



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

NOTICE OF ACCEPTANCE (NOA)

Hurst Awning Co., Inc.
6865 NW 36th Avenue
Miami, FL 33147

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.050" Aluminum Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. 06-342, titled "0.050" Aluminum Storm Panel", sheets 1 through 5 of 5, prepared by Thornton-Tomasetti Group, dated April 04, 2006, last revision #0 dated April 04, 2006, signed and sealed by J. W. Knezevich, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 revises NOA # 02-0731.15 and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

Helmy A. Makar
 07/13/2006

NOA No. 06-0424.01
Expiration Date: 08/19/2007
Approval Date: 07/13/2006

Page 1



Hurst Awning Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0621.06

A. DRAWINGS

1. *Drawing No. 99-109, titled "0.050" Aluminum Storm Panel", prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E., dated June 8, 1999, last revision #1 dated July 20, 1999, sheets 1 through 4 of 4.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of 0.050" aluminum storm panels, prepared by Construction Testing Corporation, Report No. CTC-99-023, dated May 14, 1999, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

1. *Comparative Analysis, Anchor Calculations and details for 0.050" Aluminum Storm Panels, dated June 10, 1999, pages 1 through 33, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report of coils, dated May 4, 1999, for Aluminum Alloy 5052-H32 by Amcrimet, with chemical composition and physical properties.*
2. *Certified Tensile Test Report by Certified Testing Laboratories, Report No. CTL-530E, dated May 13, 1999 for sample #99-023, in accordance with ASTM E8, signed and sealed by Ramish Patel, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0315.02

A. DRAWINGS

See NOA 99-0621.06

B. TESTS

See NOA 99-0621.06

C. CALCULATIONS

See NOA 99-0621.06

D. MATERIAL CERTIFICATIONS

See NOA 99-0621.06

E. STATEMENTS

See NOA 99-0621.06



Helmy A. Makar, P.E.
Product Control Examiner
NOA No. 06-0424.01
Expiration Date: 08/19/2007
Approval Date: 07/13/2006

Hurst Awning Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. OTHER

See NOA 99-0621.06

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0624.05

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. STATEMENTS

1. Statement letter of no change, issued by Hurst Awning Co., Inc., signed by Frank Cornelius, dated 6/21/02.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0731.15

A. DRAWINGS

1. Drawing No. 02-373, titled "0.050" Aluminum Storm Panel", sheets 1 through 5 of 5, prepared by Knezevich & Associates, Inc., dated July 19, 2002, last revision #1 dated August 26, 2002, signed and sealed by V.J. Knezevich, P.E.

B. TESTS

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of 20 ga. Steel storm panels, prepared by Construction Testing Corporation, Report No. CTC-98-044, dated September 08, 1998, signed and sealed by Christopher G. Tyson, P.E.

C. CALCULATIONS

1. Comparative Analysis, Anchor Calculations and details for 0.050" Aluminum Storm Panels, dated July 22, 2002, pages 1 through 16, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.

D. MATERIAL CERTIFICATIONS

1. None.



Helmy A. Makar, P.E.
Product Control Examiner
NOA No. 06-0424.01
Expiration Date: 08/19/2007
Approval Date: 07/13/2006

Hurst Awning Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 06-342, titled "0.050" Aluminum Storm Panel", sheets 1 through 5 of 5, prepared by Thornton-Tomasetti Group, dated April 04, 2006, last revision #0 dated April 04, 2006, signed and sealed by J. W. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

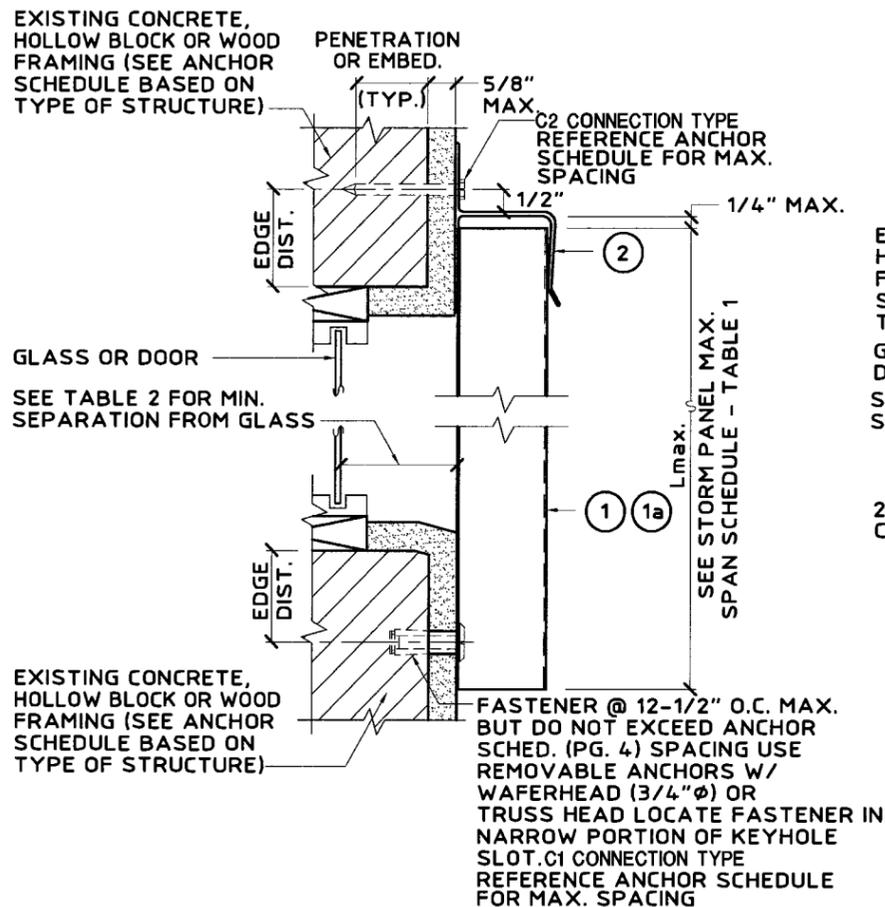
1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

