



**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

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov](http://www.miamidade.gov)

**Hurst Awning Company, Inc.**  
 6865 N.W. 36<sup>th</sup> Avenue  
 Miami, Florida 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: 0.0312”(min.) Galvanized Steel Storm Panels Shutter**

**APPROVAL DOCUMENT:** Drawing No. 06-343, titled “ The 24 Steel Storm Panel Shutter ”, sheets 1 through 6 of 6, 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 Renewal 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 **renews NOA #06-0410.01** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
 06/07/2007

**NOA No 07-0322.04**  
**Expiration Date: 08/30/2012**  
**Approval Date: 06/07/2007**  
 Page 1

**Hurst Awning Company, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0627.01**

**A. DRAWINGS**

1. Drawing No. 02-267, titled "The 24 Steel Storm Panel Shutter", sheets 1 through 6 of 6, prepared by Knezevich & Associates, Inc., dated June 25, 2002, last revision #2 dated August 30, 2002, signed and sealed by V. J. Knezevich, P.E.

**B. TESTS**

1. Test report on
  - 1) Uniform Static Air Pressure test, per SFBC PA 202-94
  - 2) Large Missile Impact Test, per SFBC PA 201-94
  - 3) Cyclic Wind Pressure Loading per SFBC PA 203-94along with marked-up drawings and installation diagram of 0.0312" Galvanized Steel Storm Panels Shutter, prepared by Construction Testing Corporation, Test Report No. 02-005, dated April 11, 2002, signed and sealed by Yamil G. Kuri, P.E.
2. Test report on
  - 1) Uniform Static Air Pressure test, per SFBC PA 202-94
  - 2) Large Missile Impact Test, per SFBC PA 201-94
  - 3) Cyclic Wind Pressure Loading per SFBC PA 203-94along with marked-up drawings and installation diagram of 0.050" Aluminum Storm Panels Shutter, prepared by Construction Testing Corporation, Test Report No. 99-023, dated May 14, 1999, signed and sealed by Yamil G. Kuri, P.E.  
***This test is used to qualify the Slide Track Assembly.***

**C. CALCULATIONS**

1. Comparative Analysis and Anchor Calculations, pages 01 through 47, prepared by Knezevich and Associates Inc., dated June 24, 2002, signed and sealed by V.J. Knezevich, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Mill Certificate from Charter Steel Trading Co., Inc.
2. Tensile Test Report.

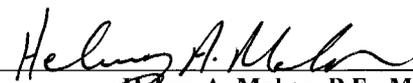
**E. STATEMENTS**

1. Statement letter of conformance by Knezevich and Associates Inc., dated June 24, 2002, signed and sealed by V.J. Knezevich, P.E.

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 06-0410.01**

**A. DRAWINGS**

1. Drawing No. 06-343, titled "The 24 Steel Storm Panel Shutter", sheets 1 through 6 of 6, 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.



Helmy A. Makar, P.E., M.S.  
Product Control Examiner  
NOA No 07-0322.04  
Expiration Date: 08/30/2012  
Approval Date: 06/07/2007

**Hurst Awning Company, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**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.*

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

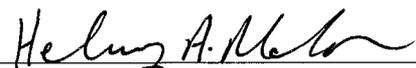
1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATION:**

1. *None.*



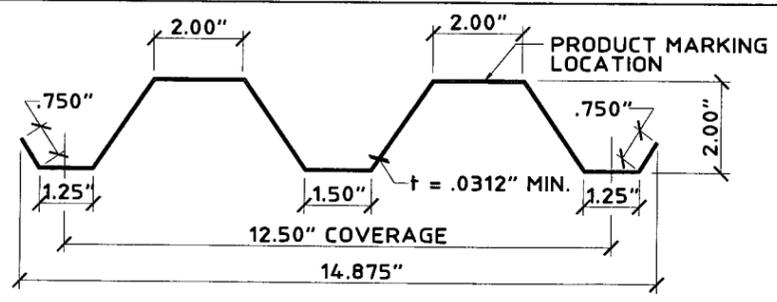
**Helmy A. Makar, P.E., M.S.**

**Product Control Examiner**

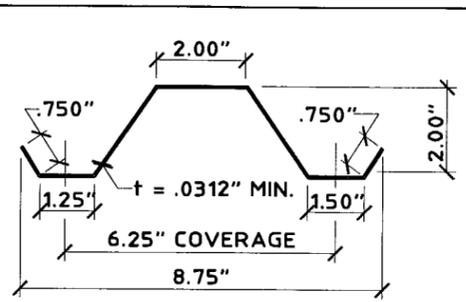
**NOA No 07-0322.04**

**Expiration Date: 08/30/2012**

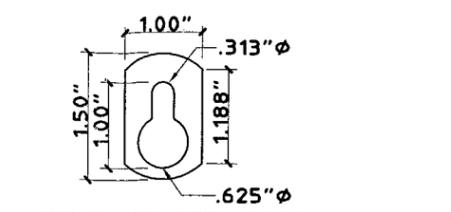
**Approval Date: 06/07/2007**



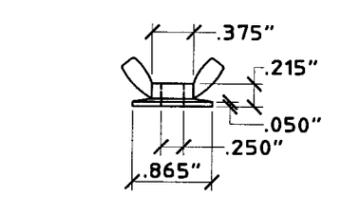
1 GALVANIZED STEEL STORM PANEL  
SCALE: 3" = 1' - 0"



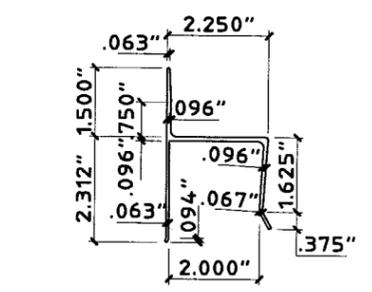
2 GALVANIZED STEEL HALF STORM PANEL  
SCALE: 3" = 1' - 0"



3 (1/16 GALVANIZED STEEL) KEYHOLE WASHER (OPTIONAL)  
SCALE: HALF SIZE



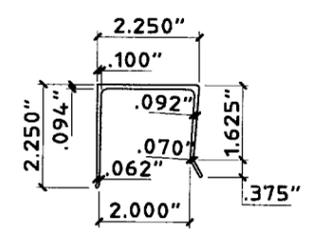
4 (ZAMAC 3 ALLOY) WASHERED WINGNUT  
SCALE: HALF SIZE



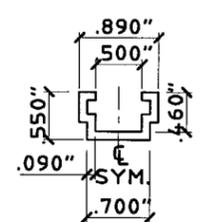
5 "h" HEADER  
SCALE: 3" = 1' - 0"

GENERAL NOTES:

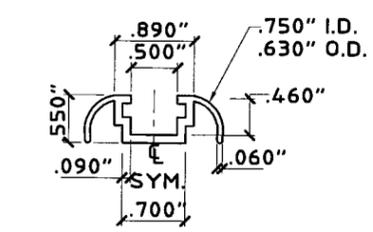
1. THESE APPROVAL DOCUMENTS REPRESENT A SHUTTER SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE 2004 EDITION WITH 2005 SUPPLEMENT.
2. NO ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD LAG SCREW DESIGN.
3. DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH ASCE 7-02, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  SHALL BE USED.
4. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
5. USE OF THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
6. THESE APPROVAL DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN.
7. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
8. WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
  - A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
  - B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION
9. PRODUCT MARKINGS SHALL BE WITHIN 12" OF ONE END OF THE PANEL WITH A MIN. OF ONE MARKING PER PANEL, AND SHALL BE LABELED AS FOLLOWS:  
 HURST AWNING CO., INC.  
 MIAMI, FLORIDA  
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
10. STORM PANELS SHALL BE GALVANIZED STEEL CONFORMING TO A.S.T.M. A653, SQ, GRADE 80 G90 GALVANIZED COATING AND WITH THE FOLLOWING BARE METAL AND GALVANIZED THICKNESSES, AND MECHANICAL PROPERTIES:  
 0.0297" MIN. BARE METAL THICKNESS (B.M.T.), WITH A MIN.  $F_y = 80.0$  KSI  
 0.0312" MIN. THICKNESS (AFTER GALVANIZING)
11. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N
12. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI OR APPROVED COATED HARDWARE.
13. TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE, EXCEPT FOR "h" AND "U" HEADER MOUNTING CONDITIONS.



