



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](http://www.miamidade.gov/economy)

**Schlage Lock Company, LLC**  
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 were 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 Single Glazed Outswing Commercial Steel Door w/wo Panic Exit-LMI

**APPROVAL DOCUMENT:** Drawing No **IRGS07 Rev O**, titled "Steelcraft H series Single outswing glazed", sheets 1 through 16 of 16, prepared by the manufacturer, dated 05-20-07 and last revised on 01/29/2021, 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 sheets **1 & 2** for door sizes VS Design Pressure (DP), Hardware & DLO (Day light Opening. See sheets **5** and **6** for door sizes VS threshold types, brand and water infiltration limitations. Lower design Pressure shall control.
2. See DLO (vision) limitation for elevation configurations **9, 9A, 10** and **10A**, in sheet **8**. See glazing option in sheet **9**.
3. The top strike plate **338** can be used w/wo roller option for Concealed Rod Panic devices (CVR) shown in sheet **11**.
4. 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 #20-0310.07** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5, E-6 and E-7, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 20-1005.17  
Expiration Date: May 05, 2022  
Approval Date: March 04, 2021  
Page 1

**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 **IRGS07 Rev L**, titled "Steelcraft H series Single outswing glazed", sheets 1 through 15 of 15, prepared by the manufacturer, dated 05-20-07 and last revised on 08/10/15, signed and sealed by Thomas Gordon, P.E.

**B. TESTS (Submitted under files #15-0826.22 #13-1217.14/#12-0305.16/ #10-0209.09/#07-0829.06)**

**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**

- 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*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (continue)**

5. Test report on (submitted under file # **07-0829.06**)

- 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 # **15-0826.22**)**

1. Anchor verification calculation complying w/ FBC 2014(5<sup>th</sup> Edition) dated 08/10/15, 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. (Submitted under file # **10-0209.09**)

**D. QUALITY ASSURANCE BY**

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

**E. MATERIAL CERTIFICATIONS (submitted under files #**12-0305.16**/# **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. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® interlayer**", expiring on 01/14/17.
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.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS (continue)**

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.
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:** Items #1 submitted under #15-0826.22, balanced items submitted under files #12-0305.16/ #10-0209.09

1. Letter of conformance to **FBC 2014** and "No financial interest", dated 08/18/15, 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 June 08, 2008, prepared, signed and sealed by Gordon Thomas, P.E.
7. Laboratory Compliance Statements issued as part of 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 #15-0826.22**, 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. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).

**2. Evidence submitted under previous file.**

**A. DRAWINGS**

1. Drawing No **IRGS07 Rev M**, titled "Steelcraft H series Single outswing glazed", sheets 1 through 16 of 16, prepared by the manufacturer, dated 05-20-07 and last revised on 03/08/18, signed and sealed by Hermes F. Norero, P.E.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under previous file (continue).**

**B. TESTS**

1. Test report on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of doublele outswing steel doors w/ 3-Hinges per leaf, marked by Certified Testing Lab, Test Reports No(s). **CTLA-1035W-2** dated February 11, 2013, signed and sealed by Ramesh Patel, P.E.

Along with manufacturer's parts and section drawings of outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA 3064-W-7** dated 01/12/16 w/ brass butt Hinges & Zero 568A threshold per TAS 201, TAS 202 & TAS 203, signed and sealed by Ramesh Patel, P.E.

Along with manufacturer's parts and section drawings of outswing double steel doors with GNP weather-shields, marked by National Certified Testing Lab, Test Reports No(s). **NCTL-210-35491-1** dated 08/26/08 per TAS 201, TAS 202 & TAS 203, signed and sealed by Gerard J. Ferrara, P.E.

Along with manufacturer's parts and section drawings of outswing Single steel doors w/ GNP 950, marked by Certified Testing Lab, Test Reports No(s). **CTLA 3064-W-8, -9, -13, -14 (Falcon-T) & W-15** per TAS 201, TAS 202 & TAS 203, all dated 01/08/16, signed and sealed by Ramesh Patel, P.E.

Along with manufacturer's parts and section drawings of outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA 3064-W-10 (Zero 566A), -12 (Zeo566A), and W-14** per TAS 201, TAS 202 & TAS 203, all dated 01/08/16, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS**

1. Anchor verification calculation complying w/ FBC 2017(6<sup>th</sup> Edition) dated 04/04/17 and last revised on 02/05/18, prepared by Building Drops, signed & 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 DeNemours & Co., Inc.) for the "Kuarary **Sentry Glass ® Interlayer**", expiring on 07/4/23.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2017(6<sup>th</sup> 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 # 17-0320.05**, expiring 05/05/2023.
2. Test proposals # 14-0253-R dated 10/16/14, #14-0254-R-1 dated 10/16/14 and #14-0255 dated 09/25/14.

**3. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No **IRGS07 Rev M**, titled "Steelcraft H series Single outswing glazed", sheets 1 through 16 of 16, prepared by the manufacturer, dated ~~05-20-07~~ and last revised on 03/08/18, signed and sealed by Hermes F. Norero, P.E.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. Evidence submitted under previous approval (continue)**

**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**

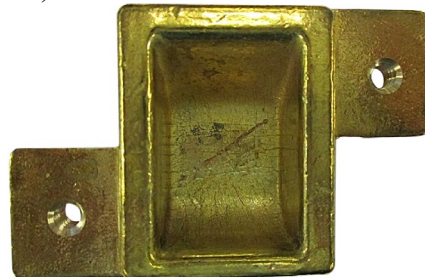
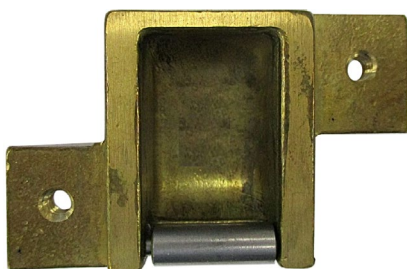
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**F. STATEMENTS (submitted under file # 17-0426.01)**

1. Statement letter of conformance to FBC 2017(6<sup>th</sup> 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 # 17-0426.01, expiring 05/05/20.
2. Optional CVR top strikes #338 w/wo Roller (see below)



*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**



**Schlage Lock Company, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No **IRGS07 Rev N**, titled “Steelcraft H series Single outswing glazed”, sheets 1 through 16 of 16, 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. None.

**F. STATEMENTS (submitted under #17-0426.01)**

1. Statement letter of conformance to FBC 2017(6<sup>th</sup> 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.
- 3.

**G. OTHER**

1. This NOA revises NOA # **19-1016.02**, expiring 05/05/23.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
**Expiration Date: May 05, 2022**  
**Approval Date: March 04, 2021**

**Schlage Lock Company, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. New Evidence submitted.**

**A. DRAWINGS**

1. Drawing No **IRGS07 Rev O**, titled “Steelcraft H series Single outswing glazed”, sheets 1 through 16 of 16, 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 “Kuraray **Sentry Glass ® Interlayer**”, expiring on 07/4/23.
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(7<sup>h</sup> edition) dated 01/29/21, 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**

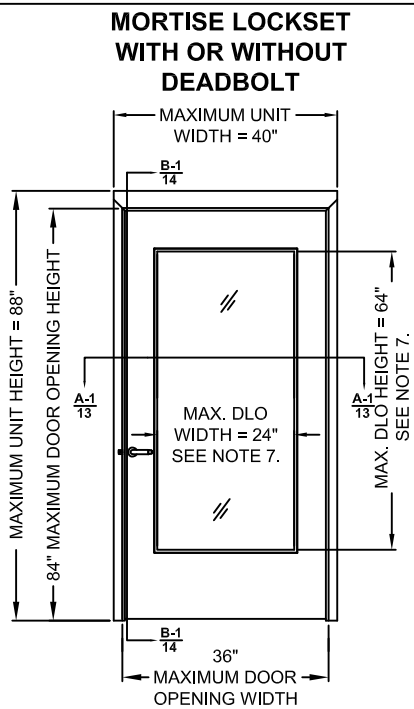
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*Ishaq I. Chanda*

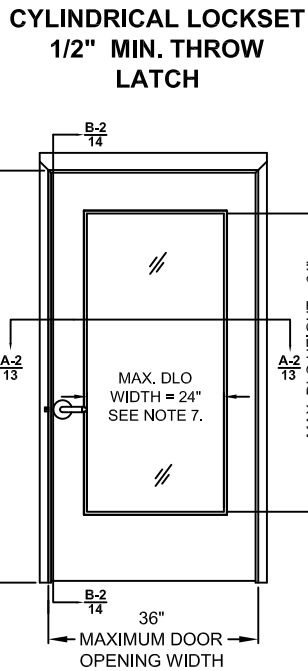
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Examiner**  
**NOA No. 20-1005.17**  
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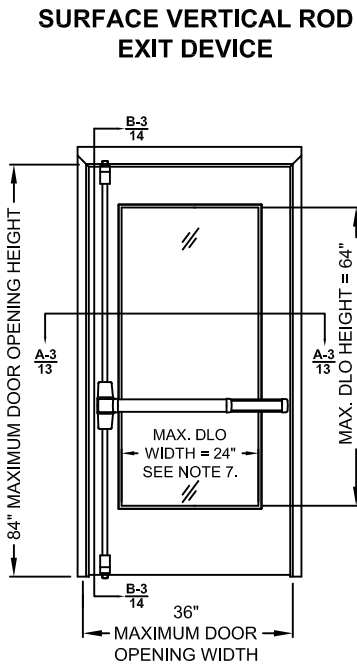




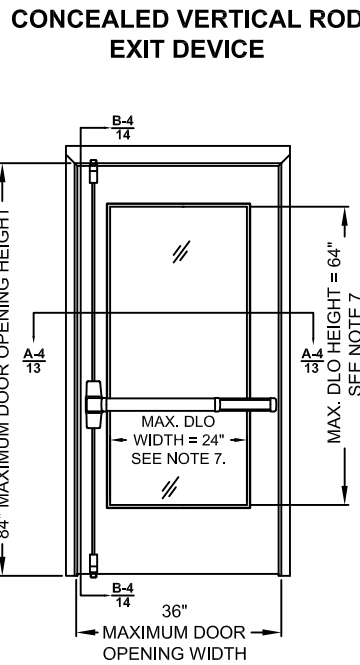
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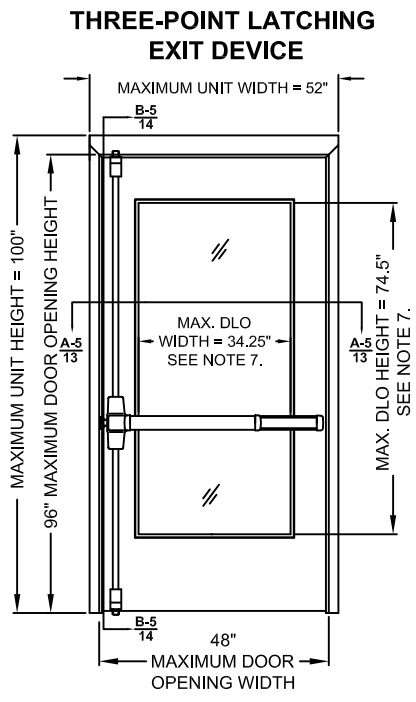
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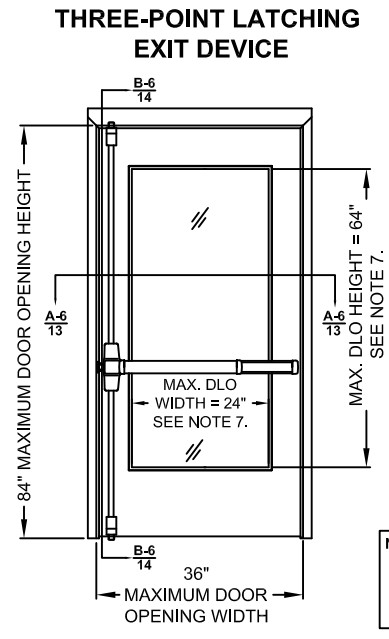
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3	±60	±60	±60



CONFIG.	DESIGN PRESSURE RATING, PSF	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
4	±60	±60	±60

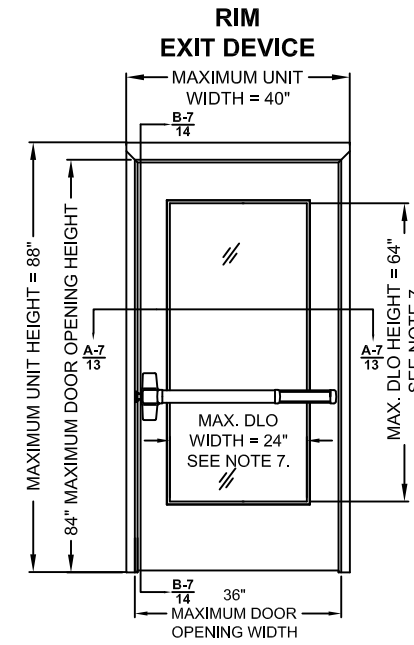


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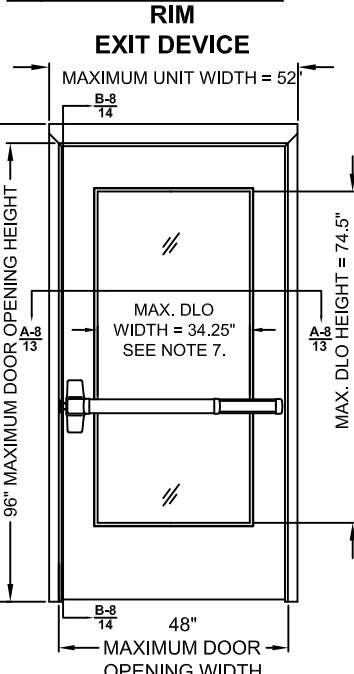


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6	±60	±60	±60

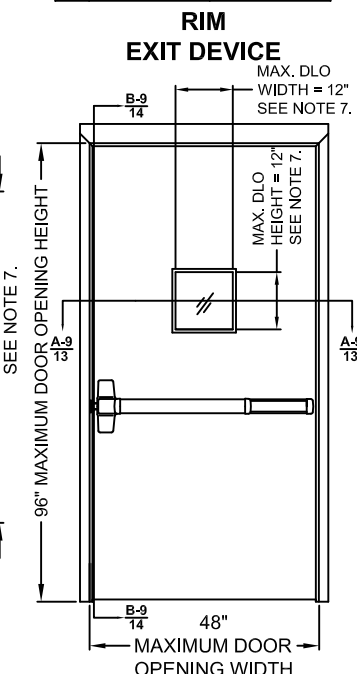
NOTE: SEE SHEETS 5 & 6 FOR THRESHOLD TYPES, WEATHERSTRIP COMPONENTS, DOOR SIZE AND DP LIMITATIONS



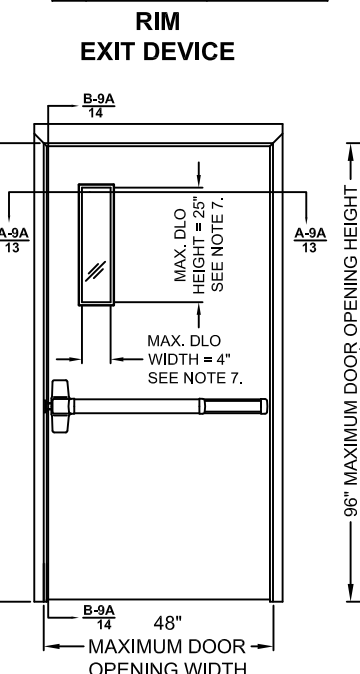
CONFIG.	DESIGN PRESSURE RATING, PSF	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
7	±60	±60	±60



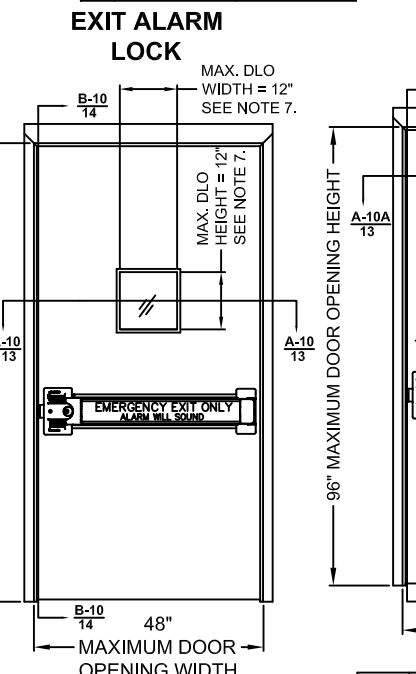
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8	±50	±50	±50



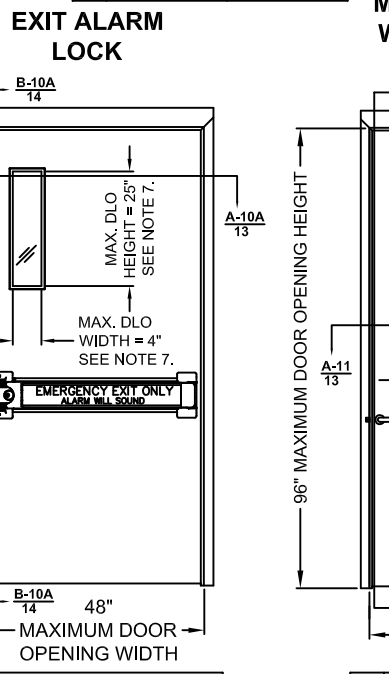
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9	±75	±100	±100



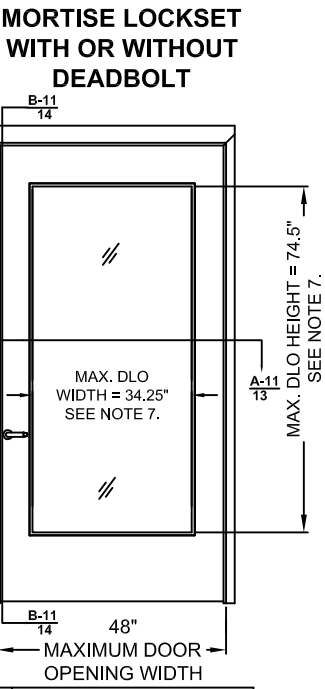
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9A	±75	±100	±100



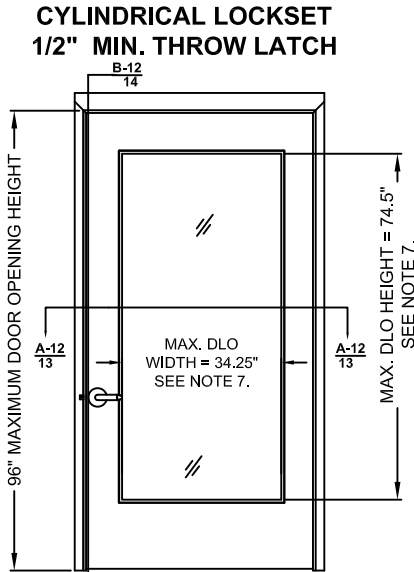
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10	±55	±55	±55



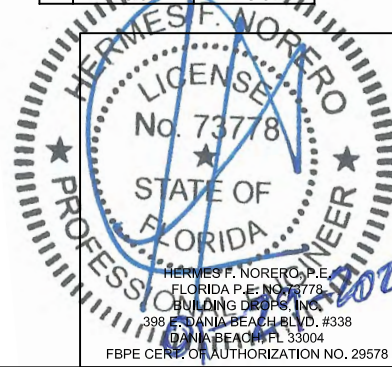
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10A	±55	±55	±55



CONFIG.	DESIGN PRESSURE RATING, PSF	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
11	±50	±50	±50



CONFIG.	DESIGN PRESSURE RATING, PSF	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
12	±50	±50	±50



#### 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.

#### NOTES:

- INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS OF OUTSWING DOOR
- SEE TABLE 1 ON SHEET 2 FOR GLAZING SIZE, HARDWARE APPLICATIONS AND LIMITATIONS
- SEE SHEET 3 FOR HINGE REQUIREMENTS
- SEE SHEET 4 FOR ANCHORING TYPES AND LIMITATIONS AND SHEET 5 & 6 FOR SILL WEATHERING INSTALLATION
- SEE SHEET 5 TABLES 3.1 AND 3.2 FOR WATER RATED THRESHOLD AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
- SEE SHEET 6 TABLES 4.1 AND 4.2 FOR NON WATER RATED THRESHOLD AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
- SEE SHEET 9 FOR GLAZING OPTIONS AND DETAILS
- DLO - DAYLIGHT OPENING SIZE, SAME AS EXPOSED GLASS. SEE SHEETS 1, 2, 8 AND 9 FOR LIMITATIONS
- ALL CONFIGURATIONS MEET LARGE AND SMALL MISSILE IMPACT REQUIREMENTS- LARGE MISSILE IMPACT (50 F/S)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17

Expiration Date 05/05/2022

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		DRAWN YMF		DATE 05/20/07	
CHECKED		APPROVED		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
ENG. APPVL JPD		11/15/07		GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING SINGLE GLASS DOORS.	
SIZE FLAT		DWG NO. IRGS07		REV □	
SCALE: NTS		AUTOCAD		SHEET 1 of 16	

