



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**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 4888 HD" Flush Outswing Single & Double Steel Doors-LMI**

**APPROVAL DOCUMENT:** Drawing No. **AD15-35 Rev 1**, titled "Genstorm Outswing 4888 HD Steel Door System (LMI)", sheet 1 through 12 of 12, dated 12/14/14 and last revised on 02/12/24, prepared by manufacturer, 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 and Small Missile Impact Resistant**

**Limitations:**

1. Doors are rated for water infiltration requirement w/ threshold (w/ item #18, bulb gasket & cell foam tape entire frame perimeter). All door panels require Stiffeners (items #20, #21 & #22), see sheet 8 for details.
2. Lock Options # 1, 2 & 4 in sheet 9, require total two (2) flush bolts (top/bottom) on the Inactive panel. Dorma 9400 series Surface Vertical Rod & Dorex 9500 FV must use the corresponding strikes at rod ends.

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

Gensteel Doors Inc.	Gensteel Doors Inc.	Gensteel Doors, USA
4950 Hickmore Street	2335 Industrial Park Drive	1551 Fairground Road
Ville St. Laurent, Quebec, Canada H4T1K6	Cornwall, Ontario, Canada K6H7M4	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 # 20-1230.04** consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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

*Ishaq I. Chanda*

**NOA No. 23-1207.09**  
**Expiration Date: April 21, 2026**  
**Approval Date: March 21, 2024**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- 1. Evidence submitted under previous files**
- A. DRAWINGS**
  1. Manufacturer's die drawings and sections
  2. Drawing No. **AD15-35**, titled "Genstorm Outswing 4888 HD Steel Door System (LMI)", sheet 1 through 12 of 12, dated MAR 25, 2016, 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(see approval limitations)
    - 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 Genstorm Opaque Outswing Double Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 7654**, dated 10/13/09 and **FTL 5898**, dated 08/14/2014, signed and sealed by Idalmis Ortega, P.E.

Note: This test report has been revised by an addendum letter dated August 31, 2015, issued by fenestration Testing Lab, signed by Ms. Illiana Sanchez.
- C. CALCULATIONS**
  1. Anchor verification calculations and structural analysis, complying with FBC-2014 (**5<sup>th</sup> Edition**), prepared by MCY Engineering, Inc., dated 05/18/15 and last revised on 11/11/15, 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 report N0. FTL 7654 per ASTM A370-05 dated 08/14/14, issued by Fenestration Testing Lab, signed and sealed by Idalmis Ortega, P.E.
  2. Notice of Acceptance No. **14-1015.08** issued to Johns Manville for "Polyisocyanurate foam (R-panel 25PSI)", expiring on 02/05/19.
  3. Technical specification of Fiberglass 800 series insulation compliance to ASTM E-84, published by Johns Manville dated 06/15.
  4. Technical specification of "Expanded Polystyrene (EPS-type I)" sheet, published by LigerLite (using STYROCHEM's EPS beads)
- F. STATEMENTS**
  1. Statement letter of conformance to FBC 2014 (**5<sup>th</sup> Edition**), dated 05/18/15, prepared by MCY Engineering, Inc, signed and sealed by Yiping Wang, P.E.
  2. Statement letter dated March 30, 2016, for use of STYROCHEM's EPS beads to manufacturer LegerLite core, issued by Le Groupe LegerLite Inc, signed by Patrik L'Ecuyer, VP-Ventes.
  3. Statement letter of Lab. Compliance, as a part of above test reports.
- G. OTHER**
  1. 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. 23-1207.09**  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **AD15-35**, titled “Genstorm Outswing 4888 HD Steel Door System (LMI)”, sheet 1 through 12 of 12, dated 12/14/14 and last revised on FEB 27, 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**

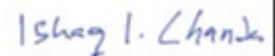
1. None.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition), dated 01/02/18, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. E-mail statement letter dated 02/27/18 clarifying DWG changes, issued by MCY Engineering, Inc., signed by Yanet Pablos.

**G. OTHER**

1. This NOA revises # **15-0526.02**, expiring 04/21/21.



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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1207.09**  
**Expiration Date: April 21, 2026**  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **AD15-35**, titled “Genstorm Outswing 4888 HD Steel Door System (LMI)”, sheet 1 through 12 of 12, dated 12/14/14 and last revised on DEC 24, 2020, 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 2020 (7<sup>th</sup> 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 # **18-0116.16**, expiring 04/21/21.

Ishaq I. Chanda

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1207.09**  
**Expiration Date: April 21, 2026**  
**Approval Date: March 21, 2024**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **AD15-35 Rev 1**, titled “Genstorm Outswing 4888 HD Steel Door System (LMI)”, sheet 1 through 12 of 12, dated 12/14/14 and last revised on 02/12/24, prepared by manufacturer, signed and sealed by Gordon D. Thomas, P.E.

Note: This revision is for FBC 2023 updates and Engineer change only.

**B. Test**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

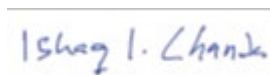
1. None.

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

1. Statement letter of conformance to FBC 2023(8<sup>th</sup> 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 # **20-1230.04** and updates to FBC 2023, expiring 04/21/26.



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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1207.09**  
**Expiration Date: April 21, 2026**  
**Approval Date: March 21, 2024**



GENSTEEL DOORS INC.

SERIES "GENSTORM OUTSWING 4888 HEAVY DUTY OPAQUE STEEL DOOR"

LARGE MISSILE IMPACT (LMI&SMI)

SERIES GENSTORM OUTSWING 4888 HEAVY DUTY OPAQUE DOOR (LMI&SMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENT OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

- DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED (SINGLE ROW SELF-ADHESIVE CLOSED CELL FOAM TAPE TO BE APPLIED TO ENTIRE PERIMETER OF FRAME).

- DOORS CAN ALSO 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 AT HEAD/JAMBS NOT BY GENSTEEL DOOR CO. MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- 2XWOOD BUCKS AT HEAD/JAMBS 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.20GA.(.038") STEEL MIN. Fy=42 KSI MIN & Fu=53 KSI MIN. DOOR FRAME: MIN. 18 GA.(.048") STEEL MIN. Fy=42 KSI MIN. & Fu=53 KSI MIN.

- DOOR PANEL STAINLESS OPTION: 18GA (.048") STAINLESS STEEL, TYPES 304 OR 316 GRADES, Fy=42 KSI MIN. Fu= 53 KSI MIN. DOOR PANEL MEETING MIN. Fy=42 KSI & Fu= 53 KSI OR BETTER MAY QUALIFY HAVING "MIL-CERTIFICATE" AS A VERIFICATION OF THE AVAILABLE MIN. YIELD STRENGTH.

- DOOR FRAME STAINLESS OPTION: 18GA (.048") STAINLESS STEEL, TYPES 304 OR 316 GRADES, Fy=42 KSI MIN. Fu= 53 KSI MIN. DOOR PANEL MEETING MIN. Fy=42 KSI & Fu= 53 KSI OR BETTER MAY QUALIFY HAVING "MIL-CERTIFICATE" AS A VERIFICATION OF THE AVAILABLE MIN. YIELD STRENGTH.

- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-16 MULTIPLY BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.

NOTES:  
EGRESS REQUIREMENT TO BE REVIEWED BY BUILDING OFFICIAL.

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

TYPICAL ANCHORS @ JAMB: (REFER TO ELEVATION FOR SPACING)

TYPE A 5/16" DIA. ULTRACONS BY 'DEWALT' (Fy=155 ksi Fu=177 ksi) THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO CONCRETE, fc'=3000 PSI MIN. 1-3/4" MIN. EMBED, 2 3/16" MIN. EDGE DISTANCE

TYPE A1 5/16" DIA. ULTRACONS BY 'DEWALT' (Fy=155 ksi Fu=177 ksi) THRU EMA (EXISTING MASONRY ANCHOR) INTO WOOD. SG=0.55 MIN. 1 1/2" MIN. EMBED, 2 3/16" MIN. EDGE DISTANCE.

TYPE B 3/8" DIA. HILTI SLEEVE ANCHOR THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO CONCRETE fc'=3000 PSI MIN. 1 1/4" MIN. EMBED, 3 1/4" MIN. EDGE DISTANCE.

TYPE B1 3/8" DIA. HILTI SLEEVE ANCHOR THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO GROUT FIELD CONCRETE BLOCK fm'=2000 PSI MIN. 1 1/4" MIN. EMBED, 3 1/2" MIN. EDGE DISTANCE.

TYPE C 3/8" DIA. SLEEVE ANCHOR BY 'WEJ-IT' THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO CONCRETE fc'=4000 PSI MIN. 2 3/8" MIN. EMBED, 2 3/8" MIN. EDGE DISTANCE.

TYPE C1 3/8" DIA. SLEEVE ANCHOR BY 'WEJ-IT' THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO GROUT FILLED CONCRETE BLOCK fm'=2000 PSI MIN. 1 1/4" MIN. EMBED, 2 3/8" MIN. EDGE DISTANCE.

TYPE D 3/8" DIA. SLEEVE ANCHOR BY 'POWERS' THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO CONCRETE fc'=2000 PSI MIN. 2 1/2" MIN. EMBED, 3 1/8" MIN. EDGE DISTANCE.

TYPE D1 3/8" DIA. SLEEVE ANCHOR BY 'POWERS' THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO GROUT FILLED CONCRETE BLOCK fm'=2000 PSI MIN. 2" MIN. EMBED, 3 1/8" MIN. EDGE DISTANCE.

TYPE E 5/16" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS) OR ST/ST THRU EMA (EXISTING MASONRY ANCHOR) INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.) STEEL : Fy=36 KSI MIN. ALUMINUM:6063-T5 MIN. (STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED) 5/8" MIN. EDGE DISTANCE

TYPE G WIRE ANCHOR (FA3030) (FY=60KSI.) MIN. 10" LG HEAD/JAMB TO BE GROUT FILLED (2000 PSI MIN) 0.173 DIA. STEEL WIRE ANCHORS EMBED INTO GROUT FILLED CONCRETE BLOCK fm'=2000 PSI MIN.

TYPE H 3/8" POWERS WEDGE BOLT ANCHOR BY 'POWERS' THRU EMA (EXISTING MASONRY ANCHOR) DIRECTLY INTO CONCRETE fc'=3000 PSI MIN. 1 1/2" MIN. EMBED, 3 1/4" MIN. EDGE DISTANCE

TYPICAL ANCHORS @ THRESHOLD:

TYPE F 1/4" DIA. ULTRACON+BY "DEWALT" (Fy=148 ksi Fu=164 ksi) DIRECTLY INTO CONCRETE fc'=3000 PSI MIN. 1-1/2" MIN. EMBED, 2-1/2" MIN. EDGE DISTANCE

TYPE F1 1/4" DIA. TOPCON BY "ELCO" (Fy=100 ksi Fu=125 ksi) DIRECTLY INTO CONCRETE fc'=3000 PSI MIN. 1-1/2" MIN. EMBED, 2-1/2" MIN. EDGE DISTANCE

TYPICAL ANCHORS @ FRAME JAMB BOTTOM CORNER:

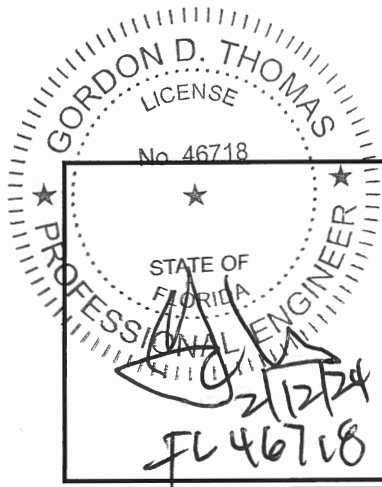
TYPE F2 1/4" DIA. ULTRACON+ BY "DEWALT" (Fy=148 ksi Fu=164 ksi) 5/16" DIA. ULTRACON BY "DEWALT" (Fy=155 ksi Fu=177 ksi) DIRECTLY INTO CONCRETE fc'=3000 PSI MIN. 1-1/2" MIN. EMBED, 2-1/2" MIN. EDGE DISTANCE

PRODUCT REVISED  
as complying with the Florida  
Building Code

NOA-No. 23-1207.15


Expiration Date 10/02/2027

By Ishag I. Chande  
Miami-Dade Product Control



REVISIONS		DESCRIPTION
NO.	DATE	
1	10/18/2023	2023 FBC UPDATE

GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LMI&SMI)

**gensteel**doors

www.gensteeldoors.com

4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6

Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	10/18/2023
SCALE	NTS.
DRAWN	
PROJECT	

