



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 Company, Inc.
6865 N.W. 36th Ave.
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: 0.035" (min.) Steel Storm Panel Shutter Systems

APPROVAL DOCUMENT: Drawing No. 05-343, titled "20 ga. Steel Storm Panel", sheets 1 through 6 of 6, prepared by Thornton-Tomasetti Group, dated June 28, 2005, last revision #1 dated July 12, 2006, signed and sealed by V. J. 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 unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 # 02-0315.11 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

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



Helmy A. Makar
 08/24/06

NOA No 05-0712.03
Expiration Date: 02/16/ 2007
Approval Date: 08/24/2006
Page 1

Hurst Awning Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0315.11

A. DRAWINGS

See NOA 02-0315.11 (General Notes)

B. TESTS

See NOA 01-1224.01

C. CALCULATIONS

See NOA 01-1224.01

D. MATERIAL CERTIFICATIONS

See NOA 01-1224.01

E. STATEMENTS

See NOA 01-1224.01

F. OTHER

NOA 01-1224.01

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 05-343, titled "20 ga. Steel Storm Panel", sheets 1 through 6 of 6, prepared by Thornton-Tomasetti Group, dated June 28, 2005, last revision #1 dated July 12, 2006, signed and sealed by V. J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Revised anchor calculations, dated June 10, 2005, pages 1 through 49, prepared by Thornton-Tomasetti Group, signed and sealed by V.J. Knezevich, P.E. on June 10, 2005.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

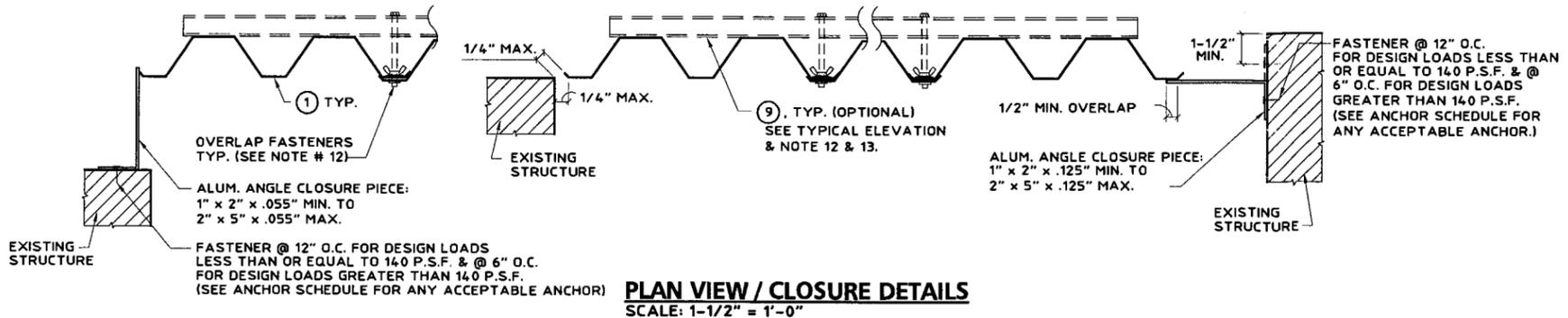
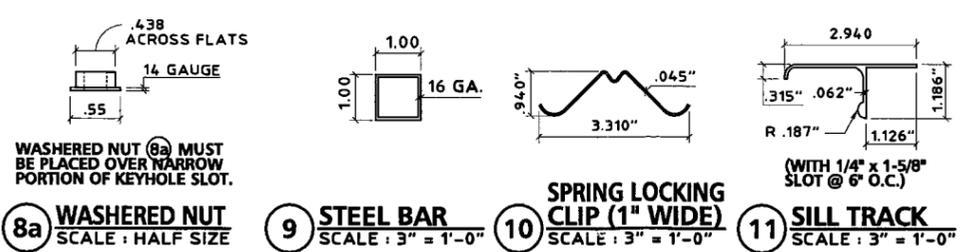
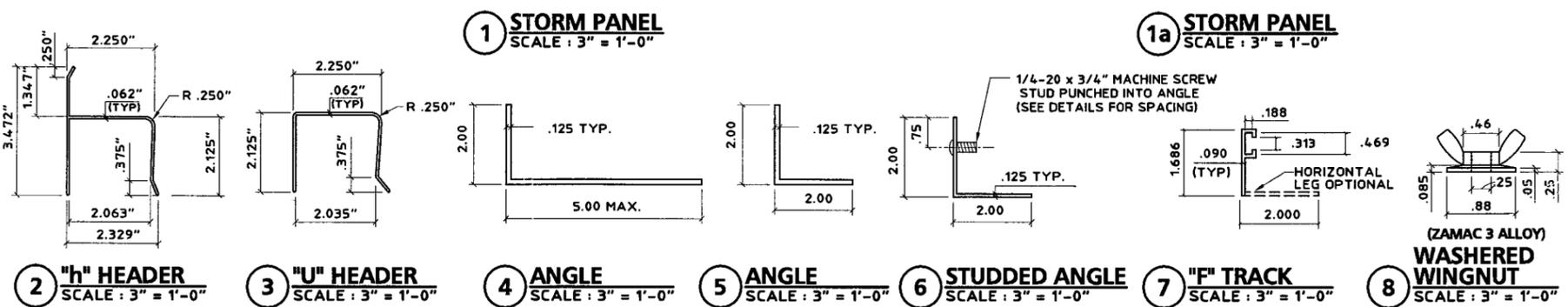
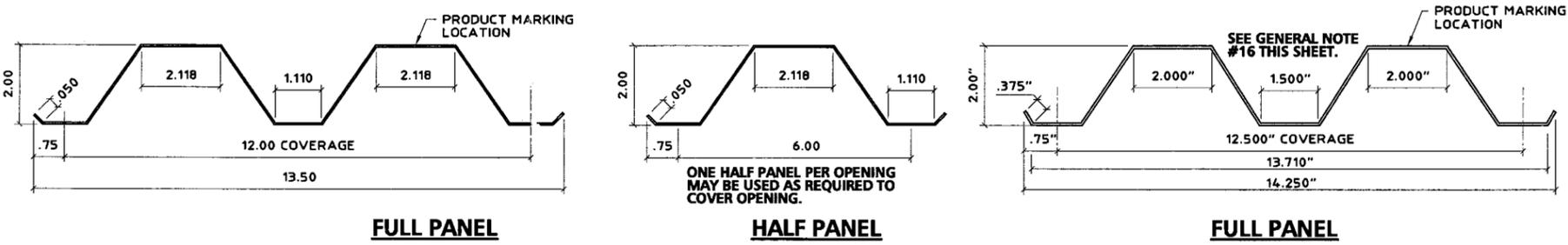
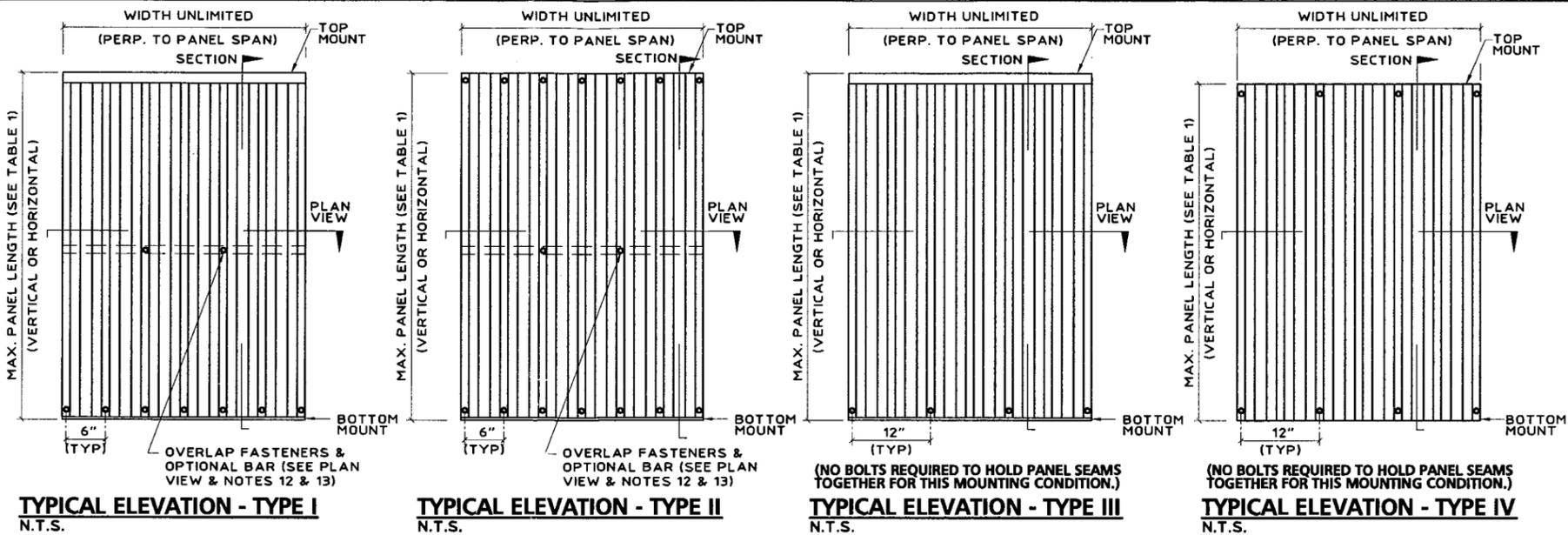


