



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**PGT Industries**  
**1070 Technology Drive**  
**Nokomis ,FL 34275**

Your application for Notice of Acceptance (NOA) of:

**2"x Std. Wall - Aluminum Tube Clipped Mullion**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0323.04**  
**EXPIRES: 06/28/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 06/28/2001**

PGT Industries

ACCEPTANCE No.: 01-0323.04

APPROVED : JUN 28 2001

EXPIRES : JUN 28 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

- 1.1 This approves a clipped mullion system, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1 The 2"x Std. Wall - Aluminum Tube Clipped Mullion and its components shall be constructed in strict compliance with the following documents: Drawing No 6622, Sheets 1 through 5 of 5, titled "2" Std. Wall Mullion Arrangement Detail", prepared by manufacturer, dated 4/28/00, signed and sealed by Robert L. Clark, 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. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 This approval applies to clipped structural mullions to be installed vertically or horizontally, as shown in the approved drawings.
- 3.2 For Design Pressure Rating vs. Mullion Length and Opening Width, for either 2x4x.125 (6 anchors) mullion or 2x6x.125 (6 anchors) mullion, see corresponding table in approved drawings.
- 3.3 Window sizes and design pressures are to be limited only to those appearing on charts referenced above and also listed in the individual window's Notice of Acceptance.

**4. INSTALLATION**

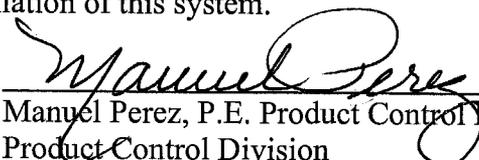
- 4.1 The clipped mullion system and its components shall be installed in strict compliance with the approved drawings.
- 4.2 This mullion can be installed as part of an impact resistant unit.

**5. LABELING**

- 5.1 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".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance, with mullion option indicated.
- 6.1.2 The Notice of Acceptance of each door and/or fixed lite attached to mullion.
- 6.1.3 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.4 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

PGT Industries

ACCEPTANCE No.: 01-0323.04

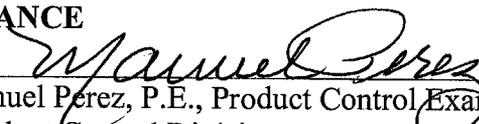
APPROVED : JUN 28 2001

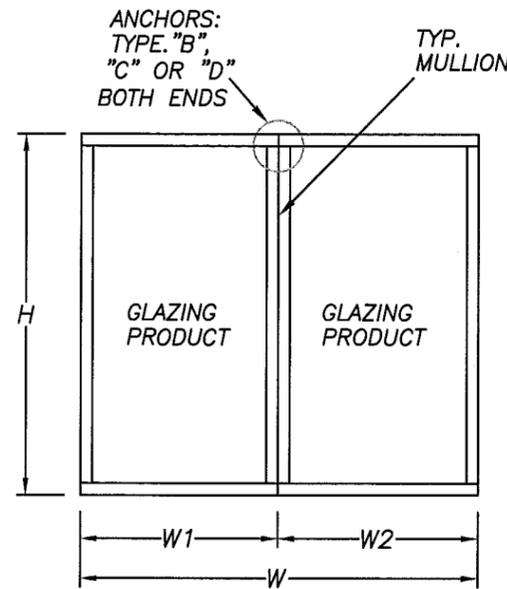
EXPIRES : JUN 28 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**

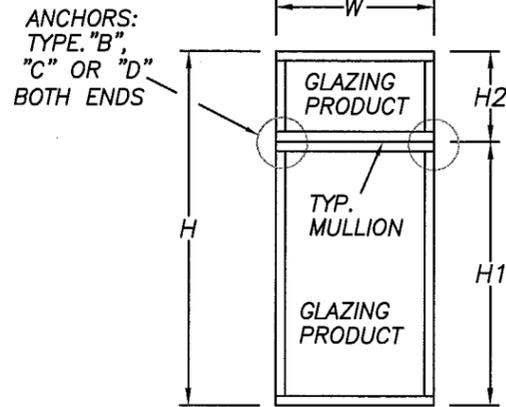
  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division



