



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 Heavy 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.: 01-0323.02
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.: 01-0323.02

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 Heavy Wall - Aluminum Tube Clipped Mullion and its components shall be constructed in strict compliance with the following documents: Drawing No 6621, Sheets 1 through 6 of 6, titled "1" Heavy 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.375 (2 anchors) mullion, 1x2.75x.375 (3/4 anchors) mullion, 1x2.75x.650 (3/4 anchors) mullion or 1x4x.375 (4/6 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

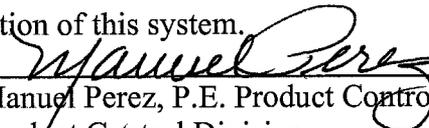
- 4.1** The clipped mullion system and its components shall be installed in strict compliance with the approved drawings.
- 4.2** This mullion can be installed as part of an impact resistant unit.

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.: 01-0323.02

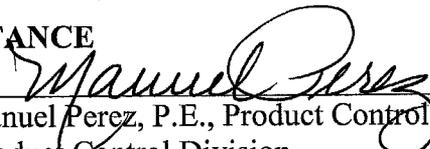
APPROVED : JUN 28 2001

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

PGT Industries

ACCEPTANCE No.: 01-0323.02

APPROVED : JUN 28 2001

EXPIRES : JUN 28 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **6621**, Sheets 1 through 6 of 6, titled "1" Heavy Wall Mullion Arrangement Detail", prepared by manufacturer, dated 4/28/00, signed and sealed by Robert L. Clark, P.E.

B. TESTS

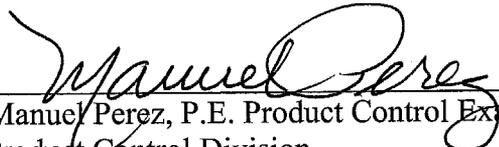
1. Test reports on
 - 1) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94
 - 2) Large Missile Impact Test, SFBC PA 201-94
 - 3) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of a pair of fixed alum. windows (OO configuration) 60" x 54" mullied together with a 1x 2 x std. wall mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2902**, dated 01/05/01, signed and sealed by Antonio Acevedo, P.E.
2. Test reports on
 - 1) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94
 - 2) Large Missile Impact Test, SFBC PA 201-94
 - 3) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of a pair of fixed alum. windows (OO configuration) 80" x 76" mullied together with a 1x 4 x std. wall mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2903**, dated 01/05/01, signed and sealed by Antonio Acevedo, P.E.
3. Test reports on
 - 1) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94
 - 2) Large Missile Impact Test, SFBC PA 201-94
 - 3) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of a pair of fixed alum. windows with a transom lite (O/OO configuration) mullied together with a 1x 2 x 3/4" wall vertical mullion and a 2 x 6" x 1/4" wall horizontal mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2975**, dated 01/23/01, signed and sealed by Antonio Acevedo, P.E.

C. CALCULATIONS

1. Engineering Structural & Anchor Calculations, prepared by manufacturer, dated 08/20/00, revised on 5/24/01, signed and sealed by Robert L. Clark, P.E.

D. MATERIAL CERTIFICATIONS

1. None.


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

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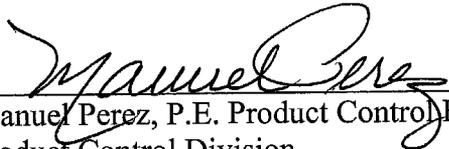
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

E. STATEMENTS

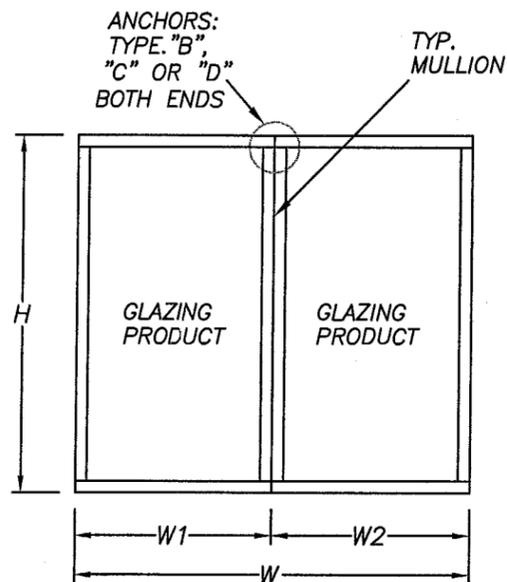
1. Statement letter of conformance, dated March 16, 2001, signed and sealed by Robert L. Clark, P.E.
2. Statement letter of no financial interest, dated _____, signed and sealed by Robert L. Clark, P.E.
3. Laboratory compliance letter for Test Reports No. FTL-2902, FTL-2903 and FTL-2975, issued by Fenestration Testing Laboratory, Inc., dated January 30, 2001, signed and sealed by Antonio Acevedo, P.E.

