MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

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 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 Glazed Outswing Commercial Steel Door w/wo Panic Exit-LMI

APPROVAL DOCUMENT: 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., 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 #19-1016.02** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

NOA No. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

Schlage Lock Company, LLC

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

Ishaq I. Chanda, P.E.
Product Control Unit Examiner
NOA No. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

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(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. 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 ASTME84-12 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 ASTME84 and self-Ignition per ASTM1929D 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. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

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 ASTME-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 ASTME84 and self-Ignition per ASTM1929D 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 & Schlage.
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. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

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(6th 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(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 # 17-0320.05**, 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. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

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

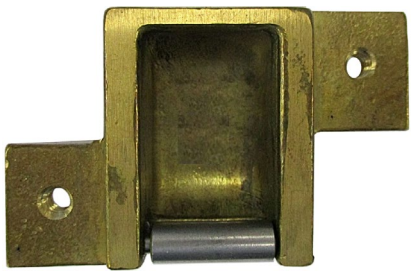
1. None.

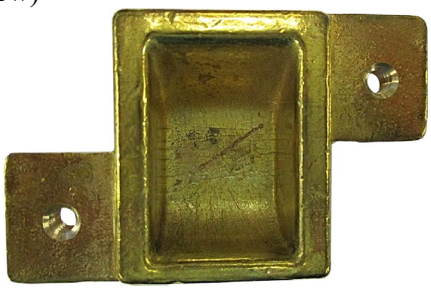
F. STATEMENTS (submitted under file **# 17-0426.01**)

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 # 17-0426.01**, expiring 05/05/20.
2. Optional CVR top strikes #338 w/wo Roller (see below)





Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Examiner
NOA No. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted.

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(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.

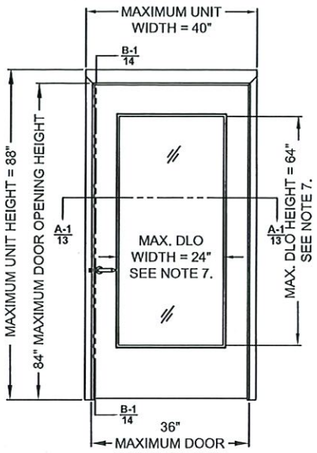
G. OTHER

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

Ishaq I. Chanda

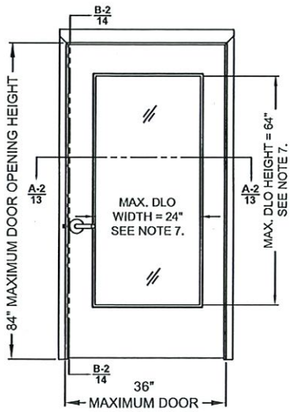
Ishaq I. Chanda, P.E.
Product Control Unit Examiner
NOA No. 20-0310.07
Expiration Date: May 05, 2023
Approval Date: May 05, 2020

MORTISE LOCKSET WITH OR WITHOUT DEADBOLT



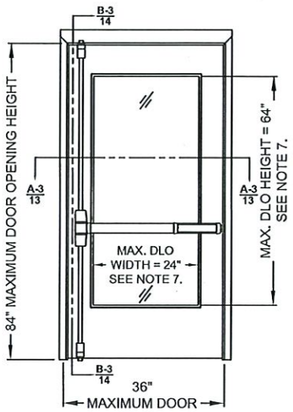
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
1	±75	±75

CYLINDRICAL LOCKSET 1/2" MIN. THROW LATCH



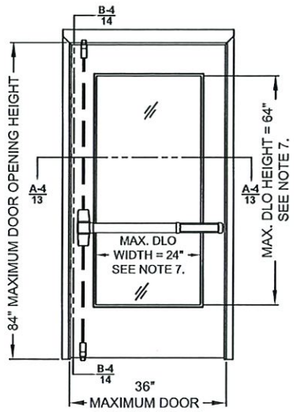
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
2	±75	±75

SURFACE VERTICAL ROD EXIT DEVICE



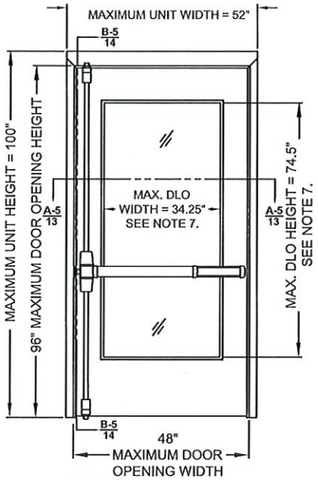
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
3	±60	±60

CONCEALED VERTICAL ROD EXIT DEVICE



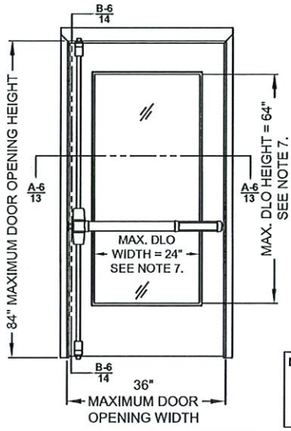
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
4	±60	±60

THREE-POINT LATCHING EXIT DEVICE



CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
5	±50	±50

THREE-POINT LATCHING EXIT DEVICE

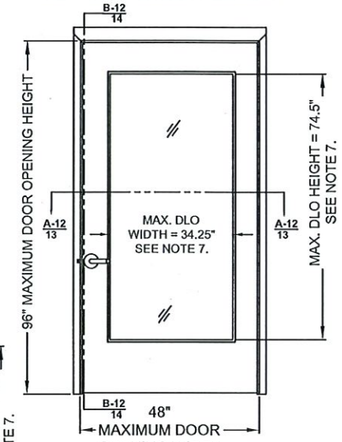


CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
6	±60	±60

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG YMF	05/20/07	
D	REVISED PER_MDBCCD YMF	01/30/09	
E	REVISED PER_MDBCCD YMF	02/04/09	
F	REVISED DWG YMF	01/04/10	
G	REVISED DWG YMF	04/09/10	
H	REVISED NAME JPD	11/01/13	
J	REVISED DWG JPD	02/01/15	
K	REVISED DWG JPD	05/05/15	
M	ENGINEER CHANGE LA	02/10/17	
N	ADDRESS UPDATE SM	02/27/20	

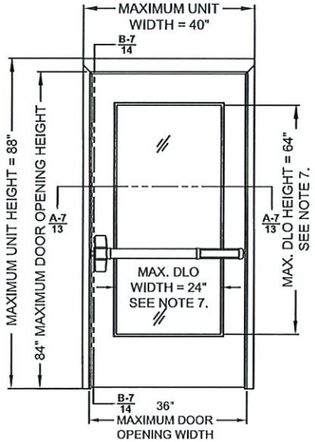
NOTE: SEE SHEETS 5 & 6 FOR THRESHOLD TYPES, WEATHERSTRIP COMPONENTS, DOOR SIZE AND DP LIMITATIONS

CYLINDRICAL LOCKSET 1/2" MIN. THROW LATCH



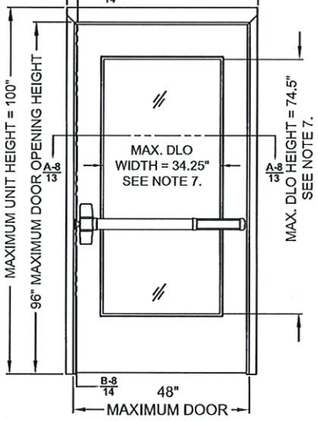
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
12	±50	±50

RIM EXIT DEVICE



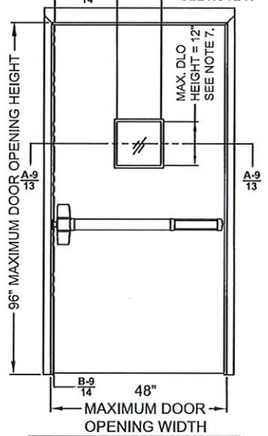
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
7	±60	±60

RIM EXIT DEVICE



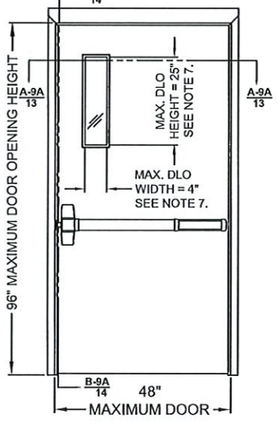
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
8	±50	±50

RIM EXIT DEVICE



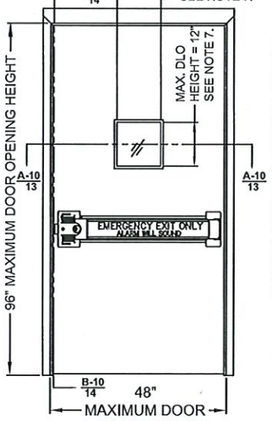
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
9	±75	±100

RIM EXIT DEVICE



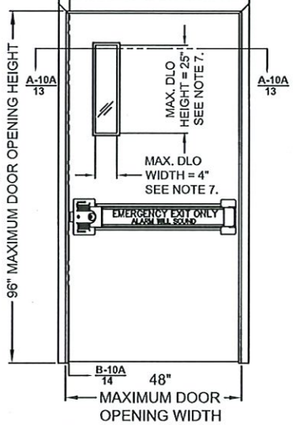
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
9A	±75	±100

EXIT ALARM LOCK



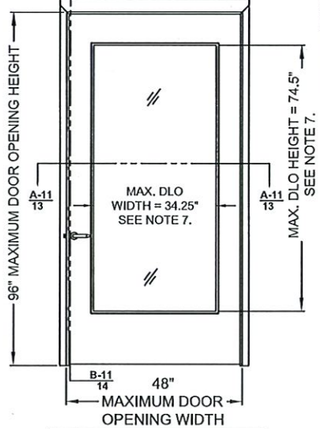
CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
10	±55	±55

EXIT ALARM LOCK



CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
10A	±55	±55

MORTISE LOCKSET WITH OR WITHOUT DEADBOLT



CONFIG.	DESIGN PRESSURE RATING, PSF	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED SEE SHEET 5	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED SEE SHEET 6
11	±50	±50

COMPLIANCE STATEMENT :

1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202 & 203-94 AND COMPLY WITH THE 2017 (6TH EDITION) FLORIDA BUILDING CODE.

NOTES:

1. INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS OF OUTSWING DOOR
2. SEE TABLE 1 ON SHEET 2 FOR GLAZING SIZE, HARDWARE APPLICATIONS AND LIMITATIONS
3. SEE SHEET 3 FOR HINGE REQUIREMENTS
4. SEE SHEET 4 FOR ANCHORING TYPES AND LIMITATIONS AND SHEET 5 & 6 FOR SILL WEATHERING INSTALLATION
5. SEE SHEET 5 TABLES 3.1 AND 3.2 FOR WATER RATED THRESHOLD AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
6. SEE SHEET 6 TABLES 4.1 AND 4.2 FOR NON WATER RATED THRESHOLD AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
7. SEE SHEET 9 FOR GLAZING OPTIONS AND DETAILS
8. DLO - DAYLIGHT OPENING SIZE, SAME AS EXPOSED GLASS. SEE SHEETS 1, 2, 8 AND 9 FOR LIMITATIONS
9. 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. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. MORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. MORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DRDPS, INC.
399 S. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS
COMMERCIAL DOOR OPENING SINGLE GLASS DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

SCALE:	NTS	AUTOCAD		SHEET	1 of 16

Door Configuration	Maximum Design Pressure, PSF		Maximum Door Opening Size, in.		Maximum DLO Size, in. (NOTE 3)		Locking Hardware Description				Comments
	Positive	Negative	Width	Height	Width	Height	Hardware Family	Model/Series	Strike Models	Brand	
1	75	75	36	84	24	64	Mortise Lock	L/LV9400/AD/CO MD	10-072	Schlage	Function with deadbolt, 3/4" min. throw latch & 1" min. throw bolt
								L/LV9000/AD/CO MS			Function w/o deadbolt, 3/4" min. throw latch
								MA	ANSI	Falcon	Function with or w/o deadbolt, 3/4" min. throw latch & 1" min. throw bolt (if applicable)
2	75	75	36	84	24	64	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	1/2" min throw latch
								T	ANSI	Falcon	1/2" min throw latch
3	60	60	36	84	24	64	Surface Vertical Rod Exit Device	98/9927(F)	299-F,499-F Top, 304L,248L4 Bottom	Von Duprin	
								(F)25-V	3788 Top, 2130 Bottom	Falcon	
4	60	60	36	84	24	64	Concealed Vertical Rod Exit Device	98/9947-F	338 Top, 385A or 304LBottom	Von Duprin	
								33/3547A -F	338 Top, 385A or 304L Bottom	Von Duprin	
								F-25-C	4188 Top, 2130 Bottom	Falcon	
5	50	50	48	96	34.25	74.5	Three-Point Latching Device	98/9957(F)	299-F,499-F Top/Middle, 304L,248L4 Bottom	Von Duprin	
6	60	60	36	84	24	64	Three-Point Latching Device	98/9957(F)	299-F,499-F Top/Middle, 304L,248L4 Bottom	Von Duprin	
7	60	60	36	84	24	64	Rim Exit Device	98/99(F)	299-F,499-F	Von Duprin	
								88-F	268	Von Duprin	
8	50	50	48	96	34.25	74.5	Rim Exit Device	98/99(F)	299-F,499-F	Von Duprin	
								88-F	268	Von Duprin	
9	75/100 SEE NOTE 2.	75/100 SEE NOTE 2.	48	96	12	12	Rim Exit Device	XP98/99(F)	909/954	Von Duprin	
9A					3 4 5	33 25 20					
10	55	55	48	96	12	12	Exit Alarm Lock	2670 Guard-X	267	Von Duprin	
10A					3 4 5	33 25 20					
11	50	50	48	96	34.25	74.5	Mortise Lock	L/LV9400/AD/CO MD	10-072	Schlage	Function with deadbolt, 3/4" min. throw latch & 1" min. throw bolt
								L/LV9000/AD/CO MS			Function w/o deadbolt, 3/4" min. throw latch
								MA	ANSI	Falcon	Function with or w/o deadbolt, 3/4" min. throw latch & 1" min. throw bolt (if applicable)
12	50	50	48	96	34.25	74.5	Cylindrical Lock	D/ND/AD/CO CYL	10-025	Schlage	1/2" min throw latch
								T	ANSI	FALCON	1/2" min throw latch

TABLE 1.

NOTES:
1. SEE SHEETS 10, 11 & 12 FOR LOCKING HARDWARE.
2. DOOR CONFIGURATIONS 9 AND 9A ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD 12A OR FOR DOOR OPENINGS UP TO 3'-0" X 7'-0" WITH NGP THRESHOLD 12B AND ±50 PSF FOR DOOR OPENINGS UP TO 4'-0" X 8'-0" WITH NGP THRESHOLD 12B WHEN WATER INFILTRATION REQUIREMENT IS NEEDED. SEE SHEET 5
2.1 DOOR CONFIGURATIONS 9 AND 9A ARE RATED FOR A MAXIMUM DESIGN PRESSURE UP TO ±75PSF WITH ZERO INT'L THRESHOLD OPTIONS AND UP TO ±100 PSF WITH NGP THRESHOLD OPTIONS WHEN WATER INFILTRATION REQUIREMENT IS NOT NEEDED. SEE SHEET 6
3. DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS. SEE SHEETS 1, 2, 8 & 9 FOR GLAZING TYPES, DETAILS AND LIMITATIONS.