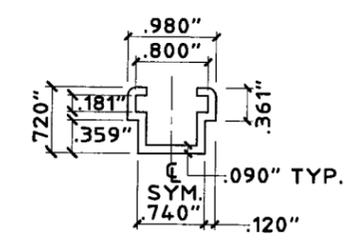
6 "U" HEADER  
SCALE: 3" = 1' - 0"



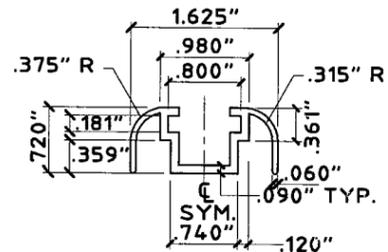
7 C-TRACK  
SCALE: HALF SIZE



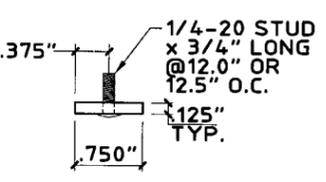
8 C-TRACK (FINISH)  
SCALE: HALF SIZE



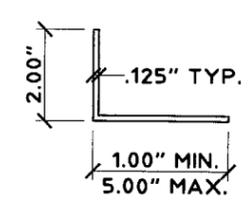
9 SLIDE C-TRACK  
SCALE: HALF SIZE



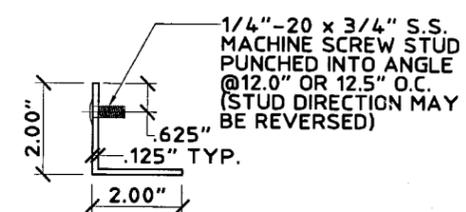
10 SLIDE C-TRACK (FINISH)  
SCALE: HALF SIZE



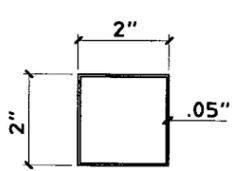
11 STUDDED STRAP (SLIDER)  
SCALE: HALF SIZE



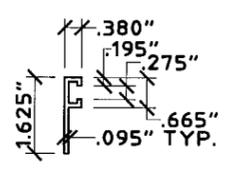
12 ANGLE  
SCALE: 3" = 1' - 0"



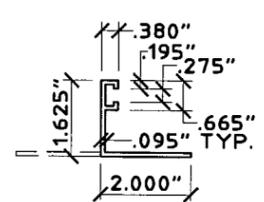
13 STUD ANGLE  
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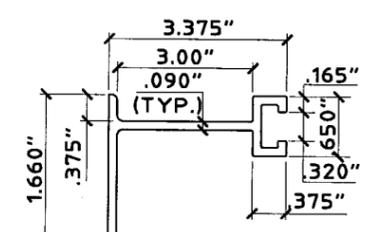
14 2' x 2' x 0.05' TUBE  
SCALE: HALF SIZE



15 F-TRACK  
SCALE: 3" = 1' - 0"



16 E-TRACK  
SCALE: 3" = 1' - 0"



17 BUILD-OUT F-TRACK  
SCALE: HALF SIZE

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-0322.04  
 Expiration Date 08/30/2012  
 By Helmut A. Melon  
 Miami Dade Product Control  
 Division

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0416.01  
 Expiration Date 08/30/2007  
 By Helmut A. Melon  
 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  
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**THE 24 STEEL STORM PANEL SHUTTER**  
 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

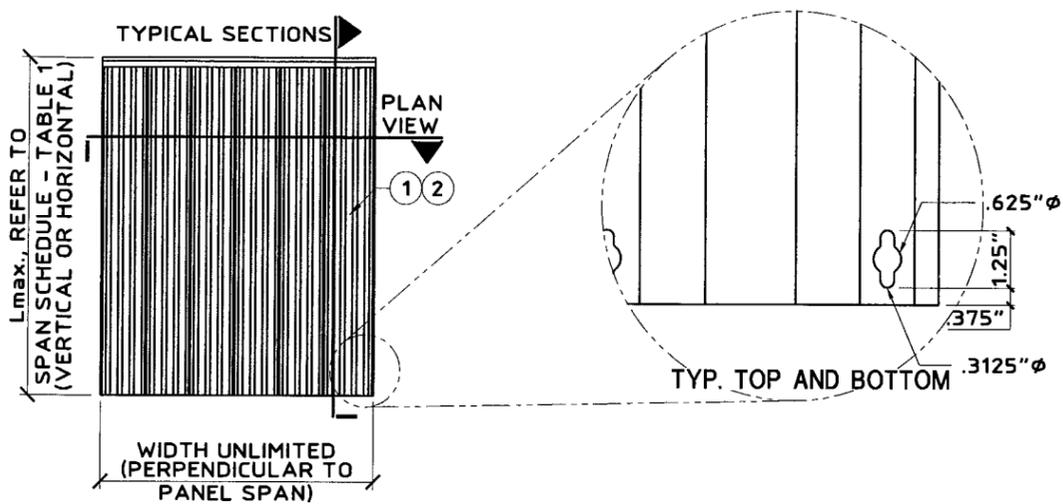
J.W. Knezevich  
 Professional Engineer  
 FL License No.: P2 0011961

APR 04 2006

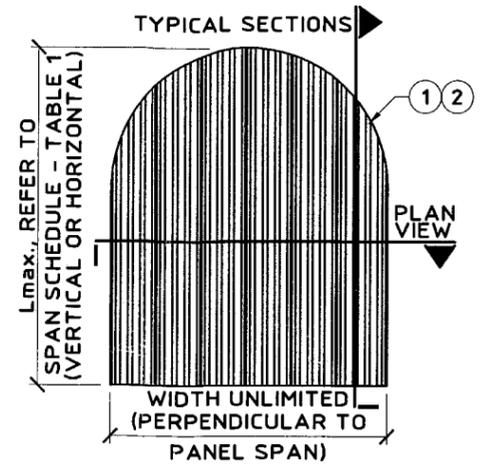
no.	date	description
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PREVIOUSLY DRAWING NO. 02-267

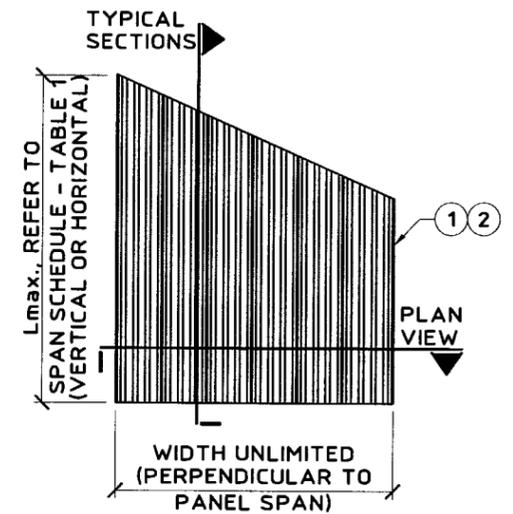
date 04/04/2006  
 scale AS NOTED  
 design by JWK  
 checked by JWK  
 drawing no. 06-343  
 sheet 1 of 6



