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

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

NOTICE OF ACCEPTANCE (NOA)

Schlage Lock Company
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 H Series Double Flush Outswing Commercial Steel Door w/ SVR (Surface Vertical Rod) Panic Exit Devices -LMI

APPROVAL DOCUMENT: Drawing No. Drawing No "**3580-1**" Rev **G**, titled "Steelcraft H-series Single and Double Flush Doors", sheets 1 through 8 of 8, prepared by the manufacturer, dated 03-13-09 and last revised on 09/29/15, 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 and Small Missile Impact

Limitations:

1. See Size, Design Pressures and Water infiltration (Threshold types) limitations in sheets **1** and **5** of the drawings. Lower design Pressure shall control the assembly.
2. Frame jambs installed into grouted CMU or block are limited to = **+/-75 PSF**. Use of Ives Viewers (model U696/U698) is limited to **+/-75 PSF**. ElFom P200 (Polyisocynurate) is by Elliott Company of Indianapolis.
3. Electrical/Electronic functions and Fire ratings are **not** part of this approval, such functions to be reviewed and approved by AHJ.

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

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

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

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA **revises & renews NOA #13-1217.18** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY APPROVED

4/18/16

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (Submitted under file as below).
2. Drawing No. Drawing No "**3580-1**" Rev **G**, titled "Steelcraft H-series Single and Double Flush Doors", sheets 1 through 8 of 8, prepared by the manufacturer, dated 03-13-09 and last revised on 09/29/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files **#13-1217.18/#12-0305.12/ #10-0209.06/#09-0528.06**)

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

   Along with manufacturer's parts and section drawings of Single outswing steel doors w/ Stainless steel continuous Hinges & modified Hat stiffeners, marked by Certified Testing Lab, Test Reports No(s). **CTLA-3045W** dated February 16, 2015, signed and sealed by Ramesh Patel, P.E.
2. Test report on
   1) Air Infiltration Test, per TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per TAS 202-94
   3) Large Missile Impact Test per FBC, TAS 201-94
   4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   5) Forced Entry Test, per PA 202-94

   Along with manufacturer's parts and section drawings of double outswing steel doors w/CVC panic exit and Peep hole, marked by Element Material Technology, Test Reports No(s). **ESP011623P** dated May 14, 2013, signed and sealed by Jason Sheen, P.E.
3. Test reports on
   1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94.
   2) Water Resistance Test per FBC TAS 202-94 (See limitations in sheet 1)

   Along with marked-up drawings and installation diagram of double steel commercial doors, prepared by National Certified Testing Laboratories Inc., Test Report No. **NCTL- 210-03-0514-11,** dated August 31, 2004 , **NCTL 210- 03-3511-1** dated 04/09/08 and **NCTL 210- 03-3549-1** dated 08/26/08, all signed and sealed by Gerry Ferrara, P. E.

   Note: Test report No(s): NCTL210-3549-1 and NCTL-210-3511-1 have been revised by an addendum letter, issued by Lab, dated Feb. 04, 2009, signed & sealed by Gerard J. Ferrara, P. E.
4 Test report on
   1) 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 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 and **NCTL-210- 3357-1**, both signed and sealed by Gerry Ferrara, P. E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0930.03
Expiration Date: May 05, 2020
Approval Date: April 28, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue)

5. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94(Not conducted)
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94(Not conducted)
   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 2411 3.2.1, TAS 202-94

Along with manufacturer's parts and section drawings of Flush out swing double steel doors, marked by Certified Testing Lab, Test Reports No(s). **NCTL-210-3580-1** dated 03/25/09, signed and sealed by Gerard J. Ferrara, P. E. (Submitted under file # **09-0528.06)**

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

C. CALCULATIONS:

1. Anchor verification calculations per FBC 2014 (5th Edition) dated 09/29/15, 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 6 thru 8, submitted under file # **09-0528.06**)

1. Material composition & Flammability properties and Material Safety Data sheet of Pyrophobic P25C-60 core by Pyrophobic System LTD, dated DEC 05, 2010, issued by I. Zhvanetsky, chemical consultant.
2. Material composition & Flammability properties and Material Safety Data sheet of Calcium Silicate mineral block, issued by Marshfield Door Sys, Inc., Marshfield. WI 54449.
3. Test Report No. **12-11177**, Nov 29, 2012, issued by Commercial Testing Co. for "Surface Flame spread & Smoke density Characteristics of Building material" per ASTME84-12 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 ASTME84 and self-Ignition per ASTM1929D for "Polyisocyanurate" issued by Omega Point Laboratories, Inc. to Elliot Co., Indianapolis, IN.
5. Tensile test report # CTLA-776W (0194H), dtd 02/25/02 prepared by CTL, Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
6. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building material" per ASTME84 and self-Ignition per ASTM1929D for "EPS", issued to Falcon Foam, a Div. of Atlas Roofing, re-named as "ATLAS EPS'.
7. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTME-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
8. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building material" per ASTME84 and self-Ignition per ASTM1929D for "EPS", issued to Falcon Foam, a Div. of Atlas Roofing, re-named as "ATLAS EPS'

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0930.03
Expiration Date: May 05, 2020
Approval Date: April 28, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS: Except items #1, balanced of the items submitted under file **#10-0209.09.**

