



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**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 Outswing Steel Doors – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **AD10-01**, titled "Genstorm Outswing Steel Door System - LMT", sheet 1 through 8 of 8, dated 07/10/10, prepared by MCY Engineering, Inc, signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear one of the following permanent labels:

Gensteel Doors Inc.	Gensteel Doors Inc.	North American Doors Corp.
4950 Hickmore Street	2335 Industrial Park Drive	6 Industrial Blvd.
Ville St. Laurent, Quebec, Canada H4T1K6	Cornwall, Ontario, Canada K6H7M4	Plattsburgh, NY 12901-1911

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 **revises and renews NOA # 05-0127.11** 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 **Carlos M. Utrera, P.E.**



*[Signature]*  
 08/03/10

**NOA No 10-0322.14**  
**Expiration Date: August 04, 2015**  
**Approval Date: August 25, 2010**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **AD10-01**, titled "Genstorm Outswing Steel Door System - LMI", sheet 1 through 8 of 8, dated 07/10/10, 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

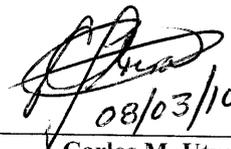
Along with marked-up drawings and installation diagram of Genstorm Opaque, Glazed and Louvered Single and Double Swinging Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **5877**, dated 10/13/09, signed and sealed by Julio E. Gonzalez, P.E.

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.

3. 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

along with marked-up drawings and installation diagram of 8080 Double Outswing Honeycomb Steel Door System, prepared by Intertek Testing Services NA LTD., Test Reports No. **ITS-3058370-DOUBLE**, dated 12/09/04, signed and sealed by Stephen J. Emerman, P. E. "*Submitted under NOA # 05-0127.11*"



08/03/10

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 10-0322.14

Expiration Date: August 04, 2015  
Approval Date: August 25, 2010

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. Anchoring calculations and structural analysis, prepared by MCY Engineering, Inc, dated 03/10/10, signed and sealed by Yiping Wang, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to FBC 2007, issued by MCY Engineering, Inc, dated 03/14/10, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest issued by MCY Engineering, Inc, dated 03/14/10, signed and sealed by Yiping Wang, P.E.

**G. OTHERS**

1. Distributor Agreement dated 01/22/10.



03/03/10

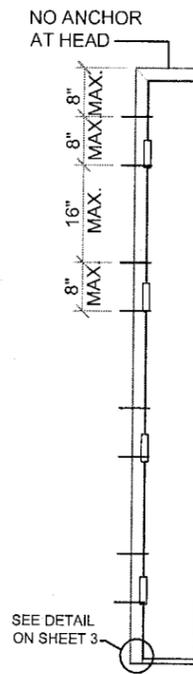
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Carlos M. Utrera, P.E.  
Product Control Examiner