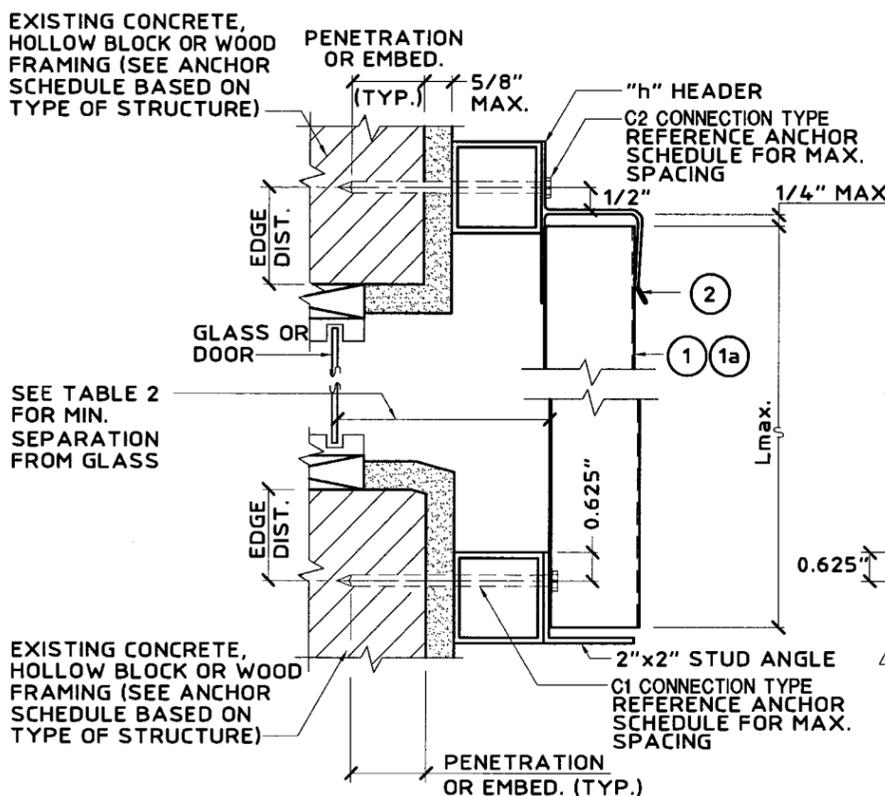
1. *None.*



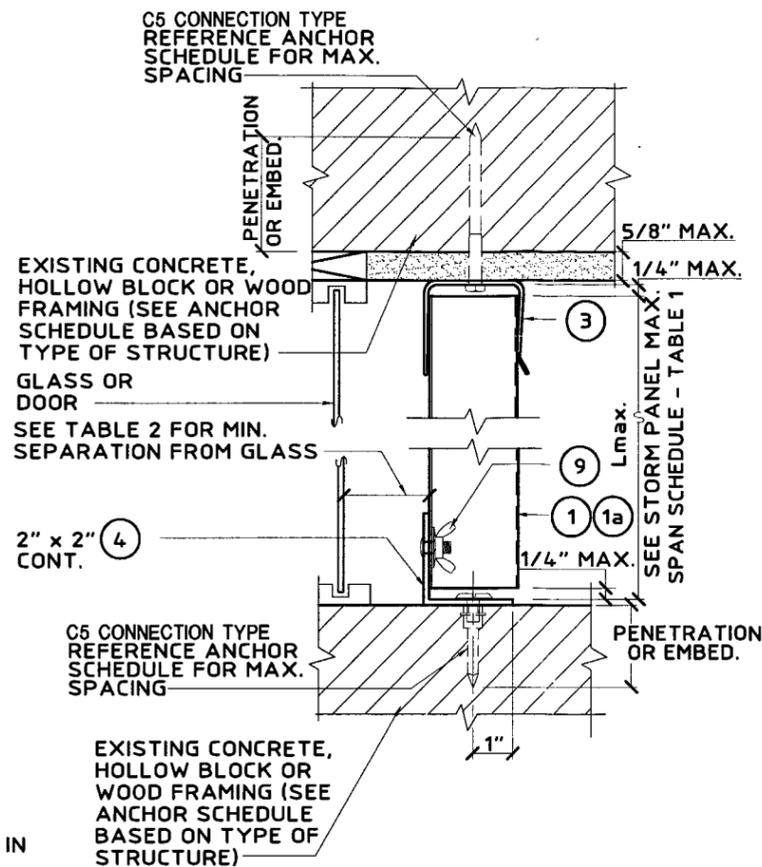
Helmy A. Makar, P.E.
Product Control Examiner
NOA No. 06-0424.01
Expiration Date: 08/19/2007
Approval Date: 07/13/2006



