

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

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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 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 0718/2022, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Renewal 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 & renews NOA #20-1005.19** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5, E-6, E-7 and E-8, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022
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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

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).

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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

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. Test proposals **#14-0251, #14-0252-R, 14-0253, #14-0254-R1, #14-1086** and **#12-0797R** approved by RER. Consolidation Test proposal **# 06-2468**, dated 04/27/07 approved by BCCO.
3. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).
4. Allegion's (Schlage/ Former Ingersoll-Rand) future updated HH9954 Von-Duprin Mull Catalog

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted

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

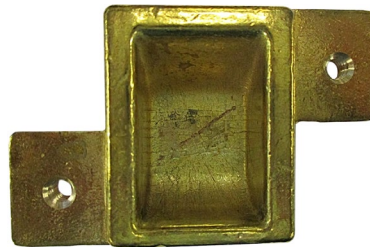
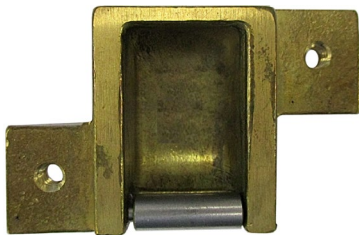
1. None

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)



Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No **IRGD07 Rev M**, 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 03/04/2020, 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. **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.

F. STATEMENTS (submitted under file # 19-1016.04)

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. Application request of address change only by Schlage Lock company, signed by Donald James.

G. OTHER

1. This NOA revises NOA # **20-0310.09**, expiring 05/05/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. Evidence submitted Previous approval

A. DRAWINGS

1. Drawing No **IRGD07 Rev N**, 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 01/29/2021, 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. **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. **18-0207.07** issued to **Sabic Innovative Plastics** for their “**Lexan® Polycarbonate Sheet Products**”.

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.
2. Statement letter via e-mail dated 02/18/21, issued by Allegion agreeing one-year conditional approval.

G. OTHER

1. This NOA revises NOA # **20-0310.09**, expiring 05/05/22.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. New Evidence submitted

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.

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.

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

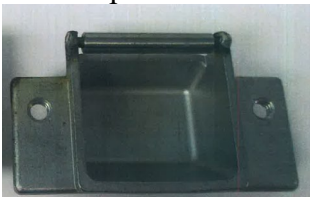
1. Statement letter of conformance to FBC 2020(7th edition) dated 01-29-2021, prepared by Building Drops, signed & sealed by Hermes F. Norero, P.E.

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



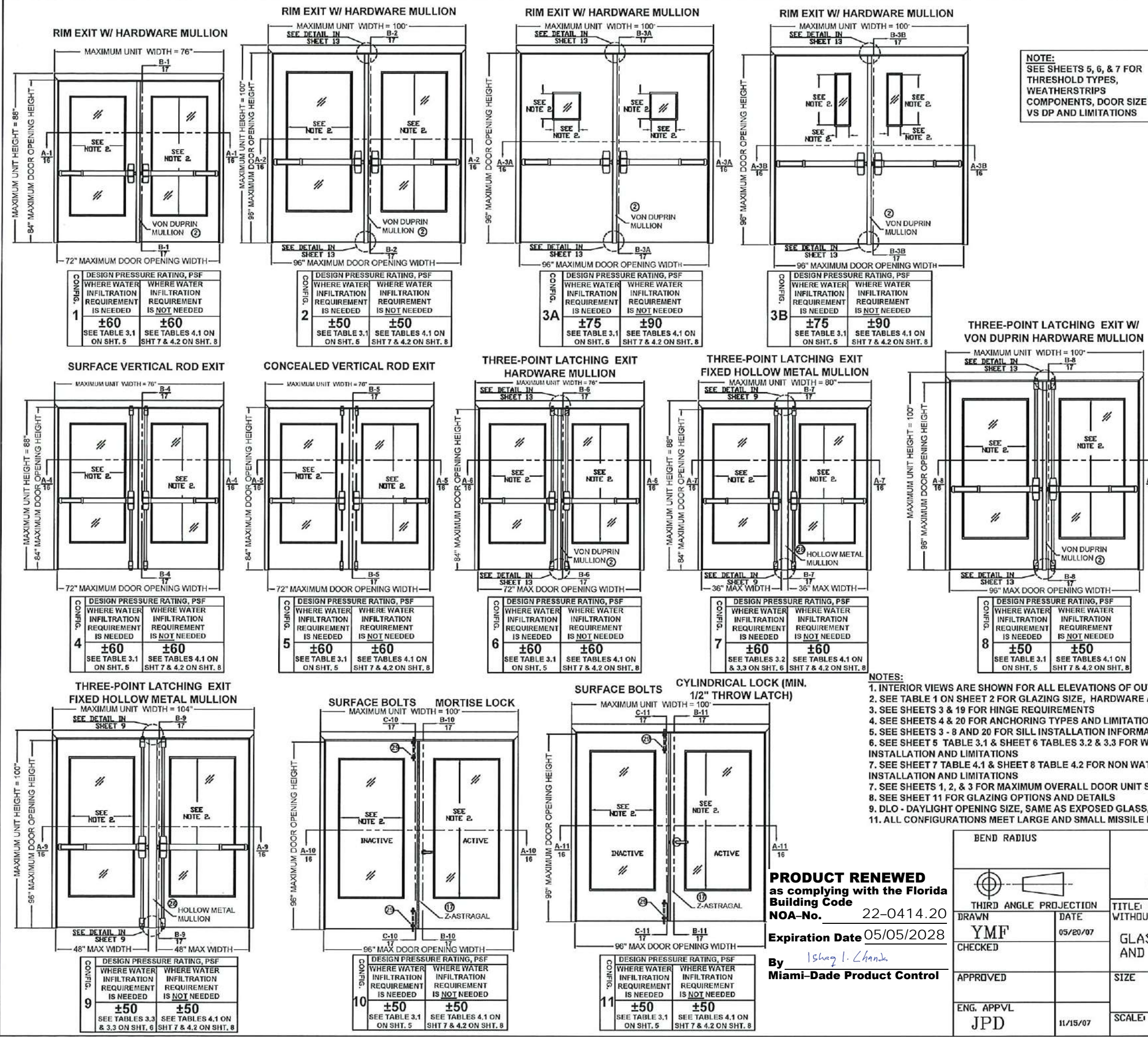
4188 Top strike without Roller



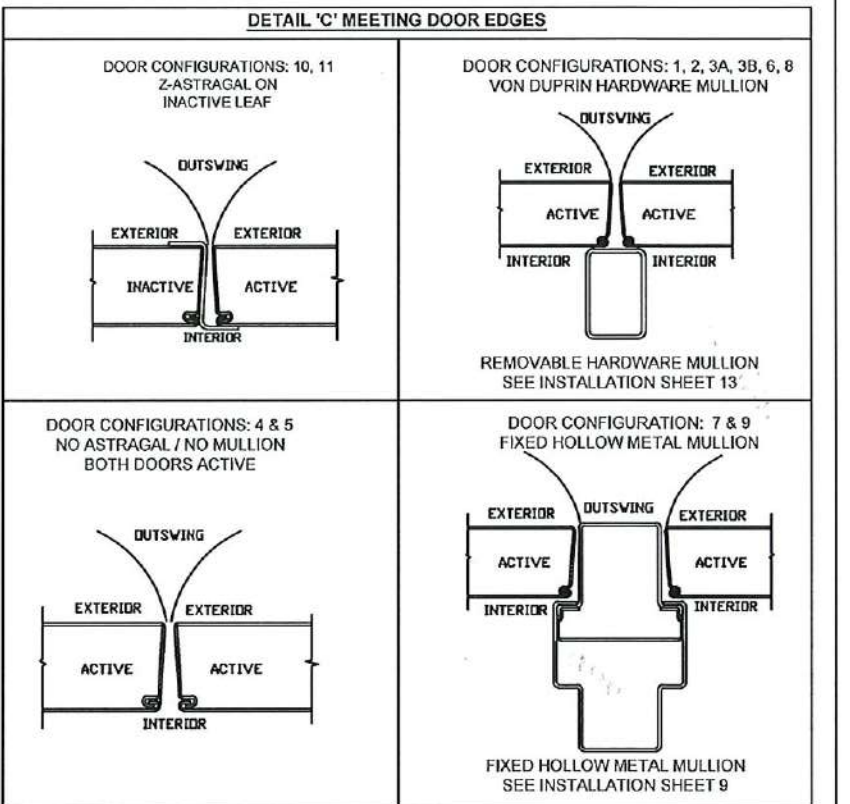
4188 Top strike with Roller

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0414.20
Expiration Date: May 05, 2028
Approval Date: August 04, 2022



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07
H	REVISED NAME	JPD	11/01/13
J	REVISED DWG	JPD	05/05/15
L	ENGINEER CHANGE	LA	02/10/17
M	ADDRESS UPDATE	SM	02/27/20
N	2020 FBC UPDATE	NUS	07/07/20
O	ANCHOR/STRIKE UPDATE	LL	04/06/22



COMPLIANCE STATEMENT:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202 & 203-94 AND COMPLY WITH THE 2020 (7TH EDITION) FLORIDA BUILDING CODE.



PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control

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		GLASS OUTSWING, DOUBLE DOORS AND HARDWARE CONFIGURATIONS.	
SIZE	FLAT	DWG NO.	IRGD07
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

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishaq I. Chande
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	
		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
THIRD ANGLE PROJECTION		GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS			
DRAWN YMF		DATE 05/20/07		COMMERCIAL DOOR OPENING DOUBLE GLASS DOORS.	
CHECKED					
APPROVED				SIZE	FLAT
ENG. APPVL JPD		11/15/07		DWG NO. IRGD07	
		SCALE: NTS		AUTOCAD	
				SHEET 2 OF 20	

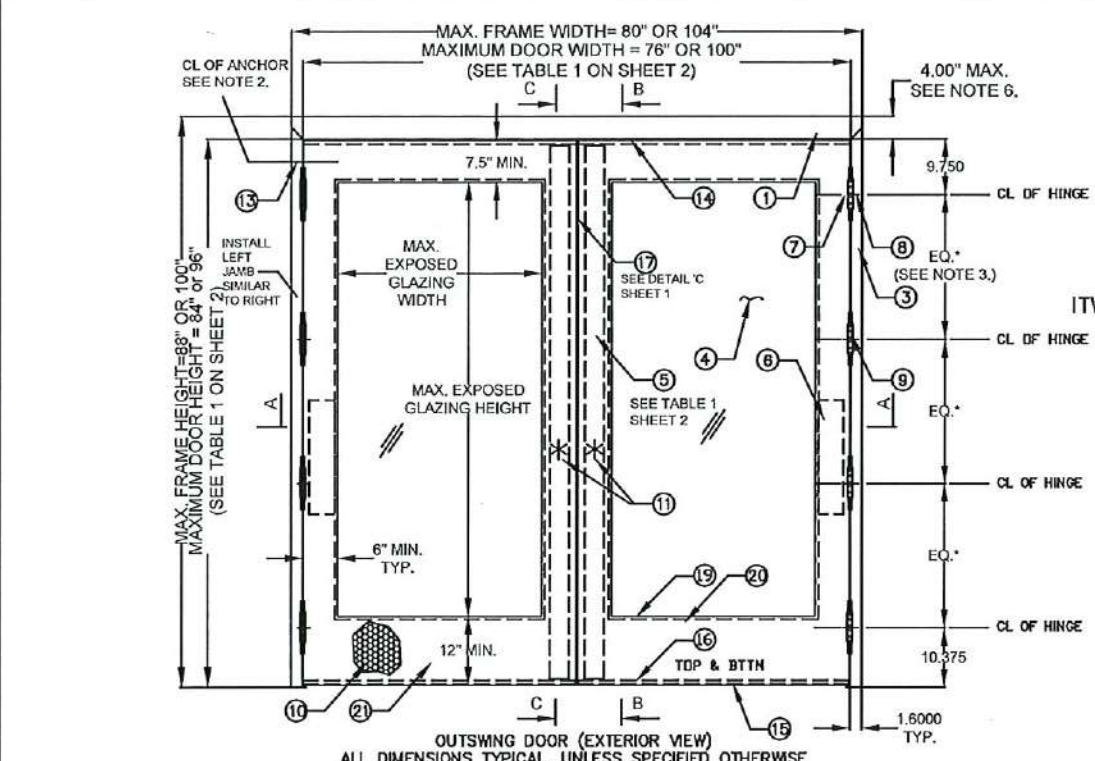
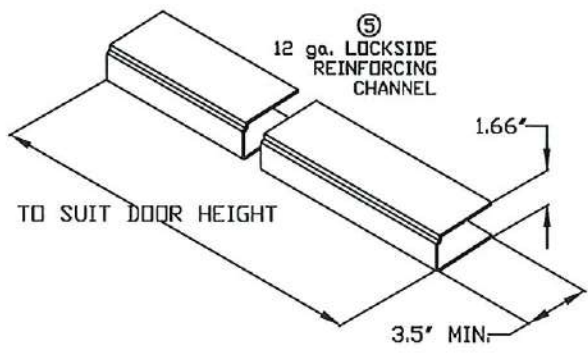
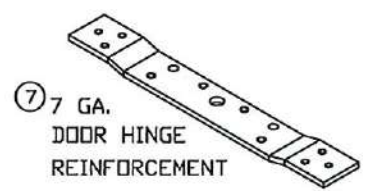
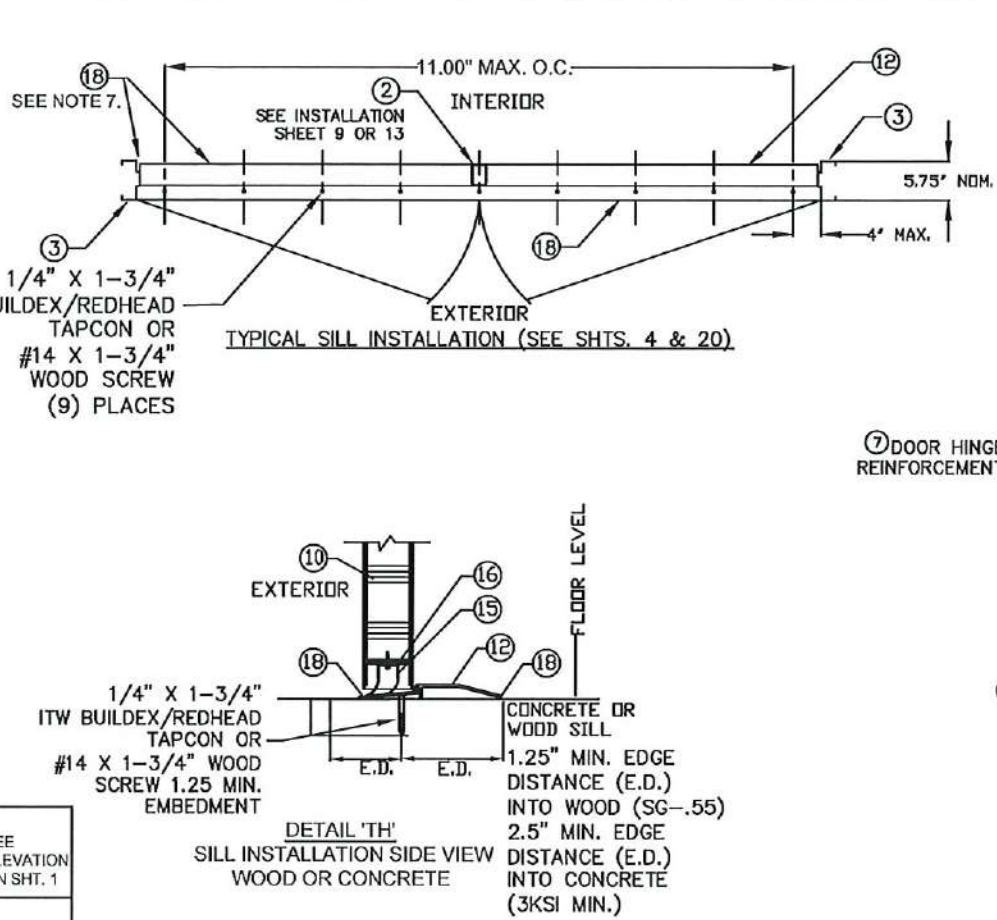


TABLE 2

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 HH954 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	LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER	.562" TYP.	35.406' X 75.656' MAX.	
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.	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)			
13	NOTE 1.	JAMB ANCHOR ASTM A924	SEE SHEETS 4 & 20		
14	SEE SHTS. 5, 6, 7 & 8	14A) PS074 DOOR SEAL STEELCRAFT	TPE		
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		
18	AS NEEDED	17B) 137 SPLIT ASTRAGAL BY NGP	SEE SHEETS 5, 6, 7 & 8		
19	AS NEEDED	CAULK BUTYL RUBBER OR 100% SILICONE	SEE SHEETS 5, 6, 7 & 8		
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' OR 4' X 8' MAX.	
22	VARIES	22A) 8150S DOOR SEAL BY ZERO INT'L SEE SHTS 5, 7 & 8	SILICONE	VARIES	
23	2	22B) 188S DOOR SEAL BY ZERO INT'L SEE SHTS 6, 7, & 8			
24	2	24A) 139 DOOR SWEEP BY ZERO INT'L SEE SHTS 5 & 6	TPE	MAX. 84" OR 96"	
25	2	24B) 328 DOOR SWEEP BY ZERO INT'L SEE SHTS 5, 6, & 7	TPE	MAX. 36" OR 48"	
26	2	24C) 200N DOOR SWEEP BY NGP SEE SHEET 6	TPE	MAX. 84" OR 96"	
27	1	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L SEE SHEET 6			
28	2	25B) 170N ADJUSTABLE SEAL BY NGP SEE SHEET 6			
29	2	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 104"	
30	2	26B) 11 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 36" OR 48"	
31	2	26C) 16A RAIN DRIP BY NGP	SEE SHEET 6	MAX. 36" OR 48"	
32	2	TOP CAP GALV. A60 ASTM A924	.020" MIN. STL	0.5' X 1.76' X 48' MAX.	
33	1	HOLLOW METAL MULLION	SEE SHEET 9	84" OR 96" MAX.	
34	2	IVES 360 12" SURFACE BOLT - TOP & BOTTOM INACTIVE LEAF CONFIG. 10 & 11			



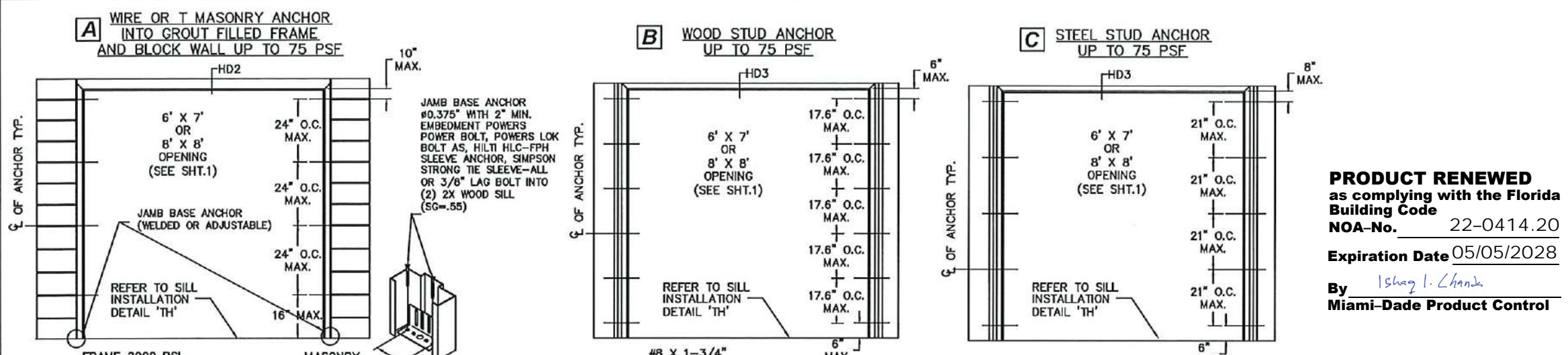
- NOTES:
- ANCHOR REQUIREMENTS: SEE SHEETS 4 & 20 FOR APPROVED ANCHORS AND INSTALLATION
 - HINGE REQUIREMENTS: 4.5" STD WT. MIN.
FOR DOOR OPENING UP TO 90" HIGH - MIN (3) HINGES
FOR DOOR OPENING OVER 90" - 96" HIGH - MIN (4) HINGES
STD LOCATIONS: 9.75" FROM RABBET IN HEAD TO CL OF TOP HINGE
10.38" FROM 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.