$$W = W1 + W2$$

**(2) WINDOWS MULLED TOGETHER**

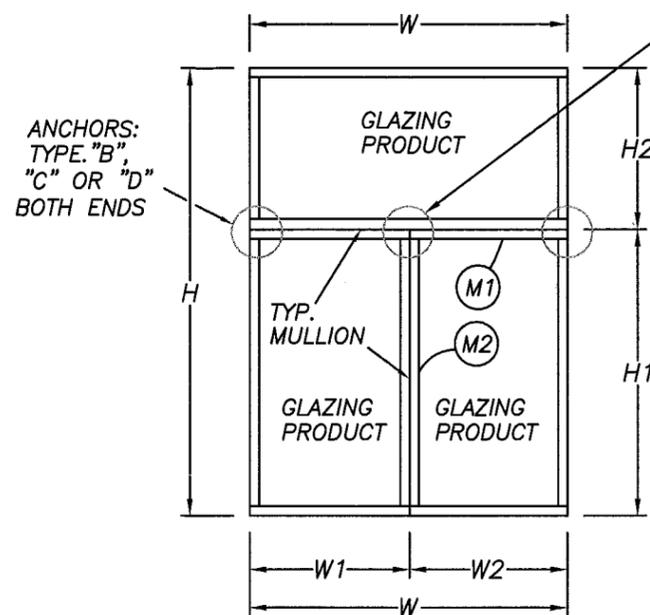
FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 OF 5  
 MAX OPENING = W OR W1+W2  
 MULL LENGTH = H



$$H = H1 + H2$$

**(1) WINDOW MULLED W/ONE ABOVE**

FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 OF 5  
 MAX OPENING = H OR H1+H2  
 MULL LENGTH = W

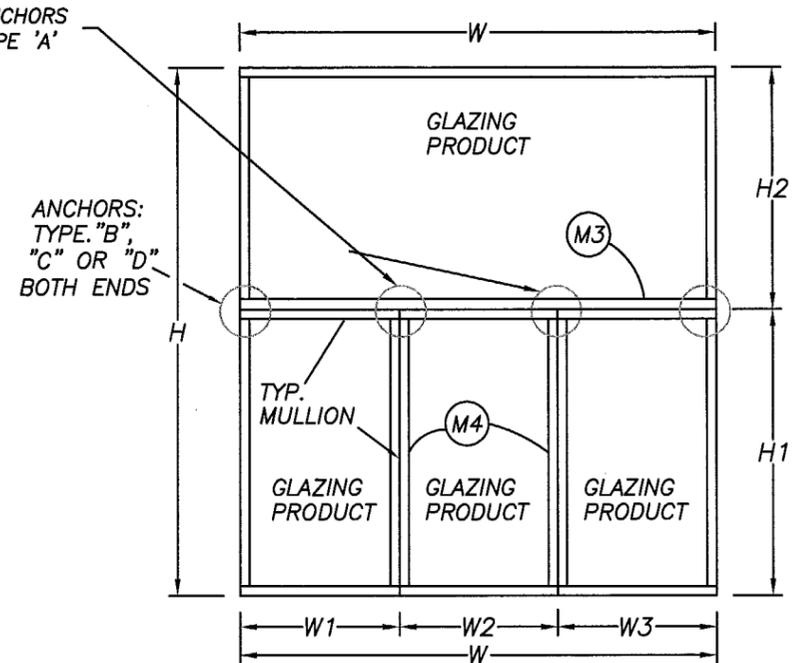


$$W = W1 + W2$$

$$H = H1 + H2$$

**(2) WINDOWS MULLED W/ONE ABOVE**

FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 OF 5  
 M1) MAX OPENING = H OR H1+H2  
 MULL LENGTH = W OR W1+W2  
 M2) MAX OPENING = W OR W1+W2  
 MULL LENGTH = H1



$$W = W1 + W2 + W3$$

$$H = H1 + H2$$

**MULTIPLE WINDOWS MULLED W/ONE ABOVE**

FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 OF 5  
 M3) MAX OPENING = H OR H1+H2  
 MULL LENGTH = W OR W1+W2+W3  
 M4) MAX OPENING = W1+W2 OR W2+W3  
 MULL LENGTH = H1

**NOTES:**

1. FOR ANCHORAGE TYPE, QUANTITY AND LOCATION REFER TO SHEETS 2, 3, AND 5
2. WINDOWS MAY BE MULLED TO A MAX. OF 5 UNITS
3. MULLIONS ARE APPROVED FOR IMPACT AND NON-IMPACT
4. REFERENCE TEST REPORT FTL-2902, 2903 AND 2975

