



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 Single Flush Outswing Commercial Steel Door w/wo Panic Exit-LMI

APPROVAL DOCUMENT: Drawing No **IRFS07 Rev P**, titled "Steelcraft H series Single Flush outswing", sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 and last revised on 07/18/2022, 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 sheets **1 & 2** for Design Pressures, Sizes and Hardware. See sheets **5** and **6** for door sizes VS threshold types, brand and water infiltration limitations. Lower design Pressure shall control the entire assembly.
2. Use of Ives viewers (model U696/U698) is limited to +/-75 PSF.
3. The top strike plates **338** and **4188** can be used w/wo roller option for Concealed Rod Panic devices (CVR) shown in sheet **9**.
4. Electrical/Electronic functions and Fire ratings are **not** part of this approval, such functions to be reviewed and approved by AHJ.

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 #20-1005.18** 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. 22-0427.01
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 **IRFS07 Rev L**, titled "Steelcraft H series Single Flush outswing", sheets 1 through 15 of 15, prepared by the manufacturer, dated 05-20-07 and last revised on 08/11/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #15-0826.23/#13-1217.16/#12-0305.14/ #10-0209.07/#07-0829.04)

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.

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.

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.

2. 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

3. Test report on (submitted under file # 07-0829.04)

- 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. (this report has addendum letter dated Feb 20, 2009, signed and sealed by Ramesh Patel, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- C. CALCULATIONS:** (Submitted under file # **15-0826.23**)
1. Anchor verification calculation complying w/ FBC 2014(5th 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. 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.
 2. Material composition & Flammability properties and Material Safety Data sheet of Calcium Silicate mineral block, issued by Marshfield Door Sys, Inc., Marshfield. WI 54449.
 3. 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.
 4. 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.
 5. 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.
 6. 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.
 7. 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 #**13-1217.16**/ #**10-0209.09**
1. Letter of conformance to **FBC 2014** and “No financial interest”, dated 09/23/15, 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. Laboratory Compliance Statements issued as part of above test reports.
 7. 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.
 8. 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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. This NOA **renews NOA #15-0826.23**, 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 consolidated NOA(s) associated with this file are NOA(s) #1029.07, 07-829.04, 020712.01, 02-0712.03, 03-0908.03, 04-0303.03 and 05-0103.01.
6. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).

2. Previous evidence submitted under file #17-0326.06.

A. DRAWINGS

1. Drawing No **IRFS07 Rev M**, titled "Steelcraft H series Single Flush outswing", sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 and last revised on 03/29/18, signed and sealed by Hermes F. Norero, P.E.

B. TESTS

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

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

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

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 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 02/12/2018, 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. None.

F. STATEMENTS: (items # 2 thru 6, submitted under file # 17-1026.24)

1. 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.
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. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS: (continue)

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 dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
7. 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.
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.

G. OTHER

1. This NOA **revises & renews NOA #17-0326.06**, expiring on 05/05/23.
2. Test proposals # **14-0252**, **-0254**, **#14-1086**, **#14-0254-R1** and **#12-0797R** approved by RER.
3. Consolidation Test proposal # **06-2468**, dated 04/27/07 approved by BCCO.
4. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).

3. Evidence submitted in previous NOA

A. DRAWINGS

1. Drawing No **IRFS07 Rev M**, titled "Steelcraft H series Single Flush outswing", sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 and last revised on 03/29/18, 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). *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS (submitted under file # 17-0426.02)

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 # 17-0426.02, expiring 05/05/23.
2. Optional CVR top strikes #338 w/wo Roller (see below)



4. Evidence submitted previous approval

A. DRAWINGS

1. Drawing No **IRFS07 Rev N**, titled "Steelcraft H series Single Flush outswing", sheets 1 through 14 of 14, 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 file # 19-1016.03)

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

G. OTHER

1. This NOA revises NOA # 19-1016.03, expiring 05/05/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
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 **IRFS07 Rev O**, titled “Steelcraft H series Single Flush outswing”, sheets 1 through 14 of 14, 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. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)** and of no financial interest, dated 09/02/20, issued by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
2. Statement letter dated 09/02/20 issued by Allegion in reference to DWG. revision changes, signed by Donlan James, code compliance Engineer.

G. OTHER

1. This NOA revises **NOA # 20-0310.08**, expiring 05/05/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. New Evidence submitted

A. DRAWINGS

1. Drawing No **IRFS07 Rev P**, titled “Steelcraft H series Single Flush outswing”, sheets 1 through 14 of 14, 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

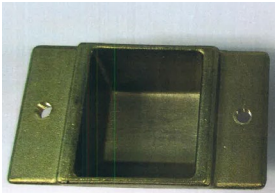
1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)** and of no financial interest, dated 05-05-2022, issued by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

G. OTHER

1. This NOA **revises & renews NOA # 20-1005.18**, expiring 05/05/28.
2. CVR Falcon 4188 (top strike) options w/wo Roller



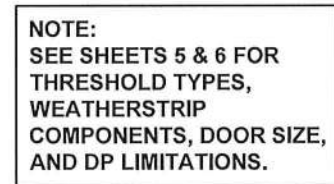
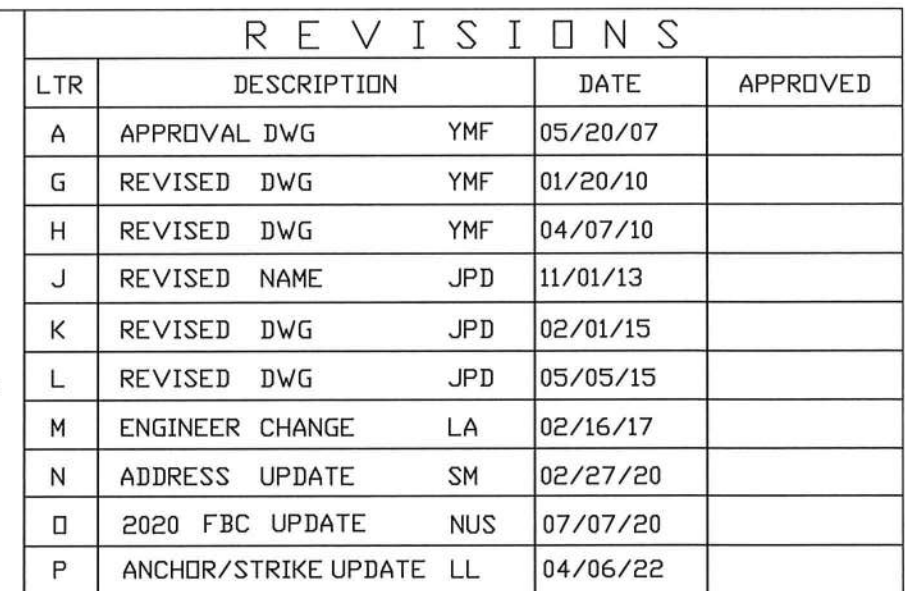
4188 Top strike without Roller

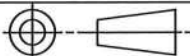


4188 Top strike with Roller

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 22-0427.01
Expiration Date: May 05, 2028
Approval Date: August 04, 2022



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 FLUSH OUTSWING COMMERCIAL STEEL DOORS			
DRAWN	DATE	WITH AND WITHOUT PANIC EXIT DEVICES			
YMF	05/20/07	MIAMI-DADE COUNTY PRODUCT APPROVAL FLUSH OUTSWING DOORS AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING SINGLE FLUSH DOORS.			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				IRFS07	P
ENG. APPVL		SCALE	NTS	AUTOCAD	SHEET 1 of 14
JPD	10/11/07				

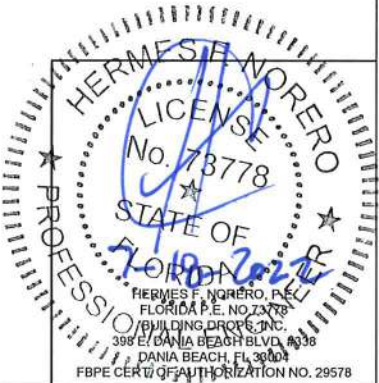
Door Configuration	Maximum Design Pressure, PSF		Maximum Door Opening Size, in.		Locking Hardware Description				Comments
	Positive	Negative	Width	Height	Hardware Family	Model/Series	Strike Models	Brand	
1	75	75	48	96	Mortise Lock	L/LV9400/AD/CO MD	10-072	Schlage	Functions with deadbolt, 3/4" min. throw latch & 1" min. throw deadbolt
	75	75	48	96	Mortise Lock	MA	ANSI	Falcon	
2	55	55	48	96	Cylindrical Lock	AL	10-025	Schlage	1/2" throw latch
3	65	65	48	96	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	1/2" throw latch
4	75	75	48	96	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	3/4" throw latch
	75	75	48	96	Cylindrical Lock	T	ANSI	Falcon	3/4" throw latch
5	70	70	48	96	Surface Vertical Rod Exit Device	9827, 9927, 9827-F, 9927-F	299F/499F Top, 304L Bottom	Von Duprin	
	70	70	48	96	Surface Vertical Rod Exit Device	25-V, F-25-V	3788 Top, 2130 Bottom	Falcon	
6	70	70	48	96	Concealed Vertical Rod Exit Device	9847-F, 9947-F, HH9847, HH9947	338 Top, 304L Bottom	Von Duprin	HH98/9947 devices have a 2-3/4" backset
	70	70	48	96	Concealed Vertical Rod Exit Device	F-25-C	4188 Top, 2130 Bottom	Falcon	4188 for use with or without roller
7	70	70	48	96	Three-Point Latching Device	9857, 9957, 9857-F, 9957-F	299F/499F Top/Middle, 304L Bottom	Von Duprin	
8	70	70	48	96	Rim Exit Device	98, 99, 98-F, 99-F	299F/499F	Von Duprin	
	70	70	48	96	Rim Exit Device	88-F	268,468	Von Duprin	
9	75/100 SEE NOTE 2.	75/100 SEE NOTE 2.	48	96	Rim Exit Device	XP98, XP99, XP98-F, XP99-F	909/954	Von Duprin	
10	70	70	48	96	Mortise Exit Device	9875, 9975, 9875-F, 9975-F	575	Von Duprin	
	70	70	48	96	Mortise Exit Device	8875, 8875-F	575	Von Duprin	
	70	70	48	96	Mortise Exit Device	25-M, F-25-M	1279	Falcon	
11	55	55	48	96	Exit Alarm Lock	2670 GUARD-X	267	Von Duprin	
12	60	60	48	96	Cyl. Deadlock	B600/700/800	10-055	Schlage	1" min. throw deadbolt
13	70	55	48	96	Rim Exit Device	25-R, F-25-R	299F/499F	Falcon	
14	60	60	48	96	Mortise Lock	L/LV9000/AD/CO MS	10-072	Schlage	Functions without deadbolt, 3/4" min. throw latch
15	75	75	36	84	Mortise Lock	L/LV9000/AD/CO MS	10-072	Schlage	Functions without deadbolt, 3/4" min. throw latch
	75	75	36	84	Mortise Lock	MA	ANSI	Falcon	
16	75	75	36	84	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	1/2" throw latch
	75	75	36	84	Cylindrical Lock	T	ANSI	Falcon	

TABLE 1.

- NOTES:**
1. SEE SHEETS 8, 9 & 10 FOR LOCKING HARDWARE.
2. DOOR CONFIGURATION 9 IS RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD 11A OR FOR DOOR OPENINGS UP TO 3'-0"X7'-0" WITH NGP THRESHOLD 11B AND ±50 PSF FOR DOOR OPENINGS UP TO 4'-0"X8'-0" WITH NGP THRESHOLD 11B WHEN WATER IN FILTRATION REQUIREMENT IS NEEDED. SEE SHEET 5.
- 2.1 DOOR CONFIGURATION 9 IS RATED FOR A MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD OPTIONS AND UP TO ±100 PSF WITH THE NGP THRESHOLD OPTIONS WHEN WATER INFILTRATION REQUIREMENT IS NOT NEEDED. SEE SHEET 6
3. SCHLAGE AL-SERIES CYLINDRICAL LOCK, DOOR CONFIGURATION 2, IS LIMITED TO ±55 PSF MAXIMUM DESIGN PRESSURE

R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL	DWG YMF	05/20/07	
B	REVISED	DWG RAP	10/11/07	
C	REVISED	DWG RAP	12/10/07	
D	REVISED	DWG YMF	01/04/08	
E	REVISED	DWG YMF	03/31/08	
F	REVISED	DWG YMF	06/02/08	
G	REVISED	DWG YMF	03/03/09	
H	REVISED	DWG YMF	04/07/10	
J	REVISED	NAME JPD	11/01/13	
J	REVISED	NAME JPD	11/01/13	
M	ENGINEER	CHANGE LA	02/16/17	
N	ADDRESS	CHANGE JPD	01/10/20	
O	2020 FBC	UPDATE NUS	07/07/20	
P	STRIKE	UPDATE LL	04/06/22	

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
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	
		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
THIRD ANGLE PROJECTION		MIAMI-DADE COUNTY PRODUCT APPROVAL FLUSH OUTSWING DOORS AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING SINGLE FLUSH DOORS.			
DRAWN YMF	DATE 05/20/07	SIZE	FLAT	DWG NO. IRFS07	REV P
CHECKED		SCALE: NTS AUTOCAD		SHEET 2 of 14	
APPROVED					
ENG. APPVL JPD	10/11/07				

