



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/pera/

Habersham Metal Products Co., Inc.
264 Stapleton Road,
P.O. Box 739
Cornelia, GA 30531

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 PERA - 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. PERA 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: "Detention Cell View" Steel Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. NOA Application # 060117.07, titled "Dade County (Tested) Detention Cell View Frame", sheets 1 through 7 of 7, dated 06/22/06, prepared by manufacturer, signed and sealed by R. Greg Henley, 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 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, model/series, 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 renews NOA # 06-0117.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No. 11-0713.01
Expiration Date: July 20, 2012
Approval Date: November 24, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **NAO Application # 060117.07**, Sheets 1 through 7 of 7, dated 06/22/06, titled "Dade County (Tested) Detention Cell View Window Frame", prepared by manufacturer, signed and sealed by R. Greg Henley, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of fixed detention window, prepared by Certified Testing Laboratories, Test Report No. **CTLA-379W**, dated March 22, 1999, signed and sealed by Ramesh Patel, P.E.
2. Tensile Test prepared by Applied Technical Services, Incorporated, Test Report No. **D103701**, dated June 20, 2006, tested per **ASTM A370-05**, signed by S. Genculu, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by MACTEC Engineering and Consulting, Inc., dated March 16, 2006, revised on June 22, 2006, all signed and sealed by R. Greg Henley, P.E. and updated June 14, 2011, signed and sealed by James L. Studer, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **08-0305.02** issued to **Sabic Innovative Plastics** for their "**Lexan Sheet Products**", dated April 24, 2008, expiring on July 17, 2013


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0713.01

Expiration Date: July 20, 2012
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Habersham Metal Products Co., Inc.

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F. STATEMENTS

1. Statement letter of conformance to the FBC-2007, dated 06/14/11, signed and sealed by James L. Studer, P.E.
2. Statement letter of no financial interest, dated 11/01/11, signed and sealed by James L. Studer, P.E.
3. Letter from Habersham Metal Products dated Nov. 02, 2011, requesting a One-Year Approval to allow them to perform the required verification test to complete the renewal process, signed by James A. Stapleton III, P.E.
3. Testing agreement letter, dated 10/19/2011 between Intertek and Habersham Metal Products, issued by Intertek and signed by Jesse Peterson, Authorized Lab Representative.

G. OTHERS

1. Notice of Acceptance No. **06-0117.07**, issued to Habersham Metal Products Co., Inc. for their "Detention Cell View" Steel Fixed Window, approved on 07/20/06 and expiring on 07/20/11.
2. One year approval, subjected to successful verification test, the final approval will be issued for the balance of a total of 5 years.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0713.01

Expiration Date: July 20, 2012
Approval Date: November 24, 2011

Dade County Compliance Office NOA Application #: 060117.07
 Detention Cell View Window Frame

Habersham Metal Products Co., Inc.
 P.O. Box 739
 264 Stapleton Road
 Cornelia, GA 30531

Label Resistance Welded to Frame



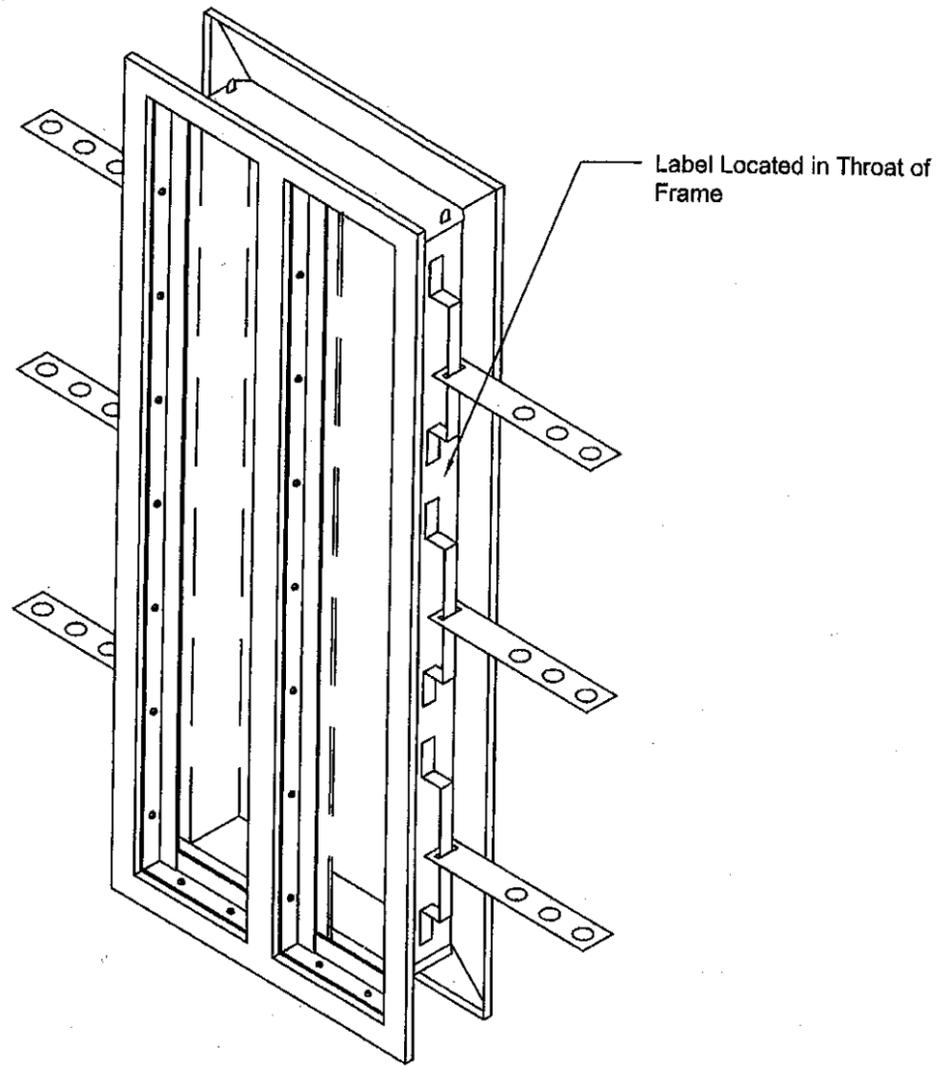
Miami-Dade County Approved
Habersham Metal Products Co., Inc.
 264 Stapleton Road
 Cornelia, GA 30531 PH: 706 / 778-2212

Design Pressure Rating	Impact Rating
+ 79 psf , -99 psf with Masonry Straps + 135 psf , -170 psf Hilti Anchors and Nelson Studs	TAS 201 Large Missile Impact TAS 203 Cyclic Loading Rating is in Accordance with CTL Test Report #CTLA-379A Dated March 30, 1999, Signed and Sealed by Mr. Ramesh Patel, P.E. Florida Registration #20224

Where Water Infiltration Requirements is Needed
+135 psf TAS 202 Paragraph 5.2.6 Rating is in Accordance with CTL Test Report #CTLA-379A Dated March 30, 1999, Signed and Sealed by Mr. Ramesh Patel, P.E. Florida Registration #20224

General Notes:

- 1) Complies with FBC 2004 Edition
- 2) All dimensions are in Inches



Florida Registered Professional Engineer
 Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

