



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Hurst Awning Company, 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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Aluminum Hinged Colonial Shutter

APPROVAL DOCUMENT: Drawing No. 12-111, titled "Hinged Colonial Shutter", sheets 1 through 4 of 4, prepared by Knezevich Associates Consulting Engineers, dated April 02, 2012, last revision #0 dated April 02, 2012, signed and sealed by V.J. Knezevich, P.E., bearing Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, the following statement: "Miami-Dade County Product Control Approved", and NOA number, per TAS-201, TAS-202, and TAS-203, 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 # 08-0715.02 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, & E-5 as well as approval document mentioned above.

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



Helmy A. Makar
08/23/2012

NOA No. 12-0522.01
Expiration Date: 08/29/2013
Approval Date: 08/23/2012
Page 1

Hurst Awning Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #96-0701.03

A. DRAWINGS

1. *Drawing No. 96-219, Hurst Awning Co., Hinged Colonial Shutter, Sheets 1 through 2 of 2, prepared by Knezevich & Associates, dated 11/14/94 with Revision No. 1, dated 06/25/96, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test and Cyclic Wind Pressure Test of colonial shutters w/ four sections and four horizontal bars, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-353, dated October 26, 1994, signed and sealed by Hector M. Medina, P.E.*
2. *Test report on Uniform Static Air Pressure Test of colonial shutters w/ four sections and four horizontal bars, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-353, dated October 27, 1994, signed and sealed by Hector M. Medina, P.E.*

C. CALCULATIONS

1. *Anchor analysis dated 12/07/94, Pages 1 and 2 of 2, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*
2. *Anchorage Calculations for 12 additional details/conditions, Hurst Awning Co., Inc., dated 9/19/95, pages 1 through 37, prepared by Knezevich & Associates, Inc., signed by V.J. Knezevich, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report issued by INDALEX, dated 12/13/94, with chemical composition and mechanical properties for aluminum alloy 6063-T6 for louver blade Part no. GAS-42150.*
2. *Certified Tensile Test Report No. HETI 94-T43, for colonial shutter specimen, prepared by Hurricane Engineering & Testing, Inc., Report , dated 11/09/94, per ASTM-E8-93, signed and sealed by Hector M. Medina, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0510.01

A. DRAWINGS

1. *None.*

B. TESTS

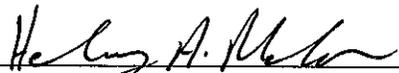
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0522.01
Expiration Date: 08/29/2013
Approval Date: 08/23/2012

Hurst Awning Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0604.06

A. DRAWINGS

1. *Drawing No. 99-055, titled "Hinged Colonial Shutter", dated May 26, 1999, sheets 1 and 2 of 2, prepared by Knezevich & Associates, Inc., 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 colonial shutters, prepared by Construction Testing Corporation, Report No. CTC 99-020, dated April 21, 1999, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

1. *Anchor analysis dated May 26, 1999, Pages 1 through 20, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report issued by Hudson Metals, dated 05/28/99, with chemical composition for aluminum alloy 3003-H14 for aluminum sheeting.*
2. *Certified Tensile Test Report No. CTL-420E, for colonial shutter specimen 99-020, prepared by Certified Testing Laboratories, dated April 19, 1999, per ASTM-E8, signed and sealed by Ramish Patel, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-0315.04

A. DRAWINGS

See NOA 02-0315.04 (General Notes)

B. TESTS

See NOA 99-0604.06

C. CALCULATIONS

See NOA 99-0604.06

D. MATERIAL CERTIFICATIONS

See NOA 99-0604.06

E. STATEMENTS

See NOA 99-0604.06

F. OTHER

NOA 99-0604.06



Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor

NOA No. 12-0522.01

Expiration Date: 08/29/2013

Approval Date: 08/23/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0624.03

A. DRAWINGS

1. *Drawing No. 99-055, titled "Hinged Colonial Shutter", sheets 1 through 2 of 2, prepared by Knezevich & Associates, Inc., dated May 26, 1999, last revision #1 dated May 10, 2002, signed and sealed by V.J. Knezevich, P.E. on May 14, 2002.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter from Hurst Awning Company, Inc., dated June 21, 2002, signed by Frank S. Cornelius, stating that nothing has changed in the product approval #02-0315.04 and Knezevich & Associates, Inc. is still in the engineering business.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #04-0114.02

A. DRAWINGS

1. *Drawing No. 03-205, titled "Hinged Colonial Shutter", sheets 1 through 2 of 2, prepared by Thornton-Tomasetti Group, dated November 25, 2003, last revision #3 dated April 04, 2006, signed and sealed by V.J. Knezevich, P.E. on April 04, 2006.*

B. TESTS

1. *None.*

C. CALCULATIONS

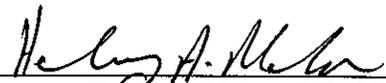
1. *Anchor analysis dated November 25, 2003, Pages 1 through 12 of 12, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*
2. *Anchor analysis dated April 01, 2004, Pages 13 & 14, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