DRAWING NO.  
AD15-35

SHEET 1 OF 12

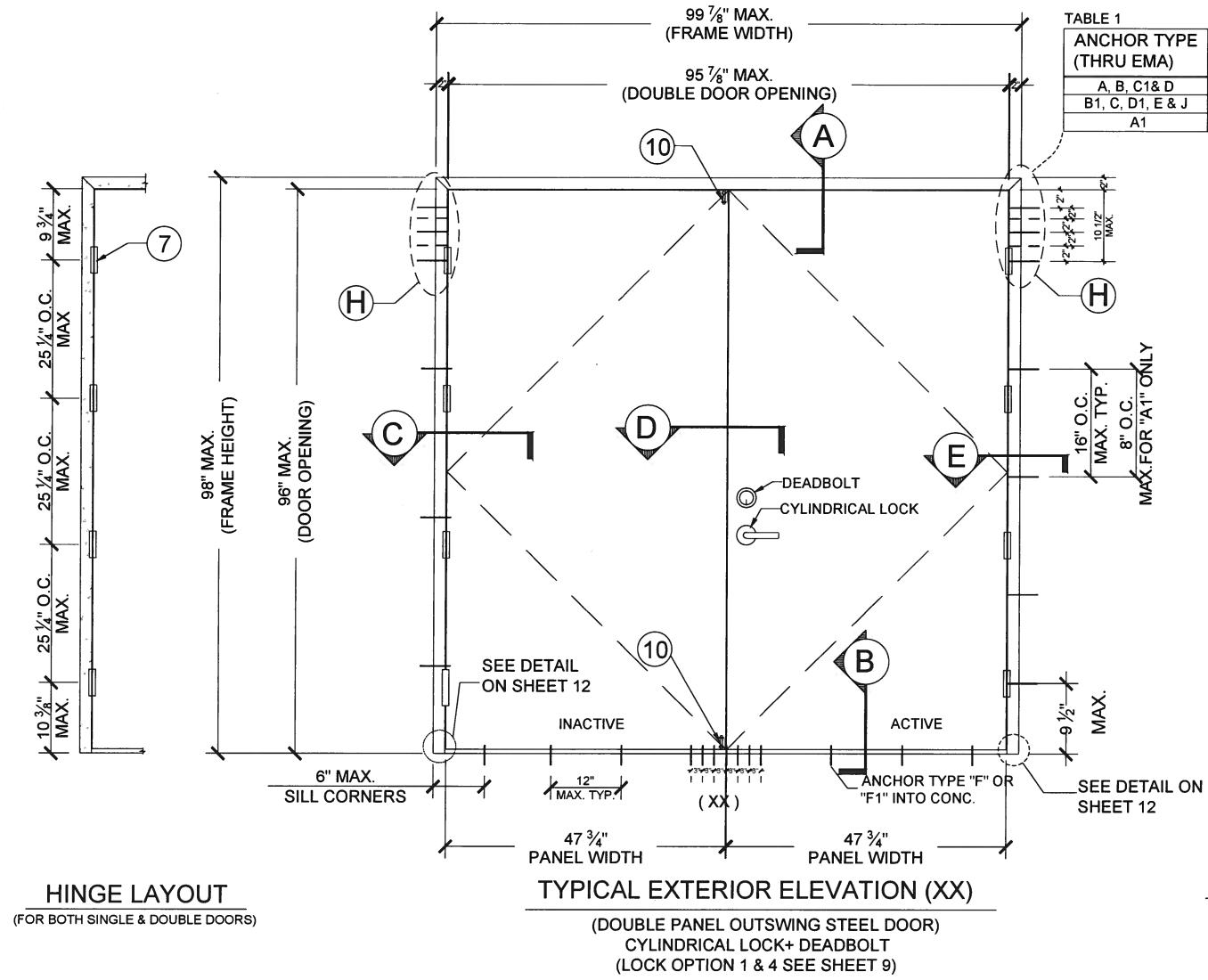
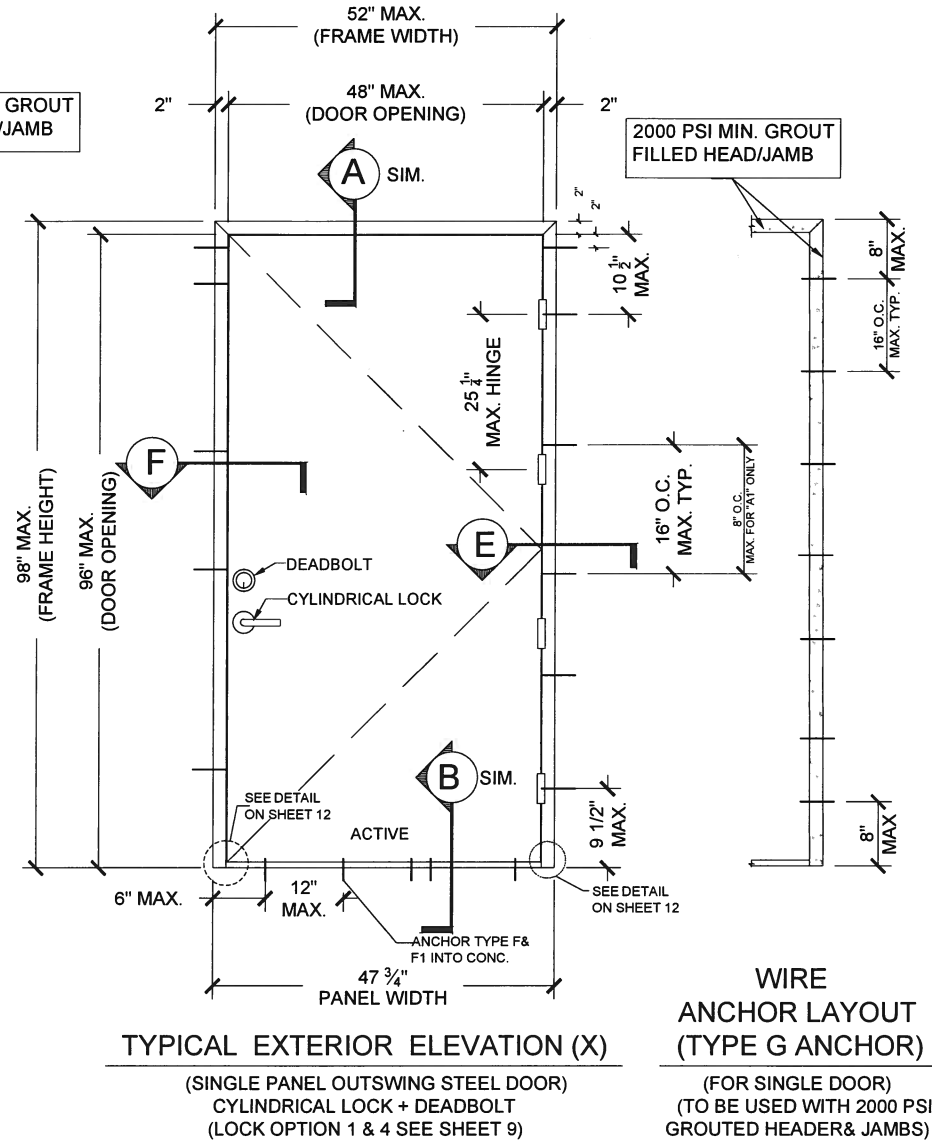


TABLE 1

ANCHOR TYPE (THRU EMA)	NUMBER OF REQ'D ANCHOR
A, B, C1 & D	2
B1, C, D1, E & J	3
A1	5

2000 PSI MIN. GROUT FILLED HEAD/JAMB

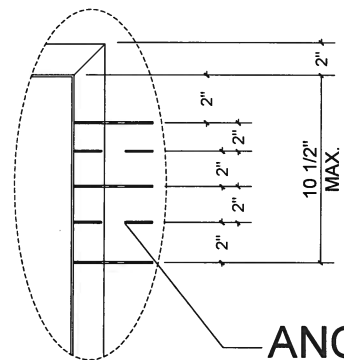
**WIRE ANCHOR LAYOUT (TYPE G ANCHOR)**  
(FOR DOUBLE DOOR)  
(TO BE USED WITH 2000 PSI GROUTED HEADER & JAMBS)



DESIGN LOADS  
(FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)

+90.0 PSF
-90.0 PSF

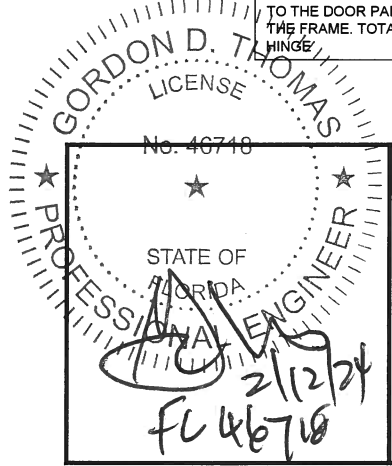
HINGES:  
STEEL BUTT HINGES 4 PER LEAF  
TO BE FASTENED BY (4) #12-24 X 1/2\"/>



**H**

**ANCHOR TYPE A1 ONLY**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
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Expiration Date 10/02/2027  
By Ishaq I. Chande  
Miami-Dade Product Control



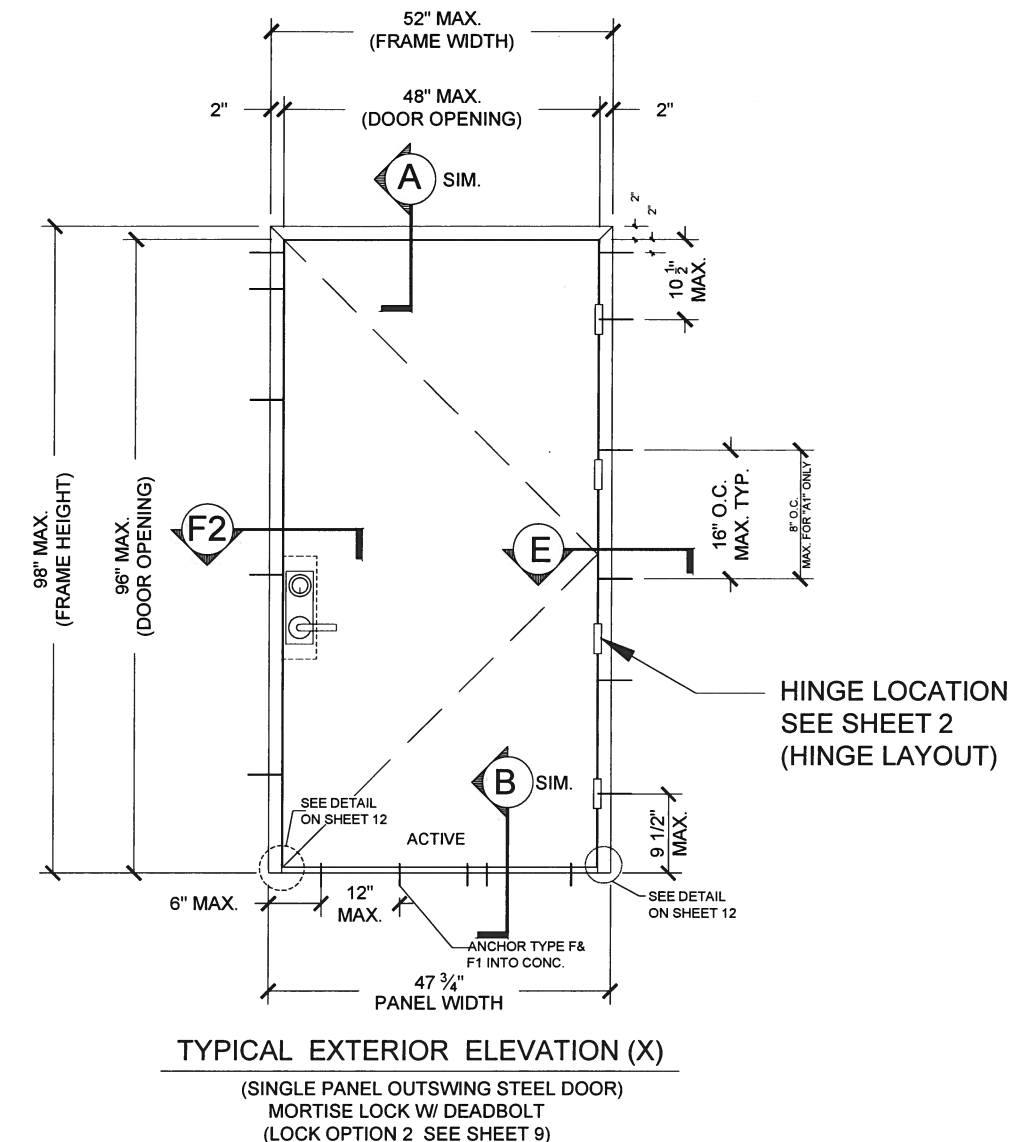
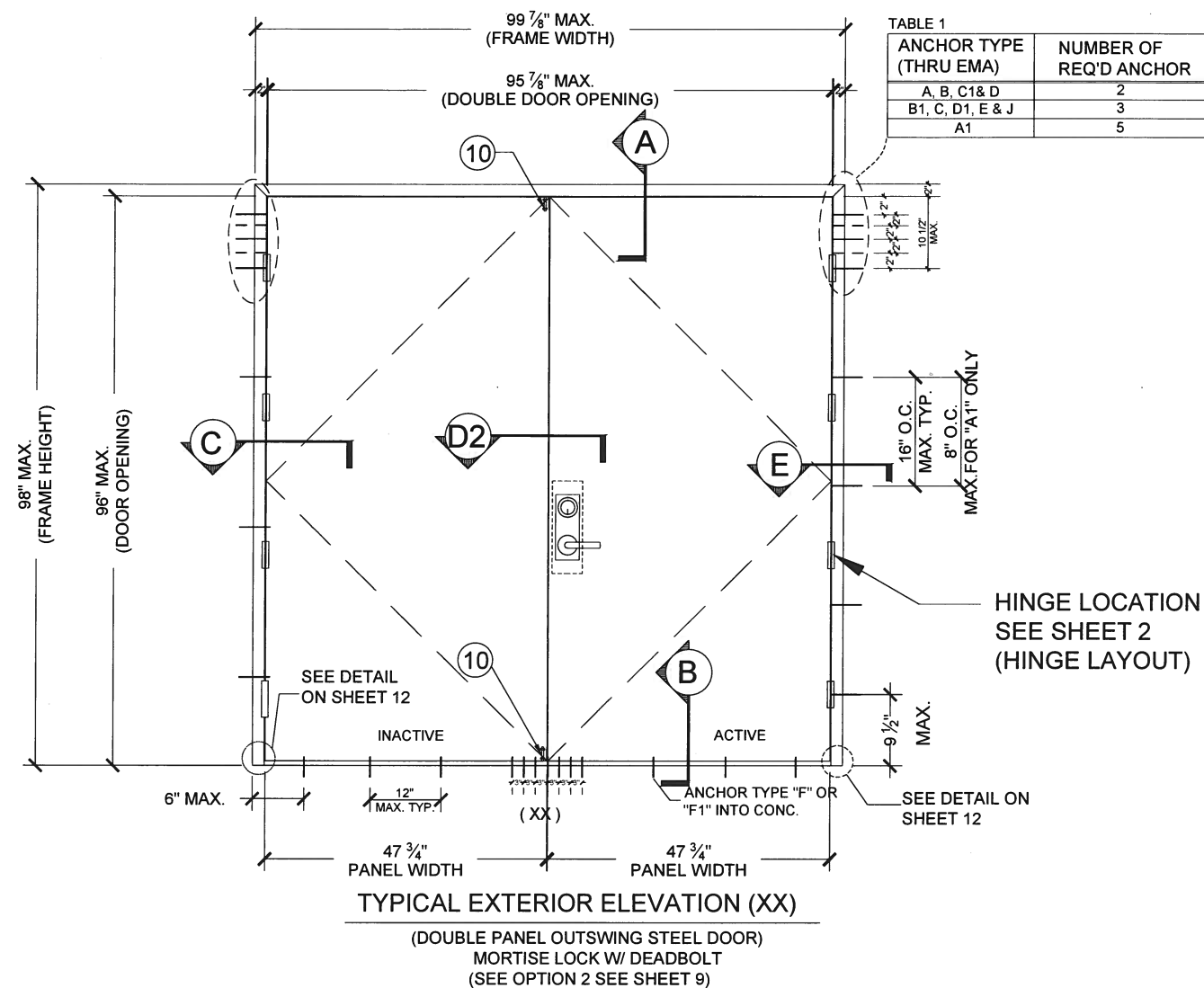
REVISIONS