F. OTHER

1. None.



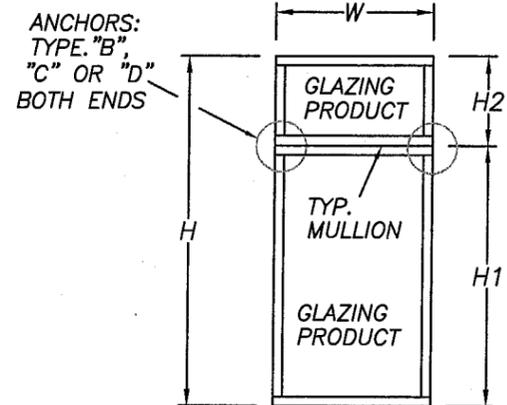
Manuel Perez, P.E. Product Control Examiner
Product Control Division



$$W = W1 + W2$$

(2) WINDOWS MULLED TOGETHER

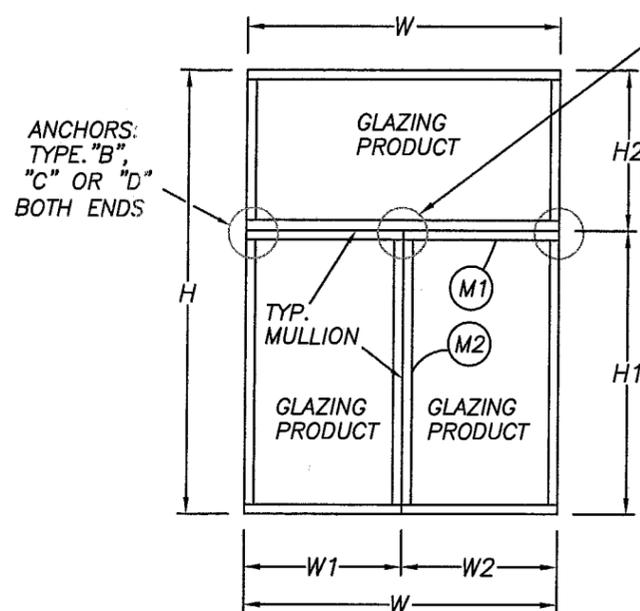
FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 & 6
 MAX OPENING = W OR W1+W2
 MULL LENGTH = H



$$H = H1 + H2$$

(1) WINDOW MULLED W/ONE ABOVE

FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 & 6
 MAX OPENING = H OR H1+H2
 MULL LENGTH = W

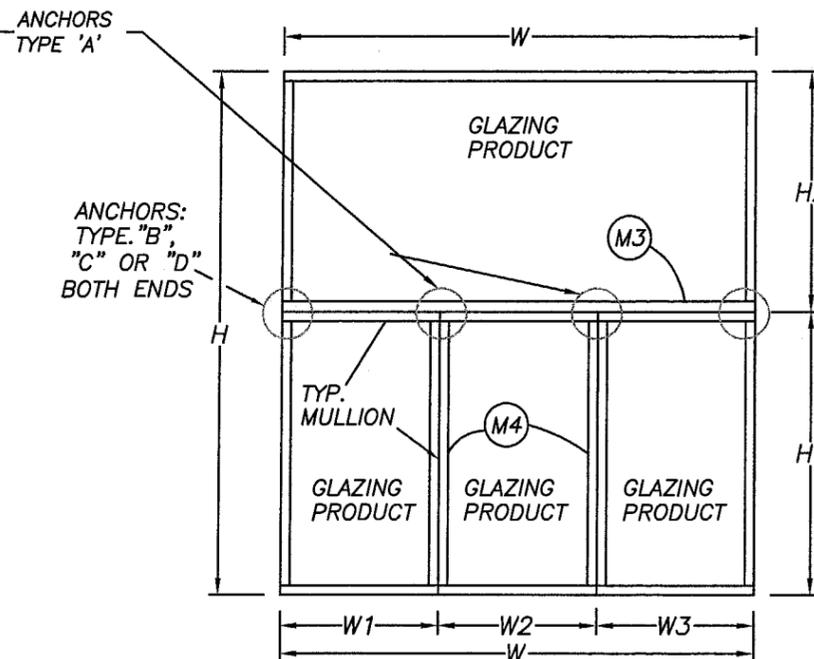


$$W = W1 + W2$$

$$H = H1 + H2$$

(2) WINDOWS MULLED W/ONE ABOVE

FOR DETERMINING MAX ALLOWABLE DESIGN PRESSURE SEE TABLES ON PAGE 5 & 6
 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 & 6
 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, 5 AND 6
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