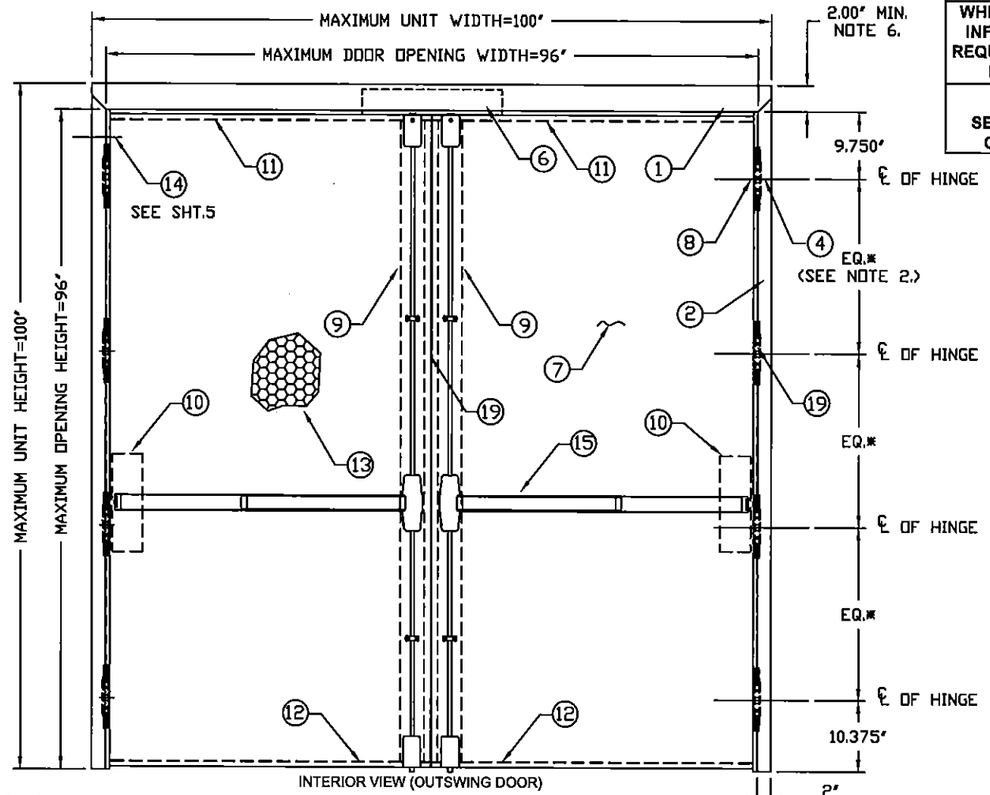
1. Letter of conformance to FBC 2014 (5th Edition), dated 09/29/15, prepared, signed and sealed by Gordon Thomas, P.E.
2. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
3. Ingersoll–Rand press release, dated 12/10/12, integrating the brands of Ingersoll–Rand and Schlage among others.
4. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
5. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
6. Statement letter of conformance to FBC 2007 and no financial interest, dated 05/4/09, prepared, signed and sealed by Gordon Thomas, P.E.
7. Laboratory Compliance statement issued as part of the above test reports.
8. 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.
9. Letter of certification dated 04/20/10, issued by Ingersoll-Rand for electronic CO lock series mechanical /functional parts same as AD, ND and AD-M series.

G. OTHER

1. This NOA **revises & renews NOA #13-1217.18,** expiring on 05/05/20.
2. Test proposals # **14-0252**, **-0254**, **#14-1086**, **#14-0254-R1** and **#12-0797R** approved by RER.
3. Consolidation Test proposal # **06-2468**, dated 04/27/07 approved by BCCO.
4. Consolidated reference NOA # 10-0209.06.
5. Technical brochures of butt Hinges, continuous Hinges, Schlage & Falcon Mortise Locks, Supplied by Schlage Company (former Ingersoll-Rand).

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0930.03
Expiration Date: May 05, 2020
Approval Date: April 28, 2016



INTERIOR VIEW (OUTSWING DOOR)

DESIGN PRESSURE RATING, PSF	
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
±75 SEE TABLE 5 ON SHT. 6	±150 SEE TABLE 6 ON SHT. 6

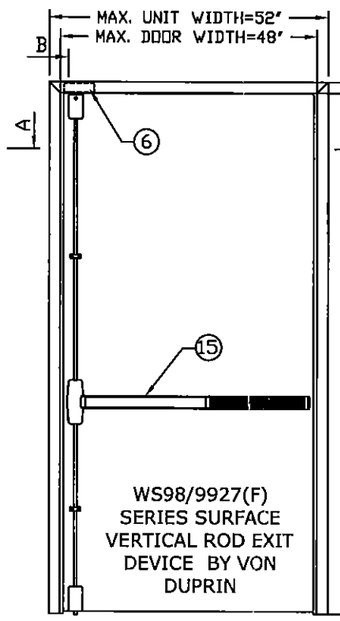
LARGE MISSILE IMPACT RATING		
FBC SECTION	TEST STANDARD	IMPACT
1626 - HVHZ	FBC TAS 201/203	9 LBS @ 34 MPH (50 FPS)