Helmy A. Makar, P.E.
Product Control Examiner
NOA No 05-0712.03
Expiration Date: 02/16/ 2007
Approval Date: 08/24/2006

GENERAL NOTES:

- 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, WITH 2005 SUPPLEMENT.
- NO INCREASE IN 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.
- 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.
- THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
- USE OF THESE APPROVAL DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
- 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.
- ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
- WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - 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.
 - REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION
- WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.
- PRODUCT MARKINGS SHALL BE WITHIN 12" OF ONE END OF THE PANEL WITH A MINIMUM OF ONE MARKING PER PANEL AND SHALL BE PERMANENTLY LABELED AS FOLLOWS:

HURST AWNING CO., INC.
MIAMI, FLORIDA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
- ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI OR APPROVED COATED HARDWARE.
- STORM PANELS SHALL BE 20 GAUGE STEEL ($t = .035"$) CONFORMING TO ASTM A653, SQ. GRADE 50, G60 GALVANIZED COATING. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM, U.O.N.
- FOR TYPE I & TYPE II PANELS, AN OPTIONAL 1" x 1" x 16 GA STEEL BAR MAY BE USED TO CONTROL DEFLECTION OF STORM PANEL SYSTEM ON INSTALLATIONS BELOW 30' ABOVE GRADE PROVIDED THAT THE PANEL SPANS USED ARE 10' OR LESS, AND THAT THE SEPARATION FROM GLASS IS 2" OR MORE BUT LESS THAN 2.5".
- TYPE I & II PANELS SHALL BE FASTENED AT MIDSPAN W/ 1/4"-20 x 1" BOLTS WITH DIE CAST ALUMINUM WASHERED WINGNUTS OR JACKNUTS (SEE TYPICAL ELEVATIONS). FOR PANEL SPANS LESS THAN 48", MIDSPAN FASTENERS ARE NOT REQUIRED. TYPE I & II PANELS UTILIZING A STEEL BAR SHALL BE FASTENED AT OVERLAPS AT MIDSPAN TO A 1" x 1" x 16 GAUGE STEEL BAR USING 1/4"-20 x 3-1/2" BOLTS WITH DIE CAST ALUMINUM WASHERED WINGNUTS OR JACKNUTS (SEE TYPICAL ELEVATIONS). FOR TYPE III & IV PANELS, FASTENERS AT PANEL MIDSPAN ARE NOT REQUIRED.
- 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.
- AT LEAST ONE WARNING NOTE PER OPENING SHALL BE PLACED IN A CONSPICUOUS LOCATION ON ANY OF THE COMPONENTS OF THE STORM PANEL SYSTEM ADVISING THE HOME OWNER OR TENANT THAT THE STORM PANELS WILL NOT OFFER HURRICANE PROTECTION UNLESS ALL REINFORCING BOLTS AND OR BARS ARE PROPERLY INSTALLED WHEN REQUIRED. WARNING LABEL SHALL BE FASTENED WITH PERMANENT ADHESIVE OR MECHANICALLY.
- WHEN PANEL (1a) IS USED, 6-1/4" AND 12-1/2" O.C. SHALL BE USED IN ALL DETAILS IN THESE DRAWINGS IN LIEU OF 6" AND 12" BUT FASTENER SPACING SHALL NOT EXCEED THAT SHOWN IN ANCHOR SCHEDULES.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0712.03
Expiration Date 02/16/2007
By *Helmut A. Weber*
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.TheTGroup.com
Copyright © 2006 Thornton-Tomasetti Group, Inc.

