



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.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

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 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 Florida Building Code, including the High Velocity Hurricane Zone.

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

APPROVAL DOCUMENT: Drawing No. **060117.07**, titled "Dade County (Tested) Detention Cell View Frame", sheets 1 through 7, dated 06/22/06, prepared by manufacturer, signed and sealed by R. Greg Henley, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 06-0117.07
Expiration Date: July 20, 2011
Approval Date: July 20, 2006
Page 1

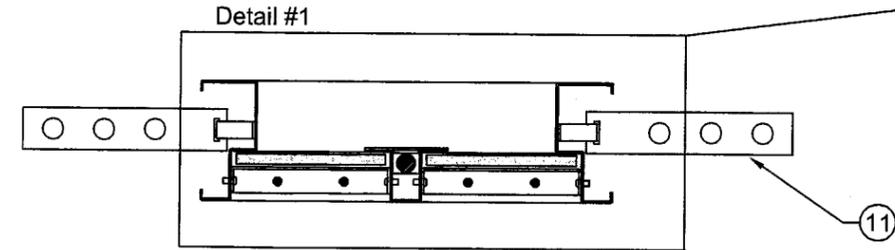
Habersham Metal Products Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

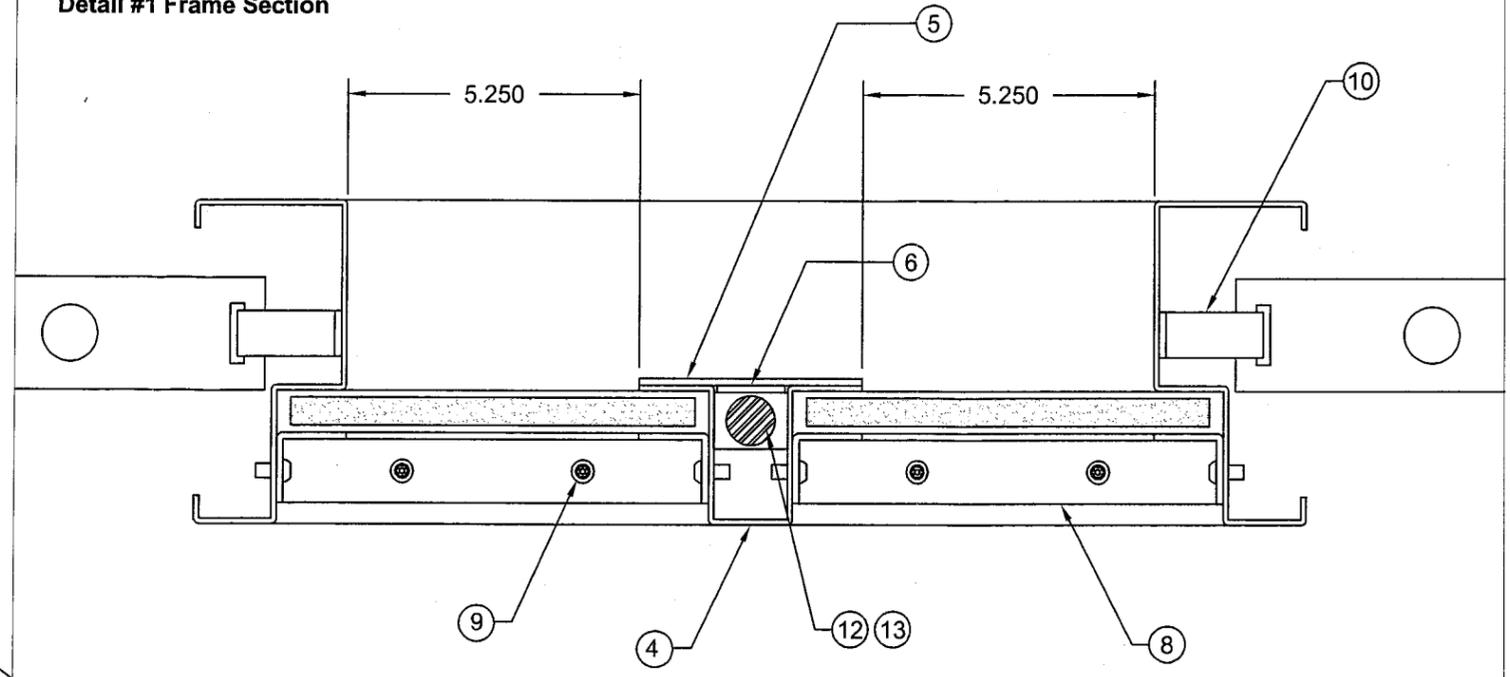
- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No **060117.07**, Sheets 1 through 7 of 7, dated 06/22/06, titled "Dade County (Tested) Detention Cell View Window Frame", prepared by manufacturer, signed and sealed by R. Greg Henley, P.E.
- B. TESTS**
1. Test reports on 1) Air 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 203-94
along 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-2004, prepared by MACTEC Engineering and Consulting, Inc., dated March 16, 2006 and revised on June 22, 2006, signed and sealed by R. Greg Henley, P.E.
Complies with ASTM E1300-98/02
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **031210.04** issued to General Electric Company for "Polycarbonate Plastic Sheets" dated 12/03/04, expiring on 07/17/08.
 2. Notice of Acceptance No. **02-0115.03** issued to Globe Amerada Architectural Glass, L.L.C. for "Glass Clad Polycarbonate" dated 02/07/02, expiring on 09/03/06.
- F. STATEMENTS**
1. Statement letter of conformance, dated March 16, 2006, signed and sealed by R. Greg Henley, P.E.
 2. Statement letter of no financial interest, dated March 21, 2006, signed and sealed by R. Greg Henley, P.E.
 3. Laboratory compliance letter for Test Report no. CTLA- 379W, issued by Certified Testing Laboratories, dated March 30, 1999, signed and sealed by Ramesh C. Patel, P.E.
- G. OTHER**
1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No 06-0117.07
Expiration Date: July 20, 2011
Approval Date: July 20, 2006