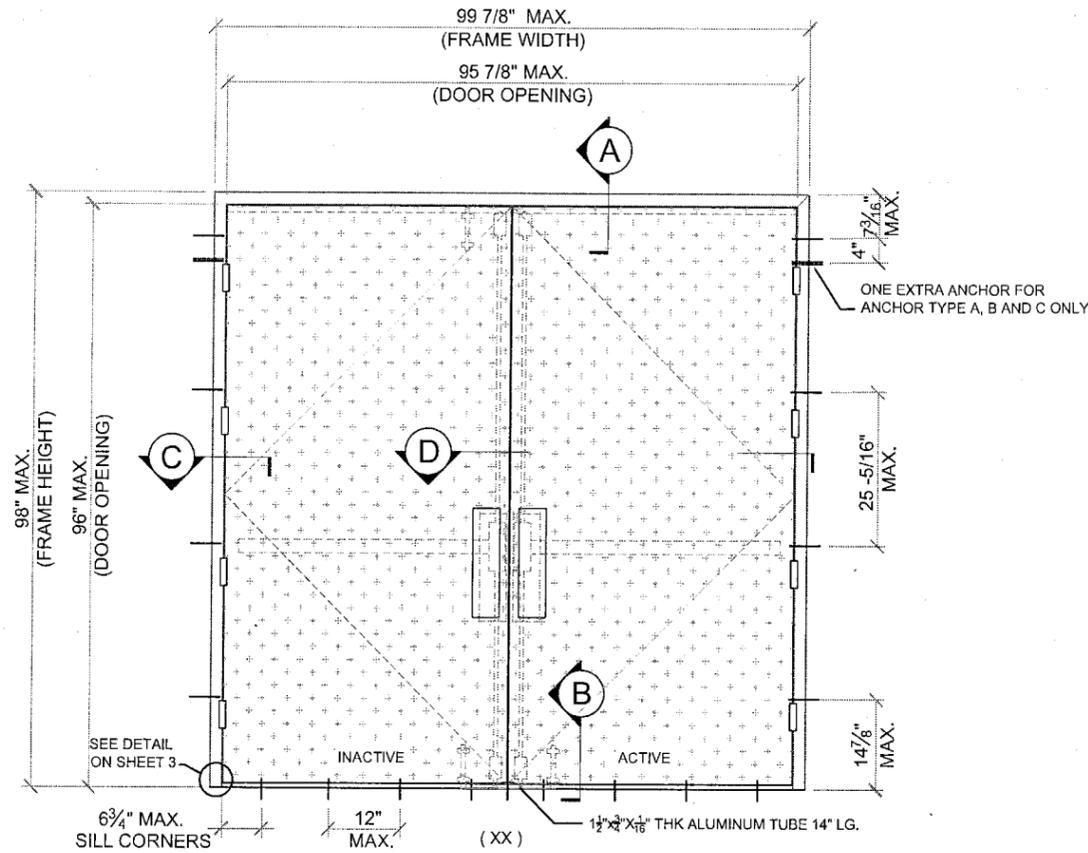
NOA No 10-0322.14

Expiration Date: August 04, 2015

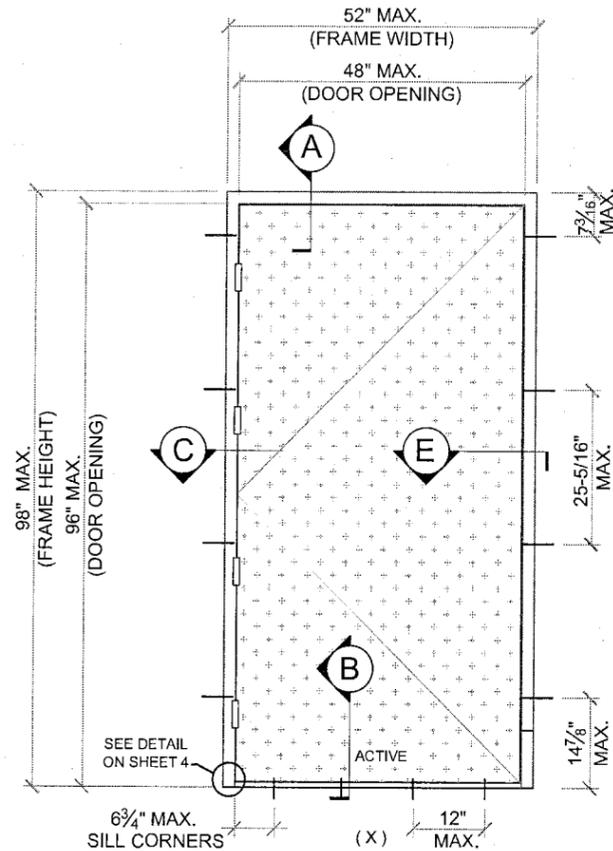
Approval Date: August 25, 2010



**ANCHOR LAYOUT**  
(FOR WIRE ANCHOR ONLY)



**DOUBLE DOOR TYP. ELEVATION**



**SINGLE DOOR TYP. ELEVATION**

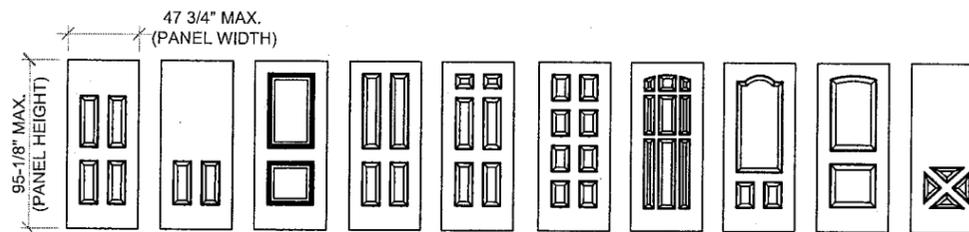
**DESIGN LOAD**  
(FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)  
+65.0 PSF  
-65.0 PSF

**SERIES GENSTORM OUTSWING STEEL DOOR SYSTEM**

- 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 Fu = 55 KSI  
DOOR FRAME: MIN. 16 GA. STEEL Fu = 48 KSI
- DOOR PANEL OPTION: STAINLESS STEEL A316  
MIN. 20GA. Fu=55 KSI
- DOOR FRAME OPTION: STAINLESS STEEL A316  
MIN. 16GA. Fu=48 KSI

**NOTES:**  
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.



**OPTIONAL EMBOSSED DOOR LEAF PATTERNS:**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 10-0322-19  
Expiration Date 09/10/2015  
By *[Signature]*  
Miami Dade Product Control Division