REVISIONS

LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
C	REVISED DWG	RAP	12/12/07	
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 PER_MFR	YMF	05/18/09	
H	REVISED PER_MFR	YMF	04/09/10	
J	REVISED NAME	JPD	11/01/13	
K	REVISED DWG	JPD	02/01/15	
M	ENGINEER CHANGE	LA	02/24/17	
N	ADDRESS UPDATE	SM	02/27/20	

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3.4.2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

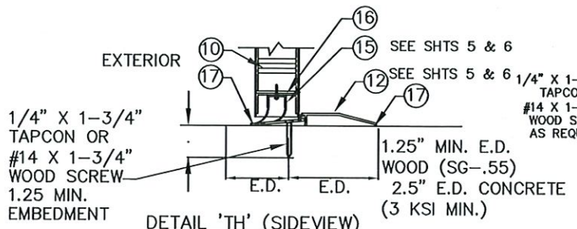
GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS
COMMERCIAL DOOR OPENING SINGLE GLASS DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

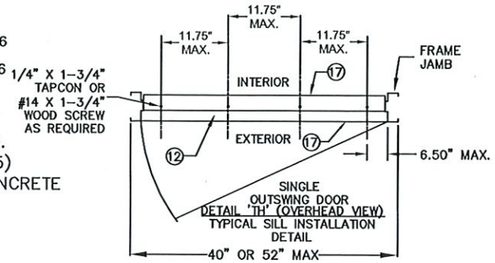
SCALE: NTS | AUTOCAD | SHEET 2 of 16

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 16 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 13 FOR HORIZONTAL CROSS–SECTIONS, SEE SHEET 14 FOR VERTICAL CROSS–SECTIONS.
9. INSTALL REINFORCEMENT CHANNELS AROUND EACH LITE–CUTOUT.
10. ELECTRICAL INSTALLATION AND FIRE RATINGS ARE UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
11. 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.
12. TYPICAL SILL INSTALLATION SHALL BE ANCHORED PER OVERHEAD AND SIDEVIEW VIEW TH DETAILS ON THIS SHEET.
13. DAYLIGHT OPENING (DLO) IS THE SAME AS EXPOSED GLASS. SEE SHEETS 1, 2, 8 AND 9 FOR LIMITATIONS & GLAZING TYPES.
14. 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.



DETAIL 'TH' (SIDEVIEW)
TYPICAL SILL DETAIL
WOOD OR CONCRETE SILL
E.D.= EDGE DISTANCE

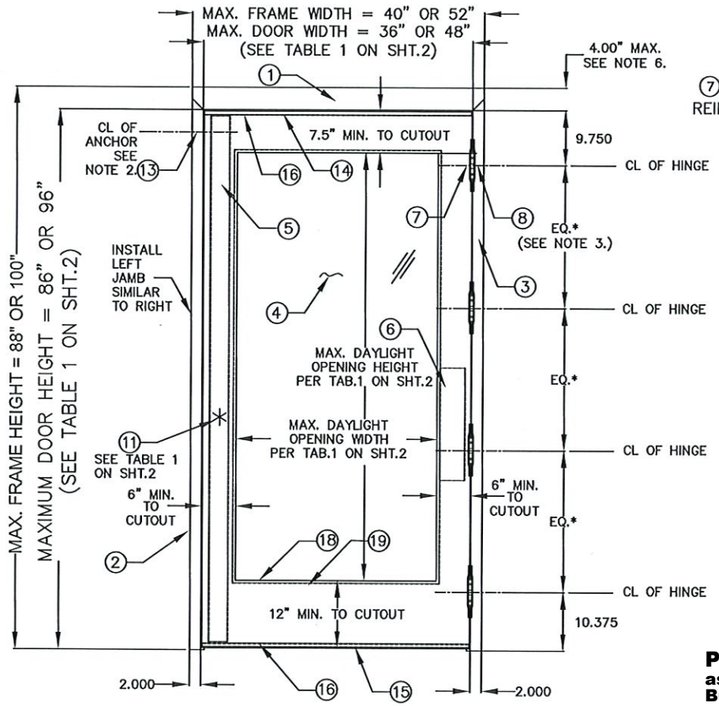


REVISIONS

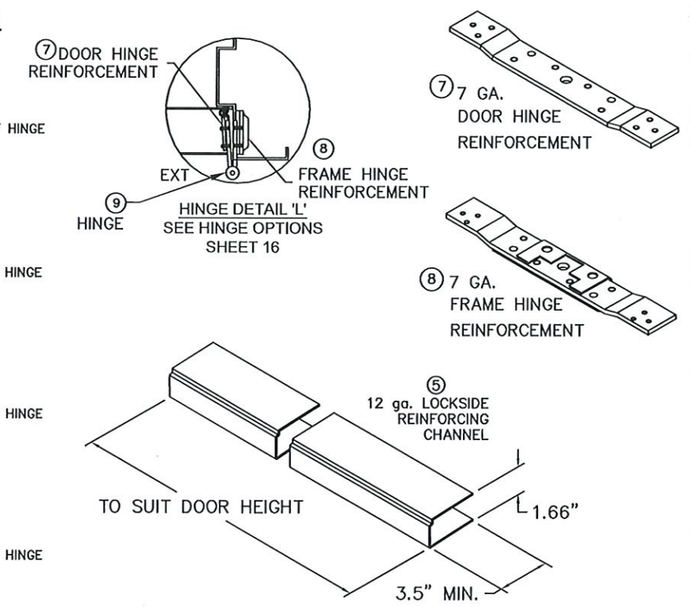
LTR	DESCRIPTION			DATE	APPROVED
A	APPROVAL	DWG.	YMF	05/20/07	
F	REVISED	PER_MDBCCO	YMF	02/04/09	
G	REVISED	DWG	YMF	01/04/10	
H	REVISED	DWG	YMF	04/09/10	
J	REVISED	NAME	JPD	11/01/13	
K	REVISED	DWG	JPD	02/01/15	
L	REVISED	DWG	JPD	05/05/15	
M	ENGINEER	CHANGE	LA	02/24/17	
N	ADDRESS	UPDATE	SM	02/27/20	

TABLE 2.

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE, MAX.
1	1	HEAD SEE SHT 7 ASTM A366	.053" MIN. STL	MAX. 52" SEE ELEVATION ON SHT.1
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'
		14B)188S 14C)117S 14D)8144S 14E)8150S DOOR SEAL ZERO	SILICONE	
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	.032" MIN. STL	
		2) STEEL OVERLAPPING TRIM		
		3) STEEL OVERLAPPING TRIM		
		4) HIGH SECURITY VISION FRAME SG–10 BY ANEMOSTAT	.093"(12GA) MIN. STL.	
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'
		21B PS074 DOOR SEAL BY STEELCRAFT	TPE SEE SHEET 5	
22	2	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 MAX. 36" OR 48" FOR DOOR
		25B 11 RAIN DRIP BY ZERO INT'L		
		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"



OUTSWING SINGLE GLASS DOOR
(EXERIOR VIEW)



PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
395 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE C.ERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	DATE
YMF	05/20/07
CHECKED	
APPROVED	
ENG. APPVL JPD	11/15/07

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

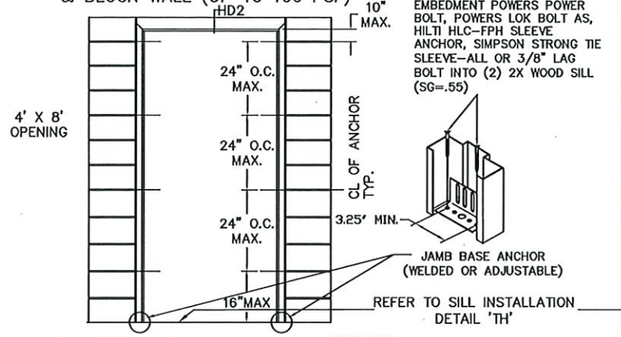
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

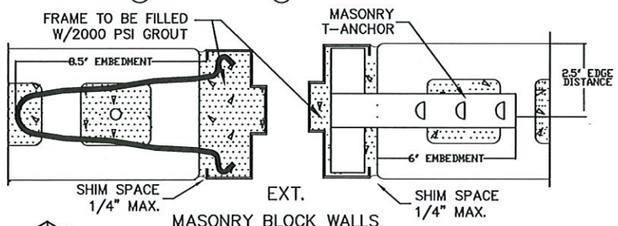
TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES

H–SERIES SINGLE GLASS DOORS (OUTSWING)

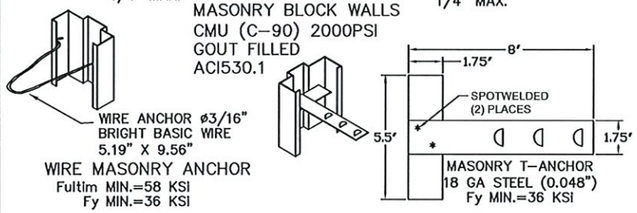
SIZE	FLAT	DWG NO.	REV
		IRGS07	N
SCALE: NTS	AUTOCAD		SHEET 3 of 16

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



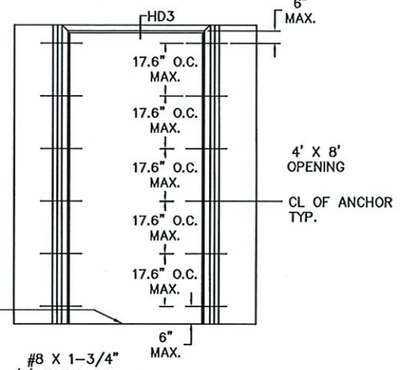


MASONRY BLOCK WALLS
CMU (C-90) 2000PSI
GOUT FILLED
ACI530.1

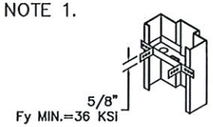


WIRE MASONRY ANCHOR
Fultim MIN.=58 KSI
Fy MIN.=36 KSI

B WOOD STUD ANCHOR (UP TO 100 PSF)

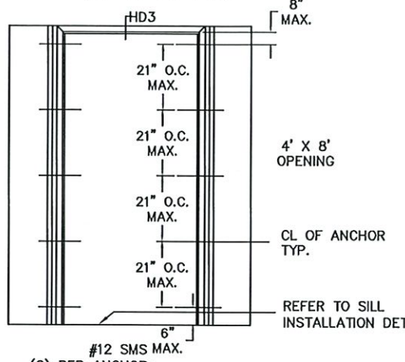


*WOOD STUD WALLS SEE NOTE 1.

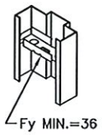


WOOD STUD OR UNIVERSAL ANCHOR (LOCK-IN OR WELD-IN)

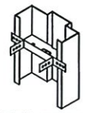
C STEEL STUD ANCHOR (UP TO 100 PSF)



*STEEL STUD WALLS. SEE NOTE 1.



STEEL STUD ANCHOR WELD-IN OR LOCK-IN

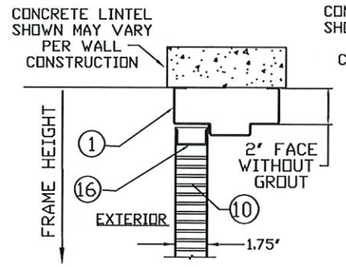


UNIVERSAL ANCHOR WELD-IN OR LOCK-IN

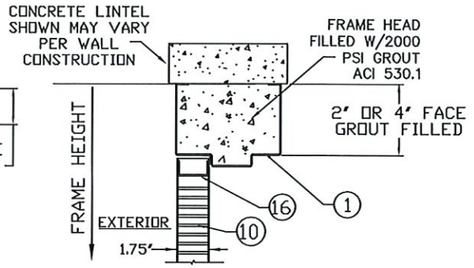
NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF,AND 416#/FT. FOR ASSEMBLIES RATED @100 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS 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

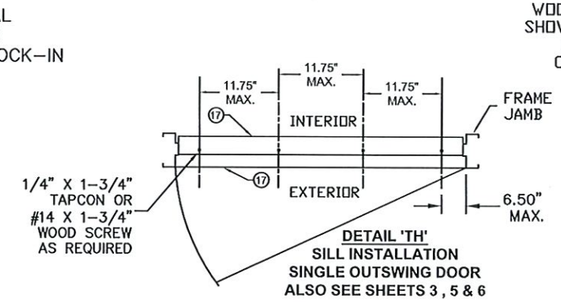
LTR	DESCRIPTION			DATE	APPROVED
D	REVISED	DWG	YMF	08/01/08	
F	REVISED	DWG	YMF	01/30/09	
G	REVISED	DWG	YMF	01/04/10	
H	REVISED	DWG	YMF	04/09/10	
J	REVISED	NAME	JPD	11/01/13	
K	REVISED	DWG	JPD	02/01/15	
L	REVISED	DWG	JPD	05/05/15	
M	ENGINEER	CHANGE	LA	02/10/17	
N	ADDRESS	UPDATE	SM	02/27/20	



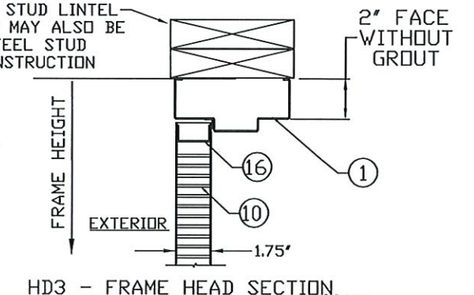
HD1 - FRAME HEAD SECTION



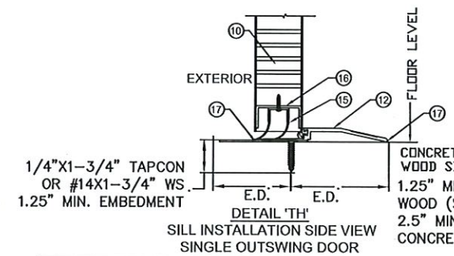
HD2 - FRAME HEAD SECTION



DETAIL 'TH'
SILL INSTALLATION
SINGLE OUTSWING DOOR
ALSO SEE SHEETS 3 , 5 & 6



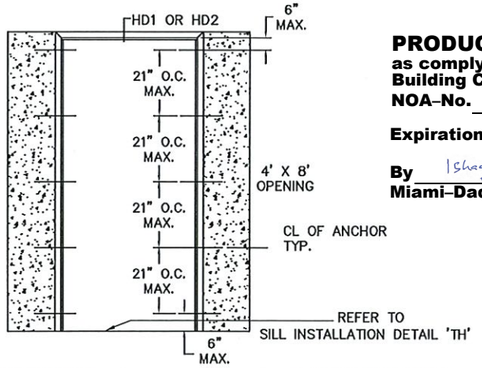
HD3 - FRAME HEAD SECTION



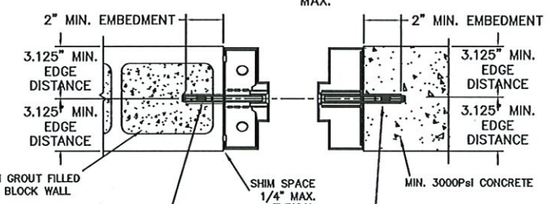
DETAIL 'TH'
SILL INSTALLATION SIDE VIEW
SINGLE OUTSWING DOOR

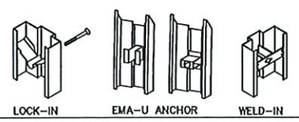
CONCRETE OR WOOD SILL
1.25" MIN. EDGE DISTANCE (E.D.) INTO WOOD (SG=.55)
2.5" MIN. EDGE DISTANCE (E.D.) INTO CONCRETE (3 KSI MIN.)