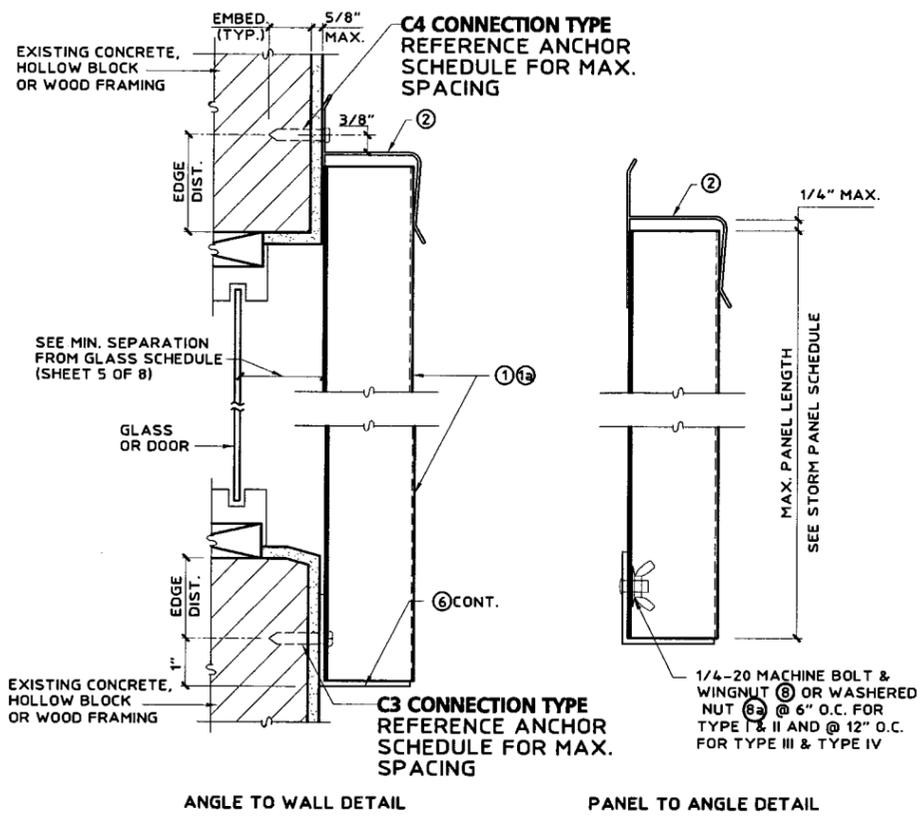
20 GA. STEEL STORM PANEL
Manufacturers of Hurricane & Security Protection Products
6865 N.W. 36th Avenue
Miami, Florida 33147
Phone: (305) 635-0900
Toll Free: (800) 327-0905
Fax: (305) 634-9078
HURST AWNING COMPANY, INC.
QUALITY SERVICE SINCE 1957

V.J. Knezevich
Professional Engineer
FL License No. PP 0010983
JUL 15 2006

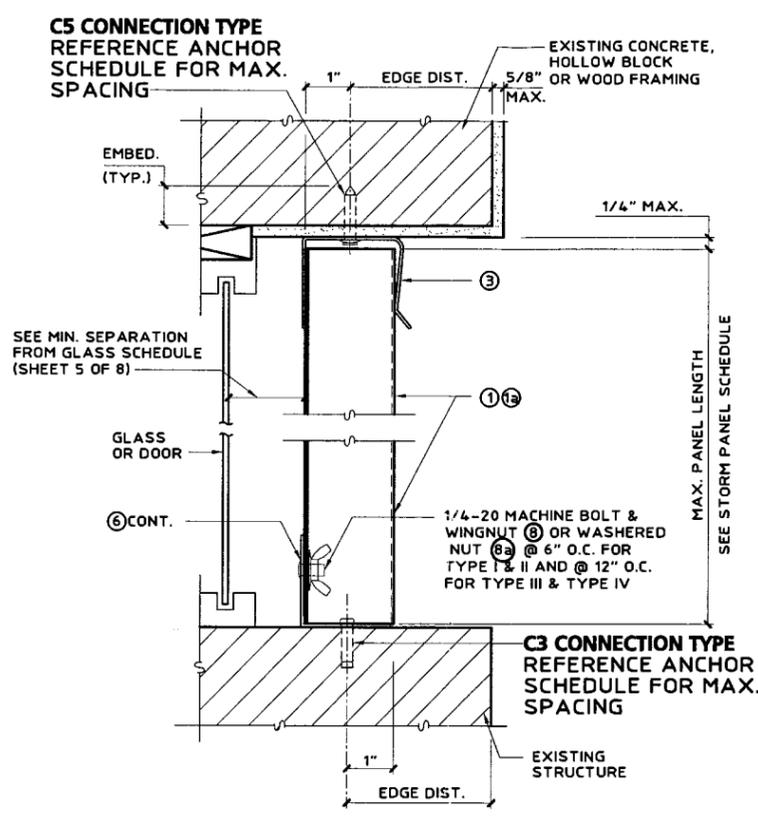
no	date	by	description
0	06/28/2005	NW	PREVIOUSLY DRAWING NO. 98-218
1	07/12/2006	NW	COUNTY COMMENTS

revisions

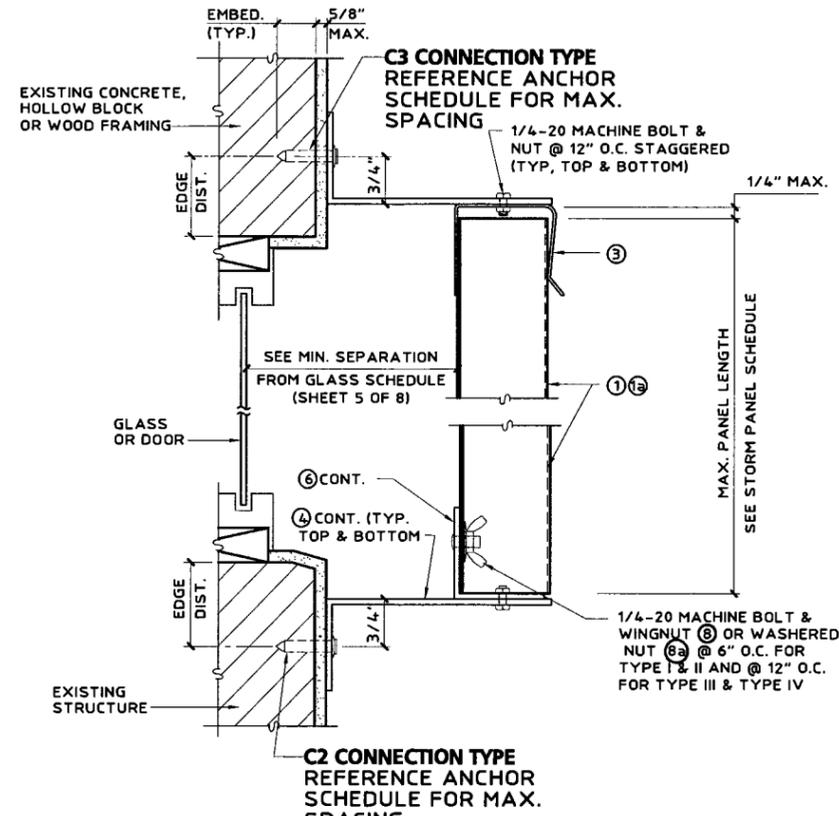
date 06/28/2005
scale AS NOTED
design by VJK
checked by VJK
drawing no. 05-343
sheet 1 of 6



