MIAMI-DADE COUNTY

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.miamidade.gov/buldingcode.com

NOTICE OF ACCEPTANCE (NOA)

Schuco USA, L.P.
240 Pane Road
Newington, CT 06111

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Clipped Extruded Aluminum Tube Mullion – L.M.I.

APPROVAL DOCUMENT: Drawing No.**S-2688**, titled "Structural Tube Mullion", sheets 1 through 16 of 16, dated 5/22/06 with revision #2 dated 04/20/07, prepared by RW Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No: 06-0612.05
Expiration Date: July 19, 2012
Approval Date: July 19, 2007

Schuco USA, L.P.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S-2688**, Sheets 1 through 16 of 16, titled "Structural Tube Mullion", dated 05/22/06 with revision #2 dated 04/20/07, prepared by RW Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   2) Large Missile Impact Test per FBC, TAS 201-94
   3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of Hurricane Force 5 structural aluminum tube mullion, prepared by Testing Evaluation Laboratories, Inc., Test Report No. **TEL-06-1010-1 (R1)**, dated 12/19/06, signed and sealed by Wendell W. Haney, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by RW Building Consultants, Inc., dated 08/14/06, signed and sealed by Lyndon F. Schmidt, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and of no financial interest, dated June 7, 2006, signed and sealed by Lyndon F. Schmidt, P.E.

G. OTHER

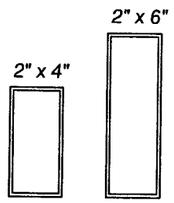
1. None.

Manuel Pérez, P.E.
Product Control Examiner
NOA No: 06-0612.05
Expiration Date: July 19, 2012
Approval Date: July 19, 2007

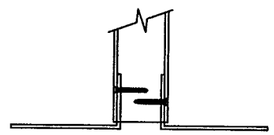
SCHÜCO USA
240 Pane Road, Newington, CT 06111
Telephone (860) 666-0505 Fax (860) 666-1695

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

STRUCTURAL MULLION



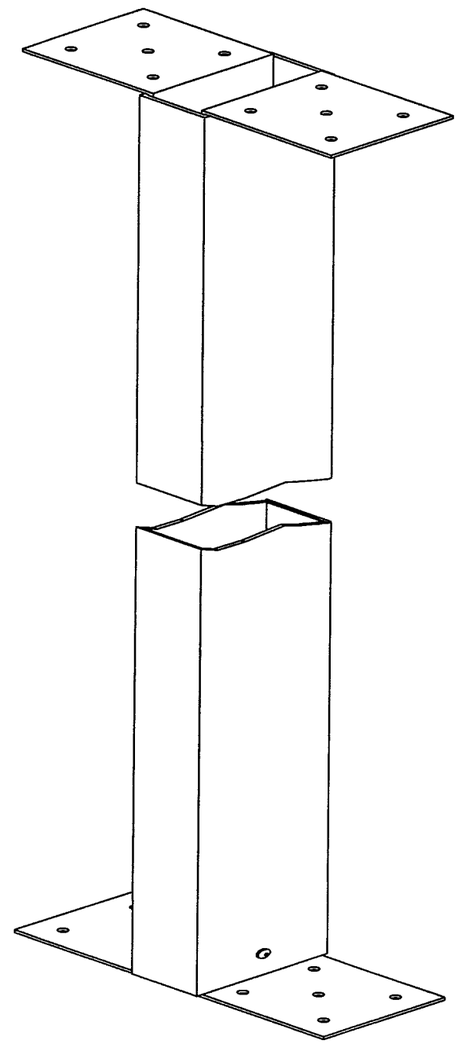
MULLIONS



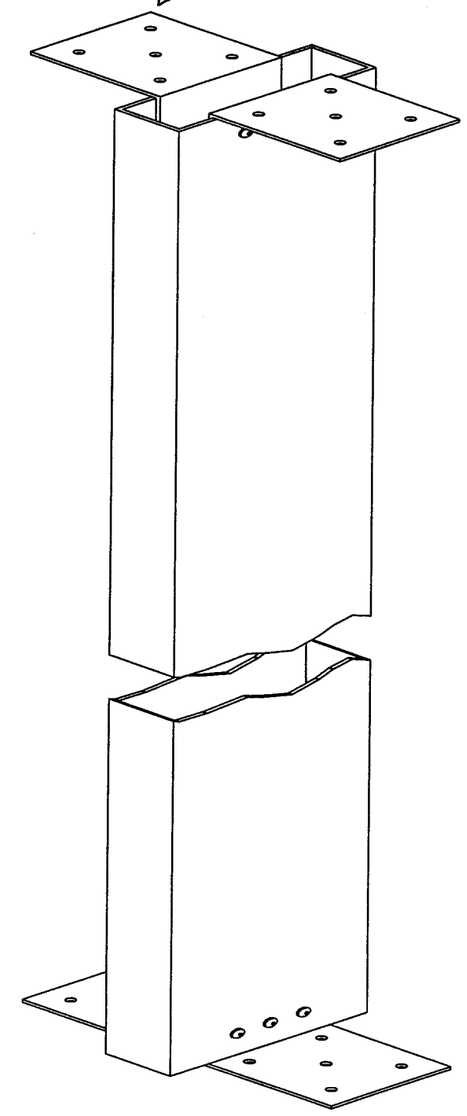
STRUCTURAL ANGLE MOUNTING BRACKET
(AT HEAD AND SILL)

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE INCLUDING 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 SCHUCO PRODUCT APPROVALS FOR EACH SCHUCO 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. ANY CONDITIONS NOT COVERED IN THIS EVALUATION ARE SUBJECT TO SEPARATE ENGINEERING EVALUATION.
7. MULLION DESIGN PRESSURE RATING, SEE APPROPRIATE LOAD RATING TABLE IN THIS DRAWING FOR EACH TYPE OF MULLION CONFIGURATION.
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 SCHUCO GLAZING PRODUCTS USED.
9. BOUNDING BOX DIMENSIONS FOR GEOMETRIC SHAPES MUST BE EQUAL TO OR LESS THAN THE RECTANGULAR DIMENSIONS SHOWN HEREIN.



2" x 4" MULLION ASSEMBLY



2" x 6" MULLION ASSEMBLY

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4	2"x6" STRUCTURAL MULL. W/WOOD SCREWS
5	2"x6" STRUCTURAL MULL. W/TAPCON SCREWS
6	2"x4" TRANSOM MULL. W/WOOD SCREWS
7	2"x4" TRANSOM MULL. W/TAPCON SCREWS
8	2"x6" TRANSOM MULL. W/WOOD SCREWS
9	2"x6" TRANSOM MULL. W/TAPCON SCREWS
10	2"x4" TRIPLE TRANSOM MULL. W/WOOD SCREWS
11	2"x4" TRIPLE TRANSOM MULL. W/TAPCON SCREWS
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13	2"x6" TRIPLE TRANSOM MULL. W/TAPCON SCREWS
14	2"x6" STOREFRONT MULL. W/WOOD SCREWS
15	2"x6" STOREFRONT MULL. W/TAPCON SCREWS
16	ANCHOR DETAILS AND SECTION DETAILS

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.
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: STRUCTURAL TUBE MULLION

PART OR ASSEMBLY: TYPICAL ELEVATION AND GENERAL NOTES

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 5/22/06
SCALE: NTS
DWG. BY: EW
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 1 OF 16

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SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE MULLION LOAD TABLE (PSF)

WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28.0"	30.0"	32.0"	34.0"	36.0"	38.0"	40.0"	42.0"	44.0"	46.0"	48.0"	51.0"	61.5"
96"	72.90	68.46	64.58	61.17	58.13	55.43	52.99	50.79	48.80	46.98	45.32	43.06	36.64
92"	83.14	78.10	73.70	69.82	66.38	63.31	60.55	58.05	55.79	53.73	51.83	49.23	41.86
88"	95.39	89.64	84.62	80.19	76.26	72.76	69.61	66.77	64.19	61.82	59.62	56.61	48.08
84"	110.18	103.57	97.80	92.72	88.21	84.19	80.58	77.32	74.34	71.58	69.01	65.50	55.58
80"	128.18	120.55	113.88	108.01	102.80	98.15	93.98	90.18	86.68	83.44	80.43	76.31	64.70
76"	150.34	141.45	133.68	126.85	120.79	115.38	110.48	105.99	101.17	96.77	92.74	87.29	72.38
72"	177.14	165.33	155.00	145.88	137.78	130.53	124.00	118.10	112.73	107.83	103.33	97.25	80.65
68"	198.60	185.36	173.77	163.55	154.46	146.33	139.02	132.40	126.38	120.88	115.85	109.03	90.42
64"	200.00	200.00	196.17	184.63	174.38	165.20	156.94	149.46	142.67	136.47	130.78	123.09	102.07
60"	200.00	200.00	200.00	200.00	198.40	187.96	178.56	170.06	162.33	155.27	148.80	140.05	116.14
56"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	195.22	186.35	178.24	170.82	160.77	133.32
52"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	198.11	186.45	154.62
50"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	167.24
48"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	181.46
46"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	197.59
44"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
42"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
40"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
38"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
36"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
34"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
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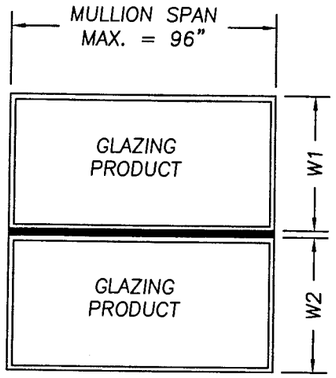
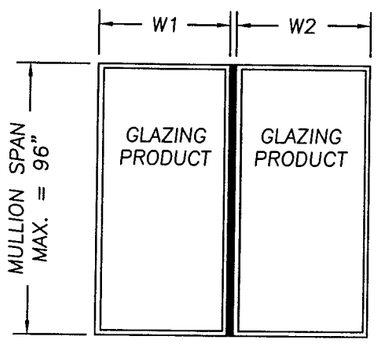
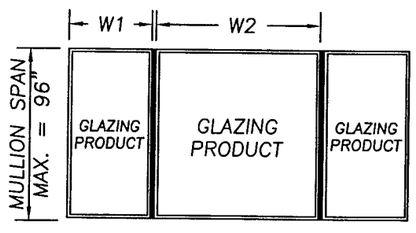


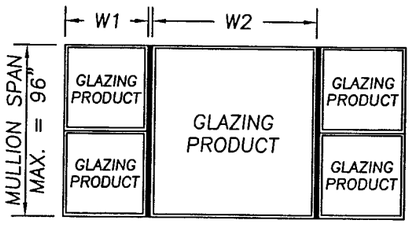




FIXED WINDOW MULLED TO VENT FLANKERS

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

Approved as complying with the Florida Building Code
Date July 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez