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

*[Signature]*

**JUL 22 2010**

MIAMI DADE COUNTY

NO.	DATE	DESCRIPTION	BY
1	7/10/10	BCCO COMMENTS	

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

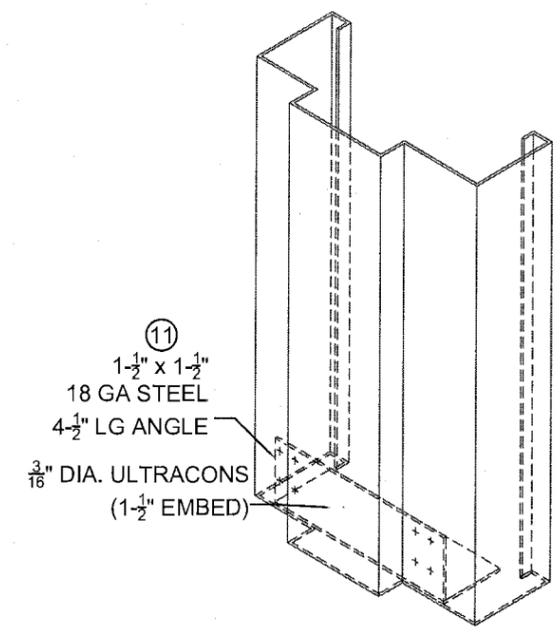
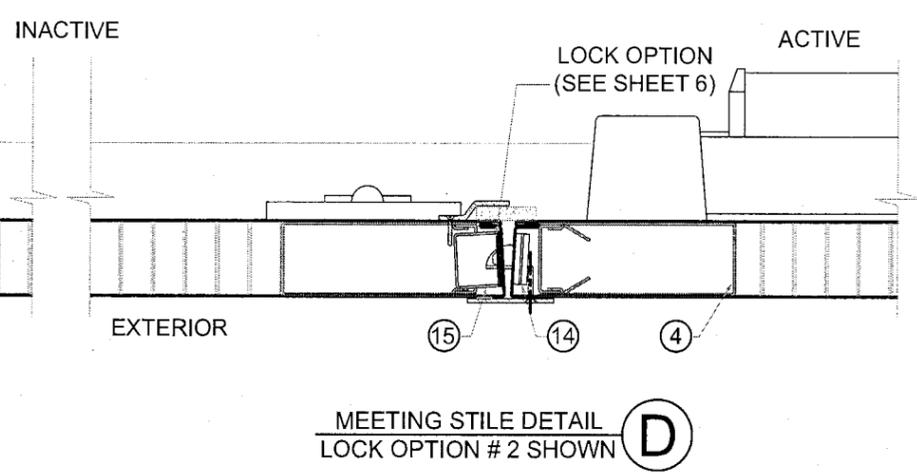
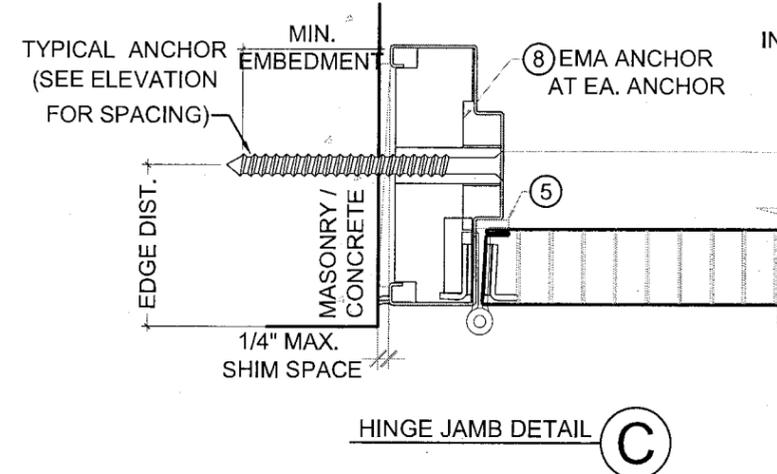
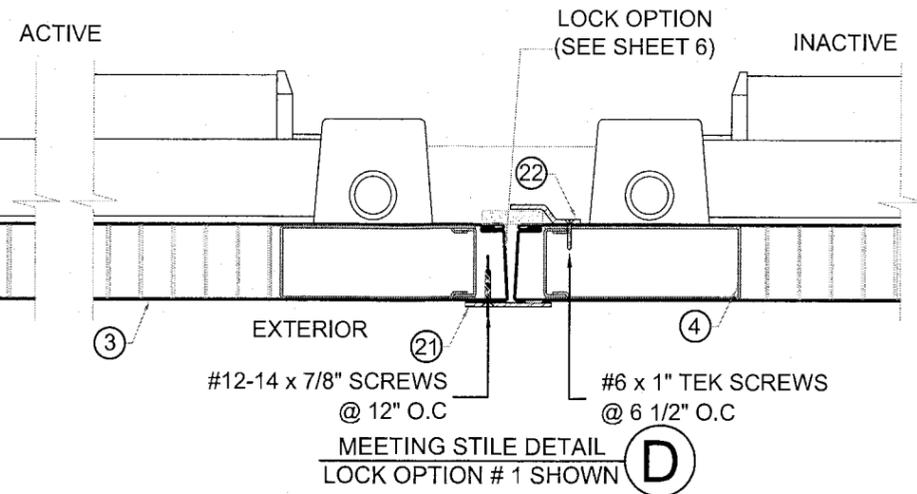
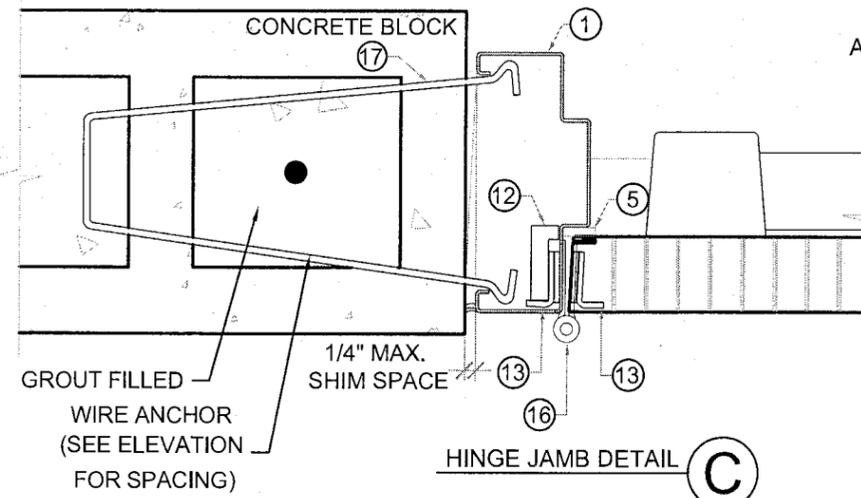
9110 SW SUNSET DRIVE. P: 305.271.0117  
MIAMI, FL 33173 F: 786.573.5063  
www.MCYEngineering.com

**GENSTEEL DOORS**  
www.gensteeldoors.com

4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	07-10-10
SCALE	NIS.
DRAWN	M.G.
PROJECT	10-01
DRAWING NO.	AD10-01
SHEET	1 OF 8





**TYPICAL ANCHORS @ JAMB:**

- TYPE A.** 5/16" DIA. ULTRACONS BY 'ELCO' F<sub>y</sub>=155 KSI F<sub>u</sub> = 177 KSI  
DIRECTLY INTO 2BY WOOD BUCK  
DIRECTLY INTO f<sub>c</sub>'=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 f<sub>c</sub>'=3000 PSI CONCRETE, 3" MIN. EDGE DIST.  
DIRECTLY INTO f<sub>c</sub>'=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 f<sub>c</sub>'=4000 PSI CONCRETE, 2-3/8" MIN. EMBED  
DIRECTLY INTO f<sub>c</sub>'=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 f<sub>c</sub>'=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 : F<sub>y</sub> = 36 KSI MIN.  
ALUMINUM : 6063-T6 MIN.  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- TYPE G.** WIRE ANCHOR (F<sub>y</sub> = 60 ksi.)  
0.173 DIA. STEEL WIRE ANCHORS EMBED INTO CONCRETE BLOCK

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 10-0322-14  
Expiration Date 03/04/2015  
By *[Signature]*  
Miami/Dade Product Control  
Division