NO.	DATE	DESCRIPTION
1	10/18/2023	2023 FBC UPDATE

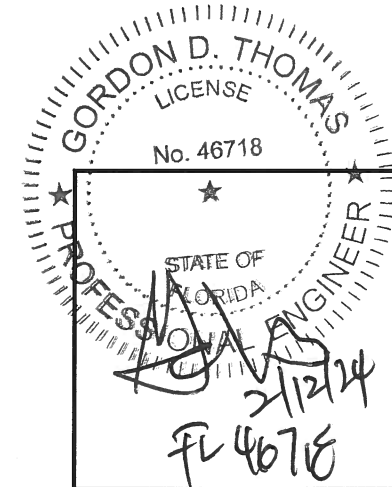
**Gensteel**doors  
www.gensteeldoors.com  
4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	10/18/2023
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REVISIONS		
NO.	DATE	DESCRIPTION
1	10/18/2023	2023 FBC UPDATE

GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LM&SMI)

**gensteeldoors**  
www.gensteeldoors.com

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

DATE	10/18/2023
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AD15-35	
SHEET 3 OF 12	



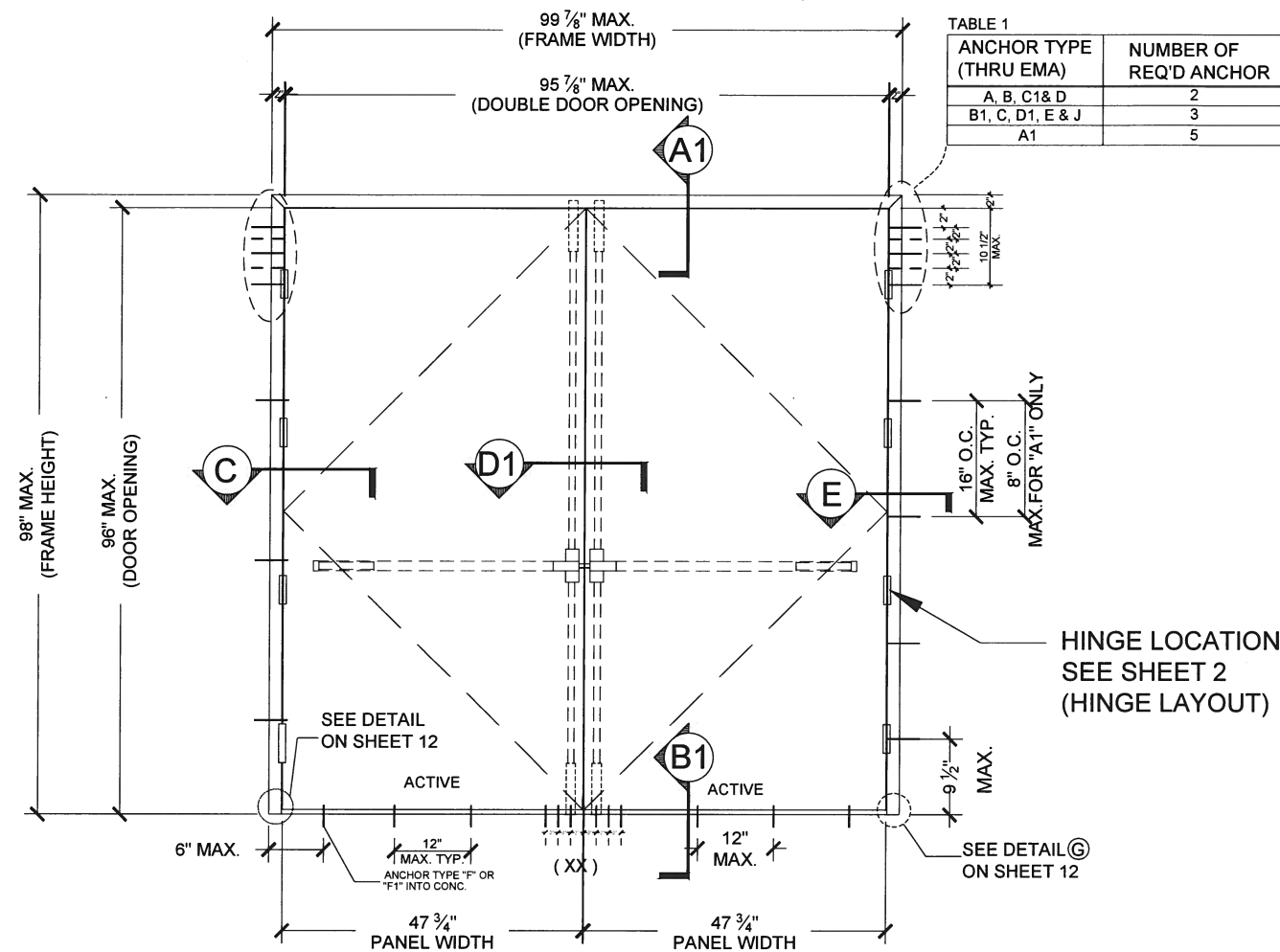
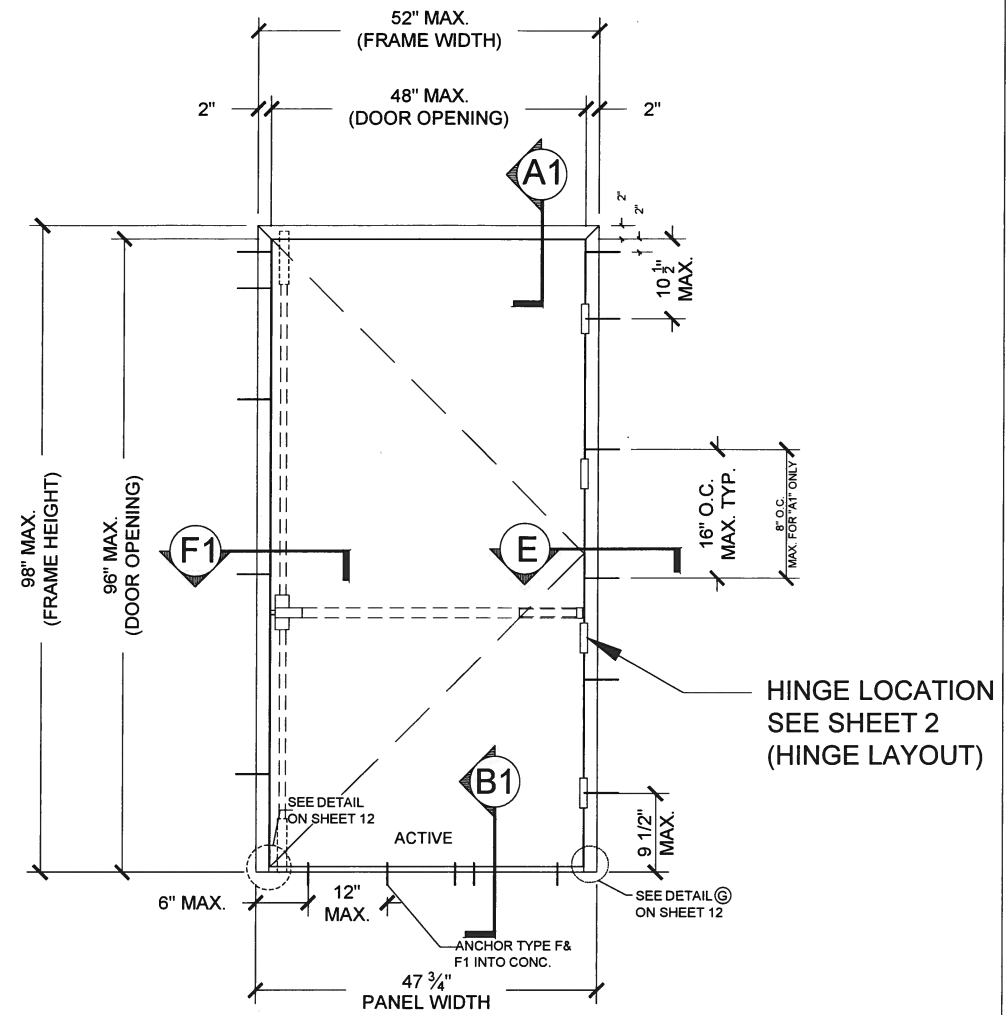


TABLE 1

ANCHOR TYPE (THRU EMA)	NUMBER OF REQ'D ANCHOR
A, B, C1 & D	2
B1, C, D1, E & J	3
A1	5

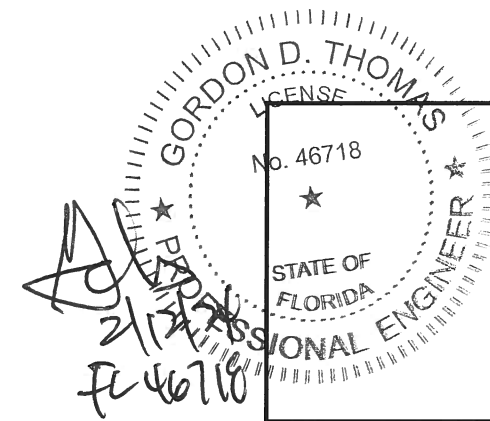
**TYPICAL EXTERIOR ELEVATION (XX)**  
 (DOUBLE PANEL OUTSWING STEEL DOOR)  
 SURFACE VERTICAL ROD (SVR)  
 (LOCK OPTION 3 AT INTERIOR SIDE SEE SHEET 9)

<b>DESIGN LOADS</b> (FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)
+90.0 PSF
-90.0 PSF



**TYPICAL EXTERIOR ELEVATION (X)**  
 (SINGLE PANEL OUTSWING STEEL DOOR)  
 SURFACE VERTICAL ROD (SVR)  
 (LOCK OPTION 3 & 5 AT INTERIOR SIDE SEE SHEET 9)