Holly A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0522.01
Expiration Date: 08/29/2013
Approval Date: 08/23/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0322.01

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 CERTIFICATIONS

1. *None.*

8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0715.02

A. DRAWINGS

1. *Drawing No. 08-138, titled " Hinged Colonial Shutter ", sheets 1 through 2 of 2, prepared by Knezevich Associates Consulting Engineers, dated June 25, 2008, last revision #0 dated June 25, 2008, 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 colonial shutters, prepared by Construction Testing Corporation, Report No. CTC 08-006, dated June 16, 2008, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

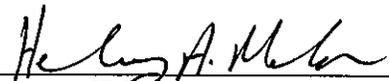
1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0522.01
Expiration Date: 08/29/2013
Approval Date: 08/23/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 12-111, titled " Hinged Colonial Shutter ", sheets 1 through 4 of 4, prepared by Knezevich Associates Consulting Engineers, dated April 02, 2012, last revision #0 dated April 02, 2012, 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 colonial shutters, prepared by Blackwater Testing, Inc., Report No. AA-11-004, dated February 16, 2012, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

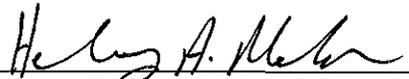
1. *Anchor analysis dated April 23, 2012, Pages 1 through 15, prepared by Knezevich & Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

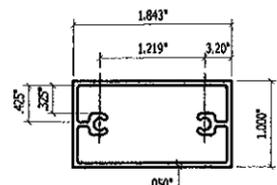
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

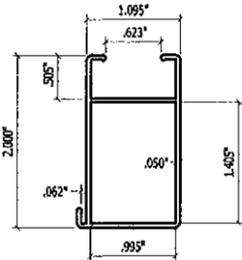
1. *None.*



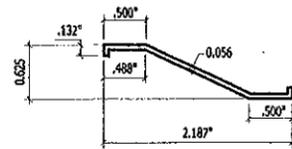
Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0522.01
Expiration Date: 08/29/2013
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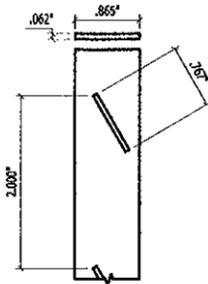
1 TOP & BOTTOM RAIL
SCALE: HALF SIZE



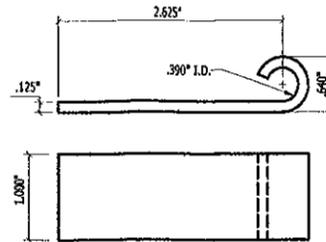
2 SIDE RAIL
SCALE: HALF SIZE



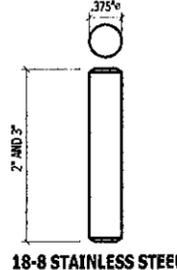
3 LOUVER BLADE
SCALE: HALF SIZE



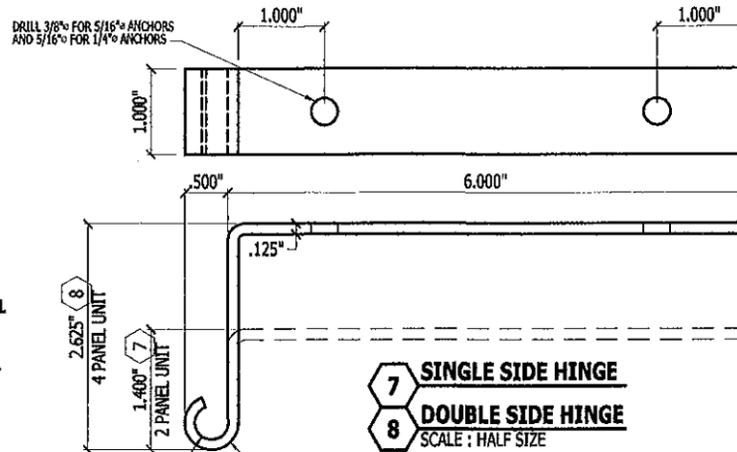
4 LOUVER PLATE
SCALE: HALF SIZE



5 FLAT HINGE
SCALE: HALF SIZE



6 HINGE PIN
SCALE: HALF SIZE



7 SINGLE SIDE HINGE
8 DOUBLE SIDE HINGE
SCALE: HALF SIZE

GENERAL NOTES:

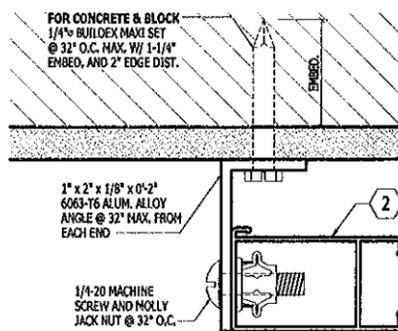
- THESE EVALUATION DOCUMENTS REPRESENT A SHUTTER SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL SECTION FOR THE HIGH VELOCITY HURRICANE ZONE & NON-HIGH VELOCITY HURRICANE ZONE OF THE FLORIDA BUILDING CODE 2010.
- AN ALLOWABLE LOAD INCREASE HAS NOT BEEN USED IN THE DESIGN OF THE ANCHOR SPACING OF THIS PRODUCT.
- 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 7-10, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE USED.
- THESE EVALUATION DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
- USE OF THESE EVALUATION DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
- THESE EVALUATION 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 EVALUATION DOCUMENTS WILL VOID THE EVALUATION DOCUMENTS.
- WHEN THE SITE CONDITIONS DEVIATE FROM THESE EVALUATION 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.
 - REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION.

WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.

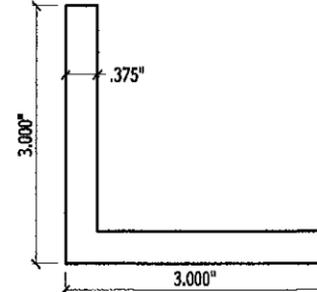
- MAXIMUM SHUTTER WIDTH IS 114" AND MAXIMUM SHUTTER HEIGHT IS 96" FOR STORM BAR & STORM TUBE.
- THIS SHUTTER SYSTEM HAS A MAXIMUM PERFORMANCE RATING, IN THE CLOSED POSITION OF:
 - POSITIVE DESIGN LOAD +72.5 PSF
 - NEGATIVE DESIGN LOAD -72.5 PSF
- THE MINIMUM SEPARATION FROM GLASS IS 3-1/4" FOR SIZES GREATER THAN 72" IN HEIGHT, BUT LESS THAN 96". THE MINIMUM SEPARATION FROM GLASS IS 2-1/8" FOR SIZES LESS THAN OR EQUAL TO 72" IN HEIGHT.
- PRODUCT MARKINGS SHALL BE A MIN. OF ONE PER SHUTTER ON THE BOTTOM, PLACED ON THE BACK OF THE SHUTTER AND SHALL BE PERMANENTLY LABELED AS FOLLOWS:

HURST AWNING CO., INC.
MIAMI, FLORIDA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED

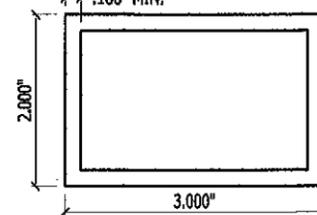
- ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
- STORM BARS ARE NOT REQUIRED FOR SHUTTERS LESS THAN OR EQUAL TO 72" IN HEIGHT, ONE STORM BAR IS REQUIRED AT MIDSPAN FOR SHUTTER HEIGHTS GREATER THAN 72" AND LESS THAN OR EQUAL TO 96".
- WHERE Z-BAR CANNOT BE INSTALLED, A LOCKING BAR FROM THE SCHEDULE MAY BE SUBSTITUTED AT TOP &/OR BOTTOM.
- THIS SHUTTER SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO "CLOSE THE SHUTTER AND INSTALL ALL REMOVABLE STORM BARS" AS DETAILED IN THIS DRAWING DURING PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS BEING A HURRICANE WARNING ALERT.
- A SINGLE FIXED PANEL, WITHOUT AN ALUMINUM BACKING, CAN BE ATTACHED ON EACH SIDE OF THE OPENING FOR DECORATIVE PURPOSES ONLY, USING 1/4" ITW BUILDEX MAXISET TAPCONS W/ 1-1/4" MIN. EMBEDMENT @ EACH CORNER AND 24" O.C. MINIMUM SPACING.
- ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MIN. $F_y = 33$ KSI OR 2024-T4 ALUMINUM. POP RIVETS SHALL BE 3/16" STAINLESS STEEL.



