



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Schlage Lock Company
11819 N. Pennsylvania Street
Carmel, IN 46032

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: SteelCraft H Series Double Glazed Outswing Commercial Steel Door w/wo Panic Exit-LMI

APPROVAL DOCUMENT: Drawing No **IRGD07 Rev P**, titled "Steelcraft H series Double outswing glazed", sheets 1 through 20 of 20, prepared by the manufacturer, dated 05-20-07 and last revised on 07/11/2023, signed and sealed by Hermes F. Norero, 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

Limitations:

1. See Design Pressures, Sizes, Hardware, DLO (Day light Opening) limitations in sheets **1, 2, 10 & 12**, See sheets **5, 6, 7 & 8** for door sizes VS threshold types, brand and water Rating limitations. Lower design Pressure shall control the entire assembly.
2. New Von Duprin **HH9954** mullion must meet min thk. & Strength as listed in sheet **13**. See Hollow mullion in sheet **9**. Drop-in or expansion mullion anchor assembly must be from the anchor manufacturer (No substitution parts permitted).
3. See limitations of DLO (vision) for elevation configurations **3A (V-vision)** and **3B (N3, N4 & N5)** in sheet **10**.
4. Top strike plates **338 & 4188** can be used w/wo roller option for Concealed Rod Panic (CVR) shown in sheets **13 & 15**.
5. Electrical/Electronic functions and Fire ratings are **not** part of this approval, such functions to be reviewed and approved by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Cincinnati, Ohio and Series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA #22-0414.20** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S.Z.
12/07/2023

NOA No. 23-0821.17
Expiration Date: May 05, 2028
Approval Date: December 07, 2023
Page 1

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's parts and sections drawings (Submitted under file as below).
2. Drawing No **IRGD07 Rev K**, titled "Steelcraft H series Double outswing glazed", sheets 1 through 17 of 17, prepared by the manufacturer, dated 05-20-07 and last revised on 08/30/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #15-0930.04/#13-1217.15/#12-0305.15/ #10-0209.08/#07-0829.03)

1. Test report on

- 1) Air Infiltration Test, per TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of Single outswing steel doors w/ Stainless steel continuous Hinges & modified Hat stiffeners, marked by Certified Testing Lab, Test Reports No(s). **CTLA-3045W** dated February 16, 2015, signed and sealed by Ramesh Patel, P.E.

2. Test report on

- 1) Air Infiltration Test, per TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of double outswing steel doors w/CVC panic exit and Peep hole, marked by Element Material Technology, Test Reports No(s).

ESP011623P dated May 14, 2013, signed and sealed by Jason Sheen, P.E.

3. Test reports on

- 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94.
- 2) Water Resistance Test per FBC TAS 202-94

Along with marked-up drawings and installation diagram of double steel commercial doors, prepared by National Certified Testing Laboratories Inc., Test Report No. **NCTL- 210-03-0514-11**, dated August 31, 2004, **NCTL 210- 03-3511-1** dated 04/09/08 and **NCTL 210- 03-3549-1** dated 08/26/08, all signed and sealed by Gerry Ferrara, P. E.

Note: Test report No(s): NCTL210-3549-1 and NCTL-210-3511-1 have been revised by an addendum letter, issued by Lab, dated Feb. 04, 2009, signed & sealed by Gerard J. Ferrara, P. E.

4 Test report on

- 1) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 2) Large Missile Impact Test per FBC, TAS 201-94
- 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 4) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of double flush outswing steel doors, marked by National Certified Testing Lab, Test Reports No. **NCTL-210- 3580-2**, dated March 25, 2009, signed and sealed by Gerry Ferrara, P. E.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17

Expiration Date: May 05, 2028
Approval Date: December 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue)

5. Test report on (Submitted under file # **07-0829.03**)

- 1) Air Infiltration Test, per TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of double-glazed outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA-776W** dated February 20, 2002, **CTLA-975W** dated Jan 23, 2003, **CTLA-882W** dated Aug 29, 2002, **CTLA-1035W** dated May 28, 2003 and **CTLA-1086-W** dated Nov. 17, 2003 and **CTLA-1107W-3** dated June 30, 2004, all signed and sealed by Ramesh Patel, P.E.

Note: Test report CTLA-1035W has been revised by an addendum letter dated Feb 20, 2009, signed and sealed by Ramesh Patel, P.E.

Along with manufacturer's parts and section drawings of glazed outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). **NCTL-210-3232-1** dated 02/24/06 and **NCTL-210-3357-1** dated Dec 28, 2006, signed and sealed by Gerard J. Ferrara, P.E.

6. Additional Reference test report No. CTLA-1107W for strap anchor qualification.

C. CALCULATIONS: (submitted under file #15-0930.04)

1. Anchor verification calculations per FBC 2014 (5th Edition) dated 08/30/15, prepared, signed & sealed by Thomas Gordon., P.E.
2. Hinge Load Evaluation report dtd 01/04/04, prepared, signed & sealed by Thomas Gordon, P.E.

D. QUALITY ASSURANCE BY

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

E. MATERIAL CERTIFICATIONS (items 6 thru 9, submitted under file # 10-0209.09)

1. Notice of Acceptance No. **13-0717.01** issued to **Sabic Innovative Plastics** for their "**Lexan® Polycarbonate Sheet Products**", expiring on July 17, 2018.
2. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "**Sentry Glass® Interlayer**", expiring on 07/4/17.
3. Material composition & Flammability properties and Material Safety Data sheet of Pyrophobic P25C-60 core by Pyrophobic System LTD, dated DEC 05, 2010, issued by I. Zhvanetsky, chemical consultant.
4. Material composition & Flammability properties and Material Safety Data sheet of Calcium Silicate mineral block, issued by Marshfield Door Sys, Inc., Marshfield. WI 54449.
5. Test Report No. **12-11177**, Nov 29, 2012, issued by Commercial Testing Co. for "Surface Flame spread & Smoke density Characteristics of Building material" per ASTM E84-12 for "Elfoam P200", issued to Elliott Co. of Indianapolis Inc.
6. Test Report No. **16206-122543 (1015P200(3))**, dated November 29, 2004 for "Surface Burning Characteristics of Bldg material" per ASTM E84 and self-Ignition per ASTM 1929D for "Polyisocyanurate" issued by Omega Point Laboratories, Inc. to Elliot Co., Indianapolis, IN.
7. Tensile test report # CTLA-776W (0194H), dtd 02/25/02 prepared by CTL, Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.



Sifang Zhao, P.E.

Product Control Examiner

NOA No. 23-0821.17

Expiration Date: May 05, 2028

Approval Date: December 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)

8. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
9. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building material" per ASTM E84 and self-Ignition per ASTM 1929D for "EPS", issued to Falcon Foam, a Div of Atlas Roofing, re-named as "ATLAS EPS".

F. STATEMENTS: Except items #1, balanced items submitted under files referenced above.

1. Letter of conformance to FBC 2014 (5th Edition), dated 08/30/15, prepared, signed and sealed by Gordon Thomas, P.E.
2. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
3. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
4. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
5. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
6. Statement letter of conformance to FBC 2007 and no financial interest, dated FEB 03, 2010, prepared, signed and sealed by Gordon Thomas, P.E.
7. Laboratory Compliance statement issued as part of the above test reports.
8. Addendum letters dated Feb 20, 2009 for test reports Test report CTLA-1035W, issued by Certified Testing lab, signed and sealed by Ramesh Patel, P.E.
9. Addendum letter dated DEC 19, 2011, issued by Certified Testing Lab verifying wire anchors, strength of grout, stud anchor, Strike plate and MA series Mortise Lock, supplemented w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.
10. Letter of certification dated 04/20/10, issued by Ingersoll-Rand for electronic CO lock series mechanical /functional parts same as AD, ND and AD-M series

G. OTHER

1. This NOA **renews NOA #15-0930.04**, expiring on 05/05/18.
2. Request for 1-Year renewal by Schlage Company dated 04/20/17, signed by James Donlan.
3. Test proposals # **14-0252**, **-0254**, **#14-1086**, **#14-0254-R1** and **#12-0797R** approved by RER.
4. Consolidation Test proposal # **06-2468**, dated 04/27/07 approved by BCCO.
5. Previously consolidates NOA #(s) associated with these files are **#13-1217.15**, **#10-0209.08**, **07-0829.05**, **03-0908.03**, **04-0303.03**, **05-0325.02**, **08-0508.07** and **08-0715.03**
6. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17
Expiration Date: May 05, 2028
Approval Date: December 07, 2023

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous submittal.

A. DRAWINGS

1. Drawing No **IRF-D07 Rev N**, titled “Steelcraft H series Double Flush outswing”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 05-20-07 and last revised on 04/25/18, signed and sealed by Hermes F. Norero, P.E.

B. TESTS

1. Additional Test report on
 - 1) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of double flush outswing steel doors, marked by National Certified Testing Lab, Test Reports No. **NCTL-210- 3580-2**, dated March 25, 2009, signed and sealed by Gerry Ferrara, P. E.

Along with manufacturer's parts and section drawings of glazed outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). **NCTL-210-3232-1** dated 02/24/06 and **NCTL-210-3357-1** dated Dec 28, 2006, signed and sealed by Gerard J. Ferrara, P.E.

2. Additional verification test **NCTL-210-3549-1** for VonDuprin HH9954 mullion per TAS 202,201 & 203, issued by National Certified Testing, signed & sealed by Gerry Ferrara, P. E.
3. Additional Reference test report No. CTLA-1107W for strap anchor qualification.

C. CALCULATIONS:

1. Anchor verification calculation complying w/ FBC 2017(6th Edition) dated 04/04/2017 and last revised on 04/09/2018, prepared by Building Drops, signed & sealed by Hermes F. Norero., P.E.

D. QUALITY ASSURANCE BY

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

E. MATERIAL CERTIFICATIONS:


1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
2. Notice of Acceptance No. **13-0717.01** issued to **Sabic Innovative Plastics** for their “**Lexan® Polycarbonate Sheet Products**”, expiring on July 17, 2018.

F. STATEMENTS:

1. Letter statement dated April 03, 2018, issued by Allegion for future catalog update and inclusive of the upgrading of Von Duprin HH 9954 mullion, signed by Jim Donlan, Compliance Engineer.
2. Letter of conformance to FBC 2014 (5th Edition) and FBC 2017 (6th Edition), dated 02/08/18, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E
3. Letter of adoption of another Engineer’s work per FLA rule 61G15-27, dated 03/14/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

G. OTHER

1. This NOA **revises & renews NOA #17-0320.07**, expiring on 05/05/23.
2. Allegion’s (Schlage/ Former Ingersoll-Rand) future updated HH9954 Von-Duprin Mull Catalog


Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17
Expiration Date: May 05, 2028
Approval Date: December 07, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under previous submittal.

A. DRAWINGS

1. Drawing No **IRGD07 Rev L**, titled "Steelcraft H series Double outswing glazed", sheets 1 through 20 of 20, prepared by the manufacturer, dated 05-20-07 and last revised on 04/24/18, signed and sealed by Hermes F. Norero, P.E.

B. TEST

1. Test report on
 - 1) Uniform Static Air Pressure Test, Loading per 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 manufacturer's parts and section drawings of Single outswing Flush steel doors w/ SVR and top Strike #338 w/roller, issued by UL Testing Lab, Test Reports No(s). **SV31245-20190521** dated SEP 03, 2019, signed and sealed by Alex Spyrou, P.E.

Along with manufacturer's parts and section drawings of Single outswing glazed steel doors w/ SVR and top Strike #338 w/roller, issued by UL Testing Lab, Test Reports No(s). **SV31245-20190624** dated SEP 03, 2019, signed and sealed by Alex Spyrou, P.E.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

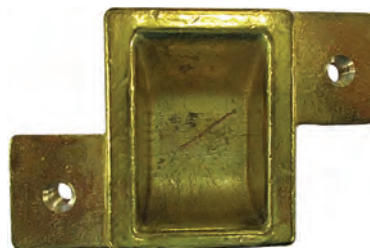
1. None

F. STATEMENTS (submitted under file # 17-0426.03)

1. Statement letter of conformance to FBC 2017(6th edition) dated 02-08-2018, prepared by Building Drops, signed & sealed by Hermes F. Norero, P.E.
2. Statement letter of adopting another Engineer's work per Florida Rules 61G615-27 dated March 14, 2017, prepared by Building Drops, signed & sealed by Hermes F. Norero, P.E.

G. OTHER

1. This NOA **revises NOA # 17-0426.03**, expiring 05/05/23.
2. Optional CVR top strikes #338 w/wo Roller (see below)



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17
Expiration Date: May 05, 2028
Approval Date: December 07, 2023

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No **IRGD07 Rev O**, titled “Steelcraft H series Double outswing glazed”, sheets 1 through 20 of 20, prepared by the manufacturer, dated 05-20-07 and last revised on 07/18/2022, signed and sealed by Hermes F. Norero, P.E.

B. TEST

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

Along with manufacturer's parts and section drawings of double flush outswing steel doors w/ CVR Panic with Falcon 4188 w/Roller (top strike) & Falcon 2130 (bottom strike), marked by Under Writers (UL) Lab, LLC, Test Reports No. SV31245-20220217-R3, dated March 24, 2022, signed and sealed by Alexis Spyrou, P. E. (*Submitted under NOA#22-0414.20*)

C. CALCULATIONS

1. Hilti's anchor verification calculation dated 05/04/2022, using Hilti's software prepared by Building drops, Inc, signed and sealed by Hermes F. Norero, P.E.
(*Submitted under NOA#22-0414.20*)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

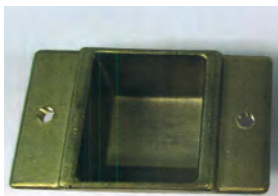
- 1 Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
2. Notice of Acceptance No. **21-1109.01** issued to **Sabic Innovative Plastics** for their “**Lexan® Polycarbonate Sheet Products**”, expiring 04/01/26.

F. STATEMENTS

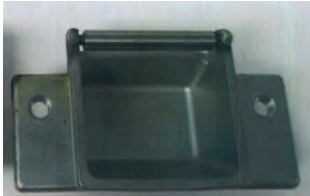
1. Statement letter of conformance to FBC 2020(7th edition) dated 01-29-2021, prepared by Building Drops, signed & sealed by Hermes F. Norero, P.E.

G. OTHER

1. This NOA **revises & renews** NOA # **20-1005.19**, expiring 05/05/28.
2. CVR Falcon 4188 (top strike) options w/wo Roller



4188 Top strike without Roller



4188 Top strike with Roller

A handwritten signature in blue ink, likely belonging to Sifang Zhao.

Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17
Expiration Date: May 05, 2028
Approval Date: December 07, 2023

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. New Evidence submitted

A. DRAWINGS

1. Drawing No **IRGD07 Rev P**, titled “Steelcraft H series Double outswing glazed”, sheets 1 through 20 of 20, prepared by the manufacturer, dated 05-20-07 and last revised on 07/11/2023, signed and sealed by Hermes F. Norero, 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. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/28.
2. Notice of Acceptance No. **21-1109.01** issued to **Sabic Innovative Plastics** for their “**Lexan® Polycarbonate Sheet Products**”, expiring 04/01/26.

F. STATEMENTS

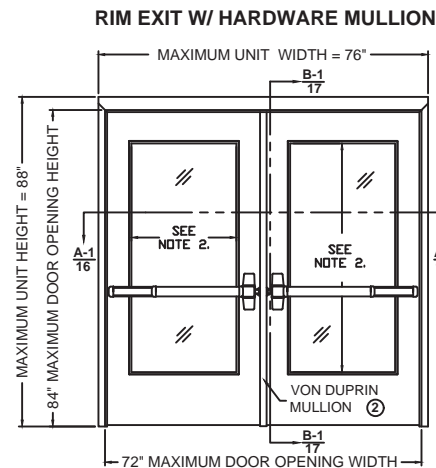
1. Statement letter of conformance to FBC 2023 (8th edition) and of no financial interest dated 07/13/2023, prepared by Building Drops, signed & sealed by Hermes F. Norero, P.E.

G. OTHER

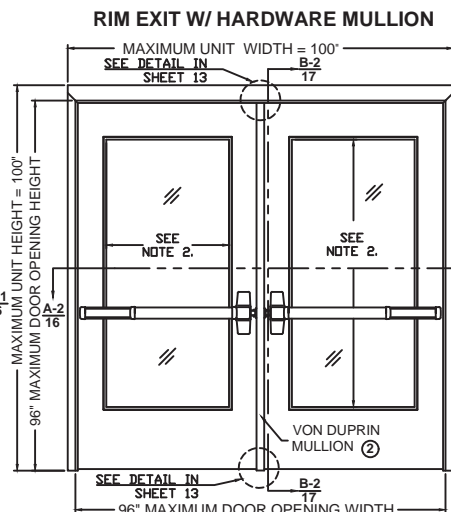
1. This NOA revises NOA # **22-0414.20**, expiring 05/05/28.



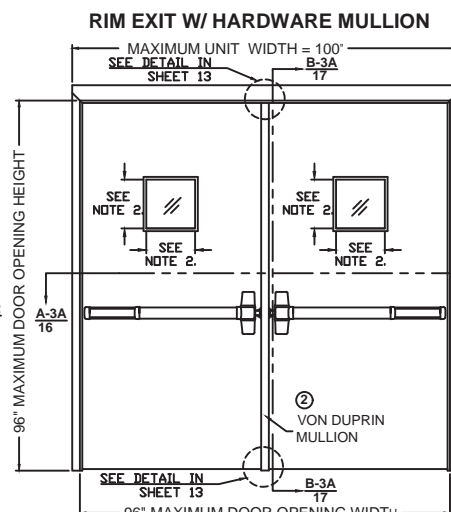
Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0821.17
Expiration Date: May 05, 2028
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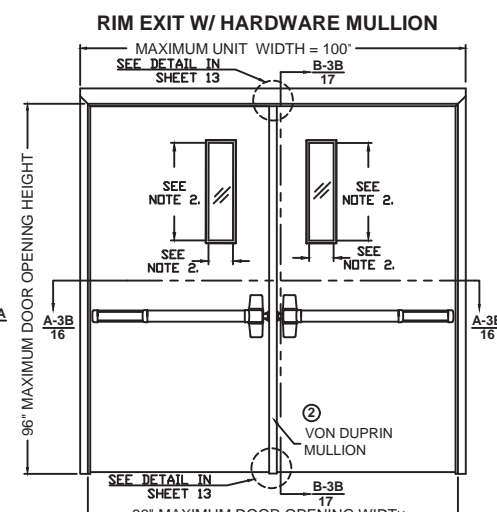
CONFIG. 1	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±60	±60
	SEE TABLE 3.1 ON SHT. 5	SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



CONF. 2	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±50	±50
	SEE TABLE 3.1 ON SHT. 5	SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8

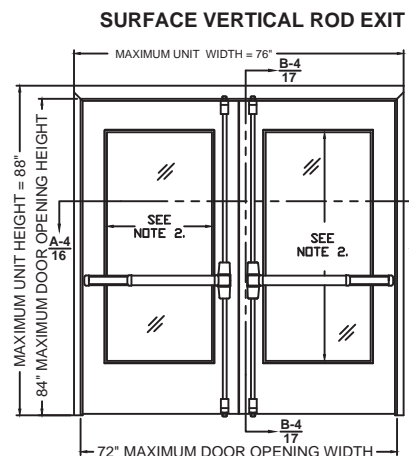


CONFIG. 3A	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±75 SEE TABLE 3.1 ON SHT. 5	±90 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8

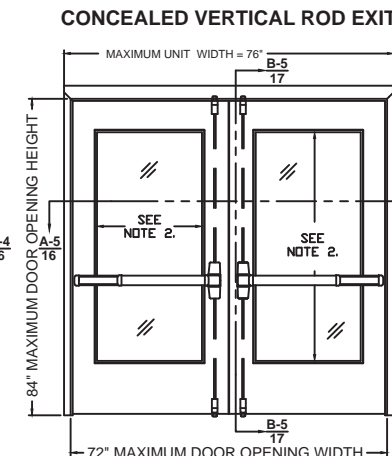


CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±75 SEE TABLE 3.1 ON SHT. 5	±90 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8

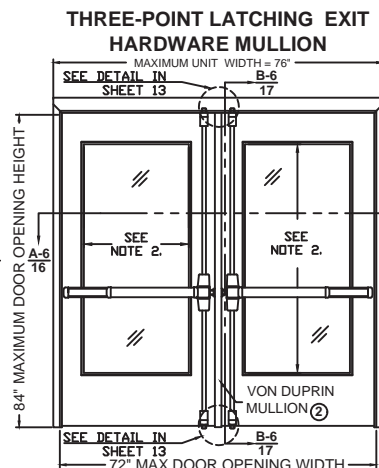
NOTE:
SEE SHEETS 5, 6, & 7 FOR
THRESHOLD TYPES,
WEATHERSTRIPS
COMPONENTS, DOOR SIZE
VS DP AND LIMITATIONS



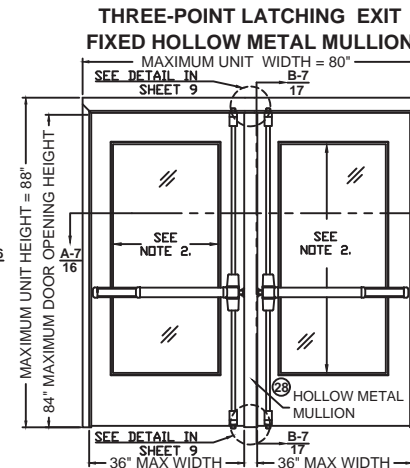
CONFIG. 4	DESIGN PRESSURE RATING, PSF WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±60 SEE TABLE 3.1 ON SHT. 5	±60 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT.



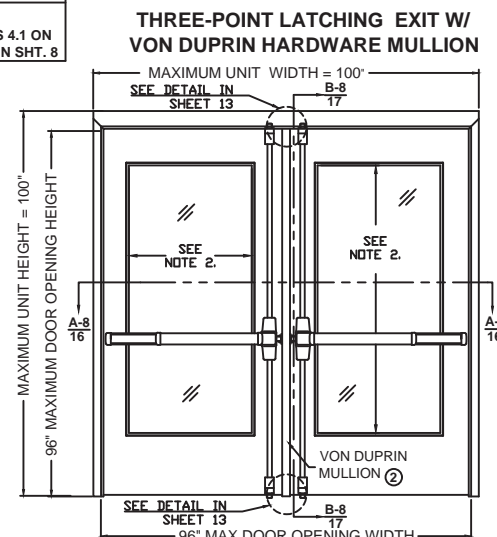
<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> CONFIG. 5 </div>	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±60	±60
	SEE TABLE 3.1 ON SHT. 5	SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



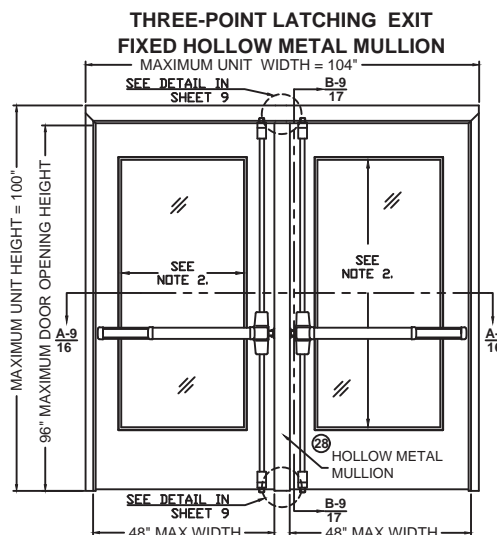
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
6	±60 SEE TABLE 3.1 ON SHT. 5	±60 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



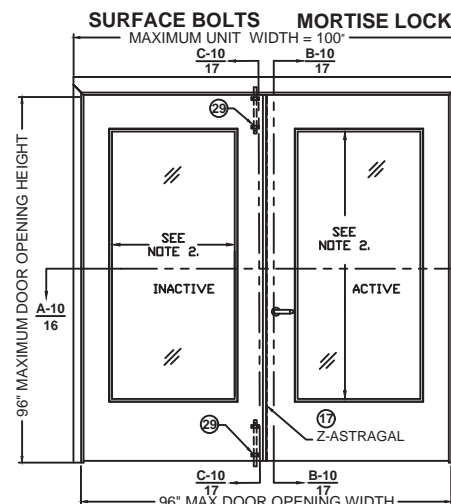
CONF. 7	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±60 SEE TABLES 3.2 & 3.3 ON SHT. 6	±60 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 7



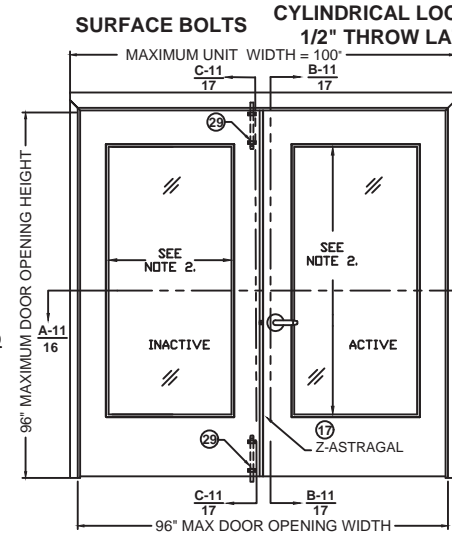
CONF. 8	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±50 SEE TABLE 3.1 ON SHT. 5	±50 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±50 SEE TABLES 3.3 & 3.3 ON SHT. 6	±50 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



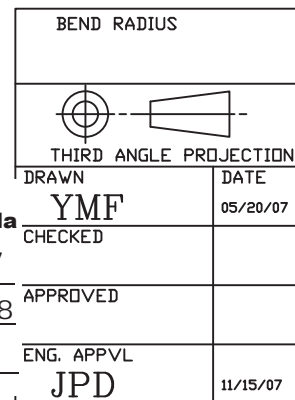
10	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	+50 SEE TABLE 3.1 ON SHT. 5	+50 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8



COUNTING.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	±50 SEE TABLE 3.1 ON SHT. 5	±50 SEE TABLES 4.1 ON SHT 7 & 4.2 ON SHT. 8

NOTES:

1. INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS OF OUTSWING DOORS
2. SEE TABLE 1 ON SHEET 2 FOR GLAZING SIZE, HARDWARE APPLICATIONS & LIMITATIONS
3. SEE SHEETS 3 & 19 FOR HINGE REQUIREMENTS
4. SEE SHEETS 4 & 20 FOR ANCHORING TYPES AND LIMITATIONS AND SHEETS 9 & 13 FOR MULLION INSTALLATION
5. SEE SHEETS 3 - 8 AND 20 FOR SILL INSTALLATION INFORMATION
6. SEE SHEET 5 TABLE 3.1 & SHEET 6 TABLES 3.2 & 3.3 FOR WATER RATED THRESHOLDS AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
7. SEE SHEET 7 TABLE 4.1 & SHEET 8 TABLE 4.2 FOR NON WATER RATED THRESHOLDS AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
7. SEE SHEETS 1, 2, & 3 FOR MAXIMUM OVERALL DOOR UNIT SIZES AND SHEET 9 FOR MAX DOOR OPENINGS
8. SEE SHEET 11 FOR GLAZING OPTIONS AND DETAILS
9. DLO - DAYLIGHT OPENING SIZE, SAME AS EXPOSED GLASS, SEE SHEETS 1, 2 AND 10 FOR SIZES AND LIMITATIONS
11. ALL CONFIGURATIONS MEET LARGE AND SMALL MISSILE IMPACT REQUIREMENTS -LARGE MISSILE IMPACT AT (50 F/S)



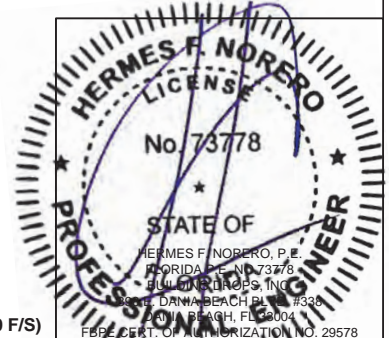
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as complying with the Florida
Building Code
NOA-No. 23-0821.17

Expiration Date 05/05/2028

By _____
Miami-Dade Product Control

DETAIL 'C' MEETING DOOR EDGES	
<p>DOOR CONFIGURATIONS: 10, 11 Z-ASTRAGAL ON INACTIVE LEAF</p> <p>The diagram shows two doors meeting at a central vertical mullion. The left door is labeled 'INACTIVE' and the right door is labeled 'ACTIVE'. Both doors are shown in a closed position, with the inactive leaf slightly offset from the active leaf. The mullion is a simple vertical bar. The top of the doors are labeled 'OUTSWING'. The exterior side is labeled 'EXTERIOR' and the interior side is labeled 'INTERIOR'.</p>	<p>DOOR CONFIGURATIONS: 1, 2, 3A, 3B, 6, 8 VON DUPRIN HARDWARE MULLION</p> <p>The diagram shows two doors meeting at a central vertical mullion. The left door is labeled 'ACTIVE' and the right door is labeled 'ACTIVE'. Both doors are shown in a closed position, with the mullion positioned between them. The mullion is a simple vertical bar. The top of the doors are labeled 'OUTSWING'. The exterior side is labeled 'EXTERIOR' and the interior side is labeled 'INTERIOR'.</p> <p>REMOVABLE HARDWARE MULLION SEE INSTALLATION SHEET 13</p>
<p>DOOR CONFIGURATIONS: 4 & 5 NO ASTRAGAL / NO MULLION BOTH DOORS ACTIVE</p> <p>The diagram shows two doors meeting at a central vertical mullion. The left door is labeled 'ACTIVE' and the right door is labeled 'ACTIVE'. Both doors are shown in a closed position, with the mullion positioned between them. The mullion is a simple vertical bar. The top of the doors are labeled 'OUTSWING'. The exterior side is labeled 'EXTERIOR' and the interior side is labeled 'INTERIOR'.</p>	<p>DOOR CONFIGURATION: 7 & 9 FIXED HOLLOW METAL MULLION</p> <p>The diagram shows two doors meeting at a central vertical mullion. The left door is labeled 'ACTIVE' and the right door is labeled 'ACTIVE'. Both doors are shown in a closed position, with the mullion positioned between them. The mullion is a hollow metal bar. The top of the doors are labeled 'OUTSWING'. The exterior side is labeled 'EXTERIOR' and the interior side is labeled 'INTERIOR'.</p> <p>FIXED HOLLOW METAL MULLION SEE INSTALLATION SHEET 9</p>

COMPLIANCE STATEMENT:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202 & 203-94 AND COMPLY WITH THE 2023 (8TH EDITION) FLORIDA BUILDING CODE.



SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032

MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES

GLASS OUTSWING, DOUBLE DOORS
AND HARDWARE CONFIGURATIONS.


SIZE	FLAT	DWG NO.	IRGD07	REV	P
SCALE:	NTS	AUTOCAD		SHEET	1 OF 20

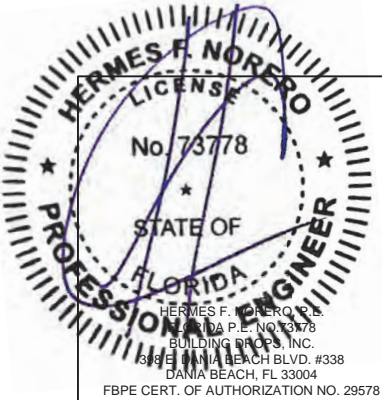
Door Configuration	Maximum Design Pressure, PSF		Maximum Door Opening Size, in.		Maximum Exposed Glazing Size (DLO)*, in.		Locking Hardware Description				Comments
	Positive	Negative	Width	Height	Width	Height	Hardware Family	Model/Series	Strike Models	Brand	
1	60	60	72	84	24	64	Rim Exit Device	98, 99, 98-F, 99-F	499F	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
								88-F	468	Von Duprin	
2	50	50	96	96	34.25	74.5	Rim Exit Device	98, 99, 98-F, 99-F	499F	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
								88-F	468	Von Duprin	
3A	90 SEE NOTE 2.	90 SEE NOTE 2.	96	96	12	12	Rim Exit Device	XP98, XP99, XP98-F, XP99-F	909/954	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
					3	33					
3B					4	25					
					5	20					
4	60	60	72	84	24	64	Surface Vertical Rod Exit Device	9827, 9927, 9827-F, 9927-F	299F-499F Top, 304L Bottom	Von Duprin	
								25-V, F-25-V	3788 Top, 2130 Bottom	Falcon	
5	60	60	72	84	24	64	Concealed Vertical Rod Exit Device	9847-F, 9947-F HH9847, HH9947	338 Top, 304L Bottom	Von Duprin	HH98/9948 devices have a 2-3/4" backset
								3347A-F, 3547A-F, HH3347A, HH3547A	338 Top, 304L Bottom	Von Duprin	HH33/3547A devices have a 2-3/4" backset
								F-25-C	4188 Top, 2130 Bottom	Falcon	for use with or without roller
6	60	60	72	84	24	64	Three-Point Latching Device	9857, 9957, 9857-F, 9957-F	299F/499F Top, 499F Middle, 304L Bottom	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
7	60	60	36	84	24	64	Three-Point Latching Device	9857, 9957, 9857-F, 9957-F	299F/499F Top, 299F/499F Middle, 304L Bottom	Von Duprin	NOTE 3
8	50	50	96	96	34.25	74.5	Three-Point Latching Device	9857, 9957, 9857-F, 9957-F	299F/499F Top, 499F Middle, 304L Bottom	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
9	50	50	48	96	34.25	74.5	Three-Point Latching Device	9857, 9957, 9857-F, 9957-F	299F/499F Top, 299F/499F Middle, 304L Bottom	Von Duprin	NOTE 3
10	50	50	96	96	34.25	74.5	Mortise Lock	L/LV9000/AD/CO MS	10-072	Schlage	Function w/o deadbolt, 3/4" min. throw latch
								L/LV9400/AD/CO MD	10-072	Schlage	Function with deadbolt, 3/4" min. throw latch & 1" min. throw bolt
								MA	ANSI	Falcon	function with or without deadbolt, 3/4" min. throw latch & 1" min. throw bolt (if applicable)
11	50	50	96	96	34.25	74.5	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	1/2" throw latch
								T	ANSI	Falcon	1/2" throw latch


TABLE 1.

NOTES:
1. SEE SHEETS 12, 13, 14 & 15 FOR LOCKING HARDWARE. FOR DOOR CONFIGURATIONS 10 & 11 INACTIVE LEAF REQUIRES IVES SB360 SURFACE BOLT TOP AND BOTTOM.
2. DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD 12A WHEN WATER INFILTRATION REQUIREMENT IS NEEDED. SEE SHEET 5
2.1 DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD OPTIONS (12A, 12C & 12D) WHEN WATER INFILTRATION REQUIREMENT IS NOT NEEDED. SEE SHEET 7
2.2 DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±90 PSF WITH NGP THRESHOLD 12B WHEN WATER INFILTRATION IS NOT NEEDED. SEE SHEET 8
3. DOOR CONFIGURATIONS 7 & 9 ARE FOR USE ON TWO DOORS WITH FIXED HOLLOW METAL MULLION.
4. * DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS OR FINISHED OPENING. SEE SHEETS 10 & 11 FOR GLAZING TYPES, DETAILS AND LIMITATIONS

R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL	DWG	YMF	05/20/07
B	REVISED	DWG	RAP	11/26/07
C	REVISED	DWG	RAP	12/14/07
D	REVISED	DWG	YMF	10/22/08
E	REVISED	PER_MDBCCD	YMF	02/05/09
F	REVISED	PER_MFR	YMF	05/18/09
G	REVISED	PER_MDBCCD	YMF	04/09/10
H	REVISED	NAME	JPD	11/01/13
J	REVISED	DWG	JPD	02/01/15
K	REVISED	DWG	JPD	05/05/15
L	ENGINEER	CHANGE	LA	03/14/17
M	ADDRESS	CHANGE	JPD	01/10/20
N	2020	FBC UPDATE	NUS	07/07/20
O	ANCHOR/STRIKE	UPDATE	LL	04/06/22
P	2023	FBC UPDATE	DL	07/12/23

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By 
Miami-Dade Product Control



BEND RADIUS		<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>					
							
THIRD ANGLE PROJECTION							
DRAWN YMF	DATE 05/20/07	TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING DOUBLE GLASS DOORS.					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	IRGD07	REV	P
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD		SHEET	2 OF 20

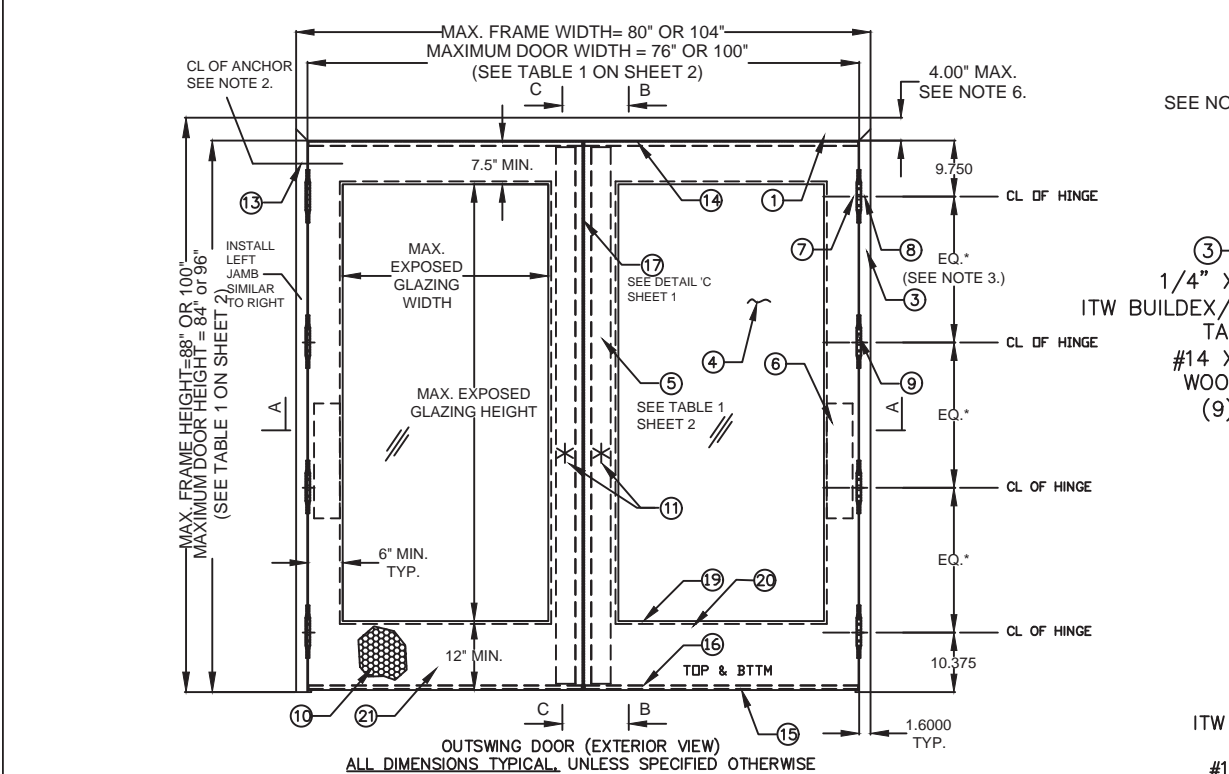
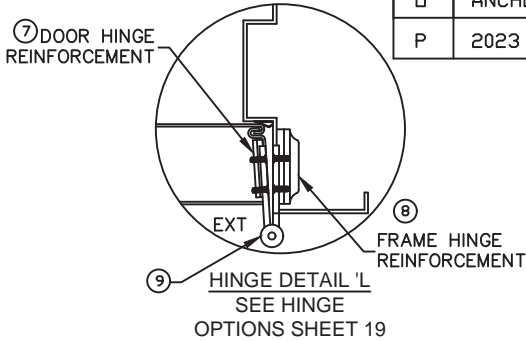
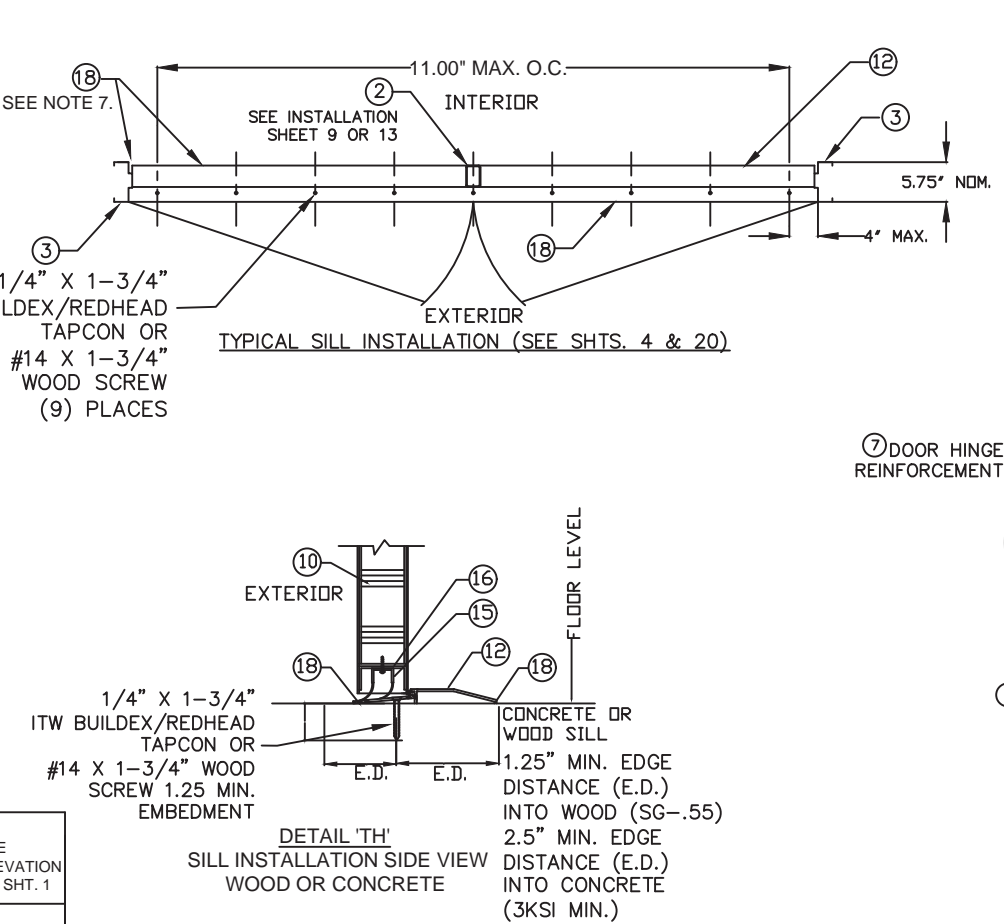
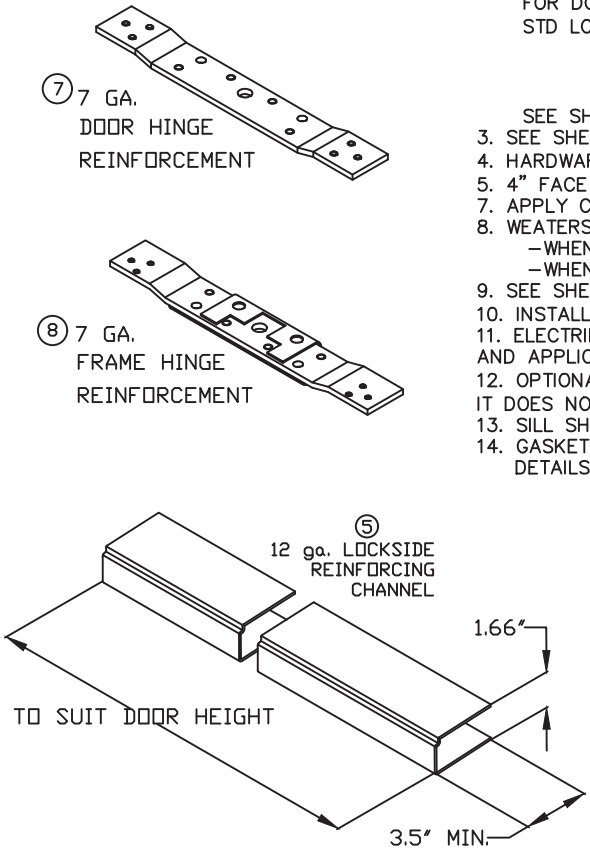


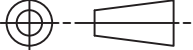
TABLE 2

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE	SEE ELEVATION ON SHT. 1
1	1	HEAD SEE SHT 9 ASTM A366	.053" MIN. STL	MAX. 100"	
2	1	VON DUPRIN HH9954 HDWE MULLION USED W/RIM HDWE	.312" A500 STL	MAX. 96" HEIGHT	
3	2	HINGE JAMB SEE SHT 9 ASTM A366	.053" MIN. STL	MAX. 100" HEIGHT	
4	2	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" DR .50"	35.406' X 75.656' MAX.	
		LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER	.562" TYP.		
		SUPERLITE II-XL BY SAFTI W/ KURARAY SENTRYGLAS INTERLAYER	1.06' TYP.		
5	2	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5 X 93.44 MAX	
6	2	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"	
7	NOTE 2.	HINGE REINFORCEMENT DOOR ASTM A621	.167" MIN. STL.	1.23' X 9.19' MIN.	
8	NOTE 2.	HINGE REINFORCEMENT FRAME ASTM A621	.167" MIN. STL.	1.5' X 9.19' MIN.	
9	NOTE 2.	4.5" X 4.5" BUTT HINGES (SEE SHT. 19)	.134 MIN.	(8) #12-24 MS PER HINGE	
		OPTIONAL CONTINUOUS HINGE (SEE SHT. 19)	.075" MIN. STL/.12 ALUM	MAX. 95"	
10	2	CORE MATERIAL (SHEET 16): D) HONEYCOMB C) STEEL STIFFENED A & F) POLYSTYRENE B & F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE			
11	2	LOCKING HARDWARE - SEE SHEET 2 TABLE 1.			
12	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHEETS 5, 6, 7 & 8)			
		12A) 566 BY ZERO SHTS 5&6 WATER RATED 7&8 NON WATER	.125" ALUM. 6063 T5	5.0"X0.5"X96"MAX.	
		12B) 950A BY NGP SHT 6 WATER RATED SHT 8 NON WATER	.078" ALUM. 6063 T5		
		12C 65 BY ZERO SEE SHEETS 7&8 NON WATER RATED	.125" ALUM. 6063 T5		
		12D) 568 BY ZERO SEE SHEETS 7&8 NON WATER RATED	.125" ALUM. 6063 T5	6.0"X0.5"X96"MAX.	
13	NOTE 1.	JAMB ANCHOR ASTM A924	SEE SHEETS 4 & 20		
14	SEE SHTS. 5, 6, 7 & 8	14A) PSD74 DOOR SEAL STEELCRAFT	TPE		
		14B)188S, 14C)117S, 14D)8144S, 14E)8150S DOOR SEAL ZERO	SILICONE	VARIES	
15	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 48"	
16	4	END CHANNEL ASTM A924 (14 GA - INVERTED)		.69' X 1.66' X 48" MAX.	
17	1	17A) 328 SPLIT ASTRAGAL BY ZERO INT'L	SEE SHEETS 5, 6, 7 & 8		
		17B) 137 SPLIT ASTRAGAL BY NGP			
18	AS NEEDED	CAULK BUTYL RUBBER OR 100% SILICONE	SEE SHEETS 5, 6, 7 & 8		
19	AS NEEDED	GLAZING HOLDING TRIM SEE SHEET 11	SEE SHEET 11		
		#1) DESIGNER TRIM		34.25' X 74.5' EXPOSED GLASS MAX. SEE SHEETS 10 & 11 FOR DETAILS & LIMITATIONS	
		#2) STEEL OVERLAPPING TRIM	.035" MIN. STL		
		#3) STEEL OVERLAPPING TRIM			
		#4) HIGH SECURITY VISION FRAME SG-10 BY ANEMOSTAT	.093"(12GA) MIN. STL.		
20	NOTE 10.	CUTOUT REINFORCEMENT CHANNEL (18 GA)	.047" MIN. STL	0.5' X 1.66' X 35.5' 75.5' MAX.	
21	2	DOOR SLAB (16 OR 14 GA)	SEE SHEET 9	3' X 7' DR 4' X 8' MAX.	
22	VARIES	22A) 8150S DOOR SEAL BY ZERO INT'L SEE SHTS 5, 7 & 8			
		22B) 188S DOOR SEAL BY ZERO INT'L SEE SHTS 6, 7, & 8	SILICONE	VARIES	
23	2	202N DOOR SEAL BY NGP SEE SHEET 6			
24	2	24A) 139 DOOR SWEEP BY ZERO INT'L SEE SHTS 5 & 6	TPE	MAX. 84" DR 96"	
		24B) 328 DOOR SWEEP BY ZERO INT'L SEE SHTS 5, 6, & 7			
		24C) 200N DOOR SWEEP BY NGP SEE SHEET 6	TPE	MAX. 36" DR 48"	
25	2	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L SEE SHEET 6			
		25B) 170N ADJUSTABLE SEAL BY NGP SEE SHEET 6	TPE	MAX. 84" DR 96"	
26	1	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 104"	
		26B) 11 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 36" DR 48"	
		26C) 16A RAIN DRIP BY NGP	SEE SHEET 6	MAX. 36" DR 48"	
27	2	TOP CAP GALV. A60 ASTM A924	.020" MIN. STL	0.5' X 1.76' X 48" MAX.	
28	1	HOLLOW METAL MULLION	SEE SHEET 9	84" DR 96" MAX.	
29	2	IVES 360 12" SURFACE BOLT - TOP & BOTTOM INACTIVE LEAF CONFIG. 10 & 11			



- NOTES:
- ANCHOR REQUIREMENTS: SEE SHEETS 4 & 20 FOR APPROVED ANCHORS AND INSTALLATION
 - HINGE REQUIREMENTS: 4.5" STD WT. MIN.
FOR DOOR OPENING UP TO 90" HIGH - MIN (3) HINGES
FOR DOOR OPENING OVER 90" - 96" HIGH - MIN (4) HINGES
STD LOCATIONS: 9.75" FROM RABBET IN HEAD TO CL OF TOP HINGE
10.38" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN. HINGE LOCATIONS MAY VARY, MAX SPACING NOT TO EXCEED 35.5" FOR THREE HINGES
 - SEE SHEET 19 FOR APPROVED CONTINUOUS HINGE MODELS
 - SEE SHEETS 1, 2 & 9 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
 - 4" FACE HEAD IS AVAILABLE FOR FRAMES SEE SHEETS 4 AND 20.
 - APPLY CAULK TO FULL LENGTH OF SILL AND ENTIRE PERIMETER OF FRAME SEE SHEETS 4-8 AND 20.
 - WEATERSTRIPPING
-WHEN WATER INFILTRATION IS REQUIRED INSTALL PER SHEETS 5 AND 6 AS APPLICABLE
-WHEN WATER INFILTRATION IS NOT REQUIRED INSTALL PER SHEETS 7 AND 8 AS APPLICABLE
 - SEE SHEET 16 FOR SECTION A-A, SEE SHEET 17 FOR SECTIONS B-B AND C-C.
 - INSTALL REINFORCEMENT CHANNELS (ITEM #20) AROUND EACH LITE-CUTOUT.
 - ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
 - OPTIONAL POWER TRANSFERS, AND/OR "SIGNAL SWITCH" MAY BE USED AS ALLOWED BY CODE AND IT DOES NOT EFFECT THE MECHANICAL PROPERTIES OF EXIT DEVICE AND/OR INHIBIT EGRESS.
 - SILL SHALL BE ANCHORED PER INSTALLATION DETAIL ON THIS SHEET AND SHEETS 4 & 20.
 - GASKETING QUANTITY WILL INCREASE WHEN USED WITH HOLLOW METAL MULLION. SEE SHTS 5-8 FOR DETAILS.



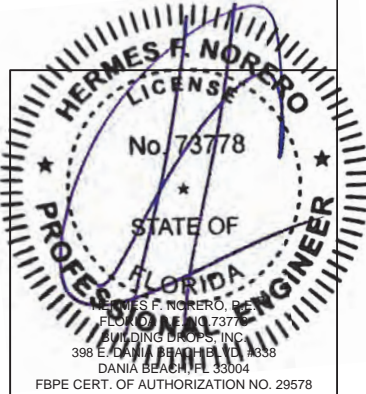
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THIRD ANGLE PROJECTION									
DRAWN YMF									
CHECKED		DATE 05/20/07		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES					
				H-SERIES GLASS DOUBLE DOORS OUTSWING CONFIGURATIONS					
APPROVED		SIZE		FLAT		DWG NO.		REV	
						IRGD07		P	
ENG. APPVL JPD		11/15/07		SCALE:		NTS		AUTOCAD	
								SHEET 3 OF 20	

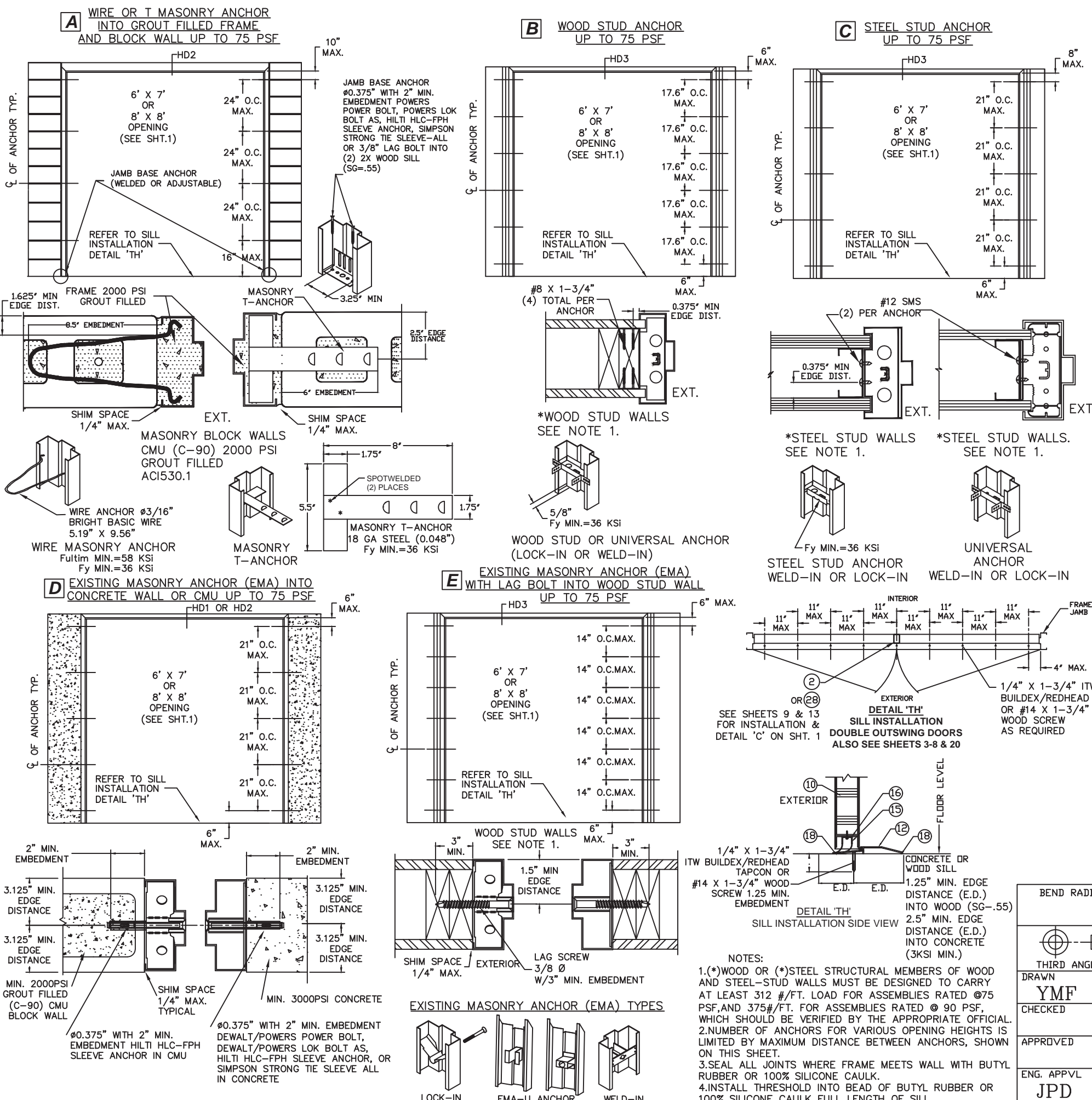
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G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED NAME	JPD	02/01/15	
K	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	
P	2023 FBC UPDATE	DL	07/12/23	


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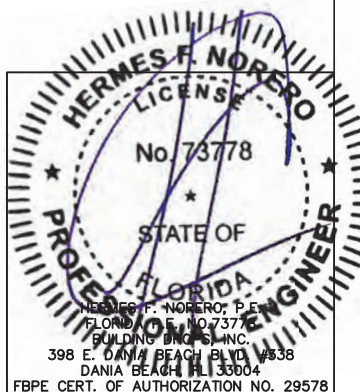
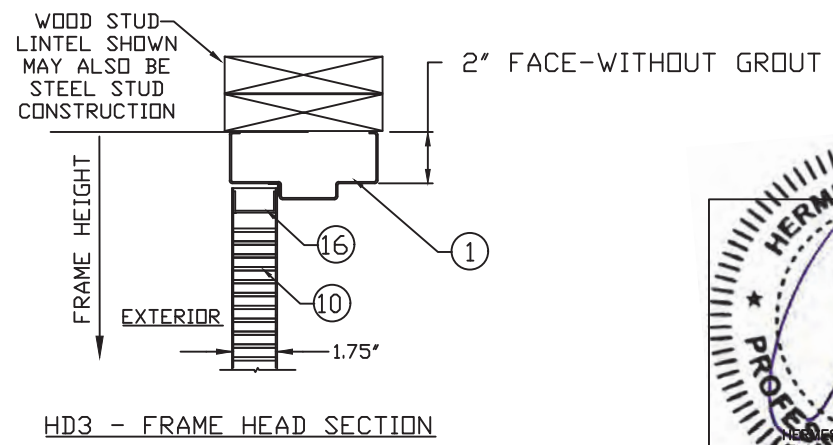
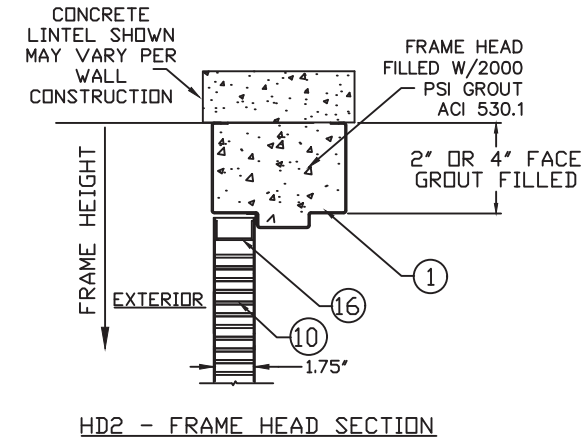
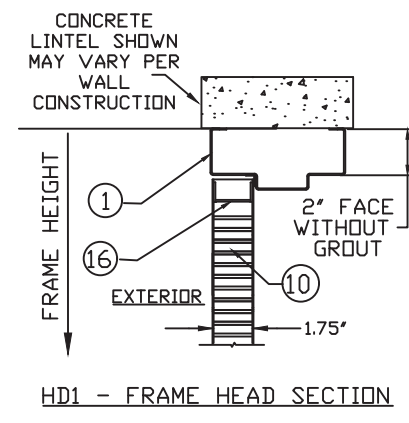
By 
Miami-Dade Product Control





PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By 
Miami-Dade Product Control

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07
D	REVISED DWG	YMF	12/15/08
E	REVISED PER_MDBCCO	YMF	02/05/09
F	REVISED PER_MDBCCO	YMF	01/04/10
G	REVISED PER_MDBCCO	YMF	04/08/10
H	REVISED NAME	JPD	11/01/13
J	REVISED DWG	JPD	02/01/15
K	REVISED DWG	JPD	05/05/15
L	ENGINEER CHANGE	LA	02/10/17
M	ADDRESS UPDATE	SM	02/27/20
O	ANCHOR/STRIKE UPDATE	LL	04/06/22
P	2023 FBC UPDATE	DL	07/12/23



