

NOTICE OF ACCEPTANCE (NOA)**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 and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series Genstorm Louver Outswing Steel Doors

APPROVAL DOCUMENT: Drawing No. **AD10-09-002**, titled "Genstorm Louver Outswing Steel Door (LMI)", sheet 1 through 8 of 8 and last revised on 01/28/24 prepared, signed and sealed by Gordon D. Thomas, 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 Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant**Limitations:**

1. See Design Pressures & corresponding Hardware in sheets **1** & **6**. Doors are **not** rated for Air & water infiltration requirement is needed.
2. Lock Options # **1**, **3** & **5** in **sheet 6**, require total two (2) flush bolts (top/bottom) on the corresponding panel.

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

Gensteel Doors, USA

1551 Fairground Road

Madison, Georgia, USA 30650

and series 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.

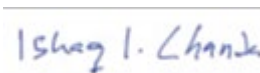
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this 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 NOA #20-1230.03** and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous files.

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file listed below)
2. Drawing No. **AD10-09-002**, titled "Genstorm Louver Outswing Steel Door (LMI)", sheet 1 through 8 of 8, dated 02-05-2009 and last revised on AUG 03, 2015, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. TESTS (submitted under files #15-0526.03/#12-0223.31 /#10-0125.03)

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94 (Not Performed)
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94 (Not performed)
 - 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.

C. CALCULATIONS (submitted under files #15-0526.03)

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (**5th Edition**), prepared by MCY Engineering, Inc., dated 05/15/15 and last revised on 08/03/15, signed and sealed by Yiping Wang, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Tensile Test, per ASTM A370-05 item B (1) (7)
2. Tensile test report N0. FTL 6745 per ASTM A370-05 dated 12/01/11, issued by Fenestration Testing Lab, signed and sealed by Martin D. Brinson, P.E. (submitted under file # **10-0125.03**)

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (**5th Edition**), dated 08/03/15, prepared by MCY Engineering, Inc, signed and sealed by Yiping Wang, P.E. (submitted under files **#15-0526.03**)
2. Statement letter of Lab. Compliance, as a part of above test reports.

G. OTHER

1. This NOA **renews # 15-0526.03**, expiring on 07/14/21.
2. Test proposal No. **08-1489**, issued to Gensteel Door Inc, approved on 11/14/08.
3. Distribution agreement between GenSteel Door, Canada & North American Door Corp, N.Y. dated 10/22/10, signed by Bruno Gervasi and Antonio Gervasi, respectively.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1207.08
Expiration Date: July 14, 2026
Approval Date: February 15, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **AD10-09-002**, titled “Genstorm Louver Outswing Steel Door (LMI)”, sheet 1 through 8 of 8, dated 02-05-2009 and last revised on JAN 02, 2018, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. Test

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition), dated 01/02/18, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

G. OTHER

1. This NOA revises # 16-0407.09, expiring 07/14/21.

3. Evidence submitted under previous approval

A. DRAWINGS

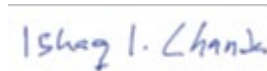
1. Drawing No. **AD10-09-002**, titled “Genstorm Louver Outswing Steel Door (LMI)”, sheet 1 through 8 of 8, dated 02-05-2009 and last revised on December 24, 2020 prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. Test

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2020 (7th Edition), prepared by MCY Engineering, Inc., dated 12/24/20, signed and sealed by Yiping Wang, P.E.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1207.08
Expiration Date: July 14, 2026
Approval Date: February 15, 2024

Gensteel Doors Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), dated 12/24/20, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Distribution agreement dated JAN 26, 2021 between Gensteel Doors, Inc., Canada & North American Door Corp, N.Y. (dba Gensteel Doors, LLC, USA), signed by Bruno Gervasi, VP manufacturing and Antonio Gervasi, President, respectively on behalf of their companies

G. OTHER

1. This NOA **revises # 18-0116.14**, expiring 07/14/26.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1207.08
Expiration Date: July 14, 2026
Approval Date: February 15, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **AD10-09-002**, titled “Genstorm Louver Outswing Steel Door (LMI)”, sheet 1 through 8 of 8 and last revised on 01/28/24 prepared, signed and sealed by Gordon D. Thomas, P.E.

B. Test

1. None.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS (item # 5 was submitted under previous submittal)

1. Statement letter of conformance to FBC 2023(8th Edition) dated 1/28/24, prepared, signed and sealed by Gordon D. Thomas, P.E.
2. Successor Engineer Statement letter of adopting another Engineer’s work dated 12/14/23 per FLA Administrative rule 61G15.27.001 and taking full responsibility, prepared, signed and sealed by Gordon D. Thomas, P.E.
3. Statement letter of “No financial interest to the testing Lab” dated 12/14/23, prepared, signed and sealed by Gordon D. Thomas, P.E.
4. Statement letter, no changes other than title block, prepared, signed and sealed by Gordon D. Thomas, P.E.
5. Distribution agreement dated JAN 26, 2021 between Gensteel Doors, Inc., Canada & North American Door Corp, N.Y. (dba Gensteel Doors, LLC, USA), signed by Bruno Gervasi, VP manufacturing and Antonio Gervasi, President, respectively on behalf of their companies.

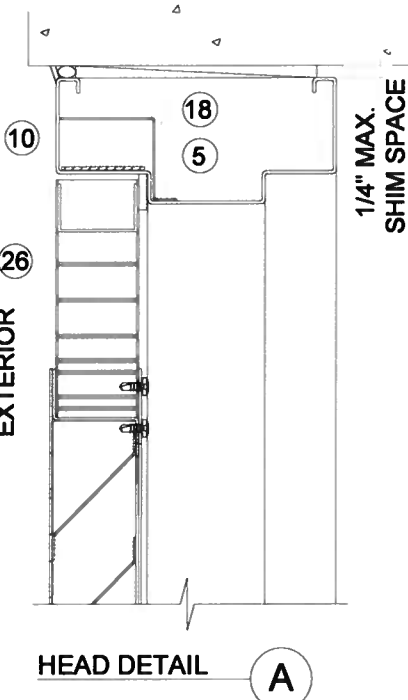
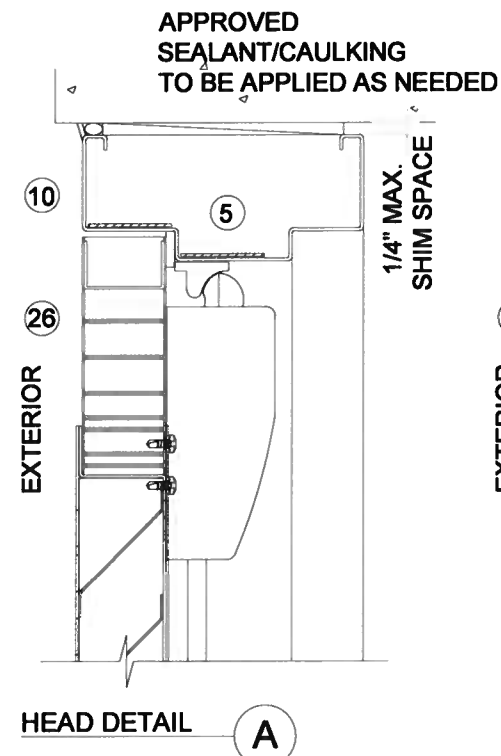
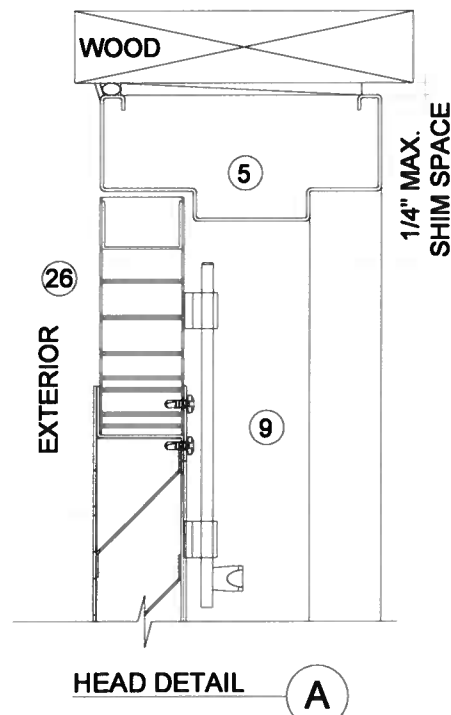
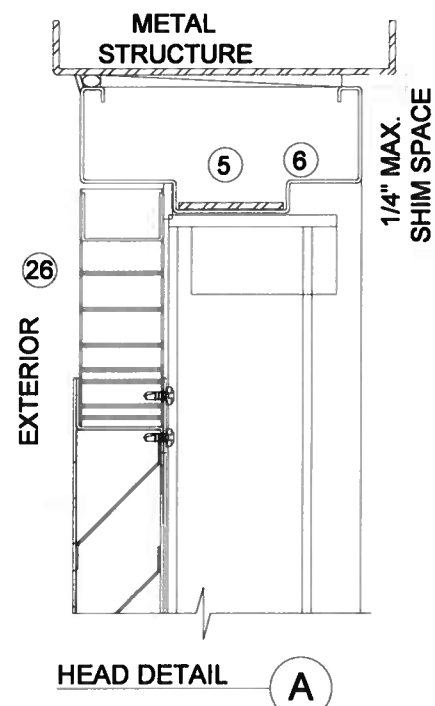
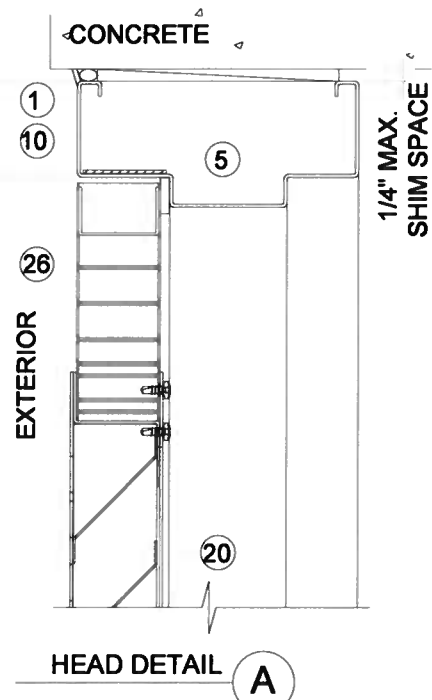
G. OTHER