MA 62206

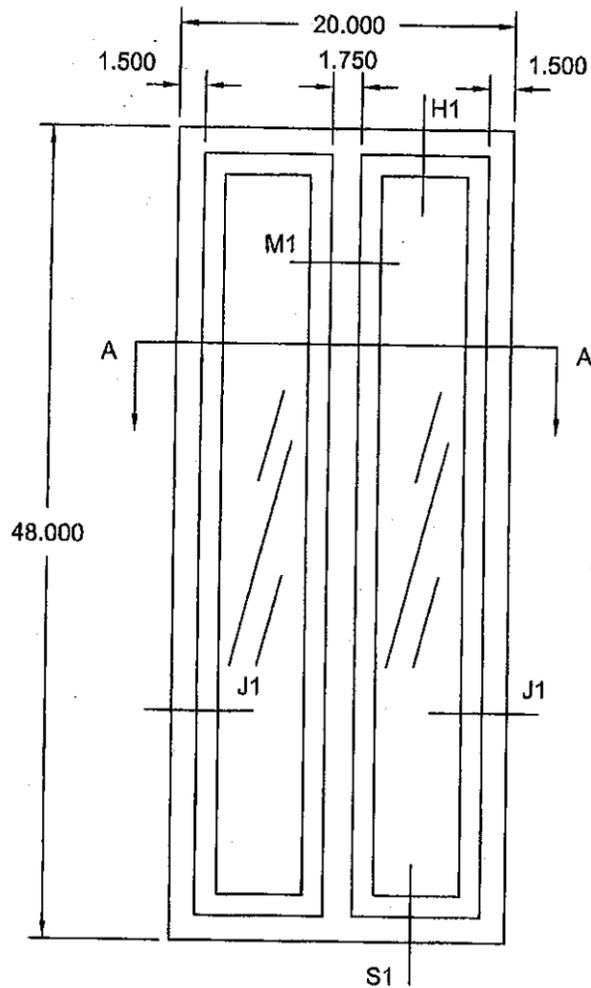
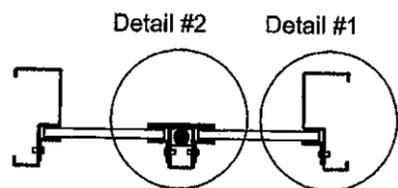
The Window Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in Reference to the MACTEC Report Dated March 16th, 2006, rev 6-22-06.

Dade County Compliance Office Use

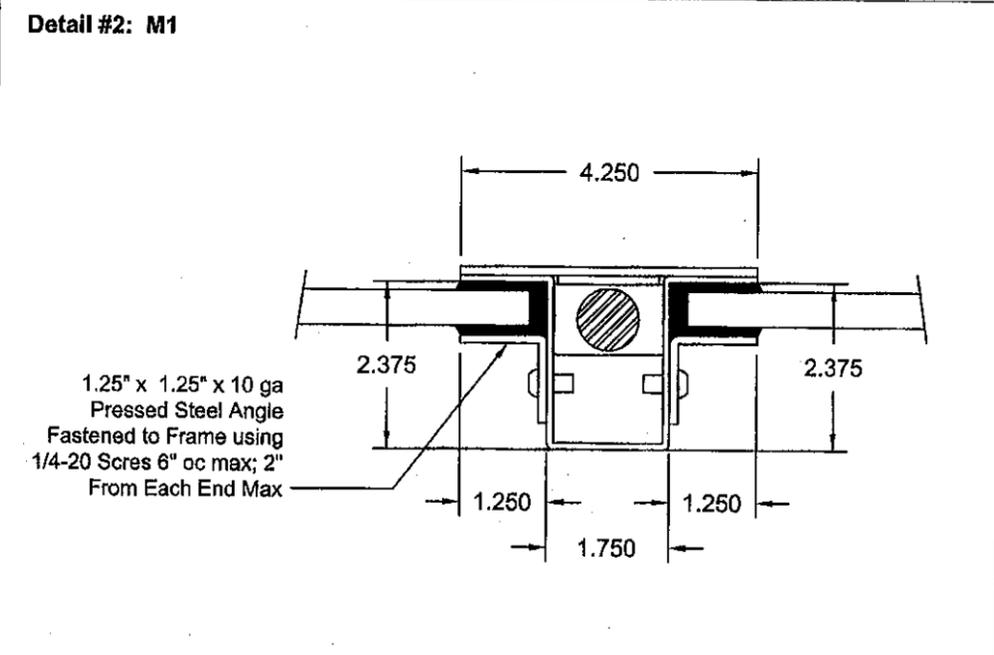
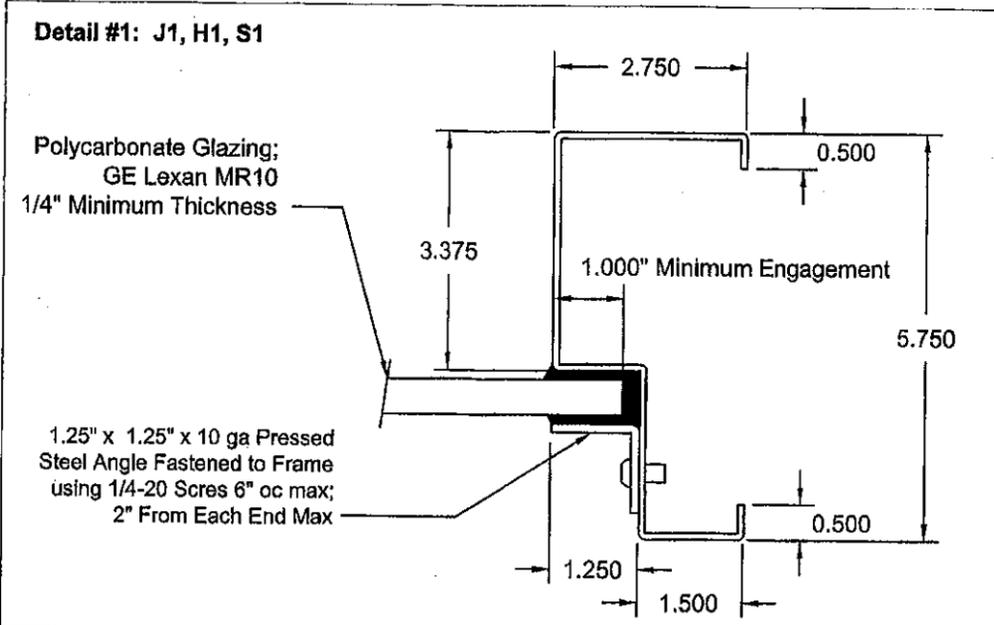
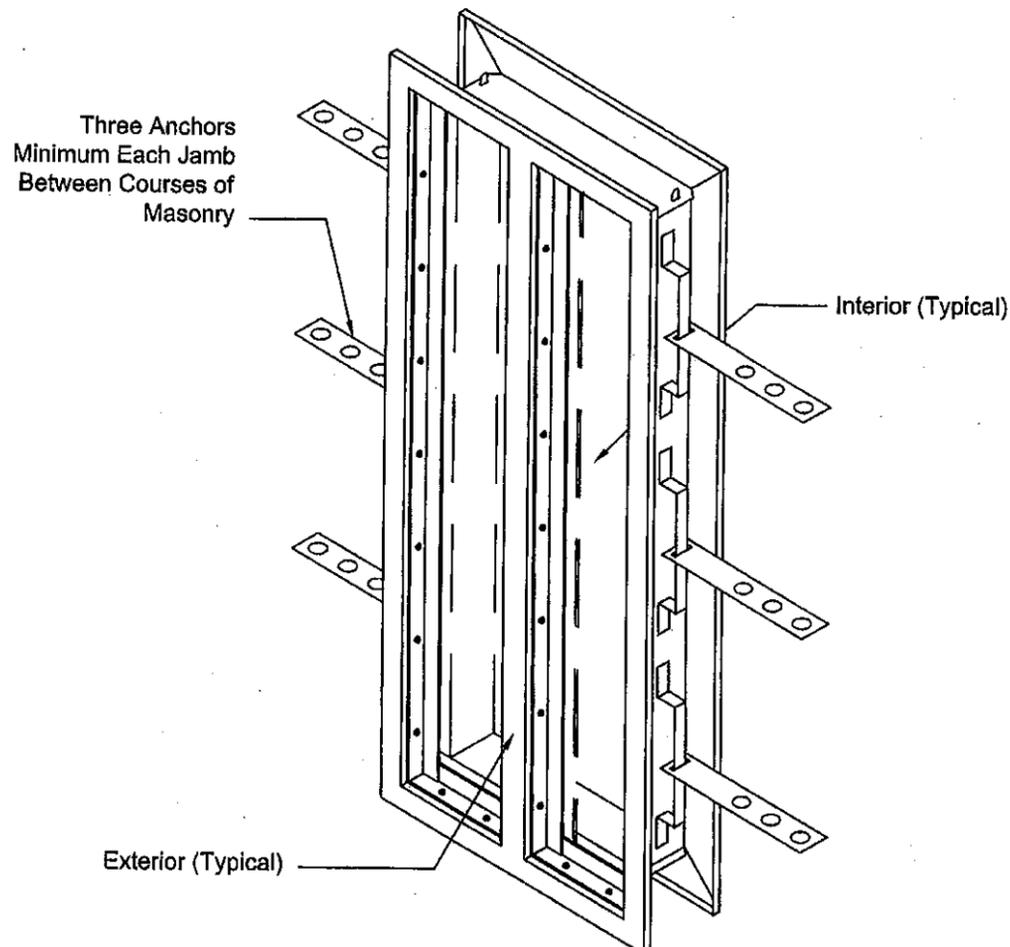
Approved as complying with the Florida Building Code
 Date: JULY 20, 2006
 NOA# 06-0117.07
 Miami Dade Product Control Division
 By: Manuel Perez

