



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

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

Schlage Lock Company
6810 Hillsdale Court
Indianapolis, IN 46250

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 Series "H16-4" Double Outswing glazed Steel Doors w / Sidelites & Transom

APPROVAL DOCUMENT: Drawing No "975W" Rev J, titled "H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom", sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 01/29/2021, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

Limitations:

1. See Design Pressures, Sizes and DLO (Day light Opening) limitations in sheets **1, 5, 6 & 7** of the drawings.
2. Doors are not rated for Water infiltration, unless covered by overhang complying w/ FBC requirements.
3. New Von Duprin HH9954 model must meet min thickness and strength as listed in sheet **2**. Drop-in or expansion mullion anchor assembly must be from the anchor manufacturer (No substitution parts permitted).
4. Base anchors at both frame Jambs (detail **A**, sheet **10 & 14**) and door Mullion base anchors (detail **B**, sheet **10** thru **14**) are required, in addition to anchors at Sidelite detail **C**, in sheets **10** thru **14**.
5. Electrical/Electronic functions and Fire ratings are not part of this approval, such functions to be reviewed and approved by AHJ.
6. The top strike plate **338** can be used w/wo roller option for Von Duprin Concealed Rod Panic devices shown in sheet **15**

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

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

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

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

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

This NOA **revises NOA #20-0310.01** 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

NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's parts and sections drawings (Submitted under file as below).
2. Drawing No "975W" Rev F, titled "H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom", sheets 1 through 17 of 17, prepared by the manufacturer, dated 02-23-03 and last revised on 09/09/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #14-0827.04/#14-0221.03/#13-0826.02 /#12-0305.07/# 08-0715.03)

1. Test report on

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

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

- 2. Test report on**
- 1) Air Infiltration Test, per TAS 202-94
 - 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC, TAS 202-94

Along with manufacturer's parts and section drawings of double-glazed outswing steel doors w/ sidelites & Transom, marked by Certified Testing Lab, Test Reports No(s). **CTLA-975W** dated Jan 23, 2003 and **CTLA-776W-1** dtd April 25, 2002, both signed & sealed by Ramesh Patel, P.E.

3. Reference Test report

- 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.

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

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:

1. Anchor verification calculations per FBC 2014 (5th Edition) dated 09/09/15 prepared, signed & sealed by Thomas Gordon, P.E.
2. Hinge Load Evaluation report dtd 01/04/04, prepared, signed & sealed by Thomas Gordon, P.E.

D. QUALITY ASSURANCE BY

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

E. MATERIAL CERTIFICATIONS (items 4 thru6, submitted under file # 13-0826.02 /#12-0305.07)

1. Notice of Acceptance No. **13-0717.01** issued to **Sabic Innovative Plastics** for their “**Lexan® Polycarbonate Sheet Products**”, expiring on July 17, 2018.
2. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “**Sentry Glass® Interlayer**”, expiring on 07/4/17.
3. Test Report No. **12-11177**, Nov 29, 2012, issued by Commercial Testing Co. for “Surface Flame spread & Smoke density Characteristics of Building material” per ASTM E84-12 for “Elfoam P200”, issued to Elliott Co. of Indianapolis Inc.
4. Test Report No. **16206-122543 (1015P200(3))**, dated November 29, 2004 for “Surface Burning Characteristics of Bldg material” per ASTM E84 and self-Ignition per ASTM 1929D for “Polyisocyanurate” issued by Omega Point Laboratories, Inc. to Elliot Co., Indianapolis, IN.
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.
6. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for “Surface Burning Characteristics of Building material” per ASTM E84 and self-Ignition per ASTM 1929D for “EPS”, issued to Falcon Foam, a Div of Atlas Roofing, re-named as “ATLAS EPS”.

F. STATEMENTS: Except items #1, balanced items submitted under file #13-0826.02)

1. Letter of conformance to FBC 2014 (5th Edition), dated 09/09/15, prepared, signed and sealed by Gordon Thomas, P.E.
2. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
3. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
4. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
5. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
6. Laboratory Compliance statement issued as part of the above test reports.

G. OTHER

1. This NOA **revises & renews NOA #14-0827.04**, expiring on 05/05/20.
2. Ref: completed test report # **ESP011331P2** per T.P. # **12-0844 R** to be submitted within 1-Yr
3. Test proposals # **14-0252**, **-0254**, **#14-1086**, **#14-0254-R1** and **#12-0797R** approved by RER.
4. Previously consolidates NOA #(s) associated with these files are **#14-0221.03/ #13-0826.02 / #12-0305.07/ #08-0715.03** and **#03-0611.04**.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approvals.

A. DRAWINGS

1. Drawing No “975W” Rev G, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 02-23-03 and last revised on 04/24/18, signed and sealed by Hermes F. Norero, P.E.

B. TESTS

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

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

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

2. Additional verification test **NCTL-210-3549-1** for VonDuprin HH9954 mullion per TAS 202, 201 & 203, issued by National Certified Testing, signed & sealed by Gerry Ferrara, P. E.

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

C. CALCULATIONS:

1. Anchor verification calculation complying w/ FBC 2017(6th Edition) dated 11/18/2017, 03/18/18 and last revised on 04/09/18, prepared by Building Drops, signed & sealed by Hermes F. Norero., P.E.

D. QUALITY ASSURANCE BY

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

E. MATERIAL CERTIFICATIONS:

1. None.

F. STATEMENTS: (items # 4 thru 6, submitted under file # 17-1026.24)

1. Letter statement dated April 03, 2018, issued by Allegion for future catalog update and inclusive of the upgrading of Von Duprin HH 9954 mullion, signed by Jim Donlan, Compliance Engineer.
2. Letter of conformance to FBC 2014 (5th Edition) and FBC 2017 (6th Edition), dated 10/09/18, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E
3. Letter of adoption of another Engineer’s work per FLA rule 61G15-27, dated 10/09/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
4. Ingersoll–Rand press release, dated 12/10/12, integrating the brands of Ingersoll–Rand and Schlage among others.
5. 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.
6. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):

7. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
8. Letter of certification dated 04/20/10, issued by Ingersoll-Rand for electronic CO lock series mechanical /functional parts same as AD, ND and AD-M series.
9. 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.
10. Addendum letter dated DEC 19, 2011, issued by Certified Testing Lab verifying wire anchors, strength of grout, stud anchor, Strike plate and MA series Mortise Lock, supplemented w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.

G. OTHER

1. This NOA revises & renews NOA #15-0930.06, expiring on 05/05/20.
2. Test proposals #14-0251, #14-0252-R, 14-0253, #14-0254-R1, #14-1086 and #12-0797R approved by RER.
3. Consolidation Test proposal # 06-2468, dated 04/27/07 approved by BCCO.
4. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).
5. Allegion's (Schlage/ Former Ingersoll-Rand) future updated HH9954 Von-Duprin Mullion catalog.

3. Evidence submitted under file # 18-0828.06.

A. DRAWINGS

1. Drawing No "975W" Rev H, titled "H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom", sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 01/06/2019, signed and sealed by Hermes F. Norero, P.E.

B. CALCULATIONS

1. None

C. QUALITY ASSURANCE

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

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 18-0207.07 issued to Sabic Innovative Plastics US, LLC for their "Lexan® Polycarbonate Sheet Products", expiring on July 17, 2023.
2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "Sentry Glass® Interlayer", expiring on 07/04/23.

E. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition) dated 09/20/17, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E. (submitted under file # 17-0426.04).
2. Statement letter dated AUG 02, 2018, issued by Building Drops, Inc, in reference to 9954 mullions rename to HH9954 mullion and thickness from 1/8" to 5/16", signed and sealed by Hermes F. Norero, P.E.
3. Statement letter dated April 03, 2018, issued by Allegion for updating of HH9954 mullion into the company's catalog, signed by Jim Donlan, Compliance Engineer.

F. OTHER

1. This NOA revises NOA # 17-0426.04, expiring 05/05/20.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous NOA.

A. DRAWINGS

1. Drawing No “975W” Rev H, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 01/06/2019, signed and sealed by Hermes F. Norero, P.E.

B. TEST

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

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

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

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

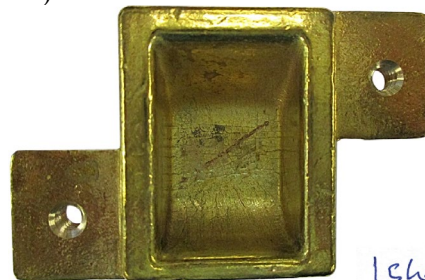
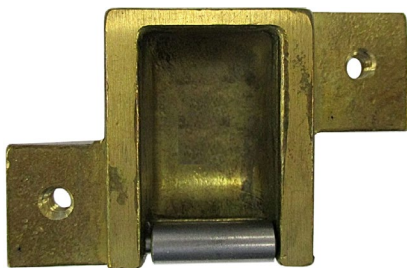
1. None

F. STATEMENTS (submitted under file # 17-0426.04)

1. Statement letter of conformance to FBC 2017 (6th Edition) dated 09/20/17, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
2. Statement letter dated AUG 02, 2018, issued by Building Drops, Inc, in reference to 9954 mullion rename to HH9954 mullion and thickness from 1/8” to 5/16”, signed and sealed by Hermes F. Norero, P.E.
3. Statement letter dated April 03, 2018, issued by Allegion for updating of HH9954 mullion into the company’s catalog, signed by Jim Donlan, Compliance Engineer.

G. OTHER

1. This NOA revises NOA # 18-0828.06, 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 Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No “**975W**” **Rev I**, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 03/04/2020, signed and sealed by Hermes F. Norero, P.E. (Note: This renewal is with address change only).

B. TEST

1. None.

C. CALCULATIONS (submitted under file # 18-0828.06)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18-0207.07** issued to **Sabic Innovative Plastics US, LLC** for their “**Lexan® Polycarbonate Sheet Products**”, expiring on July 17, 2023.
2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/04/23.

F. STATEMENTS (submitted under file # 17-0426.04)

1. Statement letter of conformance to FBC 2017 (6th Edition) dated 09/20/17, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
2. Statement letter dated AUG 02, 2018, issued by Building Drops, Inc, in reference to 9954 mullion rename to HH9954 mullion and thickness from 1/8” to 5/16”, signed and sealed by Hermes F. Norero, P.E.
3. Application request of address change only by Schlage Lock company, signed by Donlan James.

G. OTHER

1. This NOA **revises & renews NOA #19-1016.01**, expiring on 05/05/2025.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. New Evidence submitted.

A. DRAWINGS

1. Drawing No “**975W**” **Rev J**, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 01/29/2021, signed and sealed by Hermes F. Norero, P.E.

B. TEST

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18-0207.07** issued to **Sabic Innovative Plastics US, LLC** for their “**Lexan® Polycarbonate Sheet Products**”.
2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition) dated 01/29/21, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
2. Statement letter dated AUG 02, 2018, issued by Building Drops, Inc. in reference to 9954 mullion rename to HH9954 mullion and thickness from 1/8” to 5/16”, signed and sealed by Hermes F. Norero, P.E. (submitted under previous approval)
3. Statement letter via e-mail dated 02/18/21, issued by Allegion agreeing one-year conditional approval.

G. OTHER

1. This NOA revises NOA #20-0310.01, expiring on 05/05/2022.

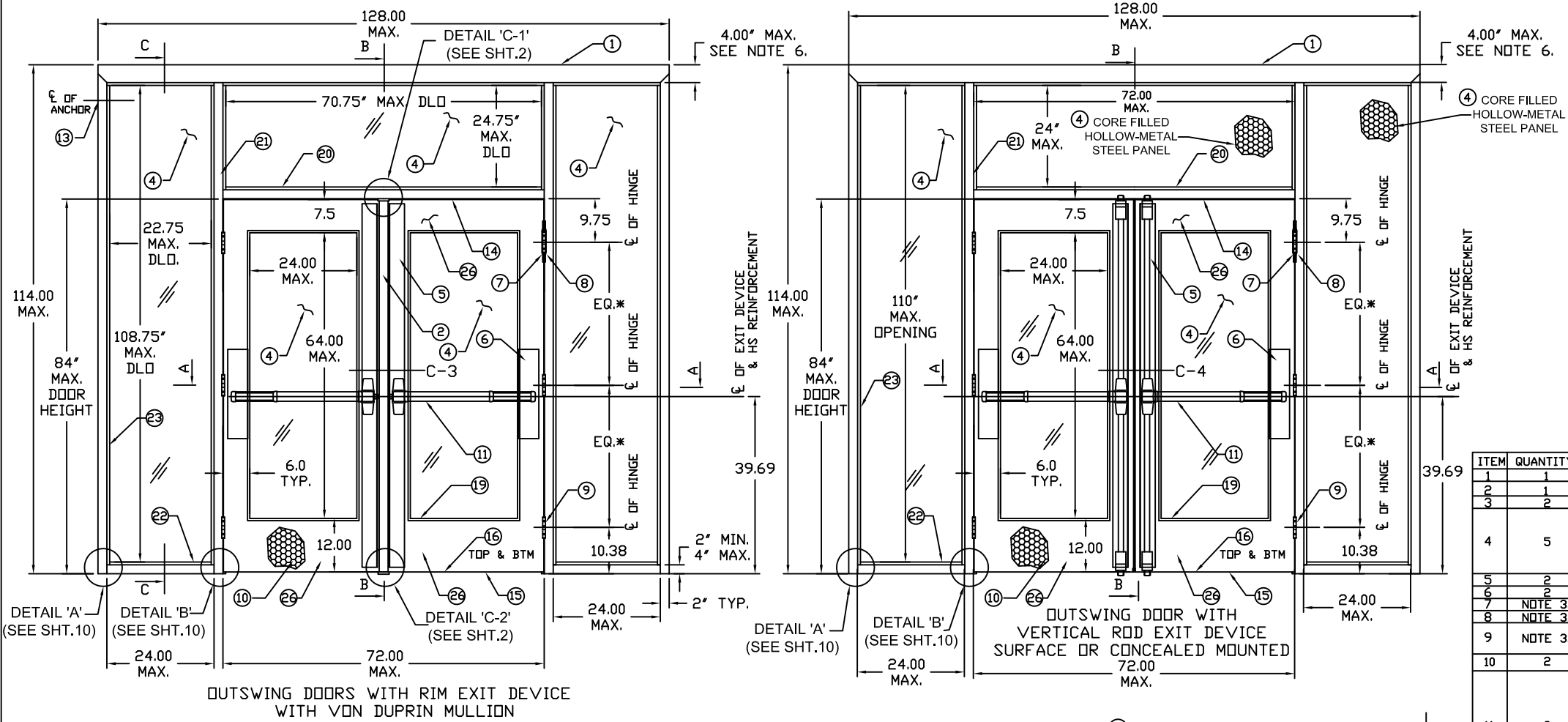
Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1005.11
Expiration Date: May 05, 2022
Approval Date: March 04, 2021

GENERAL NOTES:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS201, 202 & 203-94 AND COMPLY WITH THE 7TH EDITION (2020) FLORIDA BUILDING CODE

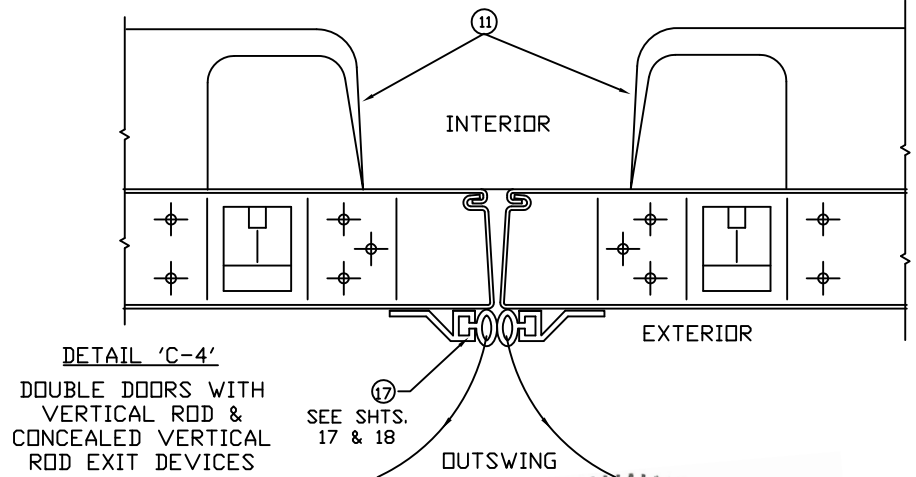
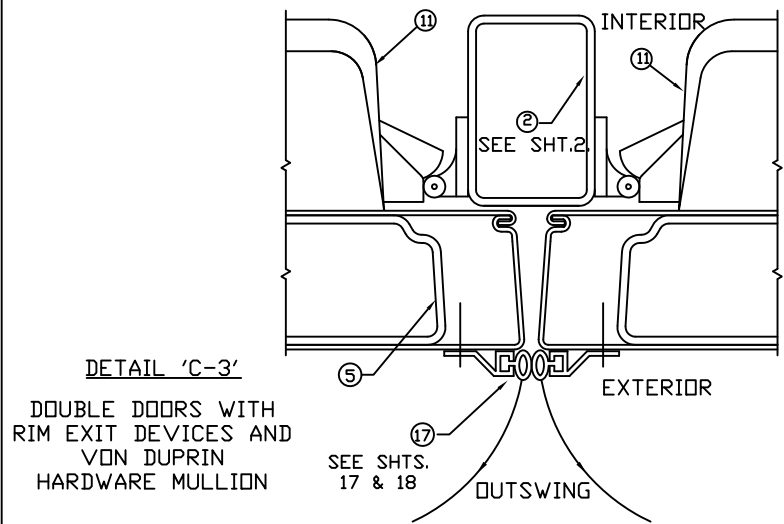
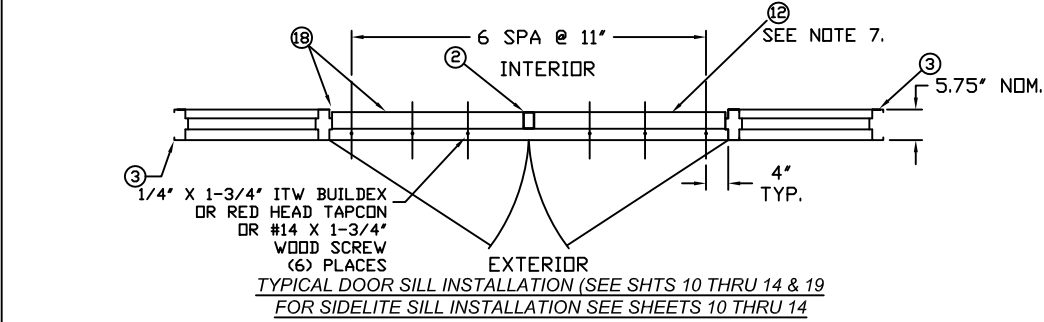
DESIGN PRESSURE RATING			IMPACT RATING
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSILE IMPACT 50 FT/SEC
POSITIVE	NOT APPROVED	+ 60 PSF	
NEGATIVE	NOT APPROVED	- 60 PSF	

R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
C	REV'D DWGS.		09/12/08	
H	REVISED	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	

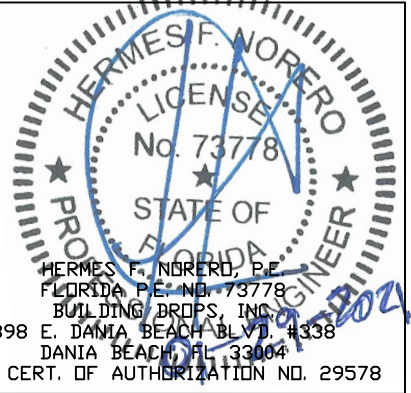


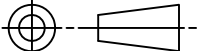
- NOTES:
- WEATHERSTRIPPING.
 - WHEN WATER INFILTRATION IS NOT NEEDED INSTALL THRESHOLDS AND WEATHERSTRIPPING PER SHTS.16, 17 & 18.
 - ANCHOR REQUIREMENTS: SEE SHEETS 10 THRU 14 FOR APPROVED ANCHORS AND INSTALLATION.
 - HINGE REQUIREMENTS: ONE (1) CONTINUOUS HINGE - OR FOR DOOR OPENING WITH 70" MAX. HEIGHT - MIN (3) HINGES LOCATIONS: 9.75" FROM RABBIT IN HEAD TO CL OF TOP HINGE 10.38" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED BETWEEN.
 - SEE SHEET 5 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
 - 4" FACE HEAD IS AVAILABLE FOR PERIMETER FRAME WHEN GROUTED FULL (SEE SHEETS 9 THRU 14).
 - APPLY CAULK TO FULL LENGTH OF SILL AND ENTIRE PERIMETER OF FRAME. (SEE SHEETS 16, 17 & 18)
 - SEE SHEET 2 FOR SECTION A-A, SEE SHEET 3 FOR SECTIONS B-B AND C-C.
 - DOOR-LITE AVAILABLE CONFIGURATIONS: FG (AS TESTED), FG2, FG3, G,V,N3, N4, NNL (SEE SHEET 5, 6 & 7).
 - INSTALL REINFORCEMENT CHANNELS (25) AROUND EACH LITE-CUTOUT.
 - PANIC HARDWARE OPTIONS: FOR 98/99 SERIES - FUNCTIONS E, RX, LX, SS, EL, QEL, CX, F SEE NOTES 13 AND 14 TRIMS: 990EO, 990DT, 990NL, 990TP, 992L, 994L, E996L, 996L, 991K FOR 88-F SERIES - FUNCTION E TRIMS: 880DT, 880NL, 880TP, 880K, 373L
 - PN MODEL OFFERED.
 - ELECTRICAL AND FIRE RATING OPTIONS ARE UNDER SEPARATE APPROVALS AND MUST BE REVIEWED BY THE CORRESPONDING AUTHORITY.
 - OPTIONAL "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 THE AHJ.