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

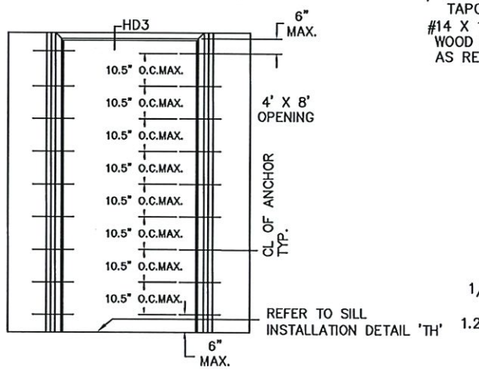


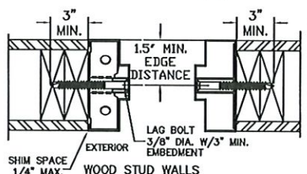
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

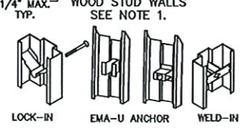




E EXISTING MASONRY ANCHOR (EMA) WITH LAG BOLT INTO WOOD STUD WALL (UP TO 100 PSF)







HERMES E. MORERO
LICENSE
NO. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
3-4-2020
HERMES E. MORERO, P.E.
FLORIDA P.E. NO.73778
BUILDING DROPS, INC.
399 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

MANUFACRURING 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

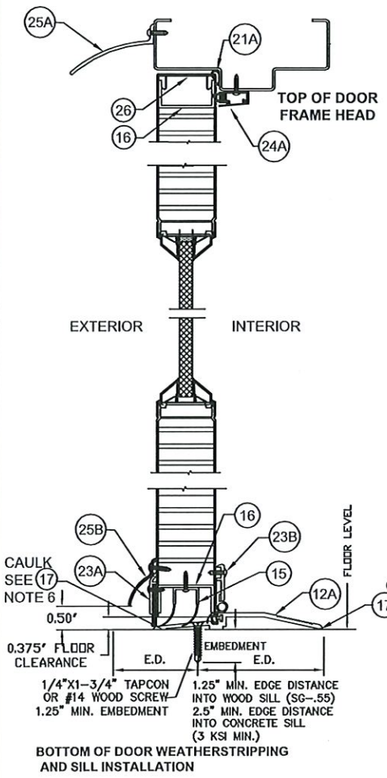
FRAME ANCHOR DETAILS & INSTALLATION CONDITIONS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N
SCALE: NTS	AUTOCAD		SHEET 4 of 16

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

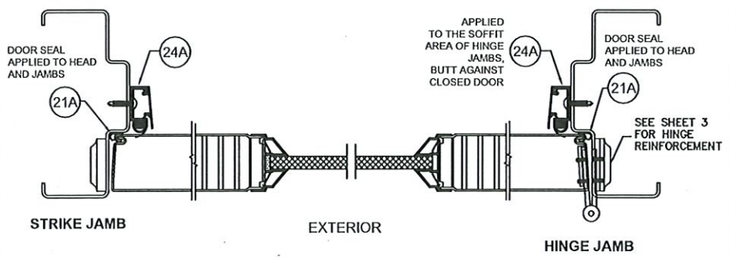
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
21A	188S DOOR SEAL	ZERO INT'L
23A	139 DOOR SWEEP	ZERO INT'L
23B	328 DOOR SWEEP	ZERO INT'L
24A	475 ADJUSTABLE SEAL	ZERO INT'L
25A	142 RAIN DRIP	ZERO INT'L
25B	11 RAIN DRIP	ZERO INT'L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

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)



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6



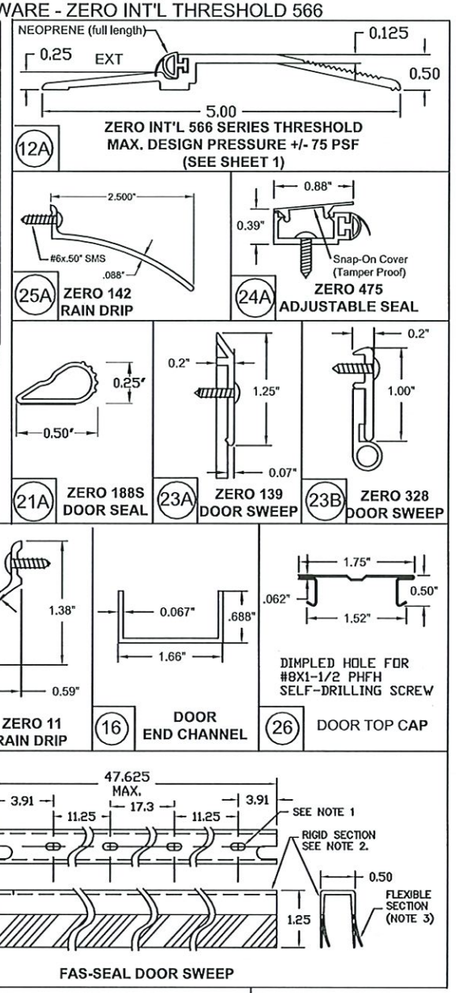
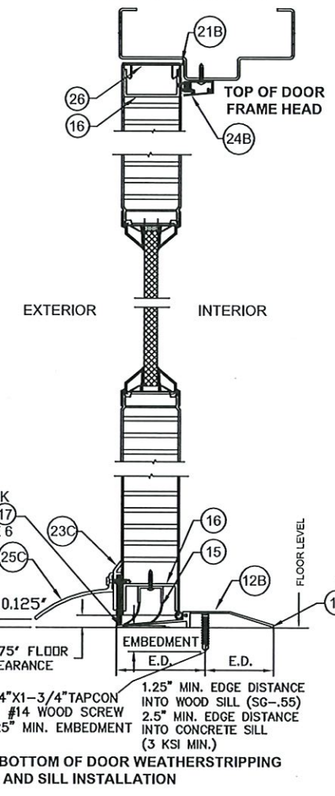


TABLE 3.2 WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

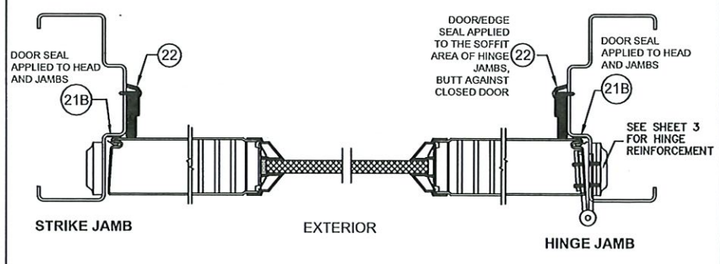
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
21B	PS074 DOOR SEAL	STEELCRAFT
22	202N DOOR SEAL	NGP
23C	200N DOOR SWEEP	NGP
24B	170N ADJUSTABLE SEAL	NGP
25C	16A RAIN DRIP	NGP
26	DOOR TOP CAP	STEELCRAFT

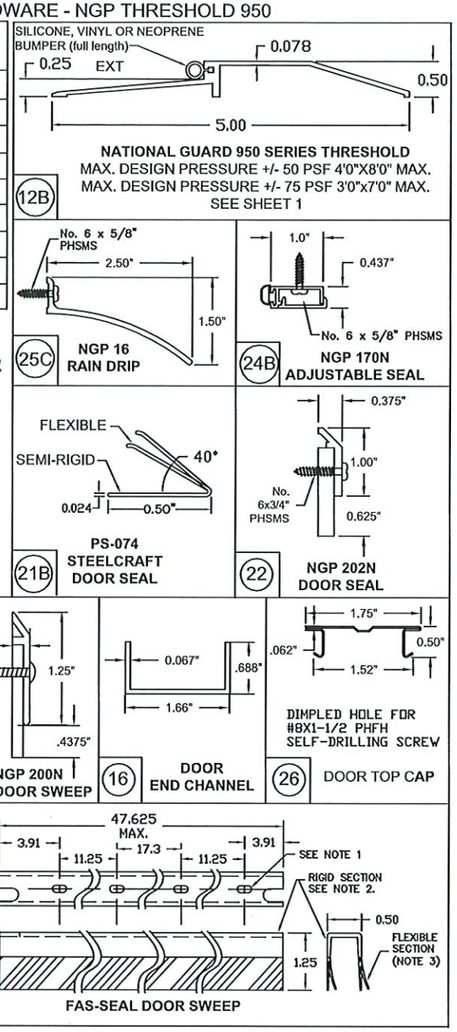
NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0" MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS, SHEET 1)



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6





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

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
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	

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 30, 2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO.73778
BUILDING DROPS, INC.
395 E. DANIA BEACH BLVD. #238
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

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

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

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

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 REQUIRED

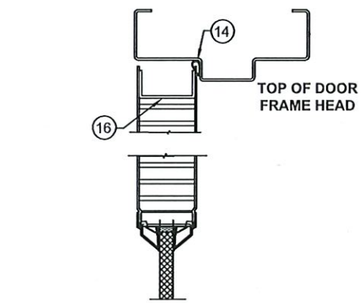
SIZE	FLAT	DWG NO.	REV
		IRGS07	N

SCALE: NTS | AUTOCAD | SHEET 5 of 16

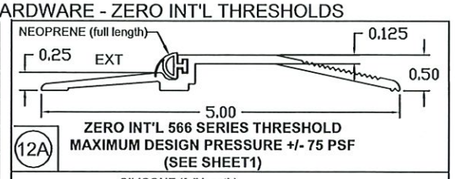
TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

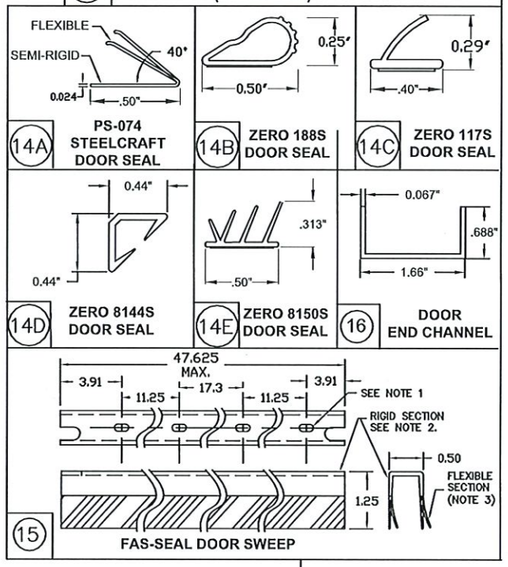
ITEM NUMBER	MODEL No./ DESCRIPTION		MFG.
12	12A	566 THRESHOLD	ZERO INT'L
	12C	65 THRESHOLD	ZERO INT'L
	12D	568 THRESHOLD	ZERO INT'L
14	14A	PS074 DOOR SEAL	STEELCRAFT
	14B	188S DOOR SEAL	ZERO INT'L
	14C	117S DOOR SEAL	ZERO INT'L
	14D	8144S DOOR SEAL	ZERO INT'L
	14E	8150S DOOR SEAL	ZERO INT'L
15		FAS-SEAL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

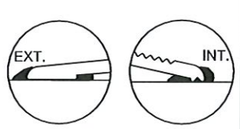
ZERO INT'L 566, 65 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED MAXIMUM DESIGN PRESSURE RATING 75PSF - MAXIMUM DOOR SIZE 4'-0" X 8'-0" (SEE ELEVATIONS, SHEET 1)



BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION







TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6

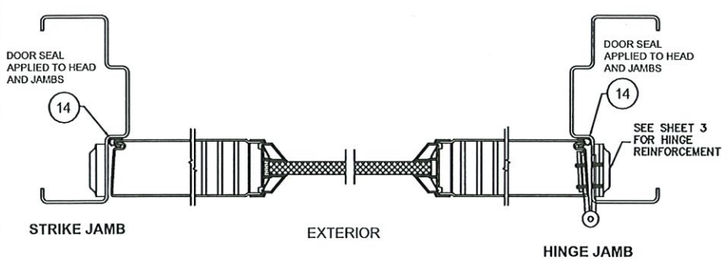
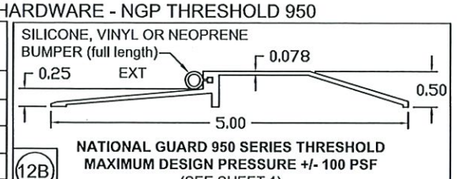
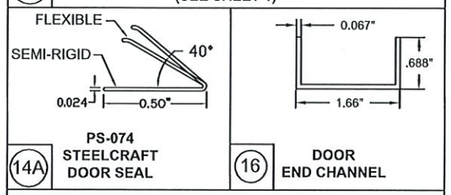


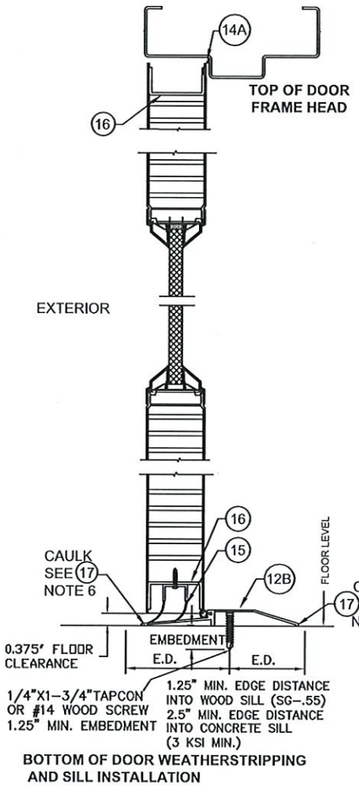
TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

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

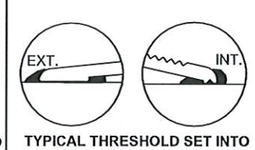
NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED - MAXIMUM DESIGN PRESSURE 100 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS, SHEET1)



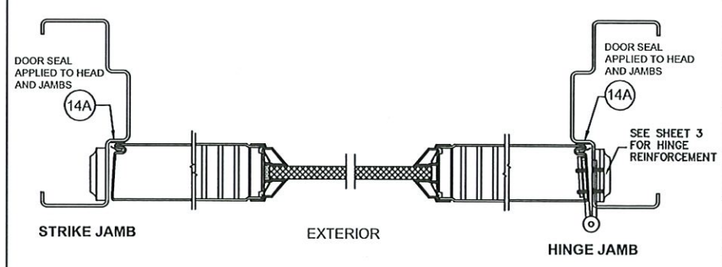




BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION



TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6



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

REVISIONS

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	

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-11-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO.73778
BUILDING DROPS, INC.
3959 DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE/CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	YMF	05/20/07
CHECKED		
APPROVED		
ENG. APPVL	JPD	10/11/07