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 11-0713.01
 Expiration Date JULY 20, 2012
 By: Manuel Perez
 Miami Dade Product Control

Drawn by: JSIII	Checked by: JSIII	 <p>Habersham Metal Products Co., Inc. Engineered Steel Doors and Frames 264 Stapleton Rd Cornelia, GA 30531 (706)778-2212 FX: (706)778-2769 e-mail: hmpco@habershammetal.com</p>	Project Name: Dade County- (Tested) Detention Cell View Window Frame	 
Date: 6-22-06	Page: 1 of 7		Job Number: NOA Application # 060117.07	
Revision: ORIGINAL				



Isometric View



Florida Registered Professional Engineer
 Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

6/22/06

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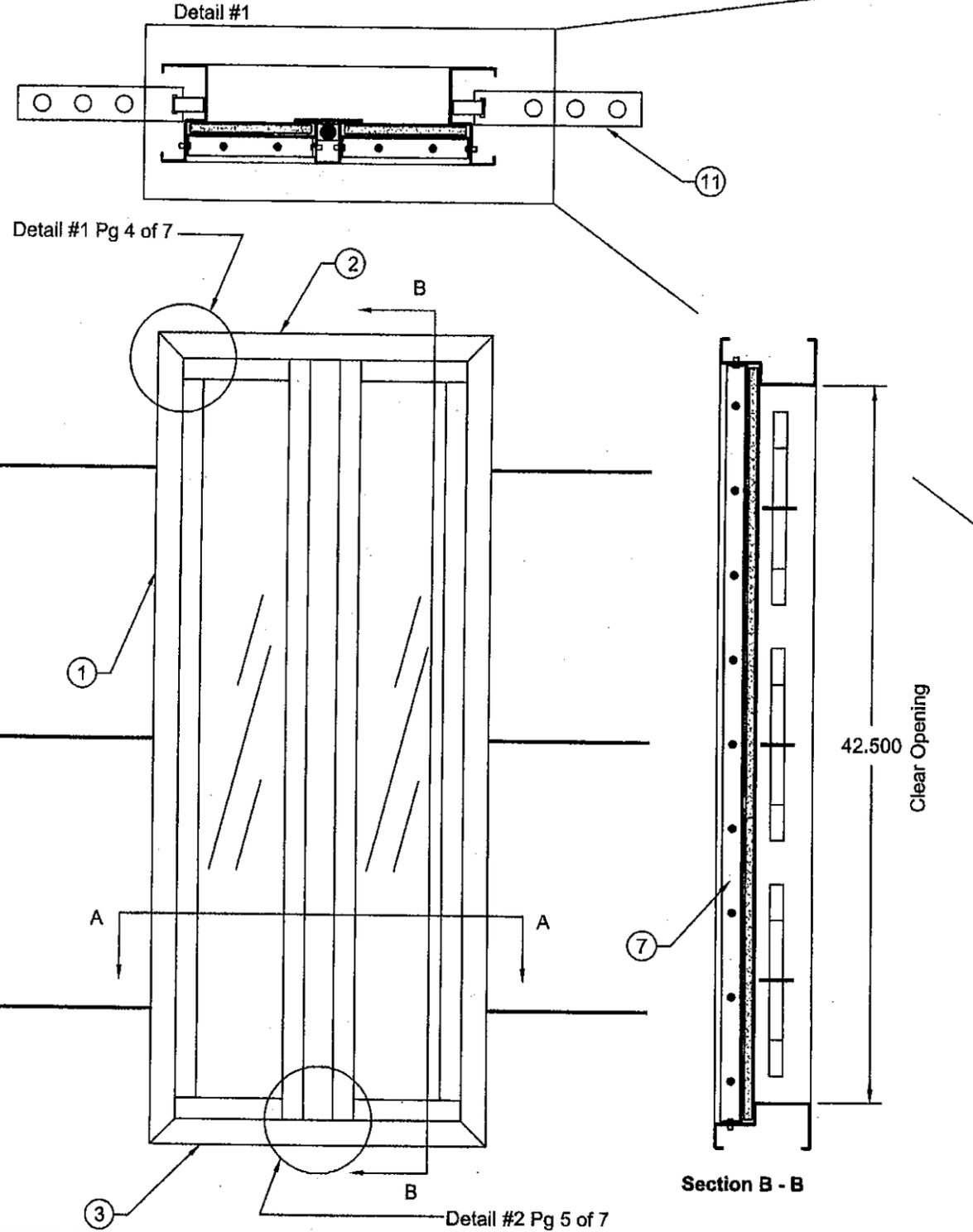
Approved as complying with the Florida Building Code
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 Miami Dade Product Control Division

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 Expiration Date: July 20, 2012