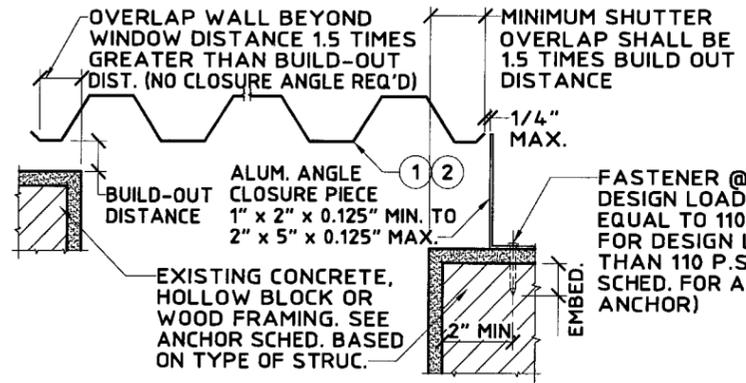
**A** PANEL ELEVATION  
SCALE: 1/4" = 1' - 0"



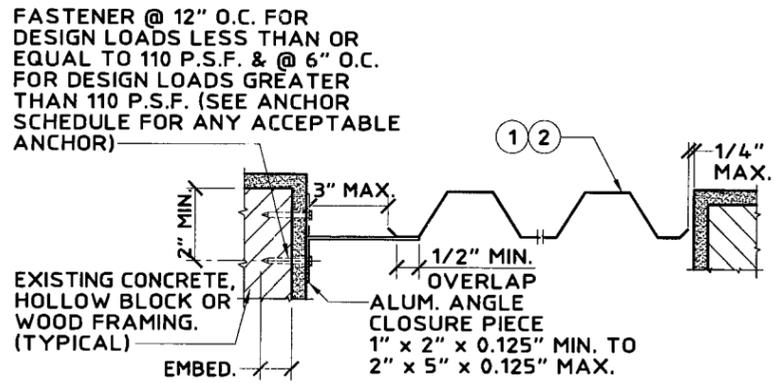
**B** ROUND PANEL ELEVATION  
SCALE: 1/4" = 1' - 0"



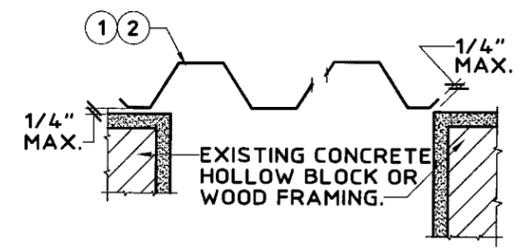
**C** MITER PANEL ELEVATION  
SCALE: 1/4" = 1' - 0"



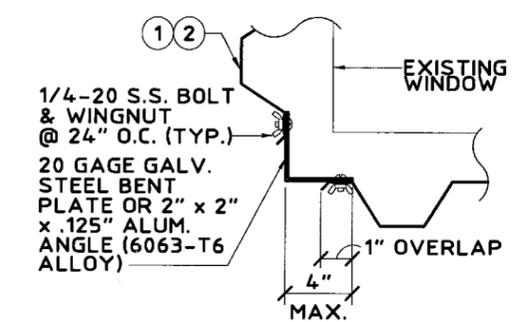
**D** BUILD-OUT MOUNT CLOSURE DETAIL  
SCALE: 1-1/2" = 1' - 0"



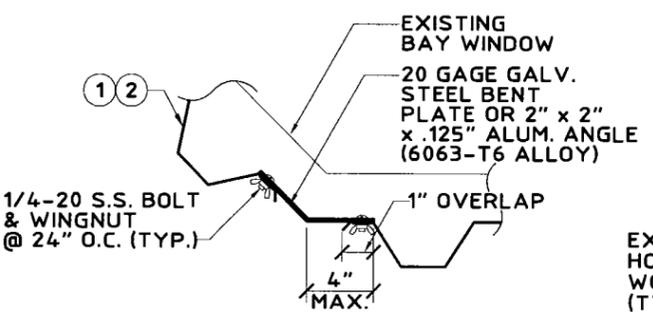
**E** TRAP MOUNT CLOSURE DETAIL  
SCALE: 1-1/2" = 1' - 0"



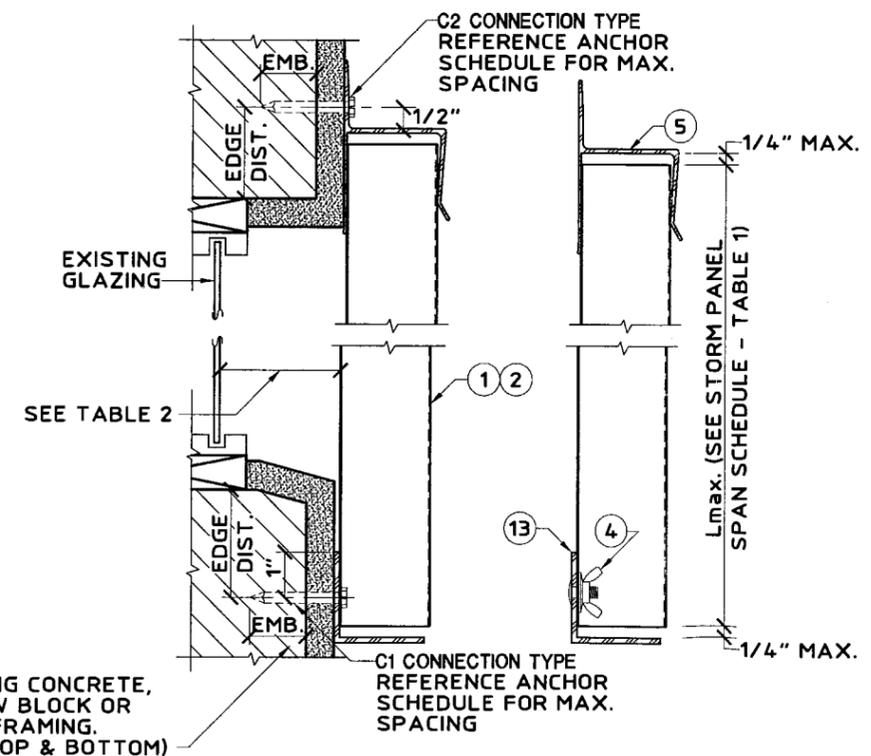
**F** WALL MOUNT CLOSURE DETAIL  
SCALE: 1-1/2" = 1' - 0"



**G** CORNER CLOSURE DETAIL  
SCALE: 1-1/2" = 1' - 0"



**H** CORNER CLOSURE DETAIL  
SCALE: 1-1/2" = 1' - 0"



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

**Thornton-Tomasetti Group**  
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**THE 24 STEEL STORM PANEL SHUTTER**  
Manufacturers of Hurricane & Security Protection Products  
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Phone: (305) 635-0900  
Toll Free: (800) 327-0905  
Fax: (305) 634-9078  
**HURST**  
AWNING COMPANY, INC.  
"QUALITY SERVICE SINCE 1977"

