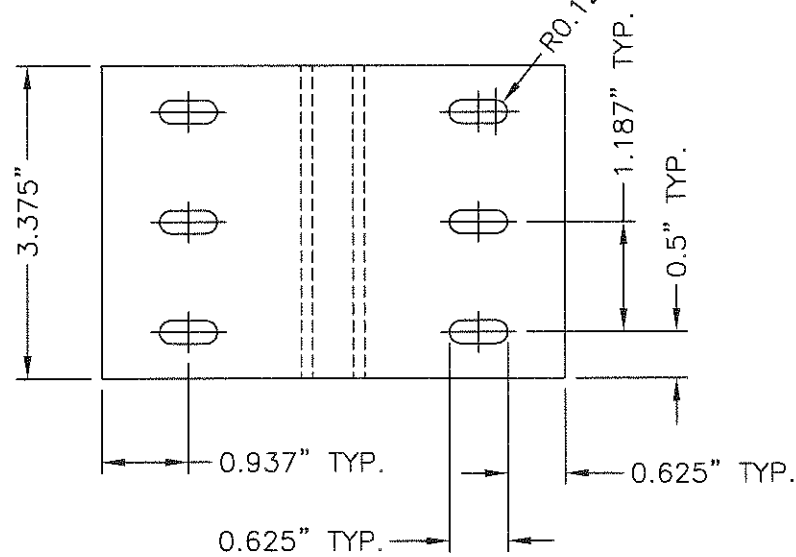
PRODUCT:	STRUCTURAL MULLION		
PART OR ASSEMBLY:	MULLION LOAD TABLE FOR WOOD SCREW ANCHORS		
NO.	DATE	REV. TO	BY
1	9-9-08	REV. TO 2007 FBC	WH
REVISIONS			
DATE: 12/04/07			
SCALE: NTS			
DWG. BY: EW			
CHK. BY: WWH			
DRAWING NO.: FL-8566.2			
SHEET 5 OF 7			