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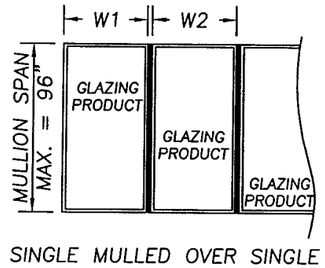
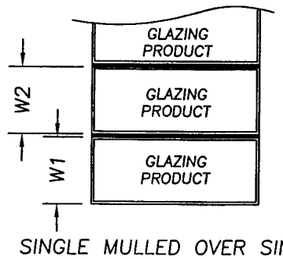
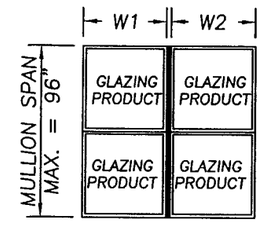


SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL & VERTICAL STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 2 OF 16

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SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28.0"	30.0"	32.0"	34.0"	36.0"	38.0"	40.0"	42.0"	44.0"	46.0"	48.0"	51.0"	61.5"
96"	72.90	68.46	64.58	61.17	58.13	55.43	52.99	50.79	48.80	46.98	45.32	43.06	36.64
92"	83.14	78.10	73.70	69.82	66.38	63.31	60.55	58.05	55.79	53.73	51.83	49.23	41.86
88"	95.39	89.64	84.62	80.19	76.26	72.76	69.61	66.77	64.19	61.82	59.62	56.61	48.08
84"	110.18	103.57	97.80	92.72	88.21	84.19	80.58	77.32	74.34	71.58	69.01	65.50	55.58
80"	128.18	120.55	113.88	108.01	102.80	98.15	93.98	90.18	86.68	83.44	80.43	76.31	64.70
76"	150.34	141.45	133.68	126.85	120.79	115.38	110.48	105.99	101.17	96.77	92.74	87.29	72.38
72"	177.14	165.33	155.00	145.88	137.78	130.53	124.00	118.10	112.73	107.83	103.33	97.25	80.65
68"	198.60	185.36	173.77	163.55	154.46	146.33	139.02	132.40	126.38	120.88	115.85	109.03	90.42
64"	200.00	200.00	196.17	184.63	174.38	165.20	156.94	149.46	142.67	136.47	130.78	123.09	102.07
60"	200.00	200.00	200.00	200.00	198.40	187.96	178.56	170.06	162.33	155.27	148.80	140.05	116.14
56"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	195.22	186.35	178.24	170.82	160.77	133.32
52"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	198.11	186.45	154.62
50"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	167.24
48"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	181.46
46"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	197.59
44"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
42"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
40"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
38"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
36"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
34"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
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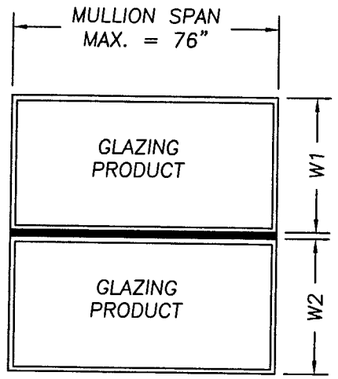
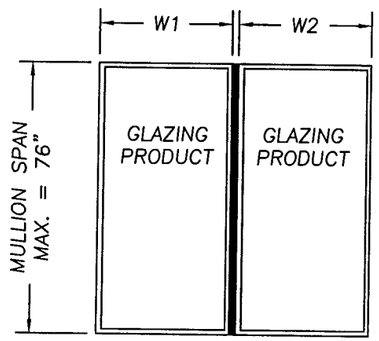
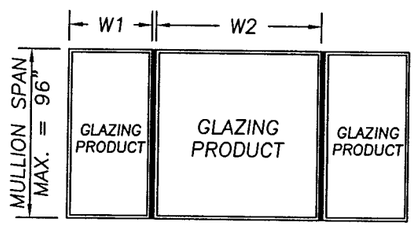


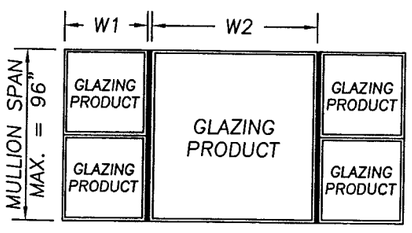




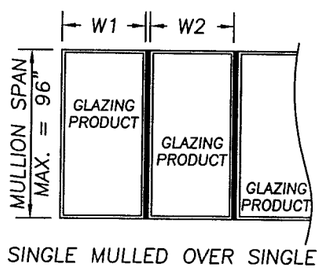
FIXED WINDOW MULLED TO VENT FLANKERS

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

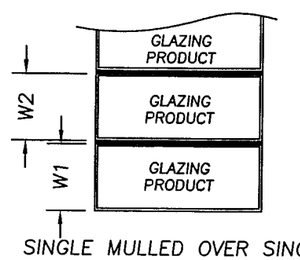
Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez



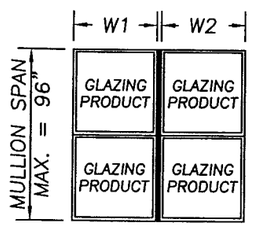
FIXED WINDOW MULLED TO VENT FLANKERS



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL & VERTICAL STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 3 OF 16

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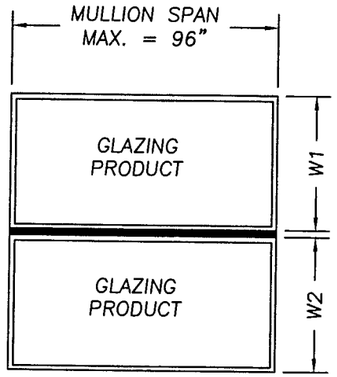
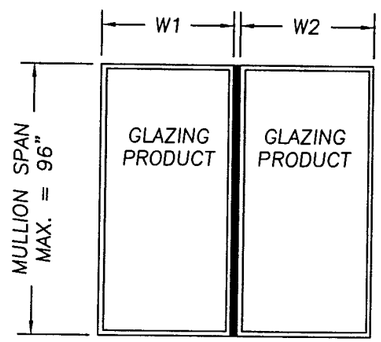
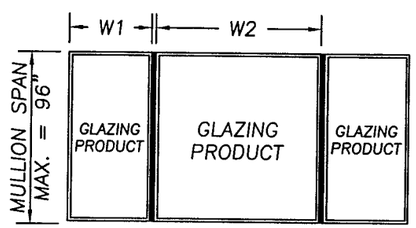
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-3.dwg, Model

SCHUCO 2"x6"x 1/8" WALL STRUCTURAL TUBE MULLION LOAD TABLE (PSF)

WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28.0"	30.0"	32.0"	34.0"	36.0"	38.0"	40.0"	42.0"	44.0"	46.0"	48.0"	51.0"	61.5"
96"	155.54	146.96	139.50	132.96	127.18	122.05	117.47	113.37	109.68	106.35	103.33	99.20	84.10
92"	163.52	154.60	146.84	140.05	134.05	128.74	124.00	119.76	115.95	112.51	109.34	104.91	91.57
88"	172.36	163.07	155.00	147.94	141.71	136.20	131.29	126.91	122.98	119.36	115.95	111.18	97.20
84"	182.20	172.52	164.12	156.77	150.30	144.58	139.50	134.97	130.81	126.91	123.23	118.10	103.06
80"	193.25	183.14	174.38	166.72	160.00	154.06	148.80	144.00	139.50	135.27	131.29	125.75	109.55
76"	200.00	195.15	186.00	178.03	171.03	164.88	159.29	154.06	149.17	144.58	140.27	134.26	116.74
72"	200.00	200.00	199.29	190.97	183.70	177.14	171.03	165.33	160.00	155.00	150.30	143.77	124.78
68"	200.00	200.00	200.00	200.00	198.18	190.97	184.27	178.03	172.19	166.72	161.59	154.46	133.80
64"	200.00	200.00	200.00	200.00	200.00	200.00	199.29	192.41	186.00	180.00	174.38	166.57	144.00
60"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	195.15	188.95	180.36	155.61
56"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.22	168.93
52"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	184.37
50"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	193.04
48"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
46"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
44"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
42"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
40"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
38"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
36"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
34"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00



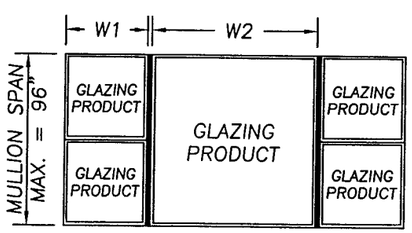




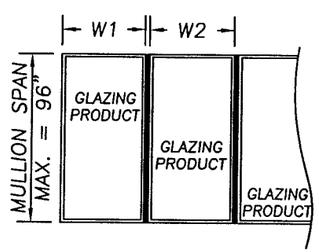
FIXED WINDOW MULLED TO VENT FLANKERS

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

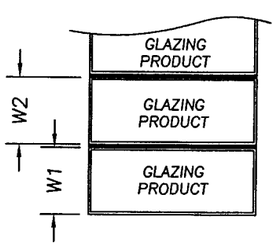
Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami-Dade Product Control Division
By Manuel Perez



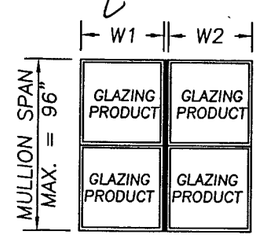
FIXED WINDOW MULLED TO VENT FLANKERS



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL & VERTICAL STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 4 OF 16

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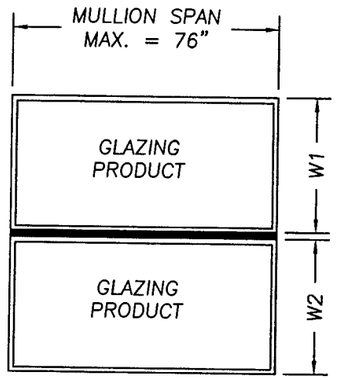
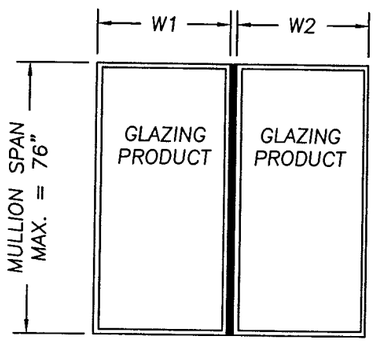
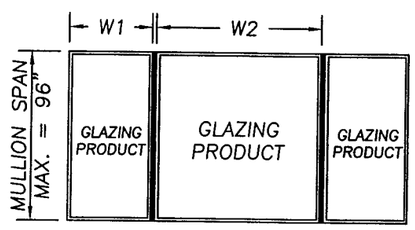
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-4.dwg, Model