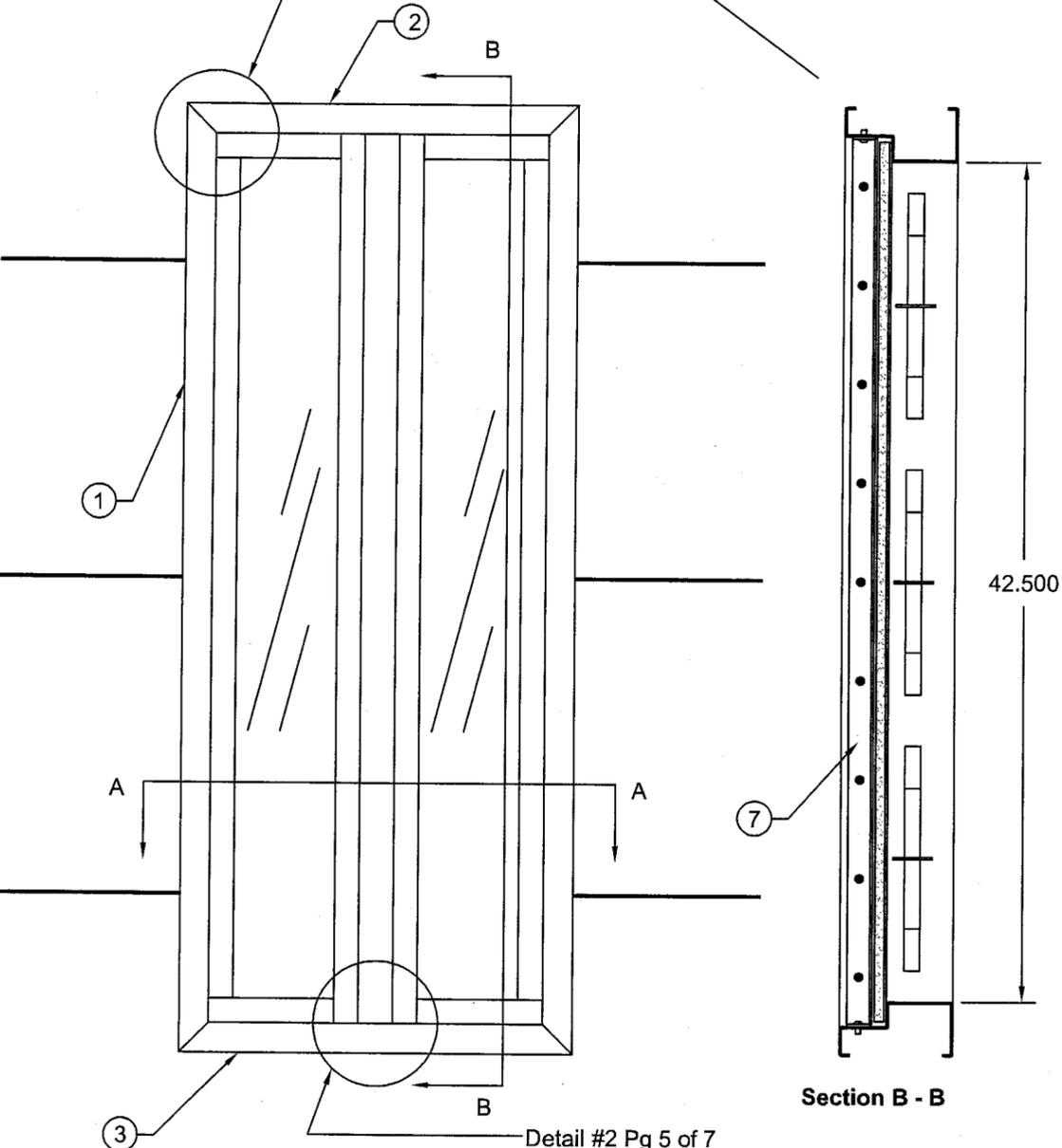
Section A - A



Detail #1 Frame Section



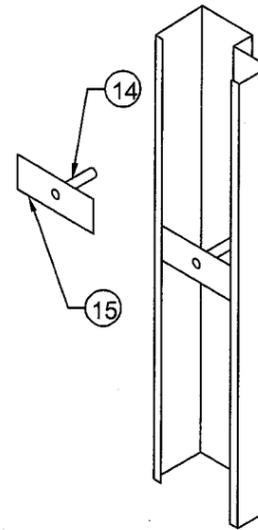
Detail #1 Pg 4 of 7



Section B - B

Detail #2 Pg 5 of 7

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	1/4" - 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

Drawn by: JSIII	Checked by: JSIII
Date: 6-22-06	Page: 3 of 7
Revision: ORIGINAL	

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

Job Number:

NOA Application # 060117.07



Florida Registered Professional Engineer

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

*Robt
6-22-06*

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.

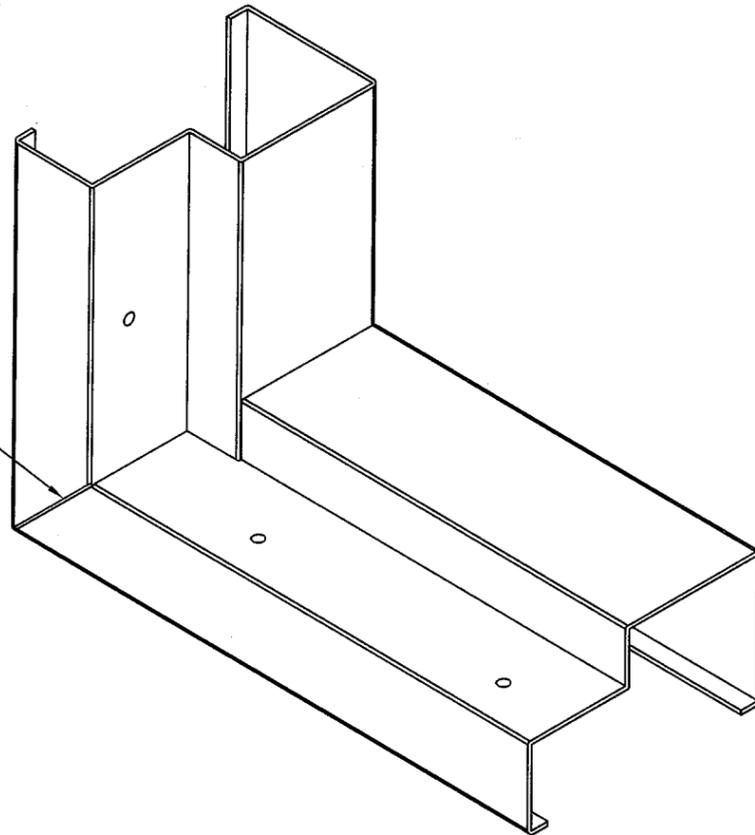
Dade County Compliance Office Use

Approved as complying with the
Florida Building Code
Date JULY 20, 2006
NOA# 06-0117-07
Miami Dade Product Control
Division
Manuel Perez