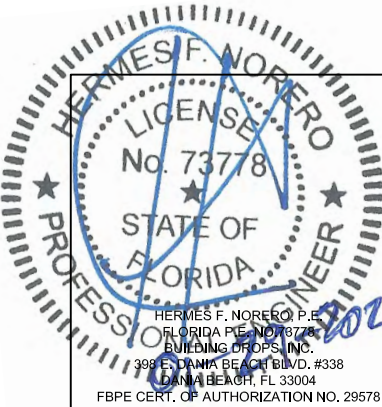
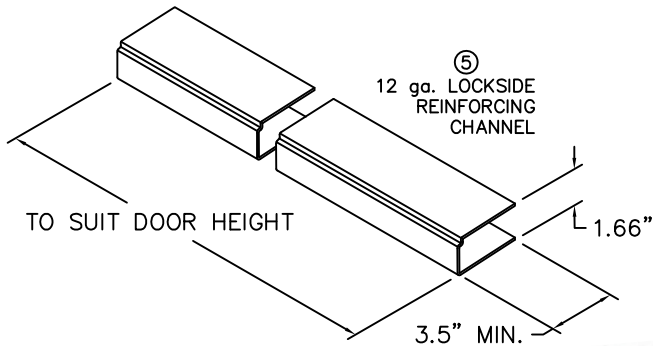
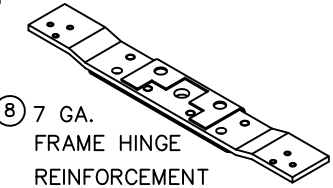
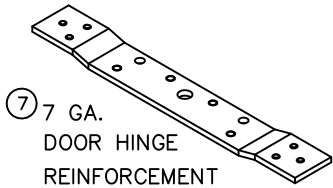
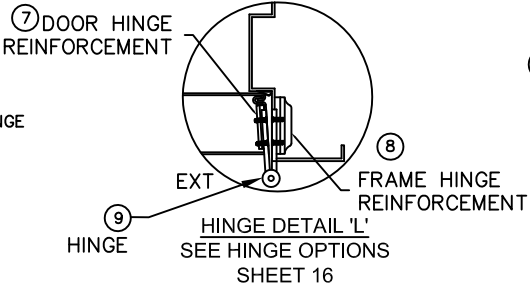
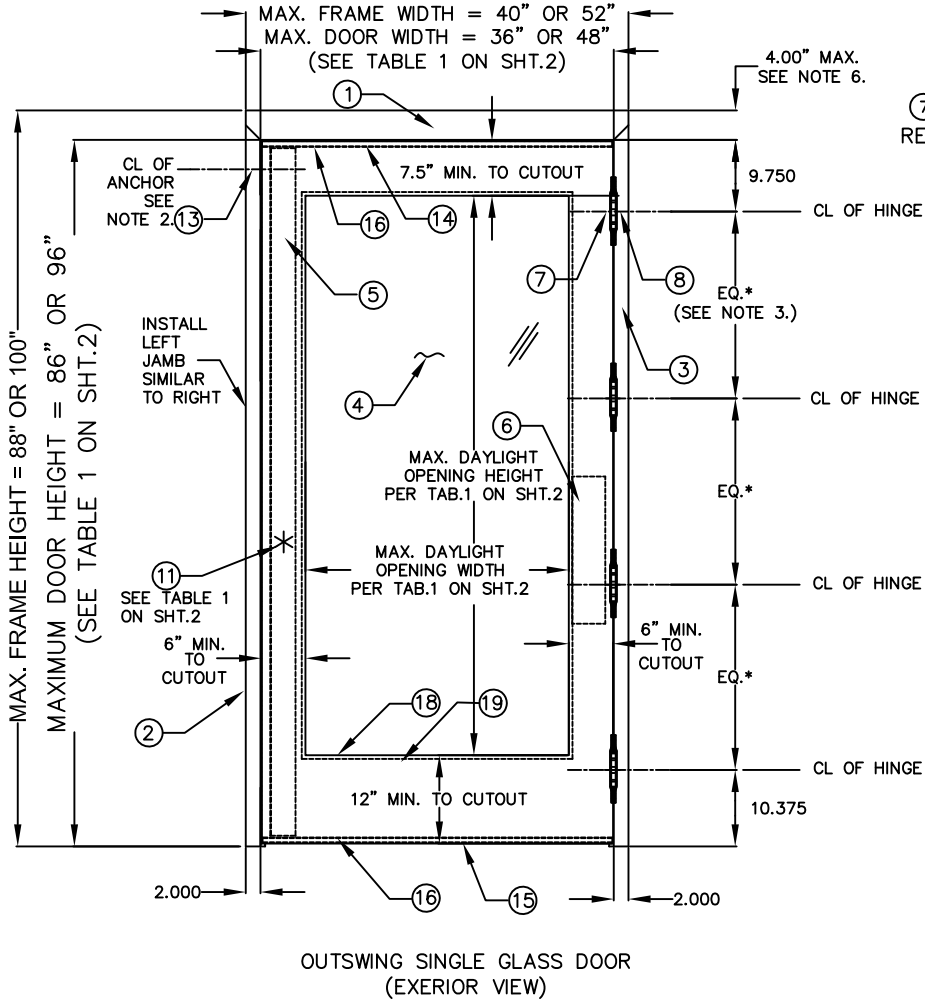
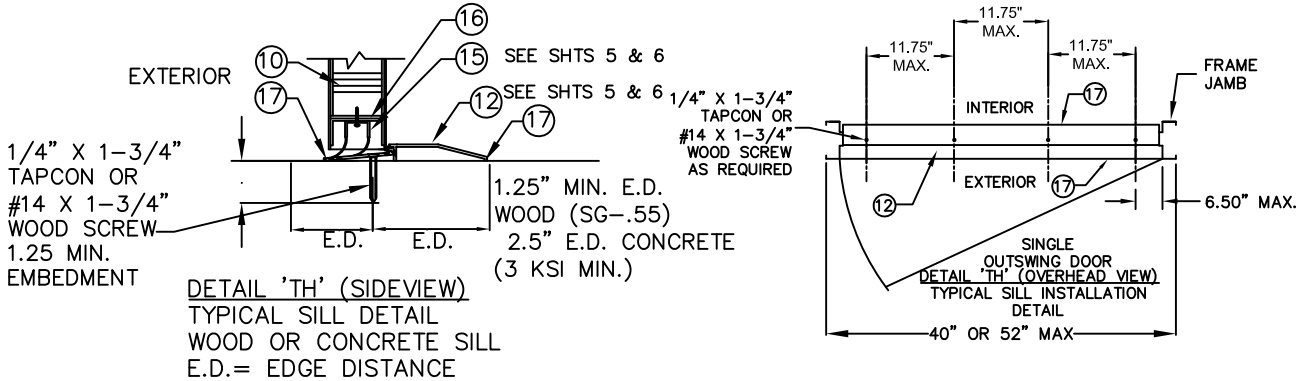




- NOTES:
- ANCHOR REQUIREMENTS:  
SEE SHEET 4 FOR APPROVED ANCHORS AND INSTALLATION.
  - HINGE REQUIREMENTS: 4.5" STD WT. MIN.  
FOR DOOR OPENING UP TO 90" HIGH – MIN (3) HINGES  
FOR DOOR OPENING OVER 90" – 96" HIGH – MIN (4) HINGES  
STD LOCATIONS: 9.75" FROM RABBET IN HEAD TO CL OF TOP HINGE  
10.38" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED  
IN BETWEEN. HINGE LOCATIONS MAY VARY, MAX SPACING DO NOT EXCEED 35.5" FOR 3 HINGES.  
SEE SHEET 16 FOR APPROVED CONTINUOUS HINGE MODELS.
  - SEE SHEETS 1, 2 & 3 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
  - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
  - 4" FACE FRAME HEAD IS AVAILABLE. SEE SHEET 4.
  - APPLY CAULK TO FULL LENGTH OF SILL AND ENTIRE PERIMETER OF FRAME. SEE SHEETS 5 & 6
  - WEATHERSTRIPPING:
    - WHEN WATER INFILTRATION IS REQUIRED INSTALL PER SHEET 5. (ZERO INTL 566 VS NGP 950)
    - WHEN WATER INFILTRATION IS NOT REQUIRED – INSTALL PER SHEET 6. (ZERO INTL 566, 65 & 568 VS NGP 950)
  - SEE SHEET 13 FOR HORIZONTAL CROSS-SECTIONS, SEE SHEET 14 FOR VERTICAL CROSS-SECTIONS.
  - INSTALL REINFORCEMENT CHANNELS AROUND EACH LITE-CUTOUT.
  - ELECTRICAL INSTALLATION AND FIRE RATINGS ARE UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY 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. TO BE REVIEWED BY BUILDING OFFICIAL.
  - TYPICAL SILL INSTALLATION SHALL BE ANCHORED PER OVERHEAD AND SIDEVIEW VIEW TH DETAILS ON THIS SHEET.
  - DAYLIGHT OPENING (DLO) IS THE SAME AS EXPOSED GLASS. SEE SHEETS 1, 2, 8 AND 9 FOR LIMITATIONS & GLAZING TYPES.
  - WHEN USING CONTINUOUS HINGE THE MINIMUM DISTANCE FROM DOOR EDGE TO EXPOSED GLASS IS 6–1/4" AT STILES AND 7–1/2" AT MIDRAILS.

TABLE 2.

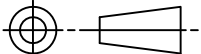
ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE, MAX.
1	1	HEAD SEE SHT 7 ASTM A366	.053" MIN. STL	MAX. 52"
2	1	STRIKE JAMB SEE SHT. 7 ASTM A366	.053" MIN. STL	MAX. 100"
3	1	HINGE JAMB SEE SHT 7 ASTM A366	.053" MIN. STL	MAX. 100"
4	1	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" OR .50"	35.406" X 75.656" MAX
		LAMINATED GLASS WITH SENTRYGLAS INTERLAYER	.562" TYP.	
		SUPERLITE II-XL BY SAFTI WITH SENTRYGLAS INTERLAYER	1.06" TYP.	
5	1	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5 X 93.44 MAX,
6	1	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 16)	.134 MIN.	(8) #12–24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT 16)	.075" MIN. STL/.12 ALUM	MAX. 95"
10	1	CORE MATERIAL (SHEET 15):	D) HONEYCOMB C) STEEL STIFFENED A & F) POLYSTYRENE B & F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE	
11	1	LOCKING HARDWARE – SEE SHEET 2 TABLE 1.		
12	1	THRESHOLD SILL W/BUMPER GASKET		
		12A) 566 ZERO SEE SHT. 5 WATER RATED & 6 NON–WATER	.125" ALUM. 6063 T5	5.0"x0.5"x48"MAX.
		12B) 950 NGP SEE SHT. 5 WATER RATED & 6 NON–WATER	.078" ALUM. 6063 T5	
		12C) 65 ZERO SEE SHT. 6 NON WATER RATED	.125" ALUM. 6063 T5	
		12D) 568 ZERO SEE SHT. 6 NON WATER RATED	.125" ALUM. 6063 T5	6.0"x0.5"x48"MAX.
13	NOTE 1.	JAMB ANCHOR ASTM A924	SEE SHEET 4	
14	SEE SHEET 6	14A)PS074 DOOR SEAL STEELCRAFT	TPE	MAX. 20'
15	1	FAS–SEAL DOOR SWEEP SEE SHEETS 5 & 6	TPE	MAX. 48"
16	2	END CHANNEL ASTM A924 (14 GA – INVERTED)	.067" MIN. STL	.69" X 1.66" X 48" MAX.
17	AS NEEDED	CAULK – BUTYL RUBBER OR 100% SILICONE	SEE SHEETS 5 & 6	
18	AS NEEDED	GLAZING HOLDING DOOR TRIM		34.25" X 74.5" EXPOSED GLASS MAX.
		1) DEZIGNER TRIM		
		2) STEEL OVERLAPPING TRIM	.032" MIN. STL	
		3) STEEL OVERLAPPING TRIM		
		4) HIGH SECURITY VISION FRAME	SG–10 BY ANEMOSTAT	
19	NOTE 9.	CUTOUT REINFORCEMENT CHANNEL (18 GA)	.047" MIN. STL	0.5"x1.56"x35.5"x 75.5" MAX
20	1	DOOR SLAB (16 OR 14 GA)	SEE SHEET 7	4' X 8' MAX.
21	1	21A)188S DOOR SEAL BY ZERO INT'L	SILICONE SEE SHEET 5	MAX. 20'
22	2	21B)PS074 DOOR SEAL BY STEELCRAFT	TPE SEE SHEET 5	
23	1	202N DOOR SEAL BY NGP	TPE SEE SHEET 5	MAX. 84" OR 96"
23	1	23A) 139 DOOR SWEEP BY ZERO INT'L	SEE SHEET 5	MAX. 36" OR 48"
		23B) 328 DOOR SWEEP BY ZERO INT'L		
		23C) 200N DOOR SWEEP BY ZERO INT'L		
24	3	24A) 475 ADJUSTABLE SEAL BY ZERO INT'L	TPE SEE SHEET 5	MAX. 84" OR 96" FOR JAMB
	1	24B) 170N ADJUSTABLE SEAL BY NGP		MAX. 36" OR 48" FOR HEAD
25	1	25A) 142 RAIN DRIP BY ZERO INT'L	SEE SHEET 5	MAX. 40" OR 52" FOR HEAD
		25B) 11 RAIN DRIP BY ZERO INT'L		MAX. 36" OR 48" FOR DOOR
		25C) 16A RAIN DRIP BY NGP		
26	1	TOP CAP GALV. A60 ASTM A924	.020" MIN. STL	0.5" X 1.76" X 36" OR 48"



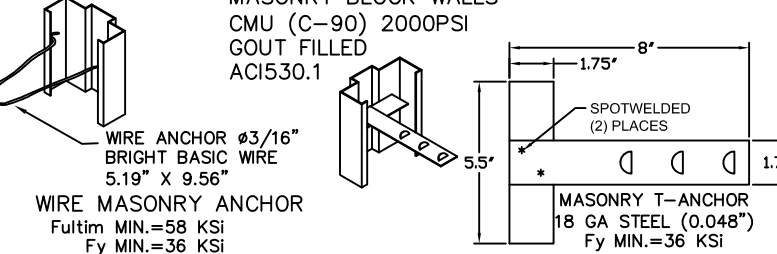
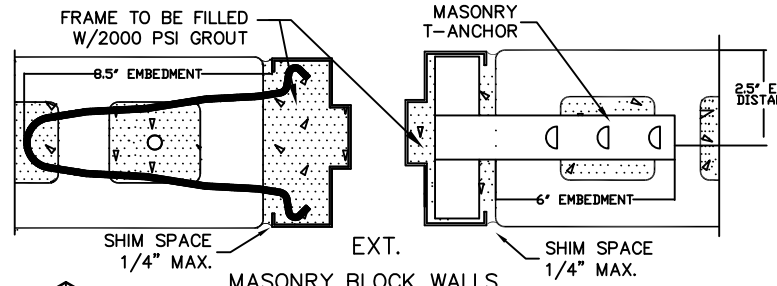
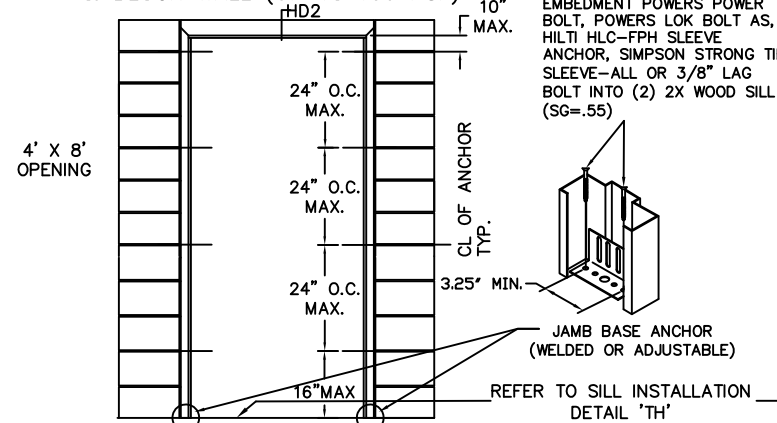
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17

Expiration Date 05/05/2022

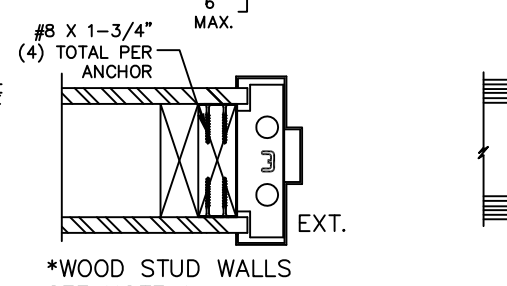
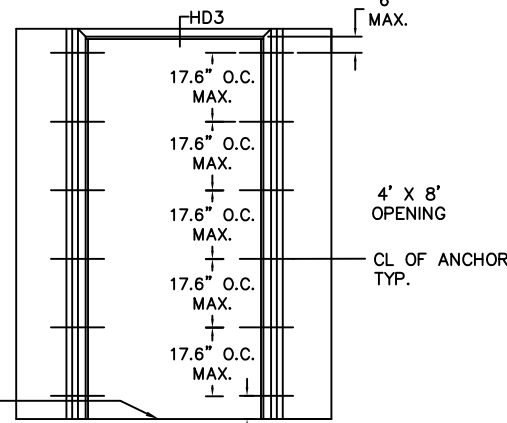
By *Ishag I. Chande*  
Miami-Dade Product Control

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 SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES					
DRAWN YMF		DATE 05/20/07		H-SERIES SINGLE GLASS DOORS (OUTSWING)			
CHECKED							
APPROVED		SIZE FLAT		DWG NO. IRGS07		REV 0	
ENG. APPVL JPD		11/15/07		SCALE: NTS AUTOCAD		SHEET 3 of 16	

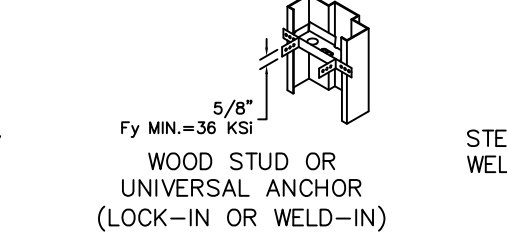
**A** WIRE OR 1 MASONRY ANCHOR  
INTO GROUT FILLED FRAME  
& BLOCK WALL (UP TO 100 PSF)



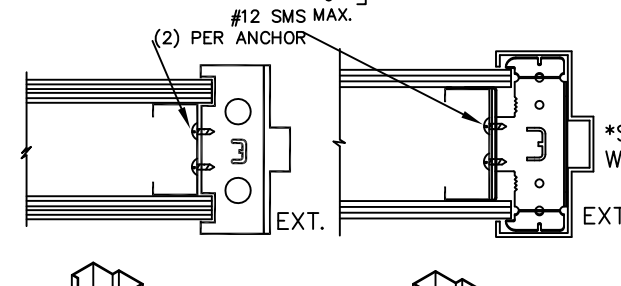
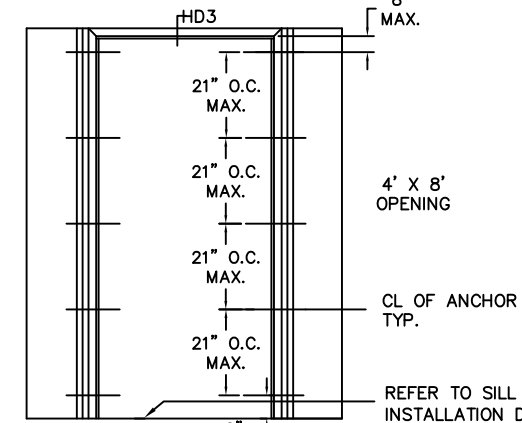
**B** WOOD STUD ANCHOR  
(UP TO 100 PSF)



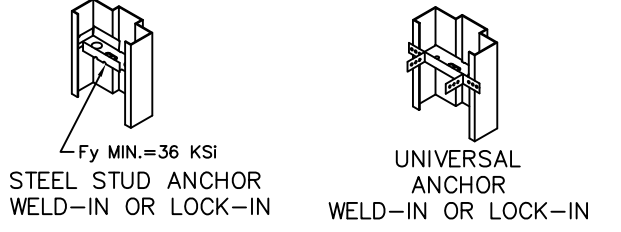
\*WOOD STUD WALLS  
SEE NOTE 1.



**C** STEEL STUD ANCHOR  
(UP TO 100 PSF)



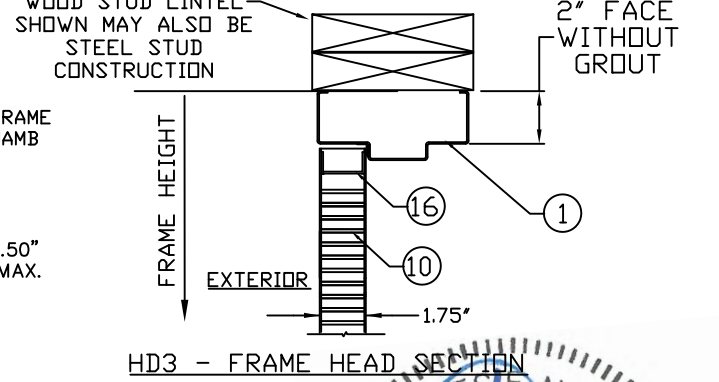
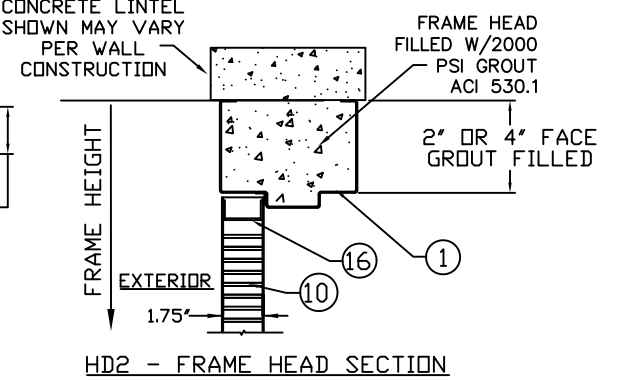
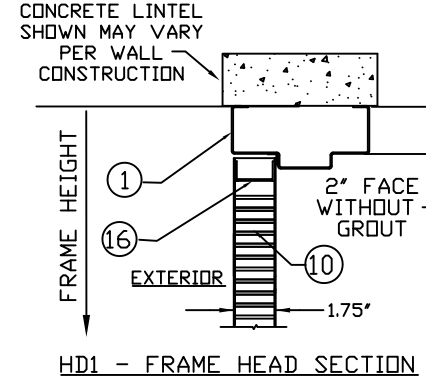
\*STEEL STUD  
WALLS. SEE NOTE 1.



