



**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) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

**Gensteel Doors Inc.
4950 Hickmore Street**

Ville St. Laurent, Quebec, Canada H4T1K6

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: Series Genstorm Opaque Outswing Steel Doors – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD-09-001**, titled "Genstorm Opaque Outswing Steel Door (LMI)", sheet 1 through 8 of 8, dated 10/22/09, with Revision 1 dated 05/24/10, prepared by MCY Engineering, Inc, signed and sealed by Yiping Wang, 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 one of the following permanent labels:

Gensteel Doors Inc. 4950 Hickmore Street Ville St. Laurent, Quebec, Canada H4T1K6	Gensteel Doors Inc. 2335 Industrial Park Drive Cornwall, Ontario, Canada K6H7M4	North American Doors Corp. 6 Industrial Blvd. Plattsburgh, NY 12901-1911
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and the statement: "Miami-Dade County Product Control Approved".

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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Handwritten signature and date: 10/6/23/10

**NOA No 10-0125.01
Expiration Date: July 14, 2015
Approval Date: July 14, 2010
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **AD-09-001**, titled "Genstorm Opaque Outswing Steel Door (LMI)", sheet 1 through 8 of 8, dated 10/22/09, with Revision 1 dated 05/24/10, prepared by MCY Engineering, Inc, signed and sealed by Yiping Wang, 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
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
 - 7) Tensile Test, per ASTM A370-05

Along with marked-up drawings and installation diagram of Genstorm Opaque, Glazed and Louvered Single and Double Swinging Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **5877**, dated 10/13/09, signed and sealed by Julio E. Gonzalez, P.E.

2. Test reports on
 - 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of Genstorm Opaque Single Swinging Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **5898**, dated 09/14/09, signed and sealed by Julio E. Gonzalez, P.E.

C. CALCULATIONS

1. Anchoring calculations and structural analysis, prepared by MCY Engineering, Inc, dated 01/06/10, signed and sealed by Yiping Wang, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)



06/23/10

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 10-0125.01

Expiration Date: July 14, 2015

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E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2007, issued by MCY Engineering, Inc, dated 01/06/10, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest issued by MCY Engineering, Inc, dated 01/06/10, signed and sealed by Yiping Wang, P.E.

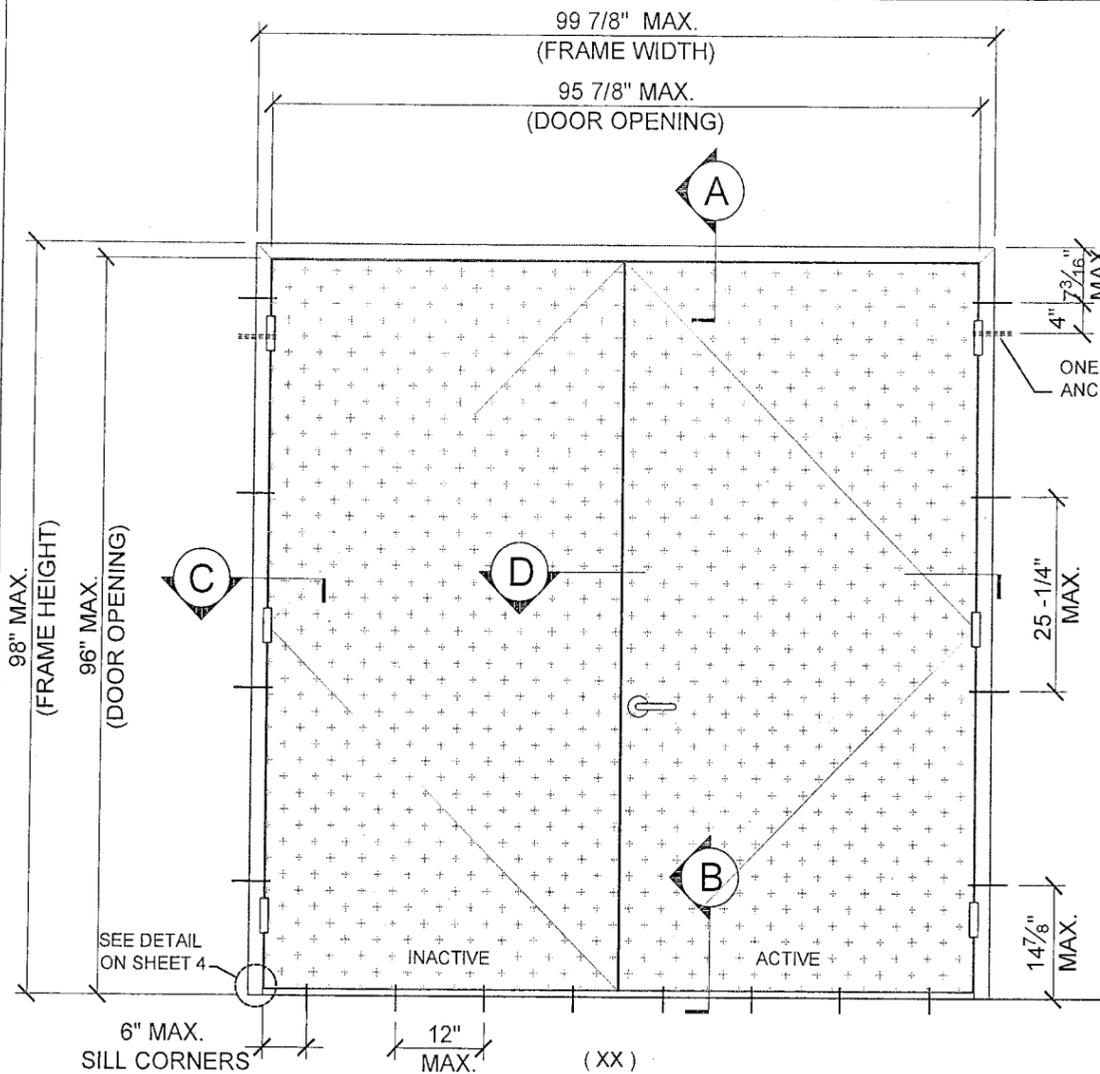
G. OTHERS

1. Test proposal No. **08-1489**, issued to Gensteel Door Inc, approved on 11/14/08.
2. Distributor Agreement dated 01/22/10.

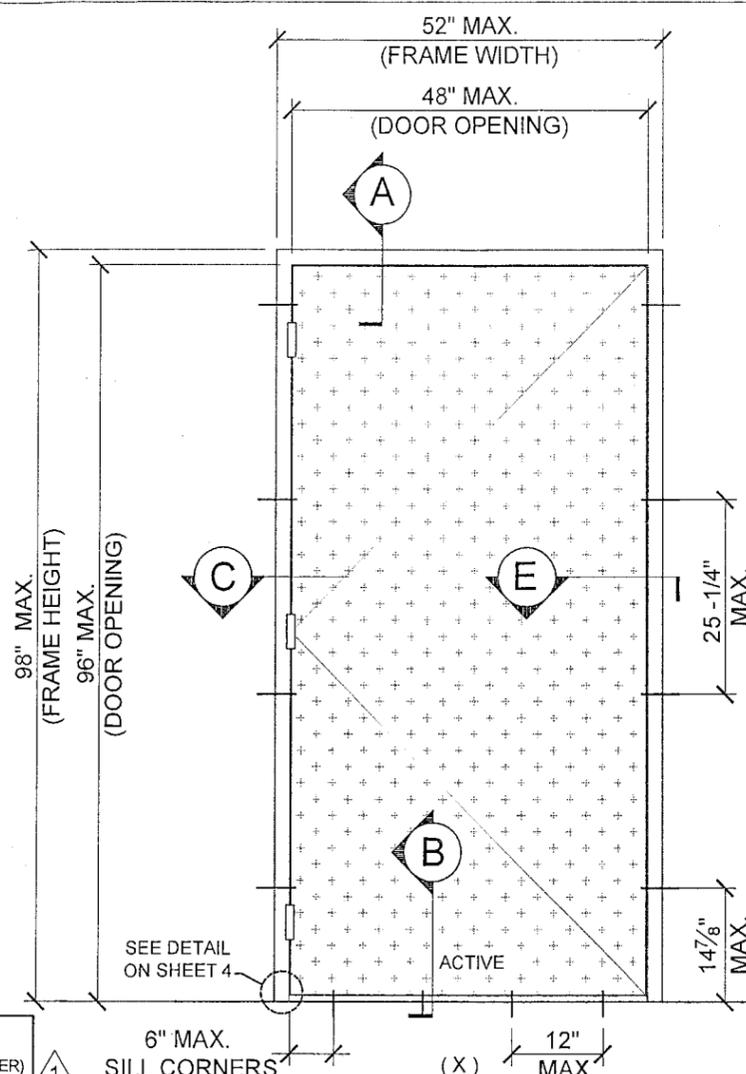


06/23/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 10-0125.01
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DOUBLE DOOR TYP. ELEVATION



SINGLE DOOR TYP. ELEVATION

WIRE ANCHOR LAYOUT

DESIGN LOAD
 (FOR SIZES SHOWN ABOVE OR SMALLER)
 AS PERMITTED BY FBC
 +65.0 PSF
 -65.0 PSF

SERIES GENSTORM OPAQUE OUTSWING STEEL DOOR (LMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

- DOORS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.

- DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS OR IS NOT REQUIRED.

- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS.

- METAL STRUCTURES NOT BY GENSTEEL DOOR CO. MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

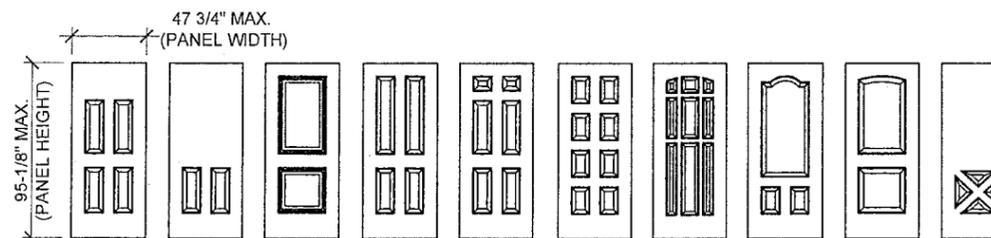
- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

- DOOR PANEL: MIN. 20 GA. STEEL Fy = 42 KSI MIN.
 DOOR FRAME: MIN. 18 GA. STEEL Fy = 42 KSI MIN

- DOOR PANEL OPTION: STAINLESS STEEL A316 MIN. 20GA. Fy=42 KSI
 DOOR FRAME OPTION: STAINLESS STEEL A316 MIN. 18GA. Fy=42 KSI

NOTES:
 EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

OPTIONAL EMBOSSED DOOR LEAF PATTERNS:



Approved as complying with the Florida Building Code
 Date 07/14/2010
 NOA# 10-0125-01
 Miami Dade Product Control
 Division By [Signature]

MIAMI DADE COUNTY

YIPING WANG, P.E.
 FLORIDA REGISTRATION
 PE #55983
 C.A.N. 28677

[Signature]

JUN 02 2010

NO.	DATE	DESCRIPTION
1	05/24/10	AS PER BCCO COMMENTS

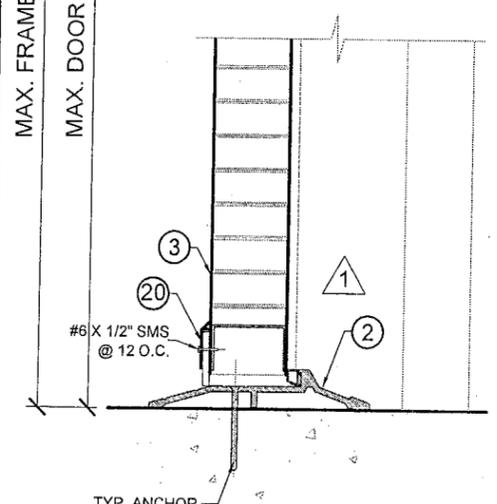
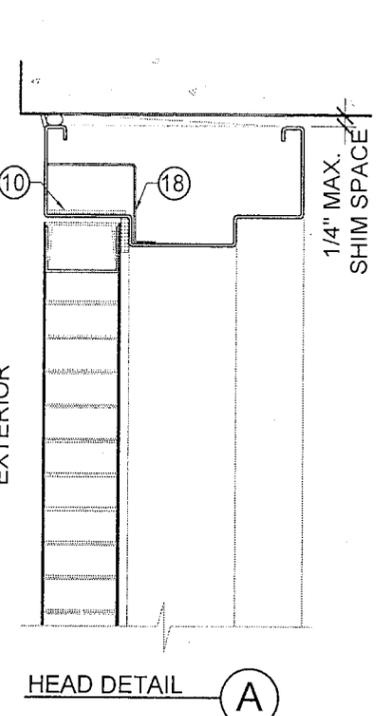
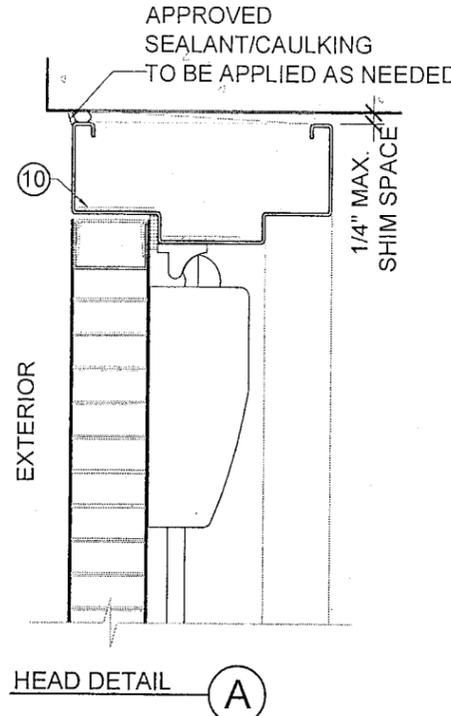
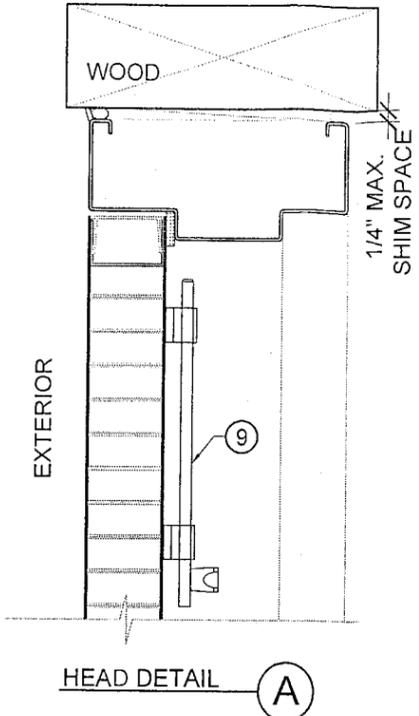
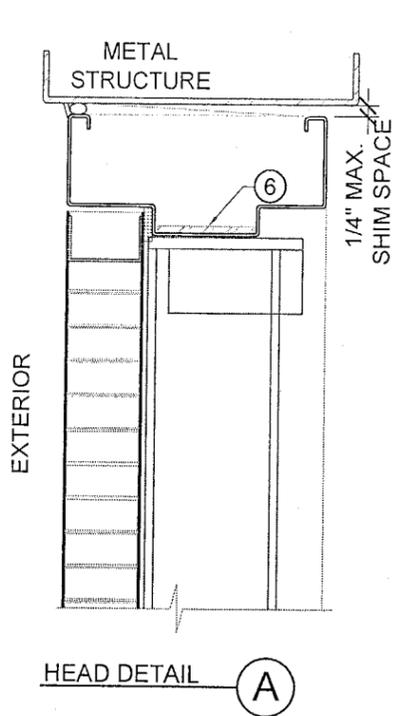
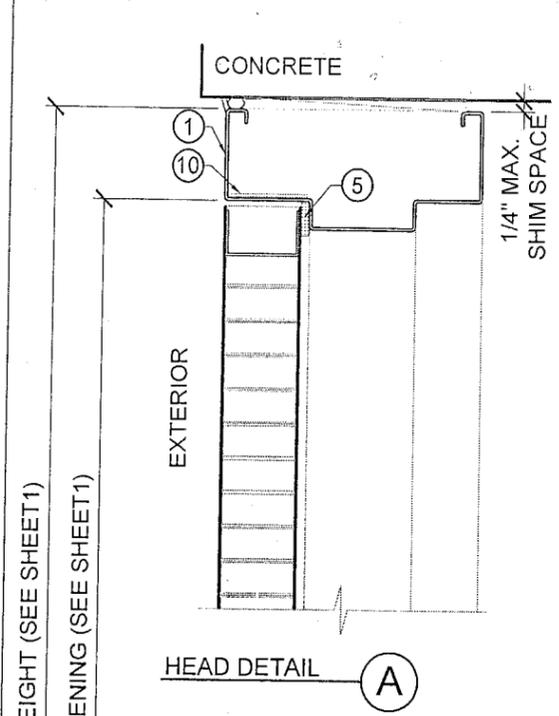
MCY ENGINEERING, INC.
 GLAZING CONSULTANTS
 9110 SW SUNSET DRIVE.
 MIAMI, FL 33173
 P: 305.271.0117
 F: 786.573.5063
 www.MCYEngineering.com
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Gensteel Doors
 GENSTORM OPAQUE OUTSWING STEEL DOOR (LMI)
 4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
 Tel: 514.733.1932
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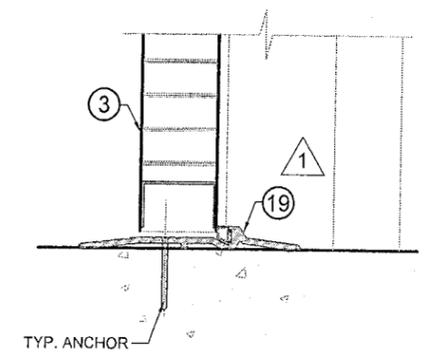
DATE	10-22-2009
SCALE	NTS.
DRAWN	M.C.
PROJECT	09-015