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

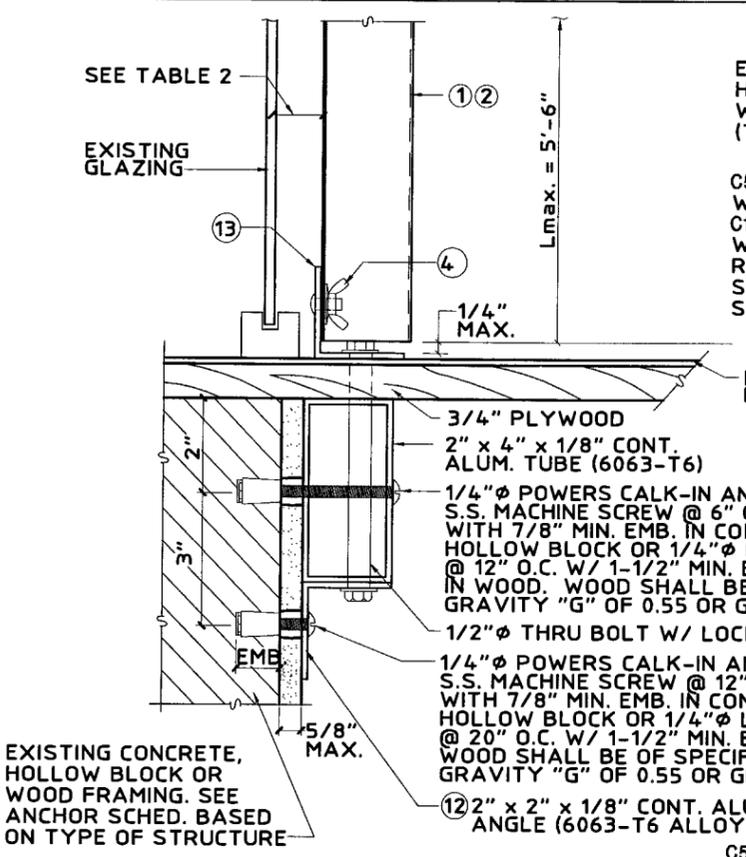
APR 04 2006

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Miami Date Product Control Division

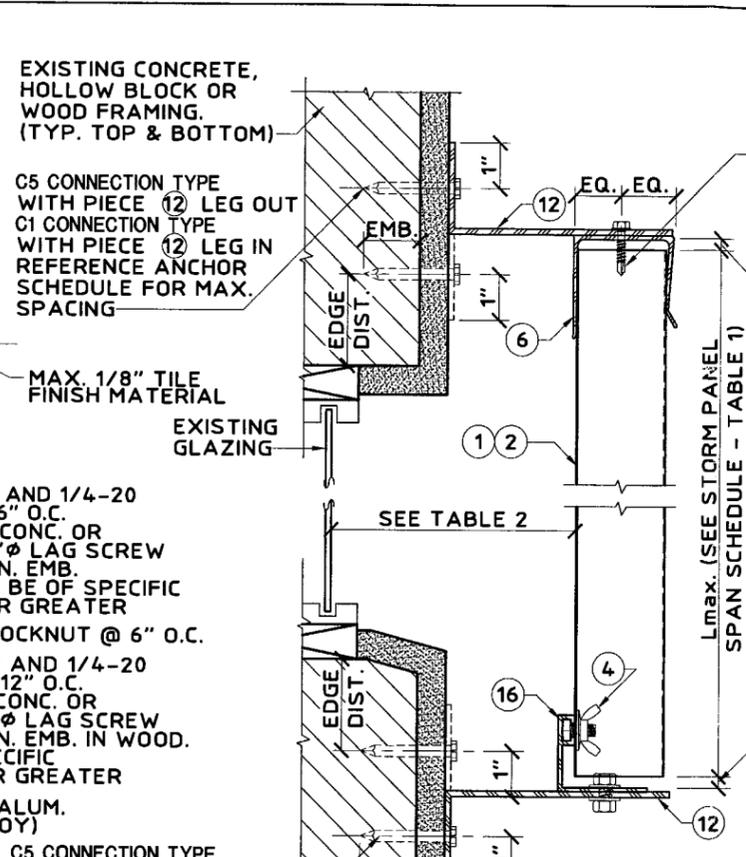
**PRODUCT REVISED**  
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Miami Date Product Control Division

no.	date	by	description
0	04/04/2006	JWK	PREVIOUSLY DRAWING NO. 02-267
1	04/04/2006	JWK	AS NOTED

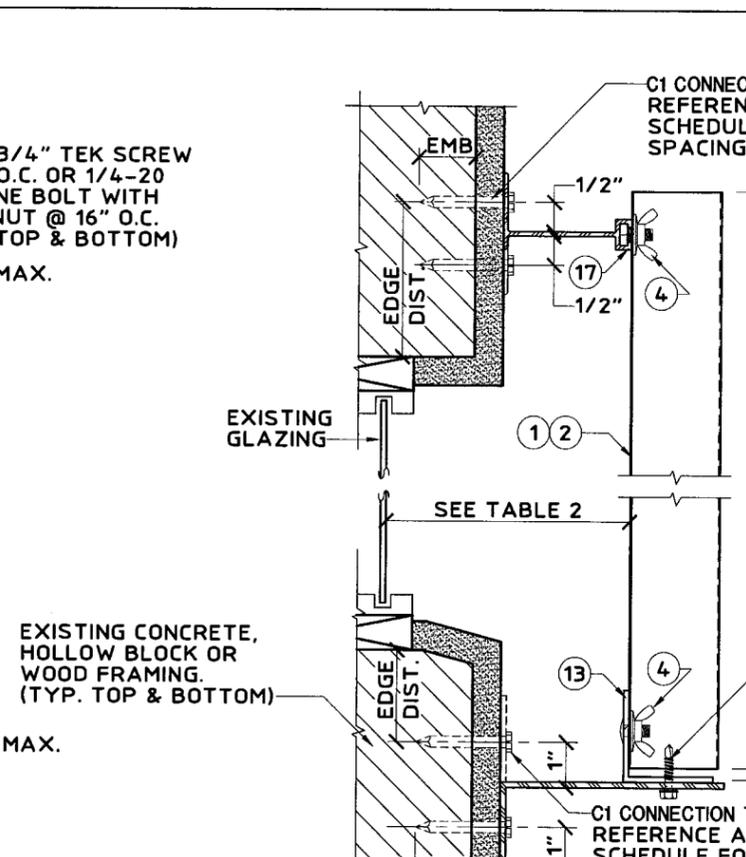
date 04/04/2006  
scale AS NOTED  
AS NOTED  
design by JWK  
checked by JWK  
drawing no. 06-343  
sheet 2 of 6