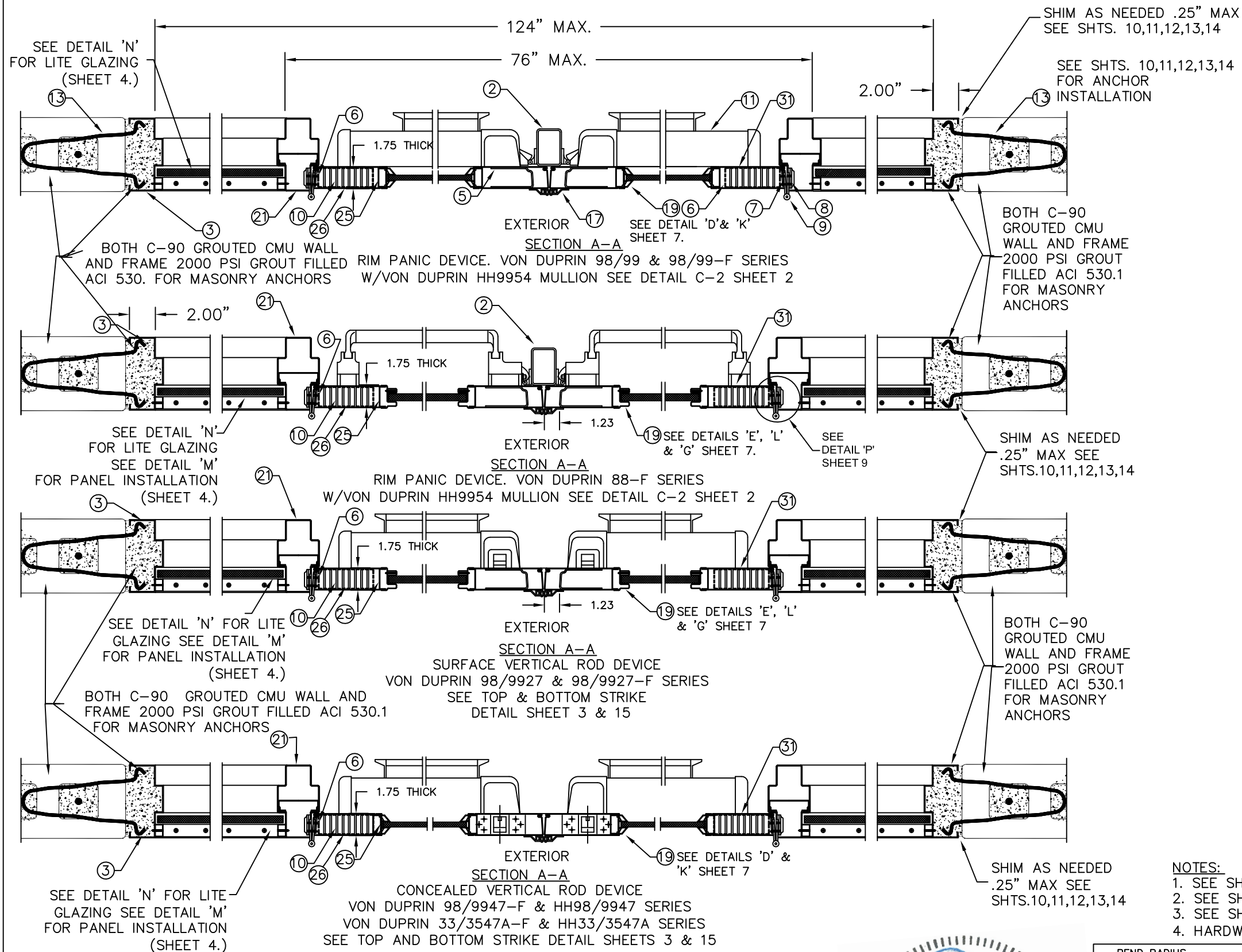
ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	PERIMETER HEAD & SIDELITE SILL SEE SHT 9, ASTM A366	.053" MIN. STL	MAX. 128"
2	1	VON DUPRIN HH9954 MULLION USED W/RIM HDWE	.312" A500 STL	MAX. 84"
3	2	PERIMETER JAMB SEE SHT 9, ASTM A366	.053" MIN. STL	MAX. 114"
4	5	SIDE OR TRANSOM PANEL/LITE		
		1) STEEL PANEL 16 GA	.053" MIN. STL	1.75" X 24" X 110" MAX.
		2) POLYCARBONATE (LEXAN) SABIC INNOVATIVE PLASTICS	.5" MIN. THICK	
		3) LAMINATED GLASS WITH (SENARTYGLAS INTERLAYER)	.562" MIN. THICK	24" X 110" MAX.
		4) LAMINATED GLASS (SUPERLITE II)	1.06" MIN. THICK	
5	2	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	1.66" X 3.5" X 81.44" MAX.
6	2	HINGE SIDE REINFORCEMENT BOX	.067" MIN. STL	1.66" X 4" X 10" MIN.
7	NOTE 3.	HINGE REINFORCEMENT DOOR	.171" MIN. STL	1.28" X 9.19"
8	NOTE 3.	HINGE REINFORCEMENT FRAME	.171" MIN. STL	1.23" X 9.18"
9	NOTE 3.	4.5" X 4.5" BUTT HINGES (SEE SHT.17)	X .134	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.17)	.075" MIN. STL / .11 ALUM	
10	2	CORE MATERIAL (SHEET B) A&D) POLYSTYRENE, B&E) POLYURETHANE, C) HONEYCOMB		
		LOCKING HARDWARE - EXIT DEVICE		
		A) VON DUPRIN 98/99 & 98/99-F RIM (PAIR WITH MULLION)		
		B) VON DUPRIN 88-F RIM (PAIR WITH MULLION)		
		C) VON DUPRIN 98/9927-F & 98/9927-F SURFACE VERT. ROD		
		D) VON DUPRIN 98/9947-F & HH9947 CONCEALED VERT. ROD		
		E) VON DUPRIN 33/3547A-F & HH33/3547A CONCEALED VERT. ROD		
11	2	THRESHOLD SILL W/BUMPER GASKET (12B) NAT'L GUARD 950A	.078" ALUM. 6063 T5	5.0" X 0.5" X 72" MAX.
12	1	(12A) ZERO 566 12C) ZERO 65	.125" ALUM. 6063 T6	
13	NOTE 2.	JAMB ANCHOR	3/16" DIA. BASIC WIRE	5.19" X 9.56"
14	VARIES	14A) PSD74 DOOR SEAL STEELCRAFT	TPE	SEE SHEETS 16, 17 & 18
		14B) 188S 14C) 117S 14D) 8144S 14E) 8150S DOOR SEAL ZERO	SILICONE	
15	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 35.66"
16	4	END CHANNEL, 14 GA.		.69" X 1.66" X 35.66" MAX.
17	2	SPLIT ASTRAGAL 17A) ZERO 328 17B) NGP 137		SEE SHEETS 17 & 18
18	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		
19	VARIES	GLASS HOLDING DOOR TRIM		
		1) DESIGNER TRIM	.024" MIN. STL	22.5" X 62.5" EXPOSED GLASS MAX. SEE SHEETS 6 & 7
		2) STEEL OVERLAPPING TRIM	.035" MIN. STL	
		3) STEEL OVERLAPPING TRIM	.035" MIN. STL	
		4) HIGH SECURITY VISION FRAME	SG-10 BY ANEMOSTAT	
20	1	TRANSOM BAR MULLION, 16 GA. MIN. ASTM A366	.053" MIN. STL	MAX. 72"
21	2	SINGLE HINGE MULLION, 16 GA. MIN. ASTM A366	.053" MIN. STL	MAX. 112"
22	2	SILL SECTION	.053" MIN. STL	MAX. 24"
23	12	FRAME GLAZING BEAD (STOP)	.035" MIN. STL	.375 X .625" X 110" MAX.
24	2	TOP CAP GALV. A60 ASTM A924	.020" MIN. STL	0.5" X 1.719" X 35.66" MAX.
25	NOTE 10.	CUTOUT REINFORCEMENT CHANNEL (18 GA)	.047" MIN. STL	0.5" X 1.5" X 64.063" MAX.
26	2	DOOR SLAB (16 DR 14 GA) ASTM A366		SEE SHEET 5 36" X 84" MAX.



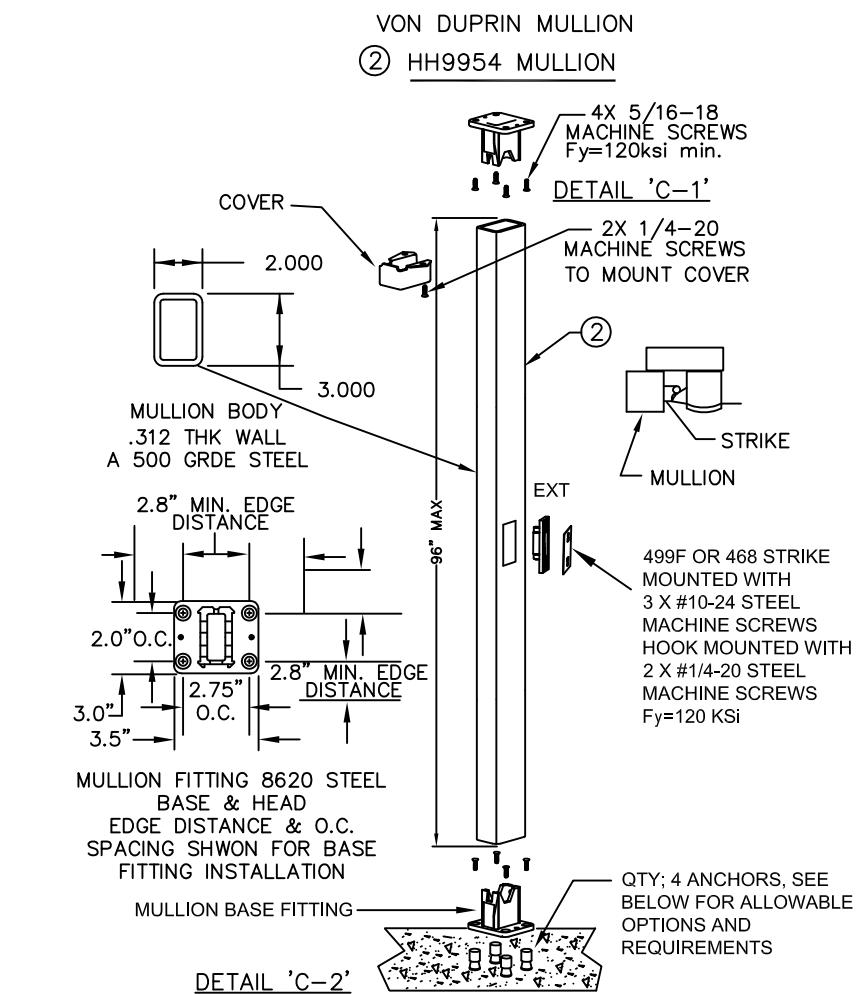
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishag I. Chande
Miami-Dade Product Control



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
						
THIRD ANGLE PROJECTION		TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM AND SIDELITE FRAME				
DRAWN YMF	DATE 02.24.03	H16 4 FG SINGLE & 6070 DOUBLE DOORS (OUTSWING) FULL GLASS CONFIGURATION WITH SIDE AND TRANSOM PANEL/LITES AND EXIT HARDWARE				
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 1 OF 19	REV J
ENG. APPVL		SCALE:	NTS	AUTOCAD		



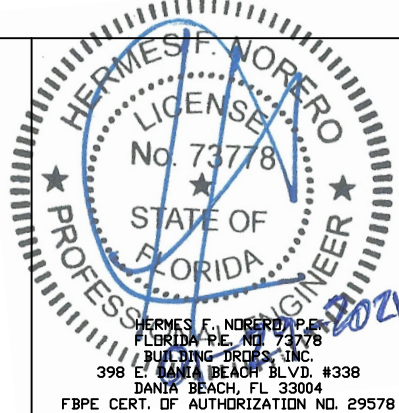
R E V I S I O N S				
LTR	DESCRIPTION	DATE	APPROVED	
C	REV'D DWG.	08/26/08		
H	REVISION	07/27/18		
I	ADRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	



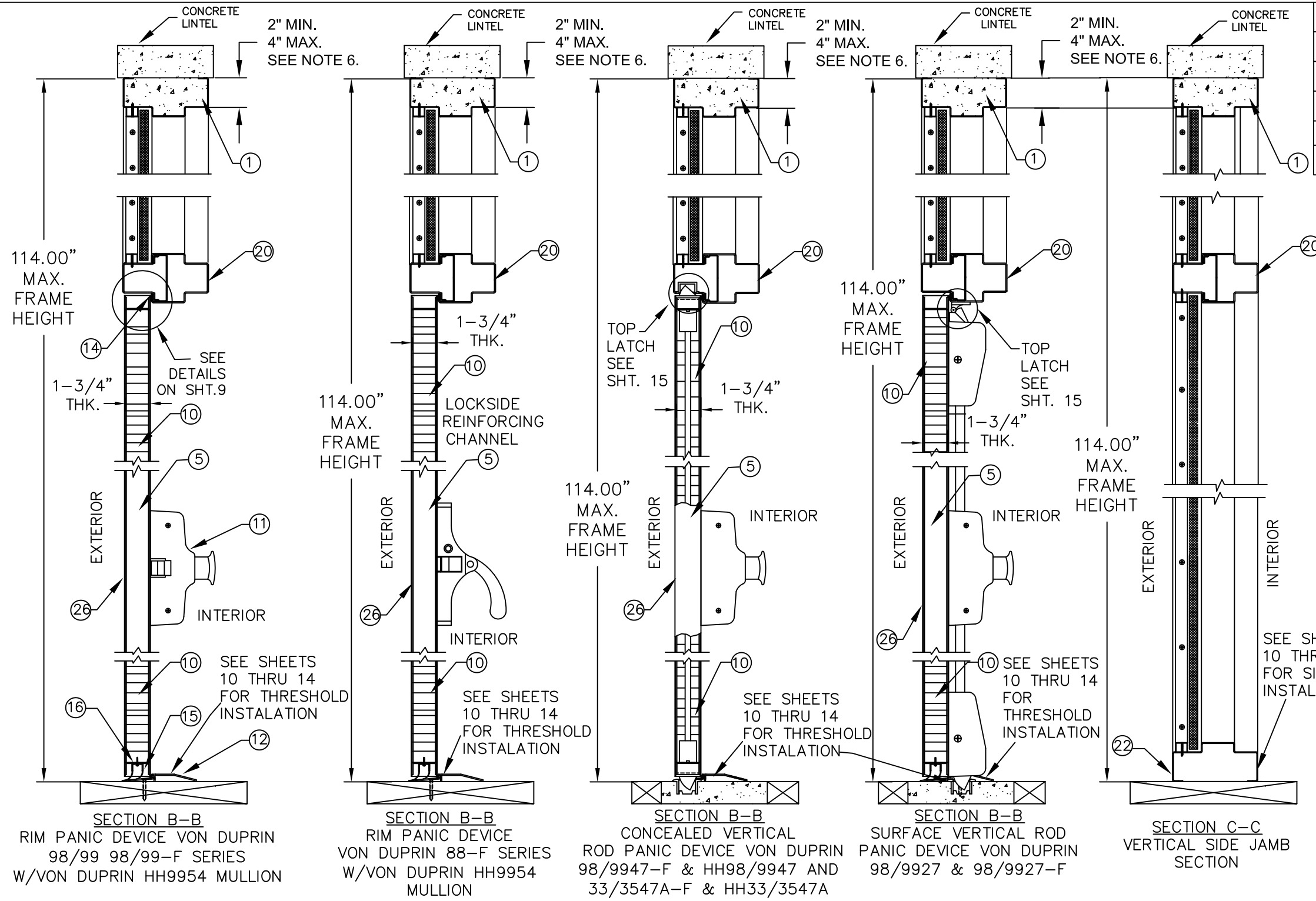
MULLION EXPANSION ANCHOR NOTES:
ANCHORS SHALL BE INSTALLED IN 3000 PSI CONCRETE (SEE ABOVE FOR SPACING REQUIREMENTS), ALLOWABLE ANCHOR TYPES ARE:
1/4" POWERS SMART DI+ EXPANSION ANCHORS WITH MIN 1" EMBEDMENT OR
1/4" HILTI KWIK BOLT 3 EXPANSION BOLTS WITH MIN 1-1/8" EMBEDMENT

- NOTES:**
1. SEE SHTS. 1, 5, 9 & 19 FOR ELEVATION, MATERIAL AND HINGE OPTIONS.
2. SEE SHTS. 10 THRU 14 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM.
3. SEE SHTS. 5 & 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS & SPECS.
4. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS.

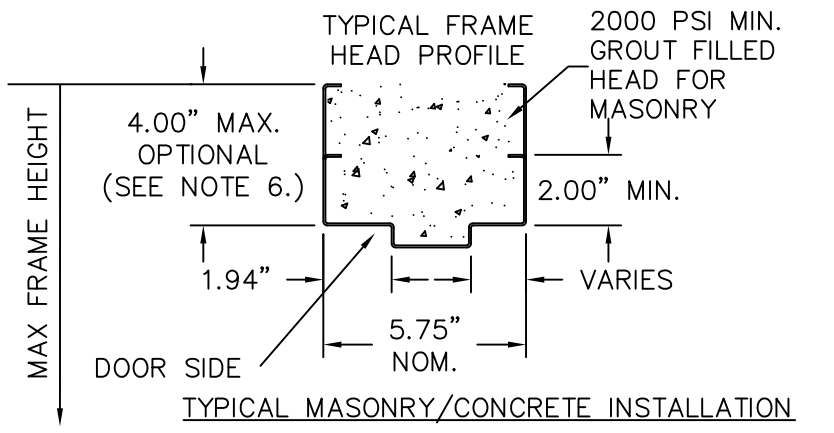
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishag I. Chande
Miami-Dade Product Control



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE			
DRAWN YMF		STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM AND SIDELITE FRAME			
DATE 02.24.03		CROSS SECTION OF DOOR AND FRAME			
CHECKED		EXIT HARDWARE			
		H-SERIES FG SINGLE AND 6070 DOUBLE DOORS			
		FULL GLASS CONFIGURATION W/ SIDE AND TRANSOM LITES/PANEL			
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 2 OF 19
ENG. APPVL					REV J
		SCALE:	NTS	AUTOCAD	



REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
C	REVISION DWGS.	08/26/08		
H	REVISION	07/27/18		
I	ADDRESS UPDATE	JPD 01/10/20		
J	2020 FBC UPDATE	NUS 07/03/20		



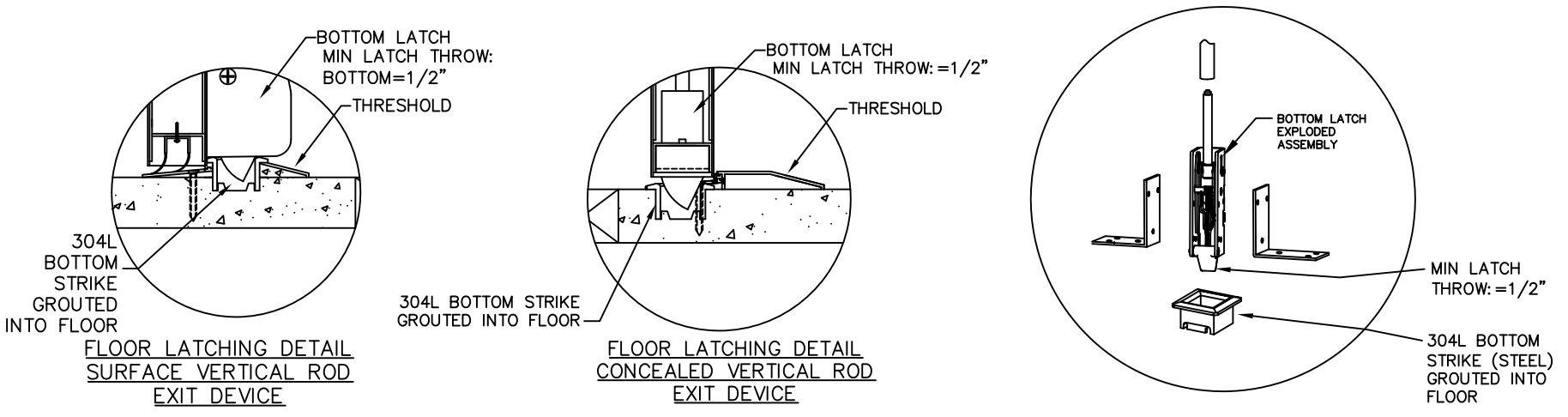
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11