Detail #1 Corner Joint

Weld and Assembly Detail

Corner Joints
Continuously Arc
Welded from Throat
Side and Finished
Smooth



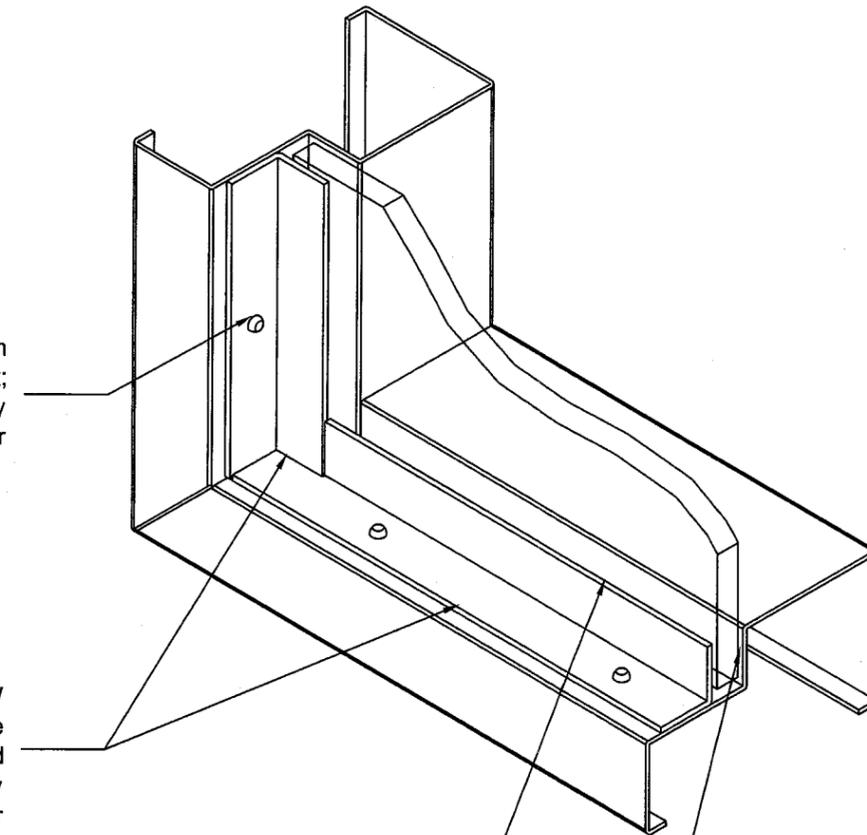
Glass Stop and Glazing Detail

1/4-20 Security Screws; 3" From
Each End max, 6" o.c. max;
Lock-Tite on Screw Threads by
Glazing Installer

Silicone Type Caulk (DOW
Corning #1199) all Removable
Stop Corner Joints and
Underneath Removable Stop by
Glazing Installer

Silicone Type Caulk (DOW
Corning #1199) Exterior of Glass
by Glazing Installer

0.125" Glazing Tape Each Side
of Glass and Fill Pocket with
Silicone Caulk (DOW Corning
#1199) by Glazing Installer