1. This NOA revises **NOA #20-1230.03**, updates to FBC 2023, expiring 07/14/26.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1207.08
Expiration Date: July 14, 2026
Approval Date: February 15, 2024

MAX. FRAME HEIGHT (SEE SHEET1)
MAX. DOOR OPENING (SEE SHEET1)



TYPICAL ANCHORS W/ EMA (EXISTING MASONRY ANCHOR) @ JAMB:

TYPE A. 5/16" DIA. ULTRACONS BY 'DEWALT' Fy=155 KSI Fu = 177 KSI

(TYPE A1) DIRECTLY INTO 2BY WOOD BUCK
(TYPE A2) 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'

(TYPE B1) DIRECTLY INTO fc'=3000 PSI CONCRETE, 3" MIN. EDGE DIST.
(TYPE B2) 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
2-3/8" 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.)
5/8" MIN. EDGE DISTANCE

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
MIN. 10" LONG

SEALANT:
ALL FRAME JOINTS AND CORNERS TO BE SEALED
WITH SILICONE AT PERIMETER

TYPICAL ANCHORS @ THRESHOLD:

TYPE F. 1/4" DIA. ULTRACON+ BY 'DEWALT' Fy = 148 KSI Fu = 164 KSI
5/16" DIA. ULTRACONS BY 'DEWALT' Fy = 155 KSI Fu = 177 KSI

DIRECTLY INTO fc'=3000 PSI MIN. CONCRETE
1-1/2" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE

TYPE F1. 1/4" TAPCON BY ITW Fy = 90 KSI Fu = 120 KSI

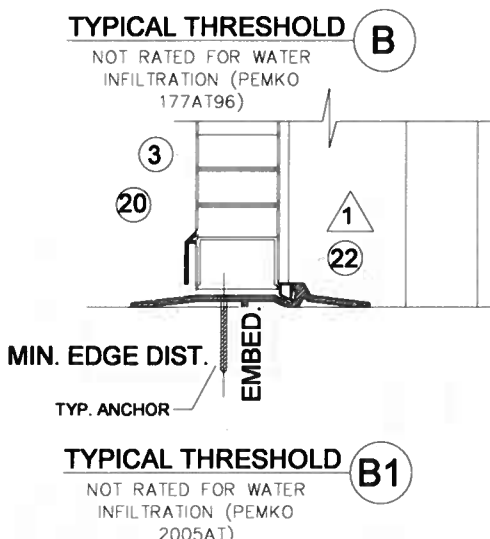
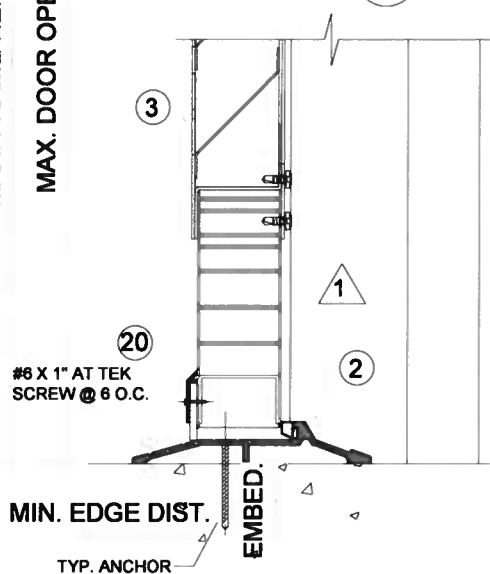
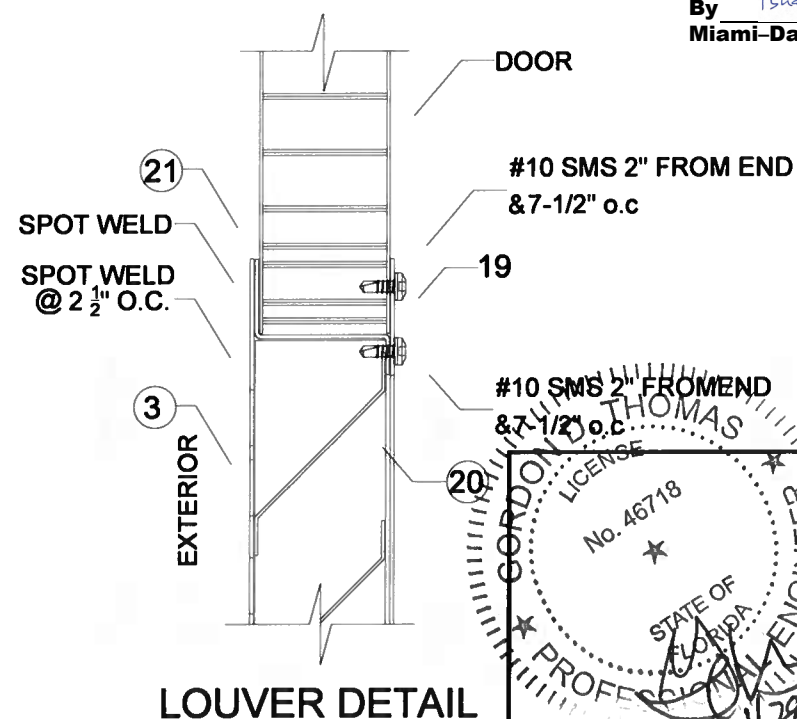
DIRECTLY INTO fc'=3000 PSI MIN. CONCRETE
1-1/2" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 23-1207.08

