



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:

1"x Std. Wall - Aluminum Tube Clipped Mullions

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.: 00-0912.05
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.: 00-0912.05

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 **1"x Standard Wall - Aluminum Tube Clipped Mullion** and its components shall be constructed in strict compliance with the following documents: Drawing No **6620**, Sheets 1 through 5 of 5, titled "1" 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 1x2x.125 (2 anchors) mullion or 1x4x.125 (4 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

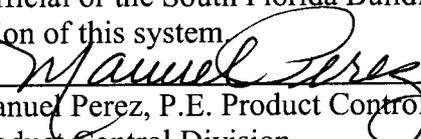
- 4.1** The clipped mullion system and its components shall be installed in strict compliance with the approved drawings.
- 4.2** This mullion can be installed as part of an impact resistant unit.

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.: 00-0912.05

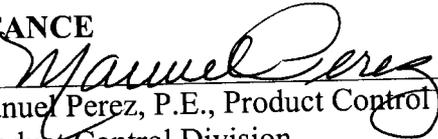
APPROVED : JUN 28 2001

EXPIRES : JUN 28 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

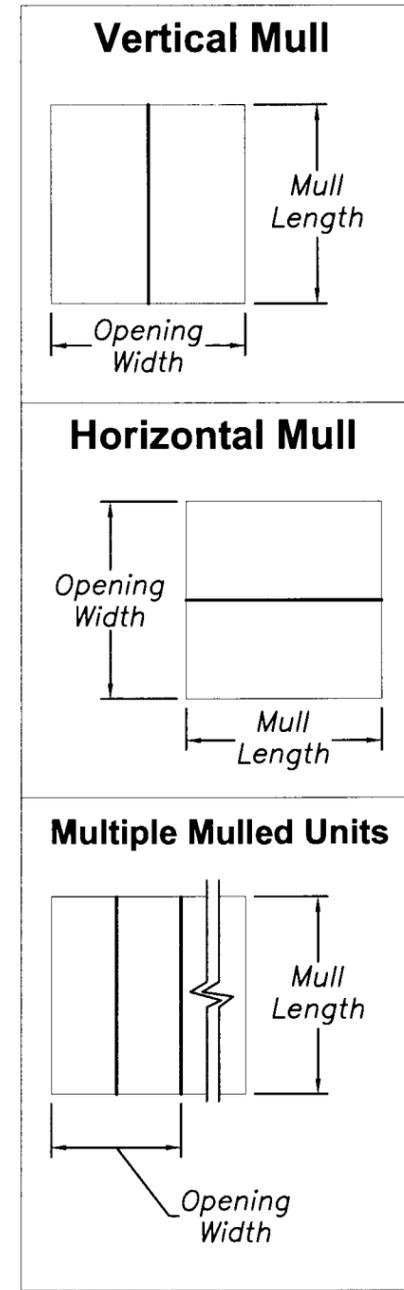
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with 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

1x2x.125 2 Anchors	OPENING WIDTH IN INCHES										
	50	60	70	80	90	100	110	120	130	160	
① MULL LENGTH IN INCHES	42	129	115	107	104	103	103	103	103	103	103
	48	83	73	67	63	61	61	61	61	61	61
	50.625	70	61	55	52	50	49	49	49	49	49
	54	57	49	44	41	39	38	38	38	38	38
	60	41	35	31	29	27	26	25	25	25	25
	63	35	30	27	24	23	22	21	20	20	20
	66	30	26	23	21	19	18	18	17	17	17
	72	23	20	17	16	-	-	-	-	-	-
	76	20	17	15	-	-	-	-	-	-	-
	78	18	15	-	-	-	-	-	-	-	-
	84	-	-	-	-	-	-	-	-	-	-
	90	-	-	-	-	-	-	-	-	-	-
	96	-	-	-	-	-	-	-	-	-	-
	108	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	
144	-	-	-	-	-	-	-	-	-	-	