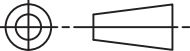
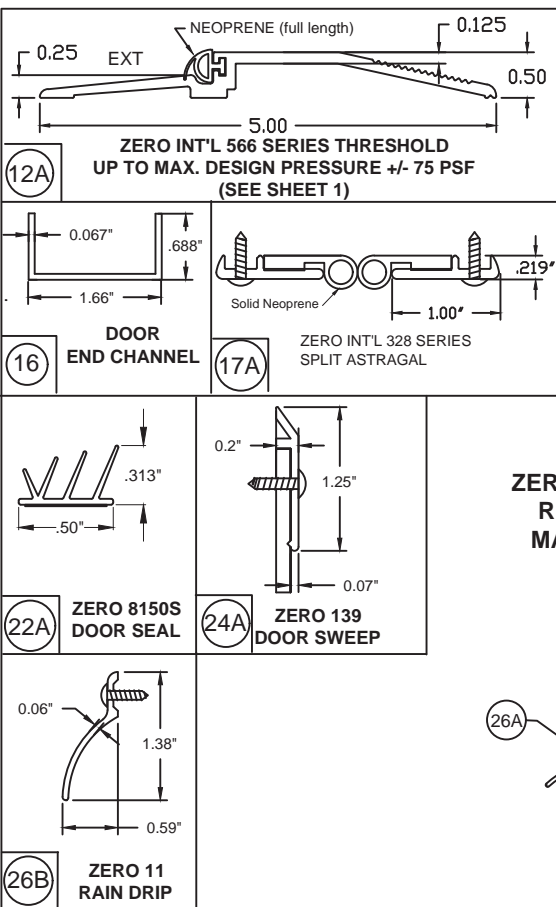
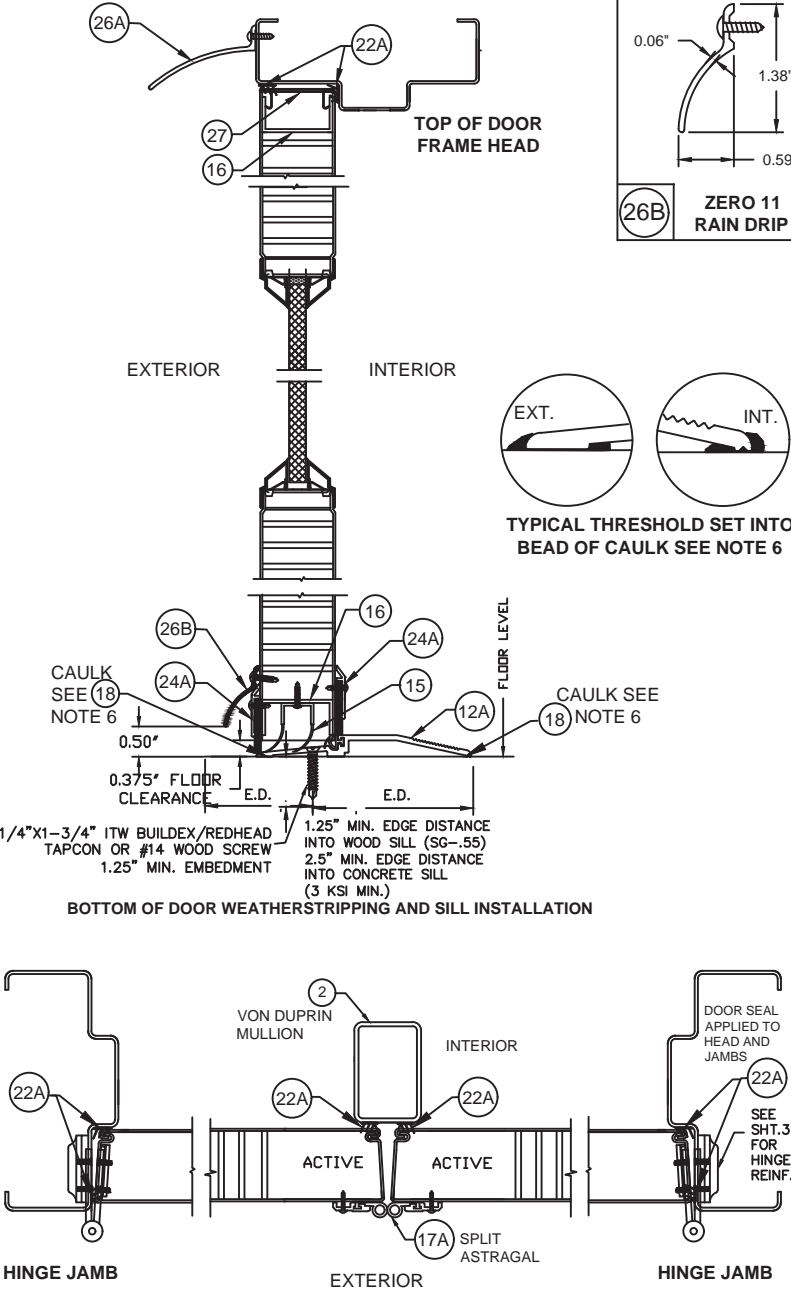
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>				<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>							
<div></div>													
THIRD ANGLE PROJECTION						TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES							
DRAWN YMF		DATE 05/20/07		ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING OF 75 PSF OR LESS									
CHECKED													
APPROVED				SIZE		FLAT		DWG NO.		IRGD07		REV P	
ENG. APPVL JPD		10/12/07		SCALE:		NTS		AUTOCAD				SHEET 4 OF 20	

TABLE 3.1 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17A	328 SPLIT ASTRAGAL	ZERO INT'L
22A	8150S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L
27	DOOR TOP CAP	STEELCRAFT

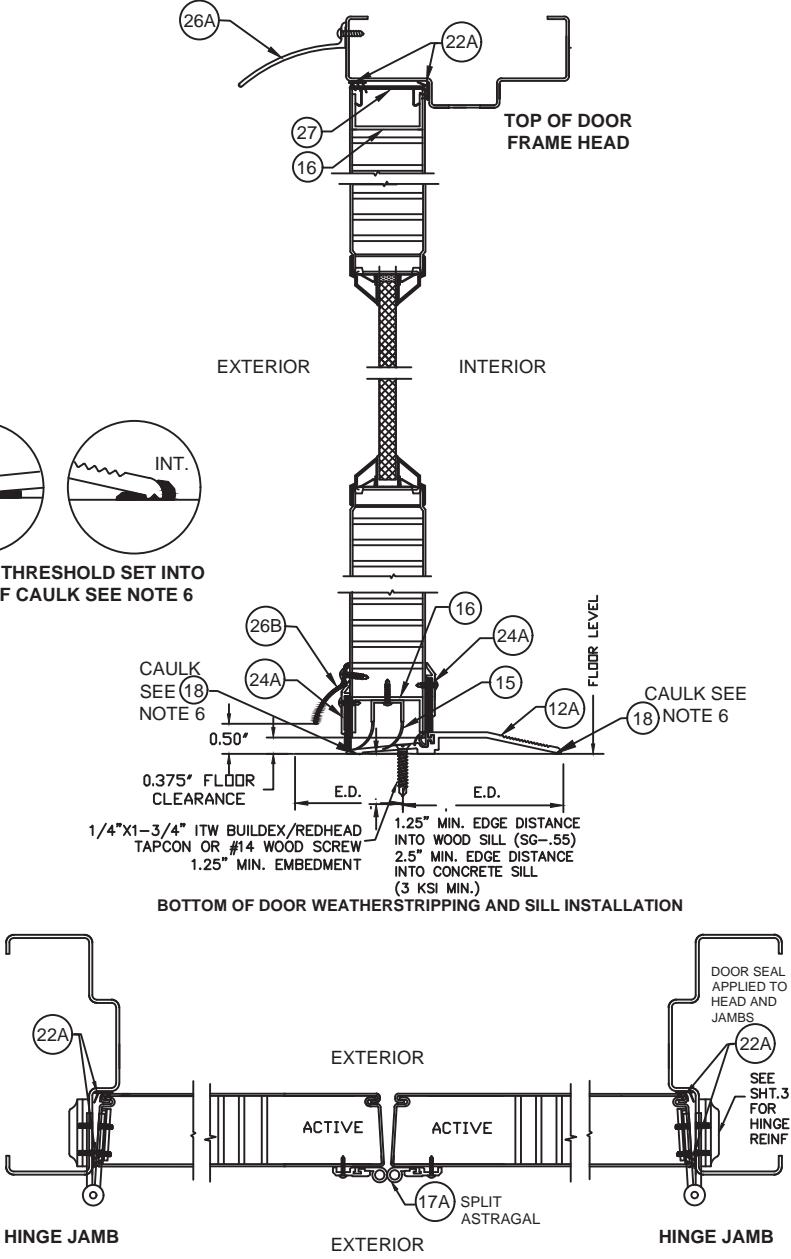
ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
(SEE ELEVATIONS SHEET 1)

FOR CONFIGURATIONS:
1, 2, 3A, 3B, 6 & 8
(SEE ELEVATIONS SHEET 1)

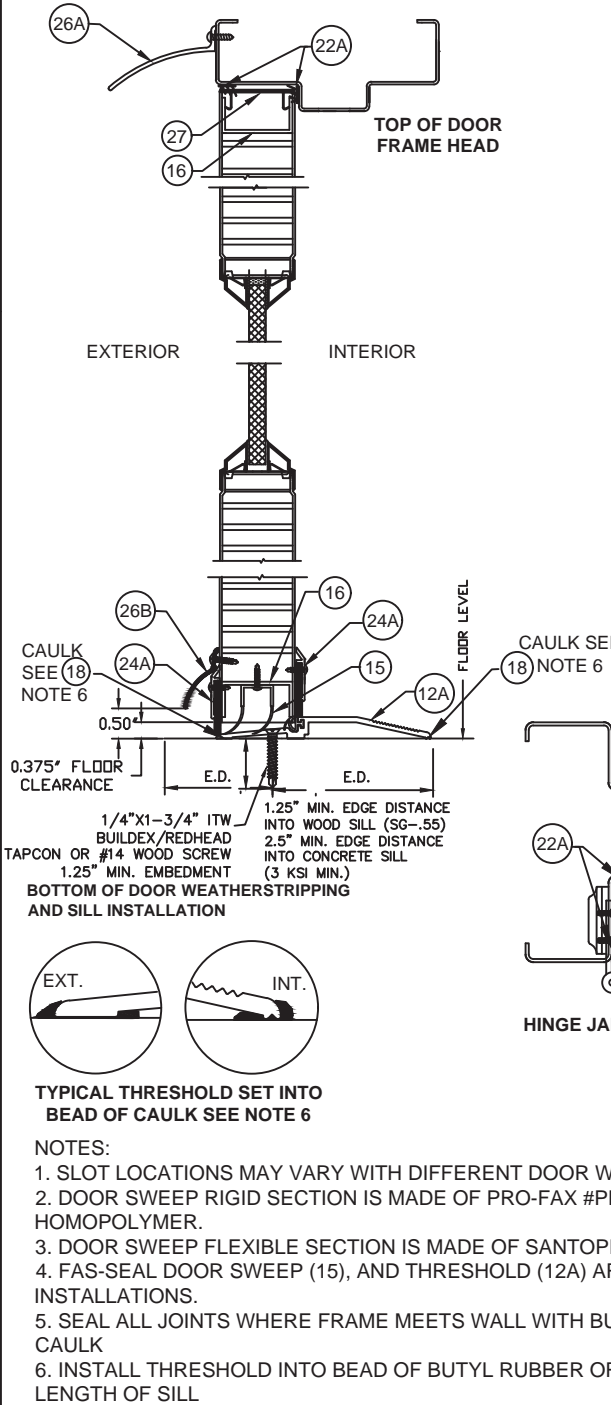


ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
(SEE ELEVATIONS SHEET 1)

FOR CONFIGURATIONS: 4 & 5
(SEE ELEVATIONS SHEET 1)




ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
(SEE ELEVATIONS SHEET 1)
FOR CONFIGURATIONS: 10 & 11
(SEE ELEVATIONS SHEET 1)

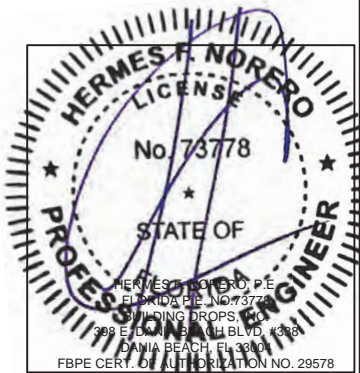


- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. FAS-SEAL DOOR SWEEP (15), AND THRESHOLD (12A) ARE REQUIRED FOR ALL INSTALLATIONS.
 5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK
 6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SLICONE CAULK FULL LENGTH OF SILL

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07
E	REVISED PER_MDBCCO	YMF	02/05/09
F	REVISED PER_MDBCCO	YMF	01/04/10
G	REVISED PER_MDBCCO	YMF	04/08/10
H	REVISED NAME	JPD	11/01/13
J	REVISED DWG	JPD	02/01/15
K	REVISED DWG	JPD	05/05/15
L	ENGINEER CHANGE	LA	02/28/17
M	ADDRESS UPDATE	SM	02/27/20
N	2020 FBC UPDATE	NUS	07/07/20
O	ANCHOR/STRIKE UPDATE	LL	04/06/22
P	2023 FBC UPDATE	DL	07/12/23

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By 
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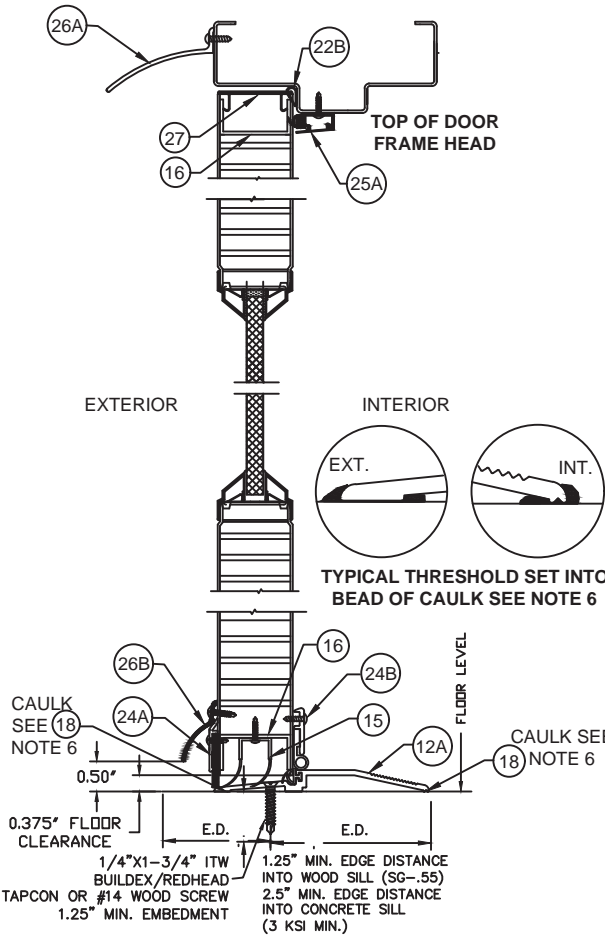
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		DRAWN YMF		DATE 05/20/07	
CHECKED		APPROVED		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
ENG. APPVL JPD		10/11/07		DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED	
SCALE: NTS		AUTOCAD		SHEET 5 of 20	
SIZE		FLAT		DWG NO. IRGD07	
REV		P			

TABLE 3.2 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566

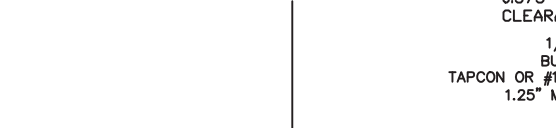
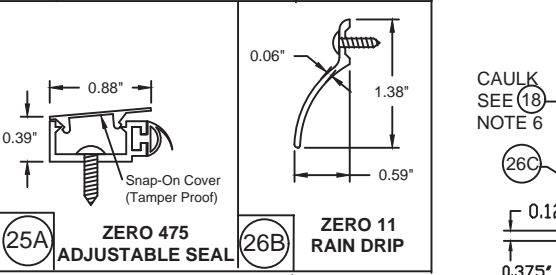
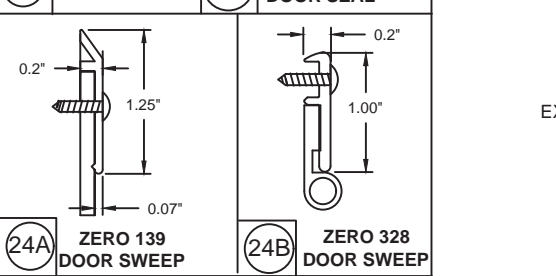
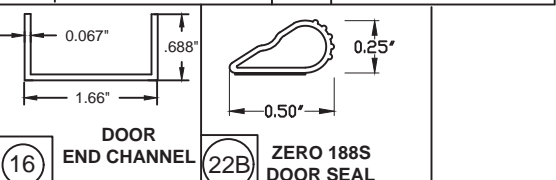
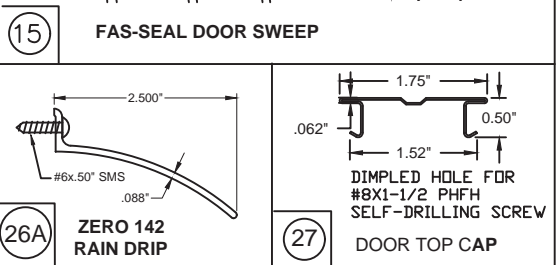
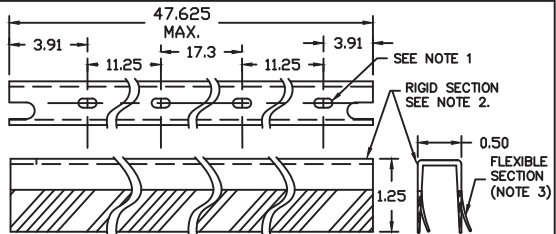
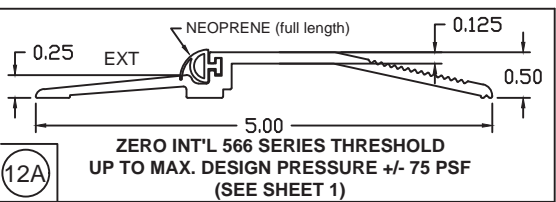
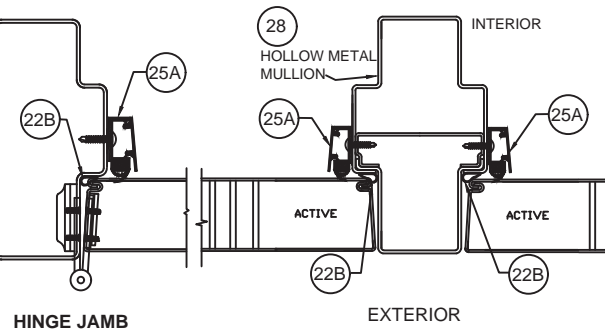
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
22B	188S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
24B	328 DOOR SWEEP	ZERO INT'L
25A	475 ADJUSTABLE SEAL	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L
27	DOOR TOP CAP	STEELCRAFT

ZERO INT'L 566 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF - (SEE ELEVATIONS SHEET 1)

FOR CONFIGURATIONS: 7 & 9
(SEE ELEVATIONS SHEET 1)



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

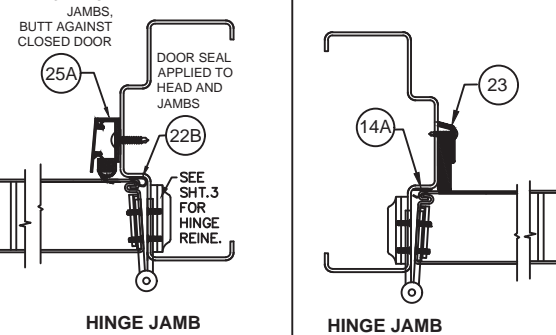
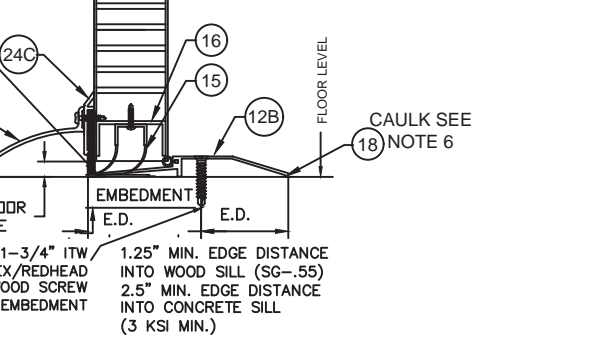
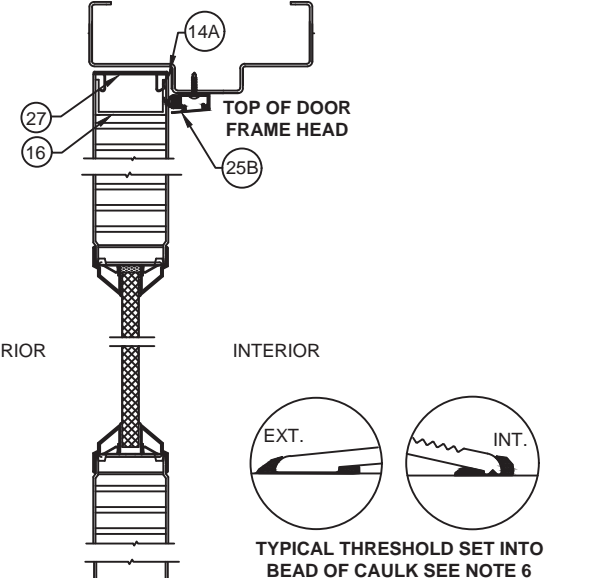


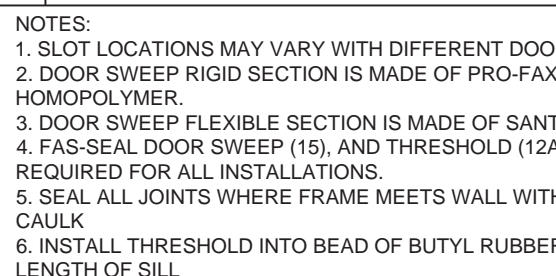
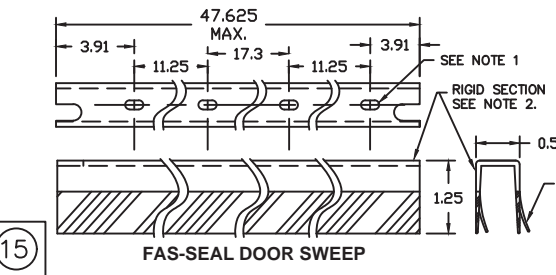
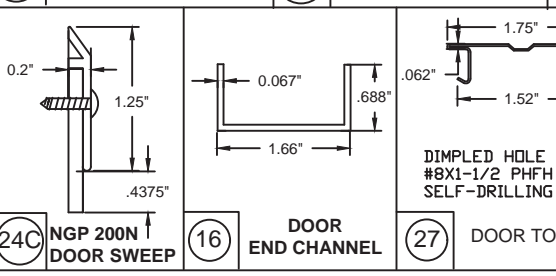
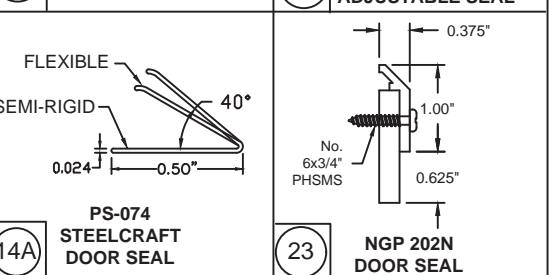
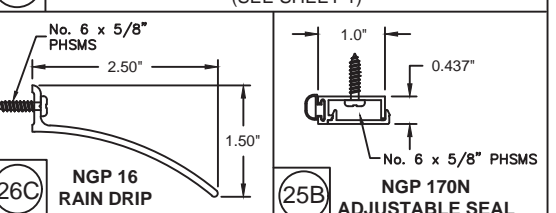
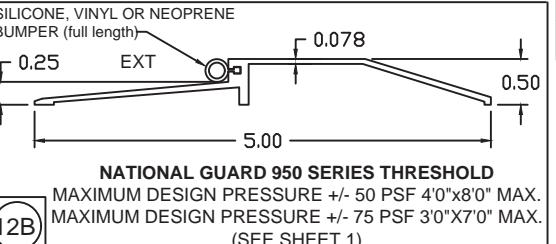
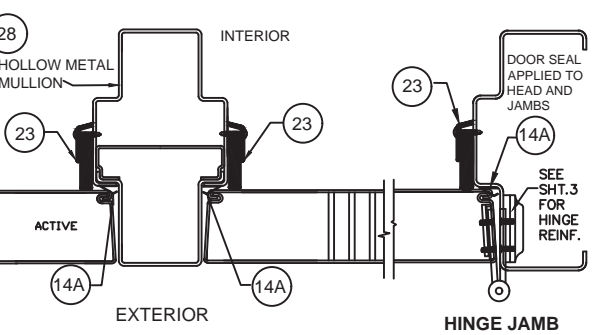
TABLE 3.3 WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
14A	PS074 DOOR SEAL	STEELCRAFT
23	202N DOOR SEAL	NGP
24C	200N DOOR SWEEP	NGP
25B	170N ADJUSTABLE SEAL	NGP
26C	16A RAIN DRIP	NGP
27	DOOR TOP CAP	STEELCRAFT

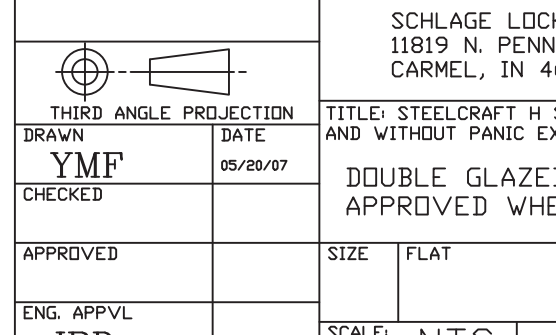
NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0" MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)
FOR CONFIGURATIONS: 7 & 9
(SEE ELEVATIONS SHEET 1)




BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

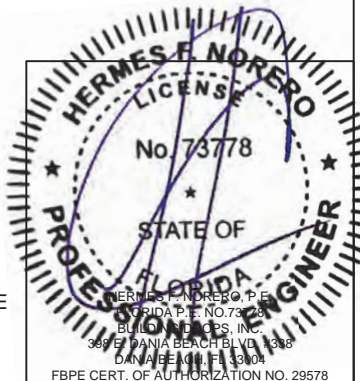


BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION



R E V I S I O N S				
LTR	DESCRIPTION	DATE	APPROVED	
B	REVISED DWG	RAP	12/26/07	
C	REVISED DWG	RAP	12/14/07	
D	REVISED DWG	YMF	12/14/08	
E	REVISED DWG	YMF	02/05/09	
F	REVISED DWG	YMF	01/04/10	
G	REVISED DWG	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED DWG	JPD	02/01/15	
K	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	
P	2023 FBC UPDATE	DL	07/12/23	

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By 
Miami-Dade Product Control



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		DRAWN YMF		DATE 05/20/07	
CHECKED		APPROVED		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
APPROVED		ENG. APPVL JPD		DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED	
SCALE: NTS		AUTOCAD		SHEET 6 of 20	

ITEM NUMBER	MODEL No./ DESCRIPTION		MFG.
12	12A	566 THRESHOLD	ZERO INT'L
	12C	65 THRESHOLD	ZERO INT'L
	12D	568 THRESHOLD	ZERO INT'L
14	14A	PS074 DOOR SEAL	STEELCRAFT
	14B	188S DOOR SEAL	ZERO INT'L
	14C	117S DOOR SEAL	ZERO INT'L
	14D	8144S DOOR SEAL	ZERO INT'L
	14E	8150S DOOR SEAL	ZERO INT'L
15	FAS-SEAL SWEEP		STEELCRAFT
16	END CHANNEL		STEELCRAFT
17A	328 SPLIT ASTRAGAL		ZERO INT'L

12A

NEOPRENE (full length)

0.25

EXT

0.125

5.00

0.50

ZERO INT'L 566 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 75 PSF
(SEE SHEET 1)

12C

SILICONE (full length)

0.25

EXT

0.125

5.00

0.50

ZERO INT'L 65 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 70 PSF
(SEE SHEET 1)

12D

NEOPRENE (full length)

0.13

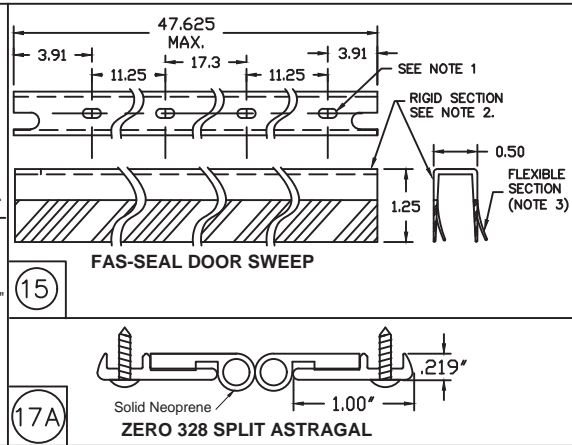
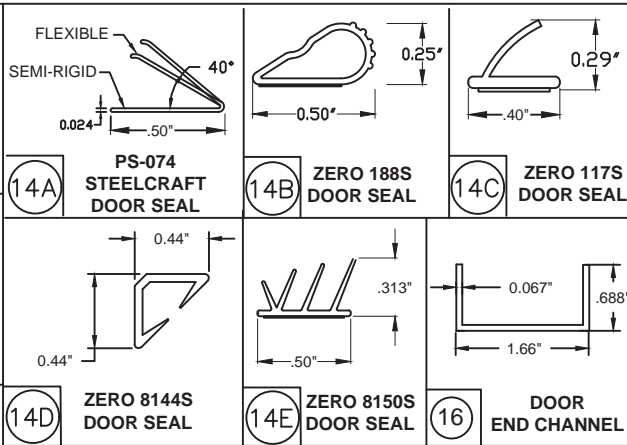
EXT

0.125

6.00"

0.50

ZERO INT'L 568 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 75 PSF
(SEE SHEET 1)



R E V I S I O N S					
LTR	DESCRIPTION			DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07		
B	REVISED DWG	RAP	11/26/07		
C	REVISED DWG	YMF	12/14/07		
D	REVISED DWG	YMF	12/14/08		
E	REVISED PER_MDBCCO	YMF	02/05/09		
F	REVISED PER_MDBCCO	YMF	01/04/10		
G	REVISED PER_MDBCCO	YMF	04/08/10		
H	REVISED NAME	JPD	11/01/13		
J	REVISED DWG	JPD	02/01/15		
K	REVISED DWG	JPD	05/05/15		
L	ENGINEER CHANGE	LA	03/14/17		
M	ADDRESS UPDATE	SM	02/27/20		
N	2020 FBC UPDATE	NUS	07/07/20		
O	ANCHOR/STRIKE UPDATE	LL	04/06/22		
P	2023 FBC UPDATE	OL	07/12/23		

Diagram illustrating the components of a door assembly, including the Hinge Jamb, Active panels, and Hinge Jamb. The diagram shows a cross-section of the door with the following labeled parts:

- HINGE JAMB** (Left side)
- HINGE JAMB** (Right side)
- ACTIVE** (Left panel)
- ACTIVE** (Right panel)
- INTERIOR** (Top center)
- VON DUPRIN MULLION** (Top center)
- DOOR SEAL APPLIED TO HEAD AND JAMBS** (Top right)
- SEE SHT. FOR HINGE REIN** (Bottom right)
- SPLIT ASTRAGAL** (Bottom center)

Numbered callouts (14, 17A) point to specific hardware or components.