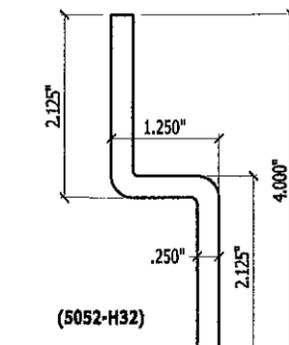
9 CLOSURE ASSEMBLY
SCALE: HALF SIZE



10A STORM BAR
SCALE: HALF SIZE

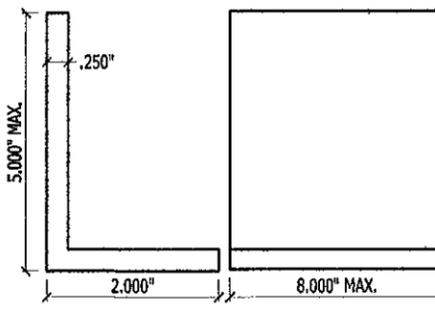


10B STORM TUBE
SCALE: HALF SIZE

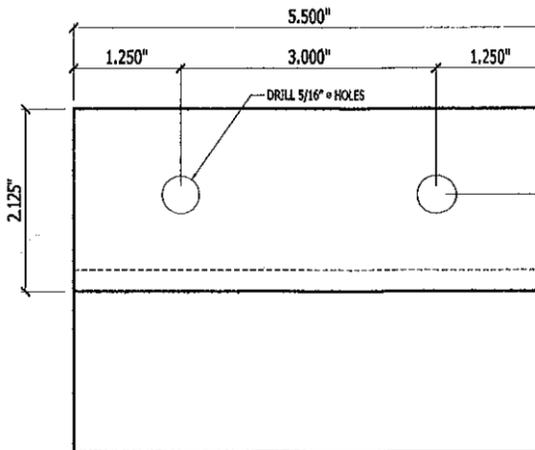


11A "Z" BAR (SIDE VIEW)
SCALE: HALF SIZE

11B "Z" BAR (SIDE VIEW)
SCALE: HALF SIZE

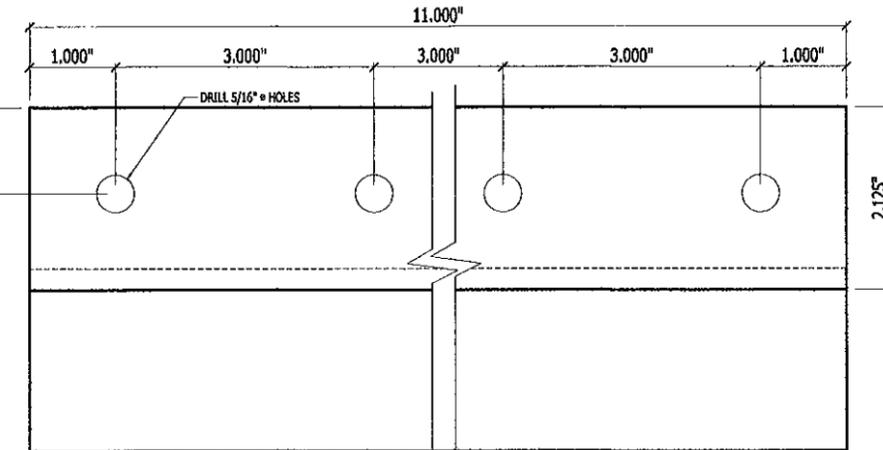


12 ANGLE
SCALE: N.T.S.



11A "Z" BAR DIAGRAM (FRONT VIEW)
SCALE: HALF SIZE

FOR USE WITH ALL SHUTTER SIZES LESS THAN OR EQUAL TO 96" IN 3,000 P.S.I. CONCRETE. ANCHORS TO BE 1/4" "ALL POINTS" SOLID SET @ 3" O.C. & 3" EDGE DISTANCE.

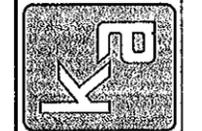


11B "Z" BAR DIAGRAM (FRONT VIEW)
SCALE: HALF SIZE

FOR USE WITH ALL SHUTTER SIZES LESS THAN OR EQUAL TO 96" IN HOLLOW CONCRETE BLOCK (CMU). ANCHORS TO BE 1/4" "ALL POINTS" SOLID SET @ 3" O.C. & 3" EDGE DISTANCE. OPTIONAL USE TWO (11A)

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 12-9522.01 Expiration Date 08/29/2013

By *[Signature]*
Miami Dade Product Control



KNEZEVICH ASSOCIATES
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2590 S.W. 105th Terrace * Davie, Florida 33324
T (954) 821-6933 * V1@Knezevich-Associates.com
www.Knezevich-Associates.com