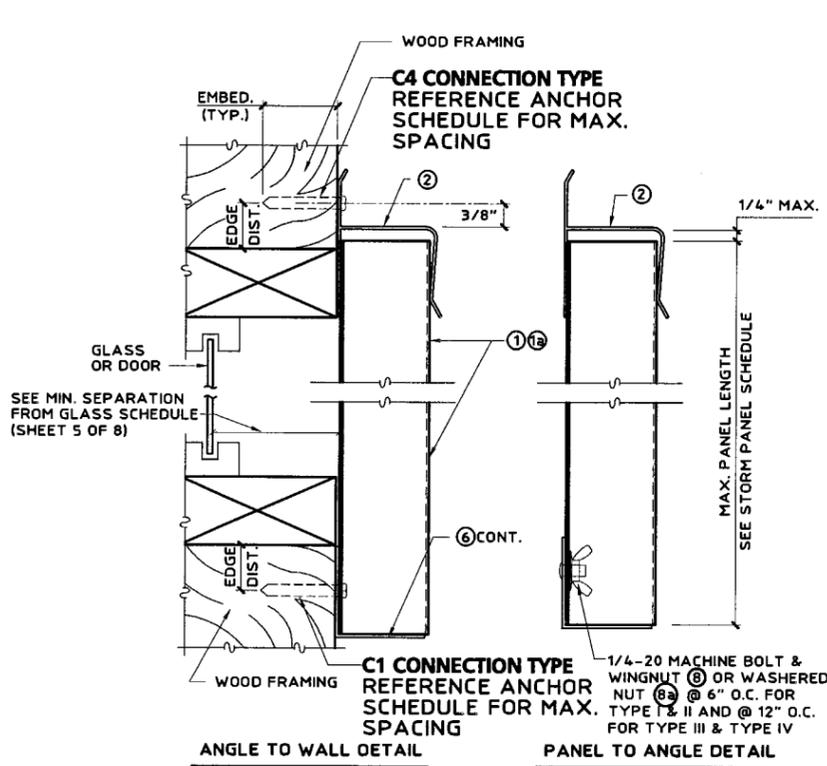
A WALL MOUNT SECTION
SCALE: 3" = 1' - 0"



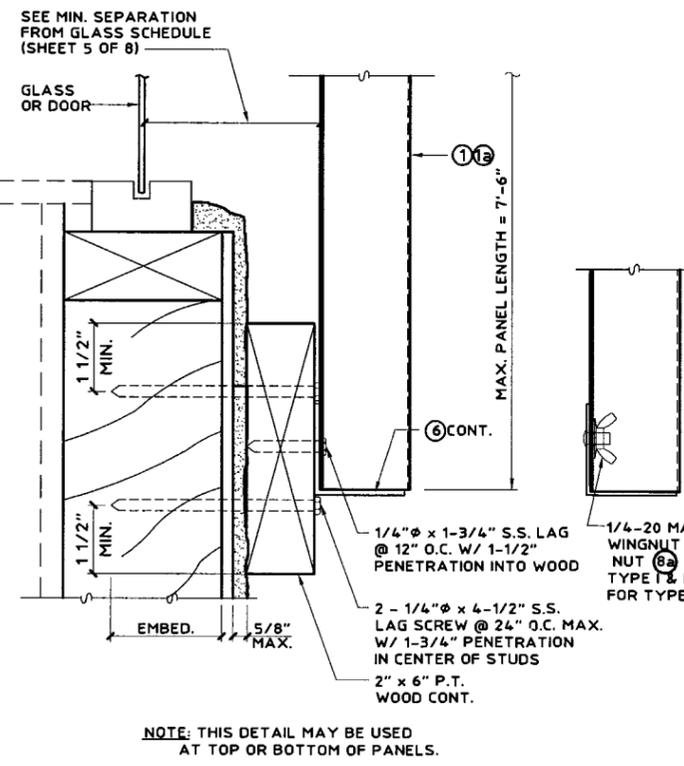
B CEILING/INSIDE MOUNT SECTION
SCALE: 3" = 1' - 0"



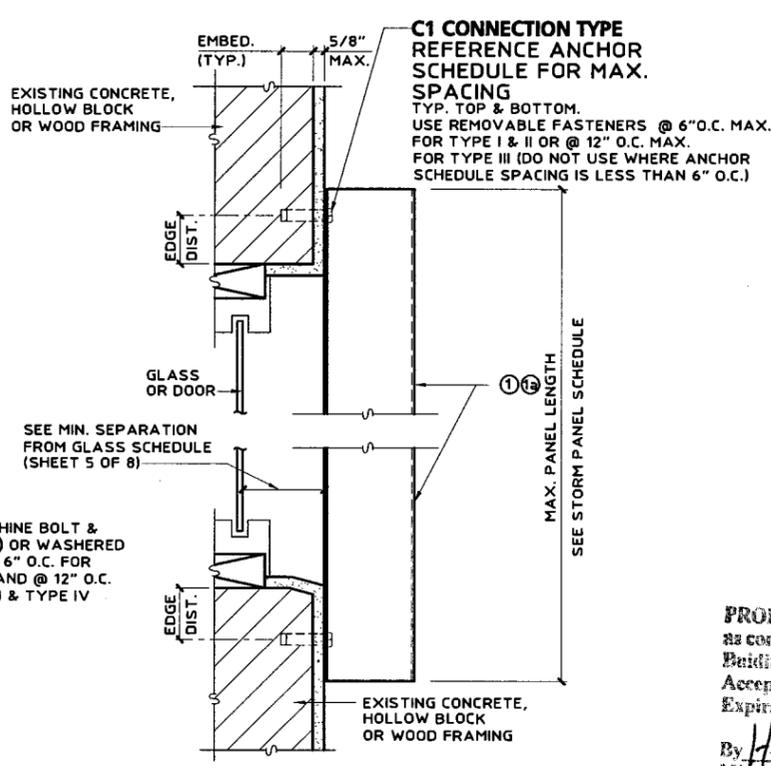
C BUILD-OUT MOUNT SECTION
SCALE: 3" = 1' - 0"



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



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



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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0712.03
Expiration Date 02/16/2007

By *Helmut A. Meier*
Miami Dade Product Control
Division

Thornton-Tomasetti Group
330 N. Andrews Ave., Suite 450 • Ft. Lauderdale, FL 33301
Tel. (954) 572-3690 • Fax (954) 572-3691 • COA # 7519
Website: www.TheTTGroup.com

Copyright © 2006 Thornton-Tomasetti Group, Inc.

20 GA. STEEL 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

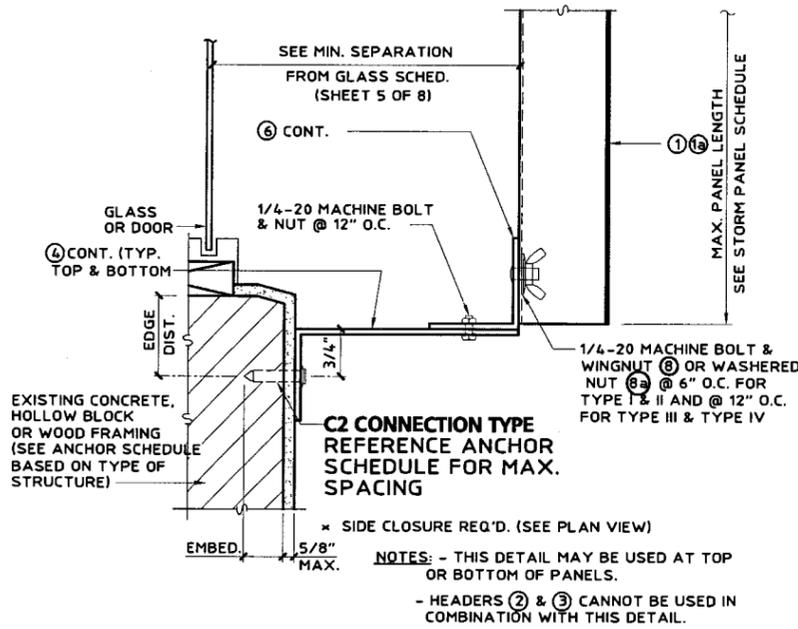
HURST
AWNING COMPANY, INC.
"QUALITY SERVICE SINCE 1957"