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

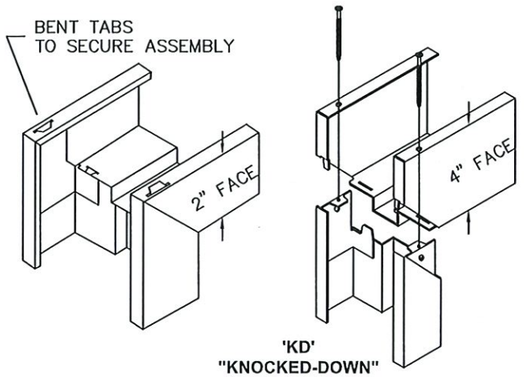
MANUFACTURING FACILTITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

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

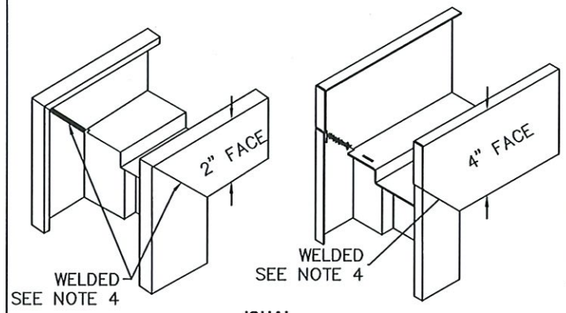
SINGLE GLAZED DOOR PERIMETER SEAL HARDWARE
APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

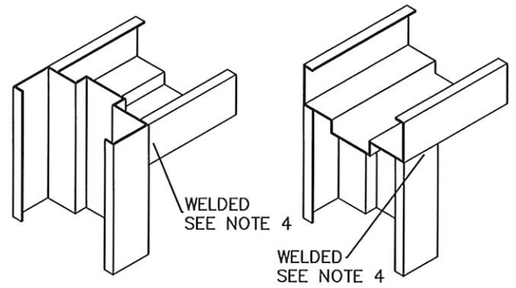
SCALE: NTS | AUTOCAD | SHEET 6 of 16



'KD'
"KNOCKED-DOWN"
ASSEMBLY

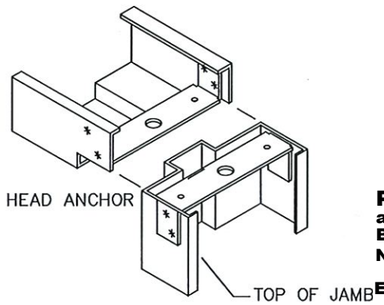


'SUA'
SET-UP AND ARC-WELDED
ASSEMBLY



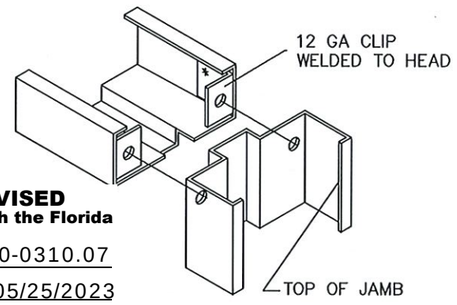
HEAD NOTCHED
AND BUTTED BETWEEN JAMBS

HEAD SITS ON TOP
OF NOTCHED JAMBS

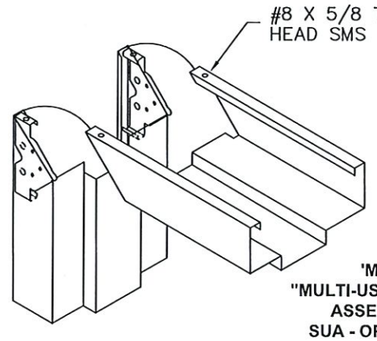


HEAD NOTCHED
AND BOLTED ON TOP OF JAMBS

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control



HEAD NOTCHED
AND BOLTED BETWEEN JAMBS



'MU'
"MULTI-USE" SERIES
ASSEMBLY
SUA - OPTIONAL

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
C	REVISED DWG	RAP	12/12/07	
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	

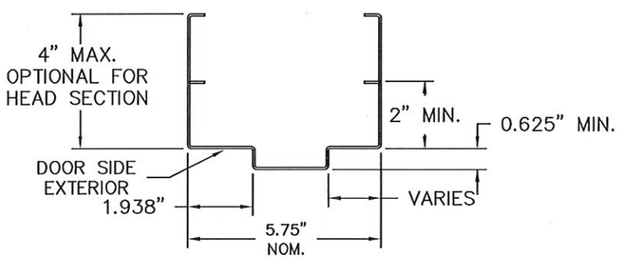
TABLE 5. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

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"

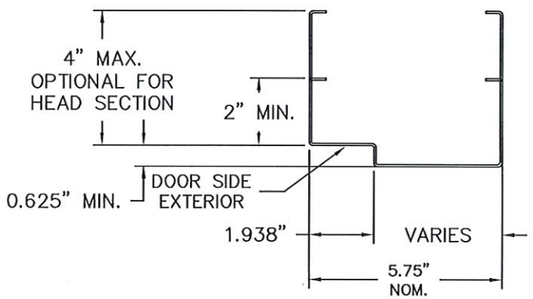
TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

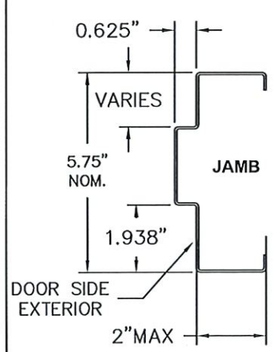
FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	VARIES SEE SHT 2 TABLE 1		CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" NOM.	VARIES SEE SHT 2 TABLE 1		CRS/HRS GALV	16/.053" 14/.067"

TYPICAL FRAME PROFILE
DOUBLE RABBET

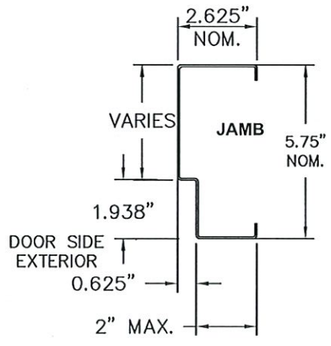


OPTIONAL FRAME PROFILE
SINGLE RABBET





TYPICAL FRAME PROFILE
DOUBLE RABBET



OPTIONAL FRAME PROFILE
SINGLE RABBET

NOTES:

1. 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)

2. 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)

3. FOR DOOR AND FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7.

4. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND, SMOOTH, PRIME, & PAINT. WELD CLASIFICATION – E70XX

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		
SS: 304,316	A240	MIN. 41.5	MIN. 73.2

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
3-11-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING PRODUCTS INC.
995 E. DANIA BEACH BLVD. #316
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	DATE
YMF	05/20/07
CHECKED	
APPROVED	
ENG. APPVL JPD	11/15/07

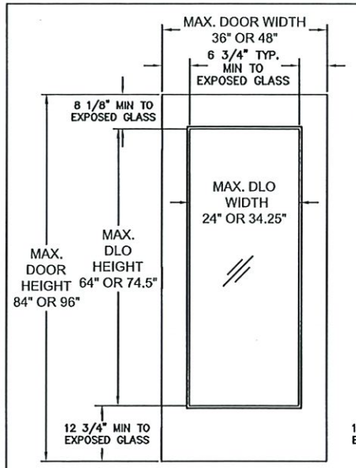
SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032

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

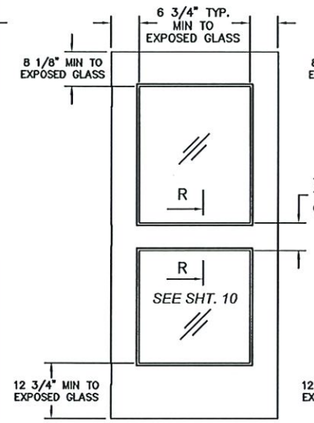
TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES
FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

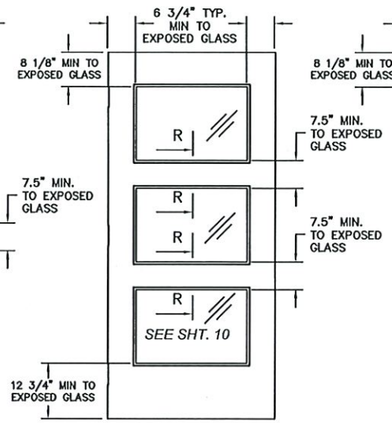
SCALE: NTS | AUTOCAD | SHEET 7 of 16



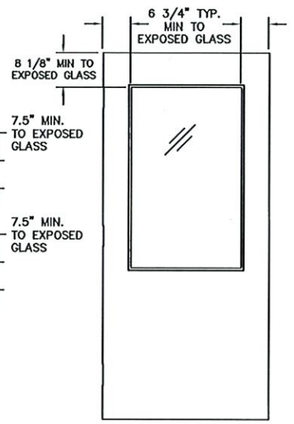
FG-LITE
FULLY GLAZED



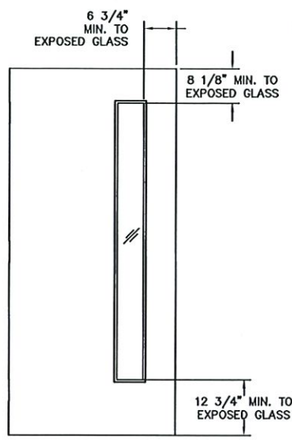
FG2-LITE
HORIZONTAL MID-RAIL



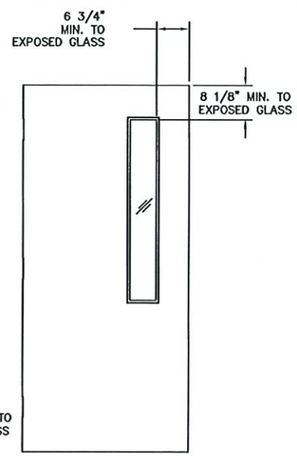
FG3-LITE
2 HORIZONTAL MID-RAILS



G-LITE
HALF GLASS

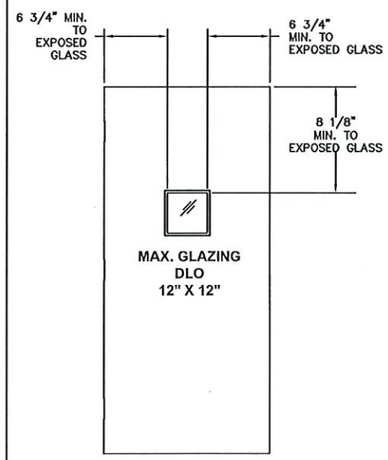


LNL
LONG NARROW LITE

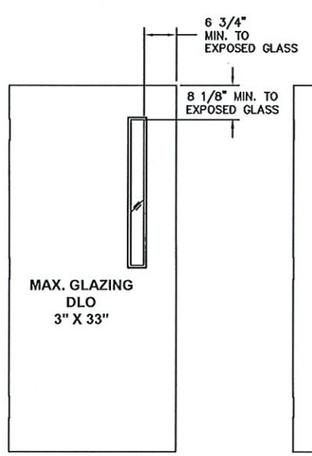


N
NARROW LITE

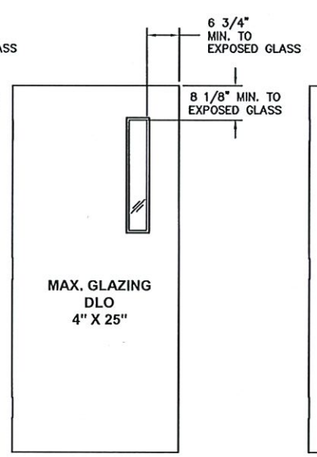
REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
C	REVISED DWG	RAP	12/12/07	
D	REVISED DWG	YMF	07/29/08	
E	REVISED PER_MDBCCO	YMF	01/30/09	
F	REVISED PER_MDBCCO	YMF	02/04/09	
G	REVISED DWG	YMF	01/04/10	
H	REVISED DWG	YMF	04/09/10	
J	REVISED NAME	JPD	11/01/13	
K	REVISED DWG	JPD	02/01/15	
L	ENGINEER CHANGE	LA	03/14/17	
N	ADDRESS UPDATE	SM	02/27/20	



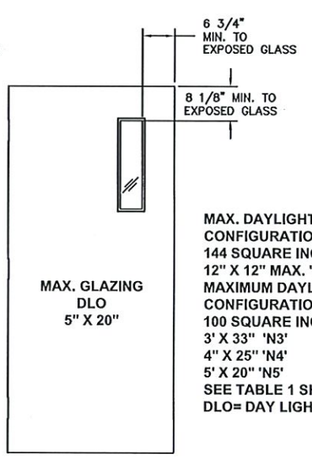
V
VISION LITE



N3

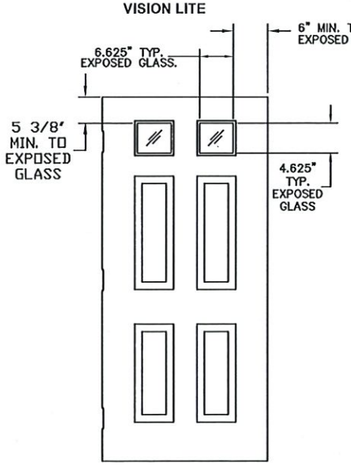


N4

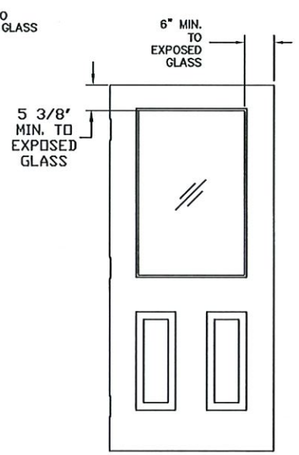


N5

MAX. DAYLIGHT OPENING FOR CONFIGURATIONS 9 AND 10 IS 144 SQUARE INCHES
12" X 12" MAX. 'V' VISION LITE
MAXIMUM DAYLIGHT OPENING FOR CONFIGURATIONS 9A AND 10A IS 100 SQUARE INCHES DLO
3' X 33" 'N3'
4" X 25" 'N4'
5' X 20" 'N5'
SEE TABLE 1 SHEET 2
DLO= DAY LIGHT OPENING

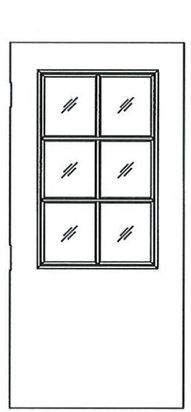


E4 TL

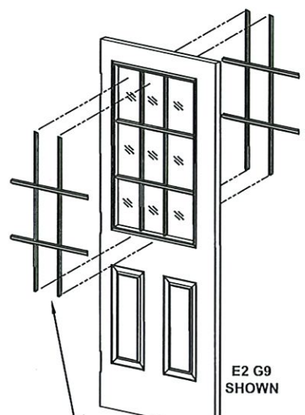


E2 G

EMBOSSED PANEL DOORS



SURFACE APPLIED MUNTINS
(FALSE DIVIDERS)
MUNTIN ARRANGEMENT
MAY VARY



MUNTIN ASSEMBLY
SURFACE MOUNTED
TO THE GLASS

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

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0310.07

Expiration Date 05/25/2023

By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. NORERO LICENSE NO. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
05-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING GROUP, INC.
3399 DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	DATE
YMF	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