HINGED COLONIAL 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

revisions	description	date	by

V.J. Knezevich
Professional Engineer
FL License No. 001983

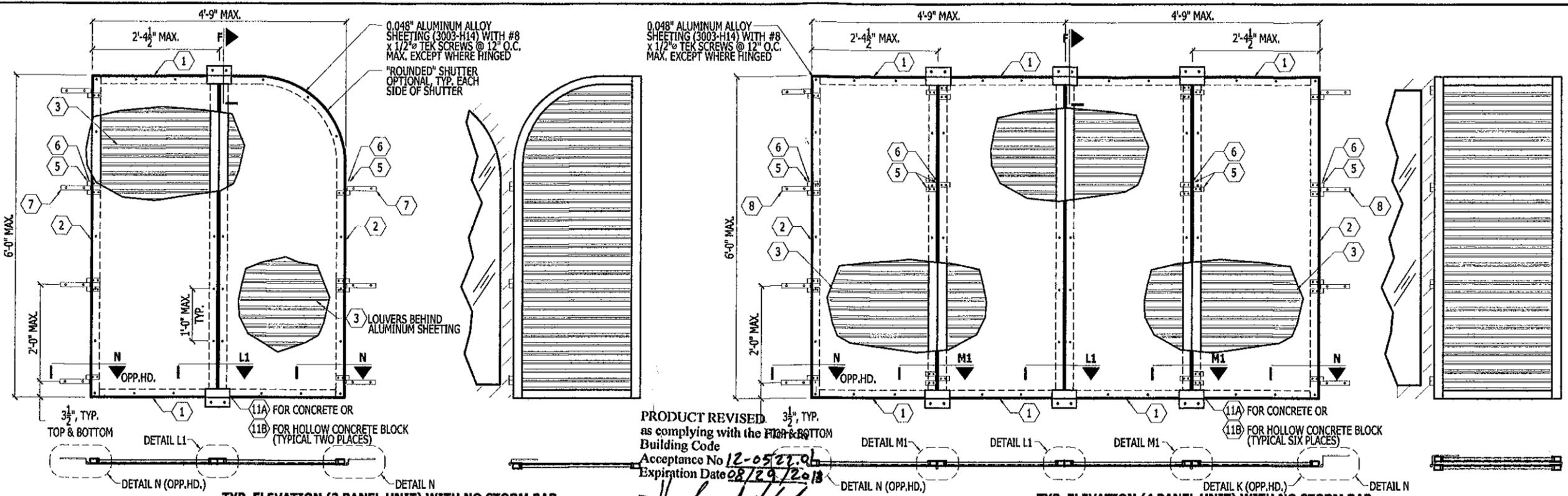
APR 02 2012

drawn by ARV scale AS NOTED

date 04/02/2012

drawing no. **12-111**

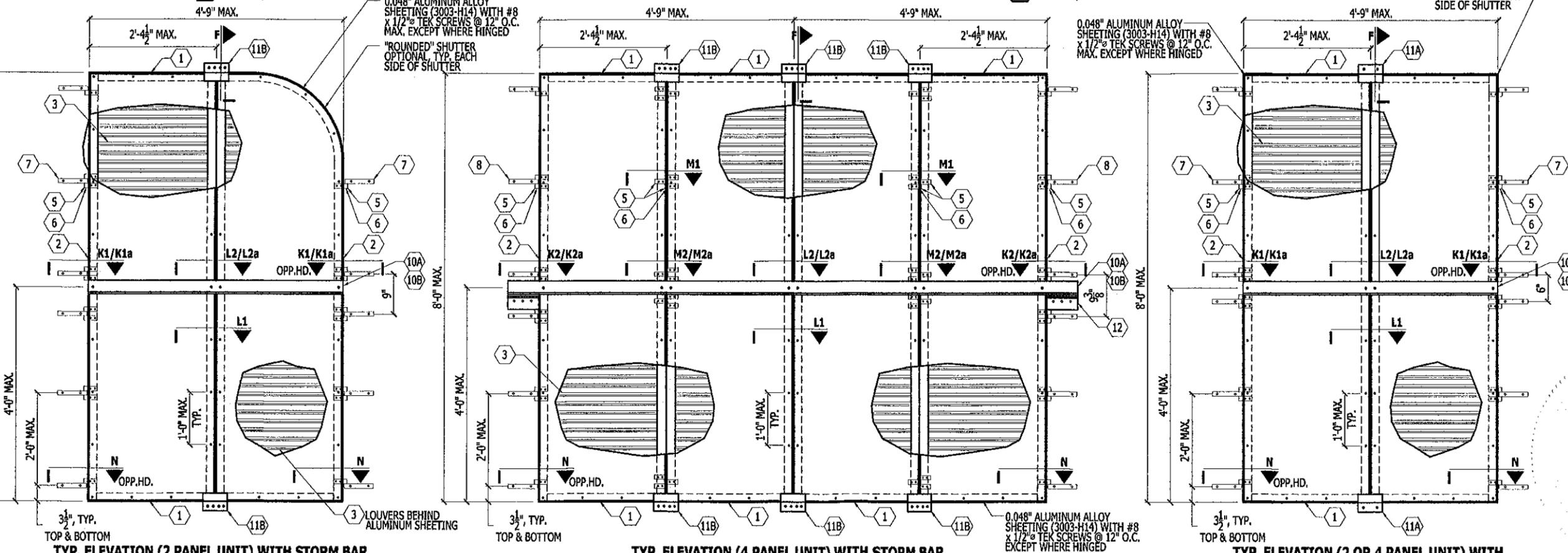
sheet 1 of 4



A1 TYP. ELEVATION (2 PANEL UNIT) WITH NO STORM BAR
(CONCRETE AND HOLLOW CONC. BLOCK APPLICATION)
SCALE: 1/2" = 1'-0"