*Robert L. Clark*  
 5/24/01  
 Robert L. Clark, P.E.  
 P.E. #39712  
 Structural

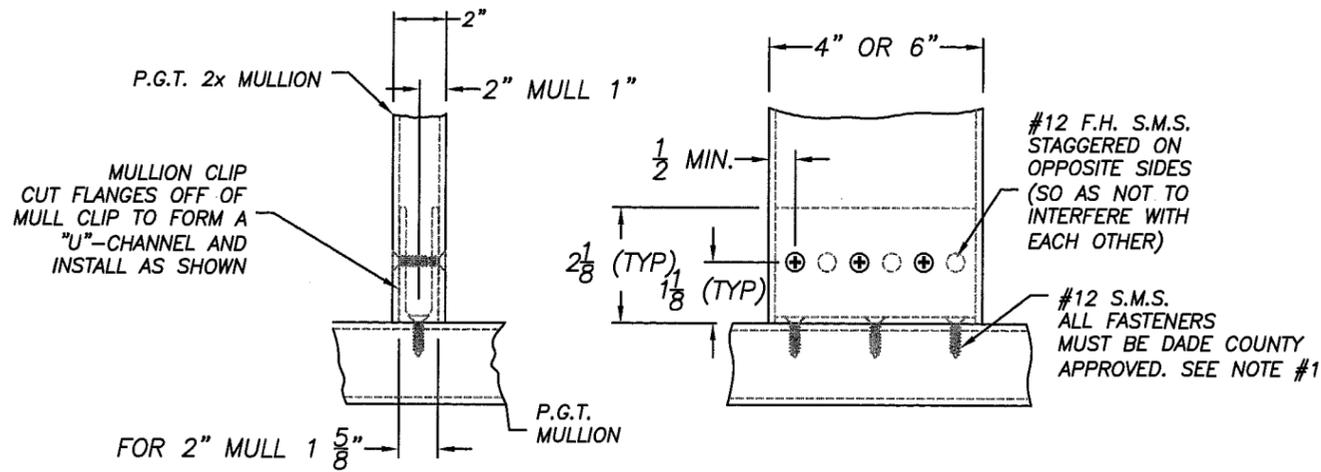


1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 Series/Model: MULLS Scale: 1x Sheet: 1 of 5 Drawing No. 6622

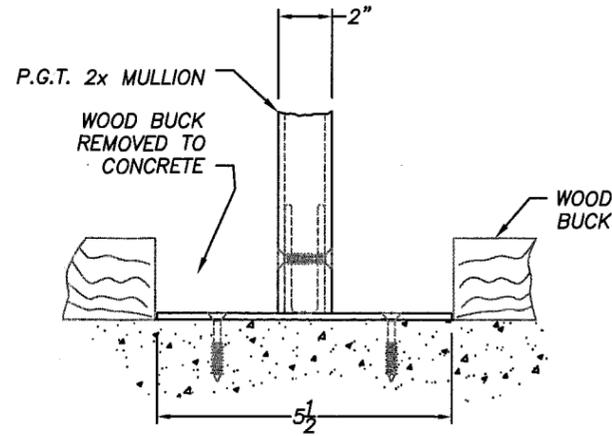
Revsd By:	Date:	Chkd By:	Date:	Revisions:
Drawn By:	P.J.P.	Date:	4/28/00	