DRAWING NO.
 AD-09-001

SHEET 1 OF 8



TYPICAL THRESHOLD B
APPR'D FOR WATER RESISTANCE



TYPICAL THRESHOLD B1
NOT APPR'D FOR WATER RESISTANCE

- TYPICAL ANCHORS @ JAMB:**
- TYPE A.** 5/16" DIA. ULTRACONS BY 'ELCO' Fy=155 KSI Fu = 177 KSI
DIRECTLY INTO 2BY WOOD BUCK
DIRECTLY INTO fc'=3000 PSI CONCRETE
1-1/2" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE
 - TYPE B.** 3/8" DIA. HLC SLEEVE ANCHOR BY 'HILTI'
DIRECTLY INTO fc'=3000 PSI CONCRETE, 3" MIN. EDGE DIST.
DIRECTLY INTO fc'=2000 PSI CONCRETE BLOCK, 3-1/2" MIN. EDGE DIST.
1-1/4" MIN. EMBED
 - TYPE C.** 3/8" DIA. SLEEVE ANCHOR BY 'WEJ-IT'
DIRECTLY INTO fc'=4000 PSI CONCRETE, 2-3/8" MIN. EMBED
DIRECTLY INTO fc'=2000 PSI CONCRETE BLOCK, 1-1/4" MIN. EMBED
3-1/2" MIN. EDGE DISTANCE
 - TYPE D.** 3/8" DIA. POWER BOLT BY 'POWERS'
DIRECTLY INTO fc'=3000 PSI CONCRETE
2-1/2" MIN. EMBED
3" MIN. EDGE DISTANCE
 - TYPE E.** 5/16" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS) OR STST
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
STEEL : Fy = 36 KSI MIN.
ALUMINUM : 6063-T6 MIN.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
 - TYPE G.** WIRE ANCHOR (Fy = 60 ksi.)
0.173 DIA. STEEL WIRE ANCHORS EMBED INTO CONCRETE BLOCK

- TYPICAL ANCHORS @ THRESHOLD:**
- TYPE F.** 1/4" OR 5/16" DIA. ULTRACONS BY 'ELCO' Fy = 155 KSI Fu = 177 KSI
DIRECTLY INTO fc'=3000 PSI MIN. CONCRETE
1-1/2" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE
 - 1/4" TAPCON BY ITW Fy = 90 KSI Fu = 120 KSI
DIRECTLY INTO fc'=3000 PSI MIN. CONCRETE
1-1/2" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE
- SEALANT:**
ALL FRAME JOINTS AND CORNERS TO BE SEALED WITH SILICONE AT PERIMETER

Approved as complying with the Florida Building Code
Date 07/14/2010
NOA# 10-0125-01
Miami Dade Product Control
Division
By *[Signature]*

YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #55983
C.A.N. 28677

[Signature]

DATE	10-22-2009
SCALE	NTS.
DRAWN	M.G.
PROJECT	09-015
DRAWING NO.	AD-09-001
SHEET	2 OF 8

GENSTORM OPAQUE OUTSWING STEEL DOOR (LMI)

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Tel: 514.733.1932
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MCY ENGINEERING, INC.
GLAZING CONSULTANTS

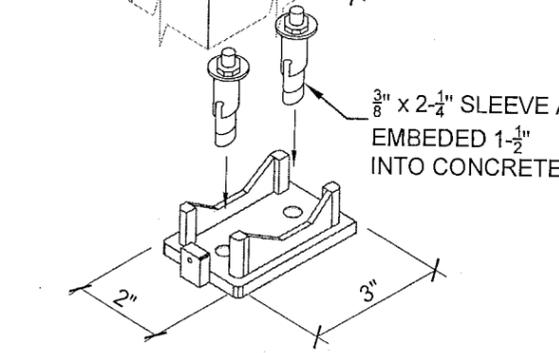
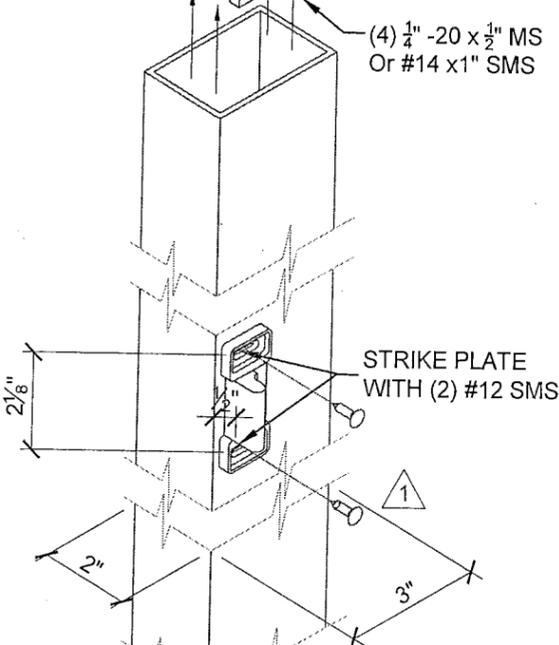
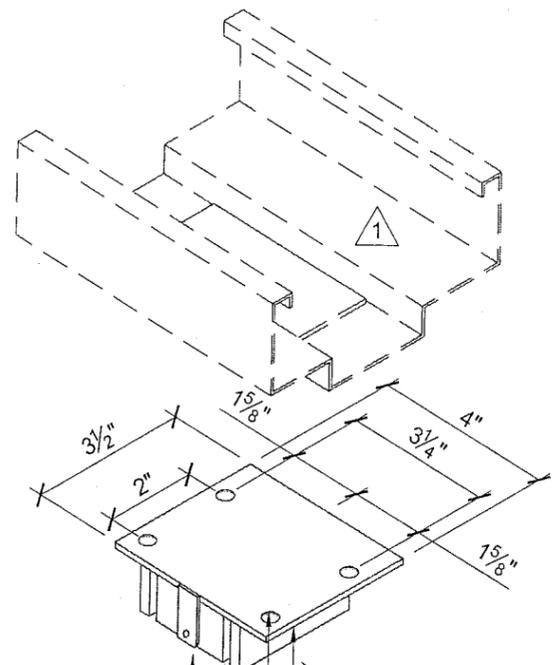
9110 SW SUNSET DRIVE. P: 305.271.0117
MIAMI, FL 33173 F: 786.573.5063