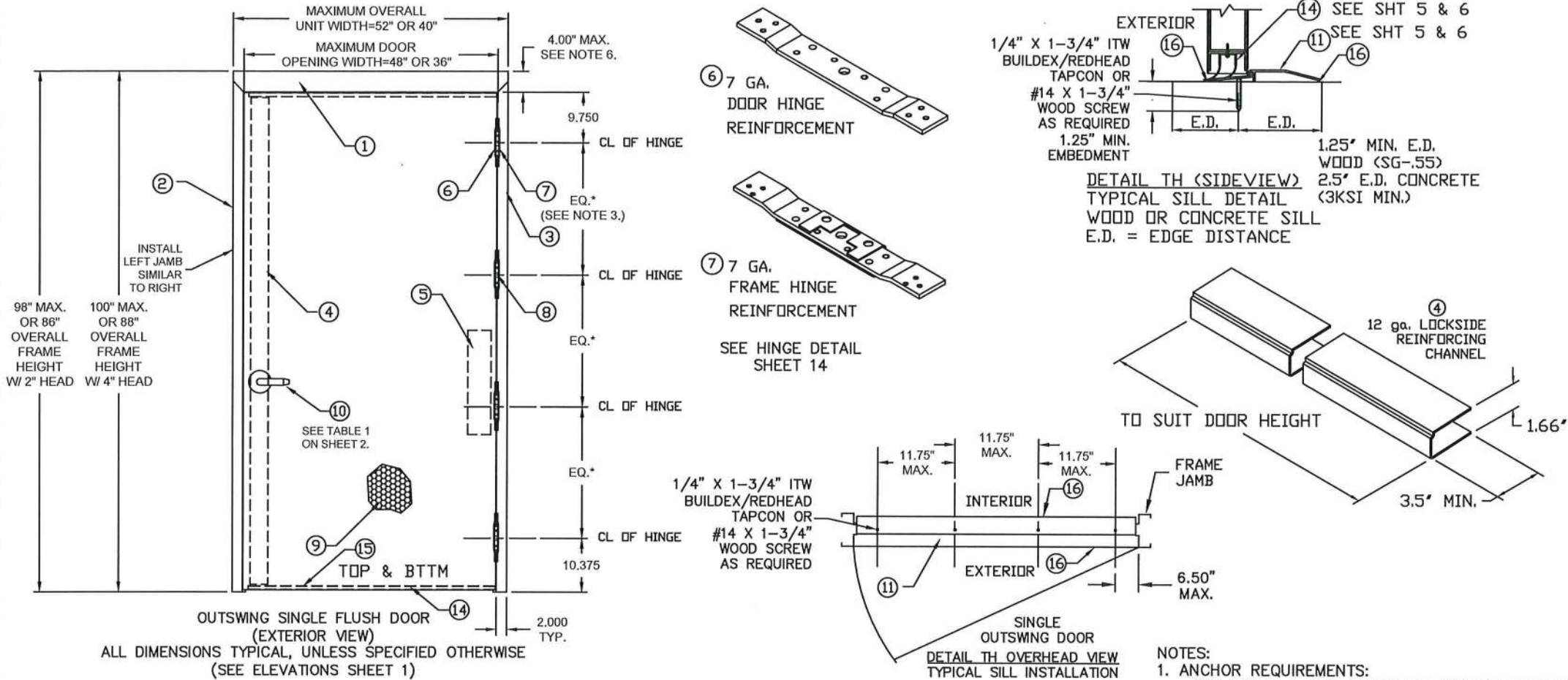


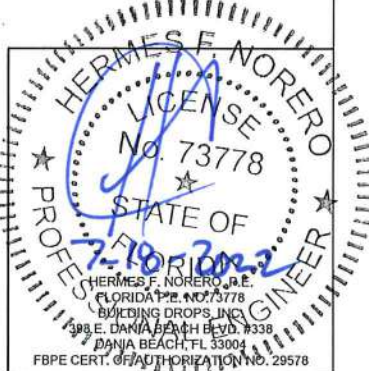
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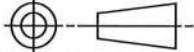
	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 7 ASTM A366	.053" MIN. STL	MAX. 52"
2	1	STRIKE JAMB SEE SHT. 7 ASTM A366	.053" MIN. STL	MAX. 100"
3	1	HINGE JAMB SEE SHT 7 ASTM A366	.053" MIN. STL	MAX. 100"
4	1	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5 X 93.44 MAX
5	1	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
6	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.167" MIN. STL.	1.23" X 9.19" MIN.
7	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.167" MIN. STL.	1.5" X 9.187" MIN.
8	NOTE 3.	4.5' X 4.5' BUTT HINGES	.134" MIN. STL.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE	.075" MIN. STL/.110 ALUM	MAX. 95"
9	1	CORE MATERIAL (SHT. 13) D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE B/F) POLYURETHANE/POLYISOCYANURATE		
10	1	LOCKING HARDWARE - SEE SHEET 2, TABLE 1		
11	1	THRESHOLD SILL W/BUMPER GASKET		
		11A) 566 ZERO SEE SHT. 5 WATER RATED & 6 NON-WATER	.125" ALUM. 6063 T5	5.0"X0.5"X48"MAX.
		11B) 950 NGP SEE SHT. 5 WATER RATED & 6 NON-WATER	.078" ALUM. 6063 T5	
		11C) 65 ZERO SEE SHT. 6 NON-WATER RATED	.125" ALUM. 6063 T5	
		11D) 568 ZERO SEE SHT. 6 NON-WATER RATED	.125" ALUM. 6063 T5	6.0"X0.5"X48"MAX.
12	NOTE 2.	JAMB ANCHOR ASTM A924	SEE SHEET 4	
13	SEE SHEET 6	13A) PS074 DOOR SEAL STEELCRAFT	TPE	MAX. 20'
		13B)188S, 13C)117S, 13D)8144S, 13E)8150S DOOR SEAL ZERO	SILICONE	
14	1	FAS-SEAL DOOR SWEEP SEE SHEETS 5 & 6	TPE	MAX. 48"
15	2	END CHANNEL ASTM A924 (14 GA - INVERTED)	.067" MIN. STEEL	.69" X 1.66" X 48" MAX.
16	AS NEEDED	CAULK - BUTYL RUBBER OR 100% SILICONE	SEE SHEETS 5 & 6	
17	1	DOOR SLAB (16 OR 14 GA)	SEE SHEET 7	4' X 8' MAX.
18	1	18A) 188S DOOR SEAL BY ZERO INT'L	SILICONE SEE SHEET 5	MAX. 20'
		18B) PS074 DOOR SEAL BY STEELCRAFT	TPE SEE SHEET 5	
19	2	202N DOOR SEAL BY NGP	TPE SEE SHEET 5	MAX. 96"
20	1	20A) 139 DOOR SWEEP BY ZERO INT'L	SEE SHEET 5	MAX. 48"
		20B) 328 DOOR SWEEP BY ZERO INT'L		
		20C) 200N DOOR SWEEP BY NGP		
21	3	21A) 475 ADJUSTABLE SEAL BY ZERO INT'L	TPE SEE SHEET 5	MAX. 96"
	1	21B) 170N ADJUSTABLE SEAL BY NGP		
22	1	22A) 142 RAIN DRIP BY ZERO INT'L	SEE SHEET 5	MAX. 52"
		22B) 11 RAIN DRIP BY ZERO INT'L		
		22C) 16A RAIN DRIP BY NGP		
23	1	TOP CAP GALV. A60 ASTM A924	.020" MIN. STL	0.5" X 1.76" X 48" MAX.
24	1	IVES 698/U698 DOOR VIEWER	BRASS	

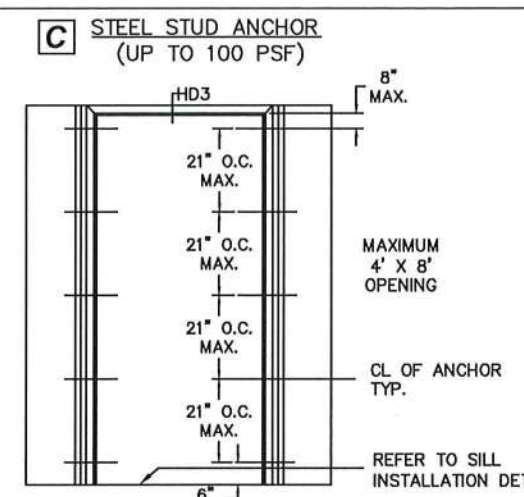
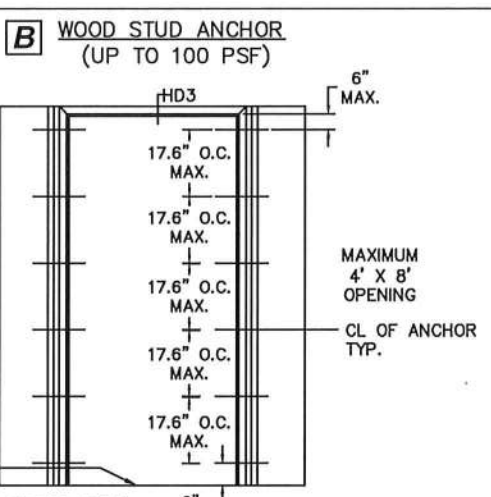
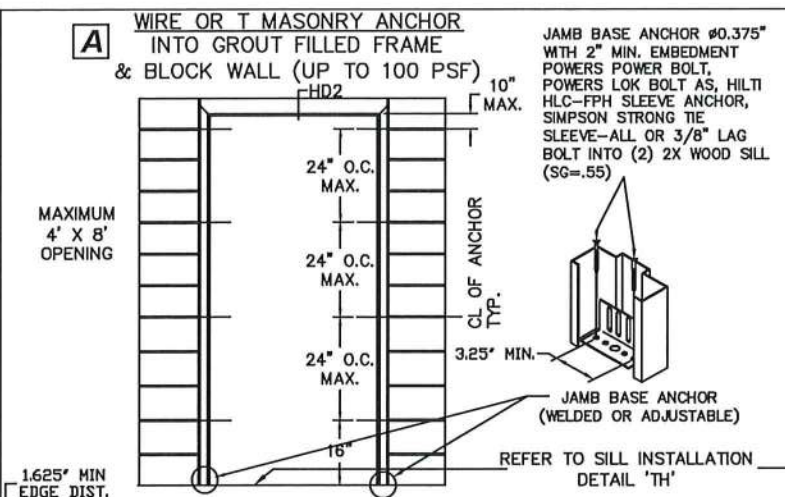
R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
C	REVISED	DWGS. RAP	12/10/07	
E	REVISED	DWGS. YMF	03/24/08	
F	REVISED	DWGS. YMF	06/02/08	
G	REVISED	DWGS. YMF	03/03/09	
H	REVISED	DWGS. YMF	04/07/10	
J	REVISED	NAME JPD	11/01/13	
K	REVISED	DWG JPD	02/01/15	
L	REVISED	DWG JPD	02/01/15	
M	ENGINEER	CHANGE LA	02/16/17	
N	ADDRESS	UPDATE SM	02/27/20	
O	2020 FBC	UPDATE NUS	07/07/20	
P	STRIKE	UPDATE LL	04/06/22	

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishaq I. Chande
Miami-Dade Product Control

- NOTES:
1. ANCHOR REQUIREMENTS:
SEE SHEET 4 FOR APPROVED ANCHORS AND INSTALLATION.
 2. 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 14 FOR APPROVED CONTINUOUS HINGE MODELS
 3. SEE SHEETS 1, 2 & 3 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 4. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
 5. 4" FACE FRAME HEAD IS AVAILABLE. SEE SHEET 4
 6. APPLY CAULK TO FULL LENGTH OF SILL AND ENTIRE PERIMETER OF FRAME. SEE SHEETS 5 & 6
 7. 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)
 8. SEE SHEET 11 FOR HORIZONTAL CROSS SECTION A-A, SEE SHEET 12 FOR VERTICAL CROSS SECTION B-B.
 9. TYPICAL SILL INSTALLATION SHALL BE ANCHORED PER OVERHEAD AND SIDEVIEW VIEW TH DETAILS ON THIS SHEET.
 10. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
 11. OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTAL MAGNETIC LOCKS MAY BE USED AS ALLOWED BY CODE AND IT DOES NOT EFFECT THE MECHANICAL PROPERTIES OF EXIT DEVICE OR LOCK AND/OR INHIBIT EGRESS; TO BE REVIEWED BY THE BUILDING OFFICIAL.

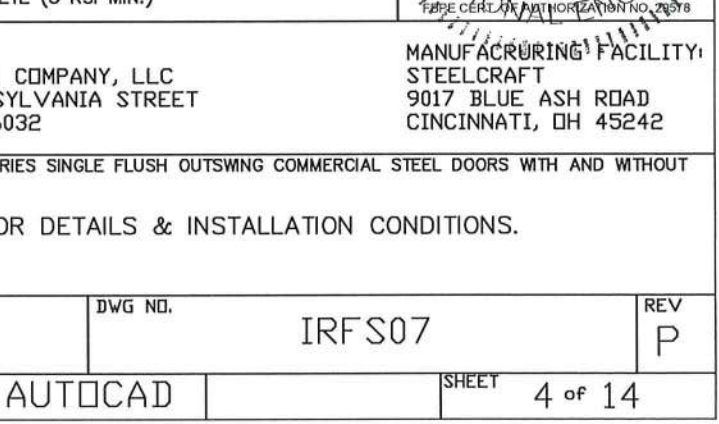
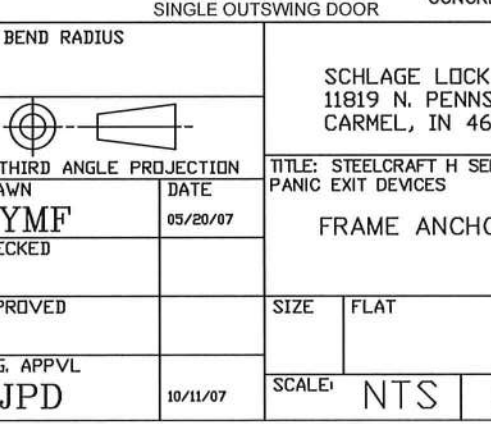
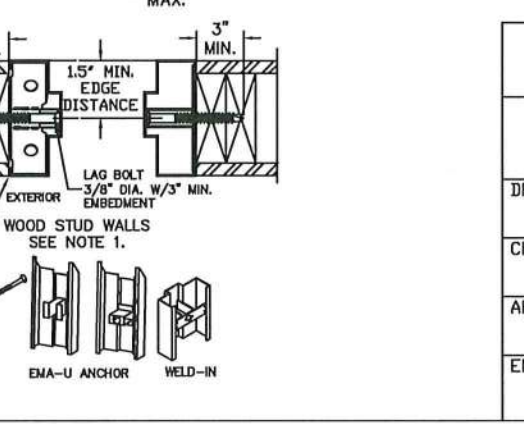
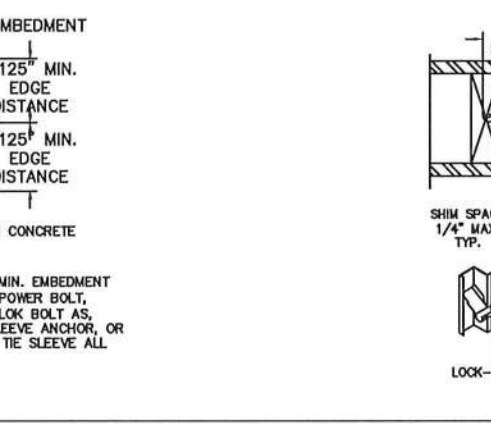
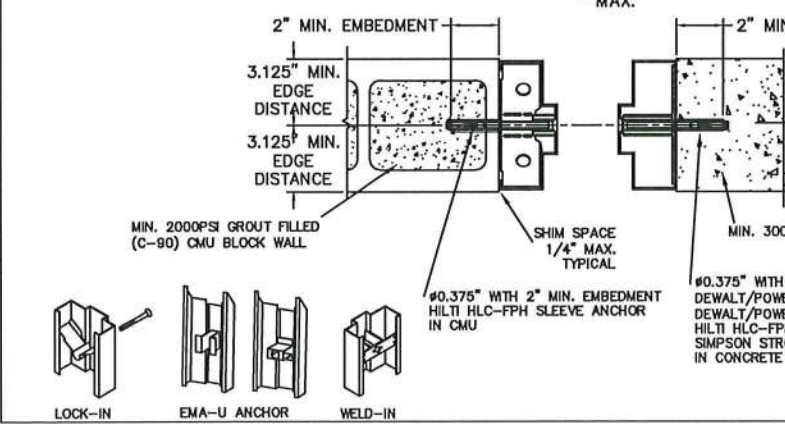
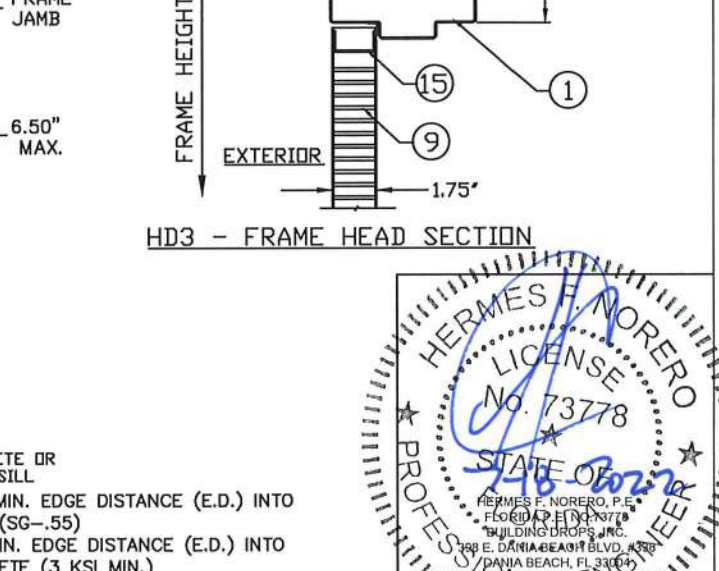
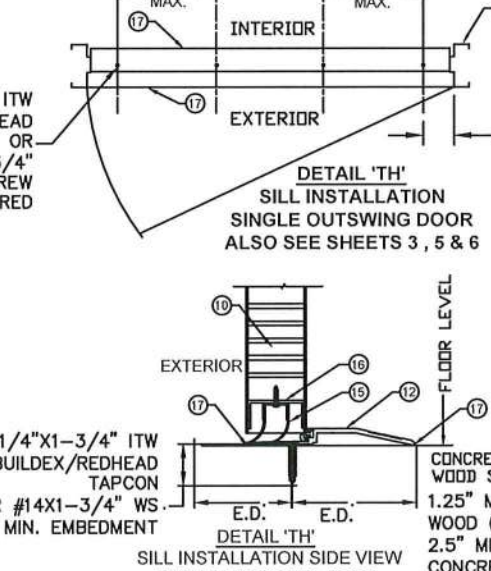
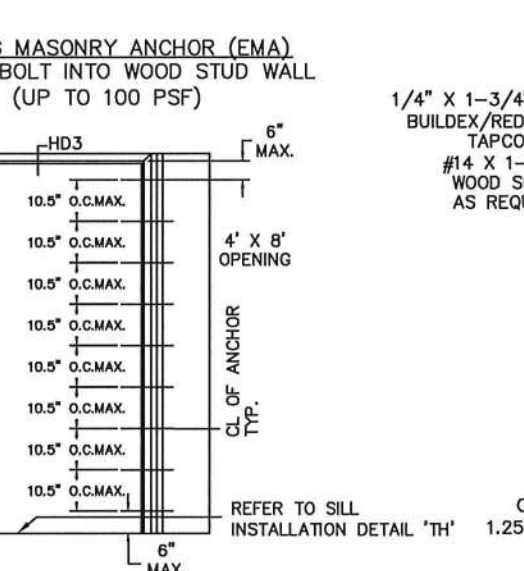
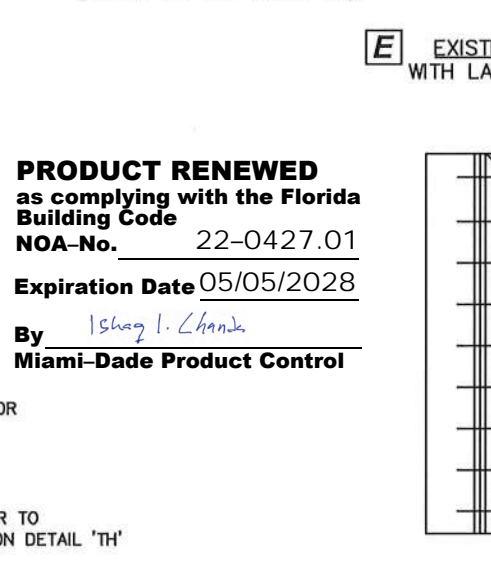
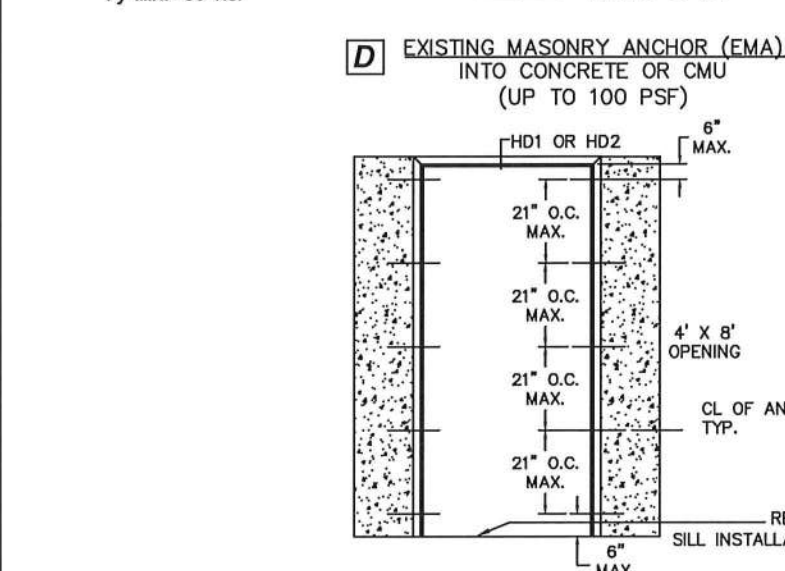
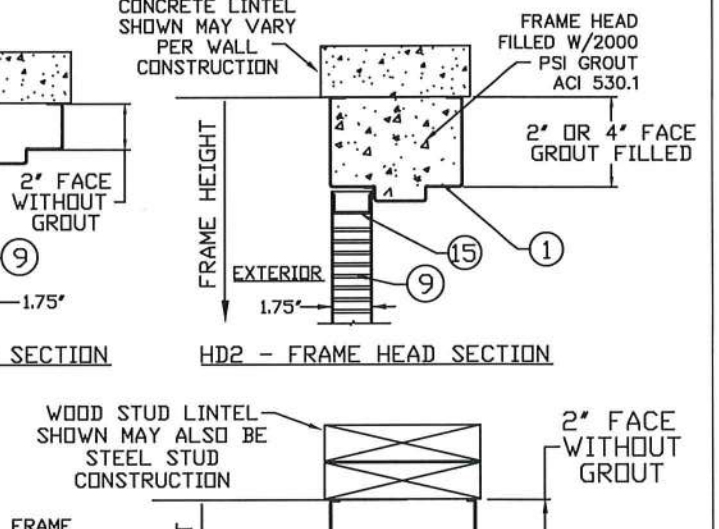
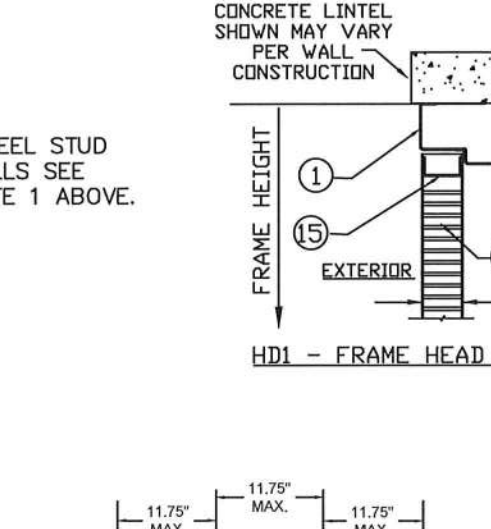
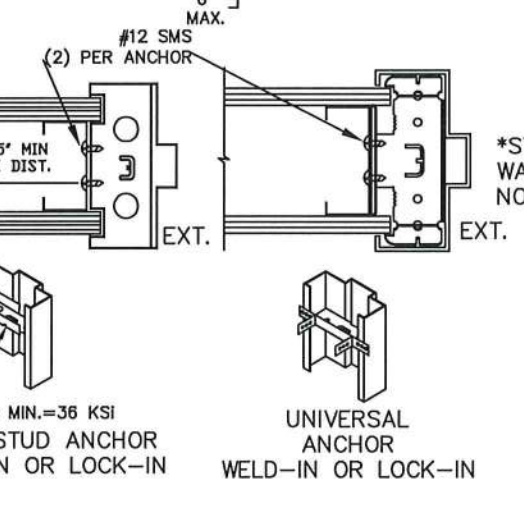
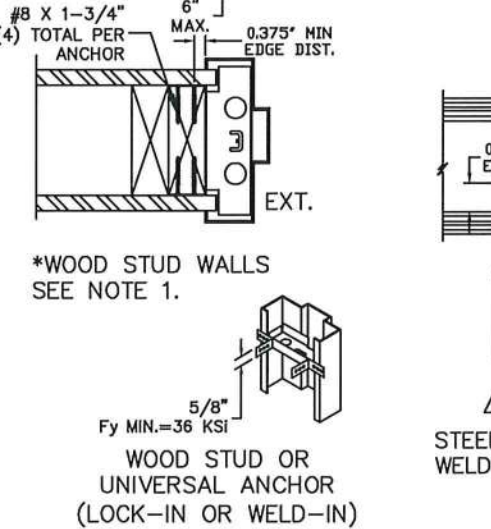
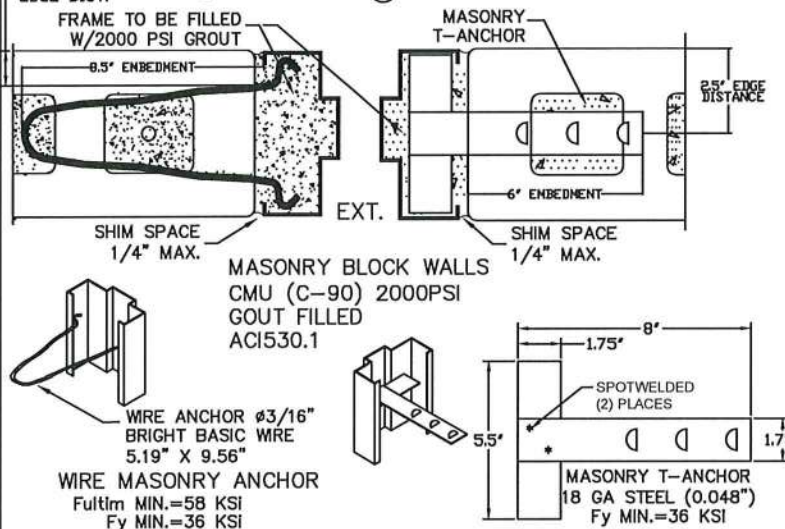


