



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Schlage Lock Company
6810 Hillside 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 H Series Single Flush Outswing Commercial Steel Door (Mortise Lock w/dead bolt)

APPROVAL DOCUMENT: Drawing No 776W-2 Rev H, titled "Steelcraft H series Single Door (outswing)", sheets 1 through 9 of 9, prepared by the manufacturer, dated 05-01-02 and last revised on 08/03/14, signed and sealed by Thomas Gordon, 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 Missile Impact Resistant

Limitations:

1. See Design pressure (w/ Std or SS lock strike options) in sheet 1 of the drawings. Use of 14 ga (.075"thk) Steel or Stainless Steel continuous hinges are limited to max DP= +/- 50 PSF for entire unit (see sheet 3). Doors are **Not** Rated for Water infiltration requirements or Fire ratings, to be reviewed by Building official.
2. Non-grouted 2" face header will require head anchors per sheets 5 & 6. Grouted 4" header with in 88" max O.A. frame height will not require header anchors.

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 #11-0921.11(Ingersoll-Rand) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



10/20/14

NOA No. 13-1217.12
Expiration Date: February 24, 2017
Approval Date: October 30, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (Submitted under file as below).
2. Drawing No **776W-2 Rev H**, titled "Steelcraft H series Single Door (outswing)", sheets 1 through 9 of 9, prepared by the manufacturer, dated 05-01-02 and last revised on 08/03/14, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #11-0921.11/ #10-1206.01 /#09-0929.04)

1. 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
 - 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 flush Inswing / Outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA-776W -2 & CTLA-776W -3** both dated June 07, 2002, both signed and sealed by Ramesh Patel, P.E.

Note: Test report No. **CTLA-776W -2** has been issued an addendum letter dated 12/03/09, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

2. Additional Reference test reports per CTLA 776W-1 and CTLA 1035W-2 for anchor options qualifications.

C. CALCULATIONS: (Submitted under file # 11-0921.11)

1. Anchor verification calculation dated 09-05-11 and last revised on 01/25/12, prepared, signed & sealed by Thomas Gordon, P.E.
2. Hinge Load Evaluation report dated 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 (item 1 thru 3 submitted under file # 11-0921.11)

1. Tensile test report # CTLA-776W (0194H), dated 02/25/02 prepared by CTL Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. 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".
3. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 13-1217.12

Expiration Date: February 24, 2017

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E. MATERIAL CERTIFICATIONS (Continue):

4. Test Report No. **16206-122543 (1015P200(3))**, dated November 29, 2004 for “ Surface Burning Characteristics of Building material” per ASTM E84 and self-Ignition per ASTM 1929D for “Polyisocyanurate” issued by Omega Point Lab, Inc. to Elliot Company, Indianapolis, IN.
5. Material Safety Data Sheet for “Pyrophoric core PSL P250-C60” manufactured by Pyrophobic System LTD, Canada.
6. Material Safety Data sheet for “Calcium Silicate Mineral Block” manufactured by Marshfield Door System Inc., Wisconsin.

F. STATEMENTS: Except items #1 thru 5, balanced other items submitted under file # 11-0921.11).

1. Letter of conformance to FBC 2010, dated 08/03/14, prepared, signed and sealed by Gordon Thomas, P.E.
2. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
3. 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
4. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
5. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
6. Letter of conformance to FBC 2007 & 2010 “No financial interest” dated 09/30/11, signed and sealed by Gordon Thomas, P.E.
7. Laboratory Statement of compliance, part of the above referenced test reports.
8. Addendum letter dated Jan 20, 2011, issued by Certified Testing Lab confirming testing of Alum continuous hinges w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.
9. Addendum letter dated DEC 19, 2011, issued by Certified Testing Lab verifying wire anchors, strength of grout, stud anchor, Strike plate and MA series Mortise Lock, supplemented w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.

G. OTHER (Except items #1 &2, other items submitted under file # 11-0921.11)

1. This NOA revises NOA #11-0921.11(Ingersoll-Rand), expiring on 02/24/17.
2. Test proposal # 14-1086 dated AUG 29, 2014 approved by RER.
3. Test proposal dated 12/03/09 for continuous hinges & SS strike plate, approved by BCCO.
4. Additional marked-up drawings provided as part of addendum letters by Certified Testing laboratory, Inc.
5. Photo of Stainless Steel Strike plate supplied by Ingersoll-Rand.
6. Schlage & Falcon Mortise Locks brochures / catalogs supplied by Ingersoll-Rand.
7. Technical brochures of butt Hinges & continuous Hinges supplied by Ingersoll-Rand.



Ishaq L. Chanda, P.E.
Product Control Examiner
NOA No. 13-1217.12
Expiration Date: February 24, 2017
Approval Date: October 30, 2014

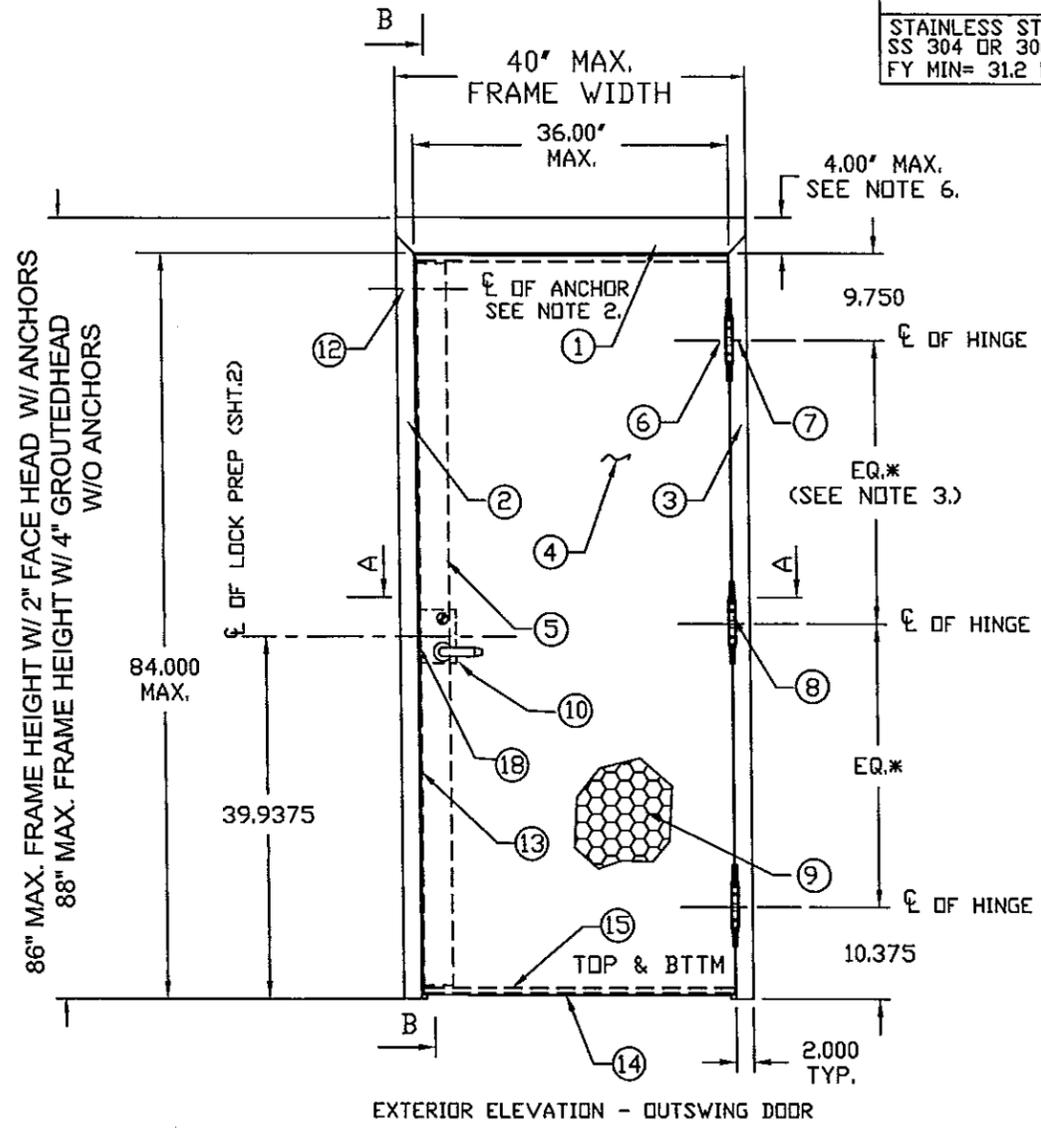
DESIGN PRESSURE RATING (OUTSWING DOOR)			IMPACT RATING
LOCK/STRIKE PLATE OPTION	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED*	
STANDARD	NOT APPROVED	+120 PSF / -120 PSF	LARGE AND SMALL MISSILE IMPACT
STAINLESS STEEL SS 304 OR 306 FY MIN= 31.2 KSI	NOT APPROVED	+170 PSF / -170 PSF	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/25/03	
C	REVISED PER DC BCCO	07/02/04	
D	REVISED PER DC BCCO	08/31/04	
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F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DCBCCO	01/17/12	
H	REVISED NAME	11/01/13	

*Water infiltration resistance is not required when Door assemblies installed in non-habitable areas where the door assembly and area are designed to accept water infiltration, or if protected by overhang with ratio Length/Height equal or greater than 1.