Expiration Date 07/14/2026

By Ishay I. Chande
Miami-Dade Product Control



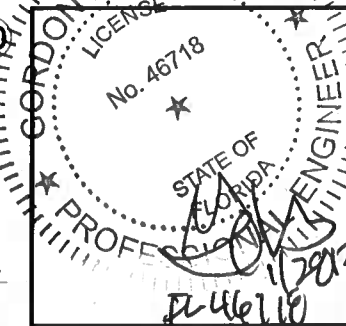
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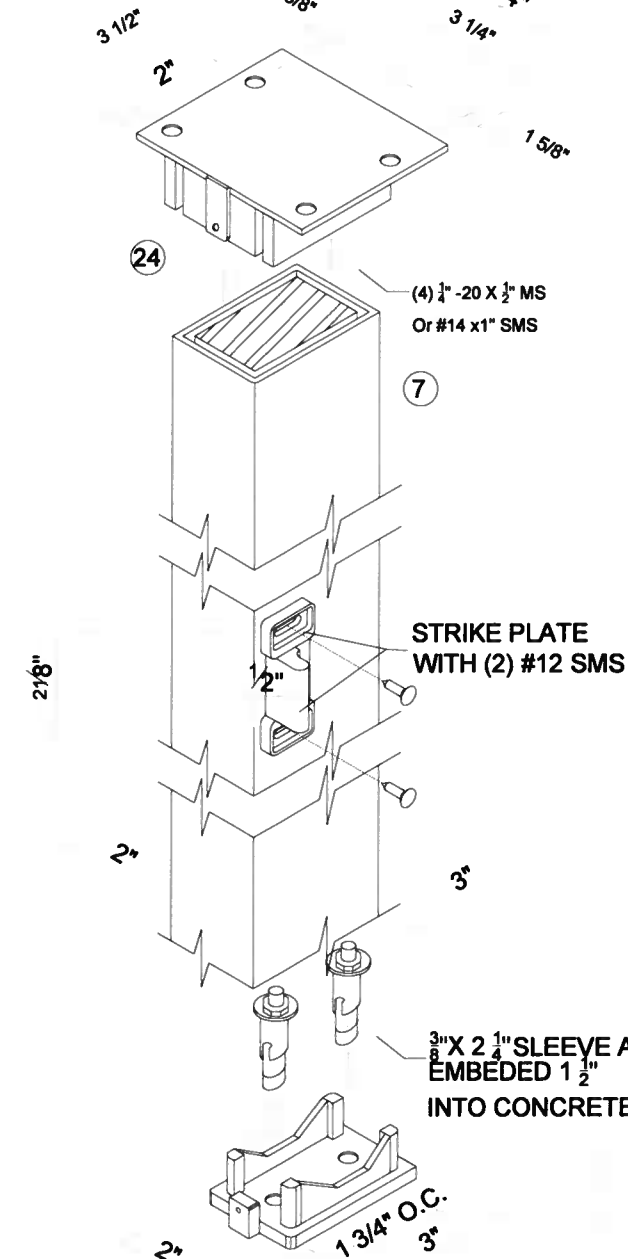
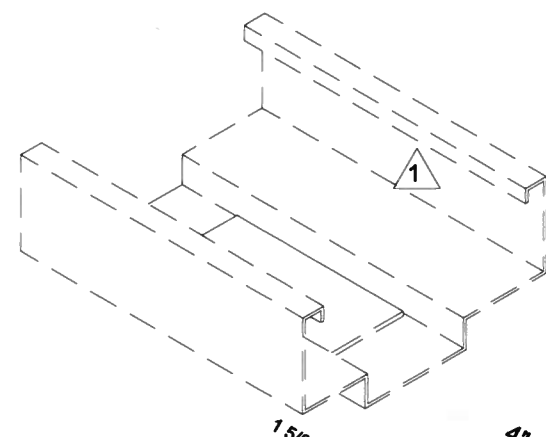
GENSTORM LOUVER OUTSWING STEEL DOOR (LMI)
gensteel
4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
Tel: 514.733.3562
www.gensteeldoors.com

DATE	10/05/2023
SCALE	NTS
DRAWN	
PROJECT	

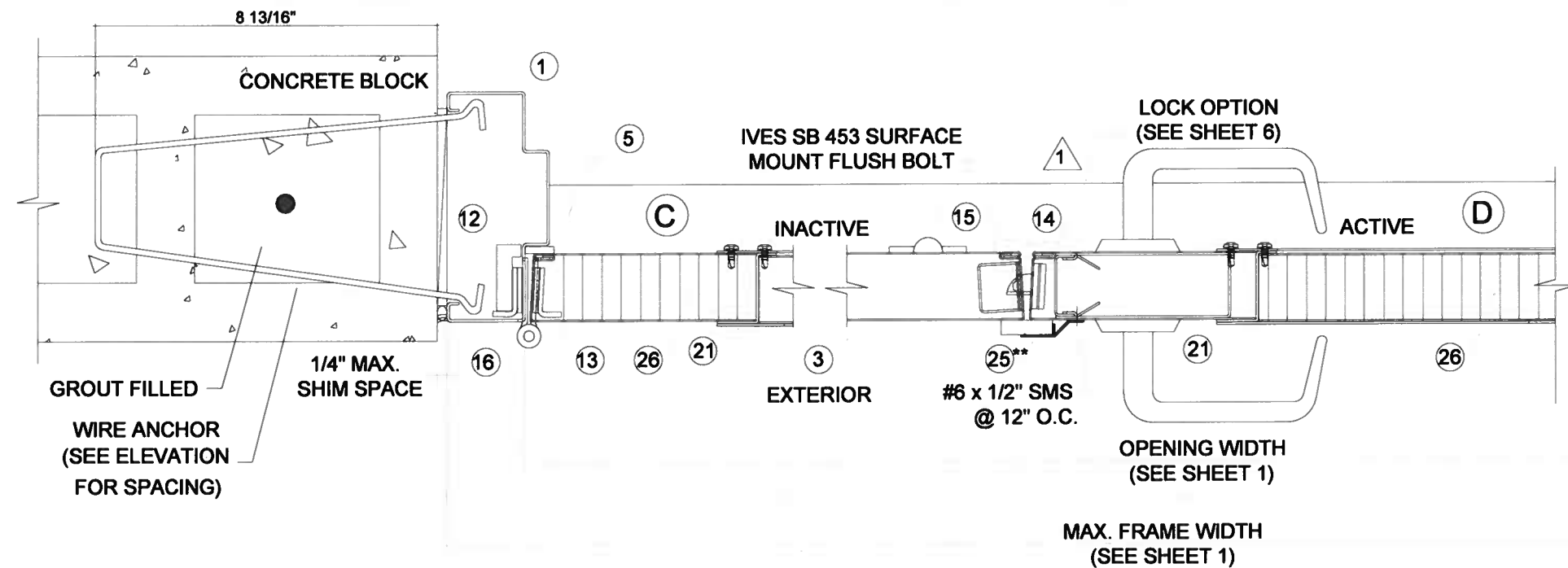
DRAWING NO.
AD-09-002

SHEET 2 OF 8

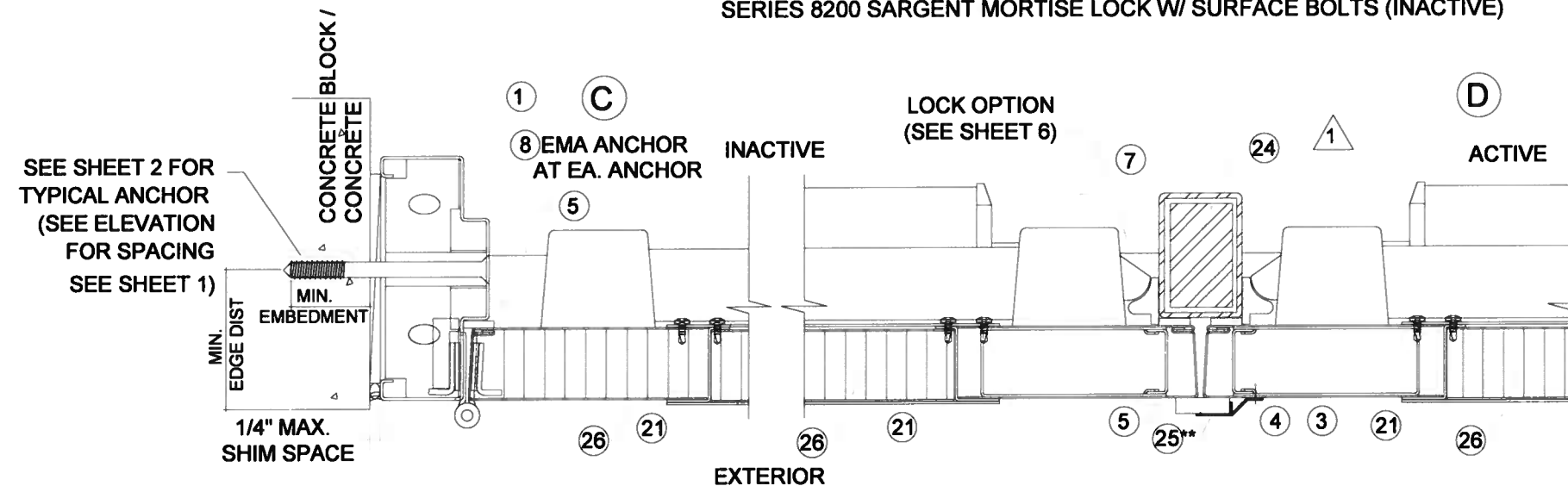




**HC822
REMOVABLE MULLION
W/REINFORCEMENT**



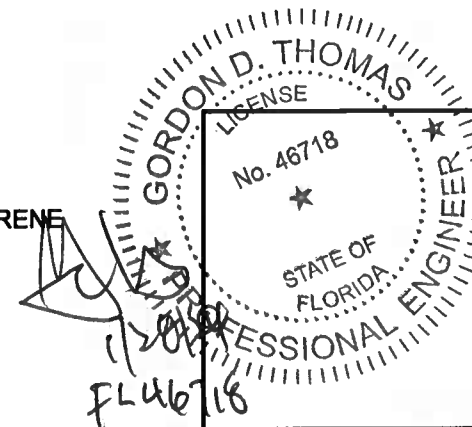
**LOCK OPTION # 1
SERIES 8200 SARGENT MORTISE LOCK W/ SURFACE BOLTS (INACTIVE)**