HVHZ - HIGH VELOCITY HURRICANE ZONE

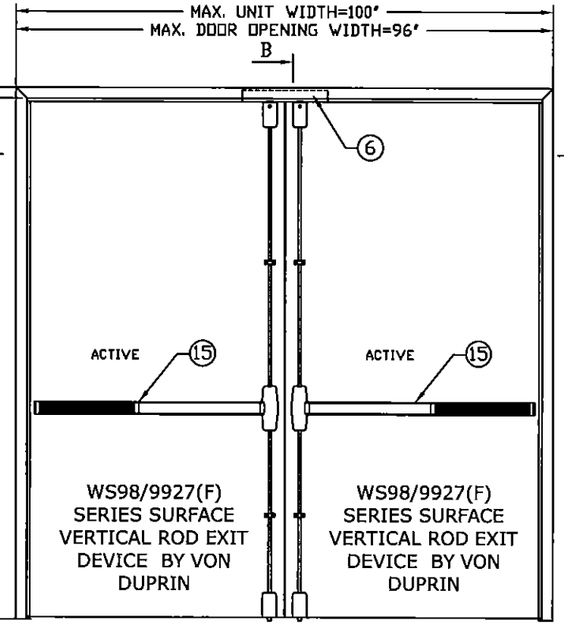
GENERAL NOTES:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS201, 202 &203-94 AND COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW APPROVAL YMF	03/13/09	
C	REVISION DWG YMF	03/31/10	
D	REVISION DWG YMF	08/05/10	
E	REVISION DWG YMF	12/06/10	
F	REVISED NAME JPD	11/01/13	
G	REVISED JPD	05/05/15	

SINGLE OUTSWING DOORS

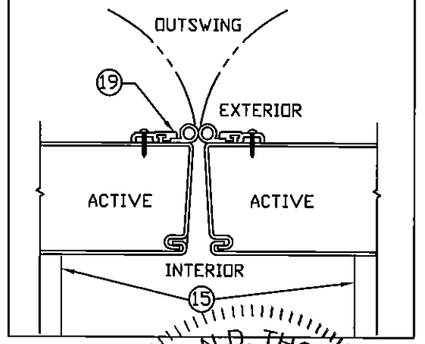


DOUBLE OUTSWING DOORS



PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 15-0930.03
Expiration Date 11MAY05,2020
By: Shirley L. Chambers
Mgr. Dade Product Control

DETAIL 'A' MEETING DOOR EDGES
WITH SPLIT ASTRAGAL GASKETING
NO HOLLOW METAL DOOR ASTRAGAL
NO HARDWARE MULLION - BOTH DOORS ACTIVE



SINGLE / DOUBLE OPENING B.O.M. TABLE 1.

ITEM	QUANTITY		DESCRIPTION	MATERIAL	REF.
	Sngle	Dble			
1	1	1	HEAD SECTION (MAX 52" OR 100" long)	.053" MIN. STL.	ASTM A366
2	1	2	HINGE JAMB (MAX 100")	.053" MIN. STL.	ASTM A366
3	1	0	STRIKE JAMB (MAX 100")	.053" MIN. STL.	ASTM A366
4	4	8	FRAME HINGE REINFORCEMENT	.171" MIN. STL.	ASTM A621
5	4	8	HINGE	.134" MIN STL.	SHT. 8
6	1	1	HEAD REINFORCEMENT	.067" MIN. STL.	SHT. 2
7	1	2	DOOR SLAB (16 or 14)	.053" MIN. STL.	SHT. 3
8	4	8	DOOR HINGE REINFORCEMENT	.171" MIN. STL.	ASTM A621
9	1	2	DOOR LOCKSIDE REINFORCEMENT CHANNEL (FULL LENGTH)	.099" MIN. STL.	SHT. 2
10	1	2	DOOR HINGE SIDE REINFORCEMENT BOX	.067" MIN. STL.	SHT. 2
11	1	2	TOP CHANNEL (FULL WIDTH)	.099" MIN. STL.	SHT. 2
12	1	2	BOTTOM CHANNEL (FULL WIDTH)	.067" MIN. STL.	SHT. 2
13	1	2	CORE	VARY	SHT. 7
14	NOTE 2	NOTE 2	FRAME ANCHOR	VARY	ASTM A924
15	1	2	LOCKING HARDWARE: WS98/9927(F) SURFACE VERTICAL ROD EXIT DEVICE BY VON DUPRIN		SHT. 8
16	1	1	THRESHOLD 950 BY NGP	.078" ALUM. 6063 T5	SHT. 6
			THRESHOLD 566 BY ZERO INT'L		
17	1	2	FAS-SEAL DOOR SWEEP	TPE	48" MAX
18	NOTE 12	NOTE 12	PS074 WEATHER STRIP (FULL LENGTH)	TPE	
19	0	2	SPLIT ASTRAGAL	SHEET 6	96" MAX
20	1	1	DOOR SEAL (FULL LENGTH)	SHEET 6	
21	1	2	DOOR SWEEP	SHEET 6	96" MAX
22	1	2	DOOR SWEEP	SHEET 6	48" MAX
23	1	2	ADJUSTABLE STOP	TPE	48" MAX
24	1	2	DRIP CAP	SHEET 6	48" MAX
25	1	2	TOP CAP	SHEET 6	48" MAX

NOTES:
1. WEATHERSTRIPPING - INSTALL PER SHT. 6.
2. ANCHOR REQUIREMENTS: SEE SHEETS 4, 5, 9 & 10 FOR APPROVED ANCHOR INSTALLATION REQUIREMENT AND SILL INSTALLATION ON SHEETS 4, 5 & 6.
3. HINGE REQUIREMENTS:(SEE HINGE OPTIONS SHEET 8)
MIN. (4) HINGES FOR DOOR OPENING OVER 90" - 96" HIGH
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 3 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
6. 4" FACE HEAD IS AVAILABLE.
7. APPLY CAULK AS NEEDED.
8. SEE SHEET 2 FOR SECTION A-A AND B-B.
9. EXIT HARDWARE OPTIONS: FUNCTIONS E, RX, LX, SS, EL, CX, F (SEE NOTE 10)
TRIM: ALL APPLICABLE TRIMS AVAILABLE.
10. ELECTRICAL INSTALLATION AND FIRE RATING ARE UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
11. OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTARY MAGNETIC LOCKS 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 CORRESPONDING AUTHORITY
12. ITEMS 20 THROUGH 24 REQUIRED ONLY IF WATER INFILTRATION IS NEEDED.(SEE DESIGN PRESSURE TABLE).
13. AIR INFILTRATION (THERMAL EFFICIENCY) IS NOT PART OF THIS APPROVAL.