Diagram illustrating the hinge jamb and exterior components of a door assembly. The diagram shows a cross-section of the door frame and the door itself. Key components and labels include:

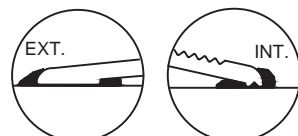
- HINGE JAMB**: The vertical frame member on the left and right sides.
- EXTERIOR**: The outer surface of the door and the area outside the frame.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: A seal is applied to the top and side frames.
- 14**: A circular callout indicating a specific component or fastener.
- ACTIVE**: Two labels pointing to the active parts of the door.
- 17A**: A circular callout indicating a specific component or fastener.
- SPLIT ASTRAGAL**: A component used to secure the door to the frame.
- SEE SHIT FOR HINGE REIN**: A note indicating that the hinge reinforcement is detailed elsewhere.

Diagram illustrating the door assembly components and their locations:

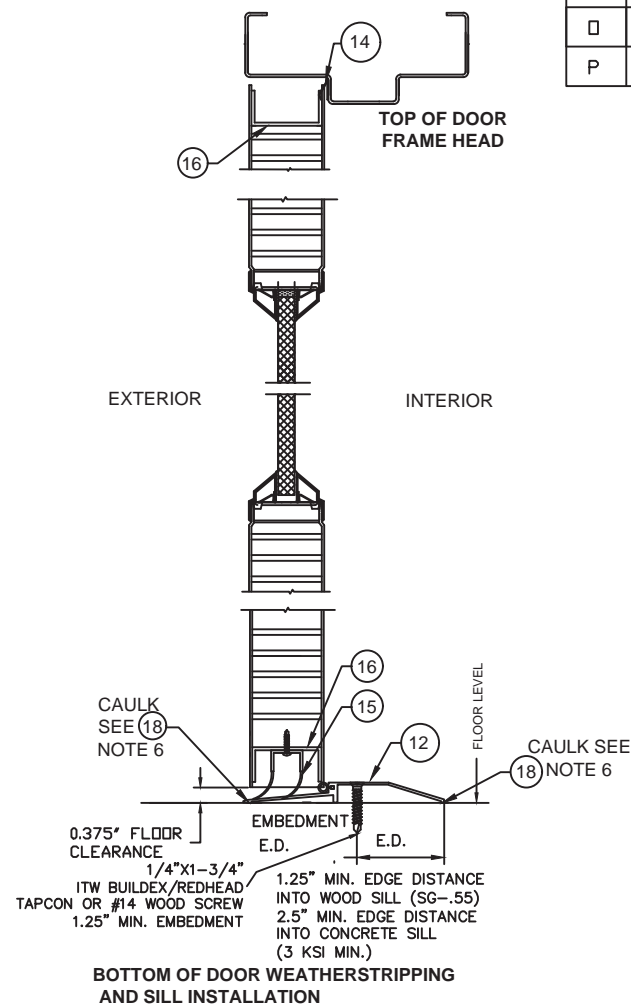
- HINGE JAMB**: The vertical frame member on the left and right.
- ACTIVE**: The central panels of the door.
- HOLLOW METAL MULLION**: The vertical frame member separating the active panels.
- INTERIOR**: The top side of the door assembly.
- EXTERIOR**: The bottom side of the door assembly.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: A note indicating the location of the door seal.
- SEE SHT. 3 FOR HINGE REIN.**: A note indicating the location of the hinge reinforcement.

Diagram illustrating the hinge assembly and door seal application. The diagram shows a cross-section of a door frame with the following components labeled:

- HINGE JAMB**: The vertical part of the door frame on the left.
- INACTIVE**: The area of the door frame where the hinge is not active.
- ACTIVE**: The area of the door frame where the hinge is active.
- INTERIOR**: The side of the door frame facing the interior.
- EXTERIOR**: The side of the door frame facing the exterior.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: The seal applied to the top and sides of the door frame.
- SEE SHT. FOR HINGE REIN**: Reference to another sheet for hinge reinforcement details.



ALL CONFIGURATIONS



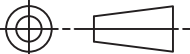
Expiration Date 05/05/2028

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
EDMUND P. NORERO, INC.
396 E. PANIA BEACH BLVD #436
DANIA BEACH, FL 33004

FBPE CERT. OF AUTHORIZATION NO. 29578

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A, 14B, 14C, 14D, 14E) AND THRESHOLD (12A, 12C, 12D) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER SEAL ZERO INT'L HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				IRGD07	P
ENG. APPVL JPD	10/11/07	SCALE	NTS	AUTOCAD	SHEET 7 of 20

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
14A	PS074 DOOR SEAL	STEELCRAFT
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17B	137 SPLIT ASTRAGAL	NGP

**NGP 950 THRESHOLD GASKETING SYSTEM
REQUIREMENTS WHEN WATER INFILTRATION IS
NOT REQUIRED -
MAXIMUM DESIGN PRESSURE 90 PSF FOR
MAXIMUM DOOR SIZE OF 4'-0" X 8'-0"
(SEE ELEVATIONS SHEET 1)**

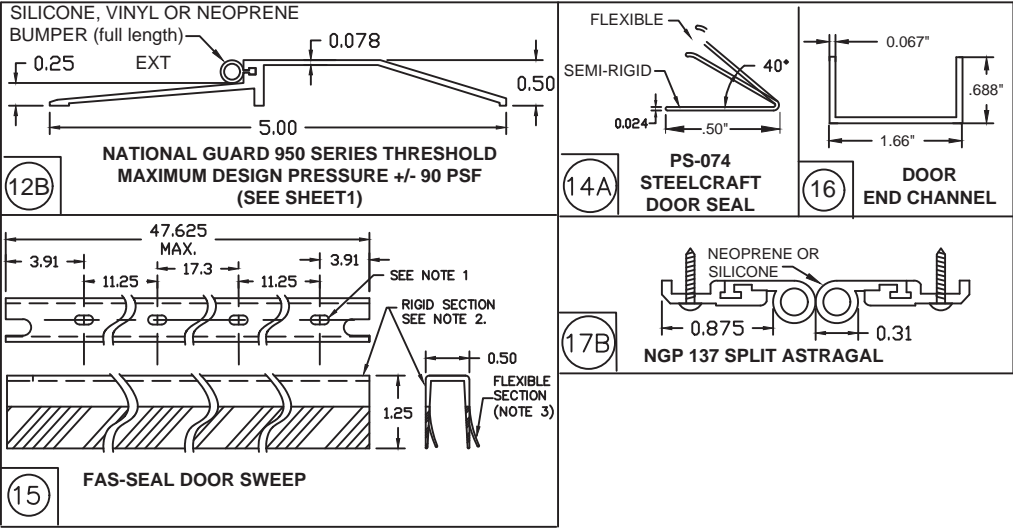


Diagram illustrating the hinge jamb and active panels of a door assembly. The diagram shows a cross-section of the door assembly, including the hinge jamb, the active panels, and the hinge reinforcement details. Key components labeled include:

- HINGE JAMB**: The vertical frame on the left side.
- ACTIVE**: The central panels of the door.
- INTERIOR**: The space between the door panels.
- VON DUPRIN MULLION**: A vertical support structure between the panels.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: Seals on the top and sides of the door.
- SEE SHIT. FOR HINGE REIN**: Reference to the hinge reinforcement details.
- SPLIT ASTRAGAL**: A component at the bottom of the door assembly.
- 14A**: Callouts pointing to the hinge jamb and the active panels.
- 2**: Callout pointing to the Von Duprin Mullion.
- 17B**: Callout pointing to the Split Astragal.

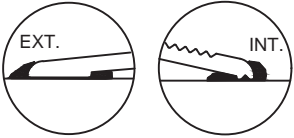
Diagram illustrating the components of a double door assembly:

- HINGE JAMB**: The vertical frame on the left and right sides.
- INTERIOR**: The area between the two doors.
- EXTERIOR**: The area outside the doors.
- ACTIVE**: The two doors, each labeled as "ACTIVE".
- SPLIT ASTRAGAL**: A component labeled **17B** located between the two doors, used to seal the gap.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: A seal labeled **14A** applied to the top and side of the door frame.
- SEE SHT. FOR HINGE REIN.**: A reference to another sheet for hinge reinforcement details.

This diagram illustrates the cross-section of a door assembly. It shows a central door panel with an 'ACTIVE' section, flanked by 'HINGE JAMB' sections. The door is shown in a closed position, with a 'DOOR SEAL APPLIED TO HEAD AND JAMBS'. The diagram includes labels for 'INTERIOR', 'EXTERIOR', 'HOLLOW METAL MULLION', and '28'. Callouts '14A' point to the hinge mechanism on the jamb. A note on the right side says 'SEE SHT.3 FOR HINGE REIN.'.

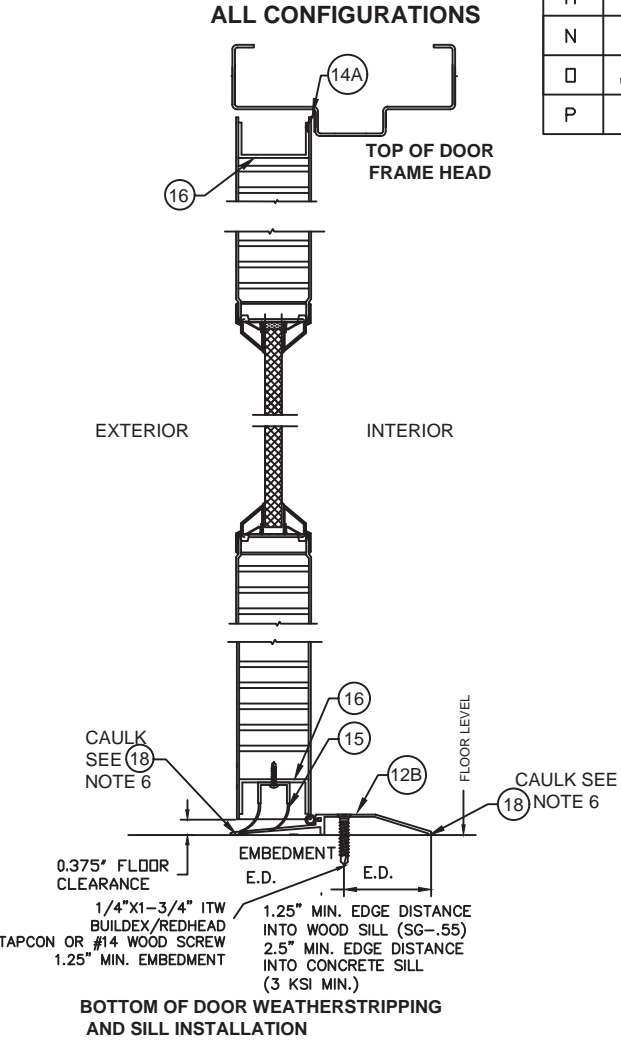
Diagram illustrating the hinge assembly components and their application:

- HINGE JAMB**: The vertical component on the left, labeled **14A**.
- INACTIVE**: The central hinge component, labeled **14A**.
- ACTIVE**: The central hinge component, labeled **14A**.
- INTERIOR**: The label for the central hinge assembly.
- HINGE JAMB**: The vertical component on the right, labeled **14A**.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: The label for the seal on the right jamb.
- SEE SHT. FOR HINGE REIN**: The label for the hinge reinforcement on the right jamb.



TYPICAL THRESHOLD SET INTO
BEAD OF CAULK SEE NOTE 6

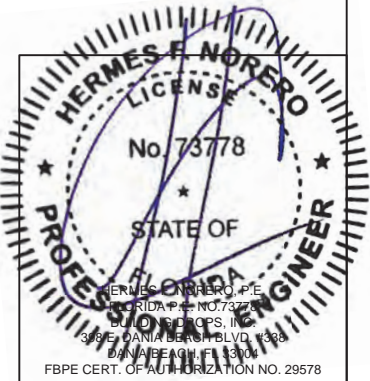
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B	REVISED	DWG	RAP	11/26/07	
C	REVISED	DWG	YMF	12/14/07	
D	REVISED	DWG	YMF	12/14/08	
E	REVISED	DWG	YMF	02/05/09	
F	REVISED	DWG	YMF	01/04/10	
G	REVISED	DWG	YMF	04/08/10	
H	REVISED	NAME	JPD	11/01/13	
J	REVISED	DWG	JPD	02/01/15	
K	REVISED	DWG	JPD	05/05/15	
L	ENGINEER	CHANGE	LA	03/14/17	
M	ADDRESS	UPDATE	SM	02/27/20	
N	2020 FBC	UPDATE	NUS	07/07/20	
D	ANCHOR/STRIKE	UPDATE	LL	04/06/22	
P	2023 FBC	UPDATE	OL	07/12/23	



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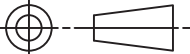
Expiration Date 05/05/2028

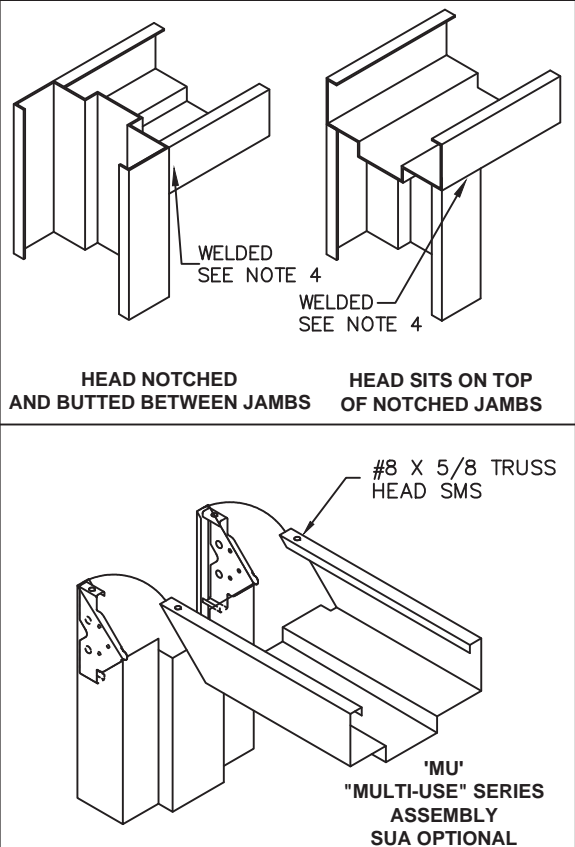
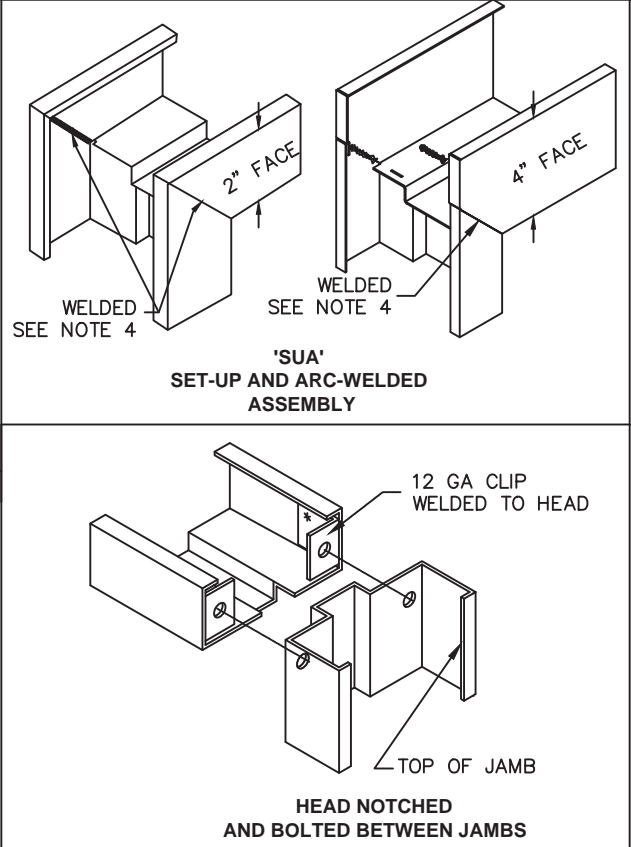
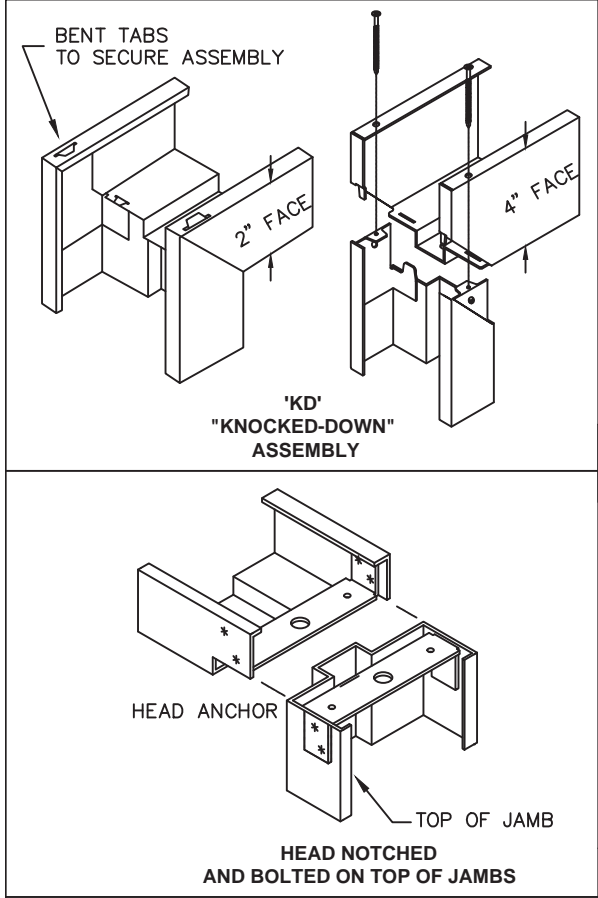
By _____
Miami-Dade Product Control



NOTES:

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A) AND THRESHOLD (12B) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER NGP SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. IRGD07	REV P
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD	SHEET 8 of 20	



NOTES:

- DOOR CONSTRUCTION
 - NOMINAL DOOR THICKNESS – 1 3/4"
 - DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER (SEE SHEET 2 FOR AVAILABLE HARDWARE)
- FRAME CONSTRUCTION
 - NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
 - FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE 6)
- FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7.
- CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION – E70XX.

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OPTIONAL FRAME PROFILE SINGLE RABBIT

R E V I S I O N S				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF 05/20/07		
D	REVISED DWG	YMF 12/14/08		
E	REVISED PER_MDBCCO	YMF 02/05/09		
F	REVISED PER-MDBCCO	YMF 01/04/10		
G	REVISED PER_MDBCCO	YMF 04/08/10		
H	REVISED NAME	JPD 11/01/13		
J	REVISED DWG	JPD 02/01/15		
K	REVISED DWG	JPD 05/05/15		
L	ENGINEER CHANGE	LA 03/14/17		
M	ADDRESS UPDATE	SM 02/27/20		
N	2020 FBC UPDATE	NUS 07/07/20		
O	ANCHOR/STRIKE UPDATE	LL 04/06/22		
P	2023 FBC UPDATE	OL 07/12/23		

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

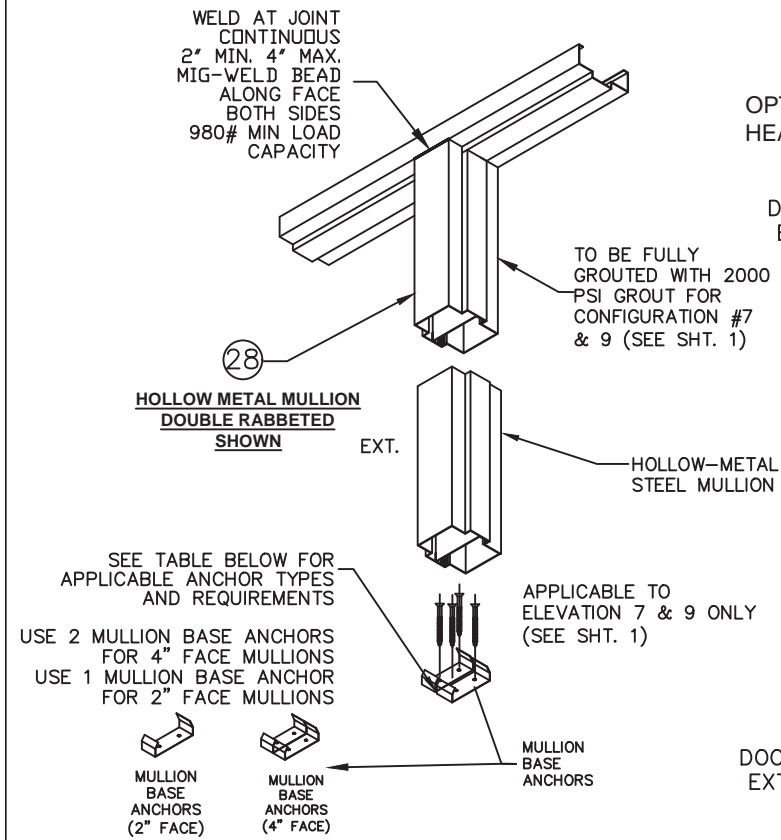
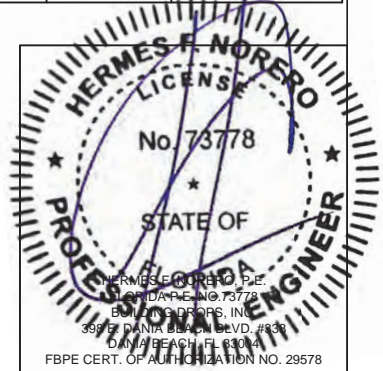
FRAME SERIES	JAMB DEPTH	MAX. OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" NOM.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067"

TABLE 5. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

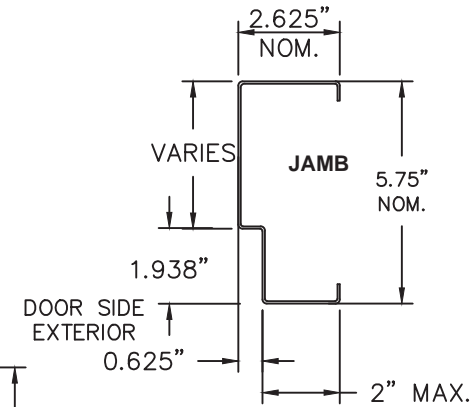
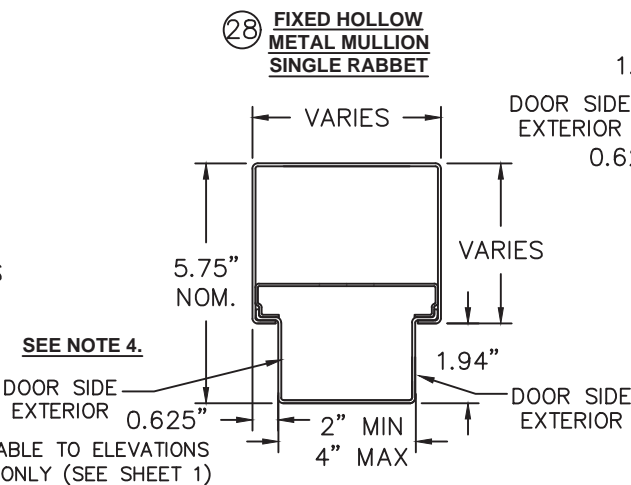
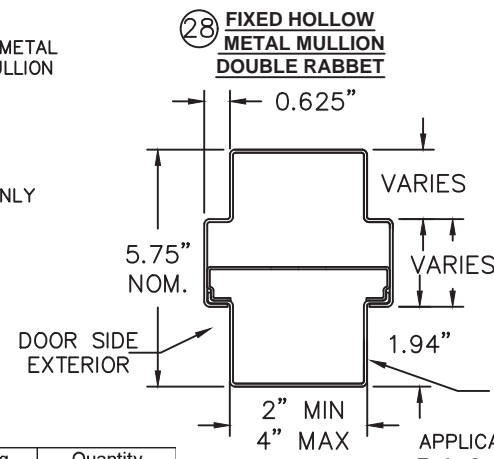
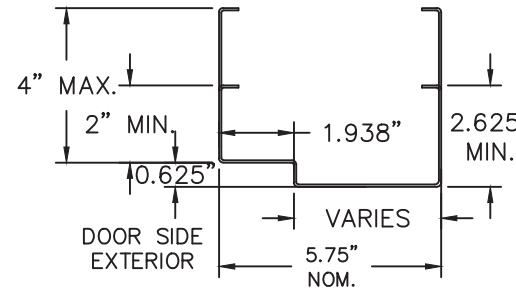
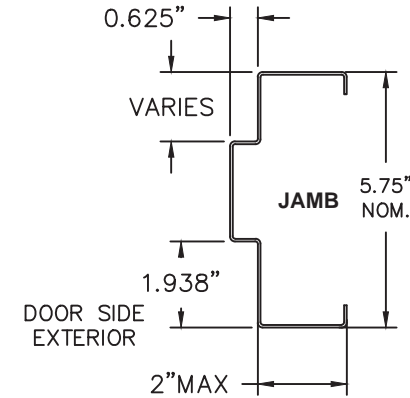
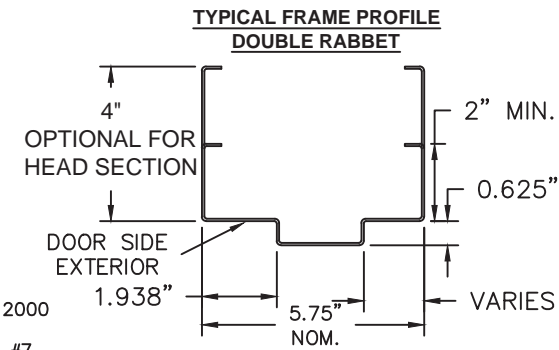
CORE MATERIAL PER SHT.16	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	VARIES SEE SHEET 2 TABLE 1		CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	VARIES SEE SHEET 2 TABLE 1		STAINLESS STEEL	16/.053"

TABLE 7. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSi	TENSILE KSi
CRS	A366	MIN. 41.5	MIN. 52.4
HRS	A1011		
GALV: A60	A924	MIN. 41.5	MIN. 73.2
SS: 304,316	A240		



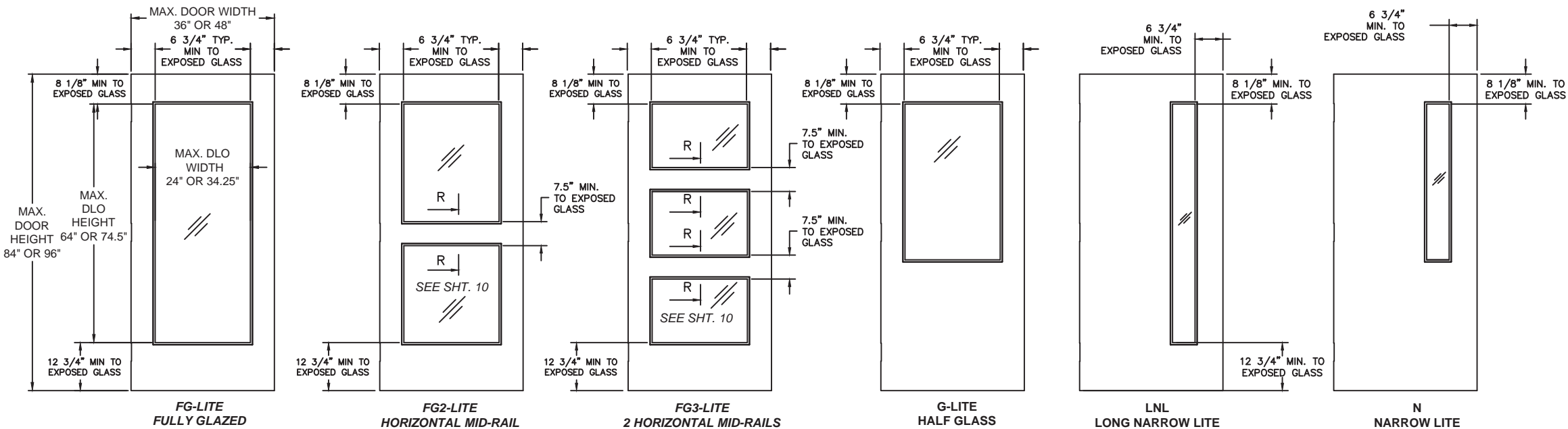
Anchor	Embedment	Edge Distance	Conc. Strength	Spacing	Quantity
Elco 5/16" Ultracon	2"	3.75"	3515 psi	3-3/8" Thru Base Anchor	2 per Base Anchor (2 for 2" Face 4 for 4" Face)
Powers 3/8" Power-Bolt	2"		3000 psi		
Powers 3/8" Lok Bolt AS	1-1/4"				
Hilti 3/8" Kwik Bolt T2Z	2"				
Dewalt 3/8" Screw-Bolt+	2"				