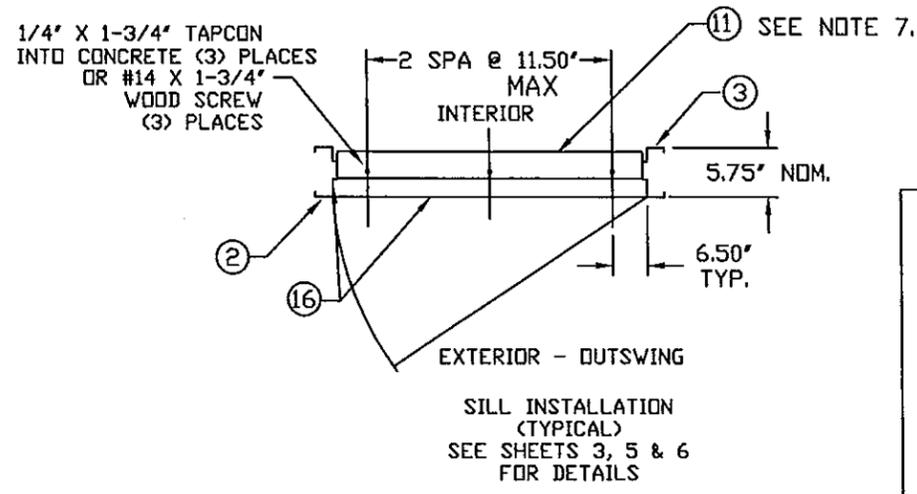
GENERAL NOTES:
 1. THIS DOOR SYSTEM HAS BEEN TESTED AND DESIGN TO MEET THE FLORIDA BUILDING CODE (FBC) REQUIREMENTS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
 2. THE DOORS ARE LARGE MISSILE IMPACTED
 3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

NOTES:
 1. ONE ROW OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHEET 8
 2. ANCHORING REQUIREMENTS:
 SEE SHEETS 1, 5 AND 6 FOR APPROVED ANCHOR AND INSTALLATION REQUIREMENTS.
 3. HINGE REQUIREMENTS: MINIMUM (3) HINGES
 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
 4. SEE SHEET 7 FOR AVAILABLE STANDARD DOOR / FRAME CONFIGURATIONS.
 5. HARDWARE INSTALLATIONS PER MANUFACTURER'S INSTRUCTIONS.
 6. 4" FACE HEAD IS AVAILABLE WHEN FRAME IS GROUTED WITH CONCRETE, TO MAX FRAME HEIGHT SHOWN.
 7. APPLY CAULK AS NEEDED.
 8. PRODUCT IS NOT APPROVED WHERE WATER INFILTRATION REQUIREMENT IS NEEDED



EXTERIOR ELEVATION - OUTSWING DOOR

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 3 & 8, ASTM A366	.053" MIN. STL	MAX. 40"
2	1	STRIKE JAMB, SEE SHT 8, ASTM A366	.053" MIN. STL	MAX. 86"-88"
3	1	HINGE JAMB SEE SHT 8, ASTM A366	.053" MIN. STL	MAX. 86"-88"
4	1	DOOR SLAB	SEE SHT 7	3'0"(36") X 7'0"(84") MAX.
5	1	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5" X 81.44" MAX.
6	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.167" MIN. STL.	1.23" X 9.19"
7	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.167" MIN. STL.	1.28" X 9.19"
8	NOTE 3.	4.5' X 4.5' BUTT HINGES (SEE SHT.3)	.134 MIN.	(4) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.3)	.075" MIN. STL / .11 ALUM.	MAX. 84"
9	1	CORE MATERIAL: D) HONEYCOMB C) STEEL STIFFENED A&F) POLYSTYRENE B&F) POLYURETHANE E) MINERAL BOARD TEMPERATURE RISE CORE	SEE SHEET 4	35.66' X 81.5' MAX.
10	1	LOCKING HARDWARE - LOCKSET 1) SCHLAGE L/LV9400 SERIES MORTISE LOCK W/DEADBOLT 2) FALCON MA-SERIES MORTISE LOCK W/ DEADBOLT	SEE SHEET 2	
11	1	THRESHOLD SILL W/BUMPER GASKET, SHT.9 1) PEMKO 2005AS 3) ZERO 566A 2) NAT'L GUARD 950A	.125" ALUM. 6063 T5 .078" ALUM. 6063 T5	5.5' X 0.5' X 36' MAX
12	NOTE 2.	JAMB ANCHOR (LOCK-IN OR WELD-IN) MIN 18 GA	SEE SHTS. 5&6	
13	3	PS074 WEATHER STRIPPING, SHEET 9	TPE	MAX. 21'
14	1	FAS-SEAL DOOR SWEEP, SHEET 9	TPE	MAX. 35.66"
15	2	END CHANNEL ASTM A924 (14 GAGE)	.070" MIN. STL	.69' X 1.66' X 35.66' MAX.
16	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		
17	1	TOP CAP GALV. A60 ASTM A924 (24 GAGE)	.020" MIN. STL	0.5' X 1.76' X 36' MAX
18	1	STRIKE REINFORCEMENT FRAME ASTM A366	.053" MIN. STL	1.31' X 8.38"



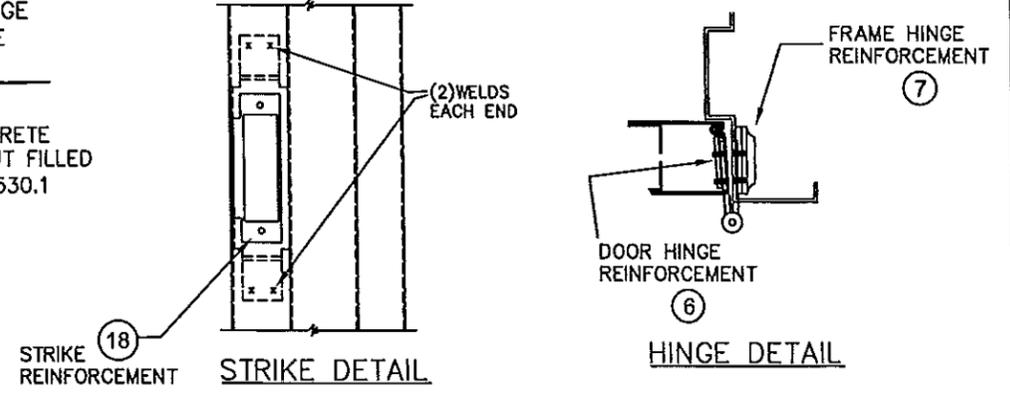
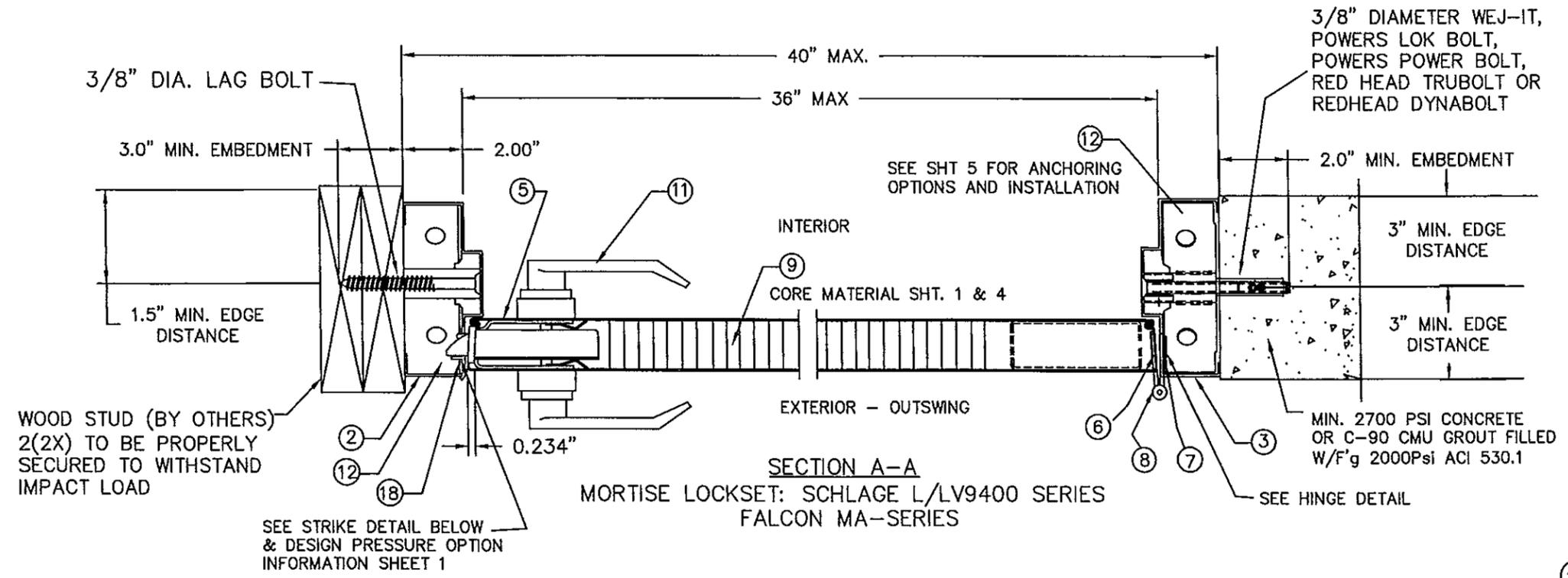
SILL INSTALLATION (TYPICAL) SEE SHEETS 3, 5 & 6 FOR DETAILS