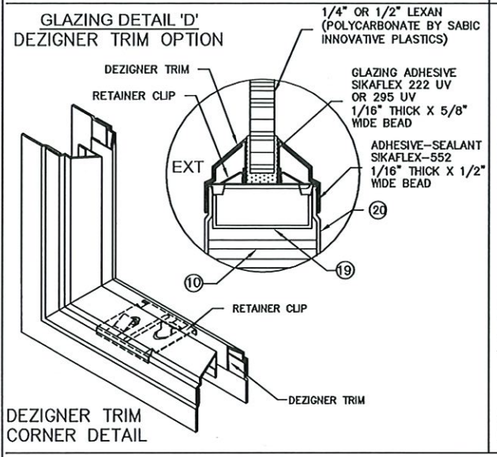
TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES

GLASS DOOR CONFIGURATIONS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N
SCALE: NTS	AUTOCAD		SHEET 8 of 16

GLAZING TYPE 1

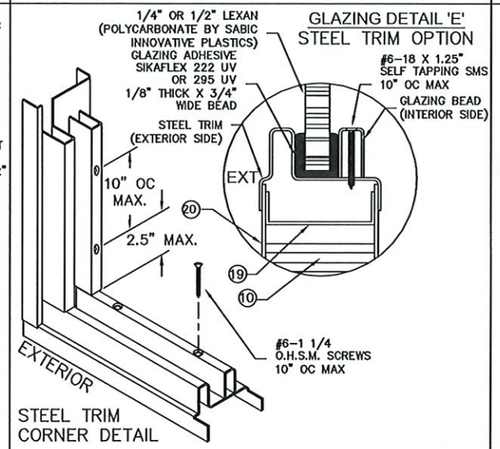
GLAZING DETAIL 'D'
DEZIGNER TRIM OPTION



DEZIGNER TRIM
CORNER DETAIL

GLAZING TYPE 1

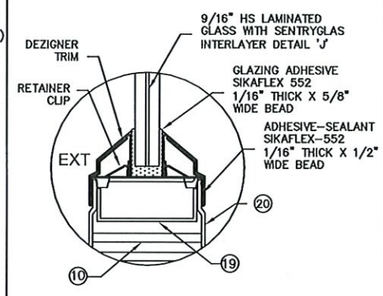
GLAZING DETAIL 'E'
STEEL TRIM OPTION



STEEL TRIM
CORNER DETAIL

GLAZING TYPE 2

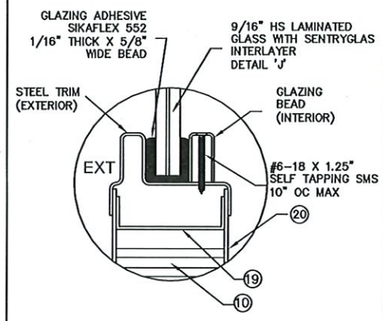
GLAZING DETAIL 'K'
LAMINATED GLASS



DEZIGNER TRIM

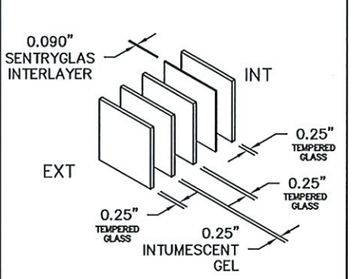
GLAZING TYPE 2

GLAZING DETAIL 'L'
LAMINATED GLASS

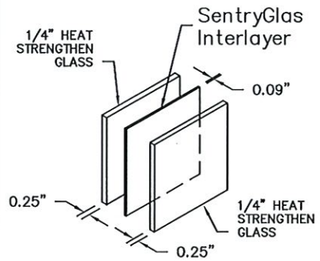


STEEL TRIM

LAMINATED GLASS DETAILS



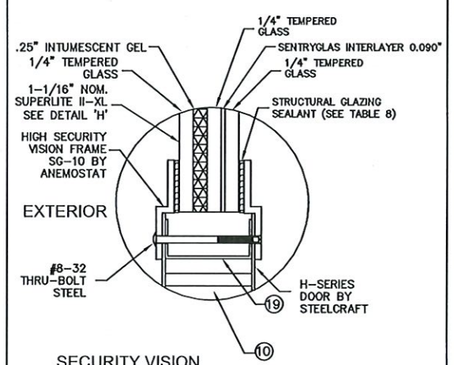
CONSTRUCTION DETAIL 'H'
INTUMESCENT GLASS
1-1/16" SUPERLITE II-XL™
BY SAFTI
WITH SENTRYGLAS INTERLAYER



CONSTRUCTION DETAIL 'J'
9/16" HS LAMINATED GLASS WITH
SENTRYGLAS INTERLAYER

GLAZING TYPE 3

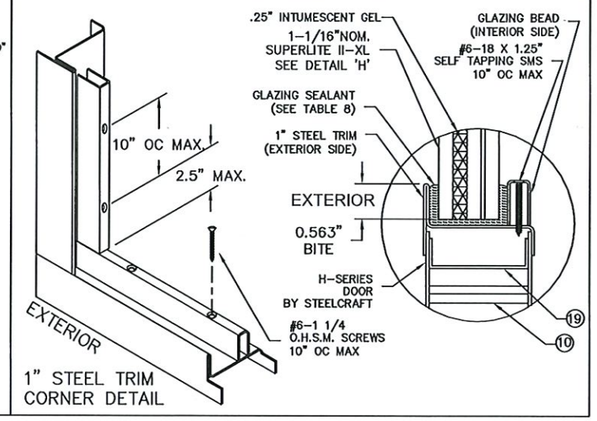
GLAZING DETAIL 'F'
VISION FRAME OPTION



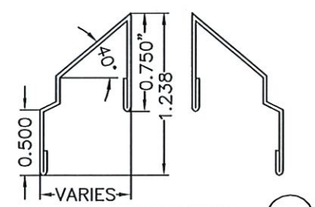
SECURITY VISION
FRAME SG-10 BY ANEMOSTAT
PROFILE SHOWN FOR 1-1/16" GLASS

GLAZING TYPE 3

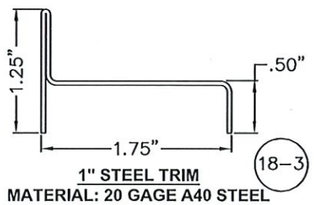
GLAZING DETAIL 'G'
1" STEEL TRIM OPTION



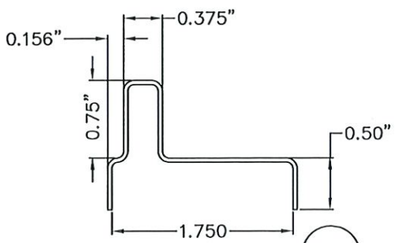
1" STEEL TRIM
CORNER DETAIL



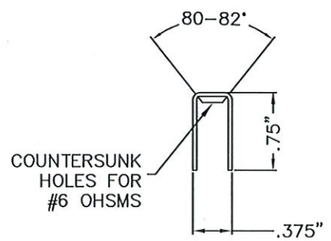
DEZIGNER TRIM PROFILE (18-1)
MATERIAL: 24 GA A40 STEEL



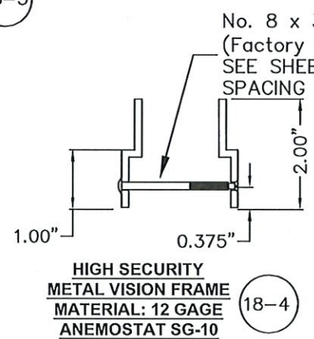
1" STEEL TRIM (18-3)
MATERIAL: 20 GAGE A40 STEEL



STEEL TRIM (18-2)
MATERIAL: 20GA A40 STEEL



GLAZING BEAD FOR
STEEL OVERLAPPING
TRIMS
20 GAGE A40 STL



HIGH SECURITY
METAL VISION FRAME
MATERIAL: 12 GAGE
ANEMOSTAT SG-10 (18-4)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

NOTES:

1. SEE SHT.1 FOR ELEVATIONS, SHT.2 FOR SIZES AND SHT.7 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.
2. SEE SHT. 4 FOR WALL CONSTRUCTION, ANCHOR REQUIREMENTS AND ANCHORING SYSTEMS
3. SEE SHT. 7 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. APPROVED HARDWARE ON SHEETS 1, 2, 3, 5, 6, 10, 11, 12 AND 16 TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING TROPICS, INC.
1398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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 DOOR WITH AND WITHOUT PANIC EXIT DEVICES
GLASS TRIM OPTIONS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

SCALE: NTS | AUTOCAD | SHEET 9 of 16

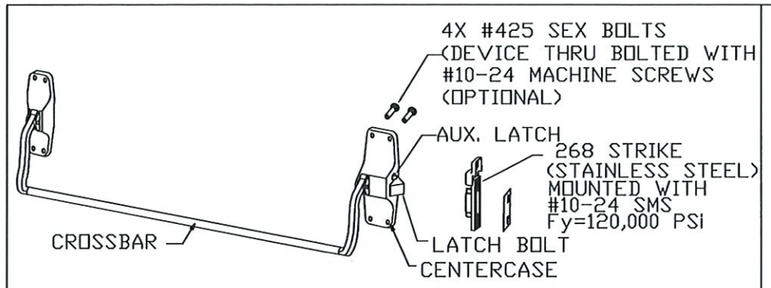
REVISIONS

LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG.	YMF	05/20/07	
C	REVISED DWG.	RAP	12/12/07	
D	REVISED DWG.	YMF	08/06/08	
E	REVISED PER_MDBCCO	YMF	01/30/09	
F	REVISED PER_MDBCCO	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 UPDATE	SM	02/27/20	

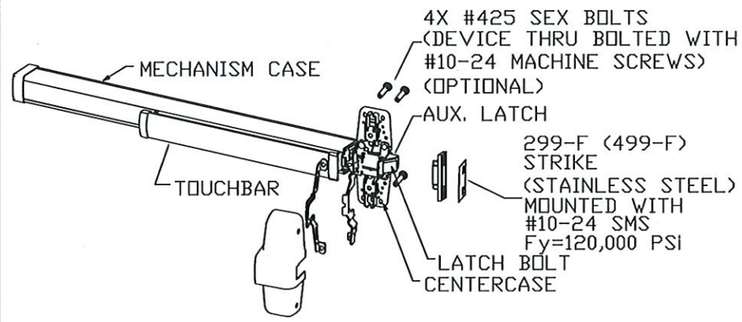
TABLE 8.

GLAZING TYPES AND METHODS

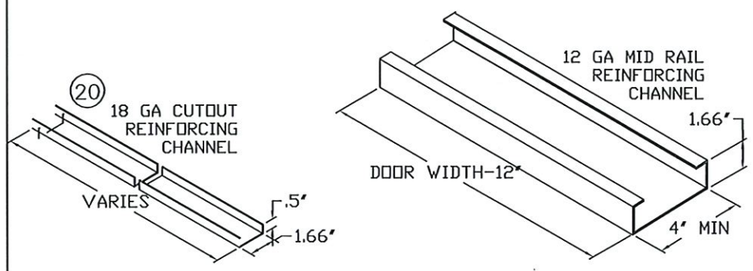
GLAZING TYPE	GLAZING MATERIAL	TRIM TYPE	GLAZING SEALANT
1	LEXAN BY SABIC INNOVATIVE PLASTICS 1/4" OR 1/2" DETAILS 'D' & 'E'	DEZIGNER 1/2" OR 1/4"	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		STEEL TRIM	
2	9/16" HS LAMINATED GLASS WITH SENTRYGLAS INTERLAYER DETAILS 'J', 'K' & 'L'	DEZIGNER 1/2"	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		STEEL TRIM	
		1" STEEL TRIM	
3	1-1/16" SUPERLITE II-XL™ BY SAFTI WITH 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')	



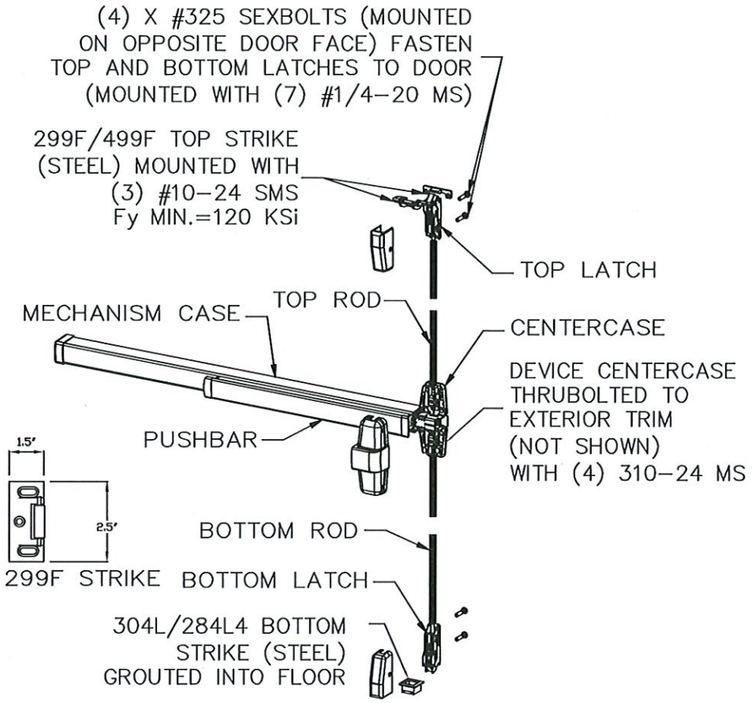
VON DUPRIN 88-F RIM DEVICE, USED IN CONFIGURATIONS: 7 & 8



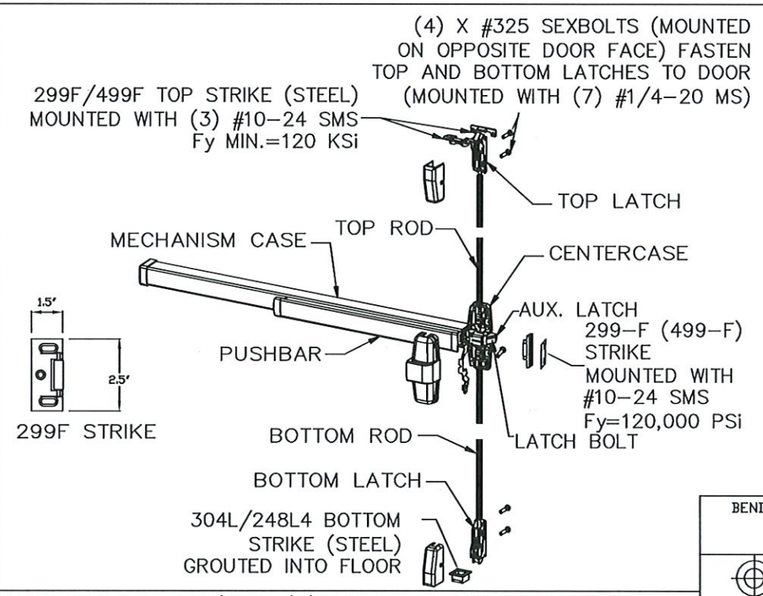
VON DUPRIN 98/99(F) RIM DEVICE
USED IN CONFIGURATIONS: 7 & 8



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 - FUNCTIONS E, RX, LX, SS, EL, QEL, CX, F;(OPTIONS MAY VARY PER SERIES)
TRIM: ALL APPLICABLE TRIMS AVAILABLE.
FOR 88-F SERIES - FUNCTION E; TRIM: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.