**LOCK OPTION # 2
PRECISION HC2100 RIM PANIC EXIT W/ HC822 REINFORCE MULLION**

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08
Expiration Date 07/14/2026
By Ishag I. Chah
Miami-Dade Product Control

** 22 PEMKO 375 ASTRAGAL W/ SPONGE NEOPRENE

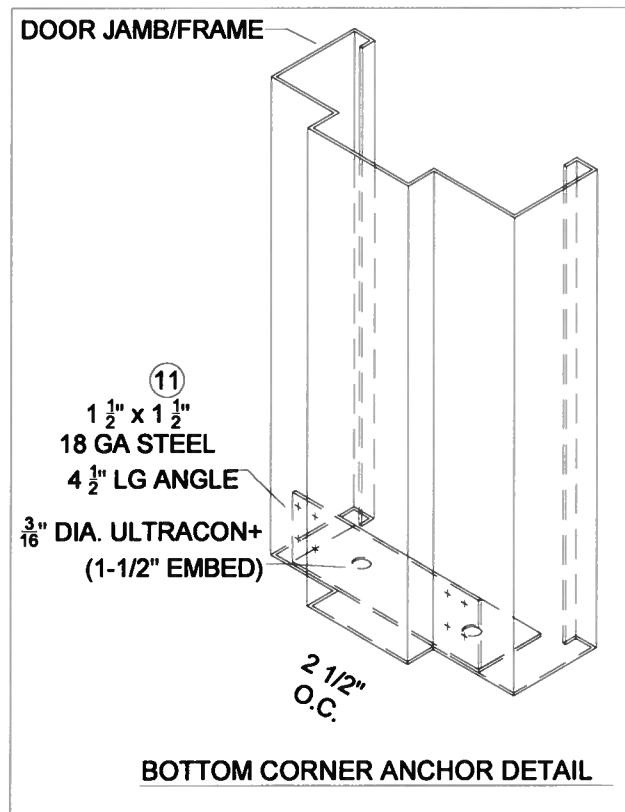


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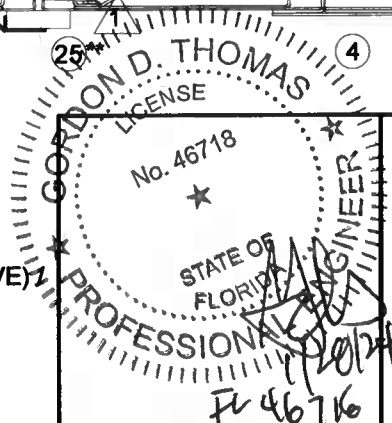
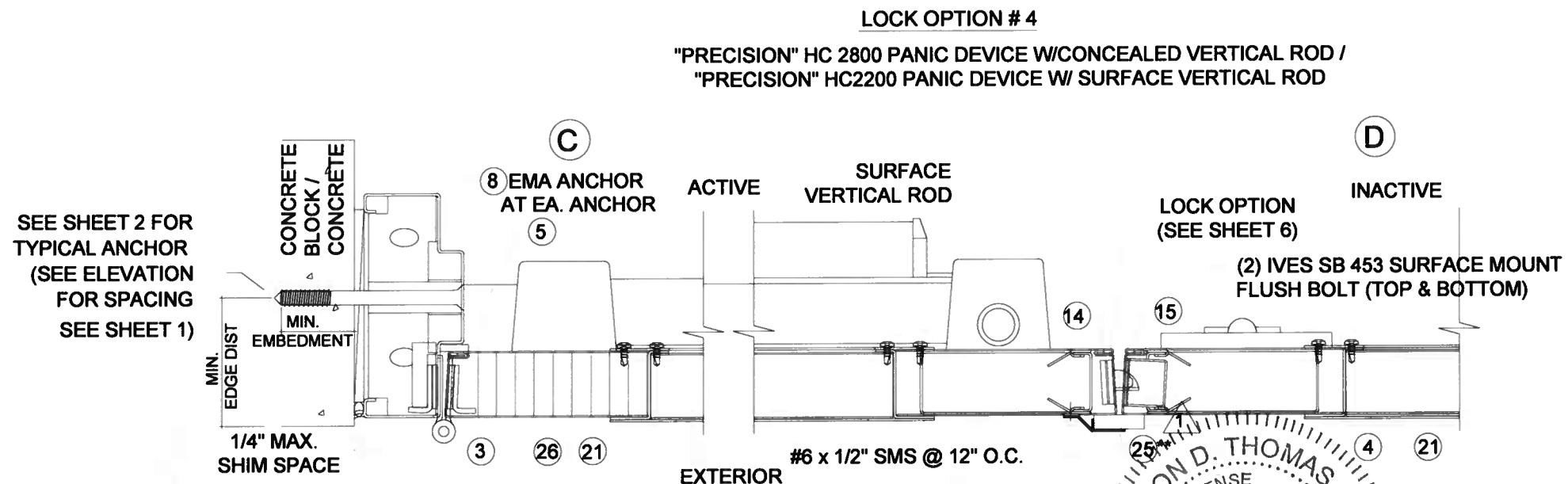
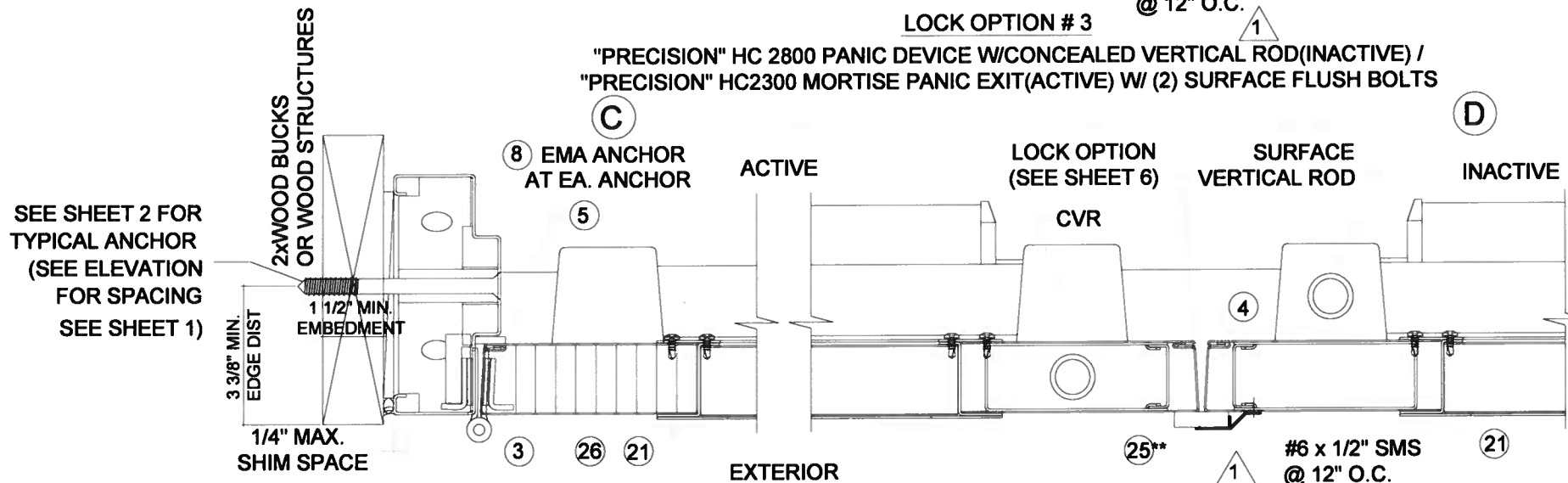
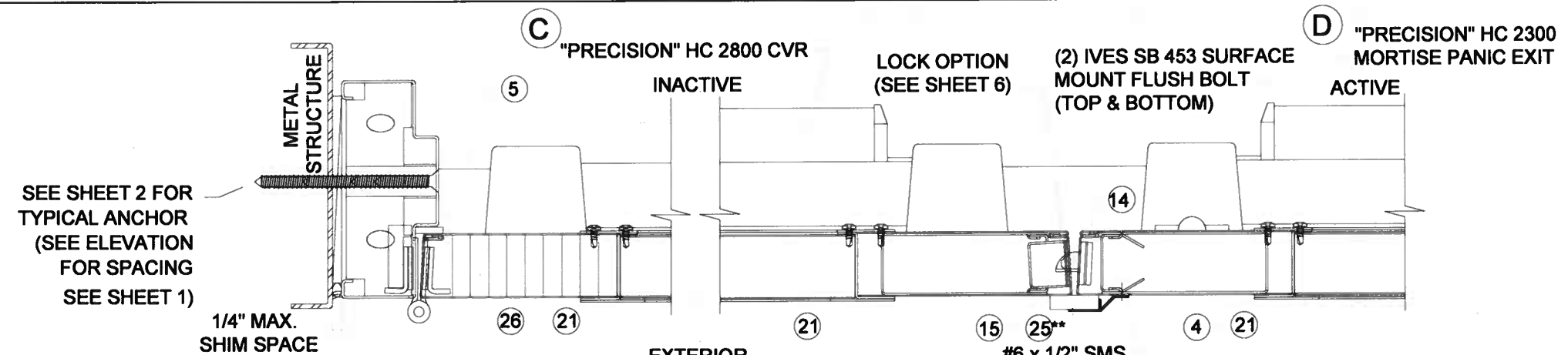
Gensteel
GENSTORM LOUVER OUTSWING STEEL DOOR (LMI)
4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
Tel: 514.733.3562
Fax: 514.733.1932
www.gensteeldoors.com