1x4x.125 4 Anchors	OPENING WIDTH IN INCHES										
	50	60	70	80	90	100	110	120	130	160	
② 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	162	158	157	157	157	157
	60	170	170	157	143	134	127	124	122	122	122
	63	170	160	141	128	119	112	108	106	106	106
	66	170	145	127	115	106	100	96	93	92	92
	72	142	120	105	95	87	81	77	74	72	71
	76	120	102	90	81	74	69	65	63	61	59
	78	111	94	83	74	68	63	60	57	55	53
	84	88	75	65	59	53	49	46	44	42	40
	90	72	60	53	47	43	39	37	35	33	31
	96	59	50	43	38	35	32	30	28	27	24
	108	41	35	30	27	24	22	20	19	18	16
111	38	32	28	24	22	20	19	17	16	-	
144	17	-	-	-	-	-	-	-	-	-	

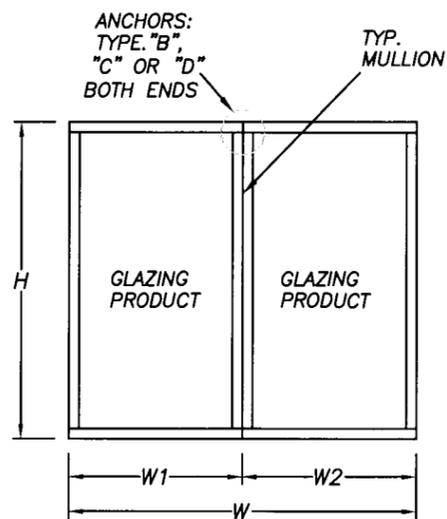


APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **JUN 28 2001**
BY *Mauro Perry*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 00-0912.05

- 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

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

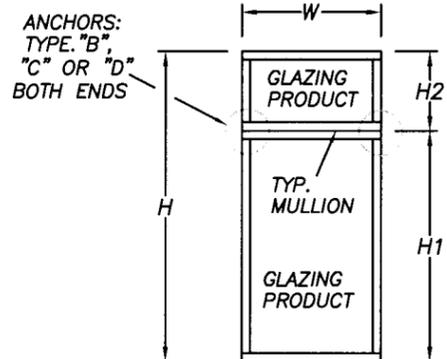
PGT INDUSTRIES	Revsd By: _____ Date: _____	Chkd By: _____ Date: _____	Revisions: _____
	Drawn By: P.J.P.	Date: 4/28/00	
	Description: PRESSURE CHARTS		
	Title: 1" STD. WALL MULLION		
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: NTS Sheet: 5 of 5 Drawing No. 6620 Rev: _____



$$W = W1+W2$$

(2) WINDOWS MULLED TOGETHER

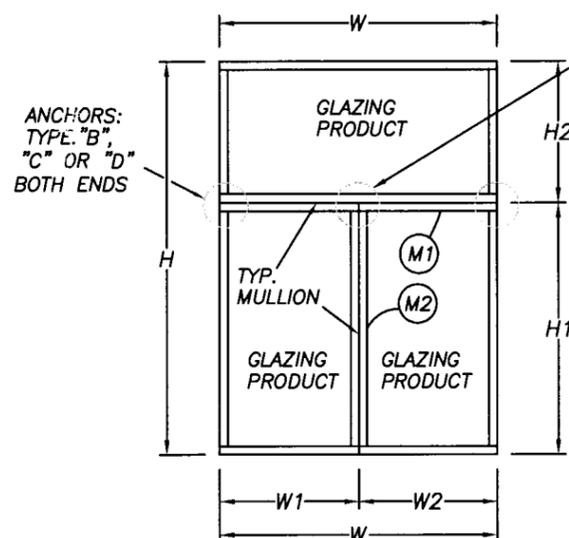
FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 OF 5
 MAX OPENING = W OR W1+W2
 MULL LENGTH = H