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		H-SERIES GLASS DOUBLE DOORS OUTSWING CONFIGURATIONS	
DRAWN YMF	DATE 05/20/07	SIZE FLAT		DWG NO. IRGD07	REV 0
CHECKED		SCALE NTS		AUTOCAD	SHEET 3 OF 20
APPROVED					
ENG. APPVL JPD	11/15/07				

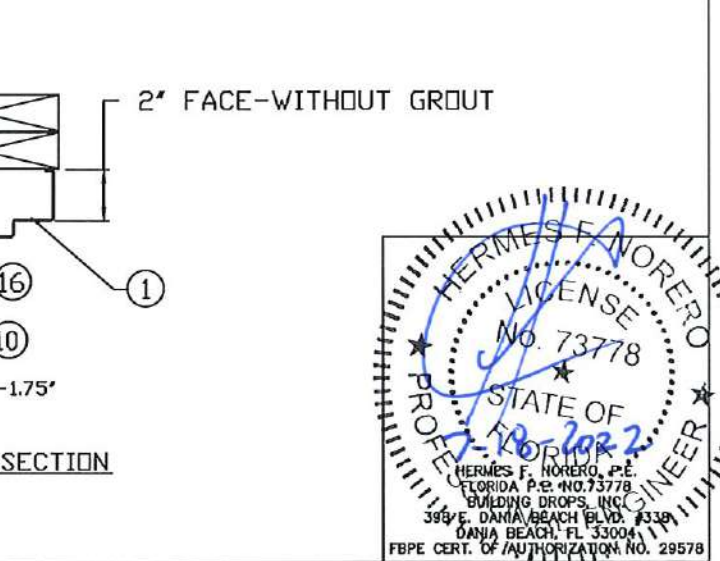
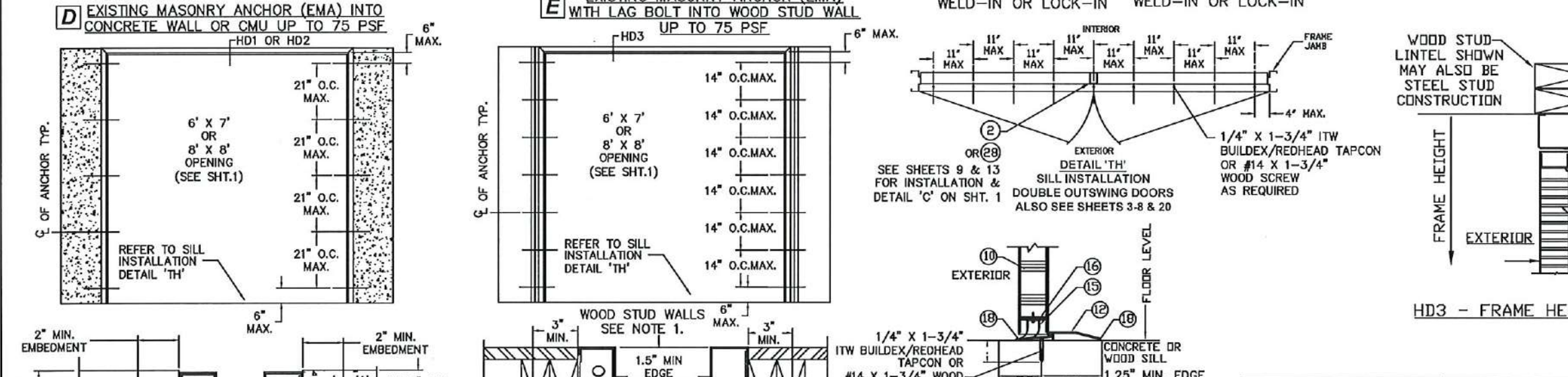
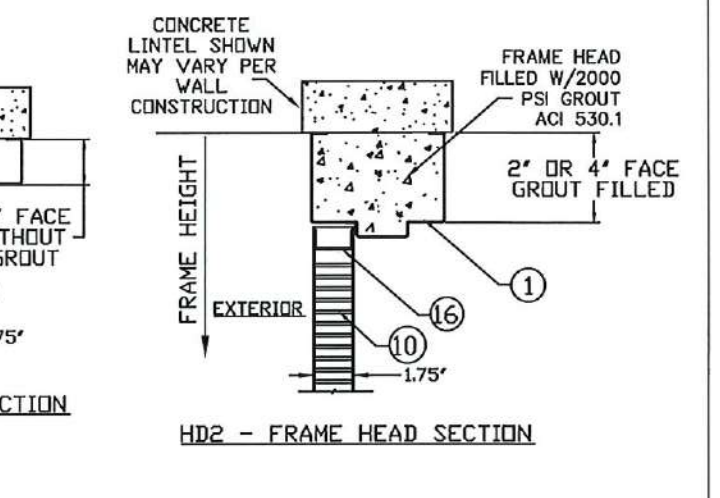
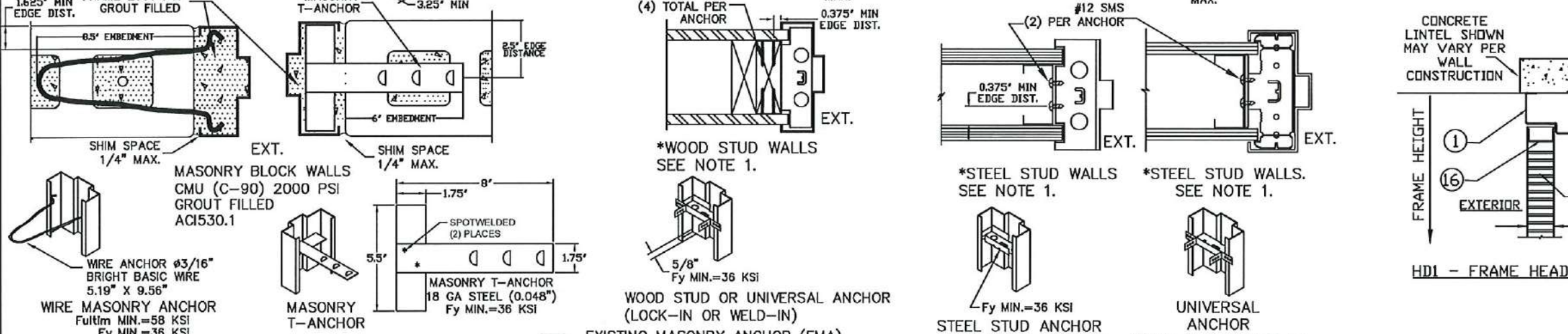
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG.	YMF	05/20/07	
G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED NAME	JPD	02/01/15	
K	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag L. Chande
Miami-Dade Product Control





REVISIONS				
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	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	



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.

EXISTING MASONRY ANCHOR (EMA) TYPES

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

ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING OF 75 PSF OR LESS

SIZE: FLAT **DWG NO.:** IRGD07 **REV:** ☐

SCALE: NTS **AUTOCAD** **SHEET:** 4 OF 20

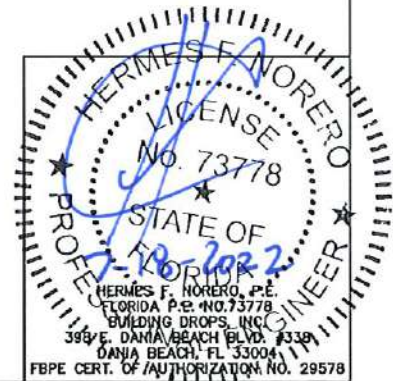
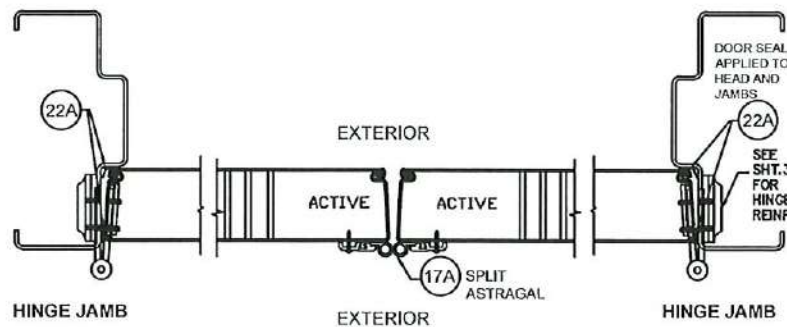
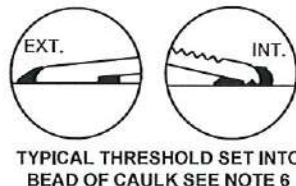
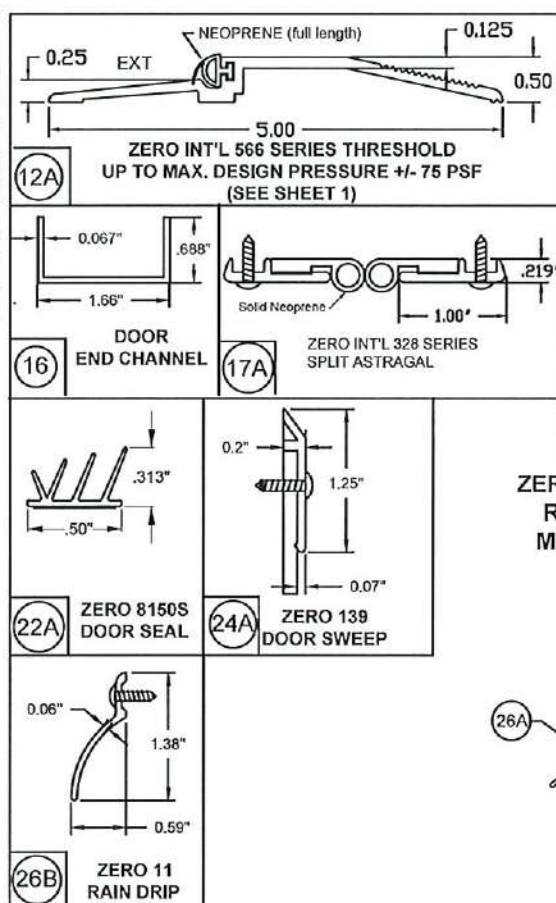
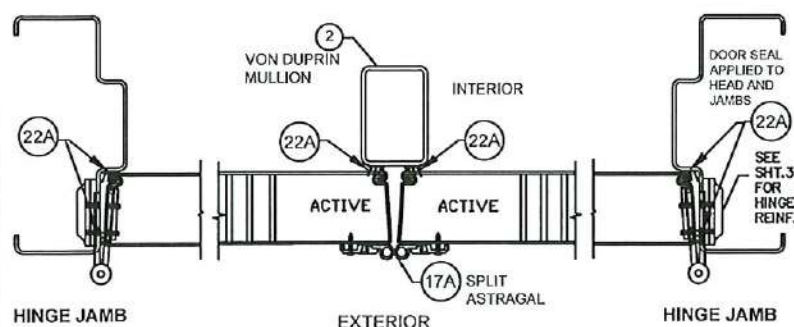
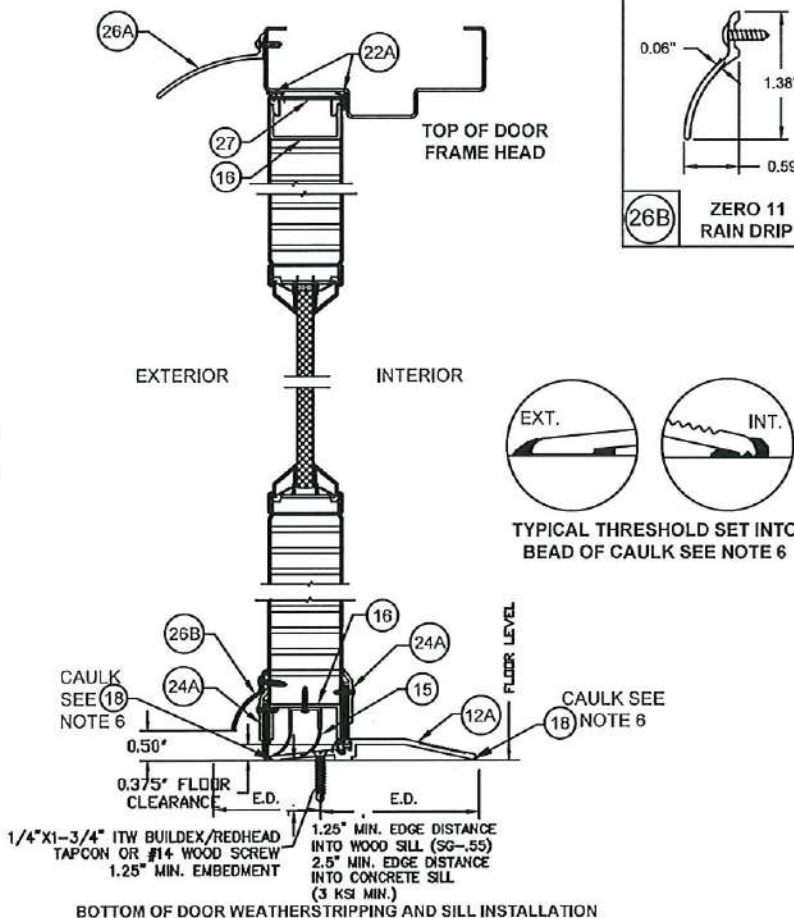


TABLE 3.1 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566

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

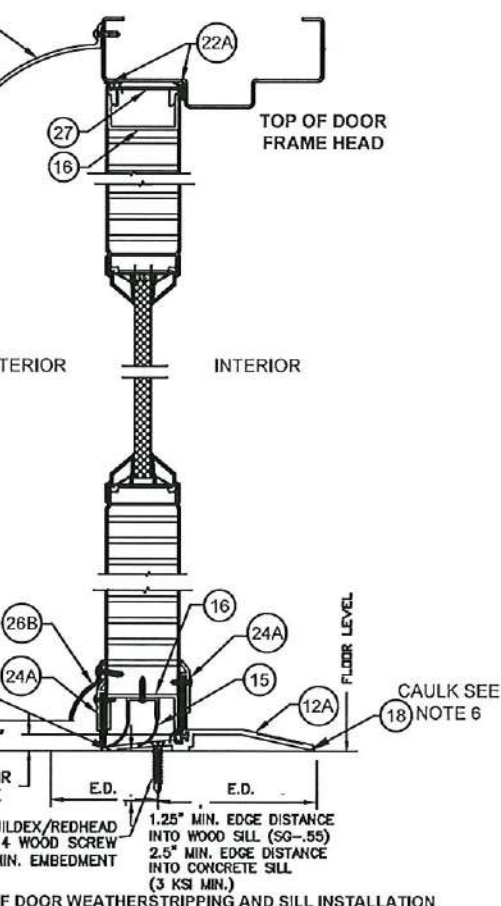
ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
(SEE ELEVATIONS SHEET 1)

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



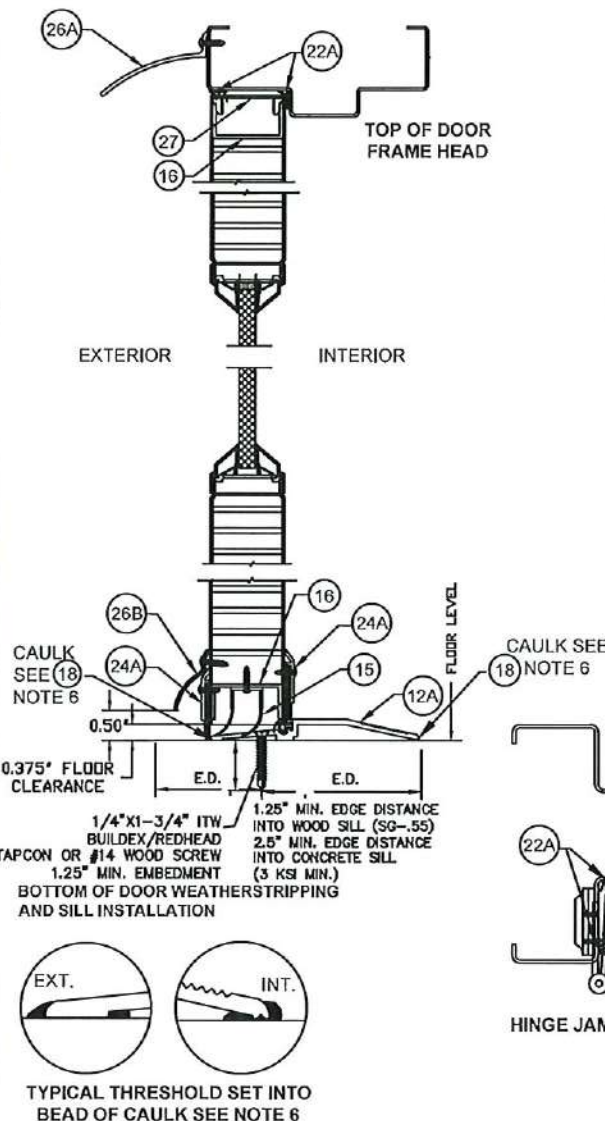
ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
(SEE ELEVATIONS SHEET 1)

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



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

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% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN	DATE
YMF	05/20/07
CHECKED	
APPROVED	
ENG. APPVL	
JPD	10/11/07

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

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

DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE
APPROVED WHERE WATER INFILTRATION IS REQUIRED

SIZE	FLAT	DWG NO.	REV
		IRGD07	
SCALE	NTS	AUTOCAD	SHEET
			5 of 20

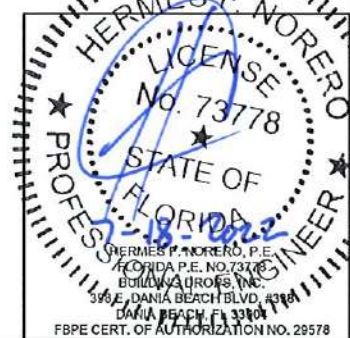
REVISIONS

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

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20

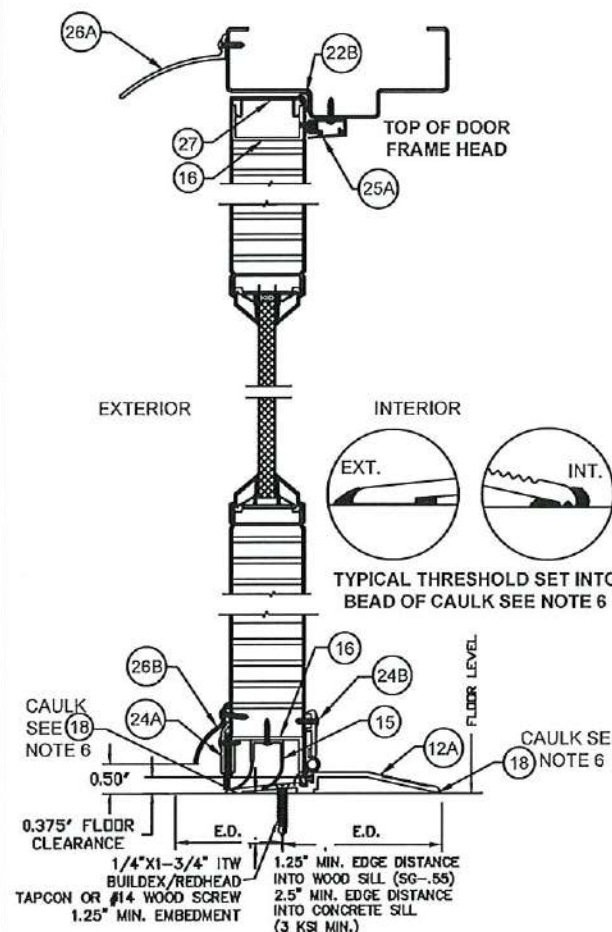
Expiration Date 05/05/2028

By Ishaq I. Chank
Miami-Dade Product Control

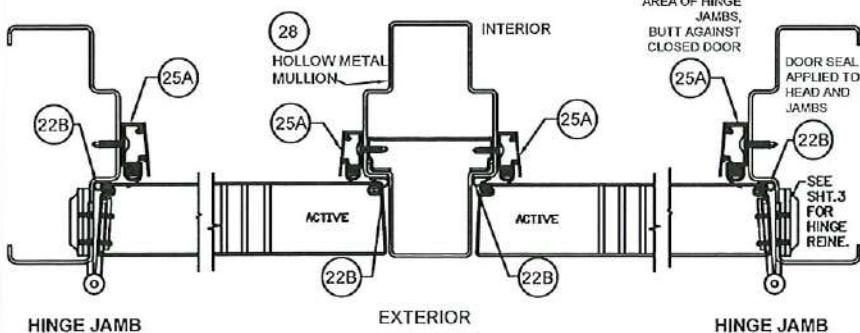


ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
22B	188S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
24B	328 DOOR SWEEP	ZERO INT'L
25A	475 ADJUSTABLE SEAL	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L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

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

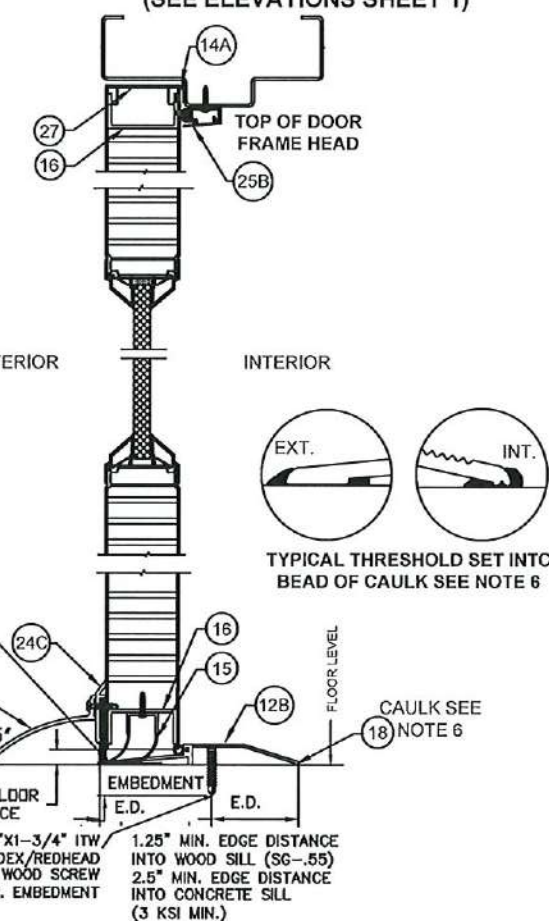


BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

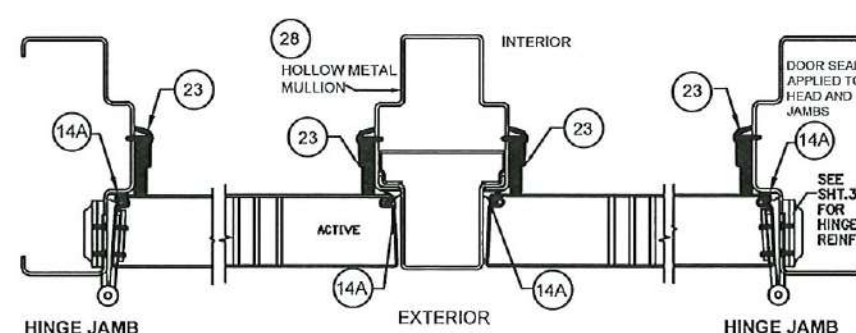


ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
14A	PS074 DOOR SEAL	STEELCRAFT
23	202N DOOR SEAL	NGP
24C	200N DOOR SWEEP	NGP
25B	170N ADJUSTABLE SEAL	NGP
26C	16A RAIN DRIP	NGP
27	DOOR TOP CAP	STEELCRAFT

**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



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	

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20

Expiration Date 05/05/2028

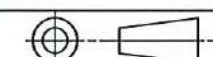
By Ishaq I. Chande
Miami-Dade Product Control



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), AND THRESHOLD (12A OR 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



THIRD ANGLE PROJECTION

THIRD
DRAWN
YMF
CHECKED

APPROVED

ENG. APPROV.
JPD

DATE

05/20/07

03/20/07	
----------	--

	10/11/07
--	----------

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

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

DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE
APPROVED WHERE WATER INFILTRATION IS REQUIRED

	SIZE	FLAT
--	------	------

[illegible]

--	--	--

SCALE: 1 N

AUT

DWG NO.	
---------	--

ONE YEAR
OF THE JOURNAL

1

□CAD

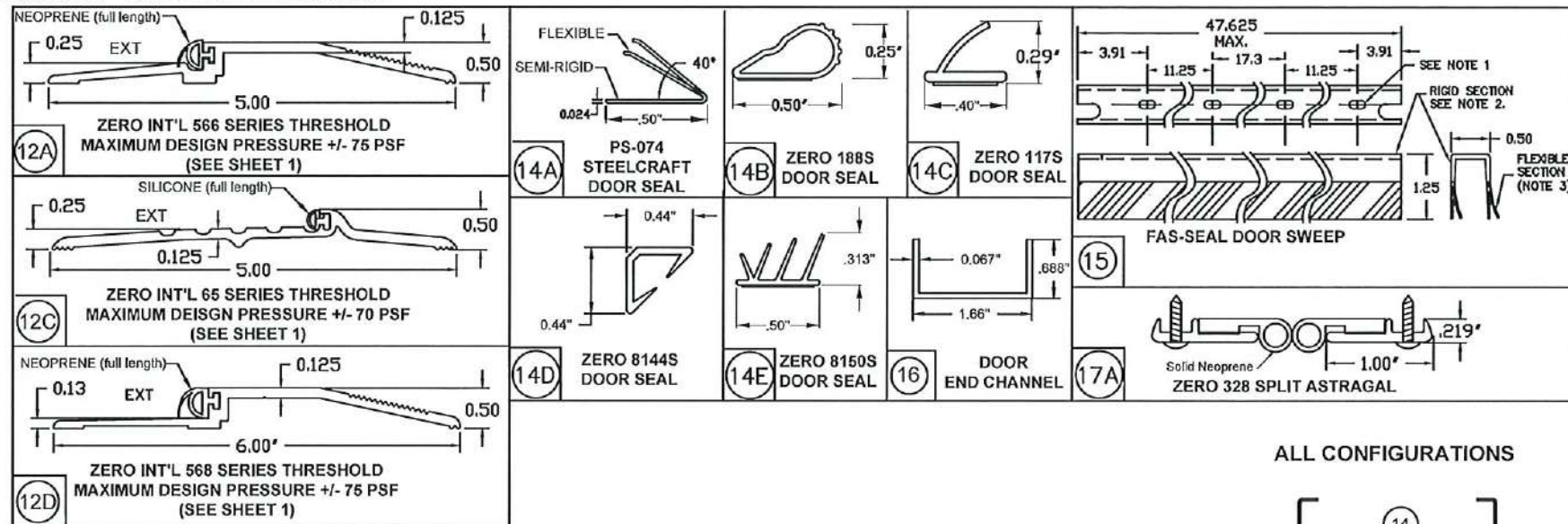
IRGD07

SHEET 6 of 20

TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

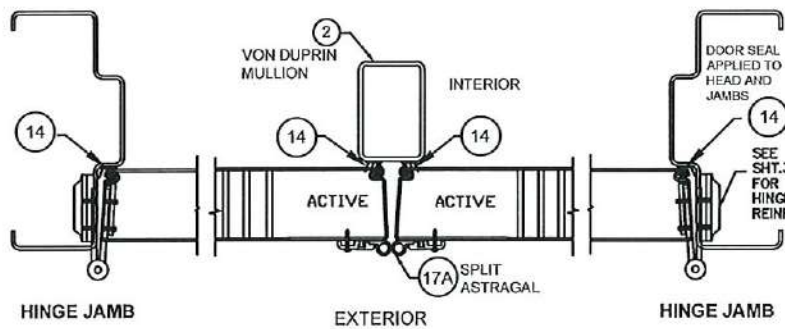
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12	12A 566 THRESHOLD	ZERO INT'L
	12C 65 THRESHOLD	ZERO INT'L
	12D 568 THRESHOLD	ZERO INT'L
14	14A PS074 DOOR SEAL	STEELCRAFT
	14B 188S DOOR SEAL	ZERO INT'L
	14C 117S DOOR SEAL	ZERO INT'L
	14D 8144S DOOR SEAL	ZERO INT'L
	14E 8150S DOOR SEAL	ZERO INT'L
15	FAS-SEAL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