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

*[Signature]*

JUL 22 2010

DATE	07-10-10
SCALE	NTS.
DRAWN	M.G
PROJECT	10-01
DRAWING NO. AD10-01	
SHEET 3 OF 8	

REVISIONS		
NO.	DATE	DESCRIPTION
1	7/10/10	BCCO COMMENTS

**MCY**

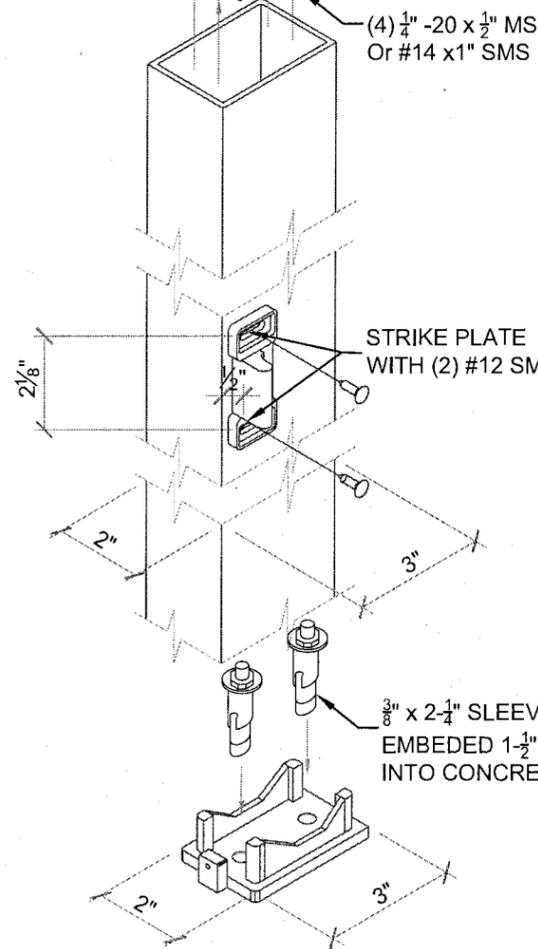
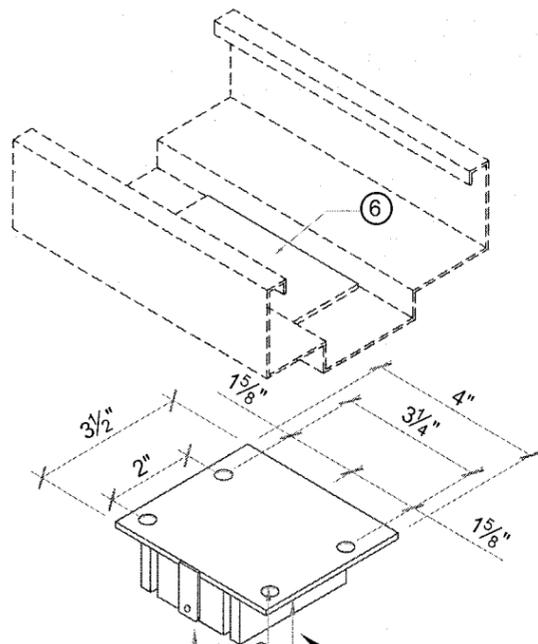
**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

9110 SW SUNSET DRIVE. P: 305.271.0117  
MIAMI, FL. 33173 F: 786.573.5063  
www.MCYEngineering.com MCY.Engineering@Att.net

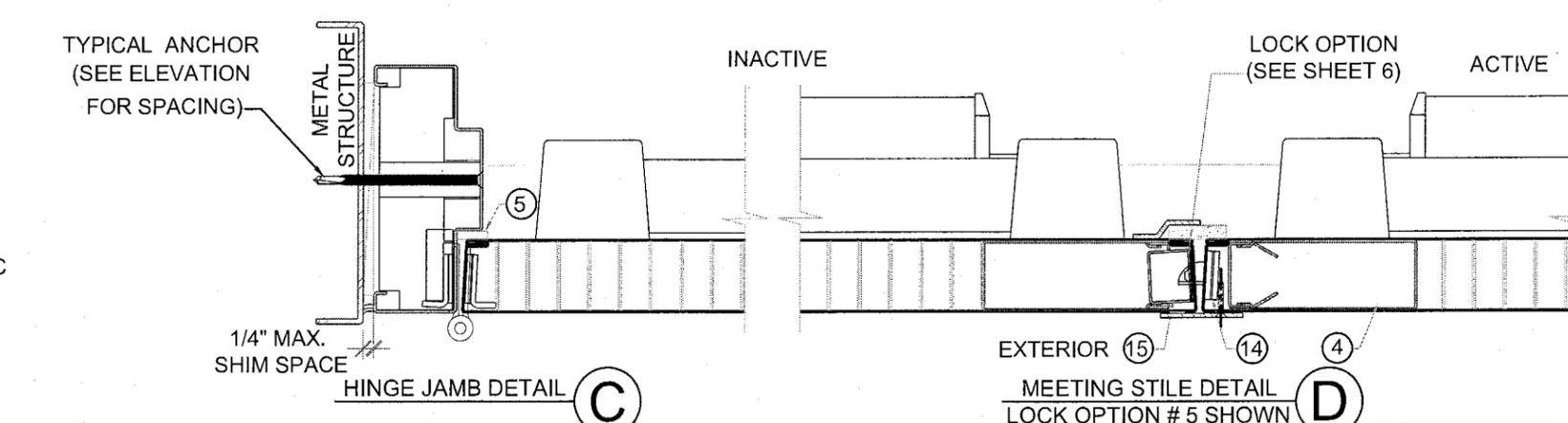
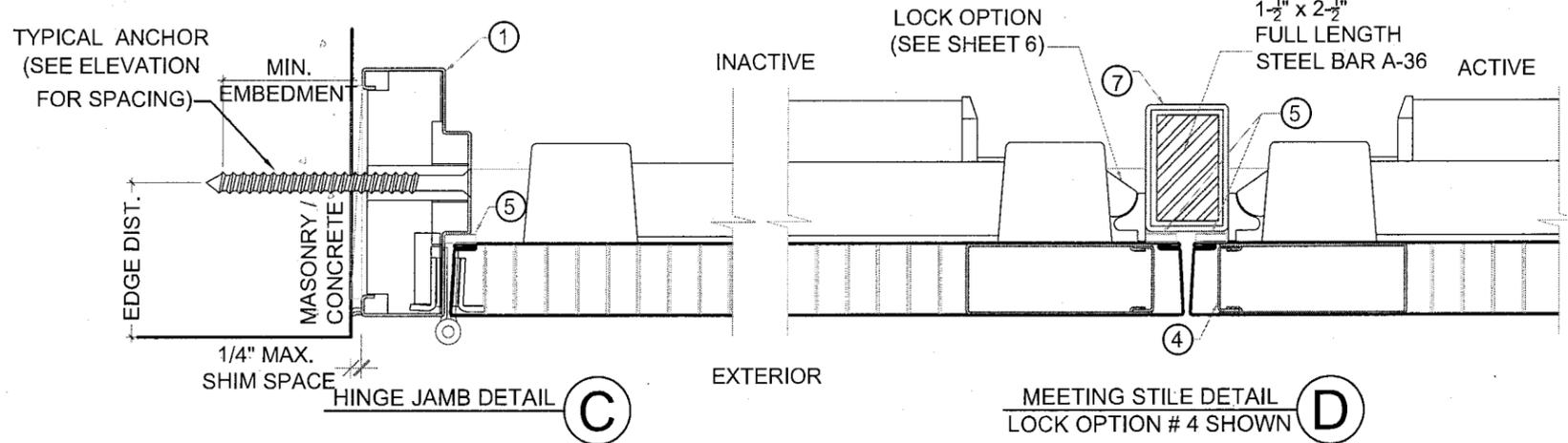
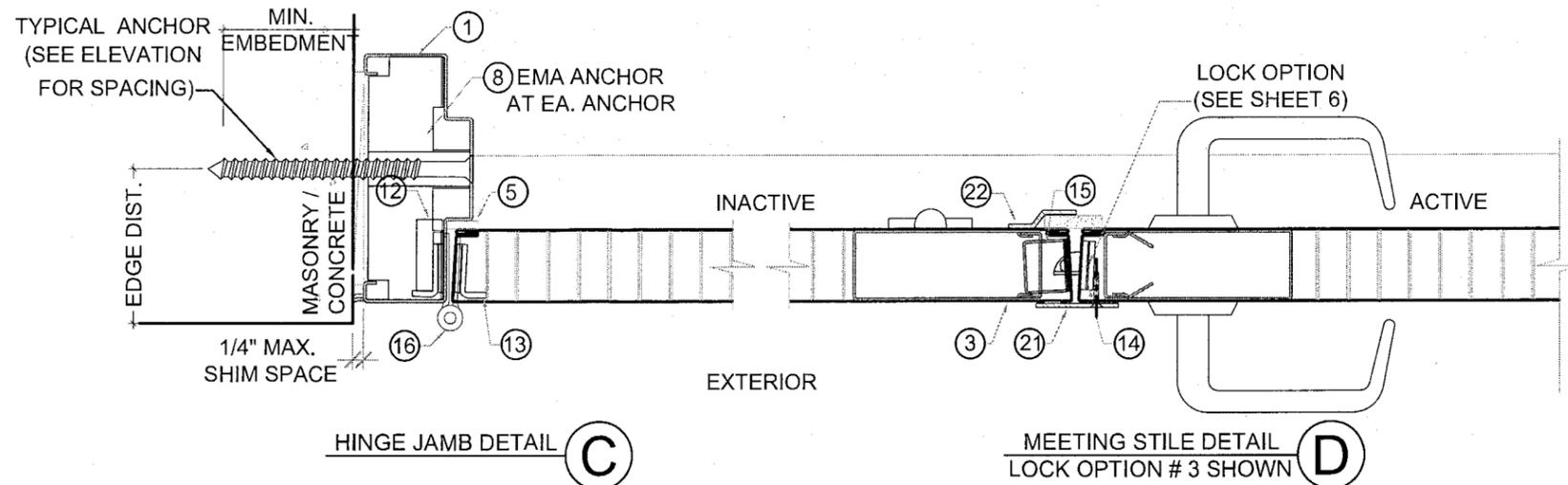
GENSTORM OUTSWING STEEL DOOR SYSTEM - LMI