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
							
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES MIAMI-DADE COUNTY PRODUCT APPROVAL H-SERIES FLUSH SINGLE DOORS (OUTSWING)					
DRAWN YMF	DATE 05/20/07						
CHECKED							
APPROVED		SIZE	FLAT	DWG NO. IRFS07	REV P		
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD	SHEET 3 of 14			



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

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
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	02/16/17	
N	ADDRESS UPDATE	SM	02/27/20	
D	2020 FBC UPDATE	NUS	07/07/20	
P	ANCHOR/STRIKE UPDATE LL		04/06/22	



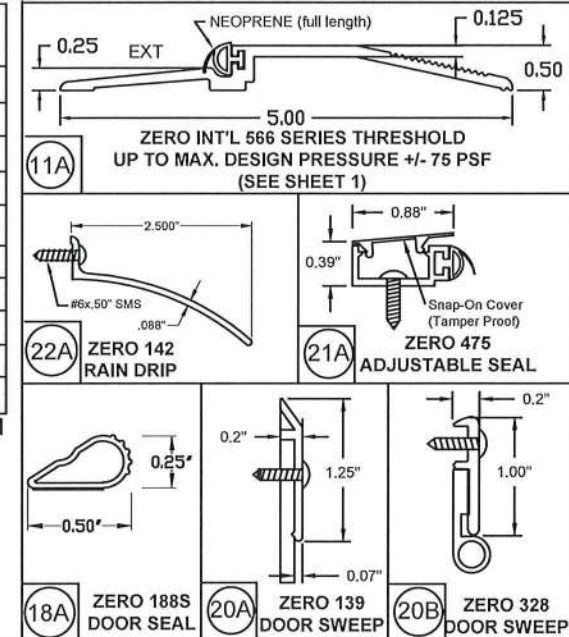
PRODUCT RENEWED
 as complying with the Florida Building Code
 NOA-No. 22-0427.01
 Expiration Date 05/05/2028
 By Ishag I. Chande
 Miami-Dade Product Control

BEND RADIUS		THIRD ANGLE PROJECTION		DRAWN YMF		DATE 05/20/07		CHECKED		APPROVED		ENG. APPVL JPD		DATE 10/11/07		SIZE FLAT		DWG NO.		SCALE: NTS		AUTOCAD		SHEET 4 of 14	
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 FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES FRAME ANCHOR DETAILS & INSTALLATION CONDITIONS.												IRFS07													



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

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11A	566 THRESHOLD	ZERO INT'L
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT
18A	188S DOOR SEAL	ZERO INT'L
20A	139 DOOR SWEEP	ZERO INT'L
20B	328 DOOR SWEEP	ZERO INT'L
21A	475 ADJUSTABLE SEAL	ZERO INT'L
22A	142 RAIN DRIP	ZERO INT'L
22B	11 RAIN DRIP	ZERO INT'L
23	DOOR TOP CAP	STEELCRAFT



ZERO INT'L 566 THRESHOLD GASKETING SYSTEM
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 75PSF -
MAXIMUM DOOR SIZE 4'-0" X 8'-0"
(SEE ELEVATIONS SHEET 1)

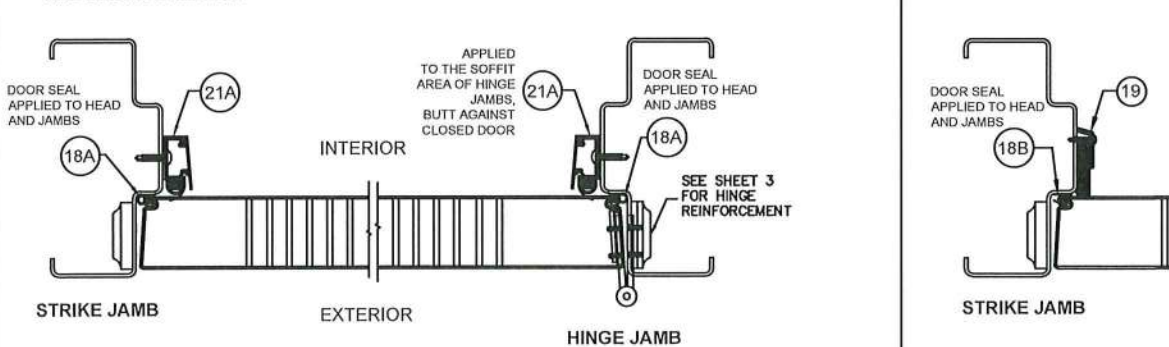
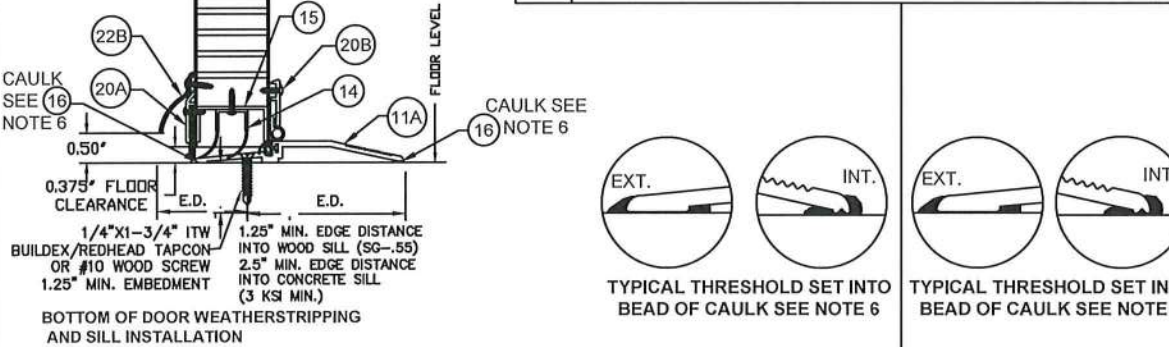
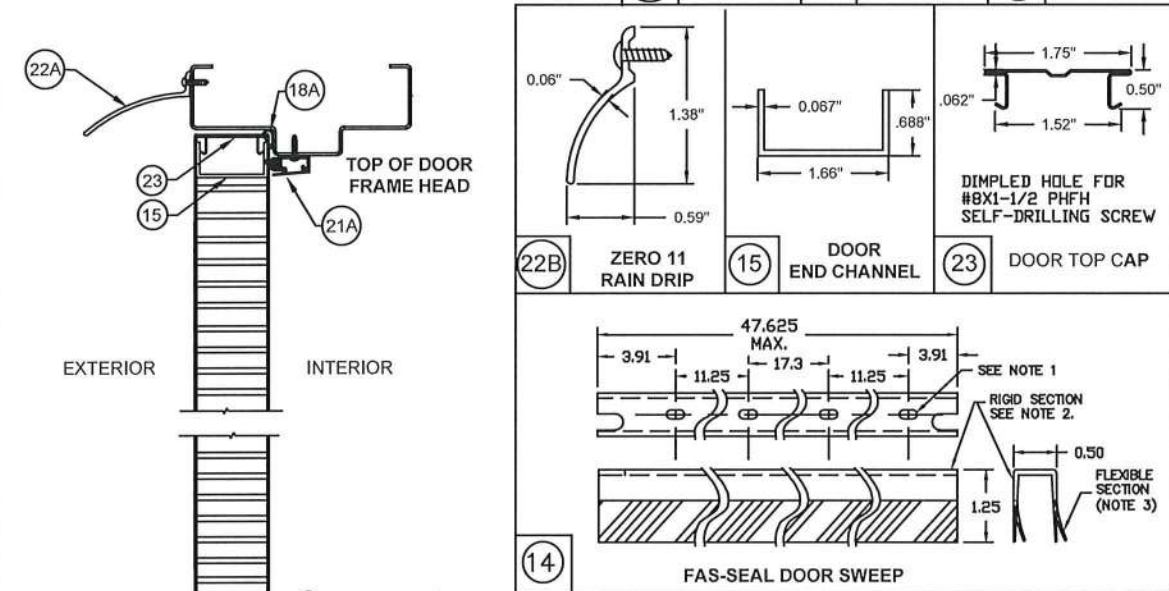
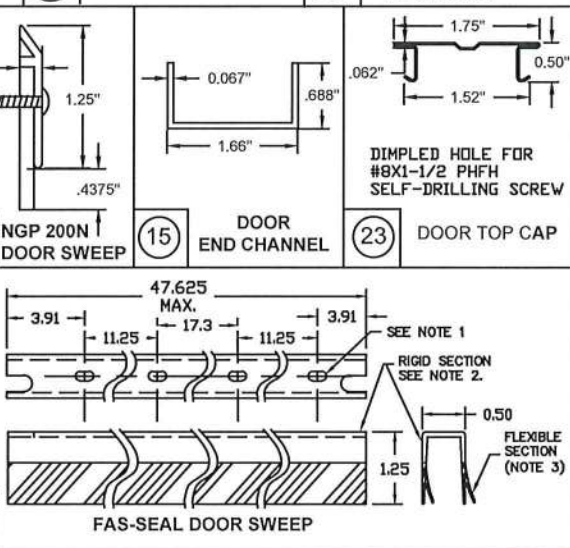
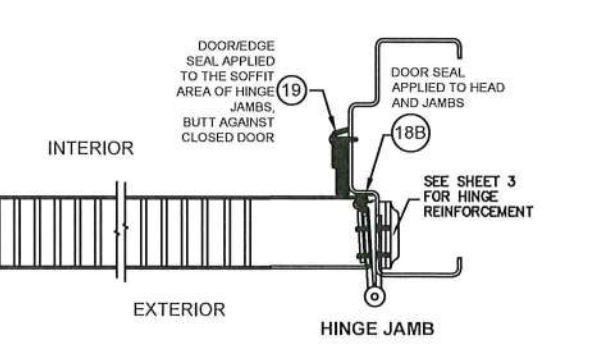
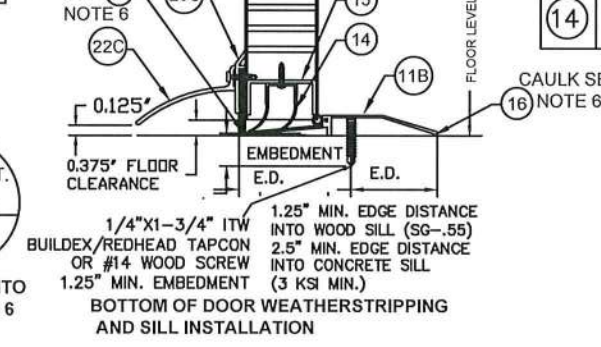
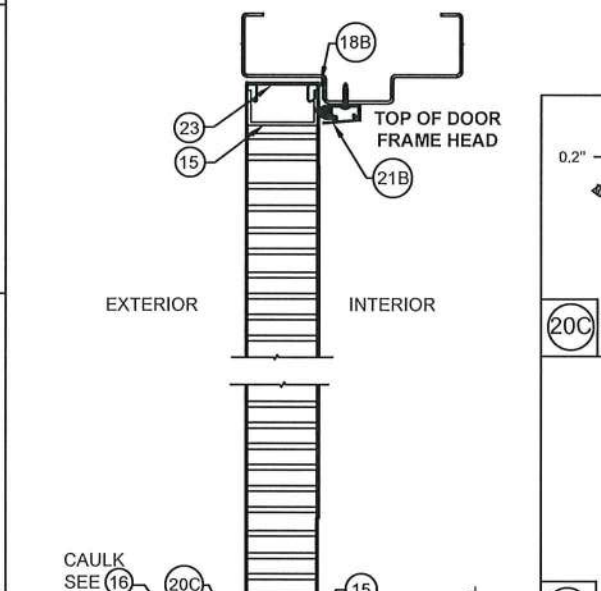
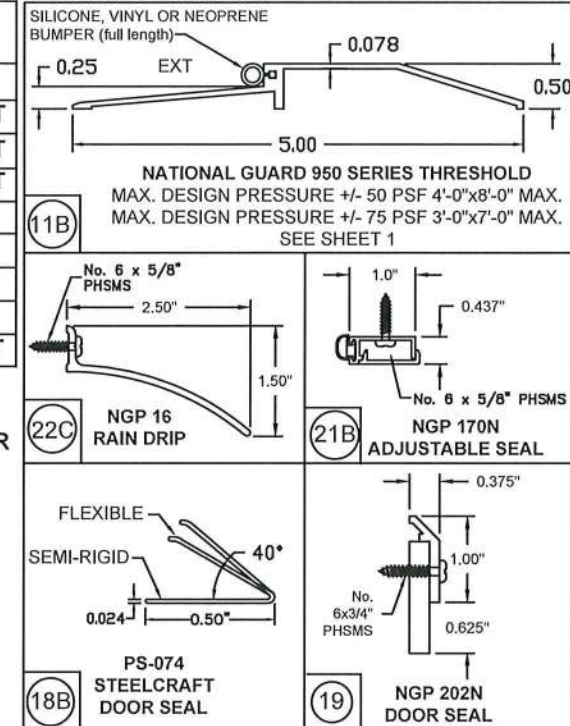