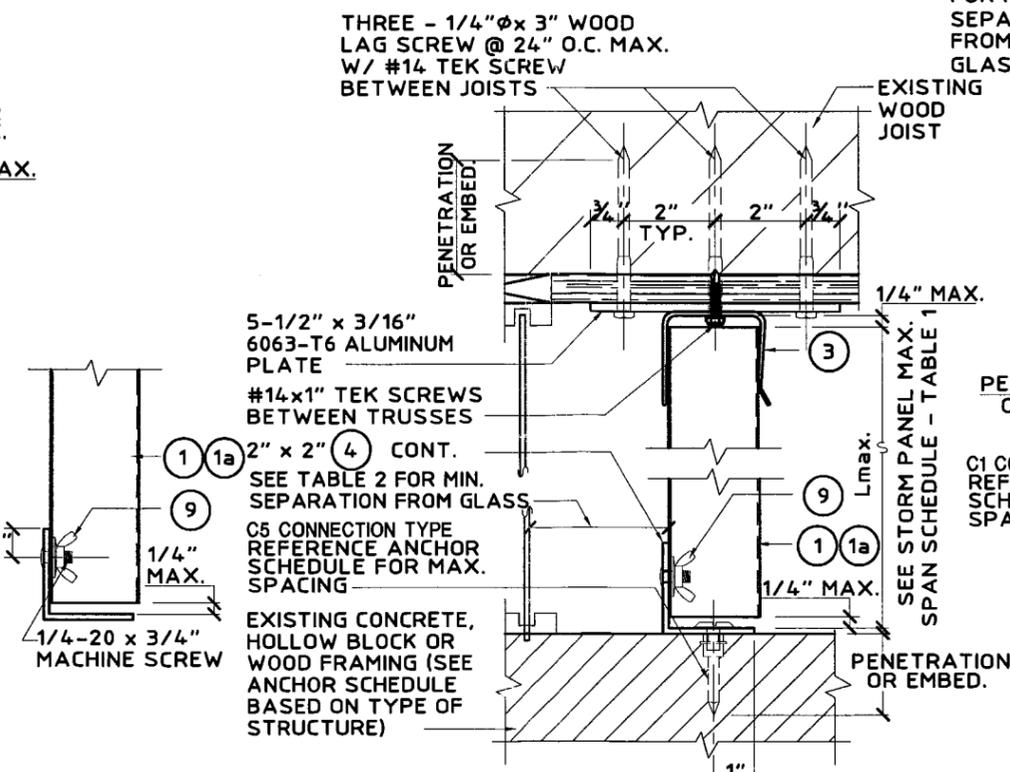
A WALL MOUNT SECTION
SCALE: 3" = 1'-0"



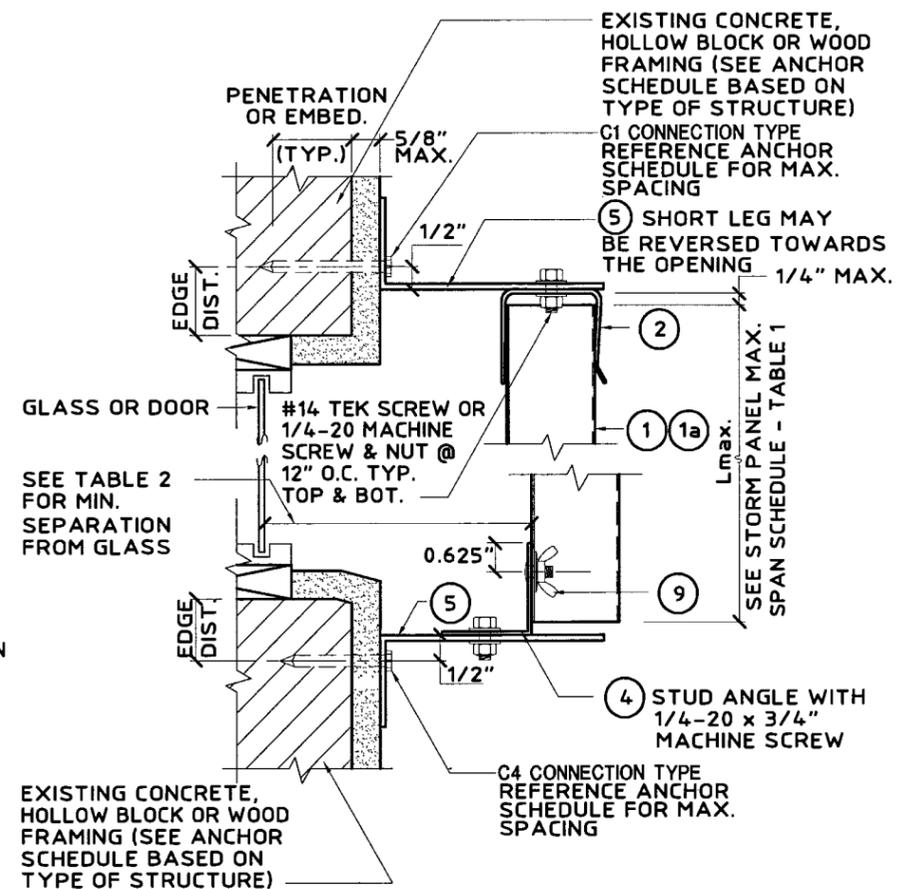
D WALL MOUNT SECTION
SCALE: 3" = 1'-0"



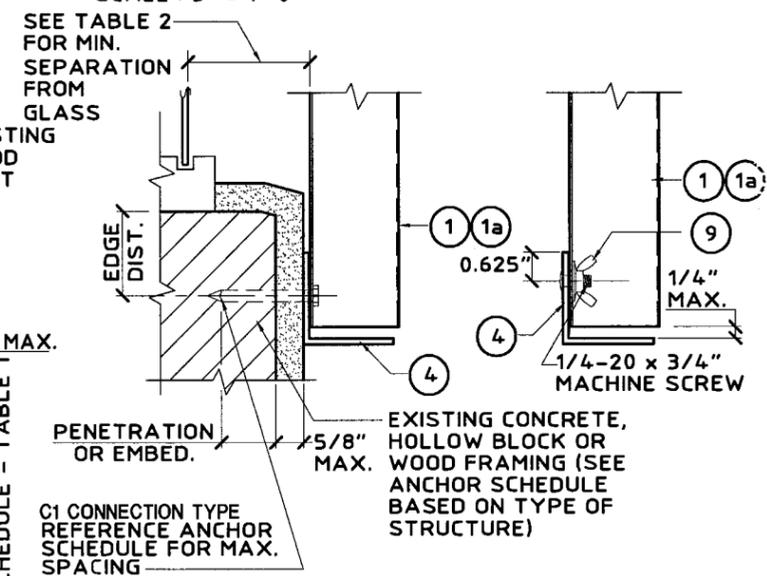
B CEILING/FLOOR MOUNT SECTION
SCALE: 3" = 1'-0"



E CEILING/FLOOR MOUNT SECTION
SCALE: 3" = 1'-0"



C WALL BUILD-OUT MOUNT SECTION
SCALE: 3" = 1'-0"



F WALL MOUNT SILL
SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0424.01
Expiration Date 08/19/2007
By *Helmut A. Mader*
Miami Dade Product Control
Division