SCHUCO 2" x 6" x 1.8" WALL STRUCTURAL TUBE MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28.0"	30.0"	32.0"	34.0"	36.0"	38.0"	40.0"	42.0"	44.0"	46.0"	48.0"	51.0"	61.5"
96"	163.38	157.33	151.71	146.48	141.60	136.10	129.30	123.14	117.54	112.43	107.75	101.41	84.10
92"	173.83	167.27	161.19	155.53	150.26	145.33	140.72	134.08	127.99	122.42	117.32	110.42	91.57
88"	185.37	178.24	171.64	165.51	159.80	154.47	149.49	144.82	139.89	133.80	128.23	120.69	100.08
84"	198.16	190.39	183.20	176.54	170.35	164.57	159.18	154.12	149.38	144.92	140.72	132.45	109.84
80"	200.00	200.00	196.06	188.80	182.06	175.78	169.92	164.44	159.30	154.47	149.93	143.59	121.10
76"	200.00	200.00	200.00	200.00	195.12	188.28	181.89	175.93	170.35	165.10	160.18	153.31	133.31
72"	200.00	200.00	200.00	200.00	200.00	200.00	195.31	188.80	182.71	177.00	171.64	164.17	142.49
68"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.63	190.39	184.53	176.39	152.79
64"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.13	190.21	164.44
60"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	177.69
56"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	192.91
52"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
50"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
48"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
46"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
44"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
42"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
40"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
38"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
36"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
34"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00



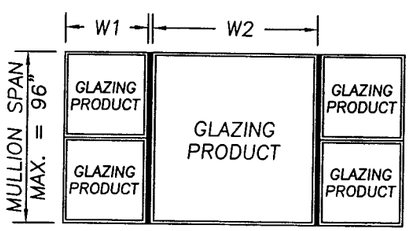




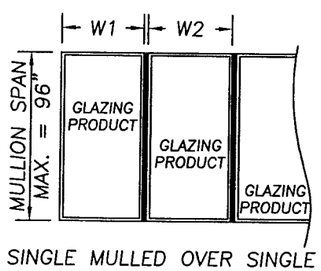
FIXED WINDOW MULLED TO VENT FLANKERS

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

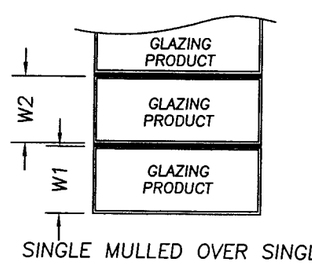
Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez



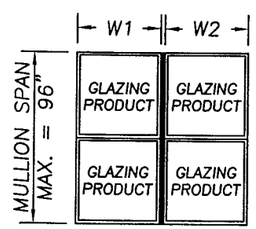
FIXED WINDOW MULLED TO VENT FLANKERS



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE



SINGLE MULLED OVER SINGLE

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL & VERTICAL STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 5 OF 16

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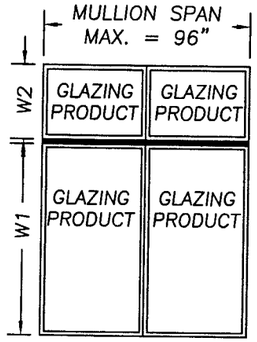
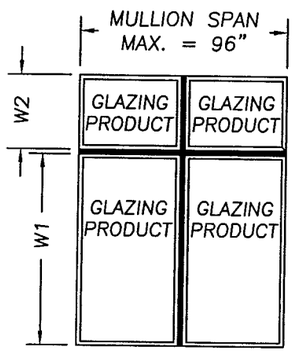
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-5.dwg, Model

SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

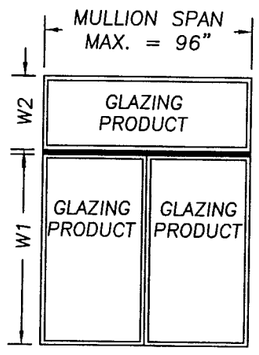
WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	75"
96"	37.79	36.34	34.99	33.74	32.58	31.49	30.48	29.52	28.63	27.79	26.99	26.24	25.19
92"	42.94	41.28	39.76	38.34	37.01	35.78	34.63	33.54	32.53	31.57	30.67	29.82	28.62
88"	49.06	47.17	45.43	43.80	42.29	40.88	39.57	38.33	37.17	36.07	35.04	34.07	32.71
86"	52.56	50.54	48.67	46.93	45.31	43.80	42.39	41.07	39.82	38.65	37.55	36.50	35.04
84"	56.41	54.24	52.23	50.36	48.63	47.01	45.49	44.07	42.73	41.48	40.29	39.17	37.61
80"	64.28	61.81	59.52	57.39	55.42	53.57	51.84	50.22	48.70	47.27	45.92	44.64	42.85
76"	71.23	68.49	65.95	63.59	61.40	59.36	57.44	55.65	53.96	52.37	50.88	49.46	47.48
72"	79.36	76.31	73.48	70.86	68.41	66.13	64.00	62.00	60.12	58.35	56.69	55.11	52.91
68"	88.97	85.55	82.38	79.44	76.70	74.14	71.75	69.51	67.40	65.42	63.55	61.79	59.31
64"	100.44	96.58	93.00	89.68	86.59	83.70	81.00	78.47	76.09	73.85	71.74	69.75	66.96
60"	114.28	109.88	105.81	102.03	98.52	95.23	92.16	89.28	86.57	84.03	81.63	79.36	76.19
56"	127.54	122.64	118.10	113.88	109.95	106.29	102.86	99.64	96.62	93.78	91.10	88.57	85.03
52"	137.35	132.07	127.18	122.64	118.41	114.46	110.77	107.31	104.06	101.00	98.11	95.38	91.57
48"	148.80	143.08	137.78	132.86	128.28	124.00	120.00	116.25	112.73	109.41	106.29	103.33	99.20
46"	155.27	149.30	143.77	138.63	133.85	129.39	125.22	121.30	117.63	114.17	110.91	107.83	103.51
44"	162.33	156.08	150.30	144.94	139.94	135.27	130.91	126.82	122.98	119.36	115.95	112.73	108.22
42"	170.06	163.52	157.46	151.84	146.60	141.71	137.14	132.86	128.83	125.04	121.47	118.10	113.37
40"	178.56	171.69	165.33	159.43	153.93	148.80	144.00	139.50	135.27	131.29	127.54	124.00	119.04
38"	187.96	180.73	174.04	167.82	162.03	156.63	151.58	146.84	142.39	138.20	134.26	130.53	125.31
36"	198.40	190.77	183.70	177.14	171.03	165.33	160.00	155.00	150.30	145.88	141.71	137.78	132.27
34"	200.00	200.00	194.51	187.56	181.10	175.06	169.41	164.12	159.14	154.46	150.05	145.88	140.05
32"	200.00	200.00	200.00	199.29	192.41	186.00	180.00	174.38	169.09	164.12	159.43	155.00	148.80
30"	200.00	200.00	200.00	200.00	200.00	198.40	192.00	186.00	180.36	175.06	170.06	165.33	158.72
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.29	193.25	187.56	182.20	177.14	170.06
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.22	190.77	183.14
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	198.40



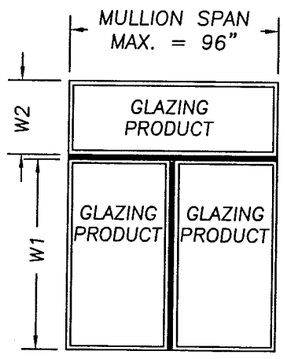
TWIN TRANSOMS MULLED OVER TWINS



MULLED TRANSOM SINGLES
MULLED OVER MULLED SINGLES



TRANSOM MULLED OVER TWINS



TRANSOM MULLED OVER MULLED SINGLES

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 6 OF 16

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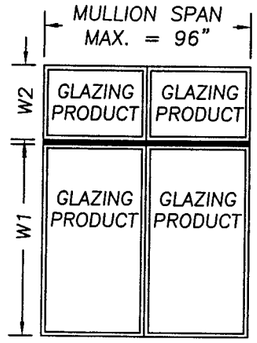
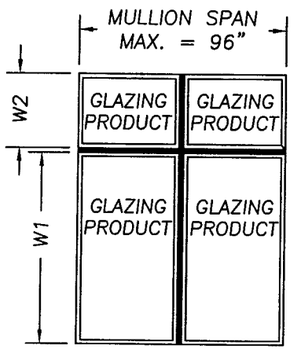
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-6.dwg, Model