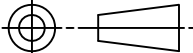
Expiration Date 05/05/2022

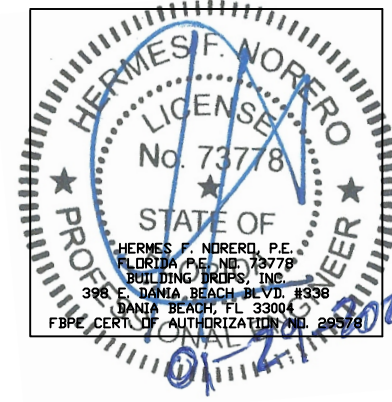
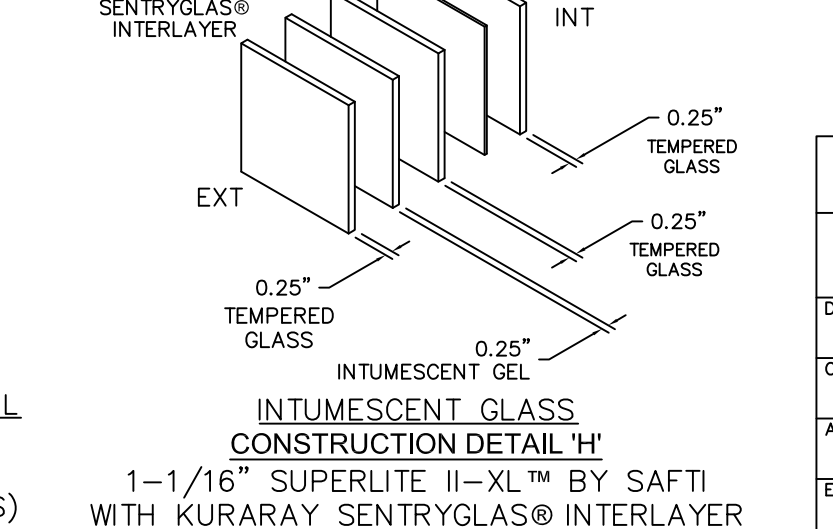
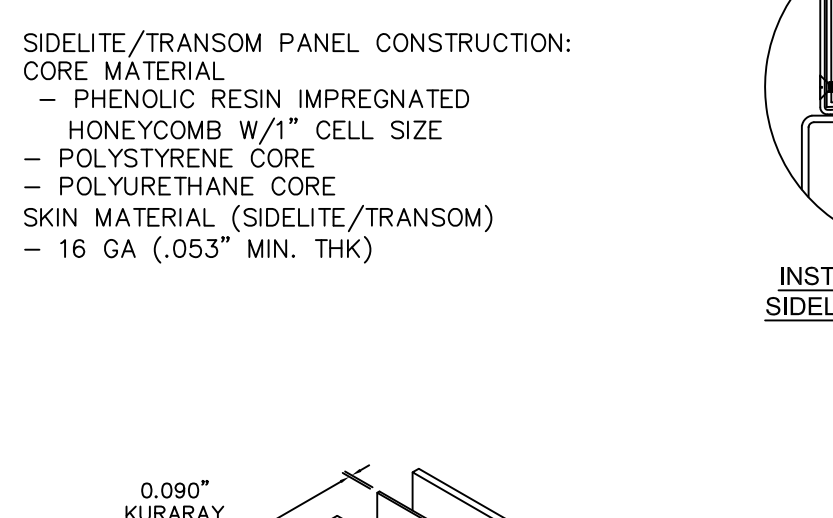
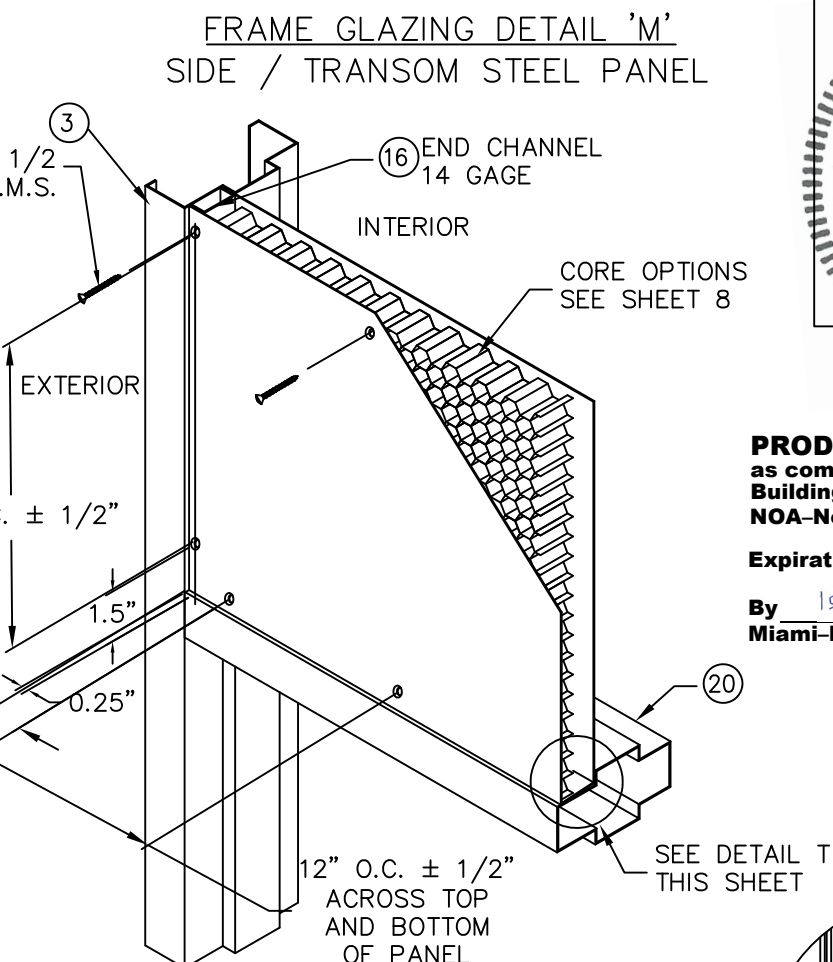
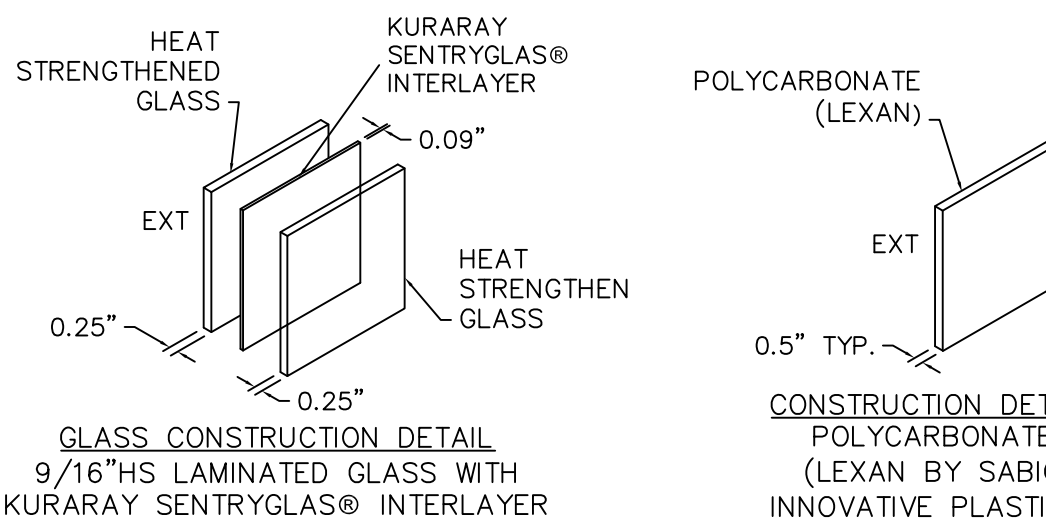
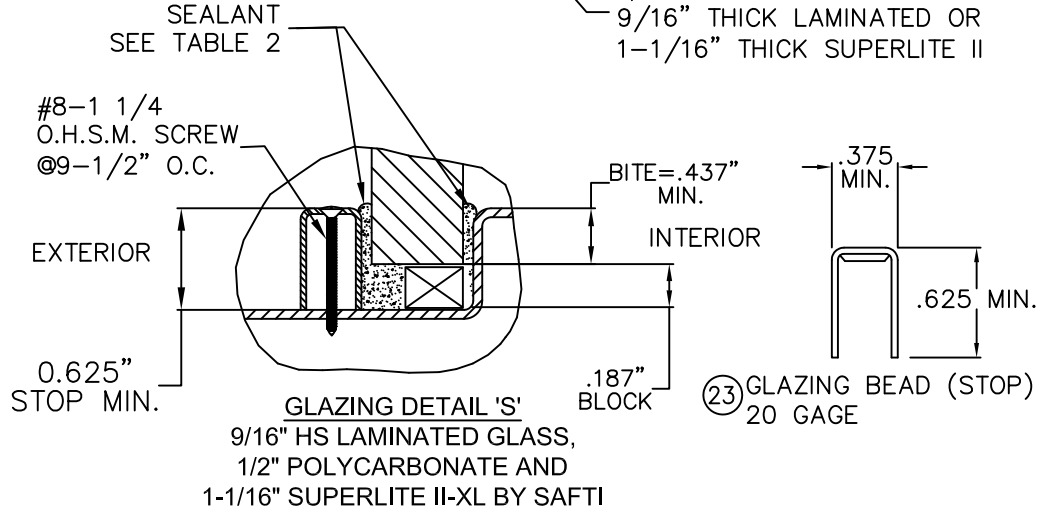
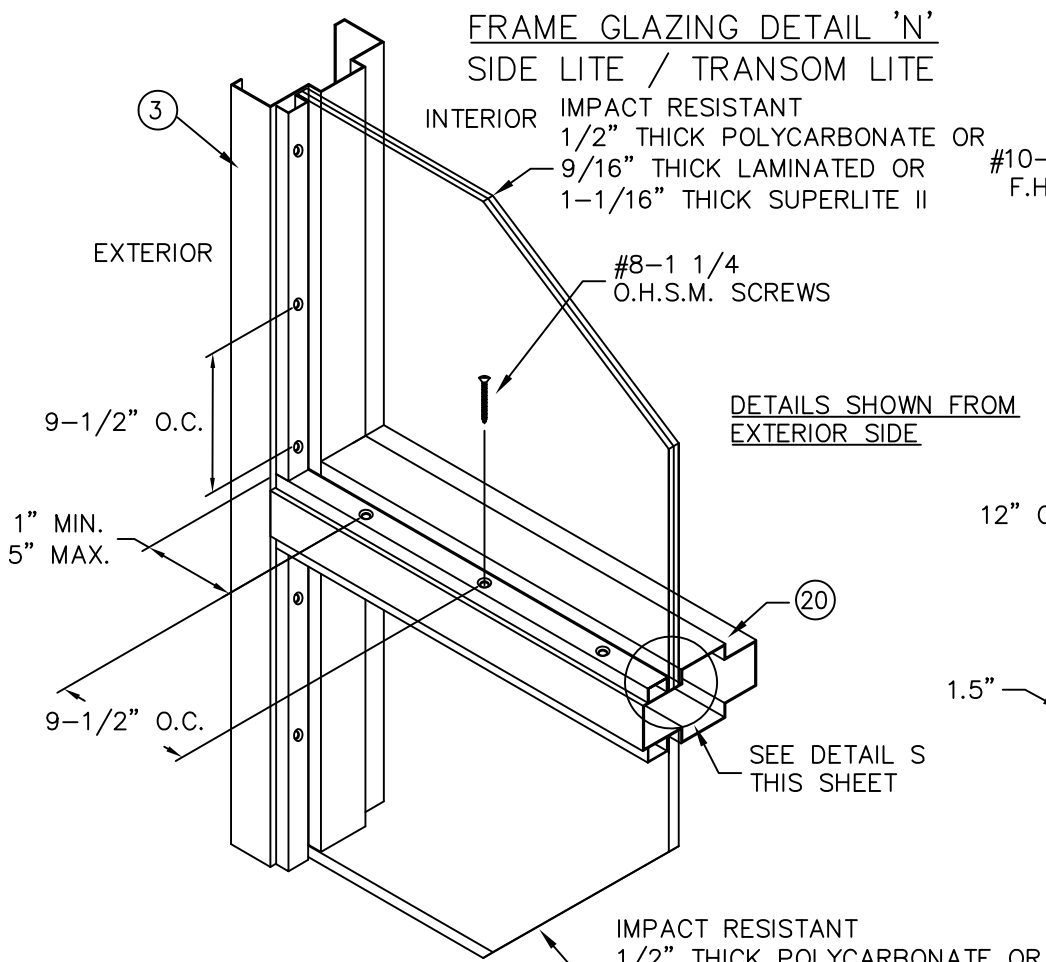
By Ishaq I. Chank
Miami-Dade Product Control

HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DESIGN, INC.
398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

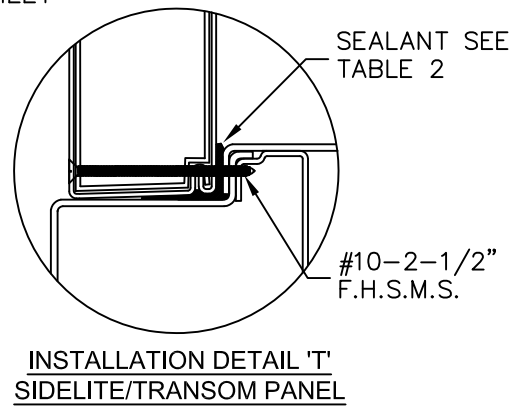
- NOTES:
1. SEE SHTS.1, 5, 9 & 19 FOR ELEVATION, MATERIAL & HINGE OPTIONS
 2. SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
 3. SEE SHTS. 10 THRU 14 FOR WALL CONSTRUCTION AND ANCHORING SYSTEMS
 4. SEE SHTS. 5 & 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
 5. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS.
 6. HEAD SECTION CAN HAVE 2" OR 4" FACE HEAD WHEN GROUTED FULL WITH 2000 PSI GROUT, WITHIN MAX FRAME HEIGHT
 7. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST COMPLY WITH APPROVED DESIGN PRESSURE RATING.



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE			
DRAWN	DATE	STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM AND SIDELITE FRAME			
YMF	02.25.03	CROSS SECTION OF DOOR AND FRAME WITH EXIT HARDWARE			
CHECKED		H-SERIES FG SINGLE AND 6070 DOUBLE DOORS FULLY GLAZED CONFIGURATION W/SIDE AND TRANSOM LITES/PANEL			
APPROVED		SIZE	FLAT	DWG NO.	REV
				975W	J
ENG. APPVL		SCALE:	NTS	AUTOCAD	



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishag I. Chanda
Miami-Dade Product Control

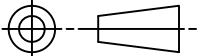


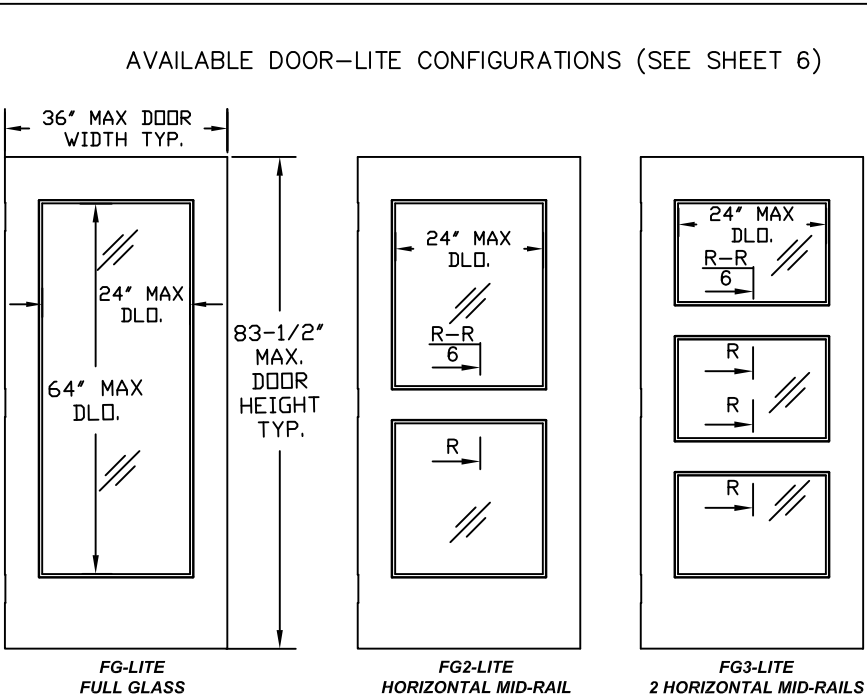
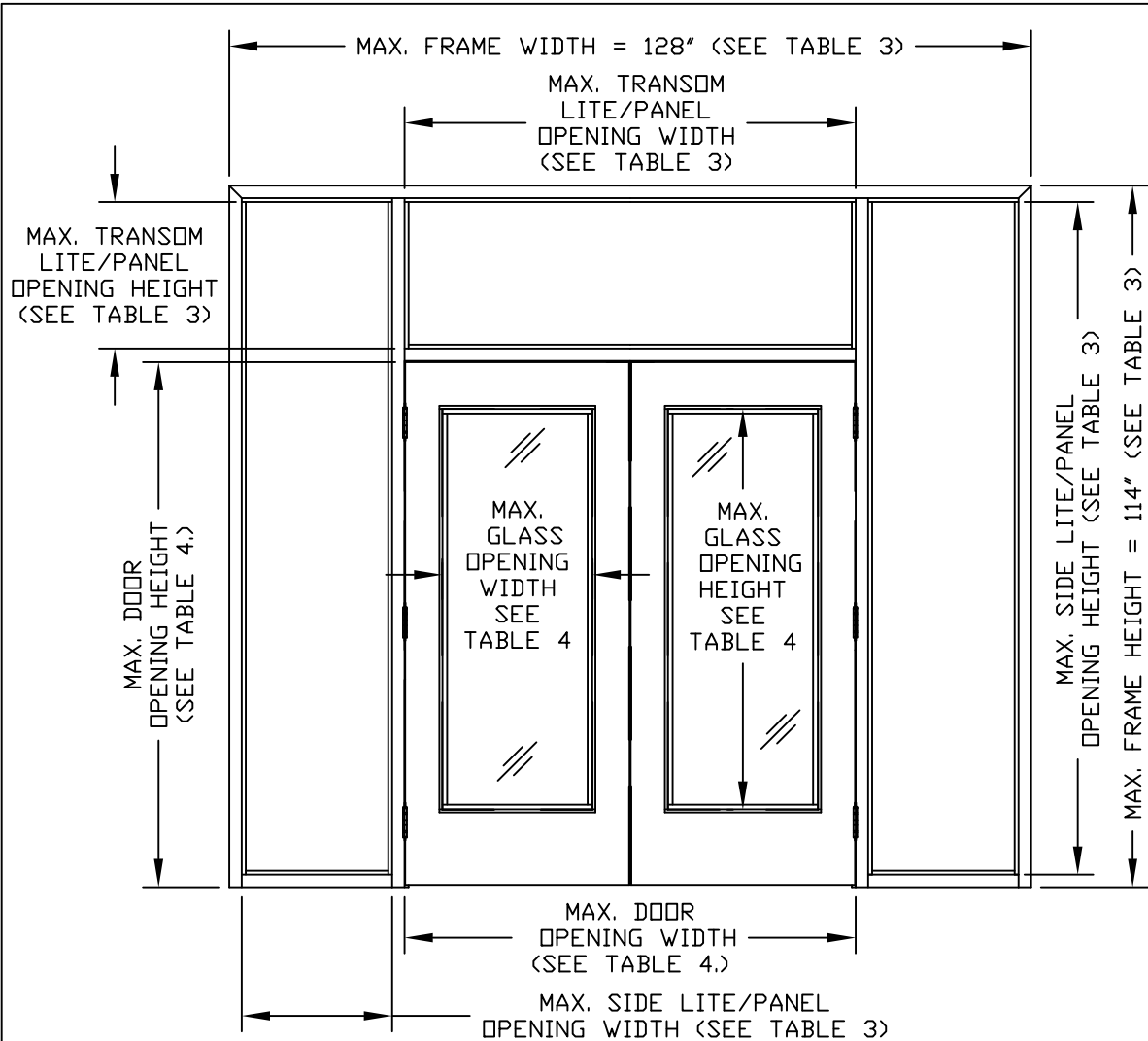
R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02.25.03	
D	REV'D DWG	08/30/13	
E	REV'D DWG	03/11/15	
G	EOR CHANGE	SIM 10/15/17	
H	REVISION	JPD 07/27/18	
I	ADDRESS UPDATE	SM 02/27/20	
J	2020 FBC UPDATE	NUS 07/03/20	

TABLE 2: SIDELITE & TRANSOM GLAZING OPTIONS

GLAZING TYPES AND METHODS	
TRANSOM & SIDELITE GLAZING OPTIONS	GLAZING SEALANT
1/2" TYP. POLYCARBONATE	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
9/16" TYP. HS LAMINATED GLASS	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
1-1/16" TYP. THICK SUPERLITE II-XL™	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
1-3/4" THICK STEEL PANEL	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983

- NOTES:
1. SEE SHTS. 1, 5, 9 AND 19 FOR ELEVATION, MATERIAL AND HINGE OPTIONS
 2. SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
 3. SEE SHTS. 10 THRU 14 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM
 4. SEE SHTS. 5, 6, 7 & 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
 5. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE			
DRAWN YMF	DATE 02.25.03	STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM AND SIDELITE FRAME GLAZING AND PANEL DETAILS H-SERIES FG SINGLE AND 6070 DOUBLE OPENING FULL GLAZED CONFIGURATION W/SIDE AND TRANSOM LITES/PANEL			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 975W	REV J
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHEET 4 OF 19



R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
B	APPROVAL DWG	YMF	01/06/05	
D	REV'D DWG		08/30/13	
E	REV'D DWG		03/11/15	
G	EDR CHANGE	SIM	10/15/17	
H	REVISION	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	

TABLE 5. STEEL DOOR & FRAME MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A366	MIN. 41.5	MIN. 52.9
HRS	A1011		
GALV: A60	A924	MIN. 41.5	MIN. 73.2
SS: 304,316	A240		

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishag I. Chande
Miami-Dade Product Control

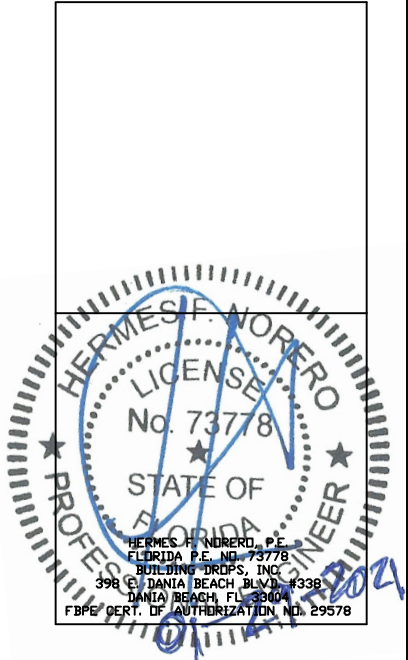


TABLE 3.

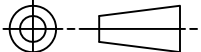
FRAME SERIES	JAMB DEPTH	FRAME MATERIAL		FRAME WALL OPENING SIZE, MAX.		TRANSOM LITE/PANEL OPENING SIZE, MAX.		SIDE LITE/PANEL OPENING SIZE, MAX.		GLAZING MATERIAL	
		DESCR.	GA./MIN. THK	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	DESCR.	THICKNESS
F	5.75" NOM.	CRS/HRS GALV	16/.053" 14/.067" 12/.099"	10'8" (128")	9'6" (114")	6'0" (72")	2'2" (26")	2'0" (24")	9'2" (110")	POLYCARBONATE LEXAN BY SABIC INNOVATIVE PLASTICS	.5" TYP.
		STAINLESS STEEL	16/.053"							LAMINATED GLASS WITH 0.09" KURARAY SENTRYGLAS® INTERLAYER	.56" TYP.
MU	5.75" NOM.	CRS/HRS GALV	16/.053" 14/.067"							LAMINATED GLASS SUPERLITEII BY SAFTI	1.06" TYP.
										SIDE/TRANSOM PANEL WITH HONEYCOMB CORE POLYSTYRENE CORE POLYURETHANE CORE	1.75"

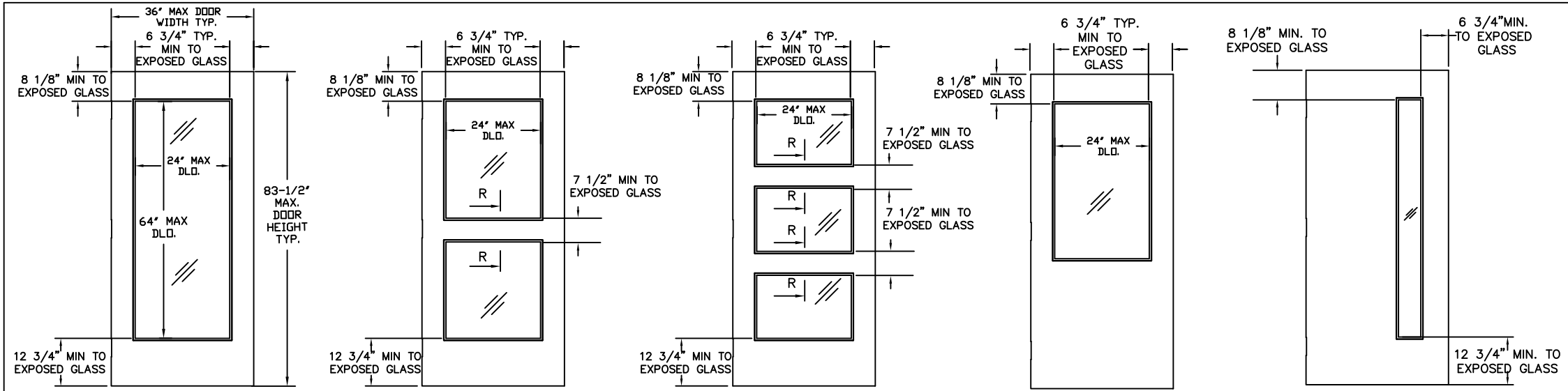
NOTES:

- FRAME CONSTRUCTION
1.1. NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
1.2. FRAMES AVAILABLE AS FLUSH (F–SERIES) AND MULT–USE(MU–SERIES) (SEE TABLE 3.)
1.3. FOR GLAZING DETAILS REFER TO SHEET 4.
1.4. SIDE/TRANSOM LITE/PANEL SIZES SHOWN (AS TESTED) ARE MAX. SIZES AVAILABLE. MULTIPLE LITES/PANELS ARE ACCEPTABLE WITH TOTAL DIMENSIONS LESS OR EQUAL TO THE SHOWN MAX. DIMENSIONS SHOWN IN TABLE 3.
- DOOR CONSTRUCTION
2.1. NOMINAL DOOR THICKNESS – 1 3/4"
2.2. GLASS OPENING SIZE TESTED (SEE TABLE 4.) IS MAX SIZE AVAILABLE FOR 6'0" X 7'0" DOOR OPENING. ALL SMALLER SIZES ARE ACCEPTABLE, AS DETERMINED BY FBC..
2.3. MAXIMUM GLASS OPENING SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE TESTED.
2.4. AVAILABLE DOOR–LITE CONFIGURATIONS: SEE SHEET 6.
2.5. FOR GLAZING DETAILS REFER TO SHEET 7.
- SEE TABLE 5 FOR MATERIAL SPECIFICATIONS FOR DOORS & FRAMES.