GORDON D. THOMAS LICENSE No. 46718 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/24/15
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date

THIRD ANGLE PROJECTION

DRAWN	YMF	DATE 03/13/09
CHECKED		
APPROVED		
ENG. APPVL		

SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

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

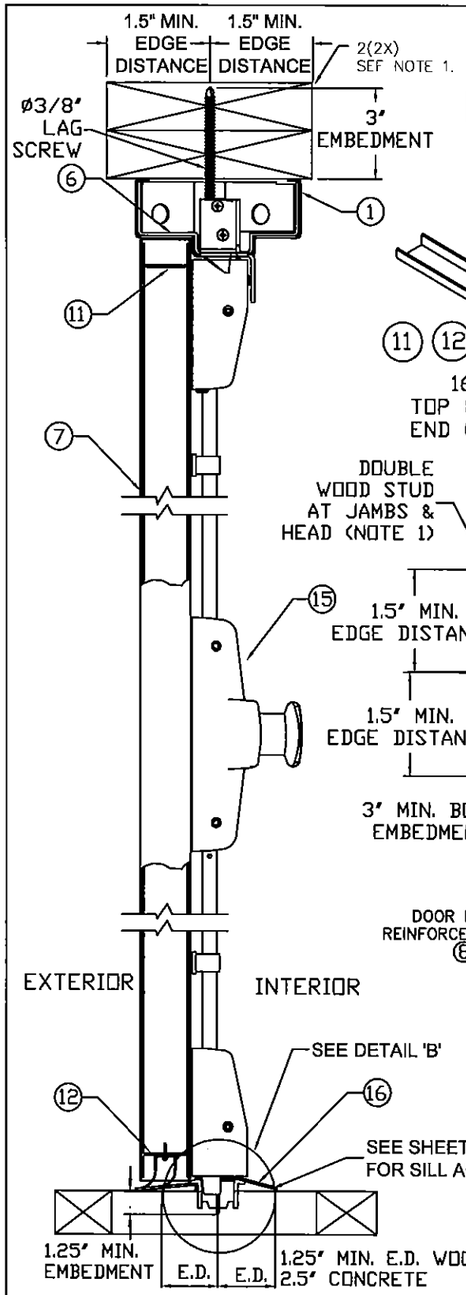
TITLE STEELCRAFT H-SERIES SINGLE AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

STEELCRAFT H-SERIES SINGLE AND DOUBLE OUTSWING DOORS WITH VON DUPRIN WS98/9927(F) EXIT DEVICE

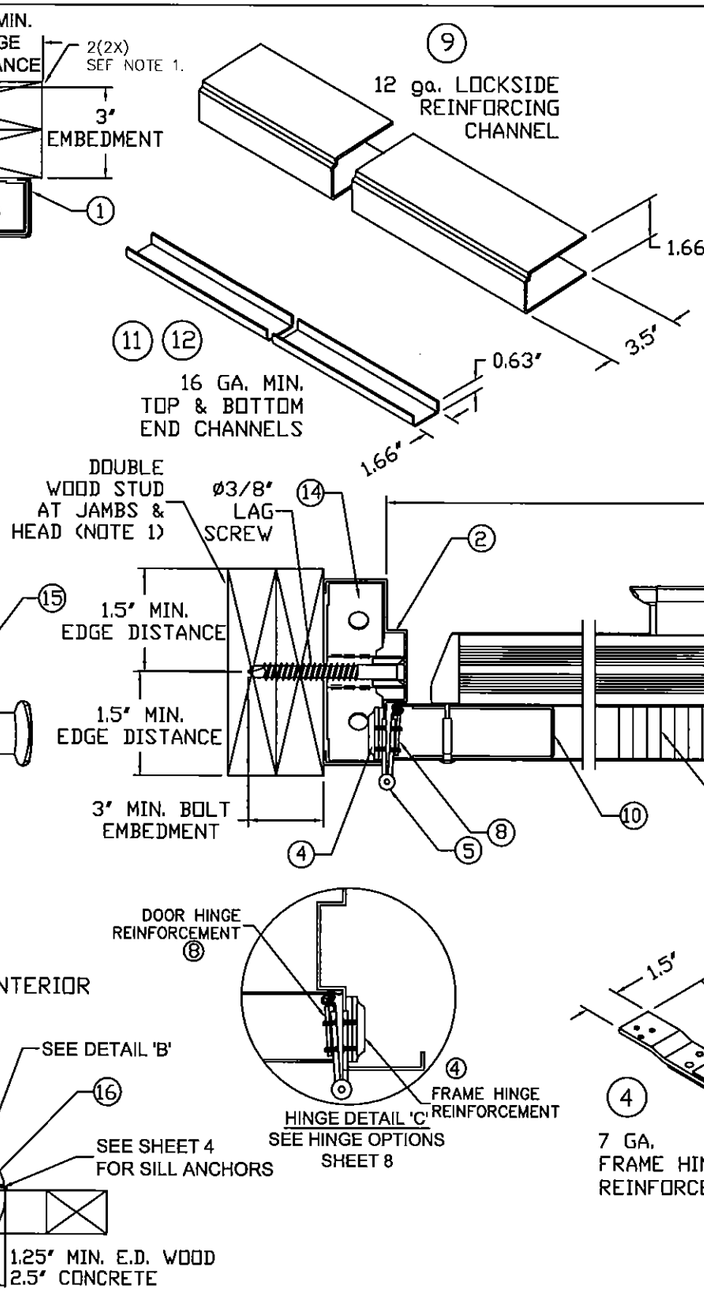
SIZE	FLAT	DWG NO.	REV
		3580-1 SHEET 1 OF 10	G