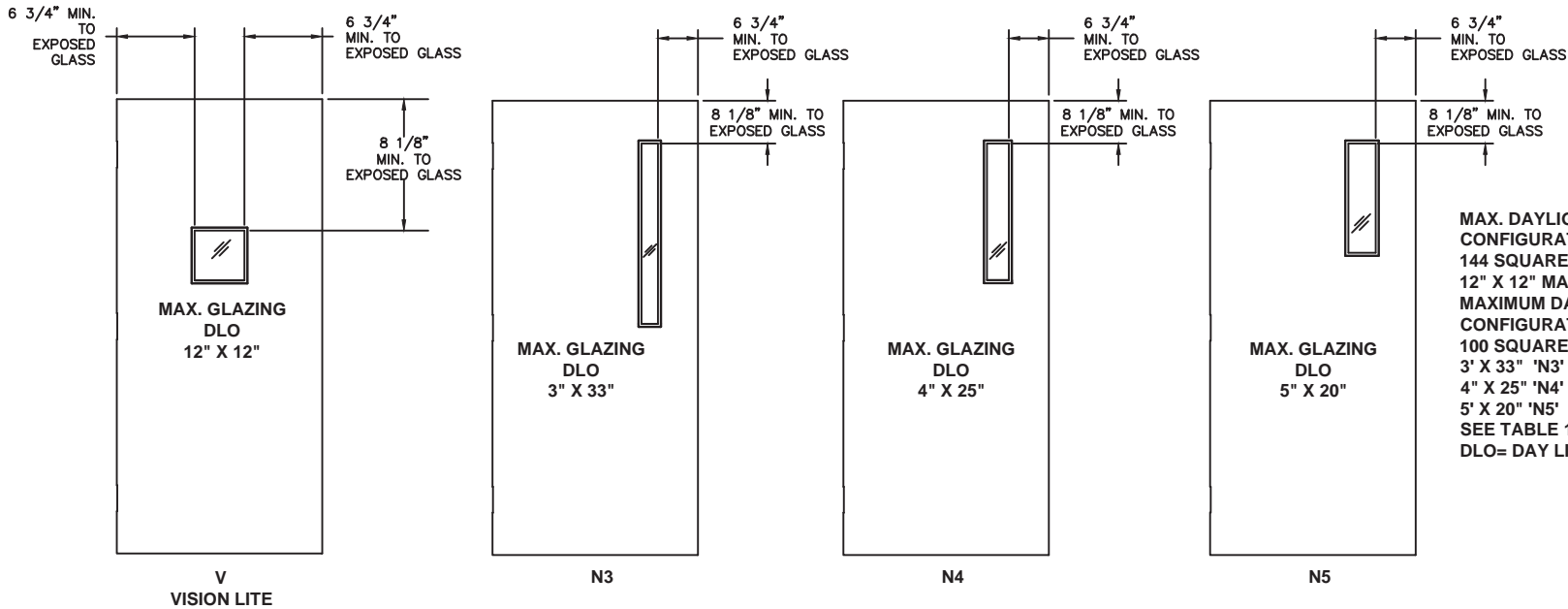
HOLLOW MULLION MATERIAL: MINIMUM THICKNESS IS 0.053" (16 Ga.)
MINIMUM YIELD STRENGTH = 58,000 PSI
MINIMUM TENSILE STRENGTH = 45,700 PSI

BEND RADIUS	MULLION BASE ANCHORS
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/20/07
CHECKED	
APPROVED	
ENG. APPVL JPD	10/12/07

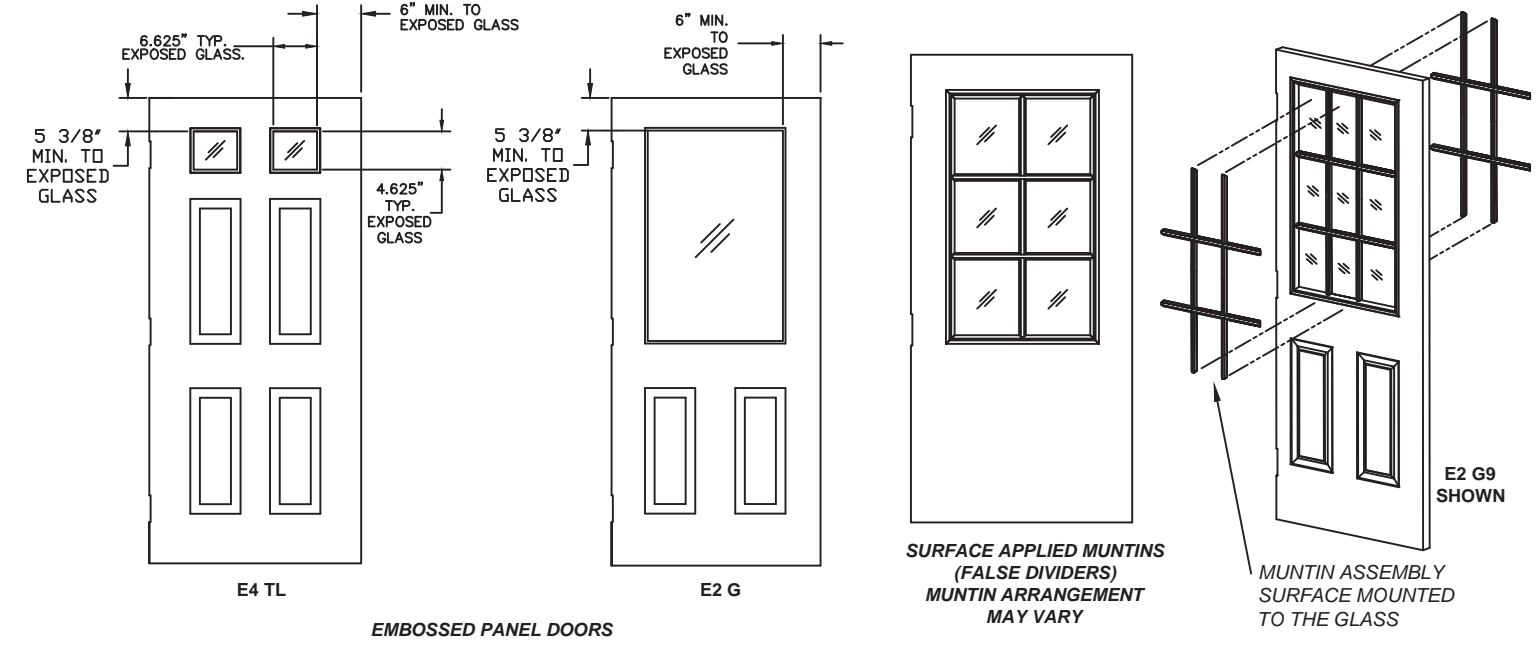
SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS		REV P	
SIZE	FLAT	DWG NO.	IRGD07
SCALE:	NTS	AUTOCAD	SHEET 9 OF 20




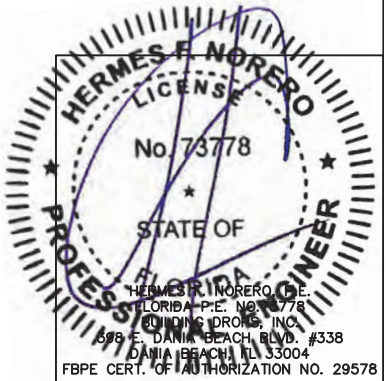
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F	REVISED	PER_MDBCCO	YMF	01/04/10
G	REVISED	PER_MDBCCO	YMF	04/08/10
H	REVISED	NAME	JPD	11/01/13
J	REVISED	DWG	JPD	02/01/15
K	REVISED	DWG	JPD	05/05/15
L	ENGINEER	CHANGE	LA	03/14/17
M	ADDRESS	UPDATE	SM	02/27/20
Q	ANCHOR/STRIKE	UPDATE	LL	04/06/22
P	2023 FBC	UPDATE	DL	07/12/23

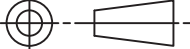


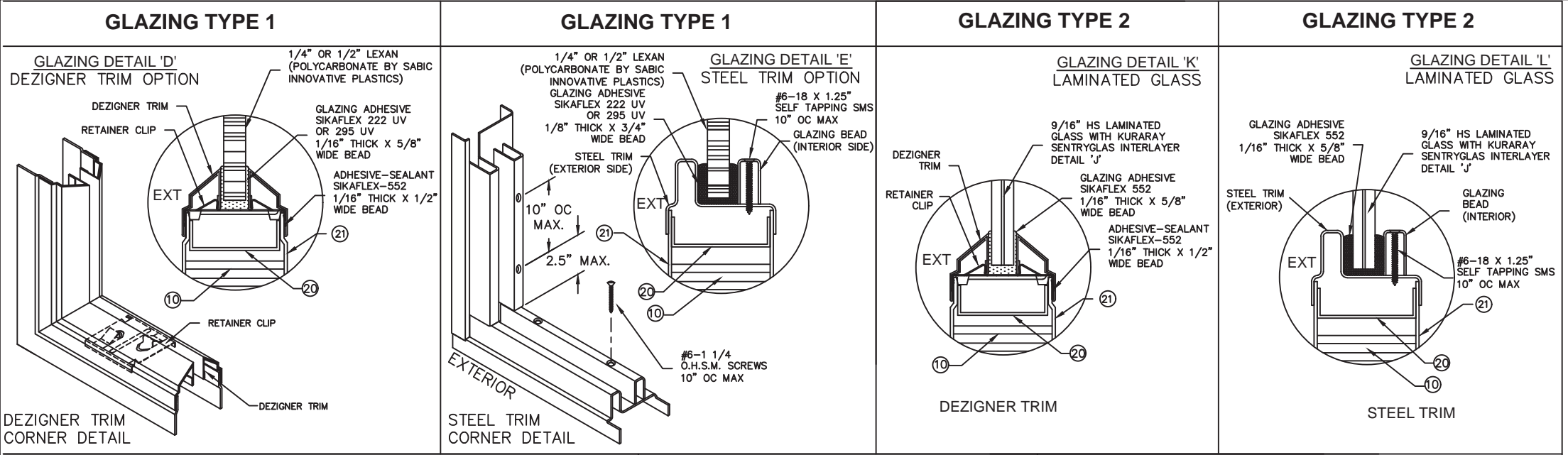
- NOTES:
1. DOOR CONSTRUCTION
 2. NOMINAL DOOR THICKNESS – 1 3/4"
 3. ALL GLASS LITE TYPES SHOWN ON THIS SHEET ARE AVAILABLE FOR ALL DOOR CONFIGURATIONS SHOWN ON SHEET 1 AND TABLE 1 SHEET 2 EXCEPT FOR CONFIGURATIONS 3A AND 3B. SEE NOTE 4
 4. DOOR CONFIGURATION 3A AVAILABLE WITH 'V' VISION LITE AND 3B IS AVAILABLE WITH N3, N4 AND N5 TYPE LITE. (SEE TABLE 1 SHEET 2)
 5. MAXIMUM GLAZING DLO HEIGHT AND WIDTH AS PER SHEETS 1, 2, AND 10.
 6. GLAZING OPENING DLO SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE.(SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
 7. DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER.
 8. GLASS LITES NOT LIMITED TO THOSE SHOWN, PROVIDED DIMENSIONS SHOWN ARE MAINTAINED. SEE TABLE 1 SHEET 2)
 9. DOORS WITH MULTIPLE GLASS LITES ARE NOT LIMITED TO THE DESIGNS SHOWN, PROVIDED THE DIMENSIONS SHOWN ARE MAINTAINED.(SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
 10. WHEN USING A CONTINUOUS HINGE THE MINIMUM DISTANCE FROM THE EDGE OF THE DOOR TO EXPOSED GLASS IS 6–1/4" AT STILES AND 7–1/2" AT MID RAIL.
 11. DLO = DAYLIGHT OPENING (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)



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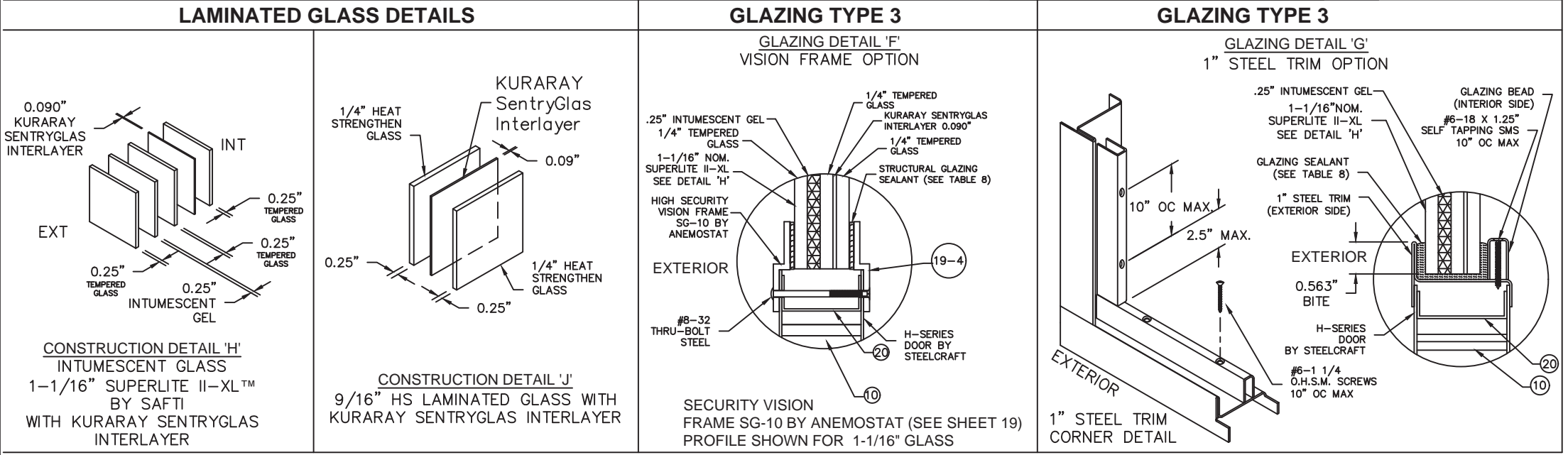


BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>			<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES				
DRAWN	DATE	GLASS DOOR CONFIGURATIONS.				
YMF	05/20/07					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO.	REV	
				IRGD07	P	
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHEET 10 OF 20	
JPD	11/15/07					

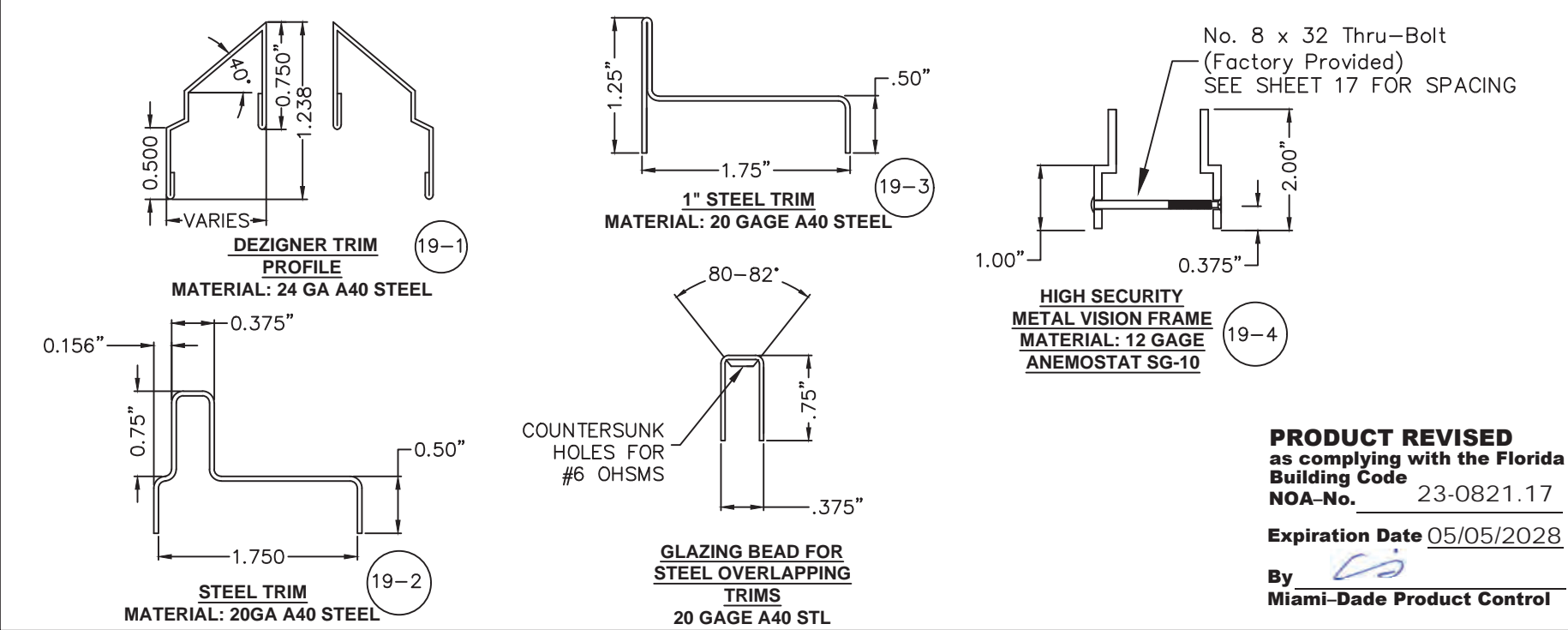


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D	REVISED	DWG.	YMF	12/15/08
E	REVISED	PER_MDBCCO	YMF	12/15/08
F	REVISED	PER_MDBCCO	YMF	01/04/10
G	REVISED	PER_MDBCCO	YMF	04/08/10
H	REVISED	NAME	JPD	11/01/13
J	REVISED	DWG	JPD	02/01/15
K	REVISED	DWG	JPD	05/05/15
L	ENGINEER	CHANGE	LA	03/02/17
M	ADDRESS	UPDATE	SM	02/27/20
O	ANCHOR/STRIKE	UPDATE	LL	04/06/22
P	2023 FBC	UPDATE	OL	07/12/23

TABLE 8.

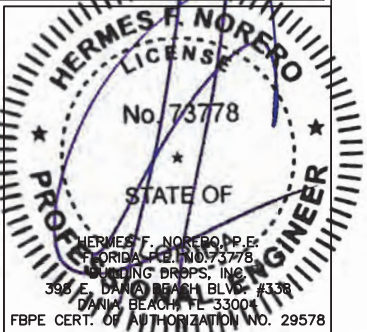


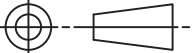
GLAZING TYPES AND METHODS			
GLAZING TYPE	GLAZING MATERIAL	TRIM TYPE	GLAZING SEALANT
1	LEXAN BY SABIC INNOVATIVE PLASTICS 1/4" OR 1/2" DETAILS 'D' & 'E'	DESIGNER 1/2" OR 1/4"	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		STEEL TRIM	
2	9/16" HS LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER DETAILS 'J', 'K' & 'L'	DESIGNER 1/2"	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		STEEL TRIM	
		1" STEEL TRIM	
3	1-1/16" SUPERLITE II-XL™ BY SAFTI WITH KURARAY SENTRYGLAS INTERLAYER and DETAILS 'H', 'F' & 'G'	1" STEEL TRIM (DETAIL 'G')	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		SECURITY VISION FRAME SG-10 BY ANENEMOSTAT (DETAIL 'F')	

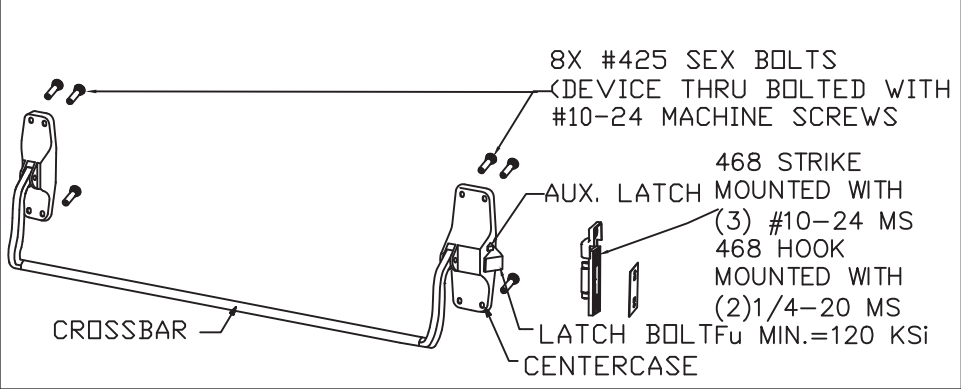


NOTES:

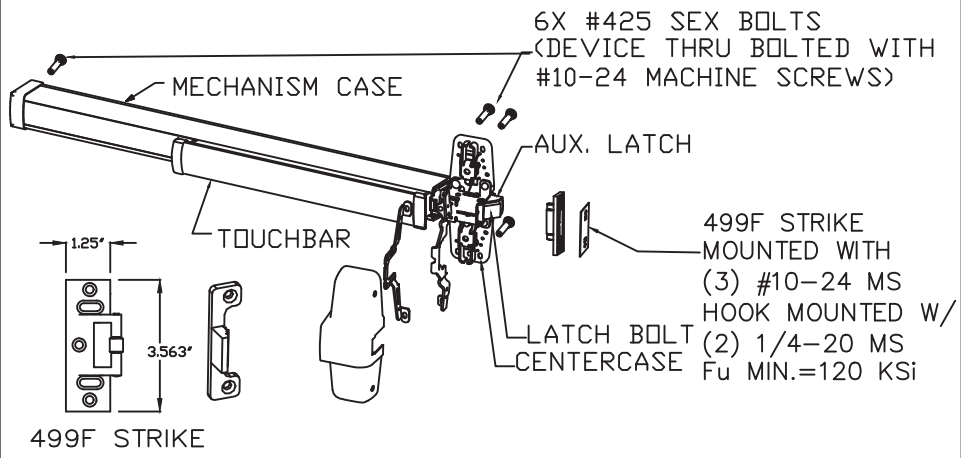
1. SEE SHT.1 FOR ELEVATIONS, SHT.2 FOR SIZES AND SHT.9 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.
2. SEE SHTS. 4 & 20 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM AND REQUIREMENTS, AND SHEETS 9 & 13 FOR MULLION ANCHORING.
3. SEE SHT. 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. APPROVED HARDWARE ON SHEETS 1, 2, 3, 5, 6, 12-15, AND 19
5. HARDWARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



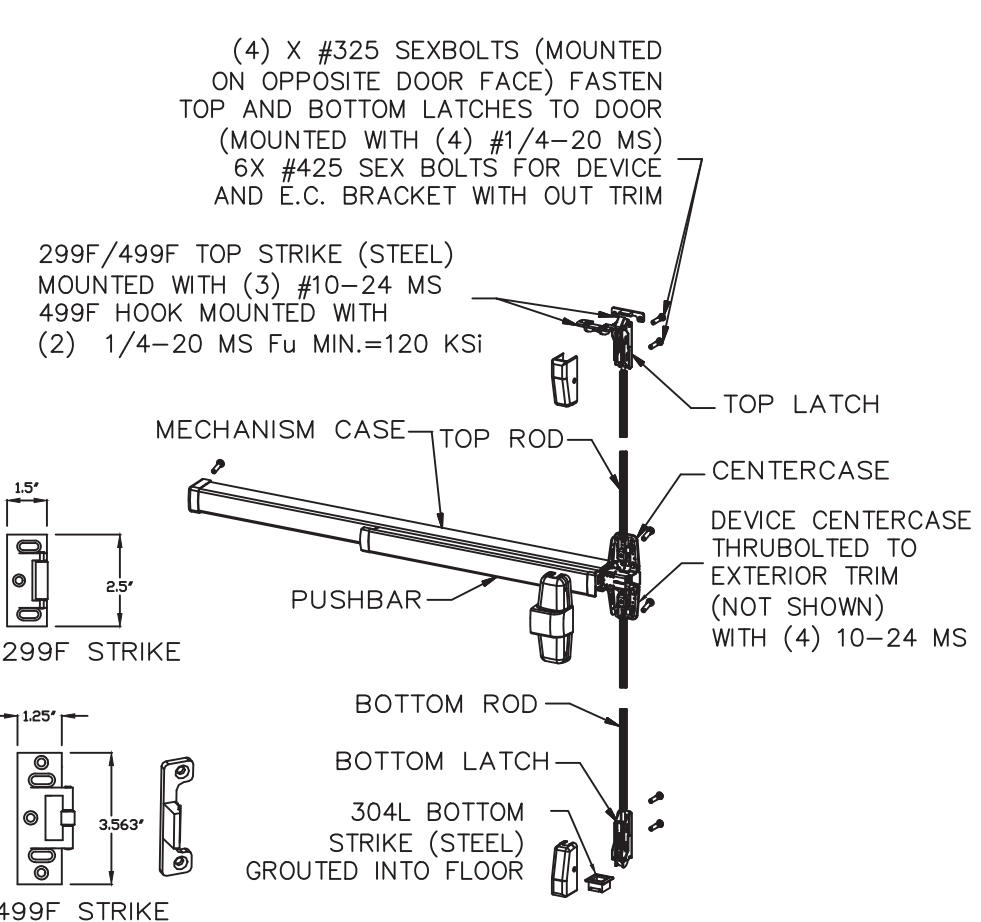
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div> <div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>					
<div></div> <div>THIRD ANGLE PROJECTION</div>							
DRAWN YMF		DATE 05/20/07		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOOR WITH AND WITHOUT PANIC EXIT DEVICES GLASS TRIM OPTIONS.			
CHECKED							
APPROVED							
ENG. APPVL JPD		11/15/07		SIZE	FLAT	DWG NO. IRGD07	REV P
		SCALE:		NTS	AUTOCAD	SHEET 11 of 20	



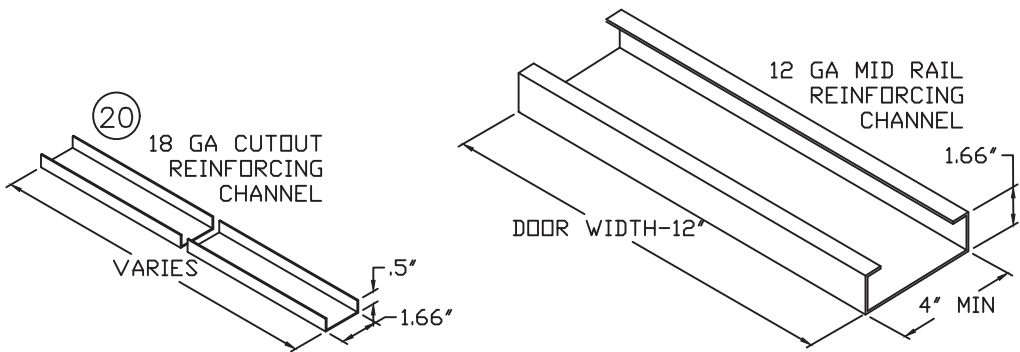
VON DUPRIN 88-F RIM DEVICE, USED IN CONFIGURATIONS: 1 & 2



VON DUPRIN 98, 99, 98-F, 99-F RIM DEVICE
USED IN CONFIGURATIONS: 1 & 2



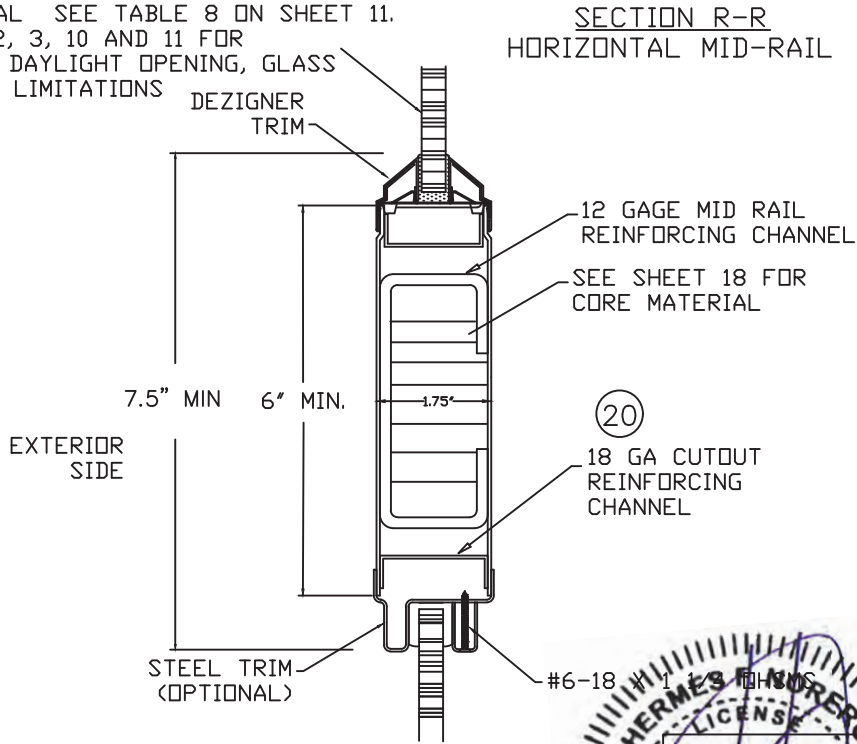
VON DUPRIN 98/9927(F) SURFACE VERTICAL ROD DEVICE
USED IN CONFIGURATIONS: 4



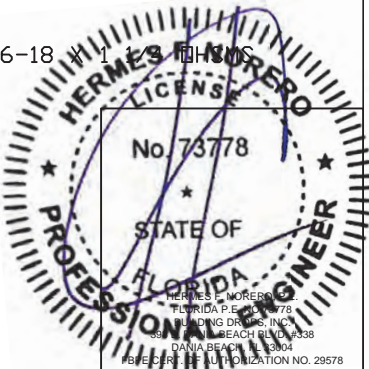
NOTES:
1. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
2. EXIT HARDWARE OPTIONS:
FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN
TRIM: ALL APPLICABLE TRIMS AVAILABLE.
FOR 88-F SERIES - OPTION E; TRIM: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.
TRIM: ALL APPLICABLE TRIMS AVAILABLE.