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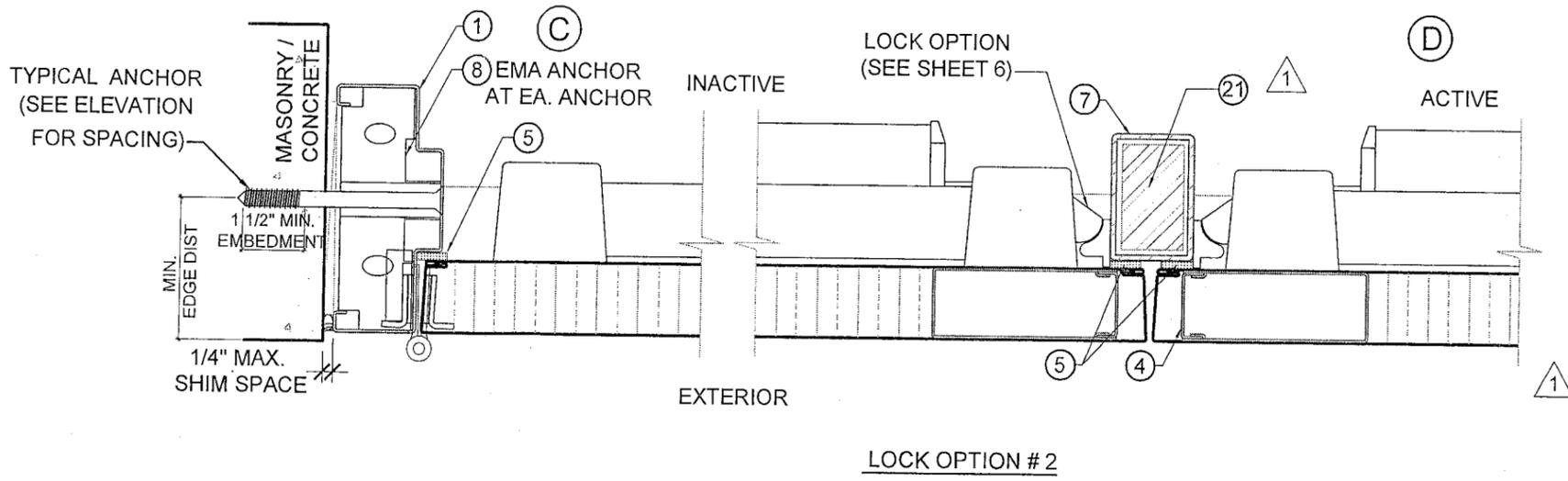
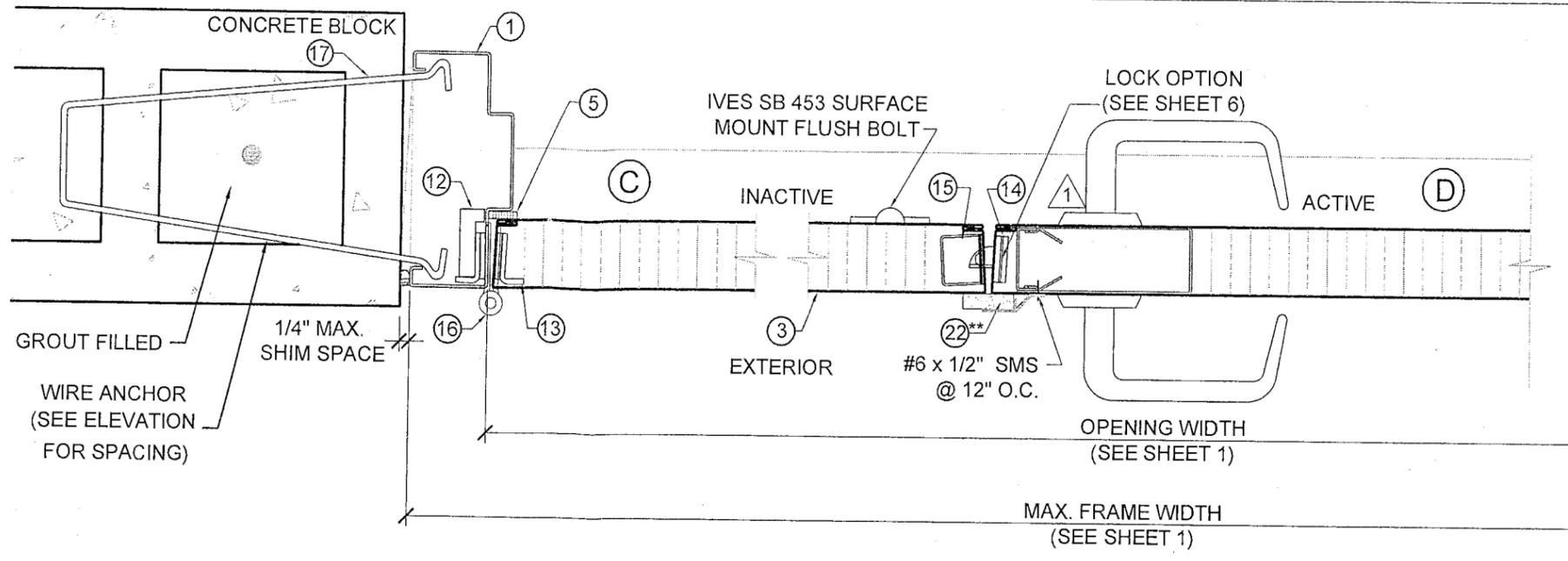
NO.	DATE	DESCRIPTION
1	05/24/10	AS PER BCCO COMMENTS

MAX. FRAME HEIGHT (SEE SHEET 1)
MAX. DOOR OPENING (SEE SHEET 1)

MIAMI DADE COUNTY JUN 02 2010



HC822
REMOVABLE MULLION



** ITEM 22 APPLY WHEN WATER INFILTRATION IS REQUIRED TYP.

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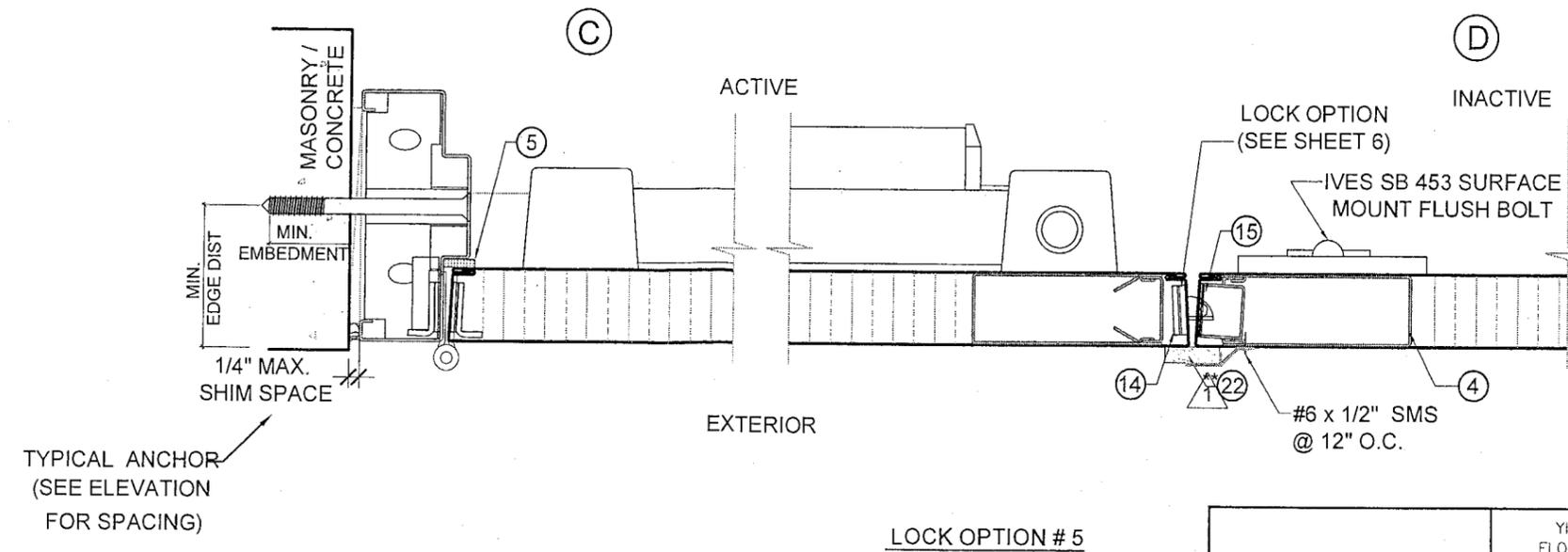
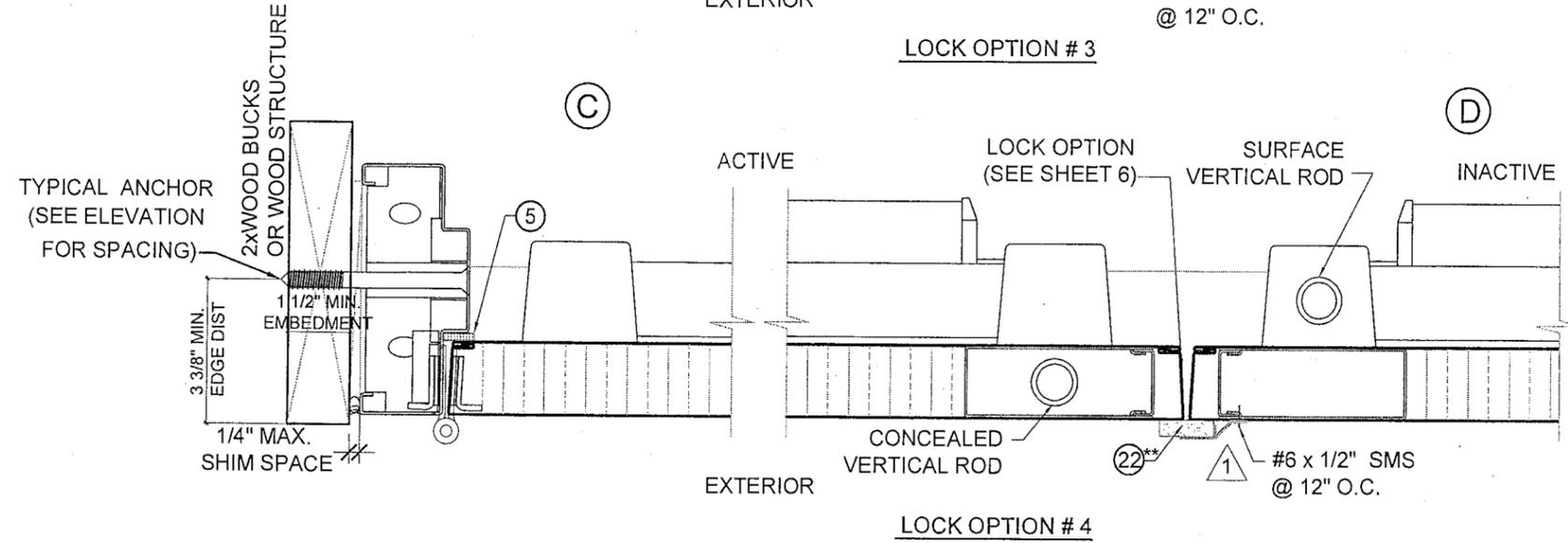
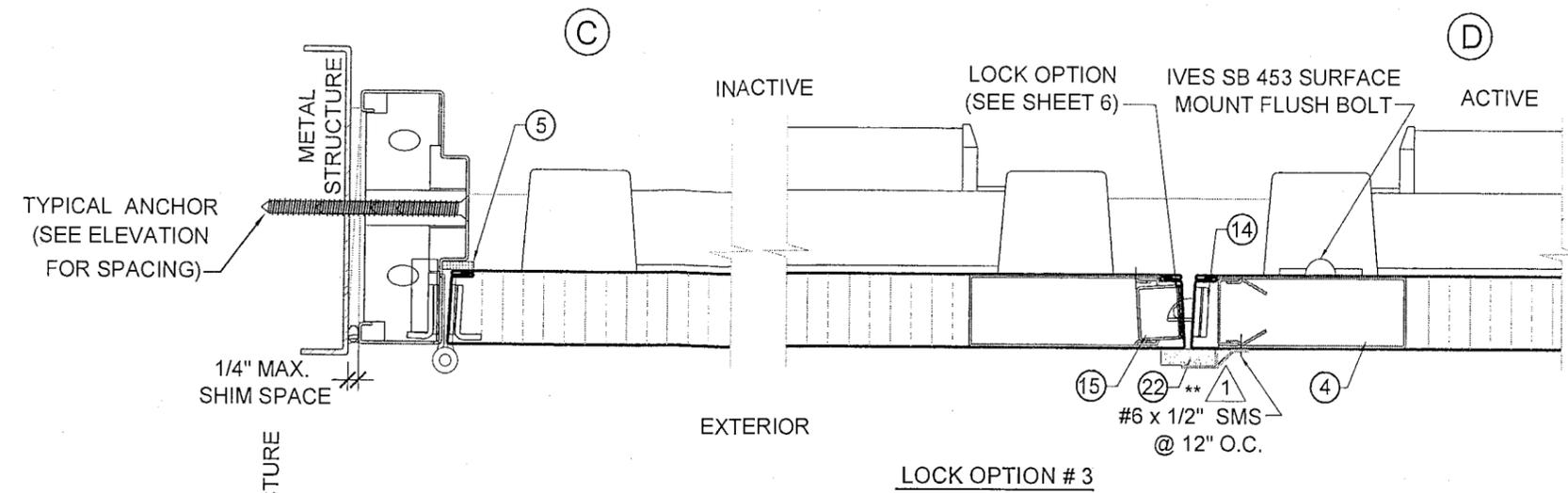
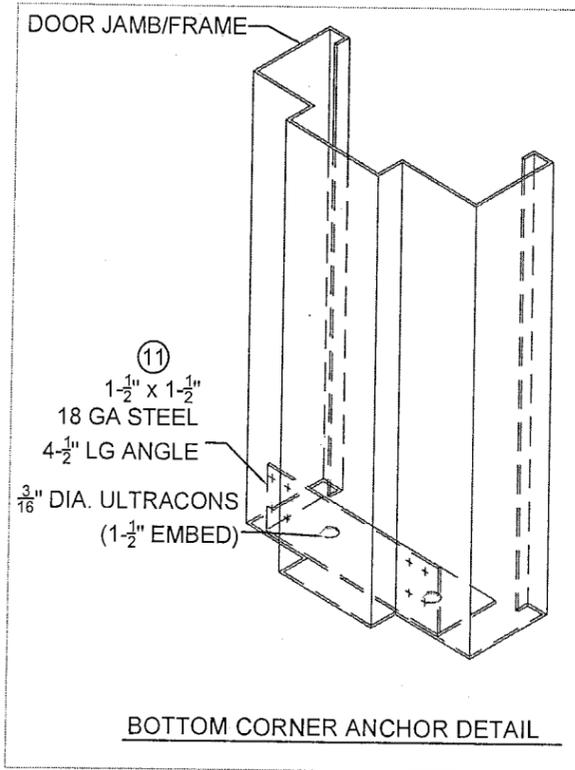
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Florida Building Code
Date 07/14/2010
NOA# 10-0125-D1
Miami Dade Product Control
Division
By *[Signature]*

YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #55983
C.A.N. 28677

[Signature]

JUN 02 2010

DATE	10-22-2009
SCALE	NTS.
DRAWN	M.G.
PROJECT	09-015
DRAWING NO.	AD-09-001
SHEET	3 OF 8



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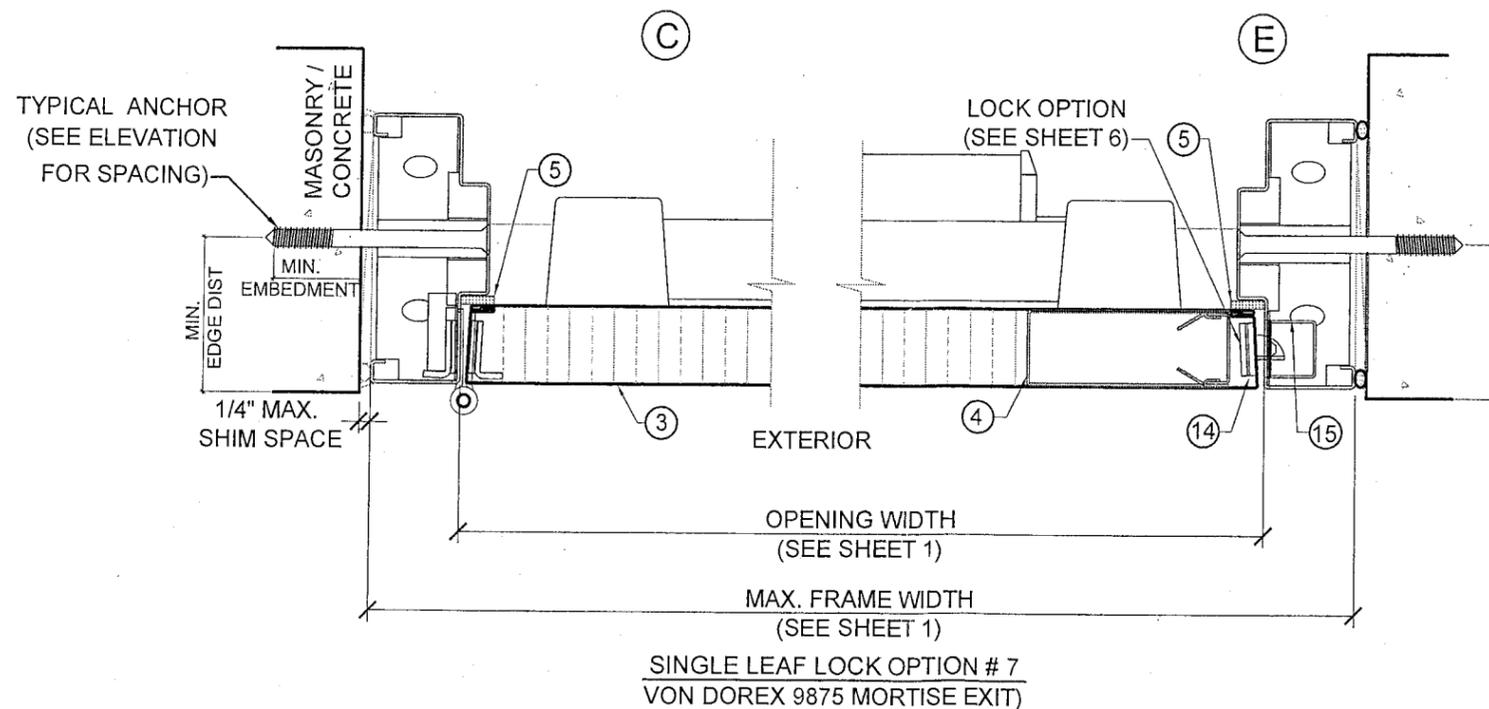
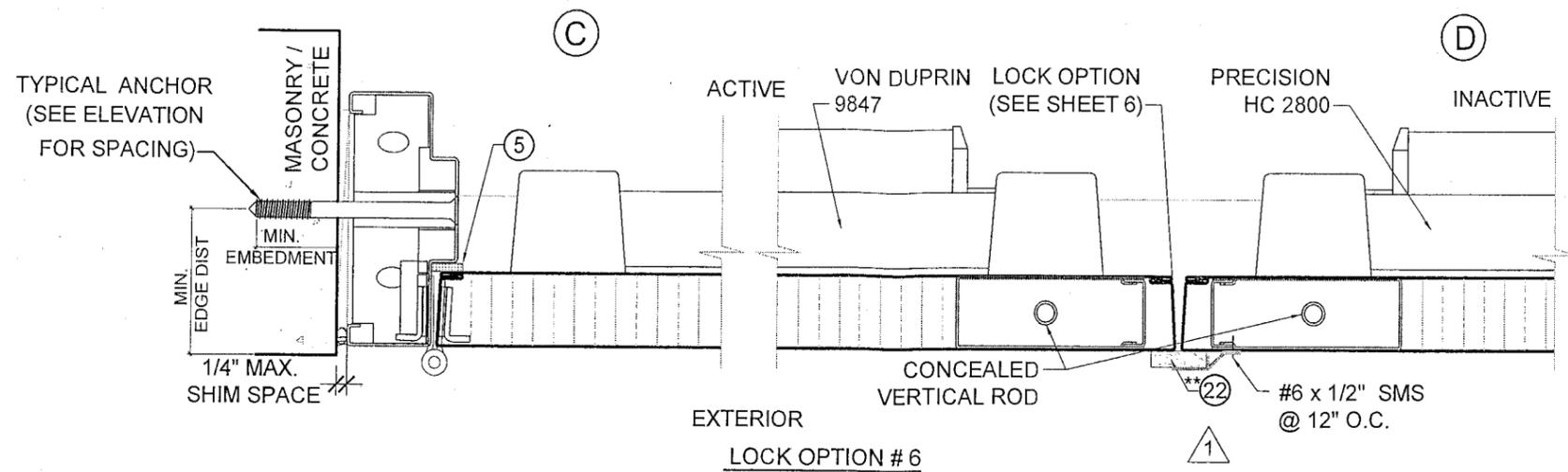
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MIAMI DADE COUNTY