SCALE: NTS AUTOCAD

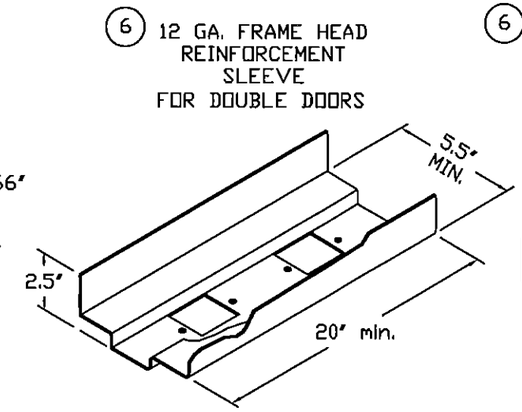
REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
E	REVISED	YMF	12/16/10	
F	REVISED NAME	JPD	11/01/13	
G	REVISED	JPD	05/05/15	

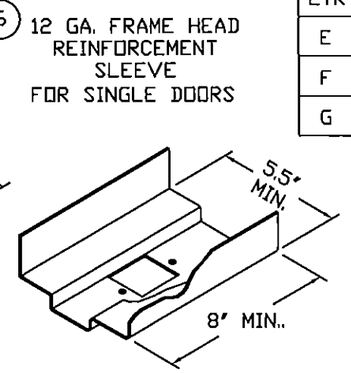


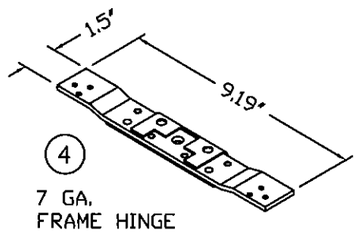
SECTION B-B
OUT-SWING DOOR
WITH VERTICAL ROD DEVICE

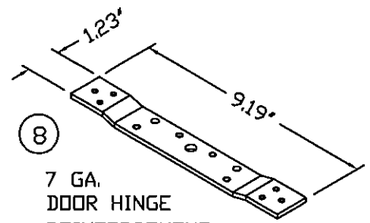


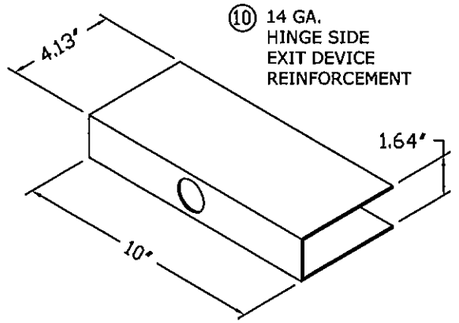
SECTION A-A
OUT-SWING DOORS
WITH SURFACE VERTICAL ROD EXIT DEVICE

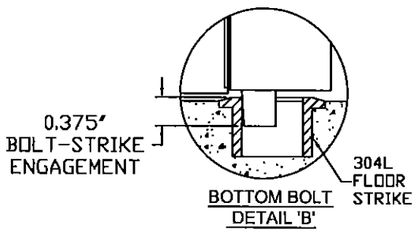












BOTTOM BOLT
DETAIL 'B'

PRODUCT REVISED
as complying with the Florida building Code
Acceptance No. 15-0930.03
Expiration Date 5/15/20
M. Ishaq Chaudhry
Miami-Dade Product Control

NOTES:
1. JAMB STUD INSTALLATION MUST ENSURE PROPER TRANSFER OF THE IMPOSED LOADS (SEE SHEET 5 NOTE 1)
2. HINGE SCREW SIZE, QUANTITY AND SPACING AS PER MANUFACTURER'S INSTRUCTIONS (MIN SIZE AND QUANTITY PER THIS APPROVAL)

GORDON D. THOMAS
LICENSE
No. 46718
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Gordon Thomas, PE
3799 Blossom Court
Mason, OH 45040
Florida # 46718
Date 5/29/15

THIRD ANGLE PROJECTION

DRAWN: YMF	DATE: 03/13/09
CHECKED	
APPROVED	
ENG. APPVL	

SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

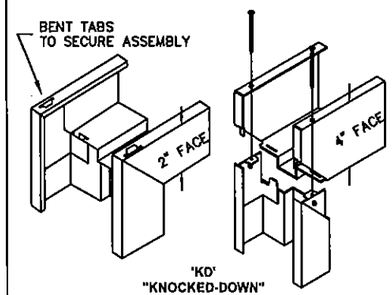
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

TITLE: STEELCRAFT H-SERIES SINGLE AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTIAL ROD EXIT DEVICE

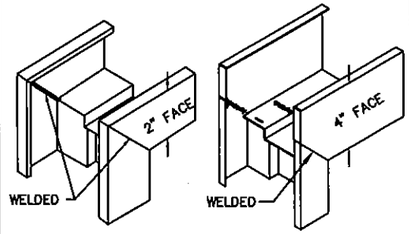
STEELCRAFT H-SERIES SINGLE AND DOUBLE OUTSWING DOORS WITH VON DUPRIN WS98/9927(F) EXIT DEVICE TESTED TO TAS 201/202/203