TABLE 3.2 WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11B	950 THRESHOLD	NGP
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT
18B	PS074 DOOR SEAL	STEELCRAFT
19	202N DOOR SEAL	NGP
20C	200N DOOR SWEEP	NGP
21B	170N ADJUSTABLE SEAL	NGP
22C	16A RAIN DRIP	NGP
23	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)



- 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 (14), AND THRESHOLD (11A OR 11B) 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 YMF		DATE 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 SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
SINGLE FLUSH DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED		SIZE: FLAT DWG NO. IRFS07	
SCALE: NTS		AUTOCAD	
SHEET 5 of 14		REV P	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B	REVISED DWG	RAP	10/11/07
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	07/07/20
P	ANCHOR/STRIKE UPDATE	LL	04/06/22

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishag I. Chank
Miami-Dade Product Control

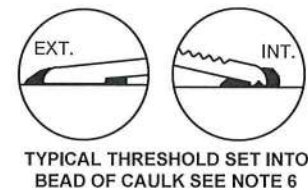
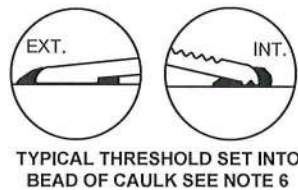


ITEM NUMBER	MODEL No./ DESCRIPTION		MFG.
11	12A	566 THRESHOLD	ZERO INT'L
	12C	65 THRESHOLD	ZERO INT'L
	12D	568 THRESHOLD	ZERO INT'L
13	14A	PS074 DOOR SEAL	STEELCRAFT
	14B	188S DOOR SEAL	ZERO INT'L
	14C	117S DOOR SEAL	ZERO INT'L
	14D	8144S DOOR SEAL	ZERO INT'L
	14E	8150S DOOR SEAL	ZERO INT'L
14		FAS-SEAL SWEEP	STEELCRAFT
15		END CHANNEL	STEELCRAFT

11A NEOPRENE (full length) 0.25 EXT 0.125 5.00 0.50
 ZERO INT'L 566 SERIES THRESHOLD
 MAXIMUM DESIGN PRESSURE +/- 75 PSF
 (SEE SHEET 1)

11C SILICONE (full length) 0.25 EXT 0.125 5.00 0.50
 ZERO INT'L 65 SERIES THRESHOLD
 MAXIMUM DESIGN PRESSURE +/- 70 PSF
 (SEE SHEET 1)

11D NEOPRENE (full length) 0.13 EXT 0.125 6.00 0.50
 ZERO INT'L 568 SERIES THRESHOLD
 MAXIMUM DESIGN PRESSURE +/- 75 PSF
 (SEE SHEET 1)



ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11B	950 THRESHOLD	NGP
13A	PS074 DOOR SEAL	STEELCRAFT
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT

SILICONE, VINYL OR NEOPRENE BUMPER (full length)

EXT

0.25

0.078

5.00

0.50

11B

NATIONAL GUARD 950 SERIES THRESHOLD

MAXIMUM DESIGN PRESSURE +/- 90 PSF

(SEE SHEET1)

FLEXIBLE

SEMI-RIGID

40°

0.024

0.50"

PS-074 STEELCRAFT DOOR SEAL

13A

0.067"

1.66"

.688"

15

DOOR END CHANNEL

3.91

47.625 MAX.

11.25

17.3

11.25

3.91

SEE NOTE 1

RIGID SECTION SEE NOTE 2.

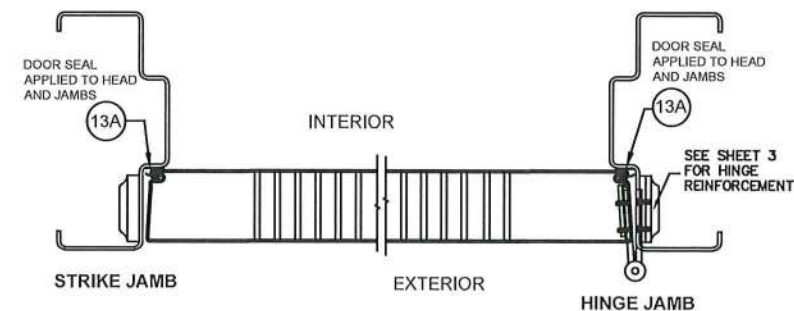
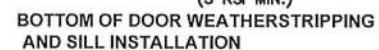
0.50

1.25

FLEXIBLE SECTION (NOTE 3)

14

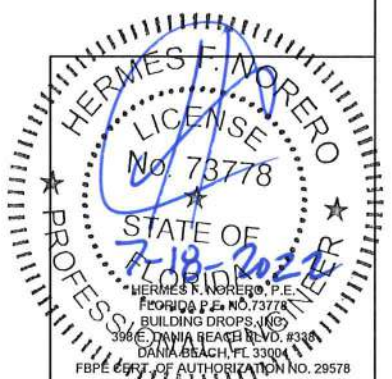
FAS-SEAL DOOR SWEEP



LTR	DESCRIPTION		DATE	APPROVED
B	REVISED DWG	RAP	10/11/07	
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	07/07/20	
P	ANCHOR/STRIKE UPDATE	LL	04/06/22	

Miami-Dade Product Control

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 (13A, 13B, 13C, 13D, 13E) AND THRESHOLD (11A, 11B, 11C, 11D) 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

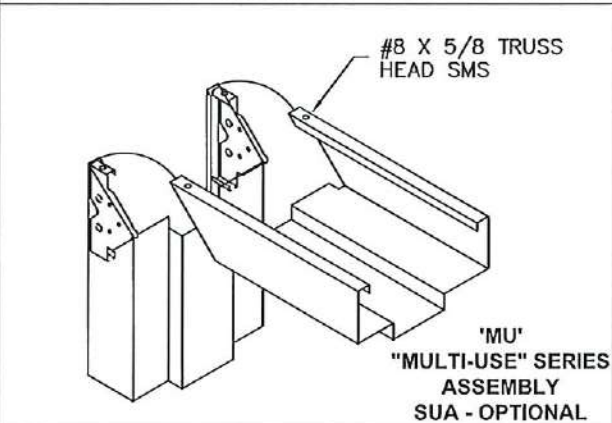
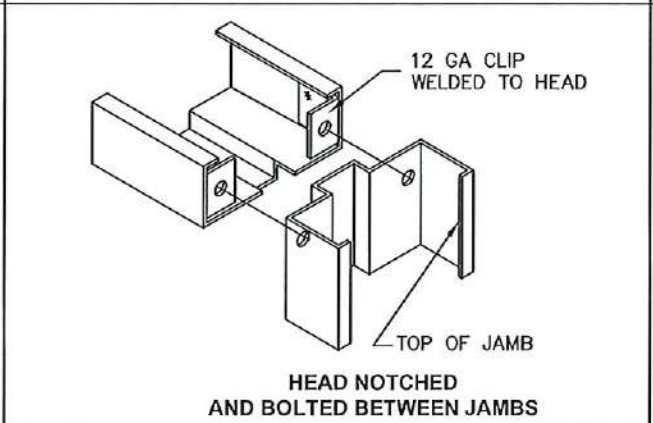
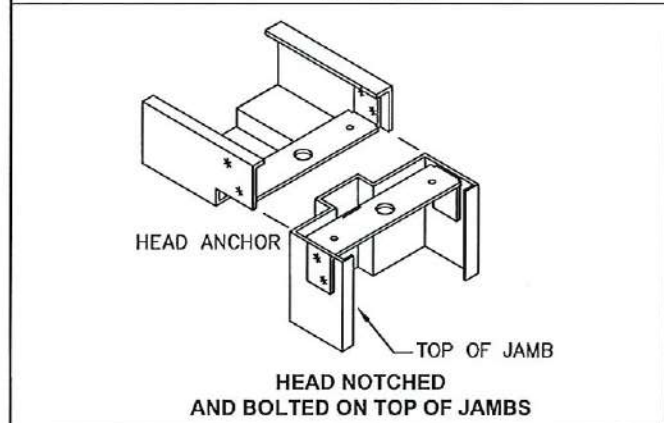
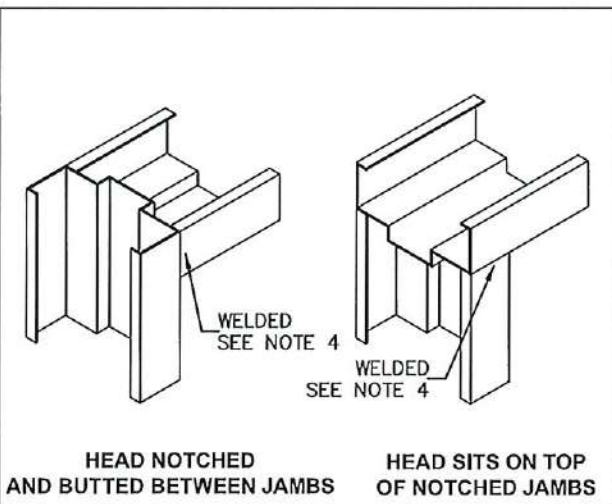
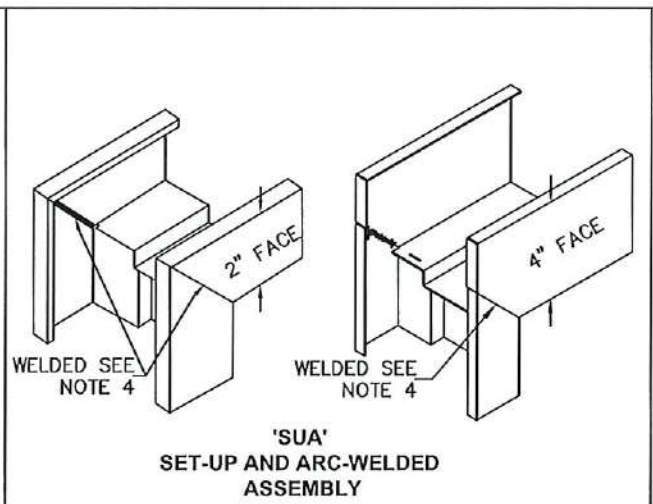
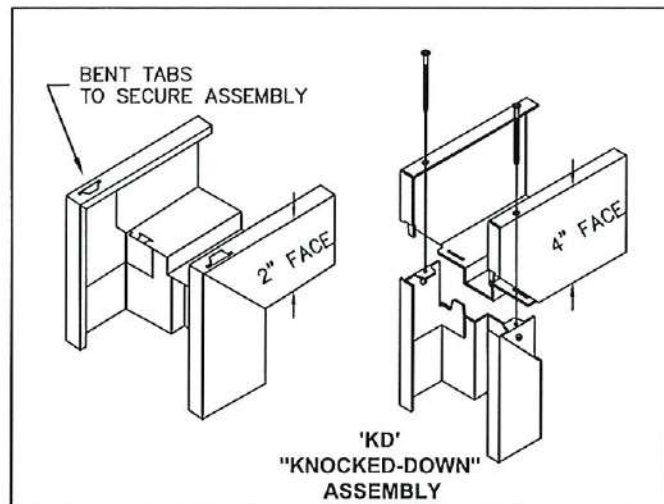


THIRD ANGLE PROJECTION

APPROVED	
ENG. APPVL JPD	10/11/07

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

SIZE	FLAT	DWG NO.	IRFS07	REV	P
SCALE	NTS	AUTOCAD		SHEET	6 of 14



R E V I S I O N S					
LTR	DESCRIPTION			DATE	APPROVED
D	REVISED	DWG	YMF	01/08/08	
H	REVISED	DWG	YMF	04/07/10	
J	REVISED	NAME	JPD	11/01/13	
K	REVISED	NAME	JPD	02/01/15	
M	ENGINEER	CHANGE	LA	02/16/17	
N	ADDRESS	UPDATE	SM	02/27/20	
O	2020 FBC	UPDATE	NUS	07/07/20	
P	ANCHOR/STRIKE	UPDATE	LL	04/06/22	

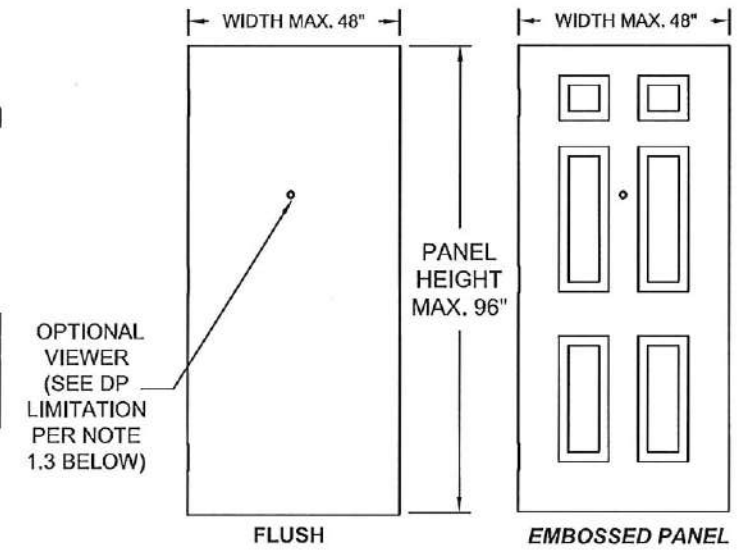
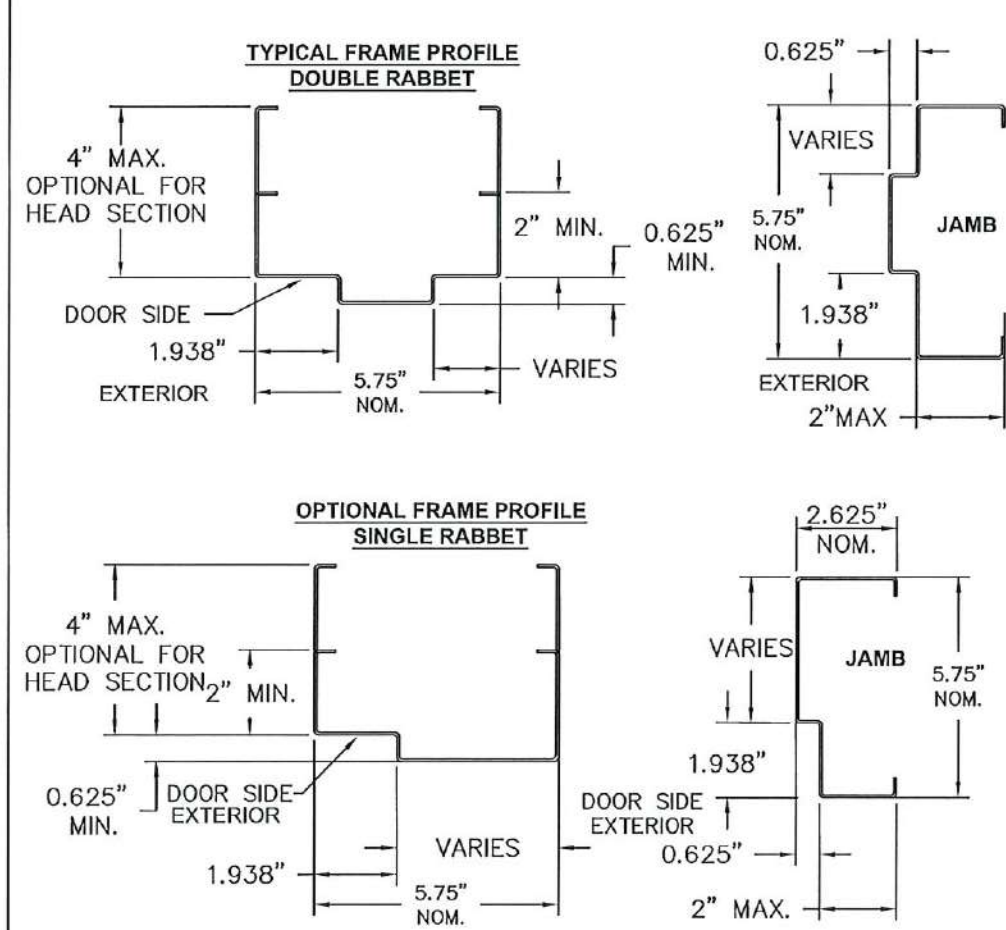
TABLE 5. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS				
CORE MATERIAL PER SHT.4	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	VARIES SEE SHEET 2 TABLE 1		CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	VARIES SEE SHEET 2 TABLE 1		STAINLESS STEEL	16/.053"

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

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

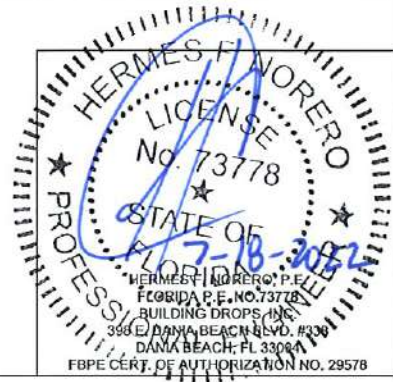
TABLE 7. STEEL DOOR/FRAME MECHANICAL PROPERTIES				
MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI	
CRS	A366	MIN. 30.1	MIN. 44.7	
HRS	A1011			
GALV: A60	A924	MIN. 31.2	MIN. 73.2	
SS: 304,316	A240			