V.J. Knezevich
Professional Engineer
FL License No.: PE 010983

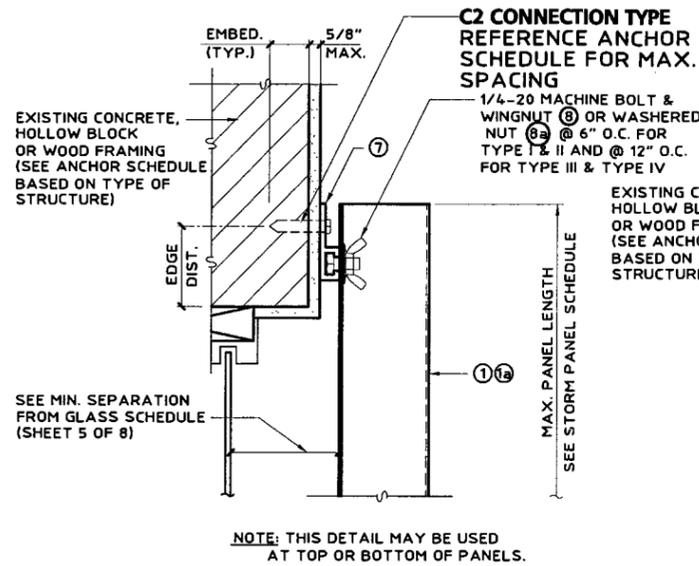
JUL 13 2006

no.	date	description
0	06/28/2005	NEW DRAWING
1	07/12/2006	REVISED

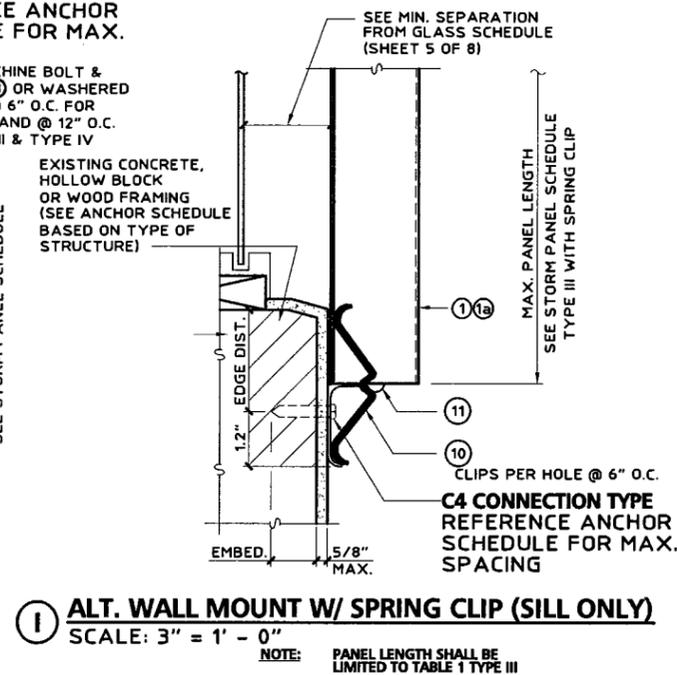
date	06/28/2005
scale	AS NOTED
design by	VJK
checked by	VJK
drawn by	MCR
drawing no.	05-343
sheet	2 of 6



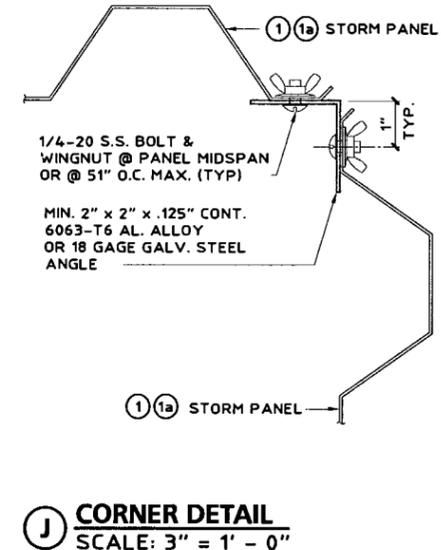
G ALT. BUILD-OUT MOUNT SECTION
SCALE: 3" = 1' - 0"



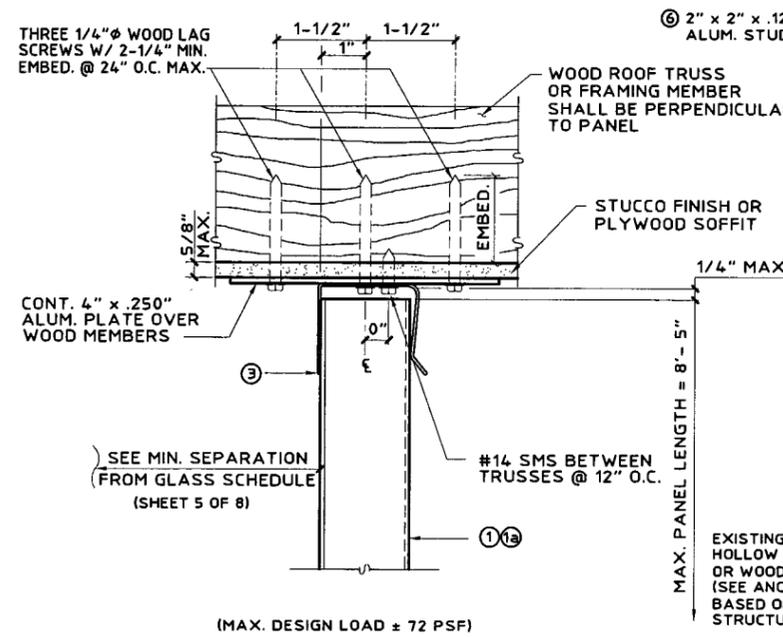
H WALL MOUNT DETAIL
SCALE: 3" = 1' - 0"