1" x 4" x 1/8" STEEL MULLION

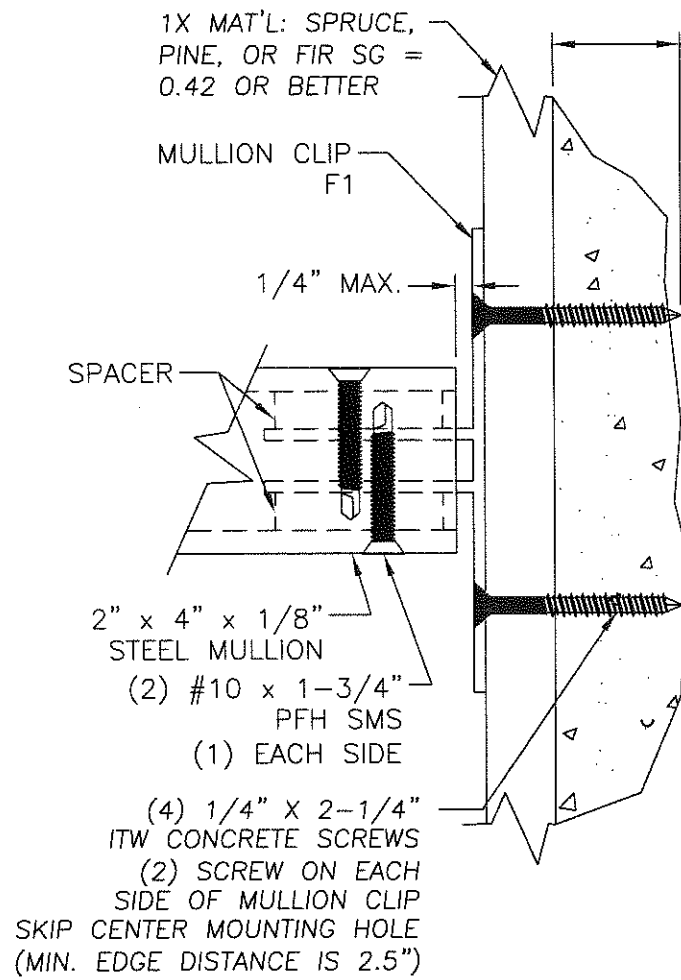


ANCHOR TO 2X

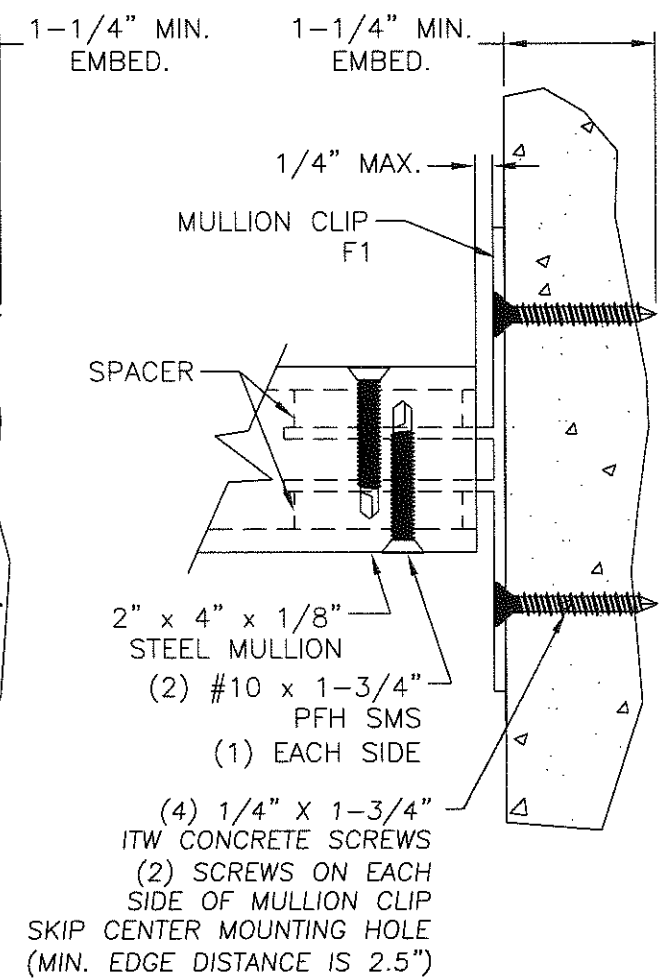


MULL CLIP - F1
ALUMINUM (6063-T6)

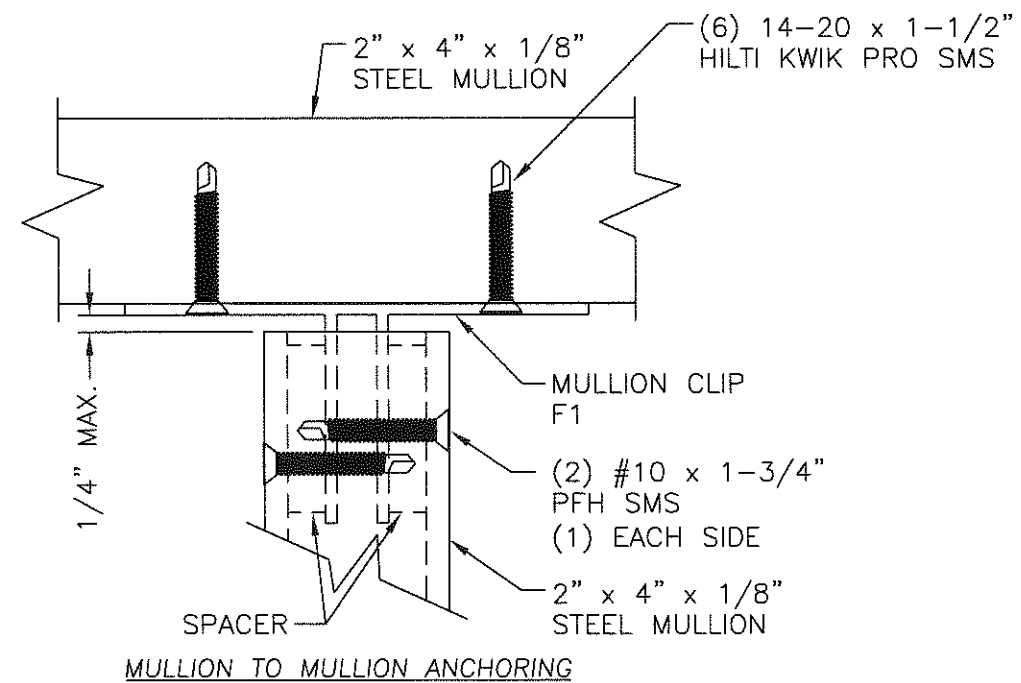
DISSIMILAR METALS THAT COME IN CONTACT MUST BE PAINTED TO AVOID CORROSION.