DATE	10/05/2023
SCALE	NTS
DRAWN	
PROJECT	
DRAWING NO.	AD-09-002
SHEET	3 OF 8

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08
Expiration Date 07/14/2026
By *Ismael L. Chanda*
Miami-Dade Product Control



** 22 PEMKO 375 ASTRAGAL W/ SPONGE NEOPRENE

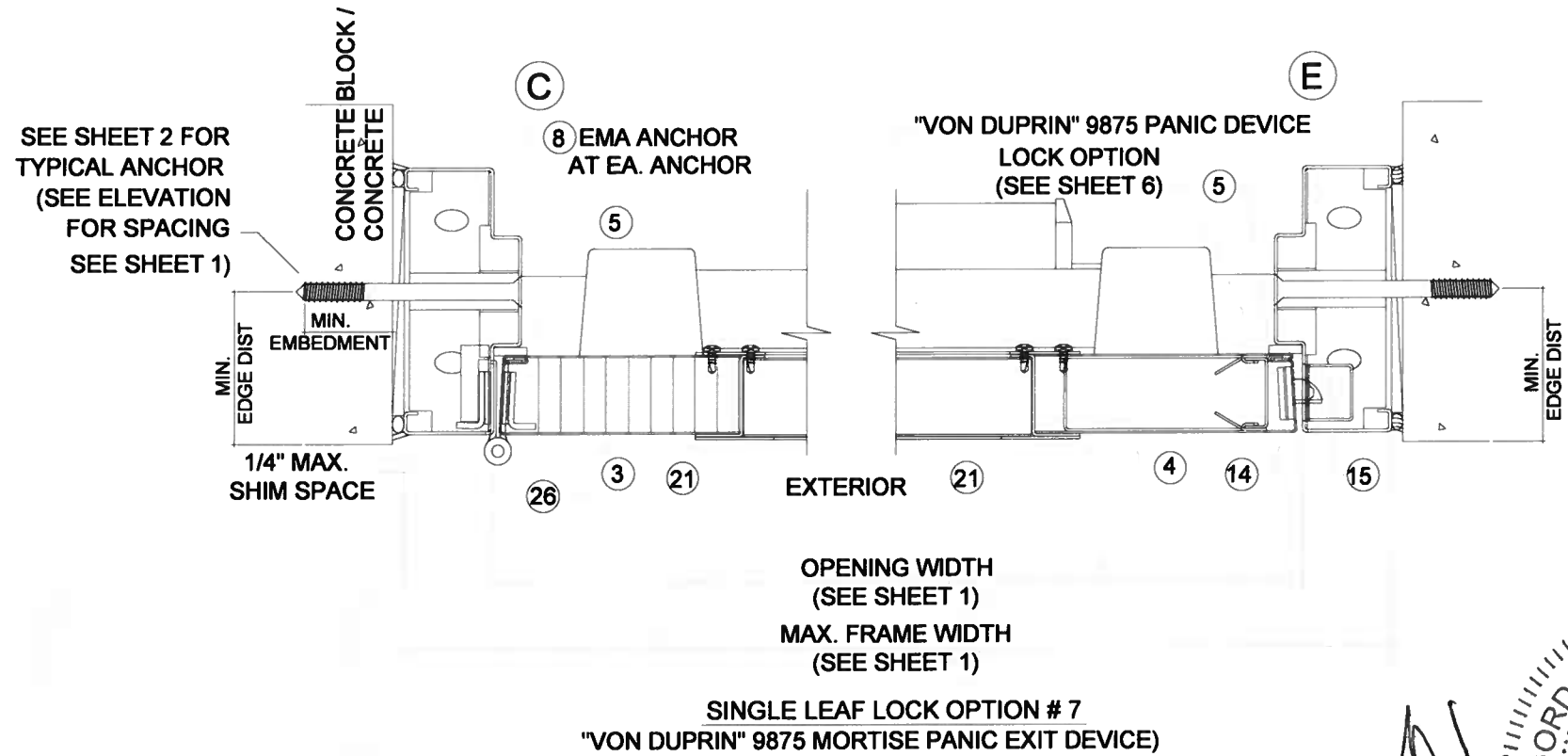
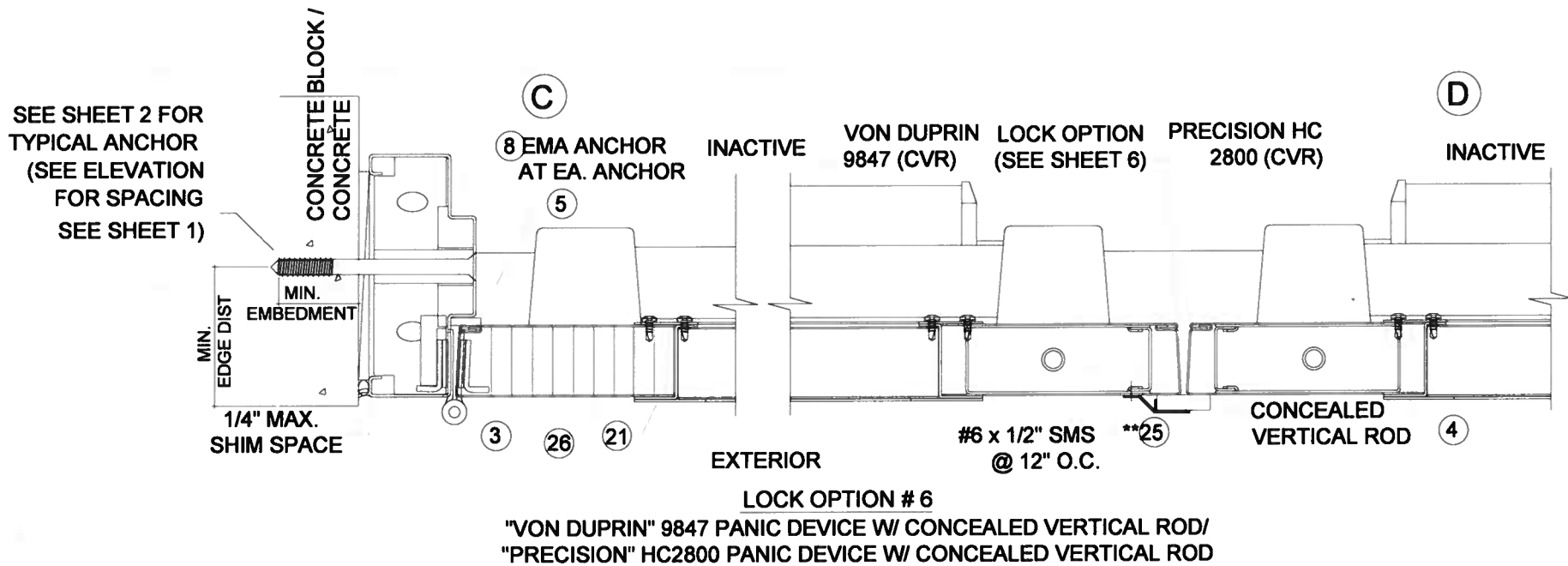