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 13-1217-12
 Expiration Date FEB 24, 2017
 By *[Signature]*
 Gordon Thomas Date 3/31/14
 3759 Blossom Court
 Mason, OH 45040
 Florida #46718

BEND RADIUS	SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242
THIRD ANGLE PROJECTION	TITLE STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS		
DRAWN YMF	DATE 5/01/02	STEELCRAFT H SERIES SINGLE DOOR (OUTSWING) WITH MORTISE LOCK HIGH PRESSURE APPLICATIONS	
CHECKED	APPROVED	SIZE FLAT	DWG NO. 776W-2
ENG. APPVL		SCALE: NTS	AUTOCAD
			SHEET 1 OF 9

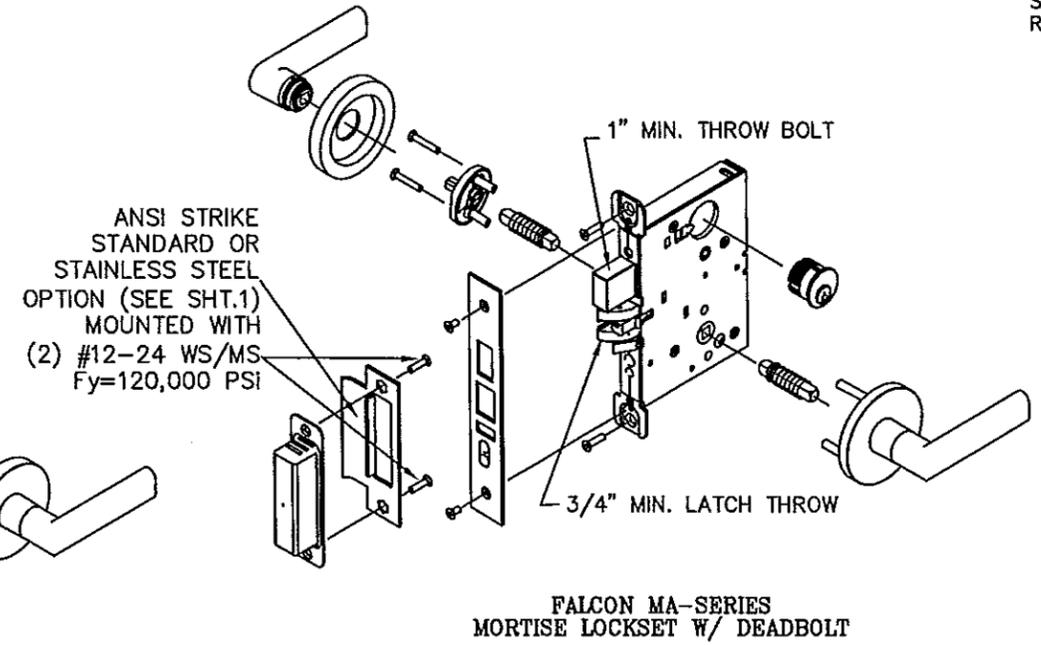
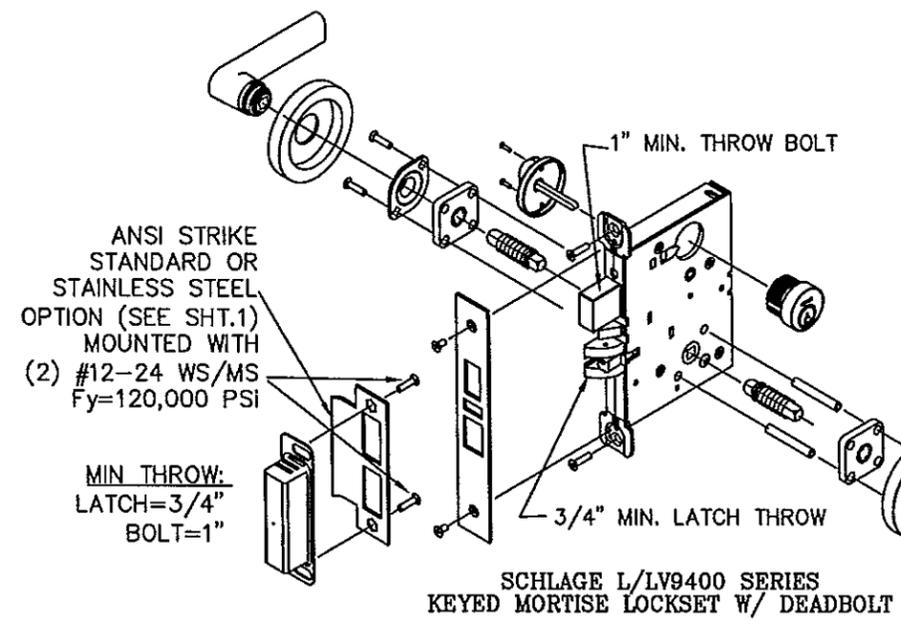
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/25/03	
C	REVISED PER DC BCCO	07/02/04	
D	REVISED PER DC BCCO	08/31/04	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	01/17/12	



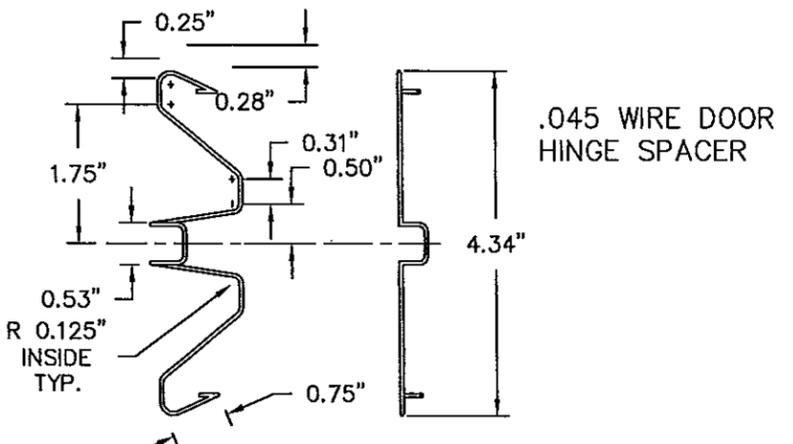
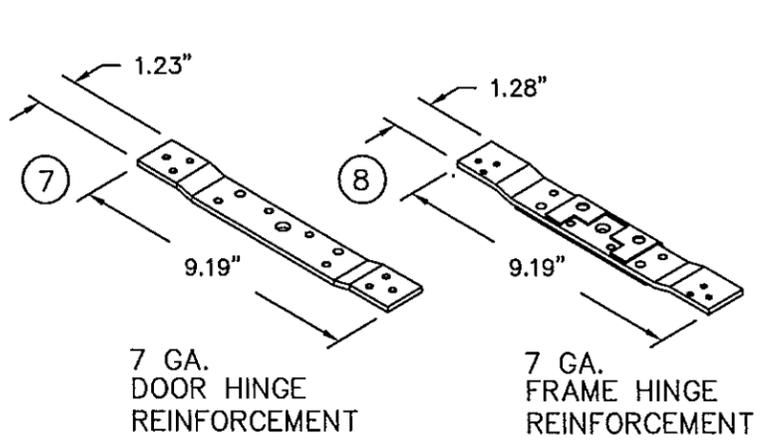
NOTES:

1. SEE SHT.1 & 7 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT. 5 & 6 FOR WALL CONSTRUCTION, ANCHORING SYSTEM OPTIONS AND INSTALLATION.
3. SEE SHT. 7 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS



PRODUCT REVIEW
 in compliance with the Florida Building Code
 Acceptance No. 13-1217-12
 Expiration Date 2/24/17
 By: *[Signature]*
 Miami Dade Product Control

[Signature] 8/31/14
 Gordon Thomas Date
 3759 Blossom Court
 Mason, OH 45040
 Florida # 46718