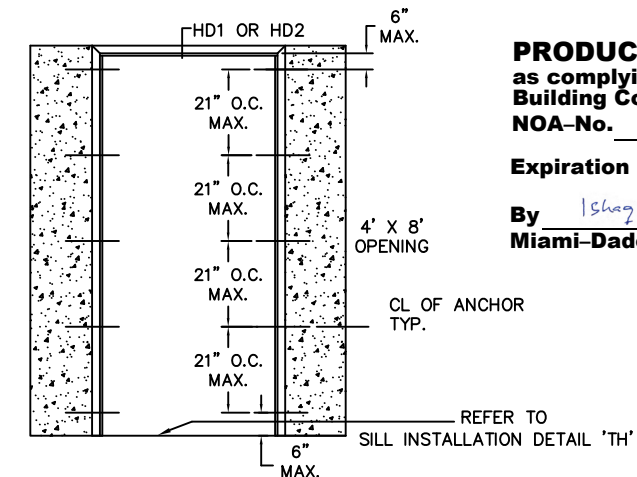
NOTES:

- 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 416#/FT. FOR ASSEMBLIES RATED @100 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

R E V I S I O N S					
LTR	DESCRIPTION			DATE	APPROVED
F	REVISED	DWG	YMF	01/30/09	
G	REVISED	DWG	YMF	01/04/10	
H	REVISED	DWG	YMF	04/09/10	
J	REVISED	NAME	JPD	11/01/13	
K	REVISED	DWG	JPD	02/01/15	
L	REVISED	DWG	JPD	05/05/15	
M	ENGINEER	CHANGE	LA	02/10/17	
N	ADDRESS	UPDATE	SM	02/27/20	
D	2020 FBC	UPDATE	NUS	07/06/20	

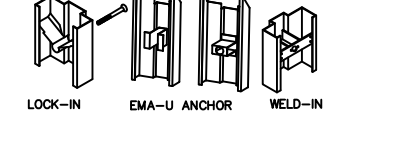
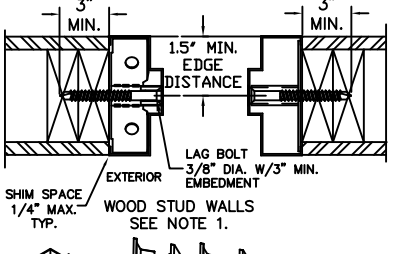
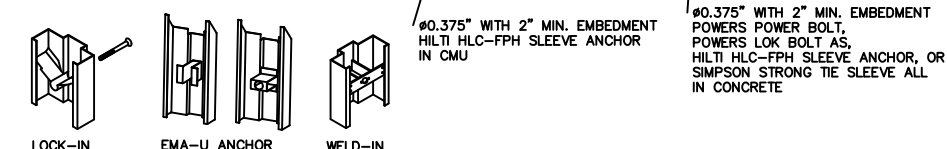
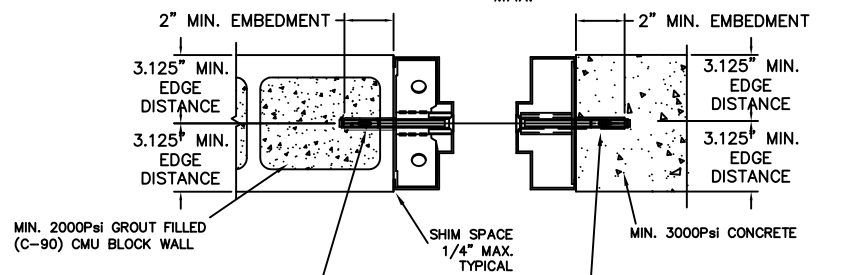
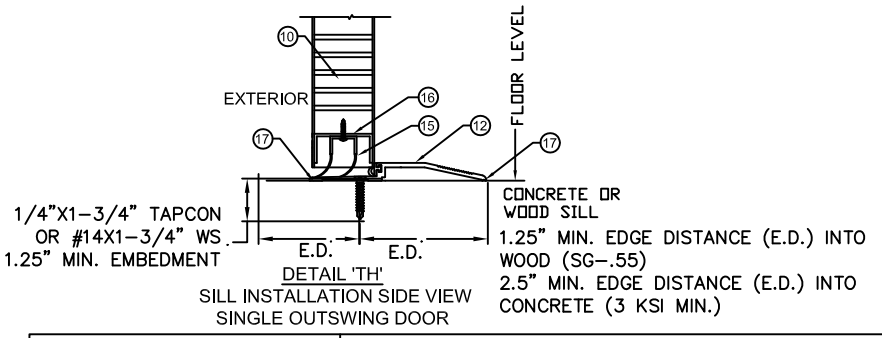
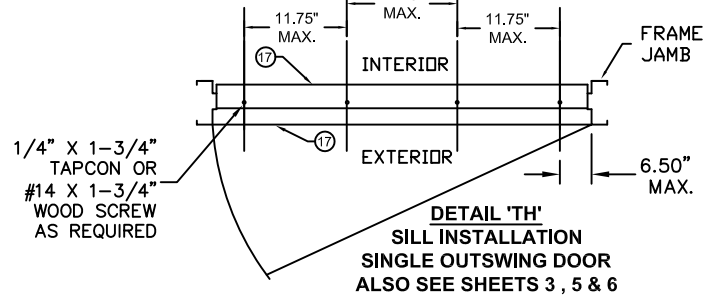
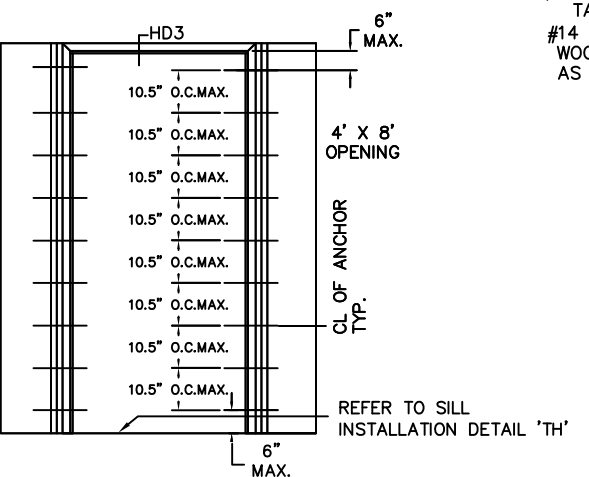


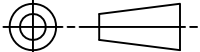
**D** EXISTING MASONRY ANCHOR (EMA)  
INTO CONCRETE OR CMU  
(UP TO 100 PSF)



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chanh  
Miami-Dade Product Control

**E** EXISTING MASONRY ANCHOR (EMA)  
WITH LAG BOLT INTO WOOD STUD WALL  
(UP TO 100 PSF)



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 SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN	DATE	FRAME ANCHOR DETAILS & INSTALLATION CONDITIONS.			
YMF	05/20/07				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				IRGS07	0
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHEET 4 of 16
JPD	10/11/07				



ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
21A	188S DOOR SEAL	ZERO INT'L
23A	139 DOOR SWEEP	ZERO INT'L
23B	328 DOOR SWEEP	ZERO INT'L
24A	475 ADJUSTABLE SEAL	ZERO INT'L
25A	142 RAIN DRIP	ZERO INT'L
25B	11 RAIN DRIP	ZERO INT'L
26	DOOR TOP CAP	STEELCRAFT

FIG. 1 is a cross-sectional view of a door assembly. The diagram shows a door with a frame. A weatherstripping seal (25A) is shown on the left side of the door. The top of the door frame head is labeled "TOP OF DOOR FRAME HEAD". A component (21A) is shown at the top of the door frame. A component (26) is shown on the door. A component (16) is shown on the door. A component (24A) is shown on the door. The diagram is divided into "EXTERIOR" and "INTERIOR" sections by a horizontal line.

Diagram illustrating the exterior view of a double door assembly, showing the door frame and door panels. Key components and labels include:

- 21A**: Door Seal Applied to Head and Jamb (on the left jamb).
- 24A**: Door Seal Applied to Head and Jamb (on the right jamb).
- 24A**: Applied to the Soffit Area of Hinge Jamb, Butt Against Closed Door (on the right jamb).
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: Text label for the seal on the left jamb.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: Text label for the seal on the right jamb.
- APPLIED TO THE SOFFIT AREA OF HINGE JAMBS, BUTT AGAINST CLOSED DOOR**: Text label for the seal on the right jamb.
- SEE SHEET 3 FOR HINGE REINFORCEMENT**: Text label pointing to the hinge area on the right jamb.
- STRIKE JAMB**: Label for the left jamb.
- EXTERIOR**: Label for the exterior side.
- HINGE JAMB**: Label for the right jamb.

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
21B	PS074 DOOR SEAL	STEELCRAFT
22	202N DOOR SEAL	NGP
23C	200N DOOR SWEEP	NGP
24B	170N ADJUSTABLE SEAL	NGP
25C	16A RAIN DRIP	NGP
26	DOOR TOP CAP	STEELCRAFT

Diagram illustrating the top of the door frame head assembly. The diagram shows a cross-section of the door frame head with the following components labeled:

- 21B: Top of the door frame head.
- 24B: Top of the door frame head.
- 26: Top of the door frame head.
- 16: Top of the door frame head.

TOP OF DOOR FRAME HEAD

Diagram illustrating the exterior view of a double door assembly, showing the Strike Jamb, Exterior, and Hinge Jamb.

Labels and components shown:

- DOOR SEAL APPLIED TO HEAD AND JAMBS (21B)
- DOOR/EDGE SEAL APPLIED TO THE SOFFIT AREA OF HINGE JAMBS, BUTT AGAINST CLOSED DOOR (22)
- SEE SHEET 3 FOR HINGE REINFORCEMENT
- STRIKE JAMB
- EXTERIOR
- HINGE JAMB

The image contains four technical drawings of door seal profiles, each with its own set of dimensions and labels:

- NGP 16 RAIN DRIP (25C):** Shows a profile with a curved lip. Dimensions include a top flange width of 2.50", a lip height of 1.50", and a mounting hole for a No. 6 x 5/8" PHMS.
- NGP 170N ADJUSTABLE SEAL (24B):** Shows a profile with an adjustable lip. Dimensions include a top flange width of 1.0", a lip height of 0.437", and a mounting hole for a No. 6 x 5/8" PHMS.
- PS-074 STEEL CRAFT DOOR SEAL (21B):** Shows a profile with a flexible lip. Dimensions include a lip height of 0.024", a base width of 0.50", and a 40° angle on the lip. Labels indicate 'FLEXIBLE' and 'SEMI-RIGID' sections.
- NGP 202N DOOR SEAL (22):** Shows a profile with a lip. Dimensions include a top flange width of 0.375", a lip height of 1.00", and a mounting hole for a No. 6 x 3/4" PHMS. The base width is 0.625".

23C NGP 200N DOOR SWEEP

16 DOOR END CHANNEL

26 DOOR TOP CAP

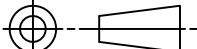
15 FAS-SEAL DOOR SWEEP

Technical drawings showing dimensions for door components:

- 23C NGP 200N DOOR SWEEP:** Dimensions include 0.2", 1.25", .4375", and .062".
- 16 DOOR END CHANNEL:** Dimensions include 0.067", .688", 1.66", and .062".
- 26 DOOR TOP CAP:** Dimensions include 1.75", 0.50", 1.52", and .062".
- 15 FAS-SEAL DOOR SWEEP:** Dimensions include 3.91", 11.25", 17.3", 47.625 MAX., 0.50", and 1.25".

Additional notes for the Fas-Seal Door Sweep:

- SEE NOTE 1
- RIGID SECTION SEE NOTE 2.
- FLEXIBLE SECTION (NOTE 3)

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 SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN <b>YMF</b>	DATE 05/20/07	SINGLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.  IRGS07	REV  0
ENG. APPVL <b>JPD</b>	10/11/07	SCALE: NTS	AUTOCAD	SHEET 5 of 16	

LTR	DESCRIPTION		DATE	APPROVED
B	TP14-0253-R	JPD	6-7-15	
C	REVISED DWG	RAP	12/10/07	
D	REVISED DWG	YMF	01/07/07	
E	REVISED DWG	YMF	04/03/08	
F	REVISED DWG	YMF	06/03/08	
G	REVISED DWG	YMF	03/03/09	
H	REVISED DWG	YMF	04/07/10	
J	REVISED NAME	JPD	11/01/13	
K	REVISED DWG	JPD	02/01/15	
L	REVISED DWG	JPD	05/05/15	
M	ENGINEER CHANGE	LA	02/03/17	
N	ADDRESS UPDATE	SM	02/27/20	
O	2020 FBC UPDATE	NUS	07/06/20	

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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

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)

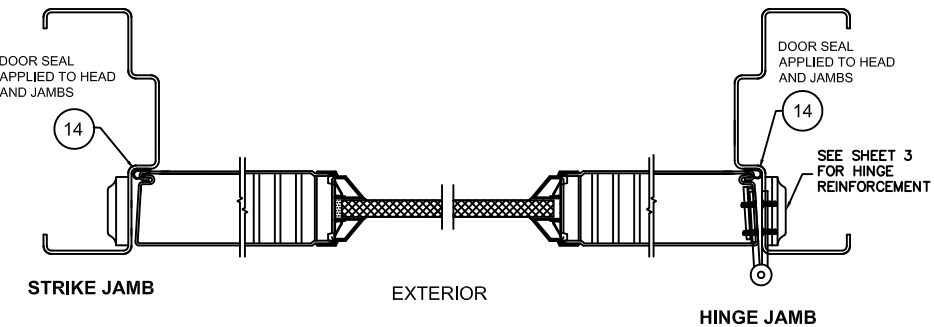
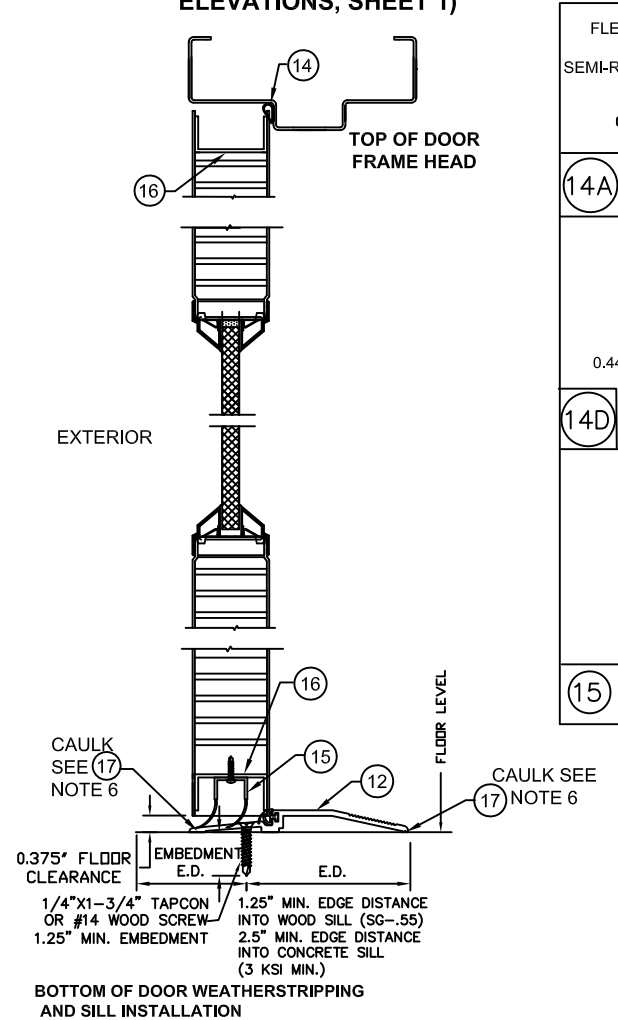
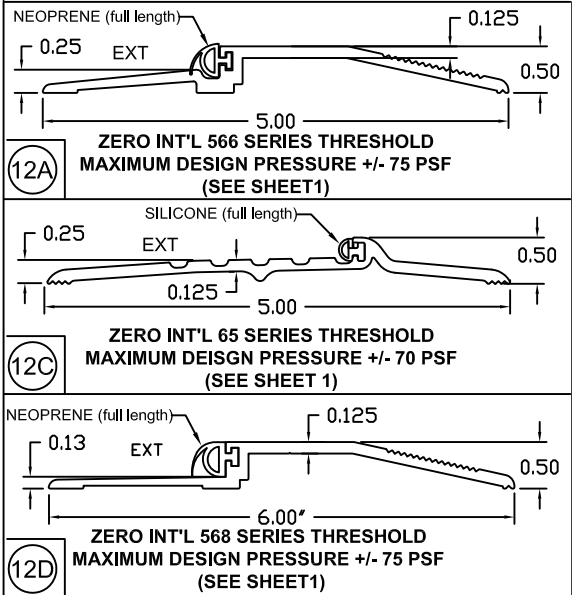
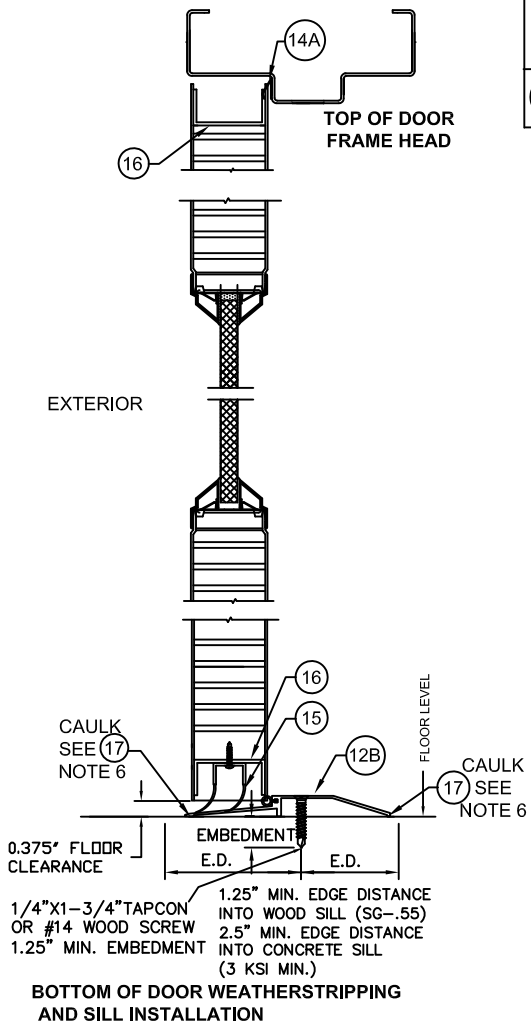
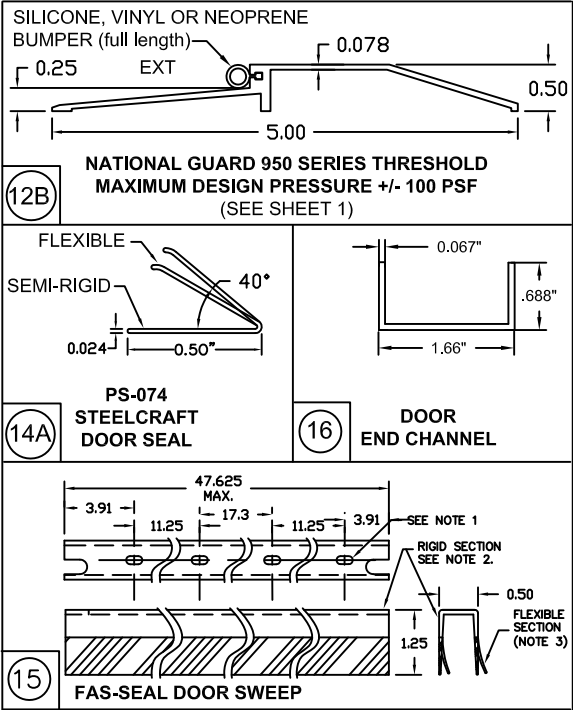


TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

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

NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED - MAXIMUM DESIGN PRESSURE 100 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS, SHEET1)



- 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, 12B, 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 SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES		SINGLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED	
DRAWN YMF		DATE 05/20/07		SIZE FLAT	
CHECKED		APPROVED		DWG NO. IRGS07	
ENG. APPVL JPD		10/11/07		SCALE: NTS	
		AUTOCAD		SHEET 6 of 16	