Thornton-Tomasetti Group
330 N. Andrews Ave., Suite 450 • Ft. Lauderdale, FL 33301
Tel. (954) 522-3690 • Fax (954) 522-3691 • COA # 7519
Website: www.TheTTGroup.com

0.050" ALUMINUM STORM PANEL
Manufacturers of Hurricane & Security Protection Products
6865 N.W. 36th Avenue
Miami, Florida 33147
Phone: (305) 635-0900
Toll Free: (800) 327-0905
Fax: (305) 634-9078

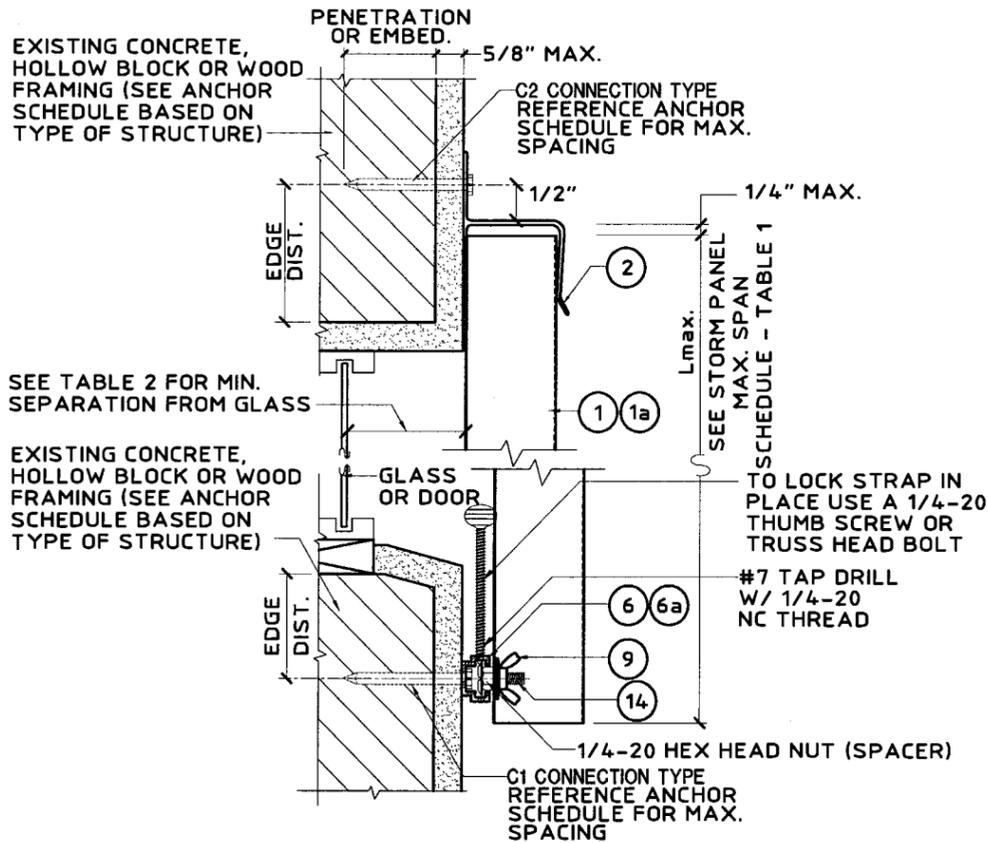
HURST
AWNING COMPANY, INC.
"QUALITY SERVICE SINCE 1957"

J.W. Knezevich
Professional Engineer
FL License No.: PE 6041961

APR 04 2006

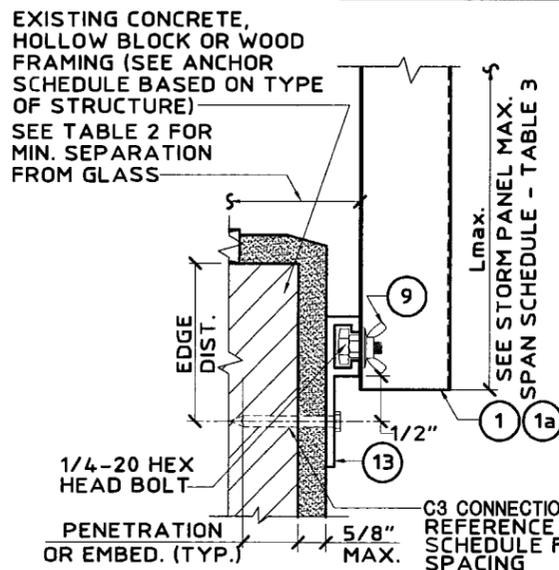
no	date	by	description
0	04/04/2006	JWK	PREVIOUSLY DRAWING NO. 02-373

date	04/04/2006
scale	AS NOTED
design by	JWK
checked by	JWK
drawing no.	06-342
sheet	2 of 5

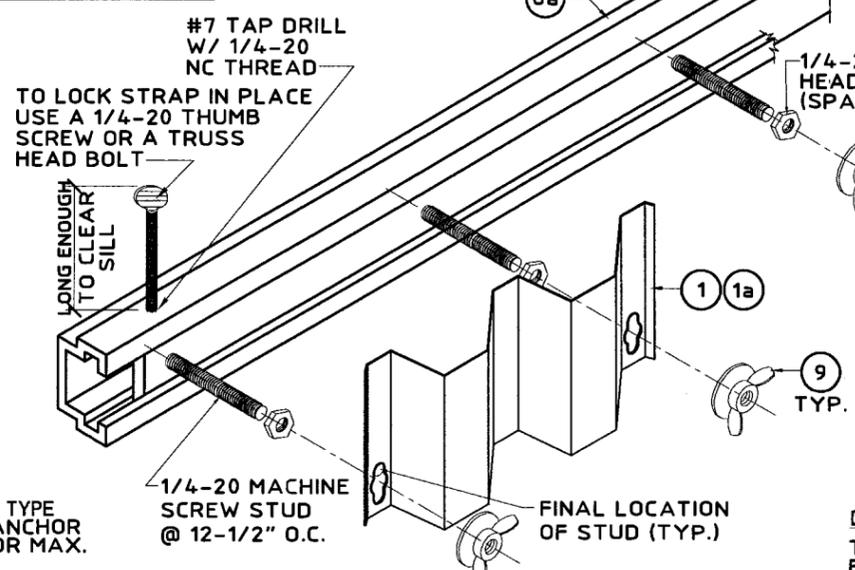


G WAFER HEAD BOLT ASSEMBLY
SCALE: 3" = 1'-0"
1/4-20 NUT IS NOT NECESSARY IF NOT USED AS INSIDE MOUNT

DESIGN LOAD W (PSF)	L MAX. (FT-IN)
70.0	7 - 11
80.0	7 - 5
90.0	7 - 0



H WALL MOUNT F-TRACK SECTION
SCALE: 3" = 1'-0"