REVISIONS	DESCRIPTION
NO.	DATE

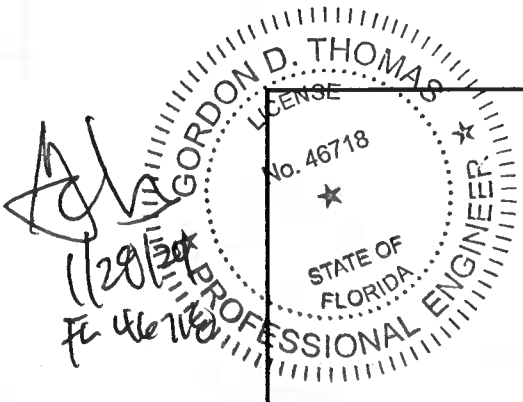
GENSTEEL
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DATE	10/05/2023
SCALE	NTS.
DRAWN	
PROJECT	
DRAWING NO.	AD-09-002
SHEET	4 OF 8

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08
Expiration Date 07/14/2026
By Ishag I. Chande
Miami-Dade Product Control



** 22 PEMKO 375 ASTRAGAL W/ SPONGE NEOPRENE



REVISIONS	
NO.	DATE

GENSTORM LOUVER OUTSWING STEEL DOOR (LMI)

Gensteel

4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
Tel: 514.733.1932
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DATE	10/05/2023
SCALE	NTS.
DRAWN	
PROJECT	

DRAWING NO.	AD-09-002
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 1ST HINGE. BALANCE TO BE
SPACED OUT NOT TO EXCEED 37-15/16" MAX. FROM
CL TO CL OF HINGE. TO BE FASTENED BY #12-24 x 1/2"
FLATHEAD MACHINE SCREWS.

OPTION 1



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+80.0 PSF
-80.0 PSF

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



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+65.0 PSF
-65.0 PSF

OPTION 2

(PRECISION 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

REINFORCED 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.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08

Expiration Date 07/14/2026

By Ishag I. Chahine
Miami-Dade Product Control

OPTION 3



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+65.0 PSF
-65.0 PSF

ACTIVE LEAF:
"PRECISION" HC2300 MORTISE PANIC 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 "PRECISION" PANIC
DEVICE LOCATED 40" FROM BOTTOM WITH (4) 10-24 x 1-1/4"
OH MS



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+65.0 PSF
-65.0 PSF

OPTION 4

ACTIVE LEAF:
"PRECISION" HC2800 CONCEALED VERTICAL ROD. SURFACE
MOUNT TWO POINT LOCK SYSTEM WITH PRECISION 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 PRECISION 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 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

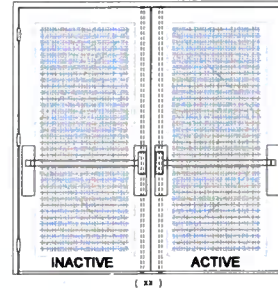
OPTION 5



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+80.0 PSF
-80.0 PSF

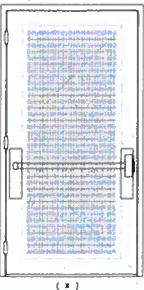
ACTIVE LEAF:
"PRECISION" HC2200 SURFACE VERTICAL ROD.
(4) 10-24 x 1-1/4" OH MS. LOCATED 39-3/4" FROM BOTTOM

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



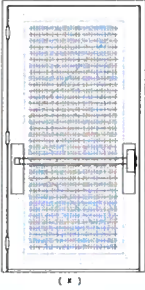
DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+80.0 PSF
-80.0 PSF

OPTION 7



DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+65.0 PSF
-65.0 PSF

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

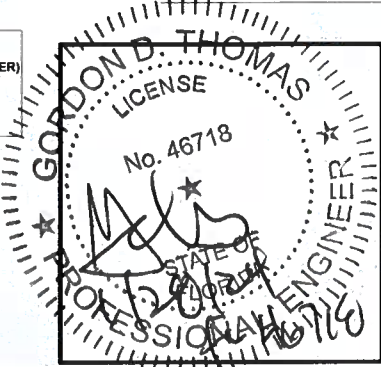


OPTION 8

SINGLE PANEL DOOR ONLY:
"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

DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER)
+80.0 PSF
-80.0 PSF

DOOR EDGE CONSTRUCTION



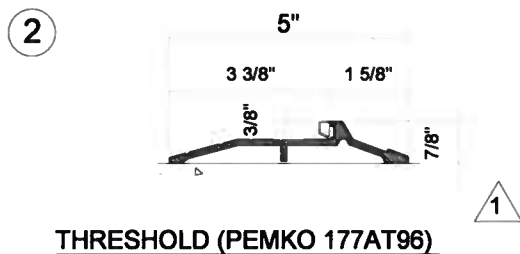
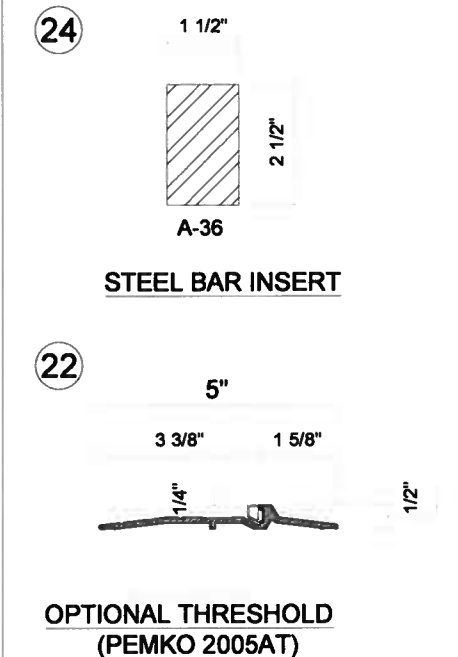
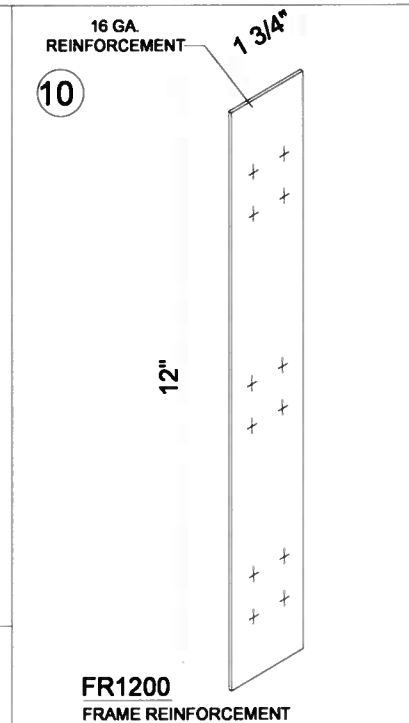
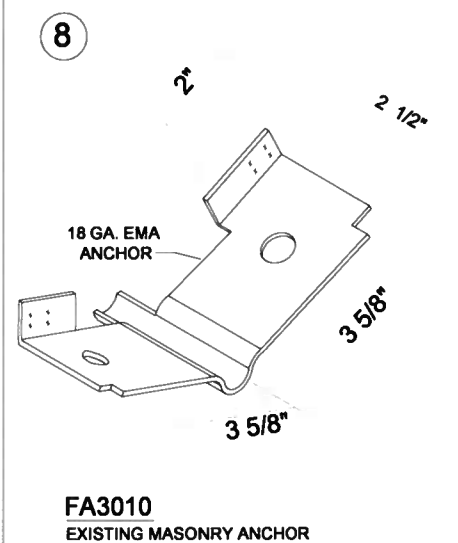
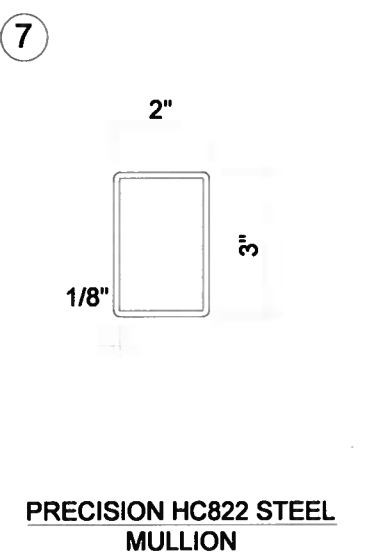
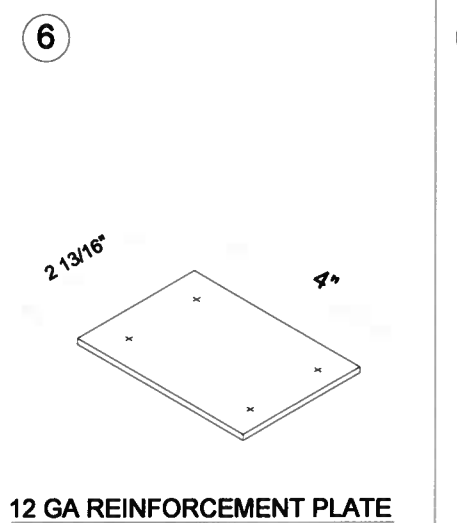
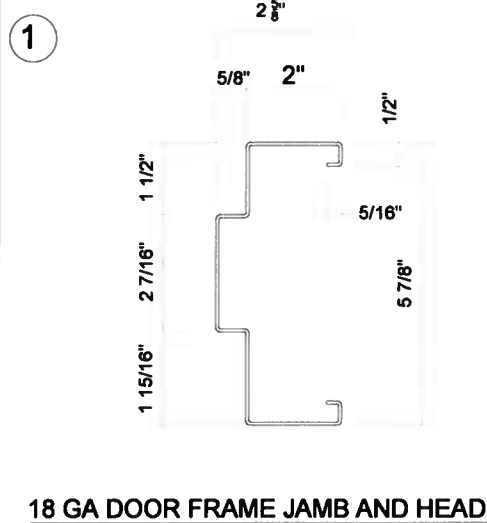
REVISIONS	
NO.	DATE