B1 TYP. ELEVATION (4 PANEL UNIT) WITH NO STORM BAR
(CONCRETE AND HOLLOW CONC. BLOCK APPLICATION)
SCALE: 1/2" = 1'-0"

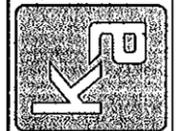
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 12-0522-0
Expiration Date 08/29/2018
By *[Signature]*
Miami Dade Product Control



A2 TYP. ELEVATION (2 PANEL UNIT) WITH STORM BAR
(HOLLOW CONCRETE BLOCK APPLICATION)
SCALE: 1/2" = 1'-0"

B2 TYP. ELEVATION (4 PANEL UNIT) WITH STORM BAR
(HOLLOW CONCRETE BLOCK APPLICATION)
SCALE: 1/2" = 1'-0"

AB3 TYP. ELEVATION (2 OR 4 PANEL UNIT) WITH STORM BAR
(CONCRETE ONLY APPLICATION)
SCALE: 1/2" = 1'-0"



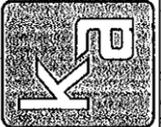
KNEZEVICH ASSOCIATES
Consulting Engineers * COA 27989
2590 S.W. 105th Terrace * Davie, Florida 33324
T (954) 821-6933 * V1@Knezevich-Associates.com
www.Knezevich-Associates.com
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HINGED COLONIAL SHUTTER
Manufacturers of Hurricane & Security Protection Products
6865 N.W. 36th Avenue
Miami, Florida 33147
Phone: (305) 635-0900
Toll Free: (800) 327-0905
Fax: (305) 634-9078
HURST
ANNING COMPANY, INC.
QUALITY SERVICE SINCE 1957

no.	date	description
1	04/02/2012	REVISED DRAWING NO. 02-18

V.J. Knezevich
Professional Engineer
FL License No. PE7010983
[Signature]
APR 02 2012
drawn by ARV scale AS NOTED
date 04/02/2012

12-111
sheet 2 of 4



KNEZEVICH ASSOCIATES
 Consulting Engineers * COA 27989
 2590 S.W. 105th Terrace * Davie, Florida 33324
 T (954) 821-6933 * VJ@Knezevich-Associates.com
 www.Knezevich-Associates.com