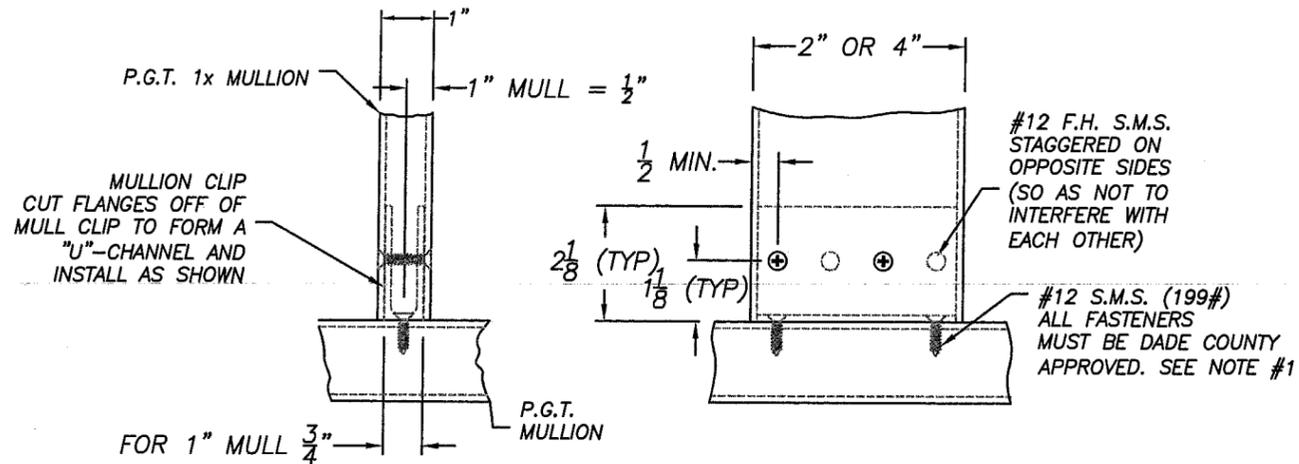
R.L. Clark
 5/24/01
 Robert L. Clark, P.E.
 P.E. #39712
 Structural



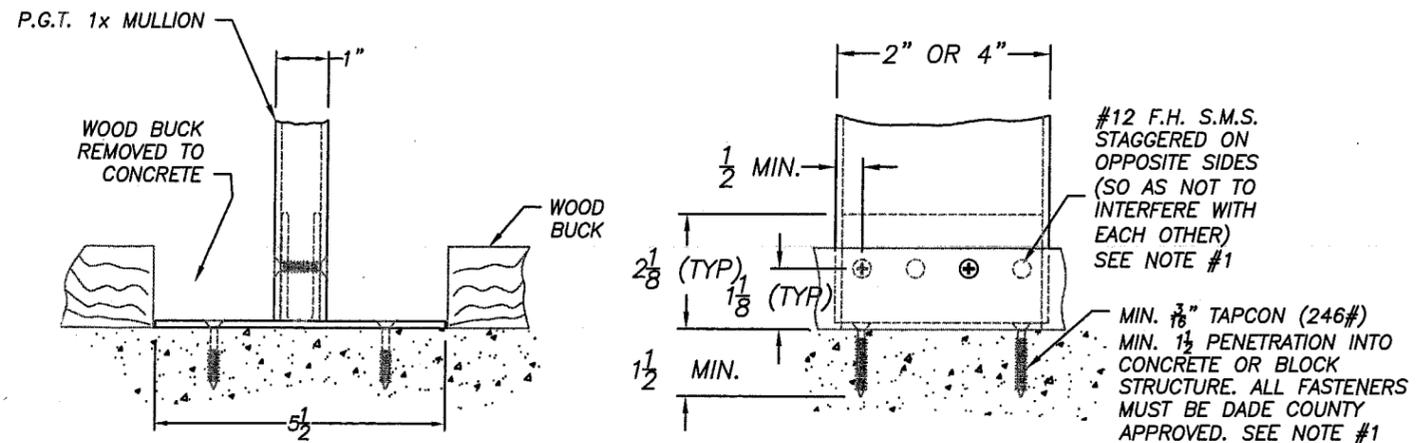
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 Series/Model: MULLS Scale: 1x Sheet: 1 of 6 Drawing No. 6621 Rev:

Revsd By:	Date:	Chkd By:	Date:	Revisions:
Drawn By:	P.J.P.	Date:	4/28/00	
Description: 1" HEAVY WALL MULLION ARRANGEMENT DETAIL				