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

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*RFH
6/22/06*

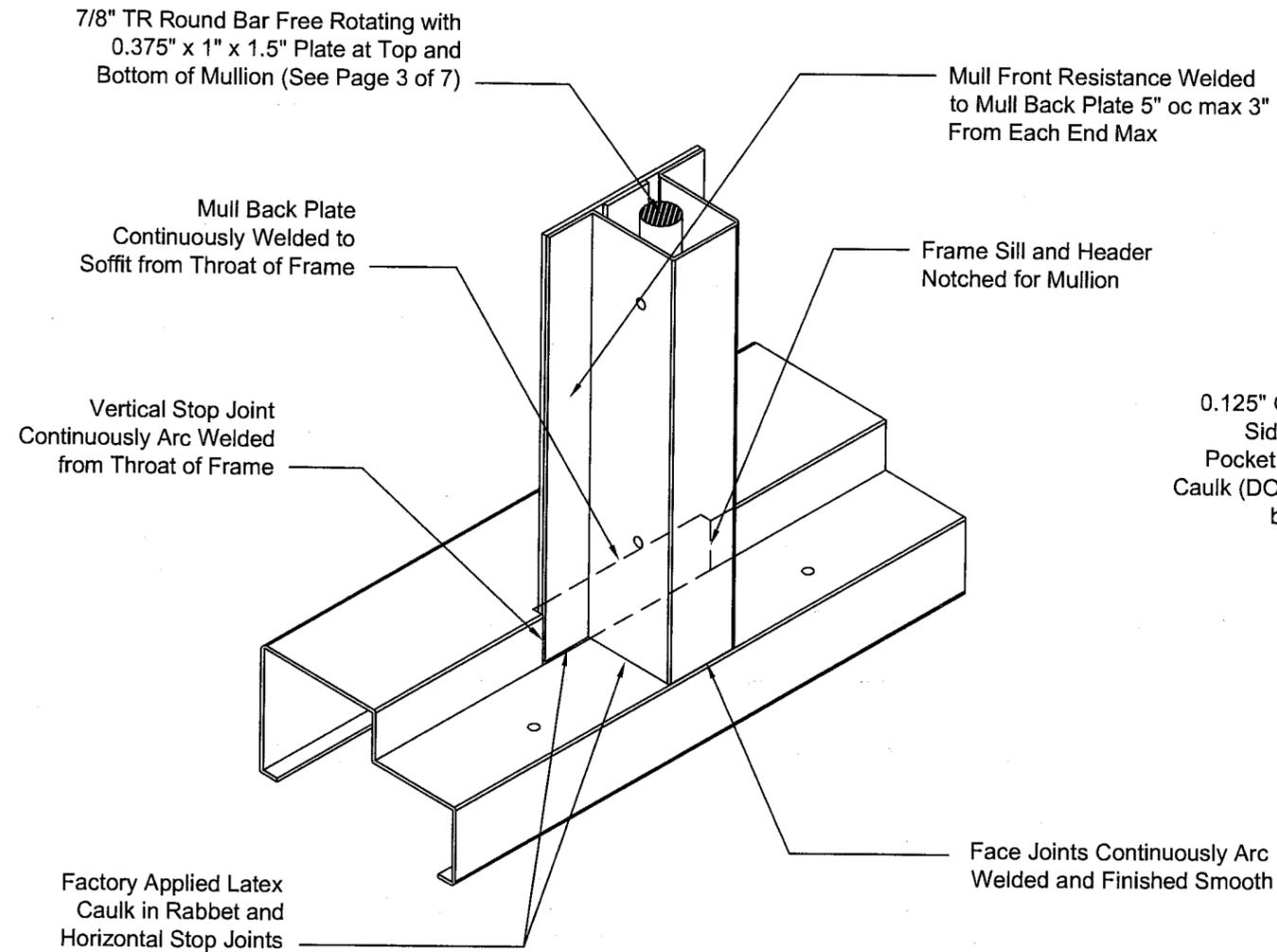
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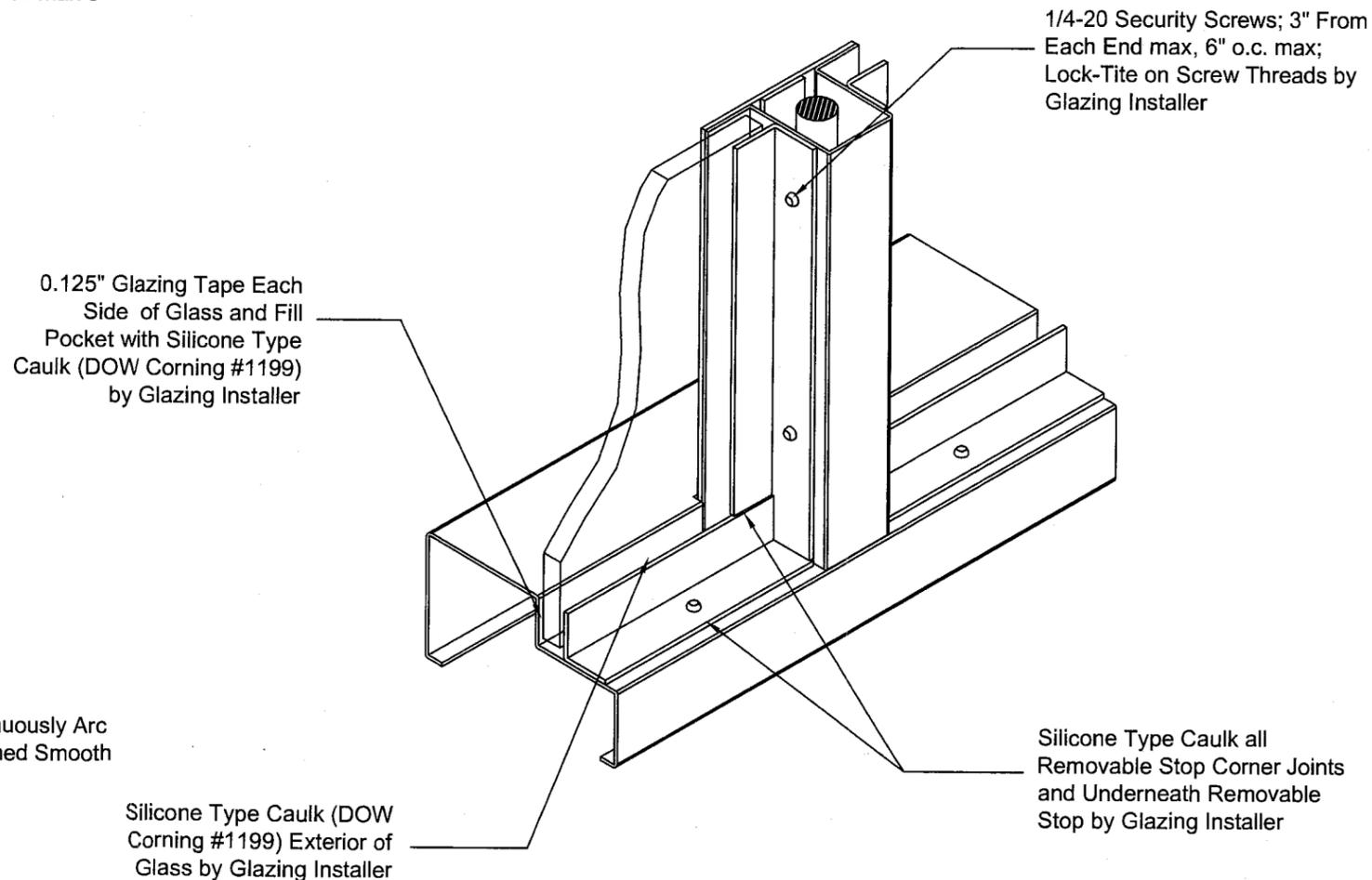
Approved as complying with the
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Date: July 20, 2006
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Miami Dade Product Control
Division
By: *Manuel Perez*

Detail #2 Mull Joint

Weld and Assembly Detail



Glass Stop and Glazing Detail



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Date: 6-22-06	Page: 5 of 7
Revision: ORIGINAL	

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Address: 396 Plasters Ave, N.E.
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RFH
6/22/06