SIZE	FLAT	DWG NO.	REV
		3580-1 SHEET 2 OF 10	G

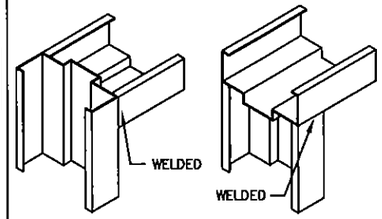
SCALE: NTS | AUTOCAD



'KD'
"KNOCKED-DOWN"
ASSEMBLY

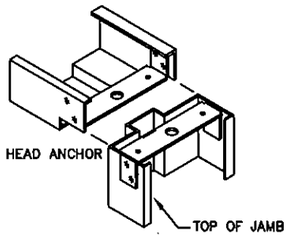


'SUA'
SET-UP AND ARC-WELDED
ASSEMBLY

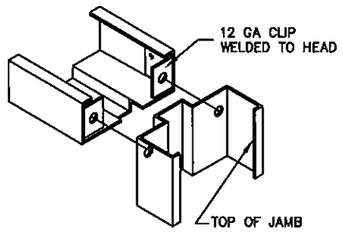


HEAD NOTCHED
AND BUTTED BETWEEN JAMBS

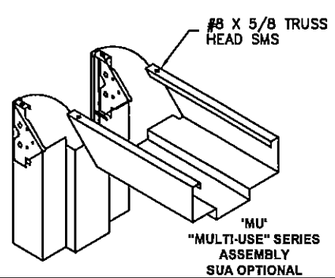
HEAD SITS ON TOP
OF NOTCHED JAMBS



HEAD NOTCHED
AND BOLTED ON TOP OF JAMBS

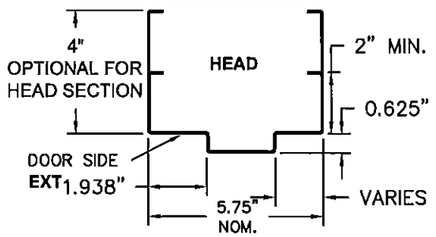


HEAD NOTCHED
AND BOLTED BETWEEN JAMBS

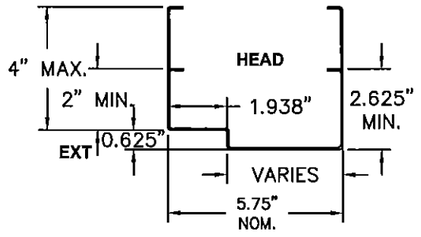


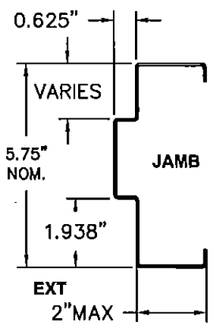
'MU'
"MULTI-USE" SERIES
ASSEMBLY
SUA OPTIONAL

TYPICAL FRAME PROFILE
DOUBLE RABBET

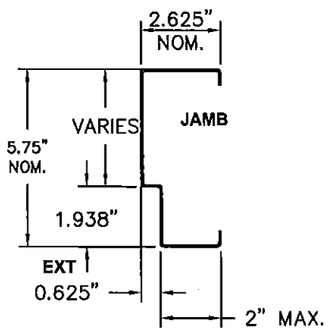


OPTIONAL FRAME PROFILE
SINGLE RABBET





OUTSWING DOORS



AVAILABLE DOOR PANEL CONFIGURATIONS

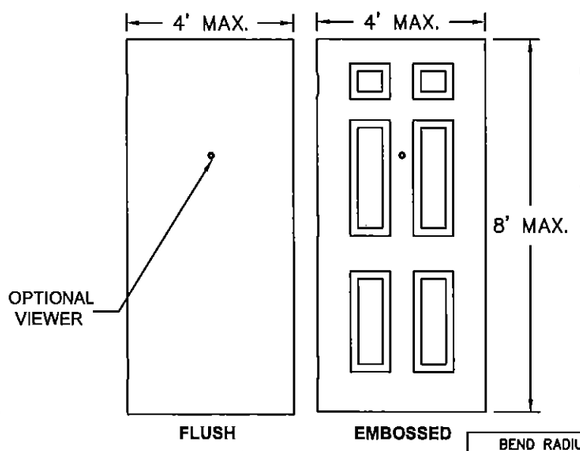


TABLE 4. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSi	TENSILE KSi
CRS	A366	MIN. 42.6	MIN. 53.5
HRS	A1011		
GALV: A60	A653		
SS: 304,316	A240	MIN. 42.6	MIN. 73.2

GORDON D. THOMAS
LICENSE
No. 46718
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date 5/5/15

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG YMF	03/13/09	
B	REVISION DWG YMF	01/19/10	
C	REVISION DWG YMF	07/16/10	
D	REVISION DWG YMF	08/05/10	
E	REVISION DWG YMF	12/06/10	
F	REVISED NAME JPD	11/01/13	
G	REVISED NAME JPD	05/05/15	

TABLE 2. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

STEELCRAFT H SERIES DOOR CORE MATERIAL PER SHT.7	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	SNGL–4'0" DBL–8'0"	8'0"	CRS GALV SEE TABLE 4	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	SNGL–4'0" DBL–8'0"	8'0"	STAINLESS STEEL SEE TABLE 4	16/.053"