Description: 2" STD. WALL MULLION ARRANGEMENT DETAIL

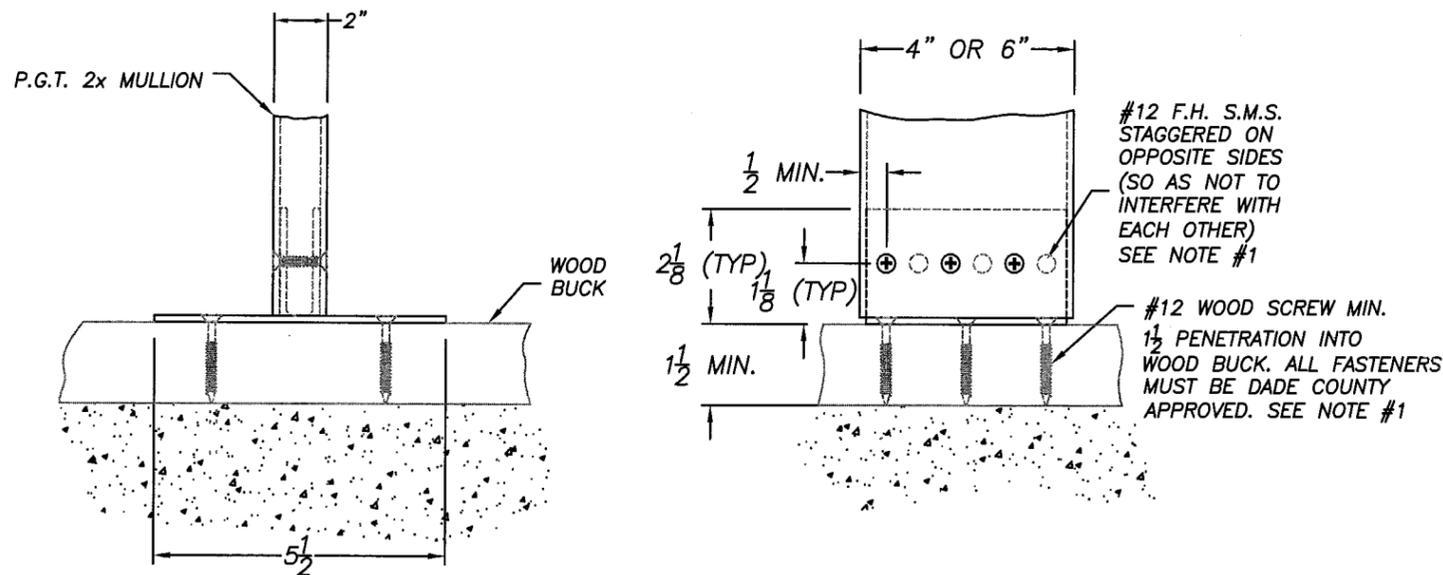
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE JUN 28 2001 BY *[Signature]* PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0323.04



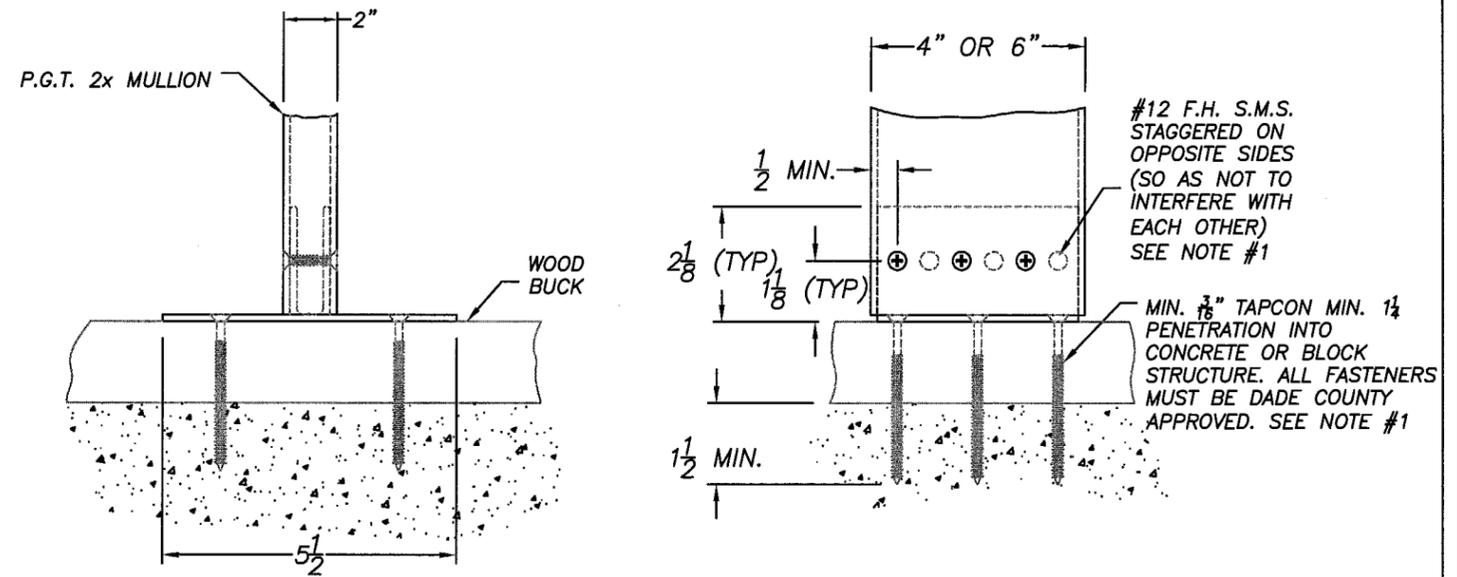
TYPICAL MULLION TO MULLION INSTALLATION TYPE "A".