TABLE 4. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS (SEE NOTE 2.4)

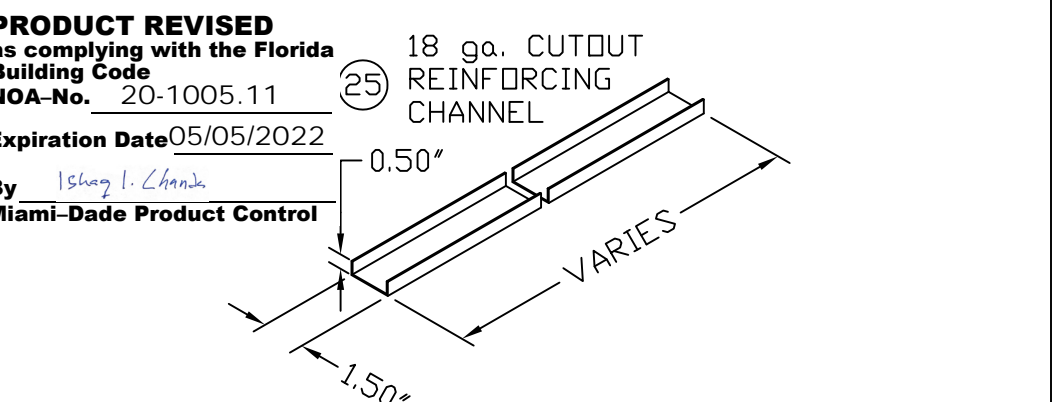
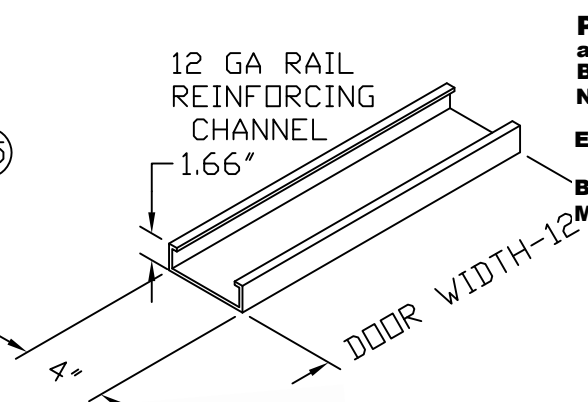
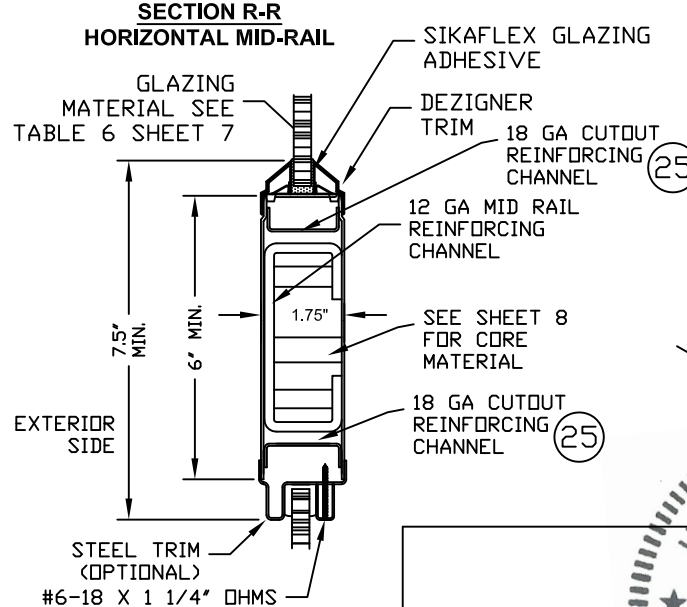
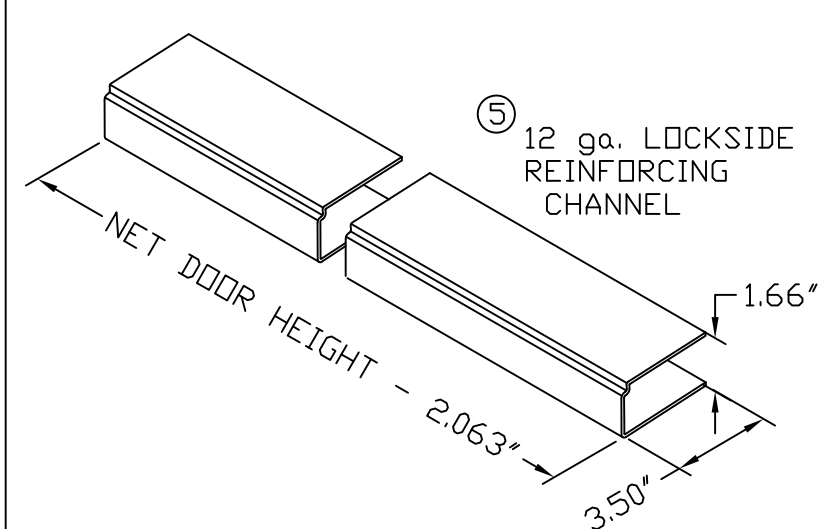
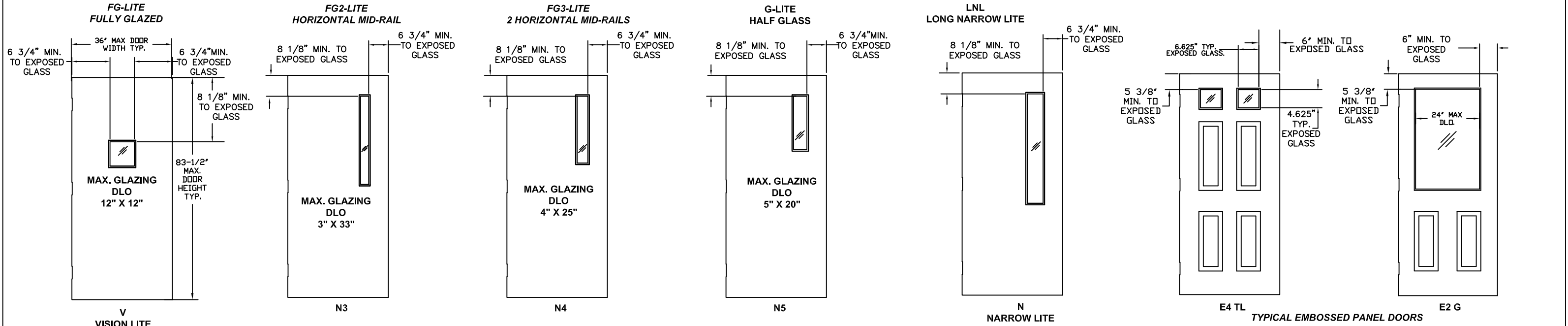
CORE MATERIAL PER SHT.8	DOOR OPENING SIZE, MAX.		SKIN MATERIAL		GLASS OPENING SIZE, MAX.		GLAZING MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK	WIDTH	HEIGHT	DESCR.	THICKNESS
HONEYCOMB POLYSTYRENE POLYURETHANE	6'0" (72")	7'0" (84")	CRS GALV Fy min=41.5KSi	16/.053" 14/.067"	2'0" (24")	5'4" (64")	POLYCARBONATE LEXAN BY SABIC MAKROLON BY BAYER	.5" TYP.
			STAINLESS STEEL Fy MIN=41.5KSi	16/.053"			LAMINATED GLASS WITH 0.09" KURARAY SENTRYGLAS® INTERLAYER	.56" TYP.
							LAMINATED GLASS SUPERLITE II BY SAFTI	1.06" TYP.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
		TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAMES DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS.			
DRAWN YMF	DATE 02.25.03				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 5 OF 19
ENG. APPVL		SCALE:	NTS	AUTOCAD	REV J

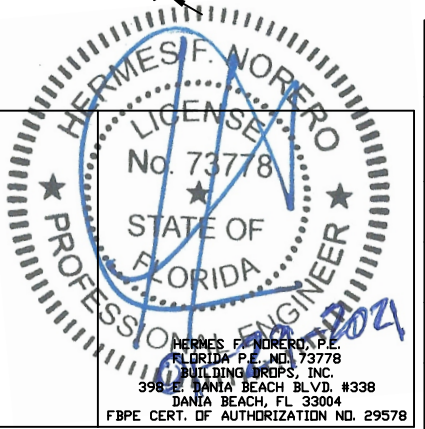


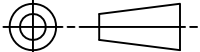
R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
B	APPROVAL DWG	YMF	01/06/05	
E	REV'D DWG		03/11/15	
G	EDR CHANGE	SIM	10/15/17	
H	REVISION	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	

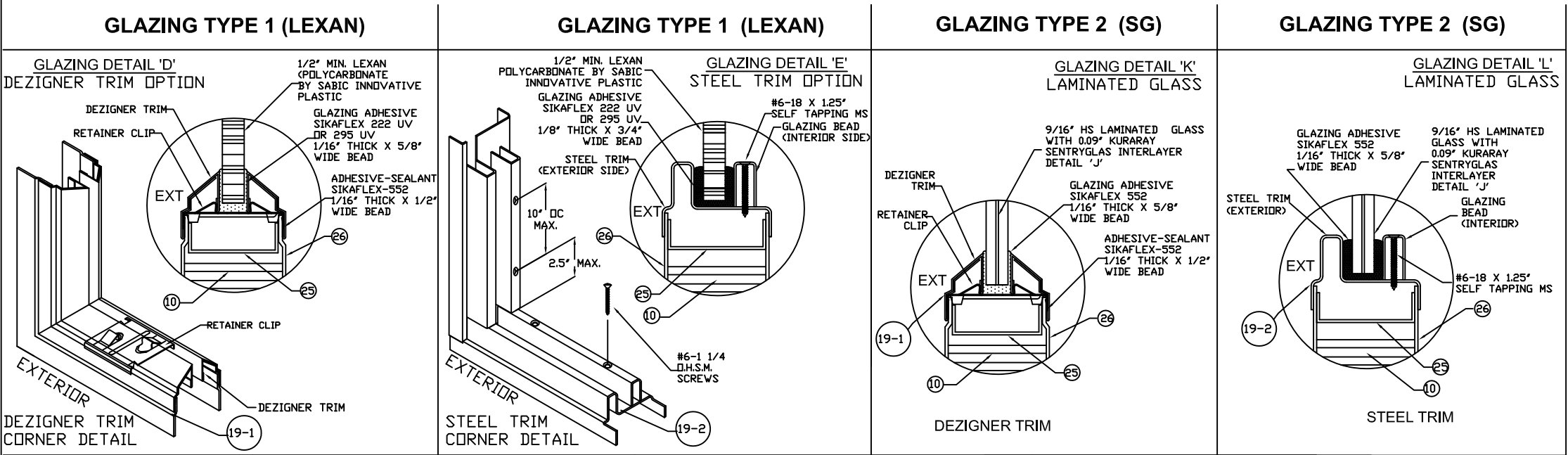
AVAILABLE DOOR PANEL CONFIGURATIONS



NOTES:
2. DOOR CONSTRUCTION
2.1. NOMINAL DOOR THICKNESS - 1 3/4"
2.2. GLASS OPENING SIZE TESTED (SEE TABLE 4. SHEET 5) IS MAX SIZE AVAILABLE FOR 6'0" X 7'0" DOOR OPENING. ALL SMALLER SIZES ARE ACCEPTABLE, AS PERMITTED BY FBC.
2.3. MAXIMUM GLASS OPENING SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE (SEE TABLE 4)
2.4. FOR DOOR GLAZING DETAILS REFER TO SHEET 7.
2.5. WHEN USING CONTINUOUS HINGE THE MINIMUM DISTANCE FROM DOOR EDGE TO EXPOSED GLASS IS 6 1/4" AT STILES AND 7-1/2" AT MID RAILS.



BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>					
THIRD ANGLE PROJECTION		TITLE STEELCRAFT H SERIES SINGLE & DOUBLE DOORS WITH TRANSOM & SIDELITE FRAMES			
DRAWN YMF	DATE 02.25.03	GLASS DOOR CONFIGURATIONS			
CHECKED					
APPROVED		SIZE FLAT	DWG NO. 975W	SHEET 6 OF 19	REV J
ENG. APPVL		SCALE: NTS	AUTOCAD		



R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
B	APPROVAL DWG	YMF	01/06/05	
D	REVISED DWG	JPD	08/30/13	
E	REVISED DWG	JPD	03/11/15	
G	EDR CHANGE	SIM	10/15/17	
H	REVISED DWG	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	

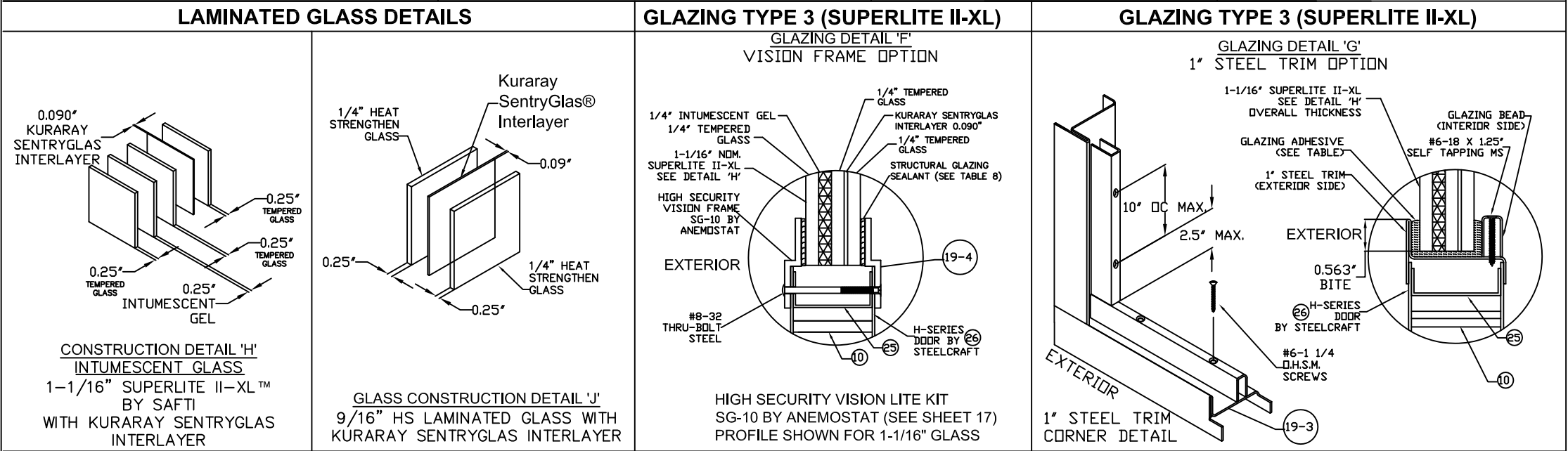
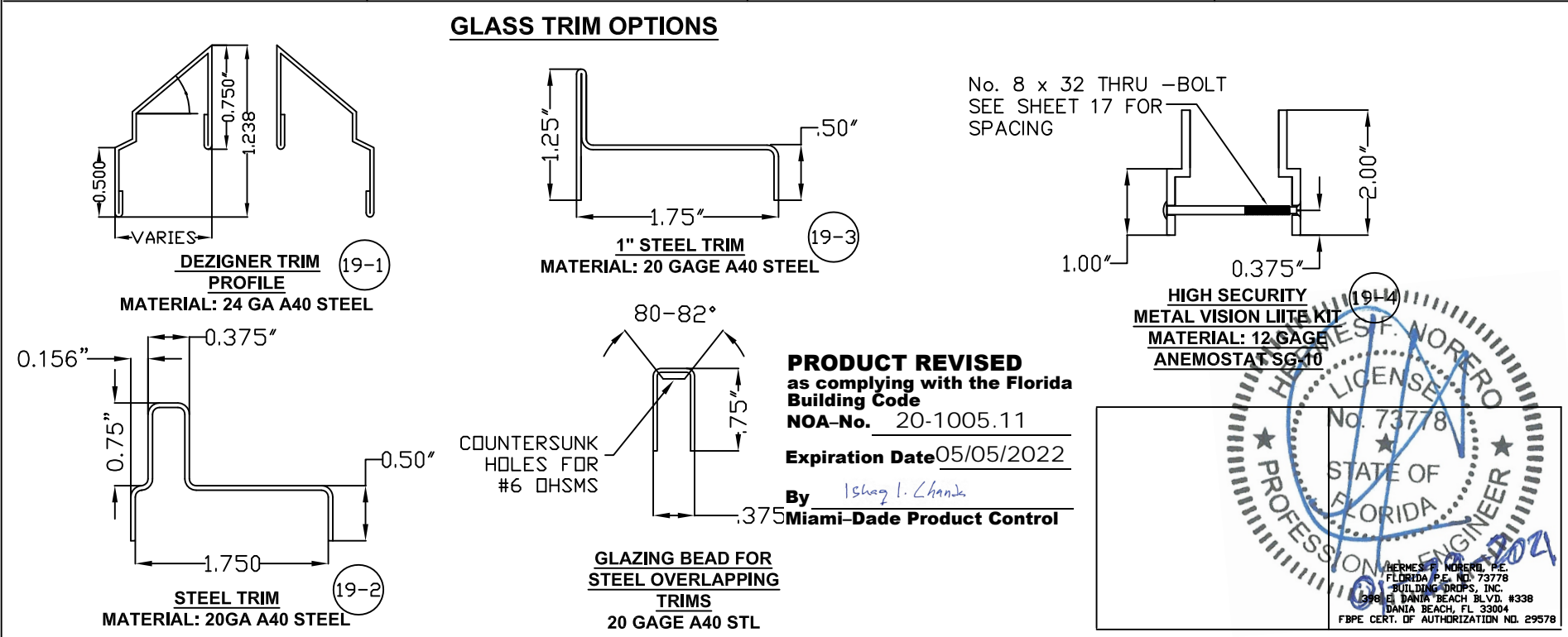


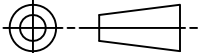
TABLE 6. GLAZING TYPES AND METHODS

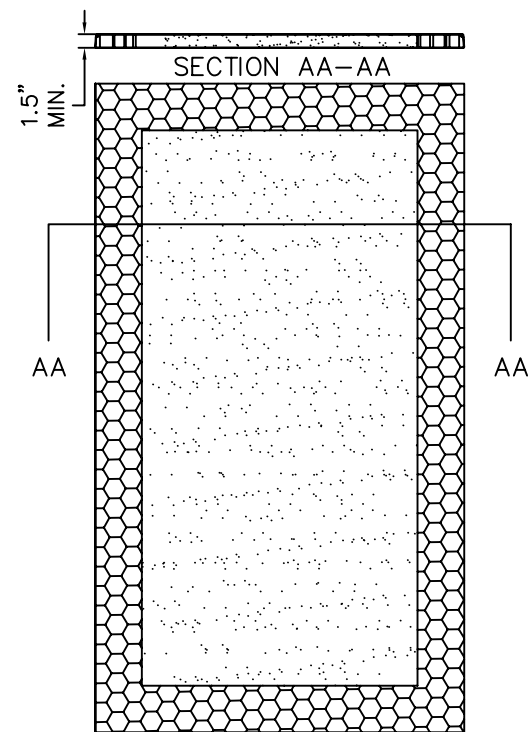
TYPE	GLAZING MATERIAL	TRIM TYPE	SEALANT -ADHESIVE	GLAZING SEALANT
1	LEXAN BY SABIC INNOVATIVE PLASTICS 1/2" TRIM DETAILS 'D' & 'E'	DEZIGNER 1/2"	SIKAFLEX 552	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		STEEL TRIM		
2	9/16" HS LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER 'J' TRIM DETAILS 'K' & 'L'	DEZIGNER 1/2"	SIKAFLEX 552	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		STEEL TRIM		
		1" STEEL TRIM		
3	SUPERLITE II-XL™ BY SAFTI WITH KURARAY SENTRYGLAS INTERLAYER 'H' TRIM DETAILS 'F' & 'G'	1" STEEL TRIM (DETAIL 'G')	NONE	SIKAFLEX 552 OR DOW CORNING 995/983 1/16" X 5/8" BEAD
		SECURITY VISION FRAME SG-10 BY ANEMOSTAT (DETAIL 'F')	NONE	



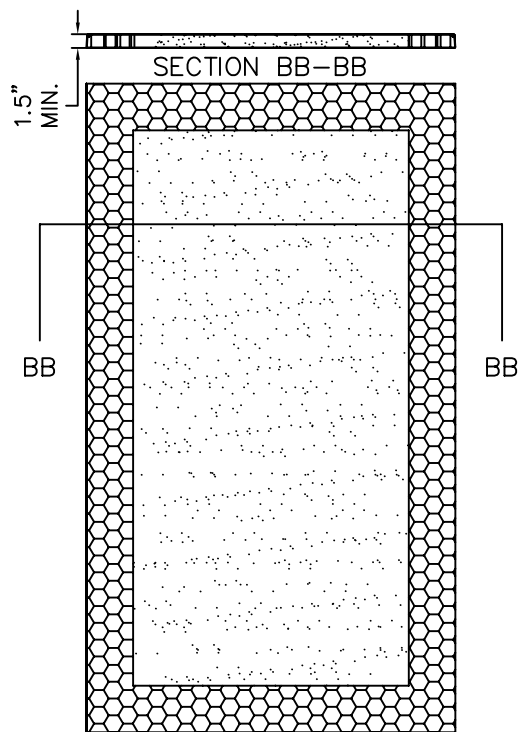
NOTES:

1. SEE SHT.1 FOR ELEVATIONS, SHT.5 FOR SIZES AND MATERIAL SPECIFICATIONS.
2. SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
3. SEE SHTS. 10 THRU 14 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM
4. SEE SHTS. 5 & 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE ON SHEETS 1, 2, 3, 15 THRU 19 TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
6. FIRE RATINGS ARE NOT PART OF THIS APPROVAL.

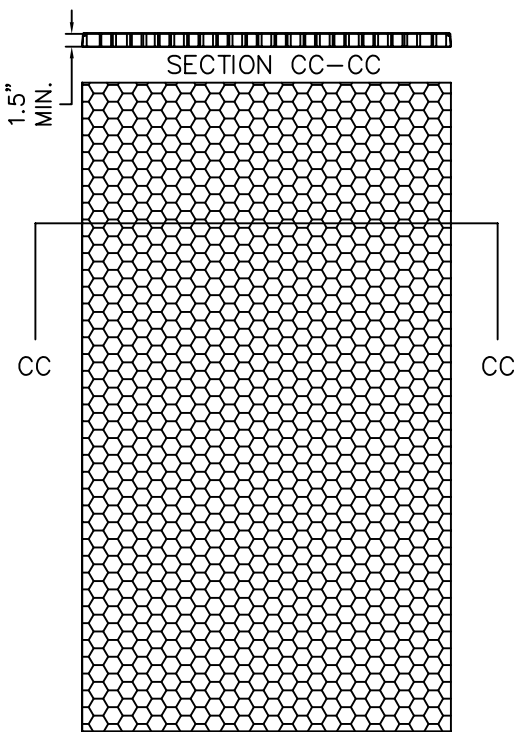
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
		TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME GLASS TRIM AND GLAZING OPTIONS			
DRAWN YMF	DATE 02.25.03				
CHECKED					
APPROVED		SIZE FLAT	DWG NO. 975W	SHEET 7 OF 19	REV J
ENG. APPVL		SCALE: NTS	AUTOCAD		



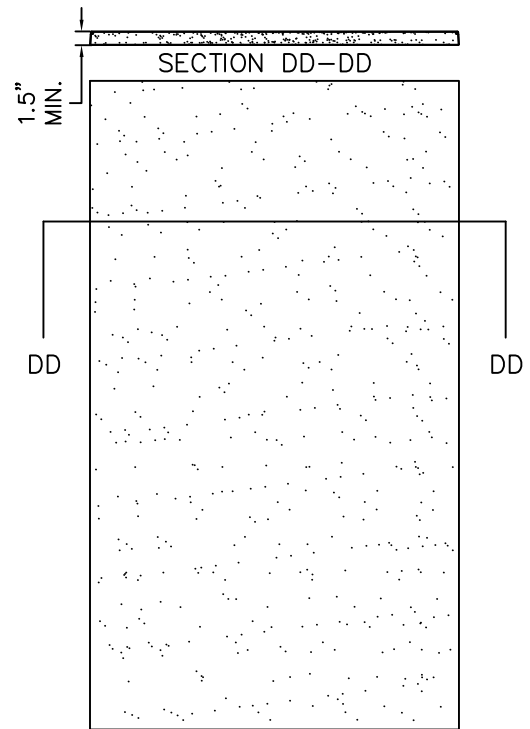
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT³



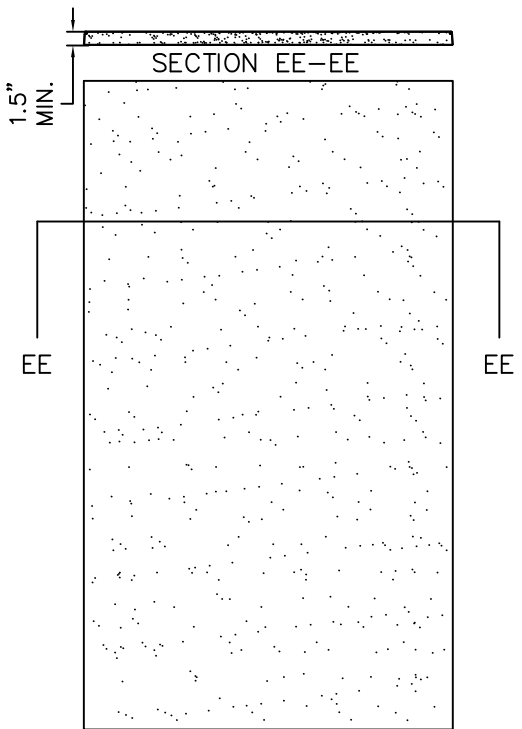
(B) POLYISOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN
DENSITY: 2 LBS/FT³



(C) HONEYCOMB
KRAFT PAPER.