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 23-1207.15  
 Expiration Date 10/02/2027  
 By Ishaq I. Chande  
 Miami-Dade Product Control



NO.	DATE	DESCRIPTION
1	10/18/2023	2023 FBC UPDATE

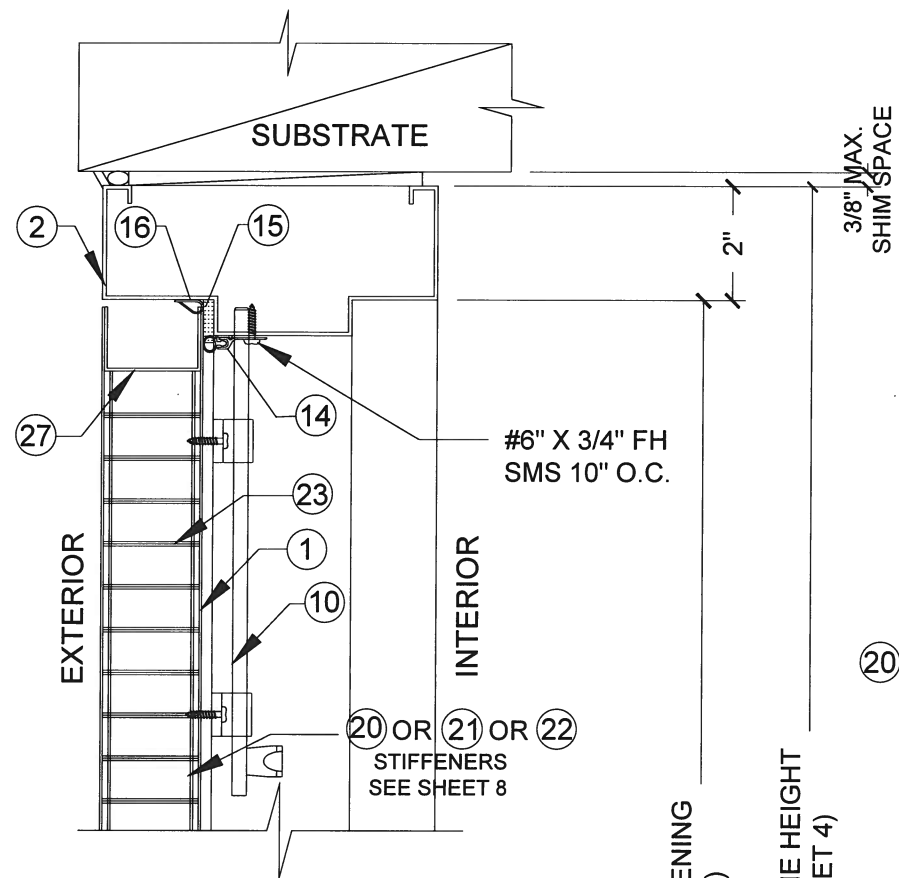
GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LMI&SMI)

**gensteeldoors**  
 www.gensteeldoors.com

4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
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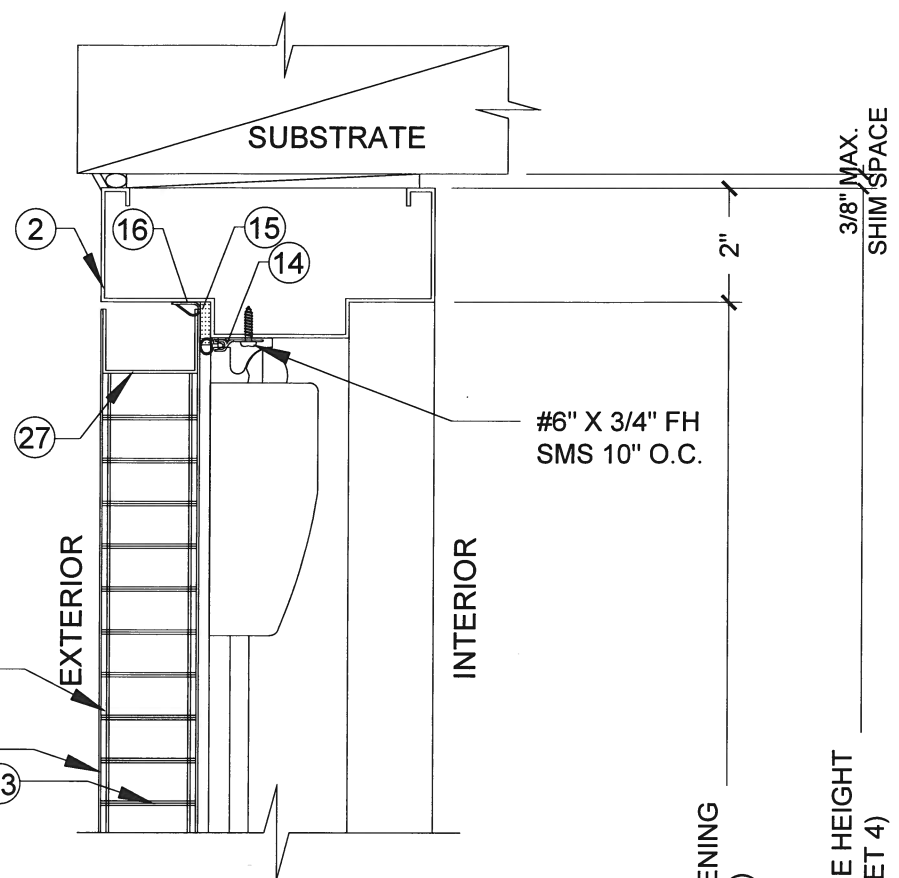
DATE	10/18/2023
SCALE	NTS.
DRAWN	
PROJECT	

DRAWING NO.
AD 5-35
SHEET 4 OF 12



HEAD DETAIL

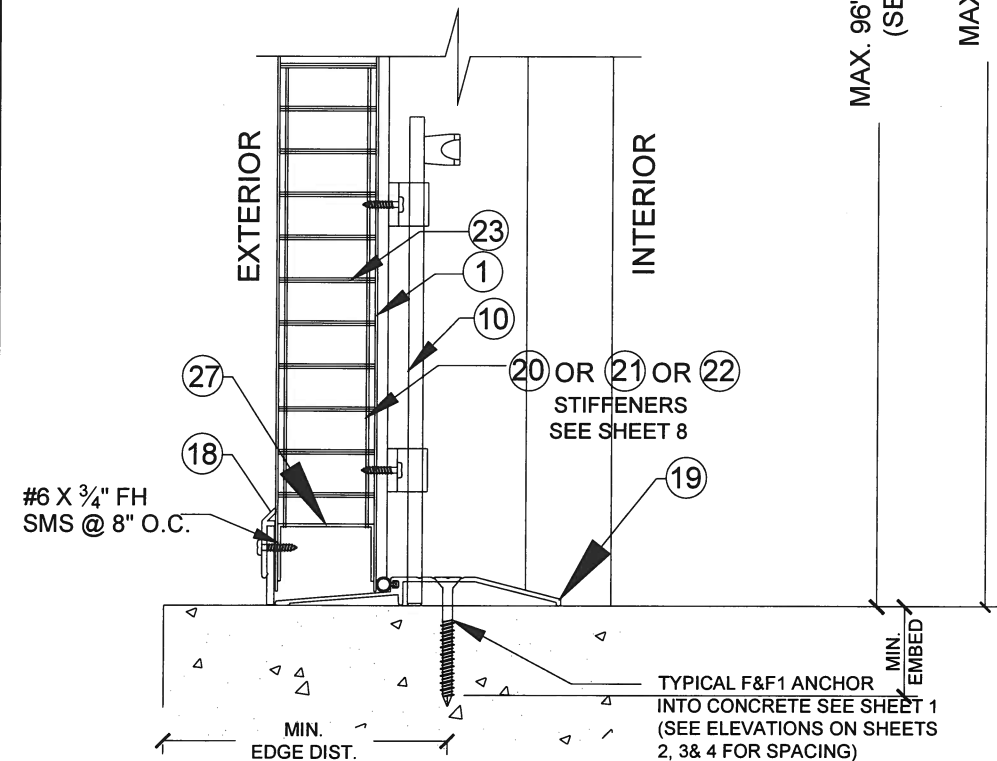
A



HEAD DETAIL  
OPTION

A1

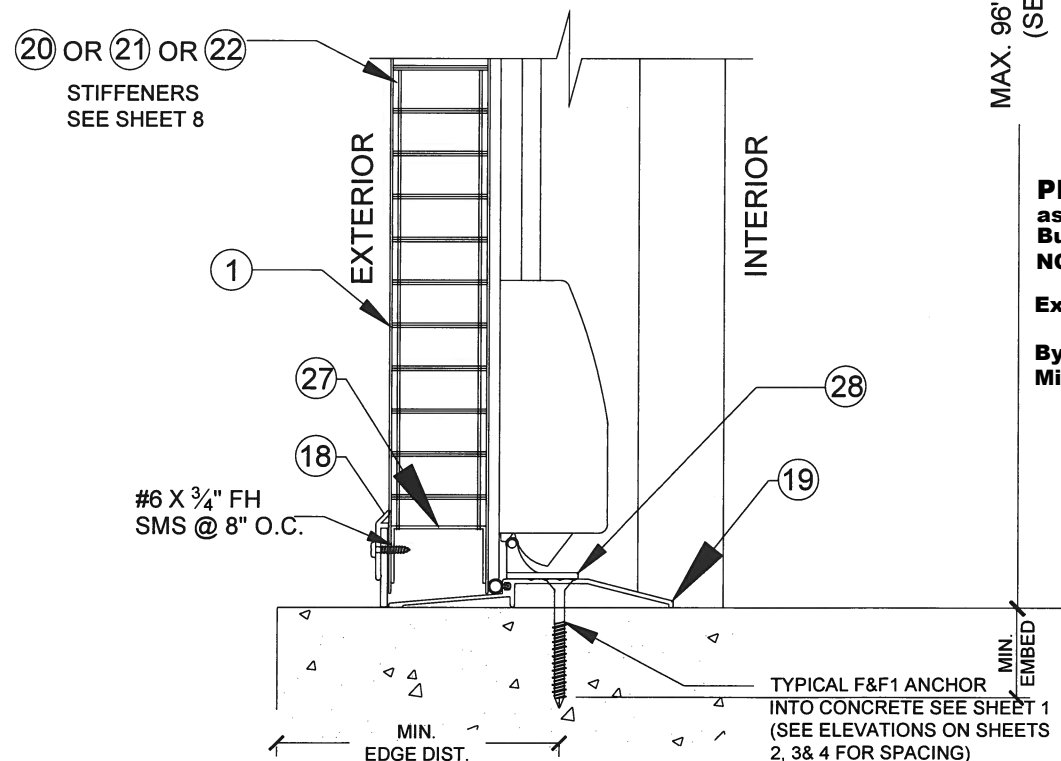
SEE SHEET 9 OF 12  
FOR LOCK OPTIONS  
FOR DIFFERENT HARDWARE  
(SINGLE AND DOUBLE DOORS)



TYPICAL NGP 950V THRESHOLD

OPTION  
NON-WATER RATED  
(DETAIL AT ACTIVE PANEL SVR)

B

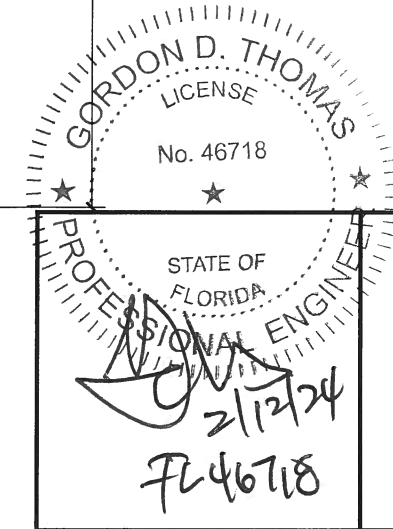


TYPICAL NGP 950V THRESHOLD

OPTION  
NON-WATER RATED  
(DETAIL AT ACTIVE PANEL SVR)

B1

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as complying with the Florida  
Building Code  
NOA-No. 23-1207.15  
Expiration Date 10/02/2027  
By Ishaq I. Chanda  
Miami-Dade Product Control