TYPICAL MULLION TO STRUCTURE WITH WOOD BUCK REMOVED FROM CONC. TYPE "C".



TYPICAL MULLION TO STRUCTURE WITH WOOD BUCK TYPE "B".



TYPICAL MULLION TO STRUCTURE WITH WOOD BUCK AND CONC. TYPE "D".

**NOTE:**

- FOR MULL SIZE AND QUANTITY OF ANCHORS REQUIRED SEE SHEET 5. FOR ANCHOR LOCATIONS SEE SHEET 3. QUANTITY OF ANCHORS FOR MULL-TO-CLIP IS THE SAME AS THE QUANTITY OF ANCHORS FROM CLIP-TO-OPENING.
- REFERENCE TEST REPORT FTL-2902, 2903 AND 2975

**IMPORTANT:**

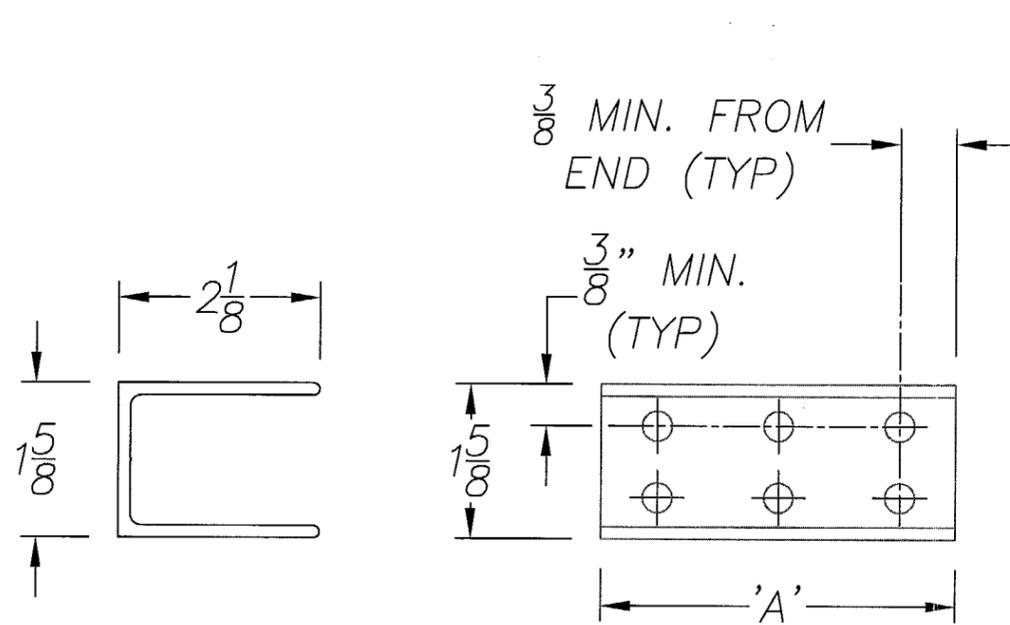
QUANTITY OF ANCHORS SHOWN ARE FOR A PICTORIAL REPRESENTATION ONLY. FOR CORRECT QUANTITY OF ANCHORS PLEASE REFER TO CHARTS AND FIND THE CORRECT MULL SIZE AND PRESSURE REQ'D FOR YOUR SPECIFIC APPLICATION.