(D) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS, DENSITY:1.0 LB/FT³



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

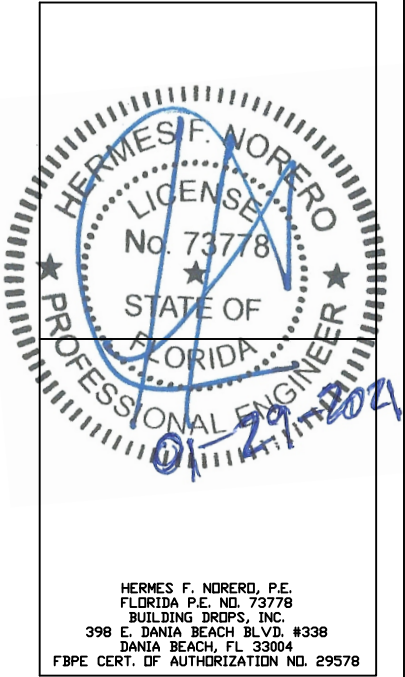
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11

Expiration Date 05/05/2022

By Ishag I. Chande
Miami-Dade Product Control

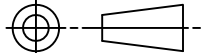
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
D	REV'D DWG.	08/30/13	
E	REVISED JPD	03/11/15	
F	REVISED JPD	05/05/15	
G	EOR CHANGE SIM	10/15/17	
H	REVISED JPD	07/27/18	
I	ADDRESS UPDATE SM	02/27/20	
J	2020 FBC UPDATE NUS	07/03/20	



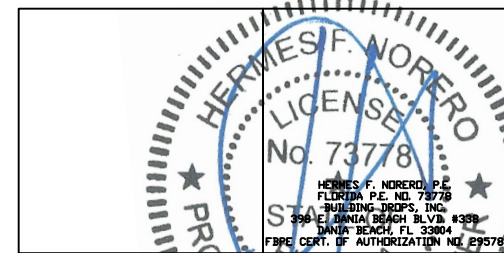
NOTES:

1. CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS OR GLASS LITE CUTOUTS.

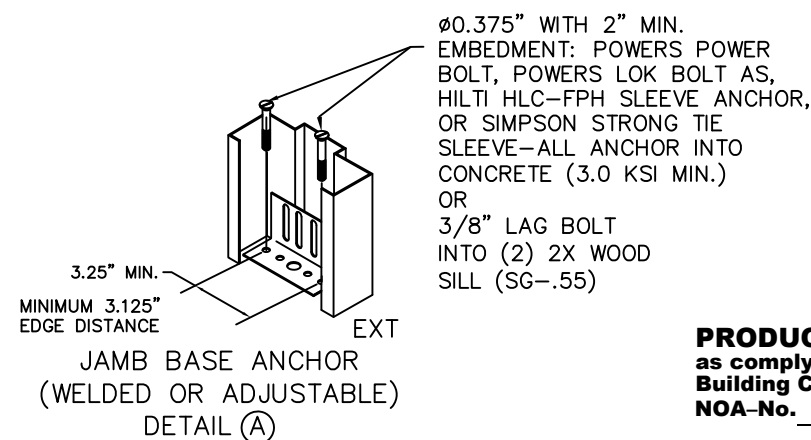
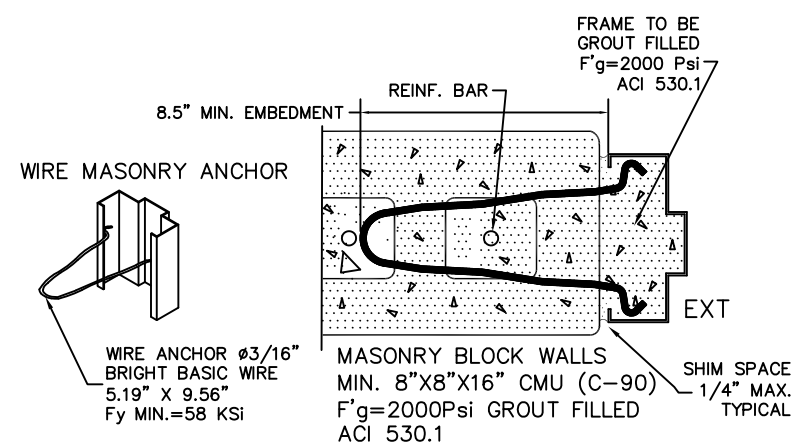
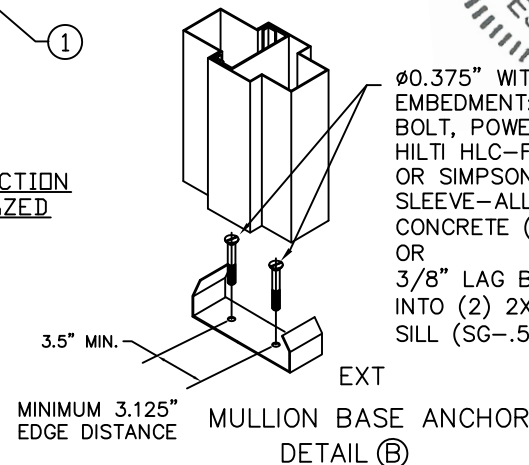
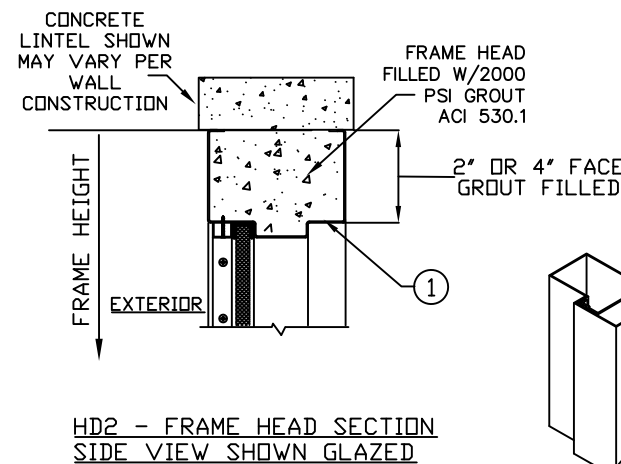
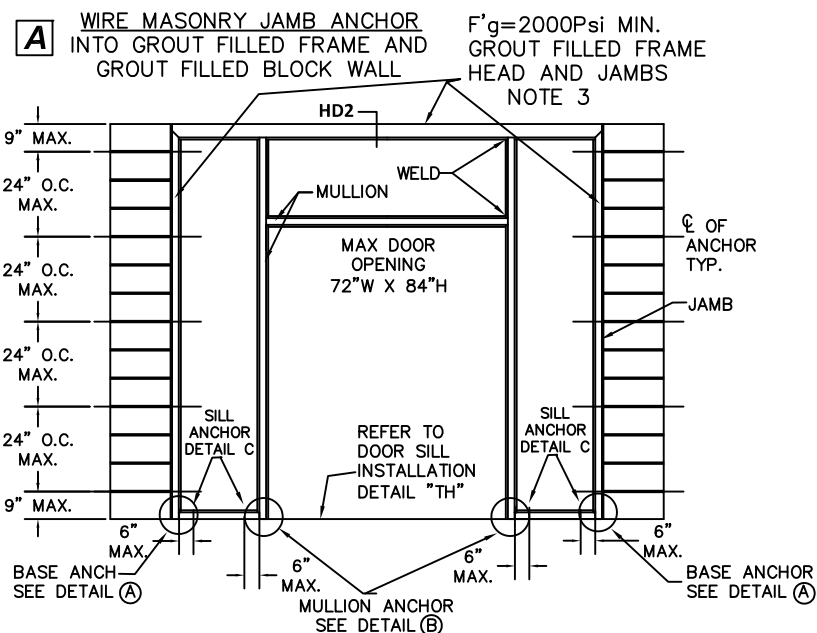
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION		TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM AND SIDELITE FRAME			
DRAWN YMF	DATE 02.24.03	CORE MATERIAL FOR DOORS AND PANELS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 8 OF 19
ENG. APPVL		SCALE:	NTS	AUTOCAD	REV J

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B	APPROVAL DWG	YMF 01/06/05	
D	REVISED DWG	JPD 08/30/13	
E	REVISED DWG	JPD 03/11/15	
F	REVISED DWG	JPD 05/05/15	
G	EDR CHANGE	SIM 10/15/17	
H	REVISED DWG	JPD 07/27/18	
I	ADDRESS UPDATE	SM 02/27/20	
J	2020 FBC UPDATE	NUS 07/03/20	



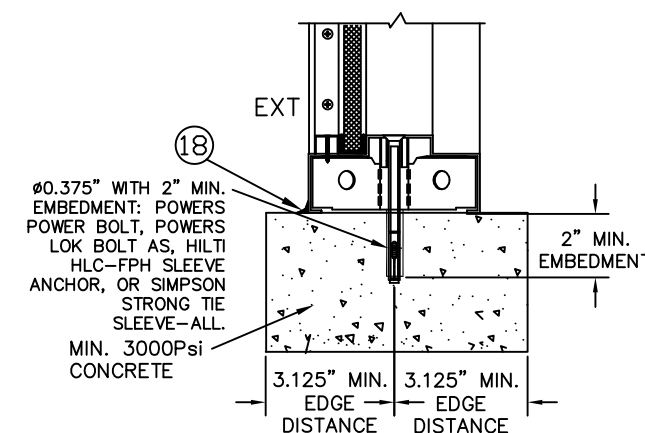
HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
BUILDING DESIGN, INC.
390 E. JAMES BEACH BLVD. #300
SAN JUAN BEACH, FL 33404
FBPE CERT. OF AUTHORIZATION NO. 29578



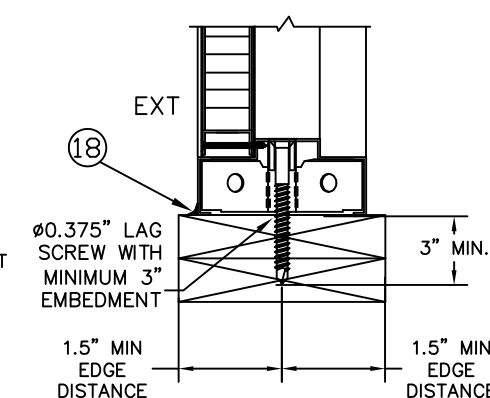
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-1005.11

Expiration Date 05/05/2022

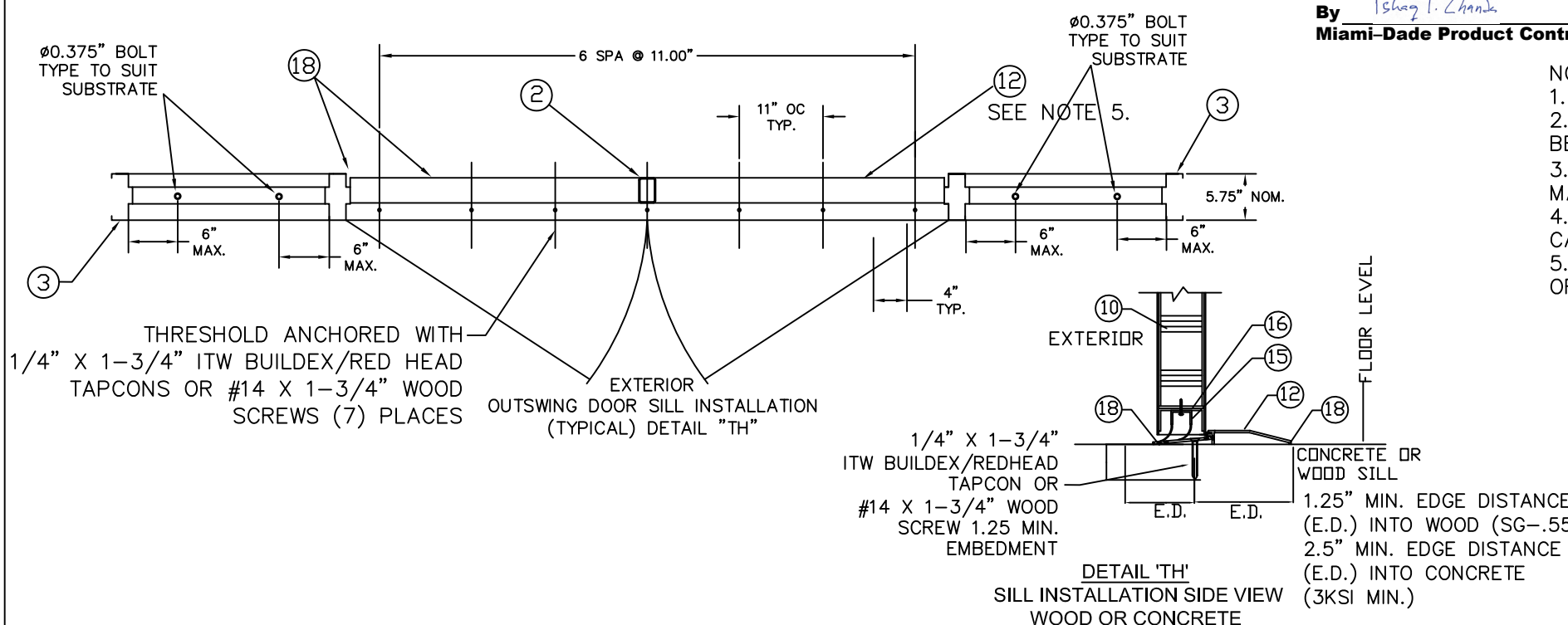
By Ishaq I. Chank
Miami-Dade Product Control



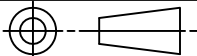
C SIDELITE SILL ANCHOR DETAIL INTO CONCRETE (3.0 KSI MIN.) SHOWN GLAZED (SIDE VIEW)



C SIDELITE SILL ANCHOR DETAIL INTO WOOD (2) 2X (SG=.55) SHOWN WITH PANEL (SIDE VIEW)

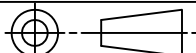


- NOTES:
1. WALLS MUST BE DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING CODE.
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. HEAD SECTION CAN HAVE 4" FACE WHEN GROUTED FULL 2000 PSI GROUT ACI 530.1; WITHIN MAX FRAME HEIGHT TESTED.
 4. SEAL ALL JOINTS WHERE FRAME MEETS SUBSTRATE WITH BUTYL RUBBER OR 100% SILICONE CAULK
 5. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

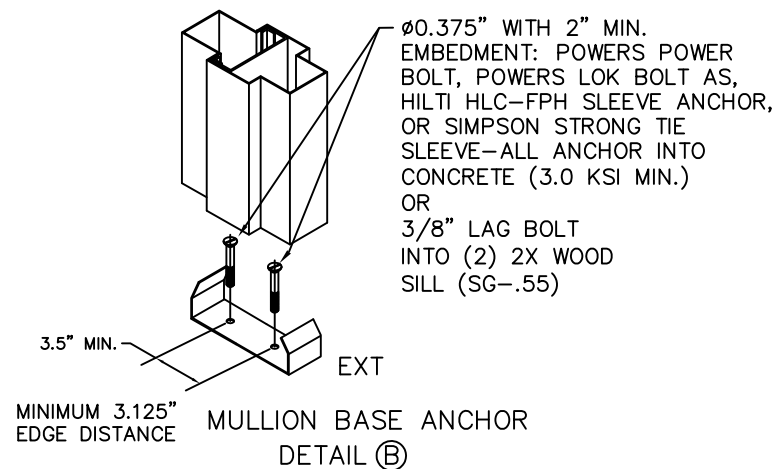
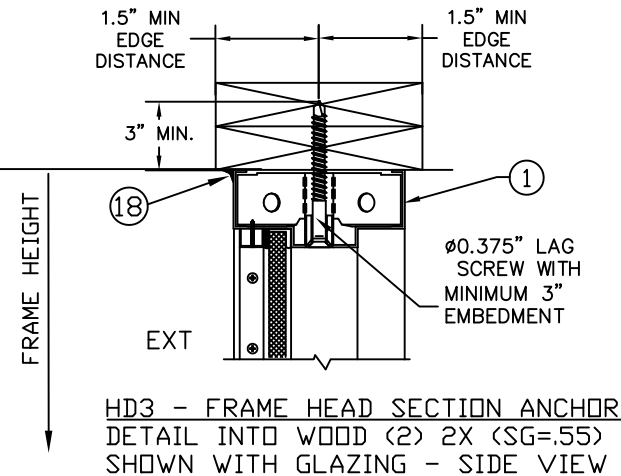
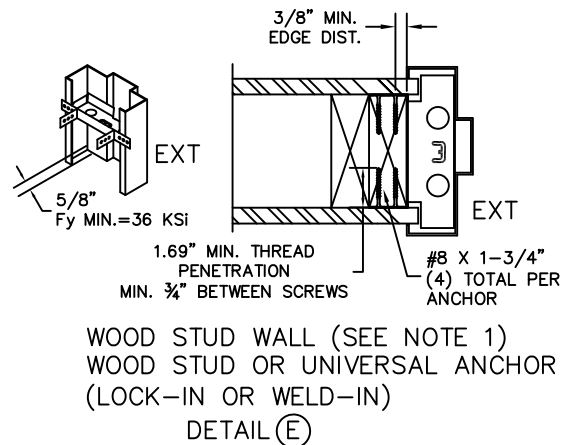
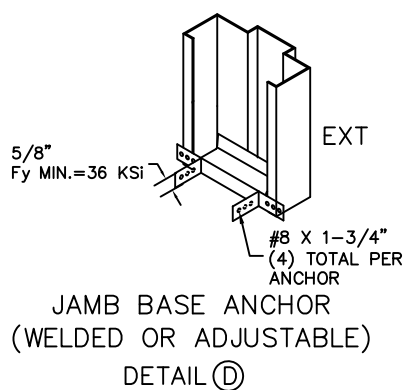
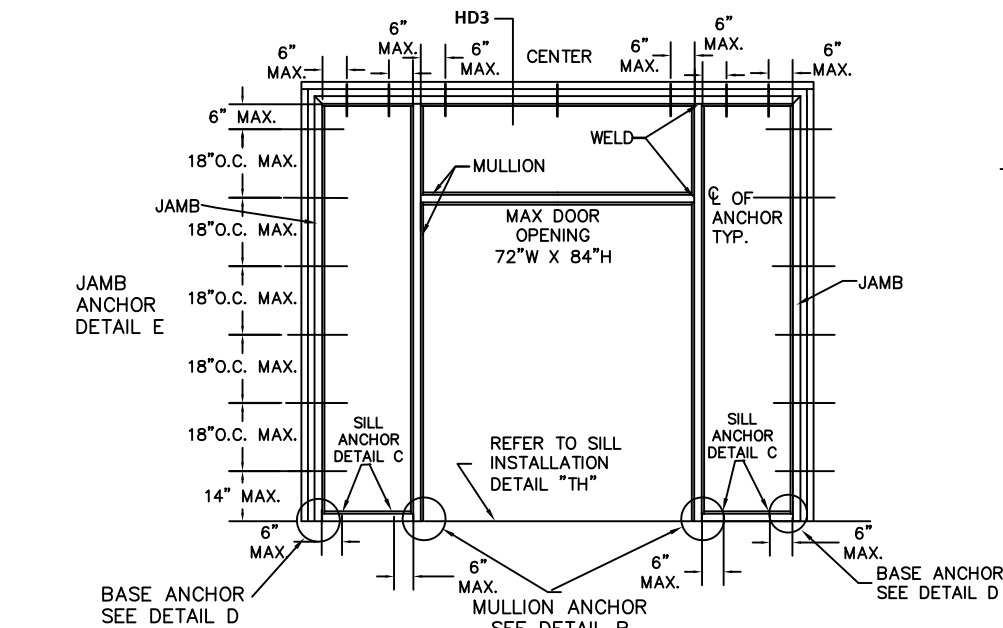
BEND RADIUS				SCHLAGE LOCK COMPANY, LLC		MANUFACTURING LOCATION:	
THIRD ANGLE PROJECTION				11819 N. PENNSYLVANIA STREET		STEELCRAFT	
DRAWN YMF		DATE 02.25.03		CARMEL, IN 46032		9017 BLUE ASH ROAD	
CHECKED				CINCINNATI, OH 45242			
APPROVED				TITLE STEELCRAFT SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME			
ENG. APPVL				ANCHOR DETAILS / MOUNTING CONDITIONS			
		SIZE	FLAT	DWG NO.	SHEET 10 OF 19		REV
		SCALE:	NTS	AUTOCAD			J

NOTES:

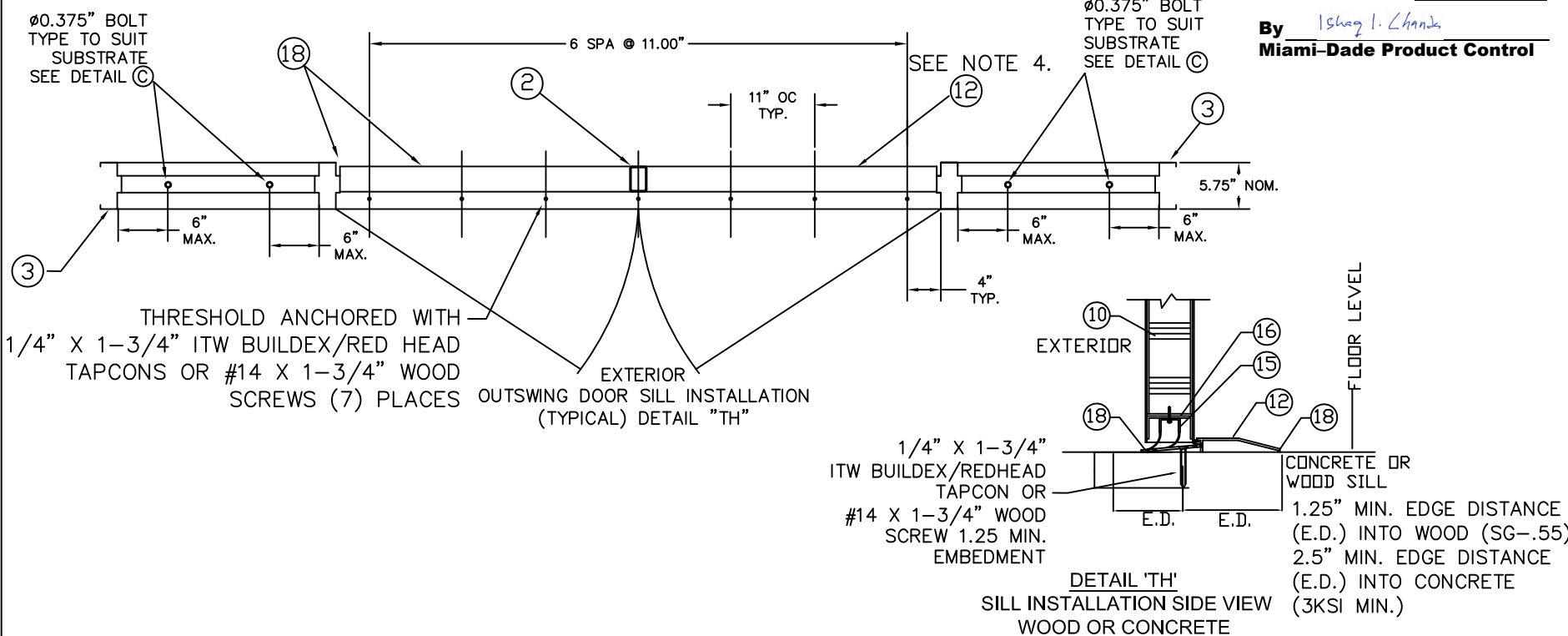
1. WALLS MUST BE DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING CODE.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. HEAD SECTION CAN HAVE 4" FACE WHEN GROUTED FULL 2000 PSI GROUT ACI 530.1 WITHIN MAX FRAME HEIGHT TESTED.
4. SEAL ALL JOINTS WHERE FRAME MEETS SUBSTRATE WITH BUTYL RUBBER OR 100% SILICONE CAULK
5. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>		
						
THIRD ANGLE PROJECTION		TITLE STEELCRAFT SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME				
DRAWN YMF	DATE 02.25.03	ANCHOR DETAILS / MOUNTING CONDITIONS				
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 11 OF 19	REV J
ENG. APPVL		SCALE: 1	NTS	AUTOCAD		

C WOOD STUD JAMB ANCHOR

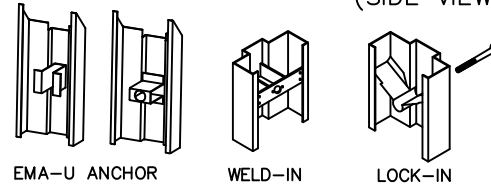
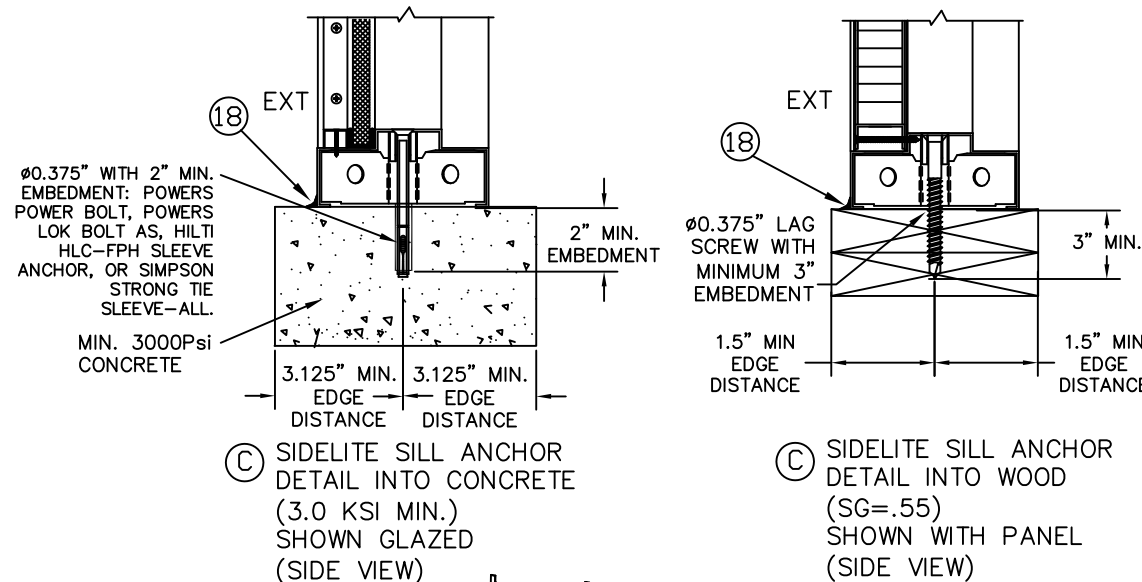


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By *Ishaq I. Chank*
Miami-Dade Product Control

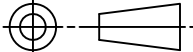


REVISIONS

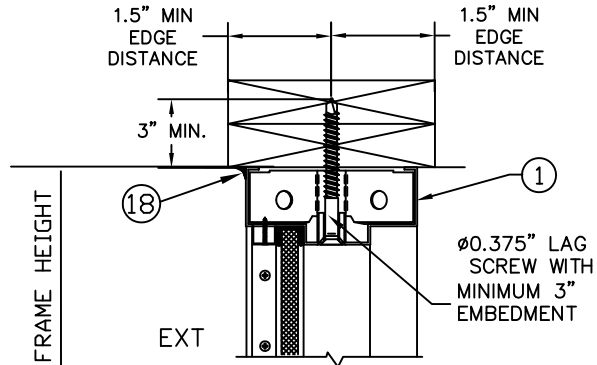
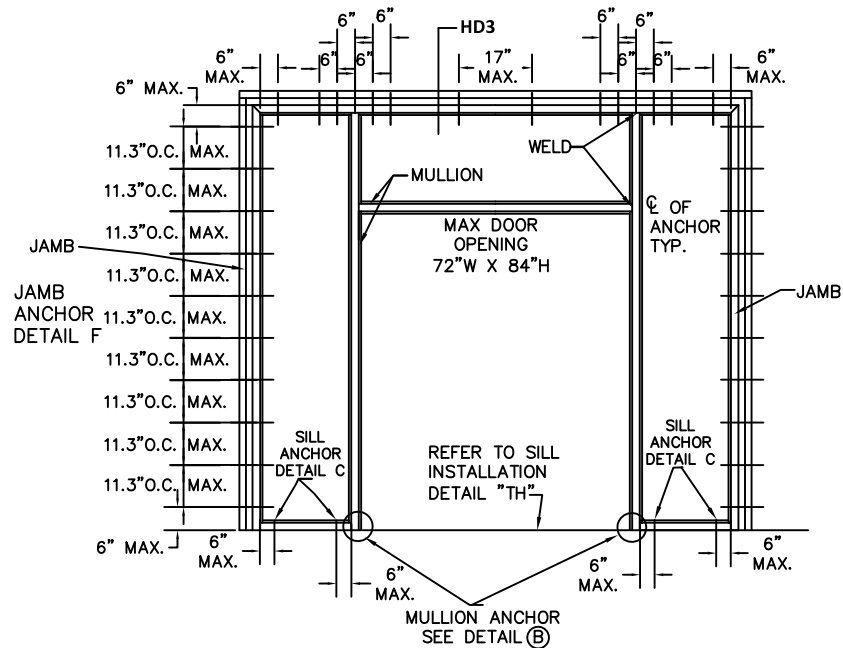
LTR	DESCRIPTION	DATE	APPROVED
B	APPROVAL DWG	YMF	01/06/05
D	REVISED DWG	JPD	08/30/13
E	REVISED DWG	JPD	03/11/15
F	REVISED DWG	JPD	05/05/15
G	EDR CHANGE	SIM	10/15/17
H	REVISED DWG	JPD	07/27/18
I	ADDRESS UPDATE	SM	02/27/20
J	2020 FBC UPDATE	NUS	07/03/20



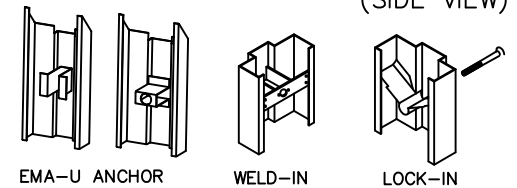
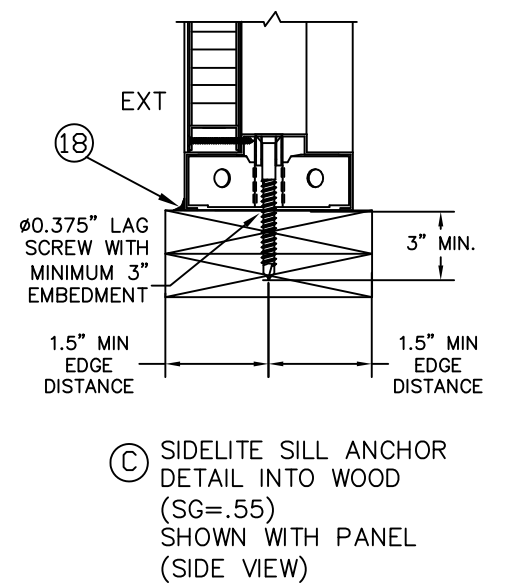
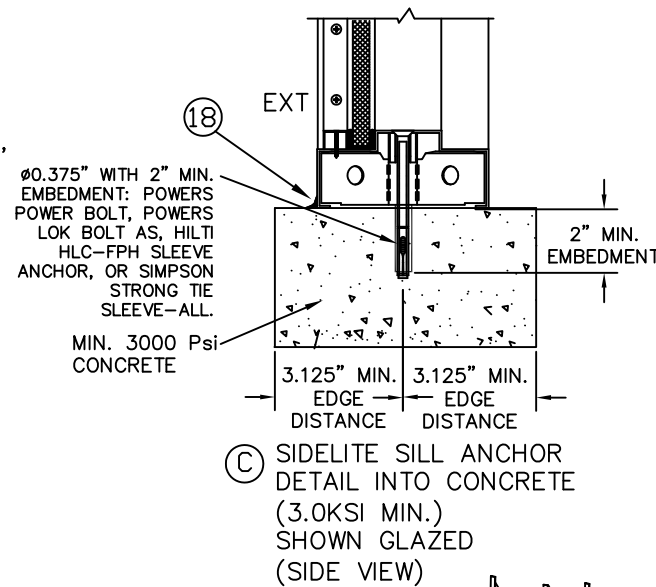
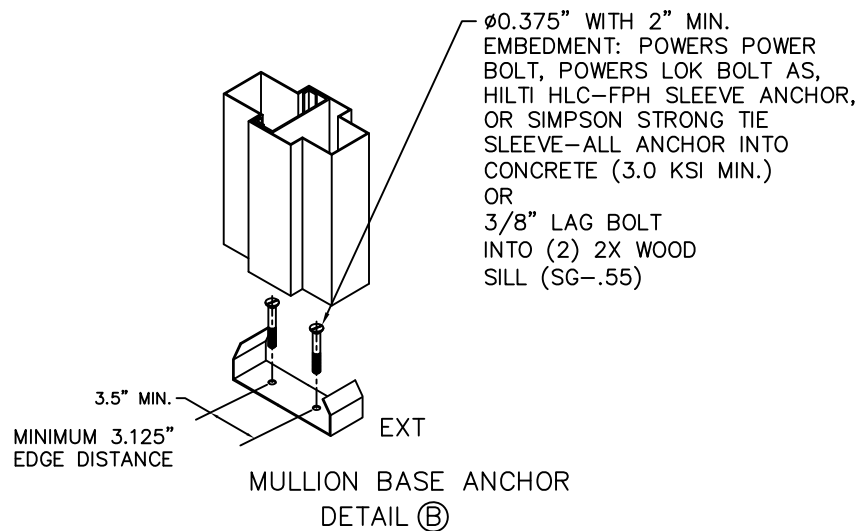
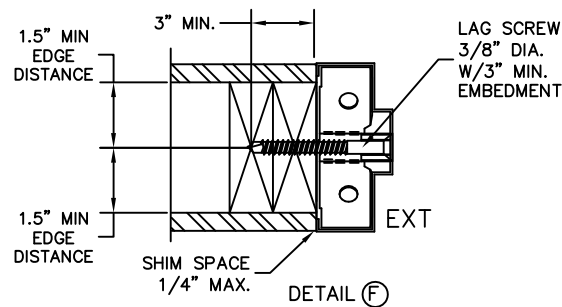
- NOTES:
- WOOD STUD WALLS MUST BE DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING CODE AND MUST CARRY 320#/FT LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.
 - NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM ON CENTER DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 - SEAL ALL JOINTS WHERE FRAME MEETS SUBSTRATE WITH BUTYL RUBBER OR 100% SILICONE CAULK
 - INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS				SCHLAGE LOCK COMPANY, LLC		MANUFACTURING LOCATION:	
THIRD ANGLE PROJECTION				11819 N. PENNSYLVANIA STREET		STEELCRAFT	
DRAWN YMF		DATE 02.25.03		CARMEL, IN 46032		9017 BLUE ASH ROAD	
CHECKED				CINCINNATI, OH 45242			
APPROVED				TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME			
ENG. APPVL				ANCHOR DETAILS / MOUNTING CONDITIONS			
		SIZE	FLAT	DWG NO.	SHEET		REV
				975W	12 OF 19		J
		SCALE:	NTS	AUTOCAD			

D EXISTING WALL JAMB ANCHOR WITH LAG SCREW INTO WOOD STUD WALL



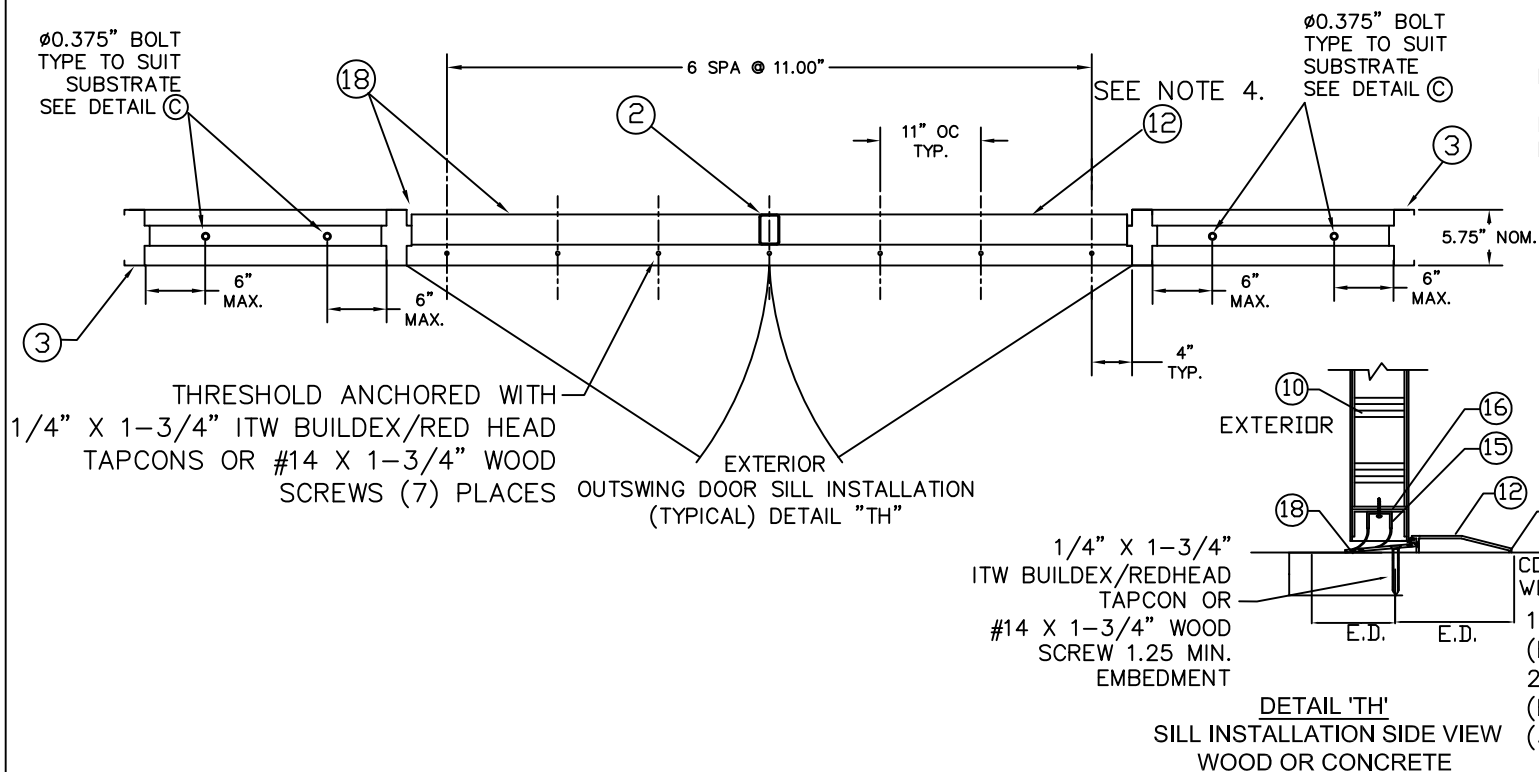
HD3 - FRAME HEAD SECTION ANCHOR
DETAIL INTO WOOD (2) 2X SG=.55
SHOWN WITH GLAZING - SIDE VIEW



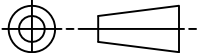
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11

Expiration Date 05/05/2022

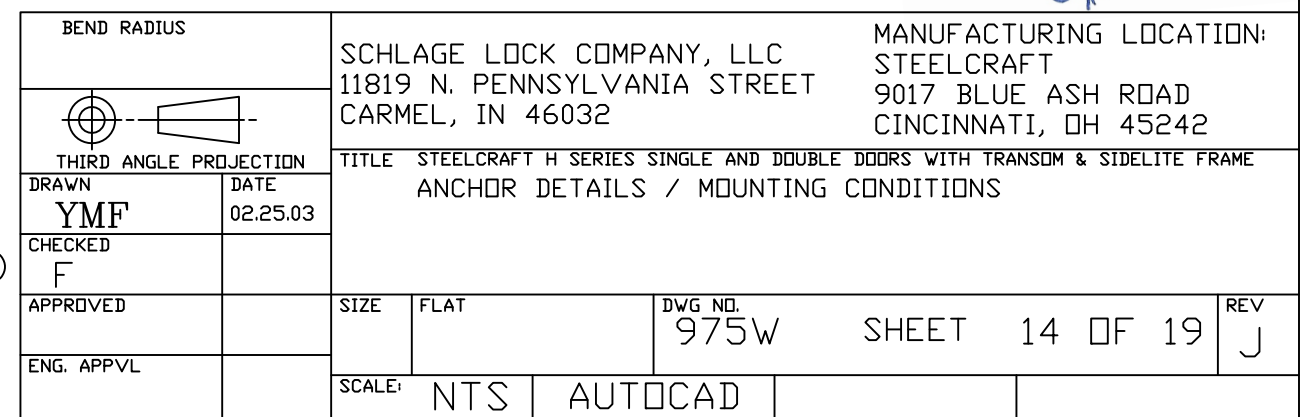
By *Ishtag I. Chandra*
Miami-Dade Product Control