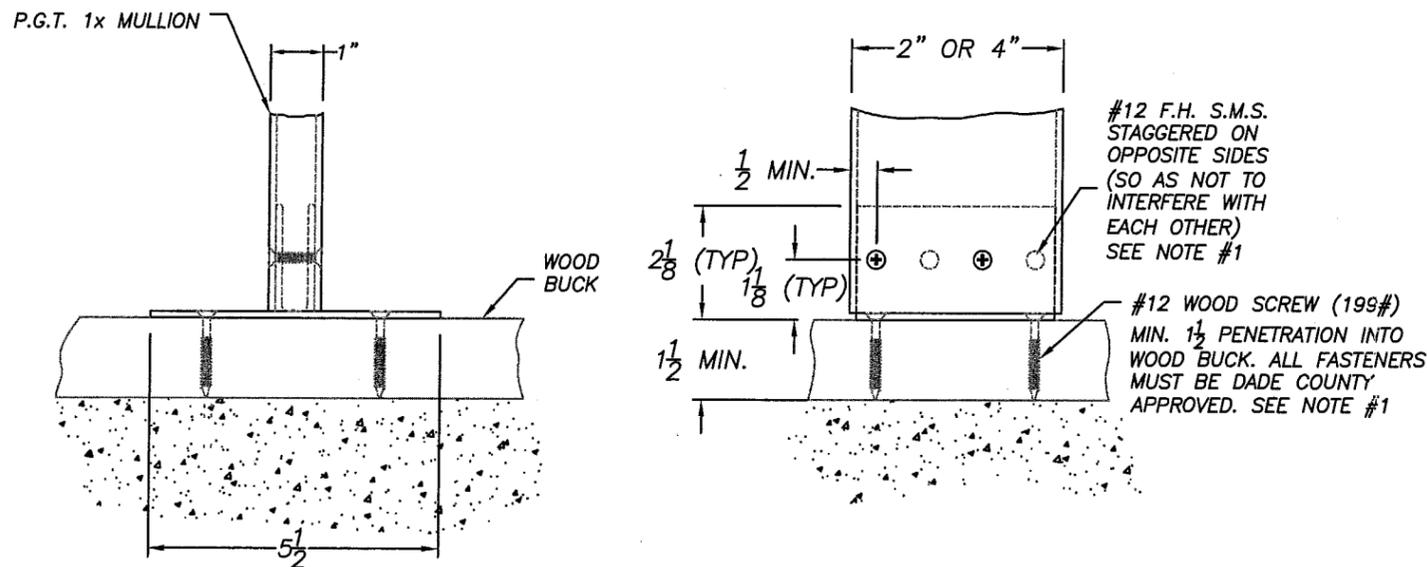
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE JUN 28 2001
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-6323.02



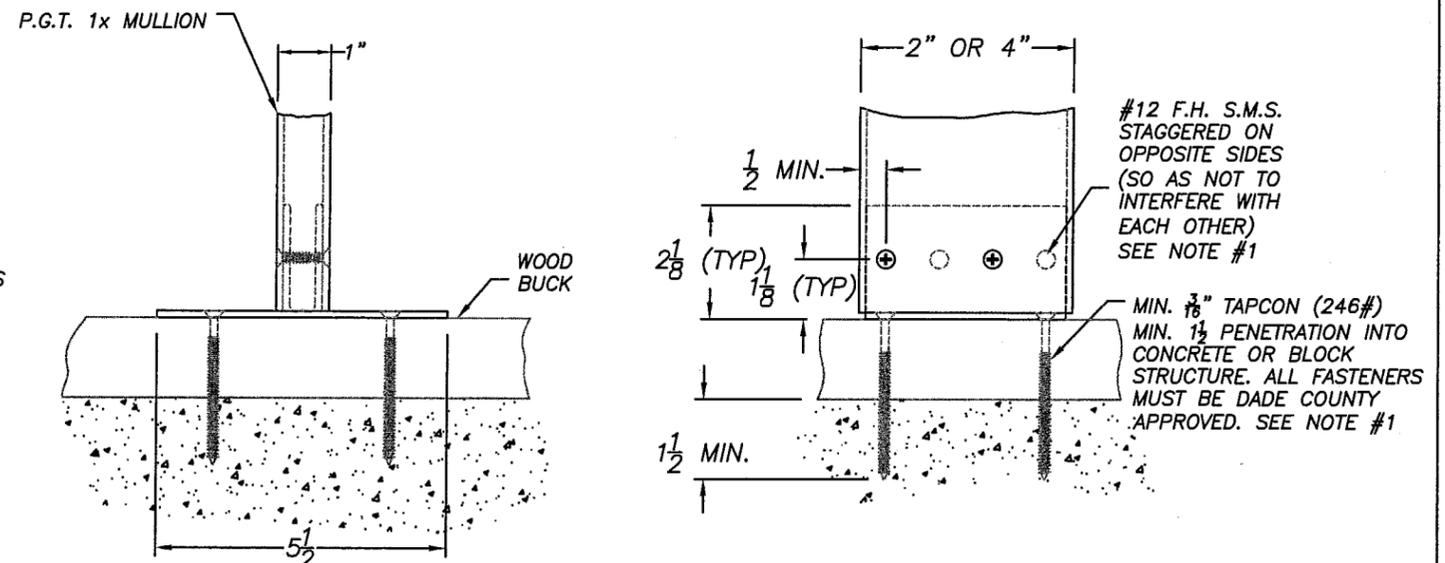
TYPICAL MULLION TO MULLION INSTALLATION TYPE "A".