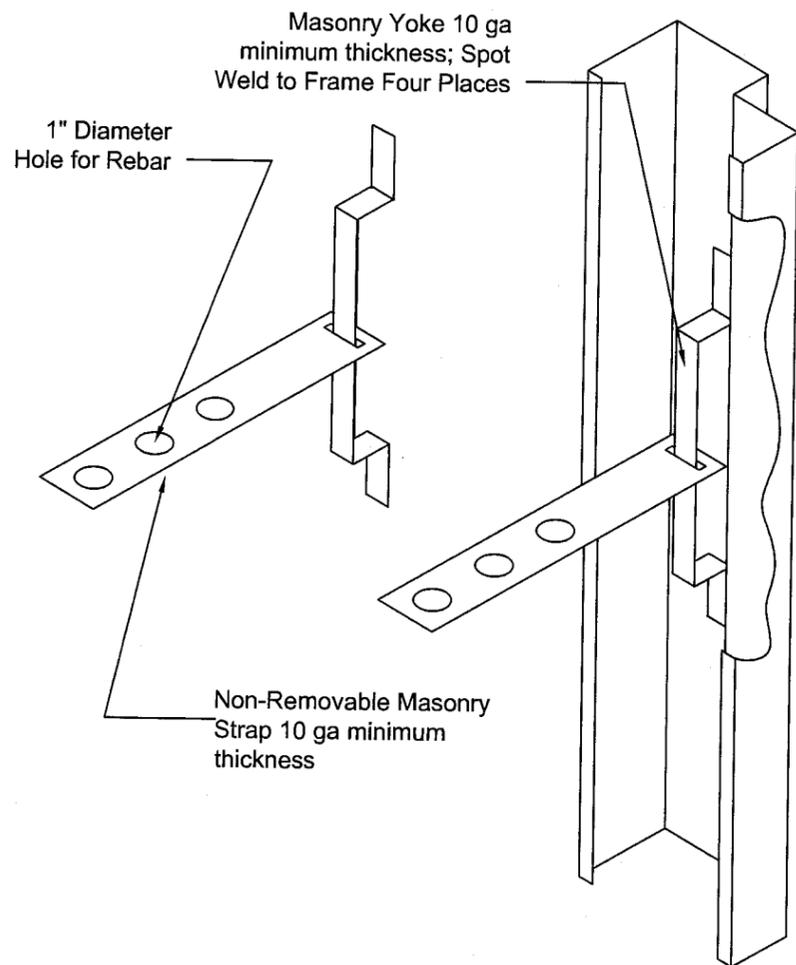
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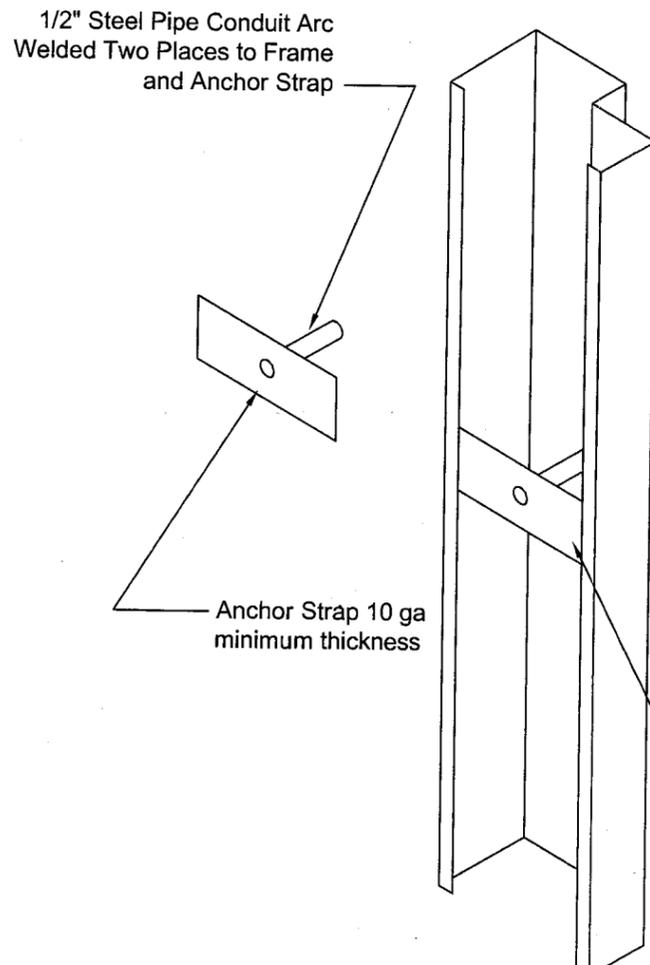
Approved as complying with the Florida Building Code
Date: July 20, 2006
NDA# 06-0117.07
Miami Dade Product Control Division
By: *Manuel Perez*

Frame Anchor Details

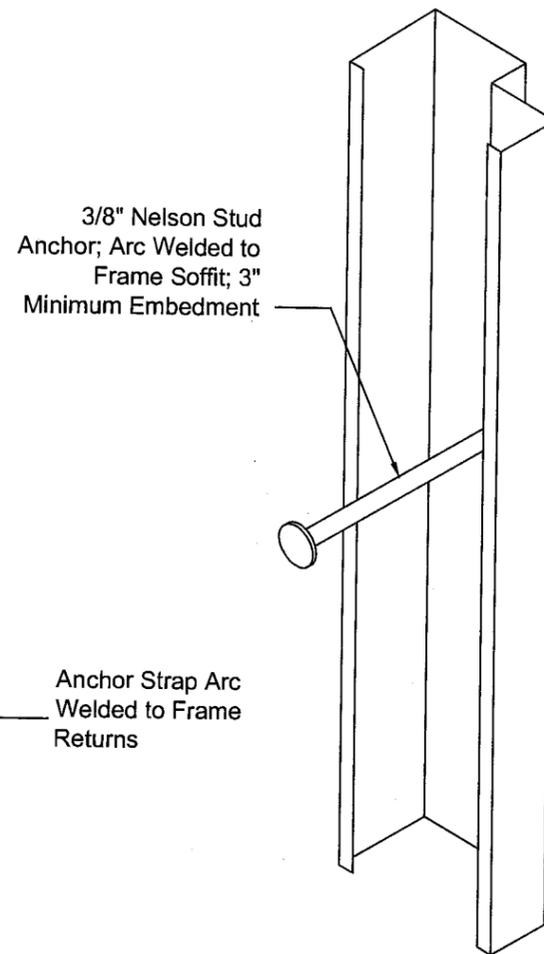
**Non- Removable Masonry Yoke and Strap
(No Head and Sill Anchors)**