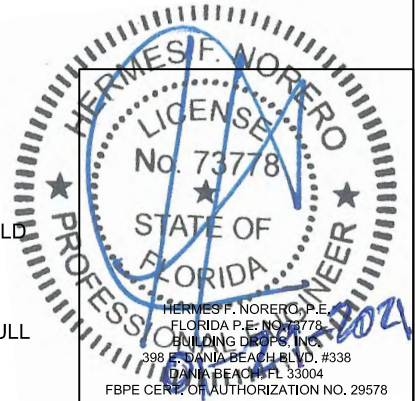
REVISIONS

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

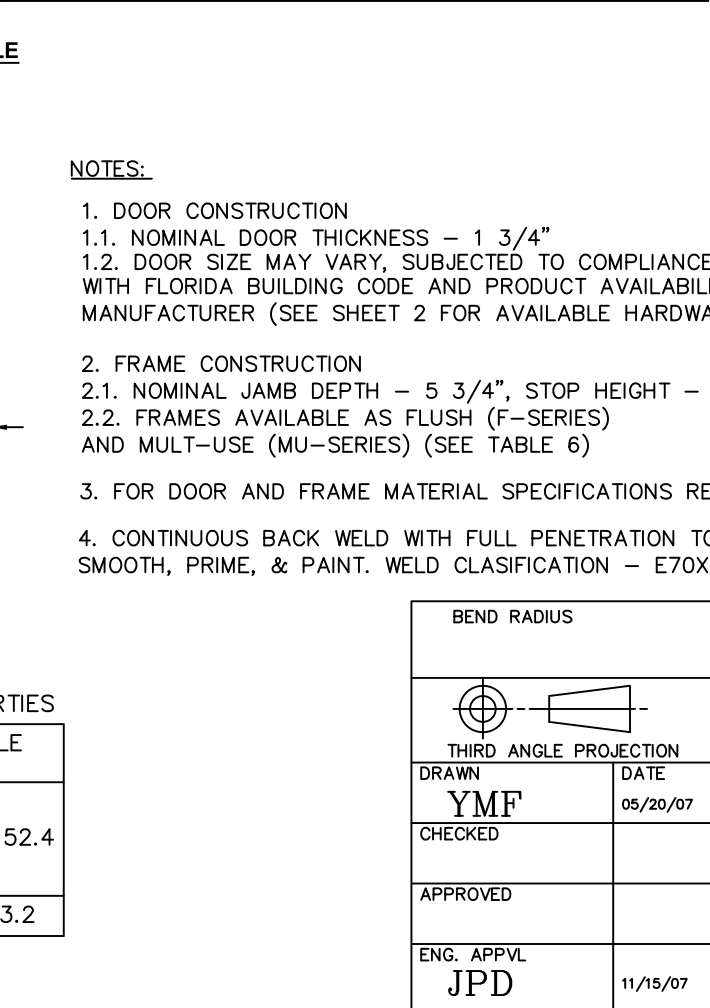
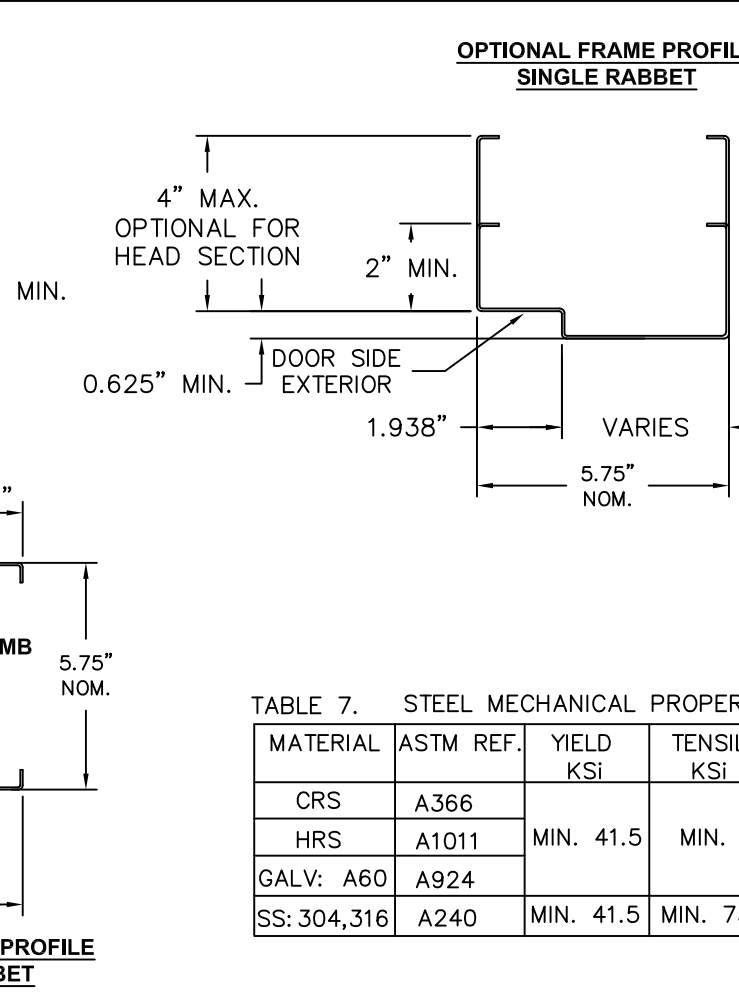
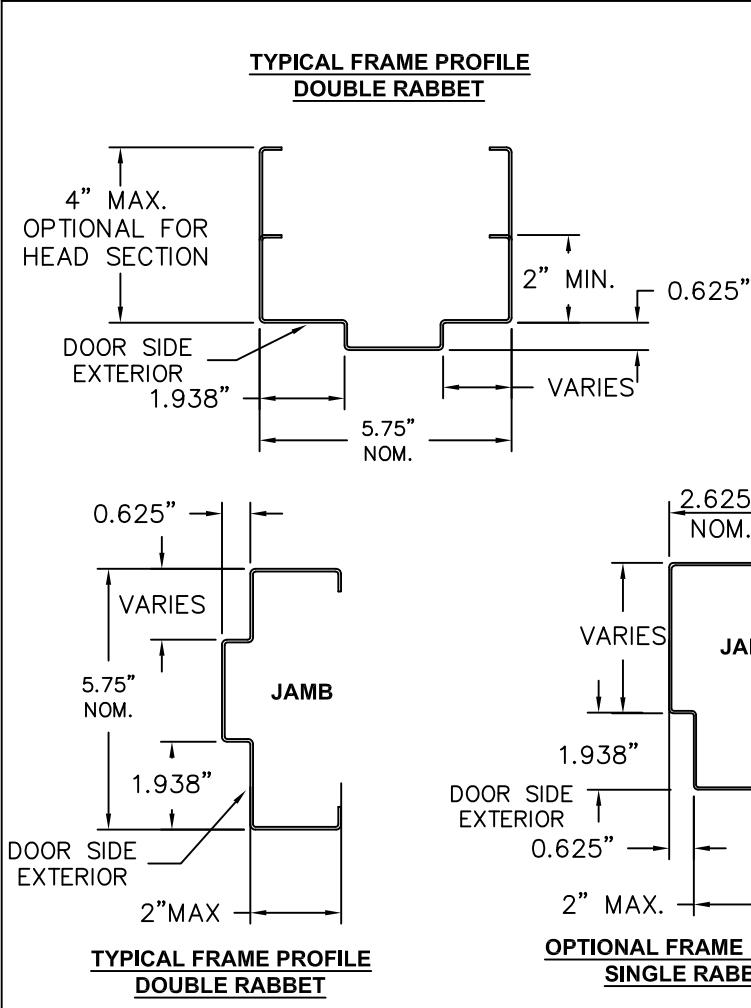
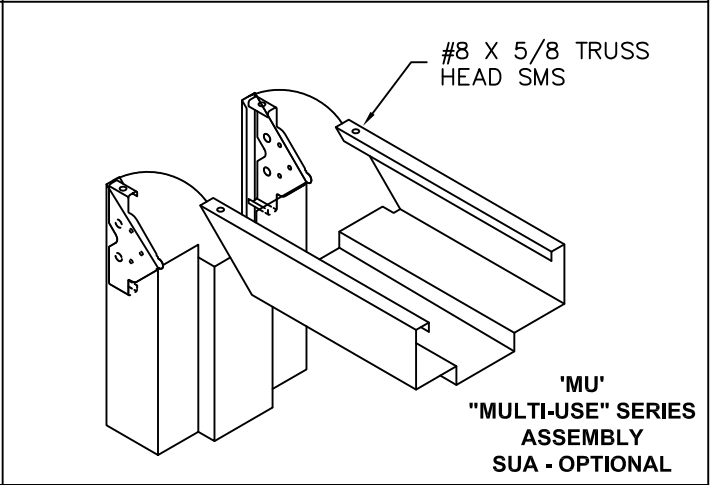
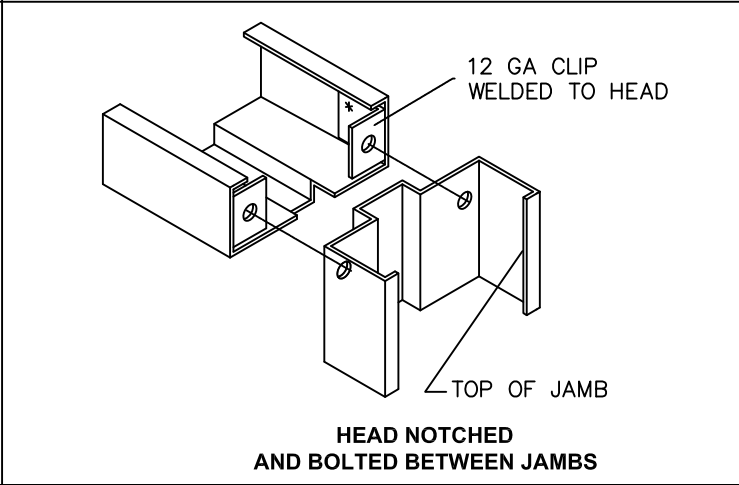
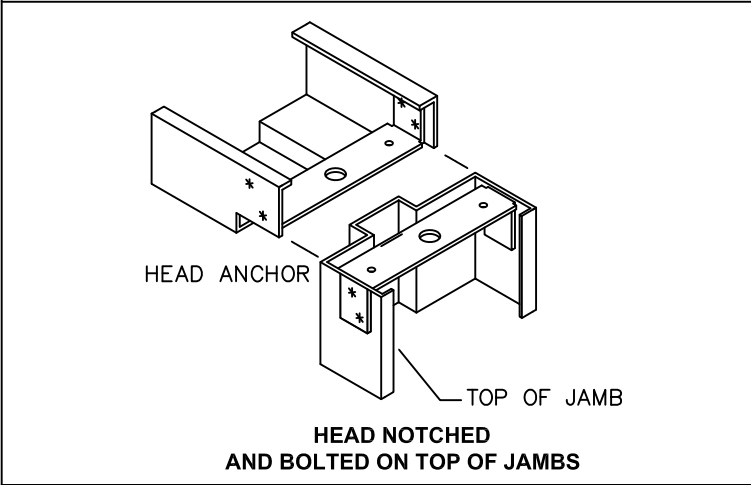
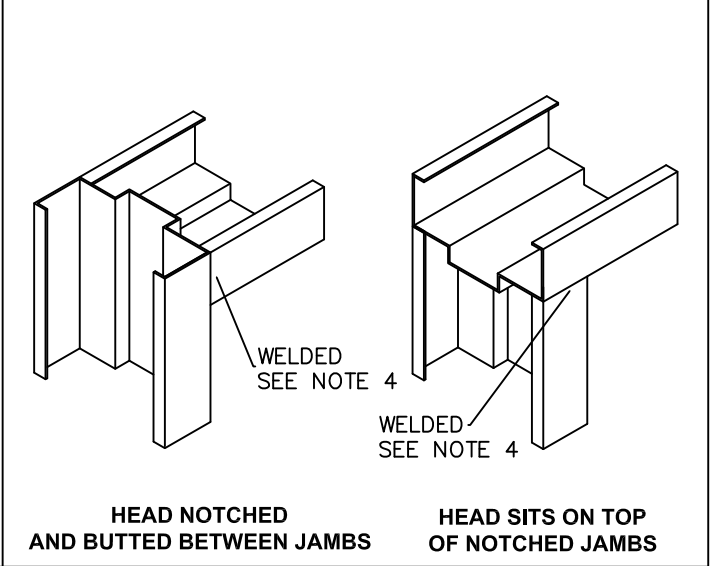
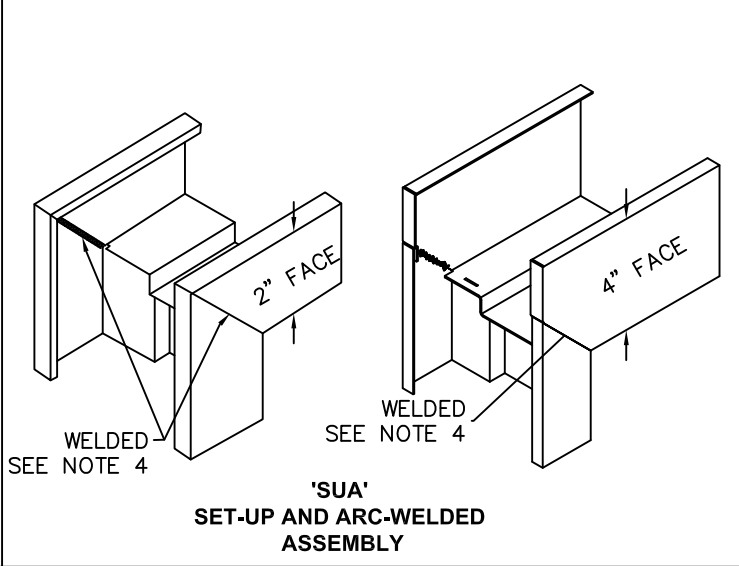
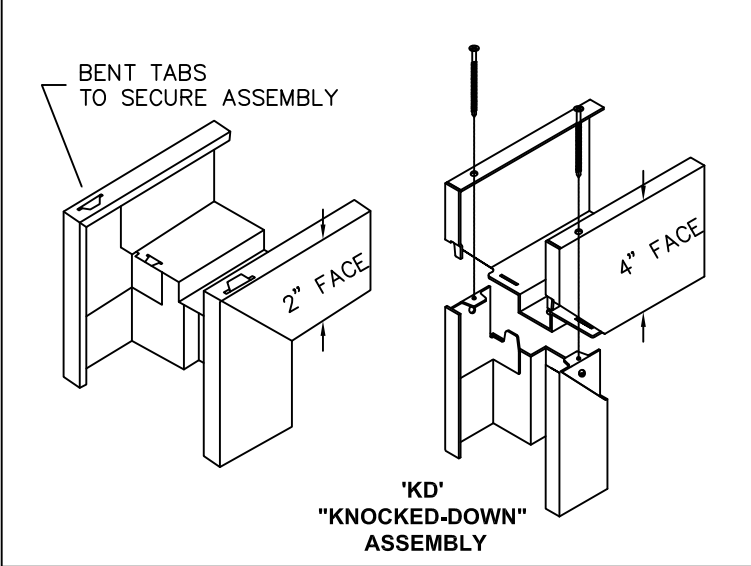
PRODUCT REVISED  
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Building Code  
NOA-No. 20-1005.17

Expiration Date 05/05/2022

By *Ishaq I. Chande*  
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	08/06/08
E	REVISED	PER_MDBCCO	YMF	01/30/09
F	REVISED	PER_MDBCCO	YMF	02/04/09
G	REVISED	DWG	YMF	01/04/10
H	REVISED	DWG	YMF	04/09/10
J	REVISED	NAME	JPD	11/01/13
K	REVISED	DWG	JPD	02/01/15
M	ENGINEER	CHANGE	LA	02/28/17
N	ADDRESS	UPDATE	SM	02/27/20
O	2020	FBC UPDATE	NUS	07/06/20

TABLE 5. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS				
CORE MATERIAL PER SHT.15	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	VARIES SEE SHT 2 TABLE 1		CRS GALV	16/ .053" 14/ .067"
HONEYCOMB POLYSTYRENE POLYURETHANE	VARIES SEE SHT 2 TABLE 1		STAINLESS STEEL	16/ .053"

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS					
FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	VARIES SEE SHT 2 TABLE 1		CRS/HRS GALV	16/ .053" 14/ .067" 12/ .099"
				STAINLESS STEEL	16/ .053"
MU	5.75" NOM.	VARIES SEE SHT 2 TABLE 1		CRS/HRS GALV	16/ .053" 14/ .067"

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

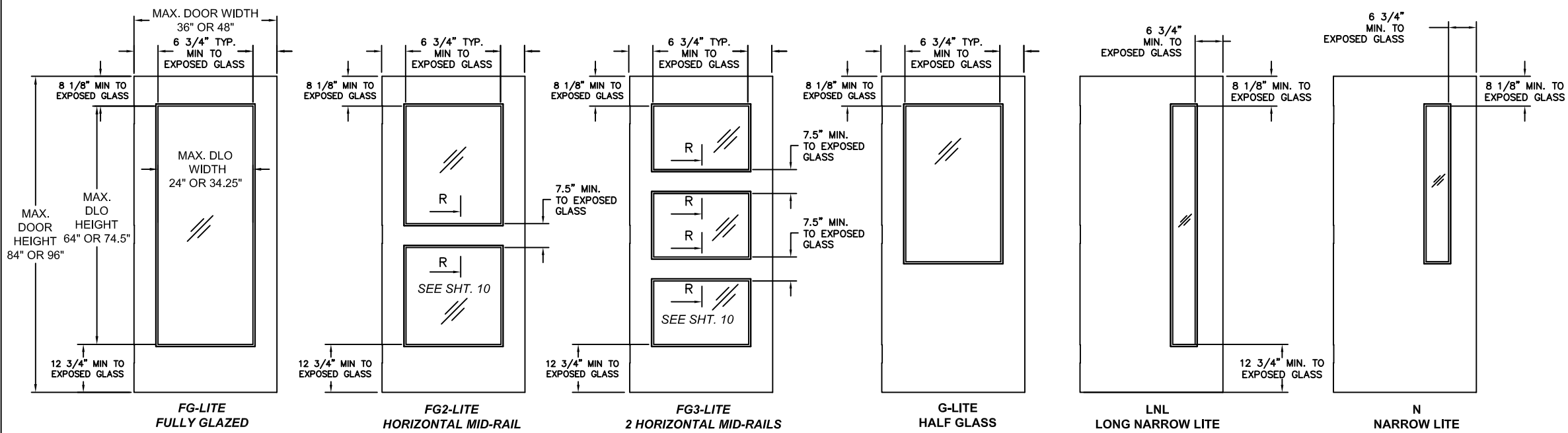
**PRODUCT REVISED**  
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Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chank  
Miami-Dade Product Control



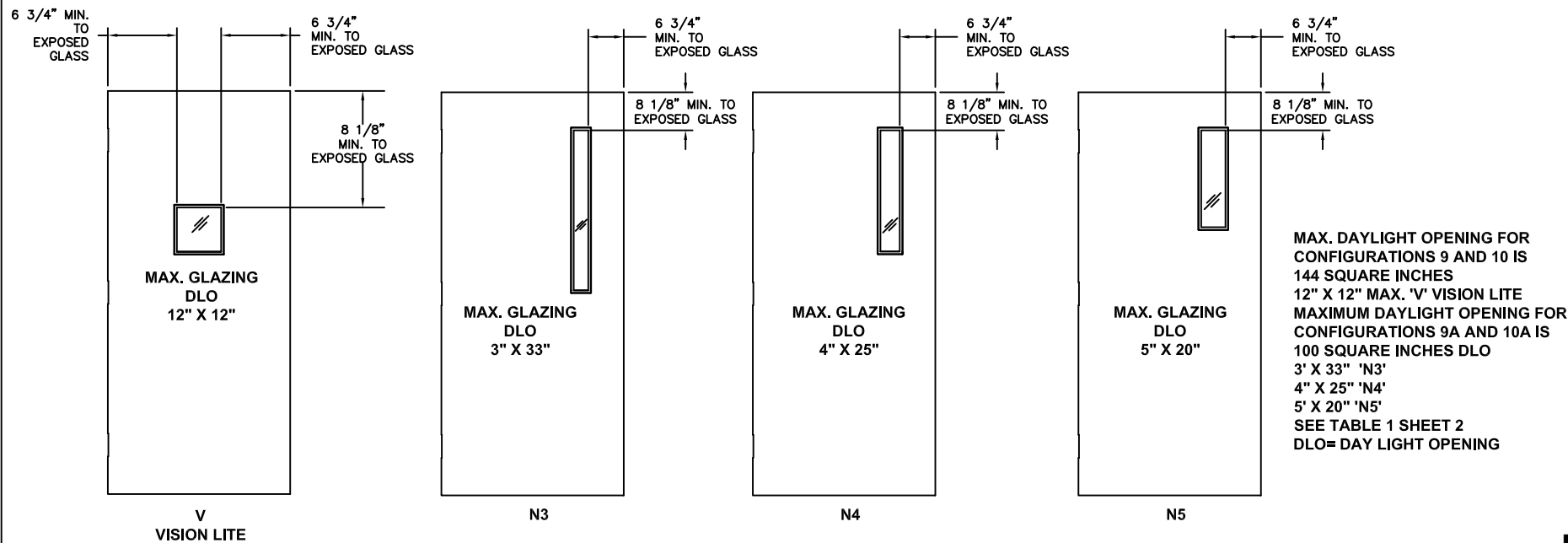
TABLE 7. STEEL MECHANICAL PROPERTIES			
MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A366	MIN. 41.5	MIN. 52.4
HRS	A1011		
GALV: A60	A924	MIN. 41.5	MIN. 73.2
SS: 304,316	A240		

BEND RADIUS		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 SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES					
DRAWN YMF	DATE 05/20/07	FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS.					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	REV		
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD	IRGS07 0		
SHEET 7 of 16							

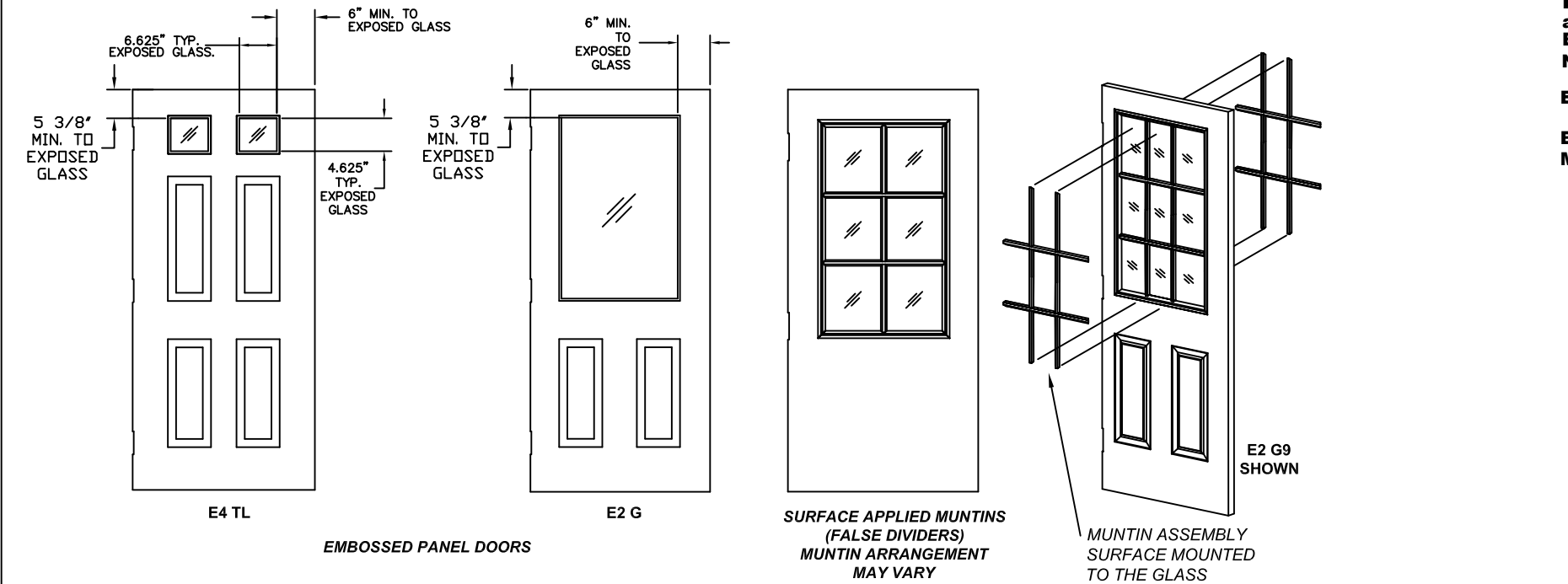




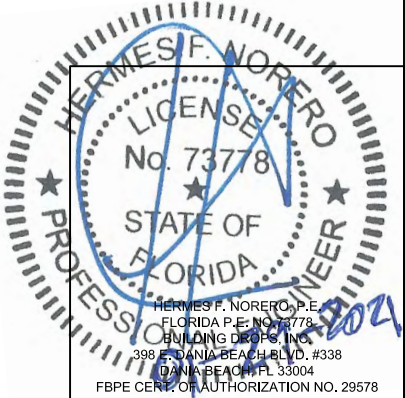
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D	REVISED	DWG	YMF	07/29/08
E	REVISED	PER_MDBCCO	YMF	01/30/09
F	REVISED	PER_MDBCCO	YMF	02/04/09
G	REVISED	DWG	YMF	01/04/10
H	REVISED	DWG	YMF	04/09/10
J	REVISED	NAME	JPD	11/01/13
K	REVISED	DWG	JPD	02/01/15
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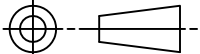