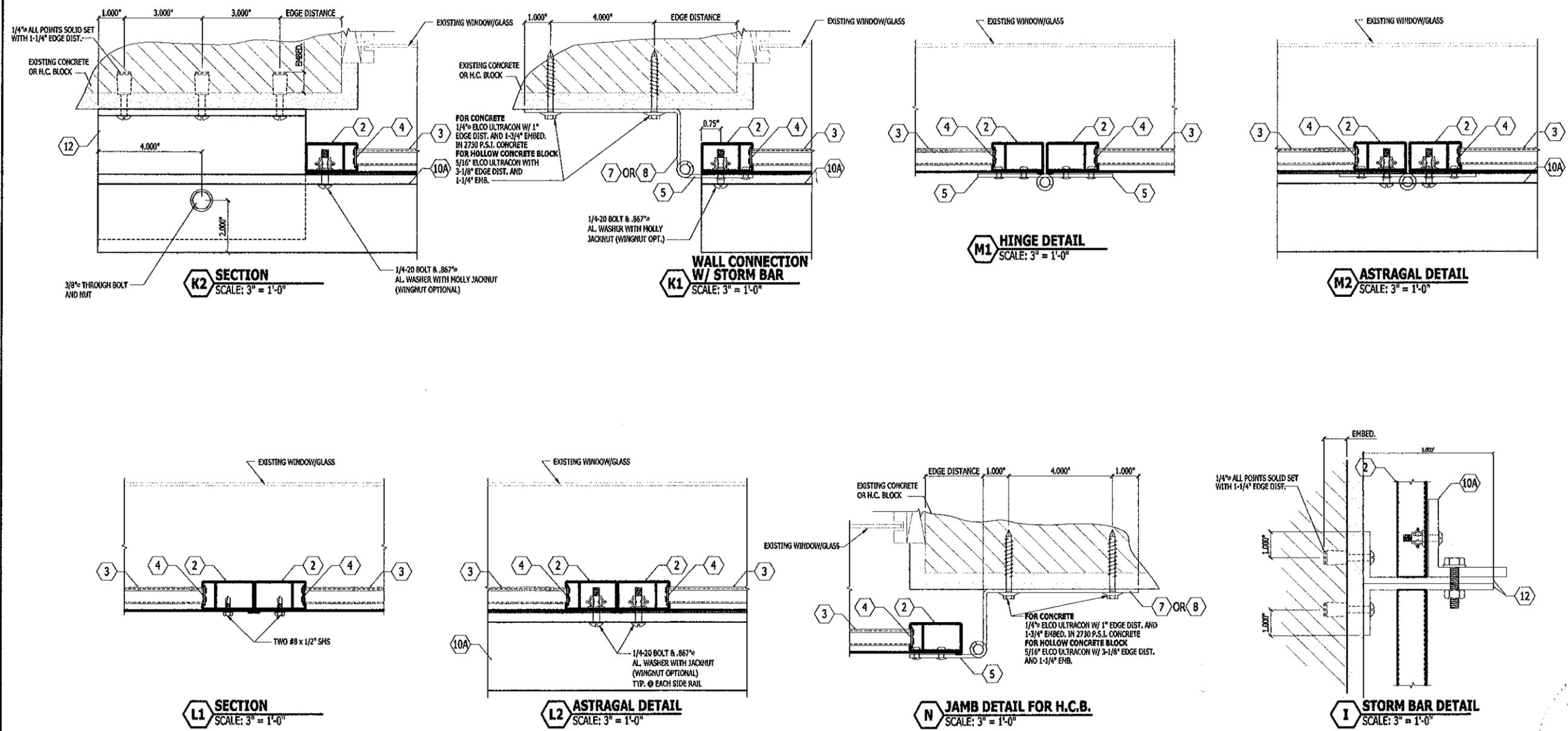
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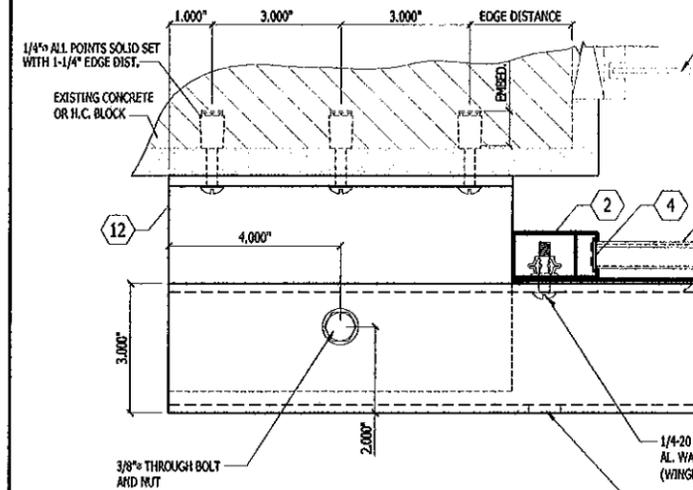
Manufacturers of Hurricane & Security Protection Products
THURST
 6865 N.W. 36th Avenue
 Miami, Florida 33147
 Phone: (305) 635-0900
 Toll Free: (800) 327-0905
 Fax: (305) 634-9078
 QUALITY SERVICE SINCE 1977

NO.	DATE	DESCRIPTION
1	04/02/12	REVISED DRAWING RELEASE

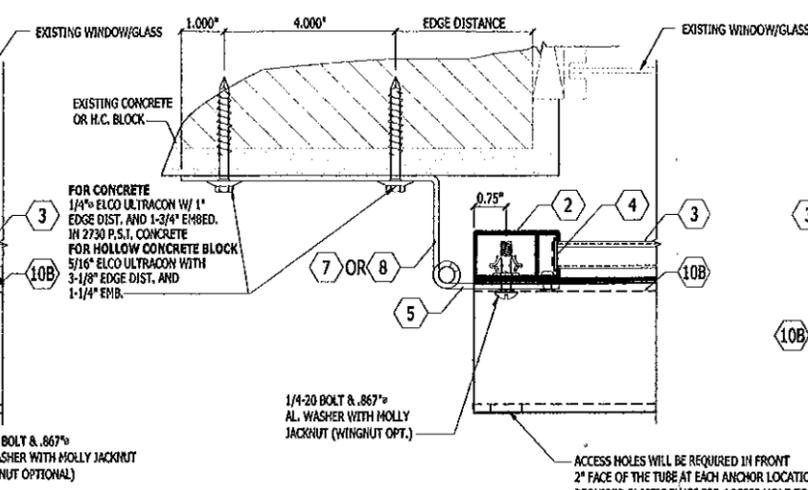
V.J. Knezevich
 Professional Engineer
 FL License No. P00010983
 APR 02 2012
 drawn by ARV scale AS NOTED
 date 04/02/2012
 drawing no. **12-111**
 sheet 3 of 4



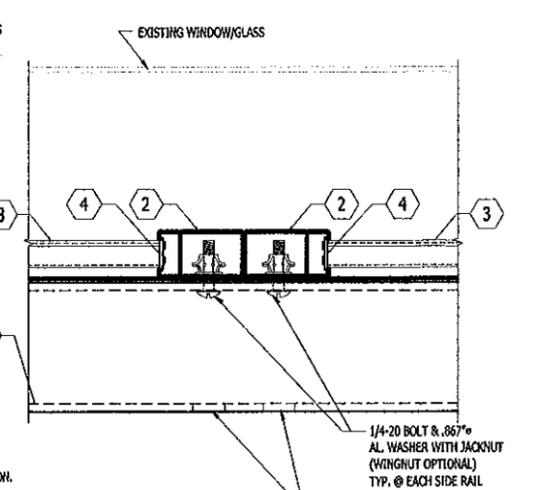
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 12-0522.01
 Expiration Date 08/29/2013
 By *[Signature]*
 Miami Dade Product Control