GENSTORM LOUVER OUTSWING STEEL DOOR (LM)
gensteel
4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
Tel: 514.733.3562
www.gensteeldoors.com

DATE	10/05/2023
SCALE	NIS.
DRAWN	
PROJECT	

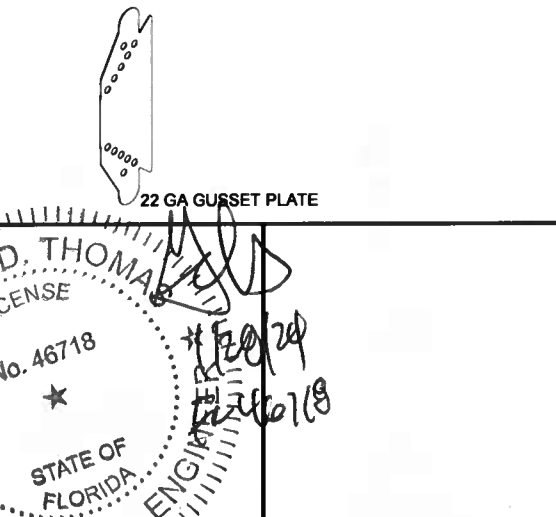
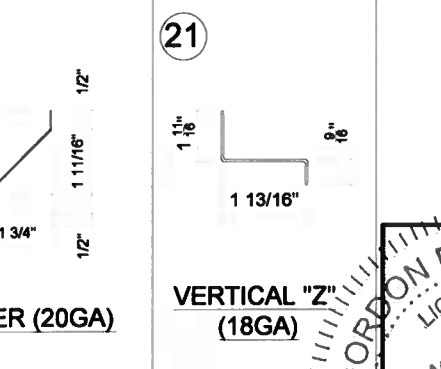
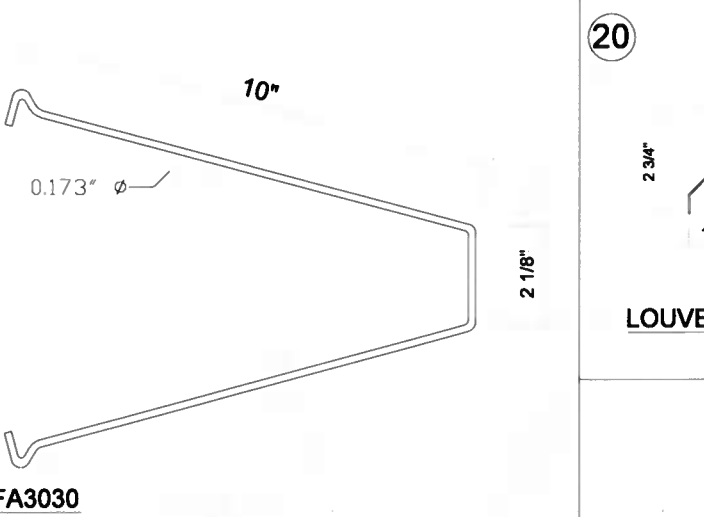
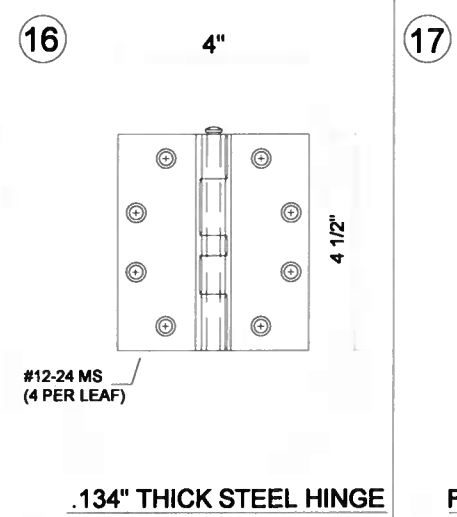
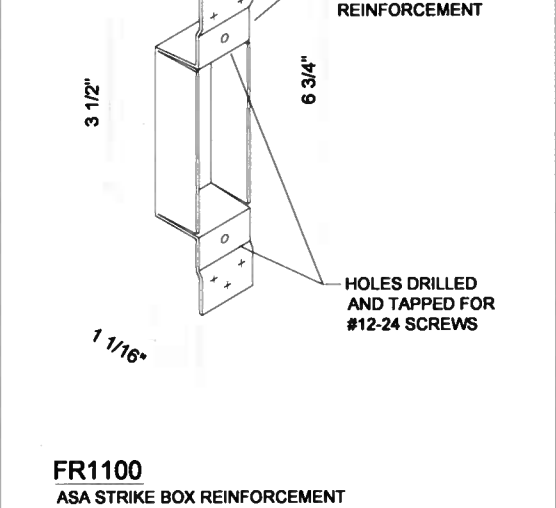
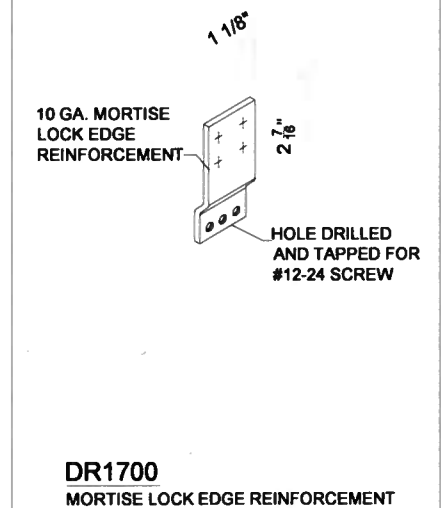
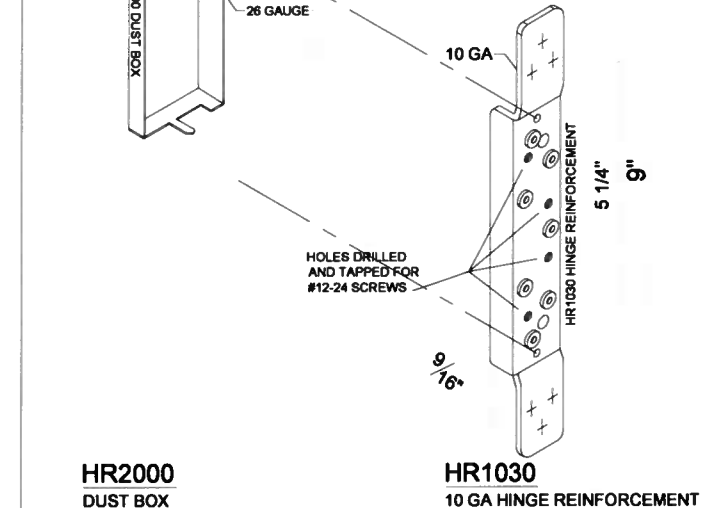
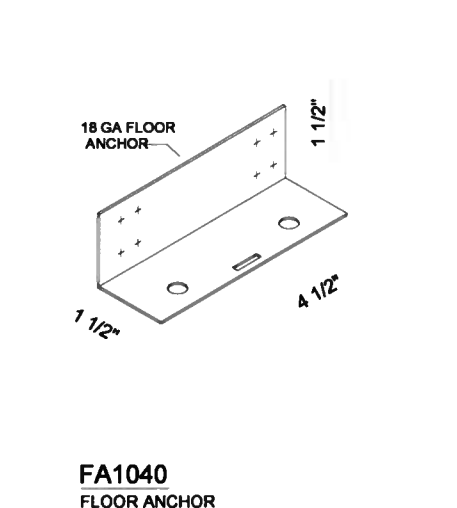
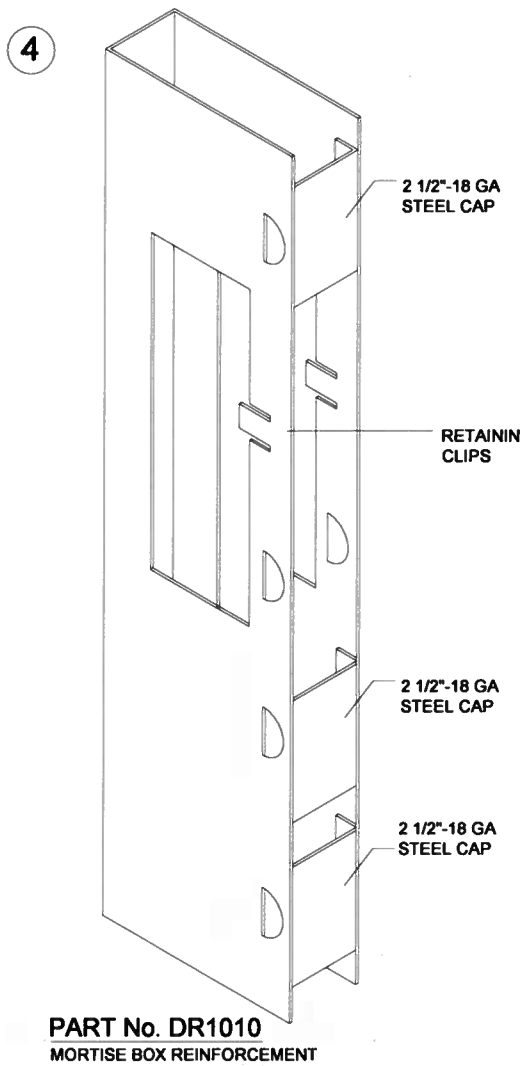
DRAWING NO.
AD-09-002