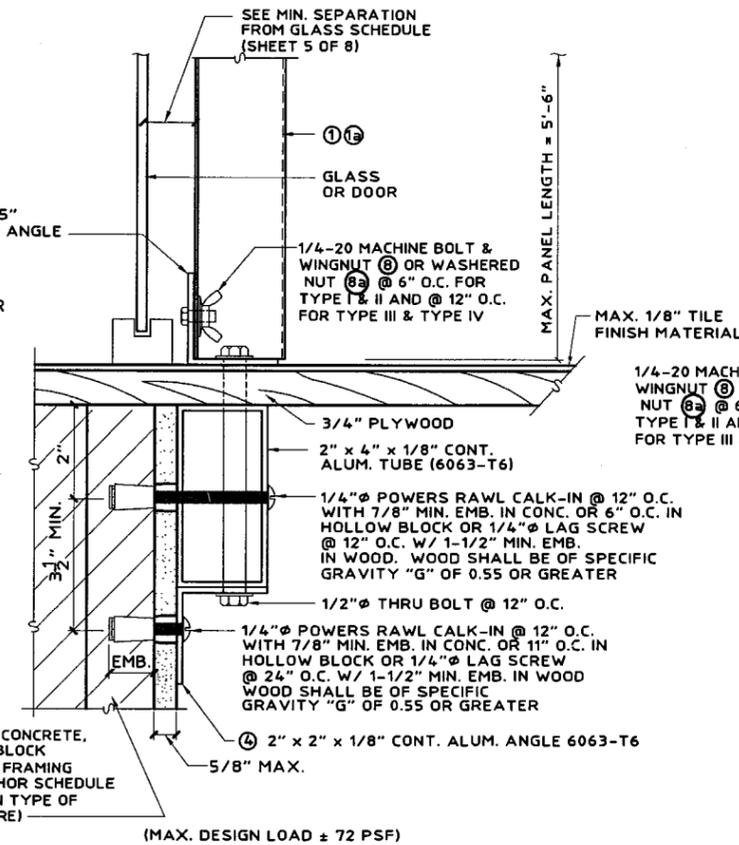
I ALT. WALL MOUNT W/ SPRING CLIP (SILL ONLY)
SCALE: 3" = 1' - 0"
NOTE: PANEL LENGTH SHALL BE LIMITED TO TABLE 1 TYPE III



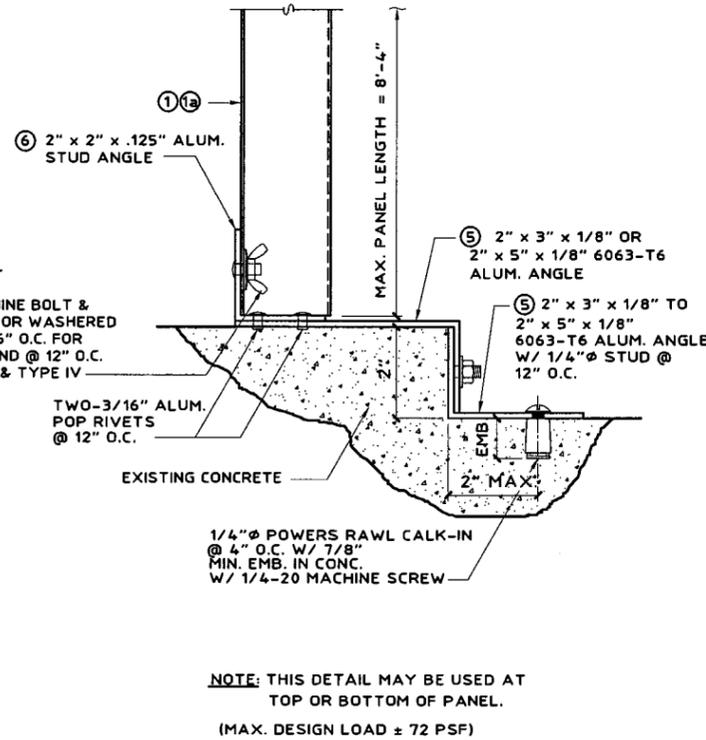
J CORNER DETAIL
SCALE: 3" = 1' - 0"



K SOFFIT CONNECTION DETAIL
SCALE: 3" = 1' - 0"



N \"PASS THRU\" DETAIL
SCALE: 3" = 1' - 0"



O EDGE MOUNT DETAIL
SCALE: 3" = 1' - 0"

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

20 GA. STEEL 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

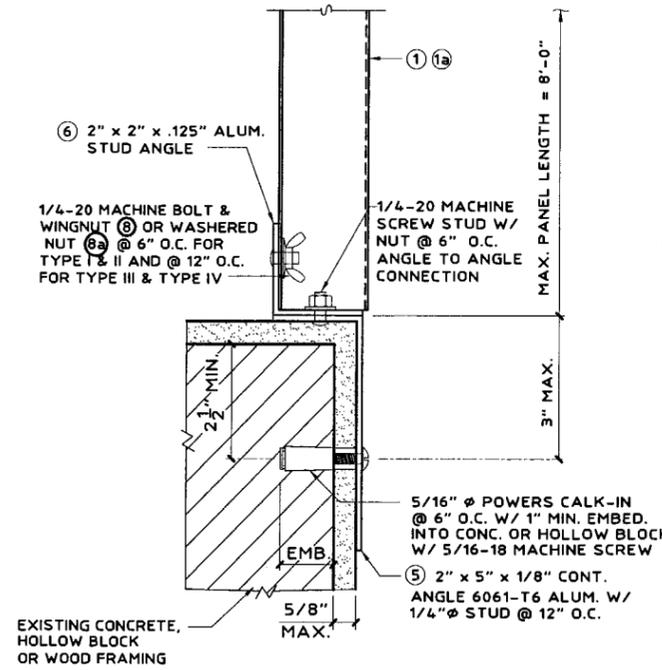
V.J. Knezevich
Professional Engineer
FL License No.: PE 010983

JUL 18 2006

no	date	by	description
0	06/28/2005	NW	PREVIOUSLY DRAWING NO. 98-218 COUNTY COMMENTS
1	07/12/2006	NW	

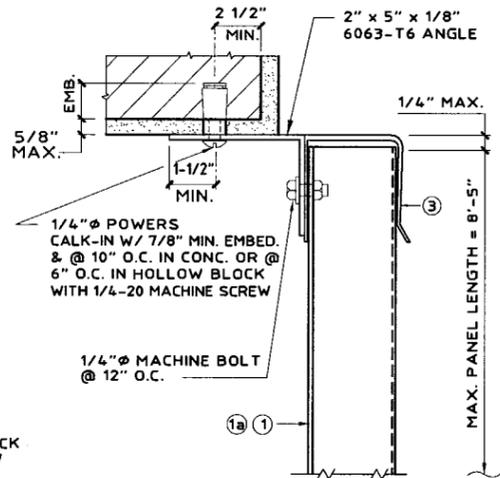
date	06/28/2005
scale	AS NOTED
design by	VJK
checked by	VJK
drawn by	MCR
drawing no.	05-343
sheet	3 of 6

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0712.03
Expiration Date 02/16/2007
By *Heung A. M...*
Miami Dept. Product Control Division