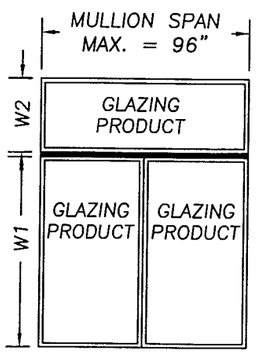
TWIN TRANSOMS MULLED OVER TWINS



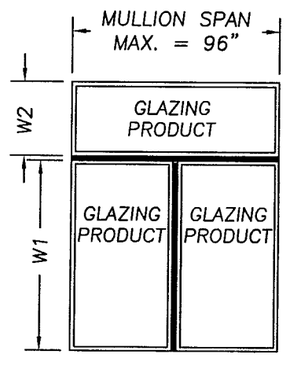
MULLED TRANSOM SINGLES
MULLED OVER MULLED SINGLES

SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	75"
96"	37.79	36.34	34.99	33.74	32.58	31.49	30.48	29.52	28.63	27.79	26.99	26.24	25.19
92"	42.94	41.28	39.76	38.34	37.01	35.78	34.63	33.54	32.53	31.57	30.67	29.82	28.62
88"	49.06	47.17	45.43	43.80	42.29	40.88	39.57	38.33	37.17	36.07	35.04	34.07	32.71
86"	52.56	50.54	48.67	46.93	45.31	43.80	42.39	41.07	39.82	38.65	37.55	36.50	35.04
84"	56.41	54.24	52.23	50.36	48.63	47.01	45.49	44.07	42.73	41.48	40.29	39.17	37.61
80"	64.28	61.81	59.52	57.39	55.42	53.57	51.84	50.22	48.70	47.27	45.92	44.64	42.85
76"	71.23	68.49	65.95	63.59	61.40	59.36	57.44	55.65	53.96	52.37	50.88	49.46	47.48
72"	79.36	76.31	73.48	70.86	68.41	66.13	64.00	62.00	60.12	58.35	56.69	55.11	52.91
68"	88.97	85.55	82.38	79.44	76.70	74.14	71.75	69.51	67.40	65.42	63.55	61.79	59.31
64"	100.44	96.58	93.00	89.68	86.59	83.70	81.00	78.47	76.09	73.85	71.74	69.75	66.96
60"	114.28	109.88	105.81	102.03	98.52	95.23	92.16	89.28	86.57	84.03	81.63	79.36	76.19
56"	131.19	126.14	121.47	117.13	113.09	109.32	105.80	102.49	99.38	96.46	93.70	91.10	87.46
52"	152.15	146.29	140.88	135.84	131.16	126.79	122.70	118.86	115.26	111.87	108.68	105.66	101.43
48"	169.92	163.38	157.33	151.71	146.48	141.60	137.03	132.75	128.73	124.94	121.37	118.00	113.28
46"	177.31	170.49	164.17	158.31	152.85	147.76	142.99	138.52	134.32	130.37	126.65	123.13	118.21
44"	185.37	178.24	171.64	165.51	159.80	154.47	149.49	144.82	140.43	136.30	132.41	128.73	123.58
42"	194.19	186.73	179.81	173.39	167.41	161.83	156.61	151.71	147.12	142.79	138.71	134.86	129.46
40"	200.00	196.06	188.80	182.06	175.78	169.92	164.44	159.30	154.47	149.93	145.65	141.60	135.94
38"	200.00	200.00	198.74	191.64	185.03	178.86	173.09	167.68	162.60	157.82	153.31	149.05	143.09
36"	200.00	200.00	200.00	200.00	195.31	188.80	182.71	177.00	171.64	166.59	161.83	157.33	151.04
34"	200.00	200.00	200.00	200.00	200.00	199.91	193.46	187.41	181.73	176.39	171.35	166.59	159.92
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.13	193.09	187.41	182.06	177.00	169.92
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.91	194.19	188.80	181.25
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	194.19
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00



TRANSOM MULLED OVER TWINS



TRANSOM MULLED OVER MULLED SINGLES

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409
4/25/07

PRODUCT: HORIZONTAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 7 OF 16

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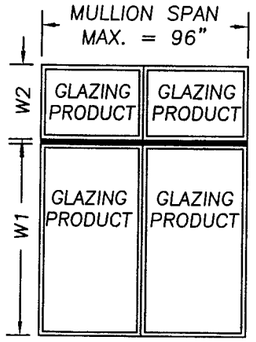
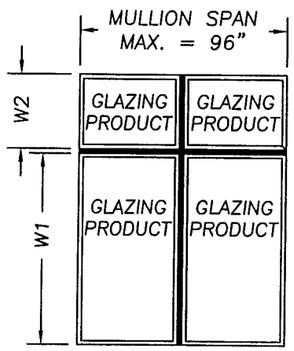
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-7.dwg, Model

SCHUCO 2" x 6" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

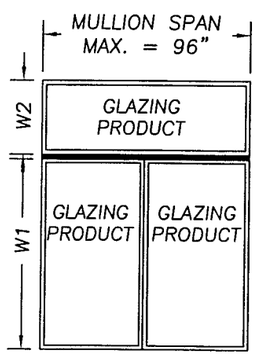
WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	75"
96"	74.40	71.54	68.89	66.43	64.14	62.00	60.00	58.13	56.36	54.71	53.14	51.67	49.60
92"	77.63	74.65	71.88	69.32	66.93	64.70	62.61	60.65	58.81	57.08	55.45	53.91	51.76
88"	81.16	78.04	75.15	72.47	69.97	67.64	65.45	63.41	61.49	59.68	57.97	56.36	54.11
86"	83.05	79.86	76.90	74.15	71.60	69.21	66.98	64.88	62.92	61.07	59.32	57.67	55.37
84"	85.03	81.76	78.73	75.92	73.30	70.86	68.57	66.43	64.42	62.52	60.73	59.05	56.69
80"	89.28	85.85	82.67	79.71	76.97	74.40	72.00	69.75	67.64	65.65	63.77	62.00	59.52
76"	93.98	90.36	87.02	83.91	81.02	78.32	75.79	73.42	71.20	69.10	67.13	65.26	62.65
72"	99.20	95.38	91.85	88.57	85.52	82.67	80.00	77.50	75.15	72.94	70.86	68.89	66.13
68"	105.04	101.00	97.25	93.78	90.55	87.53	84.71	82.06	79.57	77.23	75.03	72.94	70.02
64"	111.60	107.31	103.33	99.64	96.21	93.00	90.00	87.19	84.55	82.06	79.71	77.50	74.40
60"	119.04	114.46	110.22	106.29	102.62	99.20	96.00	93.00	90.18	87.53	85.03	82.67	79.36
56"	127.54	122.64	118.10	113.88	109.95	106.29	102.86	99.64	96.62	93.78	91.10	88.57	85.03
52"	137.35	132.07	127.18	122.64	118.41	114.46	110.77	107.31	104.06	101.00	98.11	95.38	91.57
48"	148.80	143.08	137.78	132.86	128.28	124.00	120.00	116.25	112.73	109.41	106.29	103.33	99.20
46"	155.27	149.30	143.77	138.63	133.85	129.39	125.22	121.30	117.63	114.17	110.91	107.83	103.51
44"	162.33	156.08	150.30	144.94	139.94	135.27	130.91	126.82	122.98	119.36	115.95	112.73	108.22
42"	170.06	163.52	157.46	151.84	146.60	141.71	137.14	132.86	128.83	125.04	121.47	118.10	113.37
40"	178.56	171.69	165.33	159.43	153.93	148.80	144.00	139.50	135.27	131.29	127.54	124.00	119.04
38"	187.96	180.73	174.04	167.82	162.03	156.63	151.58	146.84	142.39	138.20	134.26	130.53	125.31
36"	198.40	190.77	183.70	177.14	171.03	165.33	160.00	155.00	150.30	145.88	141.71	137.78	132.27
34"	200.00	200.00	194.51	187.56	181.10	175.06	169.41	164.12	159.14	154.46	150.05	145.88	140.05
32"	200.00	200.00	200.00	199.29	192.41	186.00	180.00	174.38	169.09	164.12	159.43	155.00	148.80
30"	200.00	200.00	200.00	200.00	200.00	198.40	192.00	186.00	180.36	175.06	170.06	165.33	158.72
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.29	193.25	187.56	182.20	177.14	170.06
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.22	190.77	183.14
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	198.40



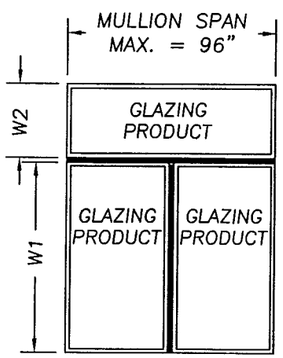
TWIN TRANSOMS MULLED OVER TWINS



MULLED TRANSOM SINGLES
MULLED OVER MULLED SINGLES



TRANSOM MULLED OVER TWINS



TRANSOM MULLED OVER MULLED SINGLES

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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

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.
2. 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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
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Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 8 OF 16

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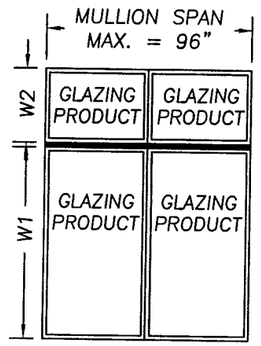
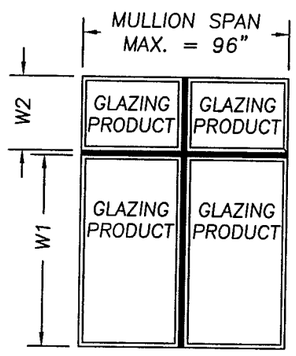
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-8.dwg, Model



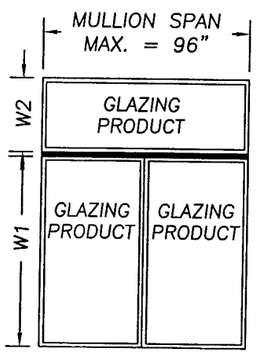
TWIN TRANSOMS MULLED OVER TWINS



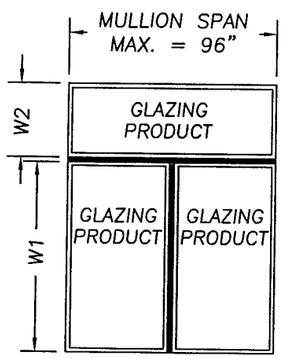
MULLED TRANSOM SINGLES
MULLED OVER MULLED SINGLES

SCHUCO 2" x 6" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	75"
96"	82.75	79.57	76.62	73.88	71.34	68.96	66.73	64.65	62.69	60.85	59.11	57.47	55.17
92"	88.65	85.24	82.09	79.16	76.43	73.88	71.50	69.26	67.16	65.19	63.32	61.57	59.10
88"	92.68	89.12	85.82	82.75	79.90	77.24	74.74	72.41	70.21	68.15	66.20	64.36	61.79
86"	94.84	91.19	87.81	84.68	81.76	79.03	76.48	74.09	71.85	69.73	67.74	65.86	63.23
84"	97.10	93.36	89.90	86.69	83.70	80.91	78.30	75.86	73.56	71.39	69.36	67.43	64.73
80"	101.95	98.03	94.40	91.03	87.89	84.96	82.22	79.65	77.24	74.96	72.82	70.80	67.97
76"	107.32	103.19	99.37	95.82	92.52	89.43	86.55	83.84	81.30	78.91	76.66	74.53	71.55
72"	113.28	108.92	104.89	101.14	97.66	94.40	91.35	88.50	85.82	83.29	80.91	78.67	75.52
68"	119.94	115.33	111.06	107.09	103.40	99.95	96.73	93.71	90.87	88.19	85.67	83.29	79.96
64"	127.44	122.54	118.00	113.79	109.86	106.20	102.77	99.56	96.55	93.71	91.03	88.50	84.96
60"	135.94	130.71	125.87	121.37	117.19	113.28	109.63	106.20	102.98	99.95	97.10	94.40	90.62
56"	145.65	140.04	134.86	130.04	125.56	121.37	117.46	113.79	110.34	107.09	104.03	101.14	97.10
52"	156.85	150.82	145.23	140.04	135.21	130.71	126.49	122.54	118.83	115.33	112.04	108.92	104.57
48"	169.92	163.38	157.33	151.71	146.48	141.60	137.03	132.75	128.73	124.94	121.37	118.00	113.28
46"	177.31	170.49	164.17	158.31	152.85	147.76	142.99	138.52	134.32	130.37	126.65	123.13	118.21
44"	185.37	178.24	171.64	165.51	159.80	154.47	149.49	144.82	140.43	136.30	132.41	128.73	123.58
42"	194.19	186.73	179.81	173.39	167.41	161.83	156.61	151.71	147.12	142.79	138.71	134.86	129.46
40"	200.00	196.06	188.80	182.06	175.78	169.92	164.44	159.30	154.47	149.93	145.65	141.60	135.94
38"	200.00	200.00	198.74	191.64	185.03	178.86	173.09	167.68	162.60	157.82	153.31	149.05	143.09
36"	200.00	200.00	200.00	200.00	195.31	188.80	182.71	177.00	171.64	166.59	161.83	157.33	151.04
34"	200.00	200.00	200.00	200.00	200.00	199.91	193.46	187.41	181.73	176.39	171.35	166.59	159.92
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.13	193.09	187.41	182.06	177.00	169.92
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.91	194.19	188.80	181.25
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	194.19
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00