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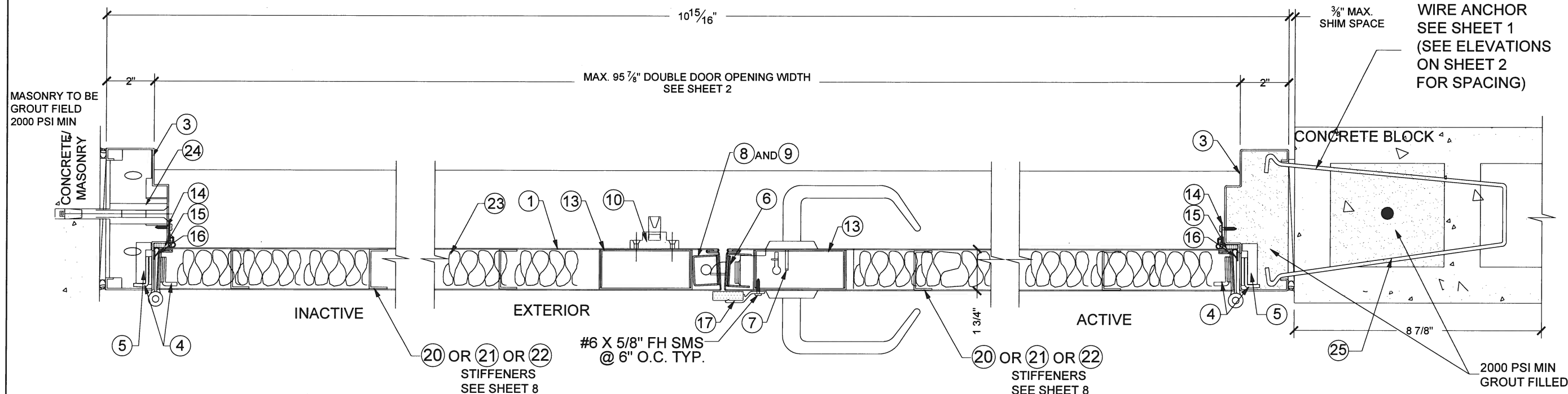
GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LMI&SMI)

**gensteeldoors**  
www.gensteeldoors.com

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

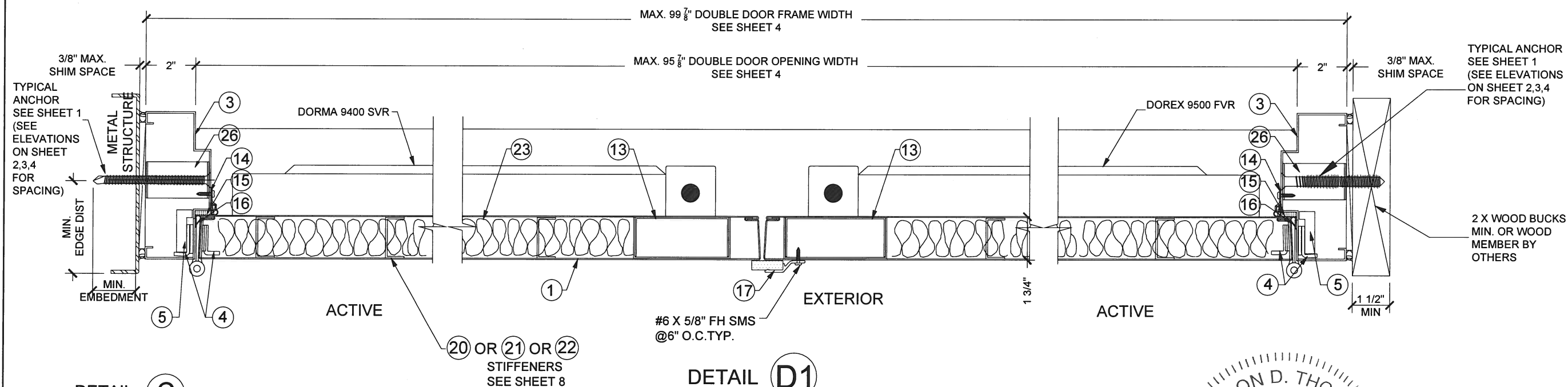
DATE	10/18/2023
SCALE	NTS.
DRAWN	
PROJECT	

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SHEET 5 OF 12	

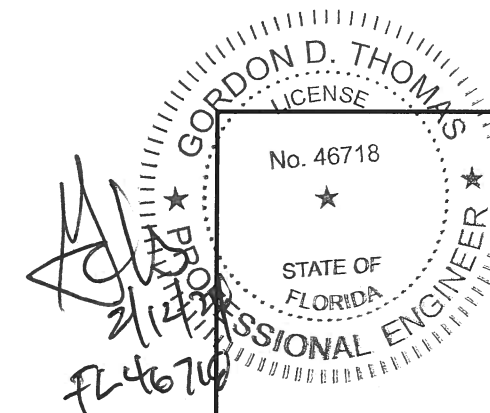


**LOCK OPTION #1 & 4**  
**CYLINDER LOCK W/DEADBOLT**  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)

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**LOCK OPTION #3**  
**SVR (SURFACE VERTICAL ROD)**  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)



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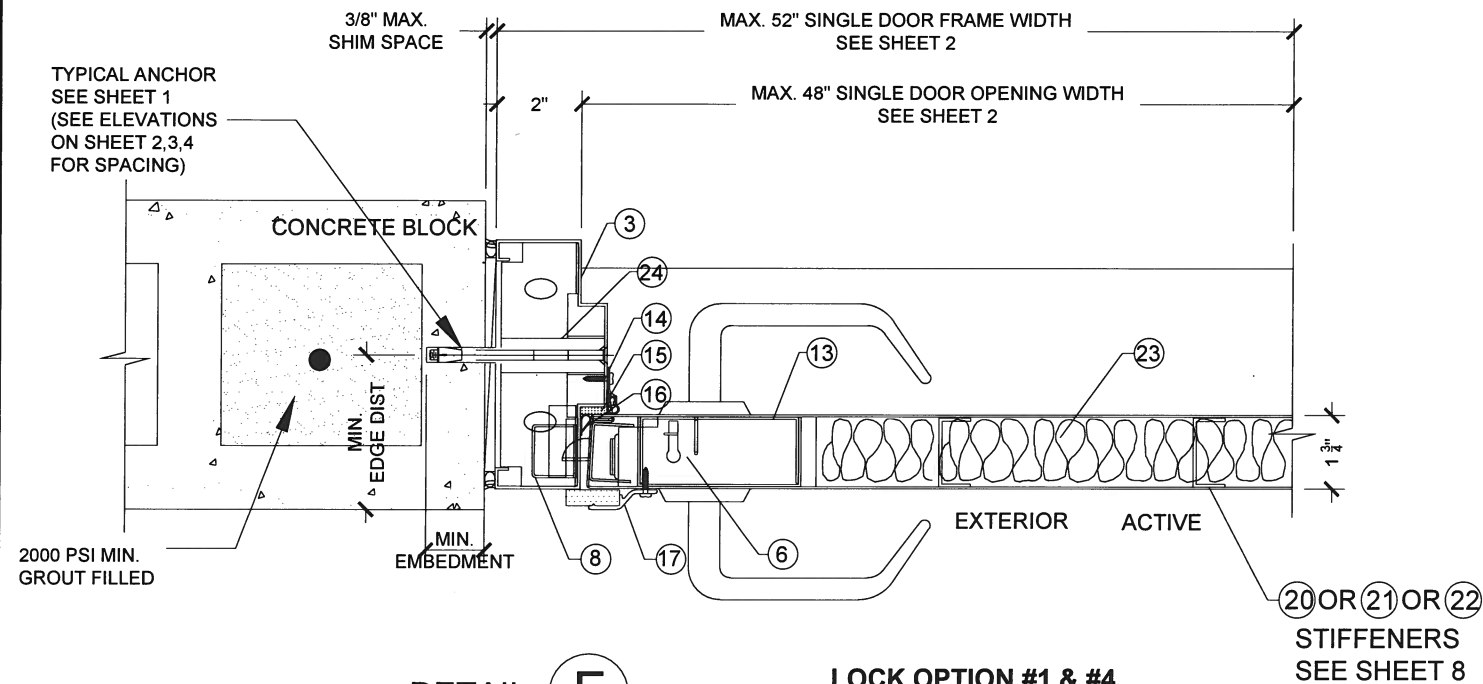
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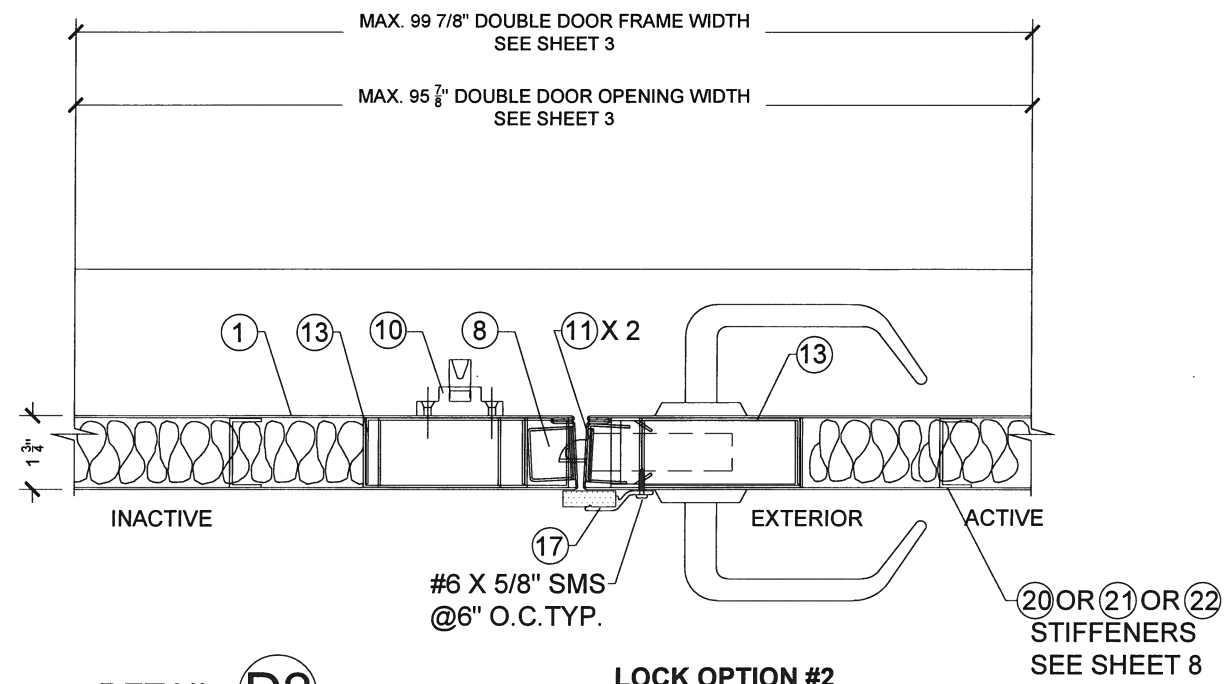
DATE	10/18/2023
SCALE	NTS.
DRAWN	
PROJECT	