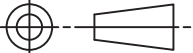
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D	REVISED	DWG	YMF	12/14/08
E	REVISED	PER_MDBCCO	YMF	02/05/09
F	REVISED	PER_MDBCCO	YMF	01/04/10
G	REVISED	PER_MDBCCO	YMF	04/08/10
H	REVISED	NAME	JPD	11/01/13
J	REVISED	DWG	JPD	02/01/15
K	REVISED	DWG	JPD	05/05/15
L	ENGINEER	CHANGE	LA	03/02/17
M	ADDRESS	CHANGE	JPD	01/10/20
O	ANCHOR/STRIKE	UPDATE	LL	04/06/22
P	2023	FBC UPDATE	DL	07/12/23

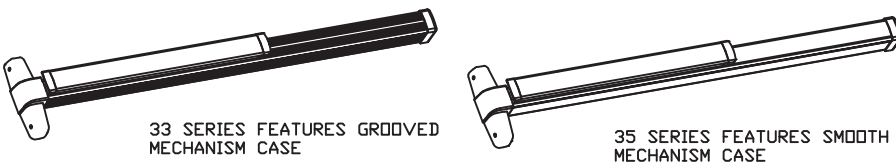
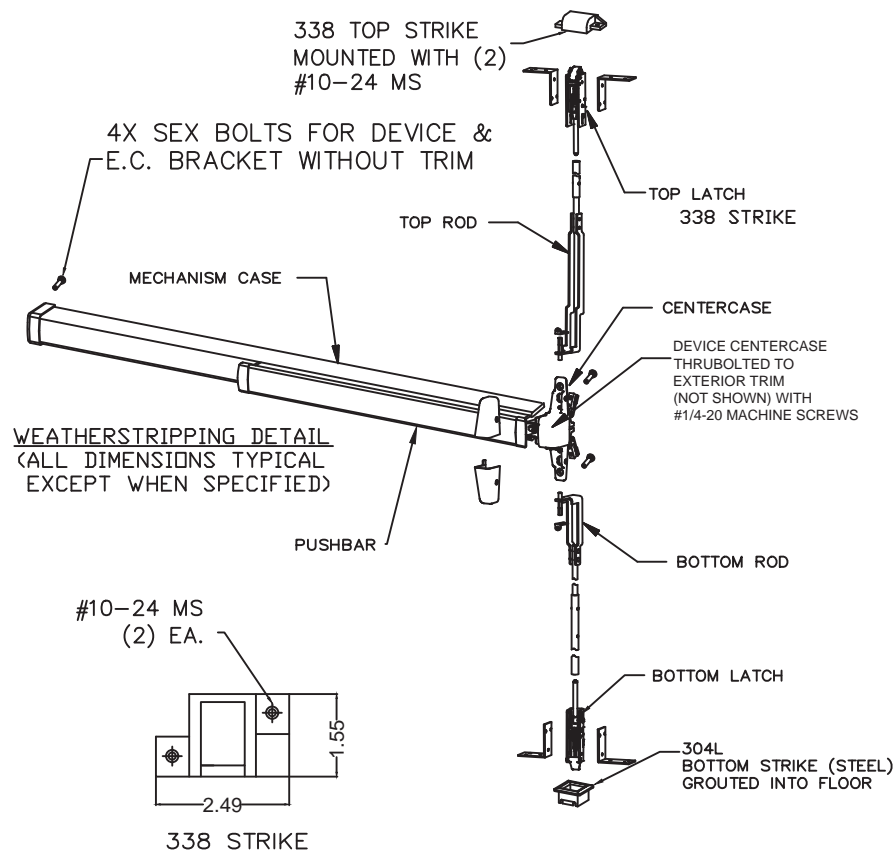
GLAZING MATERIAL SEE TABLE 8 ON SHEET 11.
SEE SHEETS 1, 2, 3, 10 AND 11 FOR
INFORMATION ON DAYLIGHT OPENING, GLASS
TYPES AND SIZE LIMITATIONS



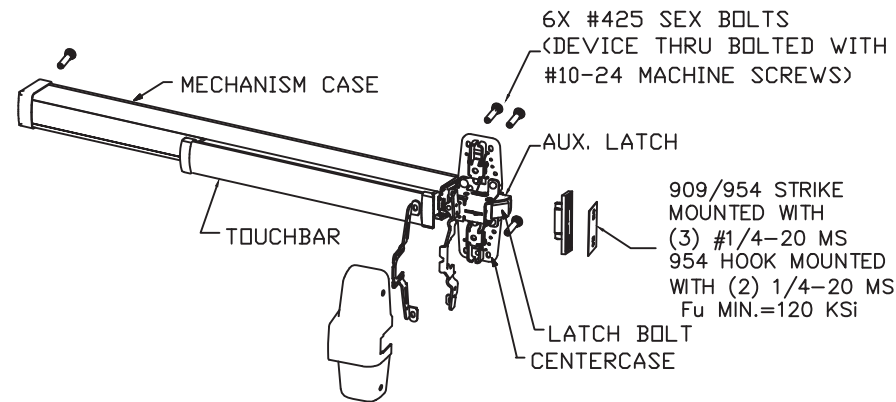
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By Miami-Dade Product Control



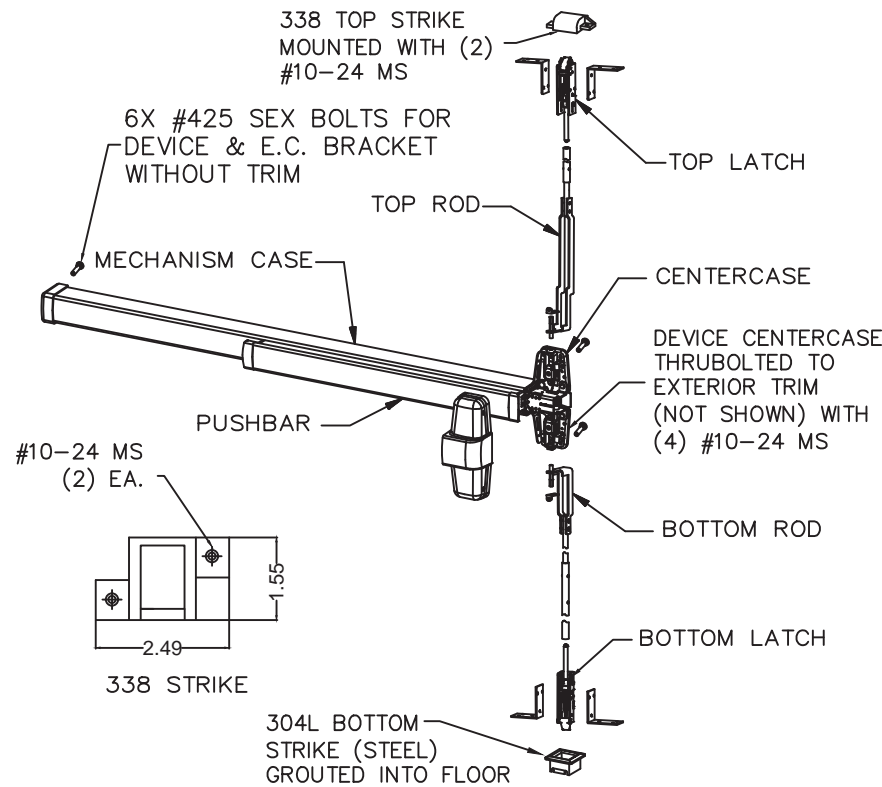
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>			<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES				
DRAWN YMF	DATE 05/20/07	EXIT HARDWARE FOR GLASS DOUBLE DOORS.				
CHECKED	CDATE					
APPROVED	ADATE	SIZE	FLAT	DWG NO.	REV	
				IRGD07	P	
ENG. APPVL JPD	EDATE 11/15/07	SCALE:	NTS	AUTOCAD	SHEET 12 OF 20	



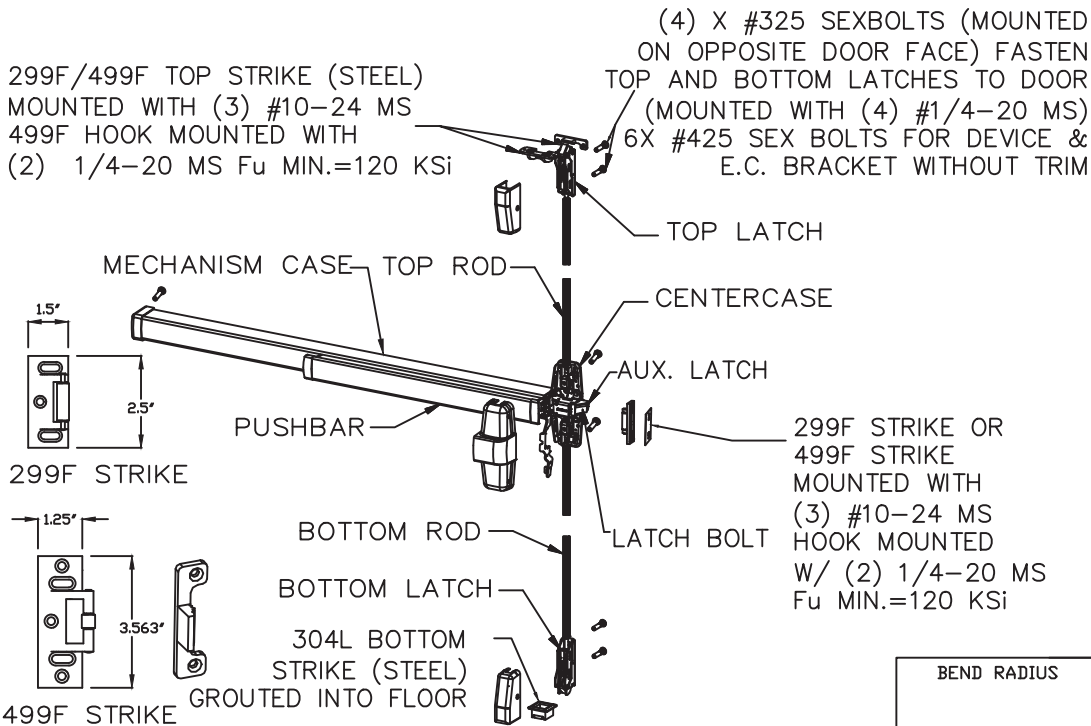
VON DUPRIN 3347A-F, 3547A-F, HH3347A, HH3547A CONCEALED VERTICAL ROD DEVICE USED IN CONFIGURATIONS: 5



VON DUPRIN XP98, XP99, XP98-F, XP99-F RIM DEVICE USED IN CONFIGURATIONS: 3A & 3B



VON DUPRIN 9847-F, 9947-F, HH9847, HH9947 (CONCEALED) VERTICAL ROD USED IN CONFIGURATION: 5



VON DUPRIN 98/9957(F) THREE POINT EXIT DEVICE USED IN CONFIGURATIONS: 6, 7, 8 & 9

NOTE: ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.

EXIT HARDWARE OPTIONS:

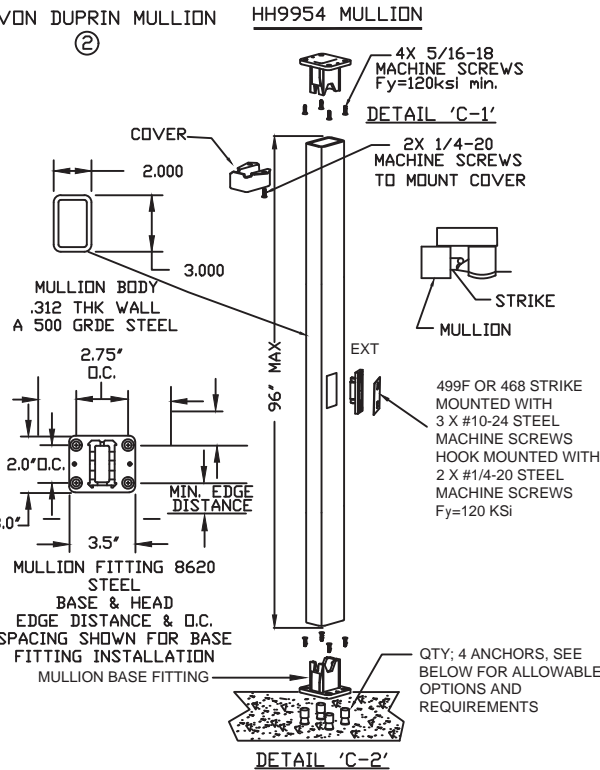
FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN (OPTIONS MAY VARY PER SERIES)

TRIM: ALL APPLICABLE TRIMS AVAILABLE.

FOR 33/35-F SERIES - OPTIONS RX, LX, EL, SS, E, QEL, CX, F, ALK, CD, PN, LD

TRIM: ALL APPLICABLE TRIMS AVAILABLE.

BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/20/07
CHECKED	
APPROVED	
ENG. APPVL JPD	11/15/07



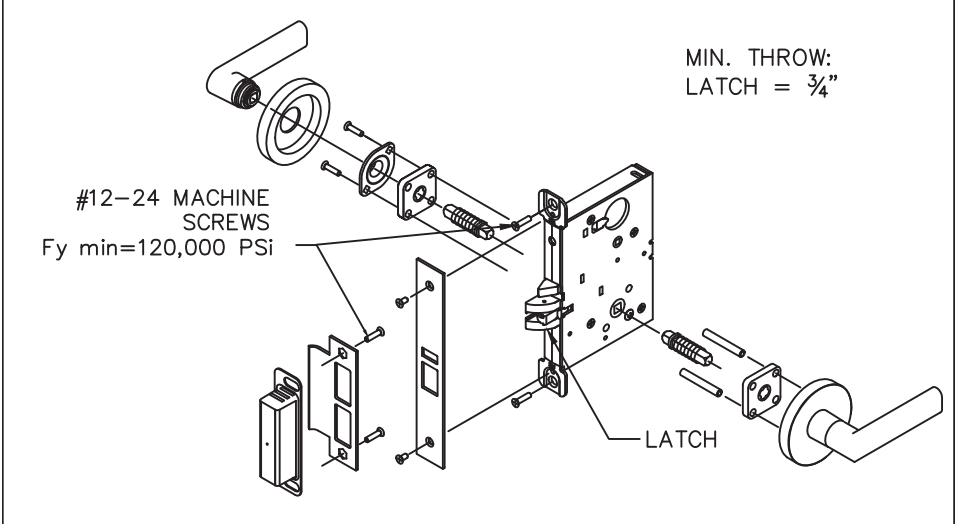
MULLION ANCHOR NOTES:

ALLOWABLE ANCHOR TYPES ARE (SEE ABOVE FOR SPACING REQUIREMENTS):

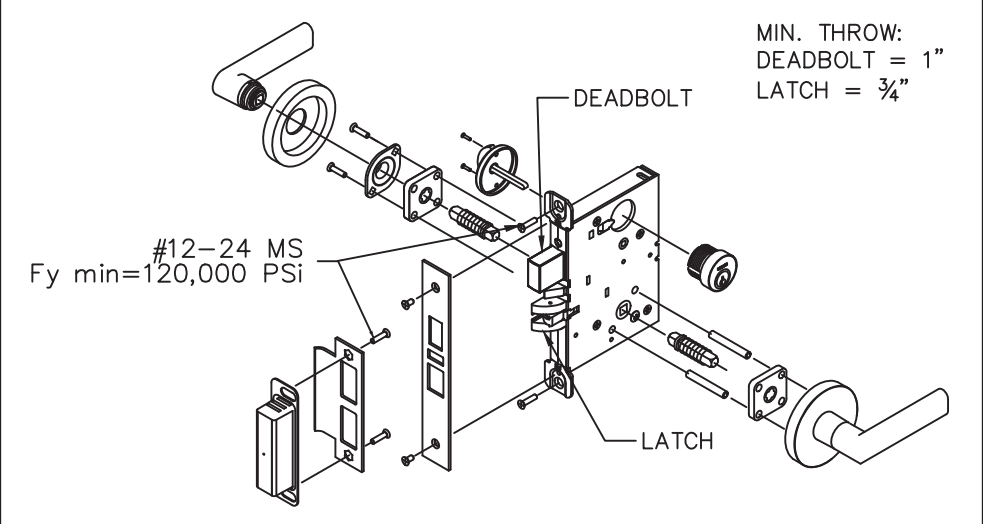
1/4" DEWALT/POWERS SMART DI+ EXPANSION ANCHORS WITH MIN 1" EMBEDMENT AND MIN 2.8" EDGE DISTANCE IN 3000 PSI CONCRETE OR

1/4" HILTI KB-TZ2 (CS OR SS) WITH MIN 1-1/2" EMBEDMENT WITH 3-1/4" EDGE DISTANCE IN 4000 PSI CONCRETE

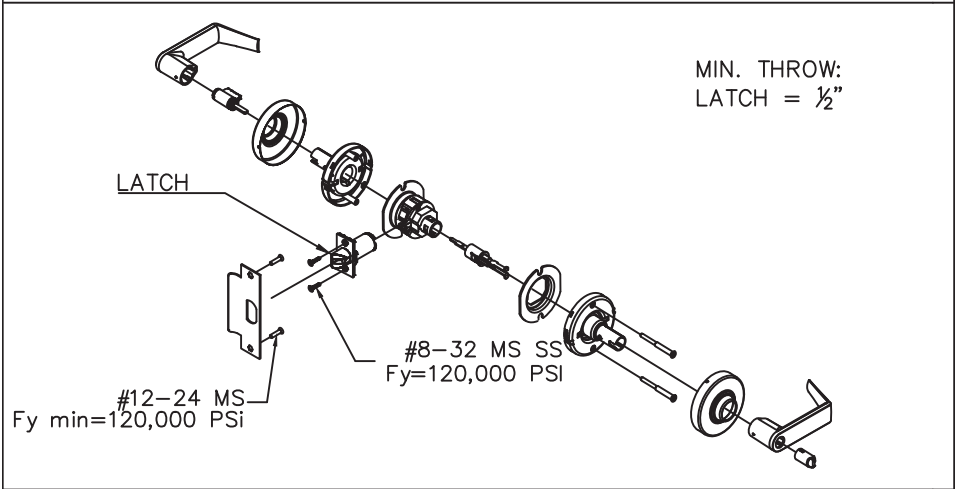
SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES		EXIT HARDWARE FOR GLASS DOUBLE DOORS.	
SIZE	FLAT	DWG NO.	REV
		IRGD07	P
SCALE:	NTS	AUTOCAD	SHEET 13 OF 20



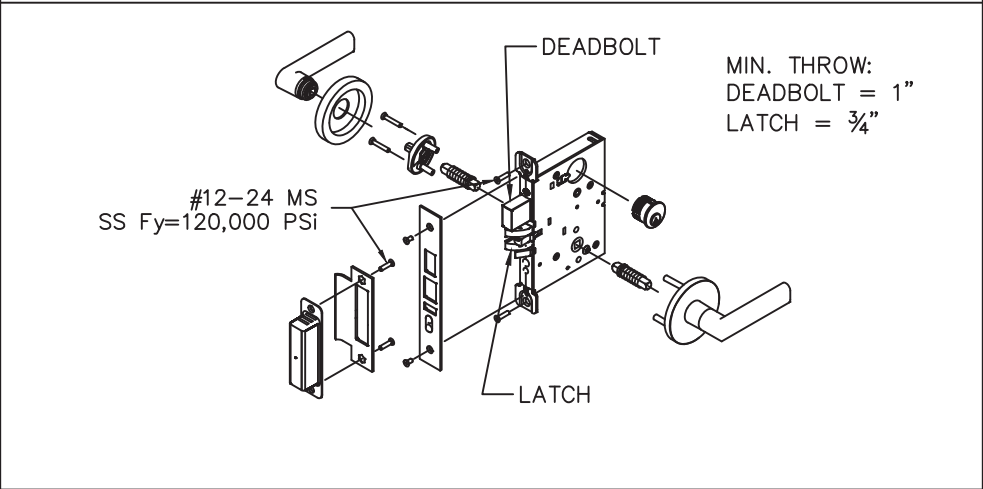
SCHLAGE L/LV 9000 SERIES MORTISE LOCKSET W/O DEADBOLT
USED IN CONFIGURATIONS: 10



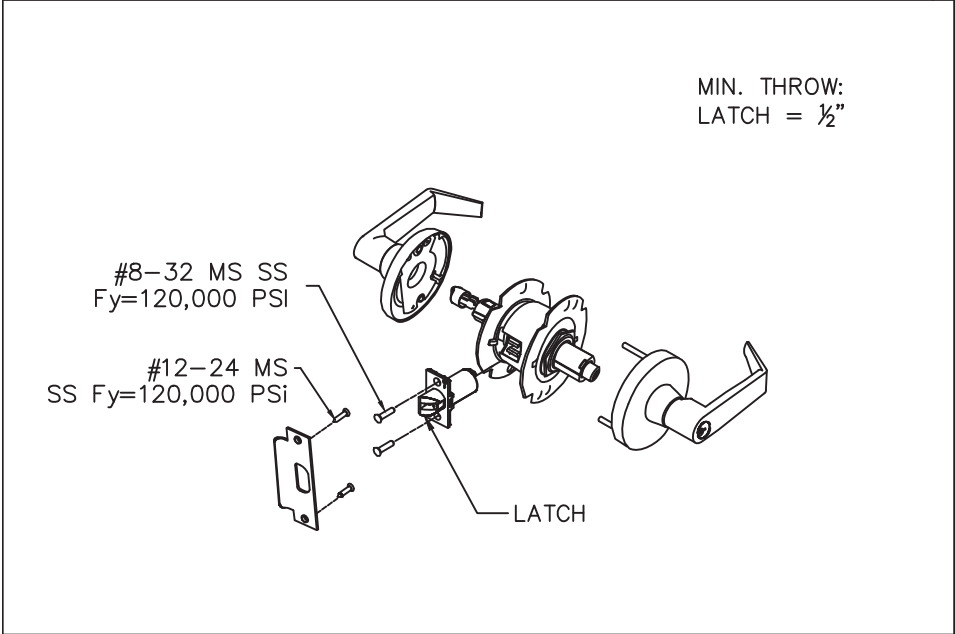
SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET W/ DEADBOLT
USED IN CONFIGURATIONS: 10



SCHLAGE D/ND-SERIES CYLINDRICAL LEVER LOCKSET
(MIN. 1/2" THROW LATCH). USED IN CONFIGURATIONS: 11



FALCON MA-SERIES MORTISE LOCKSET W/ DEADBOLT SHOWN
USED IN CONFIGURATIONS: 10



FALCON, T-SERIES CYLINDRICAL LEVER LOCKSET
(MIN. 1/2" THROW LATCH). USED IN CONFIGURATIONS: 11

NOTE:

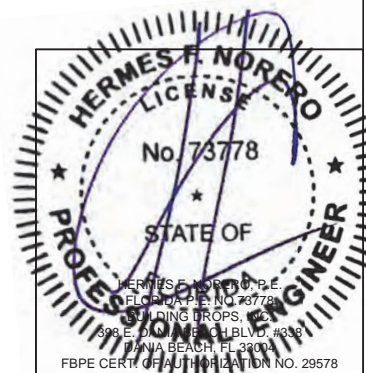
ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED
HARDWARE ARE ACCEPTABLE. INSTALLATION AND
APPLICATION IS UNDER SEPARATE APPROVAL AND IS
REVIEWED BY THE CORRESPONDING AUTHORITY.

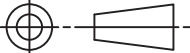
R E V I S I O N S					
LTR	DESCRIPTION			DATE	APPROVED
A	APPROVAL	DWG	YMF	05/20/07	
B	REVISED	DWG	RAP	11/26/07	
C	REVISED	DWG	RAP	12/14/07	
D	REVISED	DWG	YMF	12/14/08	
E	REVISED	PER_MDBCCO	YMF	02/05/09	
F	REVISED	DWG	YMF	12/18/09	
G	REVISED	PER_MDBCCO	YMF	04/08/10	
H	REVISED	NAME	JPD	11/01/13	
J	REVISED	DWG	JPD	02/01/15	
K	REVISED	DWG	JPD	05/05/15	
L	ENGINEER	CHANGE	LA	03/14/17	
M	ADDRESS	UPDATE	SM	02/27/20	
N	2020	FBC	UPDATE	NUS	07/07/20
O	ANCHOR/STRIKE	UPDATE	LL	04/06/22	
P	2023	FBC	UPDATE	OL	07/12/23

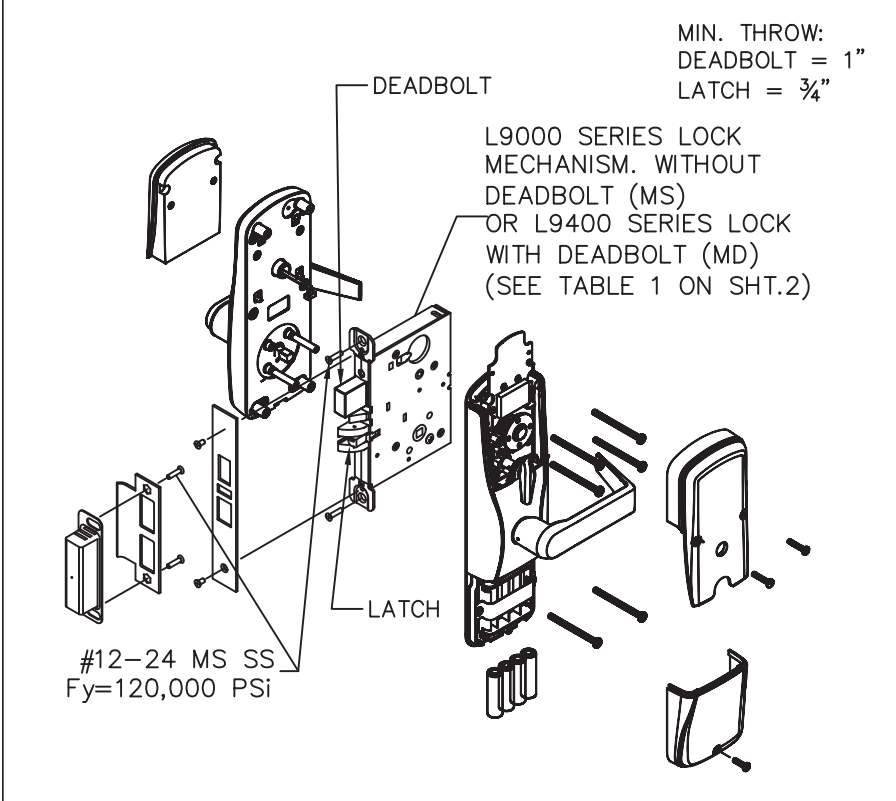
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17

Expiration Date 05/05/2028

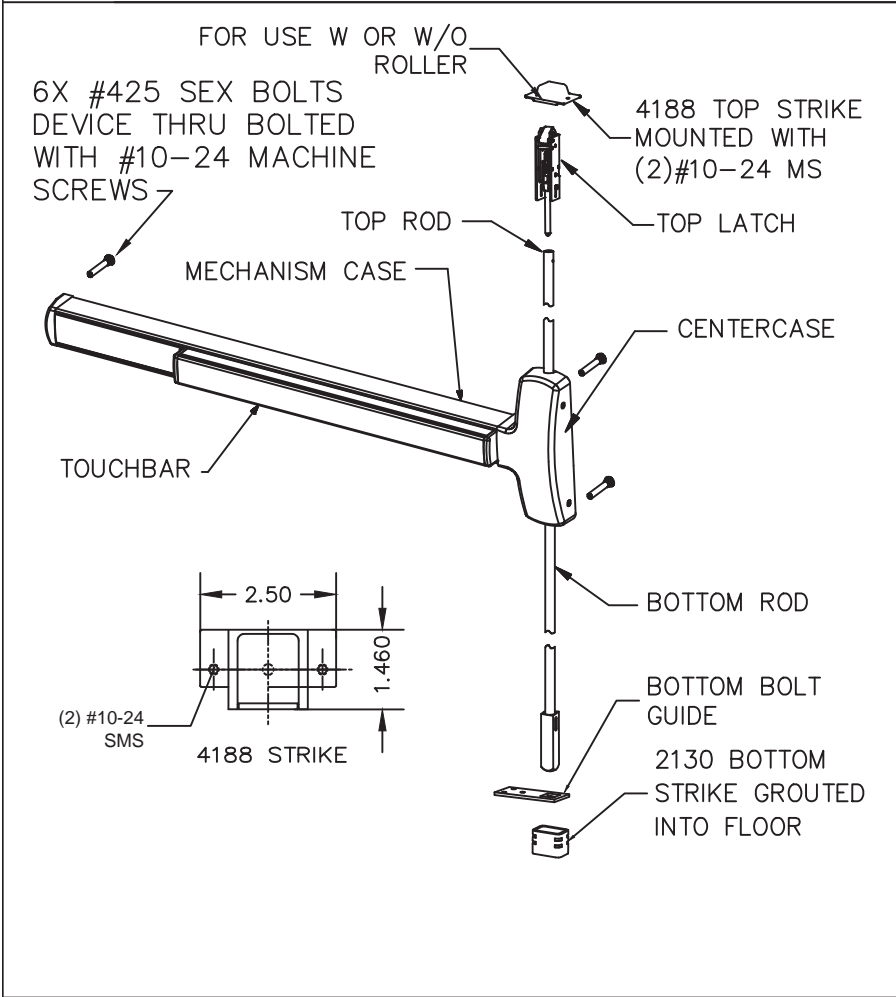
By 
Miami-Dade Product Control



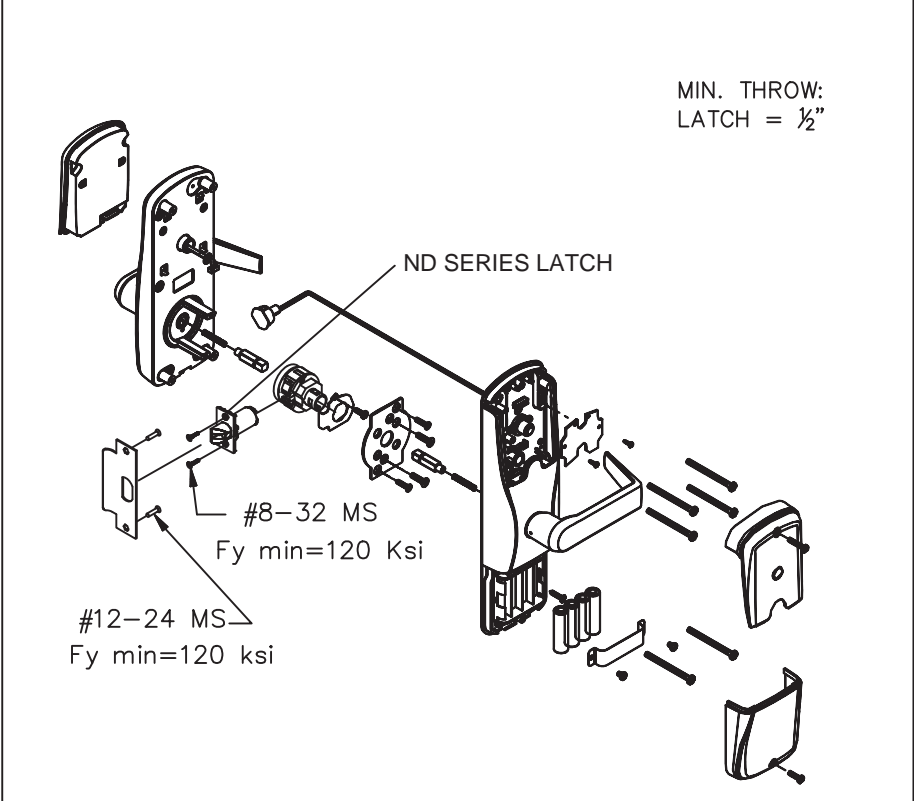
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES HARDWARE FOR GLASS DOUBLE DOORS.				
DRAWN YMF	DATE 05/20/07					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO.	IRGD07	REV P
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD	SHEET	14 of 20