TRANSOM MULLED OVER TWINS



TRANSOM MULLED OVER MULLED SINGLES

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami-Dade Product Control
Division
By Manuel Perez

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

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: HORIZONTAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 9 OF 16

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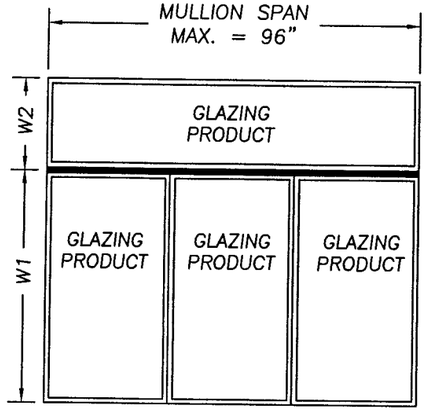
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-9.dwg, Model

SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50.0"	52.0"	54.0"	56.0"	58.0"	60.0"	62.0"	64.0"	66.0"	68.0"	70.0"	72.0"	74.5"
96"	29.46	28.33	27.28	26.31	25.40	24.55	23.76	23.02	22.32	21.66	21.05	20.46	19.77
92"	33.48	32.19	31.00	29.89	28.86	27.90	27.00	26.15	25.36	24.61	23.91	23.25	22.47
88"	38.25	36.78	35.42	34.15	32.98	31.88	30.85	29.88	28.98	28.13	27.32	26.56	25.67
84"	43.98	42.29	40.72	39.27	37.91	36.65	35.47	34.36	33.32	32.34	31.41	30.54	29.52
80"	50.91	48.95	47.14	45.46	43.89	42.43	41.06	39.78	38.57	37.44	36.37	35.36	34.17
76"	59.38	57.10	54.98	53.02	51.19	49.48	47.89	46.39	44.99	43.66	42.42	41.24	39.85
72"	68.66	66.02	63.57	61.30	59.19	57.22	55.37	53.64	52.02	50.49	49.04	47.68	46.08
68"	76.98	74.01	71.27	68.73	66.36	64.15	62.08	60.14	58.31	56.60	54.98	53.46	51.66
64"	86.90	83.56	80.46	77.59	74.91	72.41	70.08	67.89	65.83	63.90	62.07	60.35	58.32
60"	98.87	95.07	91.55	88.28	85.23	82.39	79.73	77.24	74.90	72.70	70.62	68.66	66.36
56"	113.50	109.13	105.09	101.34	97.84	94.58	91.53	88.67	85.98	83.46	81.07	78.82	76.17
52"	131.63	126.57	121.88	117.53	113.48	109.69	106.16	102.84	99.72	96.79	94.02	91.41	88.34
50"	142.37	136.90	131.83	127.12	122.74	118.64	114.82	111.23	107.86	104.69	101.70	98.87	95.55
48"	148.80	143.08	137.78	132.86	128.28	124.00	120.00	116.25	112.73	109.41	106.29	103.33	99.87
46"	155.27	149.30	143.77	138.63	133.85	129.39	125.22	121.30	117.63	114.17	110.91	107.83	104.21
44"	162.33	156.08	150.30	144.94	139.94	135.27	130.91	126.82	122.98	119.36	115.95	112.73	108.94
42"	170.06	163.52	157.46	151.84	146.60	141.71	137.14	132.86	128.83	125.04	121.47	118.10	114.13
40"	178.56	171.69	165.33	159.43	153.93	148.80	144.00	139.50	135.27	131.29	127.54	124.00	119.84
38"	187.96	180.73	174.04	167.82	162.03	156.63	151.58	146.84	142.39	138.20	134.26	130.53	126.15
36"	198.40	190.77	183.70	177.14	171.03	165.33	160.00	155.00	150.30	145.88	141.71	137.78	133.15
34"	200.00	200.00	194.51	187.56	181.10	175.06	169.41	164.12	159.14	154.46	150.05	145.88	140.99
32"	200.00	200.00	200.00	199.29	192.41	186.00	180.00	174.38	169.09	164.12	159.43	155.00	149.80
30"	200.00	200.00	200.00	200.00	200.00	198.40	192.00	186.00	180.36	175.06	170.06	165.33	159.79
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.29	193.25	187.56	182.20	177.14	171.20
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.22	190.77	184.37
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.73



TRANSOM MULLED OVER TRIPLES
HORIZONTAL MULLION CONFIGURATION

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

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
4/25/07
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: DUAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 10 OF 16

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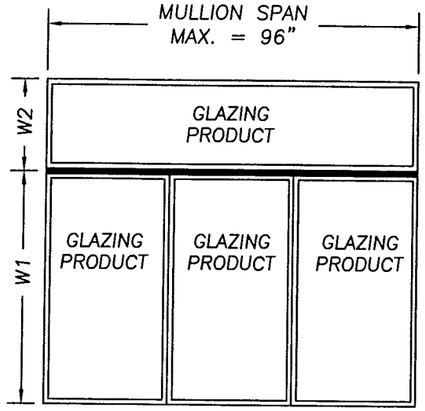

TRANSOM MULLED OVER TRIPLES
HORIZONTAL MULLION CONFIGURATION

SCHUCO 2" x 4" x 1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50.0"	52.0"	54.0"	56.0"	58.0"	60.0"	62.0"	64.0"	66.0"	68.0"	70.0"	72.0"	74.5"
96"	29.46	28.33	27.28	26.31	25.40	24.55	23.76	23.02	22.32	21.66	21.05	20.46	19.77
92"	33.48	32.19	31.00	29.89	28.86	27.90	27.00	26.15	25.36	24.61	23.91	23.25	22.47
88"	38.25	36.78	35.42	34.15	32.98	31.88	30.85	29.88	28.98	28.13	27.32	26.56	25.67
84"	43.98	42.29	40.72	39.27	37.91	36.65	35.47	34.36	33.32	32.34	31.41	30.54	29.52
80"	50.91	48.95	47.14	45.46	43.89	42.43	41.06	39.78	38.57	37.44	36.37	35.36	34.17
76"	59.38	57.10	54.98	53.02	51.19	49.48	47.89	46.39	44.99	43.66	42.42	41.24	39.85
72"	68.66	66.02	63.57	61.30	59.19	57.22	55.37	53.64	52.02	50.49	49.04	47.68	46.08
68"	76.98	74.01	71.27	68.73	66.36	64.15	62.08	60.14	58.31	56.60	54.98	53.46	51.66
64"	86.90	83.56	80.46	77.59	74.91	72.41	70.08	67.89	65.83	63.90	62.07	60.35	58.32
60"	98.87	95.07	91.55	88.28	85.23	82.39	79.73	77.24	74.90	72.70	70.62	68.66	66.36
56"	113.50	109.13	105.09	101.34	97.84	94.58	91.53	88.67	85.98	83.46	81.07	78.82	76.17
52"	131.63	126.57	121.88	117.53	113.48	109.69	106.16	102.84	99.72	96.79	94.02	91.41	88.34
50"	142.37	136.90	131.83	127.12	122.74	118.64	114.82	111.23	107.86	104.69	101.70	98.87	95.55
48"	154.49	148.54	143.04	137.93	133.18	128.74	124.58	120.69	117.03	113.59	110.35	107.28	103.68
46"	168.21	161.74	155.75	150.19	145.01	140.18	135.65	131.41	127.43	123.68	120.15	116.81	112.89
44"	183.85	176.78	170.23	164.15	158.49	153.21	148.27	143.63	139.28	135.18	131.32	127.67	123.39
42"	194.19	186.73	179.81	173.39	167.41	161.83	156.61	151.71	147.12	142.79	138.71	134.86	130.33
40"	200.00	196.06	188.80	182.06	175.78	169.92	164.44	159.30	154.47	149.93	145.65	141.60	136.85
38"	200.00	200.00	198.74	191.64	185.03	178.86	173.09	167.68	162.60	157.82	153.31	149.05	144.05
36"	200.00	200.00	200.00	200.00	195.31	188.80	182.71	177.00	171.64	166.59	161.83	157.33	152.05
34"	200.00	200.00	200.00	200.00	200.00	199.91	193.46	187.41	181.73	176.39	171.35	166.59	161.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.13	193.09	187.41	182.06	177.00	171.06
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.91	194.19	188.80	182.46
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	195.50
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: DUAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

REVISIONS

NO.	DATE		BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 11 OF 16

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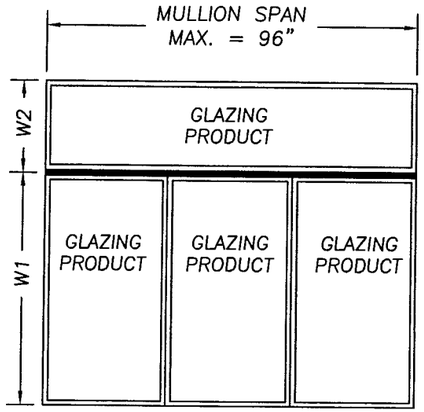
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-11.dwg, Model