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SHEET	6 OF 12

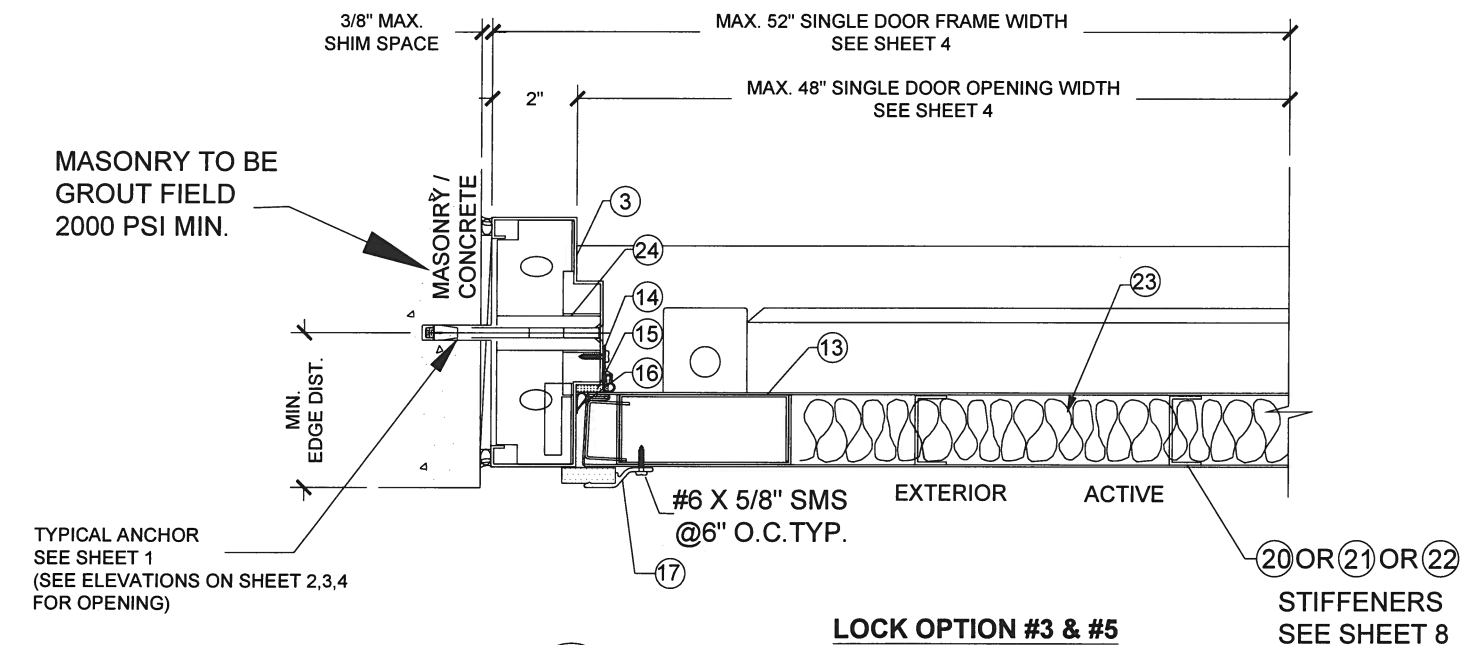




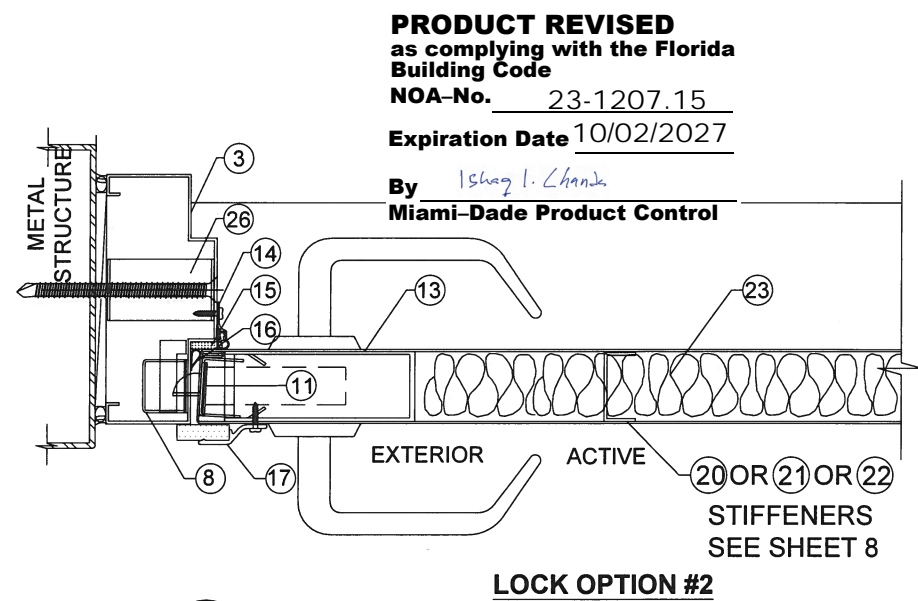
**DETAIL F**  
**LOCK OPTION #1 & #4**  
 CYLINDER LOCK W/ DEADBOLT  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)



**DETAIL D2**  
**LOCK OPTION #2**  
 MORTISE LOCK W/DEADBOLT  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)

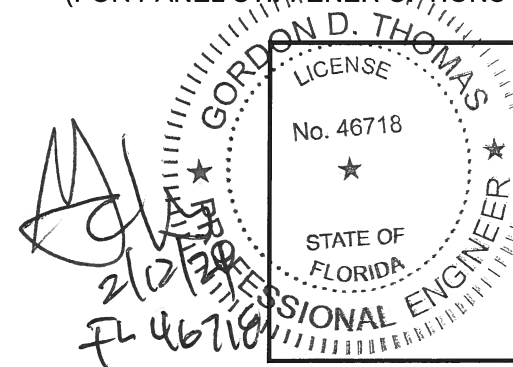


**DETAIL F1**  
**LOCK OPTION #3 & #5**  
 SVR (SURFACE VERTICAL ROD)  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)



**DETAIL F2**  
**LOCK OPTION #2**  
 MORTISE LOCK W/DEADBOLT  
 (FOR PANEL STIFFENER OPTIONS SEE SHEET 8)

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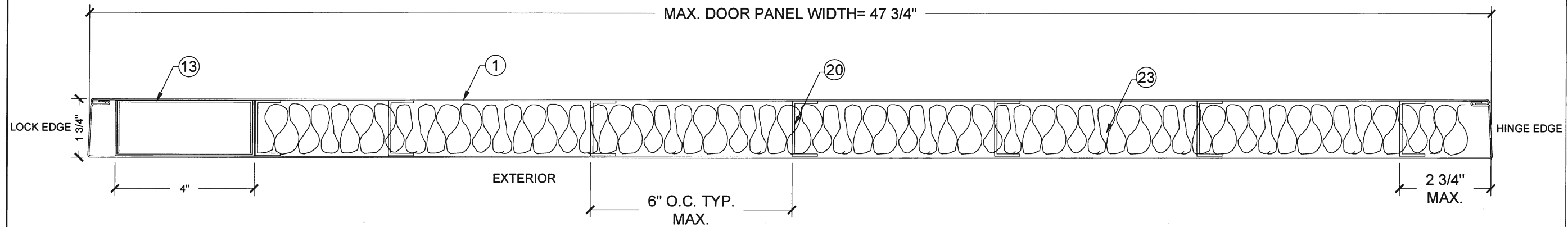
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 Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	10/18/2023
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DRAWN	
PROJECT	

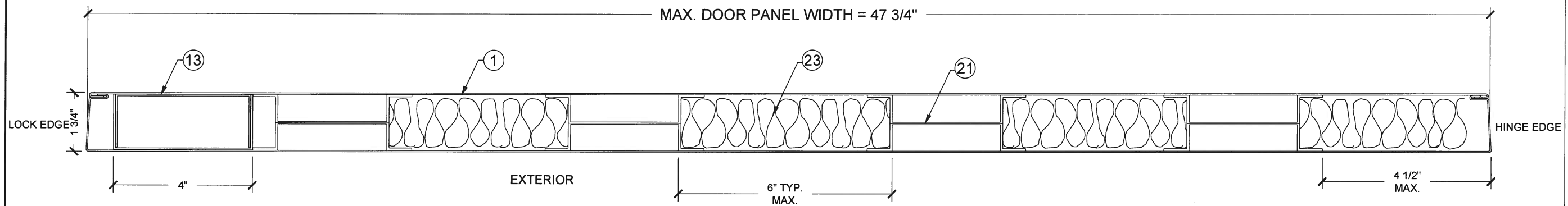
DRAWING NO.  
 AD15-35

SHEET 7 OF 12

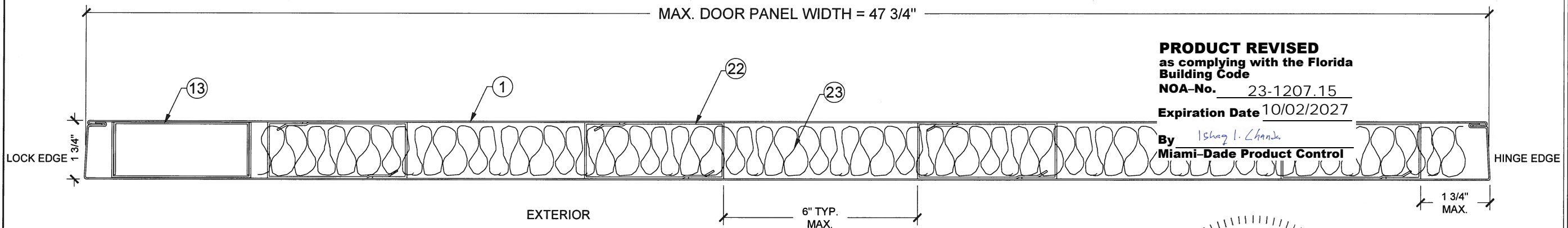




**STIFFENER OPTION #1**  
20 GA LAMINATED STIFFENER



**HAT STIFFENER OPTION #2**  
20 GA WELDED STIFFENER

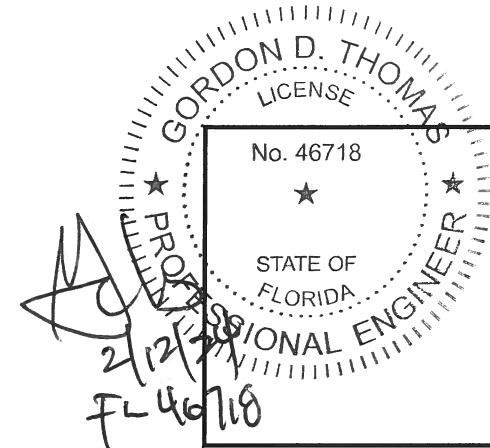


**STIFFENER OPTION #3**  
20 GA **PRODUCT REVISED**  
as complying with the Florida  
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By Ishag I. Chanda  
Miami-Dade Product Control

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Miami-Dade Product Control

FOR ILLUSTRATION PURPOSES

NOTE:  
STIFFENER OPTION #1,2 & 3 APPLICABLE  
FOR ANY LOCK OPTION W/CORE OPTIONS



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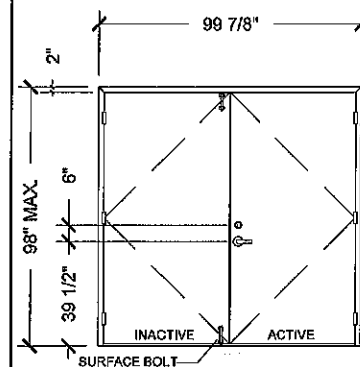
GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LMI&SMI)

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## OPTION 1

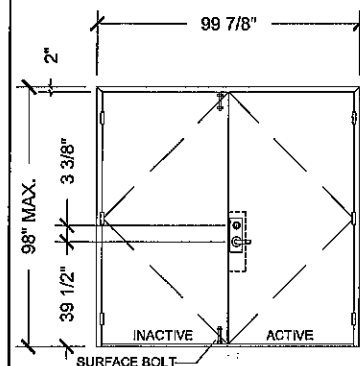
### DOUBLE DOOR

#### ACTIVE LEAF:

DOREX GX1L SURFACE MOUNT CYLINDER LOCK SET W/ (2) 12-24 X 2 5/8" FH MS AND (2) 8 X 1 1/4" FH MULTI THREAD SCREW, DOREX GX1A SURFACE MOUNT METALLIC DEADBOLT W/ (2) 10-32 X 1 1/2" OH MS AND (2) 8 X 3/4" FH MULTI THREAD SCREW

#### INACTIVE LEAF:

IVES SB360 SURFACE BOLT W/ (4) 10-24 X 1 1/4" OH MS (TOP & BOTTOM), (2) FLUSH MOUNT METALLIC STRIKE PLATE EACH W/ (2) 8 X 3/4" FH MULTI THREAD SCREW



## OPTION 2

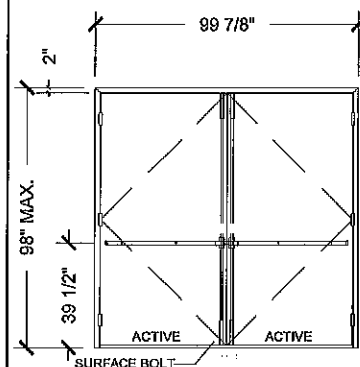
### DOUBLE DOOR

#### ACTIVE LEAF:

DOREX DM45L MORTISE LOCK W/DEADBOLT SERIES LOCK SET W/(2) 12 X 3/4" FH MULTI THREAD SCREW HANDLE W/(2) #8-32 X 7/8" FH MS, KEY OPERATOR W/(2) 10X3/4" FH SDS

#### INACTIVE LEAF:

IVES SB360 SURFACE BOLTS (TOP & BOTTOM) W/ (4) 10-24 X 1 1/4" OH MS STRIKE FOR LOCKSET W/(2) 10 X 3/4" FH MULTI THREAD SCREW



## OPTION 3

### DOUBLE DOOR

#### OPTION 3.1

#### ACTIVE LEAF/INACTIVE LEAF:

DOREX 9500 FV SERIES SURFACE MOUNT METALLIC 2 POINT LOCK SYSTEM W/ ACTIVATING PANIC DEVICE AND VERTICAL RODS ON INTERIOR W/(4) 10-24 X 1 1/4" OH MS; (2) 10-24 X 1" PH SELF DRILLING MS; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#9500A5227) AT FRAME HEAD ATTACHED W/(2) 10-24 X 3/4" FH MS; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#9500A5233) AT THRESHOLD ATTACHED W/(2) 10 X 1" FH SMS

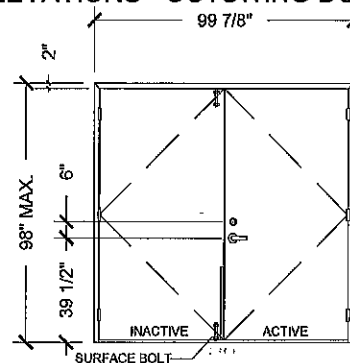
#### OPTION 3.2

#### ACTIVE LEAF/INACTIVE LEAF:

STRIKE FOR LOCKSET, DORMA 9400 SURFACE MOUNT METALLIC 2 POINT LOCK SYSTEM W/ACTIVATING PANIC DEVICE AND VERTICAL RODS ON INTERIOR W/ (4) 12-24 X 1 1/2" FH MS; (2) 12-24 X 3/4" PH MS; (2) 12-24 X 3/4" OH MS AND SEX BOLT; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#426) AT FRAME HEAD ATTACHED W/(2) 12-14 X 3/4" OH MS; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#439) AT THRESHOLD ATTACHED WITH SILICONE