*Robert L. Clark*  
5/24/04  
**Robert L. Clark, P.E.**  
P.E. #39712  
Structural

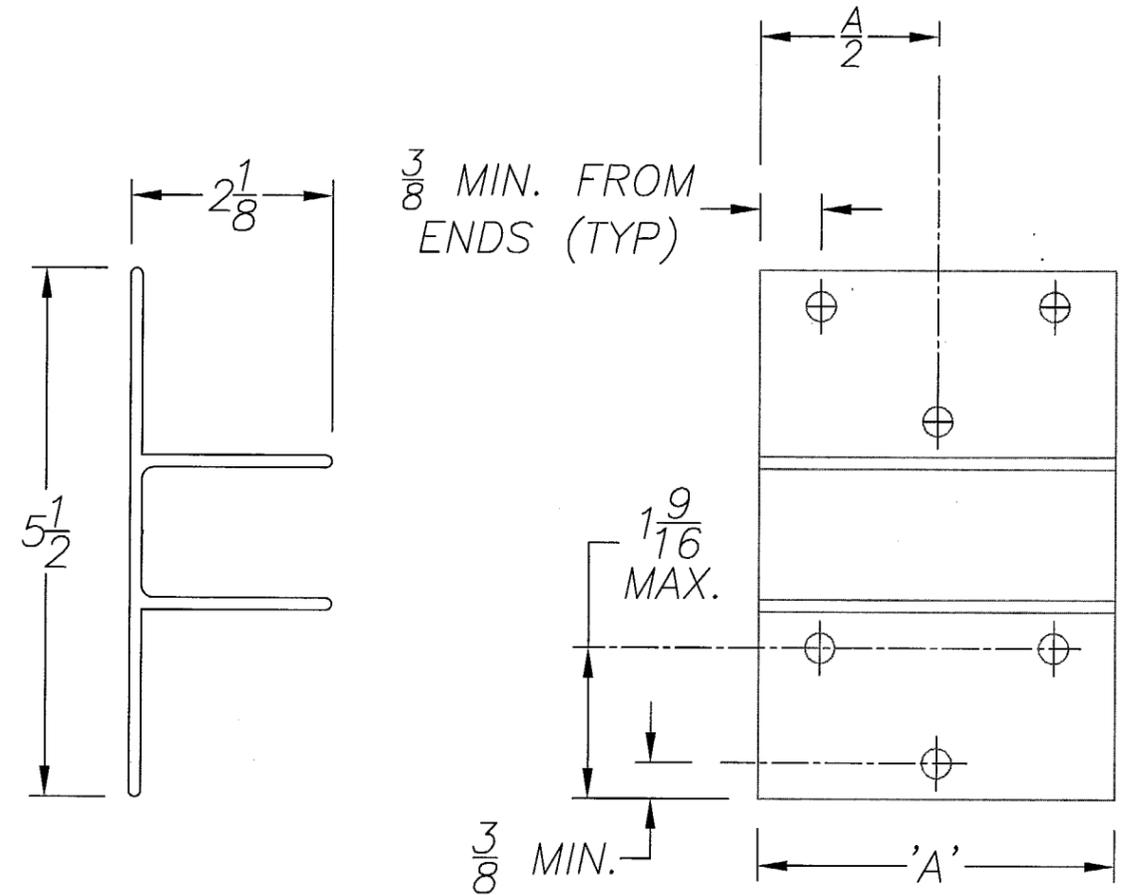
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE JUN 28 2001  
BY *James [Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0323-04

<b>PGT INDUSTRIES</b>	Revsd By:	Date:	Chkd By:	Date:	Revisions:
	Drawn By:	P.J.P.	Date:	4/28/00	
Description: 2" STD. WALL MULLION & CLIP INSTALLATION DETAIL					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: 1x	Sheet: 2 of 5	Drawing No. 6622

**IMPORTANT:**  
 QUANTITY OF ANCHORS SHOWN ARE FOR A PICTORIAL REPRESENTATION ONLY. FOR CORRECT QUANTITY OF ANCHORS PLEASE REFER TO CHARTS AND FIND THE CORRECT MULL SIZE AND PRESSURE REQ'D FOR YOUR SPECIFIC APPLICATION.