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SHEET	4 OF 8



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GENSTORM OPAQUE OUTSWING STEEL DOOR (LMI)

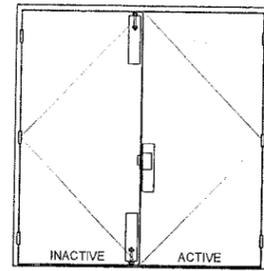
gensteeldoors
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DATE	10-22-2009
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SHEET	5 OF 8

LOCK OPTIONS

LOCK OPTIONS FOR DOUBLE DOORS
CAN APPLY TO SINGLE DOORS

HINGES: STEEL MORTISE HINGES 3 PER LEAF.
LOCATED AT 9-5/8" MAX. FROM TOP OF DOOR TO
CENTER LINE OF HINGE. AND TO BE SPACED OUT
37-15/16" MAX. FROM CL TO CL OF HINGE. TO BE
FASTENED BY #12-24 x 1/2" FLATHEAD MACHINE
SCREWS.

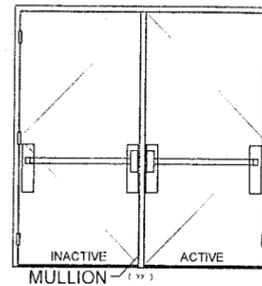


OPTION 1

ACTIVE LEAF:
"SARGENT" 8200 SURFACE MOUNT MORTISE LOCK WITH
HANDLE. WITH SURFACE MOUNT METALLIC DEAD-BOLT.
LOCATED 38" FROM BOTTOM WITH (2) 8-32 x 1/4" FH MS

INACTIVE LEAF:
6-3/4" LONG 18 GA STRIKE BOX TO BE FASTENED BY (2)#12-24
SCREWS
"IVES" SB453 SURFACE MOUNT MANUALLY OPERATED FLUSH
BOLT AT TOP AND BOTTOM. WITH (4) 1/4-20 x 1-3/8" FH MS

SURFACE MOUNT METALLIC STRIKE PLATE AT FRAME HEAD
TO BE FASTENED WITH (2) #10 x 1-1/4" FH SMS



OPTION 2 (RIM EXIT W. MULLION)

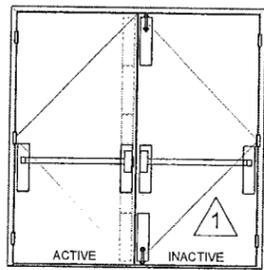
ACTIVE LEAF:
"PRECISION" HC2100 RIM EXIT MECHANISM. SURFACE MOUNT
TWO POINT LOCK SYSTEM WITH ACTIVATING PANIC DEVICE
LOCATED 41-3/4" FROM BOTTOM WITH BY (4) 10-20 x 1-1/4" OH
MS

INACTIVE LEAF:
"PRECISION" HC2100 RIM EXIT MECHANISM. SURFACE MOUNT
TWO POINT LOCK SYSTEM WITH PANIC DEVICE LOCATED
41-3/4" FROM BOTTOM WITH BY (4) 1/4-20 x 1" FH MS

MULLION:
HC822 PRECISION HARDWARE REMOVABLE WITH (4) 1/4" 20 x 1/2"
MS OR #14 x 1" SMS AT TOP. 3/8" x 2-1/4" SLEEVE ANCHOR
EMBEDDED 1-1/2" INTO CONCRETE AT BOTTOM.



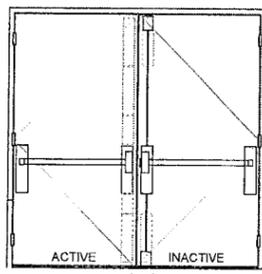
DOOR EDGE CONSTRUCTION



OPTION 3

ACTIVE LEAF:
"PRECISION" HC2300 MORTISE EXIT. SURFACE MOUNT
MANUALLY OPERATED FLUSH BOLT AT TOP AND BOTTOM.
WITH (4) 10 x 1-1/4" FH SMS

INACTIVE LEAF:
"PRECISION" HC2800 CONCEALED VERTICAL ROD. SURFACE
MOUNT TWO POINT LOCK SYSTEM WITH PANIC DEVICE
LOCATED 40" FROM BOTTOM WITH (4) 10-24 x 1-1/4" OH MS

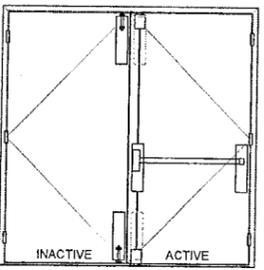


OPTION 4

ACTIVE LEAF:
"PRECISION" HC2800 CONCEALED VERTICAL ROD. SURFACE
MOUNT TWO POINT LOCK SYSTEM WITH PANIC DEVICE WITH
(4) 10-24 x 1-1/4". LOCATED 39-1/2" FROM BOTTOM

INACTIVE LEAF:
"PRECISION" HC2200 SURFACE VERTICAL ROD. SURFACE
MOUNT TWO POINT LOCK SYSTEM WITH PANIC DEVICE WITH
(4) 10-24 x 1-1/4" OH MS. LOCATED 39-1/2" FROM BOTTOM

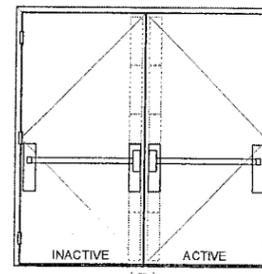
(2)-SURFACE MOUNT METALLIC STRIKE PLATE AT HEAD TO
BE FASTENED WITH (2) 1/4-20 FH MS



OPTION 5

ACTIVE LEAF:
"PRECISION" HC2200 SURFACE VERTICAL ROD.
(4) 10-24 x 1-1/4" OH MS. LOCATED 39-3/4" FROM BOTTOM

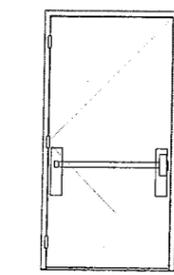
INACTIVE LEAF:
"IVES" SB453 SURFACE MOUNT MANUALLY OPERATED FLUSH
BOLT. TO BE FASTENED WITH (4) 12 x 1-1/4" FH MS



OPTION 6

ACTIVE LEAF:
"VON DUPRIN" 9847 CONCEALED VERTICAL ROD WITH PANIC
DEVICE WITH (2) 8-32 x 3/8" FH MS. LOCATED 39-3/4" FROM
BOTTOM

INACTIVE LEAF:
"PRECISION" HC2800 CONCEALED VERTICAL ROD. SURFACE
MOUNT TWO POINT LOCK SYSTEM WITH PANIC DEVICE WITH
(4) 10-24 x 1-1/4". LOCATED 39-1/2" FROM BOTTOM



OPTION 7

SINGLE PANEL DOOR ONLY:
"VON DUPRIN" 9875 MORTISE EXIT WITH (2) 8-32 x 3/8" FH MS.
LOCATED 39-3/4" FROM BOTTOM

* THIS OPTION QUALIFIES FOR DOUBLE DOOR APPLICATION
WHEN USED WITH "IVES" SB453 SURFACE MOUNT MANUALLY
OPERATED FLUSH BOLTS AT TOP AND BOTTOM