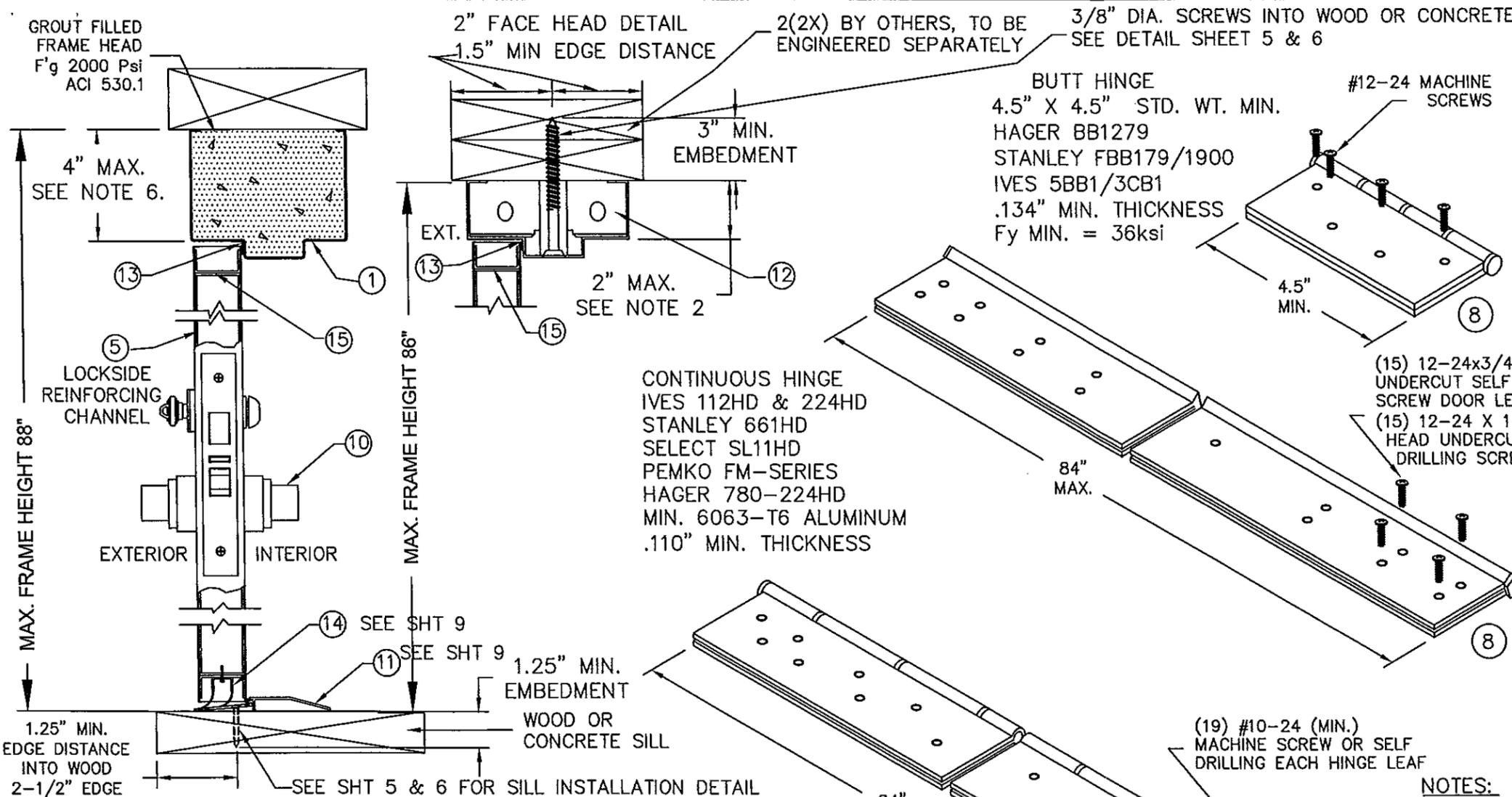
BEND RADIUS		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250	
DRAWN YMF	DATE 5/01/02	TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS	
CHECKED		CROSS SECTION OF DOOR AND FRAME COMMERCIAL LOCK HARDWARE STEELCRAFT H-SERIES SINGLE DOORS HIGH PRESSURE APPLICATIONS	
APPROVED		SIZE FLAT	DWG NO. 776W-2
ENG. APPVL		SCALE: NTS	AUTOCAD
		SHEET 2 OF 9	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
E	REVISED PER DCBCCO	01/14/10	
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G	REVISED PER DCBCCO	01/17/12	
H	REVISED NAME	11/01/13	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-12
Expiration Date 2/24/17
By *[Signature]*
Missile Data Product Control

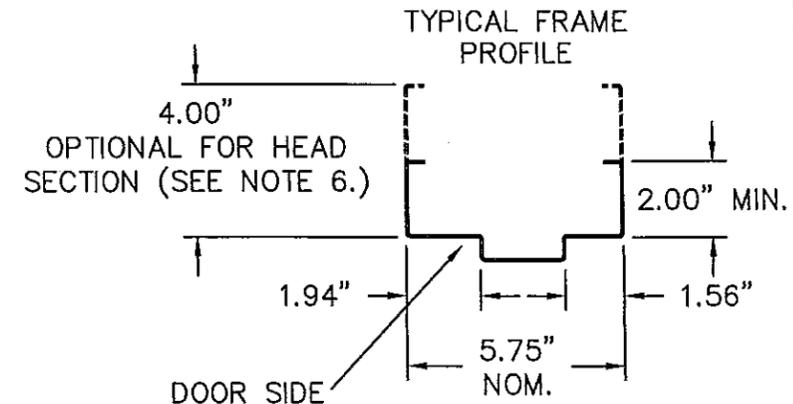
[Signature] 8/3/14
Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718



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

CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMCO FM-SERIES
HAGER 780-224HD
MIN. 6063-T6 ALUMINUM
.110" MIN. THICKNESS

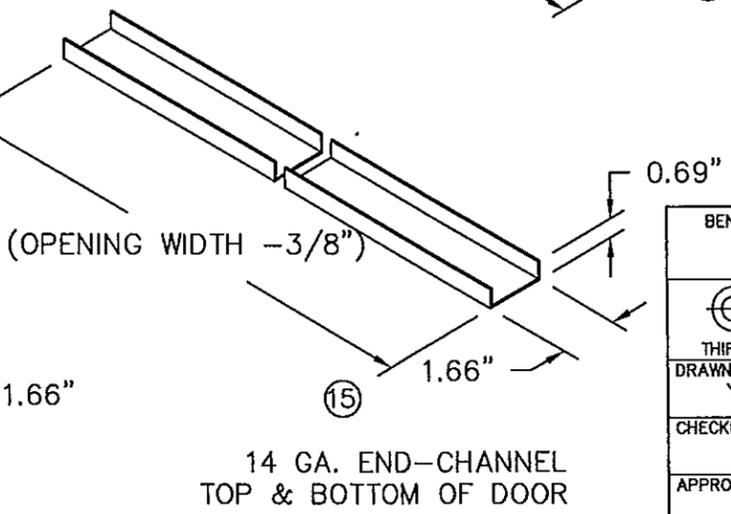
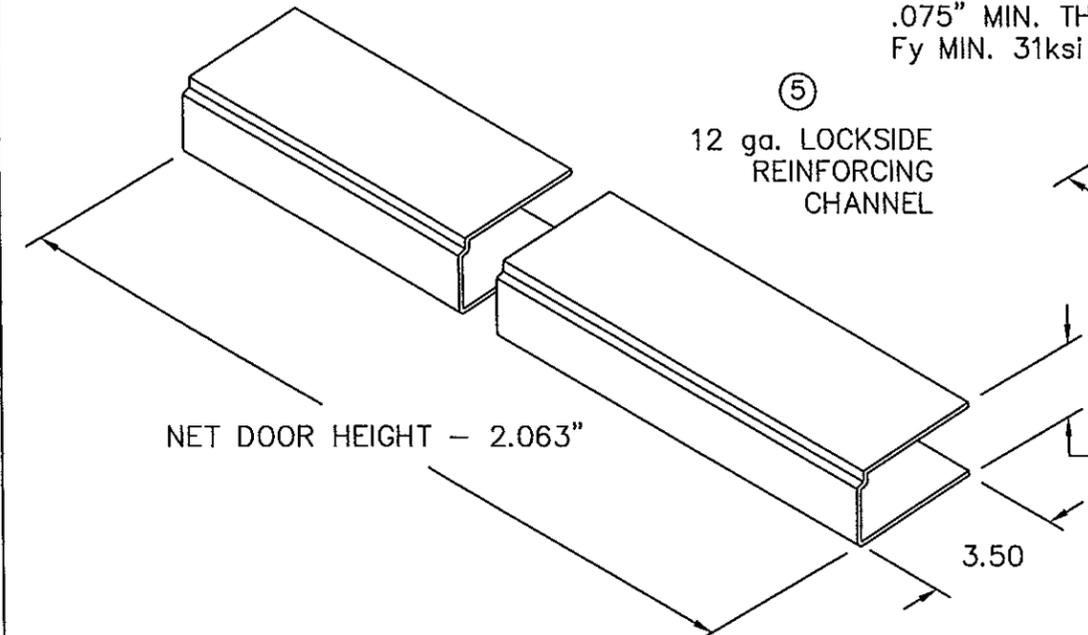
STAINLESS STEEL
CONTINUOUS HINGE
LIMITED TO +/- 50 PSF
HAGER 790-900
MARKAR FM-300 & HG305
.075" MIN. THICKNESS
Fy MIN. 31ksi



NOTES:

- SEE SHT.1 & 7 FOR ELEVATION, MATERIAL AND SIZE
- SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
- SEE SHT. 5 & 6 FOR WALL CONSTRUCTION ANCHORING SYSTEM OPTIONS AND INSTALLATION
- SEE SHT. 7 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
- APPROVED HARDWARE SHOWN, INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
- HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE AND WITHIN MAX UNIT HEIGHT
- STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 283#/FT BASIS