ZERO INT'L 566, 65 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED
MAXIMUM DESIGN PRESSURE RATING 75PSF - MAXIMUM DOOR SIZE 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)

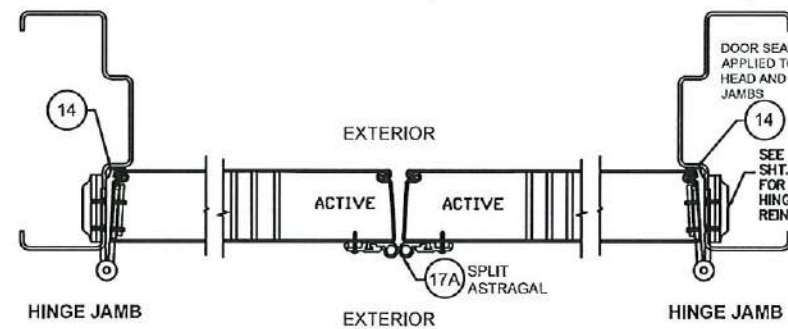


REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
B	REVISED DWG	RAP	11/26/07	
C	REVISED DWG	YMF	12/14/07	
D	REVISED DWG	YMF	12/14/08	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED PER_MDBCCO	YMF	01/04/10	
G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED 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	

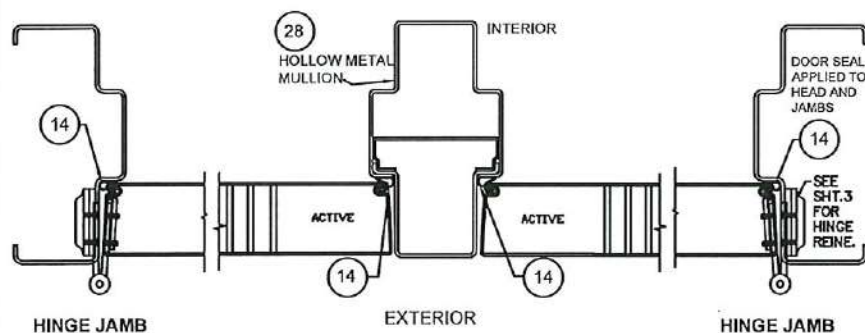
FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)



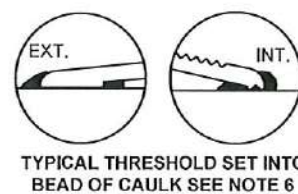
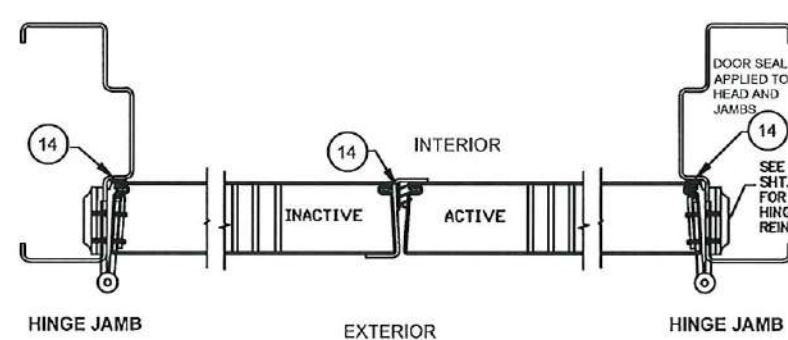
FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)



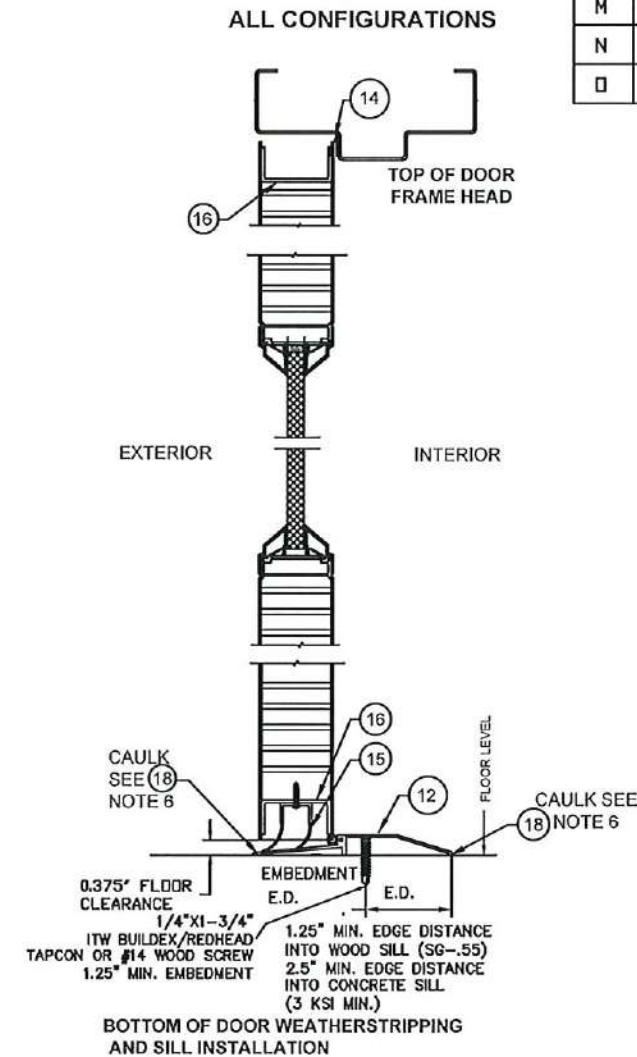
FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)



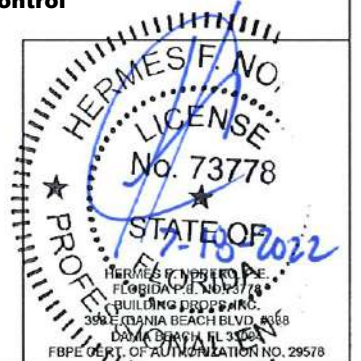
FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)



- 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), 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



PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By *Ishag I. Chanda*
Miami-Dade Product Control




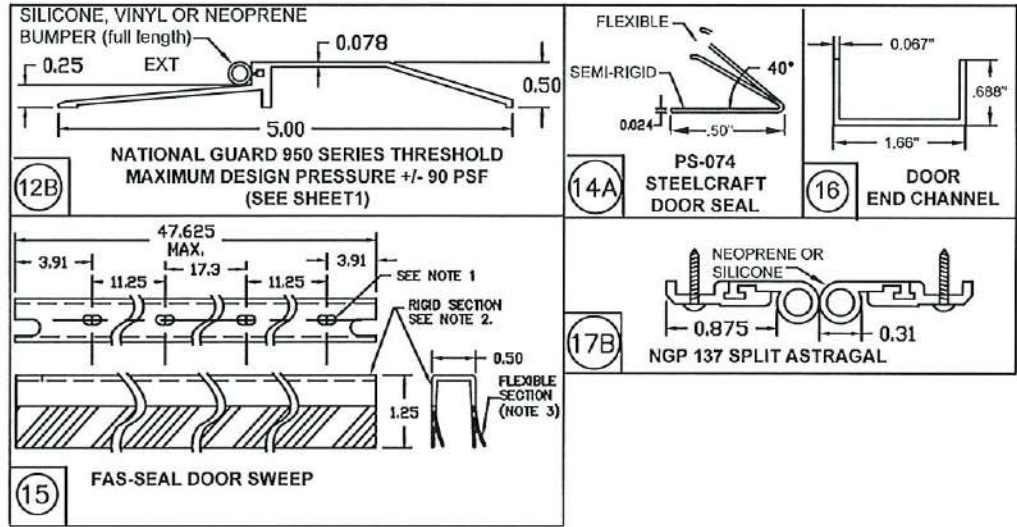
BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION							
DRAWN YMF	DATE 05/20/07	TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES					
CHECKED		DOUBLE GLAZED DOOR PERIMETER SEAL ZERO INT'L HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED					
APPROVED		SIZE FLAT	DWG NO. IRGD07			REV 0	
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD		SHEET 7 of 20		

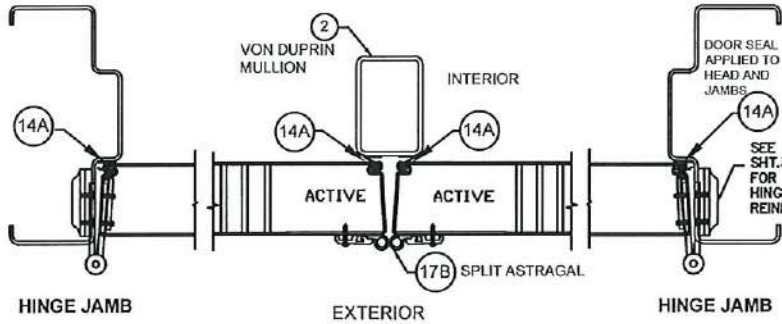
TABLE 4.2 PERIMETER SEAL HARDWARE - NGP THRESHOLD

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

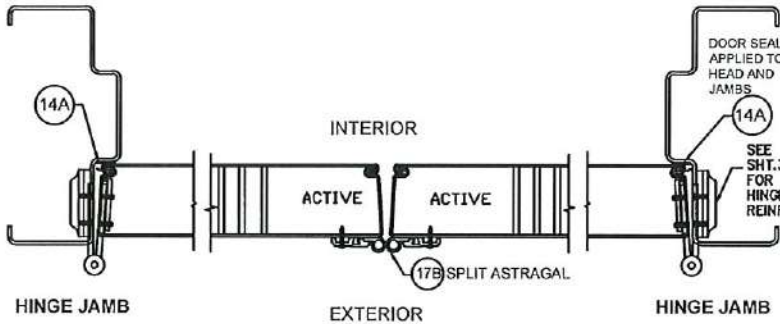
NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED -
MAXIMUM DESIGN PRESSURE 90 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)



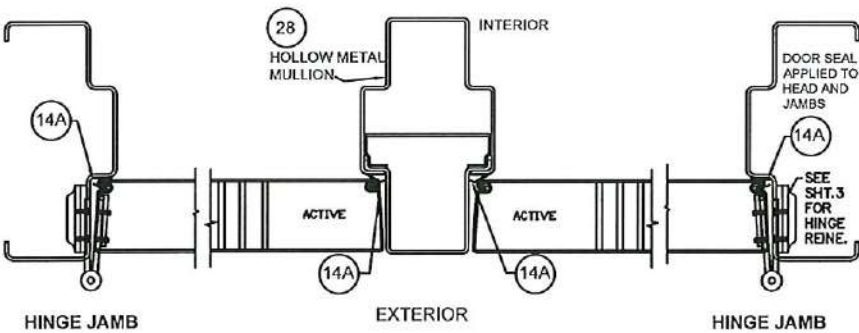
FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)



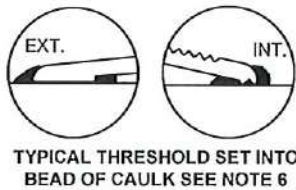
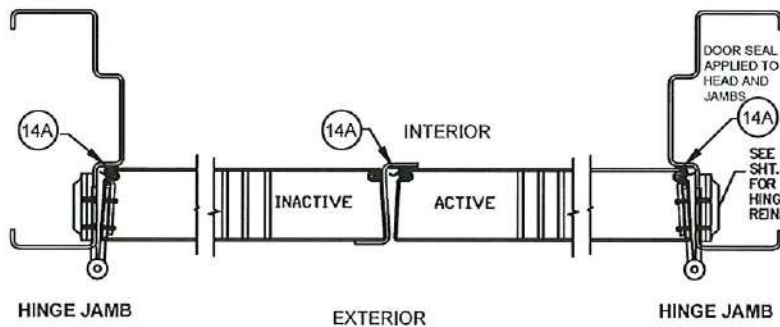
FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)



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



FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)

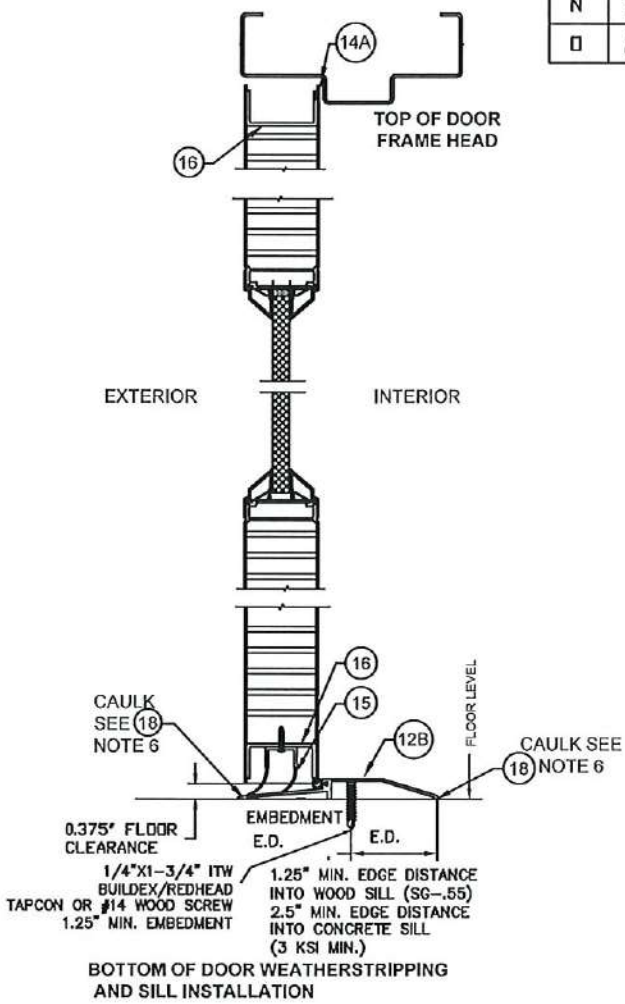


- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A) AND THRESHOLD (12B) AS APPLICABLE, ARE REQUIRED 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

REVISIONS

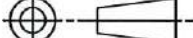
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07
B	REVISED DWG	RAP	11/26/07
C	REVISED DWG	YMF	12/14/07
D	REVISED DWG	YMF	12/14/08
E	REVISED DWG	YMF	02/05/09
F	REVISED DWG	YMF	01/04/10
G	REVISED DWG	YMF	04/08/10
H	REVISED NAME	JPD	11/01/13
J	REVISED DWG	JPD	02/01/15
K	REVISED DWG	JPD	05/05/15
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

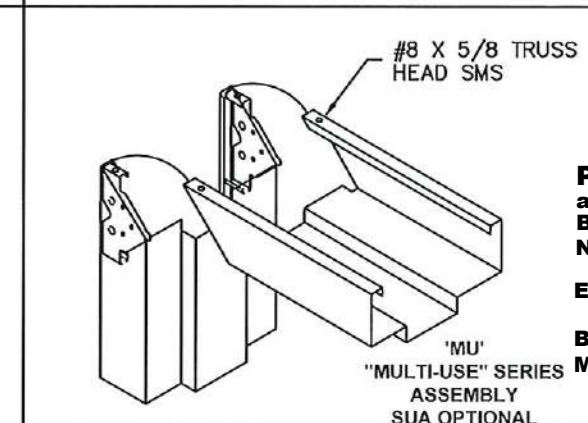
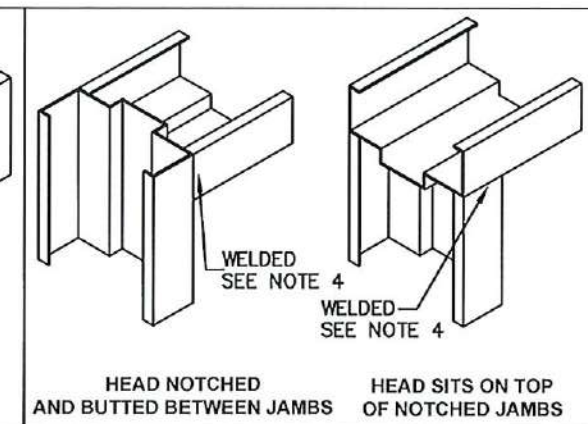
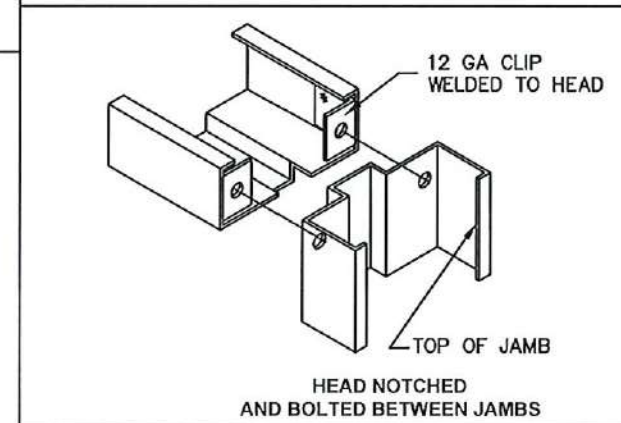
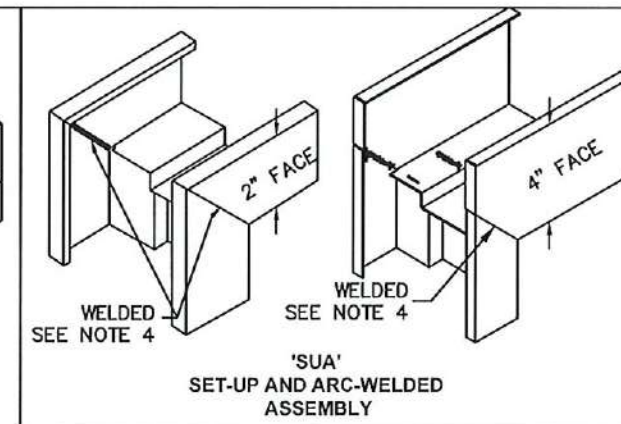
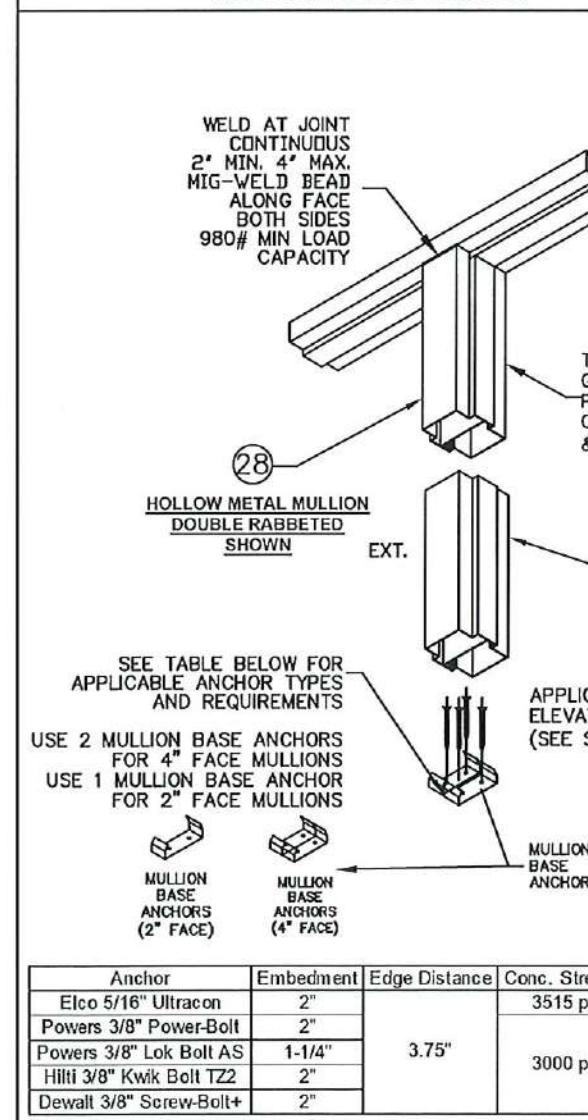
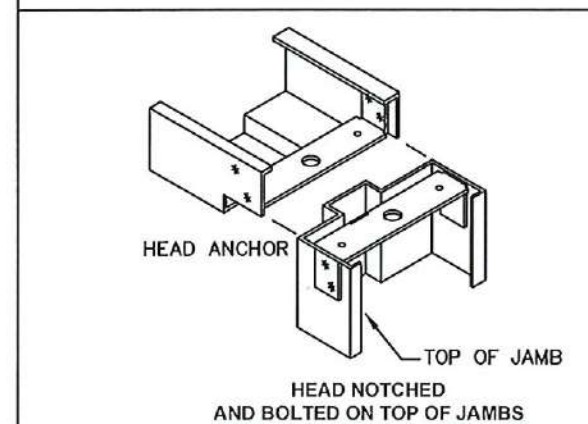
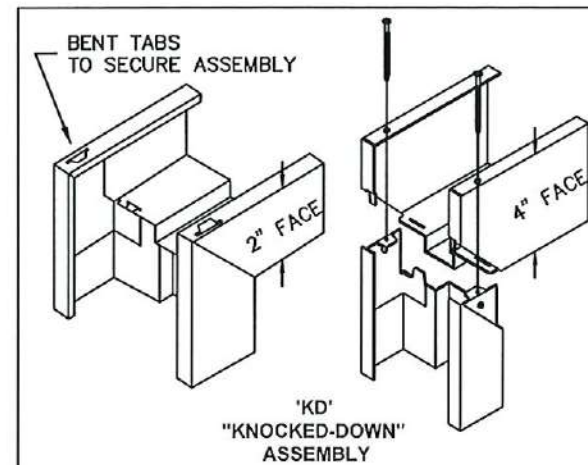
ALL CONFIGURATIONS



PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag I. Chande
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 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 <div></div>
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.