VON DUPRIN 98/9927(F) SURFACE VERTICAL ROD EXIT DEVICE
USED IN CONFIGURATIONS: 3

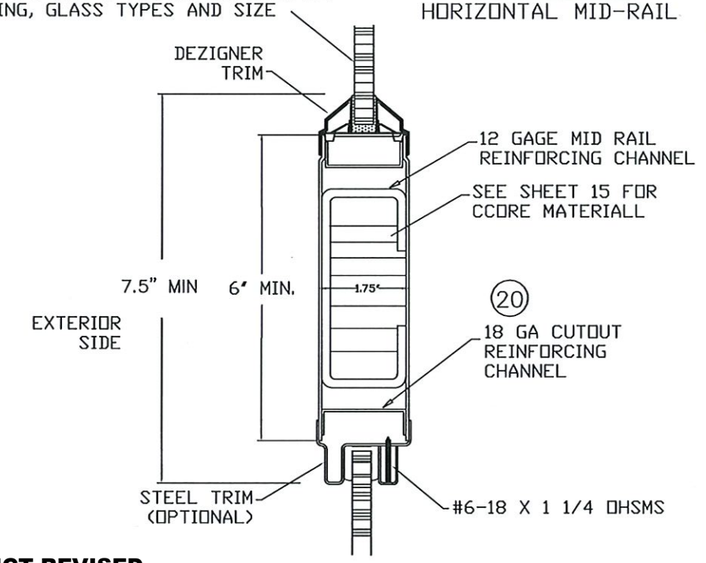


VON DUPRIN 98/9957(F)THREE-POINT EXIT DEVICE
USED IN CONFIGURATIONS: 5 & 6

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
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 UPDATE	SM	02/27/20	

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

SECTION R-R
HORIZONTAL MID-RAIL



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-24-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO.73778
BUILDING PROPS, INC.
288 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN: YMF	DATE: 05/20/07
CHECKED	CDATE
APPROVED	ADATE
ENG. APPVL: JPD	EDATE: 11/15/07

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

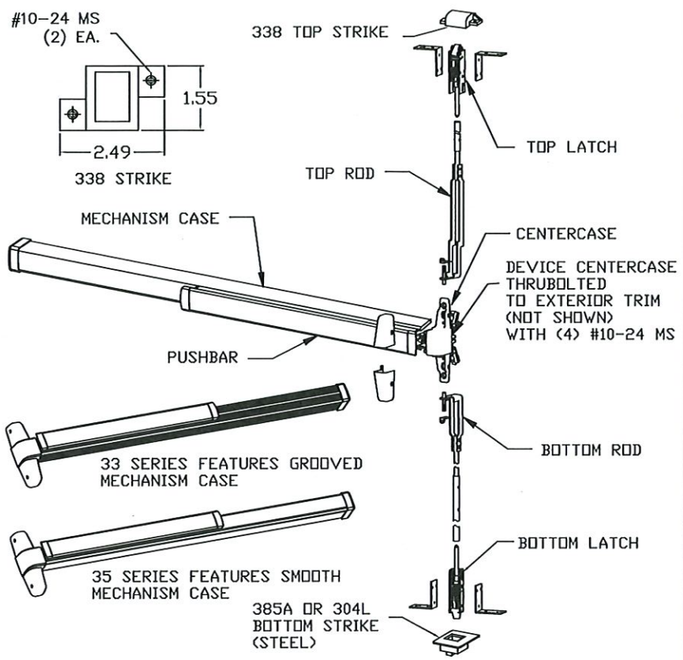
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

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

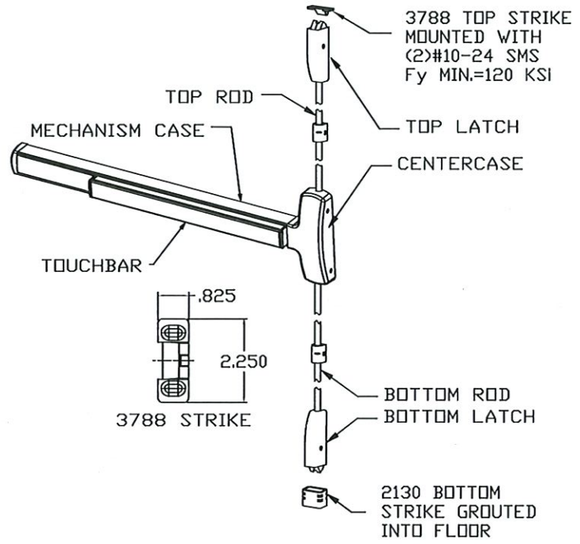
EXIT HARDWARE FOR GLASS SINGLE DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

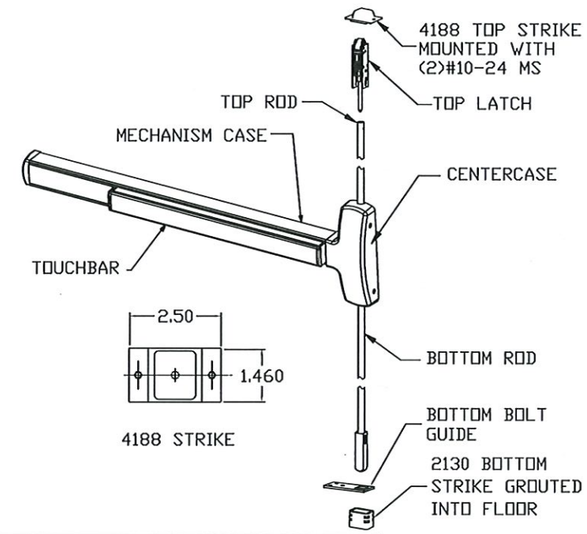
SCALE: NTS | AUTOCAD | SHEET 10 of 16



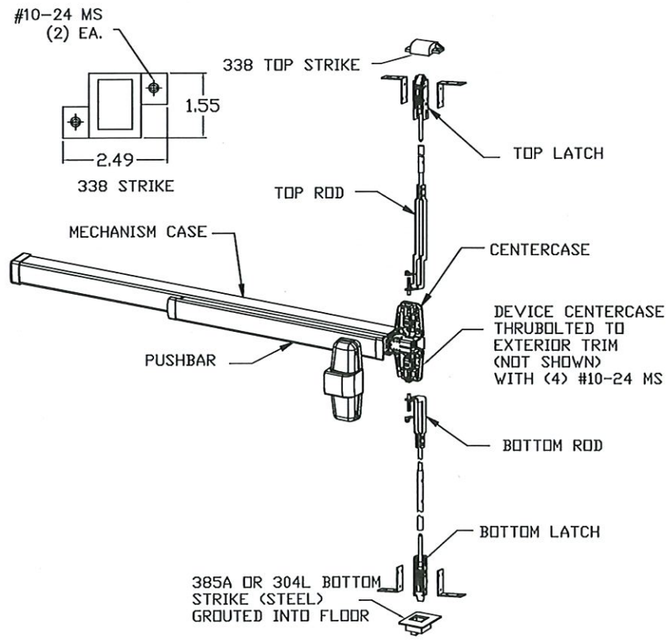
VON DUPRIN SERIES 33/3547A-F
USED IN CONFIGURATIONS: 4



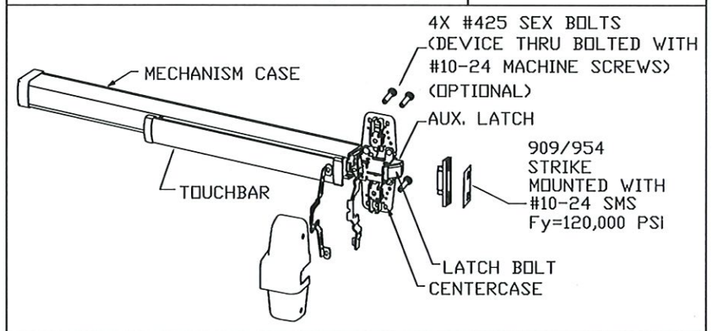
FALCON (F)25-V, SURFACE VERTICAL ROD EXIT DEVICE
USED IN DOOR CONFIGURATION 3 (SEE SHT.1)



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



VON DUPRIN 98/9947-F (CONCEALED) VERTICAL ROD
USED IN CONFIGURATIONS: 4

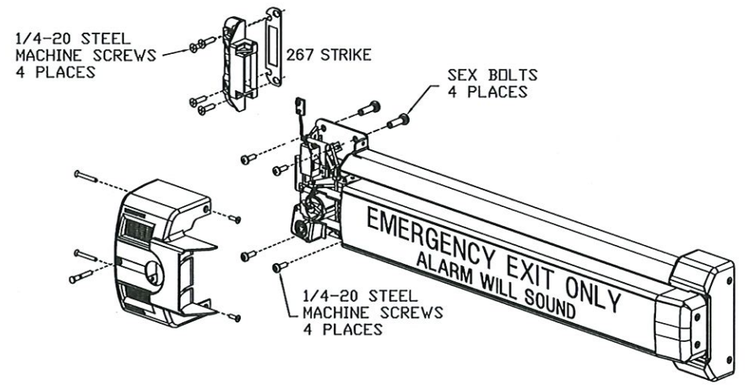


VON DUPRIN XP98/99(F)
USED IN CONFIGURATIONS: 9 & 9A

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

REVISIONS

LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	05/20/07	
D	REVISED DWG	YMF	07/28/08	
E	REVISED PER_MDBCCO	YMF	01/30/09	
F	REVISED PER_MDBCCO	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 UPDATE	SM	02/27/20	



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 - FUNCTIONS E, RX, LX, SS, EL, QEL, CX, F (OPTIONS MAY VARY PER SERIES)
TRIMS: ALL APPLICABLE TRIMS AVAILABLE..
PN MODEL OFFERED.
FOR 33/35-F SERIES - FUNCTIONS RX, LX, EL, QEL, SS
TRIM: ALL APPLICABLE TRIMS AVAILABLE.
FOR 2670 GUARD-X
TRIM: ALL APPLICABLE TRIMS AVAILABLE.
F-25-C & (F)25V SERIES - FUNCTIONS AE, DM, LM, LK, KOR, ED, EL, EA, FSA, FSE, HWEA
TRIMS: ALL APPLICABLE TRIM AVAILABLE

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING PROPS, INC.
393 E. DANIA BEACH BLVD. #838
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

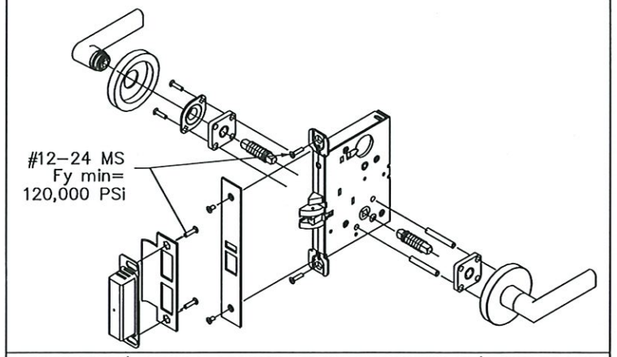
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

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

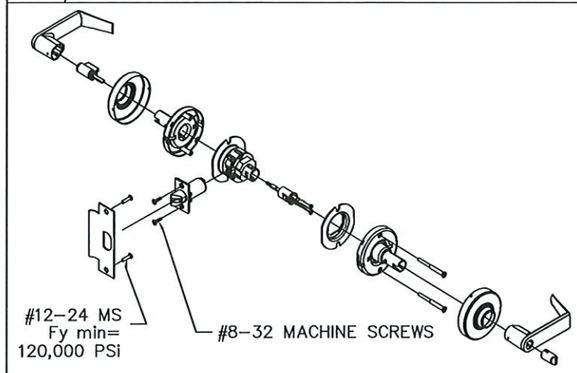
HARDWARE OPTIONS FOR GLASS SINGLE DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

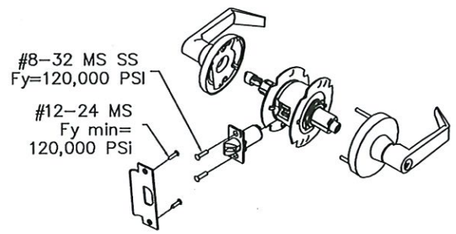
SCALE: NTS | AUTOCAD | SHEET 11 of 16



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

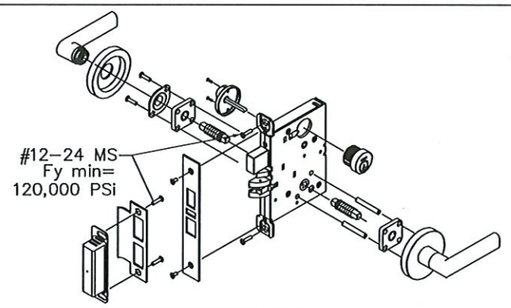


SCHLAGE D/ND–SERIES CYLINDRICAL LEVER LOCKSET
1/2" MIN LATCH THROW. USED IN CONFIGURATIONS: 2 & 12

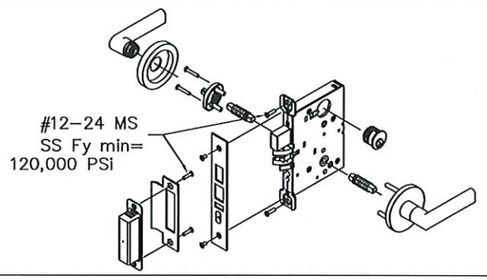


FALCON, T–SERIES CYLINDRICAL LEVER LOCKSET
1/2" MIN LATCH THROW. USED IN CONFIGURATIONS: 2 & 12

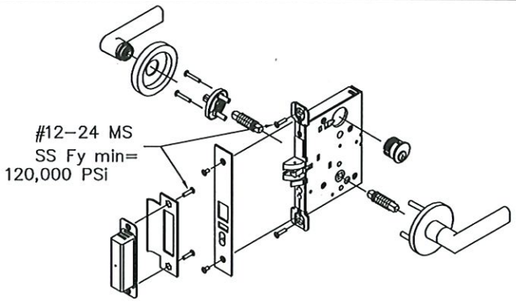
NOTE:
ELECTRICAL FUNCTIONS/INSTALLATION AND
FIRE RATINGS ARE NOT PART OF THIS
APPROVAL, TO BE REVIEWED AND APPROVED
BY BUILDING OFFICIAL