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

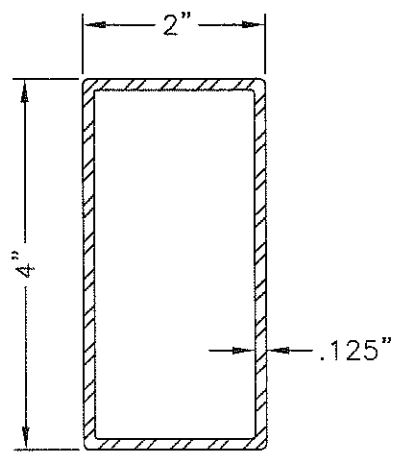


MULLION TO MULLION ANCHORING

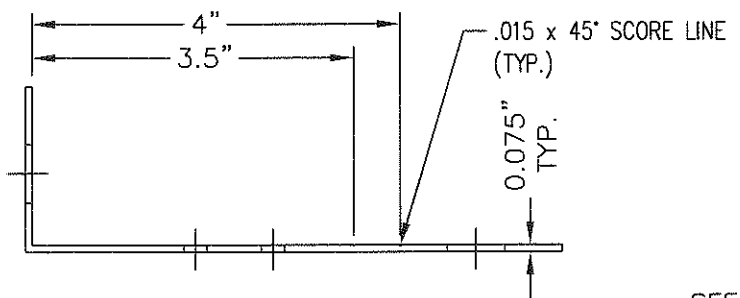
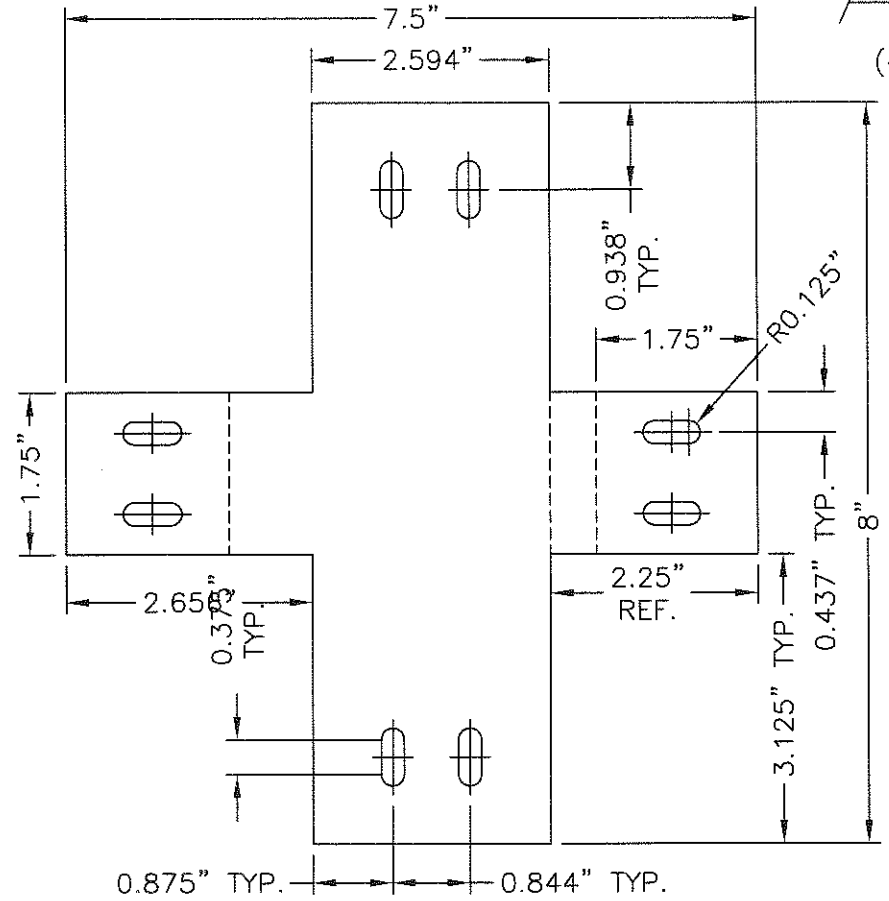
Documents Prepared By: *RW* BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL, 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hapley, P.E. #54158