PRODUCT RENEWED
 as complying with the Florida Building Code
 NOA-No. 22-0414.20
 Expiration Date 05/05/2028
 By *Ishag L. Chank*
Miami-Dade Product Control

REVISIONS				
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	

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

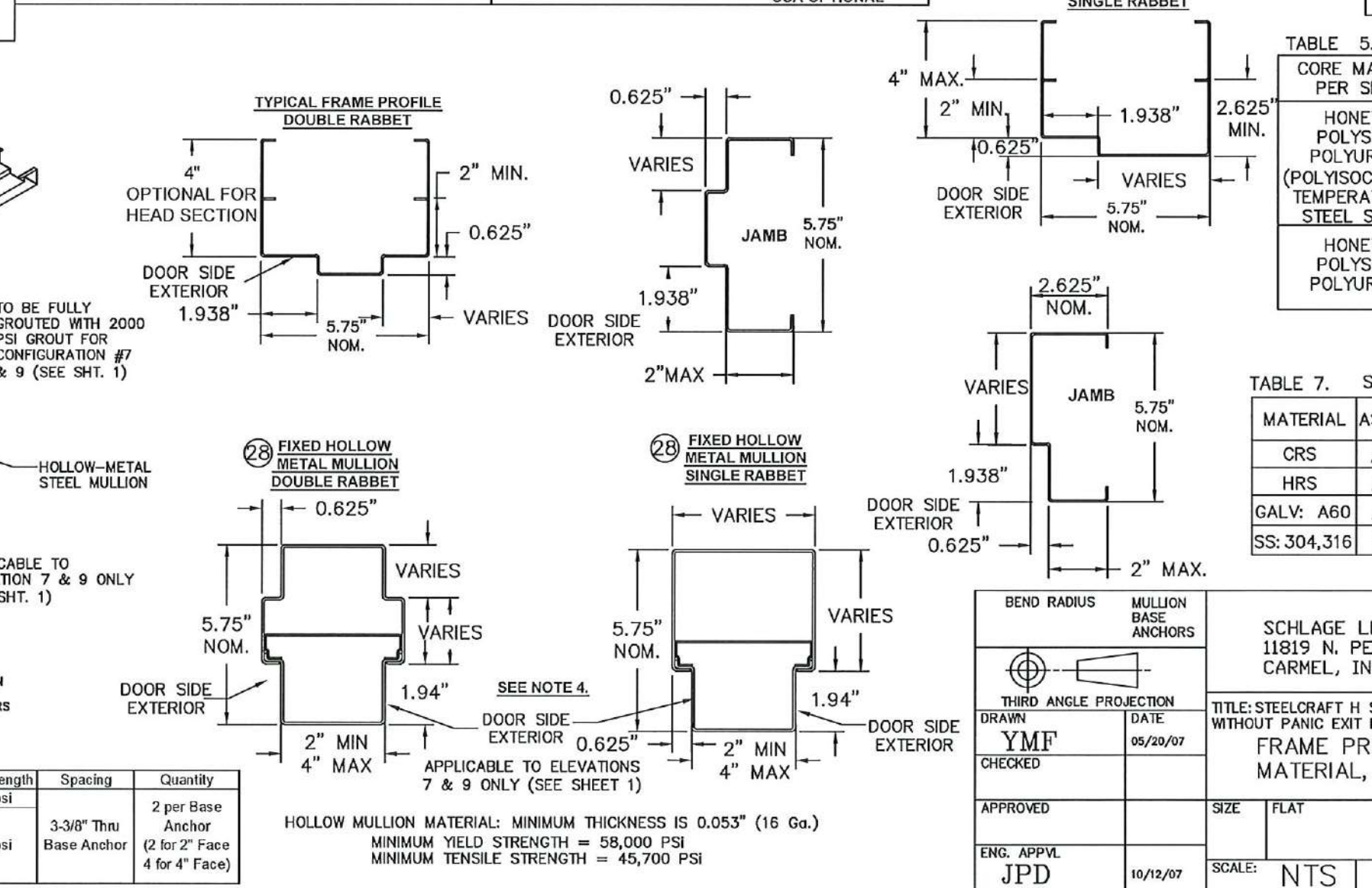
FRAME SERIES	JAMB DEPTH	MAX. OPENING SIZE	MATERIAL
		WIDTH HEIGHT	DESCR. GA./MIN. THK
F	5.75" NOM.	8'0" 8'0"	CRS/HRS GALV
			16/.053"
			14/.067"
			12/.099"
			STAINLESS STEEL
			16/.053"
MU	5.75" NOM.	8'0" 8'0"	CRS/HRS GALV
			14/.067"

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		



BEND RADIUS

MULLION BASE ANCHORS

THIRD ANGLE PROJECTION

DRAWN YMF

CHECKED

APPROVED

ENG. APPVL JPD

DATE 05/20/07

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

SIZE FLAT

DWG NO. IRGD07

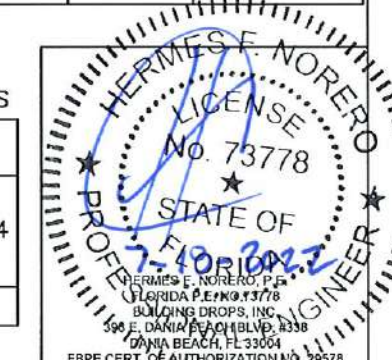
REV 0

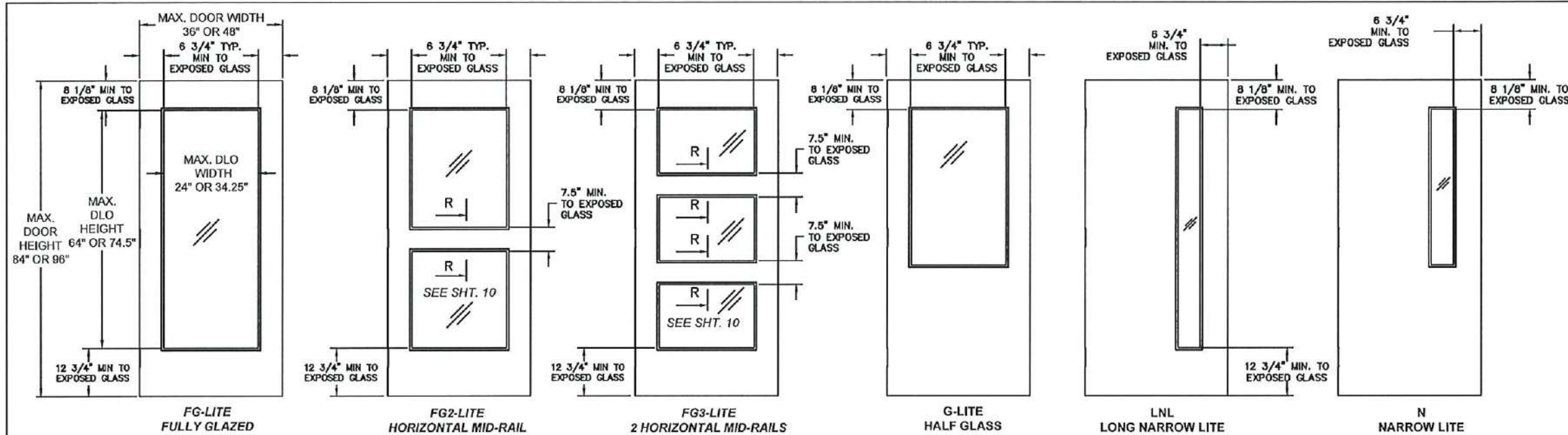
SCALE: NTS AUTOCAD

SHEET 9 OF 20

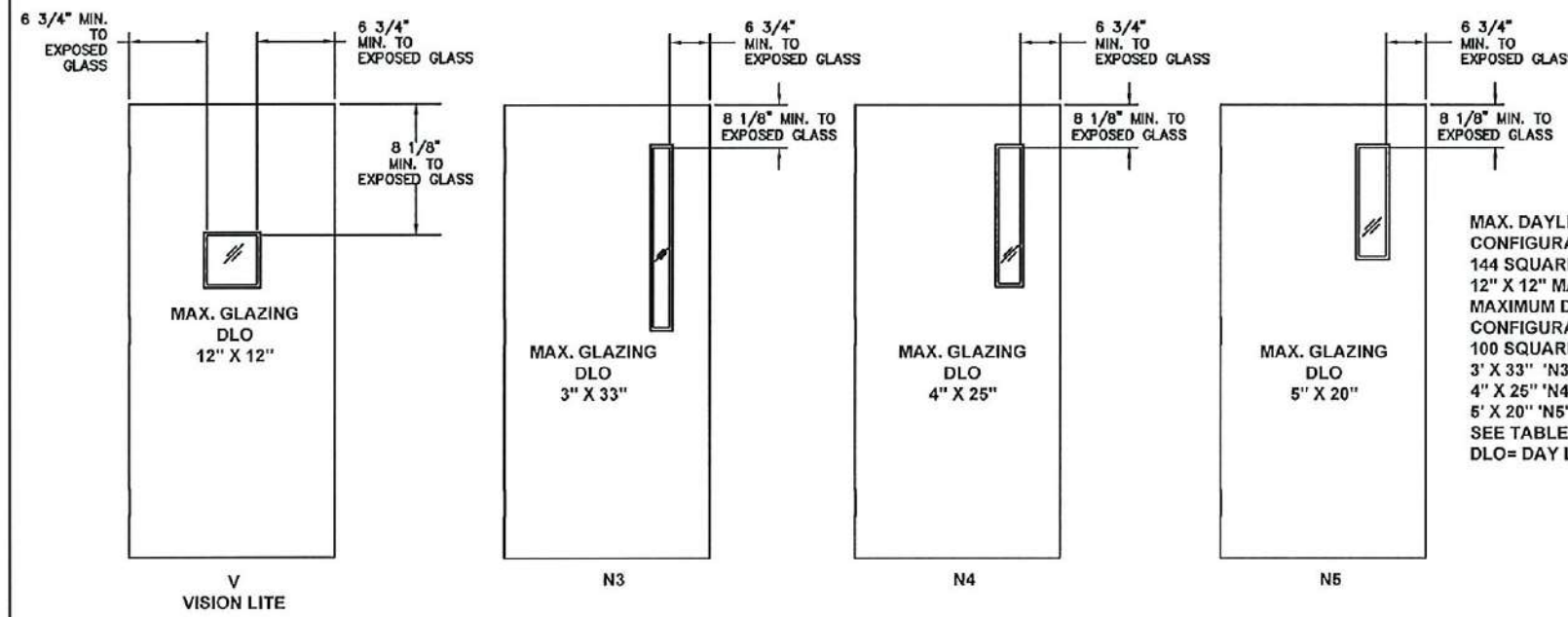
Anchor	Embedment	Edge Distance	Conc. Strength	Spacing	Quantity
Elco 5/16" Ultracon	2"	3.75"	3515 psi	3-3/8" Thru Base Anchor	2 per Base Anchor (2 for 2" Face 4 for 4" Face)
Powers 3/8" Power-Bolt	2"		3000 psi		
Powers 3/8" Lok Bolt AS	1-1/4"				
Hilti 3/8" Kwik Bolt TZ2	2"				
Dewalt 3/8" Screw-Bolt+	2"				

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

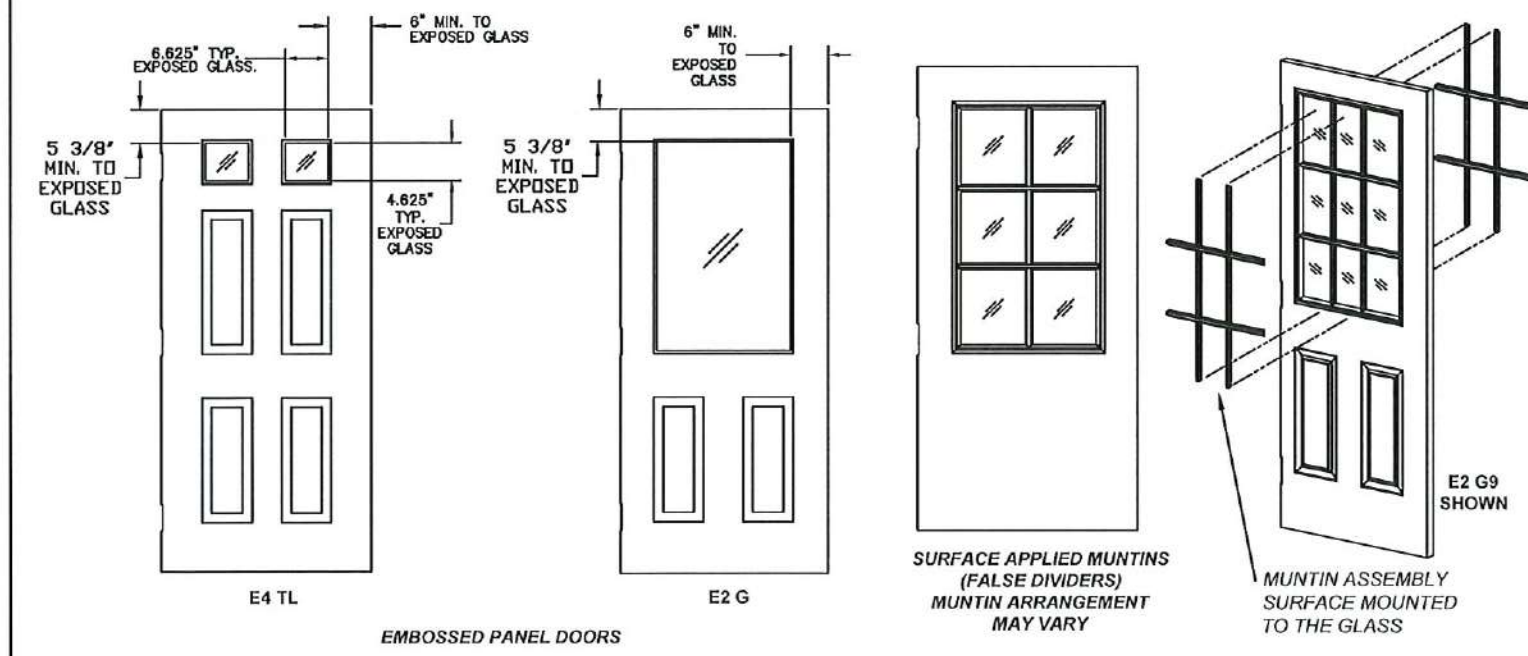




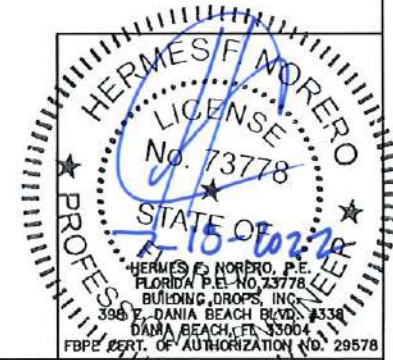
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
B	REVISED DWG	RAP	11/26/07	
C	REVISED DWG	RAP	12/12/07	
D	REVISED DWG	YMF	12/15/08	
E	REVISED PER_MDBCCO	YMF	12/15/08	
F	REVISED PER_MDBCCO	YMF	01/04/10	
G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED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



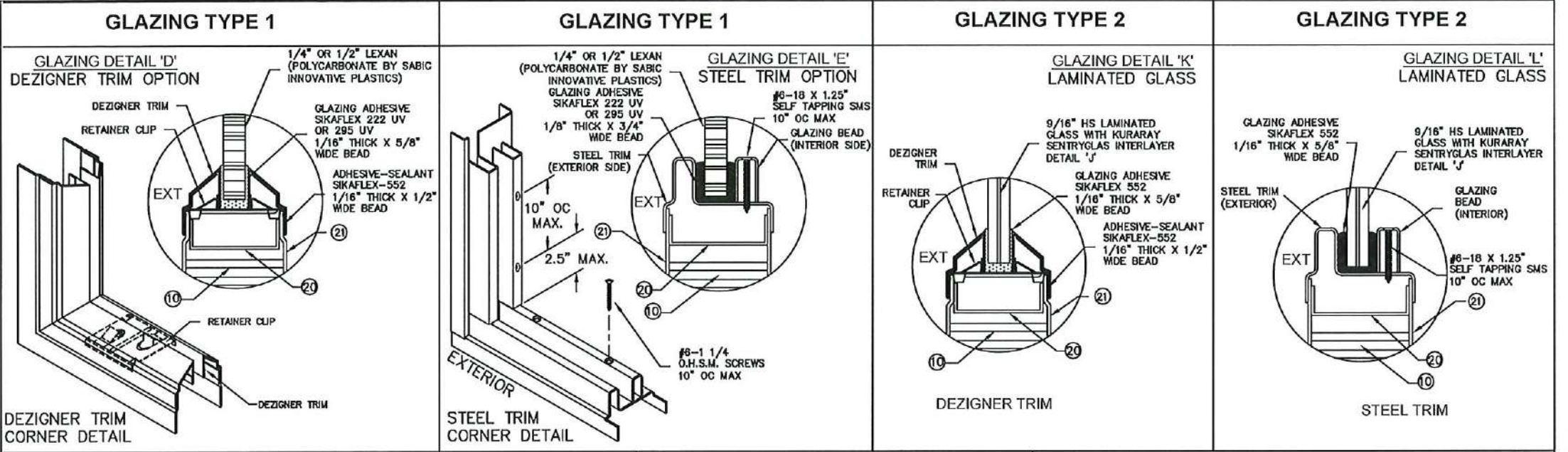
- NOTES:**
1. DOOR CONSTRUCTION
 2. NOMINAL DOOR THICKNESS - 1 3/4"
 3. ALL GLASS LITE TYPES SHOWN ON THIS SHEET ARE AVAILABLE FOR ALL DOOR CONFIGURATIONS SHOWN ON SHEET 1 AND TABLE 1 SHEET 2 EXCEPT FOR CONFIGURATIONS 3A AND 3B. SEE NOTE 4
 4. DOOR CONFIGURATION 3A AVAILABLE WITH 'V' VISION LITE AND 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)



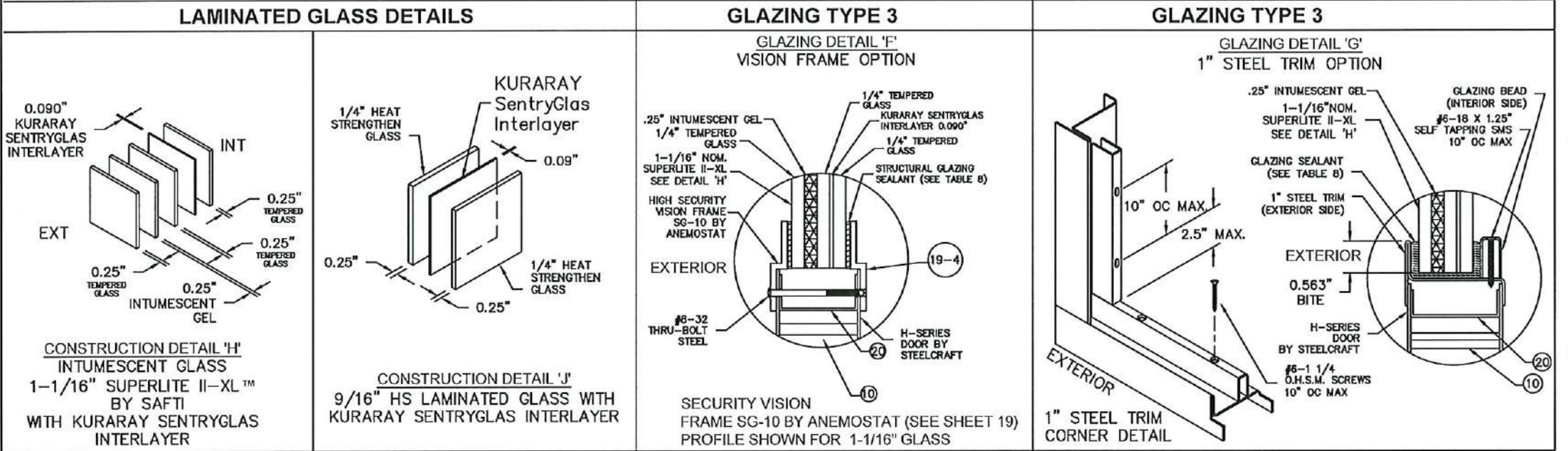
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control



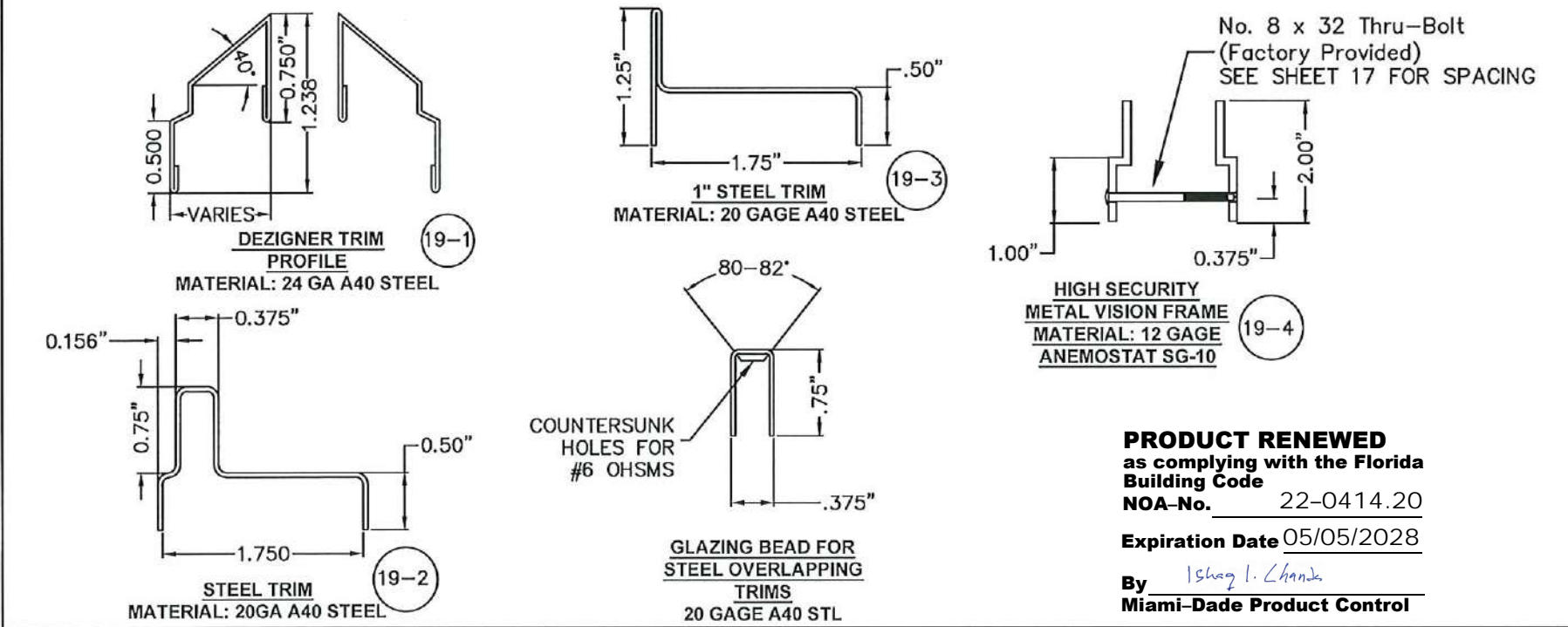
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF		DATE 05/20/07		GLASS DOOR CONFIGURATIONS.	
CHECKED					
APPROVED		SIZE FLAT		DWG NO. IRGD07	REV 0
ENG. APPVL JPD		11/15/07		SCALE NTS	AUTOCAD
SHEET 10 OF 20					



REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG.	YMF	05/20/07	
C	REVISED DWG.	RAP	12/12/07	
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	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	



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
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	
3	1-1/16" SUPERLITE II-XL™ BY SAFTI WITH KURARAY SENTRYGLAS INTERLAYER and DETAILS 'H', 'F' & 'G'	1" STEEL TRIM	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		1" STEEL TRIM (DETAIL 'G')	



NOTES:

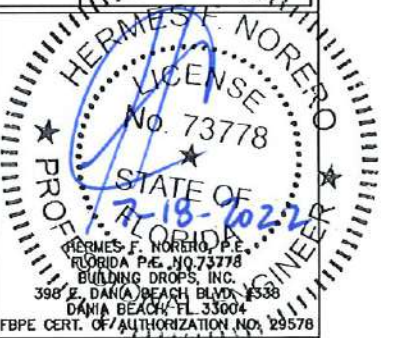
1. SEE SHT.1 FOR ELEVATIONS, SHT.2 FOR SIZES AND SHT.9 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.