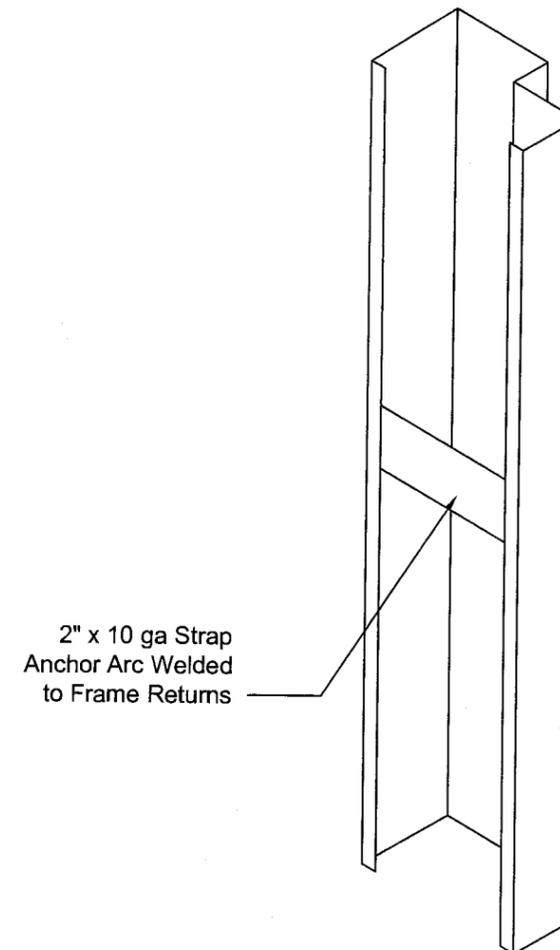
**Expansion Bolt Anchor for Existing Masonry
(Head and Sill Anchors One Centered in Each Light)**



**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

Drawn by: JSIII	Checked by: JSIII
Date: 6-22-06	Page: 6 of 7
Revision: ORIGINAL	

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

PEE
62206

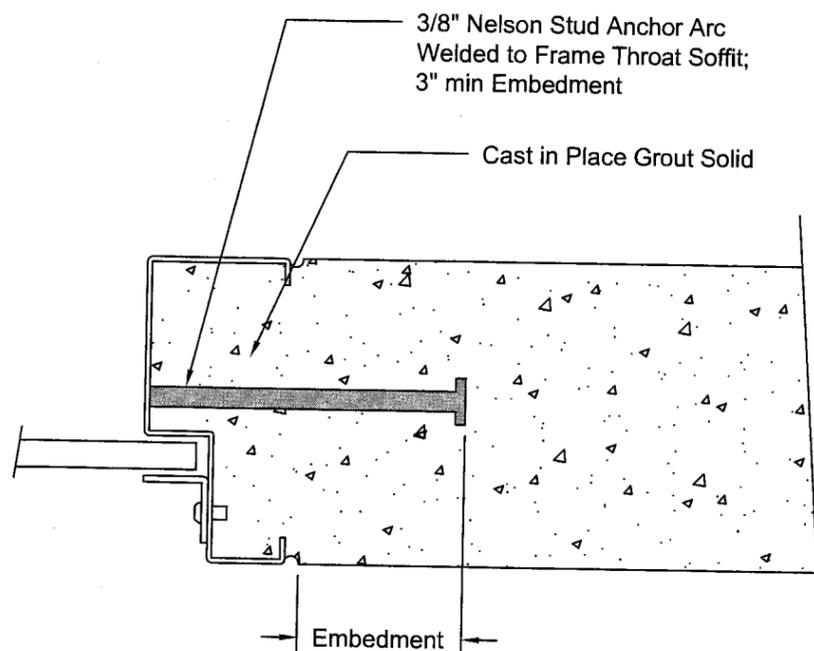
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Dade County Compliance Office Use

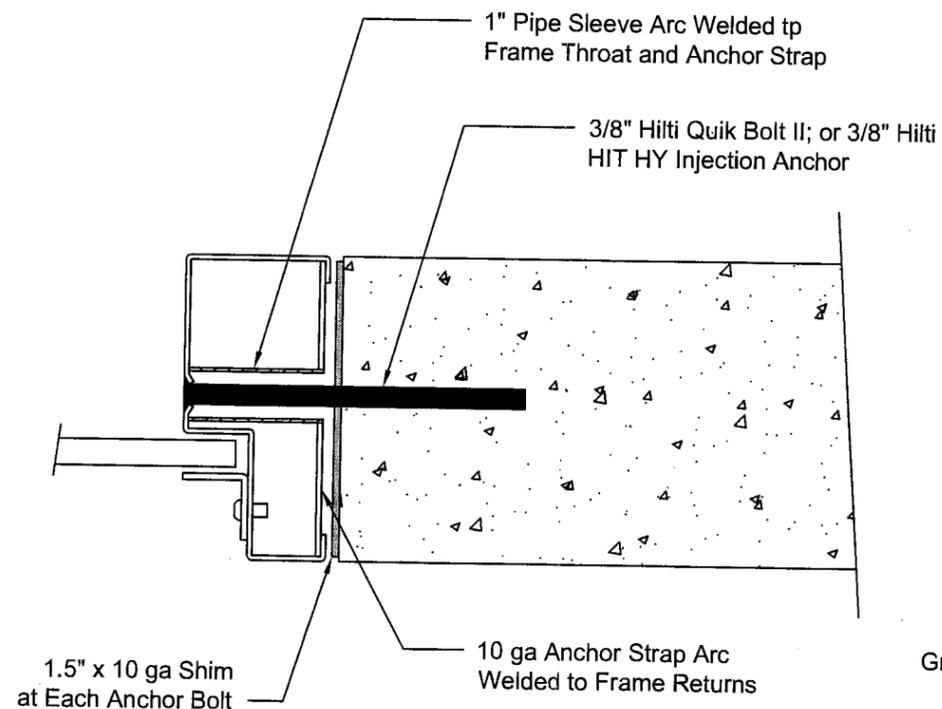
Approved as complying with the
Florida Building Code
Date July 20, 2006
NOA# 06-0117.07
Miami Dade Product Control
Division
By [Signature]