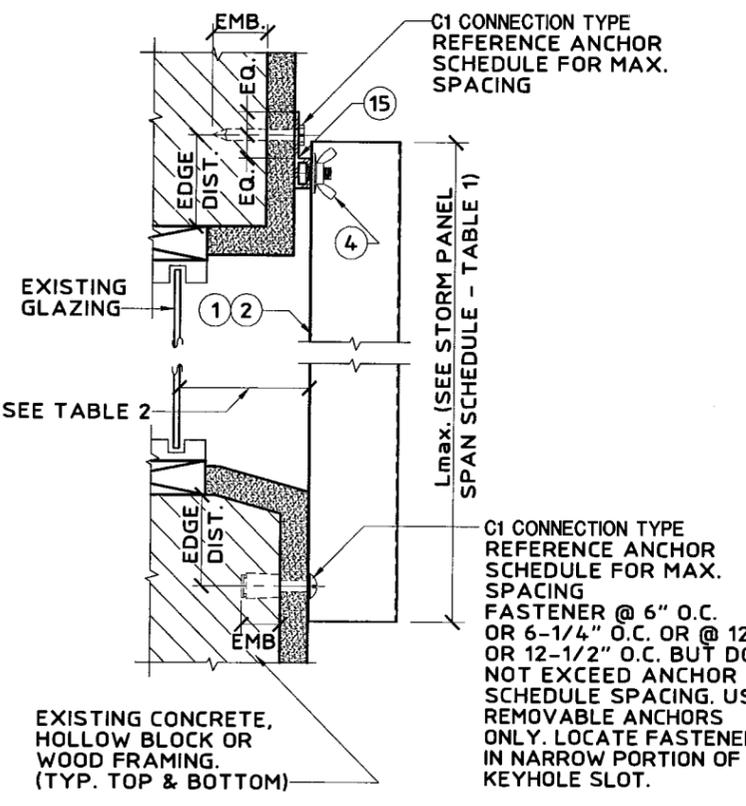
(K) 'PASS THRU' DETAIL  
SCALE: 3" = 1' - 0"



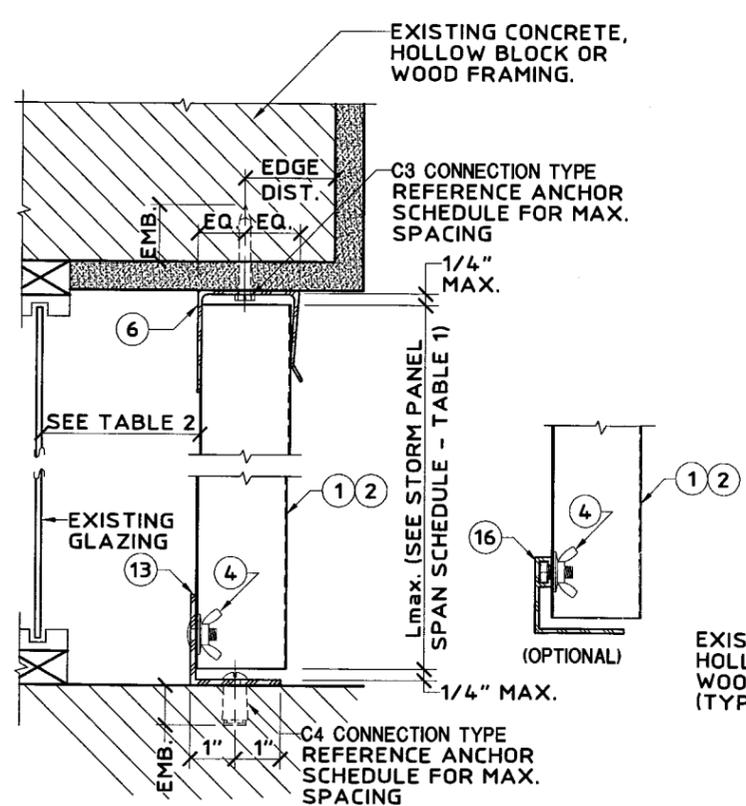
(L) BUILD-OUT MOUNT SECTION  
SCALE: 3" = 1' - 0"



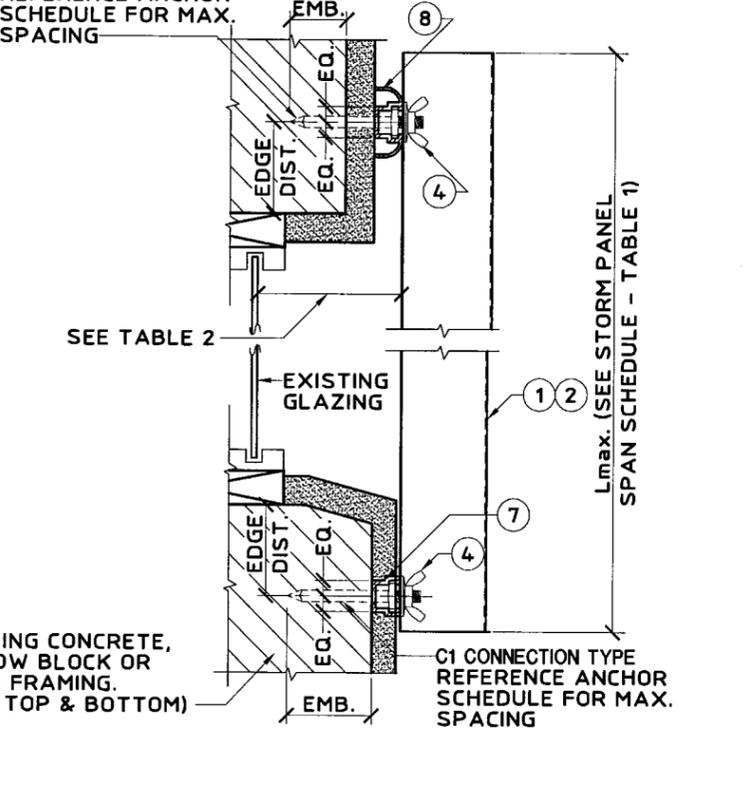
(M) BUILD-OUT MOUNT SECTION  
SCALE: 3" = 1' - 0"



(N) 'F' TRACK/DIRECT MOUNT SECTION  
SCALE: 3" = 1' - 0"



(P) CEILING / FLOOR MOUNT SECTION  
SCALE: 3" = 1' - 0"



(Q) FINISH TRACK / PRE-STUCCO TRACK  
SCALE: 3" = 1' - 0"

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**PRODUCT REVISED**  
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By Helmy A. Matar  
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**Thornton-Tomasetti Group**  
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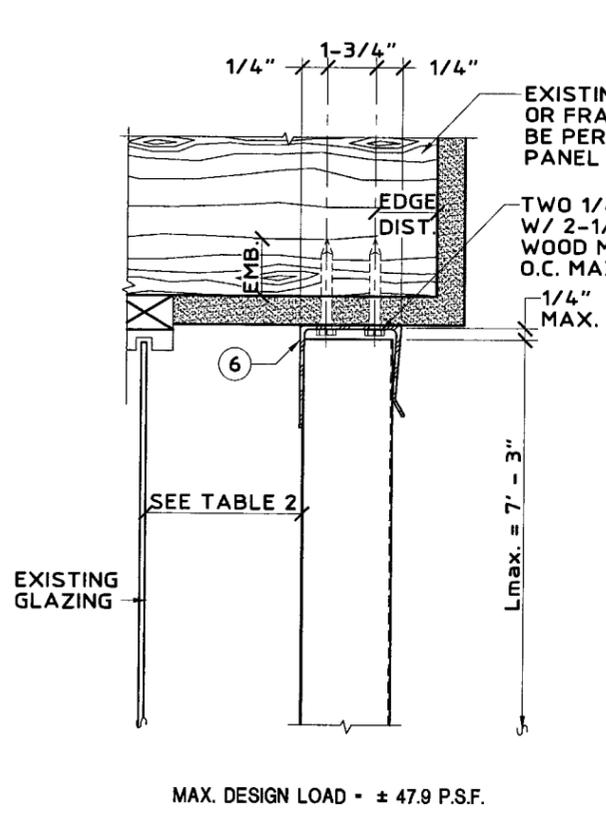
**THE 24 STEEL STORM PANEL SHUTTER**  
Manufacturers of Hurricane & Security Protection Products  
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Phone: (305) 635-0900  
Toll Free: (800) 327-0905  
Fax: (305) 634-9078  
**HURST**  
ANNING COMPANY, INC.  
"QUALITY SERVICE SINCE 1957"