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 SHEETS 5 & 6. 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

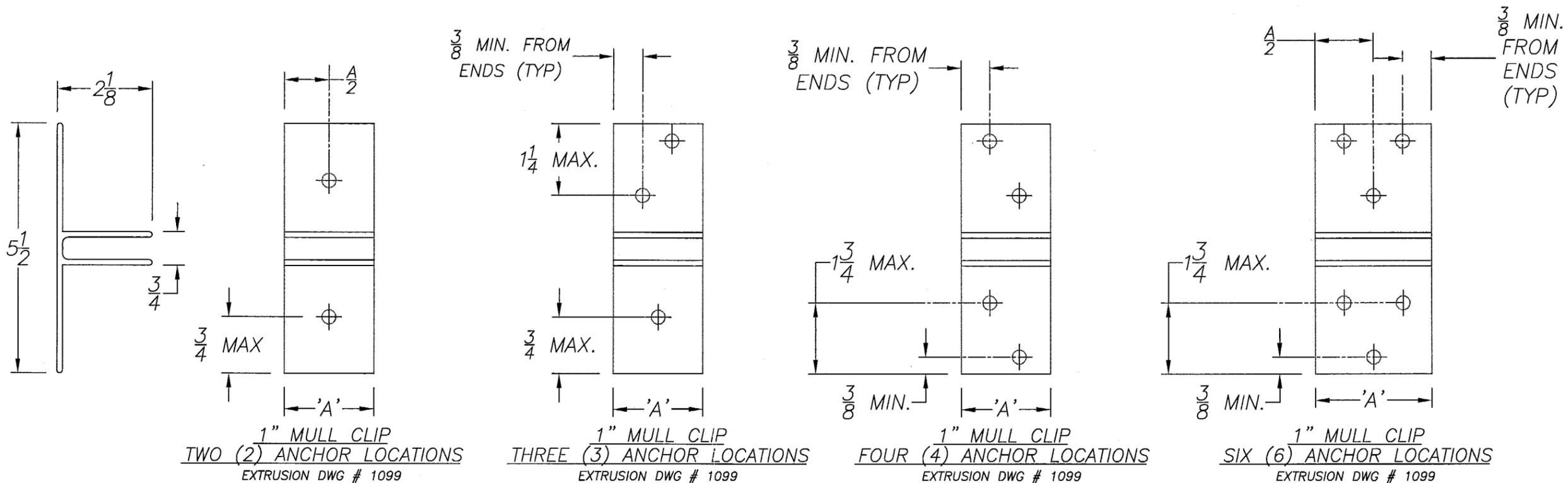
IMPORTANT:

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

PGT INDUSTRIES	Revsd By:	Date:	Chkd By:	Date:	Revisions:
	Drawn By:	P.J.P.	Date:	4/28/00	
Description: 1" HEAVY 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 6	Drawing No. 6621

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUN 28 2001
BY *Mmanuel*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0323.02



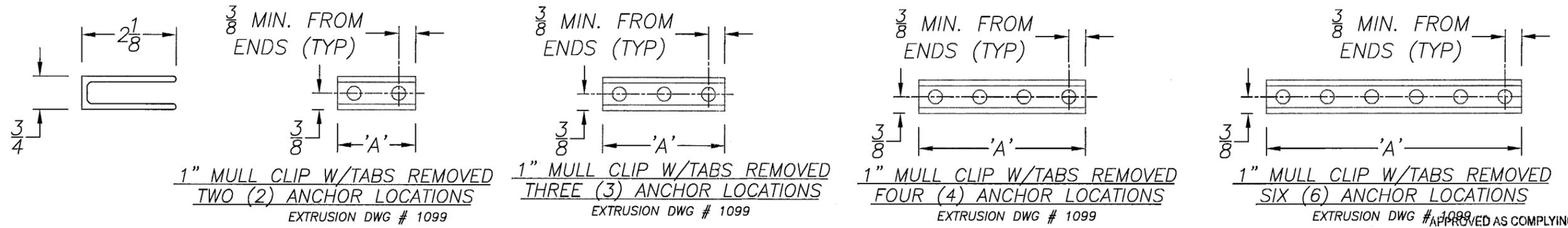
1" MULL CLIP
TWO (2) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

1" MULL CLIP
THREE (3) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

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

1" MULL CLIP
SIX (6) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

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 W/TABS REMOVED
TWO (2) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

1" MULL CLIP W/TABS REMOVED
THREE (3) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

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

1" MULL CLIP W/TABS REMOVED
SIX (6) ANCHOR LOCATIONS
EXTRUSION DWG # 1099

MULL SIZE	'A'
1 x 2 x 1/4	1 7/8
1 x 2 3/4 x 3/8	1 1/2
1 x 2 3/4 x 1/2	1 3/8
1 x 4 x 3/8	3 3/8