NO	DATE	DESCRIPTION
1	02/24/10	AS PER BCCO COMMENTS

MCY ENGINEERING, INC.
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GENSTORM OPAQUE OUTSWING STEEL DOOR (LMI)

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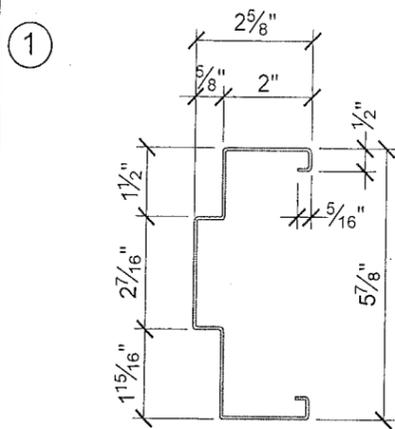
Approved as complying with the
Florida Building Code
Date 07/14/2010
NOA# 10-0125-01
Miami Dade Product Control
Division
By *[Signature]*

YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #55983
C.A.N. 28677

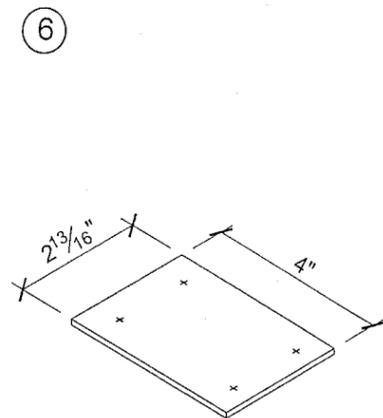
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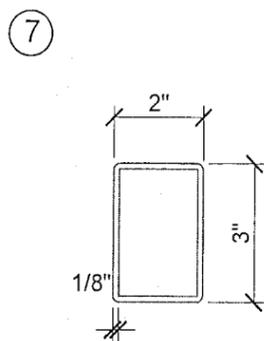
DATE	10-22-2009
SCALE	NTS.
DRAWN	M.G.
PROJECT	09-015
DRAWING NO.	AD-09-001
SHEET	6 OF 8