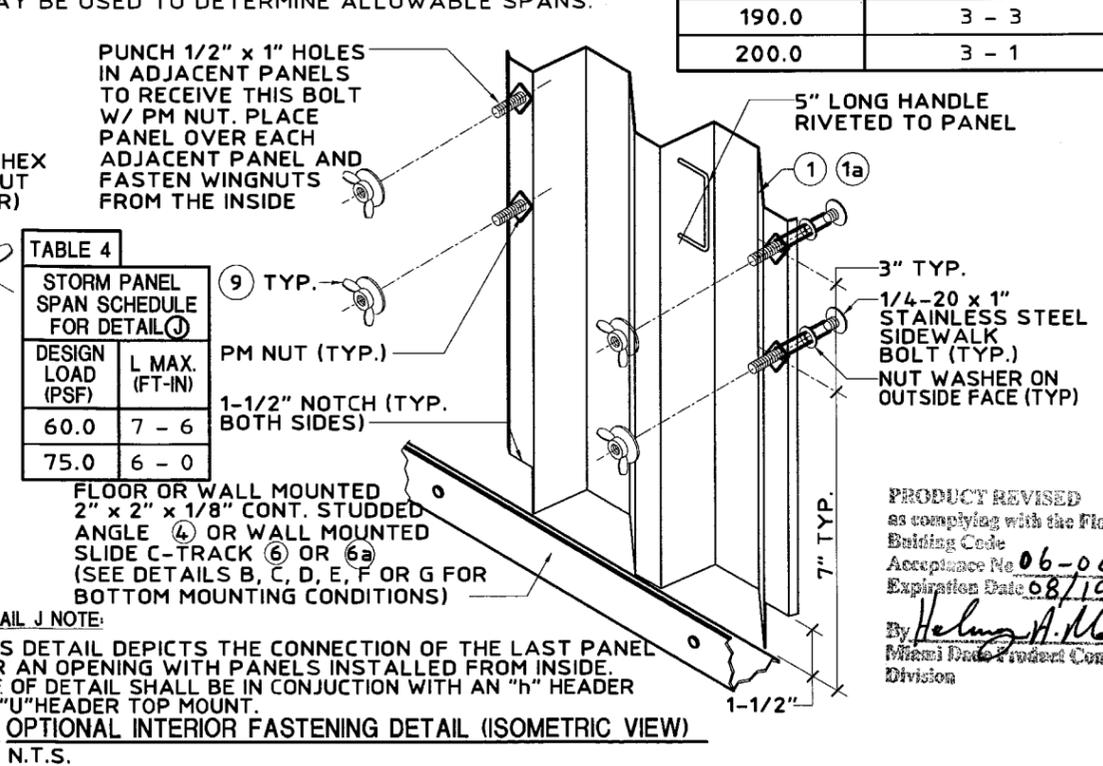


I 3/4" STRAP ASSEMBLY (SILL ONLY - ISOMETRIC VIEW)
SIDEWALK BOLT ASSEMBLY FOR **G** -SIMILAR (NO STRAP)
N.T.S.

DESIGN LOAD(W) (PSF)	ACTUAL SHUTTER SPAN (FT - IN)	MINIMUM SEPARATION FOR INSTALLATIONS 30' OR LESS ABOVE GRADE (INCHES)		MINIMUM SEPARATION FOR INSTALLATIONS GREATER THAN 30' ABOVE GRADE (INCHES)	
		WITH STRAP	WITHOUT STRAP	WITH STRAP	WITHOUT STRAP
35.0	7 - 0	2	2-3/4	1-1/2	1-1/2
	8 - 6	2-1/4	3	2	2
	10 - 6	3	3-3/4	3	3
40.0	7 - 0	2	2-3/4	1-1/2	1-1/2
	8 - 6	2-1/4	3	2	2
	10 - 1	3	3-3/4	3	3
50.0	7 - 0	2	2-3/4	1-3/4	1-3/4
	8 - 6	2-1/4	3	2-1/4	2-1/4
	9 - 4	2-3/4	3-3/4	2-3/4	2-3/4
60.0	6 - 0	2	2-3/4	1-1/2	1-1/2
	7 - 0	2-1/2	2-3/4	1-3/4	1-3/4
	8 - 6	2-1/2	3	2-1/2	2-1/2
70.0	6 - 0	2	2-3/4	1-1/2	1-1/2
	7 - 0	2	2-3/4	1-7/8	1-7/8
	7 - 11	2-3/8	3-3/4	2-3/8	2-3/8

- NOTES:**
- ENTER TABLE 1 WITH NEGATIVE DESIGN LOAD TO DETERMINE MAX. PANEL SPAN. POSITIVE LOADS LESS THAN OR EQUAL TO THE NEGATIVE LOAD ARE ACCEPTABLE.
 - ENTER TABLE 2 WITH POSITIVE DESIGN LOAD TO DETERMINE MIN. SEPARATION FROM GLASS.
 - FOR DESIGN LOADS BETWEEN TABULATED VALUES, USE NEXT HIGHER LOAD OR LINEAR INTERPOLATION MAY BE USED TO DETERMINE ALLOWABLE SPANS.