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

P.J.P.
5/24/01
RLCLARK
#39712
STRUCTURAL

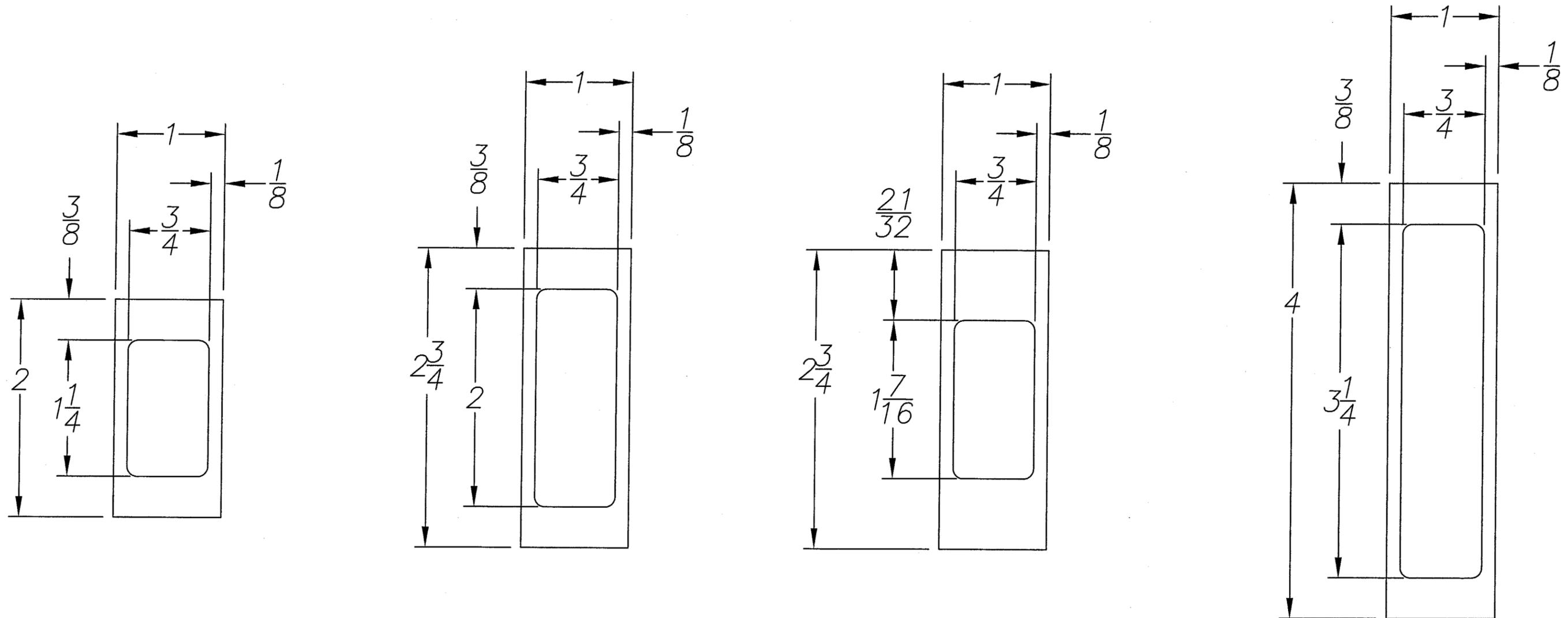


1070 TECHNOLOGY DRIVE P.O. BOX 1529
NOKOMIS, FL 34275 NOKOMIS, FL 34274

Revsd By:	Date:	Chkd By:	Date:	Revisions:	ACCEPTANCE NO. <u>01-0323.02</u>
Drawn By:	P.J.P.	Date:	5/21/01		
Description: ANCHOR LOCATIONS					
Title: 1" MULLION CLIP					

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 28 2001
BY Manuel
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Series/Model: MULLS Scale: 1 Sheet: 3 of 6 Drawing No. 6621 Rev:



1x HEAVY WALL MULLS

MAT'L: 6063-T6

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **JUN 28 2001**
 BY *Maurel*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0323.02

NOTE:

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

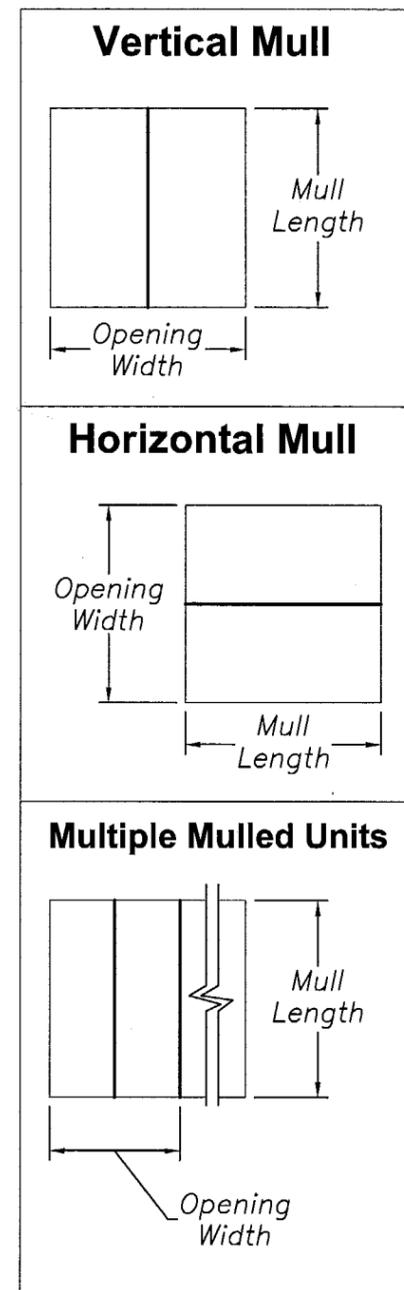
Robert L. Clark
 Robert L. Clark, P.E.
 P.E. #39712