$$H = H1+H2$$

(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

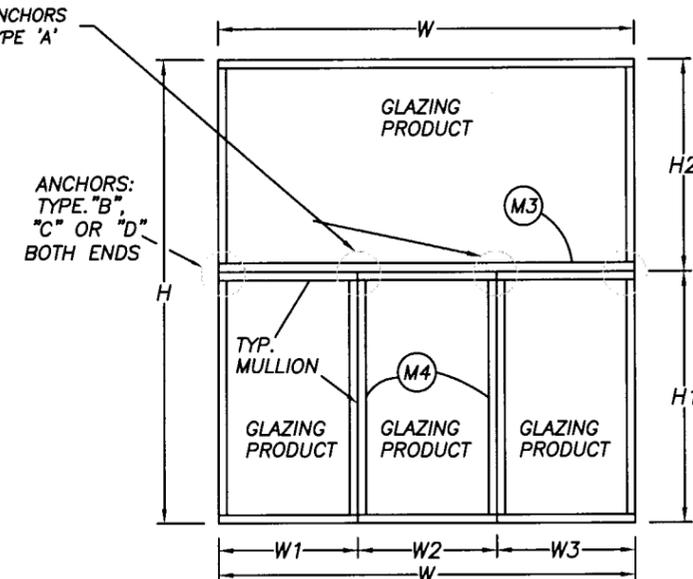


$$W = W1+W2$$

$$H = H1+H2$$

(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 TOGETHER, TO A MAX. OF 5 UNITS
3. MULLIONS ARE APPROVED FOR IMPACT & 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:
 NTS

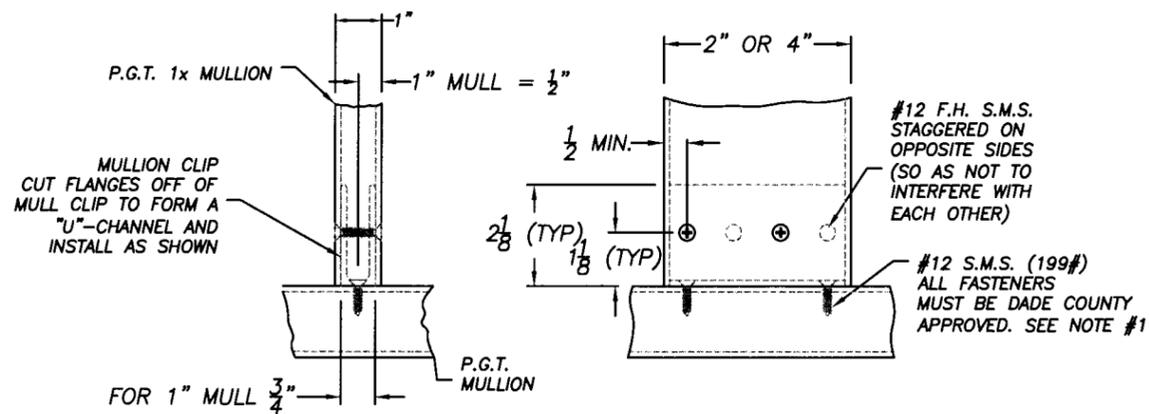
Sheet:
 1 of 5

Drawing No.
 6620

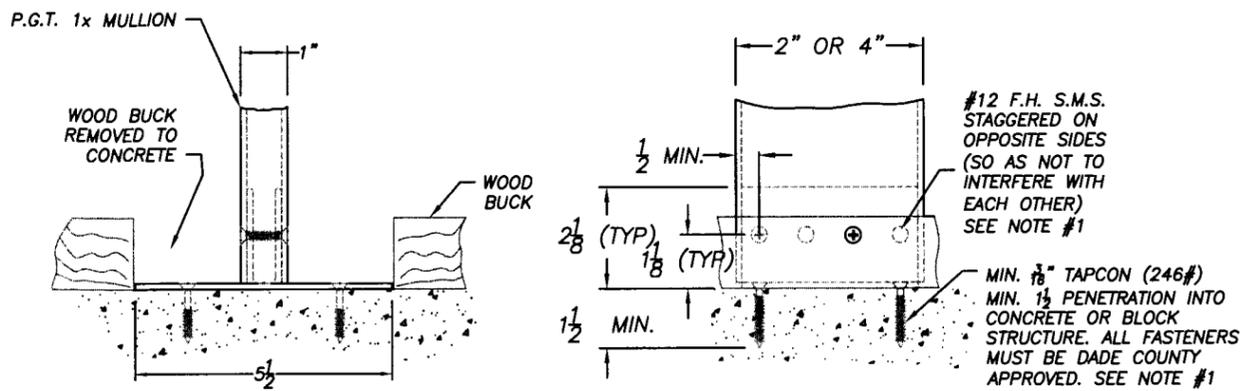
Rev:

Revsd By:	Date:	Chkd By:	Date:	Revisions:
Drawn By:	P.J.P.	Date:	4/28/00	
Description: ARRANGEMENT DETAIL				
Title: 1" STD. WALL MULLION				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275		P.O. BOX 1529 NOKOMIS, FL 34274		Series/Model: MULLS
Scale: NTS		Sheet: 1 of 5		Drawing No. 6620
Rev:				