**gensteeldoors**  
www.gensteeldoors.com

4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
Tel: (514) 733-3562 Fax: (514) 733-1932



HC822  
REMOVABLE MULLION



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 10-032214  
Expiration Date 09/09/2015  
By *[Signature]*  
Miami Dade Product Control  
Division  
MIAMI DADE COUNTY

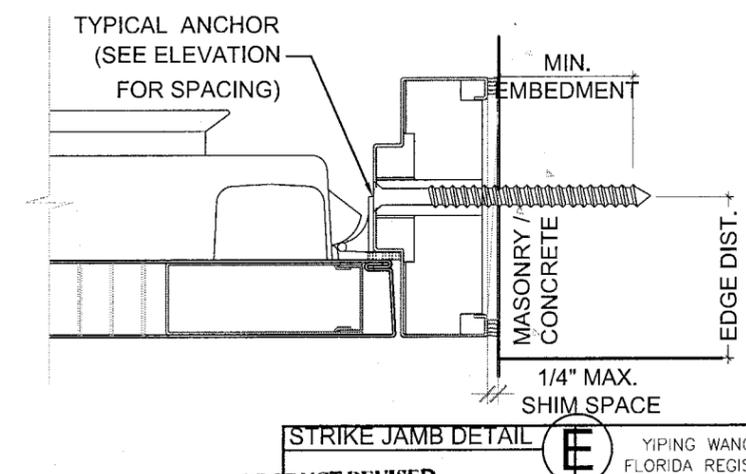