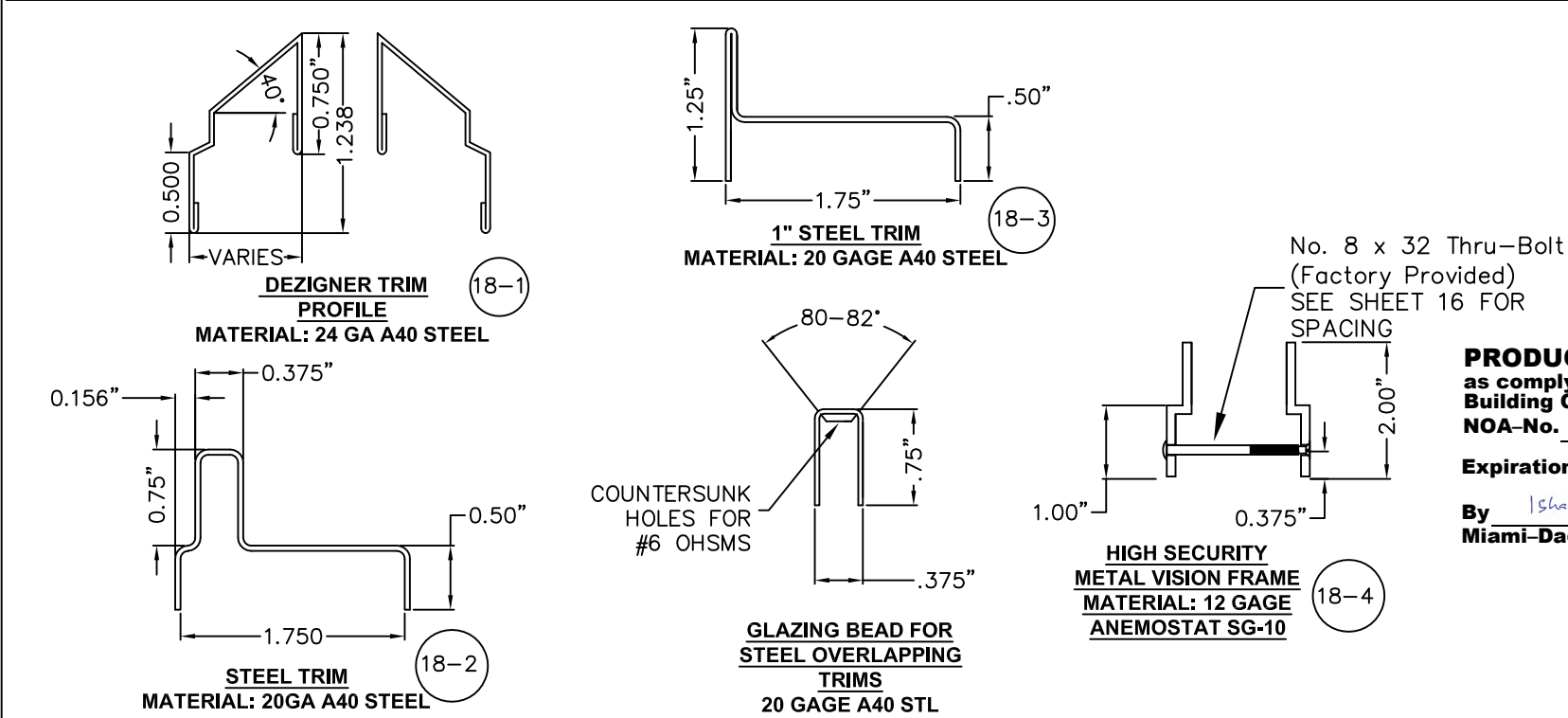
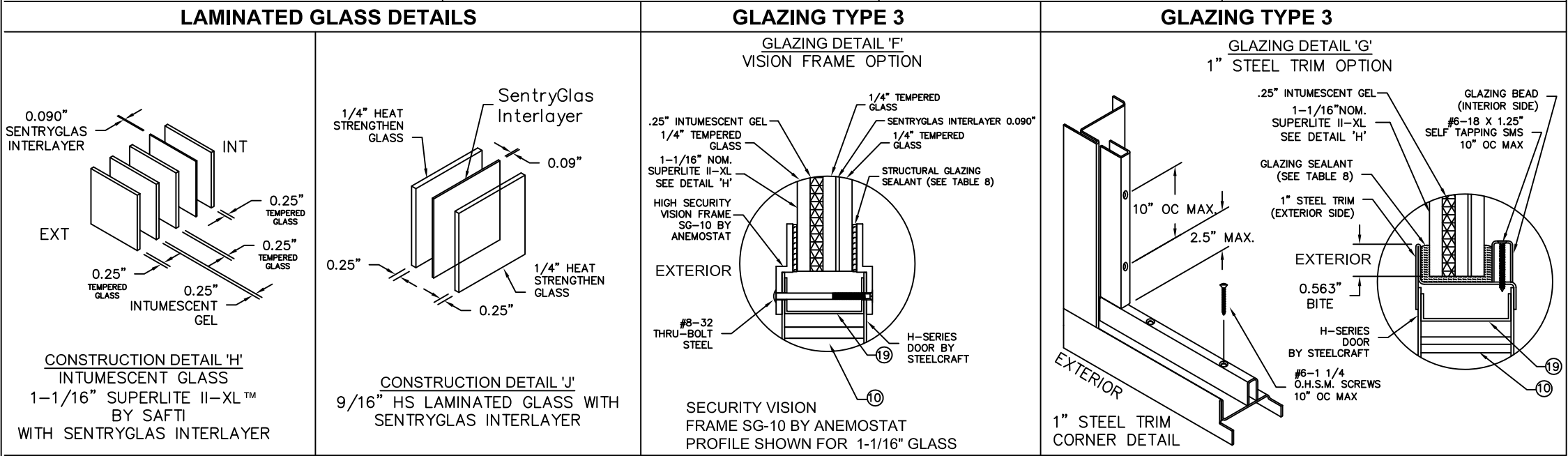
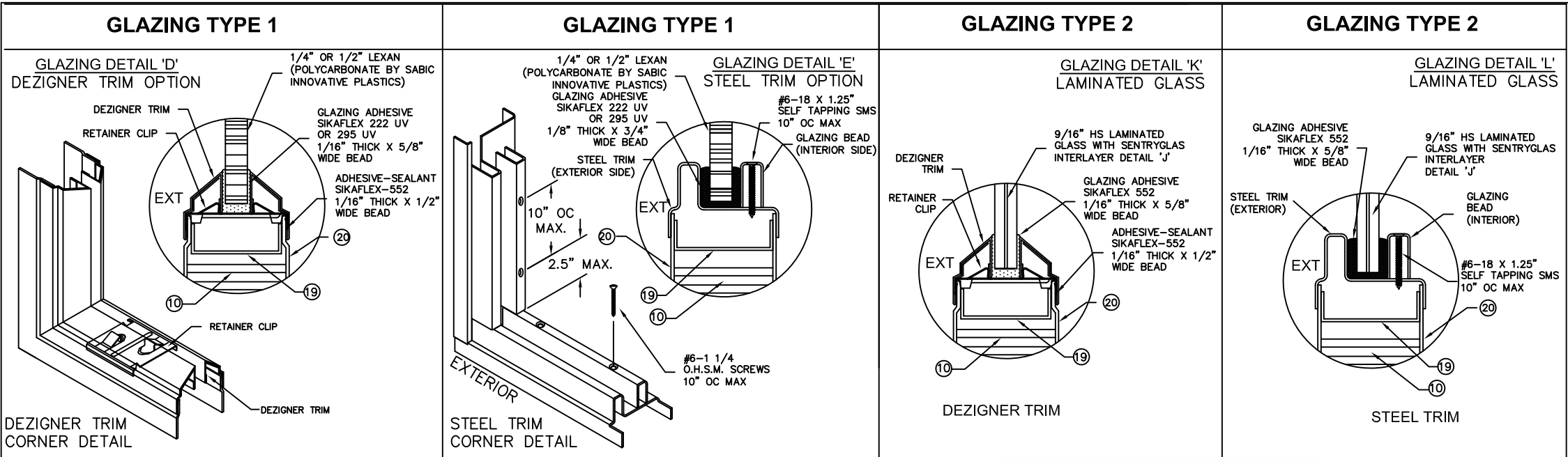
- NOTES:
- DOOR CONSTRUCTION
  - NOMINAL DOOR THICKNESS – 1 3/4"
  - ALL GLASS LITE TYPES SHOWN ON THIS SHEET ARE AVAILABLE FOR ALL DOOR CONFIGURATIONS SHOWN ON SHEET 1 AND TABLE 1 SHEET 2 EXCEPT FOR CONFIGURATIONS 9, 9A, 10 and 10A. SEE NOTE 4
  - DOOR CONFIGURATION 9 and 10 AVAILABLE WITH 'V' VISION LITE AND 9A and 10A ARE AVAILABLE WITH N3, N4 AND N5 TYPE LITES. (SEE TABLE 1 SHEET 2)
  - MAXIMUM GLAZING DLO HEIGHT AND WIDTH AS PER SHEETS 1, 2, AND 8.
  - GLAZING OPENING DLO SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE.(SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
  - DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER.
  - GLASS LITES NOT LIMITED TO THOSE SHOWN, PROVIDED DIMENSIONS SHOWN ARE MAINTAINED. SEE TABLE 1 SHEET 2 )
  - 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)
  - 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 RAILS.
  - DLO = DAYLIGHT OPENING (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)



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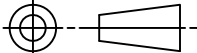


BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN	DATE	GLASS DOOR CONFIGURATIONS.			
YMF	05/20/07				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				IRGS07	<div><input type="checkbox"/></div>
ENG. APPVL		SCALE:			
JPD	11/15/07	NTS	AUTOCAD		SHEET 8 of 16



NOTES:

- SEE SHT.1 FOR ELEVATIONS, SHT.2 FOR SIZES AND SHT.7 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.
- SEE SHT. 4 FOR WALL CONSTRUCTION, ANCHOR REQUIREMENTS AND ANCHORING SYSTEMS
- SEE SHT. 7 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
- APPROVED HARDWARE ON SHEETS 1, 2, 3, 5, 6, 10, 11, 12 AND 16 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 SINGLE 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.  IRGS07		REV  0
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD	SHEET	9 of 16

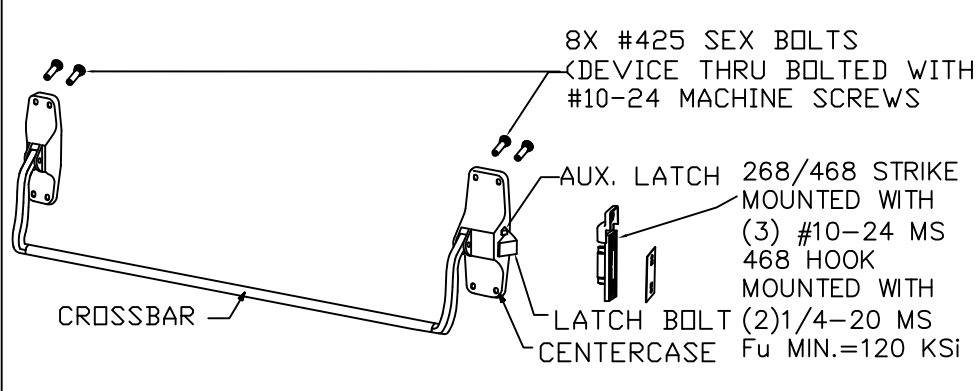
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D	REVISED	DWG.	YMF	08/06/08
E	REVISED	PER_MDBCCO	YMF	01/30/09
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G	REVISED	DWG	YMF	01/04/10
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J	REVISED	NAME	JPD	11/01/13
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M	ENGINEER	CHANGE	LA	03/14/17
N	ADDRESS	UPDATE	SM	02/27/20
O	2020 FBC UPDATE		NUS	07/06/20

TABLE 8.

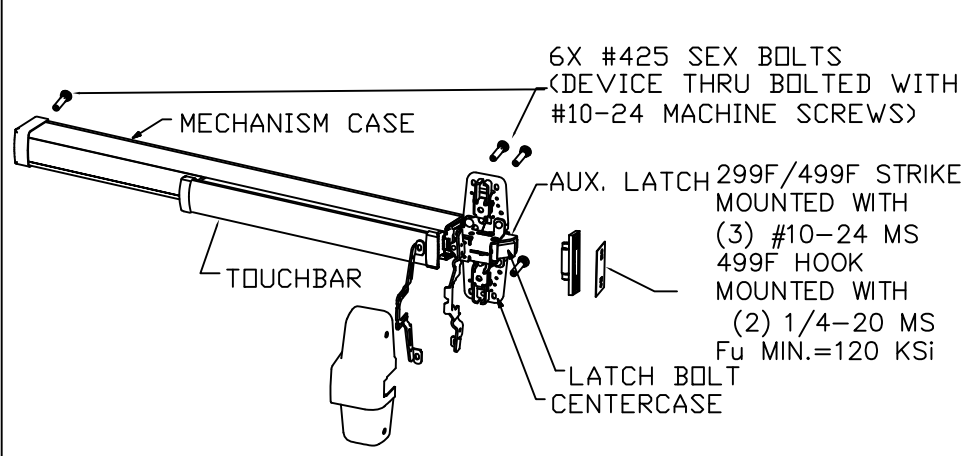
GLAZING TYPES AND METHODS			
GLAZING TYPE	GLAZING MATERIAL	TRIM TYPE	GLAZING SEALANT
1	LEXAN BY SABIC INNOVATIVE PLASTICS 1/4" OR 1/2" DETAILS 'D' & 'E'	DESIGNER 1/2" OR 1/4"	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		STEEL TRIM	
2	9/16" HS LAMINATED GLASS WITH SENTRYGLAS INTERLAYER DETAILS 'J', 'K' & '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 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')	



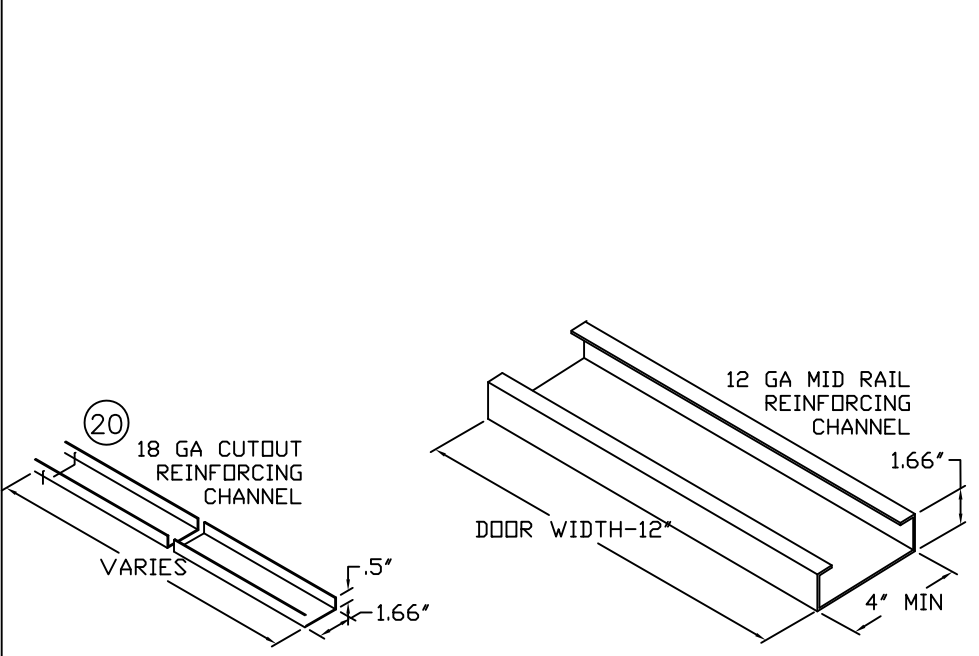




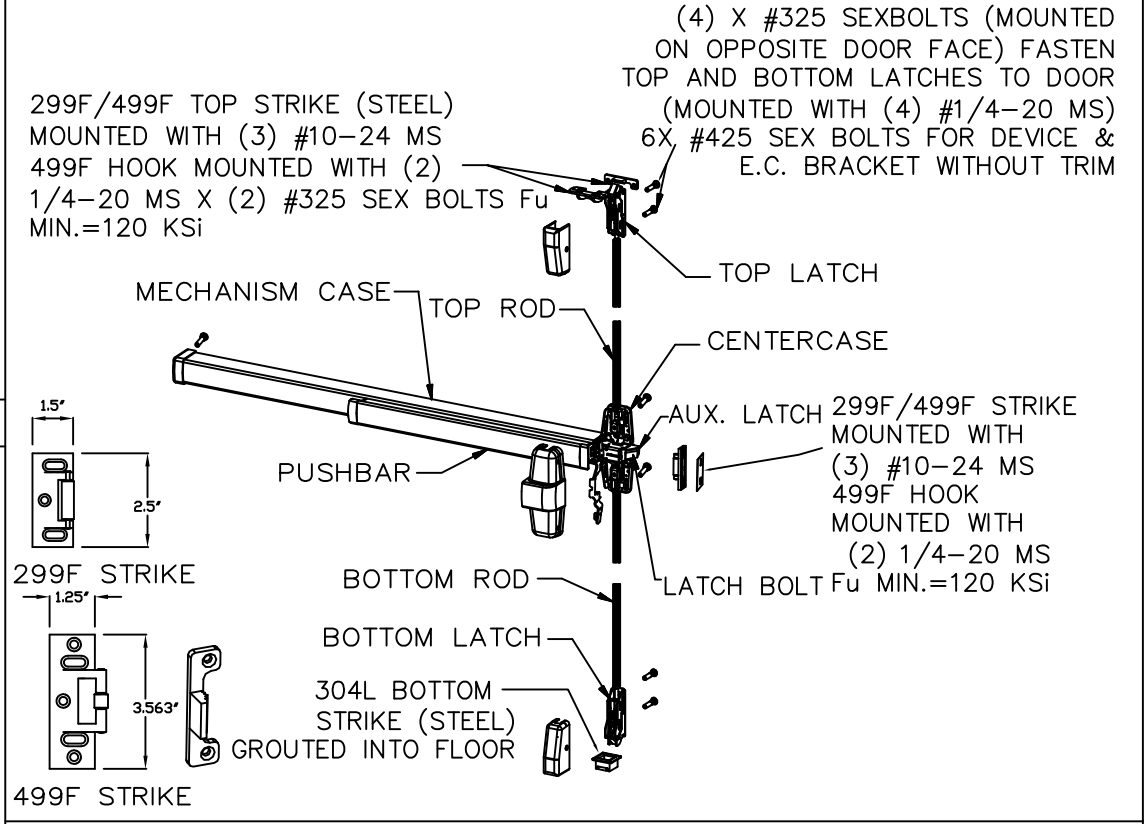
VON DUPRIN 88-F RIM DEVICE, USED IN CONFIGURATIONS: 7 & 8



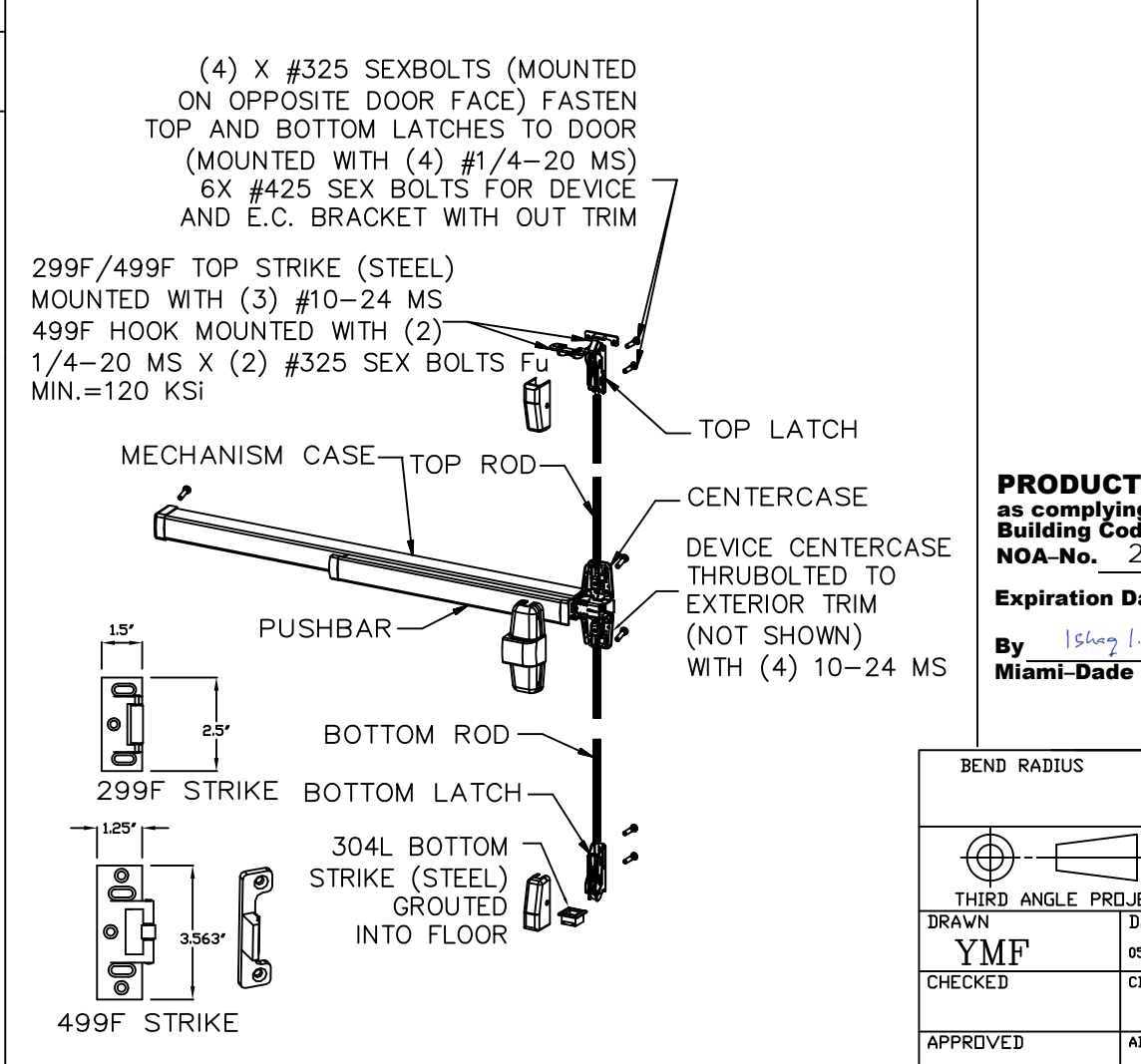
VON DUPRIN 98, 99, 98-F, 99-F RIM DEVICE  
USED IN CONFIGURATIONS: 7 & 8



NOTES:  
1. ELECTRICAL FUNCTIONS/INSTALLATION AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL, TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL  
2. EXIT HARDWARE OPTIONS:  
FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F;(OPTIONS MAY VARY PER SERIES)  
TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
FOR 88-F SERIES - OPTION E; TRIM: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.