NEGATIVE DESIGN LOAD W (PSF)	FOR ALL MOUNTING CONDITIONS EXCEPT F-TRACK SEE DETAIL H
	L MAX. (FT-IN)
30.0	10 - 6
35.0	10 - 6
41.6	10 - 1
45.0	9 - 10
50.0	9 - 4
55.0	8 - 11
60.0	8 - 6
62.0	8 - 5
65.0	8 - 2
70.0	7 - 11
72.0	7 - 9
75.0	7 - 8
80.0	7 - 5
90.0	7 - 0
100.0	6 - 3
110.0	5 - 8
120.0	5 - 3
130.0	4 - 10
140.0	4 - 6
150.0	4 - 2
160.0	3 - 11
170.0	3 - 8
180.0	3 - 6
190.0	3 - 3
200.0	3 - 1



J OPTIONAL INTERIOR FASTENING DETAIL (ISOMETRIC VIEW)
N.T.S.

Thornton-Tomasetti Group
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"QUALITY SERVICE SINCE 1957"

J.W. Knezevich
Professional Engineer
FL Licence No.: PE 0041961

APR 04 2006

no.	date	by	description
0	04/04/2006	JWK	PREVIOUSLY DRAWING NO. 02373

date: 04/04/2006
scale: AS NOTED
design by: JWK
checked by: JWK
drawing no.: 06-342
sheet 3 of 5

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 06-0424.01
Expiration Date 08/19/2007
By: *Helmut A. Mader*
Miami Dade Student Control Division

ANCHOR SCHEDULE

FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS

EXIST. STRUC.	ANCHOR TYPE	LOAD (W) P.S.F. MAX. (SEE NOTE 1)	MIN. 2" EDGE DISTANCE															MIN. 3" EDGE DISTANCE														
			SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 10'-6" (SEE NOTE 1)					SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 10'-6" (SEE NOTE 1)				
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)				
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
CONCRETE		35.3	16	16	16	16	15	16	9	16	16	8	16	6.25	16	16	7	16	16	16	16	16	10	16	16	16	10	16	7	16	16	8
		47.2	16	16	16	16	11	14	5	14	14	6.25	12	3	11	12	5	16	16	16	16	13	16	5	16	16	8	13	4	12	13	6.25
		62.2	16	8	16	16	8	11	3	7	11	4	9	5	9	4	16	9	16	16	10	12	3	8	12	6	10	3	5	10	5	
		72.0	16	6.25	16	16	7	9	5	9	4	9	5	9	4	16	7	16	16	9	10	3	5	10	5	10	3	5	10	5		
		122.0	9	5	9	4	9	5	9	4	9	5	9	4	11	3	6	11	5	10	3	5	10	5	10	3	5	10	5			
		35.3	16	16	16	16	16	16	13	16	16	12	16	8	16	16	10	16	16	16	16	16	13	16	16	14	16	9	16	16	11	
		47.2	16	16	16	16	16	16	7	16	16	9	16	5	15	16	7	16	16	16	16	16	7	16	16	10	16	5	16	16	8	
		62.2	16	12	16	16	12	16	4	11	16	7	13	4	7	13	6	16	12	16	16	14	16	5	11	16	8	14	4	7	13	6.25
		72.0	16	9	16	16	10	13	4	7	13	6	13	4	7	13	6	16	9	16	16	12	14	4	7	14	7	14	4	7	13	6.25
		122.0	14	4	7	14	6.25	13	4	7	13	6	13	4	7	13	6	14	4	8	14	7	14	4	7	13	6.25	14	4	7	13	6.25
		35.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	10	12.5	10	12.5	12.5	8	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
		47.2	12.5	12.5	12.5	12.5	12.5	8	12.5	12.5	7	12.5	6.25	12.5	12.5	6	12.5	12.5	12.5	12.5	12.5	12.5	11	12.5	12.5	12	12.5	8	12.5	12.5	9	
		62.2	12.5	12.5	12.5	12.5	9	12.5	5	12.5	12.5	5	12.5	4	8	12.5	4	12.5	12.5	12.5	12.5	12.5	12.5	7	12.5	12.5	9	12.5	5	10	12.5	7
		72.0	12.5	11	12.5	12.5	8	12.5	4	8	12.5	4	12.5	4	8	12.5	4	12.5	12.5	12.5	12.5	12.5	12.5	5	10	12.5	7	12.5	5	10	12.5	7
		122.0	12.5	4	9	12.5	5	12.5	4	8	12.5	4	12.5	4	8	12.5	4	12.5	6	11	12.5	8	12.5	5	10	12.5	7	12.5	5	10	12.5	7
		35.3	16	16	16	16	12	16	7	16	16	7	13	5	13	13	6	16	16	16	16	15	16	8	16	16	9	14	5	14	14	7
		47.2	16	14	16	16	9	12	4	12	12	5	9	3	9	9	4	16	16	16	16	11	13	4	13	13	6.25	11	3	10	11	5
		62.2	15	7	15	15	7	9	6.25	9	4	7	4	7	3	16	8	16	16	8	10	3	7	10	5	8	4	8	4	8	4	
		72.0	13	5	13	13	6.25	7	4	7	3	7	4	7	3	15	6	15	15	7	8	4	8	4	8	4	8	4	8	4		
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	35.3	16	16	16	16	16	16	11	16	16	9	16	7	16	16	7	16	16	16	16	16	12	16	16	11	16	8	16	16	9		
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	62.2	16	11	16	16	10	14	4	10	14	5	12	3	6	11	4	16	11	16	16	10	15	4	10	15	6	12	3	6	12	5	
	72.0	16	8	16	16	8	12	3	6	12	5	12	3	6	11	4	16	8	16	16	9	13	3	6	13	5	12	3	6	12	5	
	122.0	12	3	6	12	5	12	3	6	11	4	12	3	6	11	4	13	3	7	13	5	12	3	6	12	5	12	3	6	12	5	

SEE PAGE 5 FOR COMPLETE ANCHOR NOTES.