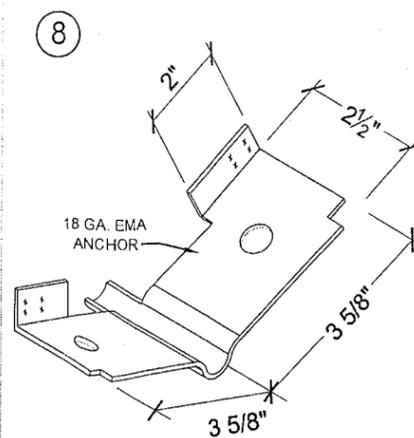
DOOR FRAME JAMB AND HEAD



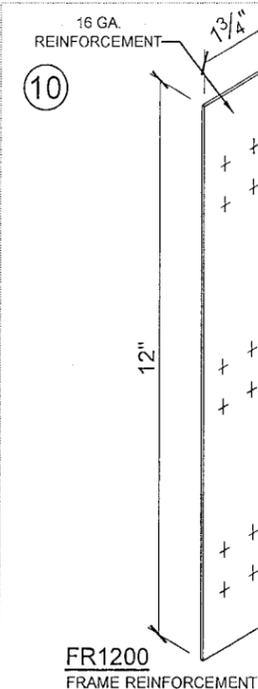
12 GA REINFORCEMENT PLATE



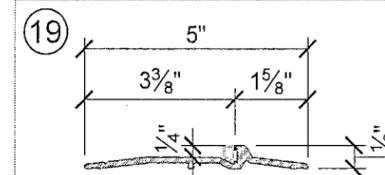
PRECISION HC822 MULLION



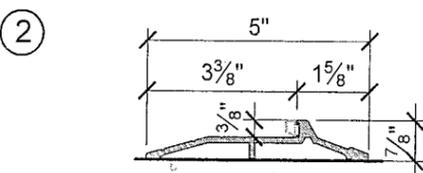
FA3010
EXISTING MASONRY ANCHOR



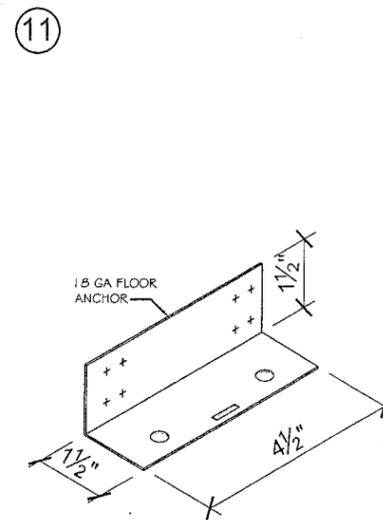
FR1200
FRAME REINFORCEMENT



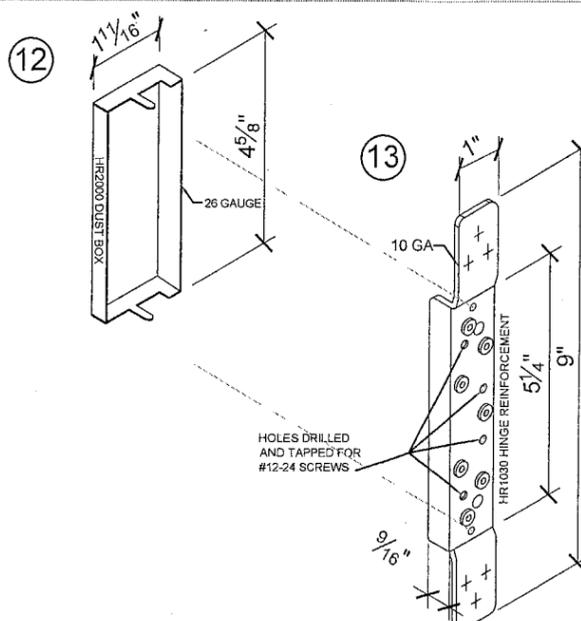
OPTIONAL THRESHOLD
PEMCO 2005AT



THRESHOLD

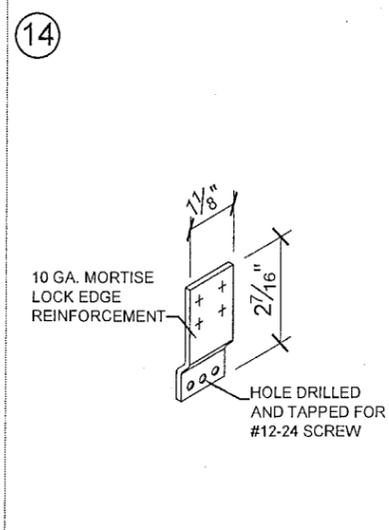


FA1040
FLOOR ANCHOR

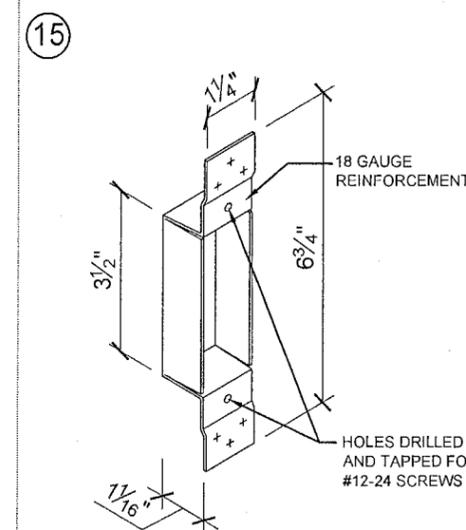


HR2000
DUST BOX

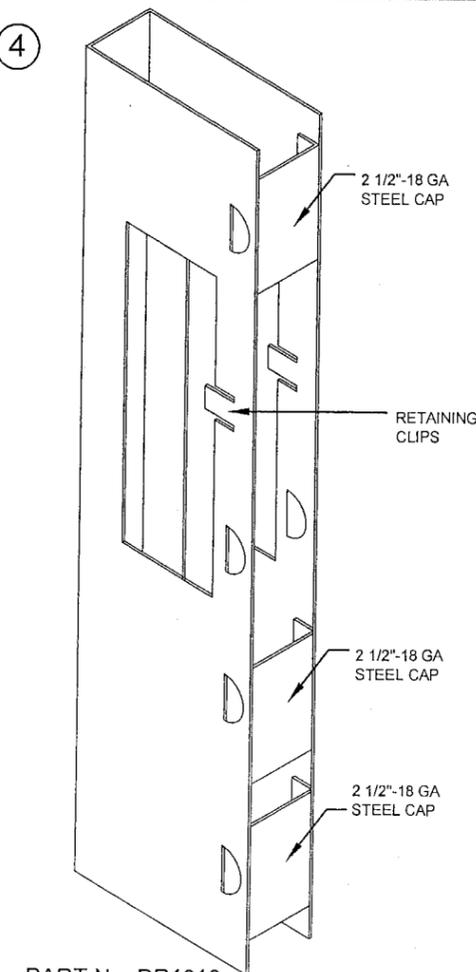
HR1030
HINGE REINFORCEMENT



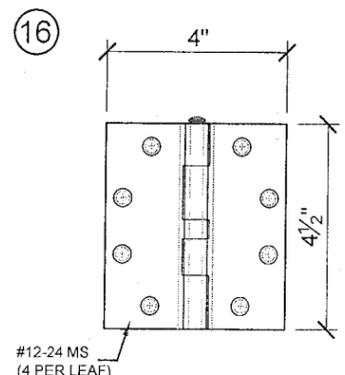
DR1700
MORTISE LOCK EDGE REINFORCEMENT



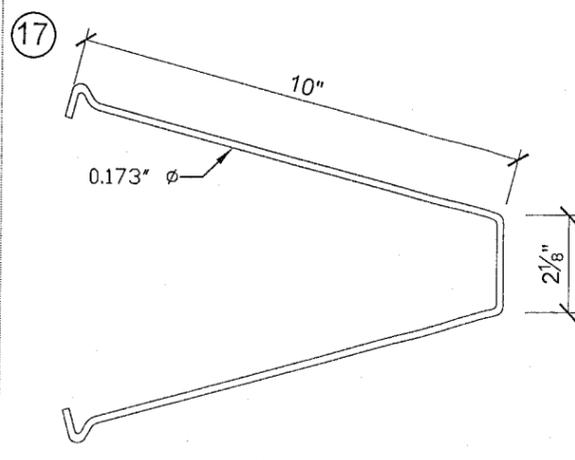
FR1100
ASA STRIKE BOX REINFORCEMENT



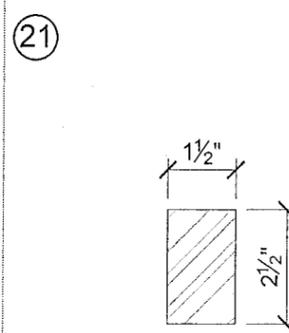
PART No. DR1010
MORTISE BOX REINFORCEMENT



.134" THICK STEEL HINGE



FA3030
MASONRY WIRE ANCHOR



STEEL BAR INSERT

Approved as complying with the Florida Building Code
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Miami Dade Product Control Division
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JUN 02 2010

MIAMI DADE COUNTY

NO	DATE	DESCRIPTION
05/24/10	AS PER BCCO COMMENTS	

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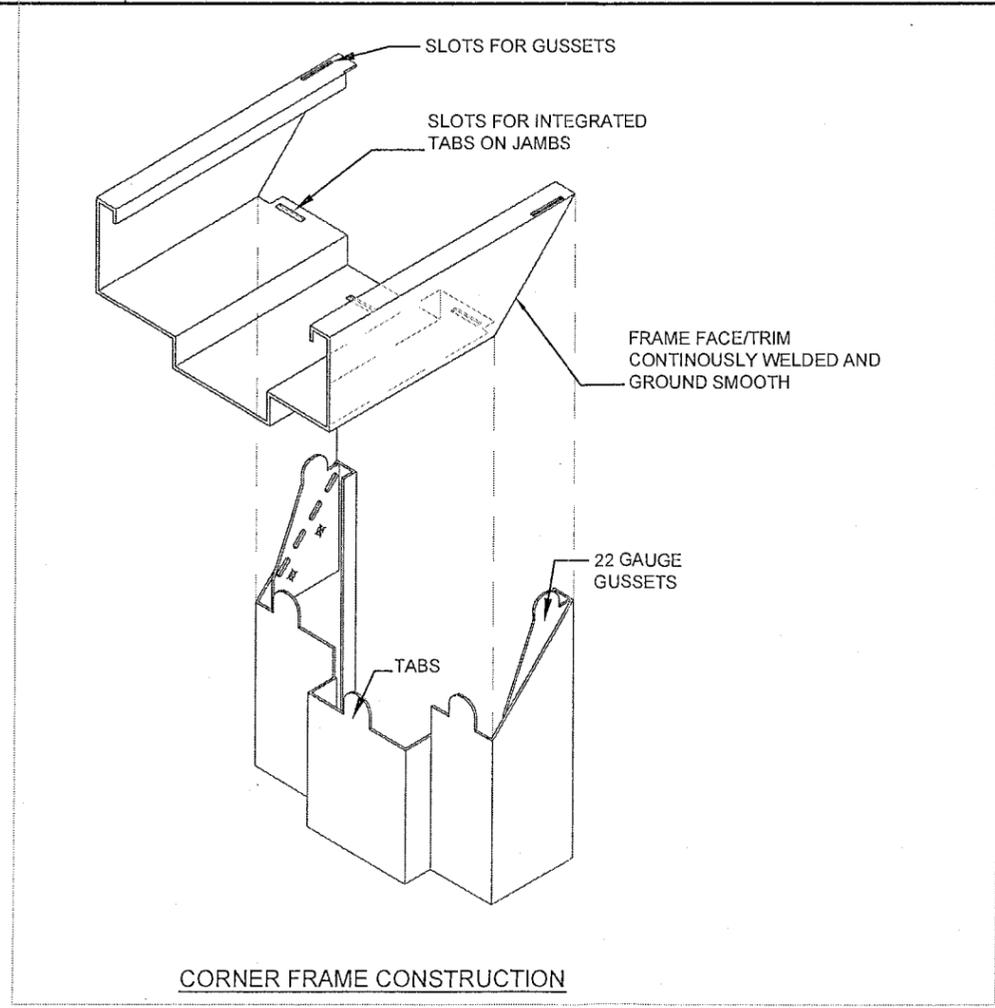
DATE	10-22-2009
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DRAWN	M.G.
PROJECT	09-015

DRAWING NO.
AD-09-001

SHEET 7 OF 8

BILL OF MATERIALS

ITEM	PART No.	MATERIAL	QTY.	DESCRIPTION	MANUFACTURER/SUPPLIER/ REMARKS
1	-	STEEL DR ST/ST	AS REQD.	FRAME HEAD/JAMB (5-7/8" x 2")	18 GA. (0.048MIN.) Fy= 42KSI MIN.
2	PMK177-T	ALUM.	1	THRESHOLD WITH THERMO SEAL INSERT	PEMKD 177AT
3	-	STEEL DR ST/ST	AS REQD.	DOOR PANEL	20 GA. (0.036MIN.) Fy= 42 KSI MIN.
4	DR1010	STEEL	AS REQD.	MORTISE BOX REINFORCEMENT	GENSTEEL
5	P 387	-	AS REQD.	PEMKD 387 CLOSED CELL SPONGE WEATHERSTRIP	PEMKD
6	-	STEEL	AS REQD.	2-3/16" x 4" 12 GA. STEEL REINFORCEMENT	GENSTEEL
7	HC822	STEEL	AS REQD.	2' X 3' X 1/8" REMOVABLE MULLION	PRECISION HARDWARE HC822 Fy = 46 ksi
8	FA3010	STEEL	AS REQD.	EXISTING MASONRY ANCHOR	GENSTEEL
9	SB453	-	AS REQD.	SURFACE BOLT	IVES SB453
10	FR1200	STEEL	AS REQD.	1-3/4" x 12" 16 GA. FRAME REINFORCEMENT	GENSTEEL
11	FA1040	STEEL	2	FLOOR ANCHOR 18 GA. (1-1/2" x 1-1/2" x 4-1/2" LG)	GENSTEEL
12	HR2000	STEEL	3 PER LEAF	HINGE DUSTBOX	GENSTEEL
13	HR1030	STEEL	3 PER LEAF	HINGE REINFORCEMENT WELDED TO FRAME	GENSTEEL
14	DR1700	STEEL	AS REQD.	MORTISE LOCK EDGE REINFORCEMENT WELDED	GENSTEEL
15	FR1100	STEEL	AS REQD.	ASA STRIKE BOX	GENSTEEL
16	179-454	STEEL	3 PER LEAF	DOREX, HAGER #179-454-15 HINGE	STANLEY
17	FA3030	STEEL	AS REQD.	MASONRY WIRE ANCHOR	.173 DIA.
18	-	STEEL	AS REQD.	20GA. DUSTBOX	GENSTEEL
19	PMK2005AT	ALUM.	1	OPTIONAL THRESHOLD	PEMKD 2005AT
20	PEMKD 315_N	-	1 PER LEAF.	WEATHERSTRIP AT BOTTOM OF PANEL	PEMKD
21	-	STEEL	1 PER MULLION	1 1/2" x 2 1/2" FULL LENGTH STEEL BAR REINFORMENT	A36 PRECISION HARDWARE HC822 INSERT
22	PEMKD P375	-	AS REQD.	PEMKD 375CR ASTRAGAL WITH SPONGE NEOPRENE	PEMKD WEATHERSTRIP APPLY WHEN WATER INFILTRATION IS REQUIRED



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SHEET 8 OF 8	

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