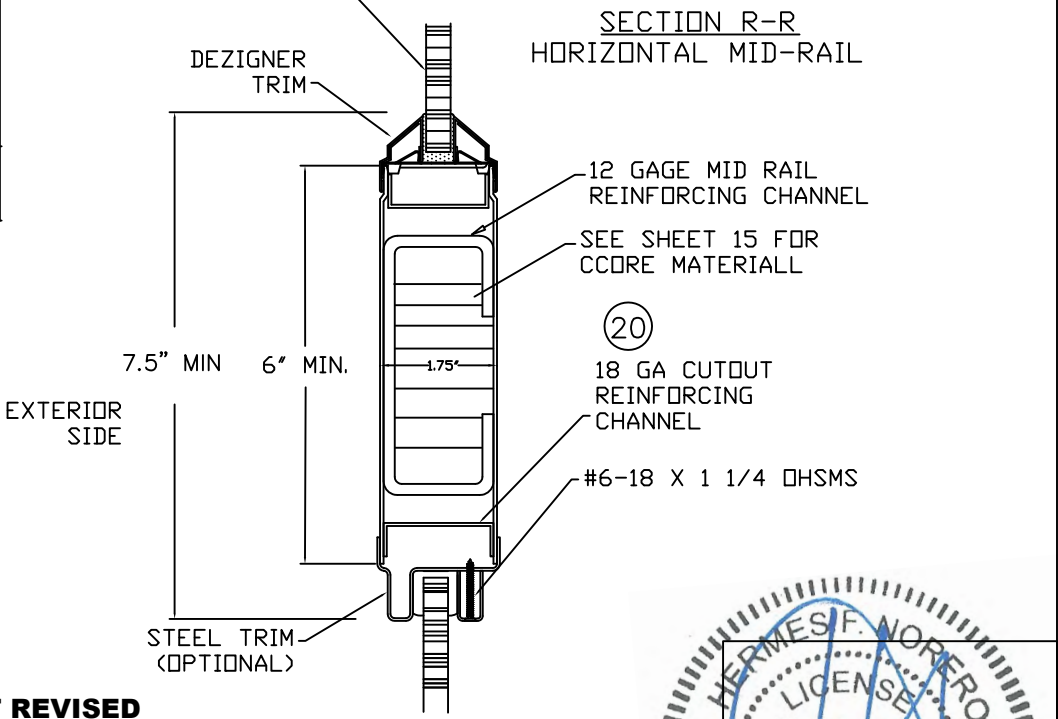
VON DUPRIN 98/9957(F) THREE-POINT EXIT DEVICE  
USED IN CONFIGURATIONS: 5 & 6



SURFACE VERTICAL ROD EXIT DEVICE VON DUPRIN 9827, 9927, 9827-F & 9927-F  
USED IN DOOR CONFIGURATION 3

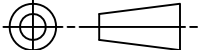
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D	REVISED DWG	YMF	07/28/08	
E	REVISED PER_MDBCCD	YMF	01/30/09	
F	REVISED PER_MDBCCD	YMF	02/05/09	
G	REVISED DWG	YMF	01/04/10	
H	REVISED DWG	YMF	04/09/10	
J	REVISED NAME	JPD	11/01/13	
K	REVISED DWG	JPD	02/01/15	
M	ENGINEER CHANGE	LA	03/14/17	
N	ADDRESS CHANGE	JPD	01/10/20	
Q	2020 FBC UPDATE	NUS	07/06/20	

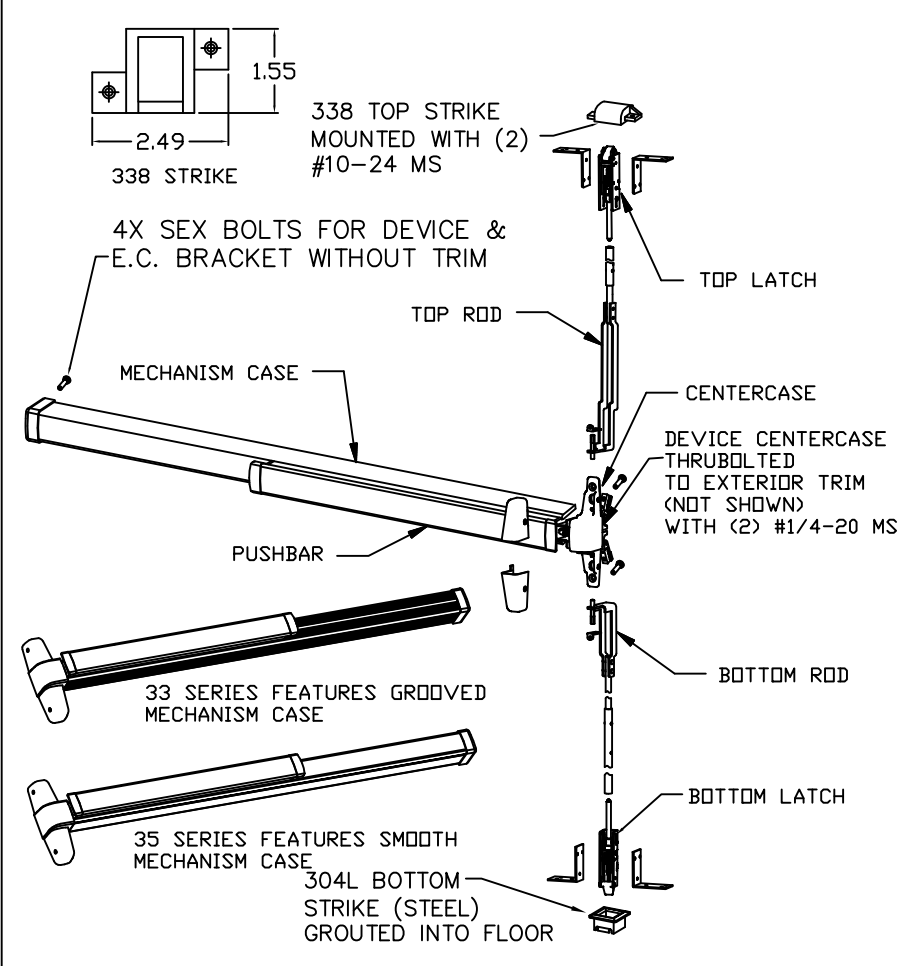
GLAZING MATERIAL SEE TABLE 8 ON SHEET 9.  
SEE SHEETS 1, 2, 3 AND 8 FOR INFORMATION ON DAYLIGHT OPENING, GLASS TYPES AND SIZE LIMITATIONS



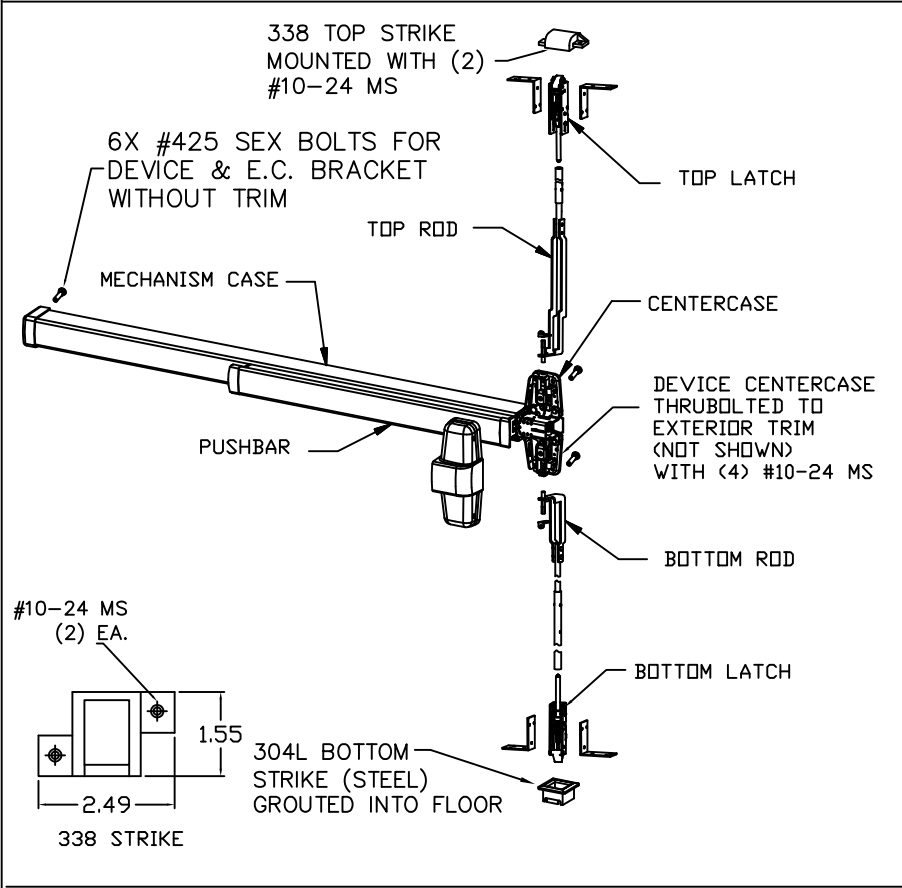
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chande  
Miami-Dade Product Control



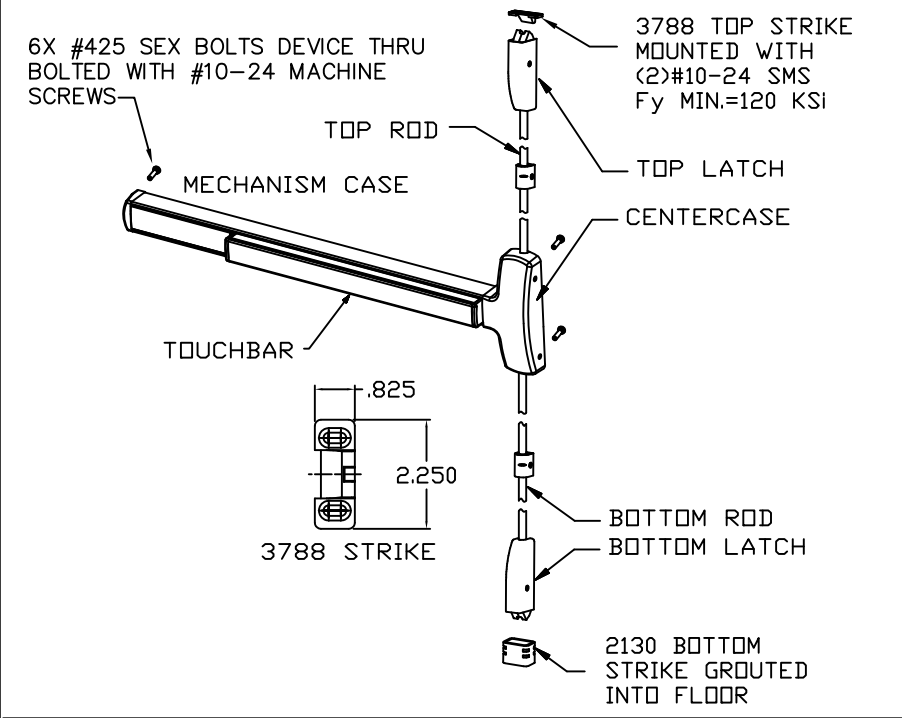
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES				
DRAWN YMF	DATE 05/20/07	EXIT HARDWARE FOR GLASS SINGLE DOORS.				
CHECKED	CDATE					
APPROVED	ADATE	SIZE	FLAT	DWG NO.	IRGS07	REV <div></div>
ENG. APPVL JPD	EDATE 11/15/07	SCALE: NTS	AUTOCAD		SHEET 10 of 16	



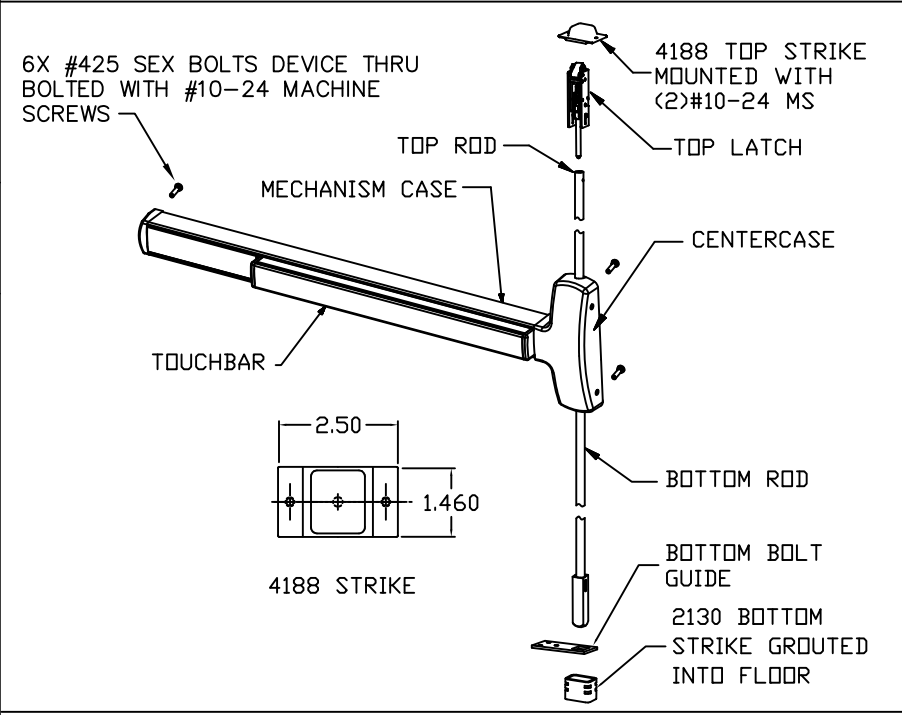
VON DUPRIN SERIES 33/3547A-F & HH33/3547A CONCEALED VERTICAL ROD EXIT DEVICE WITH 2-3/4" BACKSET USED IN CONFIGURATION 4



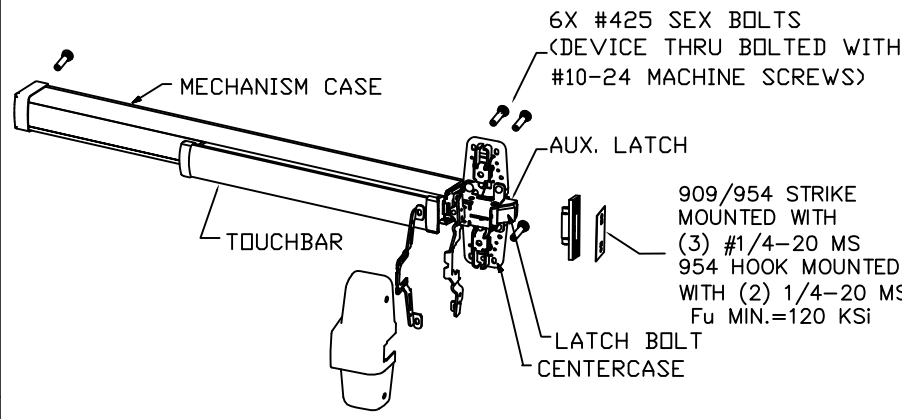
VON DUPRIN 98/9947-F & HH98/9947 CONCEALED VERTICAL ROD EXIT DEVICE WITH 2-3/4" BACKSET USED IN CONFIGURATION 4



FALCON 25-V, F-25-V SURFACE VERTICAL ROD EXIT DEVICE USED IN DOOR CONFIGURATION 3 (SEE SHT.1)



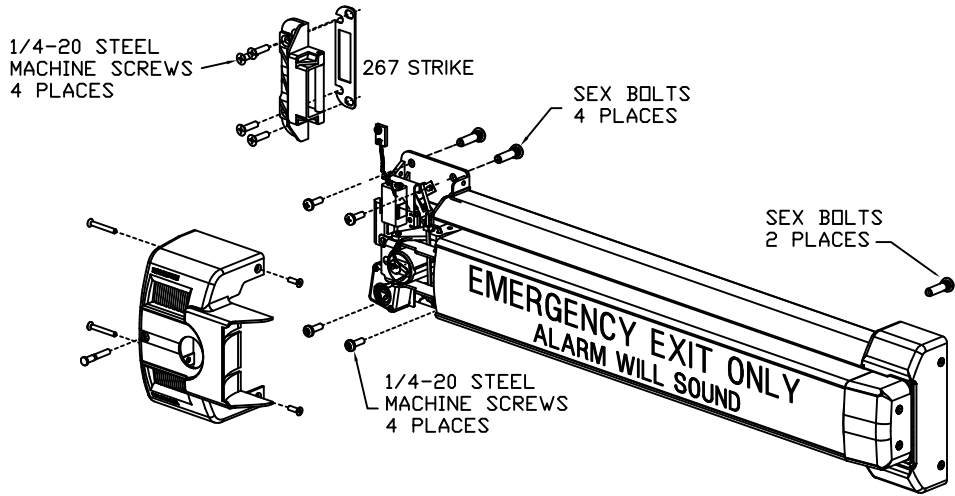
FALCON F-25-C, CONCEALED VERTICAL ROD EXIT DEVICE USED IN DOOR CONFIGURATION 4 (SEE SHT.1)



VON DUPRIN XP98, XP99, XP98-F, XP99-F USED IN CONFIGURATIONS: 9 & 9A

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NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishaq I. Chanda  
Miami-Dade Product Control

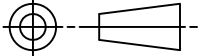
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LTR	DESCRIPTION		DATE	APPROVED
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D	REVISED	DWG YMF	07/28/08	
E	REVISED	PER_MDBCCD YMF	01/30/09	
F	REVISED	PER_MDBCCD YMF	02/05/09	
G	REVISED	DWG YMF	01/13/10	
H	REVISED	DWG YMF	04/09/10	
J	REVISED	NAME JPD	11/01/13	
K	REVISED	DWG JPD	02/01/15	
M	ENGINEER CHANGE	LA	03/14/17	
N	ADDRESS CHANGE	JPD	01/10/20	
Q	2020 FBC UPDATE	NUS	07/06/20	



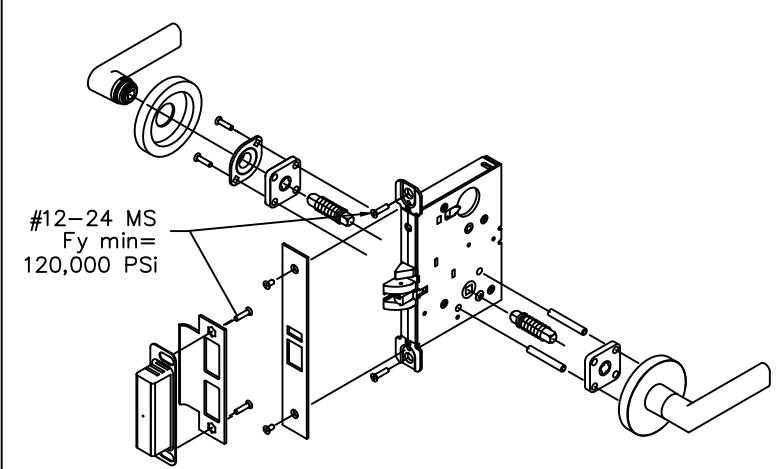
VON DUPRIN SERIES 2670 GAURD-X USED IN CONFIGURATIONS: 10 & 10A

NOTES:  
1. ELECTRICAL FUNCTIONS/INSTALLATION AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL, TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL  
2. 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)  
TRIMS: ALL APPLICABLE TRIMS AVAILABLE..  
PN MODEL OFFERED.  
FOR 33/35-F SERIES - OPTIONS RX, LX, EL, QEL, SS, CX, F, ALK, CD, PN, LD  
TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
FOR 2670 GUARD-X  
TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
F-25-C & (F)25V SERIES - OPTIONS AE, DM, LM, LK, KOR, MEL, EA, FSA, FSE, CD, RX, LD  
TRIMS: ALL APPLICABLE TRIM AVAILABLE



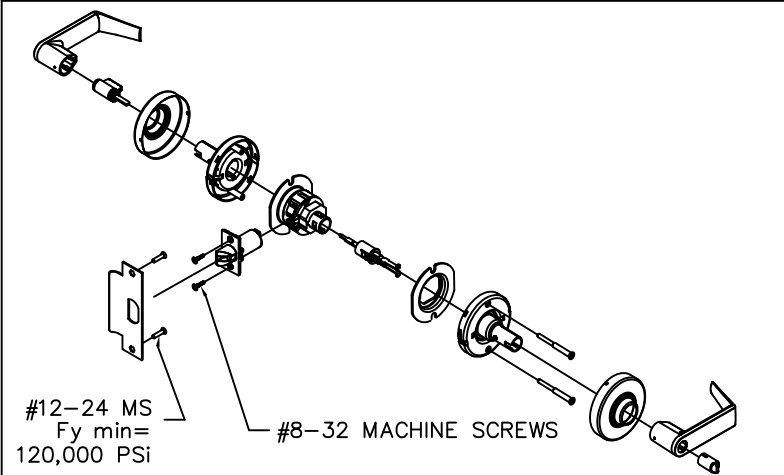
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	HARDWARE OPTIONS FOR GLASS SINGLE DOORS.			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				IRGS07	<div></div>
ENG. APPVL JPD	11/15/07	SCALE:	NTS	AUTOCAD	SHEET 11 of 16





#12-24 MS  
Fy min=  
120,000 PSI

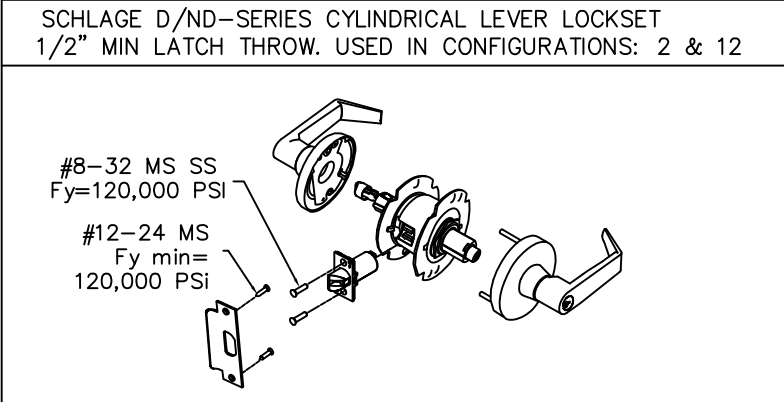
SCHLAGE L/LV 9000 SERIES MORTISE LOCKSET W/O DEADBOLT  
3/4" MIN LATCH THROW. USED IN CONFIGURATIONS: 1 & 11



#12-24 MS  
Fy min=  
120,000 PSI

#8-32 MACHINE SCREWS

SCHLAGE D/ND-SERIES CYLINDRICAL LEVER LOCKSET  
1/2" MIN LATCH THROW. USED IN CONFIGURATIONS: 2 & 12



#8-32 MS SS  
Fy=120,000 PSI

#12-24 MS  
Fy min=  
120,000 PSI

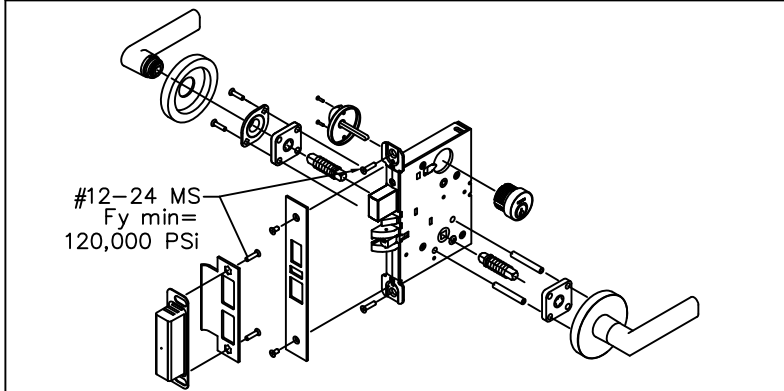
FALCON, T-SERIES CYLINDRICAL LEVER LOCKSET  
1/2" MIN LATCH THROW. USED IN CONFIGURATIONS: 2 & 12