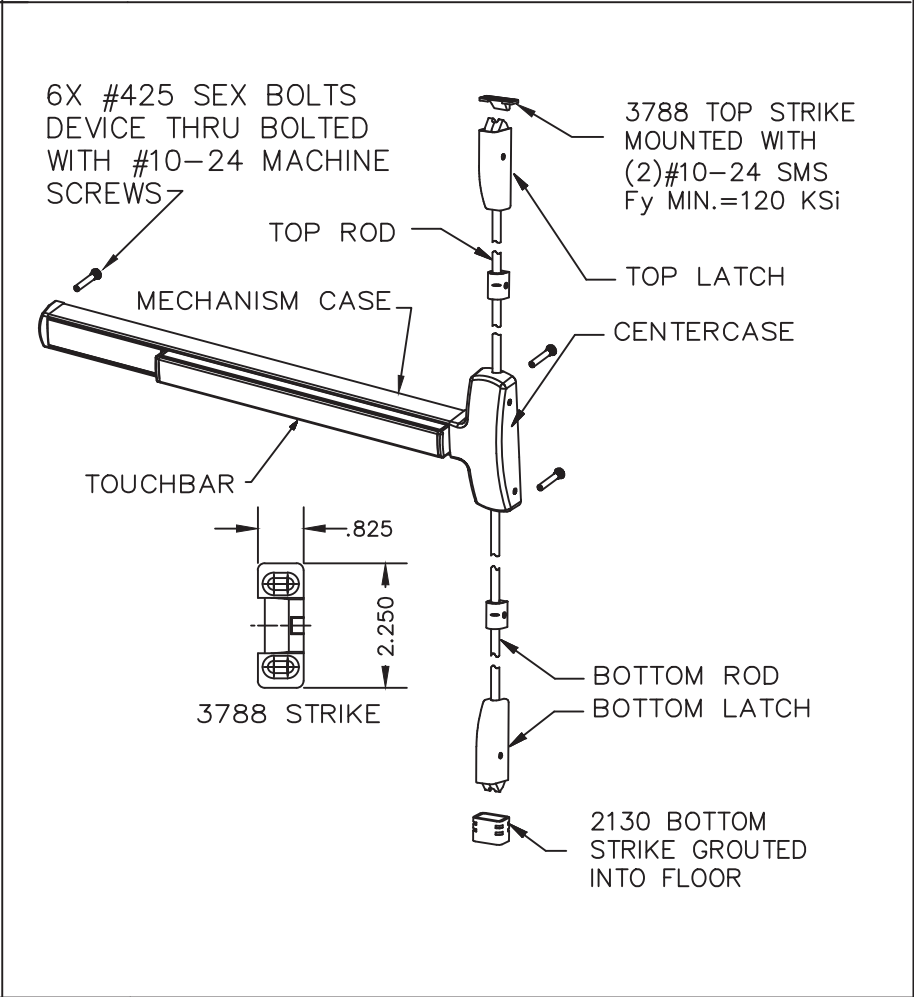
SCHLAGE AD/CO MD OR MS SERIES MORTISE LOCKSET
USED IN CONFIGURATIONS: 10 (SEE SHT. 1)



FALCON F-25-C **CONCEALED VERTICAL ROD EXIT DEVICE**
USED IN **DOOR CONFIGURATION 5** (SEE SHT.1)



SCHLAGE AD/CO CY SERIES CYLINDRICAL LOCKSET
USED IN CONFIGURATIONS: 11 (SEE SHT.1)




FALCON 25-V, F-25-V **SURFACE VERTICAL ROD EXIT DEVICE**
USED IN **DOOR CONFIGURATION 4** (SEE SHT.1)

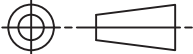
R E V I S I O N S				
LTR	DESCRIPTION	DATE	APPROVED	
F	ADDED	12/18/09		
G	REVISED_PER_MDBCCO	04/08/10		
H	REVISED_NAME	11/01/13		
J	REVISED	05/05/15		
L	ENGINEER	CHANGE	LA	03/14/17
M	ADDRESS	CHANGE	JPD	01/10/20
O	ANCHOR/STRIKE	UPDATE	LL	04/06/22
P	2023 FBC	UPDATE	OL	07/12/23

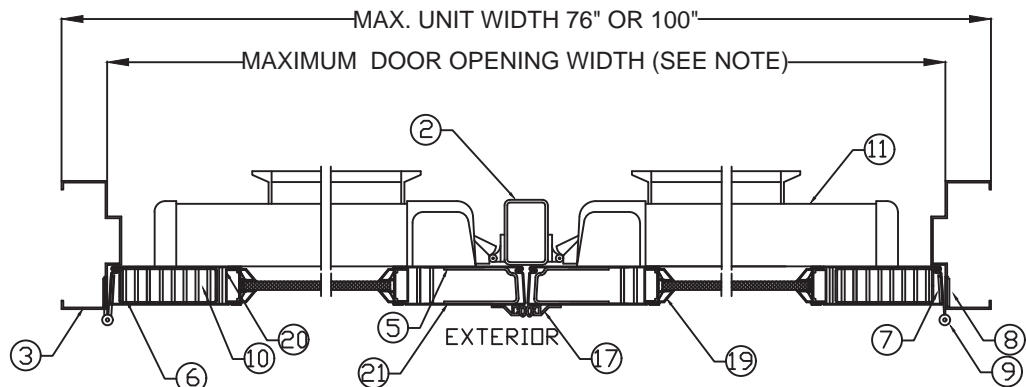
EXIT HARDWARE OPTIONS:
F-25-C & (F)25-V SERIES - OPTIONS AE, DM,
LM, LK, KOR, MEL, EA, FSA, FSE, CD, RX, LD
TRIMS: ALL APPLICABLE TRIMS AVAILABLE.

NOTE: ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE.
INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE
CORRESPONDING AUTHORITY.

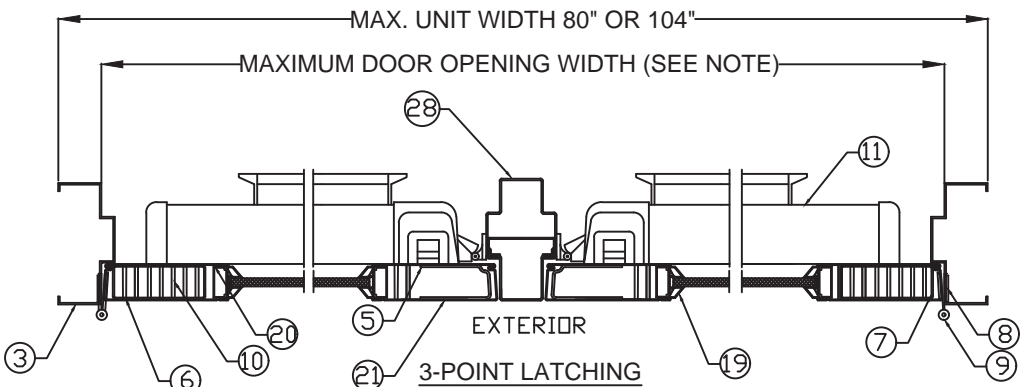
PRODUCT REVISED
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Expiration Date 05/05/2028
By 
Miami-Dade Product Control



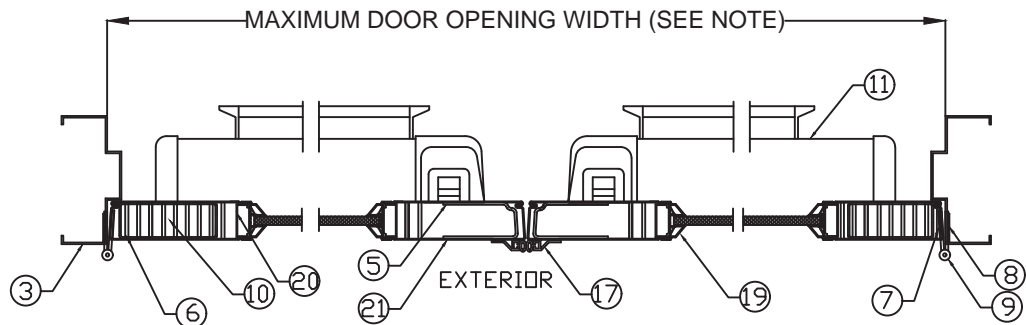
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242						
											
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES									
DRAWN YMF		DATE 05/20/07		HARDWARE FOR GLASS DOUBLE DOORS.							
CHECKED											
APPROVED				SIZE		FLAT		DWG NO. IRGD07		REV P	
ENG. APPVL JPD		11/15/07		SCALE:		NTS		AUTOCAD		SHEET 15 OF 20	



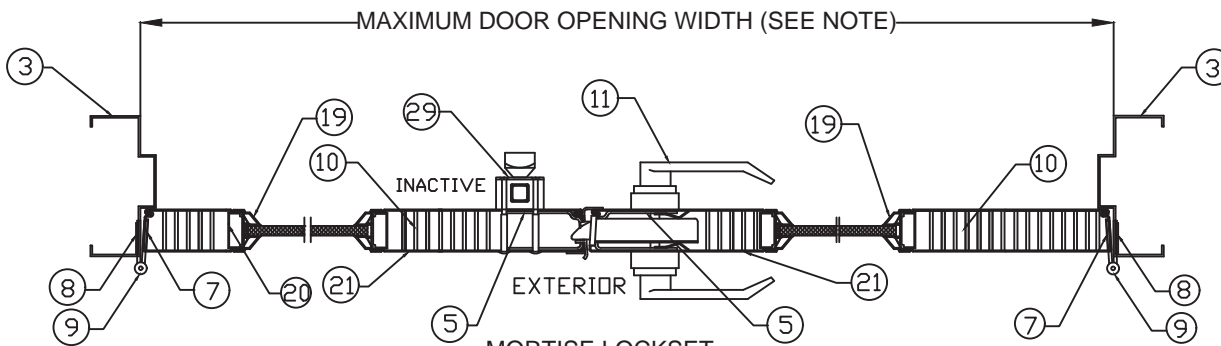
RIM EXIT DEVICE WITH VON DUPRIN MULLION
SECTION A-A
CONFIGURATIONS 1, 2, 3A, 3B
(SEE SHT.1)



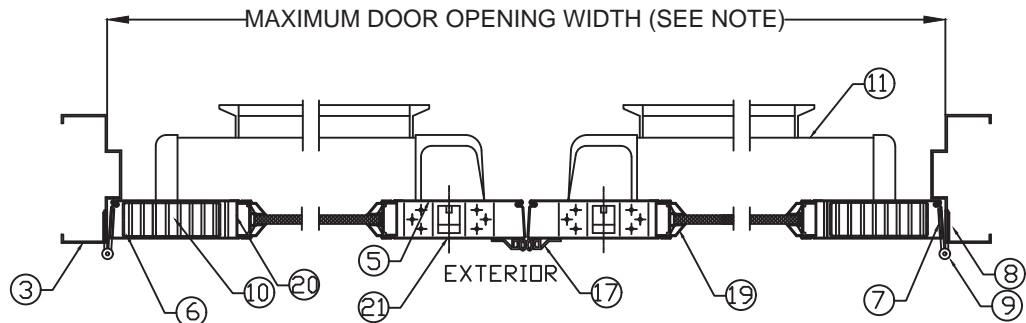
FIXED HOLLOW METAL MULLION-SEE MULLION DETAIL SHEET 7
SECTION A-A
CONFIGURATIONS 7 & 9
(SEE SHT.1)



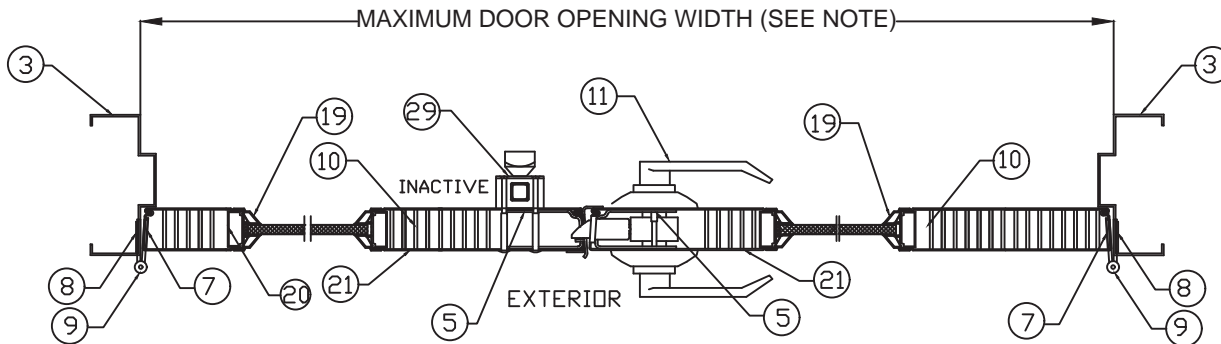
SURFACE VERTICAL ROD
EXIT DEVICE.
SECTION A-A
CONFIGURATION 4
(SEE SHT.1)



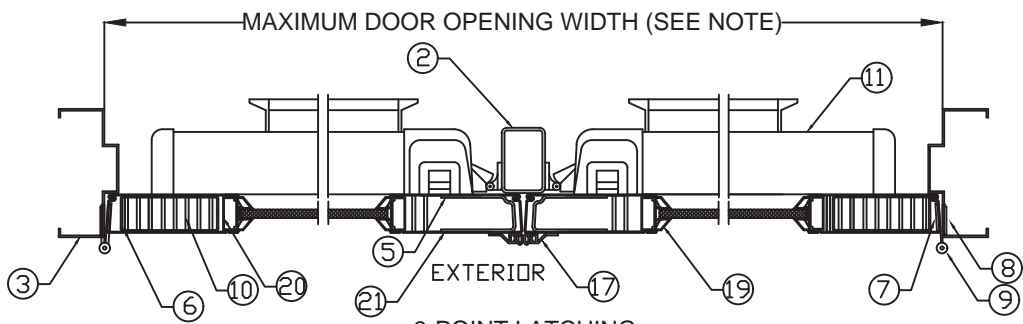
MORTISE LOCKSET.
SECTION A-A
CONFIGURATION 10
(SEE SHT.1)



CONCEALED VERTICAL ROD
EXIT DEVICE.
SECTION A-A
CONFIGURATION 5
(SEE SHT.1)



CYLINDRICAL LOCKSET.
SECTION A-A
CONFIGURATION 11
(SEE SHT.1)



3-POINT LATCHING
EXIT DEVICE WITH
HARDWARE MULLION
SECTION A-A
CONFIGURATIONS 6 & 8
(SEE SHT.1)

NOTES:
1. FOR MAXIMUM DOOR OPENING AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEET 10 FOR LIMITATIONS.
2. GLAZING DETAIL K SHOWN, SEE TABLE 8 ON SHEET 11 FOR ADDITIONAL OPTIONS AND SHEET 10 FOR LIMITATIONS
3. SEE SHEETS 4 & 20 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS, AND SHEETS 9 & 13 FOR MULLION ANCHOR INSTALLATION.

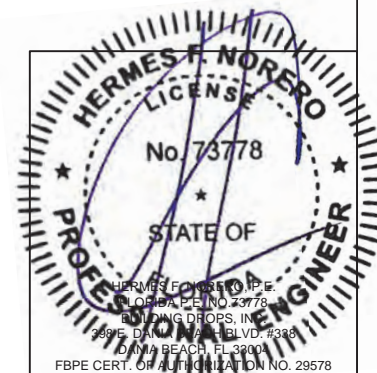
REVISIONS


LTR	DESCRIPTION	DATE	APPROVED
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B	REVISED DWG	RAP	11/26/07
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D	REVISED DWG	YMF	12/14/08
E	REVISED PER_MDBCCD	YMF	02/05/09
F	REVISED NEW_NUMBER	YMF	01/04/10
G	REVISED PER_MDBCCD	YMF	04/08/10
H	REVISED NAME	JPD	11/01/13
J	REVISED DWG	JPD	02/01/15
K	REVISED DWG	JPD	05/05/15
L	ENGINEER CHANGE	LA	03/14/17
M	ADDRESS UPDATE	SM	02/27/20
N	2020 FBC UPDATE	NUS	07/07/20
O	ANCHOR/STRIKE UPDATE	LL	04/06/22
P	2023 FBC UPDATE	DL	07/12/23

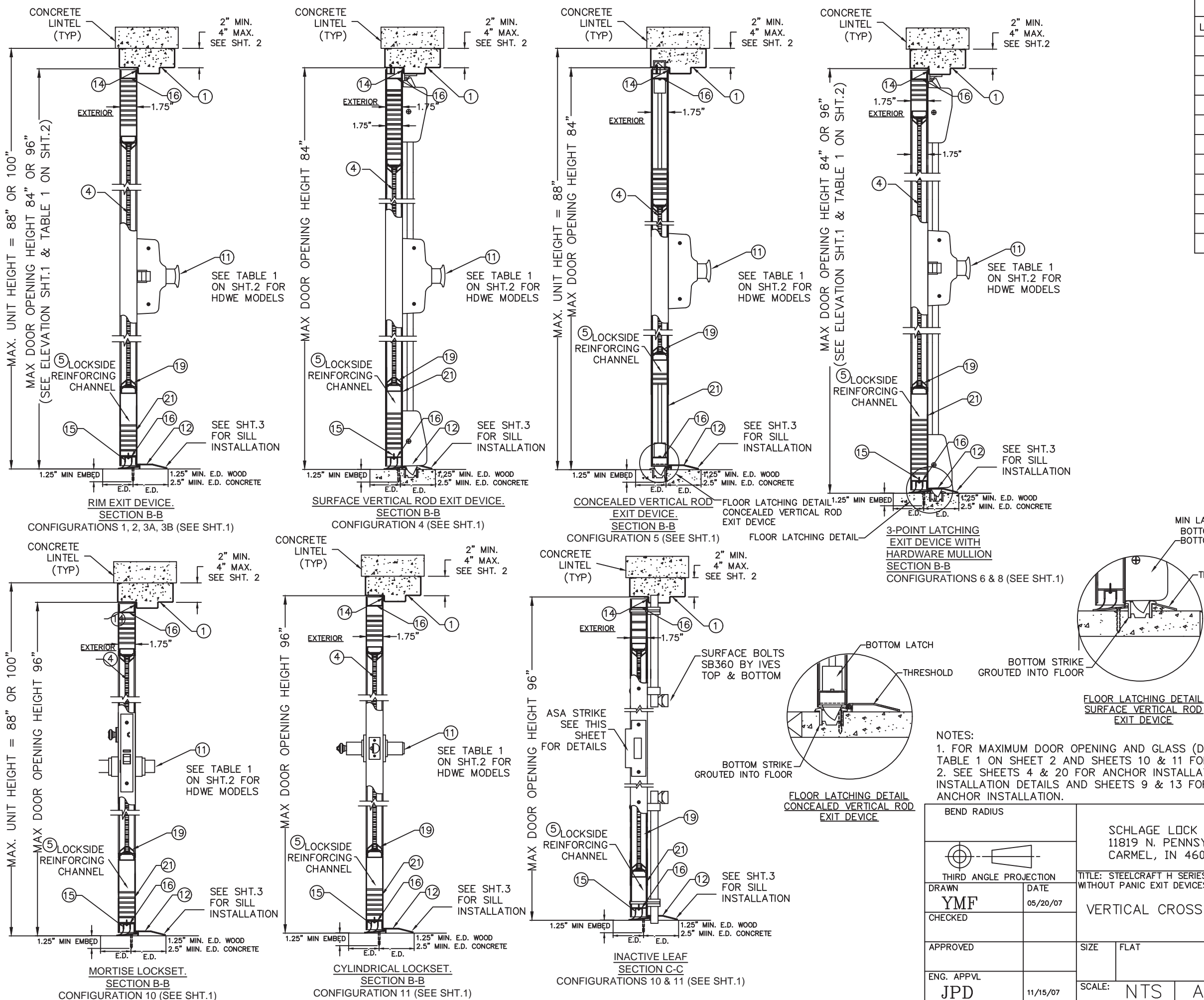
PRODUCT REVISED
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Building Code
NOA-No. 23-0821.17

Expiration Date 05/05/2028

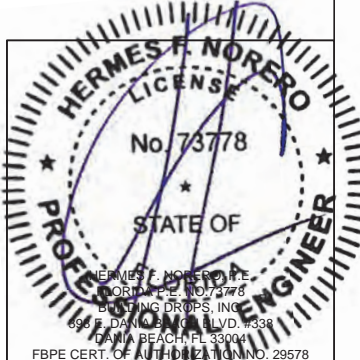
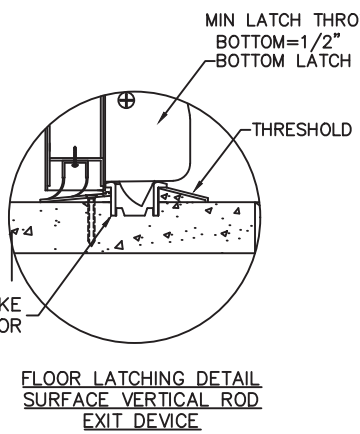
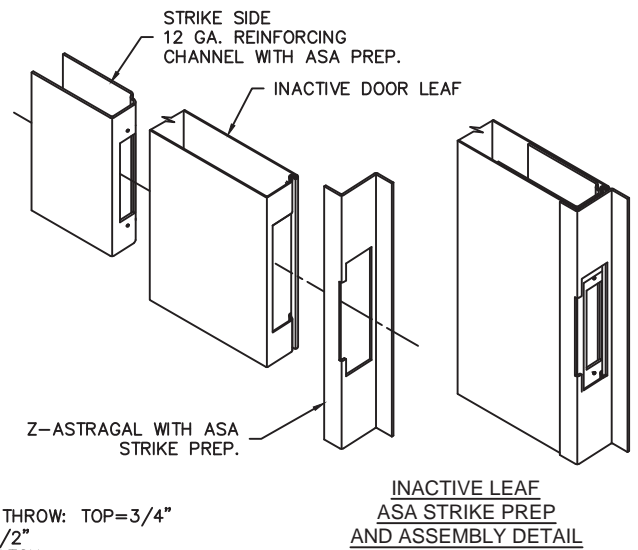
By 
Miami-Dade Product Control



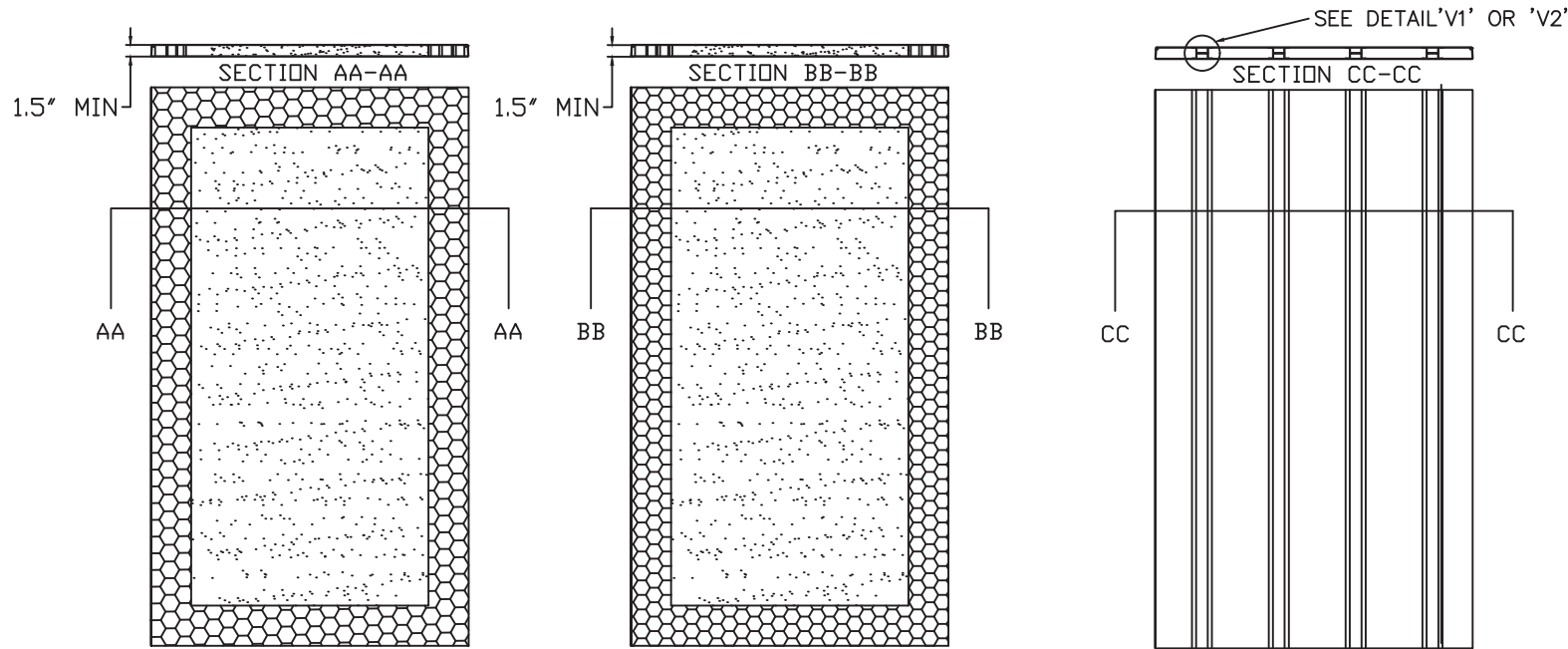
BEND RADIUS 		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION DRAWN YMF CHECKED		DATE 05/20/07		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES. HORIZONTAL CROSS SECTIONS FOR GLASS DOUBLE DOORS.	
APPROVED		SIZE		FLAT	DWG NO.
ENG. APPVL JPD		DATE 11/15/07		IRGD07	
SCALE: NTS		AUTOCAD		SHEET 16 OF 20	
				REV	P



R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED NEW_NUMBER	YMF	01/04/10	
G	REVISED NEW_NUMBER	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED DWG	JPD	02/01/15	
K	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	
P	2023 FBC UPDATE	OL	07/12/23	

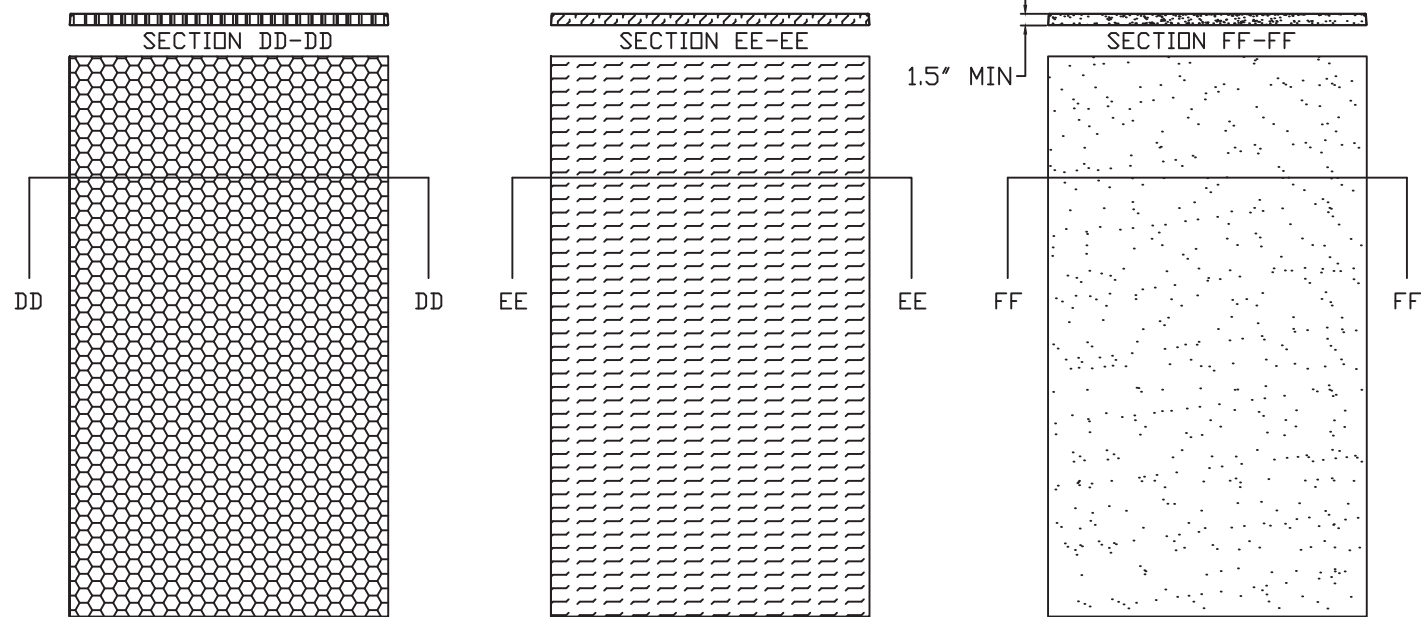


BEND RADIUS		THIRD ANGLE PROJECTION	
DRAWN YMF		DATE 05/20/07	
CHECKED		APPROVED	
ENG. APPVL JPD		11/15/07	
SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES		VERTICAL CROSS SECTIONS FOR GLASS DOUBLE DOORS.	
SIZE FLAT		DWG NO. IRGD07	
SCALE: NTS		AUTOCAD	
SHEET 17 OF 20		REV P	



(A) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS DENSITY: 1.0 LBS/FT³

(B) POLYISOCYANURATE (POLYURETHANE) BY ELLIOT CO. OF INDIANAPOLIS, IN DENSITY: 2 LBS/FT³




(D) HONEYCOMB KRAFT PAPER.