Frame Anchor Details

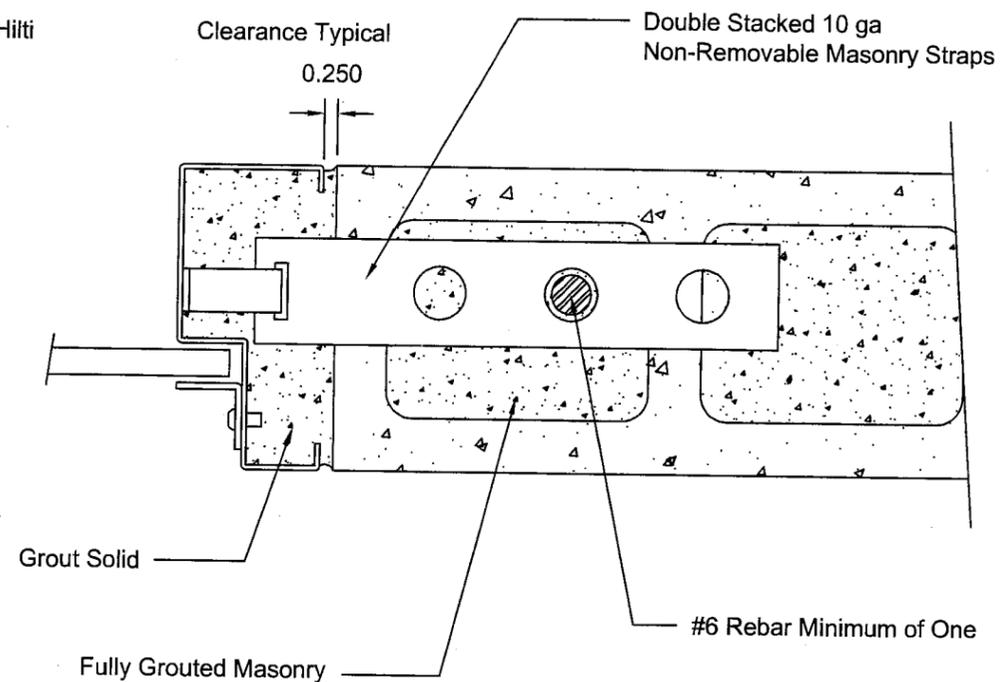
**Nelson Stud Anchor for Cast in Place Masonry
(No Head and Sill Anchors)**



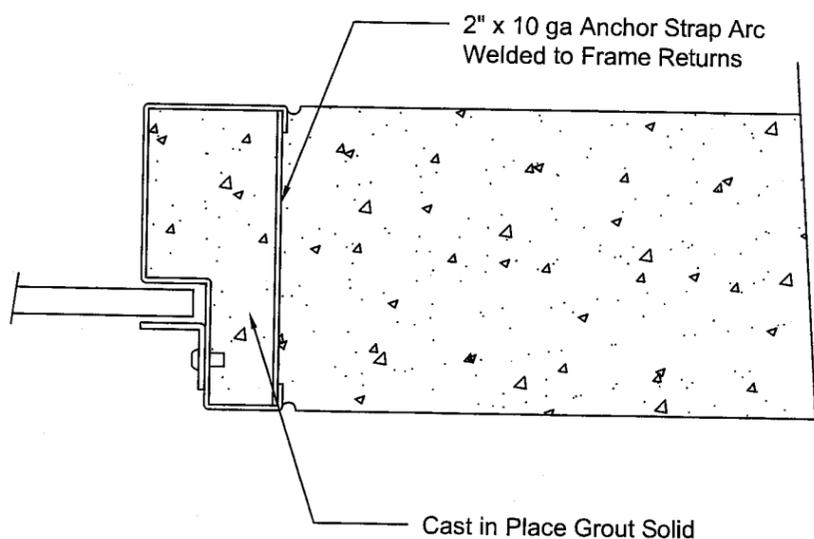
**Expansion Bolt Anchor for Existing Masonry
(Head and Sill Anchors One Centered in Each Light)**



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



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



- * $\frac{3}{8}$ " Hilti HIT HY 150 Injection Anchor- 3.5" Min Embedment
- * $\frac{3}{8}$ " 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

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Date: 6-22-06	Page: 7 of 7
Revision: ORIGINAL	

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Florida Registered Professional Engineer
Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
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*RFH
62206*

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Dade County Compliance Office Use

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Miami Dade Product Control
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By: *Manuel Perez*

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

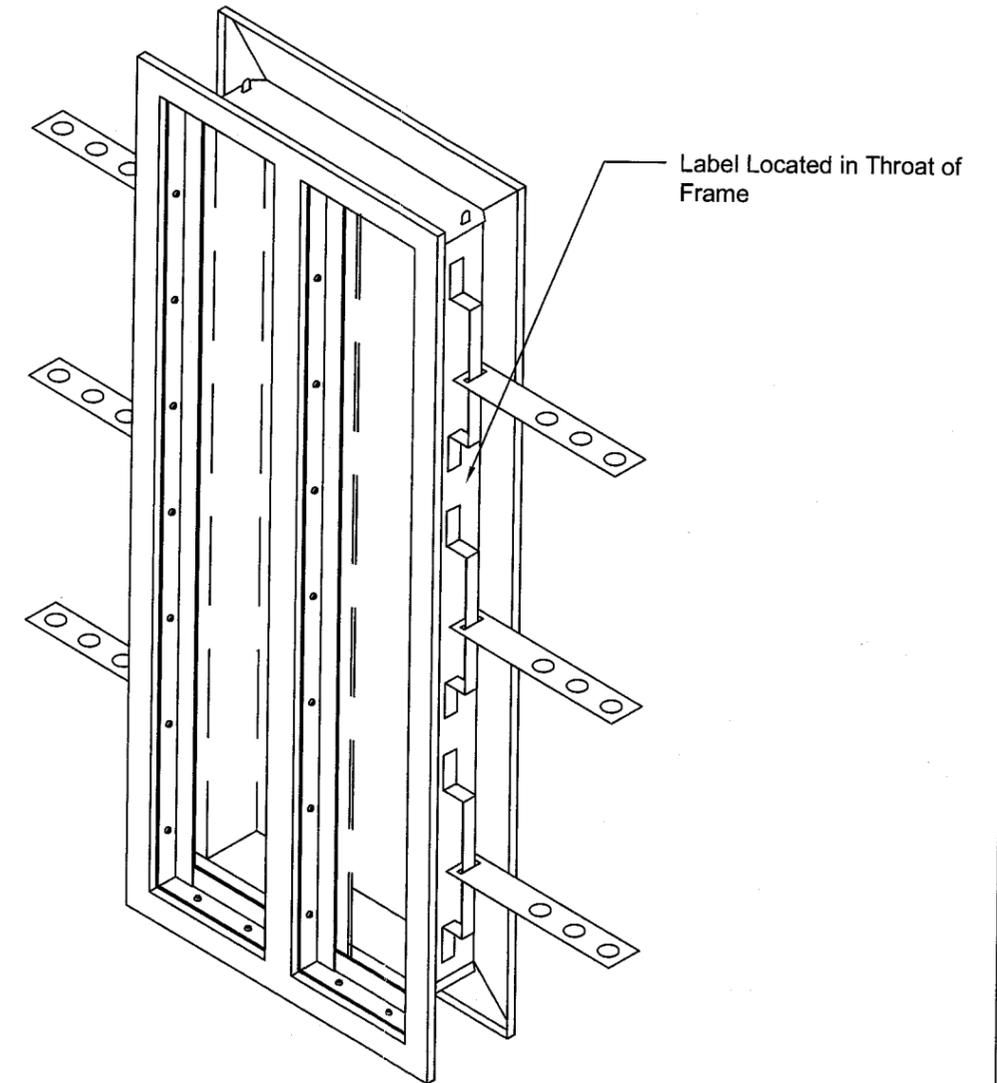
Design Pressure Rating	Impact Rating
+ 79 psf , -99 psf with Masonry Straps + 135 psf , -170 psf Hilti Anchors and Nelson Studs	TAS 201 Large Missile Impact TAS 203 Cyclic Loading Rating is in Accordance with CTL Test Report #CTLA-379A Dated March 30, 1999, Signed and Sealed by Mr. Ramesh Patel, P.E.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