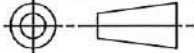
AVAILABLE DOOR PANEL CONFIGURATIONS

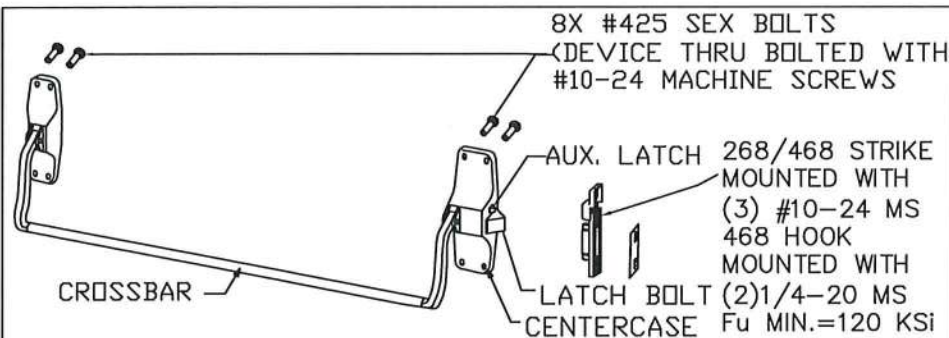


- NOTES:
- DOOR CONSTRUCTION
 - DOOR SIZE MAY VARY, SUBJECT TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT(DOOR, FRAME AND HARDWARE) AVAILABILITY FROM MANUFACTURER (SEE SHEET 2 FOR AVAILABLE HARDWARE)
 - DOOR VIEWERS ARE PERMITTED TO BE USED IN DOOR WITH A DESIGN PRESSURE OF +/-75PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION.
 - FRAME CONSTRUCTION
 - 2.1 NOMINAL JAMB DEPTH - 5-3/4", STOP HEIGHT - 5/8"
 - 2.2 FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 6)
 - FOR DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7.
 - CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX

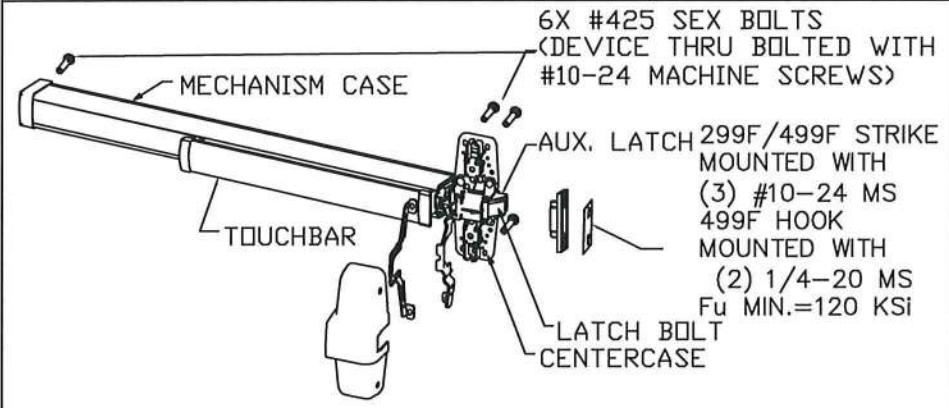
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control



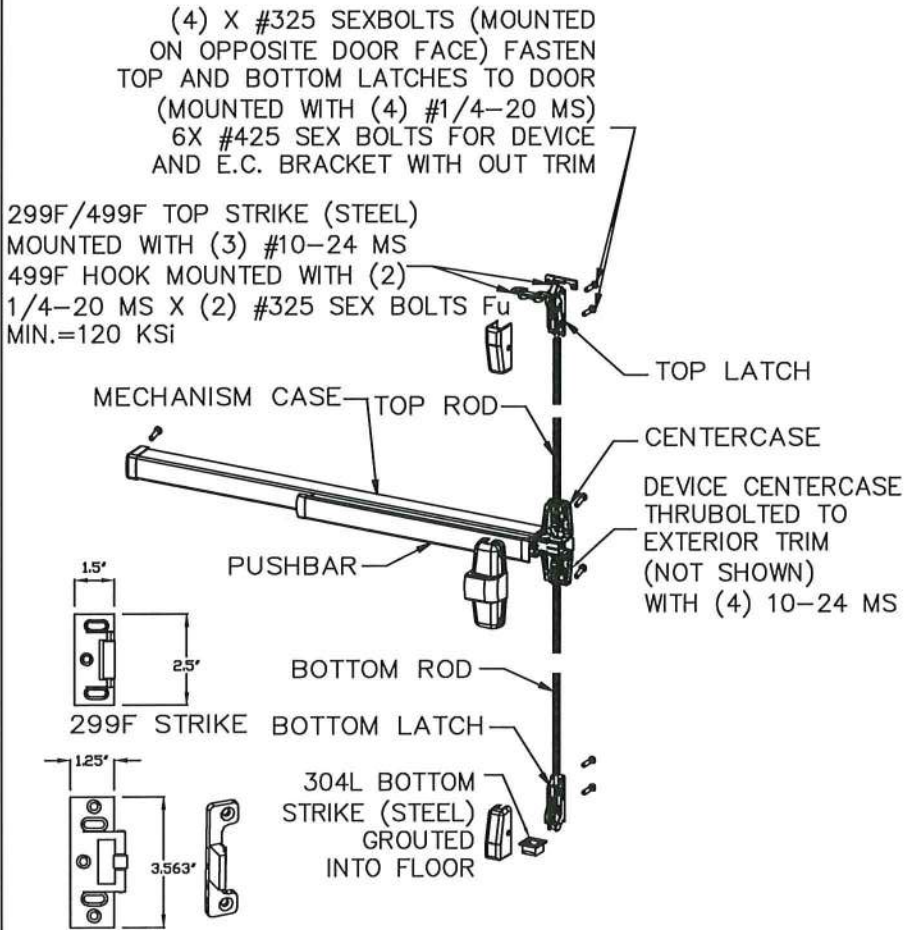
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>					
THIRD ANGLE PROJECTION		TITLE STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH 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. IRFS07	REV P
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD	SHEET 7 of 14	



RIM EXIT DEVICE VON DUPRIN 88-F
USED IN DOOR CONFIGURATION 8 (SEE SHT.1)

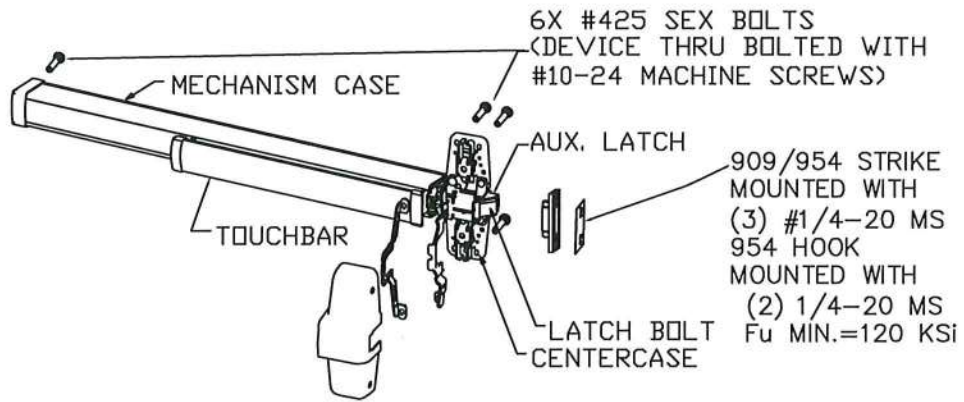


RIM EXIT DEVICE VON DUPRIN 98, 99, 98-F & 99-F
(USED IN DOOR CONFIGURATION 8 (SEE SHT.1))

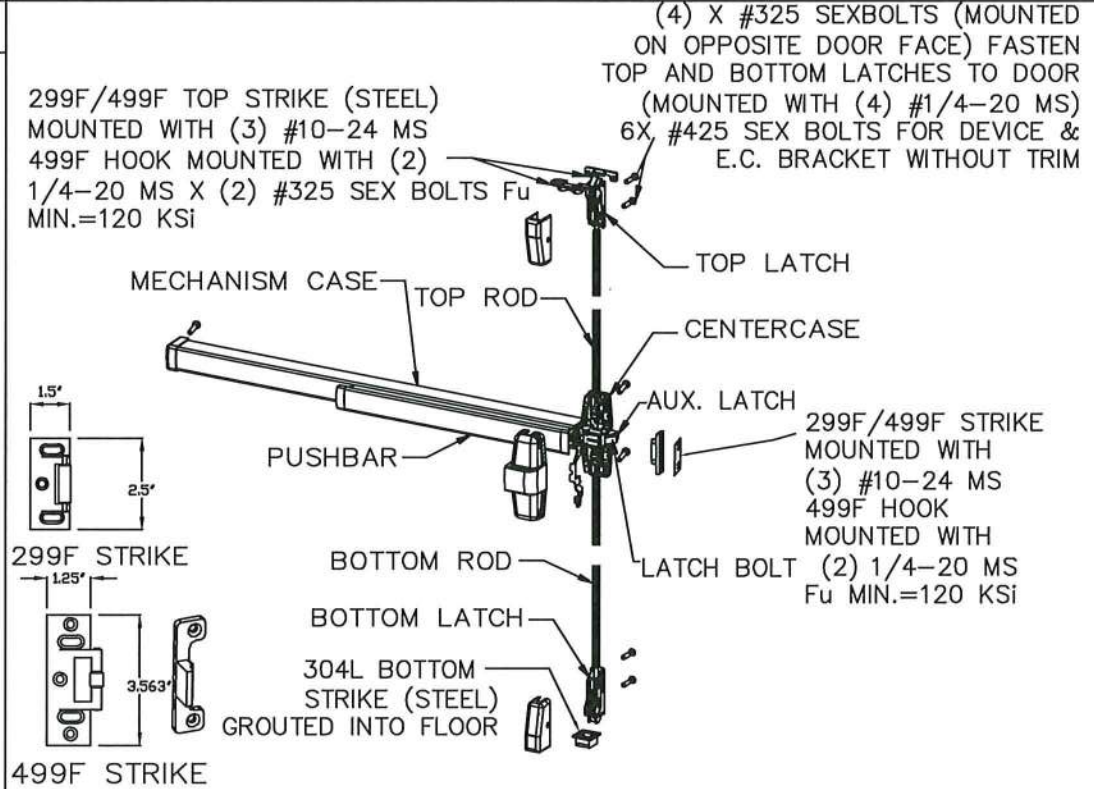


499F STRIKE

SURFACE VERTICAL ROD EXIT DEVICE VON DUPRIN 9827, 9927, 9827-F & 9927-F
USED IN DOOR CONFIGURATION 5 (SEE SHT.1)



RIM EXIT DEVICE VON DUPRIN XP98, XP99, XP98-F & XP99-F
USED IN DOOR CONFIGURATION 9 (SEE SHT.1)



THREE-POINT EXIT DEVICE VON DUPRIN 9857, 9957, 9857-F & 9957-F
USED IN DOOR CONFIGURATION 7 (SEE SHT.1)

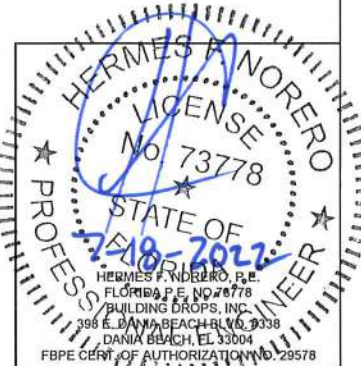
NOTES:
ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
EXIT HARDWARE OPTIONS:
FOR 98/99 XP98/99 SERIES - E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN TRIMS: ALL APPLICABLE TRIMS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

BEND RADIUS



DRAWN	DATE
YMF	05/20/07
CHECKED	CDATE
APPROVED	ADATE
ENG. APPVL	EDATE
JPD	10/11/07

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishay I. Chande
Miami-Dade Product Control



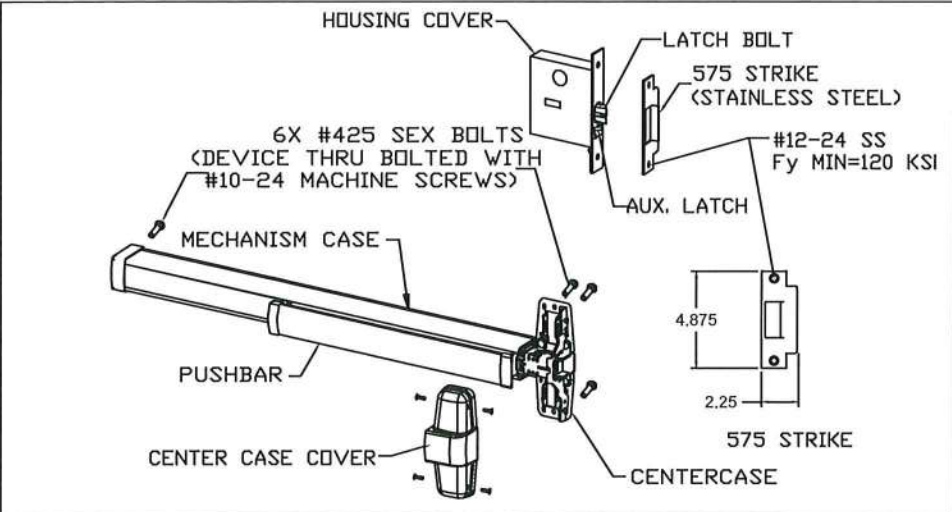
SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032

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

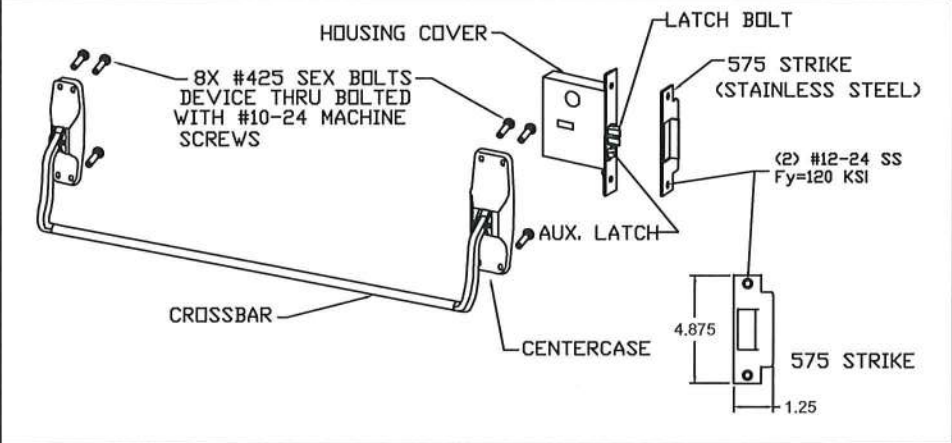
TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES

EXIT HARDWARE OPTIONS FOR FLUSH SINGLE DOORS

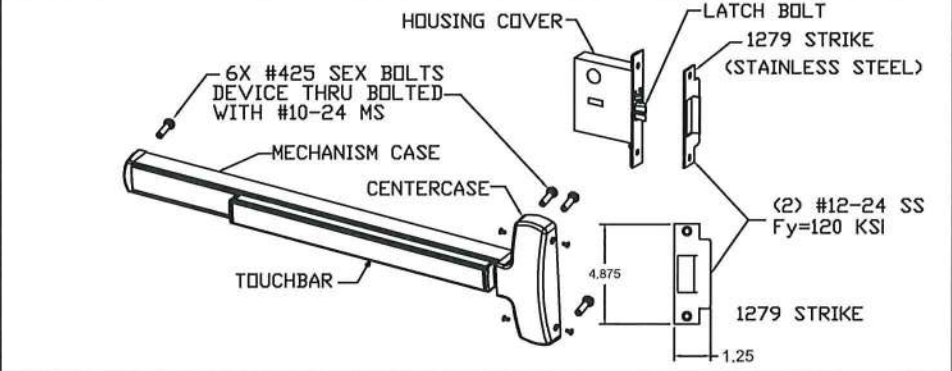
SIZE	FLAT	DWG NO.	REV
		IRFS07	P
SCALE	NTS	AUTOCAD	SHEET 8 of 14



MORTISE EXIT DEVICE VON DUPRIN 9875, 9975, 9875-F & 9975-F
USED IN DOOR CONFIGURATION 10 (SEE SHT.1)

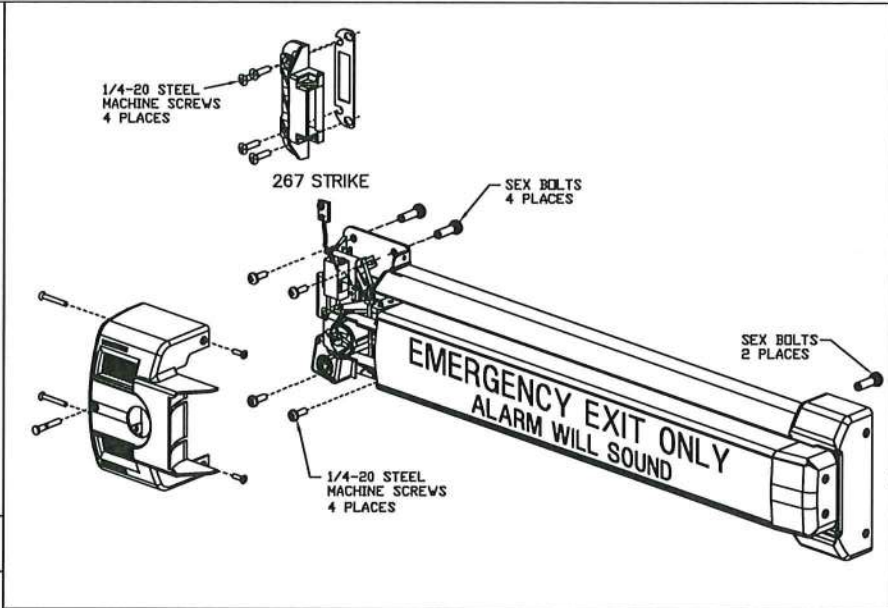


MORTISE EXIT DEVICE VON DUPRIN 8875 & 8875-F
USED IN DOOR CONFIGURATION 10 (SEE SHT.1)