J.W. Knezevich  
Professional Engineer  
FL License No.: PE 0641961

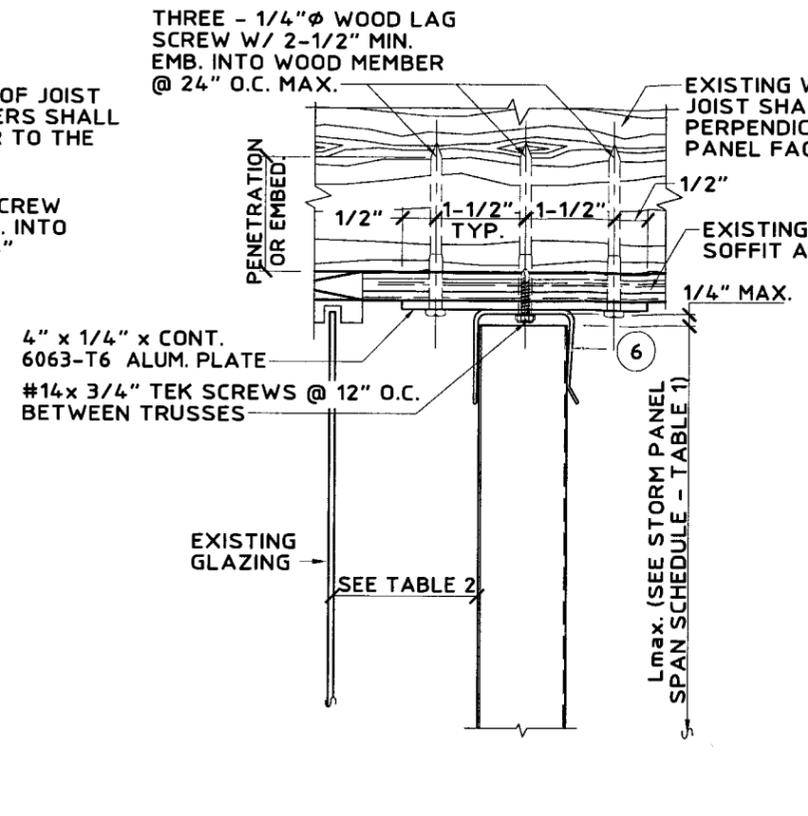
APR 04 2006

no.	date	by	description
0	04/04/2006	JWK	PREVIOUS DRAWING NO. 02-747

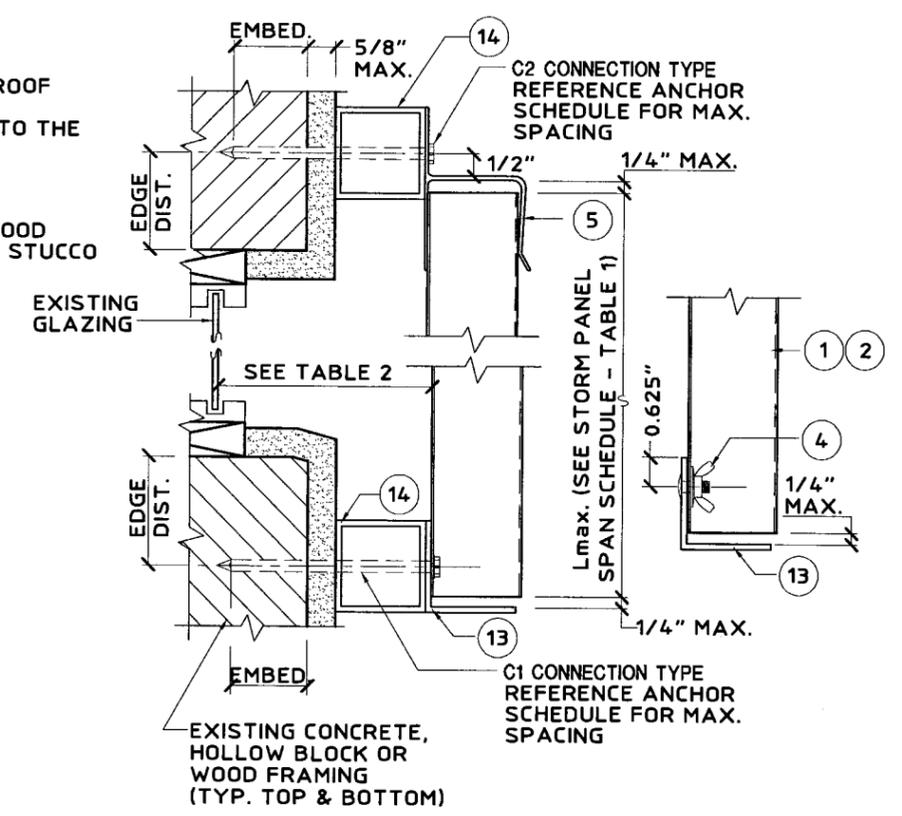
date 04/04/2006  
scale AS NOTED  
design by JWK  
drawing no. 06-343  
sheet 3 of 6



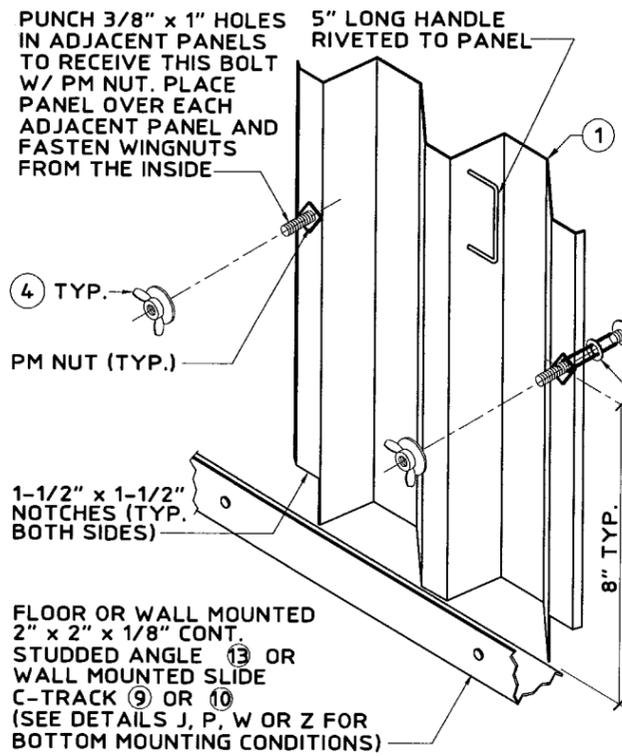
MAX. DESIGN LOAD - ± 47.9 P.S.F.