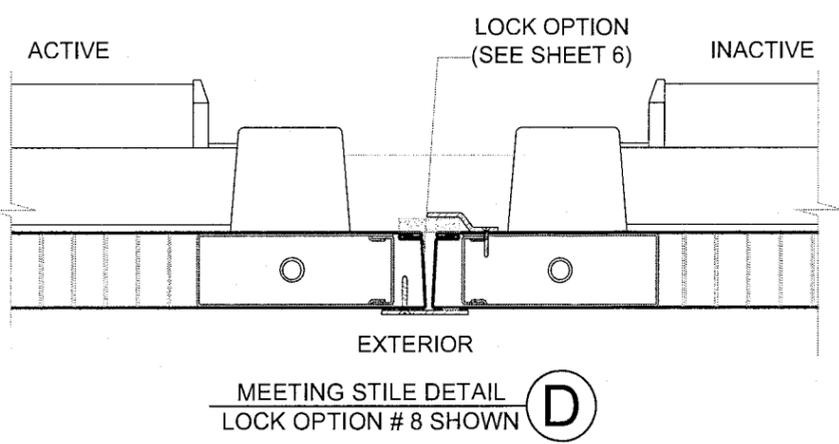
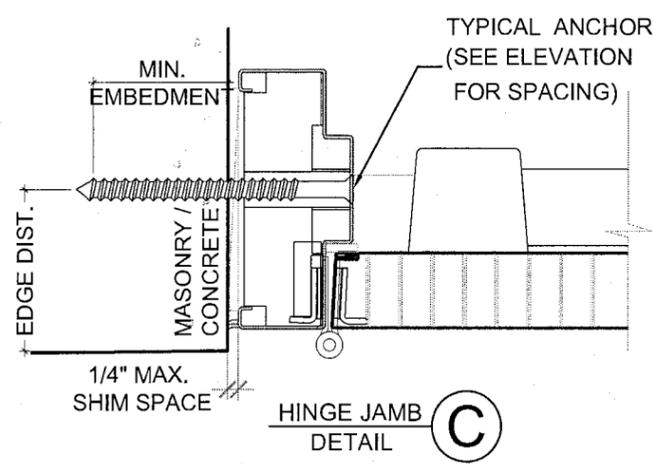
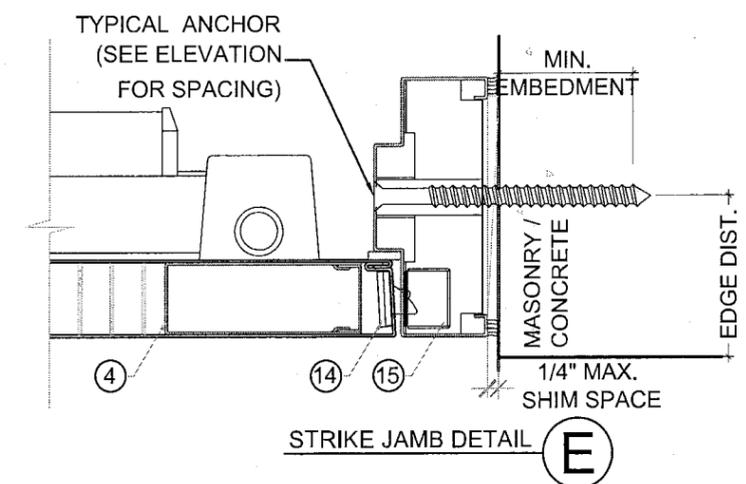
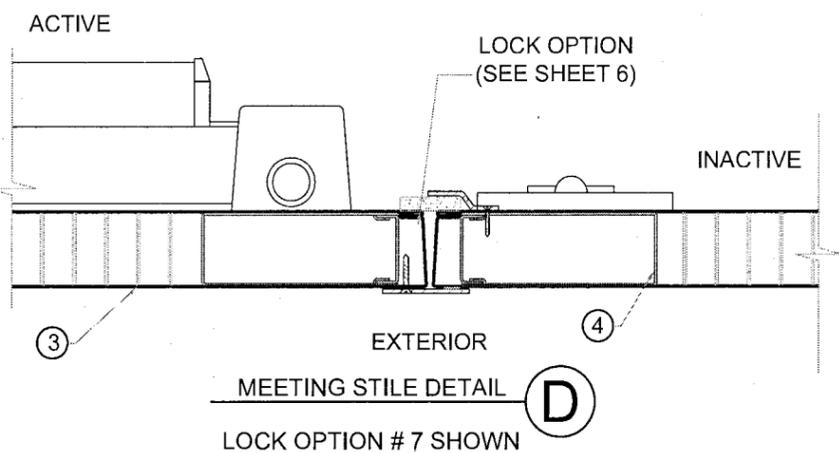
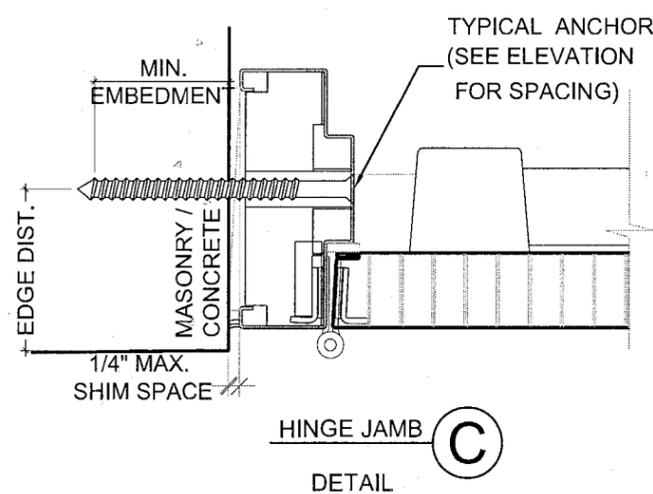
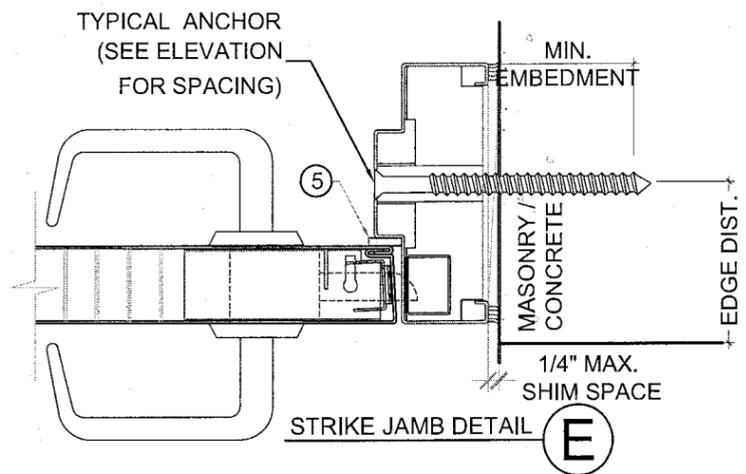
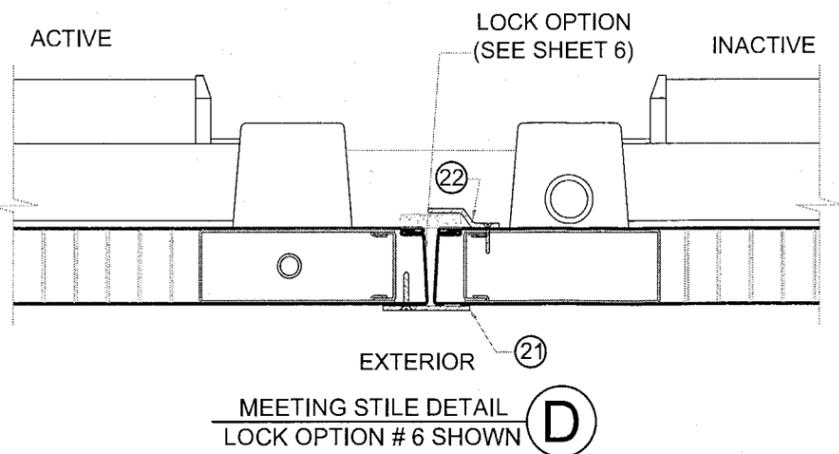
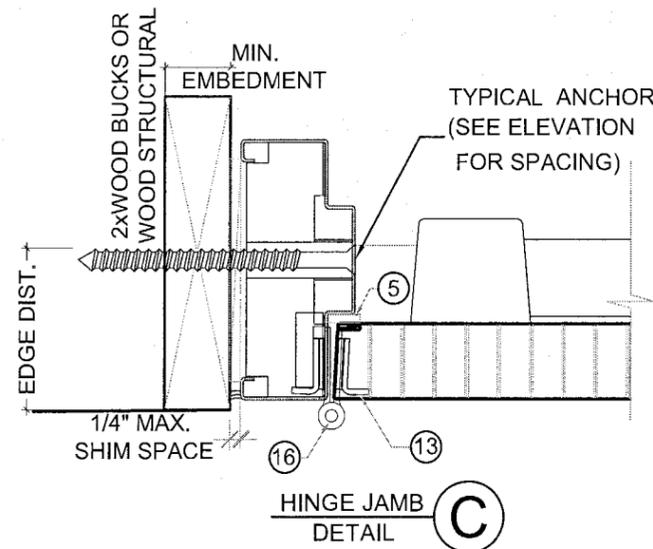
YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677  
*[Signature]*  
JUL 22 2010