SECTION B-B
MORTISE LOCKSET
SCHLAGE L/LV9400 SERIES
FALCON MA-SERIES

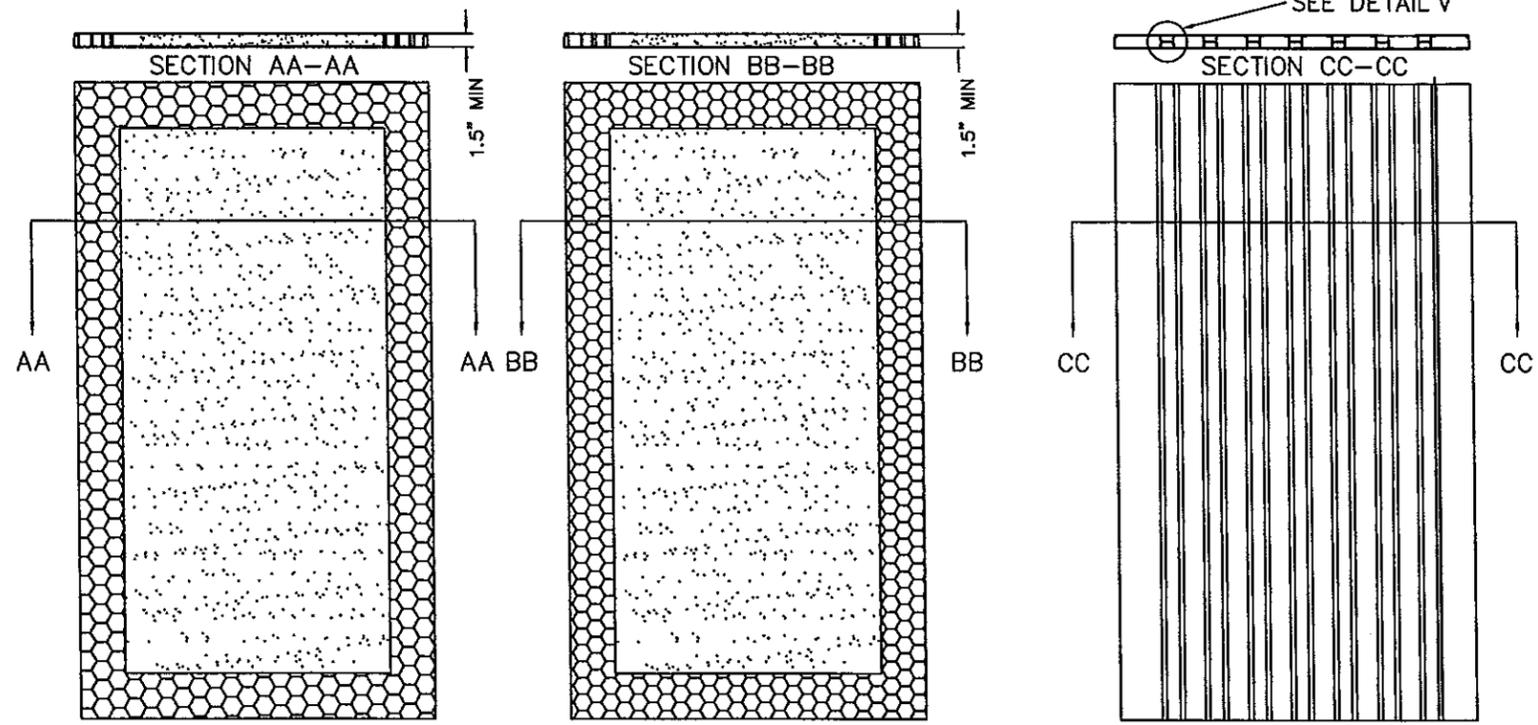


BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 5/10/02
CHECKED	
APPROVED	
ENG. APPVL	

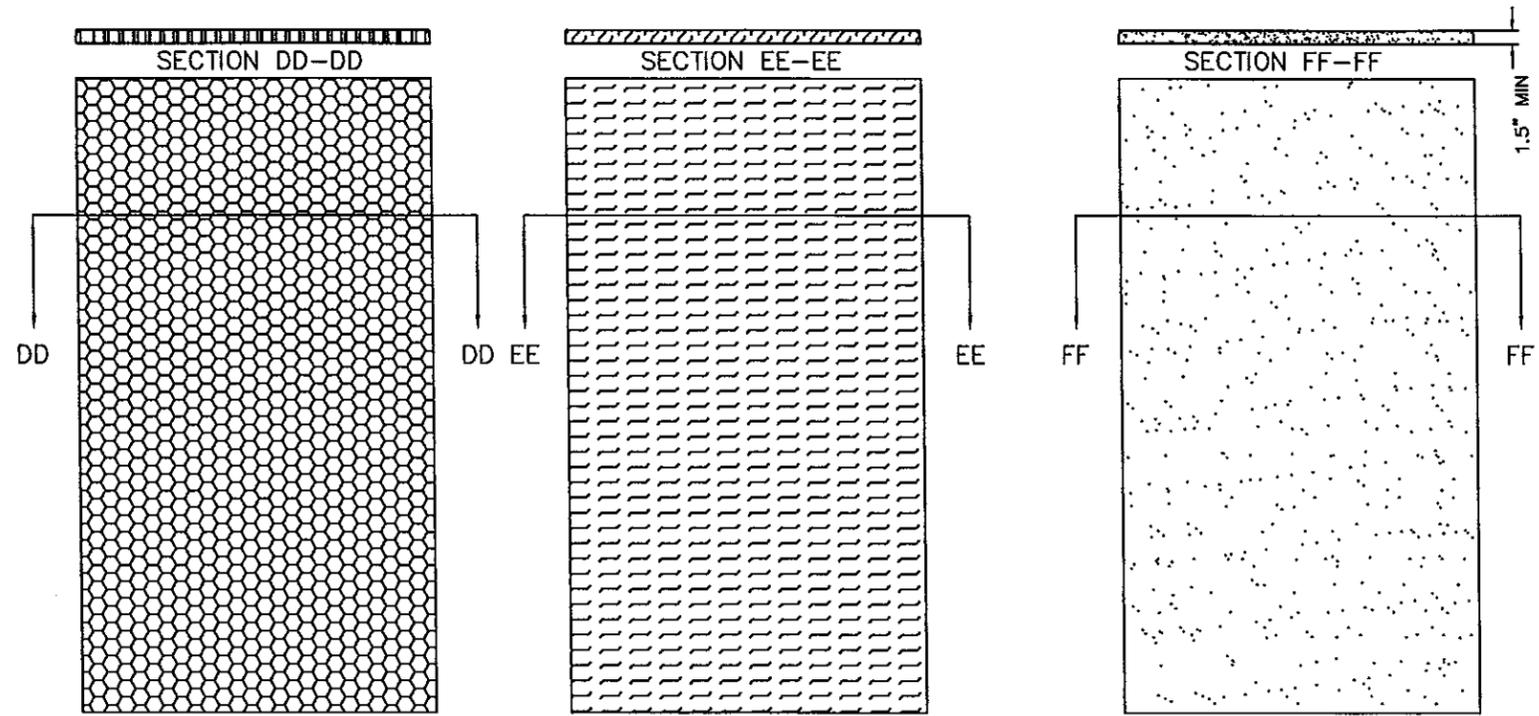
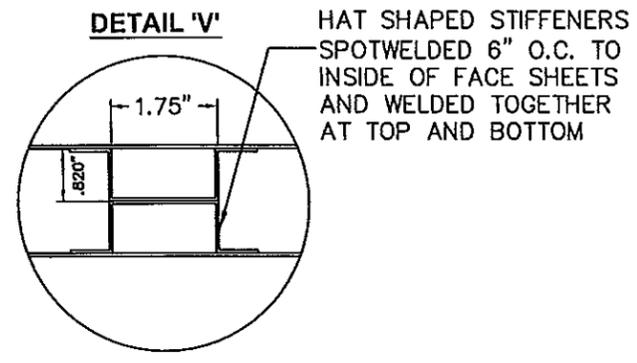
SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
CROSS SECTION OF DOOR AND FRAME COMMERCIAL LOCK HARDWARE STEELCRAFT H-SERIES SINGLE DOORS HIGH PRESSURE APPLICATIONS			
SIZE	FLAT	DWG NO. 776W-2	REV H
SCALE:	NTS	AUTOCAD	SHT 3 OF 9

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
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F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	11/01/13	



(A) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS DENSITY: 1.0 LBS/FT³
 (B) POLYISOCYANURATE (POLYURETHANE) BY ELFOAM. DENSITY: 2 LBS/FT³
 (C) STEEL STIFFENED HAT SHAPED SECTIONS 20 GA. MIN.