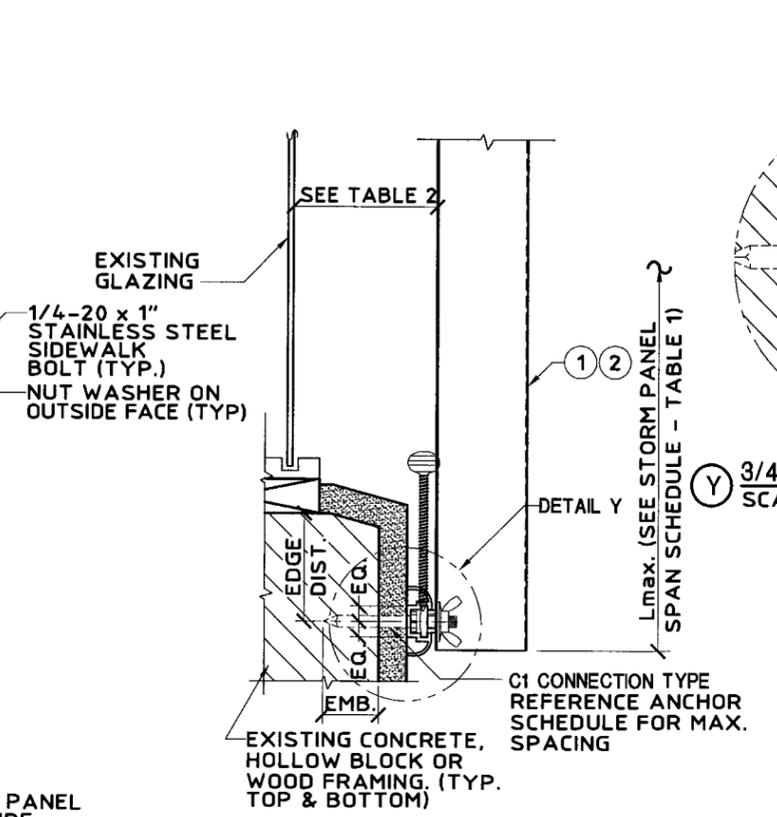
S CEILING/FLOOR MOUNT SECTION  
SCALE: 3" = 1'-0"



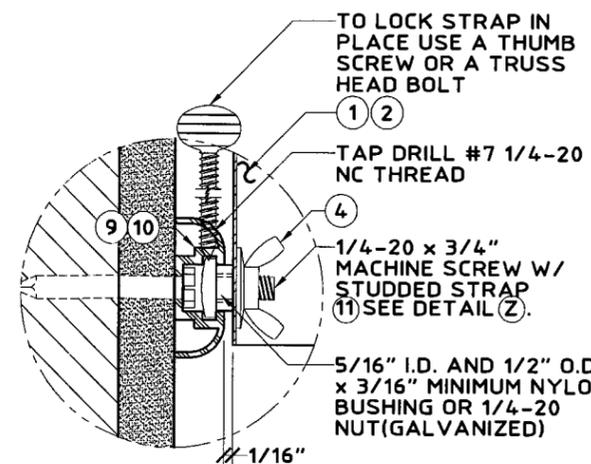
U WALL MOUNT SECTION  
SCALE: 3" = 1'-0"



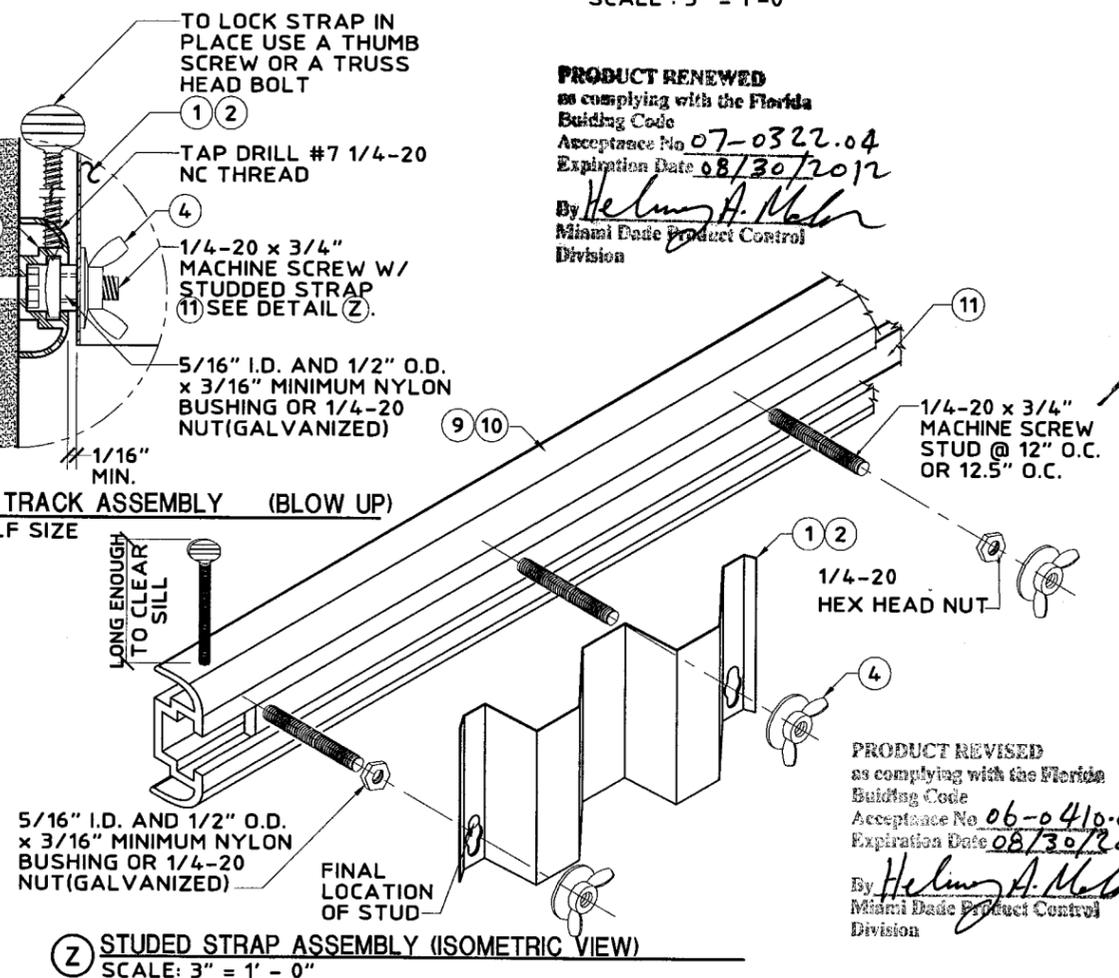
V OPTIONAL INTERIOR FASTENING DETAIL (ISOMETRIC)  
N.T.S.



W SLIDE TRACK ASSEMBLY - INSIDE MOUNT  
SCALE: 3" = 1'-0"



Y 3/4\"/>



Z STUDED STRAP ASSEMBLY (ISOMETRIC VIEW)  
SCALE: 3" = 1'-0"

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-0322.04  
 Expiration Date 08/30/2012  
 By *Helmut A. Melzer*  
 Miami Dade Product Control  
 Division

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**HURST**  
 A WINING COMPANY, INC.  
 "QUALITY SERVICE SINCE 1957"

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

APR 04 2006

no.	date	description
0	04/04/2006	JWK

revisions

date 04/04/2006  
 scale AS NOTED  
 design by JWK  
 drawing no. 06-343  
 sheet 4 of 6