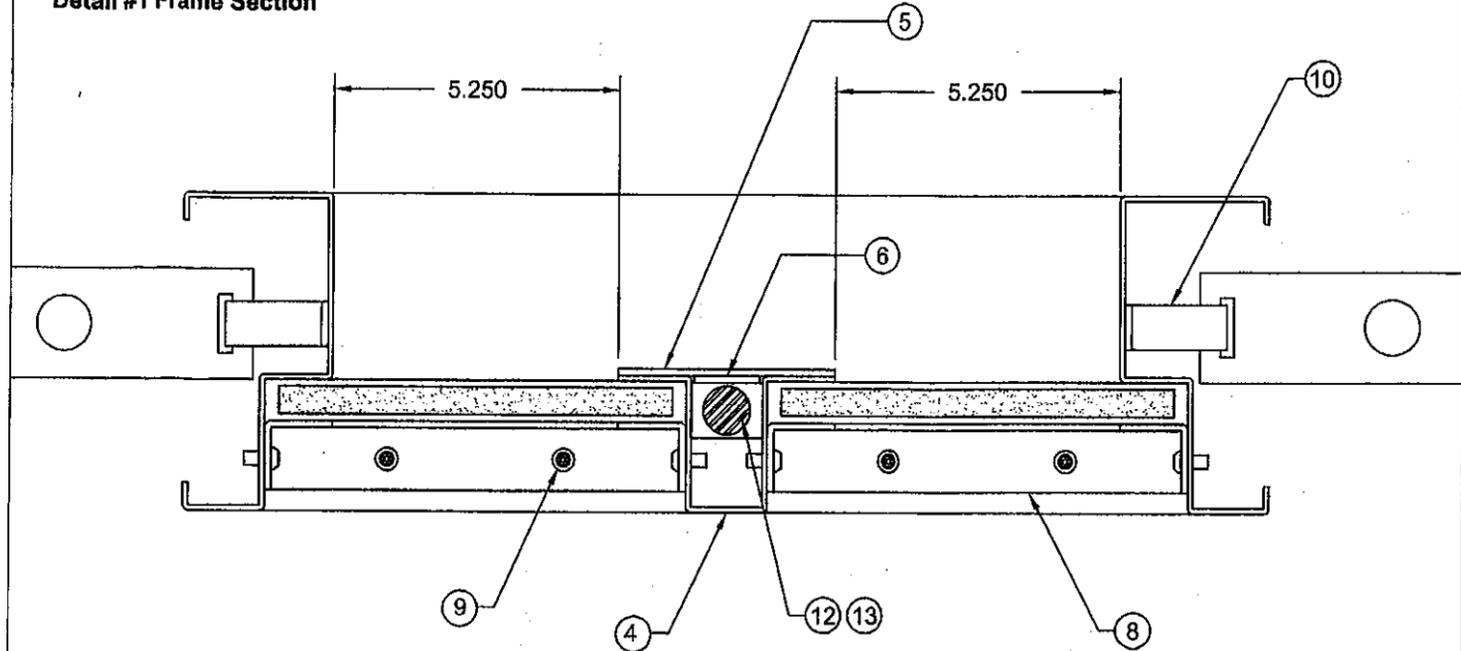
By: *Manuel Perez* By: *Manuel Perez*
 Miami Dade Product Control

Drawn by: JSIII	Checked by: JSIII	Habersham Metal Products Co., Inc.  Engineered Steel Doors and Frames 264 Stapleton Rd. Cornelia, GA 30531 (706)778-2212 FX: (706)778-2769 e-mail: hmpco@habershammetal.com	Project Name: Dade County- (Tested) Detention Cell View Window Frame	 
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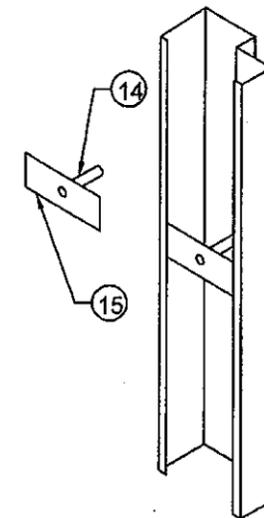
Section A - A



Detail #1 Frame Section



Expansion Bolt Preparation



See Page 6 of 7

Part Number/ Name/ Qty	Part Description	Material Thickness/ Detail
15* EB2- Exp Bolt Strap	6 2.000" x 5.500"	10 ga ASTM A 1011 CS Type B; A60 Galv
14* EB1- Exp Bolt Sleeve	6 0.75" Dia x 2.625"	Galv Pipe Sleeve; Steel Conduit
13 TRP- TR Plate	2 1.000" x 1.500"	0.375" ASTM A 514
12 TR- TR Round Bar	1 0.875" Dia x 45"	Tool Resistant Round 64HRC 0.125" Case
11 MF- Masonry Strap	12 2.000" x 10.750"	10 ga ASTM A 1011 CS Type B; A60 Galv
10 MS- Masonry Yoke	6 0.813" x 11.375"	10 ga ASTM A 1011 CS Type B; A60 Galv
9 Glass Stop Screws	56 1/2 - 20 Grade #8	Torx Security Screw; SAE Grade #8
8 GS2- Glass Stop	4 1.25" x 1.25" x 15.25"	10 ga ASTM A 1011 CS Type B; A60 Galv
7 GS1- Glass Stop	4 1.25" x 1.25" x 44"	10 ga ASTM A 1011 CS Type B; A60 Galv
6 ML- Mull Laminate	1 1.188" x 45"	10 ga ASTM A 1011 CS Type B; A60 Galv
5 MB- Mull Back Plate	1 4.250" x 45"	10 ga ASTM A 1011 CS Type B; A60 Galv
4 M- Frame Mull	1 7.281" x 45"	10 ga ASTM A 1011 CS Type B; A60 Galv
3 S- Frame Sill	1 11.657" x 19.875"	10 ga ASTM A 1011 CS Type B; A60 Galv
2 H- Frame Header	1 11.657" x 19.875"	10 ga ASTM A 1011 CS Type B; A60 Galv
1 J- Frame Jamb	2 11.657" x 47.875"	10 ga ASTM A 1011 CS Type B; A60 Galv

* Used only for Exp Bolt Anchor. (Parts 10 and 11 not used)

Bill of Materials

Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

Dade County Compliance Office Use

Approved as complying with the Florida Building Code
 Date July 20, 2006
 NOA# 06-0117-07
 Miami Dade Product Control
 By Manuel Perez
 RODUCT RENEWED as complying with the Florida Building Code
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Drawn by: JSIII
 Checked by: JSIII
 Date: 6-22-06
 Page: 3 of 7
 Revisions: ORIGINAL

Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
 264 Stapleton Rd
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 e-mail: hmpco@habershammetal.com

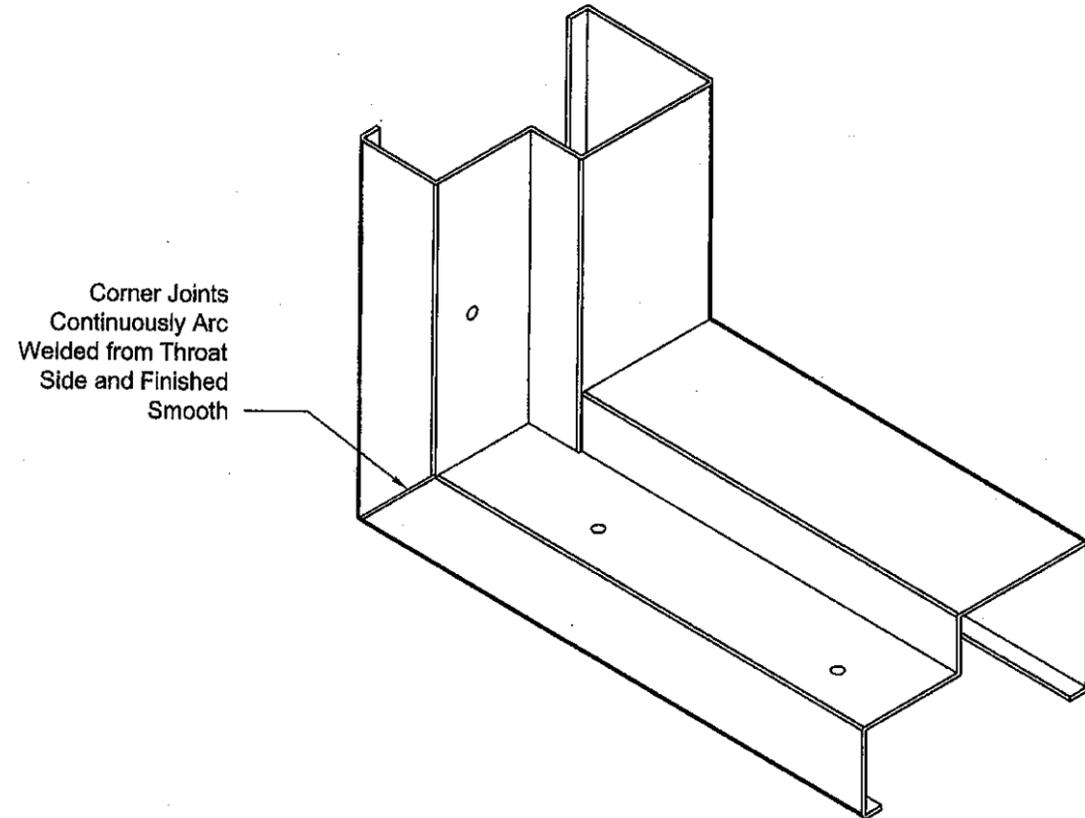
Project Name:
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 NOA Application # 060117.07