REVISIONS		
NO.	DATE	DESCRIPTION
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**MCY**  
MCY ENGINEERING, INC.  
GLAZING CONSULTANTS  
9110 SW SUNSET DRIVE. P: 305.271.0117  
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SHEET 4 OF 8	

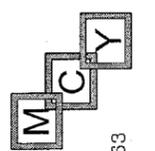


PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-0322-14  
 Expiration Date 03/09/2015  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

YIPING WANG, P.E.  
 FLORIDA REGISTRATION  
 PE #55983  
 C.A.N. 28677  
*[Signature]*  
 JUL 22 2010

STRIKE JAMB DETAIL (E)

NO.	DATE	DESCRIPTION
1	7/10/10	BCCO COMMENTS



MCY ENGINEERING, INC.

9110 SW SUNSET DRIVE, P: 30  
 MIAMI, FL 33173 F: 786.573.5063

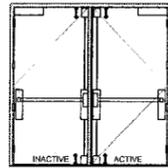
GENSTORM OUTSWING STEEL DOOR SYSTEM - LMI



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SHEET 5 OF 8	

MIAMI DADE COUNTY



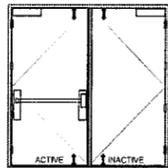
### OPTION 1

**ACTIVE LEAF:**

- VON DUPRIN 9827EO SURFACE VERTICAL ROD WITH #229 STRIKE USING SIX #9x25mm (1") MACHINE SCREWS AND TWO #14x25mm (1") MACHINE SCREWS SEALED WITH "GE SILICONE II"  
- "IVES" SB453 SURFACE MOUNT MANUALLY OPERATED FLUSH BOLT. TO BE FASTENED WITH (2) 10 x 1-1/2" TEKS SCREW + (2) 14x1 1-1/4" MS

**INACTIVE LEAF:**

- VON DUPRIN 9827EO SURFACE VERTICAL ROD WITH #229 STRIKE USING SIX #9x25mm (1") MACHINE SCREWS AND TWO #14x25mm (1") MACHINE SCREWS SEALED WITH "GE SILICONE II"  
- "IVES" SB453 SURFACE MOUNT MANUALLY OPERATED FLUSH BOLT. TO BE FASTENED WITH (4) 12 x 1-1/4" FH MS  
- PEMKO #375CR OVERLAPPING ASTRAGAL



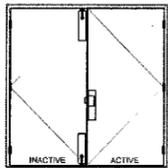
### OPTION 2

**ACTIVE LEAF:**

"VON DUPRIN" 9875 MORTISE EXIT WITH (2) 8-32 x 3/8" FH 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  
- PEMKO #375CR OVERLAPPING ASTRAGAL



### OPTION 3

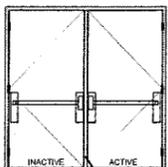
**ACTIVE LEAF:**

"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 4 (RIM EXIT WITH 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:**

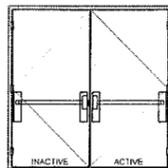
"PRECISION" HC2100 RIM EXIT MECHANISM. SURFACE MOUNT TWO POINT LOCK SYSTEM WITH PANIC DEVICE LOCATED 41-3/4" FROM BOTTOM WITH BY (4) 1/4-20 x 1" FH MS

**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.

# LOCK OPTIONS

LOCK OPTIONS FOR DOUBLE DOORS CAN APPLY TO SINGLE DOORS



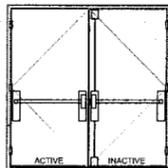
### OPTION 5

**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 6

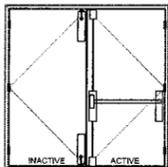
**ACTIVE LEAF:**

"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



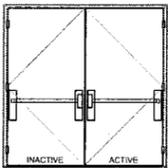
### OPTION 7

**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



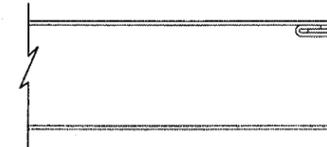
### OPTION 8

**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



DOOR EDGE CONSTRUCTION

### DOUBLE DOOR

**HINGES:** STEEL MORTISE HINGES 4 PER LEAF. LOCATED AT 11-3/4" MAX. FROM TOP OF DOOR TO CENTER LINE OF HINGE. AND TO BE SPACED OUT 25-5/16" MAX. FROM CL TO CL OF HINGE. TO BE FASTENED BY #12-24 x 1/2" FLATHEAD MACHINE SCREWS.

### SINGLE DOOR

**HINGES:** STEEL MORTISE HINGES 4 PER LEAF. LOCATED AT 11-3/4" MAX. FROM TOP OF DOOR TO CENTER LINE OF HINGE. AND TO BE SPACED OUT 25-5/16" MAX. FROM CL TO CL OF HINGE. TO BE FASTENED BY #12-24 x 1/2" FLATHEAD MACHINE SCREWS.