SCHUCO 2"x6"x1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50.0"	52.0"	54.0"	56.0"	58.0"	60.0"	62.0"	64.0"	66.0"	68.0"	70.0"	72.0"	74.5"
96"	71.59	68.84	66.29	63.92	61.72	59.66	57.74	55.93	54.24	52.64	51.14	49.72	48.05
92"	77.63	74.65	71.88	69.32	66.93	64.70	62.61	60.65	58.81	57.08	55.45	53.91	52.10
88"	81.16	78.04	75.15	72.47	69.97	67.64	65.45	63.41	61.49	59.68	57.97	56.36	54.47
84"	85.03	81.76	78.73	75.92	73.30	70.86	68.57	66.43	64.42	62.52	60.73	59.05	57.07
80"	89.28	85.85	82.67	79.71	76.97	74.40	72.00	69.75	67.64	65.65	63.77	62.00	59.92
76"	93.98	90.36	87.02	83.91	81.02	78.32	75.79	73.42	71.20	69.10	67.13	65.26	63.07
72"	99.20	95.38	91.85	88.57	85.52	82.67	80.00	77.50	75.15	72.94	70.86	68.89	66.58
68"	105.04	101.00	97.25	93.78	90.55	87.53	84.71	82.06	79.57	77.23	75.03	72.94	70.49
64"	111.60	107.31	103.33	99.64	96.21	93.00	90.00	87.19	84.55	82.06	79.71	77.50	74.90
60"	119.04	114.46	110.22	106.29	102.62	99.20	96.00	93.00	90.18	87.53	85.03	82.67	79.89
56"	127.54	122.64	118.10	113.88	109.95	106.29	102.86	99.64	96.62	93.78	91.10	88.57	85.60
52"	137.35	132.07	127.18	122.64	118.41	114.46	110.77	107.31	104.06	101.00	98.11	95.38	92.18
50"	142.85	137.35	132.27	127.54	123.14	119.04	115.20	111.60	108.22	105.04	102.03	99.20	95.87
48"	148.80	143.08	137.78	132.86	128.28	124.00	120.00	116.25	112.73	109.41	106.29	103.33	99.87
46"	155.27	149.30	143.77	138.63	133.85	129.39	125.22	121.30	117.63	114.17	110.91	107.83	104.21
44"	162.33	156.08	150.30	144.94	139.94	135.27	130.91	126.82	122.98	119.36	115.95	112.73	108.94
42"	170.06	163.52	157.46	151.84	146.60	141.71	137.14	132.86	128.83	125.04	121.47	118.10	114.13
40"	178.56	171.69	165.33	159.43	153.93	148.80	144.00	139.50	135.27	131.29	127.54	124.00	119.84
38"	187.96	180.73	174.04	167.82	162.03	156.63	151.58	146.84	142.39	138.20	134.26	130.53	126.15
36"	198.40	190.77	183.70	177.14	171.03	165.33	160.00	155.00	150.30	145.88	141.71	137.78	133.15
34"	200.00	200.00	194.51	187.56	181.10	175.06	169.41	164.12	159.14	154.46	150.05	145.88	140.99
32"	200.00	200.00	200.00	199.29	192.41	186.00	180.00	174.38	169.09	164.12	159.43	155.00	149.80
30"	200.00	200.00	200.00	200.00	200.00	198.40	192.00	186.00	180.36	175.06	170.06	165.33	159.79
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.29	193.25	187.56	182.20	177.14	171.20
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	196.22	190.77	184.37
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.73



TRANSOM MULLED OVER TRIPLES
HORIZONTAL MULLION CONFIGURATION

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

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami-Dade Product Control Division
By Manuel Perez

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R W 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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: DUAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 12 OF 16

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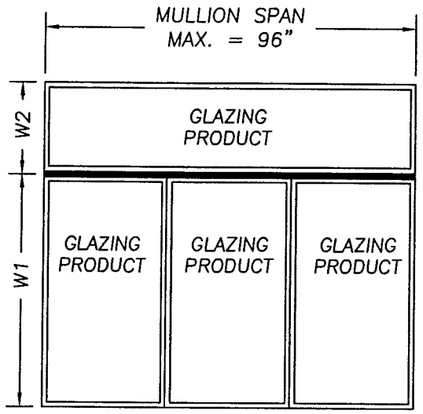
R:\A - Projects\Project Folders\Proj 801 - 900\pf806\S-2688-REV2\S-2688-12.dwg, Model



TRANSOM MULLED OVER TRIPLES
HORIZONTAL MULLION CONFIGURATION

SCHUCO 2"x6"x1/8" WALL STRUCTURAL TUBE TRANSOM MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	50.0"	52.0"	54.0"	56.0"	58.0"	60.0"	62.0"	64.0"	66.0"	68.0"	70.0"	72.0"	74.5"
96"	71.59	68.84	66.29	63.92	61.72	59.66	57.74	55.93	54.24	52.64	51.14	49.72	48.05
92"	77.95	74.96	72.18	69.60	67.20	64.96	62.87	60.90	59.06	57.32	55.68	54.13	52.32
88"	85.20	81.92	78.89	76.07	73.45	71.00	68.71	66.56	64.55	62.65	60.86	59.17	57.18
84"	93.51	89.91	86.58	83.49	80.61	77.92	75.41	73.05	70.84	68.76	66.79	64.94	62.76
80"	101.95	98.03	94.40	91.03	87.89	84.96	82.22	79.65	77.24	74.96	72.82	70.80	68.42
76"	107.32	103.19	99.37	95.82	92.52	89.43	86.55	83.84	81.30	78.91	76.66	74.53	72.03
72"	113.28	108.92	104.89	101.14	97.66	94.40	91.35	88.50	85.82	83.29	80.91	78.67	76.03
68"	119.94	115.33	111.06	107.09	103.40	99.95	96.73	93.71	90.87	88.19	85.67	83.29	80.50
64"	127.44	122.54	118.00	113.79	109.86	106.20	102.77	99.56	96.55	93.71	91.03	88.50	85.53
60"	135.94	130.71	125.87	121.37	117.19	113.28	109.63	106.20	102.98	99.95	97.10	94.40	91.23
56"	145.65	140.04	134.86	130.04	125.56	121.37	117.46	113.79	110.34	107.09	104.03	101.14	97.75
52"	156.85	150.82	145.23	140.04	135.21	130.71	126.49	122.54	118.83	115.33	112.04	108.92	105.27
50"	163.12	156.85	151.04	145.65	140.62	135.94	131.55	127.44	123.58	119.94	116.52	113.28	109.48
48"	169.92	163.38	157.33	151.71	146.48	141.60	137.03	132.75	128.73	124.94	121.37	118.00	114.04
46"	177.31	170.49	164.17	158.31	152.85	147.76	142.99	138.52	134.32	130.37	126.65	123.13	119.00
44"	185.37	178.24	171.64	165.51	159.80	154.47	149.49	144.82	140.43	136.30	132.41	128.73	124.41
42"	194.19	186.73	179.81	173.39	167.41	161.83	156.61	151.71	147.12	142.79	138.71	134.86	130.33
40"	200.00	196.06	188.80	182.06	175.78	169.92	164.44	159.30	154.47	149.93	145.65	141.60	136.85
38"	200.00	200.00	198.74	191.64	185.03	178.86	173.09	167.68	162.60	157.82	153.31	149.05	144.05
36"	200.00	200.00	200.00	200.00	195.31	188.80	182.71	177.00	171.64	166.59	161.83	157.33	152.05
34"	200.00	200.00	200.00	200.00	200.00	199.91	193.46	187.41	181.73	176.39	171.35	166.59	161.00
32"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.13	193.09	187.41	182.06	177.00	171.06
30"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	199.91	194.19	188.80	182.46
28"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	195.50
26"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
24"	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: DUAL "TEE" CONFIGURATION STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 13 OF 16

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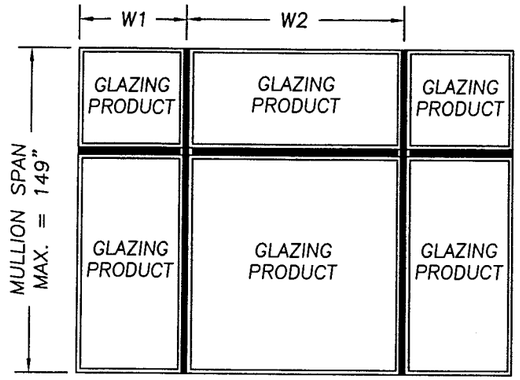
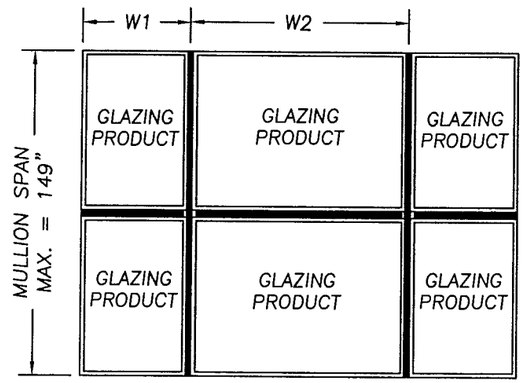
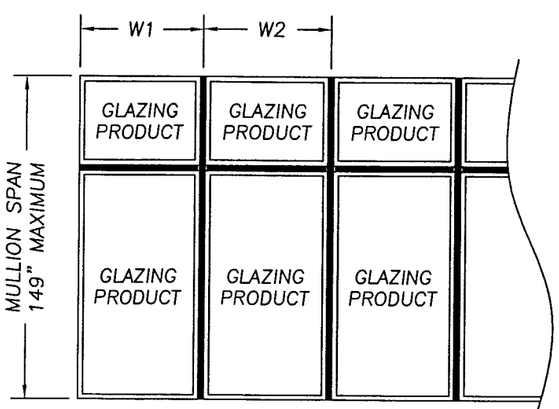


VERTICAL MULLION CONFIGURATION

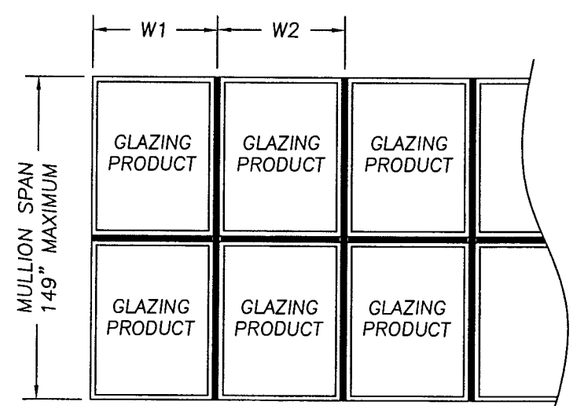


VERTICAL MULLION CONFIGURATION

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



VERTICAL MULLIONS IN A STOREFRONT CONFIGURATION



VERTICAL MULLIONS IN A STOREFRONT CONFIGURATION

SCHUCO 2" x 6" x 1/8" WALL STOREFRONT TUBE MULLION LOAD TABLE (PSF)