EXIST. STRUC.		LOAD (W) P.S.F. MAX. (SEE NOTE 1)		ANCHOR SCHEDULE																												
				FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																												
				MIN. 2" EDGE DISTANCE										MIN. 3" EDGE DISTANCE																		
				SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 8'-7" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)																		
ANCHOR TYPE		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																
HOLLOW CONCRETE BLOCK		35.3	16	16	11	8	16	10	10	6.25	5	10	7	7	4	3	7	16	16	14	10	16	12	12	8	6	12	8	8	5	4	8
		47.2	13	13	8	6.25	13	8	8	5	3	8	5	4	3	5	15	15	10	7	15	9	9	6	4	9	6.25	4	4	3	6.25	
		62.2	10	10	6.25	5	10	6	4	3	5	5	5	3	5	10	10	7	5	10	5	3	4	3	5	5	3	4	5	5	3	4
		72.0	9	9	5	4	9	5	3	3	5	5	3	5	5	10	10	7	5	10	5	3	4	3	5	5	3	4	5	5	3	4
		122.0	5	3	3	5	5	3	3	5	5	3	5	5	3	5	6	3	4	3	6	5	3	4	5	5	3	4	5	5	3	4
		35.3	16	16	16	12	16	13	13	9	7	13	9	9	6.25	5	9	16	16	16	15	16	16	16	12	8	16	12	12	8	6.25	12
		47.2	16	16	12	9	16	10	10	7	5	10	7	5	5	3	7	16	16	15	11	16	12	12	8	6.25	12	9	6.25	6.25	4	9
		62.2	13	13	9	7	13	7	6	5	4	7	6.25	3	4	3	6.25	16	16	11	8	16	9	7	6.25	5	9	8	4	5	4	8
		72.0	11	11	8	6	11	6.25	3	4	3	6.25	6.25	3	4	3	6.25	14	14	10	7	14	8	4	5	4	8	8	4	5	4	8
		122.0	6.25	4	4	3	6.25	6.25	3	4	3	6.25	6.25	3	4	3	6.25	8	5	6	4	8	8	4	5	4	8	8	4	5	4	8
		35.3	16	16	16	13	16	16	16	9	7	16	14	14	6.25	5	14	16	16	16	14	16	16	16	10	8	16	15	15	7	6	15
		47.2	16	16	12	9	16	15	15	7	5	15	11	7	5	4	11	16	16	14	11	16	16	16	8	6.25	16	11	8	5	4	11
		62.2	16	16	9	7	16	11	9	5	4	11	9	5	4	3	9	16	16	10	8	16	12	9	6	4	12	10	5	5	4	10
		72.0	16	16	7	6.25	16	10	5	4	3	10	9	5	4	3	9	16	16	9	7	16	10	6	5	4	10	10	5	5	4	10
		122.0	10	6	4	3	10	9	5	4	3	9	9	5	4	3	9	10	6.25	5	4	10	10	5	5	4	10	10	5	5	4	10
		35.3	16	16	12	9	16	13	13	7	5	13	9	9	5	4	9	16	16	16	14	16	16	16	11	8	16	12	12	8	6	12
		47.2	16	16	9	7	16	10	10	5	4	10	7	5	3	3	7	16	16	14	11	16	12	12	8	6.25	12	9	6.25	6	4	9
		62.2	13	13	7	5	13	7	6	4	3	7	6.25	3	3	6.25	16	16	11	8	16	9	7	6.25	4	9	8	4	5	4	8	
		72.0	11	11	6	4	11	6.25	3	3	6.25	6.25	3	3	6.25	14	14	9	7	14	8	4	5	4	8	8	4	5	4	8		
		122.0	6.25	4	3	6.25	6.25	3	3	6.25	6.25	3	3	6.25	8	5	5	4	8	8	4	5	4	8	8	4	5	4	8			
	35.3	16	16	16	16	16	16	16	12	10	16	16	16	9	7	16	16	16	16	16	16	16	16	13	10	16	16	16	9	7	16	
	47.2	16	16	16	13	16	16	16	9	7	16	12	8	7	5	12	16	16	16	13	16	16	16	9	7	16	12	8	7	5	12	
	62.2	16	16	12	9	16	12	10	7	5	12	11	6.25	6.25	4	11	16	16	13	10	16	13	10	7	5	13	11	6.25	6.25	5	11	
	72.0	16	16	11	8	16	11	6.25	6.25	4	11	11	6.25	6.25	4	11	16	16	11	8	16	11	6.25	6.25	5	11	11	6.25	6.25	5	11	
	122.0	11	6.25	6.25	5	11	11	6.25	6.25	4	11	11	6.25	6.25	4	11	12	7	6.25	5	12	11	6.25	6.25	5	11	11	6.25	6.25	5	11	

SEE PAGE 4 FOR COMPLETE ANCHOR NOTES.

TABLE 1 NOTE:

1. ENTER TABLE 1 WITH NEGATIVE DESIGN LOAD TO DETERMINE MAX. PANEL LENGTH. POSITIVE LOADS LESS THAN OR EQUAL TO THE NEGATIVE LOAD ARE ACCEPTABLE. FOR DESIGN LOADS BETWEEN TABULATED VALUES, NEXT HIGHER LOAD OR LINEAR INTERPOLATION MAY BE USED TO DETERMINE ALLOWABLE SPANS.

TABLE 2 NOTE:

1. ENTER TABLE 2 WITH POSITIVE DESIGN LOAD TO DETERMINE MIN. STORM PANEL SEPARATION FROM GLASS.

**PRODUCT RENEWED**  
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Expiration Date 08/30/2012  
By Helmut A. Knevezich  
Miami Dade Product Control Division

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 06-0410.01  
Expiration Date 08/30/2007  
By Helmut A. Knevezich  
Miami Dade Product Control Division

T A B L E 1	MAX. ALLOWABLE STORM PANEL SPAN SCHEDULE	
	DESIGN LOAD (P.S.F.)	SPAN (FT - IN)
	30.0	12 - 0
	33.0	11 - 10
	35.0	11 - 7
	40.0	11 - 3
	40.7	11 - 2
	45.0	10 - 11
	50.0	10 - 5
	55.0	9 - 11
	59.3	9 - 7
	60.0	9 - 6
	62.0	9 - 4
	65.0	9 - 2
	70.0	8 - 10
	72.0	8 - 8
	75.0	7 - 11
	80.0	7 - 8
	90.0	7 - 0
	100.0	6 - 3
	105.0	6 - 0
	110.0	5 - 8
	120.0	5 - 3
	122.0	5 - 2

T A B L E 2	MINIMUM STORM PANEL SEPARATION FROM GLASS		
	POSITIVE DESIGN LOAD (W) (P.S.F.)	ACTUAL SPAN (L) (FT - IN)	COLUMN 1 MIN. SEP. FOR ALL INSTALLATIONS LESS THAN 30' ABOVE GRADE (INCHES)
30.0	6'-0"	2-3/4	1-1/4
	8'-8"	2-3/4	1-5/8
	12'-0"	3-3/8	3
40.0	6'-0"	2-3/4	1-1/4
	8'-8"	2-3/4	1-3/4
	11'-3"	3-3/8	3
50.0	6'-0"	2-3/4	1-3/8
	8'-8"	2-3/4	2
	10'-4"	3-3/8	2-7/8
60.0	6'-0"	2-3/4	1-3/8
	8'-8"	2-3/4	2-1/8
	9'-6"	3-3/8	2-1/2
70.0	6'-0"	2-3/4	1-3/8
	8'-8"	2-3/4	2-1/4
	8'-10"	3-3/8	2-3/8
80.0	5'-0"	2-3/4	1-1/4
	6'-0"	2-3/4	1-1/2
	7'-8"	2-3/4	2

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**HURST**  
AWNING COMPANY, INC.  
"QUALITY SERVICE SINCE 1937"

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APR 04 2006

no.	date	by	description
0	04/04/2006	JWK	PREVIOUSLY DRAWING NO. 022467

date: 04/04/2006  
scale: AS NOTED  
design by: JWK  
checked by: JWK  
drawing no. 06-343  
sheet 6 of 6