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 10-03-22-14  
Expiration Date 08/04/2015  
By *[Signature]*  
Miami Dade Product Control Division  
MIAMI DADE COUNTY

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

*[Signature]*  
JUL 22 2010

REVISIONS		
NO.	DATE	DESCRIPTION
1	7/10/10	BCCO COMMENTS

**MCY**  
**MCY ENGINEERING, INC.**  
 GLAZING CONSULTANTS  
 9110 SW SUNSET DRIVE. P: 305.271.0117  
 MIAMI, FL. 33173 F: 786.573.5063  
 www.MCYEngineering.com/MCY.Engineering@Atl.net

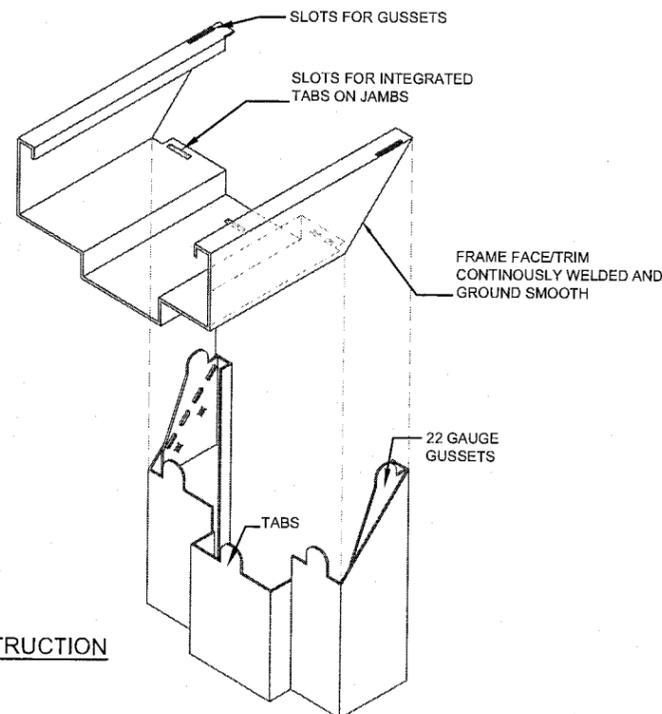
GENSTORM OUTSWING STEEL DOOR SYSTEM - LMI  
**gensteeldoors**  
 www.gensteeldoors.com  
 4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
 Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	07-10-10
SCALE	NTS.
DRAWN	M.C
PROJECT	10-01
DRAWING NO.	AD10-01
SHEET	6 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')	16 GA. (0.048MIN.) Fu= 48KSI MIN.
2	PMK2051	ALUM.	1	THRESHOLD	PEMKO WITH VINYL INSERT
3	-	STEEL DR ST/ST	AS REQD.	DOOR PANEL	20 GA. (0.036MIN) Fu= 55 KSI MIN.
4	DR1010	STEEL	AS REQD.	MORTISE BOX REINFORCEMENT	GENSTEEL
5	P 387	-	AS REQD.	PEMKO 387 CLOSED CELL SPONGE WEATHERSTRIP	PEMKO
6	-	STEEL	AS REQD.	2-3/8' x 4' 12 GA. STEEL REINFORCEMENT	GENSTEEL
7	HC822	ALUM.	AS REQD.	REMOVABLE MULLION	PRECISION HARDWARE
8	FA3010	STEEL	AS REQD.	EMA ANCHOR	GENSTEEL
9	SB453	-	AS REQD.	3/4" 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	4 PER LEAF	HINGE DUSTBOX	GENSTEEL
13	HR1030	STEEL (10 GA.)	4 PER LEAF	HINGE REINFORCEMENT WELDED TO FRAME OR DOOR	GENSTEEL
14	DR1700	STEEL	AS REQD.	MORTISE LOCK EDGE REINFORCEMENT WELDED	GENSTEEL
15	FR1100	STEEL	AS REQD.	ASA STRIKE BOX REINFORCEMENT	GENSTEEL
16	179-454	STEEL	4 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	THRESHOLD OPTION	PEMKO
20	2100	ALUM.	1 PER LEAF	DOOR SWEEP	UNIQUE
21	AS1080	STEEL	1	10GA. 2" FLAT ASTRAGAL W/ #12-14 x 7/8" SCREWS @ 12" O.C.	GENSTEEL
22	375CR	ALUM.	1	ASTRAGAL WITH SPONGE NEOPRENE W/ #6 x1" TEK SCREWS @ 6" O.C.	PEMKO 375CR
23	PMK177A	ALUM.	1	THRESHOLD	PEMKO
24	-	VINYL.	1	VINYL CAP	-
25	FR1100M	STEEL	AS REQD.	STRIKE DUST BOX	GENSTEEL
26	DR1700M	STEEL	AS REQD.	SURFACE BOLT STRIKE REINFORCEMENT	GENSTEEL
27	DC1000 & DR1000	STEEL	AS REQD.	CLOSER BOX REINFORCEMENT	GENSTEEL
28	CH3601	STEEL	2	DOOR END CHANNEL	GENSTEEL
29	-	STEEL	AS REQD.	2' x 4 1/2' 10 GA. REINFORCEMENT	GENSTEEL
30	-	STEEL	AS REQD.	2' x 6 3/4' 10 GA. REINFORCEMENT	GENSTEEL



<p><b>PRODUCT REVISED</b>                  as complying with the Florida Building Code                  Acceptance No <u>10-0322-19</u>                  Expiration Date <u>03/04/2015</u></p> <p>By <i>[Signature]</i>                  Miami Dade Product Control Division</p> <p style="text-align: right;">MIAMI DADE COUNTY</p>	<p style="text-align: center;">YIPING WANG, P.E.                  FLORIDA REGISTRATION                  PE #55983                  C.A.N. 28677</p> <p style="text-align: center;"><i>[Signature]</i>                  JUL 22 2010</p>
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<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">NO.</th> <th style="width: 10%;">DATE</th> <th style="width: 50%;">DESCRIPTION</th> <th style="width: 20%;">BY</th> </tr> <tr> <td>1</td> <td>7/10/10</td> <td>BCCO COMMENTS</td> <td></td> </tr> </table>	NO.	DATE	DESCRIPTION	BY	1	7/10/10	BCCO COMMENTS		<p><b>MCY ENGINEERING, INC.</b>                  GLAZING CONSULTANTS</p> <p>9110 SW SUNSET DRIVE. P: 305.271.0117                  MIAMI, FL 33173 F: 786.573.5063                  www.MCYEngineering.com/MCY.Engineering@Att.net</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">GENSTORM OUTSWING STEEL DOOR SYSTEM - LMI</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6                  www.gensteeldoors.com                  Tel: (514) 733-3562 Fax: (514) 733-1932</p>
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SHEET 8 OF 8										