# LOCK OPTIONS

## EXTERIOR ELEVATIONS - OUTSWING DOORS



## OPTION 4

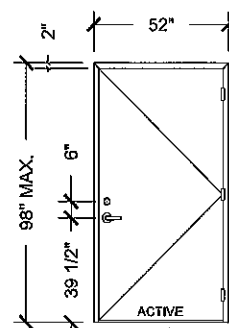
### DOUBLE DOOR

#### ACTIVE LEAF:

DORMA CL700 CYLINDRICAL LOCKSET W/(2) 8-32 X 1 3/8" PH MS AND (2) 8 X 3/4" FH MULTI THREAD SCREW DORMA DB660 MORTISE DEADBOLT W/ (2) 10-32 X 2 9/16" OH MS AND (2) 8 X 3/4" FH MULTI THREAD SCREW

#### INACTIVE LEAF:

IVES SB360 SURFACE BOLTS (TOP & BOTTOM) W/ (4) 10-24 X 1 1/4" OH MS DEADBOLT STRIKE PLATE W/(2) 8 X 3/4" FH MULTI THREAD SCREW STRIKE PLATE W/ (2) 12X1" FH MULTI THREAD SCREW



## OPTION 1

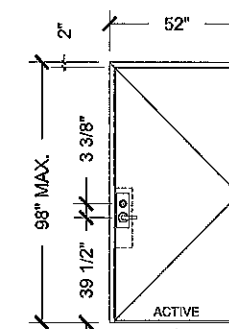
### SINGLE DOOR

#### ACTIVE LEAF:

DOREX GX1L SURFACE MOUNT CYLINDER LOCK SET W/(2) 12-24 X 2 5/8" FH MS AND (2) 8 X 1 1/4" FH MULTI THREAD SCREW, DOREX GX1A SURFACE MOUNT METALLIC DEADBOLT W/(2) 10-32 X 1 1/2" OH MS AND (2) 8 X 3/4" FH MULTI THREAD SCREW

#### AT FRAME JAMB:

(2) FLUSH MOUNT METALLIC STRIKE PLATE EACH W/(2) 8 X 3/4" FH MULTI THREAD SCREW



## OPTION 2

### SINGLE DOOR

#### ACTIVE LEAF:

DOREX DM45L SERIES LOCK SET W/ (2) 12 X 3/4" FH MULTI THREAD SCREW HANDLE W/(2) #8-32 X 7/8" FH MS, KEY OPERATOR W/(2) 10X3/4" FH SDS,

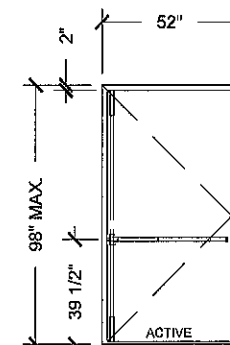
#### AT FRAME JAMB:

(2) FLUSH MOUNT METALLIC STRIKE PLATE EACH W/(2) 8 X 3/4" FH MULTI THREAD SCREW STRIKE FOR LOCKSET W/(2) 10X3/4" FH MULTI THREAD SCREW.

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as complying with the Florida  
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NOA-No. 23-1207.15

Expiration Date 10/02/2027

By Ishtag I. Chank  
Miami-Dade Product Control

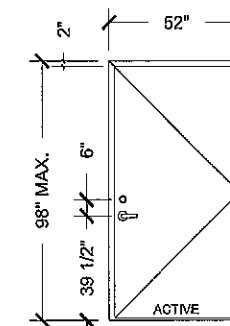


## OPTION 3

### SINGLE DOOR

#### ACTIVE LEAF:

DOREX 9500 FV SERIES SURFACE MOUNT METALLIC 2 POINT LOCK SYSTEM W/ ACTIVATING PANIC DEVICE AND VERTICAL RODS ON INTERIOR W/(4) 10-24 X 1 1/4" OH MS; (2) 10-24 X 1" PH SELF DRILLING MS; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#9500A5227) AT FRAME HEAD ATTACHED W/(2) 10-24 X 3/4" FH MS; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#9500A5233) AT THRESHOLD ATTACHED W/(2) 10X1" FH MS



## OPTION 4

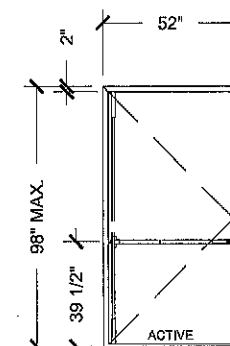
### SINGLE DOOR

#### ACTIVE LEAF:

DORMA CL700 CYLINDRICAL LOCKSET W/(2) 8-32 X 1 3/8" PH MS AND (2) 8X3/4" FH MULTI THREAD SCREW DORMA DB660 MORTISE DEADBOLT W/ (2) 10-32 X 2 9/16" OH MS AND (2) 8 X 3/4" FH MULTI THREAD SCREW.

#### AT FRAME JAMB:

DEADBOLT STRIKE PLATE W/(2) 8 X 3/4" FH MULTI THREAD SCREW STRIKE PLATE W/(2) 12 X 1" FH MULTI THREAD SCREW

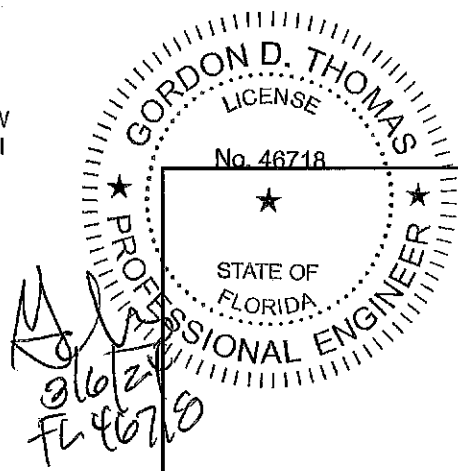


## OPTION 5

### SINGLE DOOR

#### ACTIVE LEAF:

DORMA 9400 SURFACE MOUNT METALLIC 2 POINT LOCK SYSTEM W/ ACTIVATING PANIC DEVICE AND VERTICAL RODS ON INTERIOR W/(4) 12-24 X 1 1/2" FH MS; (4) 12-24 X 3/4" PH MS; (2) 12-24 X 3/4" OH MS AND SEX BOLT; (1) SURFACE MOUNT METALLIC STRIKE PLATE (#439) AT THRESHOLD ATTACHED WITH SILICONE



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GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LM&SM)

**gensteel**doors

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SHEET 9 OF 12
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② & ③ FRAME HEAD AND JAMB  
18 GA (.048") STEEL **PR**

5 HR2000DUST BOX  
20 GA (.036")

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

**NOA-No.** 23-1207.15

**Expiration Date** 10/02/2027

By Ishaq I. Chander  
Miami-Dade Product

~~HOLES DRILLED  
AND TAPPED FOR  
#12-24 SCREWS~~

20GA STRAP REINFORCEMENT

18GA BARREL SUPPORT

18GA EDGE REINFORCEMENT

HOLES DRILLED AND TAPPED FOR #8-32 SCREWS

Technical drawing of a vertical rectangular assembly, likely a component of a structural frame. The drawing shows a perspective view of a rectangular box with a top flange and a bottom flange. The dimensions are as follows:

- Top flange width: 1.250"
- Top flange height: 0.250"
- Side height: 3.500"
- Bottom flange height: 1.000"
- Bottom flange width: 1.250"
- Internal height: 4.250"

Labels and features:

- 18 GAUGE REINFORCEMENT (pointing to the top flange)
- HOLES DRILLED AND TAPPED FOR #12-24 SCREWS (pointing to the bottom flange)

Isometric view of the front panel of the enclosure. Dimensions shown are 1.562" (height), 1.250" (width), 4.250" (height), and 1.000" (width). Callouts indicate "18 GAUGE REINFORCEMENT" and "HOLES DRILLED AND TAPPED FOR #12-24 SCREWS".

10 GA. MORTISE  
LOCK EDGE  
REINFORCEMENT

HOLE DRILLED  
AND TAPPED FOR  
#12-24 SCREW

5.9375"  $\pm 0.125$ "

20 GAUGE STEEL

SPOT WELDED TO DOORS SKINS

1.252"

SPOT WELDED TO DOORS SKINS

Technical drawing of a rectangular plate. The dimensions are 4.5625" ± 0.125" in width and 1.668" in height. The plate is labeled "20 GAUGE STEEL" on the left. Two welds are indicated: "SPOT WELDED TO DOORS SKINS" at the top and bottom edges, with arrows pointing to the weld locations.

21 WS 2000 20GA (.036")  
STIFFENER

22 WS 1000 20GA (.036")  
STIFFENER

18 GAUGE STEEL

4"

1.668"

Technical drawing of a bent plate. The drawing shows two views of the plate. The top view is a rectangular plate with a circular hole in the center. The dimensions are 2.000" (width) and 2.500" (length). The bottom view shows the plate bent into a U-shape. The dimensions are 2.000" (width of the flange) and 3.625" (height of the bend).

Technical drawing of a tapered metal plate. The dimensions are: 10.0236" (top width), 2.125" (height), and 0.173"  $\phi$  (thickness).

14 NGP 106S  
PERIMETER SEAL

#10-14 X 1 1/4"  
OH MS

2 1/32"  
(52)

1 1/16"  
(37)

9/16"  
(19)

8 3/4"  
(218)

PRESS PRESS

5/8"

10 IVES SB360  
SURFACE BOLT

Technical drawing of a U-shaped channel. The vertical dimension is labeled 0.8125" and the horizontal dimension is labeled 1.625".

Technical drawing of a rectangular plate. The width is dimensioned as 4" TO 5". The height is dimensioned as 4.500". The plate features a central vertical slot. There are eight circular fasteners, each marked with a crosshair, arranged in two columns of four on either side of the central slot. A leader line points to one of the fasteners with the text: #12-24 FH MS (ALPER 15AE).

Technical drawing of a mechanical part showing top and side views with dimensions:

- Top View:**
  - Overall width:  $1\frac{13}{16}"$
  - Overall height:  $\frac{5}{8}"$
  - Distance between hole centers:  $2.375"$
  - Each hole is  $(2)\frac{5}{16}"$  DIA. X DEEP HOLES.
- Side View:**
  - Overall height:  $0.500"$
  - Overall width:  $2.375"$
  - Shows the profile of the part, including the raised ends and the central recessed area.

Technical drawings of the 426 TOP STRIKE engine, showing front, side, and top views with dimensions and component labels.

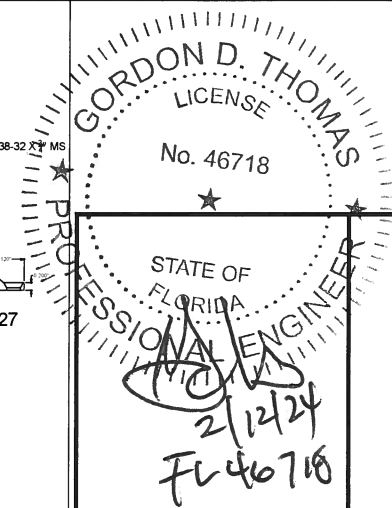
**Front View (Top Left):** Shows the engine block with dimensions 1 1/2" (width) and 1/2" (height). Labels A and B are present on the left and right sides.

**Side View (Bottom Left):** Shows the engine block with dimensions 1/4" (width) and 2 5/8" (height). Labels A, B, A, B, C, and C are present on the left and right sides.

**Top View (Bottom Right):** Shows the engine block with dimensions 2 5/8" (width) and 1 1/16" (height). Labels A, B, C, and C are present on the left and right sides. A circular feature is shown with a dimension of 3/4" and a label 426 TOP STRIKE.

The image contains two technical drawings of door strike components. The left drawing is for the DOREX 9500AS233 model, showing a side view with dimensions: 2.750" total width, 0.750" segments, 0.375" hole diameter, 1.540" height, 0.750" mounting hole diameter, 1.030" mounting hole offset, 1.031" hole offset, 0.485" bottom offset, and 0.105" thickness. It also shows a top view of the strike with a 1.00" width and a note 'FOR 1/4-20X1 1/2 SCREW'. The right drawing is for the DOREX 9500AS227 model, showing a side view with dimensions: 2.250" total width, 0.750" segments, 1.125" hole diameter, 1.125" mounting hole diameter, 1.125" mounting hole offset, 1.125" hole offset, 1.125" bottom offset, and 1.125" thickness. It also shows a top view of the strike with a 1.125" width and a note 'FOR 38-32 X 1/2 SCREW'.