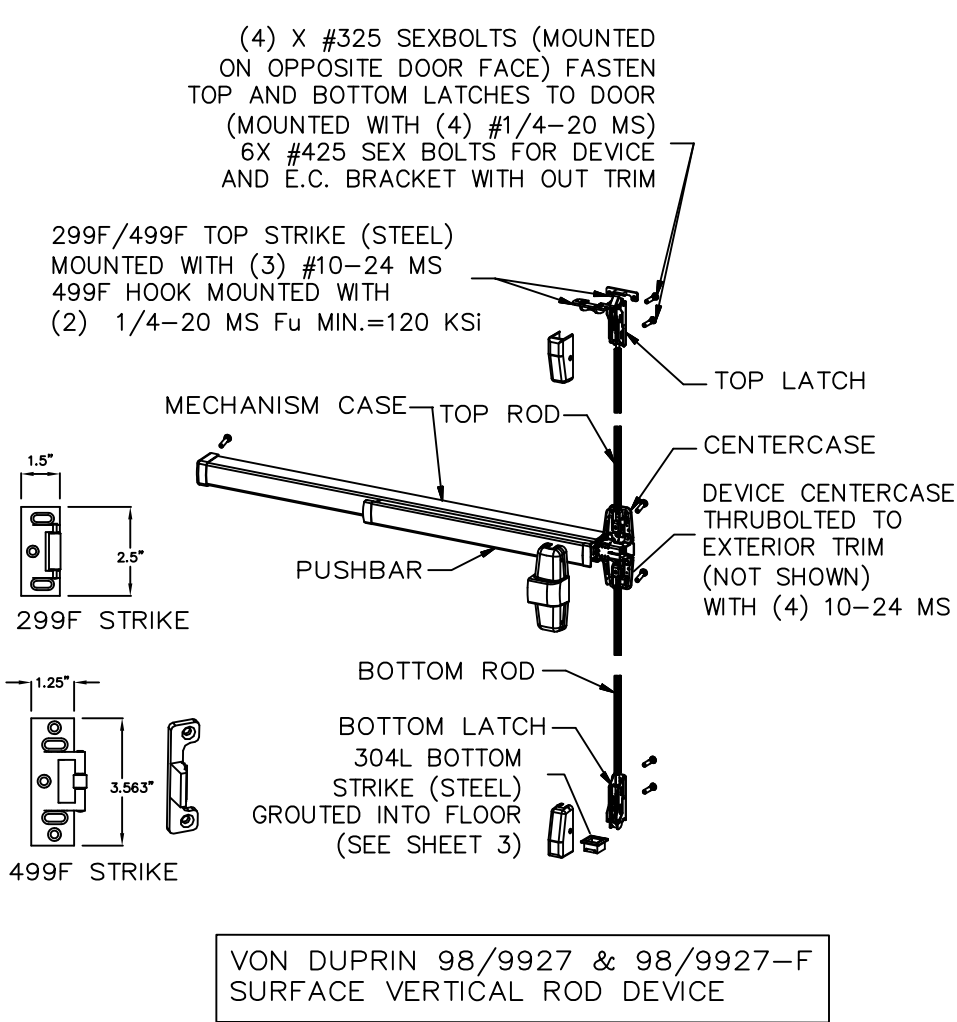
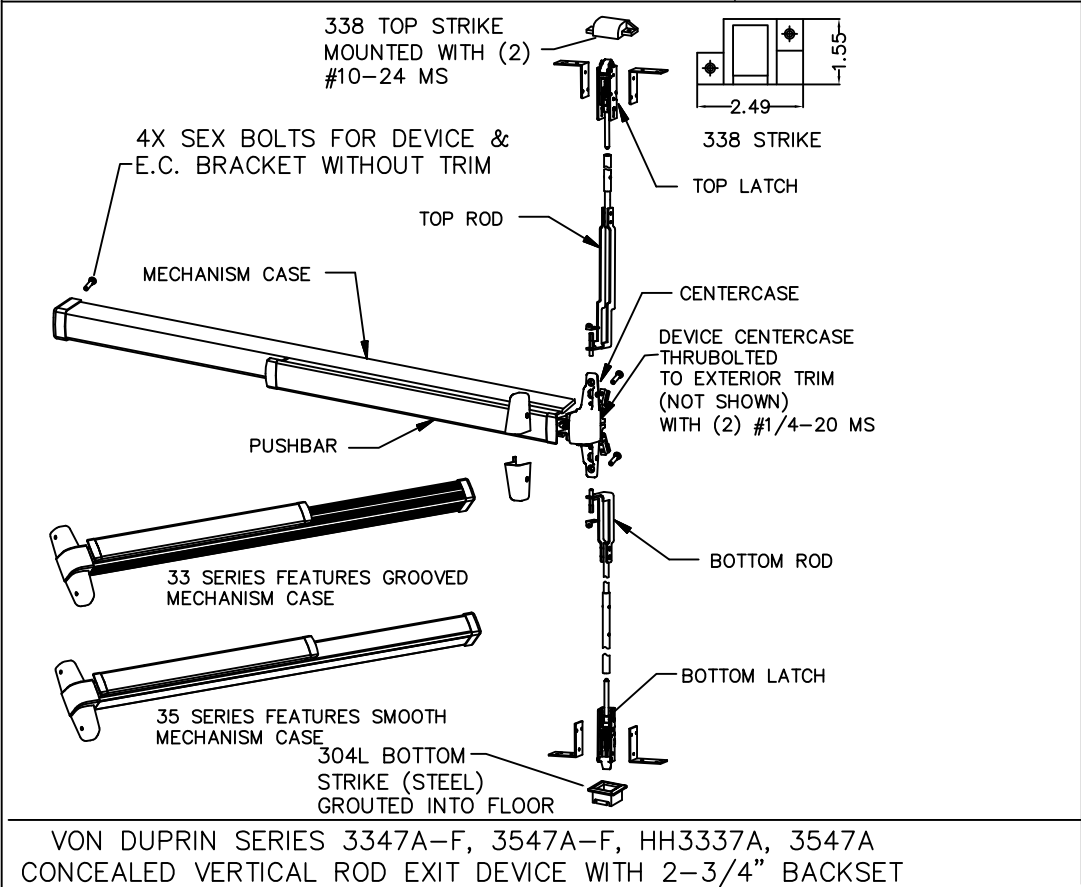
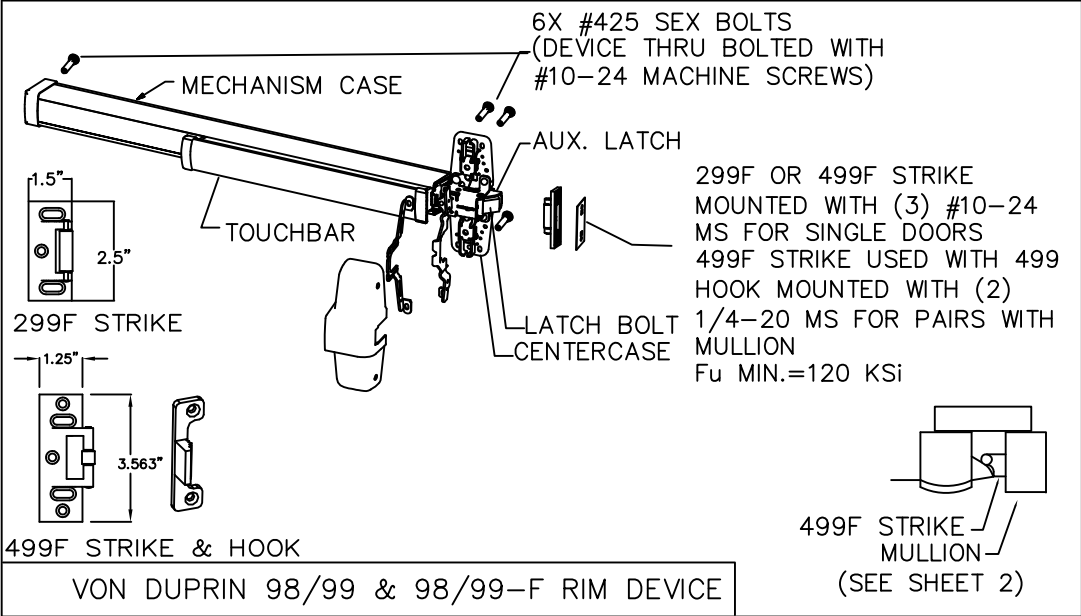
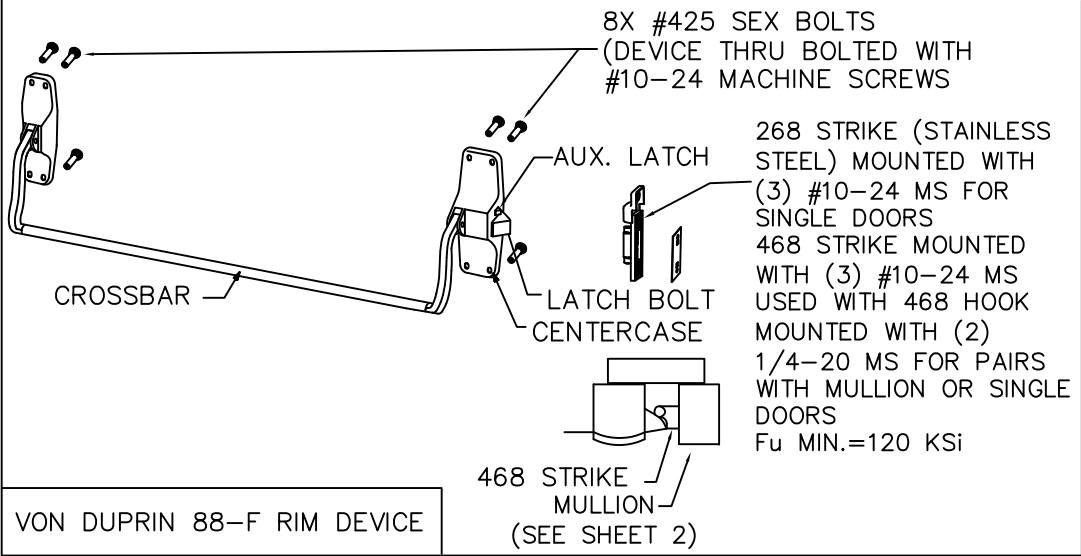


- NOTES:
- WOOD STUD WALLS MUST BE DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING CODE AND MUST CARRY 320#/FT LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.
 - NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM ON CENTER DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 - SEAL ALL JOINTS WHERE FRAME MEETS SUBSTRATE WITH BUTYL RUBBER OR 100% SILICONE CAULK
 - INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS				SCHLAGE LOCK COMPANY, LLC		MANUFACTURING LOCATION:	
THIRD ANGLE PROJECTION				11819 N. PENNSYLVANIA STREET		STEELCRAFT	
DRAWN YMF		DATE 02.25.03		CARMEL, IN 46032		9017 BLUE ASH ROAD	
CHECKED						CINCINNATI, OH 45242	
APPROVED				TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME ANCHOR DETAILS / MOUNTING CONDITIONS			
ENG. APPVL				SIZE	FLAT	DWG NO. 975W	REV J
		SCALE: NTS		AUTOCAD		SHEET 13 OF 19	

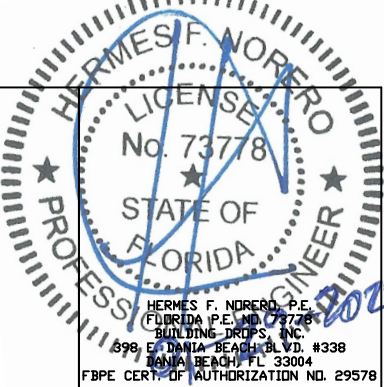
LTR	DESCRIPTION	DATE	APPROVED
B	APPROVAL DWG YMF	01/06/05	
E	REVISED DWG JPD	03/11/15	
F	REVISED DWG JPD	05/05/15	
G	EOR CHANGE SIM	10/15/17	
H	REVISED DWG JPD	07/27/18	
I	ADDRESS UPDATE SM	02/27/20	
J	2020 FBC UPDATE NUS	07/03/20	





- NOTES:
1. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.
 2. NO PANIC EXIT HARDWARE HAS BEEN TESTED WITH THE LATCH "DOGGED " IN THE RETRACTED POSITION.
 3. APPLICABLE EGRESS REQUIREMENTS OF PANIC EXIT DEVICES TO BE REVIEWED BY THE BUILDING OFFICIAL.

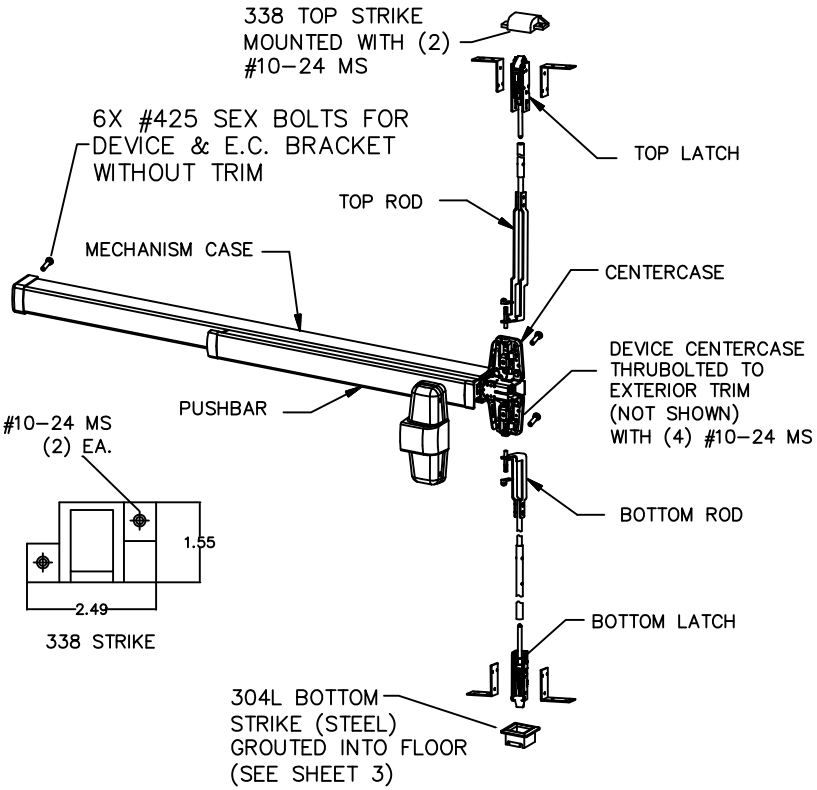
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By *Ismael I. Chan*
Miami-Dade Product Control



- NOTES:
1. ELECTRICAL FUNCTIONS/INSTALLATON AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL HAVING JURISDICTION.
 2. EXIT HARDWARE OPTIONS:
FOR 98/99 SERIES - FUNCTIONS E, RX, LX, SS, EL, QEL, CX, F; TRIM: ALL APPLICABLE TRIMS AVAILABLE.
FOR 88-F SERIES - FUNCTION E; TRIM: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.
FOR 33/35-F SERIES - FUNCTIONS RX, LX, EL, SS; TRIM: ALL APPLICABLE TRIMS AVAILABLE.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
D	APPROVAL DWG	JPD	08/30/13
E	REVISED	JPD	03/11/15
G	EOR CHANGE	SIM	10/15/17
H	REVISED DWG	JPD	07/27/18
I	ADDRESS UPDATE	SM	02/27/20
J	2020 FBC UPDATE	NUS	07/03/20



VON DUPRIN 98/9947-F & HH98/9947
DEVICES WITH 2-3/4" BACKSET
CONCEALED VERTICAL ROD DEVICE

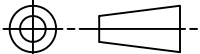
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
						
THIRD ANGLE PROJECTION		TITLE				STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH SIDELITE AND TRANSOM FRAMES EXIT DEVICE OPTIONS
DRAWN JPD	DATE 12/06/12					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 15 OF 19	REV J
ENG. APPVL		SCALE: NTS		AUTOCAD		

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
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 AND 65 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED

MAXIMUM DESIGN PRESSURE RATING 60 PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0"

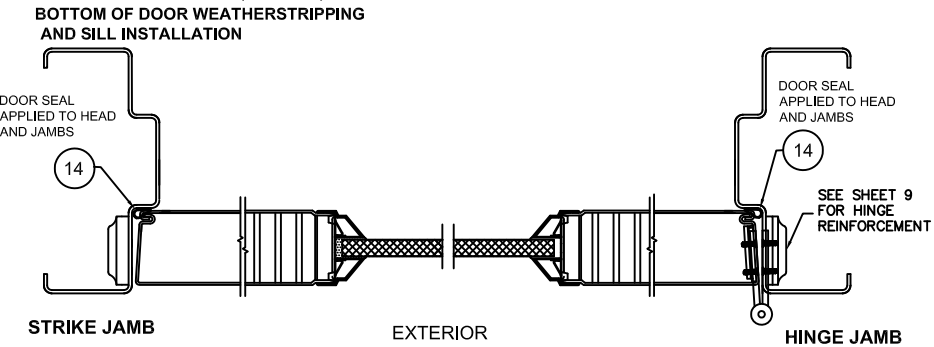
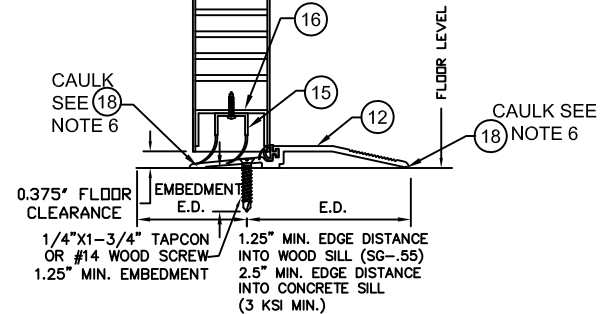
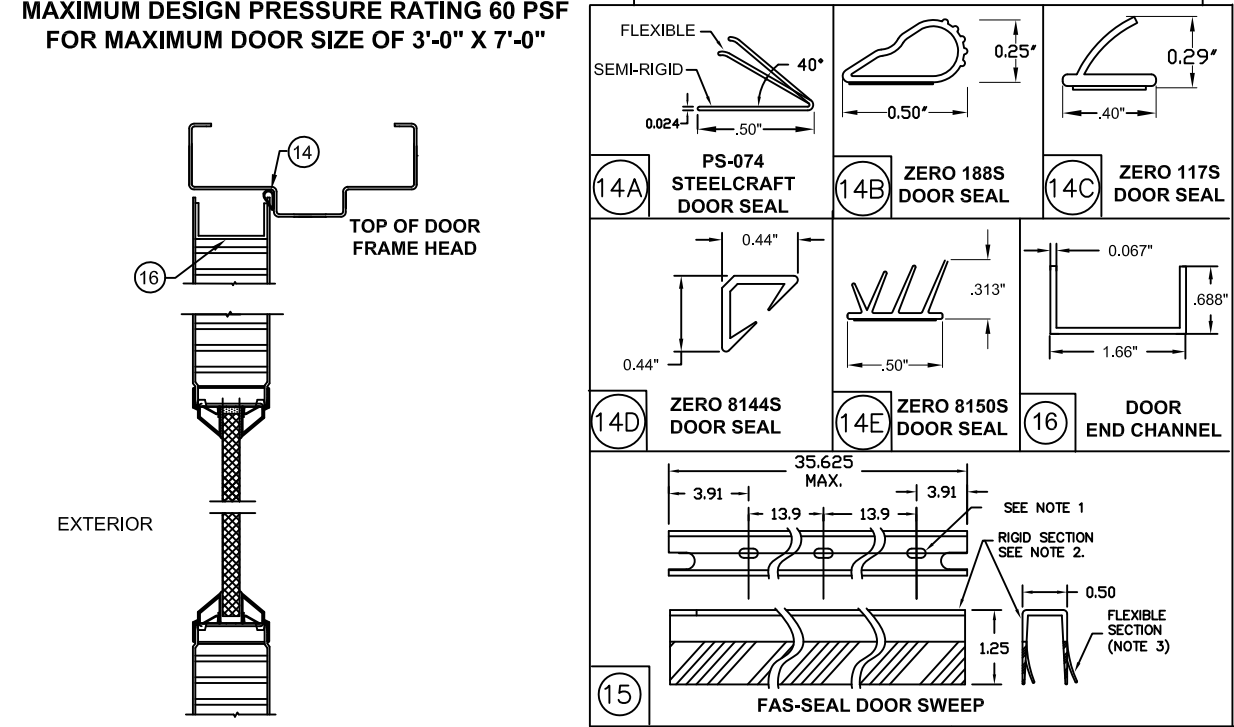
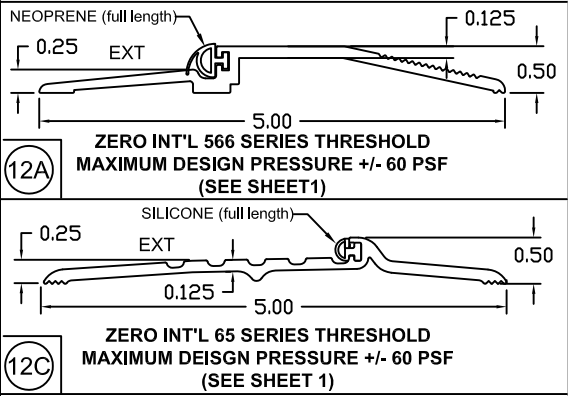
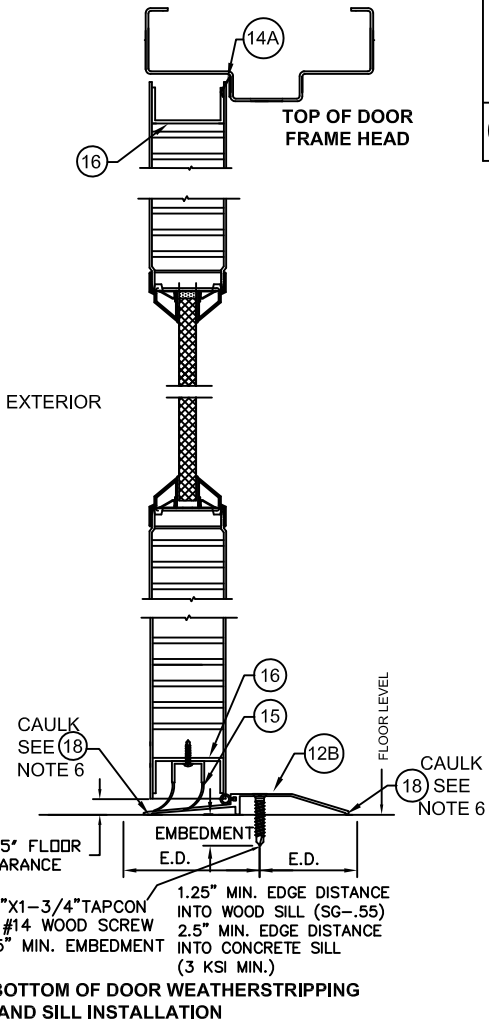
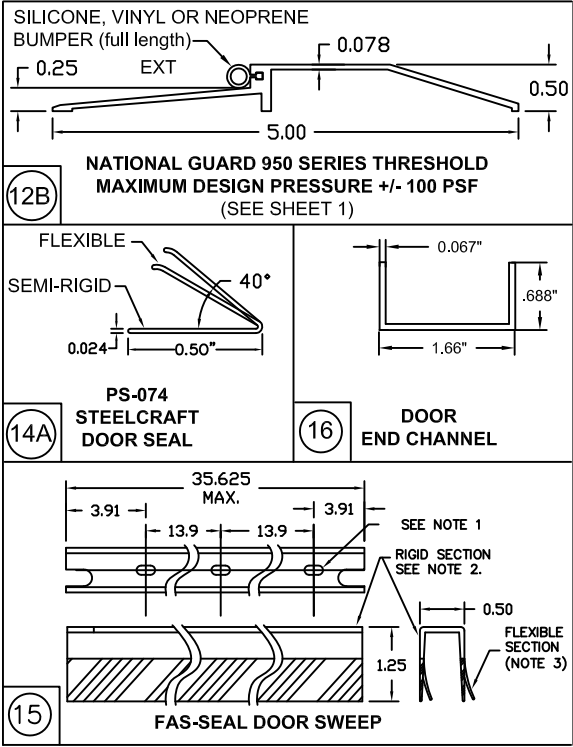


TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

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 RATING 60 PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0"



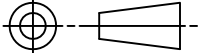
SINGLE DOORS: NON WATER RATED THRESHOLD OPTIONS

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1005.11

Expiration Date 05/05/2022

By Ishag I. Chank Miami-Dade Product Control

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

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
							
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME					
DRAWN YMF	DATE 05/20/07	SINGLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	975W	REV J	
ENG. APPVL JPD	10/11/07	SCALE:	NTS	AUTOCAD		SHEET 16 of 19	

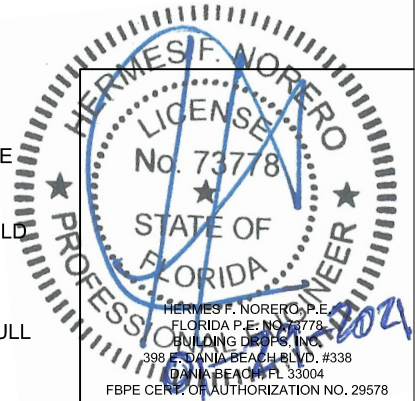
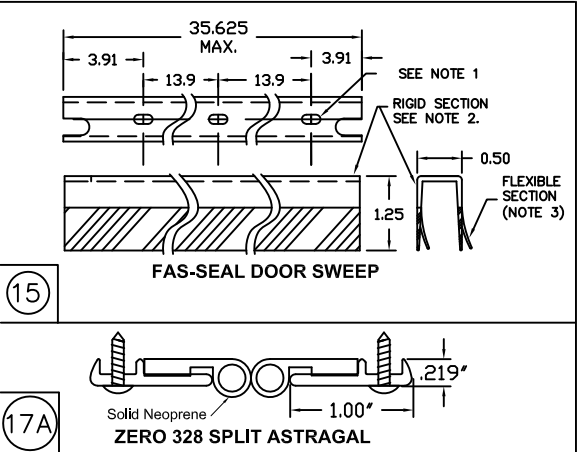
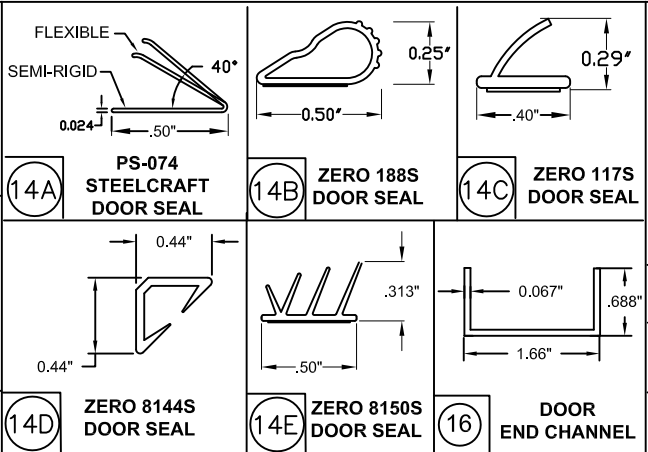
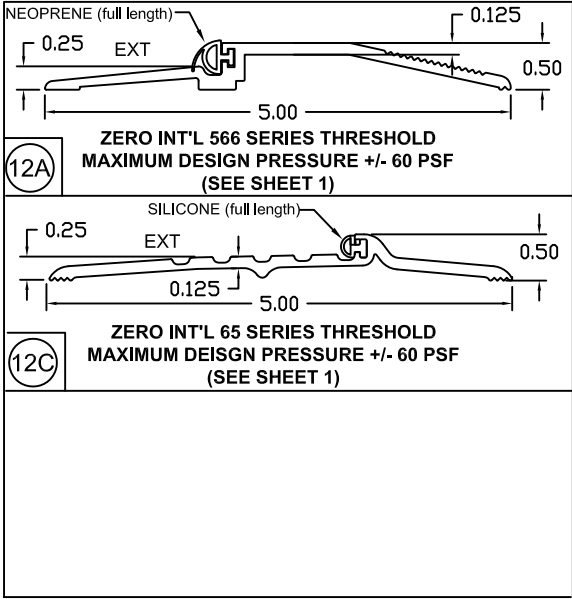