2" MULL CLIP W/TABS REMOVED  
SIX (6) ANCHOR LOCATIONS  
 EXTRUSION DWG # 513



2" MULL CLIP  
SIX (6) ANCHOR LOCATIONS  
 EXTRUSION DWG # 513

CLIP LENGTH CHART FOR 2x MULL	
MULL SIZE	'A'
2 x 4 x 1/8	3 1/16
2 x 6 x 1/8	5 1/16

1. REFERENCE TEST REPORT FTL-2902, 2903 AND 2975

*RL Clark*  
 5/24/01  
 RL CLARK  
 #39712

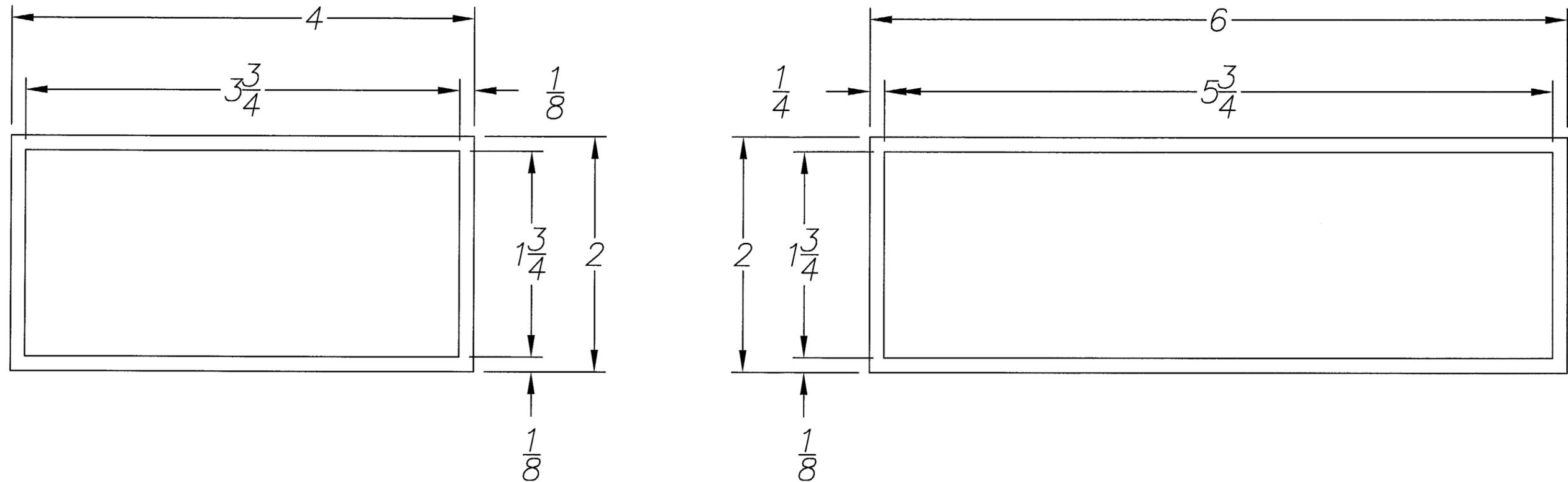


1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 Series/Model: MULLS Scale: 1 Sheet: 3 of 5 Drawing No. 6622 Rev:

Revsd By:	Date:	Chkd By:	Date:	Revisions:
Drawn By:	P.J.P.	Date:	4/28/01	
Description: ANCHOR LOCATIONS				
Title: 2" MULLION CLIP				

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE JUN 28 2001  
 BY *Manuel Perez*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0323.04

STRUCTURAL



2x STD. WALL MULLS

MAT'L: 6063-T6

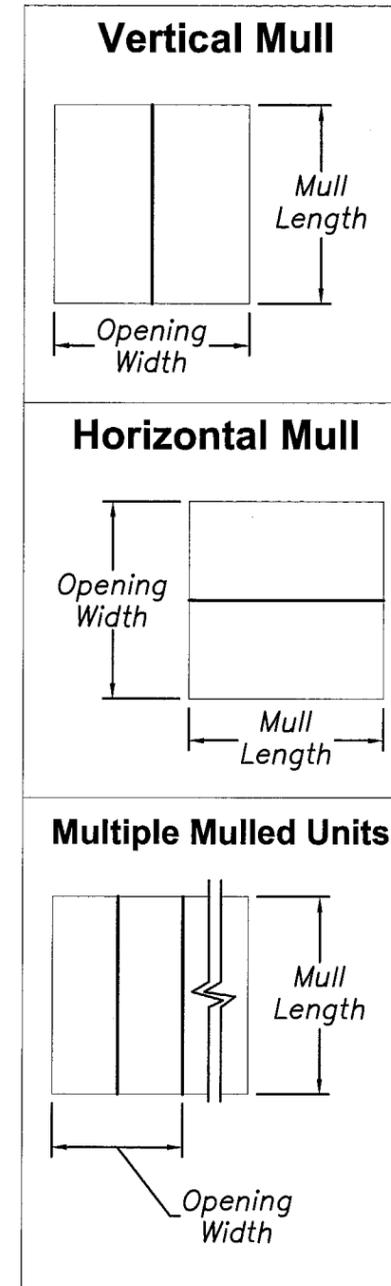
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE **JUN 28 2001**  
 BY *Manner*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0323.04