Structural

PGT INDUSTRIES		Revsd By:	Date:	Chkd By:	Date:	Revisions:
		Drawn By:	P.J.P.	Date:	5/22/00	
Description: 1" HEAVY WALL MULLION PROFILES						
Series/Model:	MULLS	Scale:	1x	Sheet:	4 of 6	Drawing No. 6621
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274					Rev:

1x2x.375 2 Anchors		OPENING WIDTH IN INCHES											
		50	60	70	80	90	100	110	120	130	160		
① MULL LENGTH IN INCHES	42	155	142	134	130	130	130	130	130	130	130	130	130
	48	129	116	107	102	100	99	99	99	99	99	99	99
	50.625	115	100	91	85	82	80	80	80	80	80	80	80
	54	94	81	73	68	64	63	62	62	62	62	62	62
	60	67	58	51	47	44	42	41	41	41	41	41	41
	63	58	49	44	40	37	35	34	34	34	34	34	34
	66	50	43	38	34	32	30	29	28	28	28	28	28
	72	38	32	29	26	24	22	21	20	20	20	20	20
	76	32	27	24	22	20	18	17	17	16	16	16	16
	78	30	25	22	20	18	17	16	15	15	15	15	15
	84	24	20	17	16	-	-	-	-	-	-	-	-
	90	19	16	-	-	-	-	-	-	-	-	-	-
	96	16	-	-	-	-	-	-	-	-	-	-	-
	108	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-	
144	-	-	-	-	-	-	-	-	-	-	-	-	

1x2.75x.375 3/4 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	170	170	170	170	170	170	170	170
	48	170	170	170	170	161	170	154	170	150	170	149	170	149	170	149	170	149	170
	50.625	170	170	161	170	148	170	140	170	136	170	134	170	134	170	134	170	134	170
	54	166	170	147	170	135	165	126	153	121	146	119	142	118	141	118	141	118	141
	60	145	152	127	131	116	116	101	107	100	100	96	96	93	93	92	92	92	92
	63	131	131	112	112	99	99	90	90	84	84	80	80	77	77	76	76	76	76
	66	113	113	97	97	85	85	77	77	72	72	68	68	65	65	64	64	63	63
	72	86	86	73	73	65	65	58	58	54	54	50	50	48	48	46	46	45	44
	76	73	73	62	62	54	54	49	49	45	45	42	42	40	40	38	38	37	36
	78	67	67	57	57	50	50	45	45	41	41	38	38	36	36	35	35	33	32
	84	54	54	45	45	40	40	35	35	32	32	30	30	28	28	27	27	26	24
	90	43	43	37	37	32	32	28	28	26	26	24	24	22	22	21	21	20	19
	96	36	36	30	30	26	26	23	23	21	21	19	19	18	18	17	17	16	15
	108	25	25	21	21	18	18	16	16	-	-	-	-	-	-	-	-	-	-
111	23	23	19	19	17	17	15	15	-	-	-	-	-	-	-	-	-	-	
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **JUN 28 2001**
BY *Maurice [Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0323.02