(D) HONEYCOMB KRAFT PAPER.
 (E) TEMPERATURE RISE CORE MINERAL FIBER BOARD DENSITY: 17±1.5 LBS/FT³ BY PYROPHOBIC SYSTEM LTD OR MARSHFIELD DOOR SYSTEMS (CALCIUM SILICATE MINERAL BLK)
 (F) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS, DENSITY: 1.0 LB/FT³ OR POLYISOCYANURATE (POLYURETHANE) BY ELFOAM. DENSITY: 2 LBS/FT³

NOTE: CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS

DOOR WIDTH	STIFFENERS
3'-0"	8

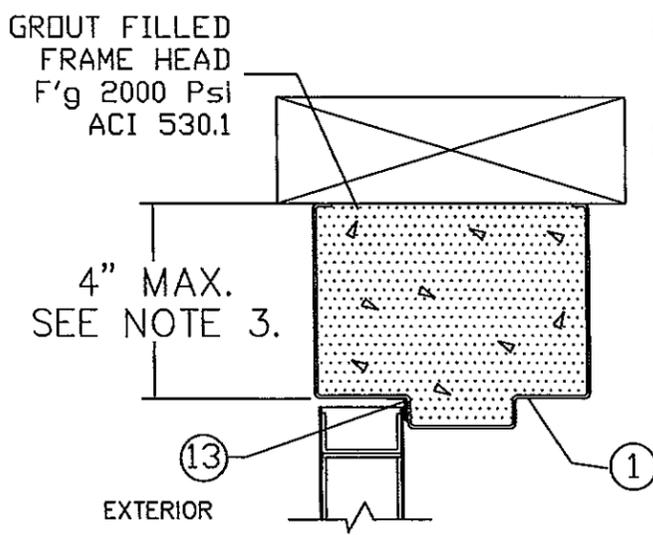
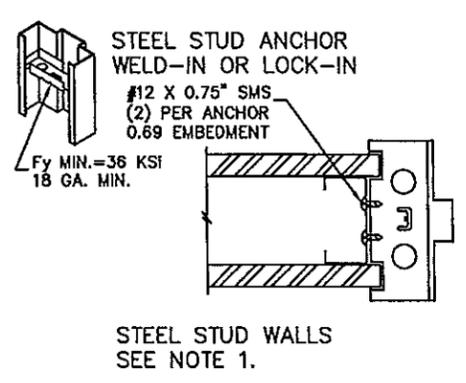
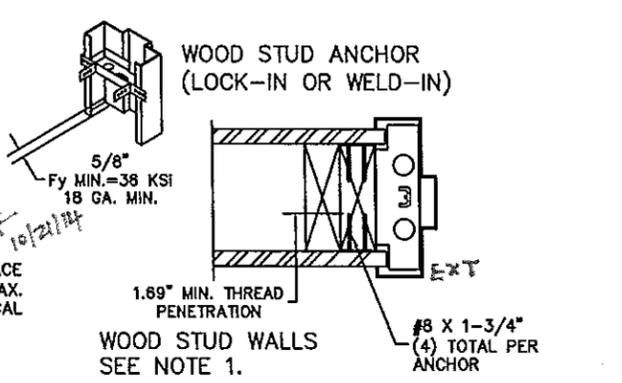
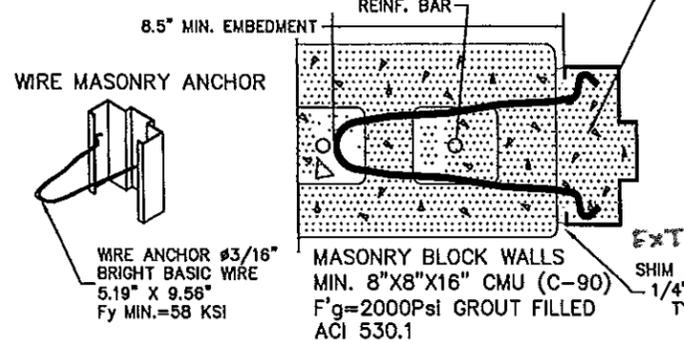
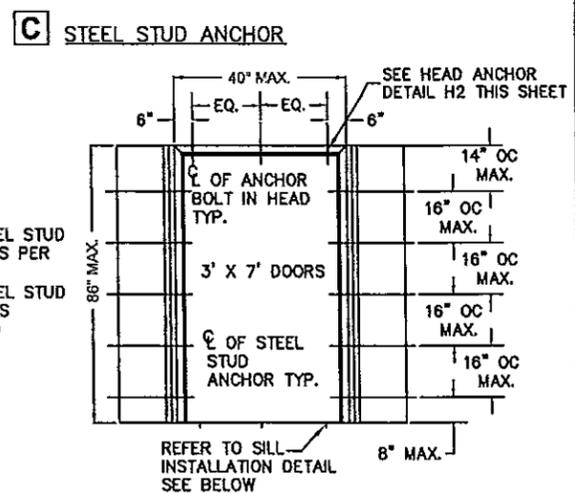
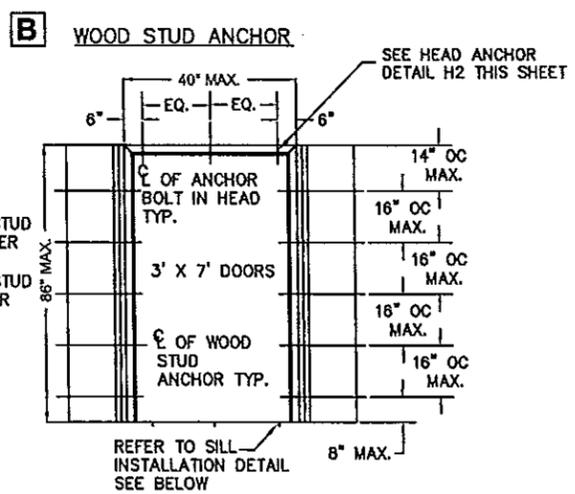
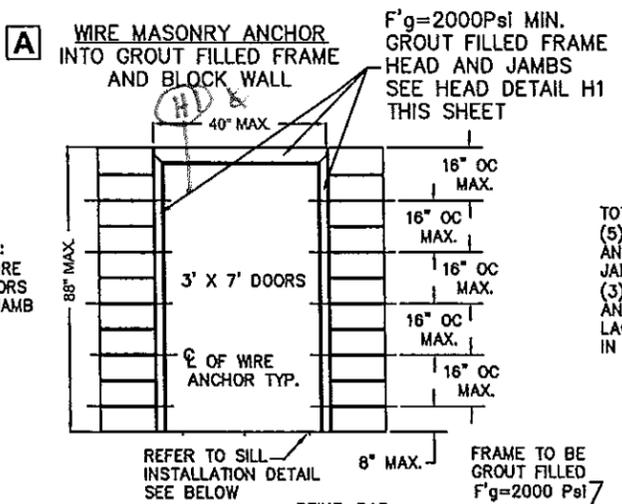
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 13-1217-12
 Expiration Date 2/24/17
 By *LSH*
 Miami Dade Product Control

ASL vs 8/31/14
 Gordon Thomas Date
 3759 Blossom Court
 Mason, OH 45040
 Florida #46718

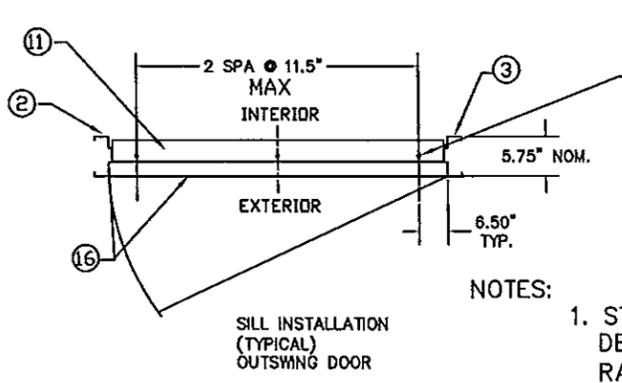
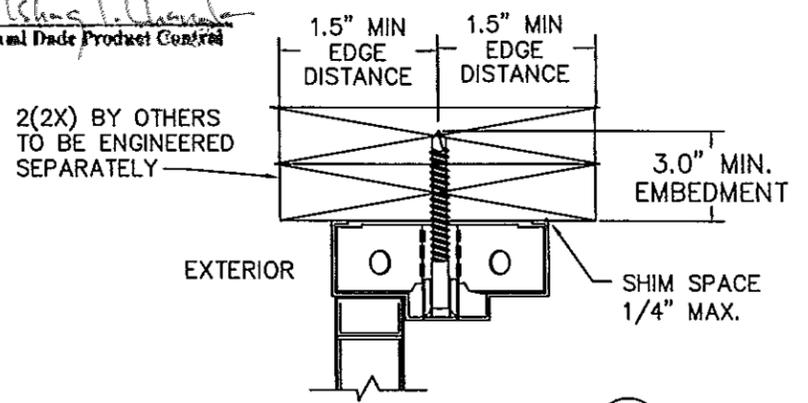
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
DRAWN YMF	DATE 5/01/02	DOOR CORE MATERIAL OPTIONS			
CHECKED		SIZE	FLAT	DWG NO. 776W-2	REV H
APPROVED		SCALE: NTS		AUTOCAD	SHT 4 OF 9
ENG. APPVL					

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
C	REVISED FOR SUBMITTAL	07/02/04	
D	REVISED PER DC BCCO	08/31/04	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	JPD 11/01/13	



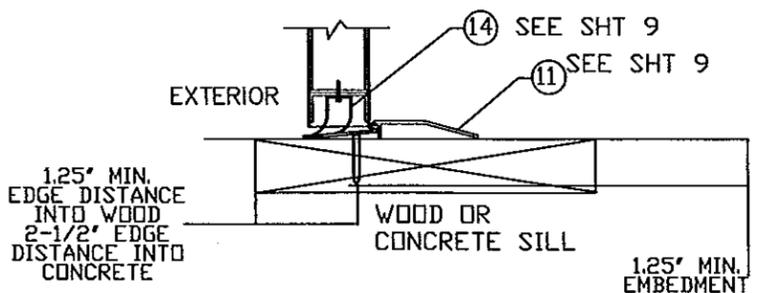
PRODUCT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 13-1217-12
 Expiration Date 2/24/17
 by [Signature]
 Miami Dade Product Control



- NOTES:
1. STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 283#/FT BASIS
 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 DIMENSION WHEN IT'S GROUTED FULL. 2" FACE HEAD WITHOUT GROUT REQUIRES (3) EXPANSION OR LAG BOLTS IN HEAD 6" FROM EACH JAMB AND EQUALLY SPACED.
 4. ELEVATIONS SHOWN FROM EXTERIOR FOR OUTSWING APPLICATIONS.