*R. L. Clark*  
 5/24/01  
 Robert L. Clark, P.E.  
 P.E. #39712  
 Structural

		Revsd By:	Date:	Chkd By:	Date:	Revisions:
		Drawn By:	P.J.P.	Date:	4/28/00	
Description: 2" STD. WALL MULLION PROFILES						
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model:	MULLS	Scale:	1x	Sheet: 4 of 5
					Drawing No.	6622
						Rev:

2x4x1/8		OPENING WIDTH IN INCHES									
6 Anchors		50	60	70	80	90	100	110	120	130	160
MULL LENGTH IN INCHES	42	170	170	170	170	170	170	170	170	170	170
	48	170	170	170	170	170	170	170	170	170	170
	50.625	170	170	170	170	170	170	170	170	170	170
	54	170	170	170	170	161	156	155	155	155	155
	60	170	164	146	133	124	118	114	113	113	113
	63	170	148	131	118	110	104	100	98	98	98
	66	157	134	118	106	98	92	88	86	85	85
	72	131	111	97	88	80	75	71	68	66	65
	76	117	99	87	78	71	66	62	59	57	56
	78	111	94	82	73	67	62	58	56	54	51
	84	95	80	70	62	57	52	49	46	44	41
	90	83	70	60	54	49	45	42	39	37	34
	96	72	61	53	47	42	39	36	34	32	29
	108	57	48	41	37	33	30	28	26	24	21
111	54	45	39	35	31	28	26	24	23	20	
144	25	21	18	16	-	-	-	-	-	-	

2x6x1/8		OPENING WIDTH IN INCHES									
6 Anchors		50	60	70	80	90	100	110	120	130	160
MULL LENGTH IN INCHES	42	170	170	170	170	170	170	170	170	170	170
	48	170	170	170	170	170	170	170	170	170	170
	50.625	170	170	170	170	170	170	170	170	170	170
	54	170	170	170	170	170	170	170	170	170	170
	60	170	170	170	170	170	170	170	170	170	170
	63	170	170	170	170	170	170	170	170	170	170
	66	170	170	170	170	170	170	164	159	158	158
	72	170	170	170	162	149	139	131	126	123	121
	76	170	170	161	144	131	122	115	110	106	103
	78	170	170	152	136	124	115	108	103	99	95
	84	170	149	130	116	105	97	91	86	82	77
	90	153	129	112	100	90	83	77	73	69	63
	96	134	113	98	87	79	72	67	63	59	53
	108	105	89	77	68	61	56	51	48	45	40
111	100	84	72	64	58	53	49	45	43	37	
144	59	49	42	37	33	30	28	26	24	20	



APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE JUN 28 2005  
 BY Manuel  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0323.04

NOTES:

1. MAXIMUM ALLOWABLE PRESSURE IN PSF.
2. DESIGN IS BASED ON OPENING WIDTH. FOR MULTIPLE UNITS, CONSIDER ONLY TWO ADJACENT UNITS AT A TIME. SEE SHEET 1.
3. REFERENCE TEST REPORT FTL-2902, 2903 AND 2975

*[Signature]*  
 5/24/05  
 Robert L. Clark, P.E.  
 P.E. #39712  
 Structural

<b>P&amp;G INDUSTRIES</b>	Revsd By: _____ Date: _____	Chkd By: _____ Date: _____	Revisions: _____
	Drawn By: <u>P.J.P.</u>	Date: <u>4/28/00</u>	
	Description: <u>PRESSURE CHARTS</u>		
	Title: <u>2" STD. WALL MULLION PRESSURE CHARTS</u>		
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: <u>MULLS</u>	Scale: <u>NTS</u> Sheet: <u>5 of 5</u> Drawing No. <u>6622</u> Rev: _____