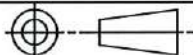
2. SEE SHTS. 4 & 20 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM AND REQUIREMENTS, AND SHEETS 9 & 13 FOR MULLION ANCHORING.

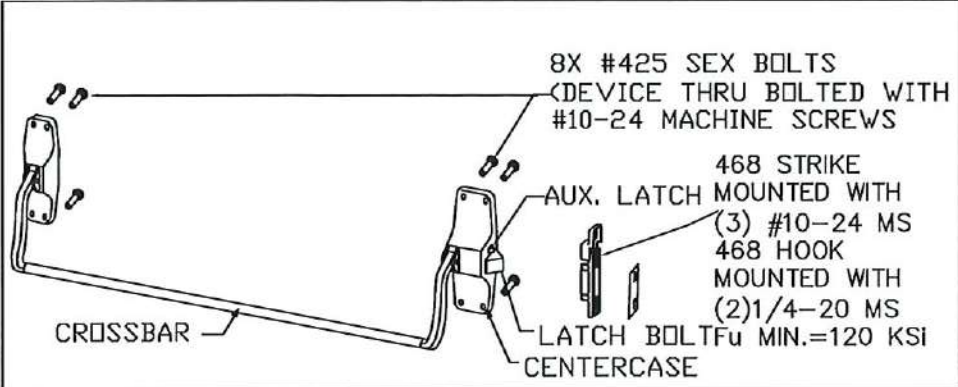
3. SEE SHT. 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS

4. APPROVED HARDWARE ON SHEETS 1, 2, 3, 5, 6, 12-15, AND 19

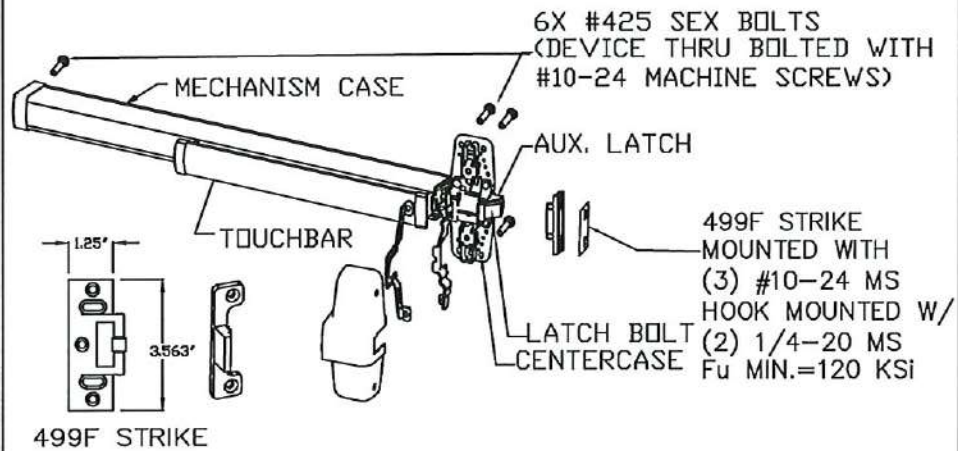
5. HARDWARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



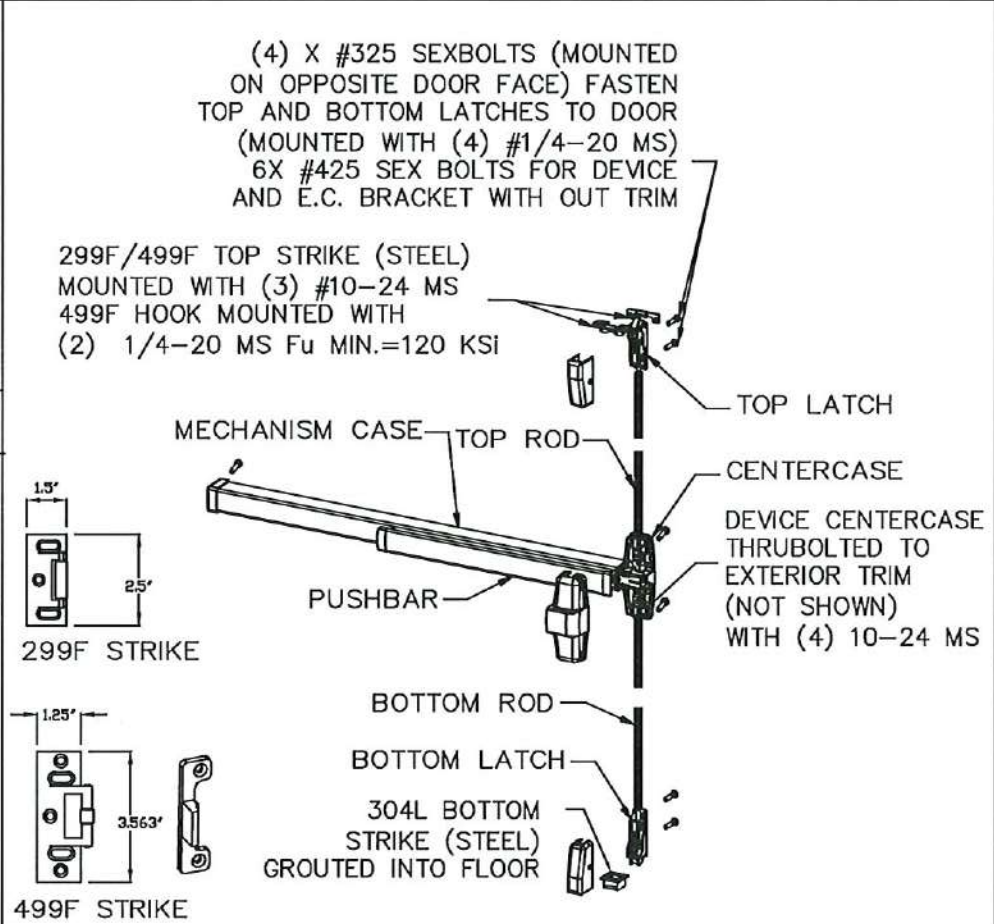
BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
THIRD ANGLE PROJECTION				TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOOR WITH AND WITHOUT PANIC EXIT DEVICES GLASS TRIM OPTIONS.				
DRAWN YMF	DATE 05/20/07							
CHECKED								
APPROVED		SIZE	FLAT	DWG NO.		IRGD07		REV 0
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD		SHEET		11 of 20



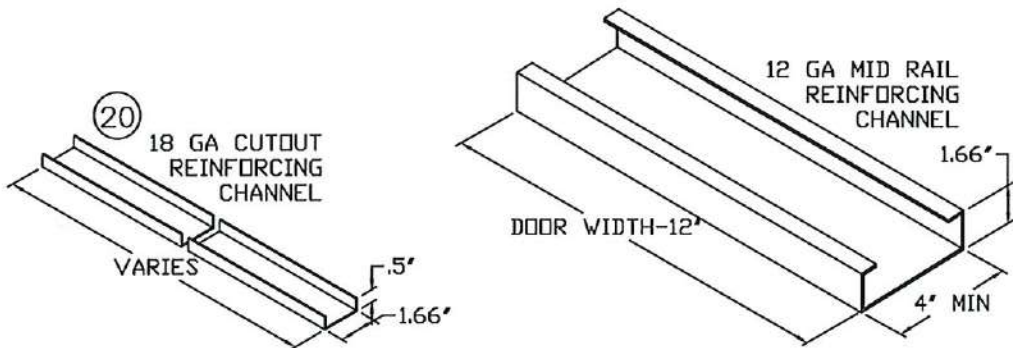
VON DUPRIN 88-F RIM DEVICE, USED IN CONFIGURATIONS: 1 & 2



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

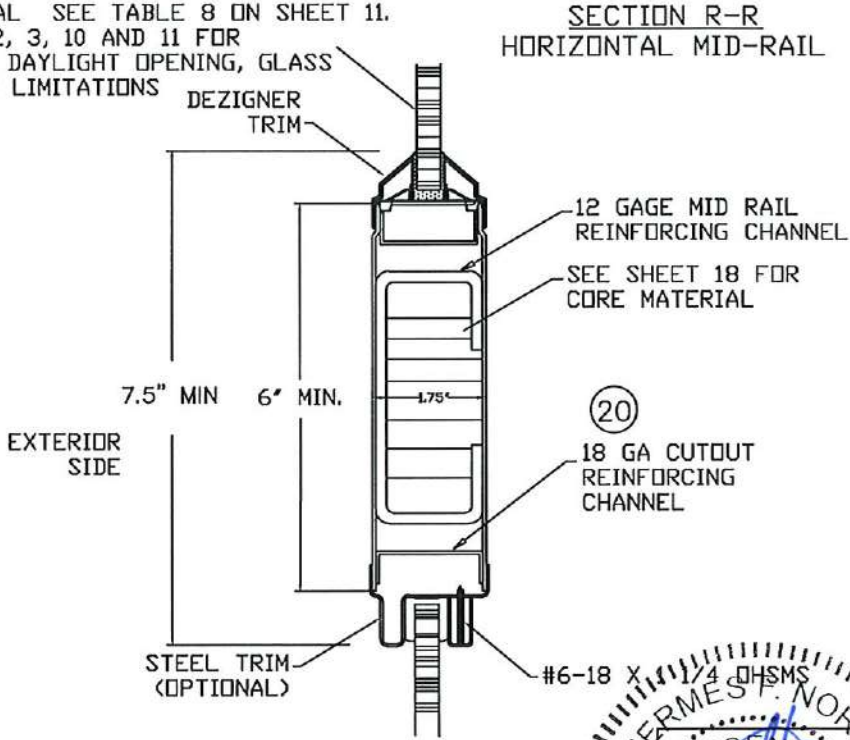


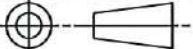
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By *Ishag I. Chande*
Miami-Dade Product Control

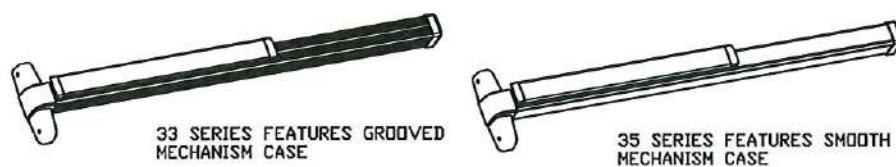
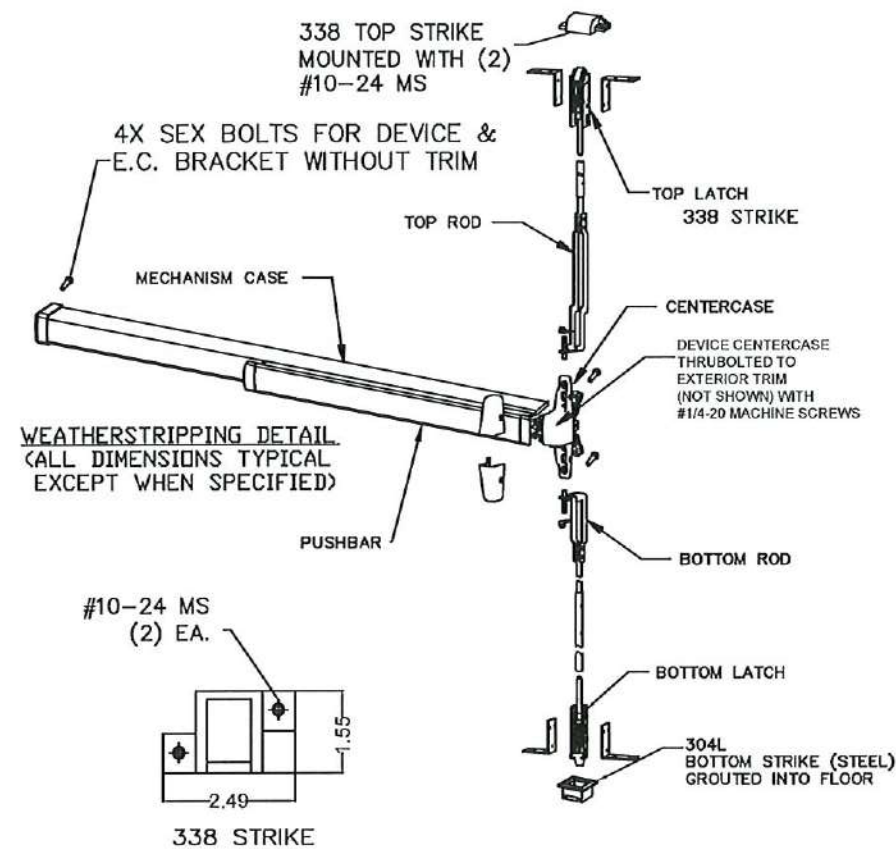
NOTES:
1. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
2. EXIT HARDWARE OPTIONS:
FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN
TRIM: ALL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

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
C	REVISED DWG	RAP	12/14/07	
D	REVISED DWG	YMF	12/14/08	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED 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	
N	2020 FBC UPDATE	NUS	07/07/20	
D	ANCHOR/STRIKE UPDATE	LL	04/06/22	

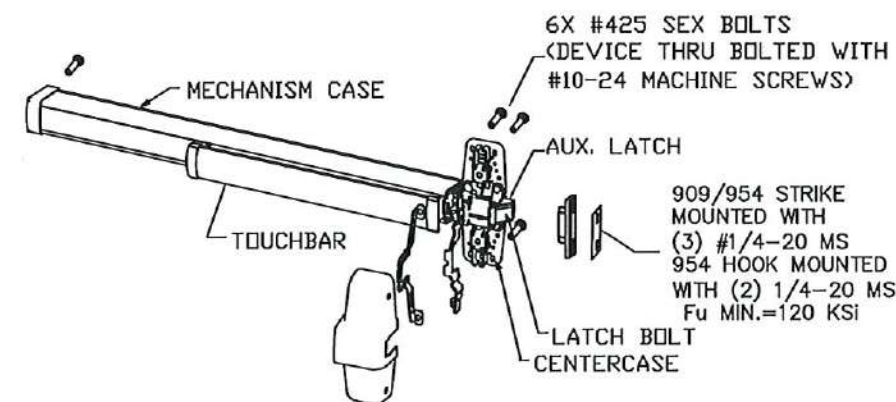
GLAZING MATERIAL SEE TABLE 8 ON SHEET 11.
SEE SHEETS 1, 2, 3, 10 AND 11 FOR
INFORMATION ON DAYLIGHT OPENING, GLASS
TYPES AND SIZE LIMITATIONS



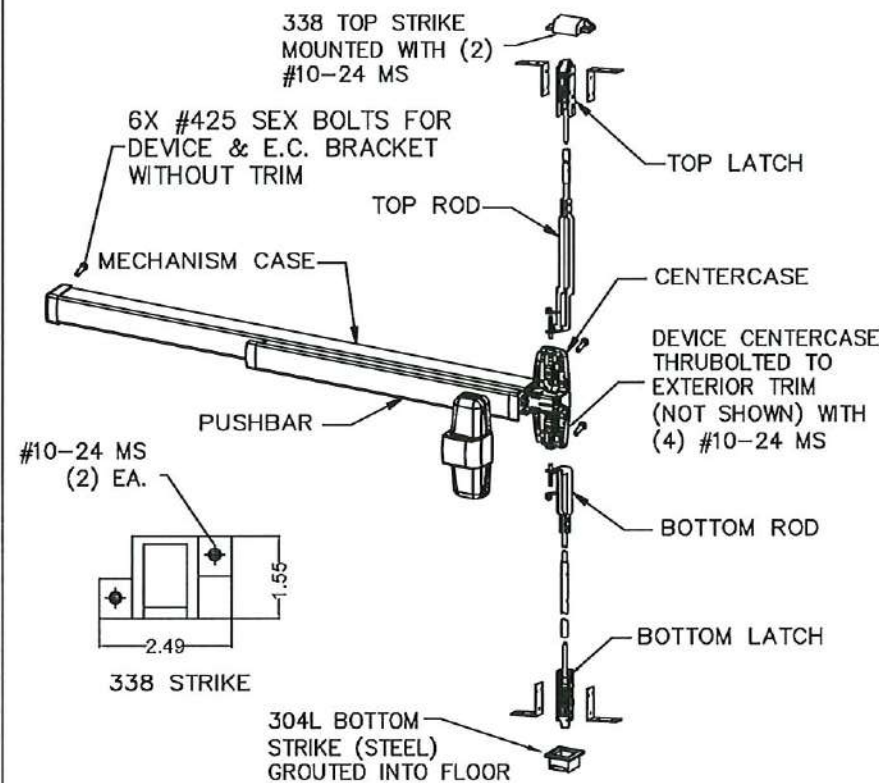
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES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



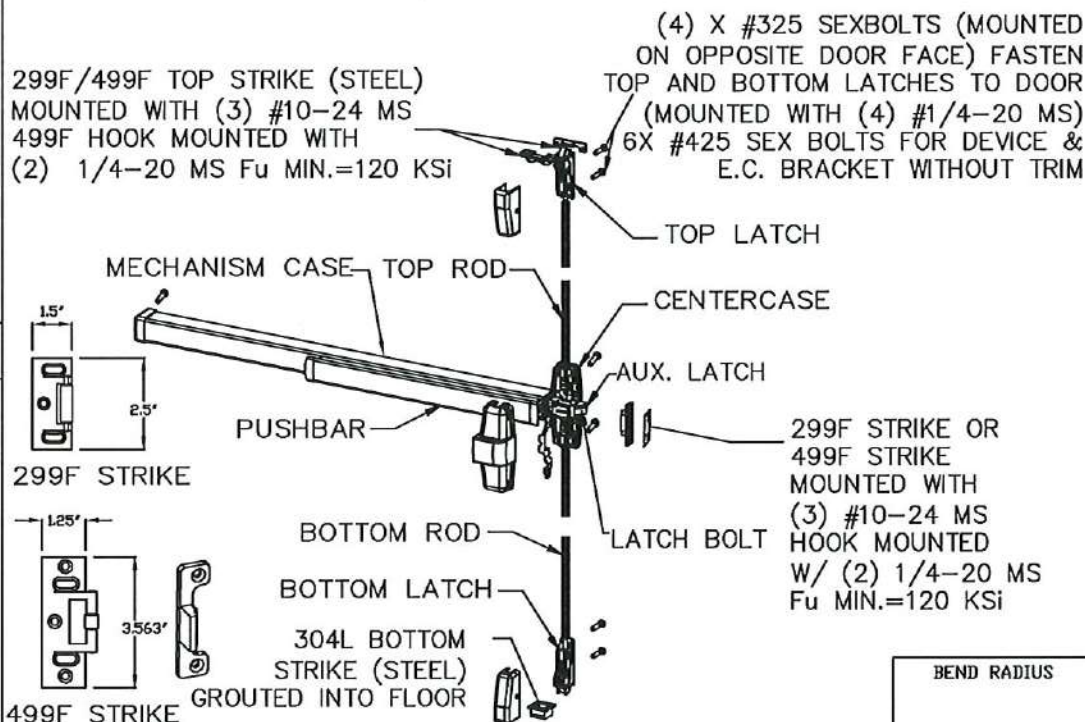
VON DUPRIN 3347A-F, 3547A-F, HH3347A, HH3547A CONCEALED VERTICAL ROD DEVICE USED IN CONFIGURATIONS: 5



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



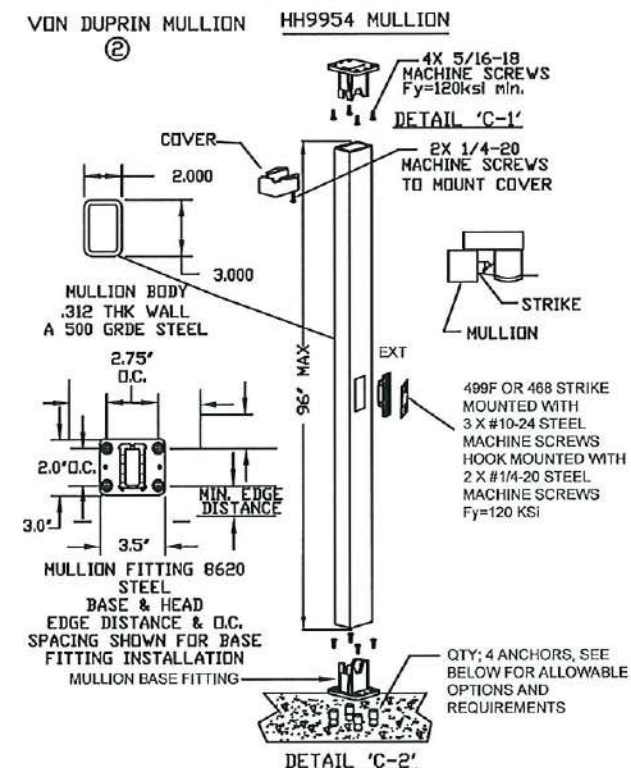
VON DUPRIN 9847-F, 9947-F, HH9847, HH9947 (CONCEALED) VERTICAL ROD USED IN CONFIGURATION: 5



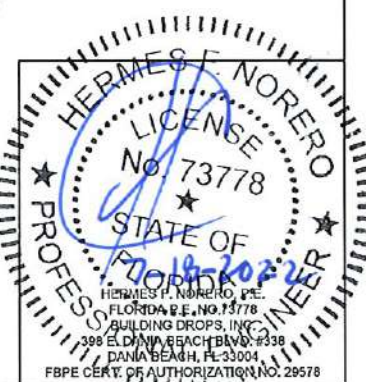
VON DUPRIN 98/9957(F) THREE POINT EXIT DEVICE USED IN CONFIGURATIONS: 6, 7, 8 & 9

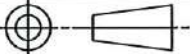
NOTE: ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
EXIT HARDWARE OPTIONS:
FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN (OPTIONS MAY VARY 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.