HEAD WITHOUT ANCHOR DETAIL (H1)

HEAD ANCHOR DETAIL (H2)



SILL DETAIL (SIDEVIEW)

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
DRAWN YMF	DATE 5/01/02	ANCHOR DETAILS / MOUNTING CONDITIONS			
CHECKED		SIZE	FLAT	DWG NO. 776W-2	REV H
APPROVED		SCALE: NTS		AUTOCAD	SHT 5 OF 9
ENG. APPVL					

[Signature]
 Gordon Thomas Date
 3759 Blossom Court
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 Florida #46718

AVAILABLE DOOR CONFIGURATIONS
(SEE NOTE 1.)

TABLE 1.

DOOR TYPE	CORE MATERIAL PER SHT.4	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
FLUSH	HONEYCOMB POLYSTYRENE POLYURETHANE	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
STEEL STIFFENED	STEEL STIFFENED	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
TEMPERATURE RISE CORE	MINERAL FIBER	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
EMBOSSSED PANELS	POLYSTYRENE/ HONEYCOMB	3'0"	7'0"	GALV	16/.053"

AVAILABLE FRAME CONFIGURATIONS
(SEE NOTE 2.)

TABLE 2.

FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.093"
MU	5.75" NOM.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"

TABLE 3. STEEL DOOR/FRAME MECHANICAL PROPERTIES.

MATERIAL	ASTM REF.	DOOR		FRAME	
		YIELD KSI	TENSILE KSI	YIELD KSI	TENSILE KSI
CRS	ASTM A366	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.
HRS	ASTM A1011	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.
GALV: A60	ASTM A924	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.

REVISIONS

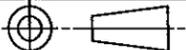
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C	REVISED FOR SUBMITTAL	07/02/04	
D	REVISED FOR SUBMITTAL	08/31/04	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME JPD	11/01/13	

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Building Code
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Expiration Date 2/24/17
By: *[Signature]*
Miami Dade Product Control

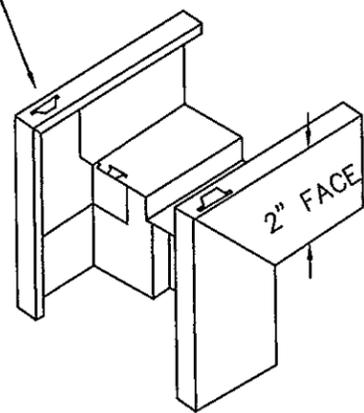
[Signature] 8/3/14
Gordon Thomas Date
3759 Blossom Court
Mason, OH 45040
Florida #46718

NOTES:

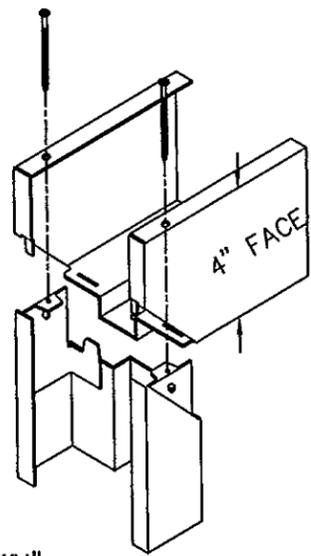
- DOOR CONSTRUCTION
 - MINIMUM DOOR THICKNESS - 1 3/4"
 - DOORS AVAILABLE IN FLAT AND EMBOSSSED SURFACE MODELS (SEE TABLE.1)
 - ALL DOORS ARE FLUSH - NO LITES OR LOUVERS APPROVED
- FRAME CONSTRUCTION
 - NOMINAL JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE.2)
- FOR DOOR & FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3

BEND RADIUS		MANUFACTURING FACILITY: SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250	
 THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS. HIGH PRESSURE APPLICATIONS	
DRAWN YMF	DATE 5/01/02	SIZE FLAT	DWG NO. 776W-2
CHECKED		SCALE NTS	REV H
APPROVED		AUTOCAD	SHT 7 OF 9
ENG. APPVL			

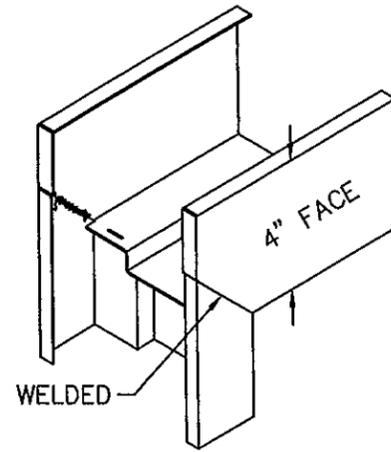
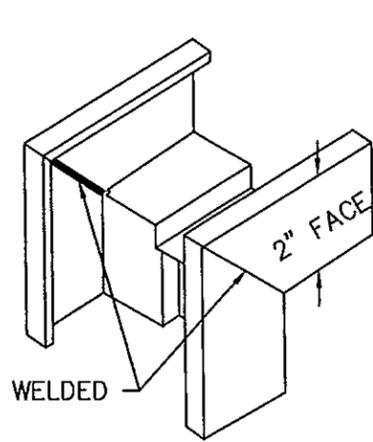
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'KD'
"KNOCKED-DOWN"
ASSEMBLY

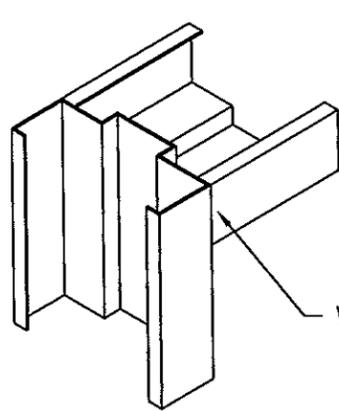


'SUA'
SET-UP AND ARC-WELDED
ASSEMBLY

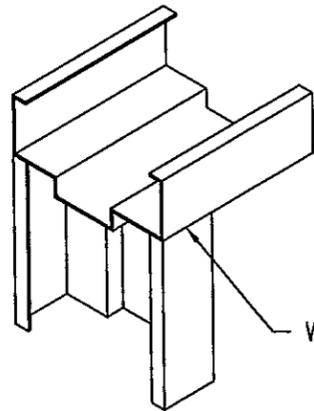


'MU'
"MULTI-USE" SERIES
ASSEMBLY

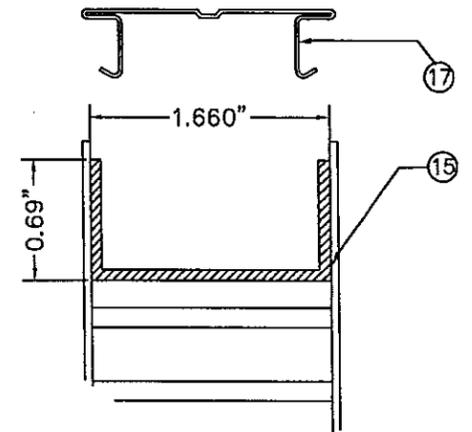
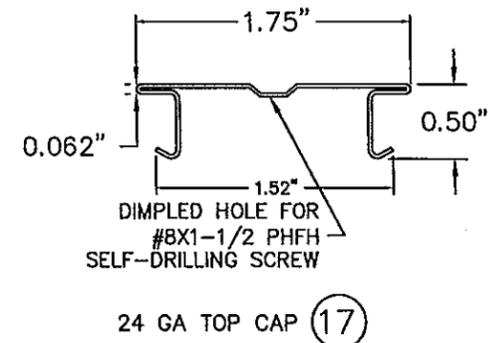
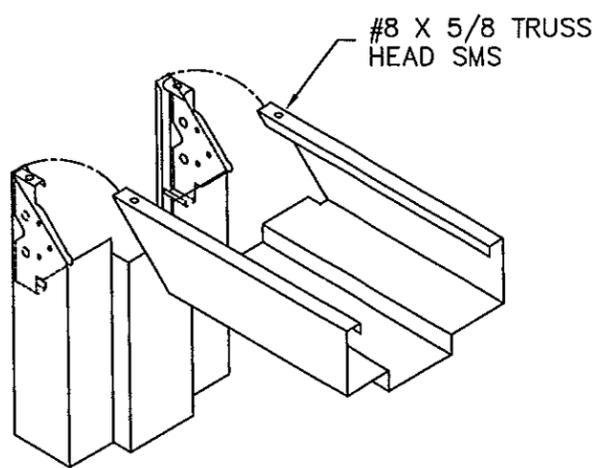
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F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	JPD 11/01/13	