WOOD SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"	51"	62"
149"	50.19	46.84	43.92	41.33	39.04	36.98	35.13	33.46	31.94	30.55	29.28	27.56	22.67
145"	54.46	50.83	47.65	44.85	42.36	40.13	38.12	36.31	34.66	33.15	31.77	29.90	24.59
141"	59.23	55.28	51.82	48.78	46.07	43.64	41.46	39.49	37.69	36.05	34.55	32.52	26.75
137"	64.57	60.26	56.50	53.17	50.22	47.58	45.20	43.05	41.09	39.30	37.66	35.45	29.16
133"	70.57	65.87	61.75	58.12	54.89	52.00	49.40	47.05	44.91	42.96	41.17	38.74	31.87
129"	77.34	72.19	67.67	63.69	60.15	56.99	54.14	51.56	49.22	47.08	45.12	42.46	34.93
125"	85.01	79.34	74.38	70.01	66.12	62.64	59.50	56.67	54.09	51.74	49.59	46.67	38.39
121"	93.03	86.82	81.40	76.61	72.35	68.55	65.12	62.02	59.20	56.62	54.27	51.07	42.01
117"	99.50	92.86	87.06	81.94	77.39	73.31	69.65	66.33	63.32	60.56	58.04	54.62	44.93
113"	106.66	99.55	93.33	87.84	82.96	78.59	74.66	71.11	67.88	64.93	62.22	58.56	48.17
109"	114.64	106.99	100.31	94.41	89.16	84.47	80.25	76.42	72.95	69.78	66.87	62.94	51.77
105"	121.47	113.37	106.29	100.03	94.48	89.50	85.03	80.98	77.30	73.94	70.86	66.69	54.86
101"	126.28	117.86	110.50	104.00	98.22	93.05	88.40	84.19	80.36	76.87	73.66	69.33	57.03
97"	131.49	122.72	115.05	108.28	102.27	96.89	92.04	87.66	83.67	80.04	76.70	72.19	59.38
93"	137.14	128.00	120.00	112.94	106.67	101.05	96.00	91.43	87.27	83.48	80.00	75.29	61.94
89"	143.31	133.75	125.39	118.02	111.46	105.59	100.31	95.54	91.20	87.23	83.60	78.68	64.72
85"	150.05	140.05	131.29	123.57	116.71	110.56	105.04	100.03	95.49	91.34	87.53	82.38	67.76
81"	157.46	146.96	137.78	129.67	122.47	116.02	110.22	104.97	100.20	95.85	91.85	86.45	71.11
77"	165.64	154.60	144.94	136.41	128.83	122.05	115.95	110.43	105.41	100.82	96.62	90.94	74.81
75"	170.06	158.72	148.80	140.05	132.27	125.31	119.04	113.37	108.22	103.51	99.20	93.36	76.80
73"	174.72	163.07	152.88	143.88	135.89	128.74	122.30	116.48	111.18	106.35	101.92	95.92	78.90
71"	179.64	167.66	157.18	147.94	139.72	132.36	125.75	119.76	114.31	109.34	104.79	98.62	81.13
69"	184.84	172.52	161.74	152.23	143.77	136.20	129.39	123.23	117.63	112.51	107.83	101.48	83.48
67"	190.36	177.67	166.57	156.77	148.06	140.27	133.25	126.91	121.14	115.87	111.04	104.51	85.97
65"	196.22	183.14	171.69	161.59	152.62	144.58	137.35	130.81	124.87	119.44	114.46	107.73	88.62
63"	200.00	188.95	177.14	166.72	157.46	149.17	141.71	134.97	128.83	123.23	118.10	111.15	91.43

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
Lyndon, F. Schmidt, P.E. No. 43209

PRODUCT: VERTICAL STOREFRONT STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR WOOD SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 14 OF 16

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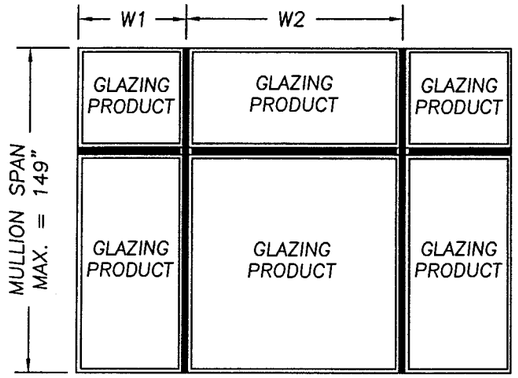
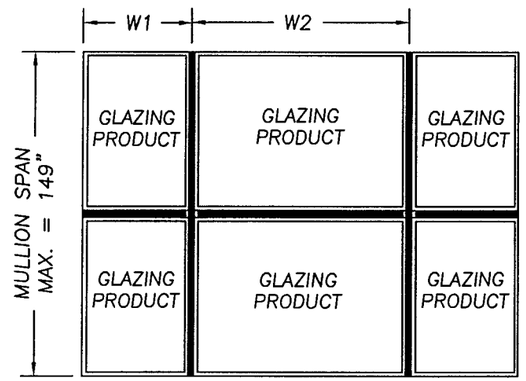
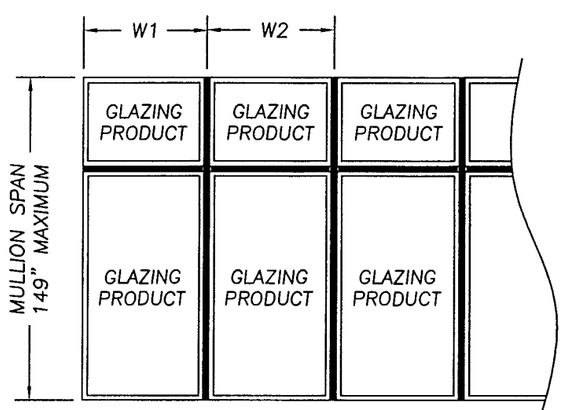


VERTICAL MULLION CONFIGURATION

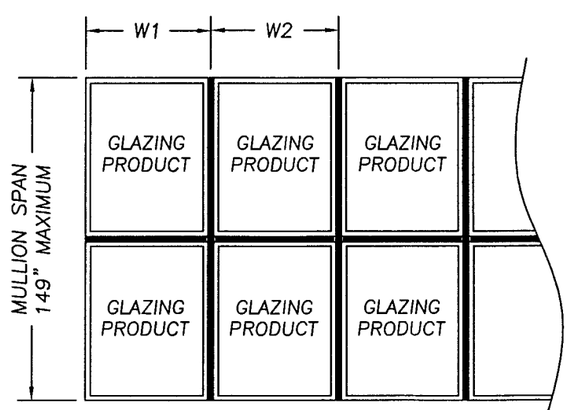


VERTICAL MULLION CONFIGURATION

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



VERTICAL MULLIONS IN A STOREFRONT CONFIGURATION



VERTICAL MULLIONS IN A STOREFRONT CONFIGURATION

SCHUCO 2" x 6" x 1/8" WALL STOREFRONT TUBE MULLION LOAD TABLE (PSF)

TAPCON SCREW ANCHORS	TRIBUTARY WIDTH												
MULLION SPAN	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"	51"	62"
149"	50.19	46.84	43.92	41.33	39.04	36.98	35.13	33.46	31.94	30.55	29.28	27.56	22.67
145"	54.46	50.83	47.65	44.85	42.36	40.13	38.12	36.31	34.66	33.15	31.77	29.90	24.59
141"	59.23	55.28	51.82	48.78	46.07	43.64	41.46	39.49	37.69	36.05	34.55	32.52	26.75
137"	64.57	60.26	56.50	53.17	50.22	47.58	45.20	43.05	41.09	39.30	37.66	35.45	29.16
133"	70.57	65.87	61.75	58.12	54.89	52.00	49.40	47.05	44.91	42.96	41.17	38.74	31.87
129"	77.34	72.19	67.67	63.69	60.15	56.99	54.14	51.56	49.22	47.08	45.12	42.46	34.93
125"	85.01	79.34	74.38	70.01	66.12	62.64	59.50	56.67	54.09	51.74	49.59	46.67	38.39
121"	93.03	86.82	81.40	76.61	72.35	68.55	65.12	62.02	59.20	56.62	54.27	51.07	42.01
117"	99.50	92.86	87.06	81.94	77.39	73.31	69.65	66.33	63.32	60.56	58.04	54.62	44.93
113"	106.66	99.55	93.33	87.84	82.96	78.59	74.66	71.11	67.88	64.93	62.22	58.56	48.17
109"	114.64	106.99	100.31	94.41	89.16	84.47	80.25	76.42	72.95	69.78	66.87	62.94	51.77
105"	123.54	115.30	108.09	101.74	96.08	91.03	86.48	82.36	78.61	75.20	72.06	67.82	55.79
101"	133.52	124.61	116.83	109.95	103.85	98.38	93.46	89.01	84.96	81.27	77.88	73.30	60.30
97"	144.75	135.10	126.66	119.21	112.59	106.66	101.33	96.50	92.12	88.11	84.44	79.47	65.37
93"	156.61	146.17	137.03	128.97	121.81	115.40	109.63	104.41	99.66	95.33	91.35	85.98	70.73
89"	163.65	152.74	143.19	134.77	127.28	120.58	114.55	109.10	104.14	99.61	95.46	89.85	73.91
85"	171.35	159.92	149.93	141.11	133.27	126.26	119.94	114.23	109.04	104.30	99.95	94.07	77.38
81"	179.81	167.82	157.33	148.08	139.85	132.49	125.87	119.87	114.42	109.45	104.89	98.72	81.20
77"	189.15	176.54	165.51	155.77	147.12	139.37	132.41	126.10	120.37	115.13	110.34	103.85	85.42
75"	194.19	181.25	169.92	159.92	151.04	143.09	135.94	129.46	123.58	118.21	113.28	106.62	87.70
73"	199.51	186.21	174.58	164.31	155.18	147.01	139.66	133.01	126.96	121.44	116.38	109.54	90.10
71"	200.00	191.46	179.49	168.93	159.55	151.15	143.59	136.76	130.54	124.86	119.66	112.62	92.64
69"	200.00	197.01	184.70	173.83	164.17	155.53	147.76	140.72	134.32	128.48	123.13	115.89	95.33
67"	200.00	200.00	190.21	179.02	169.07	160.18	152.17	144.92	138.33	132.32	126.81	119.35	98.17
65"	200.00	200.00	196.06	184.53	174.28	165.10	156.85	149.38	142.59	136.39	130.71	123.02	101.19
63"	200.00	200.00	200.00	190.39	179.81	170.35	161.83	154.12	147.12	140.72	134.86	126.92	104.41

Approved as complying with the Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control Division
By Manuel Perez

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.
4. FOR TRIBUTARY WIDTHS OR MULLION SPANS THAT FALL BETWEEN TABULATED VALUES, USE THE NEXT LARGER TABULATED SIZE.