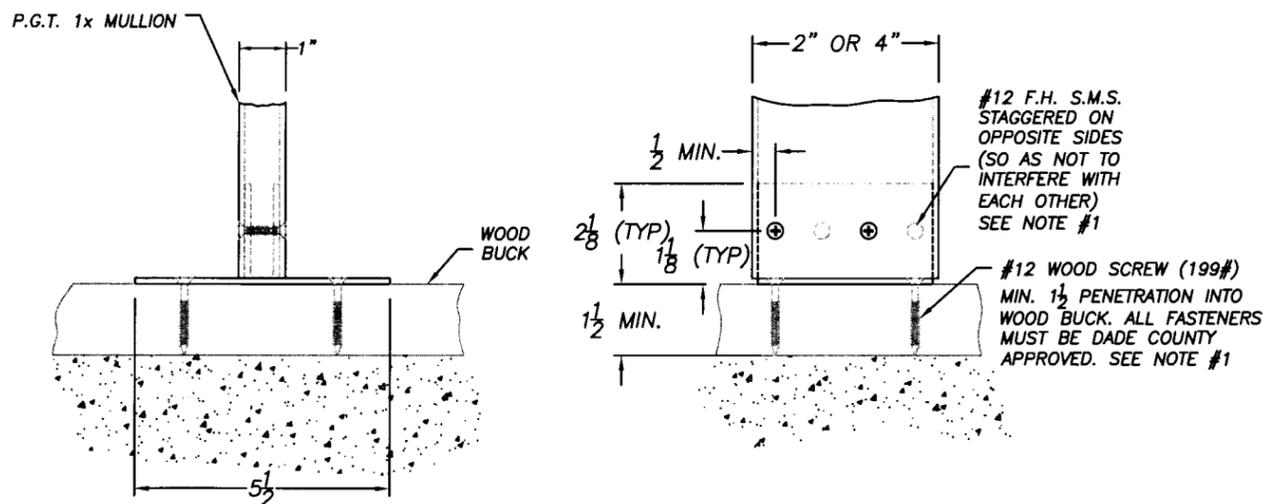
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE JUN 28 2001
 BY *Maurice J...*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0912.05



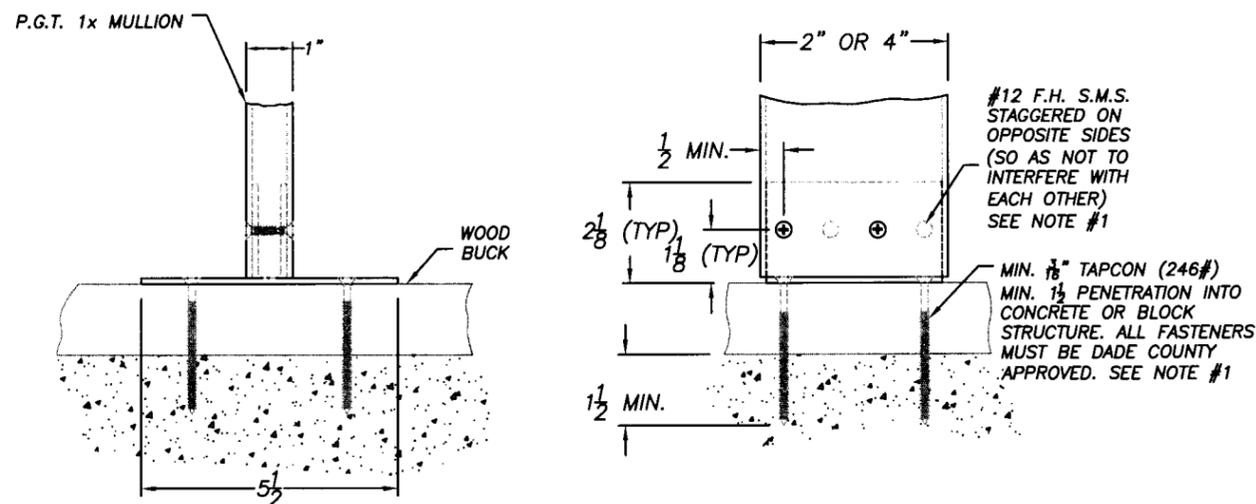
TYPICAL MULLION TO MULLION INSTALLATION TYPE "A"