SHEET 6 OF 8



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08
Expiration Date 07/14/2026

By Ishag I. Chande
Miami-Dade Product Control



NO.	DATE	DESCRIPTION

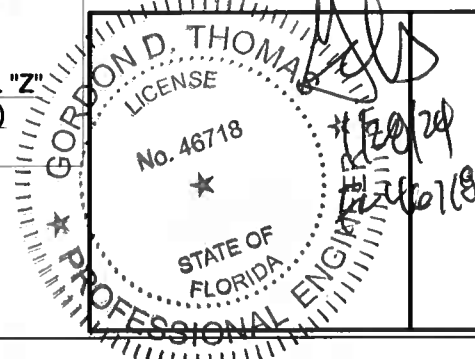
GENSTORM LOUVER OUTSWING STEEL DOOR (LMI)

gensteel


4950 Hickmore, St. Laurent, Quebec, Canada H4T 1K6
Tel: 514.733.3562 Fax: 514.733.1932
www.gensteeldoors.com

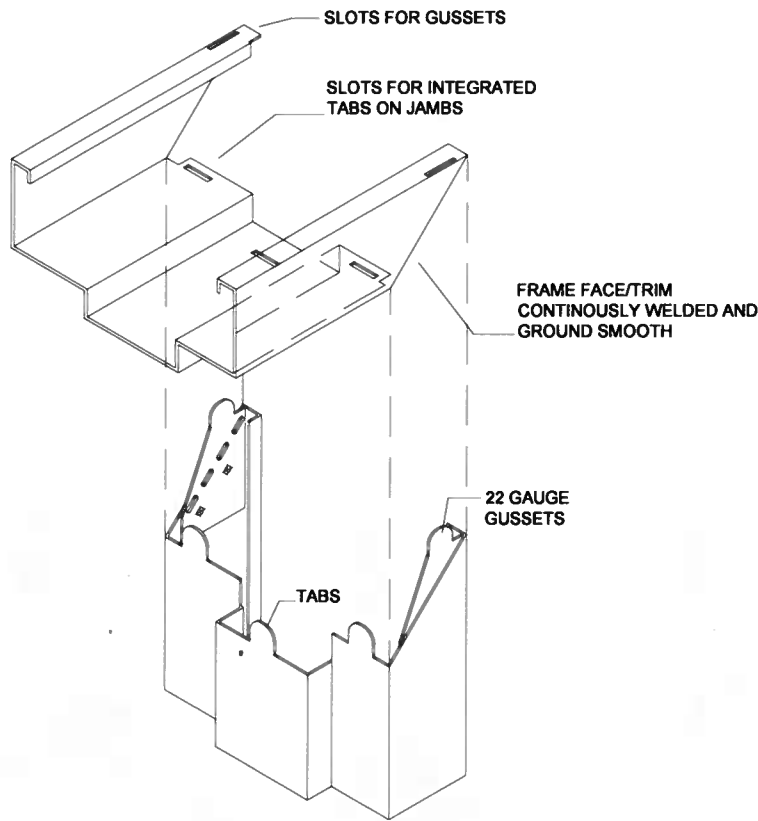
DATE	10/05/2023
SCALE	NTS.
DRAWN	
PROJECT	

DRAWING NO.	AD-09-002
SHEET	7 OF 8



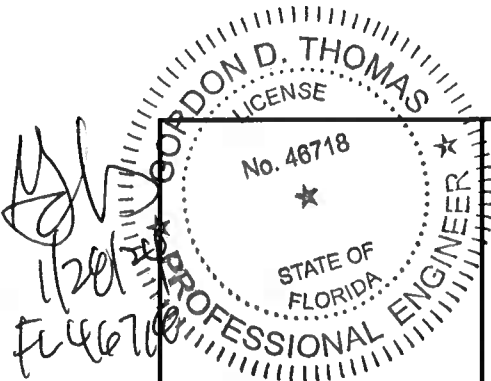
BILL OF MATERIALS

ITEM	PART No.	MATERIAL	QTY.	DESCRIPTION	MANUFACTURER/SUPPLIER/ REMARKS
1	-	STEEL OR ST/ST	AS REQD.	FRAME HEAD/JAMB (5-7/8" x 2")	18 GA. (0.048MIN.) Fy= 42KSI MIN.
2	PMK177	ALUM.	1	THRESHOLD WITH THERMO SEAL INSERT 	PEMKO 177AT
3	-	STEEL OR ST/ST	AS REQD.	3/4" SQUARE DOOR PANEL SPOT WELDED GRILL AT EXTERIOR FACE	18 GA. (0.036MIN) Fy= 42 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.	 2-3/16" 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. FY=60 KSI
18	-	STEEL	AS REQD.	20GA. DUSTBOX	GENSTEEL
19	-	STEEL	AS REQD.	2" x .105" PERFORATED STEEL PLATE	GENSTEEL
20	-	STEEL	AS REQD.	20 GA. LOUVER BLADES	GENSTEEL
21	-	STEEL	AS REQD.	VERTICAL "Z"	GENSTEEL
22	PMK 2005AT	ALUM.	AS REQD.	OPTIONAL THRESHOLD WITH THERMO SEAL INSERT	PEMKO 2005AT
23	PEMKO0315-N	-	1 PER LEAF.	WEATHERSTRIP AT BOTTOM OF PANEL	PEMKO
24	-	STEEL	1 PER MULLION	1 1/2" x 2 1/2" FULL LENGTH STEEL BAR REINFORMENT	A36 PRECISION HARDWARE HC822 INSERT
25	PEMKO P375	-	AS REQD.	PEMKO 375CR ASTRAGAL WITH SPONGE NEOPRENE	PEMKO WEATHERSTRIPPING
26	HONEYCOMB	ALUM.	AS REQD.	INSIDE OF DOOR PANEL	GENSTEEL



CORNER FRAME CONSTRUCTION

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.08
Expiration Date 07/14/2026
By Ishaq I. Chande
Miami-Dade Product Control



REVISIONS	
NO.	DESCRIPTION

GENSTORM LOUVER OUTSWING STEEL DOOR (LMI)

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