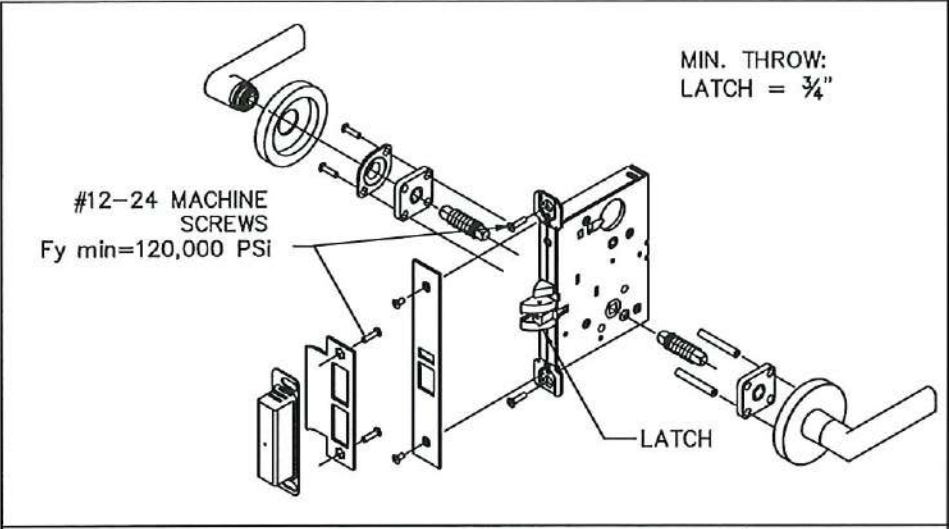
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishaq I. Chanda
Miami-Dade Product Control



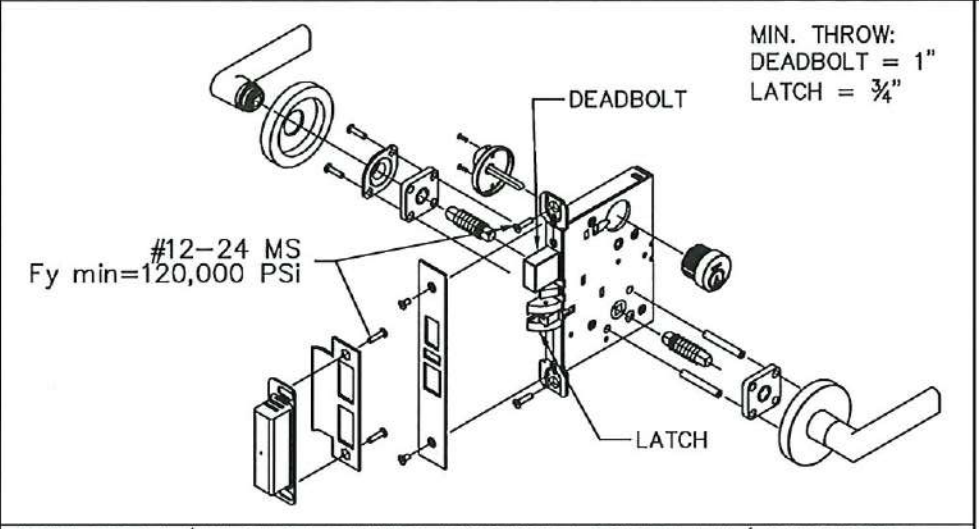
MULLION ANCHOR NOTES:
ALLOWABLE ANCHOR TYPES ARE (SEE ABOVE FOR SPACING REQUIREMENTS):
1/4" DEWALT/POWERS SMART DI+ EXPANSION ANCHORS WITH MIN 1" EMBEDMENT AND MIN 2.8" EDGE DISTANCE IN 3000 PSI CONCRETE OR
1/4" HILTI KB-TZ2 (CS OR SS) WITH MIN 1-1/2" EMBEDMENT WITH 3-1/4" EDGE DISTANCE IN 4000 PSI CONCRETE



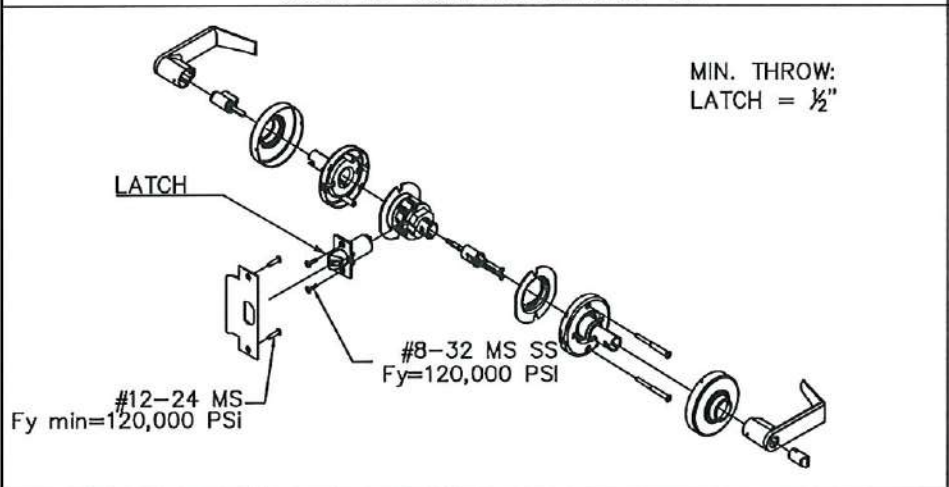
BEND RADIUS					SCHLAGE LOCK COMPANY, LLC			MANUFACTURING FACILITY:		
THIRD ANGLE PROJECTION					11819 N. PENNSYLVANIA STREET			STEELCRAFT		
DRAWN		DATE		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES						
YMF		05/20/07		EXIT HARDWARE FOR GLASS DOUBLE DOORS.						
CHECKED										
APPROVED				SIZE	FLAT	DWG NO.			REV	
						IRGD07			<input type="checkbox"/>	
ENG. APPVL				SCALE:			SHEET			
JPD		11/15/07		NTS			13 OF 20			
				AUTOCAD						



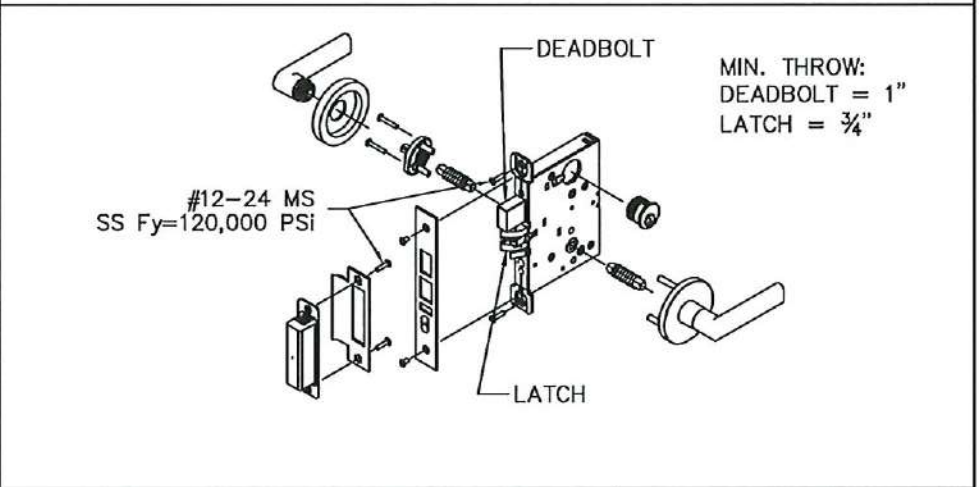
SCHLAGE L/LV 9000 SERIES MORTISE LOCKSET W/O DEADBOLT
USED IN CONFIGURATIONS: 10



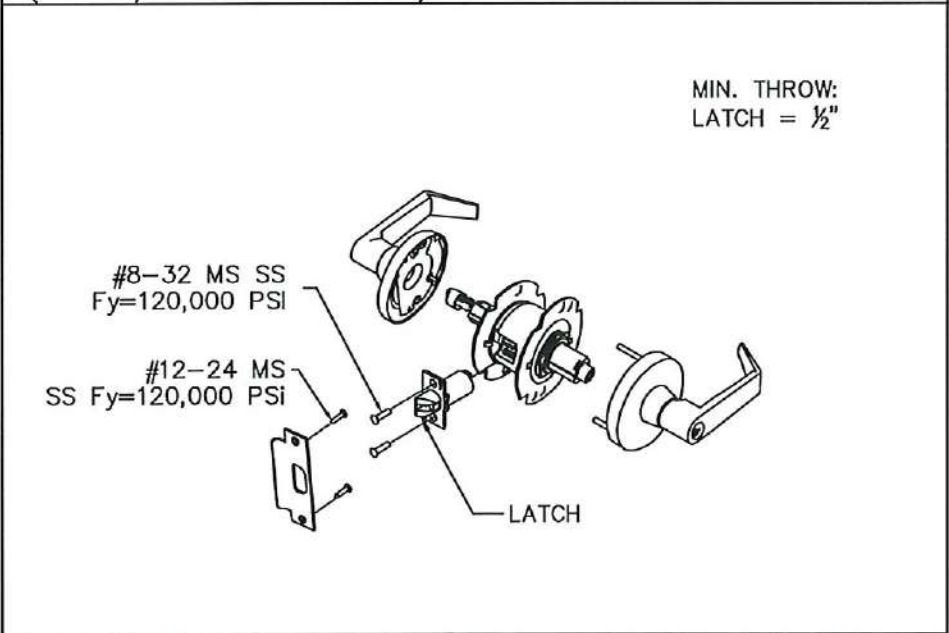
SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET W/ DEADBOLT
USED IN CONFIGURATIONS: 10



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

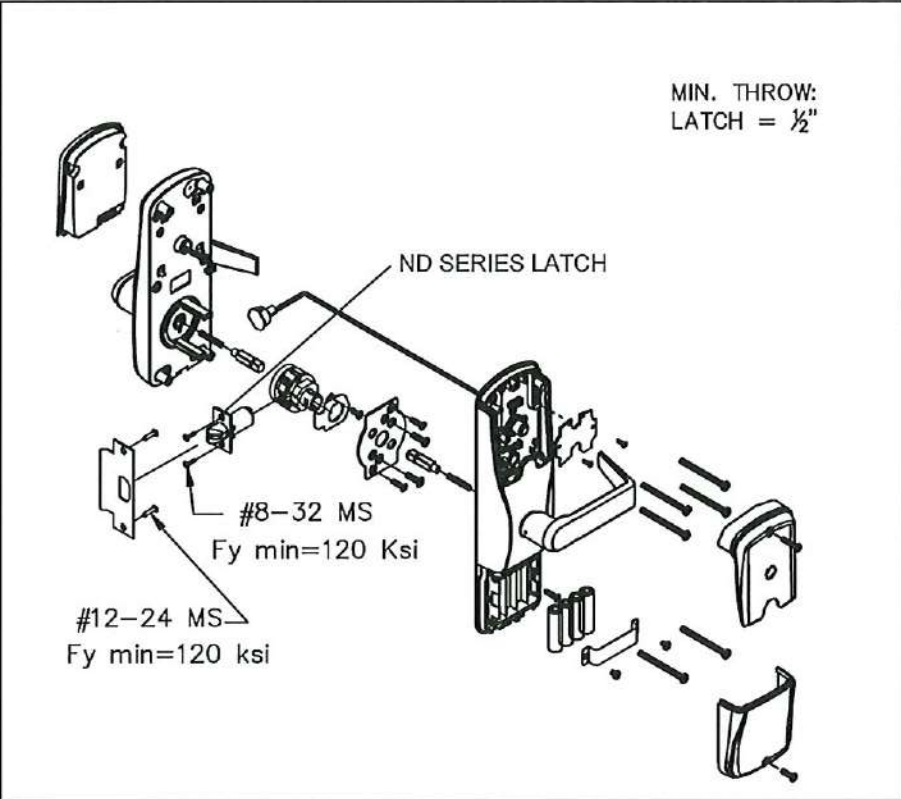
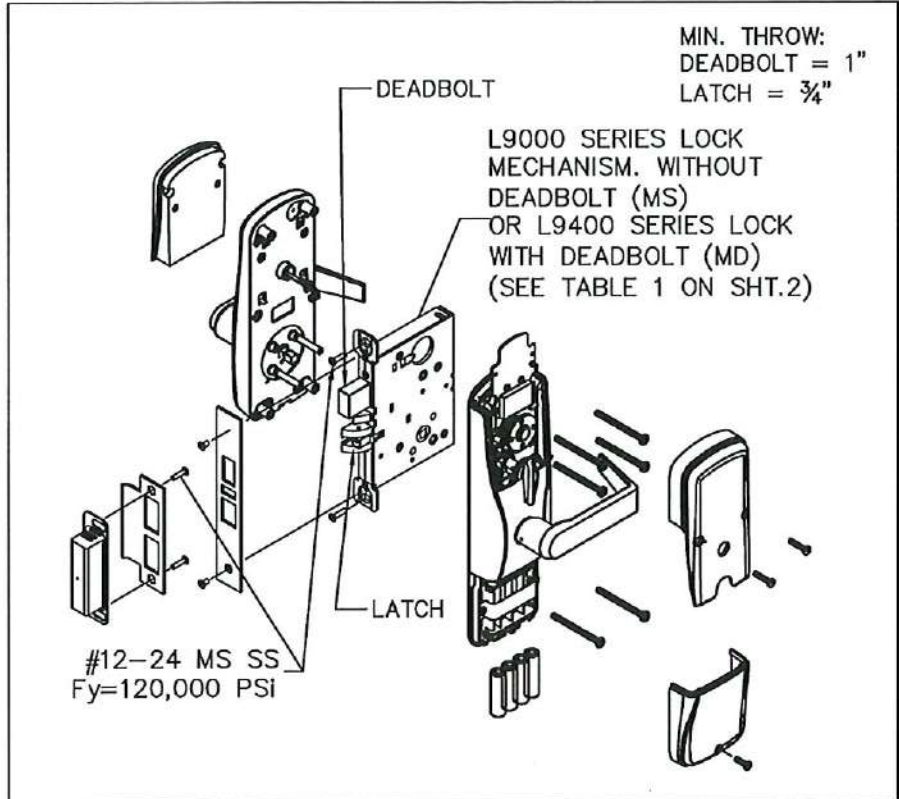
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
B	REVISED DWG	RAP	11/26/07	
C	REVISED DWG	RAP	12/14/07	
D	REVISED DWG	YMF	12/14/08	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED DWG	YMF	12/18/09	
G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED DWG	JPD	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	

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.



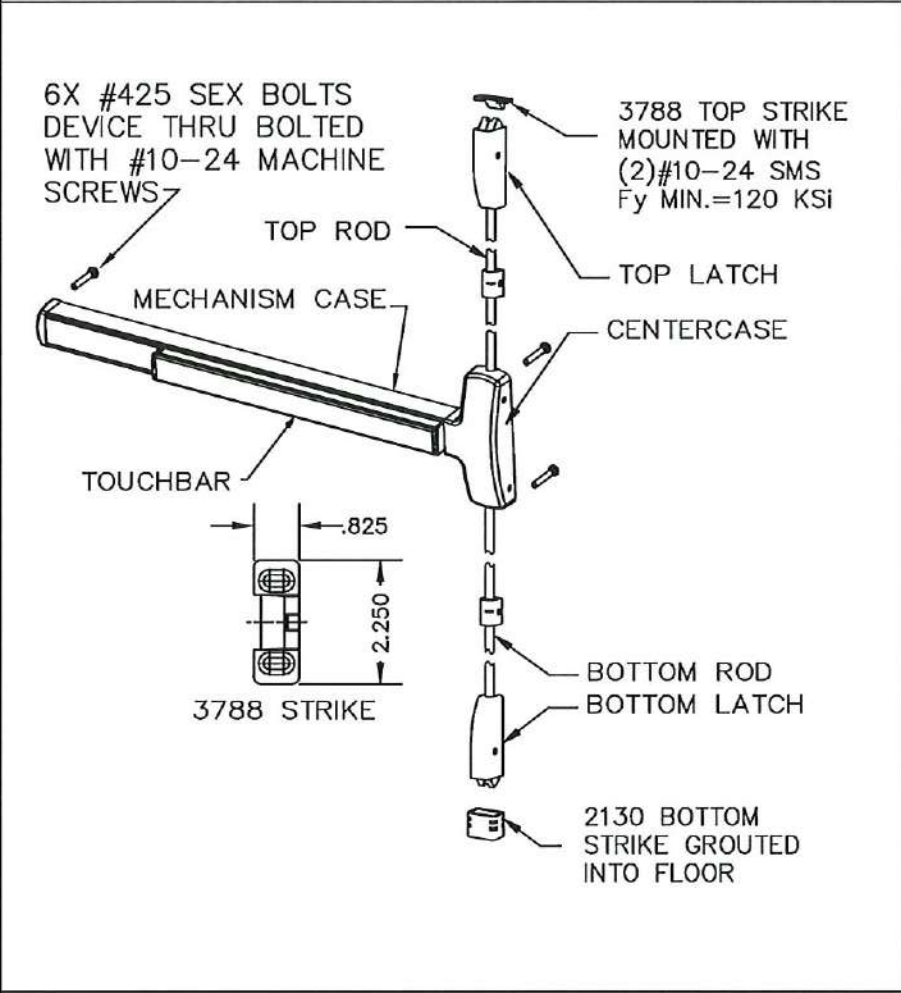
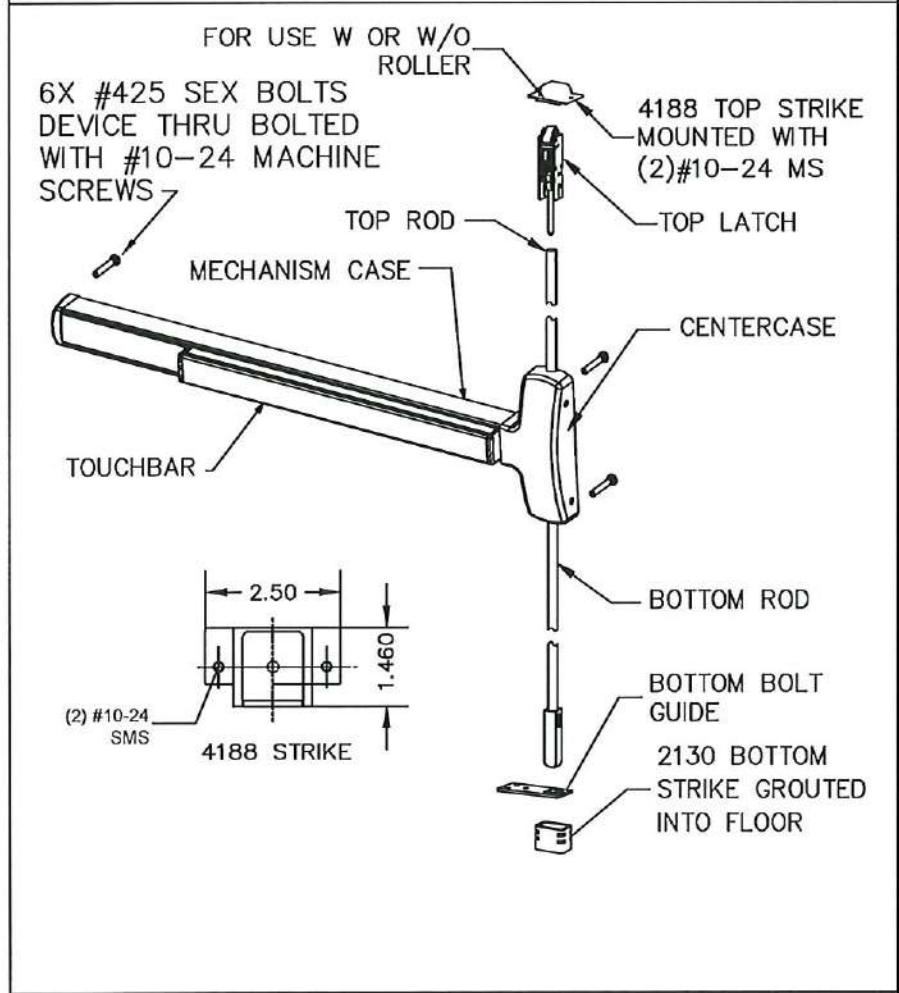
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By *Ishaq I. Chande*
Miami-Dade Product Control

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		SIZE	FLAT	DWG NO.	REV
APPROVED				IRGD07	0
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)

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



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

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

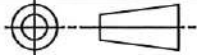
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	ADDED	12/18/09	
G	REVISED_PER_MDBCCO	04/08/10	
H	REVISED_NAME	11/01/13	
J	REVISED	05/05/15	
L	ENGINEER CHANGE LA	03/14/17	
M	ADDRESS CHANGE JPD	01/10/20	
N	2020 FBC UPDATE NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE LL	04/06/22	