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



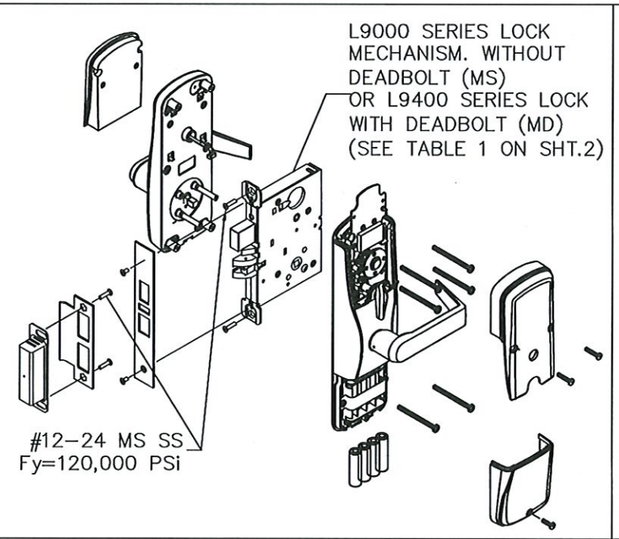
FALCON MA–SERIES MORTISE LOCKSET W/ DEADBOLT SHOWN
LATCH THROW MIN 3/4", BOLT THROW MIN 1"
USED IN CONFIGURATIONS: 1 & 11



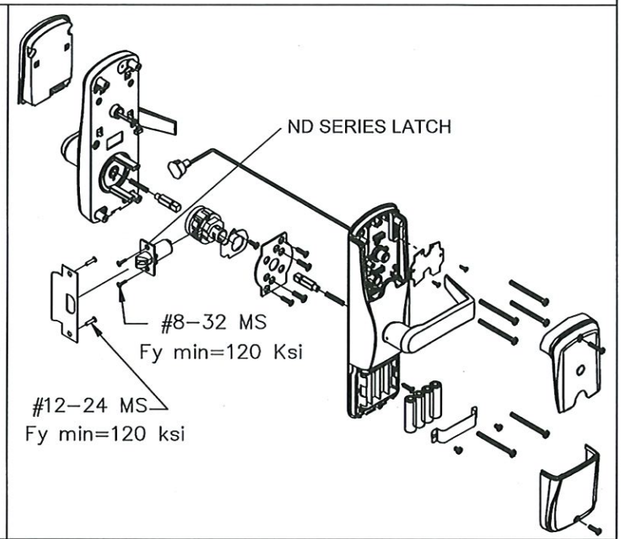
FALCON MA–SERIES MORTISE LOCKSET W/O DEADBOLT SHOWN
(MIN THROW – 3/4") USED IN CONFIGURATIONS: 1 & 11

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

REVISIONS					
LTR	DESCRIPTION			DATE	APPROVED
A	APPROVAL	DWG	YMF	05/20/07	
C	REVISED	DWG	RAP	12/12/07	
D	REVISED	DWG	YMF	07/28/08	
E	REVISED	PER_MDBCCO	YMF	01/30/09	
F	REVISED	PER_MDBCCO	YMF	02/05/09	
G	REVISED	PER_MFR	YMF	05/18/09	
H	REVISED	PER_MDBCCO	YMF	05/18/09	
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	



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



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

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

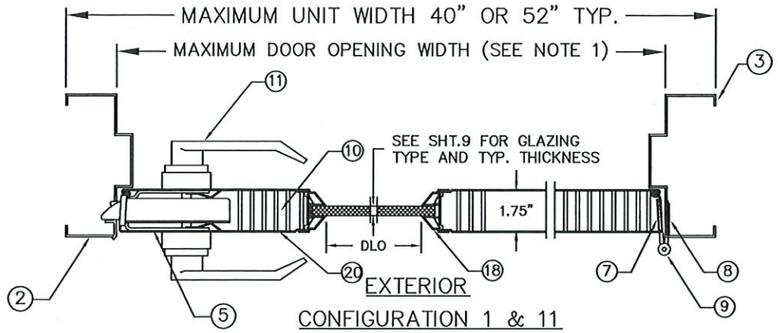
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

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

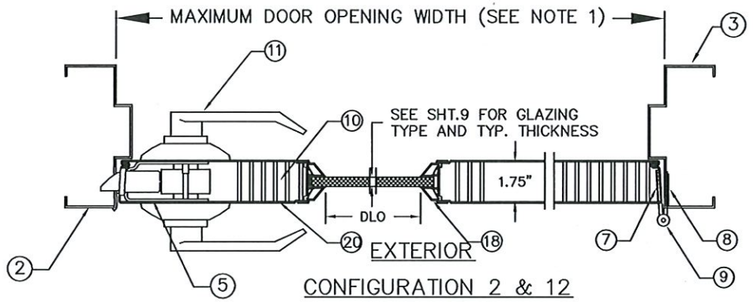
LOCKSET HARDWARE FOR GLASS SINGLE DOORS

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

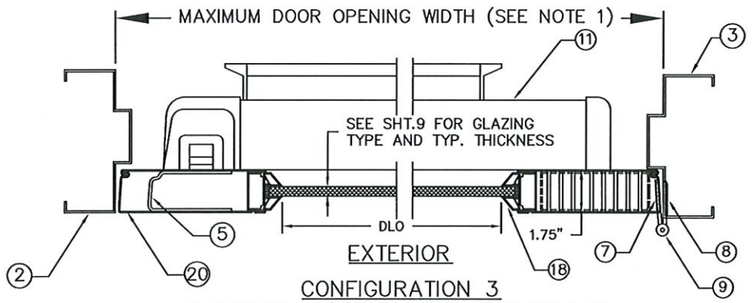
SCALE: NTS | AUTOCAD | SHEET 12 of 16



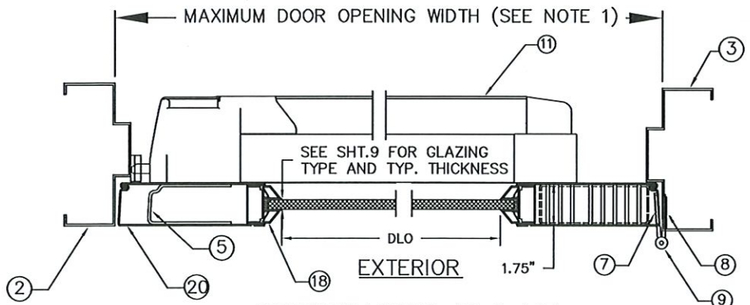
CONFIGURATION 1 & 11
MORTISE LOCKSET
SECTION A–A



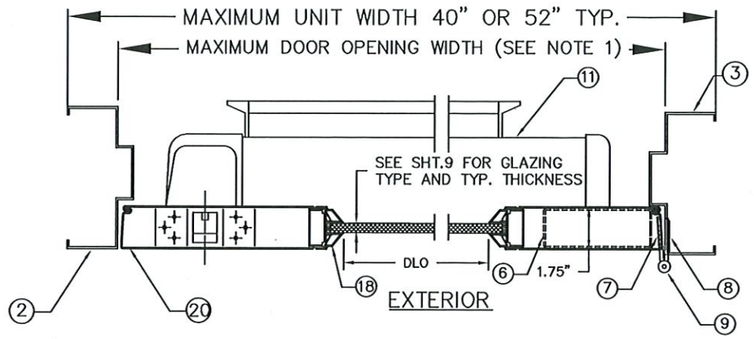
CONFIGURATION 2 & 12
CYLINDRICAL LOCKSET
SECTION A–A



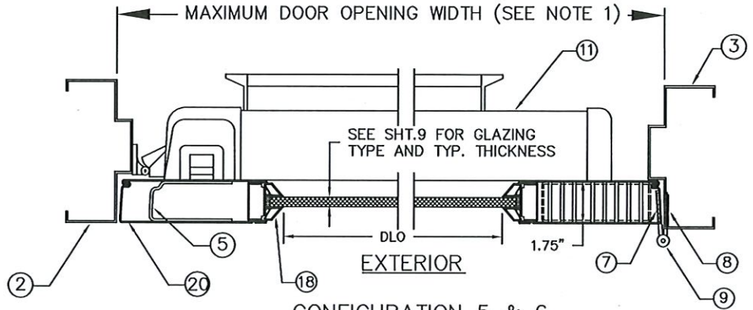
CONFIGURATION 3
SURFACE VERTICAL ROD EXIT DEVICE.
SECTION A–A



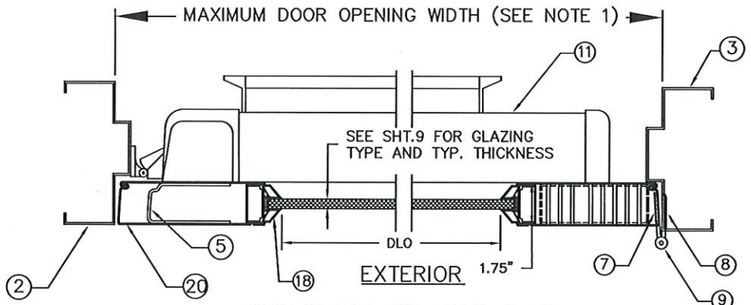
CONFIGURATIONS 10 & 10A
EXIT ALARM LOCK.
SECTION A–A



CONFIGURATION 4
CONCEALED VERTICAL ROD EXIT DEVICE.
SECTION A–A



CONFIGURATION 5 & 6
THREE–POINT LATCHING EXIT DEVICE.
SECTION A–A



CONFIGURATION 7,8,9 & 9A
RIM EXIT DEVICE.
SECTION A–A

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
A	APPROVAL	DWG	YMF	05/20/07	
C	REVISED	DWG	RAP	12/12/07	
D	REVISED	DWG	YMF	07/28/08	
E	REVISED	PER_MDBCCO	YMF	01/30/09	
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	

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO.73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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

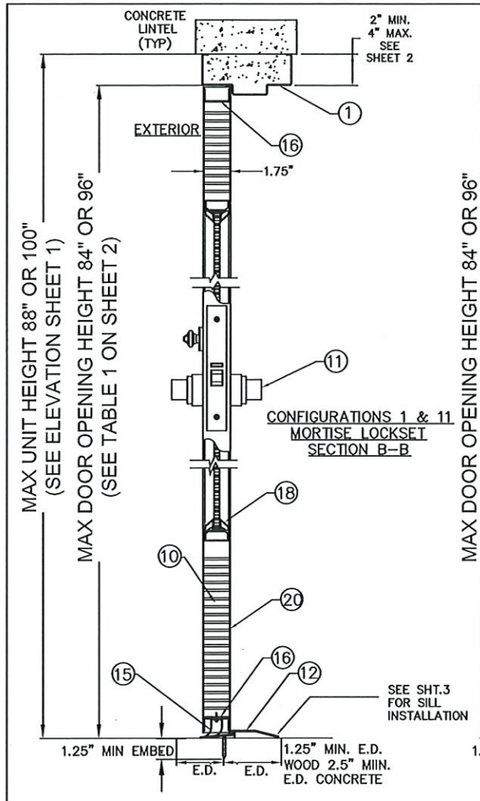
SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032

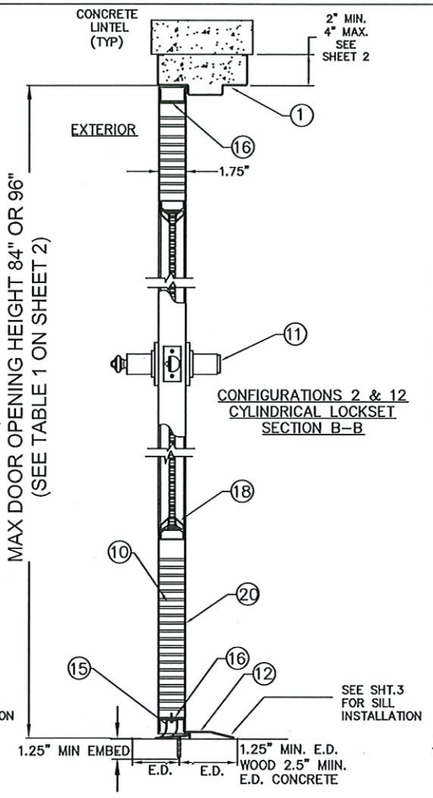
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

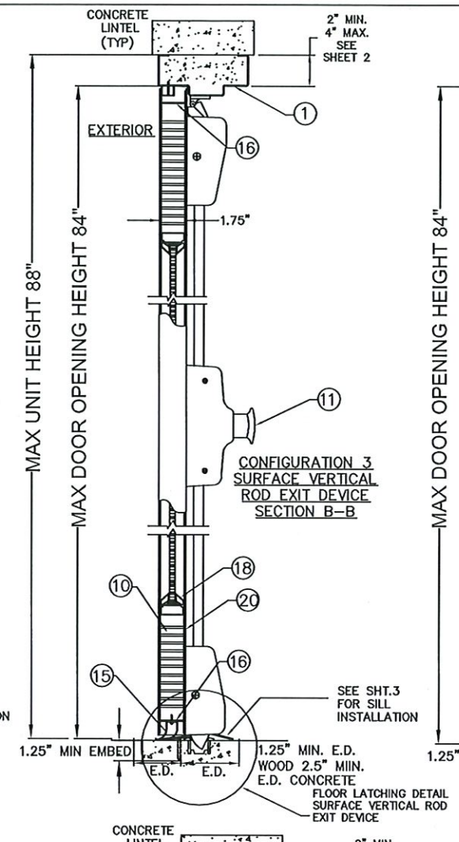
TITLE: STEELCRAFT H SERIES SINGLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES

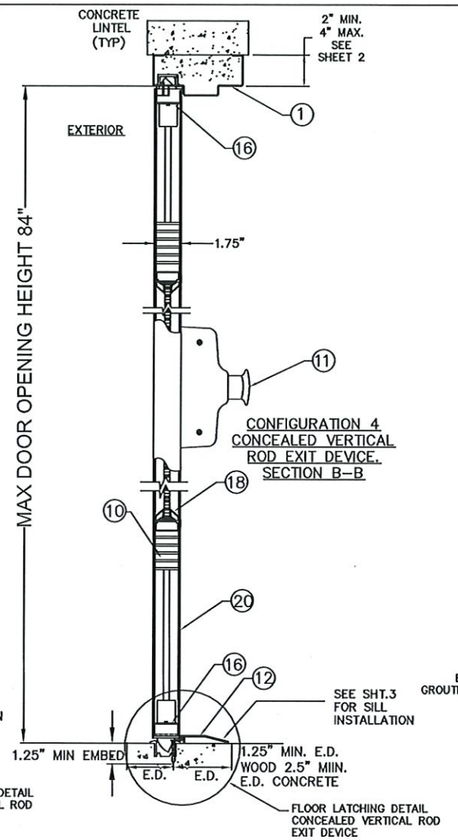
HORIZONTAL CROSS SECTIONS FOR GLASS SINGLE DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N
SCALE: NTS	AUTOCAD		SHEET 13 of 16