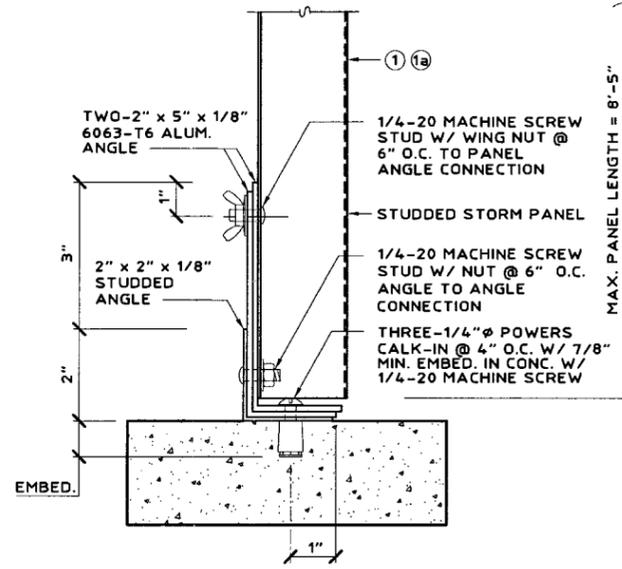
NOTE: THIS DETAIL MAY BE USED AT TOP OR BOTTOM OF PANEL.
(MAX. DESIGN LOAD ± 72 PSF)

P EDGE MOUNT DETAIL
SCALE: 3" = 1' - 0"



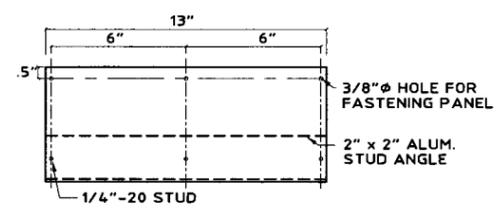
(MAX. DESIGN LOAD ± 72 PSF)

S ANGLE TO "U" HEADER BUILD-OUT
SCALE: 3" = 1' - 0"

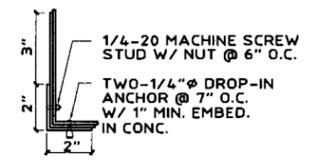


(MAX. DESIGN LOAD ± 72 PSF)

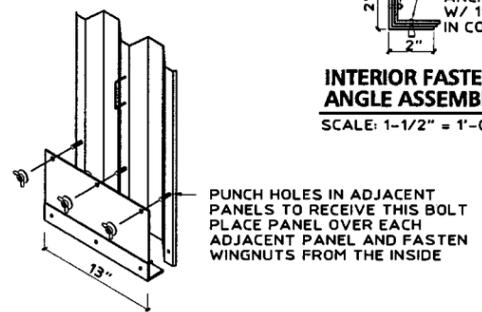
T ASSEMBLY MOUNT
SCALE: 3" = 1' - 0"



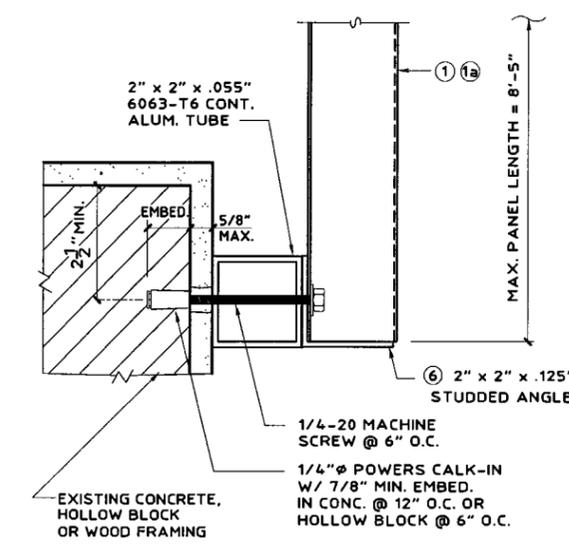
INTERIOR FASTENING ANGLE ASSEMBLY
SCALE: 1-1/2" = 1'-0"



INTERIOR FASTENING ANGLE ASSEMBLY
SCALE: 1-1/2" = 1'-0"

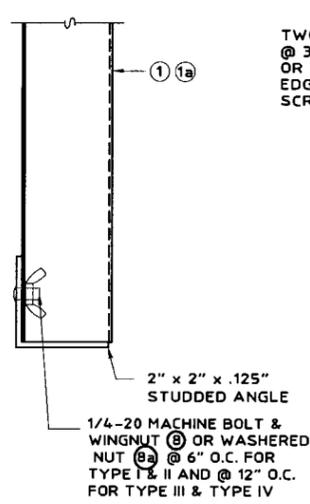


U STORM PANEL INTERIOR FASTENING DETAIL (USE WITH DETAIL T)
SCALE: 3" = 1' - 0"



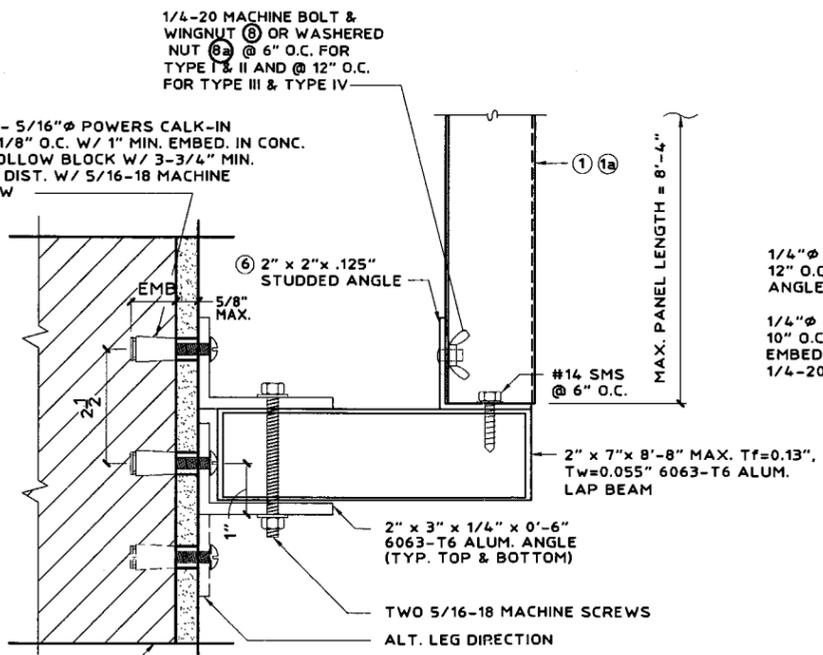
NOTE: THIS DETAIL MAY BE USED AT TOP OR BOTTOM OF PANEL.
(MAX. DESIGN LOAD ± 72 PSF)

V 2" x 2" ALUM. TUBE BUILD-OUT
SCALE: 3" = 1' - 0"



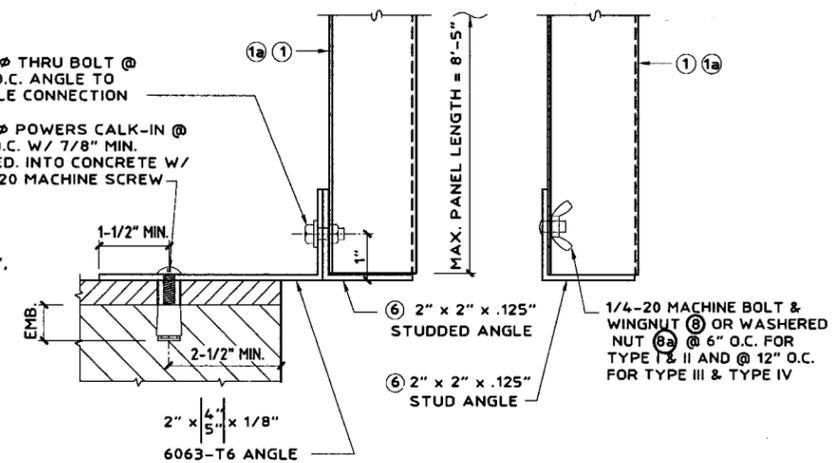
NOTE: THIS DETAIL MAY BE USED AT TOP OR BOTTOM OF PANEL.
(MAX. DESIGN LOAD ± 72 PSF)