ANCHOR SCHEDULE

FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS

EXIST. STRUC.	ANCHOR TYPE	LOAD (W) P.S.F. MAX. (SEE NOTE 1)	MIN. 3/4" EDGE DISTANCE																											
			SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 10'-6" (SEE NOTE 1)																	
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)																	
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5													
WOOD		35.3	16	16	16	16	16	16	16	16	11	16	16	16	11	16	16	16	16	9										
		47.2	16	16	16	16	14	16	13	16	16	8	16	10	16	16	6.25	16	7	13	16	5								
		62.2	16	16	16	16	11	16	9	16	16	6.25	16	7	13	16	5	16	7	13	16	5								
		72.0	16	16	16	16	9	16	7	13	16	5	16	7	13	16	5	16	7	13	16	5								
		122.0	16	7	14	16	5	16	7	13	16	5	16	7	13	16	5	16	7	13	16	5								
		35.3	16	16	16	16	16	16	16	16	16	14	16	16	16	14	16	16	16	16	11									
		47.2	16	16	16	16	16	16	13	16	16	10	16	10	16	16	8	16	10	16	16	8								
		62.2	16	16	16	16	13	16	9	16	16	8	16	7	13	16	6.25	16	7	13	16	6.25								
		72.0	16	16	16	16	11	16	7	13	16	6.25	16	7	13	16	6.25	16	7	13	16	6.25								
		122.0	16	7	14	16	7	16	7	13	16	6.25	16	7	13	16	6.25	16	7	13	16	6.25								
	35.3	12.5	12.5	12.5	12.5	12.5	8	12.5	12.5	8	12.5	5	10	12.5	7	12.5	12.5	12.5	12.5	12.5	12.5	11	12.5	12.5	12	12.5	8	12.5	12.5	9
	47.2	12.5	12.5	12.5	12.5	10	12.5	4	8	12.5	4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	7	12.5	12.5	9	12.5	5	10	12.5	7
	62.2	12.5	8	12.5	12.5	7	10	3	7	10	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	
	72.0	12.5	6	12.5	12.5	6.25	8	4	8	3	8	4	8	3	8	4	8	3	8	4	8	3	8	4	8	3	8	4		
	122.0	9	5	9	4	8	4	8	3	8	4	8	3	8	4	8	3	8	4	8	3	8	4	8	3	8	4			

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 06-0424-01
 Expiration Date 08/19/2007
 By *Heather A. M...*
 Miami Dade Product Control
 Division

Thornton-Tomasetti Group
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HURST
 ALUMINUM COMPANY, INC.
 "QUALITY SERVICE SINCE 1957"

J.W. Knezevich
 Professional Engineer
 Fl. License No.: PE 0011961

APR 04 2006

no.	date	description
0	04/04/2006	JWK

PREVIOUSLY DRAWING NO. 02-573

date 04/04/2006

scale AS NOTED drawn by MCR

design by JWK checked by JWK

drawing no. 06-342

sheet 4 of 5

ANCHOR SCHEDULE

FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS

EXIST. STRUC.	ANCHOR TYPE	LOAD (W) P.S.F. MAX. (SEE NOTE 1)	MIN. 2" EDGE DISTANCE															MIN. 3" EDGE DISTANCE														
			SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 10'-6" (SEE NOTE 1)					SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 10'-6" (SEE NOTE 1)				
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)				
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
HOLLOW CONCRETE BLOCK		35.3	16	16	16	16	8	10	4	10	10	5	8	3	8	8	4	16	16	16	16	10	12	5	12	12	6	9	3	9	9	5
		47.2	13	9	13	13	6.25	8	8	8	3	6.25	5	6.25	3	15	10	15	15	7	9	3	9	9	4	7	6.25	7	3			
		62.2	10	4	10	10	5	6	4	6	5	5	5	5	11	5	11	11	6	6.25	4	6.25	3	5	3	5	3	5	3	5		
		72.0	9	3	9	9	4	5	5	5	5	5	5	5	10	4	10	10	5	5	3	5	3	5	3	5	3	5	3	5		
		122.0	5	5	5	5	5	5	5	5	5	5	5	5	6	3	6	3	5	3	5	3	5	3	5	3	5	3	5			
		35.3	16	16	16	16	12	13	6.25	13	13	7	11	4	11	11	5	16	16	16	16	15	16	7	16	16	8	14	5	14	14	7
		47.2	16	12	16	16	9	10	3	10	10	5	8	7	8	4	16	15	16	16	11	12	4	12	12	6.25	10	3	9	10	5	
		62.2	13	6	13	13	7	7	5	7	4	6.25	3	6.25	3	16	7	16	16	8	9	3	6.25	9	5	8	4	8	4			
		72.0	11	4	11	11	6	6.25	3	6.25	3	6.25	3	6.25	3	14	5	14	14	7	8	4	8	4	8	4	8	4	8	4		
		122.0	6.25	3	6.25	3	6.25	3	6.25	3	6.25	3	6.25	3	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4		
		35.3	16	16	16	16	11	15	7	15	15	6.25	13	5	13	13	5	16	16	16	16	13	16	7	16	16	7	13	5	13	13	6.25
		47.2	16	14	16	16	8	11	4	11	11	4	9	3	8	9	4	16	14	16	16	9	12	4	12	12	5	10	3	9	10	4
		62.2	15	7	15	15	6.25	8	6.25	8	3	7	4	7	3	16	7	16	16	7	9	6.25	9	4	7	4	7	3				
		72.0	13	5	13	13	5	7	4	7	3	7	4	7	3	13	5	13	13	6.25	7	4	7	3	7	4	7	3				
		122.0	7	4	7	3	7	4	7	3	7	4	7	3	8	4	8	3	7	4	7	3	7	4	7	3	7	4	7	3		
		35.3	12.5	12.5	12.5	12.5	9	12.5	6.25	12.5	12.5	5	11	4	11	11	4	12.5	12.5	12.5	12.5	12.5	12.5	7	12.5	12.5	8	12.5	5	12.5	12.5	7
		47.2	12.5	12	12.5	12.5	7	10	3	10	10	4	8	7	8	3	12.5	12.5	12.5	12.5	11	12.5	4	12.5	12.5	6.25	10	3	9	10	5	
		62.2	12.5	6	12.5	12.5	5	7	5	7	3	6.25	3	6.25	3	12.5	7	12.5	12.5	8	9	3	6.25	9	4	8	4	8	4			
		72.0	11	4	11	11	4	6.25	3	6.25	6.25	3	6.25	3	6.25	12.5	5	12.5	12.5	7	8	4	8	4	8	4	8	4	8	4		
		122.0	6.25	3	6.25	6.25	3	6.25	6.25	3	6.25	6.25	3	6.25	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4		
		35.3	16	16	16	16	9	11	5	11	11	5	9	3	9	9	4	16	16	16	16	10	11	5	11	11	5	9	3	9	9	4
		47.2	14	9	14	14	7	8	3	8	8	4	6.25	6.25	6.25	3	14	9	14	14	7	8	3	8	8	4	6.25	6.25	6.25	3		
		62.2	11	4	11	11	5	6.25	4	6.25	3	5	5	5	5	11	4	11	11	5	6.25	4	6.25	3	5	5	5	5	5	5		
		72.0	9	3	9	9	4	5	5	5	5	5	5	5	5	9	3	9	9	5	5	5	5	5	5	5	5	5	5	5		
122.0		5	3	5	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5			
	35.3	16	16	16	16	16	16	11	16	16	9	16	7	16	16	7	16	16	16	16	16	16	12	16	16	11	16	8	16	16	9	
	47.2	16	16	16	16	12	16	6.25	16	16	7	14	4	13	14	5	16	16	16	16	15	16	7	16	16	8	16	5	15	16	7	
	62.2	16	10	16	16	9	13	4	9	13	5	11	3	6	11	4	16	11	16	16	11	15	4	10	15	6.25	13	3	6.25	12	5	
	72.0	16	8	16	16	8	11	3	6.25	11	4	11	3	6	11	4	16	9	16	16	10	13	3	7	13	5	13	3	6.25	12	5	
	122.0	12	3	6.25	12	4	11	3	6	11	4	11	3	6	11	4	13	3	7	13	5	13	3	6.25	12	5	13	3	6.25	12	5	
	35.3	16	16	16	16	9	10	4	10	10	5	8	3	8	8	4	16	16	16	16	11	11	5	11	11	6.25	9	3	9	9	5	
	47.2	13	9	13	13	6.25	7	7	7	3	6.25	5	6.25	3	15	10	15	15	8	8	3	8	8	4	7	6.25	7	3				
	62.2	10	4	10	10	5	5	4	5	3	5	4	5	4	11	5	11	11	6	6.25	4	6.25	3	5	5	5	5	3				
	72.0	8	3	8	8	4	5	5	5	5	5	5	5	5	9	3	9	9	5	5	5	5	5	5	5	5	5	5	5			
	122.0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	5	3	5	5	5	5	5	5	5	5	5	5	5			