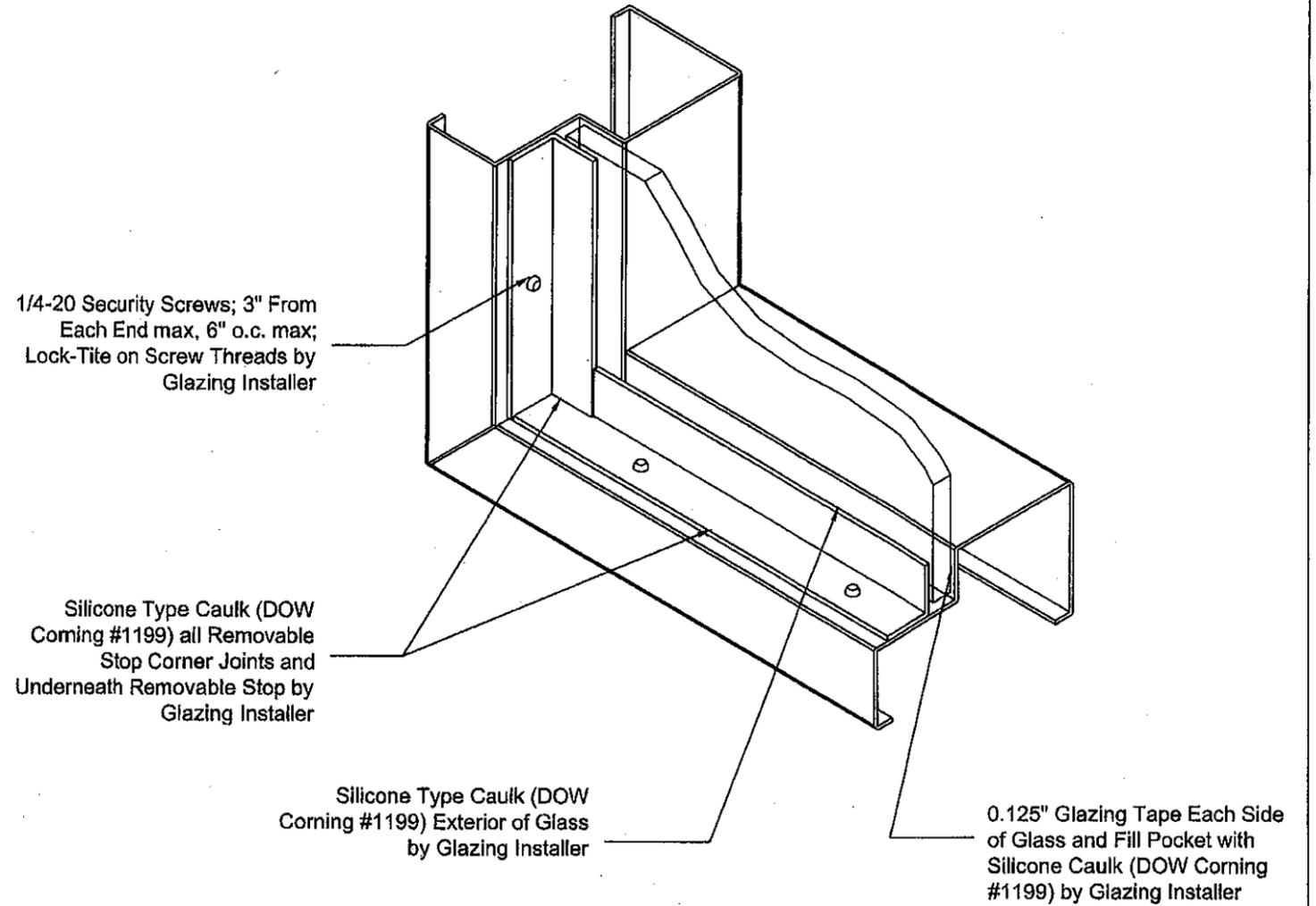
Bob
 6/22/06

Detail #1 Corner Joint

Weld and Assembly Detail



Glass Stop and Glazing Detail



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Date: 6-22-06	Page: 4 of 7
Revisions: ORIGINAL	

Habersham Metal Products Co., Inc.
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Ref'd 6/22/06

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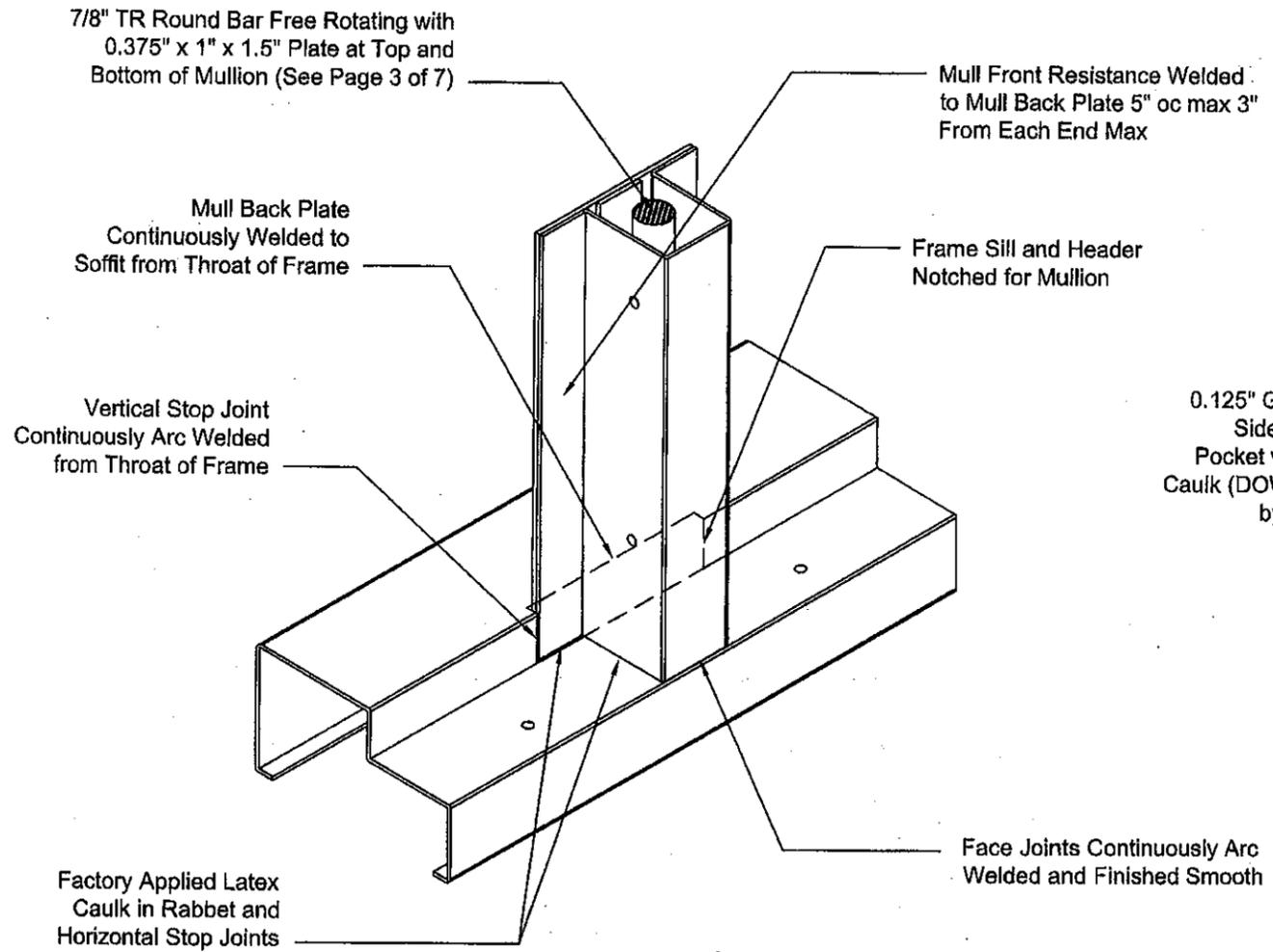
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 By: *Manuel Perez*