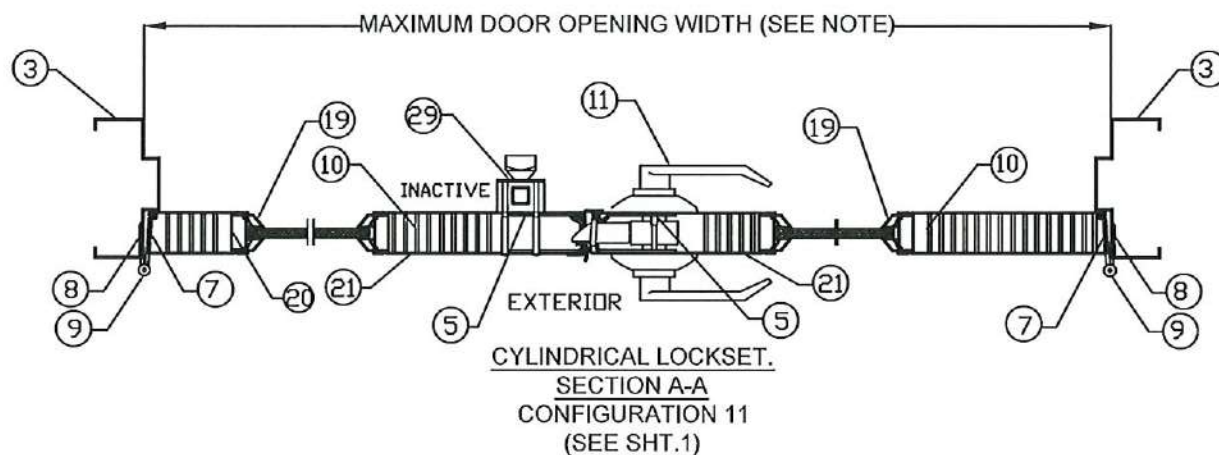
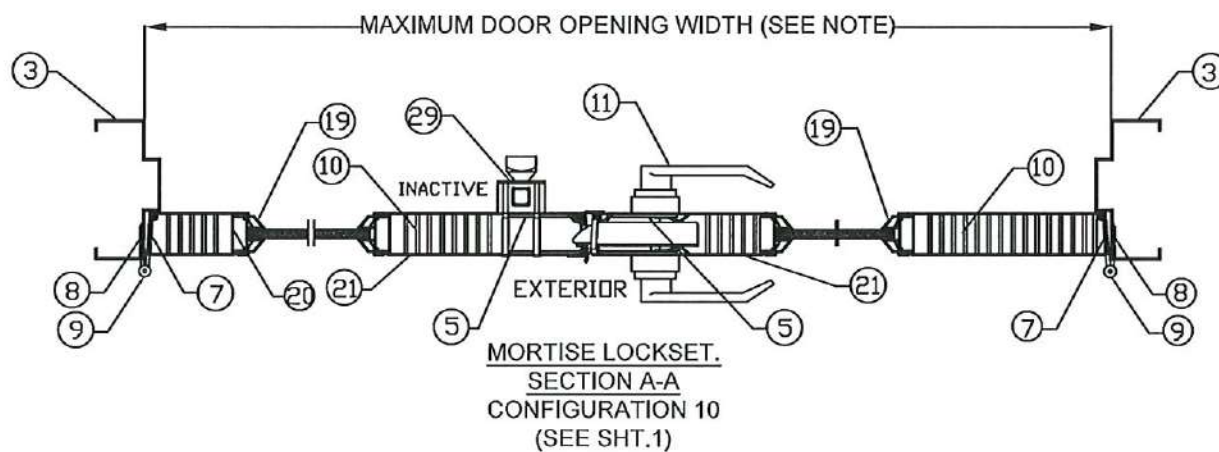
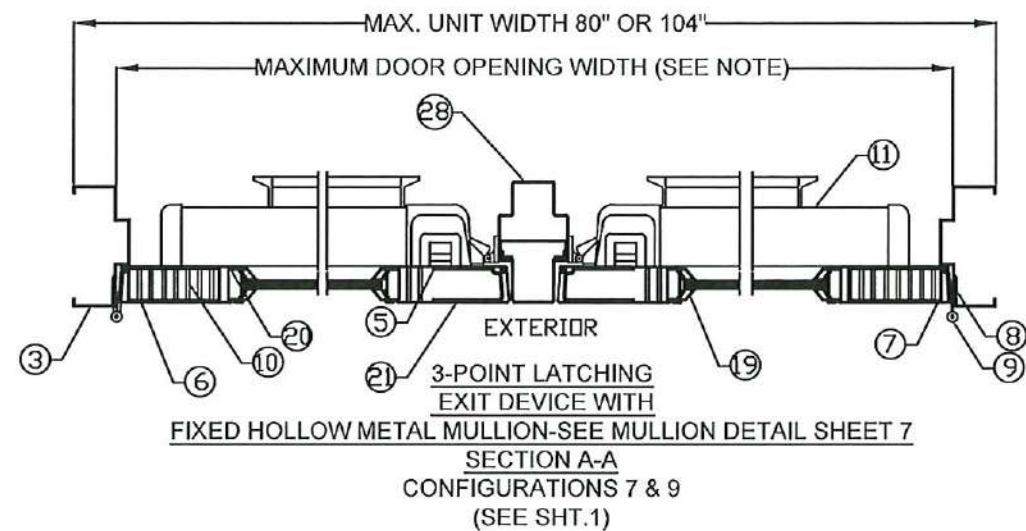
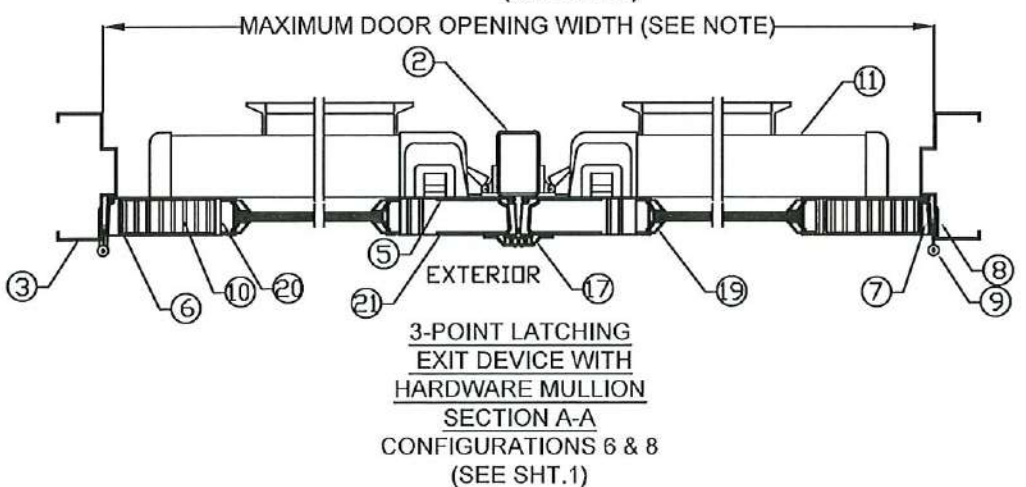
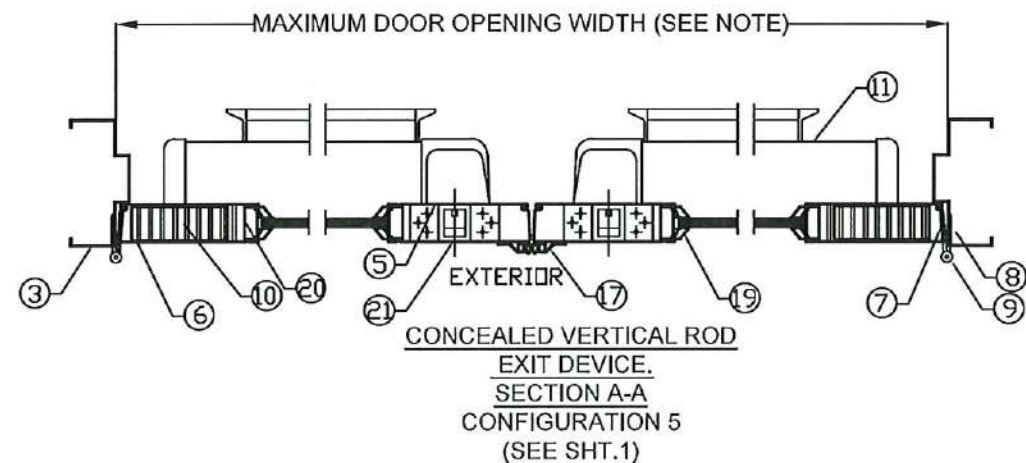
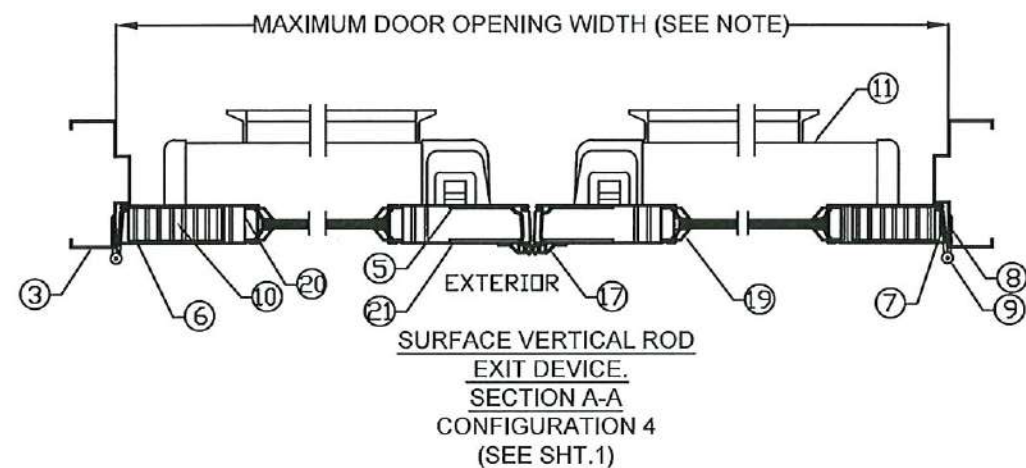
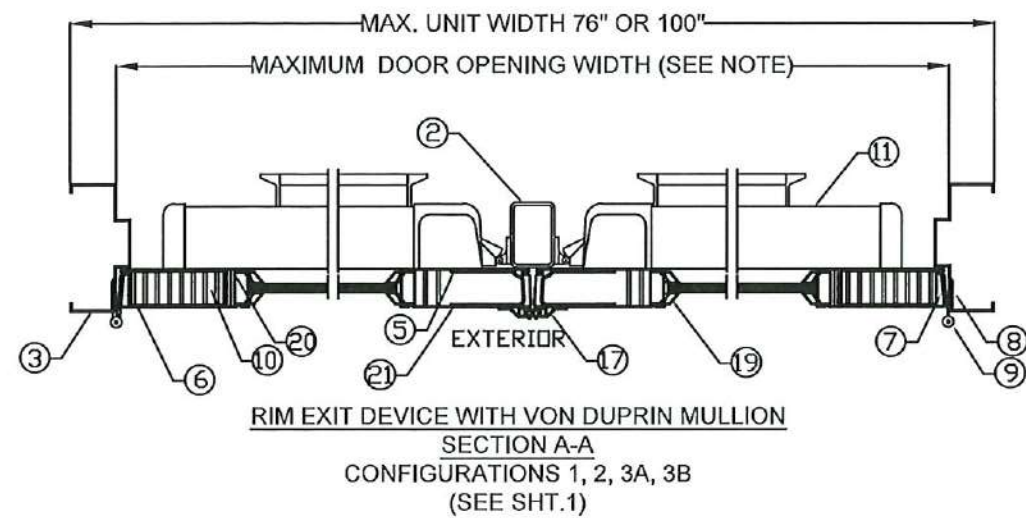
EXIT HARDWARE OPTIONS:
F-25-C & (F)25-V SERIES - OPTIONS AE, DM,
LM, LK, KOR, MEL, EA, FSA, FSE, CD, RX, LD
TRIMS: ALL APPLICABLE TRIMS AVAILABLE.

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 RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishaq I. Chanda
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> <div>THIRD ANGLE PROJECTION</div>					
<div>DRAWN YMF</div>		<div>DATE 05/20/07</div>		<div>TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES</div> <div>HARDWARE FOR GLASS DOUBLE DOORS.</div>	
<div>CHECKED</div>					
<div>APPROVED</div>		<div>SIZE</div> <div>FLAT</div>		<div>DWG NO.</div> <div>IRGD07</div>	
<div>ENG. APPVL JPD</div>		<div>11/15/07</div>		<div>REV</div> <div>0</div>	
		<div>SCALE:</div> <div>NTS</div>		<div>AUTOCAD</div>	
				<div>SHEET</div> <div>15 OF 20</div>	



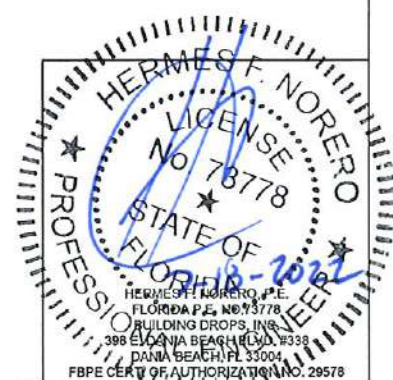
NOTES:
1. FOR MAXIMUM DOOR OPENING AND GLASS (OLD) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEET 10 FOR LIMITATIONS.
2. GLAZING DETAIL K SHOWN, SEE TABLE 8 ON SHEET 11 FOR ADDITIONAL OPTIONS AND SHEET 10 FOR LIMITATIONS
3. SEE SHEETS 4 & 20 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS, AND SHEETS 9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

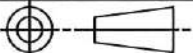
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
B	REVISED DWG	RAP	11/26/07	
C	REVISED DWG	RAP	12/14/07	
D	REVISED DWG	YMF	12/14/08	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED NEW_NUMBER	YMF	01/04/10	
G	REVISED PER_MDBCCO	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED 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	

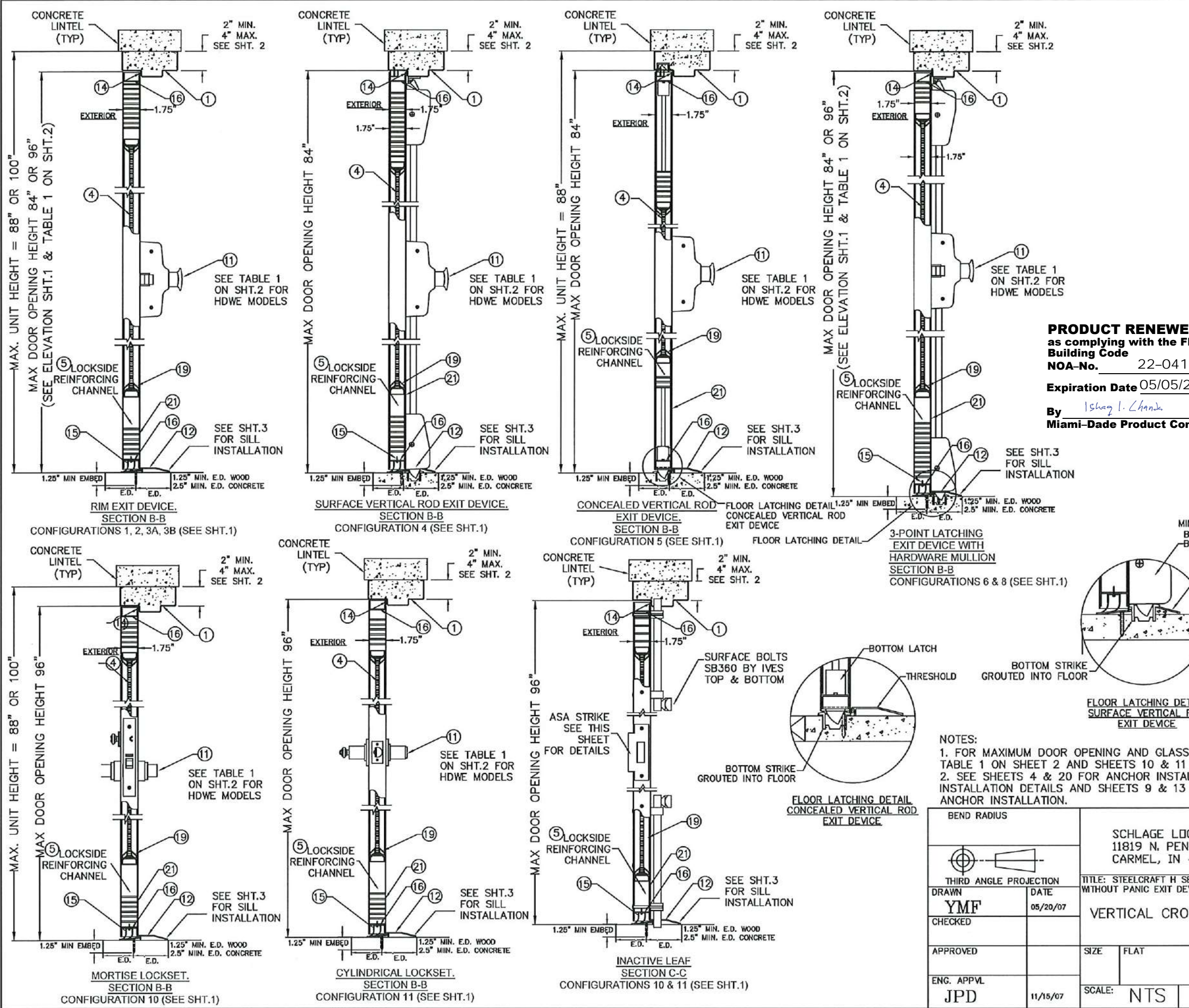
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20

Expiration Date 05/05/2028

By *Ishag I. Chande*
Miami-Dade Product Control

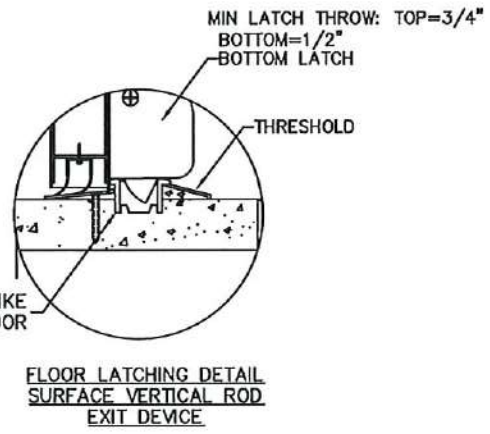
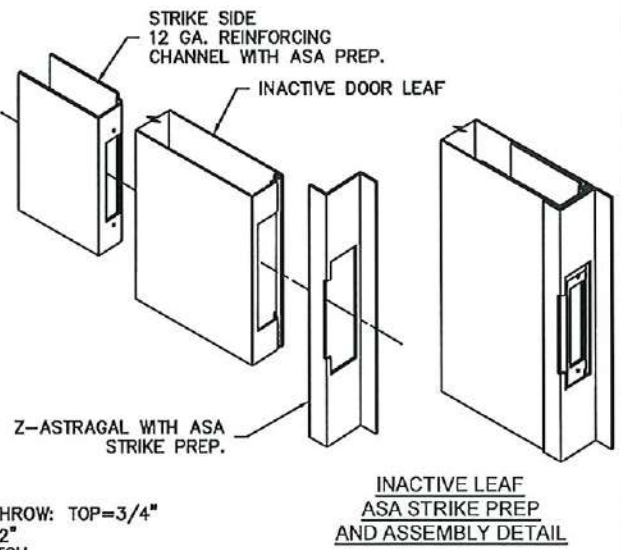


BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>			<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH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



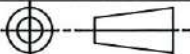
REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
E	REVISED PER_MDBCCO	YMF	02/05/09	
F	REVISED NEW_NUMBER	YMF	01/04/10	
G	REVISED NEW_NUMBER	YMF	04/08/10	
H	REVISED NAME	JPD	11/01/13	
J	REVISED DWG	JPD	02/01/15	
K	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	

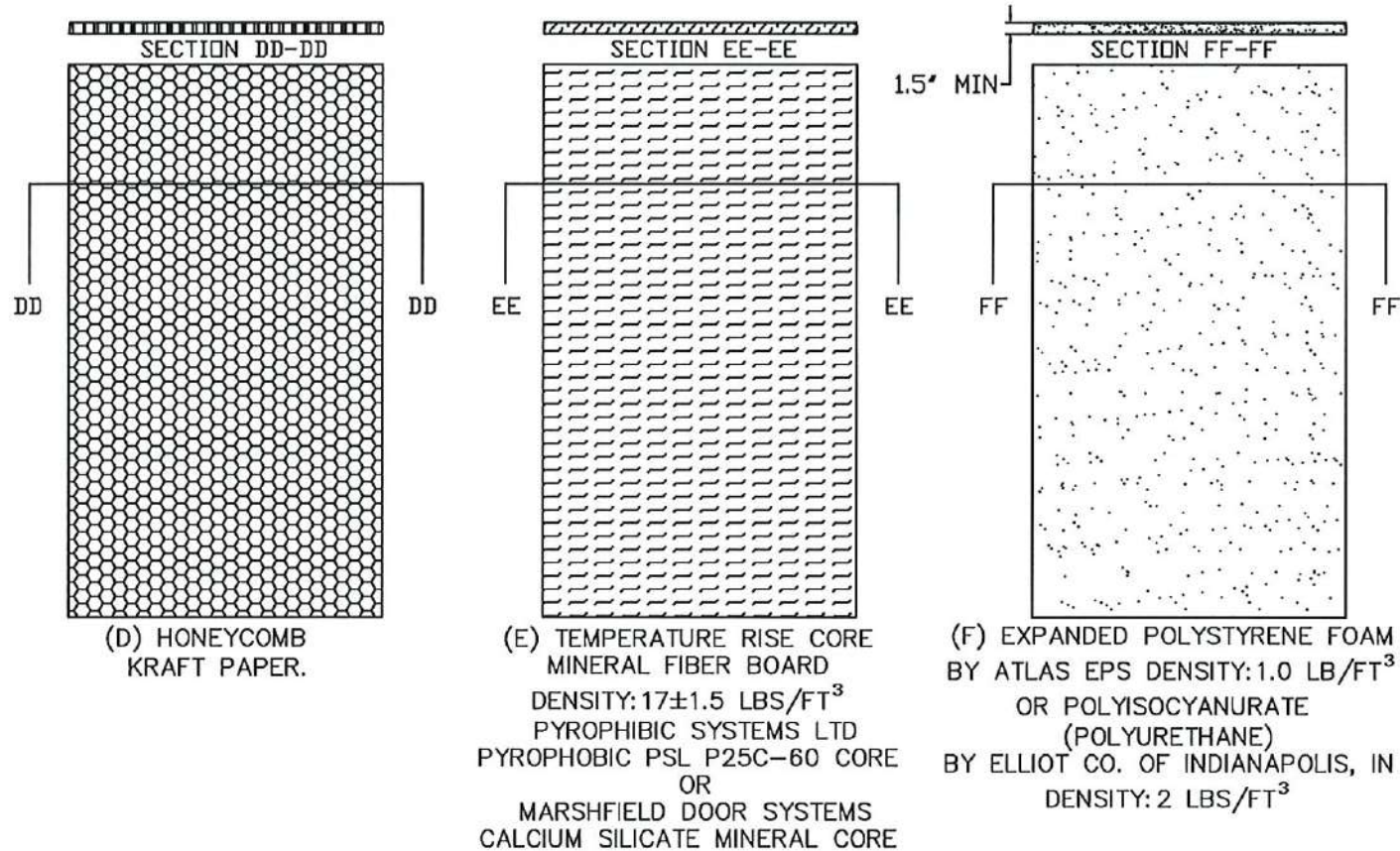
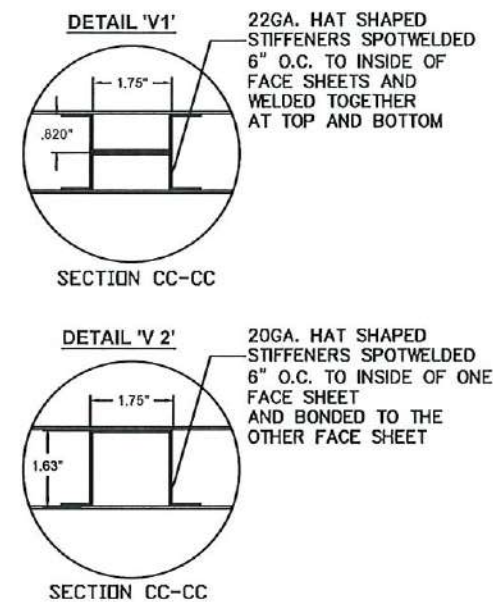
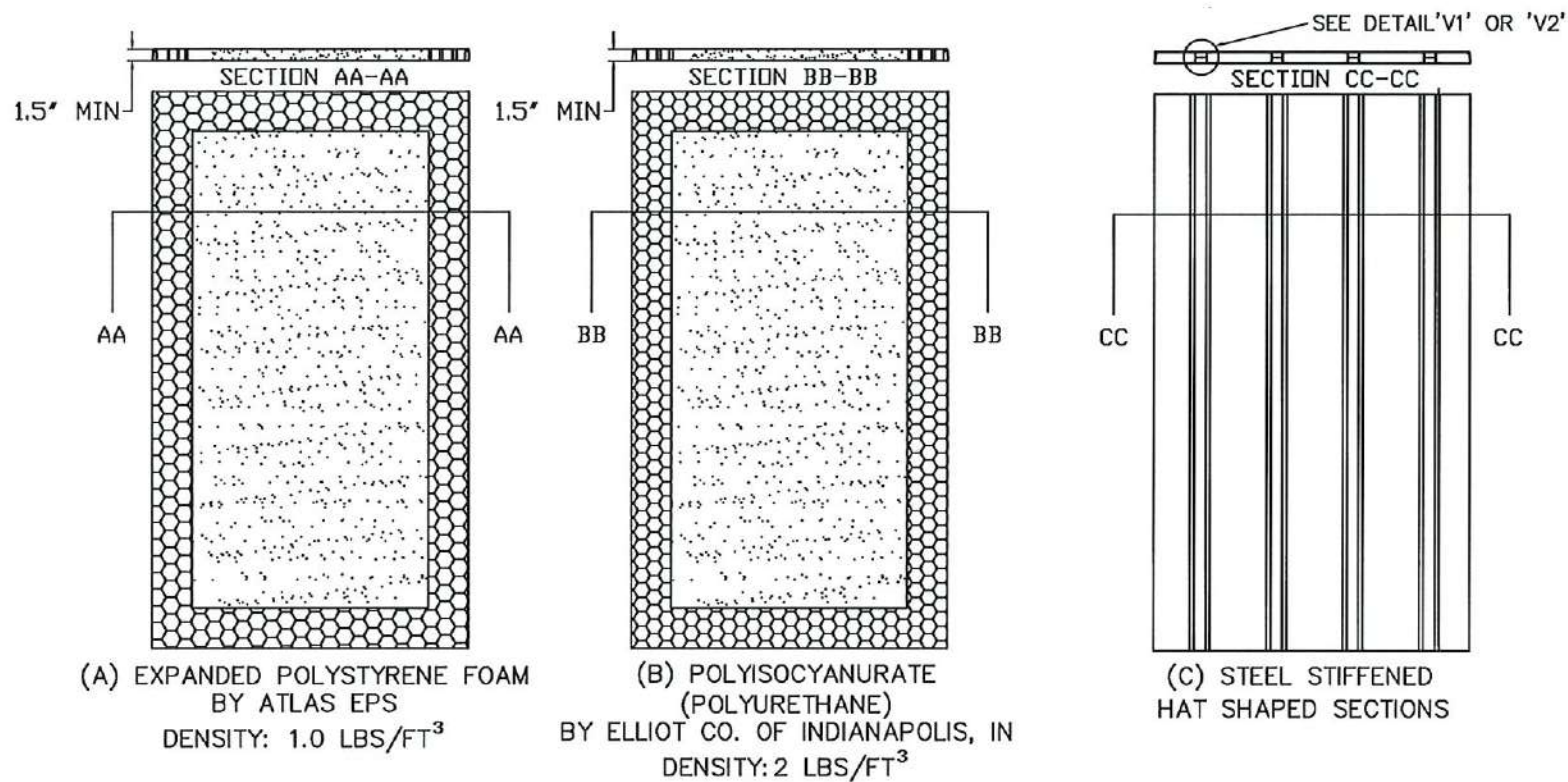
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By *Ishaq I. Chande*
Miami-Dade Product Control



- NOTES:
1. FOR MAXIMUM DOOR OPENING AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEETS 10 & 11 FOR LIMITATIONS.
 2. SEE SHEETS 4 & 20 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS AND SHEETS 9 & 13 FOR MULLION ANCHOR INSTALLATION.