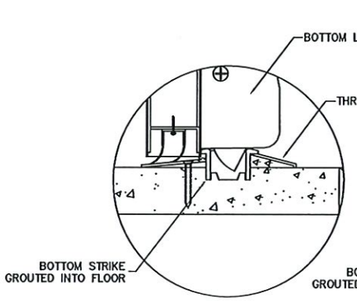




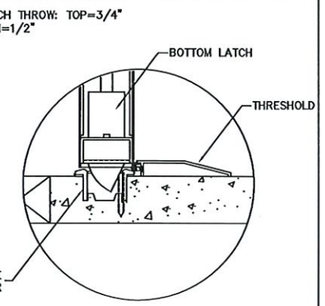




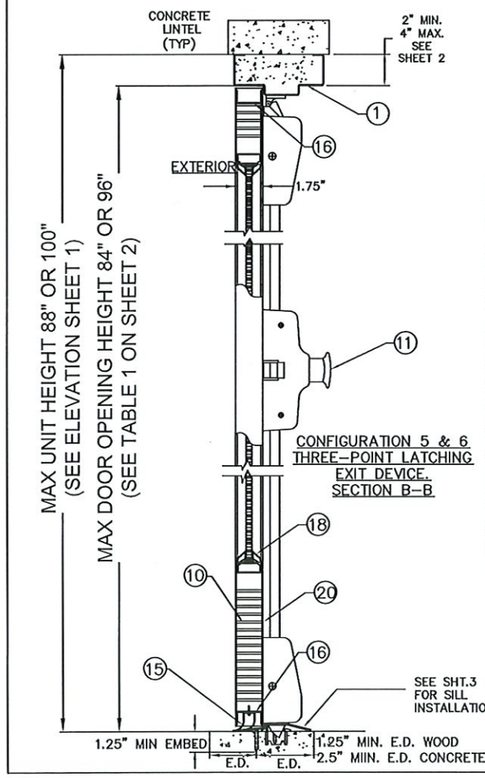
REVISIONS					
LTR	DESCRIPTION			DATE	APPROVED
A	APPROVAL	DWG	YMF	05/20/07	
C	REVISED	DWG	RAP	12/12/07	
D	REVISED	DWG	YMF	07/28/08	
E	REVISED	PER_MDBCCO	YMF	01/30/09	
F	REVISED	PER_MDBCCO	YMF	02/05/09	
G	REVISED	DWG	YMF	01/05/10	
H	REVISED	DWG	YMF	04/09/10	
J	REVISED	NAME	JPD	11/01/13	
K	REVISED	DWG	JPD	02/01/15	
M	ENGINEER	CHANGE	LA	03/14/17	
N	ADDRESS	UPDATE	SM	02/27/20	

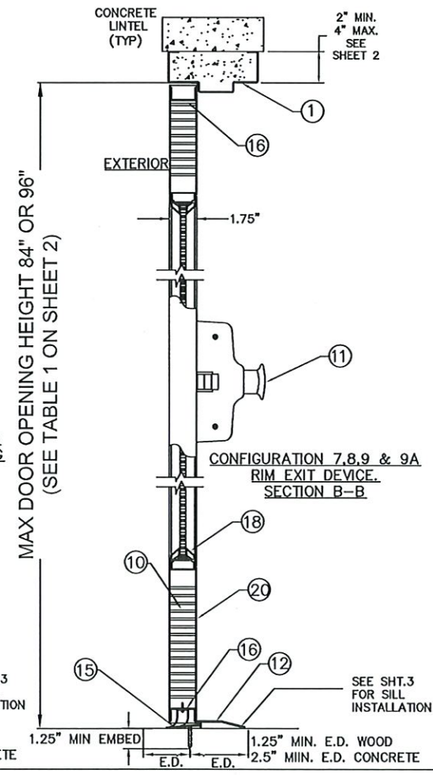


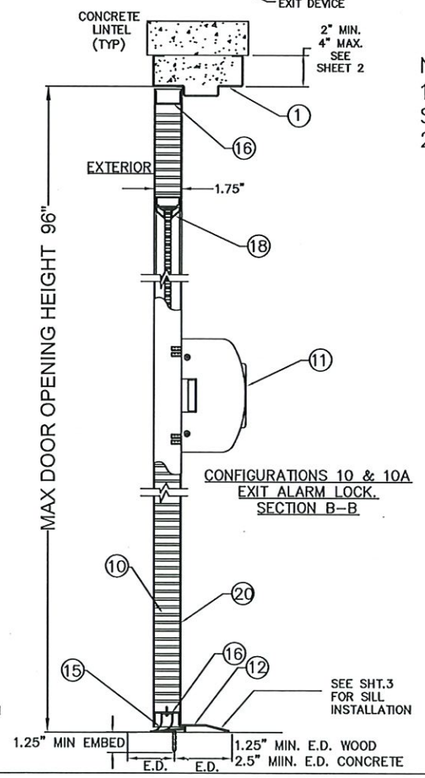
FLOOR LATCHING DETAIL SURFACE VERTICAL ROD EXIT DEVICE



FLOOR LATCHING DETAIL CONCEALED VERTICAL ROD EXIT DEVICE







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. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami–Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E. FLORIDA, P.E. NO.73778 BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 FBPE CERT. OF AUTHORIZATION NO. 29578

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

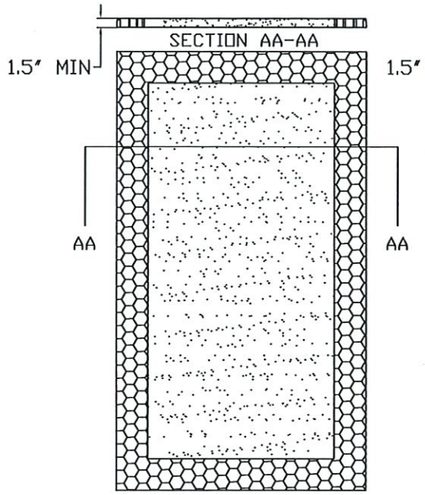
MANUAFCTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

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

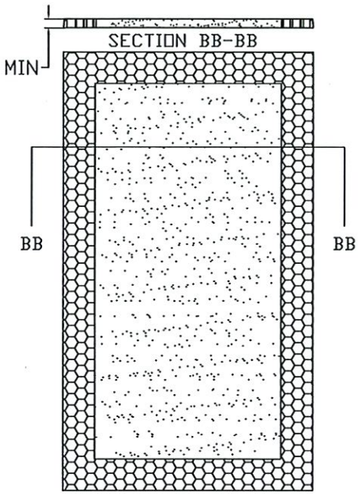
VERTICAL CROSS SECTIONS FOR GLASS SINGLE DOORS.

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

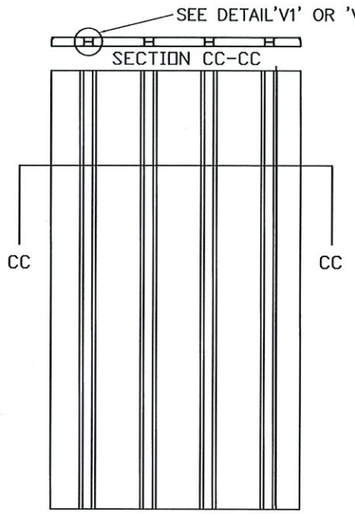
SCALE: NTS | AUTOCAD | SHEET 14 of 16



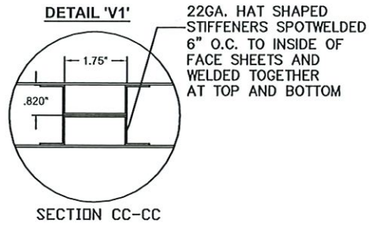
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT^3

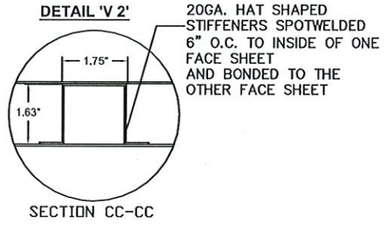


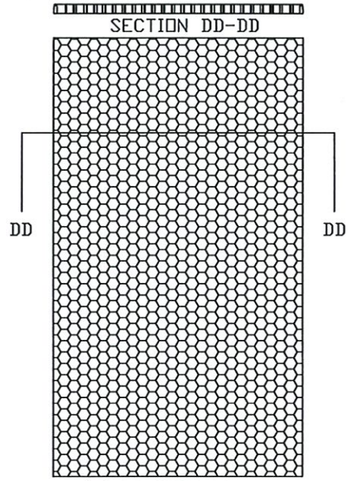
(B) POLYISOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN
DENSITY: 2 LBS/FT^3



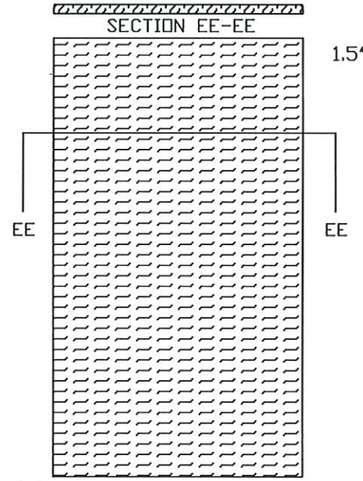
(C) STEEL STIFFENED
HAT SHAPED SECTIONS



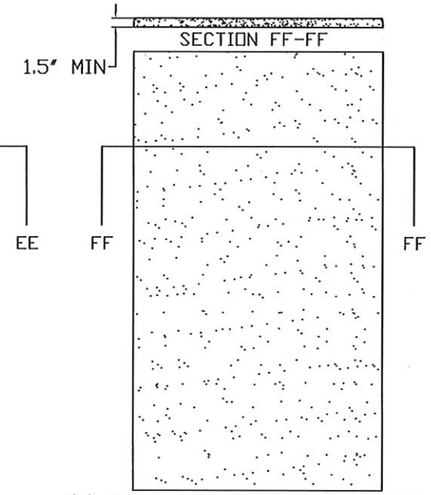




(D) HONEYCOMB
KRAFT PAPER.



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



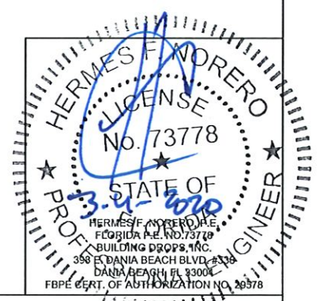
(F) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS DENSITY: 1.0 LB/FT^3
OR POLYISOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN
DENSITY: 2 LBS/FT^3

NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

REVISIONS

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	03/14/17	
N	ADDRESS UPDATE	SM	02/27/20	

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control



BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	DATE
JPD	02/03/14
CHECKED	
APPROVED	
ENG. APPVL	

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

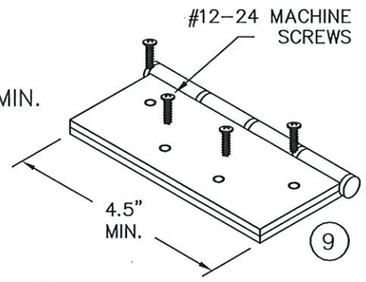
DOOR CORE OPTIONS

SIZE	FLAT	DWG NO.	REV
		IRGS07	N

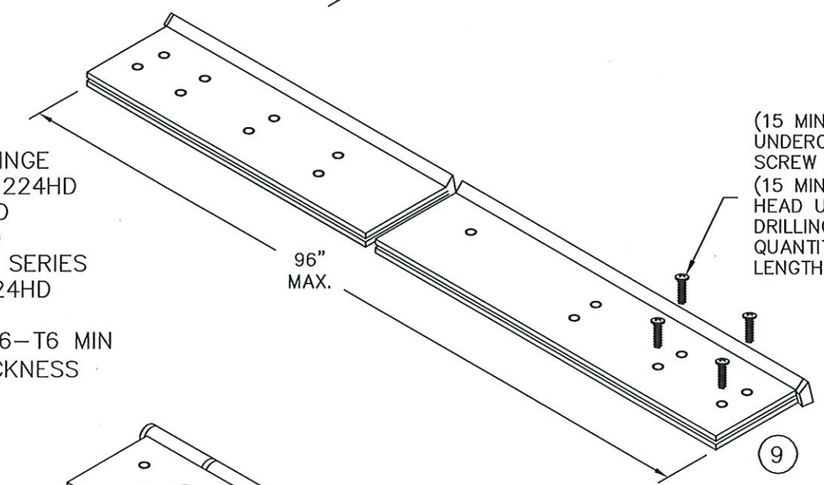
SCALE: NTS | AUTOCAD | SHEET 15 of 16

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	11/01/13	
B	REVISED DWGS.	02/01/15	
M	ENGINEER CHANGE LA	03/14/17	
N	ADDRESS UPDATE SM	02/27/20	

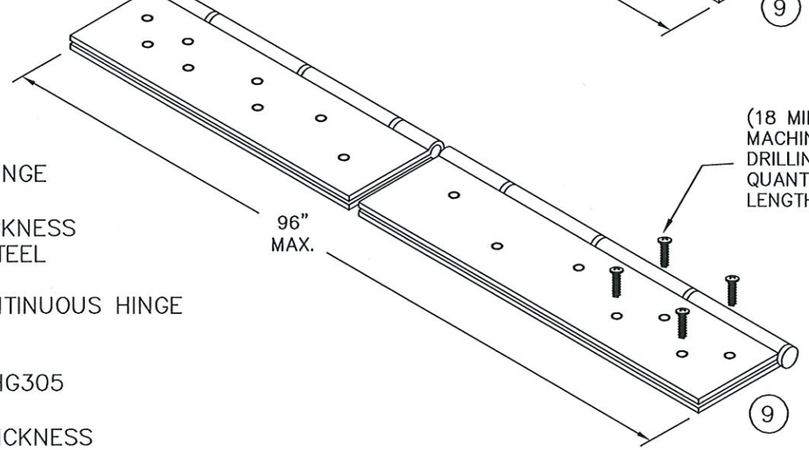
STEEL BUTT HINGE
IVES 5BB1/3CB1
STANLEY FBB179/1900
HAGER BB1279
4.5" X 4.5" STD. WT. MIN.
.134" MIN. THICKNESS
Fy MIN. = 36ksi

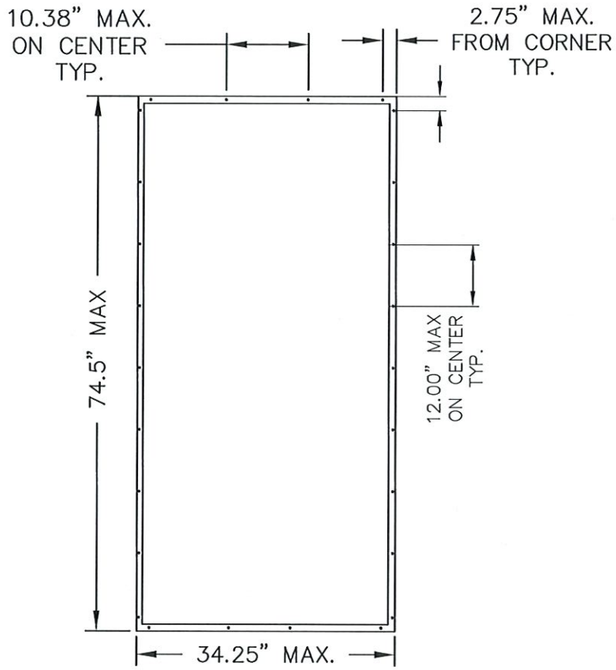


CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMKO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



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





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

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

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0310.07
Expiration Date 05/25/2023
By Ishaq I. Chanda
Miami-Dade Product Control

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER
3-4-2020
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
C. BUILDING DROPS, INC.
359 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS
THIRD ANGLE PROJECTION
DRAWN JPD DATE 02/03/14
CHECKED
APPROVED
ENG. APPVL

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
HINGE OPTIONS

SIZE FLAT | DWG NO. IRGS07 | REV N
SCALE: NTS | AUTOCAD | SHT 16 OF 16