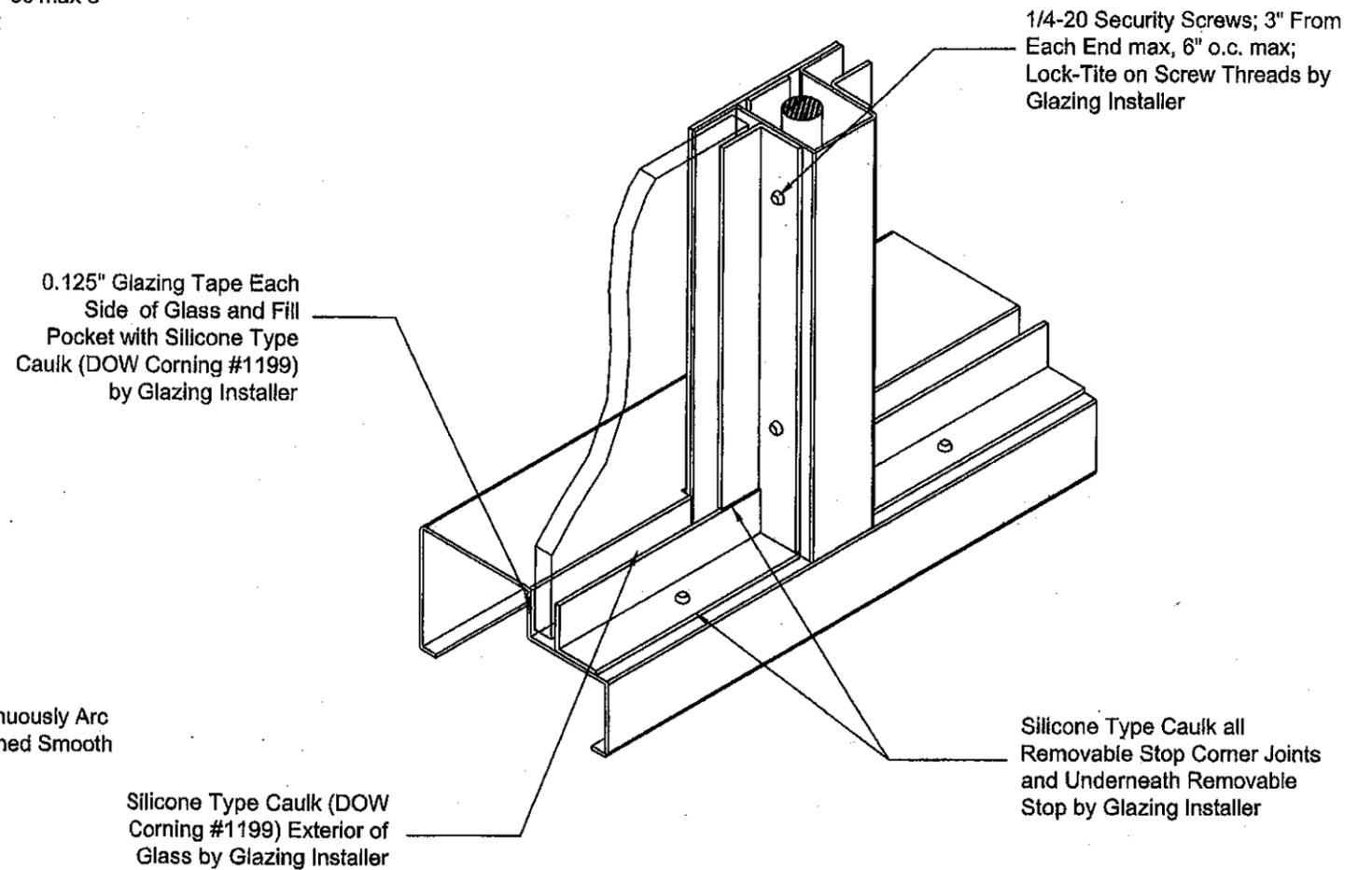
PRODUCT RENEWED
 as complying with the Florida Building Code
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 Expiration Date July 20, 2012
 By: *Manuel Perez*
 Miami Dade Product Control

Detail #2 Mull Joint

Weld and Assembly Detail



Glass Stop and Glazing Detail



Florida Registered Professional Engineer
 Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

RFH
6-22-06

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Dade County Compliance Office Use

Approved as complying with the Florida Building Code
 Date July 20, 2006
 NOA# 02-0117-07
 Miami Dade Product Control Division
 By Manuel Perez

PRODUCT RENEWED
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Date: 6-22-06	Page: 5 of 7
Revisions: ORIGINAL	

Habersham Metal Products Co., Inc.

Engineered Steel Doors and Frames
 264 Stapleton Rd
 Cornelia, GA 30531
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 e-mail: hmpco@habershammetal.com