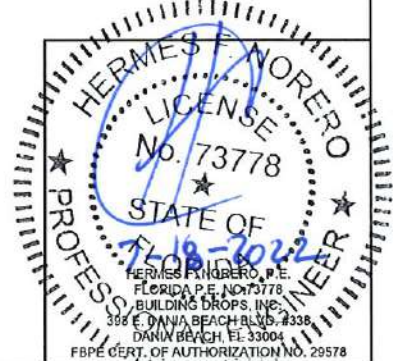


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	VERTICAL CROSS SECTIONS FOR GLASS DOUBLE DOORS.			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. IRGD07	REV 0
ENG. APPVL JPD	11/15/07	SCALE: NTS	AUTOCAD	SHEET 17 OF 20	

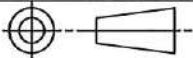


PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control

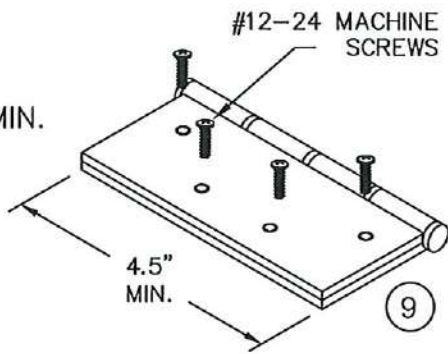
R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	02/03/14	
B	REVISED DWG	JPD	02/01/15	
C	REVISED DWG	JPD	05/05/15	
L	ENGINEER CHANGE	LA	03/14/17	
M	ADDRESS UPDATE	SM	02/27/20	
N	2020 FBC UPDATE	NUS	07/07/20	
O	ANCHOR/STRIKE UPDATE	LL	04/06/22	



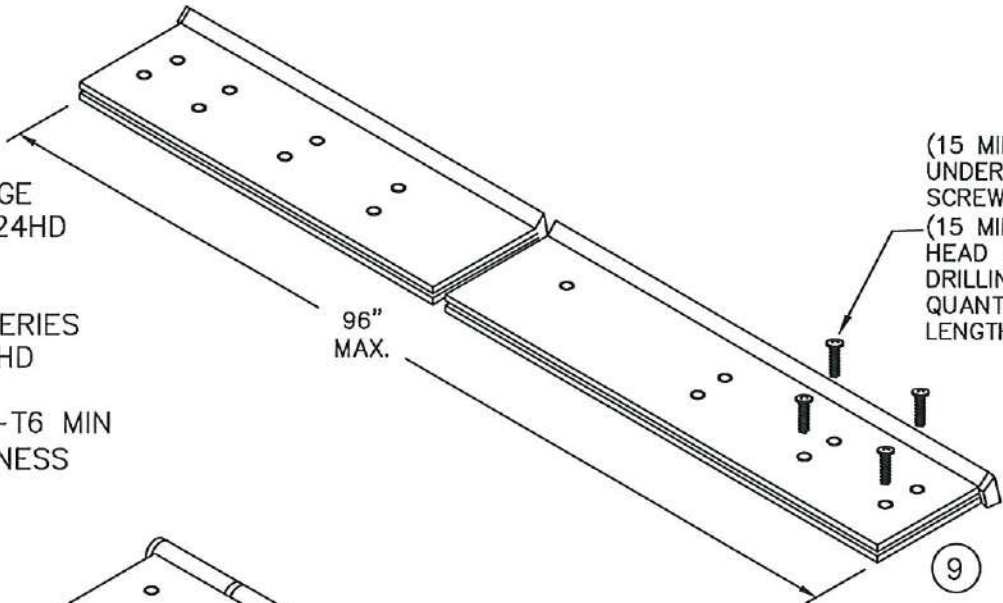
NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

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		SIZE		FLAT		DWG NO. IRGD07		REV <div></div>	
ENG. APPVL		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

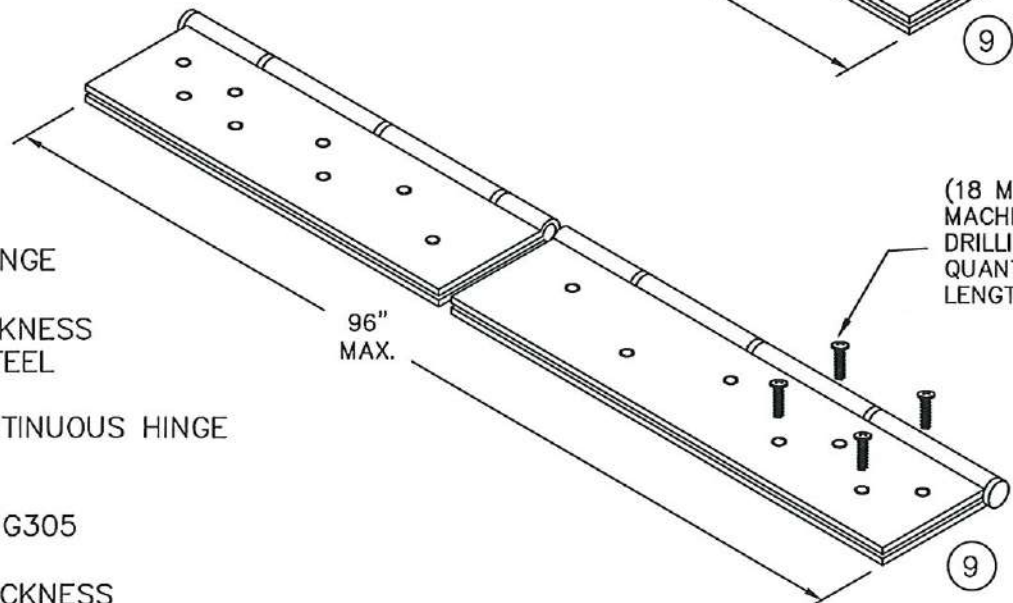


CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



(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

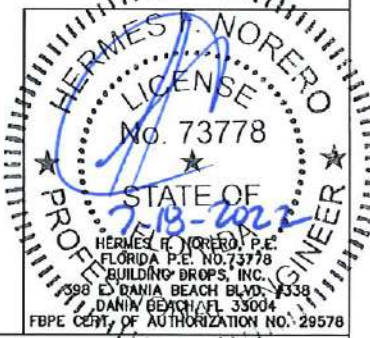
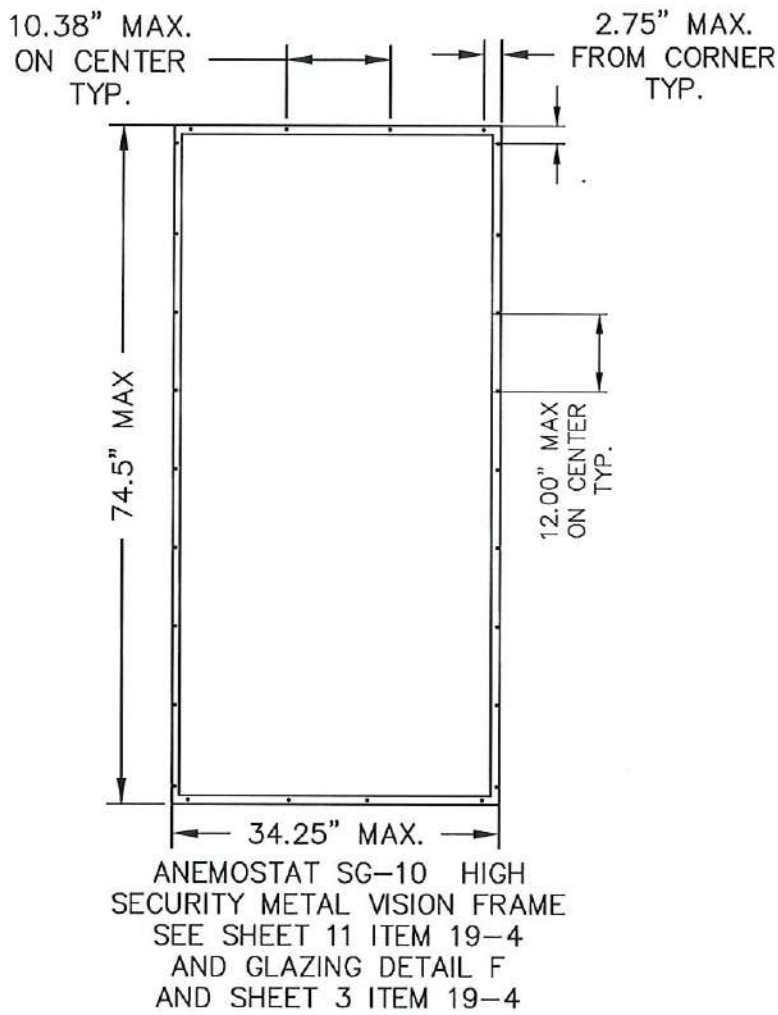


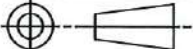
(18 MIN.) #10-24X 1/2" MIN.
MACHINE SCREW OR SELF
DRILLING EACH HINGE LEAF
QUANTITY VARIES PER HINGE
LENGTH

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

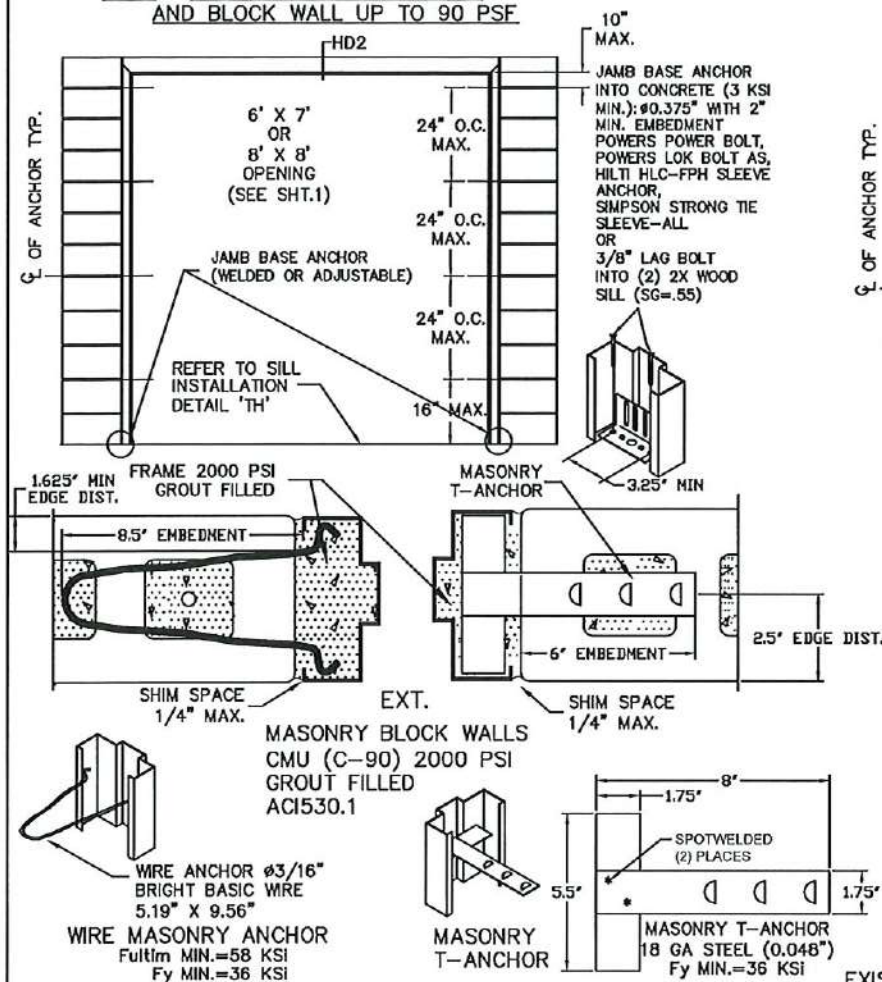
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control

R E V I S I O N S			
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

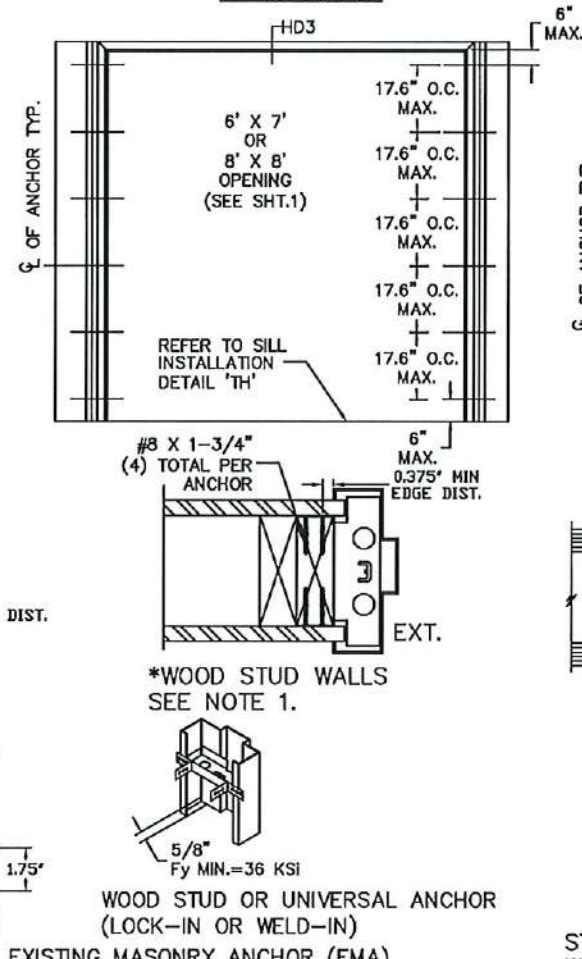


BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242			
THIRD ANGLE PROJECTION									
DRAWN	DATE	TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES HINGE OPTIONS							
JPD	02/03/14								
CHECKED									
APPROVED		SIZE	FLAT	DWG NO.	REV				
ENG. APPVL				IRGD07	0				
SCALE:		NTS	AUTOCAD		SHT 19 OF 20				

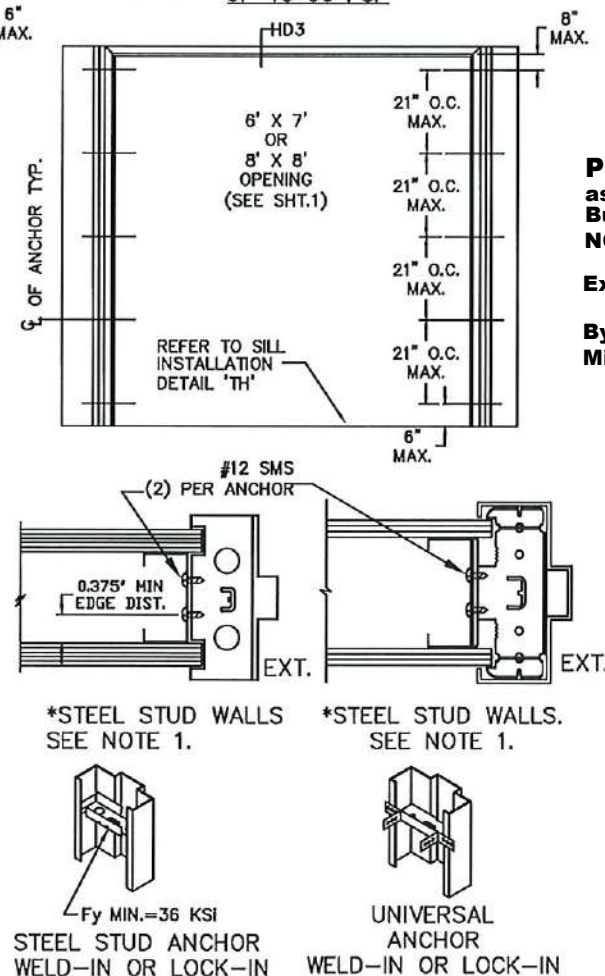
A2 WIRE OR T MASONRY ANCHOR
INTO GROUT FILLED FRAME
AND BLOCK WALL UP TO 90 PSF



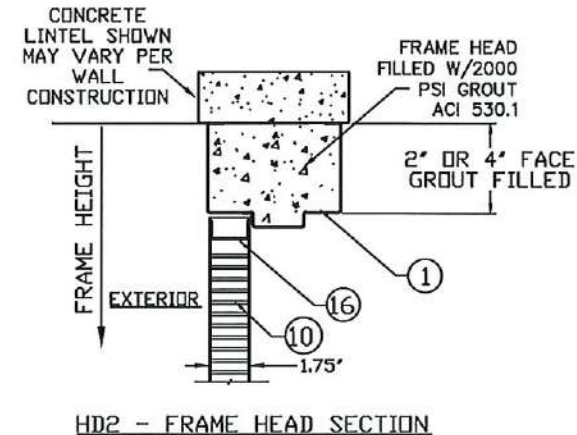
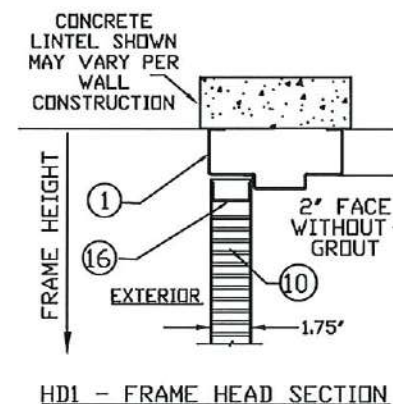
B2 WOOD STUD ANCHOR
UP TO 90 PSF



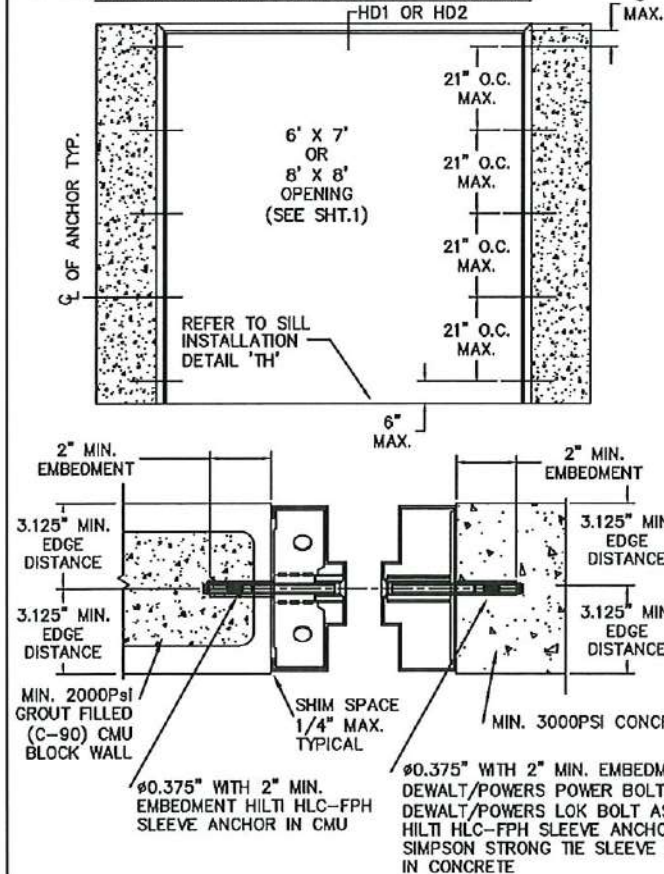
C2 STEEL STUD ANCHOR
UP TO 90 PSF



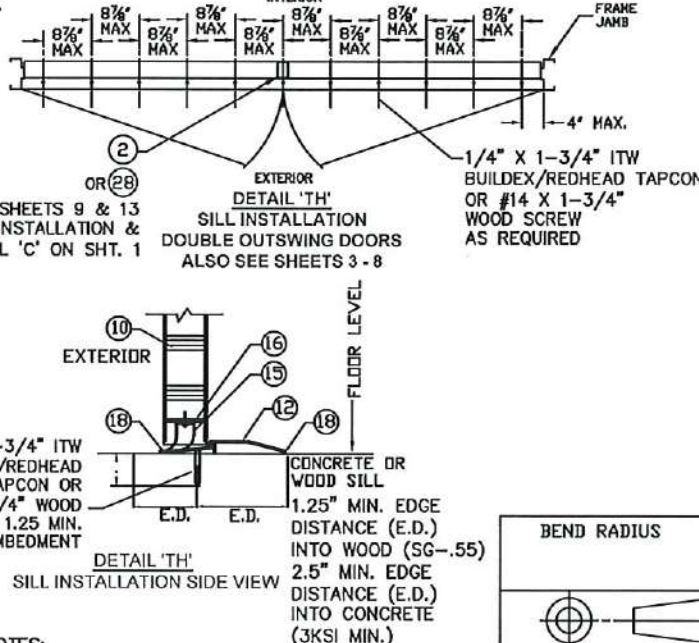
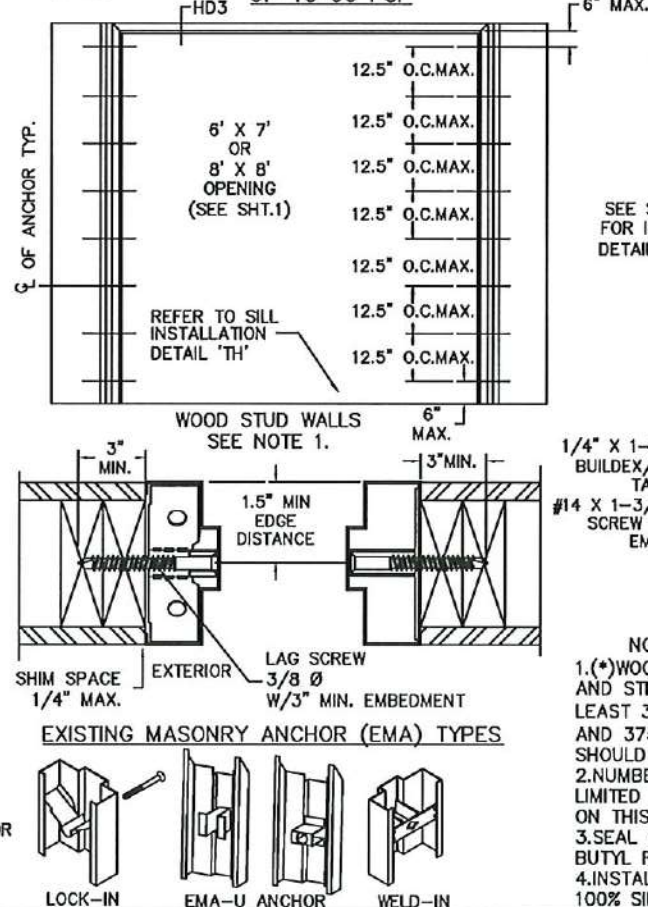
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0414.20
Expiration Date 05/05/2028
By Isahq I. Chan
Miami-Dade Product Control



D2 EXISTING MASONRY ANCHOR (EMA) INTO
CONCRETE WALL OR CMU UP TO 90PSF



E2 WITH LAG BOLT INTO WOOD STUD WALL
UP TO 90 PSF



NOTES:
1. (*)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.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK.
4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL.

BEND RADIUS		THIRD ANGLE PROJECTION	
DRAWN YMF		DATE 05/20/07	
CHECKED		APPROVED	
ENG. APPVL JPD		DATE 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		ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING GREATER THAN 75 PSF UP TO AND INCLUDING 90 PSF	
SIZE FLAT		DWG NO. IRGD07	
SCALE: NTS		AUTOCAD	
SHEET 20 OF 20		REV	