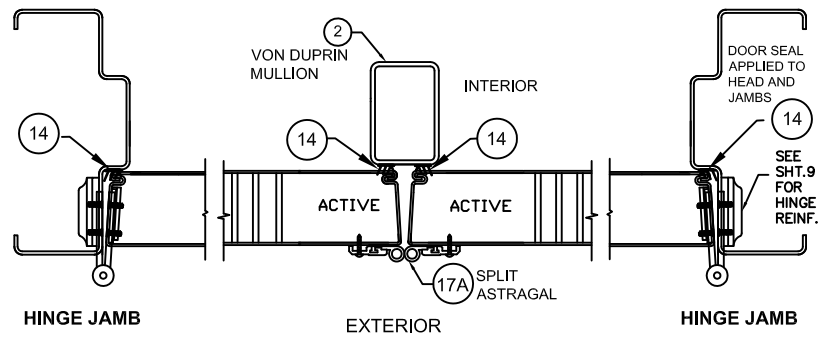
TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

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

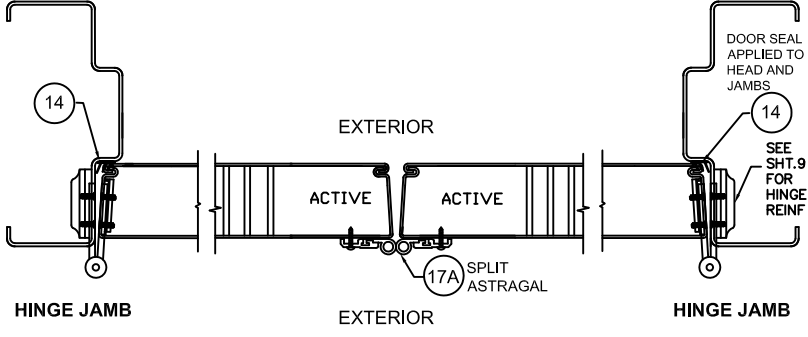
ZERO INT'L 566 AND 65 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED
MAXIMUM DESIGN PRESSURE RATING 60PSF -
MAXIMUM DOOR SIZE 3'-0" X 7'-0"
(6'-0" X 7'-0" PAIR)



R E V I S I O N S				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	03/11/15	
B	E.D.R CHANGE	LMS	08/21/16	
H	REVISED DWG	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	



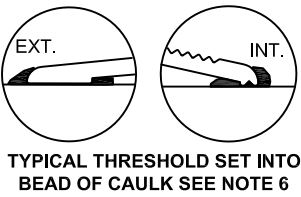
FOR CONFIGURATIONS: RIM EXIT DEVICE WITH HARDWARE MULLION



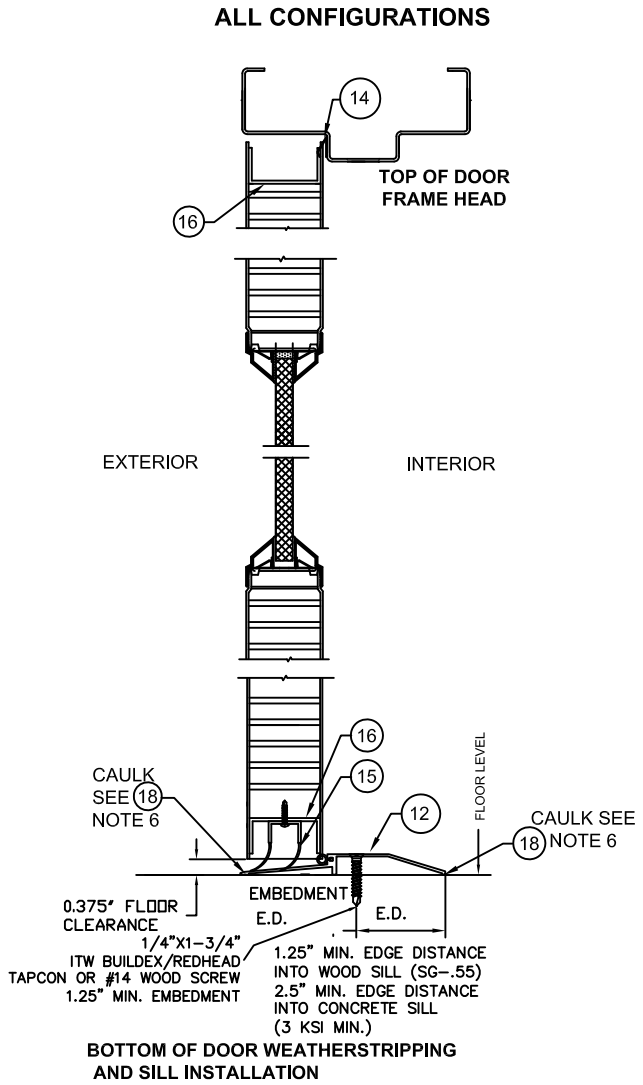
FOR CONFIGURATIONS: SURFACE OR CONCEALED VERTICAL ROD EXIT DEVICES

DOUBLE DOORS: NON WATER RATED ZERO INT'L THRESHOLD OPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishag I. Chande
Miami-Dade Product Control



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



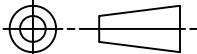
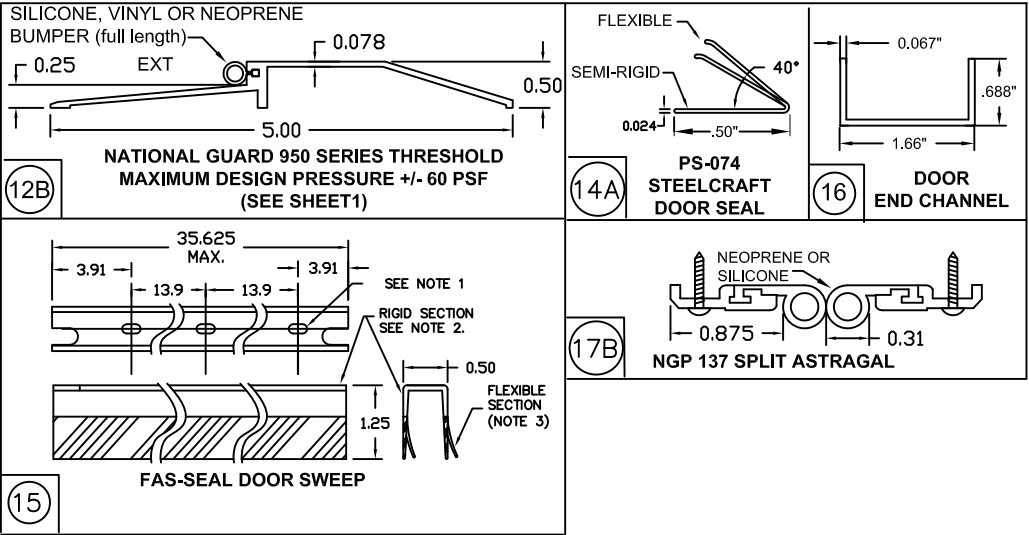
BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032</div>		<div>MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242</div>	
<div></div>					
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME			
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER SEAL ZERO INT'L HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 975W	REV J
ENG. APPVL JPD	10/11/07	SCALE:	NTS	AUTOCAD	SHEET 17 of 19

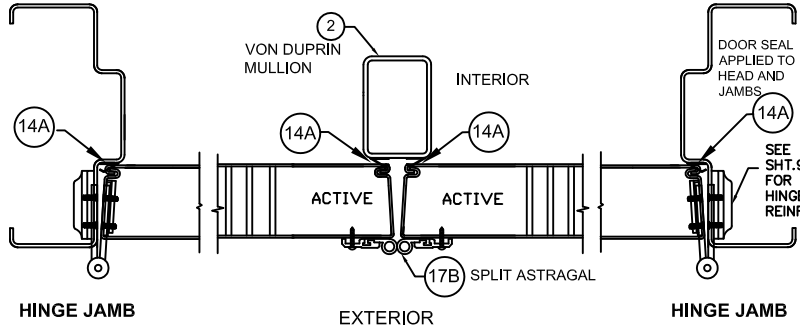
TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD

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

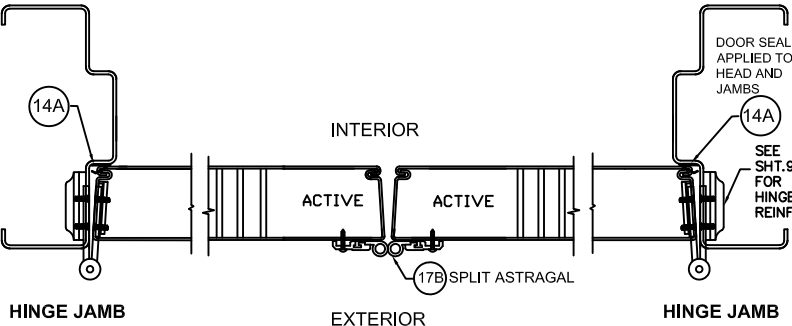
NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED -
MAXIMUM DESIGN PRESSURE 60 PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0" (6'-0" X 7'-0" PAIR)



REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	03/11/15	
B	EDR CHANGE	SIM	08/21/16	
H	REVISED DWG	JPD	07/27/18	
I	ADDRESS UPDATE	SM	02/27/20	
J	2020 FBC UPDATE	NUS	07/03/20	



FOR CONFIGURATIONS: RIM EXIT DEVICE WITH HARDWARE MULLION

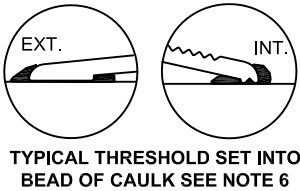


FOR CONFIGURATIONS: SURFACE OR CONCEALED VERTICAL ROD EXIT DEVICES

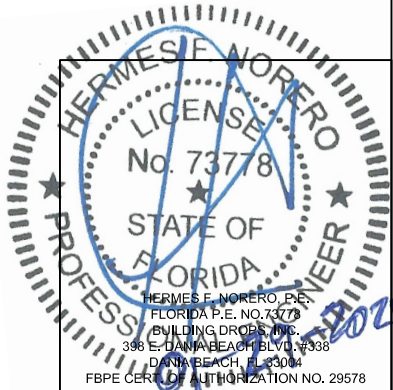
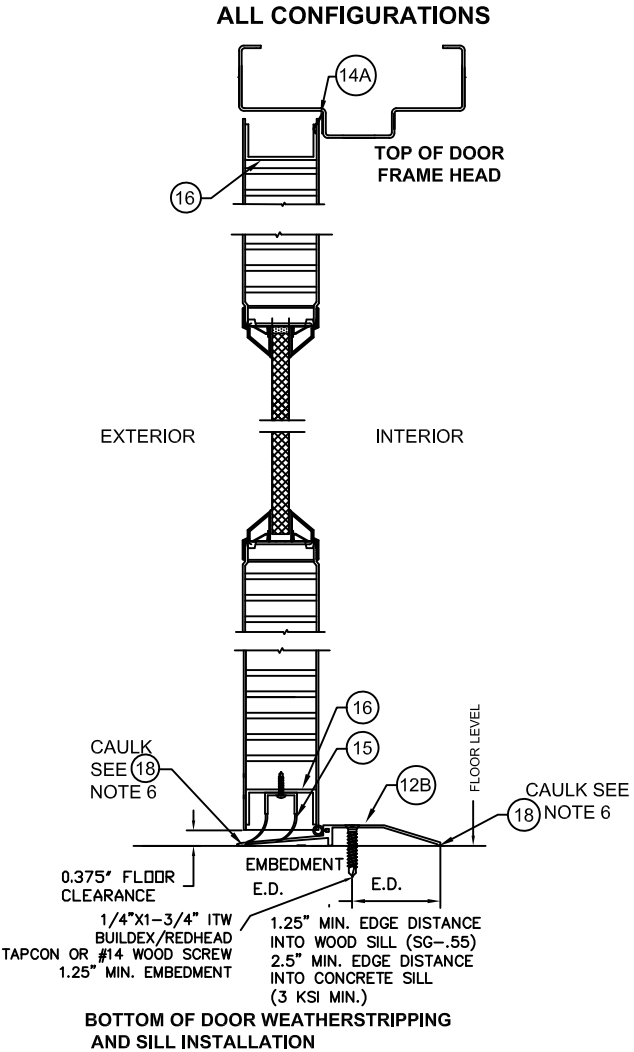
DOUBLE DOORS: NON WATER RATED NGP THRESHOLD OPTION

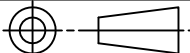
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By *Ismael I. Chanda*
Miami-Dade Product Control

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

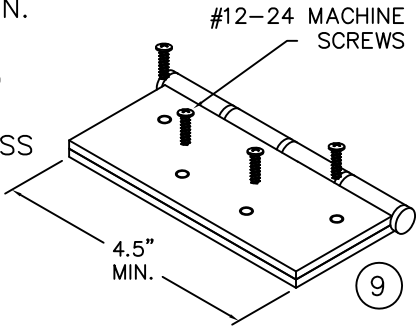


TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6

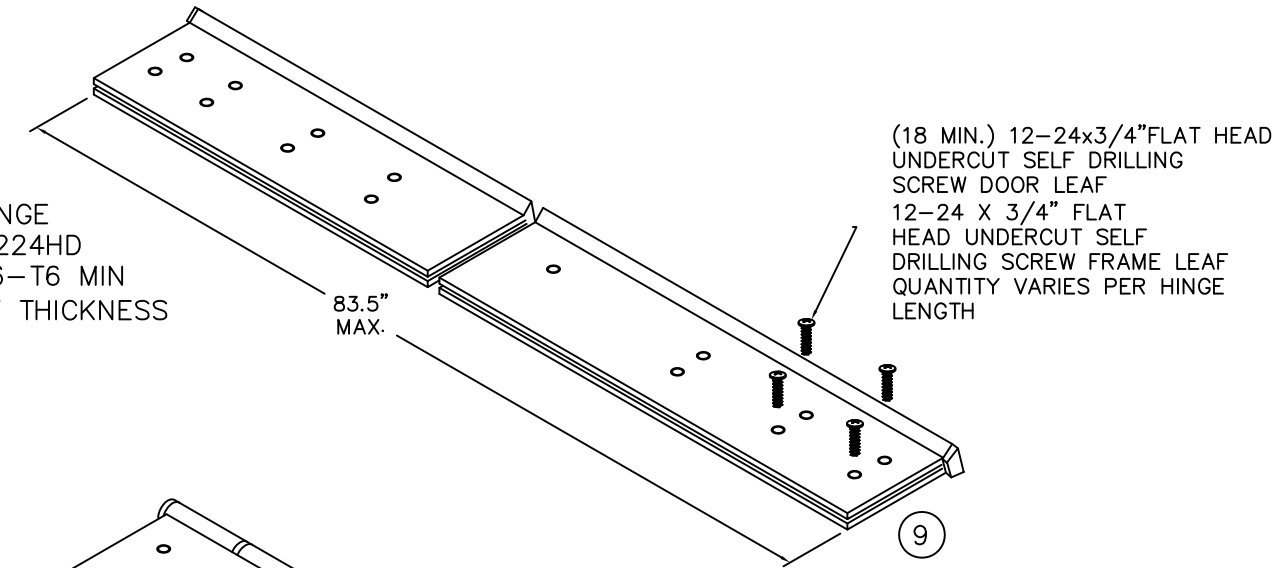


BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION							
DRAWN YMF	DATE 05/20/07	TITLE: STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME					
CHECKED		DOUBLE GLAZED DOOR PERIMETER NGP SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS <u>NOT</u> REQUIRED					
APPROVED		SIZE	FLAT	DWG NO. 975W			REV J
ENG. APPVL JPD	10/11/07	SCALE:	NTS	AUTOCAD		SHEET	18 of 19

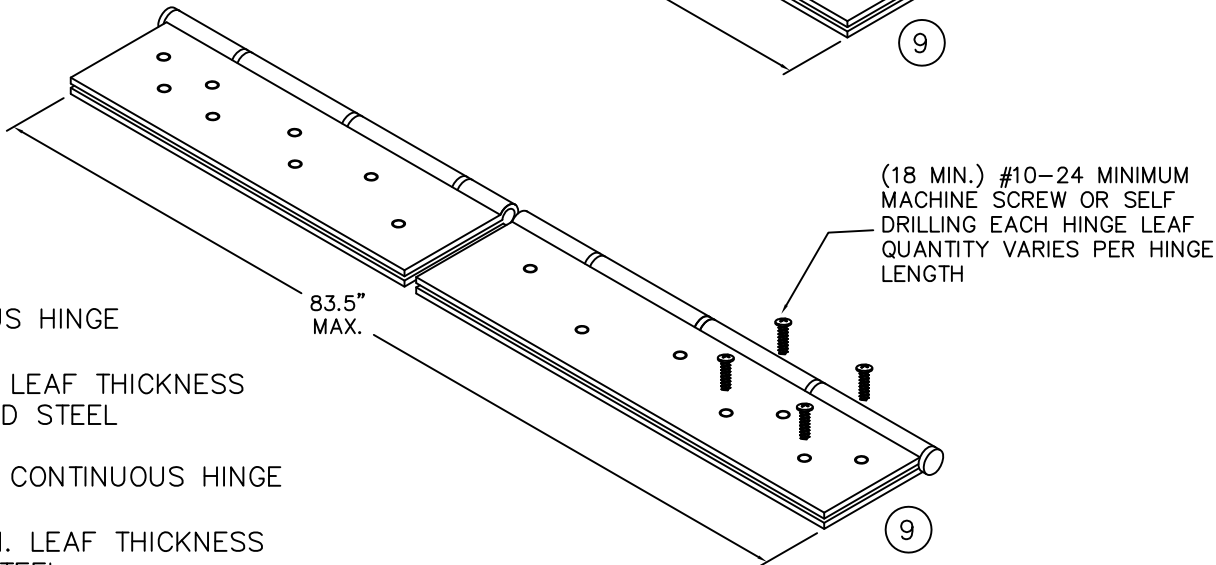
STEEL BUTT HINGE
4.5" X 4.5" STD. WT. MIN.
IVES 5BB1/3CB1
STANLEY FBB179/CB1900
HAGER 1279
.134" MIN. LEAF THICKNESS
Fy MIN. = 36ksi



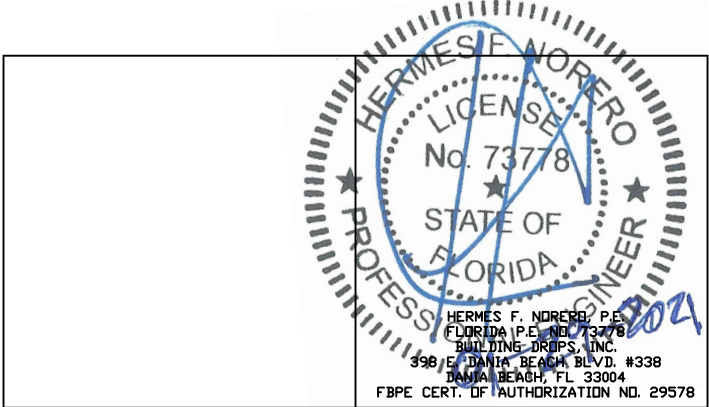
HEAVY DUTY
CONTINUOUS HINGE
IVES 112HD & 224HD
ALUMINUM 6036-T6 MIN
.110" MIN. LEAF THICKNESS



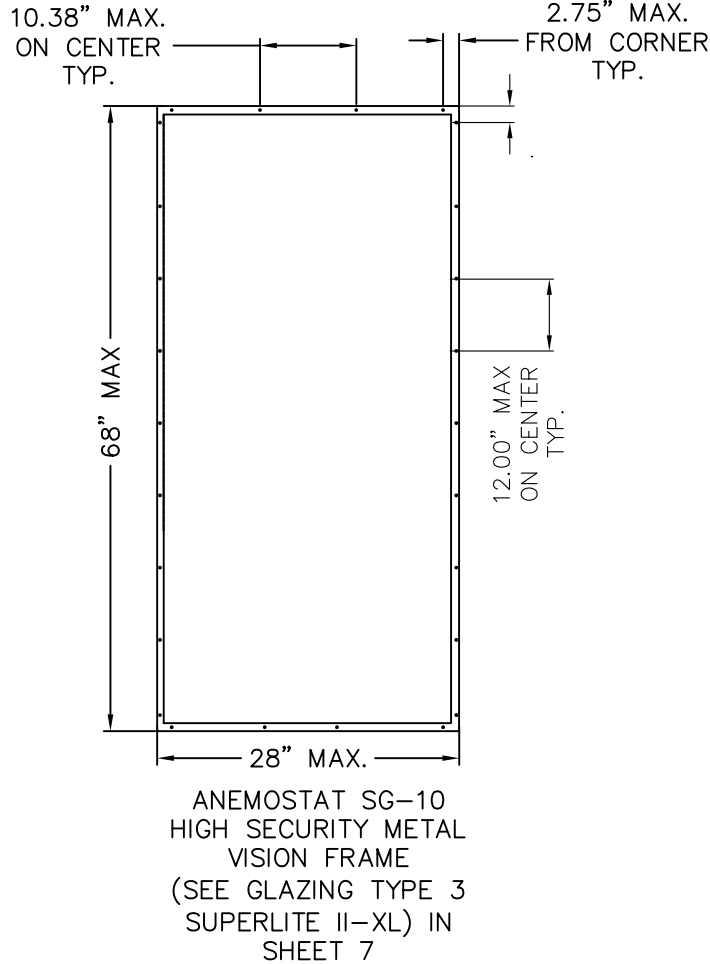
STEEL CONTINUOUS HINGE
IVES 600
.075 MIN. (14GA) LEAF THICKNESS
1012 COLD ROLLED STEEL
Fy MIN. 45ksi
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
.075" (14Ga.) MIN. LEAF THICKNESS
304 STAINLESS STEEL
Fy MIN. 31ksi



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

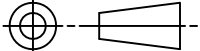


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1005.11
Expiration Date 05/05/2022
By Ishaq I. Chande
Miami-Dade Product Control



NOTES:

1. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS AS SPECIFIED
IN THE DRAWING.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032		MANUFACTURING LOCATION: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
						
THIRD ANGLE PROJECTION		TITLE				
DRAWN YMF	DATE 03/11/15	STEELCRAFT H SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAME HINGE OPTIONS				
CHECKED		H-SERIES FG SINGLE AND 6070 DOUBLE OPENING FULL GLAZED CONFIGURATION W/SIDE AND TRANSOM LITES/PANEL				
APPROVED		SIZE	FLAT	DWG NO. 975W	SHEET 19 OF 19	REV J
ENG. APPVL		SCALE:	NTS	AUTOCAD		