Drawn by: JSIII	Checked by: JSIII
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Florida Registered Professional Engineer

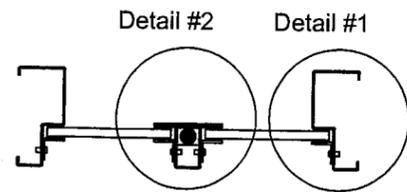
Company Name: MACTEC Engineering and Consulting
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MA 62206

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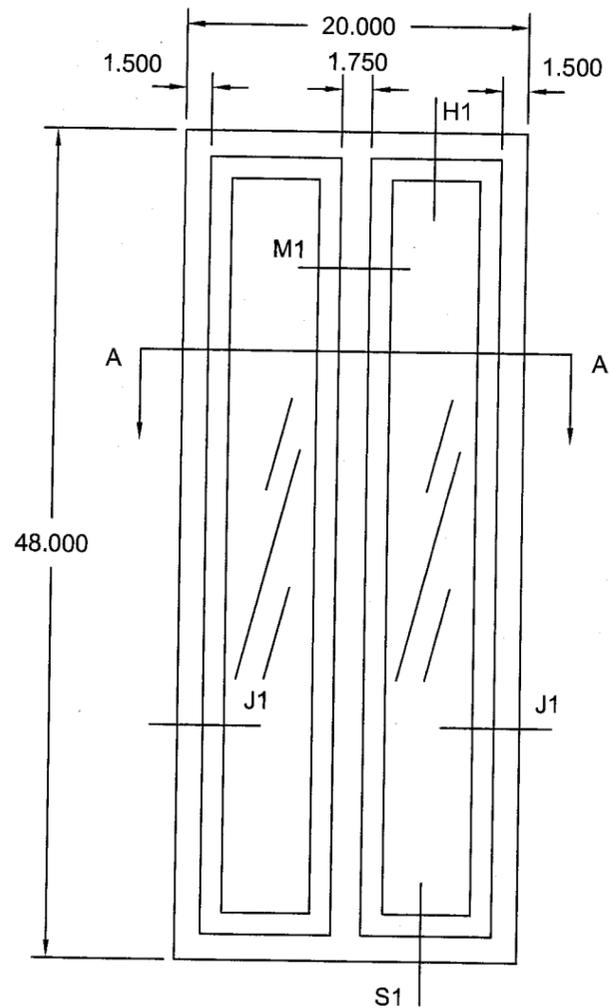


Isometric View

Three Anchors
Minimum Each Jamb
Between Courses of
Masonry

Interior (Typical)

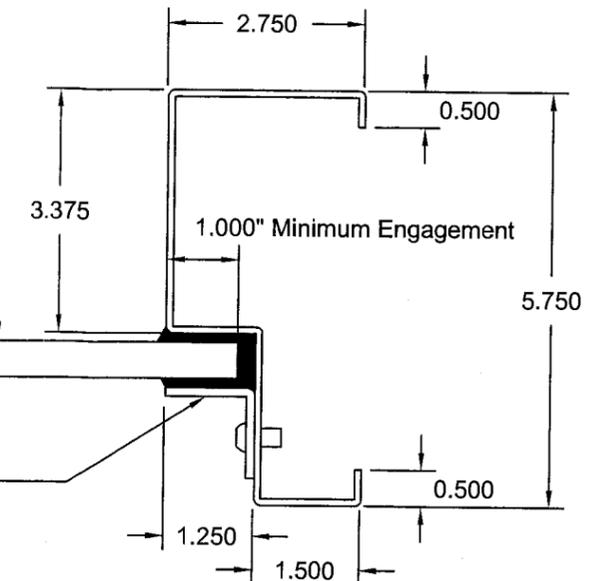
Exterior (Typical)



Detail #1: J1, H1, S1

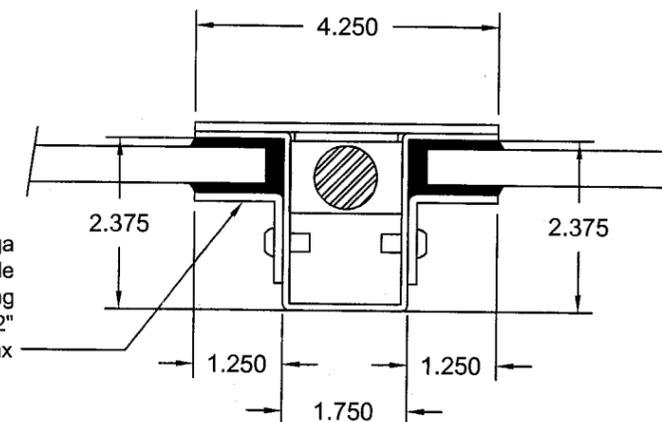
Polycarbonate Glazing;
GE Lexan MR10
1/4" Minimum Thickness

1.25" x 1.25" x 10 ga Pressed
Steel Angle Fastened to Frame
using 1/4-20 Screws 6" oc max;
2" From Each End Max



Detail #2: M1

1.25" x 1.25" x 10 ga
Pressed Steel Angle
Fastened to Frame using
1/4-20 Screws 6" oc max; 2"
From Each End Max



Florida Registered Professional Engineer

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Division
By Manuel Perez

Handwritten signature and date: 6/22/06

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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