TABLE 3. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

STEELCRAFT FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	SNGL–4'0" DBL–8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" NOM.	SNGL–4'0" DBL–8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067"

PRODUCT REVISED
to complying with the Florida
Building Code
Acceptance No 15-0930.03
Expiration Date 5/5/20 NOTES:
By Chang J. Chamb
Miami-Dade Product Control

1. DOOR CONSTRUCTION
1.1. NOMINAL DOOR THICKNESS – 1 3/4"
1.2. MAXIMUM DOOR SIZE IS 4' X 8" FOR SINGLE AND 8' X 8' FOR DOUBLE OPENING
1.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 4.
1.4 DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN PRESSURE OF +/–75 PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION
2. FRAME CONSTRUCTION
2.1. NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
2.2. FRAMES AVAILABLE AS FLUSH (F–SERIES) AND MULT–USE (MU–SERIES) (SEE TABLE 3)
2.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 4.

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	YMF	DATE 05/20/07
CHECKED		
APPROVED		
ENG. APPVL	JPD	10/12/07

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 AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

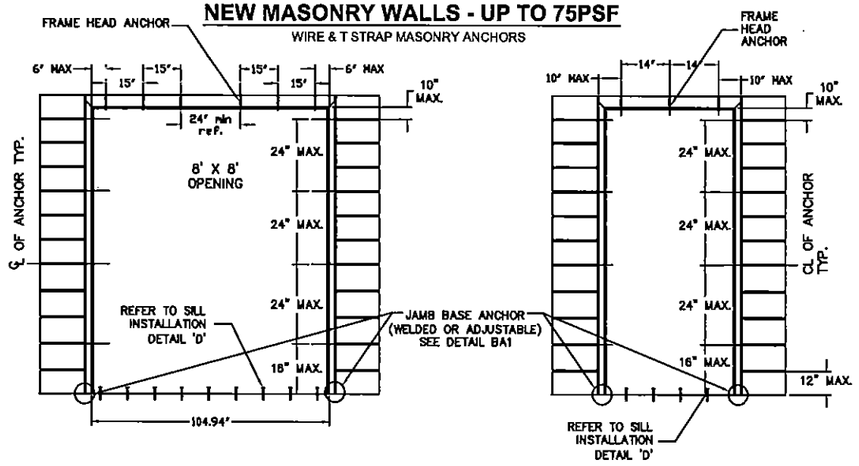
FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS

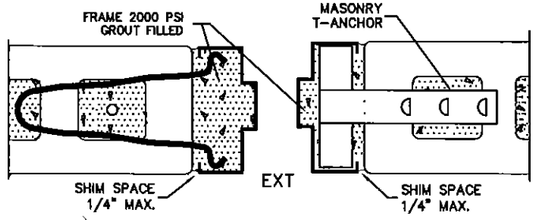
SIZE	FLAT	DWG NO.	REV
		3580–1	G

SCALE: NTS | AUTOCAD | SHEET 3 OF 10

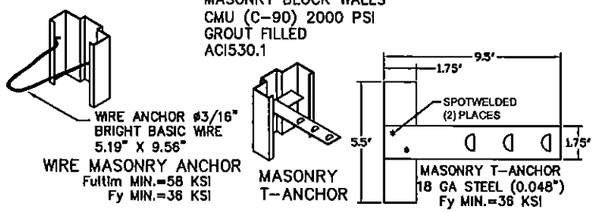
NEW MASONRY WALLS - UP TO 75PSF

WIRE & T STRAP MASONRY ANCHORS



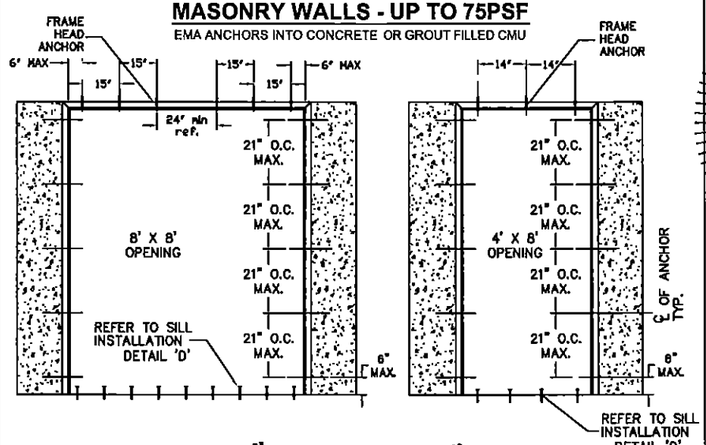


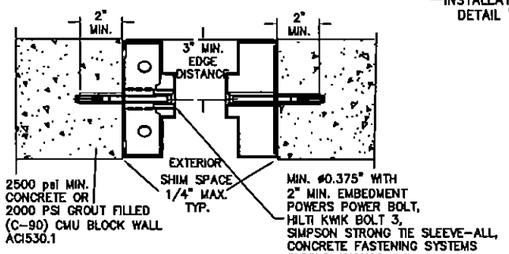
MASONRY BLOCK WALLS
CMU (C-90) 2000 PSI
GROUT FILLED
ACI530.1