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:

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

IMPORTANT:

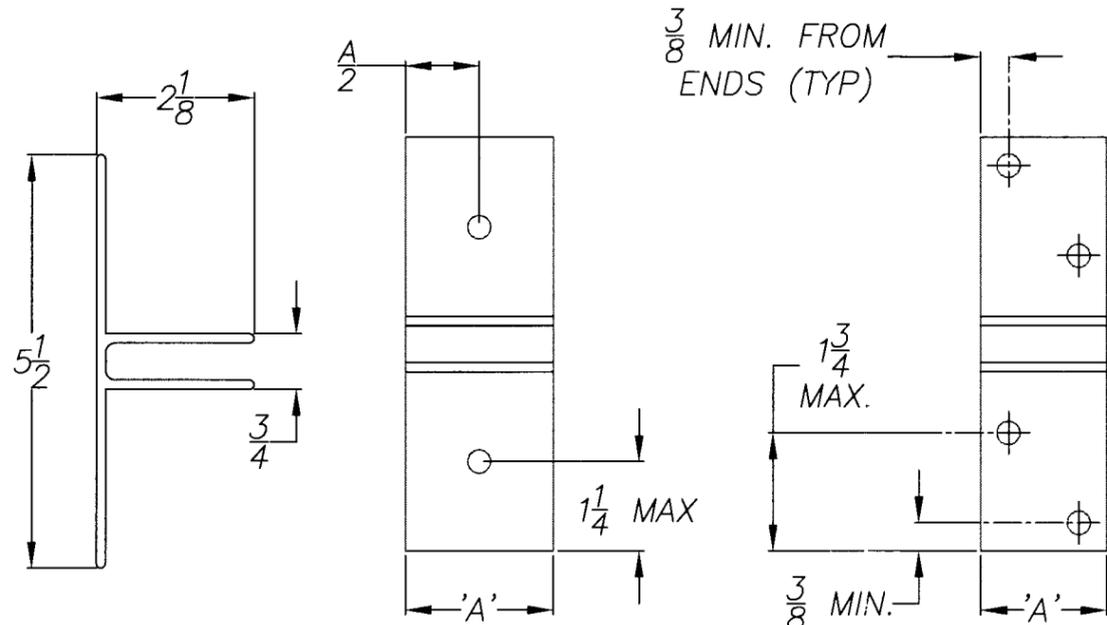
QUANTITY OF ANCHORS SHOWN ARE FOR A PICTORIAL REPRESENTATION ONLY. FOR CORRECT QUANTITY OF ANCHORS PLEASE REFER TO CHARTS AND FIND THE CORRECT MULL SIZE AND PRESSURE REQ'D FOR YOUR SPECIFIC APPLICATION.

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

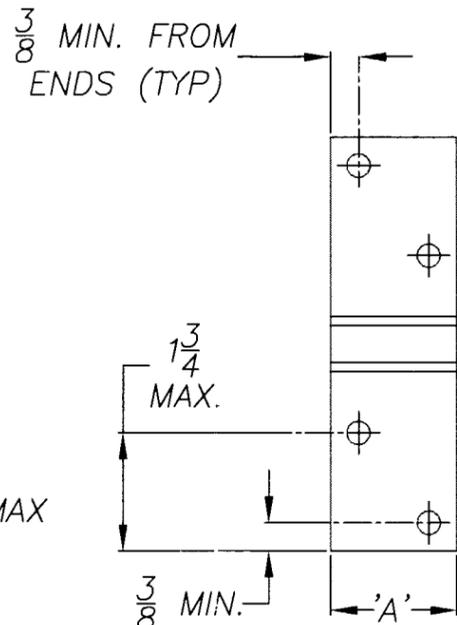
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUN 28 2001
BY *Manuel*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0912.05

	Revsd By:	Date:	Chkd By:	Date:	Revisions:
	Drawn By:	P.J.P.	Date:	4/28/00	
Description: CLIP & INSTALLATION DETAIL					
Title: 1" STD. WALL MULLION					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: NTS	Sheet: 2 of 5	Drawing No. 6620