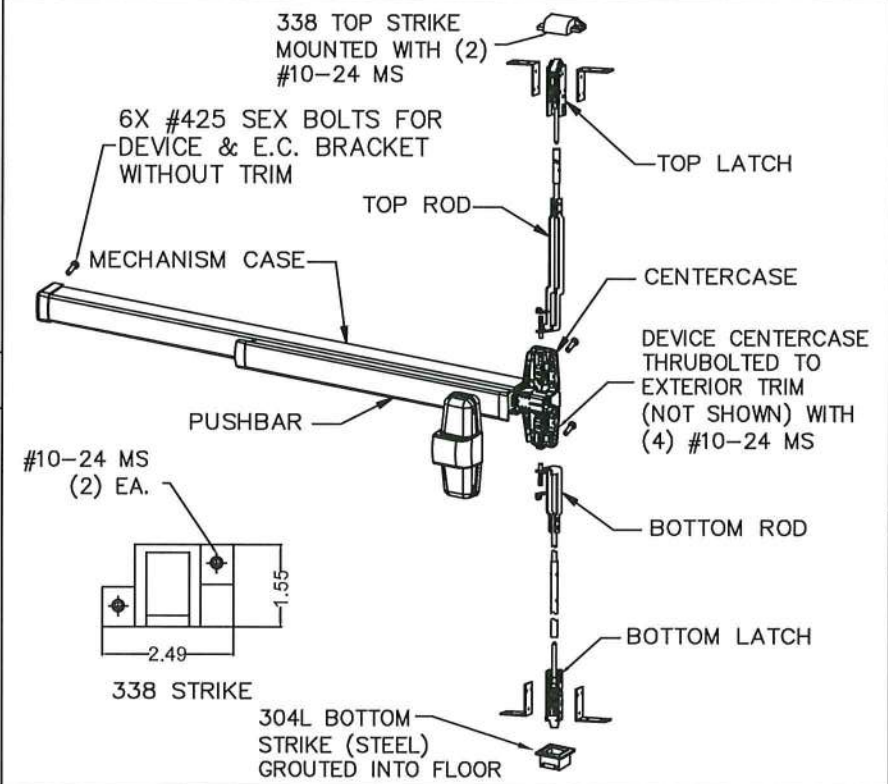


MORTISE EXIT DEVICE FALCON 25-M & F-25-M
USED IN DOOR CONFIGURATION 10 (SEE SHT.1)

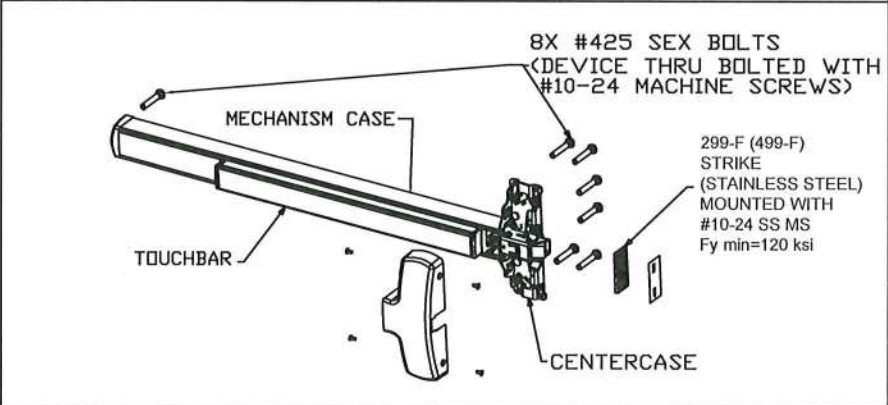
NOTES:
1. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY.
2. EXIT HARDWARE OPTIONS:
FOR 98/99 & XP98/99 SERIES - E, RX, LX, SS, EL, QEL, CX, F ALK, CD, PN TRIMS: ALL APPLICABLE TRIMS AVAILABLE.
FOR 88-F SERIES RIM - OPTION E TRIMS: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.
FOR 2670 GUARD-X TRIMS: ALL APPLICABLE TRIMS AVAILABLE.
FOR FALCON (F)25-R, (F)25-M, F-25-C & (F)25-V SERIES - AE, DM, LM, LK, KOR, ED, MEL, EA, FSA, FSE, CD, LD, HWEA TRIMS: ALL APPLICABLE TRIMS AVAILABLE.



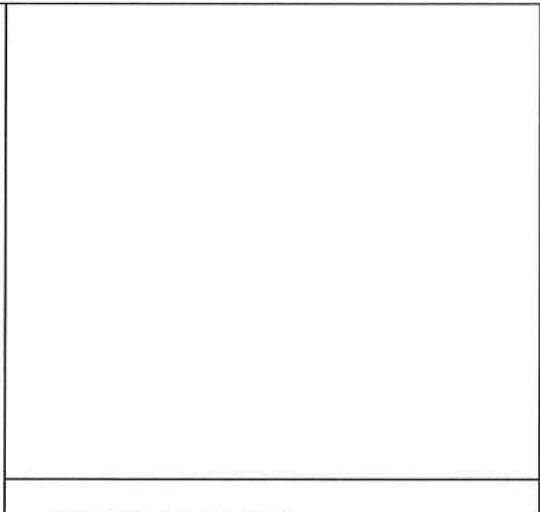
EXIT ALARM LOCK VON DUPRIN 2670 GUARD-X
USED IN DOOR CONFIGURATION 11 (SEE SHT.1)



CONCEALED VERTICAL ROD EXIT DEVICE VON DUPRIN
98/9947-F & HH98/9947 WITH 2-3/4" BACKSET
USED IN DOOR CONFIGURATION 6 (SEE SHT.1)

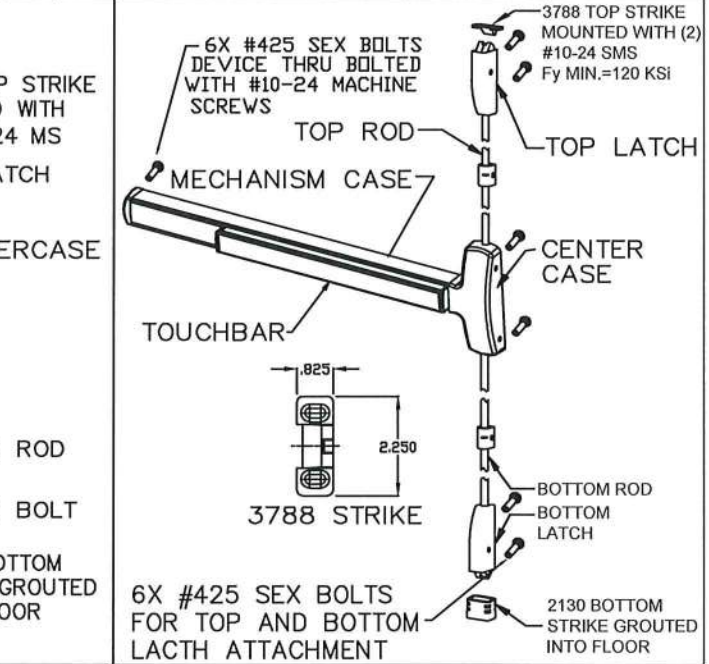


RIM EXIT DEVICE FALCON (F)25-R
USED IN DOOR CONFIGURATION 13 (SEE SHT.1)



CONCEALED VERTICAL ROD EXIT DEVICE FALCON F-25-C
USED IN DOOR CONFIGURATION 6 (SEE SHT.1)

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	APPROVAL DWG	YMF	05/20/07	
E	REVISED DWG	YMF	04/08/08	
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	
M	ENGINEER CHANGE	LA	03/10/17	
N	ADDRESS CHANGE	JPD	01/10/20	
O	2020 FBC UPDATE	NUS	07/07/20	
P	ANCHOR/STRIKE UPDATE	LL	04/06/22	

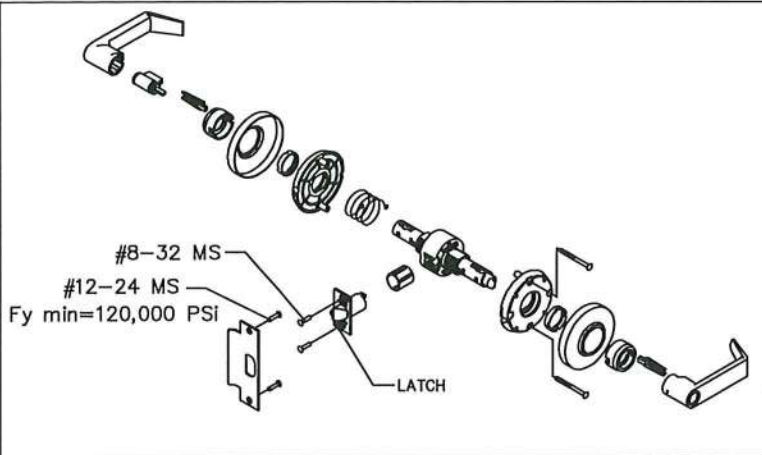


SURFACE VERTICAL ROD EXIT DEVICE FALCON (F)25-V
USED IN DOOR CONFIGURATION 5 (SEE SHT.1)

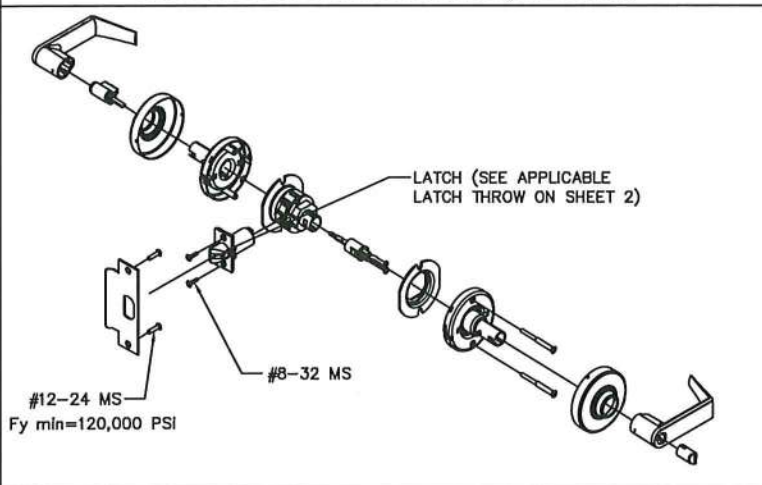
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishag I. Chande
Miami-Dade Product Control

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

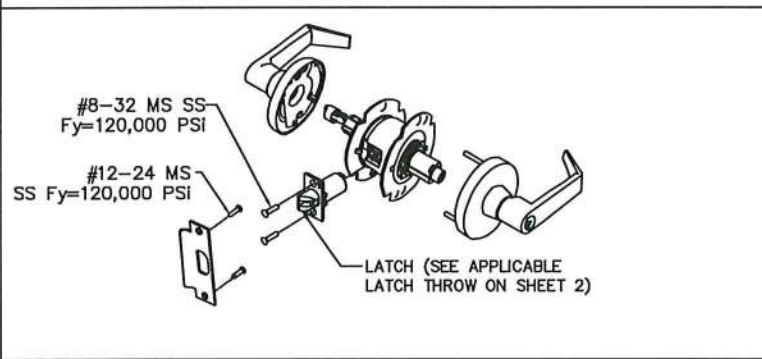
SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES		EXIT HARDWARE OPTIONS FOR FLUSH SINGLE DOORS	
SIZE	FLAT	DWG NO.	REV
SCALE	NTS	AUTOCAD	IRFS07
SHEET 9 of 14			



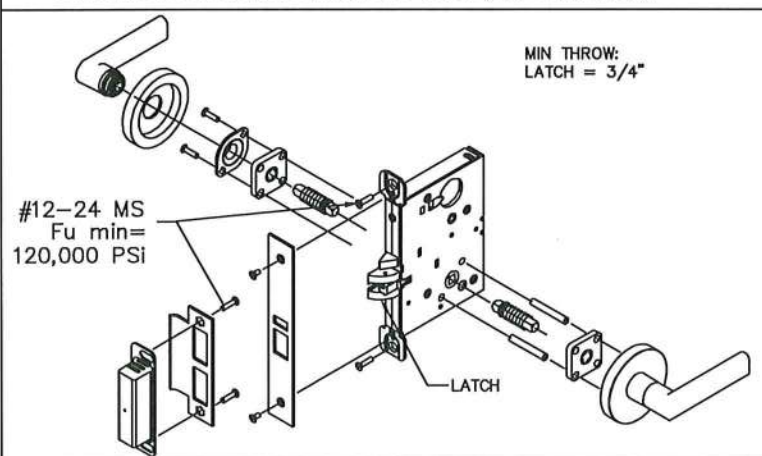
SCHLAGE AL-SERIES CYLINDRICAL LOCKSET WITH 1/2" THROW LATCH
USED IN DOOR CONFIGURATION 2 (SEE SHT.1)



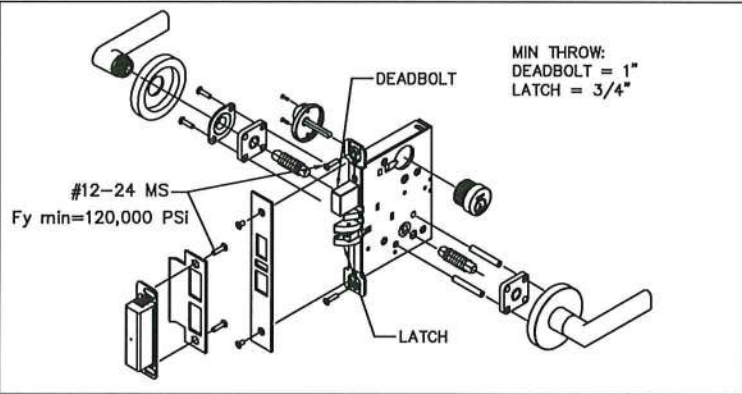
SCHLAGE D/ND-SERIES CYLINDRICAL LOCKSET
USED IN DOOR CONFIGURATIONS 3 & 4 & 16 (SEE SHTS.1&2)



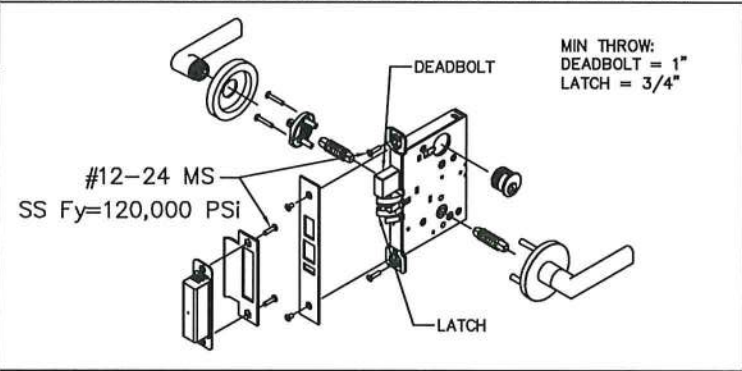
FALCON T-SERIES CYLINDRICAL LOCKSET
USED IN DOOR CONFIGURATIONS 4 & 16 (SEE SHTS.1&2)



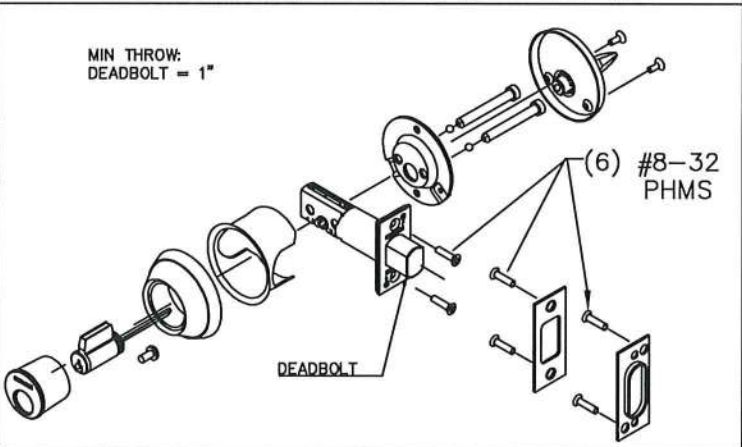
SCHLAGE L/LV 9000 SERIES MORTISE LOCKSET WITHOUT DEADBOLT
USED IN DOOR CONFIGURATIONS 14 & 15 (SEE SHTS.1&2)