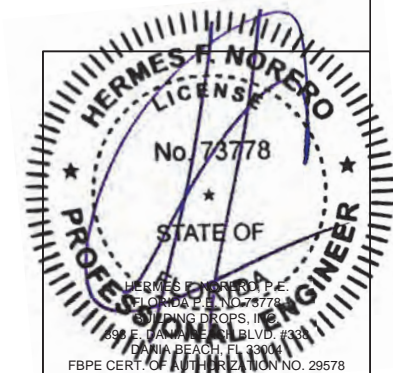
(E) TEMPERATURE RISE CORE MINERAL FIBER BOARD DENSITY: 17±1.5 LBS/FT³ PYROPHIBIC SYSTEMS LTD OR MARSHFIELD DOOR SYSTEMS CALCIUM SILICATE MINERAL CORE

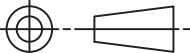
(F) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS DENSITY: 1.0 LB/FT³ OR POLYISOCYANURATE (POLYURETHANE) BY ELLIOT CO. OF INDIANAPOLIS, IN DENSITY: 2 LBS/FT³

NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

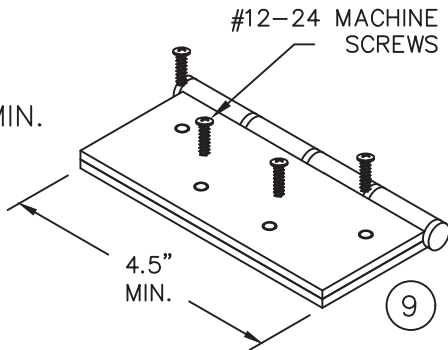
R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
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B	REVISED DWG	JPD	02/01/15	
C	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	
P	2023 FBC UPDATE	OL	07/12/23	

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Miami-Dade Product Control

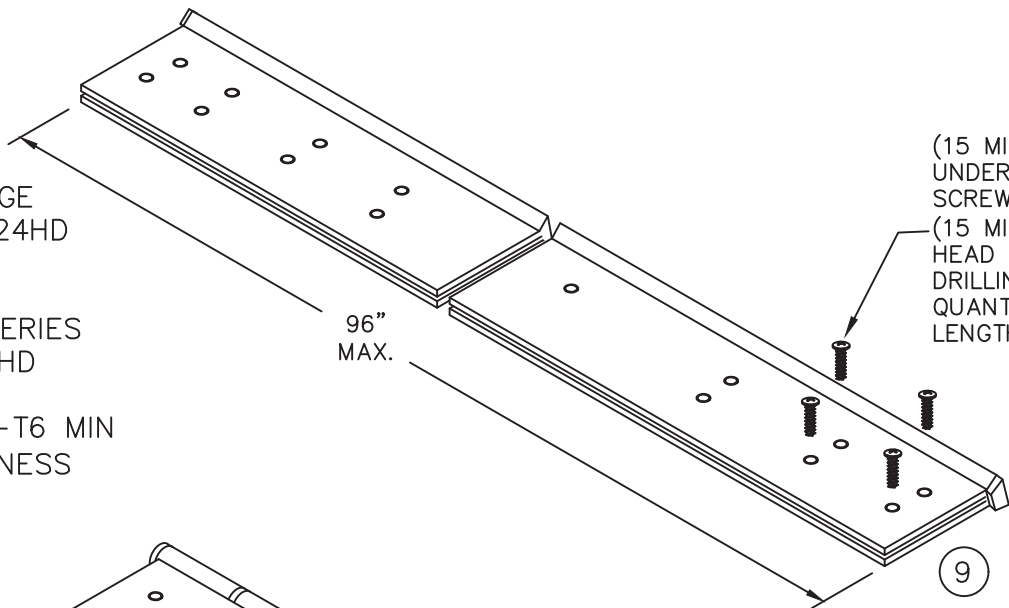


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
							
THIRD ANGLE PROJECTION							
DRAWN JPD		DATE 02/03/14		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES DOOR CORE OPTIONS			
CHECKED							
APPROVED							
ENG. APPVL				SIZE	FLAT	DWG NO. IRGD07	REV P
		SCALE: NTS		AUTOCAD		SHEET 18 of 20	

STEEL BUTT HINGE
IVES 5BB1/3CB1
STANLEY FBB179/1900
HAGER BB1279
4.5" X 4.5" STD. WT. MIN.
.134" MIN. THICKNESS
Fy MIN. = 36ksi

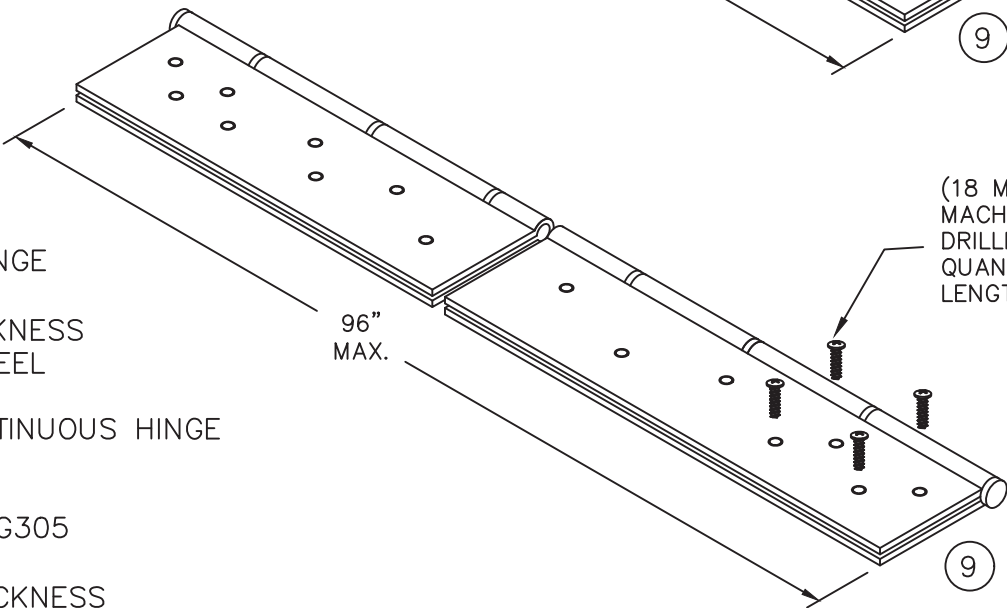


CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMKO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



(15 MIN.) 12-24x3/4"FLAT HEAD
UNDERCUT SELF DRILLING
SCREW DOOR LEAF
(15 MIN.) 12-24 X 1-3/8" FLAT
HEAD UNDERCUT SELF
DRILLING SCREW FRAME LEAF
QUANTITY VARIES PER HINGE
LENGTH

STEEL CONTINUOUS HINGE
IVES 600
.075 (14GA) MIN. THCKNESS
1012 COLD ROLLED STEEL
Fy MIN. 45ksi
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-900
MARKAR FM-300 & HG305
ABH A500
.075" (14GA) MIN. THICKNESS
304 STAINLESS STEEL
Fy MIN. 31ksi



(18 MIN.) #10-24X 1/2" MIN.
MACHINE SCREW OR SELF
DRILLING EACH HINGE LEAF
QUANTITY VARIES PER HINGE
LENGTH

CONTINUOUS HINGE NOTES:

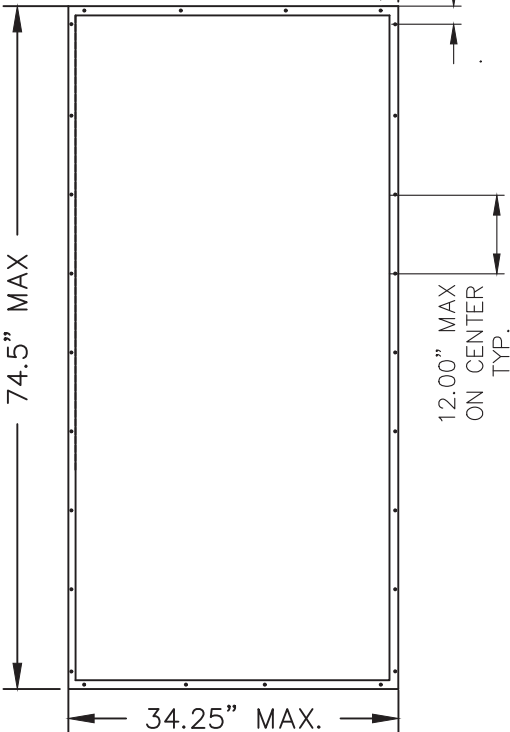
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS

REVISIONS


LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	11/01/13	
B	REVISED DWG.	02/01/15	
C	REVISED DWG.	05/05/15	
L	ENGINEER CHANGE LA	03/14/17	
M	ADDRESS UPDATE SM	02/27/20	
N	2020 FBC UPDATE NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE LL	04/06/22	
P	2023 FBC UPDATE OL	07/12/23	

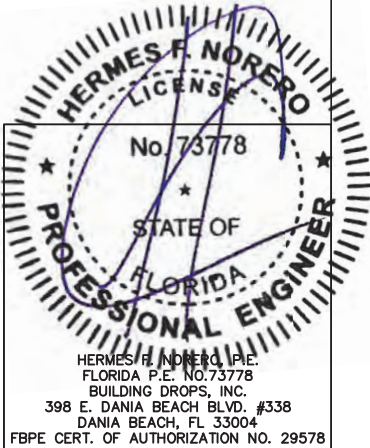
10.38" MAX.
ON CENTER
TYP.

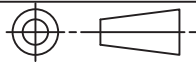
2.75" MAX.
FROM CORNER
TYP.

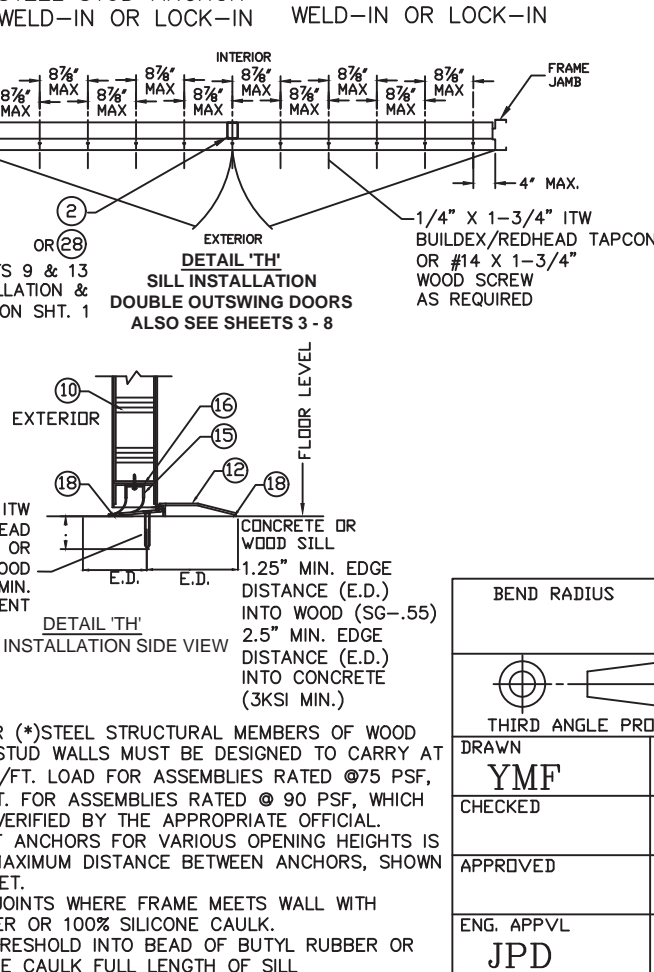
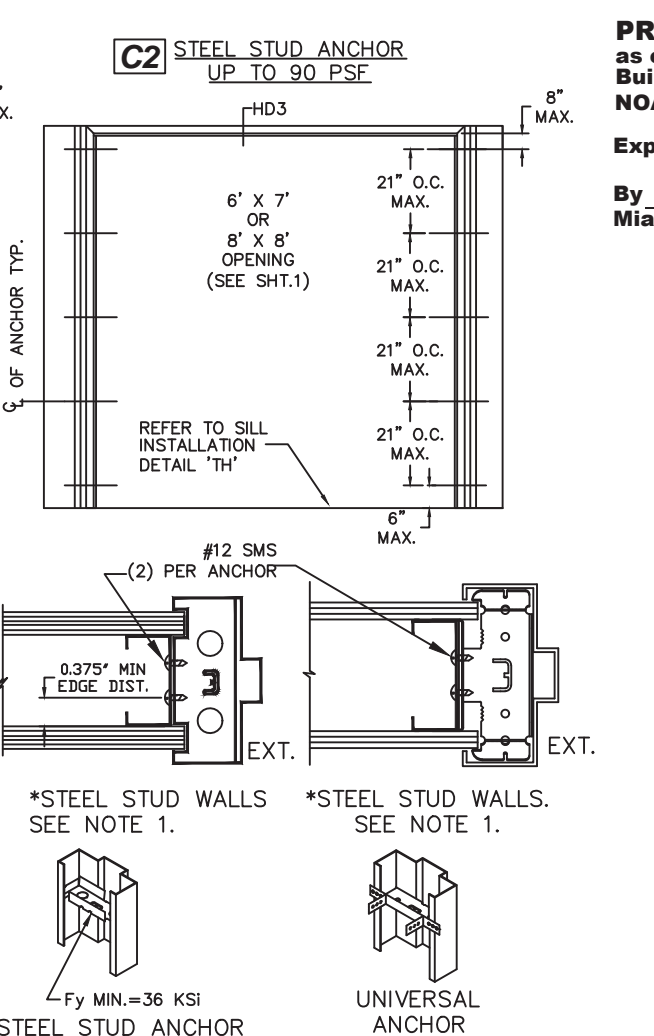
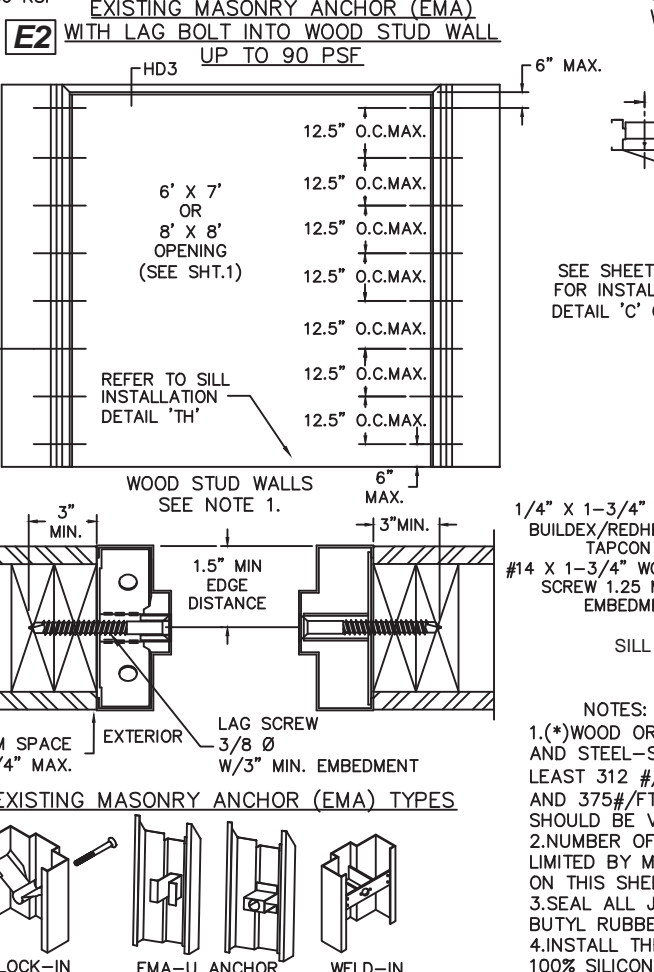
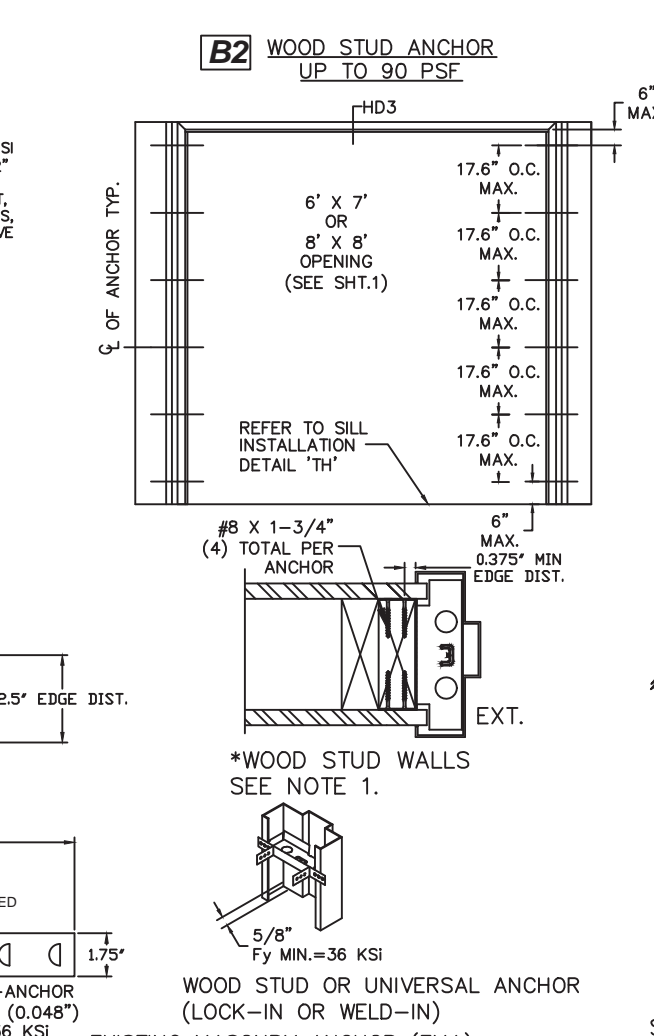
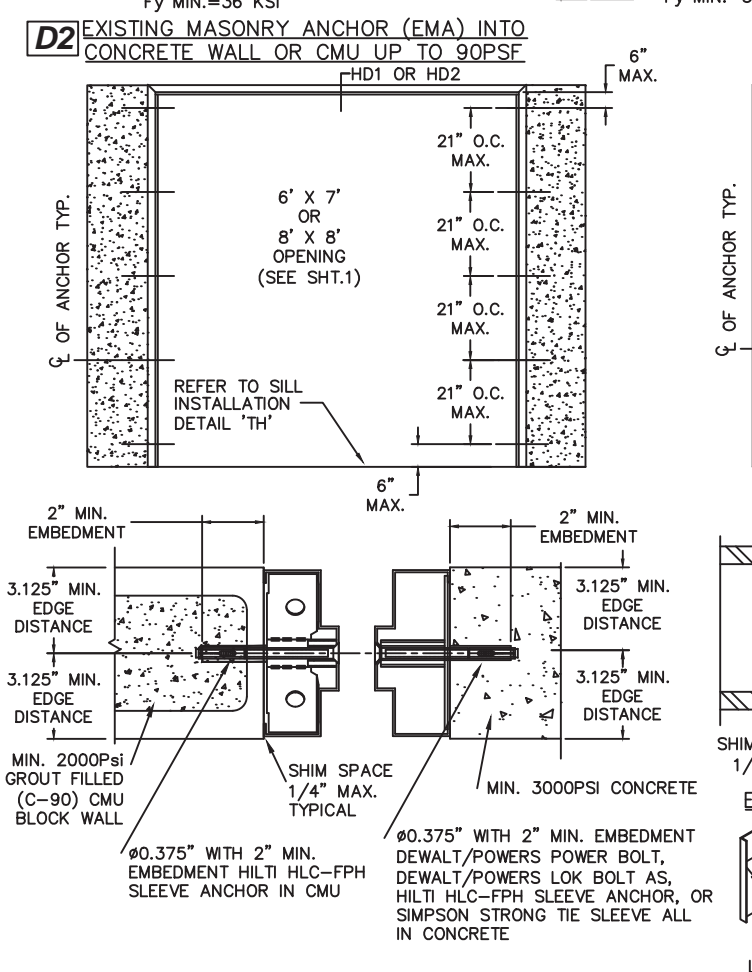
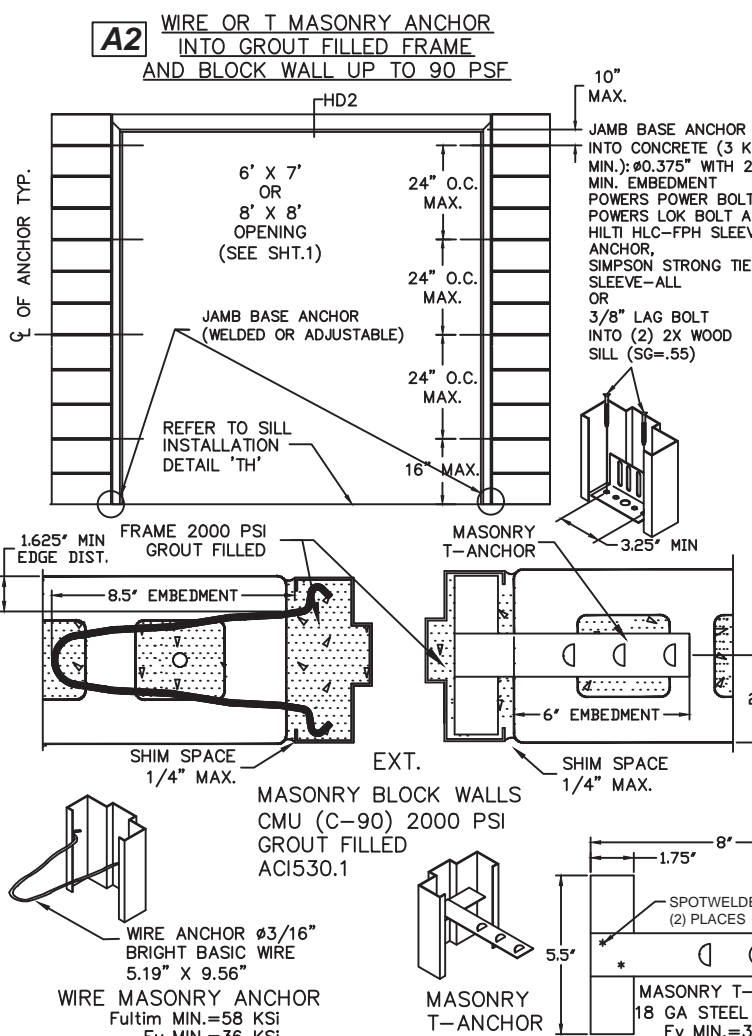


ANEMOSTAT SG-10 HIGH
SECURITY METAL VISION FRAME
SEE SHEET 11 ITEM 19-4
AND GLAZING DETAIL F
AND SHEET 3 ITEM 19-4

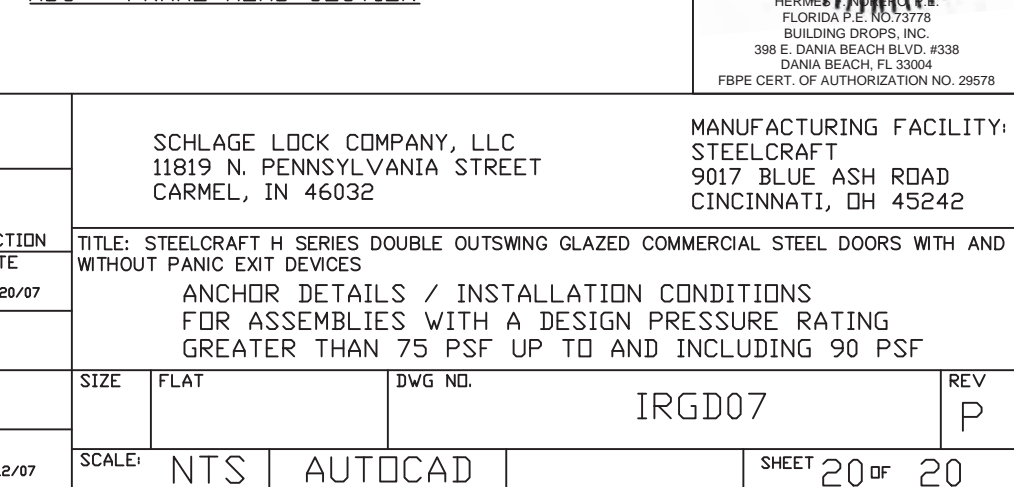
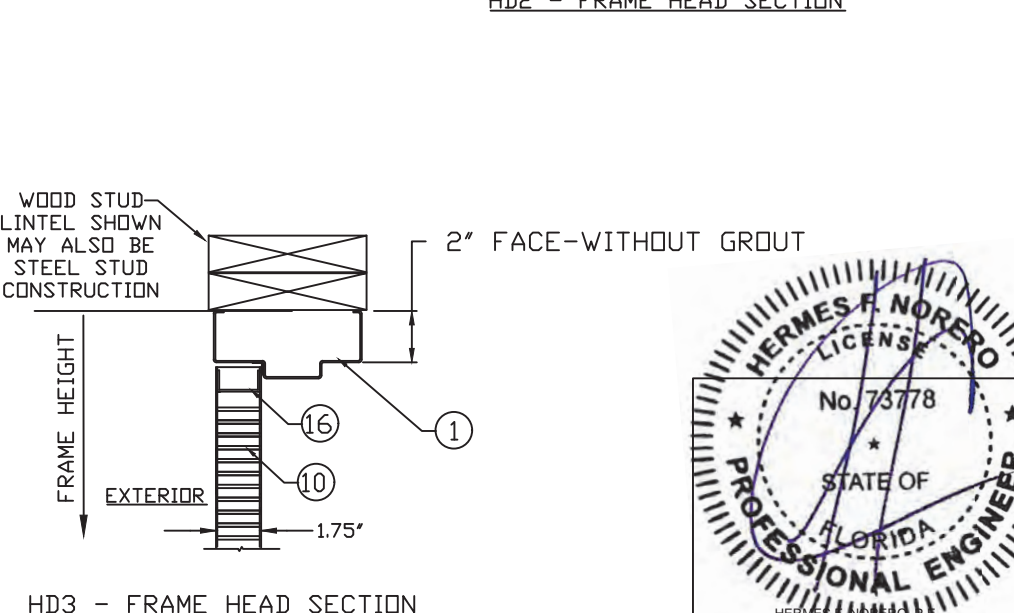
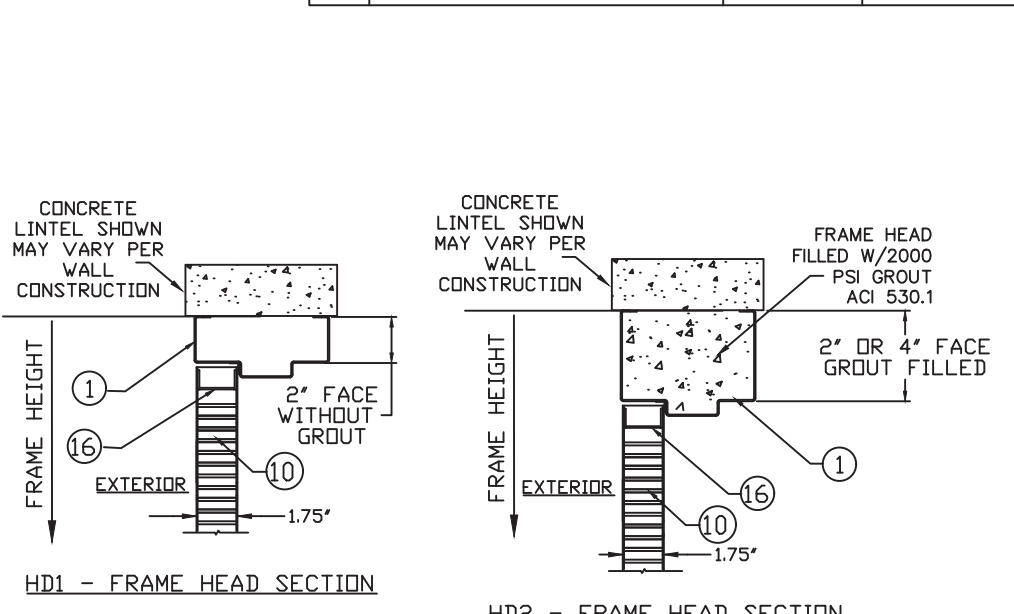
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.17
Expiration Date 05/05/2028
By 
Miami-Dade Product Control



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
							
THIRD ANGLE PROJECTION							
DRAWN JPD		DATE 02/03/14		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES HINGE OPTIONS			
CHECKED							
APPROVED							
ENG. APPVL				SIZE	FLAT	DWG NO. IRGD07	REV P
		SCALE:		NTS	AUTOCAD		SHT 19 OF 20

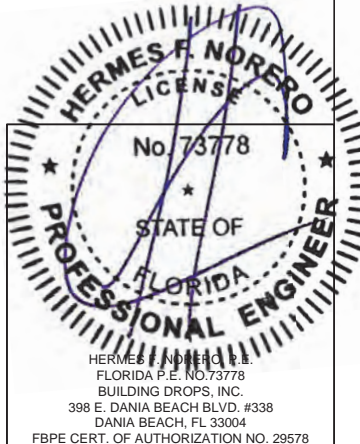


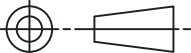
R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF	05/05/15
L	ENGINEER CHANGE	LA	03/02/17
M	ADDRESS UPDATE	SM	02/27/20
N	2020 FBC UPDATE	NUS	07/07/20
Q	ANCHOR/STRIKE UPDATE	LL	04/06/22
P	2023 FBC UPDATE	DL	07/12/23



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Miami-Dade Product Control

- NOTES:
- (*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 375#/FT. FOR ASSEMBLIES RATED @ 90 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
 - NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 - SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK.
 - INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL



BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>		
<div></div>						
THIRD ANGLE PROJECTION		<div>TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES</div> <div>ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING GREATER THAN 75 PSF UP TO AND INCLUDING 90 PSF</div>				
DRAWN YMF	DATE 05/20/07					
CHECKED						
APPROVED						
ENG. APPVL JPD	10/12/07	SIZE	FLAT	DWG NO.	IRGD07	REV P
SCALE:		NTS	AUTOCAD		SHEET 20 OF 20	