**30 DOREX 9500 STRIKE**  
DOREX



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GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LMI&SMI)

**Gensteel Doors**  
4950 Hickmore St | Laurent Quebec Canada H4L

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

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AD1 5-35

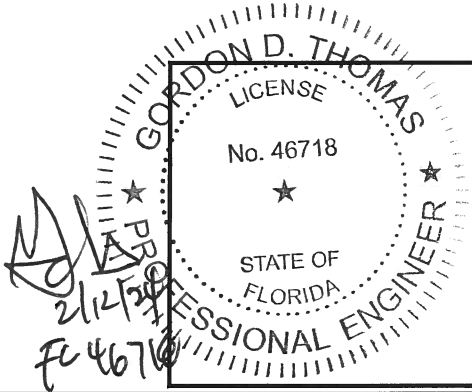
SHEET 10 OF 12



# BILL OF MATERIAL

ITEM	PART NO.	MATERIAL	QTY.	DESCRIPTION	MANUFACTURER/SUPPLIER/REMARKS
1	—	STEEL OR ST/ST	2 PER PANEL	DOOR PANEL SKIN	GENSTEEL 20GA.(0.038"MIN.)Fy=50 KSI MIN. Fu=53 KSI MIN.
2	—	STEEL OR ST/ST	1	FRAME HEAD 5 7/8" X2	GENSTEEL 18GA.(0.048"MIN.)Fy=50 KSI MIN. Fu=53 KSI MIN.
3	—	STEEL OR ST/ST	2	FRAME JAMB 5 7/8" X2	GENSTEEL 18GA.(0.048"MIN.)Fy=50 KSI MIN. Fu=53 KSI MIN.
4	HR 1030	STEEL	4 PER LEAF	HINGE REINFORCEMENT	GENSTEEL 10GA.(0.135"MIN.), SPOT WELDED TO FRAME AND DOOR
5	HR 2000	STEEL	4 PER LEAF	HINGE DUST BOX	GENSTEEL 20GA.(0.036"MIN.), SPOT WELDED
6	DR 1600	STEEL	AS REQD	CYLINDRICAL LOCK AND DEADBOLT REINFORCEMENT ASSEMBLY	GENSTEEL 20GA.(0.036"MIN.), SPOT WELDED
7	HINGE	STEEL	4 PER LEAF	4 1/2" LONG HINGE	HAGER USA 0.134" MIN. THICKNESS
8	FR 1100	STEEL	AS REQD	ASA STRIKE BOX	GENSTEEL 18GA.(0.048"MIN.)W/(2) 12X7/8" FH MULTI THREAD SCREWS
9	FR 1000	STEEL	AS REQD	DEAD BOLT STRIKE REINFORCEMENT	GENSTEEL 18GA.(0.048"MIN.)W/(2) 8X3/4" FH MULTI THREAD SCREWS
10	IVES SB360	STEEL	AS REQD	SURFACE BOLTS AT INACTIVE PANEL	IVES
11	DR1700	STEEL	AS REQD	MORTISE LOCK EDGE REINFORCEMENT WELDED	GENSTEEL 10GA.(0.135"MIN.), SPOT WELDED
12	DR1010	STEEL	AS REQD	MORTISE BOX REINFORCEMENT	GENSTEEL 18GA.(0.048"MIN.)
13	—	STEEL	AS REQD	18 GA LOCK SIDE BOX REINFORCEMENT FULL LENGTH	(AT ACTIVE/INACTIVE STILES) GENSTEEL 18GA (0.048" MIN.)
14	NGP 106S	ALUMINUM	3	PERIMETER GASKET	NATIONAL GUARD PRODUCTS W/#6 X3/4" FH SMS 10" O.C.
15	NGP 362	NEOPRENE	3	NEOPRENE TAPE	NATIONAL GUARD PRODUCTS
16	NGP 5050C	SILICONE	3	ADHESIVE GASKET	NATIONAL GUARD PRODUCTS
17	NGP 109NA	ALUMINUM	AS REQD	MEETING ASTRAGAL	NATIONAL GUARD PRODUCTS W/#6 X5/8" FH SMS 6" O.C.
18	NGP 200NA	ALUMINUM	1 PER PANEL	DOOR BOTTOM SWEEP	NATIONAL GUARD PRODUCTS W/#6 X3/4" FH SMS 8" O.C.
19	NGP 950V	ALUMINUM	1 PER PANEL	BUMPER THRESHOLD W/VINYL BULB	NATIONAL GUARD PRODUCTS
20	CH 90	STEEL	AS REQD	20 GAUGE LAMINATED STIFFENERS	GENSTEEL 20GA.(0.036"MIN.)
21	WS 2000	STEEL	AS REQD	20 GAUGE WELDED STIFFENERS (HAT SECTION)	GENSTEEL 20GA.(0.036"MIN.).SPOT WELDED TO BOTH DOOR SKINS
22	WS 1000	STEEL	AS REQD	20 GAUGE WELDED STIFFENERS	GENSTEEL 20GA.(0.036"MIN.).SPOT WELDED TO BOTH DOOR SKINS
23	CORE (OPTION1)	HONEYCOMB	AS REQD	HONEYCOMB CORE INSIDE DOOR PANEL W/STIFFENERS	GENSTEEL
	CORE (OPTION2)	FIBERGLASS	AS REQD	FIBERGLASS CORE INSIDE DOOR PANEL W/STIFFENERS	JOHNS MANVILLE
	CORE (OPTION3)	POLYURETHANE	AS REQD	POLYURETHANE CORE INSIDE DOOR PANEL W/STIFFENERS	JOHNS MANVILLE
	CORE (OPTION4)	POLYSTYRENE	AS REQD	POLYSTYRENE CORE INSIDE DOOR PANEL W/STIFFENERS	LEGERLITE
	CORE (OPTION5)	ROCKWOOL	AS REQD	ROCKWOOL CORE INSIDE DOOR PANEL W/STIFFENERS	ROXUL
24	FA 3010	STEEL	AS REQD	BUTTERFLY MASONRY ANCHOR	GENSTEEL
25	FA 3030	STEEL	AS REQD	MASONRY WIRE ANCHOR 0.173 DIA	GENSTEEL
26	FA 3012	STEEL	AS REQD	MASONRY ANCHOR BRACKET	GENSTEEL
27	CH 3601	STEEL	2 PER PANEL	13/16" X 1-5/8" X 13/16" X 18GA DOOR END FULL WIDTH CHANNEL	GENSTEEL 18GA.(0.048"MIN.).PROGRESSION WELDED TO BOTH DOOR SKINS
28	416	STEEL	AS REQD	STRIKE PLATE	DORMA
29	426 (TOP), 439 (BOTTOM)	STEEL	AS REQD	DORMA 9400 STRIKE PLATES	DOEMA
30	9500AS223 (TOP) 9500AS227 (BOTTOM)	STEEL	AS REQD	DOREX 9500 STRIKE PLATES	DOREX

**PRODUCT REVISED**  
**as complying with the Florida**  
**Building Code**  
**NOA-No.** 23-1207.15  
**Expiration Date** 10/02/2027  
**By** Isaac I. Chanda  
**Miami-Dade Product Control**



REVISIONS		DESCRIPTION
NO.	DATE	
1	10/18/2023	2023 FBC UPDATE

GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LM&SM)

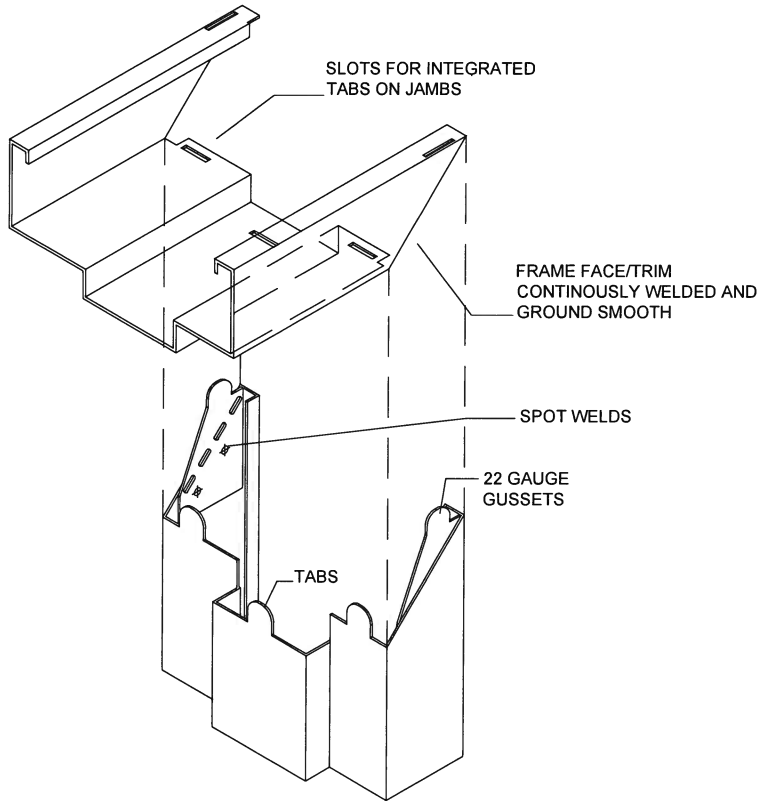
www.gensteeldoors.com  
4950 Hickmore, St. Laurent, Quebec, Canada, H4T1K6  
Tel: (514) 733-3562 Fax: (514) 733-1932

DATE	10/18/2023
SCALE	NTS.
DRAWN	
PROJECT	

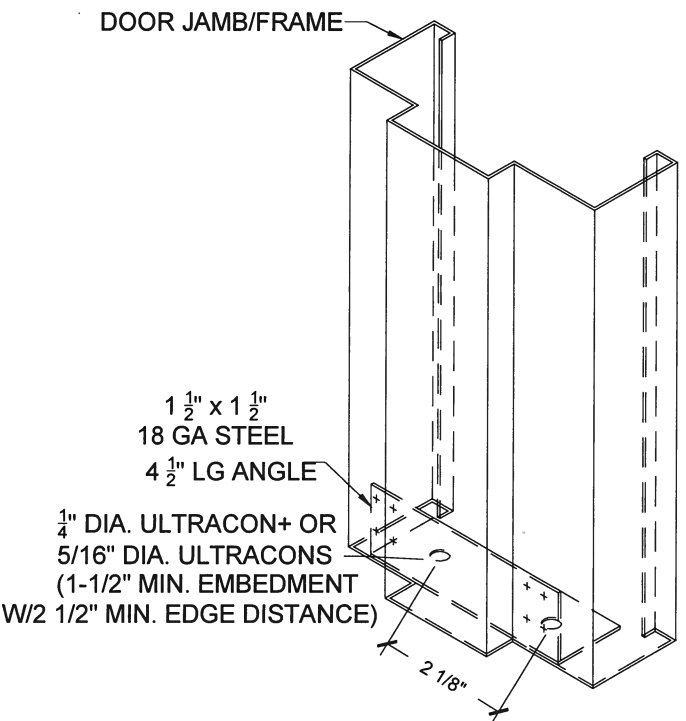
DRAWING NO.  
 AD15-35



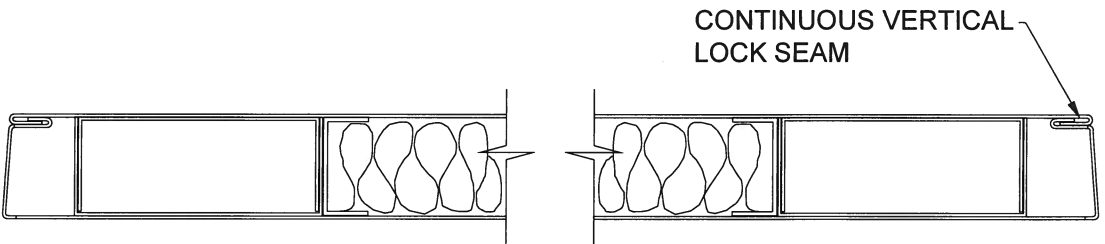
**PRODUCT REVISED**  
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Building Code  
NOA-No. 23-1207.15  
Expiration Date 10/02/2027  
By Ishay L. Chande  
Miami-Dade Product Control



CORNER ASSEMBLY

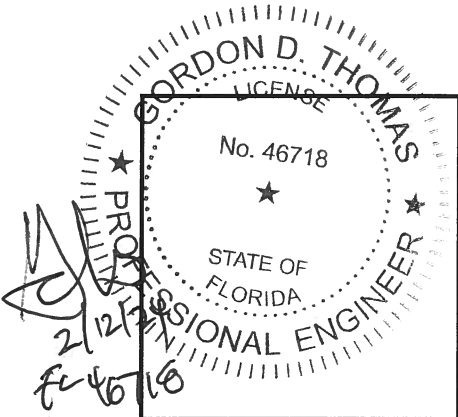


BOTTOM CORNER ANCHOR DETAIL  
OPTIONAL



DOOR EDGE CONSTRUCTION  
FOR ILLUSTRATION PURPOSES

THE JAMB AND HEAD MEETING CORNERS ARE  
NOT REQUIRED TO BE WELDED TO EACH OTHER.  
ALL THE FRAMES WERE TESTED AS "KNOCK-DOWN" UNITS.



REVISIONS	
NO.	DATE
1	10/18/2023
DESCRIPTION	
2023 FBG UPDATE	

GENSTORM OUTSWING 4888 HD OPAQUE STEEL DOOR (LM&SMI)

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