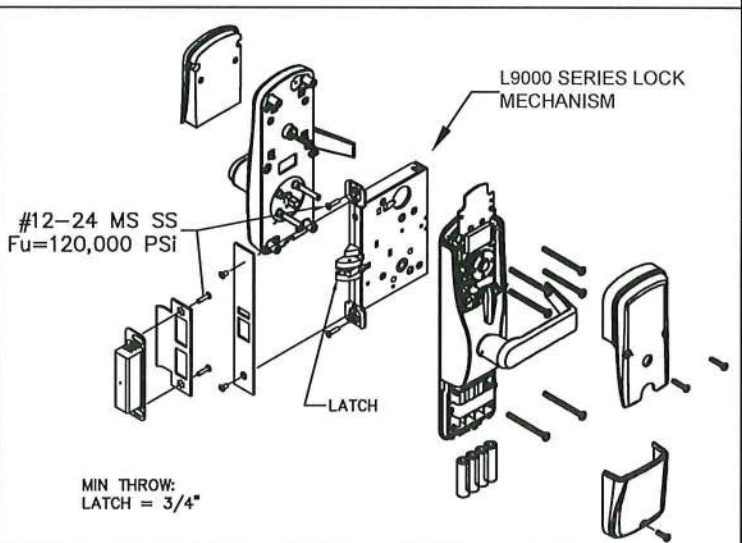
SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET WITH DEADBOLT
FUNCTION USED IN DOOR CONFIGURATION 1 (SEE SHTS.1&2)



FALCON MA-SERIES MORTISE LOCKSET WITH DEADBOLT FUNCTION
USED IN DOOR CONFIGURATION 1 (SEE SHTS.1&2)



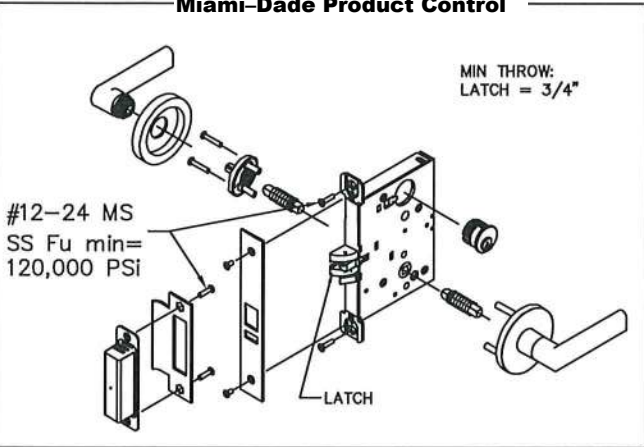
SCHLAGE B600/700/800 CYLINDRICAL DEADLOCK
USED IN DOOR CONFIGURATION 12 (SEE SHTS.1&2)



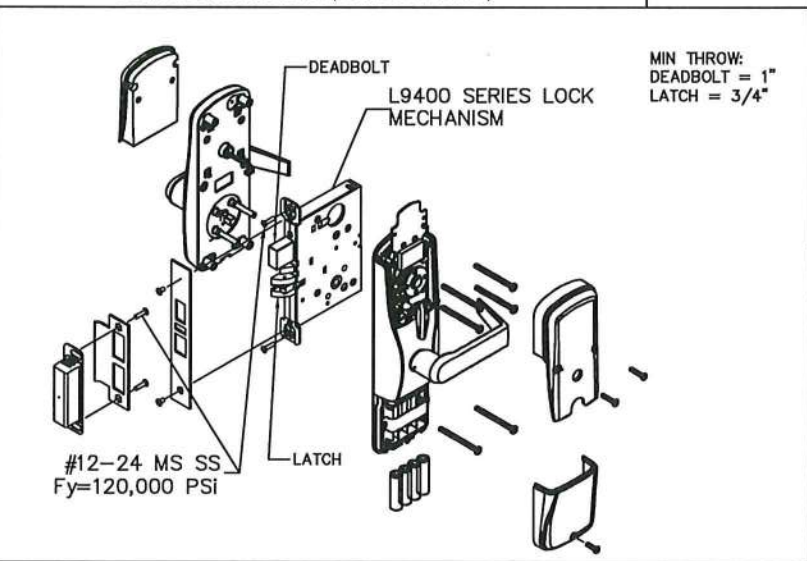
SCHLAGE AD/CO MS SERIES MORTISE LOCKSET WITHOUT DEADBOLT
USED IN DOOR CONFIGURATIONS 14 & 15 (SEE SHTS.1&2)

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. 22-0427.01
Expiration Date 05/05/2028
By *Isaac I. Chan*
Miami-Dade Product Control



FALCON MA-SERIES MORTISE LOCKSET
WITHOUT DEADBOLT FUNCTION USED IN DOOR
CONFIGURATION 15 (SEE SHTS.1&2)



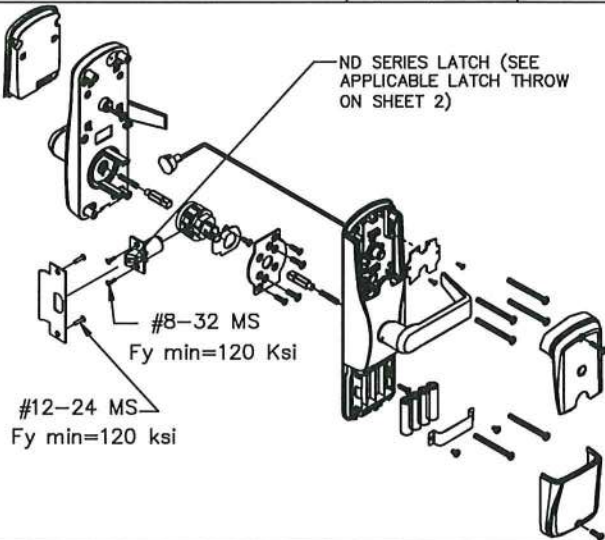
SCHLAGE AD/CO MD SERIES MORTISE LOCKSET W/DEADBOLT
USED IN CONFIGURATIONS: 1 (SEE SHTS. 1&2)

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

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 FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
HARDWARE OPTIONS FOR FLUSH SINGLE DOORS.			
SIZE	FLAT	DWG NO.	REV
		IRFS07	P
SCALE:	NTS	AUTOCAD	SHEET 10 of 14

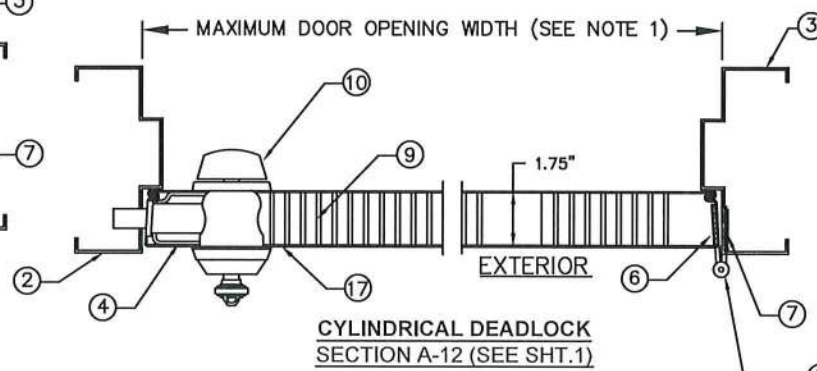
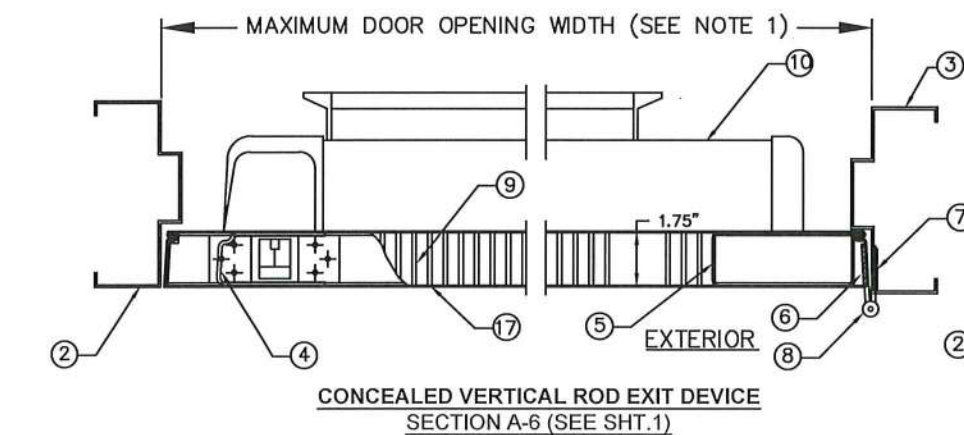
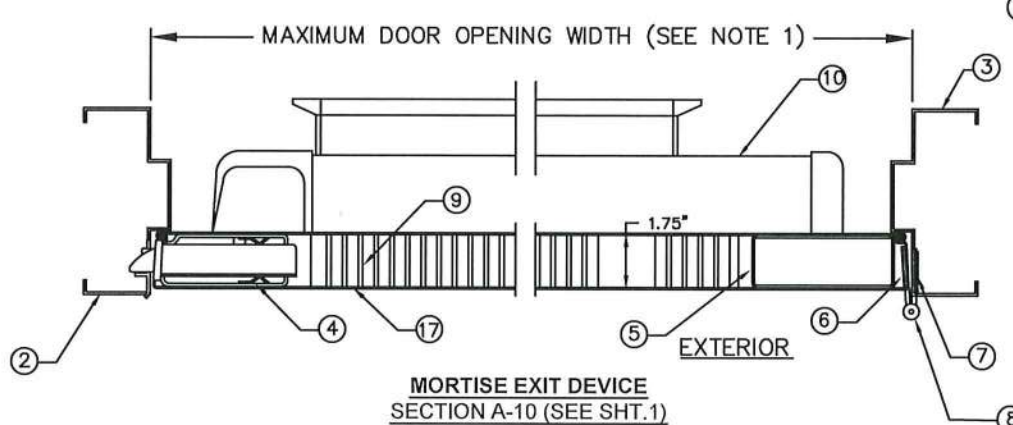
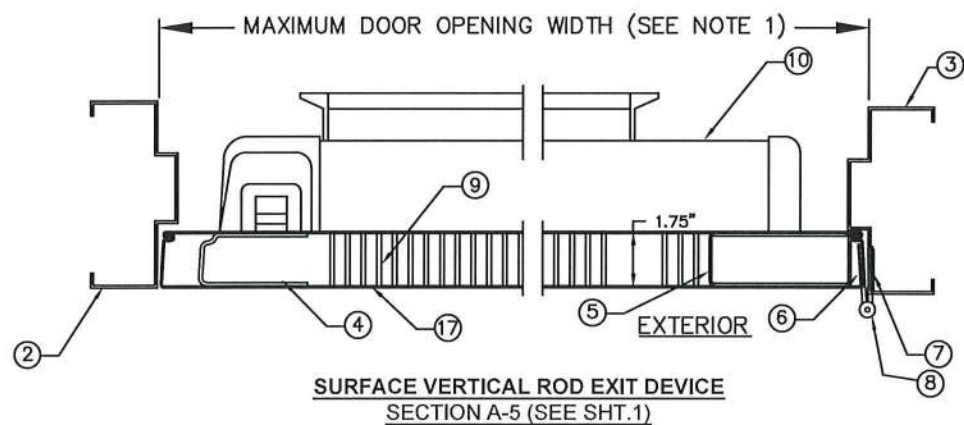
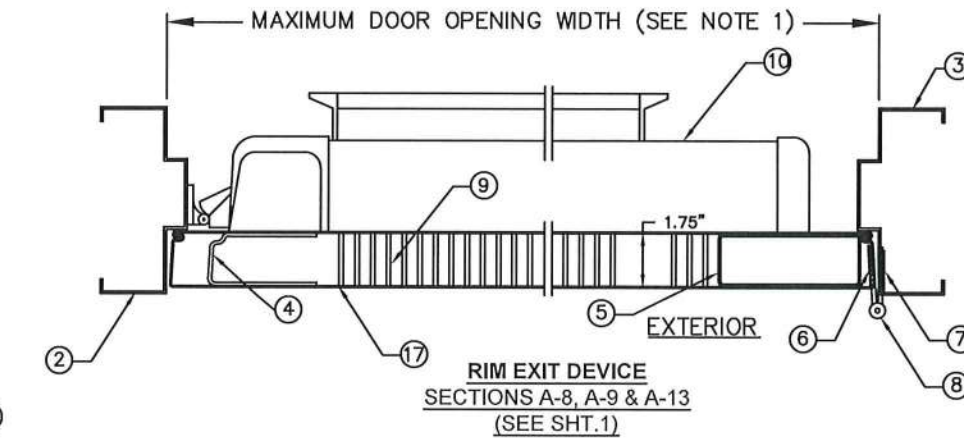
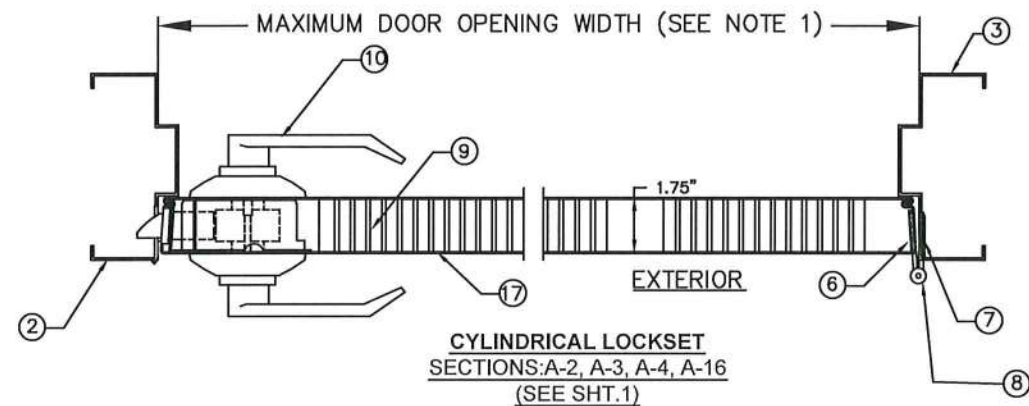
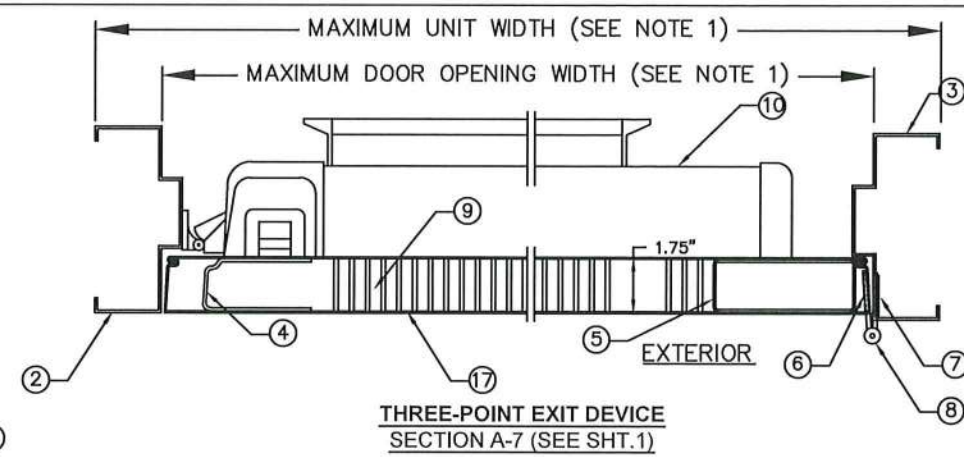
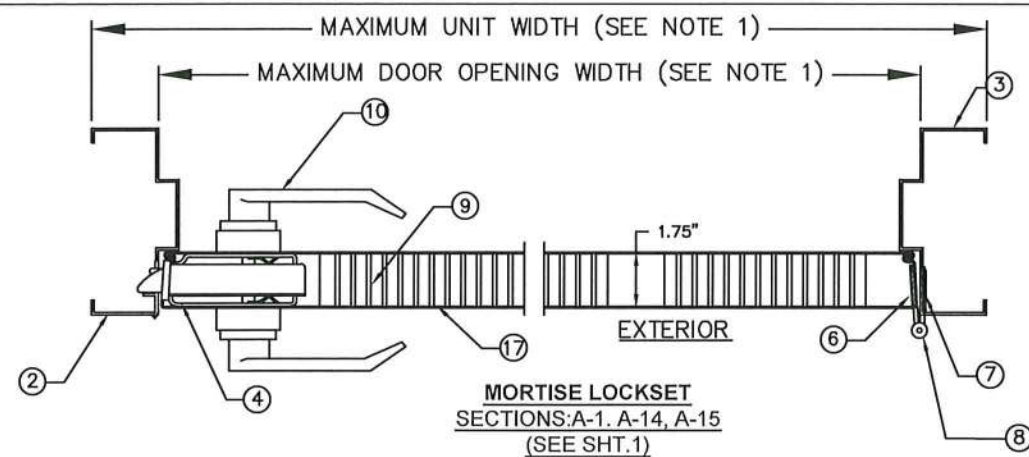
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	YMF 05/20/07	
D	REVISED DWG	YMF 01/08/08	
E	REVISED DWG	YMF 04/08/08	
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	
M	ENGINEER CHANGE	LA 02/16/17	
N	ADDRESS UPDATE	SM 02/27/20	
O	2020 FBC UPDATE	NUS 07/07/20	
P	ANCHOR/STRIKE UPDATE	LL 04/06/22	