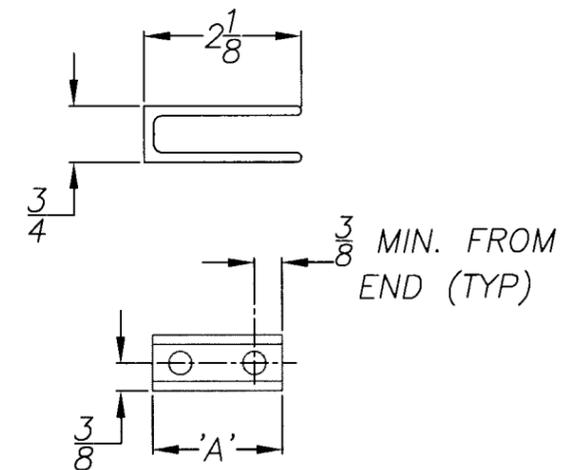
IMPORTANT:
 QUANTITY OF
 ANCHORS SHOWN
 ARE FOR A PICTORIAL
 REPRESENTATION
 ONLY. FOR CORRECT
 QUANTITY OF
 ANCHORS PLEASE
 REFER TO CHARTS
 AND FIND THE
 CORRECT MULL SIZE
 AND PRESSURE
 REQ'D FOR YOUR
 SPECIFIC
 APPLICATION.



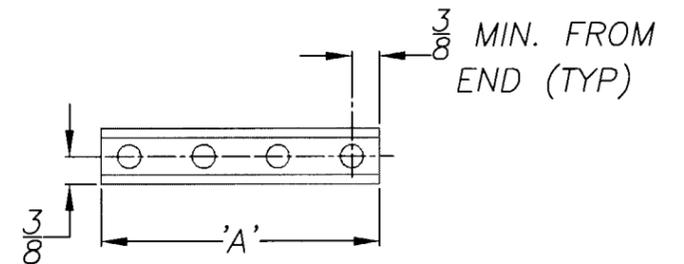
1" MULL CLIP
TWO (2) ANCHOR LOCATIONS
 EXTRUSION DWG # 1099