Documents Prepared By:
R.W. 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
Lyndon, F. Schmidt, P.E. No. 43409

4/25/07

PRODUCT: VERTICAL STOREFRONT STRUCTURAL MULLION

PART OR ASSEMBLY: MULLION LOAD TABLE FOR CONCRETE SCREW ANCHORS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: WH
CHK. BY: LFS
DRAWING NO.: S-2688
SHEET 15 OF 16

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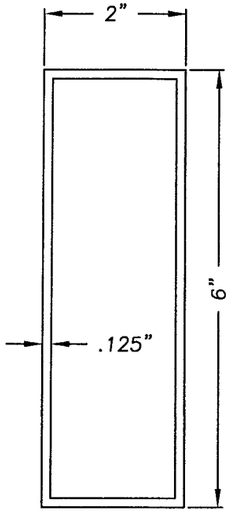
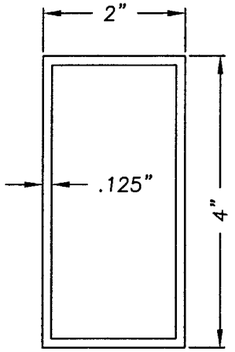
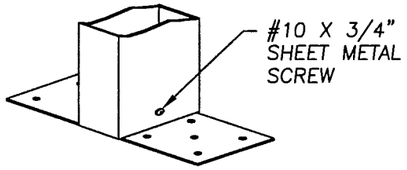


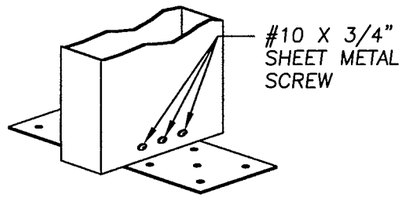
2" X 6" MULLION
MAT'L: 6063-T6



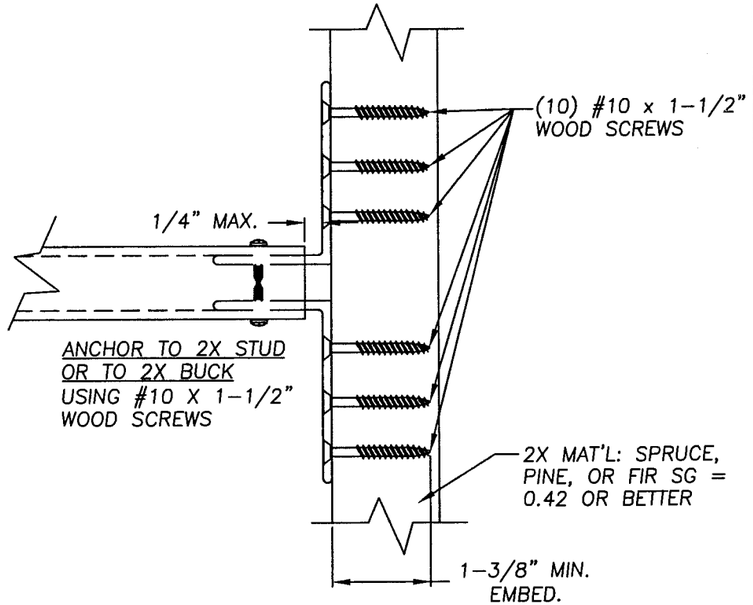
2" X 4" MULLION
MAT'L: 6063-T6



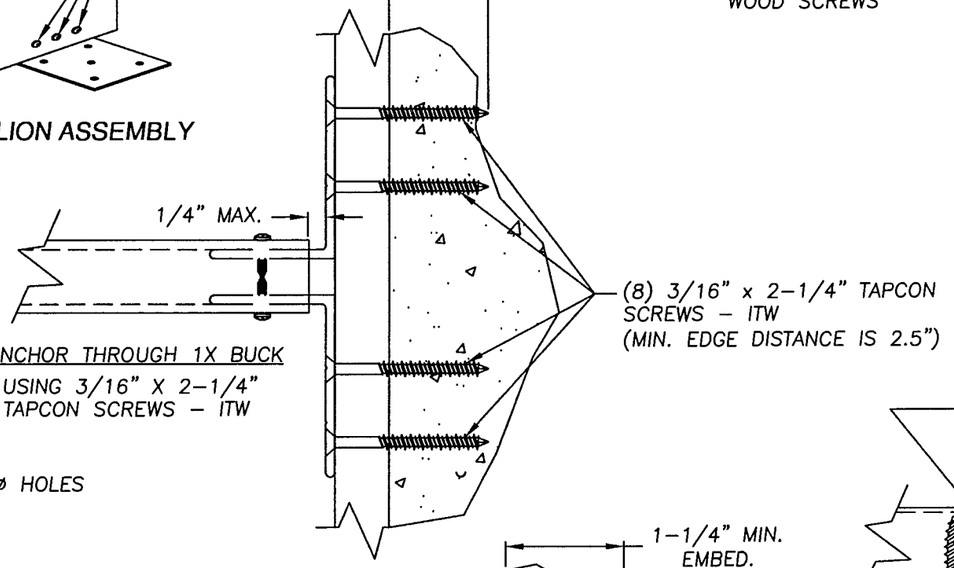
2" x 4" MULLION ASSEMBLY



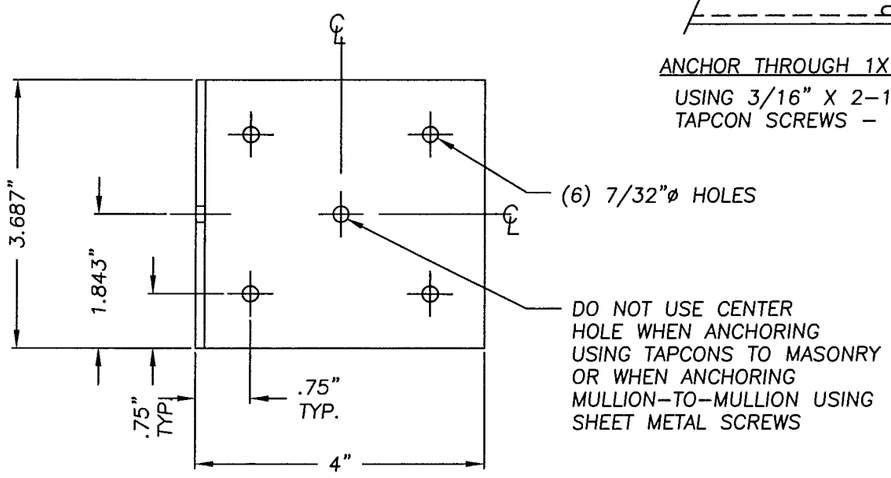
2" x 6" MULLION ASSEMBLY

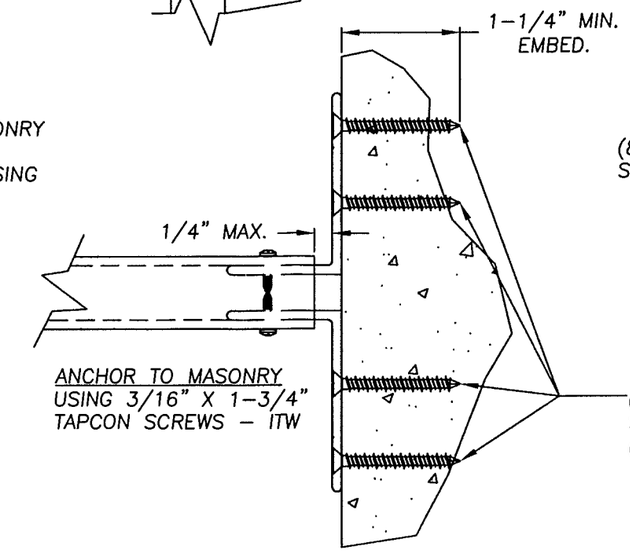


ANCHOR TO 2X STUD
OR TO 2X BUCK
USING #10 X 1-1/2"
WOOD SCREWS

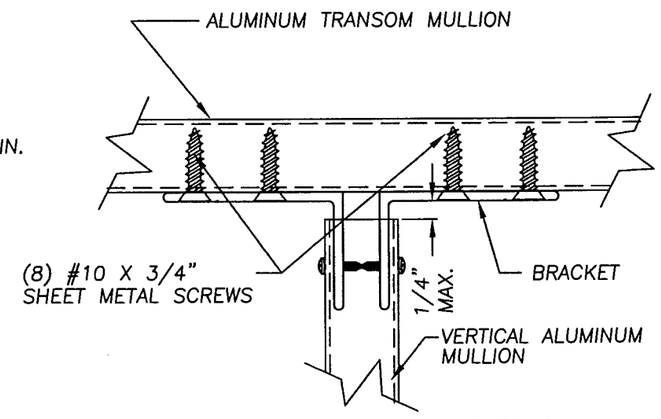


ANCHOR THROUGH 1X BUCK
USING 3/16" X 2-1/4"
TAPCON SCREWS - ITW

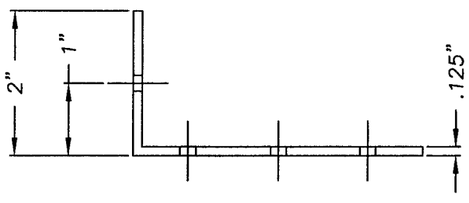




ANCHOR TO MASONRY
USING 3/16" X 1-3/4"
TAPCON SCREWS - ITW



MULLION TO MULLION ANCHORING



MULLION ANCHORING BRACKET
6063-T6 ALUMINUM

Approved as complying with the
Florida Building Code
Date JULY 19, 2007
NOA# 06-0612.05
Miami Dade Product Control
Division
By

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
Lyndon, F. Schmidt, P.E. No. 43409

PRODUCT: STRUCTURAL TUBE MULLION ANCHOR DETAILS AND SECTION DETAILS

PART OR ASSEMBLY: MULLION SECTION DIMENSIONS & ANCHORING DETAILS

NO.	DATE	REVISIONS	BY
2	4/20/07	ID TAPCON & ADD INSTRUCTION	WH
1	08/14/06	REVISE TABLE SHTS. 2, 3, 4 & 5	EW

DATE: 05/22/06
SCALE: NTS
DWG. BY: EW
CHG.. BY: LFS
DRAWING NO.: S-2688
SHEET 16 OF 16

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