NOTE:  
ELECTRICAL FUNCTIONS/INSTALLATION AND  
FIRE RATINGS ARE NOT PART OF THIS  
APPROVAL, TO BE REVIEWED AND APPROVED  
BY BUILDING OFFICIAL



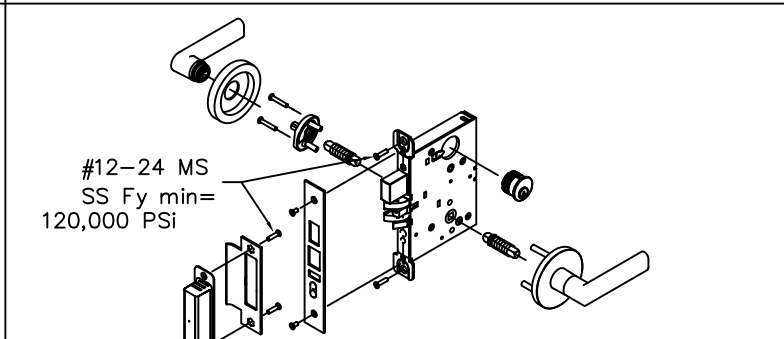
#12-24 MS  
Fy min=  
120,000 PSI

SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET W/ DEADBOLT  
LATCH THROW MIN 3/4", BOLT THROW MIN 1"  
USED IN CONFIGURATIONS: 1 & 11



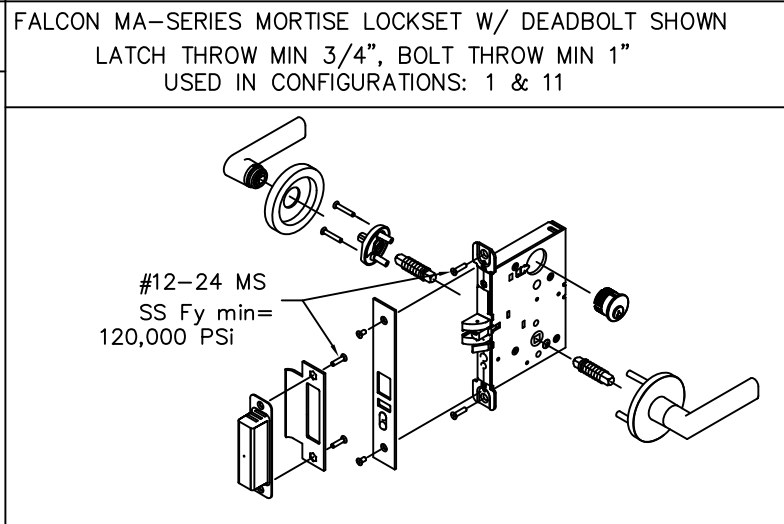
#12-24 MS  
Fy min=  
120,000 PSI

SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET W/ DEADBOLT  
LATCH THROW MIN 3/4", BOLT THROW MIN 1"  
USED IN CONFIGURATIONS: 1 & 11



#12-24 MS  
SS Fy min=  
120,000 PSI

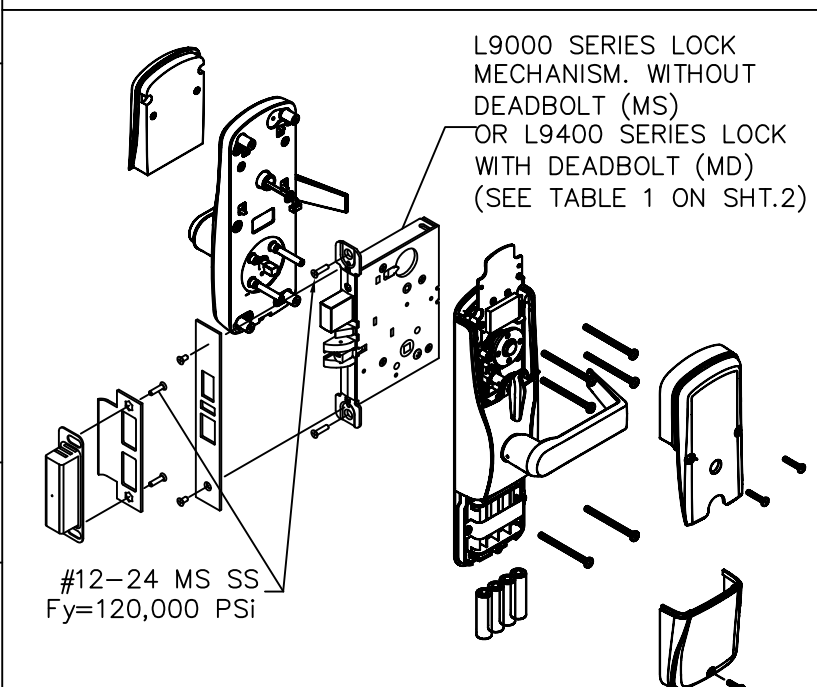
FALCON MA-SERIES MORTISE LOCKSET W/ DEADBOLT SHOWN  
LATCH THROW MIN 3/4", BOLT THROW MIN 1"  
USED IN CONFIGURATIONS: 1 & 11



#12-24 MS  
SS Fy min=  
120,000 PSI

FALCON MA-SERIES MORTISE LOCKSET W/O DEADBOLT SHOWN  
(MIN THROW - 3/4") USED IN CONFIGURATIONS: 1 & 11

R E V I S I O N S			
LTR	DESCRIPTION		DATE
A	APPROVAL	DWG	YMF
D	REVISED	DWG	YMF
E	REVISED	PER_MDBCCO	YMF
F	REVISED	PER_MDBCCO	YMF
G	REVISED	PER_MFR	YMF
H	REVISED	PER_MDBCCO	YMF
J	REVISED	NAME	JPD
K	REVISED	DWG	JPD
M	ENGINEER	CHANGE	LA
N	ADDRESS	UPDATE	SM
O	2020	FBC UPDATE	NUS



L9000 SERIES LOCK  
MECHANISM. WITHOUT  
DEADBOLT (MS)  
OR L9400 SERIES LOCK  
WITH DEADBOLT (MD)  
(SEE TABLE 1 ON SHT.2)

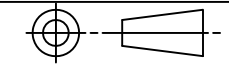
#12-24 MS SS  
Fy=120,000 PSI

SCHLAGE AD/CO MD OR MS SERIES MORTISE LOCKSET  
USED IN CONFIGURATIONS: 1 & 11 (SEE SHT. 1)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17

Expiration Date05/05/2022

By Ismael I. Chanda  
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

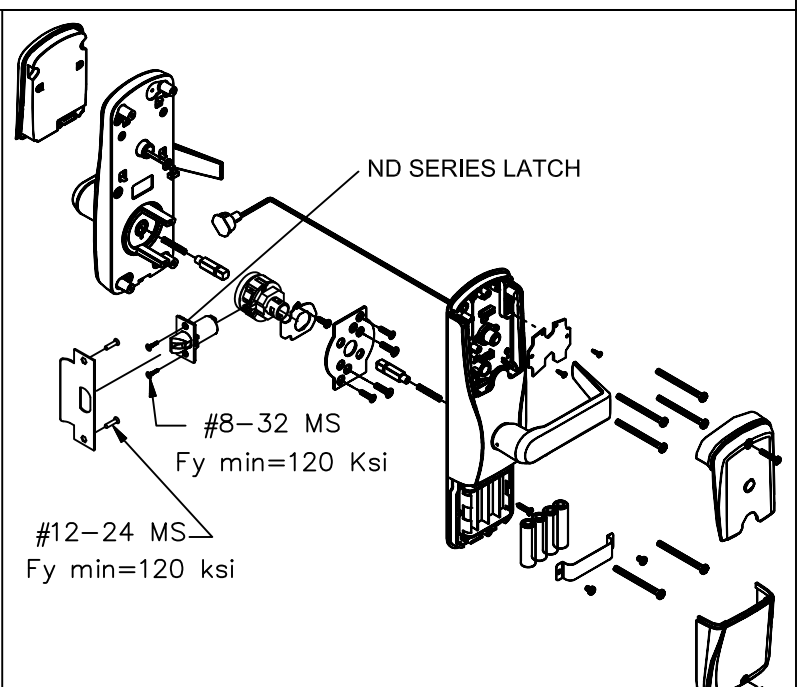
MANUFACTURING FACILITY:  
STEELCRAFT  
9017 BLUE ASH ROAD  
CINCINNATI, OH 45242

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

LOCKSET HARDWARE FOR GLASS SINGLE DOORS

SIZE	FLAT	DWG NO.	IRGS07	REV	0
SCALE:	NTS	AUTOCAD		SHEET	12 of 16

R E V I S I O N S			
LTR	DESCRIPTION		DATE
A	APPROVAL	DWG	YMF
D	REVISED	DWG	YMF
E	REVISED	PER_MDBCCO	YMF
F	REVISED	PER_MDBCCO	YMF
G	REVISED	PER_MFR	YMF
H	REVISED	PER_MDBCCO	YMF
J	REVISED	NAME	JPD
K	REVISED	DWG	JPD
M	ENGINEER	CHANGE	LA
N	ADDRESS	UPDATE	SM
O	2020	FBC UPDATE	NUS



ND SERIES LATCH

#8-32 MS  
Fy min=120 Ksi

#12-24 MS  
Fy min=120 ksi

SCHLAGE AD/CO CY SERIES CYLINDRICAL LOCKSET  
USED IN CONFIGURATIONS: 2 & 12 (SEE SHT.1)



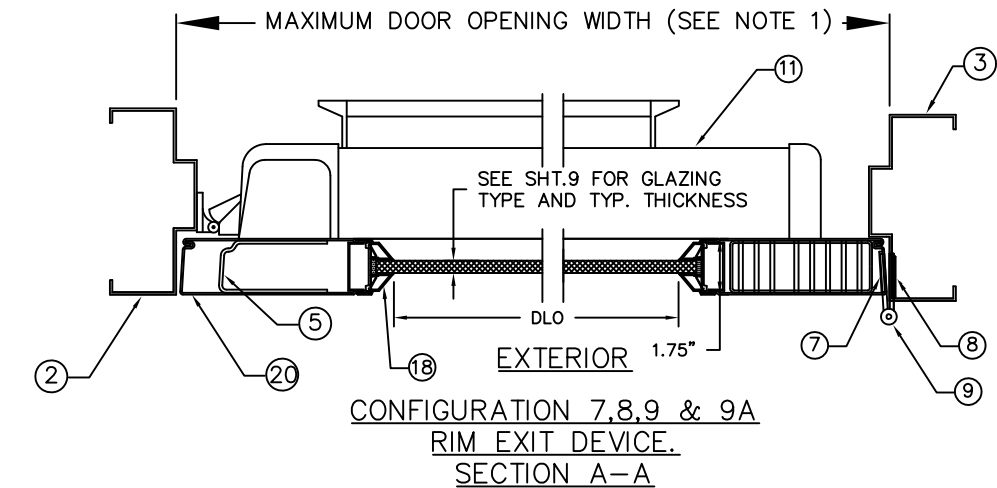
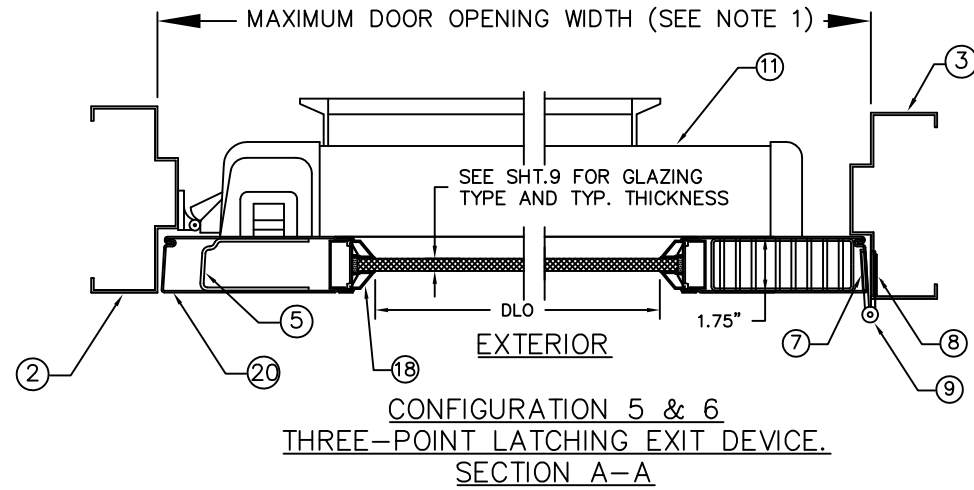
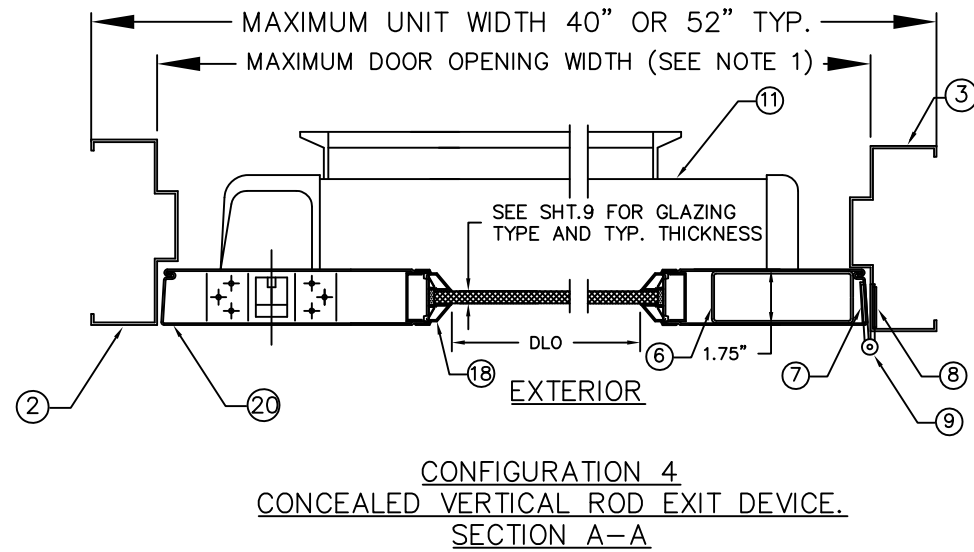
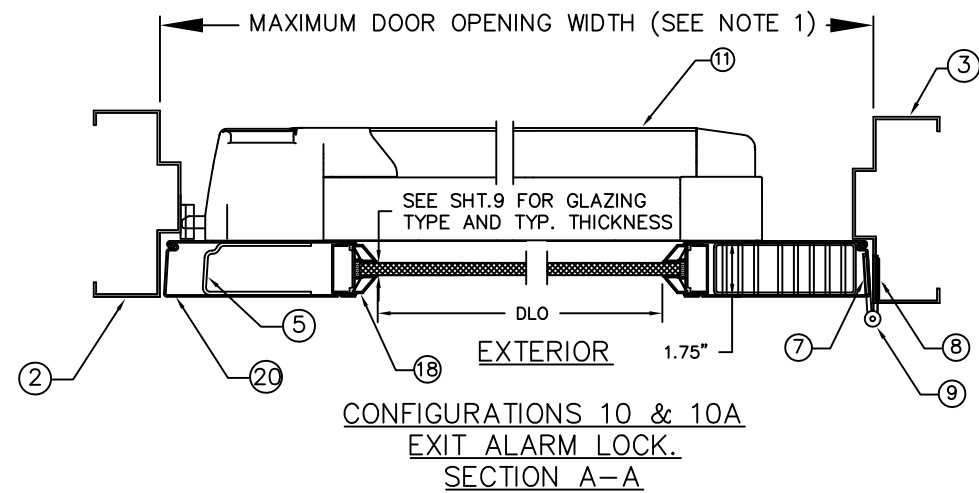
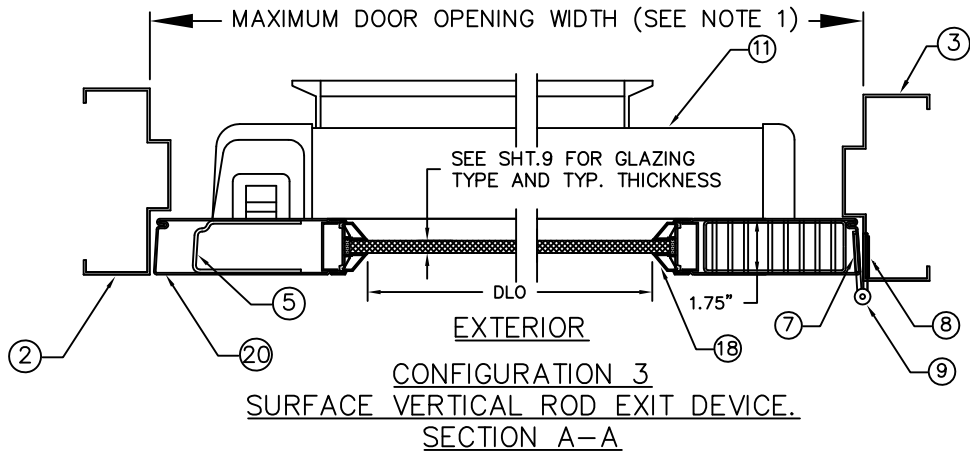
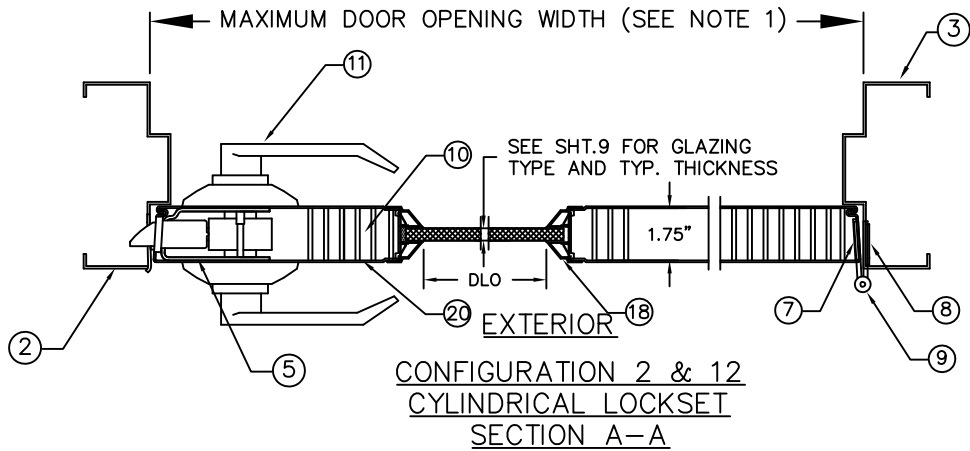
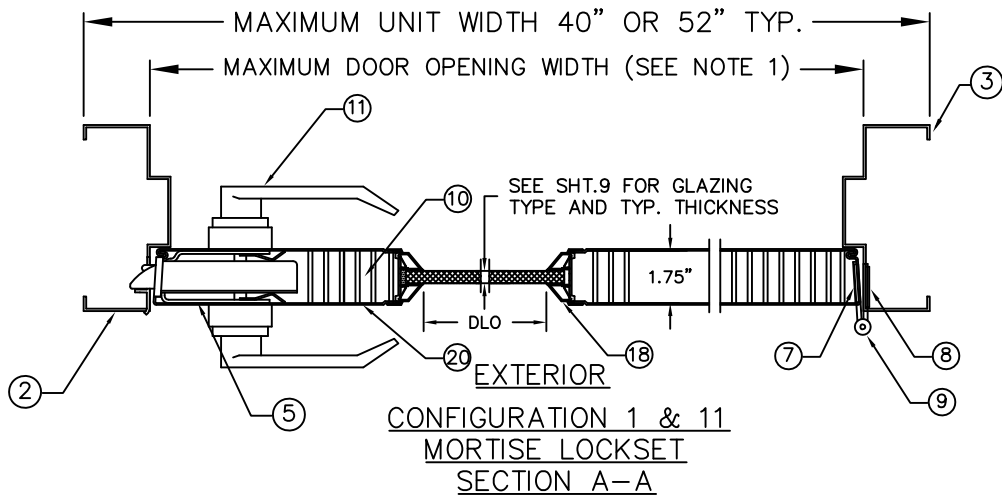
SCHLAGE LOCK COMPANY, LLC  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032

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

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

LOCKSET HARDWARE FOR GLASS SINGLE DOORS

SIZE	FLAT	DWG NO.	IRGS07	REV	0
SCALE:	NTS	AUTOCAD		SHEET	12 of 16

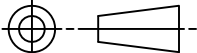


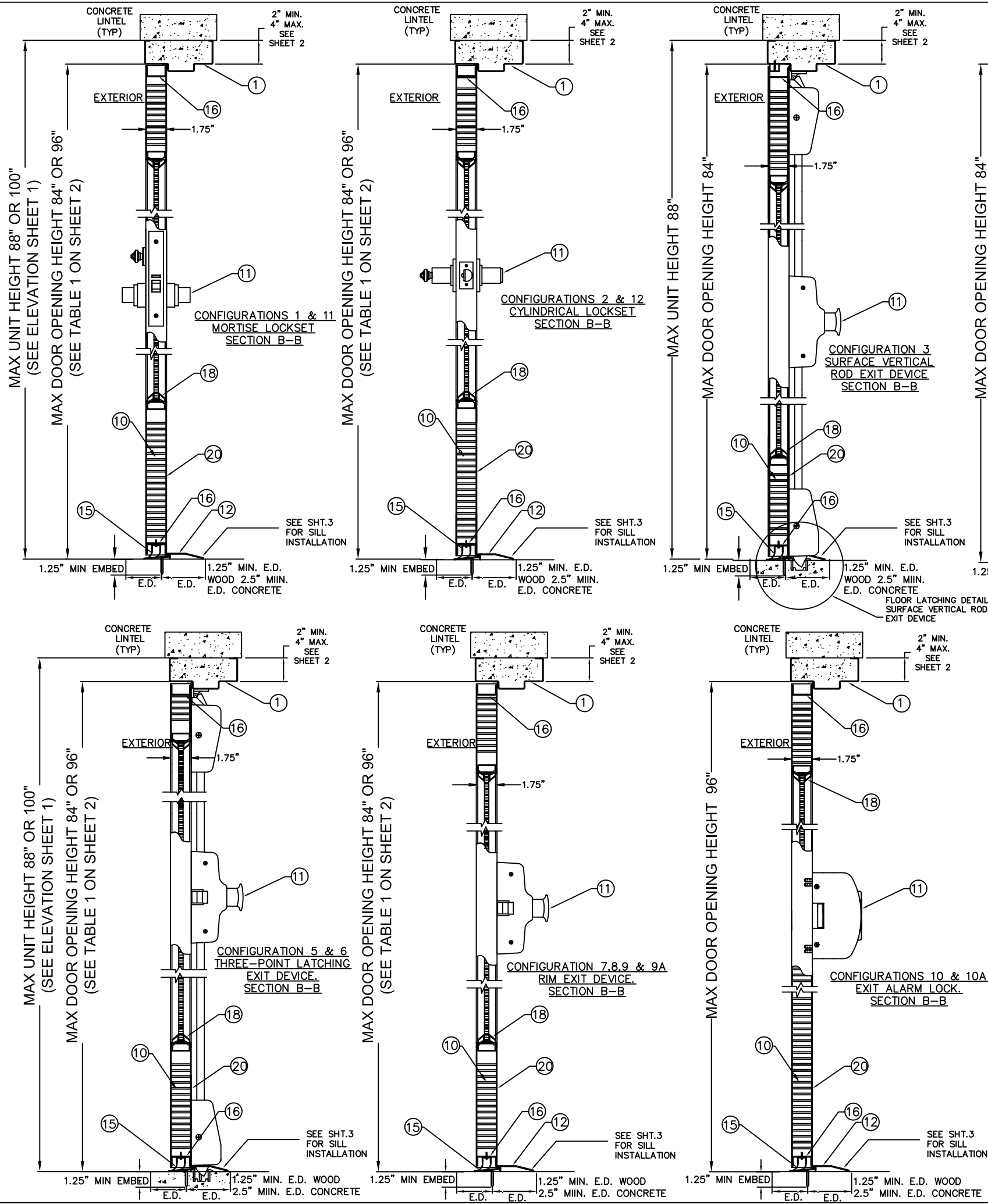
- NOTES:
1. FOR MAXIMUM DOOR OPENING, UNIT WIDTH AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEETS 8 & 9 FOR LIMITATIONS.
  2. SEE SHEET 4 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS