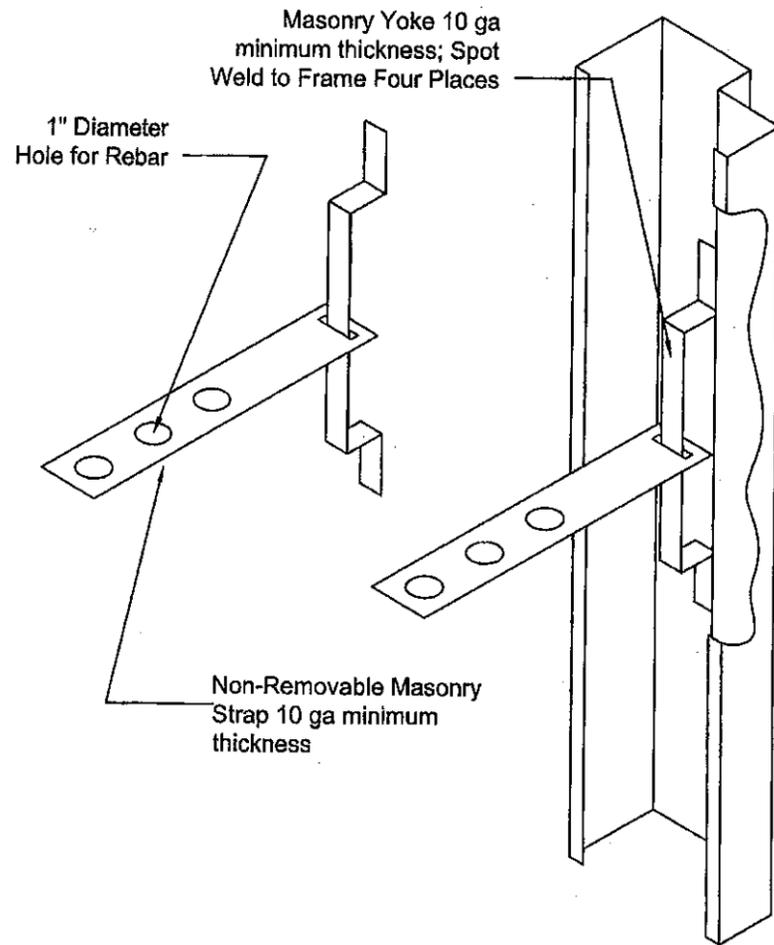
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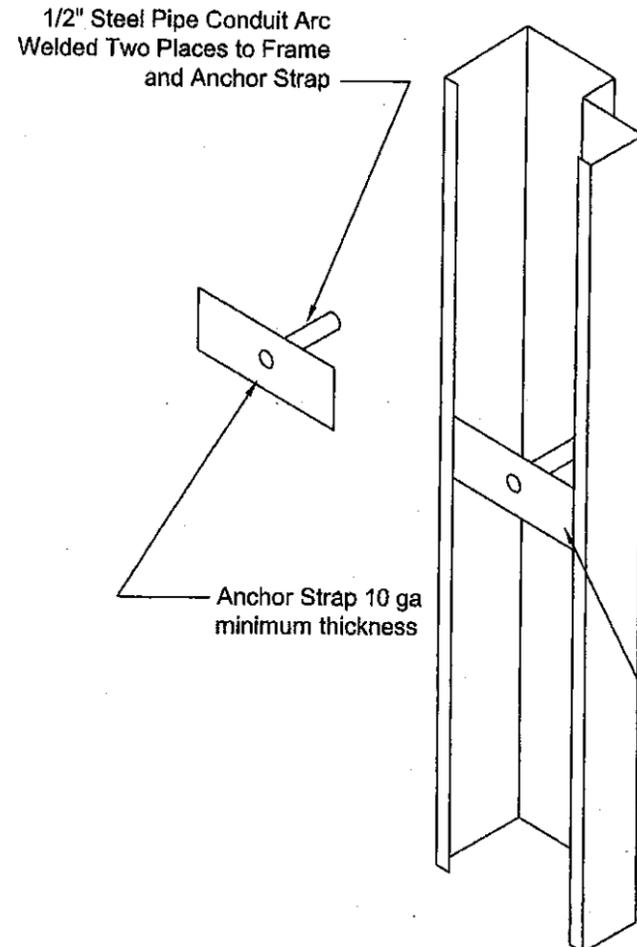


Frame Anchor Details

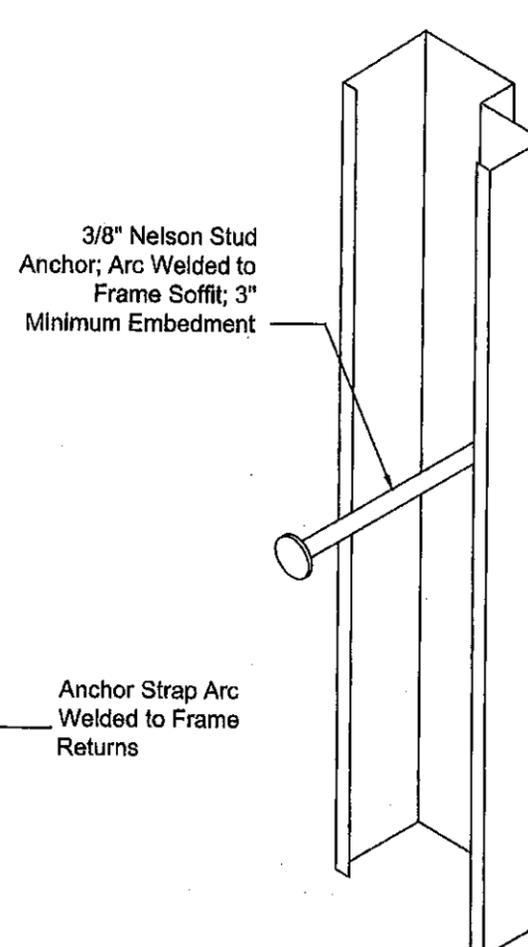
**Non-Removable Masonry Yoke and Strap
(No Head and Sill Anchors)**



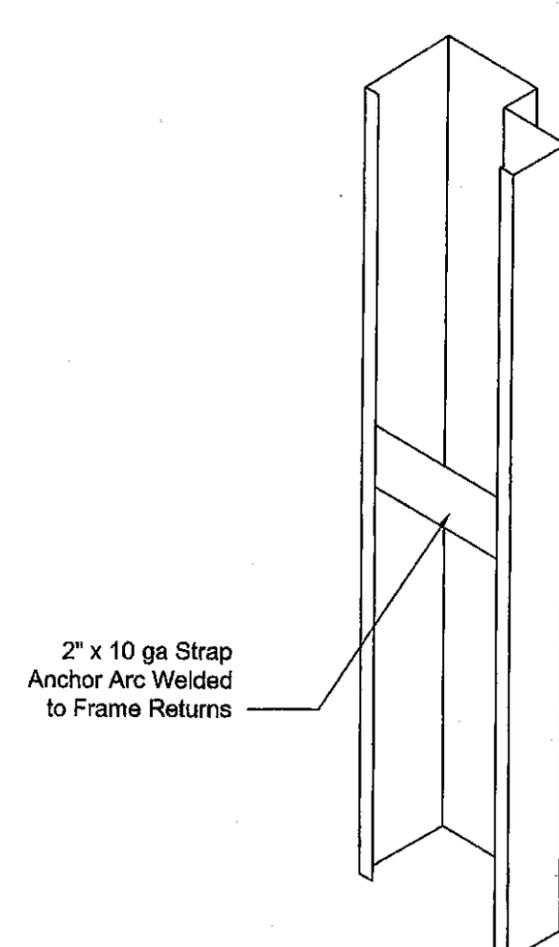
**Expansion Bolt Anchor for Existing Masonry
(Head and Sill Anchors One Centered in Each Light)**



**Nelson Stud Anchor for Cast In Place Masonry
(No Head and Sill Anchors)**



**Strap Anchor for Cast In Place Masonry
(No Head and Sill Anchors)**



- * 3/8" Hilti HIT HY 150 Injection Anchor- 3.5" Min Embedment
- * 3/8" Hilti Carbon Steel Kwik Bolt II Expansion Anchor -1.625" Minimum Embedment

Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; 9" from Each End Max, 18" o.c. Max

Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

Dade County Compliance Office Use

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Date: 6-22-06
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Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
264 Stapleton Rd
Comella, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:

Dade County- (Tested)
Detention Cell View Window Frame

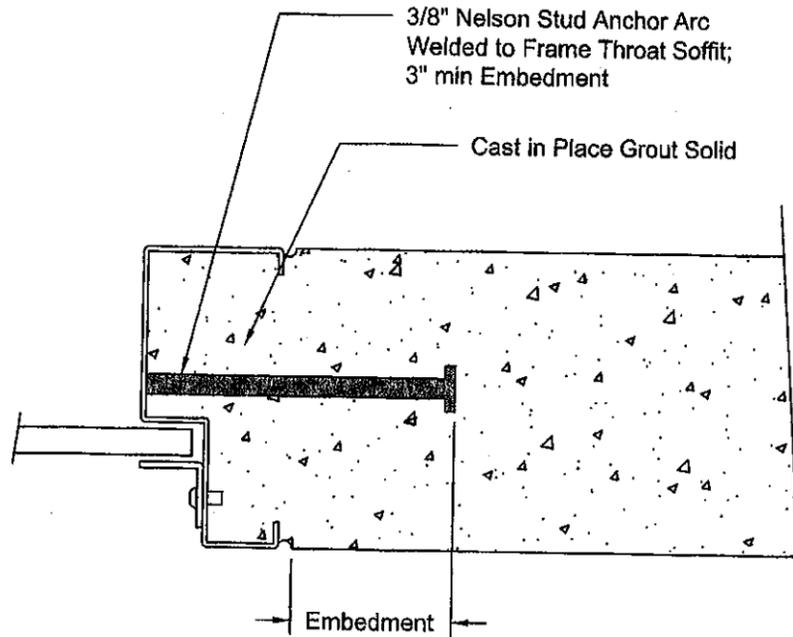
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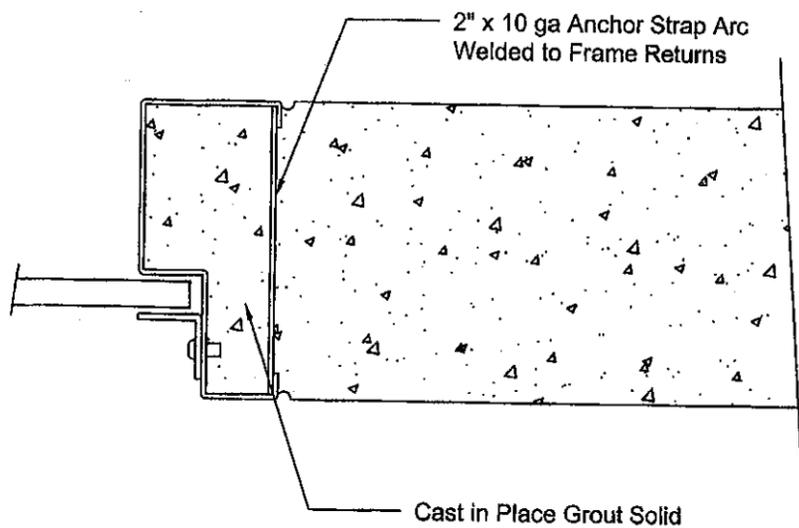


Frame Anchor Details

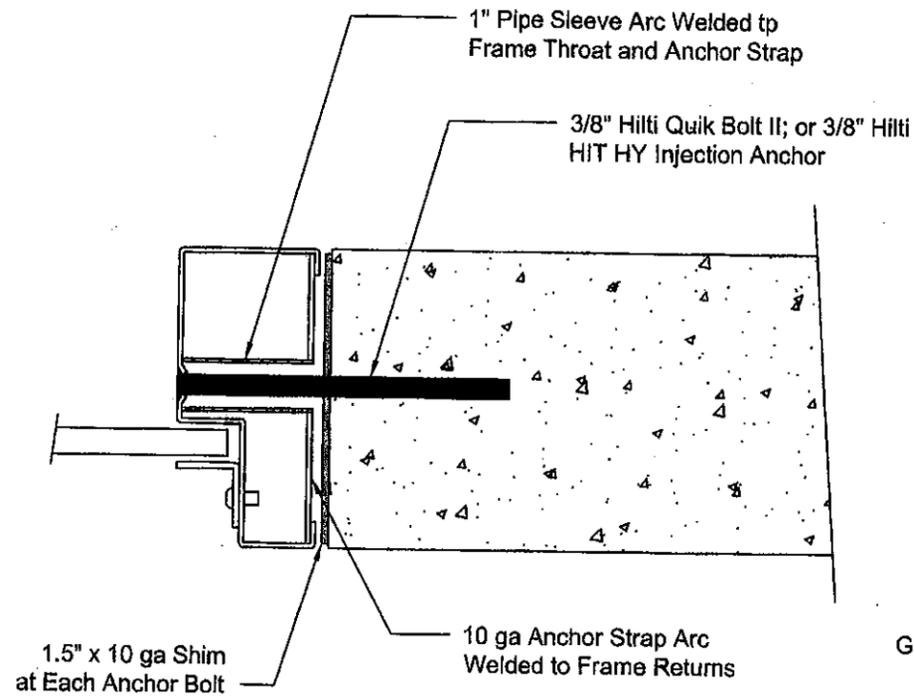
**Nelson Stud Anchor for Cast in Place Masonry
(No Head and Sill Anchors)**



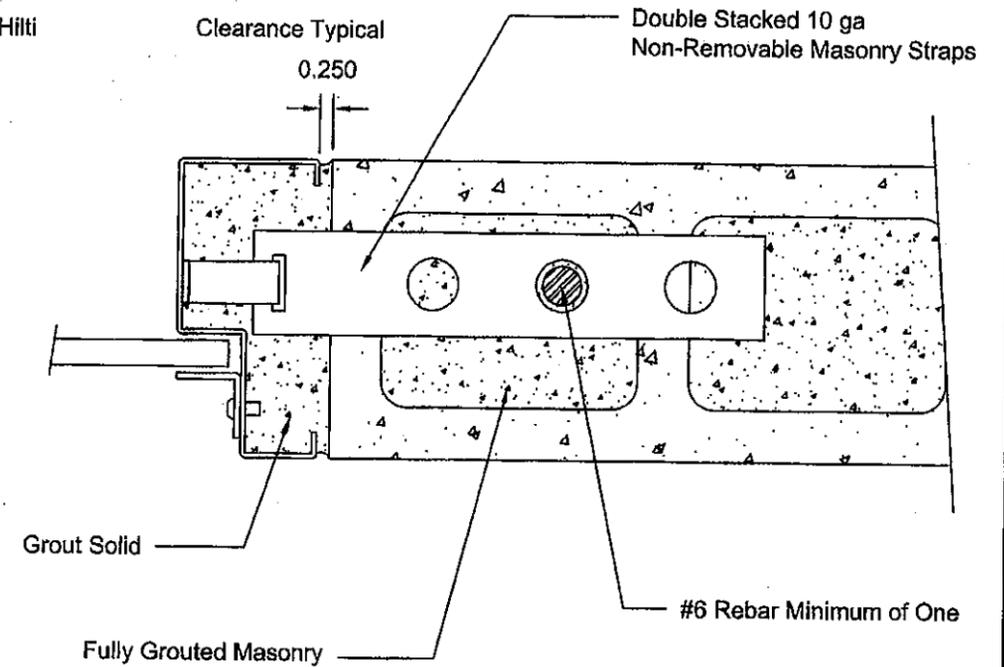
**Strap Anchor for Cast in Place Masonry
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**Expansion Bolt Anchor for Existing Masonry
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Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; 9" From Each End Max, 18" o.c. Max

Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

Handwritten initials and date: MS 6/22/06

Dade County Compliance Office Use

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Date: July 20, 2006
NOA# 06-0117.07
Miami Dade Product Control
By: *Manuel Perez*
RODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 11-0713.D1
Expiration Date: July 20, 2012
By: *Manuel Perez*
Miami Dade Product Control

The Window Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in Reference to the MACTEC Report Dated March 16th, 2006, rev 6-22-06.

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