W STORM PANEL SUPPORT BEAM
SCALE: 3" = 1' - 0"



NOTE: THIS DETAIL MAY BE USED AT TOP OR BOTTOM OF PANEL.
(MAX. DESIGN LOAD ± 72 PSF)

X STORM PANEL BUILD-OUT
SCALE: 3" = 1' - 0"



PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 05-0712.03
Expiration Date 02/16/2007
By Helmut A. Knezevich
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
Copyright © 2006 Thornton-Tomasetti Group, Inc.

20 GA. STEEL 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

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

V.J. Knezevich
Professional Engineer
FL License No. PE 010983

JUL 13 2006

no	date	by	description
0	06/28/2005	NW	PREVIOUSLY DRAWING No. 98-218
1	07/12/2006	NW	COUNTY COMMENTS

revisions

date 06/28/2005
scale AS NOTED
design by VJK
checked by VJK
drawing no. 05-343
sheet 4 of 6

TABLE 1 - STORM PANEL 1 & 1a SCHEDULE

NEGATIVE DESIGN LOAD W (PSF)	TYPE I	TYPE II	TYPE III	TYPE IV
	FOR MOUNTING CONDITIONS W/ "h" OR "U" HEADERS & SILLS USING STUDS, BOLTS OR DIRECT MOUNT @ 6" O.C.	FOR MOUNTING CONDITIONS W/ HEADERS & SILLS USING STUDS, BOLTS OR DIRECT MOUNT @ 6" O.C.	FOR MOUNTING CONDITIONS W/ "h" OR "U" HEADERS & SILLS USING STUDS, BOLTS OR DIRECT MOUNT @ 12" O.C.	FOR MOUNTING CONDITIONS W/ HEADERS & SILLS USING STUDS, BOLTS OR DIRECT MOUNT @ 12" O.C.
	BOLTS OR BAR REQ'D. AT MIDSPAN OVERLAPS	BOLTS OR BAR REQ'D. AT MIDSPAN OVERLAPS	NO BOLTS OR BAR REQ'D. AT MIDSPAN OVERLAPS	NO BOLTS OR BAR REQ'D. AT MIDSPAN OVERLAPS
	L max. (FT-IN)	L max. (FT-IN)	L max. (FT-IN)	L max. (FT-IN)
40.0	8 - 8	12 - 0	8 - 8	11 - 6
45.0	8 - 8	12 - 0	8 - 8	10 - 10
50.0	8 - 8	11 - 9	8 - 8	10 - 3
55.0	8 - 8	11 - 2	8 - 8	9 - 9
60.0	8 - 8	10 - 9	8 - 8	9 - 4
62.0	8 - 8	10 - 6	8 - 8	9 - 3
65.0	8 - 8	10 - 4	8 - 8	9 - 0
70.0	8 - 6	9 - 11	8 - 8	8 - 8
72.0	8 - 4	9 - 9	8 - 7	8 - 7
75.0	8 - 0	9 - 7	8 - 4	8 - 4
80.0	7 - 6	9 - 3	8 - 1	8 - 1
90.0	6 - 8	8 - 9	7 - 2	7 - 8
100.0	6 - 0	8 - 3	6 - 6	7 - 3
110.0	5 - 6	7 - 11	5 - 10	6 - 11
120.0	5 - 0	7 - 7	5 - 5	6 - 7
130.0	4 - 7	7 - 3	5 - 0	6 - 4
140.0	4 - 3	7 - 0	4 - 7	6 - 1
150.0	4 - 0	6 - 9	4 - 3	5 - 11

NOTES:

1. ENTER TABLE 1 WITH NEGATIVE DESIGN LOAD TO DETERMINE MAXIMUM PANEL LENGTH.
2. REFERENCE APPROPRIATE COLUMN IN STORM PANEL SCHEDULE BASED ON MOUNTING CONDITIONS IN FIELD.
3. SEE NOTE No. 16 ON PAGE 1.

TABLE 2 - MIN. STORM PANEL SEPARATION FROM GLASS SCHEDULE

POSITIVE DESIGN LOAD W (PSF)	ACTUAL SHUTTER SPAN (L) (FT - IN)	MINIMUM SEPARATION FOR INSTALLATIONS 30' OR LESS ABOVE GRADE (INCHES)		MINIMUM SEPARATION FOR INSTALLATIONS GREATER THAN 30' ABOVE GRADE (INCHES)
		BAR	NO BAR	NO BAR
40.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-1/2
	12 - 0	N/A	3-1/4	2-1/2
50.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-5/8
	11 - 9	N/A	3-1/4	2-3/4
60.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-5/8
	10 - 9	N/A	3-1/4	2-1/2
70.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-3/4
	9 - 11	N/A	3-1/4	2-1/4
80.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-7/8
	9 - 3	N/A	3-1/4	2-1/8
90.0	5 - 0	2	2-1/2	1-1/4
	8 - 5	2	2-1/2	1-3/8
	8 - 9	N/A	3-1/4	2
100.0	4 - 0	2	2-1/2	1-1/4
	6 - 0	2	2-1/2	1-3/8
	8 - 3	2	2-1/2	2
110.0	4 - 0	2	2-1/2	1-1/4
	6 - 0	2	2-1/2	1-3/8
	7 - 11	2	2-1/2	1-7/8
120.0	4 - 0	2	2-1/2	1-1/4
	6 - 0	2	2-1/2	1-3/8
	7 - 7	2	2-1/2	1-7/8

NOTES:

1. ENTER TABLE 2 WITH POSITIVE DESIGN LOAD TO DETERMINE MINIMUM SEPARATION FROM GLASS.
2. FOR DESIGN LOADS BETWEEN TABULATED VALUES USE NEXT HIGHER LOAD OR LINEAR INTERPOLATION MAY BE USED TO DETERMINE ALLOWABLE PANEL LENGTH.
3. " N/A " DESIGNATES NOT APPLICABLE - MUST MEET "NO BAR" REQUIREMENTS.

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

20 GA. STEEL 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

V.J. Knezevich
 Professional Engineer
 FL License No.: PE 0910983

JUL 13 2006

no	date	by	description
0	06/28/2005	NW	PREVIOUSLY DRAWING NO. 98-218
1	07/17/2006	NW	COUNTY COMMENTS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0712-03
 Expiration Date 02/16/2007
 By *Helmut A. Mark*
 Miami-Dade Product Control
 Division

date 06/28/2005
 scale AS NOTED
 design by VJK
 checked by VJK
 drawing no. 05-343
 sheet 5 of 6