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

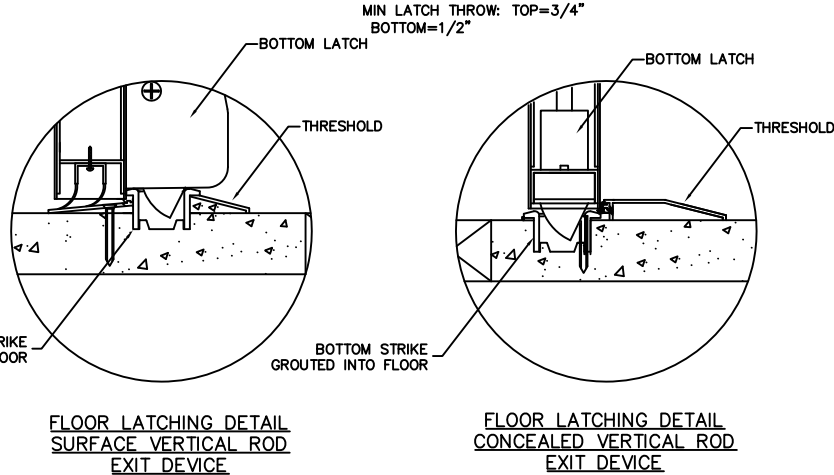
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chank  
Miami-Dade Product Control



BEND RADIUS				SCHLAGE LOCK COMPANY, LLC		MANUFACTURING FACILITY:	
THIRD ANGLE PROJECTION				11819 N. PENNSYLVANIA STREET		STEELCRAFT	
DRAWN		DATE		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
YMF		05/20/07					
CHECKED				HORIZONTAL CROSS SECTIONS FOR GLASS SINGLE DOORS.			
APPROVED				SIZE	FLAT	DWG NO.	REV
						IRGS07	0
ENG. APPVL				SCALE:		SHEET	
JPD		11/15/07		NTS		13 of 16	
				AUTOCAD			

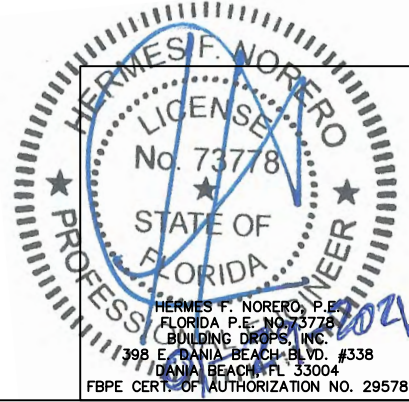


REVISIONS				
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F	REVISED	PER_MDBCCO	YMF	02/05/09
G	REVISED	DWG	YMF	01/05/10
H	REVISED	DWG	YMF	04/09/10
J	REVISED	NAME	JPD	11/01/13
K	REVISED	DWG	JPD	02/01/15
M	ENGINEER	CHANGE	LA	03/14/17
N	ADDRESS	UPDATE	SM	02/27/20
O	2020	FBC UPDATE	NUS	07/06/20



NOTES:  
1. FOR MAXIMUM DOOR OPENING SIZE AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEETS 8 & 9 FOR LIMITATIONS.  
2. SEE SHEET 4 FOR ANCHORS INSTALLATION AND SILL INSTALLATION DETAILS.

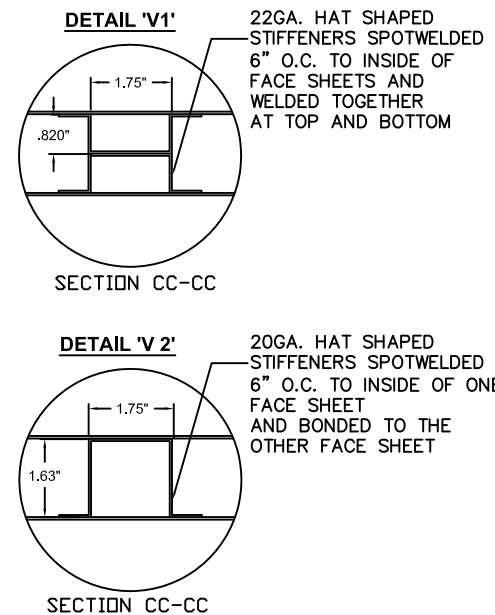
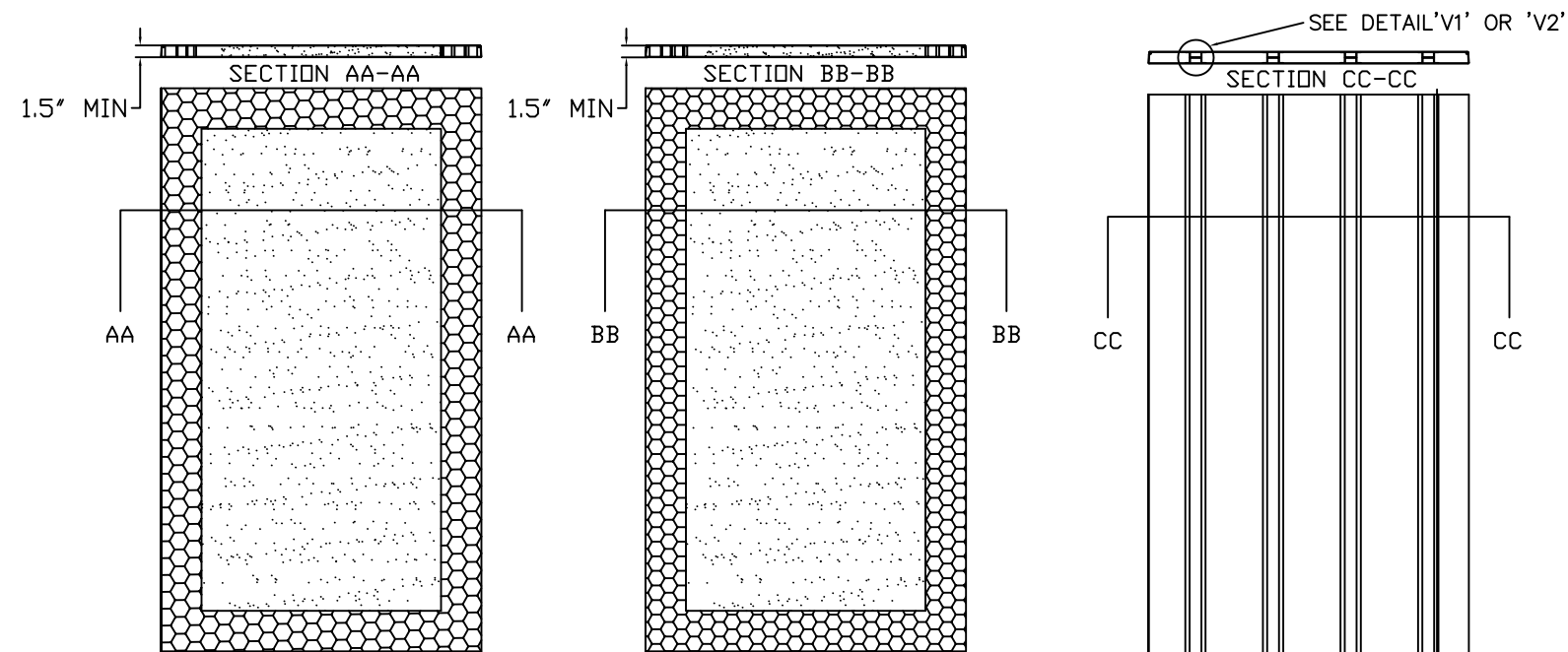
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chande  
Miami-Dade Product Control



BEND RADIUS 		THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/20/07	TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
CHECKED		VERTICAL CROSS SECTIONS FOR GLASS SINGLE DOORS.	
APPROVED		SIZE FLAT	DWG NO. IRGS07
ENG. APPVL JPD	11/15/07	SCALE: NTS	AUTOCAD
		SHEET 14 of 16	REV 0

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

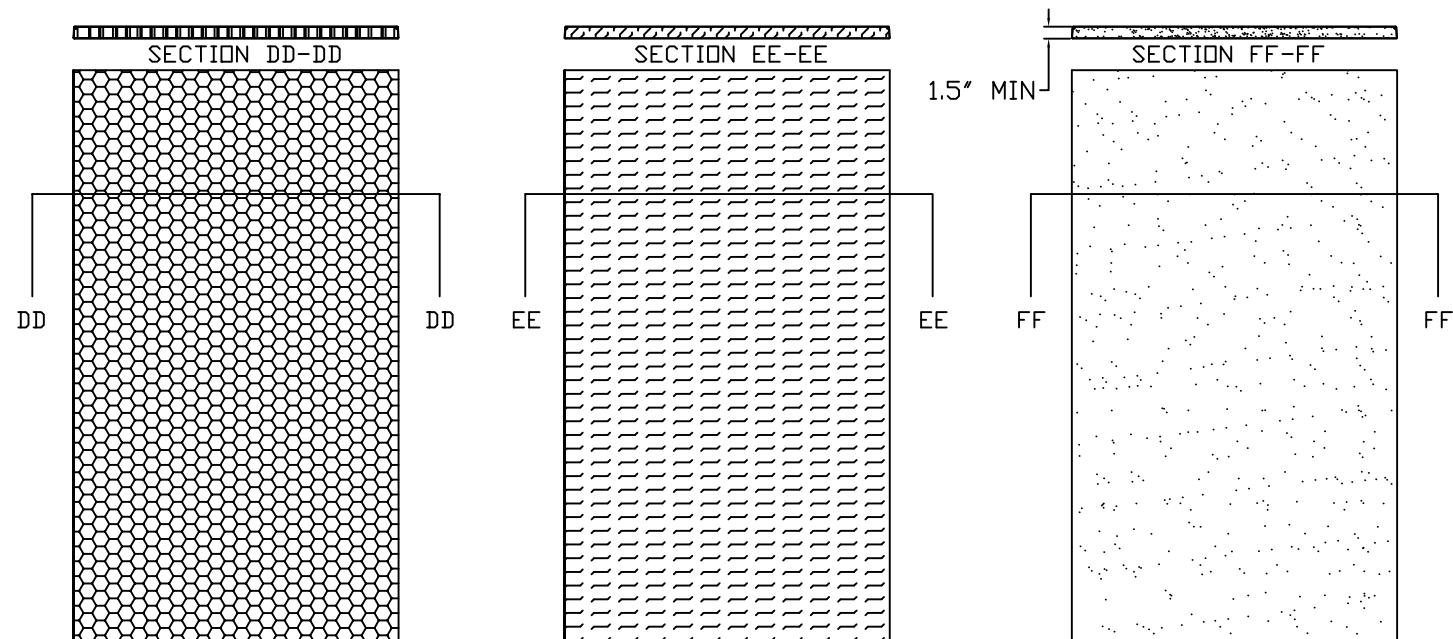




(A) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS DENSITY: 1.0 LBS/FT<sup>3</sup>

(B) POLYISOCYANURATE (POLYURETHANE) BY ELLIOT CO. OF INDIANAPOLIS, IN DENSITY: 2 LBS/FT<sup>3</sup>

(C) STEEL STIFFENED HAT SHAPED SECTIONS



(D) HONEYCOMB KRAFT PAPER.

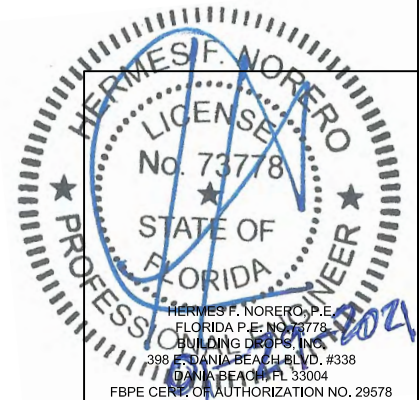
(E) TEMPERATURE RISE CORE MINERAL FIBER BOARD DENSITY: 17±1.5 LBS/FT<sup>3</sup> PYROPHIBIC SYSTEMS LTD PYROPHOBIC PSL P25C-60 CORE OR MARSHFIELD DOOR SYSTEMS CALCIUM SILICATE MINERAL CORE

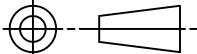
(F) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS DENSITY: 1.0 LB/FT<sup>3</sup> OR POLYISOCYANURATE (POLYURETHANE) BY ELLIOT CO. OF INDIANAPOLIS, IN DENSITY: 2 LBS/FT<sup>3</sup>

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishag I. Chande  
Miami-Dade Product Control

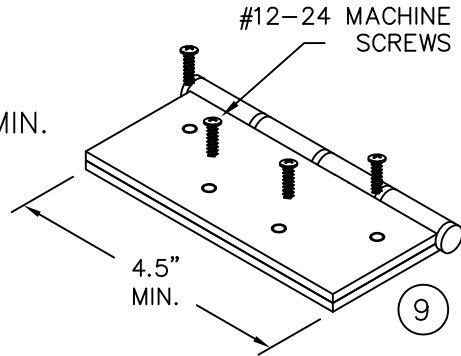
NOTES:  
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

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	
M	ENGINEER CHANGE	LA	03/14/17	
N	ADDRESS UPDATE	SM	02/27/20	
□	2020 FBC UPDATE	NUS	07/06/20	

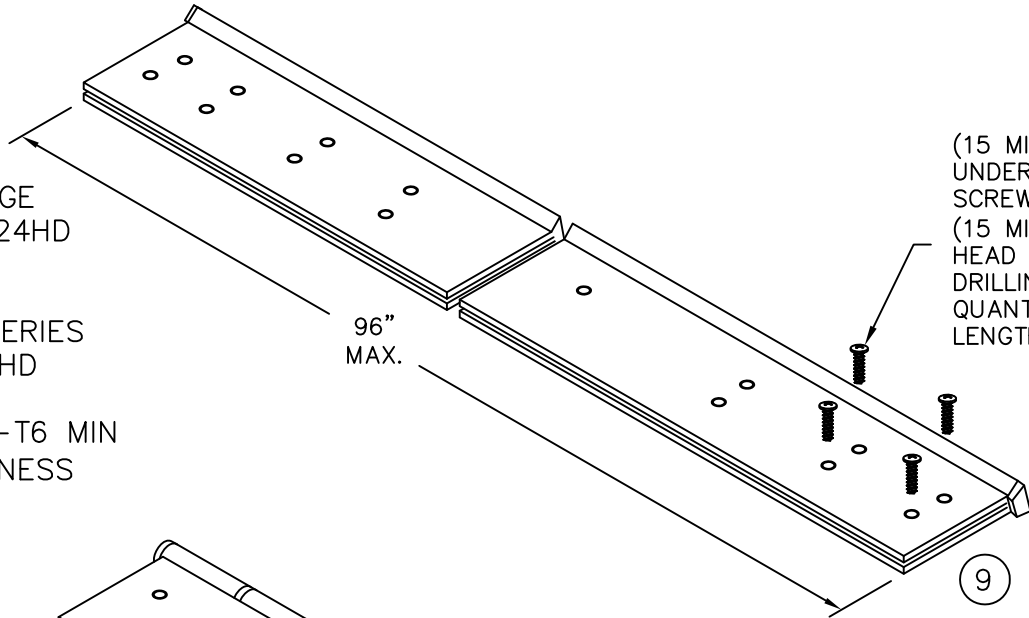


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
						
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES				
DRAWN JPD		DATE 02/03/14				
CHECKED		DOOR CORE OPTIONS				
APPROVED		SIZE	FLAT	DWG NO.	IRGS07	REV <div></div>
ENG. APPVL		SCALE:	NTS	AUTOCAD		SHEET 15 of 16

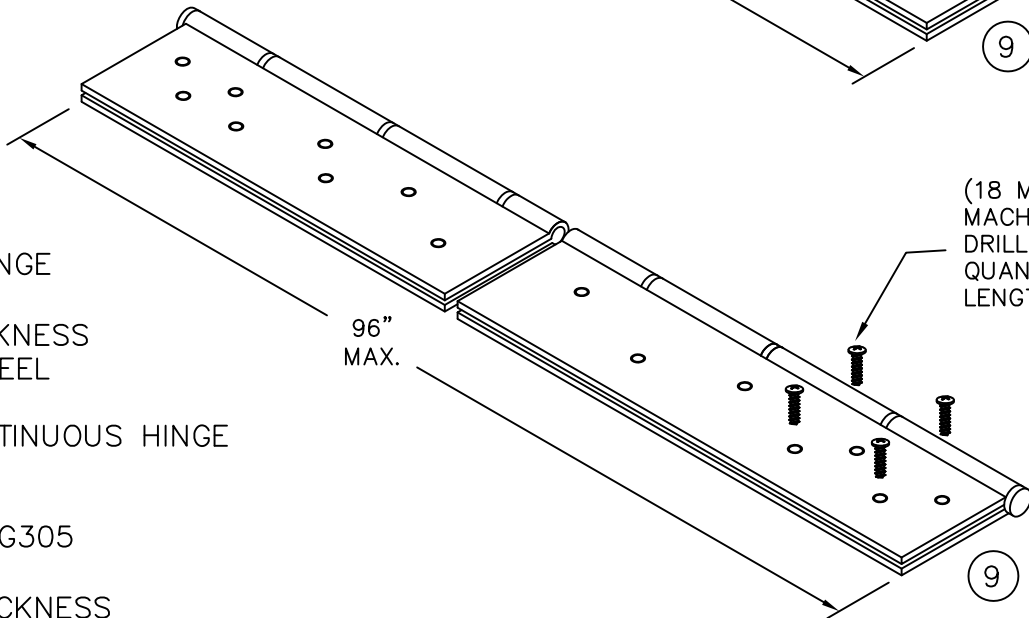
STEEL BUTT HINGE  
IVES 5BB1/3CB1  
STANLEY FBB179/1900  
HAGER BB1279  
4.5" X 4.5" STD. WT. MIN.  
.134" MIN. THICKNESS  
Fy MIN. = 36ksi



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

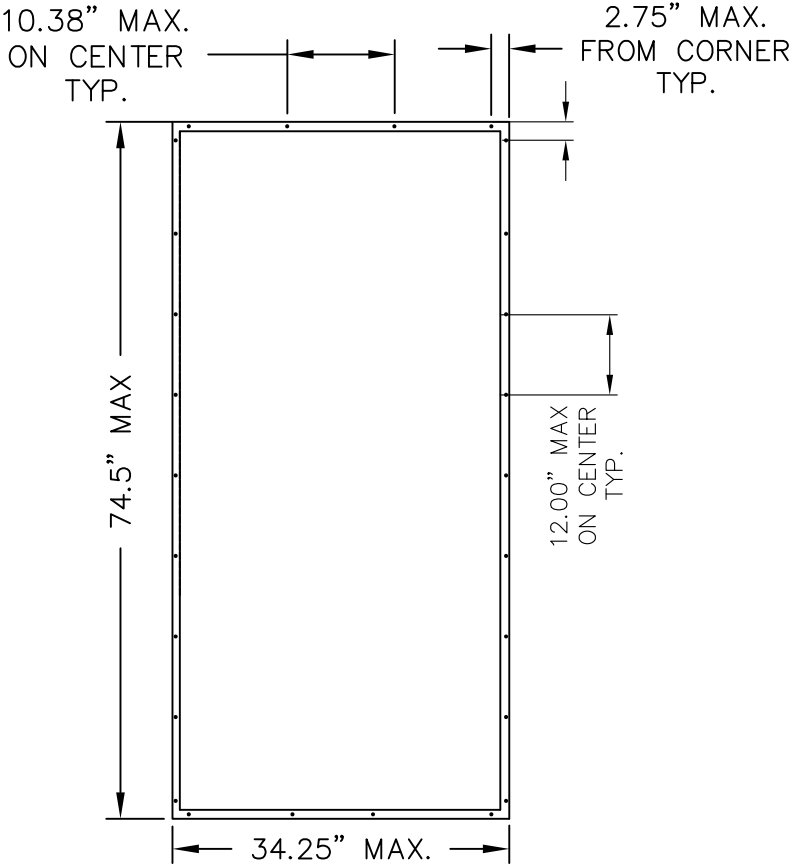


(18 MIN.) #10-24X 1/2" MIN.  
MACHINE SCREW OR SELF  
DRILLING EACH HINGE LEAF  
QUANTITY VARIES PER HINGE  
LENGTH

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

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

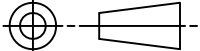
R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWGS.		11/01/13	
B	REVISED DWGS.		02/01/15	
N	ADDRESS	UPDATE	SM	02/27/20
O	2020 FBC UPDATE	NUS	07/06/20	



ANEMOSTAT SG-10 HIGH  
SECURITY METAL VISION FRAME  
SEE SHEET 9 AND GLAZING  
DETAIL F AND ITEM 18-4  
(TABLE 2) SHEET 3



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1005.17  
Expiration Date 05/05/2022  
By Ishaq 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		TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN JPD	DATE 02/03/14	HINGE OPTIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. IRGS07	REV O
ENG. APPVL		SCALE: NTS	AUTOCAD		SHT 16 OF 16