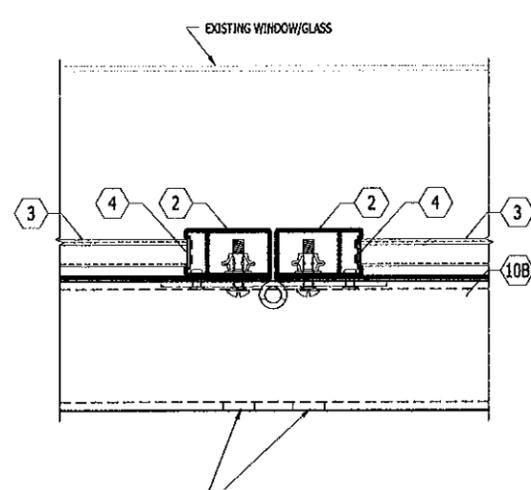
K2a SECTION
SCALE: 3" = 1'-0"



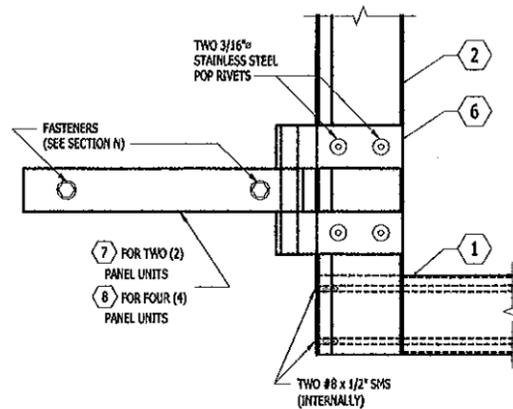
K1a WALL CONNECTION W/ STORM BAR
SCALE: 3" = 1'-0"



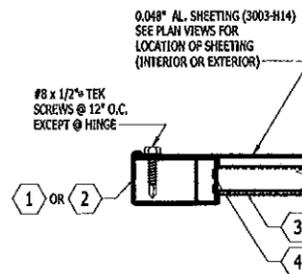
L2a ASTRAGAL DETAIL
SCALE: 3" = 1'-0"



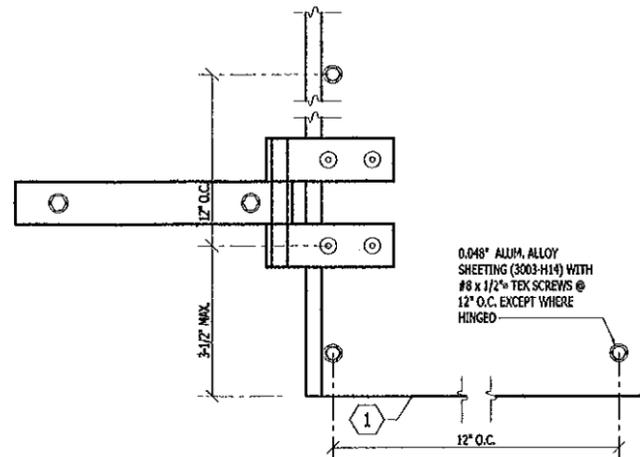
M2a ASTRAGAL DETAIL
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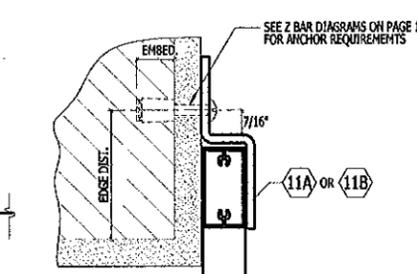
C TYPICAL SIDE RAIL TO TOP & BOTTOM RAIL CONNECTION
SCALE: 3" = 1'-0"



D SHEETING DETAIL
SCALE: 3" = 1'-0"

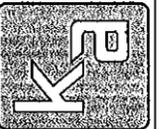


E SHEETING CONNECTION DETAIL
SCALE: 3" = 1'-0"



F "Z" BAR CONNECTION
SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0522.01
Expiration Date 08/29/2013
By *Halley A. [Signature]*
Miami Dade Product Control



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HURST
AWNING COMPANY, INC.
QUALITY SERVICE SINCE 1957

NO.	DATE	BY	DESCRIPTION

V.J. Knezevich
Professional Engineer
FL License No. PE 0010983

APR 02 2012

drawn by ARV scale AS NOTED
date 04/02/2012

drawing no. **12-111**
sheet 4 of 4