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: EW			
CHG. BY: WWH			
DRAWING NO.: FL-8566.2			
SHEET 6 OF 7			

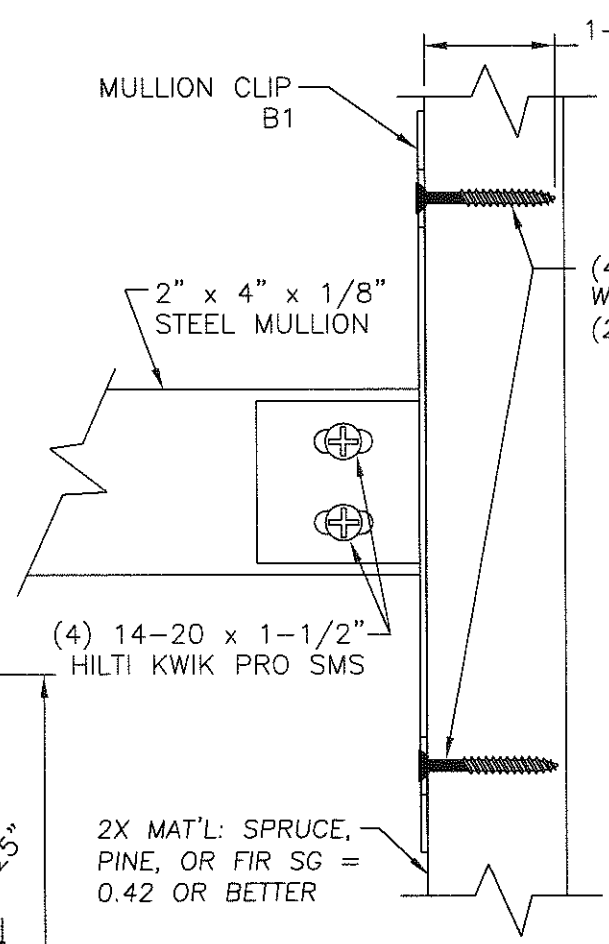
K:\A - PROJECTS\PROJECT FOLDERS\PROJ 1501-1400\17 13241\1. RWBC DRAWINGS\17-0500 K1\17-0500.1\17-0500.2-07.dwg, 1/10/07