ANCHOR NOTES:

- SPANS AND LOADS SHOWN HERE ARE FOR DETERMINING ANCHOR SPACING ONLY. ALLOWABLE STORM PANEL SPANS FOR SPECIFIC LOADS MUST BE LIMITED TO THOSE SHOWN IN TABLE 1.
- ENTER ANCHOR SCHEDULE BASED ON THE EXISTING STRUCTURE MATERIAL, ANCHOR TYPE AND EDGE DISTANCE. SELECT DESIGN LOAD GREATER THAN OR EQUAL TO NEGATIVE DESIGN LOAD ON STORM PANEL AND SELECT SPAN GREATER THAN OR EQUAL TO STORM PANEL SPAN.
- EXISTING STRUCTURE MAY BE CONCRETE, HOLLOW BLOCK OR WOOD FRAMING. REFERENCE ANCHOR SCHEDULE FOR PROPER ANCHOR TYPE BASED ON TYPE OF EXISTING STRUCTURE AND APPROPRIATE CONNECTION TYPE. SEE MOUNTING SECTION DETAILS FOR IDENTIFICATION OF CONNECTION TYPE.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES WALL FINISH OR STUCCO.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, WOOD FRAMING CONDITIONS VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD. FASTENING TO PLYWOOD IS ACCEPTABLE ONLY FOR SIDE CLOSURE PIECES.
- WHERE LAG SCREWS FASTEN TO NARROW FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF NOMINAL 2" x 4" (MIN.) WOOD STUD. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR WOOD FRAMING. WOOD STUD SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY. LAG SCREWS SHALL HAVE PHILLIPS PAN HEAD OR HEX HEAD.
- MACHINE SCREWS SHALL HAVE A MINIMUM OF 1/2" ENGAGEMENT OF THREADS TO EMBEDDED CALK-IN AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD (SIDEWALK BOLT), FOR DIRECT MOUNT USE ONLY SIDEWALK BOLTS OR TRUSS HEAD BOLTS. LOCATE FASTENER IN NARROW PORTION OF KEYHOLE SLOT.
- DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE USES.
- DESIGNATES ANCHORS WHICH ARE REMOVABLE BY REMOVING MACHINE SCREW, NUT OR WASHERED WINGNUT. REMOVABLE ANCHORS ARE REQUIRED FOR DIRECT MOUNT @ 6-1/4" OR 12-1/2" O.C. MAX. SPACING ONLY. SPACINGS SHALL NOT EXCEED VALUE SPECIFIED IN ANCHOR SCHEDULE.

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HURST
 ANWING COMPANY, INC.
 "QUALITY SERVICE SINCE 1957"

J.W. Knezevich
 Professional Engineer
 FL License No.: PE 0041961

APR 04 2006

no	date	by	description
0	04/04/2006	JWK	PREVIOUSLY DRAWING NO. 02-373

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 06-0424.01
 Expiration Date 08/19/2007
 By *Helmut A. Mada*
 Miami Dade Product Control
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date 04/04/2006
 scale AS NOTED drawn by MCR
 design by JWK checked by JWK
 drawing no. 06-342
 sheet 5 of 5