1" MULL CLIP
FOUR (4) ANCHOR LOCATIONS
 EXTRUSION DWG # 1099



1" MULL CLIP W/TABS REMOVED
TWO (2) ANCHOR LOCATIONS
 EXTRUSION DWG # 1099



1" MULL CLIP W/TABS REMOVED
FOUR (4) ANCHOR LOCATIONS
 EXTRUSION DWG # 1099

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

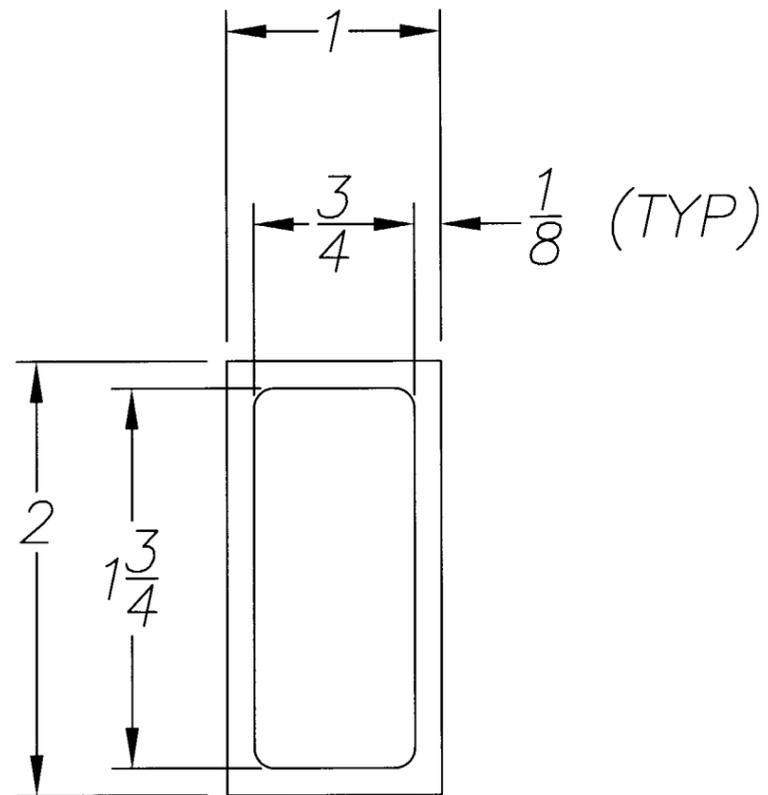
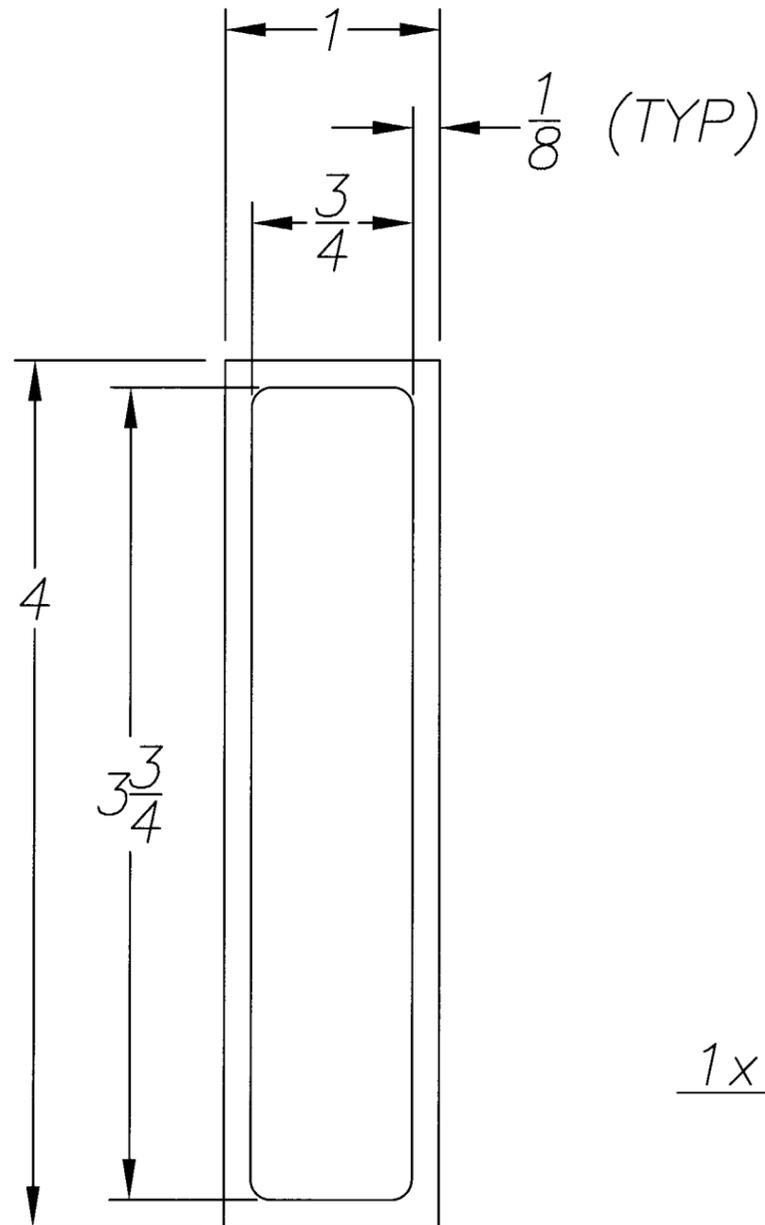
NOTE:
 1. REFERENCE TEST REPORT FTL-2902,2903 AND 2975

RL Clark
 5/24/01
 RL CLARK
 # 39712

STRUCTURAL

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **JUN 28 2001**
 BY *Manned*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0912.05

PGT INDUSTRIES	Revsd By:	Date:	Chkd By:	Date:	Revisions:
	Drawn By:	P.J.P.	Date:	4/28/00	
Description: 1" MULLION CLIP ANCHOR LOCATION					
Title: 1" STD. WALL MULLION					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: NTS	Sheet: 3 of 5	Drawing No. 6620



1x STD. WALL MULLS

MAT'L: 6063-T6

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE JUN 28 2001
 BY *M. J. Perry*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0912.05

NOTE:

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

Robert 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: PROFILES				
Title: 1" STD. WALL MULLION				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: NTS	Sheet: 4 of 5
Drawing No. 6620			Rev:	