HEAD NOTCHED
AND BUTTED BETWEEN JAMBS



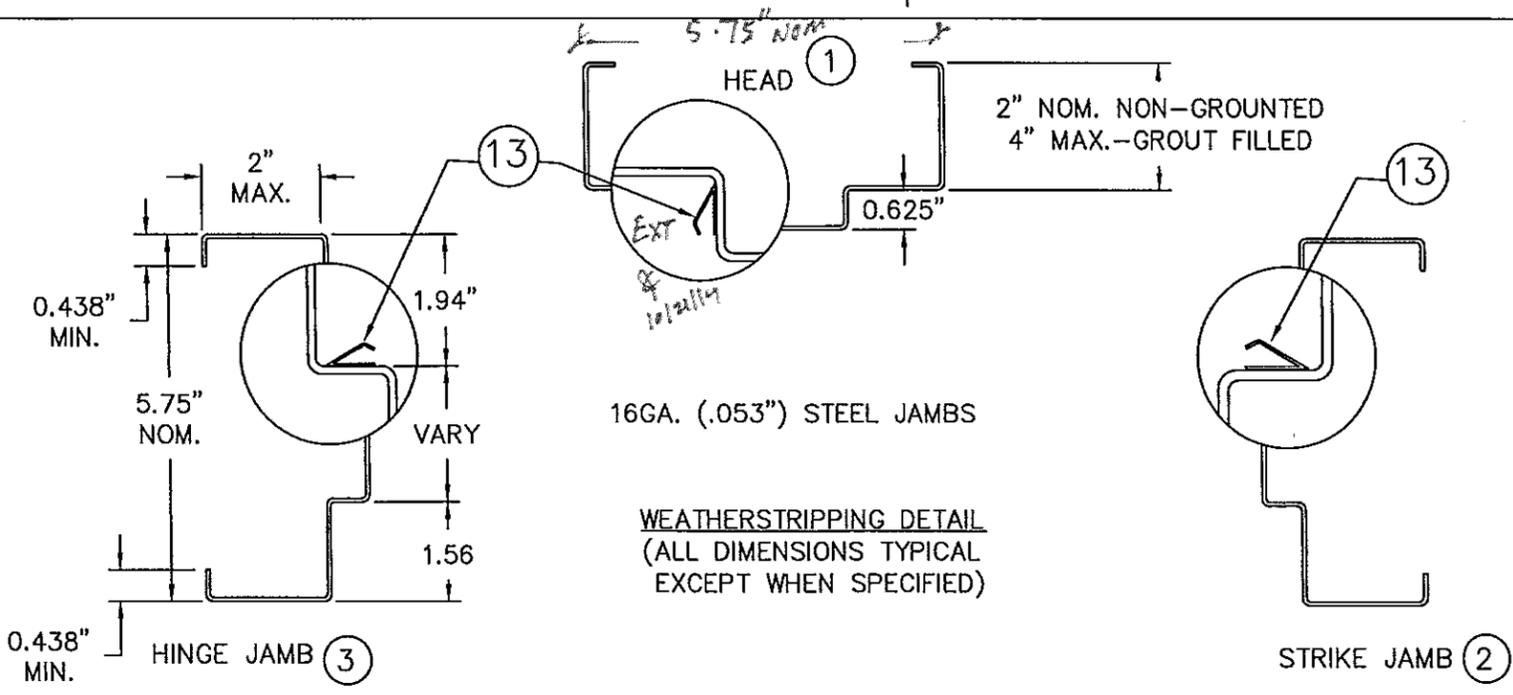
HEAD SITS ON TOP
OF NOTCHED JAMBS



TOP & BOTTOM CHANNEL
L=FULL DOOR WIDTH
14 GAGE

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Expiration Date 2/24/17
By *William L. Clark*
Miami Dade Product Control

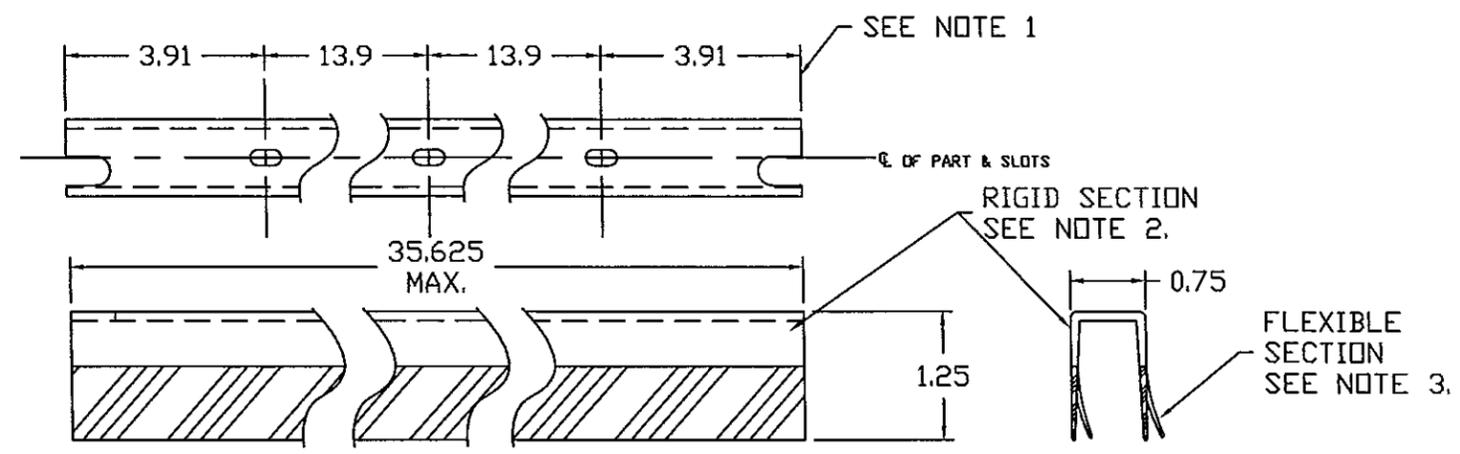
Gordon Thomas 8/31/14
Date
Gordon Thomas
3759 Blossom Court
Mason, OH 45040
Florida #46718



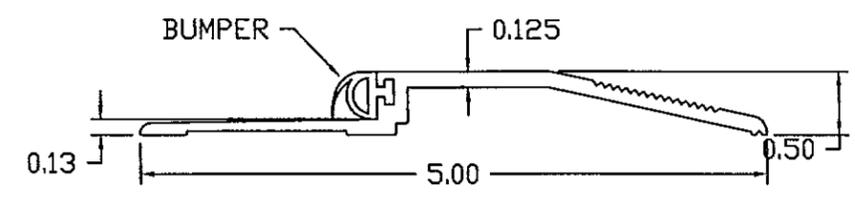
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CHECKED		APPROVED		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS	
ENG. APPVL		SCALE: NTS		CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH FRAME AND MU FRAMES	
DRAWN		DATE		DWG NO. 776W-2	
CHECKED		APPROVED		REV H	
ENG. APPVL		SCALE: AUTOCAD		SHT 8 OF 9	

REVISIONS

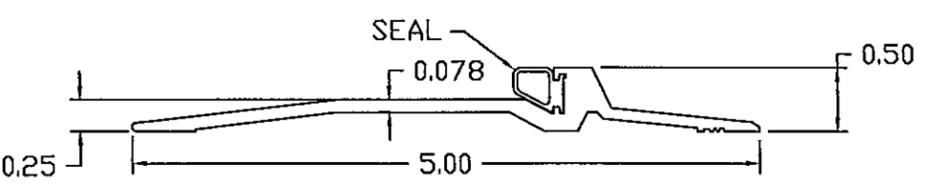
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A	NEW PAGE	11/01/13	



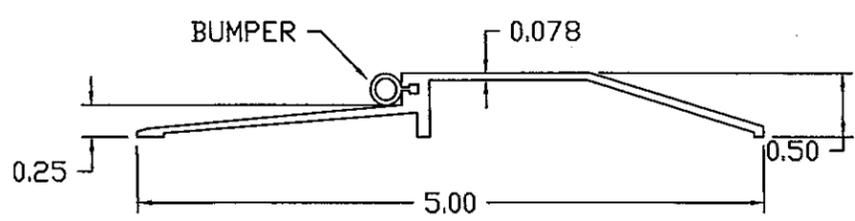
FAS-SEAL DOOR SWEEP (14)



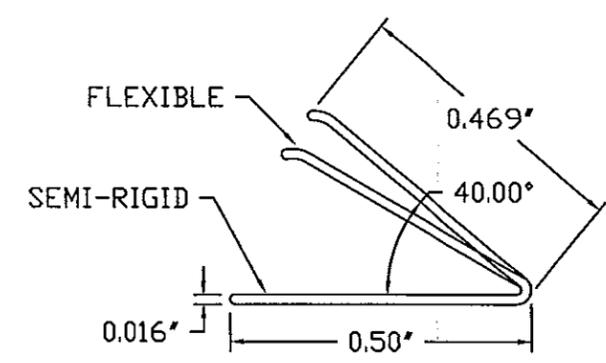
ZERO INT'L 566 SERIES THRESHOLD WITH NEOPRENE BUMPER 6063-T5 OR T6 ALUMINUM (11-3)



PEMKO 2005 SERIES THRESHOLD WITH SILICONE, VINYL OR PILE SEAL 6063-T6 ALUMINUM (11-1)



NATIONAL GUARD 950 SERIES THRESHOLD WITH SILICONE, VINYL OR NEOPRENE BUMPER 6063-T5 ALUMINUM (11-2)



PS-074 SELF-ADHESIVE WEATHERSTRIPPING (13)

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NOTES:

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH. (MAX. 36")
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 73 DUREMETER - SHORE A SCALE

[Signature] 9/3/14
 Gordon Thomas Date
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 Florida #46718

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
DRAWN YMF	DATE 02/05/02	DOOR ACCESSORIES BOTTOM SWEEP THRESHOLDS AND WEATHERSTRIPPING		SIZE FLAT	DWG NO. 776W-2
CHECKED		SCALE: NTS		AUTOCAD	REV H
APPROVED		SHT 9 OF 9			
ENG. APPVL					