- 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

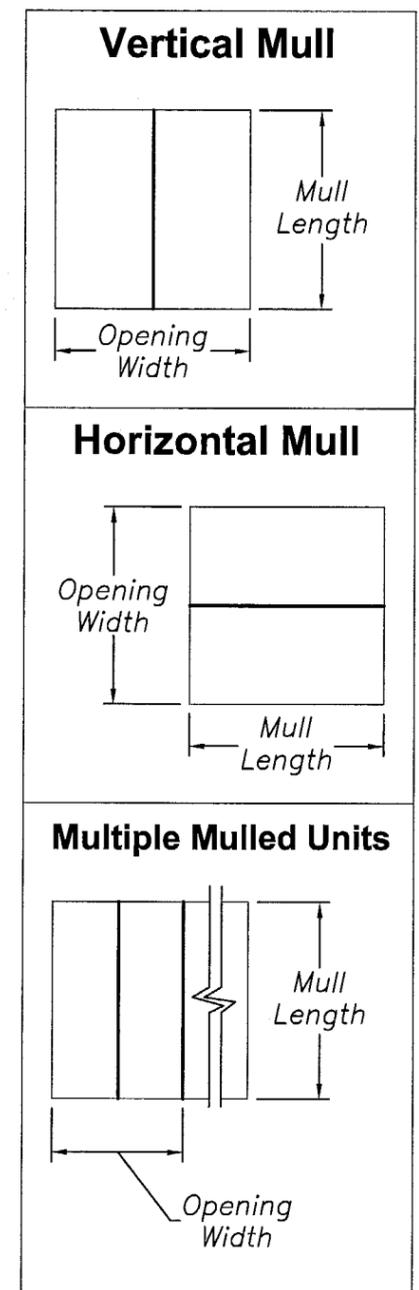
RL Clark
5/24/01
RL CLARK
#39712

PGT INDUSTRIES	Revsd By: _____ Date: _____	Chkd By: _____ Date: _____	Revisions: _____
	Drawn By: P.J.P.	Date: 4/28/00	
	Description: PRESSURE CHARTS		
Title: 1" HEAVY WALL MULLION			
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: MULLS	Scale: NTS
		Sheet: 5 of 6	Drawing No. 6621
			Rev: _____

STRUCTURAL

1x2.75x.650 3/4 Anchors		OPENING WIDTH IN INCHES																				
		50		60		70		80		90		100		110		120		130		160		
3	MULL LENGTH IN INCHES	42	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
		48	170	170	160	170	148	169	141	161	138	158	137	157	137	157	137	157	170	157	170	157
		50.625	166	170	148	169	136	156	129	148	125	143	123	141	123	141	123	141	154	141	123	141
		54	152	170	135	155	124	142	116	133	112	128	109	125	108	124	108	124	108	124	108	124
		60	133	152	117	134	106	122	99	113	94	107	90	103	88	101	88	100	88	100	88	100
		63	125	143	110	126	99	114	92	105	87	99	83	95	81	93	80	91	80	91	80	91
		66	118	135	103	118	93	107	86	97	81	90	77	85	75	82	73	80	73	79	73	79
		72	106	108	92	92	81	81	73	73	67	67	63	63	60	60	58	58	56	56	56	56
		76	91	91	77	77	68	68	61	61	56	56	52	52	49	49	47	47	46	46	45	45
		78	84	84	71	71	63	63	56	56	51	51	48	48	45	45	43	43	42	42	40	40
		84	67	67	57	57	50	50	44	44	40	40	37	37	35	35	33	33	32	32	30	30
		90	54	54	46	46	40	40	36	36	32	32	30	30	28	28	26	26	25	25	23	23
		96	44	44	38	38	33	33	29	29	26	26	24	24	23	23	21	21	20	20	18	18
		108	31	31	26	26	23	23	20	20	18	18	17	17	15	15	-	-	-	-	-	-
111	29	29	24	24	21	21	18	18	17	17	15	15	-	-	-	-	-	-	-	-		
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

1x4x.375 4/6 Anchors		OPENING WIDTH IN INCHES																				
		50		60		70		80		90		100		110		120		130		160		
4	MULL LENGTH IN INCHES	42	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	
		48	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
		50.625	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
		54	170	170	170	170	170	170	169	170	162	170	158	170	157	170	157	170	157	170	157	170
		60	170	170	170	170	154	170	143	170	136	170	131	170	128	170	127	170	127	170	127	170
		63	170	170	159	170	144	170	133	170	126	170	121	170	117	169	116	166	116	165	116	165
		66	170	170	150	170	135	170	125	170	117	166	112	156	108	150	106	145	105	144	105	144
		72	154	170	134	170	120	165	110	148	103	136	98	127	94	120	91	115	89	112	88	111
		76	144	170	125	160	112	140	102	126	95	116	90	108	86	102	83	98	81	95	79	93
		78	140	170	121	148	108	129	99	116	92	106	87	99	83	93	80	89	78	87	75	84
		84	128	138	111	117	98	102	90	92	83	83	77	77	73	73	69	69	66	66	62	62
		90	112	112	95	95	82	82	74	74	67	67	62	62	58	58	54	54	52	52	48	48
		96	92	92	78	78	67	67	60	60	54	54	50	50	47	47	44	44	42	42	38	38
		108	64	64	54	54	47	47	42	42	37	37	34	34	32	32	30	30	28	28	25	25
111	59	59	50	50	43	43	38	38	34	34	31	31	29	29	27	27	26	26	23	23		
144	27	27	22	22	19	19	17	17	15	15	-	-	-	-	-	-	-	-	-	-		



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **JUN 28 2001**
BY *Manuel Lopez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0323.02

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

R.L. Clark
5/4/01
R.L. CLARK
3971L

	Revsd By:	Date:	Chkd By:	Date:	Revisions:
	Drawn By:	P.J.P.		Date:	4/28/00
	Description:	PRESSURE CHARTS			
	Title:	1" HEAVY WALL MULLION			
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model:	MULLS	Scale:	NTS
		Sheet:	6 of 6	Drawing No.:	6621
		Rev:			