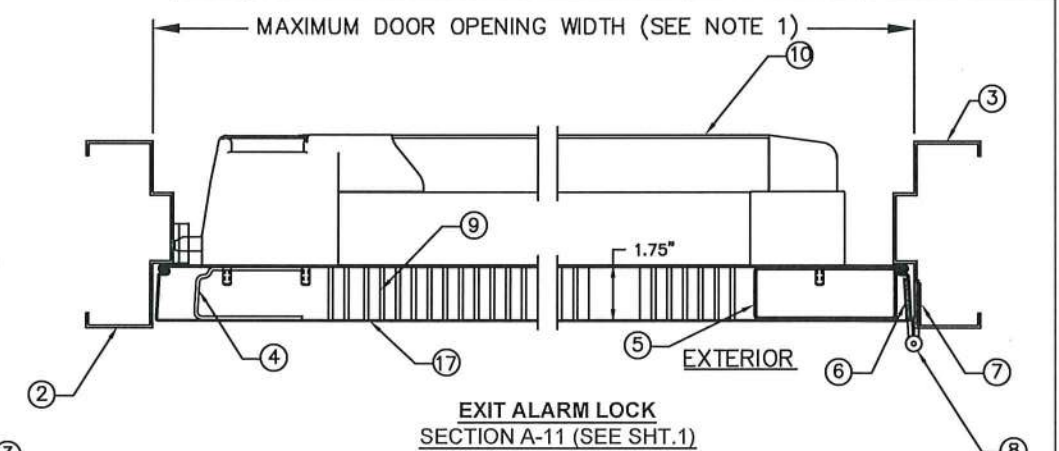


SCHLAGE AD/CO CY SERIES CYLINDRICAL LOCKSET
USED IN CONFIGURATIONS: 3 & 4 & 16 (SEE SHTS.1&2)

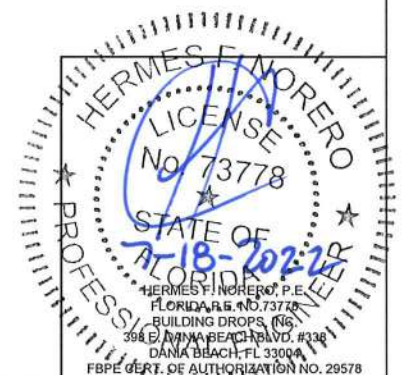


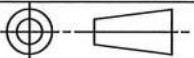


REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL	DWG	YMF	05/20/07
F	REVISED	DWG	YMF	06/03/08
G	REVISED	DWG	YMF	03/04/09
H	REVISED	DWG	YMF	04/07/10
J	REVISED	NAME	JPD	11/01/13
M	ENGINEER	CHANGE	LA	03/10/17
N	ADDRESS	UPDATE	SM	02/27/20
O	2020 FBC	UPDATE	NUS	07/07/20
P	ANCHOR/STRIKE	UPDATE	LL	04/06/22



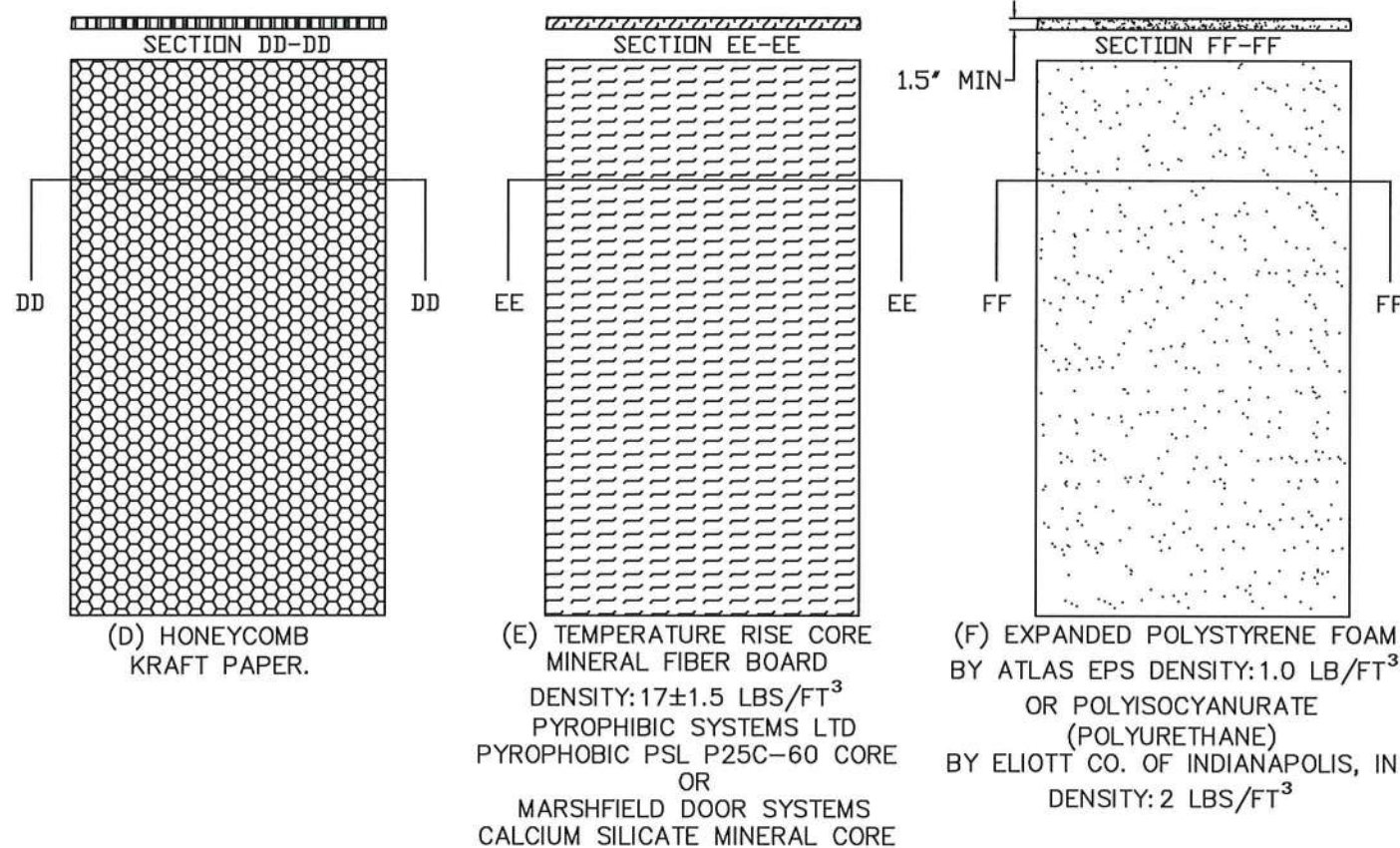
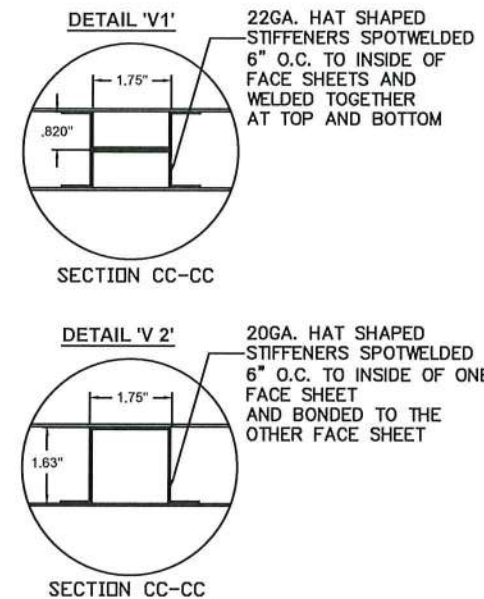
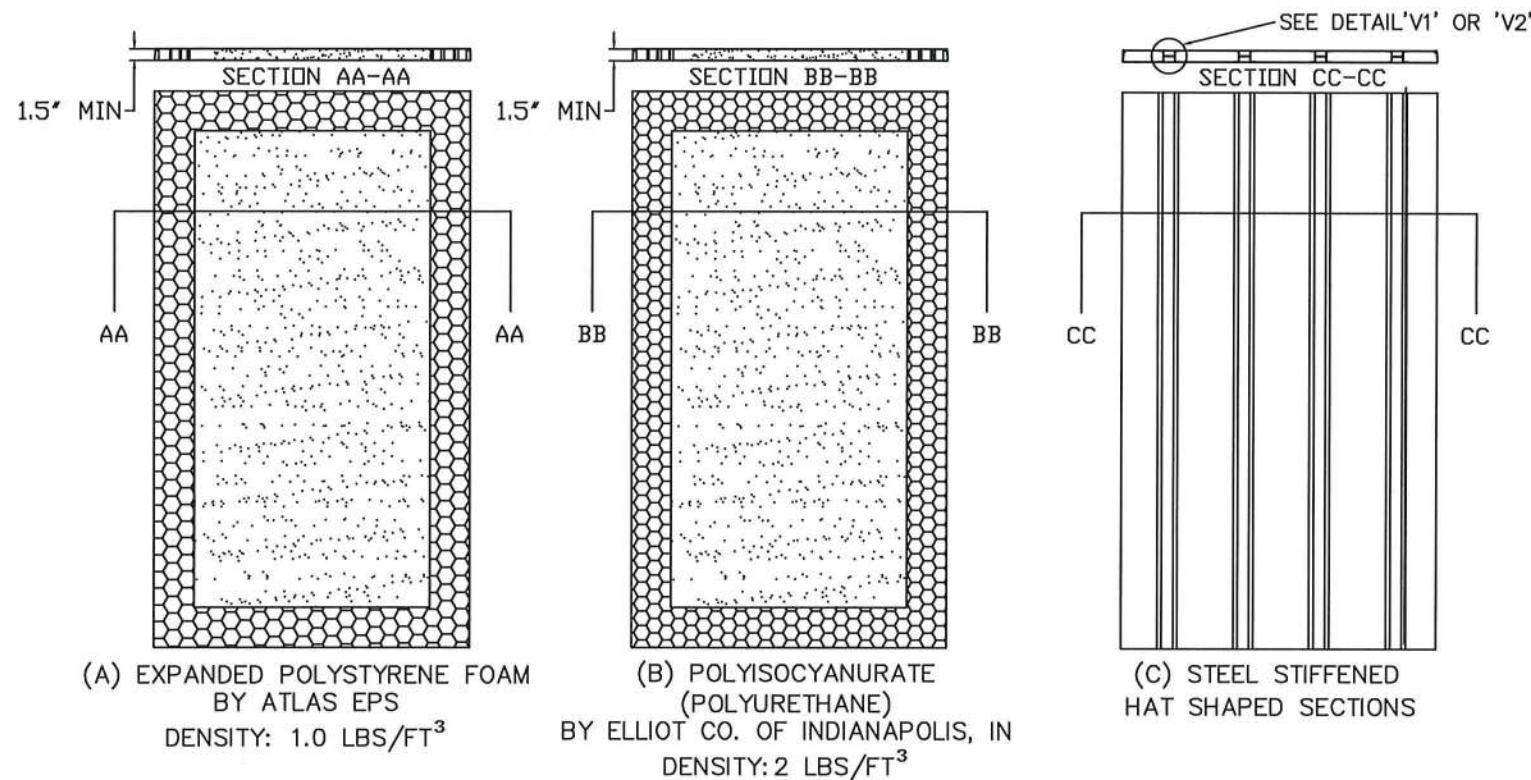
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By *Ishag I. Chank*
Miami-Dade Product Control



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 FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES HORIZONTAL CROSS SECTIONS FOR FLUSH SINGLE DOORS.																			
DRAWN YMF		DATE 05/20/07																													
CHECKED																															
APPROVED				SIZE		FLAT				DWG NO. IRFS07								REV P													
ENG. APPVL JPD		10/11/07		SCALE:		NTS				AUTOCAD								SHEET 11 of 14													

NOTES:

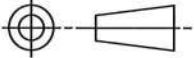
1. FOR MAXIMUM OPENING DIMENSION SIZES AND MAX UNIT SIZES SEE SHEETS 1, 2, 3, 11 & 12.
2. SINGLE OUTSWING DOORS, SEE SHEET 4 FOR INSTALLATION INFORMATION.



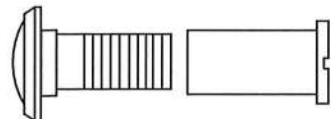
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishaq I. Chande
Miami-Dade Product Control

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		
M	ENGINEER CHANGE LA	03/10/17		
N	ADDRESS UPDATE SM	02/27/20		
O	2020 FBC UPDATE NUS	07/07/20		
P	ANCHOR/STRIKE UPDATE LL	04/06/22		



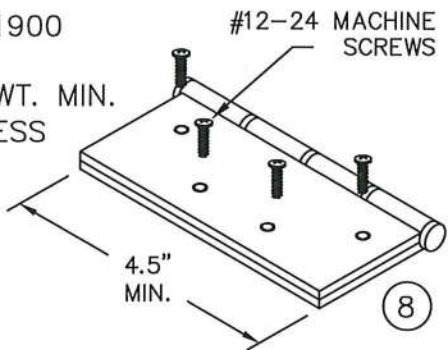
BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
THIRD ANGLE PROJECTION								
DRAWN JPD	DATE 02/03/14	TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES						
CHECKED		MIAMI-DADE COUNTY PRODUCT APPROVAL DOOR CORE OPTIONS						
APPROVED		SIZE	FLAT	DWG NO.		IRFS07		REV P
ENG. APPVL		SCALE:	NTS	AUTOCAD			SHEET 13 of 14	

NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

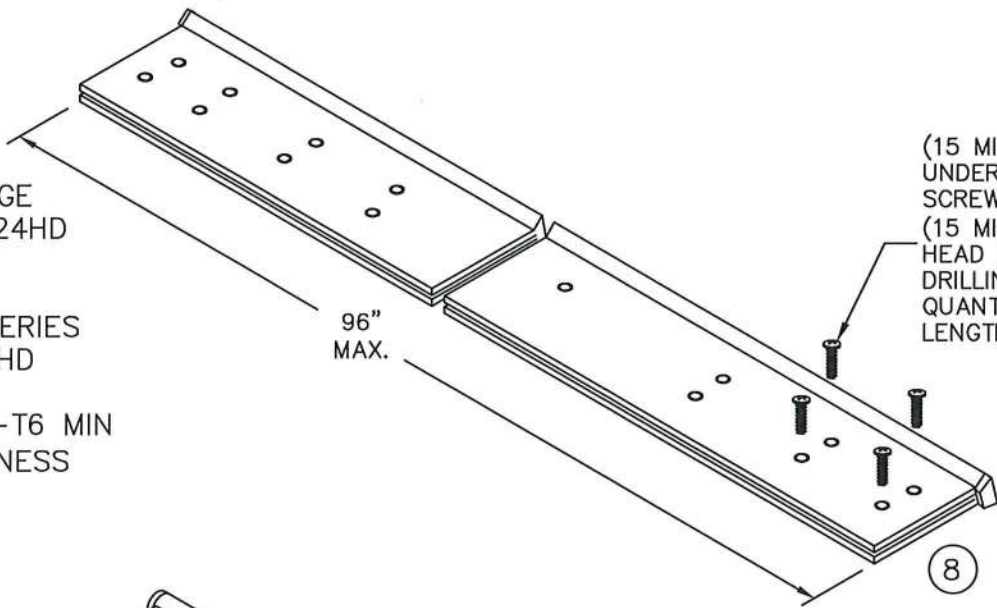


24 IVES 698/U698 DOOR VIEWER
APPLICATION LIMITED TO +/- 75 PSF
DESIGN PRESSURE OR LESS

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

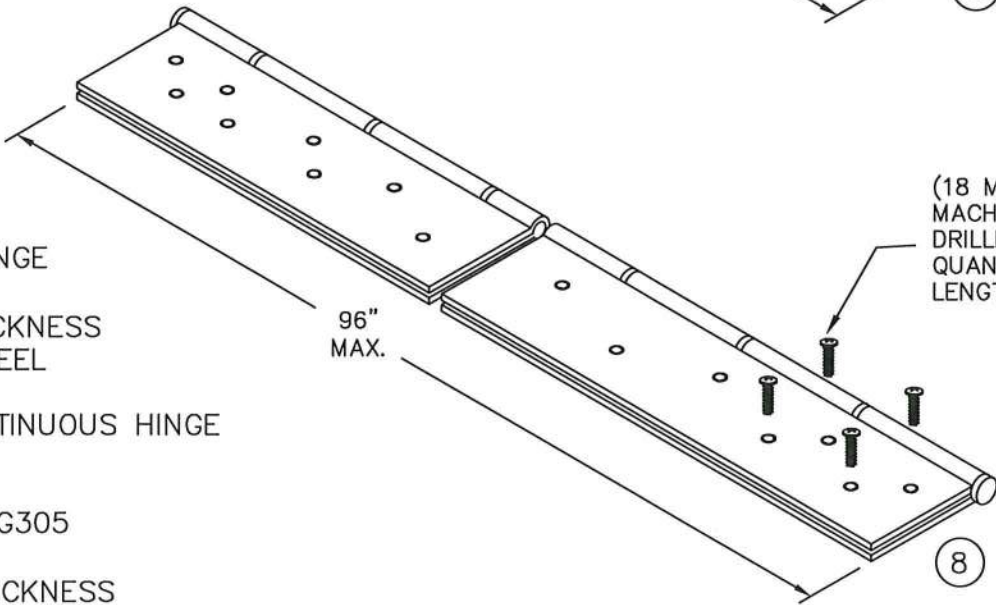


CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



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

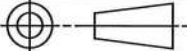
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0427.01
Expiration Date 05/05/2028
By Ishag I. Chank
Miami-Dade Product Control

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

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	09/05/13	
B	REVISED	02/01/15	
M	ENGINEER CHANGE LA	03/10/17	
N	ADDRESS UPDATE SM	02/27/20	
O	2020 FBC UPDATE NUS	07/07/20	
P	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		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN JPD	DATE 02/03/14	HINGE AND VIEWER OPTIONS			
CHECKED					
APPROVED		SIZE FLAT	DWG NO. IRFS07		REV P
ENG. APPVL		SCALE: NTS	AUTOCAD	SHEET 14 of 14	