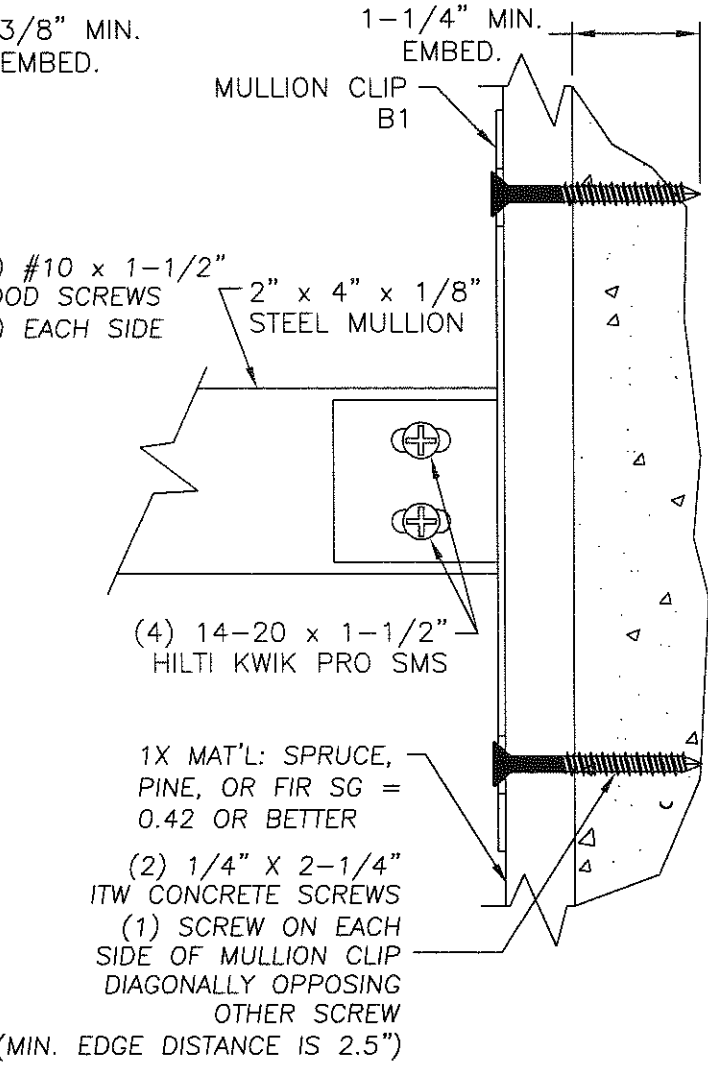
1" x 4" x 1/8" STEEL MULLION



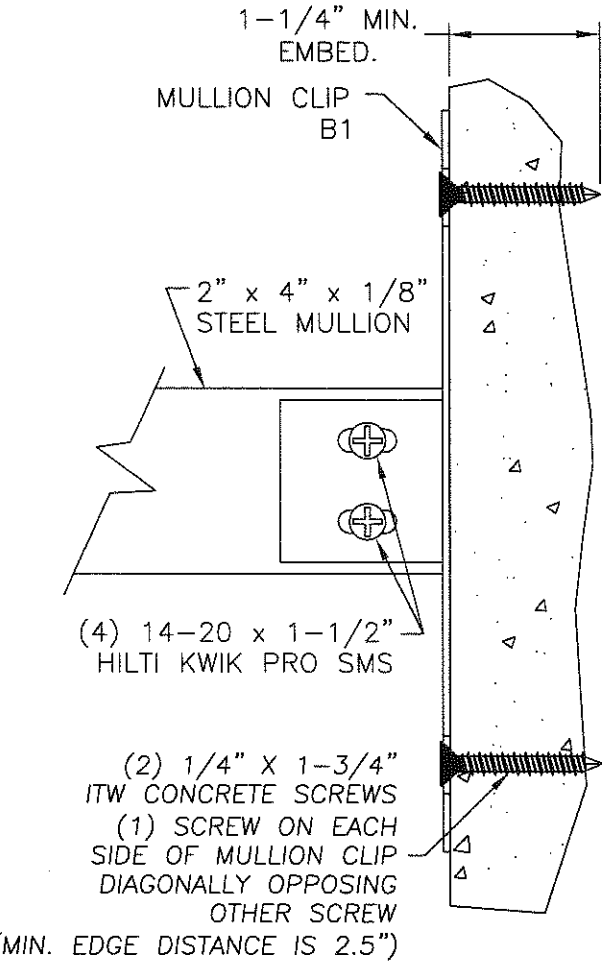
MULL CLIP - B1



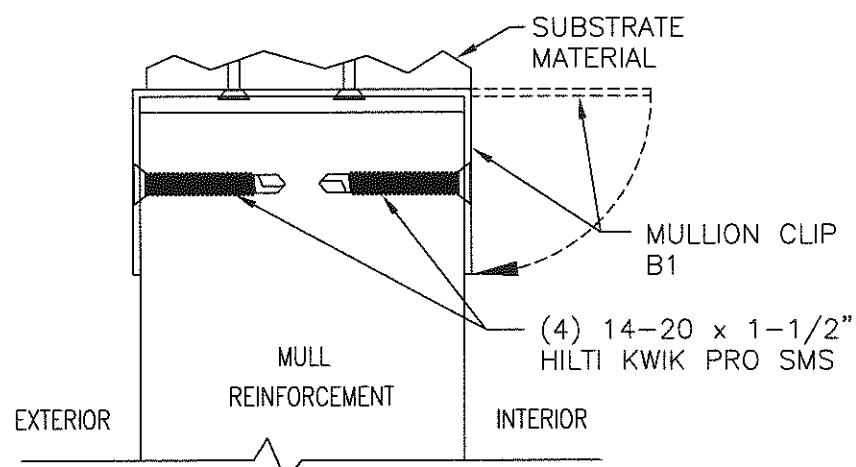
ANCHOR TO 2X



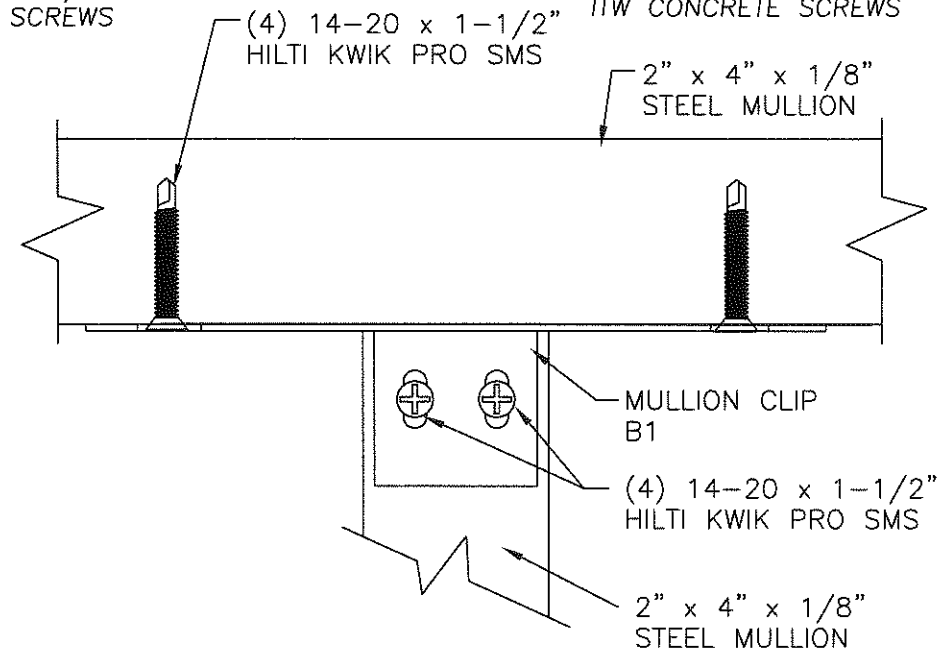
ANCHOR THROUGH 1X BUCK
USING 1/4" X 2-1/4" ITW CONCRETE SCREWS



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



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



MULLION TO MULLION ANCHORING

Documents Prepared By:		RW 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	REV.	BY
1	9-9-08	REV. TO 2007 FBC	WH
REVISIONS			
DATE: 12/04/07			
SCALE: NTS			
DWG. BY: EW			
CHG. BY: WWH			
DRAWING NO.: FL-8566.2			
SHEET 7 OF 7			

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