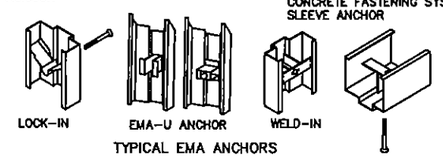


MASONRY WALLS - UP TO 75PSF

EMA ANCHORS INTO CONCRETE OR GROUT FILLED CMU







TYPICAL EMA ANCHORS

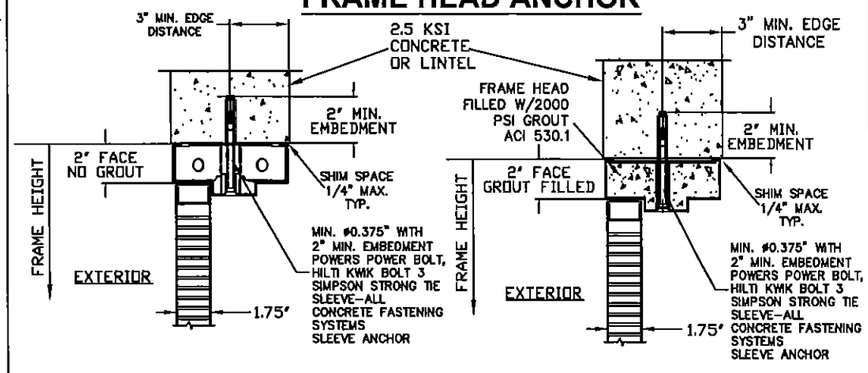
NOTES:
2000 PSI GROUT FILLED (C-90) CMU BLOCK WALL INSTALLATION LIMITED TO A DESIGN PRESSURE OF +/- 75 PSF.

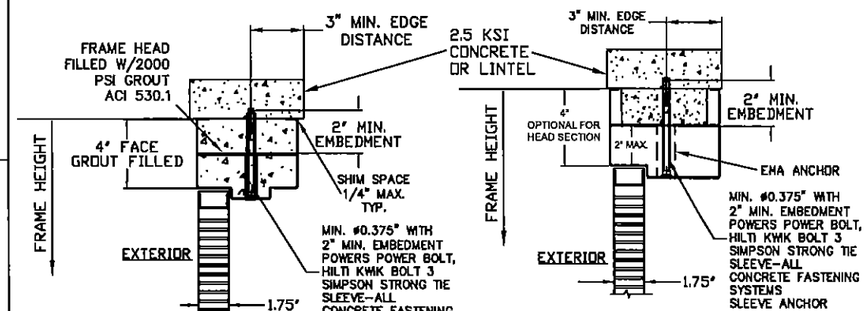
GORDON D. THOMAS
LICENSE
No. 46710
Gordon Thomas P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	03/13/09	
B	REVISED_PER_MDBCCO	YMF	01/19/10	
D	REVISED_PER_MDBCCO	YMF	08/05/10	
E	REVISED_PER_MDBCCO	YMF	12/06/10	
F	REVISED_NAME	JPD	11/01/13	
G	REVISED	JPD	05/05/15	

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 15-0930.03
Expiration Date 5/5/20
By Schlage Lock Product Control

FRAME HEAD ANCHOR

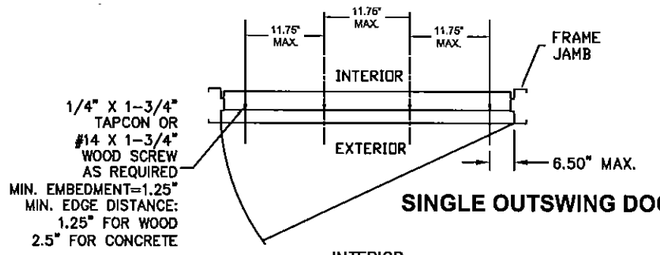




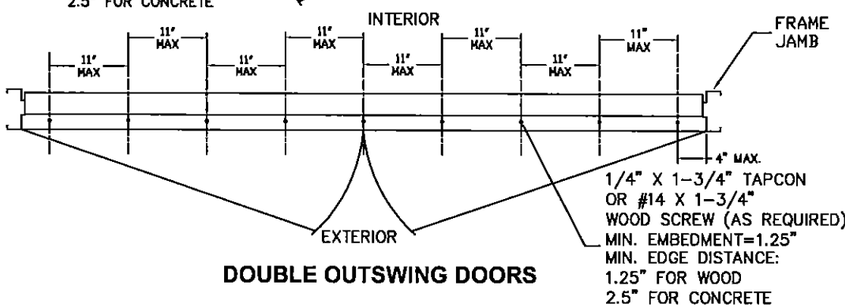
NOTES:

1. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
2. APPLY CAULK AS NEEDED.
3. HEAD ANCHORING CMU/LINTEL OPTIONS SHOWN, FOR WOOD APPLICATIONS SEE SHEET 5

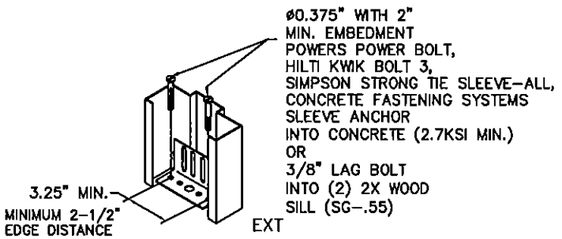
DETAIL 'D'
SILL INSTALLATION



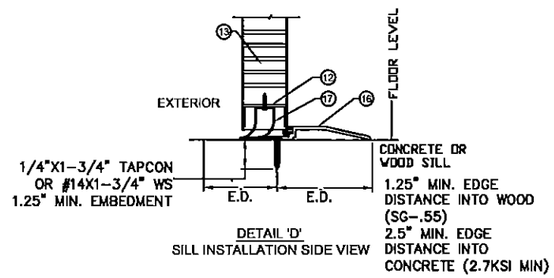
SINGLE OUTSWING DOORS



DOUBLE OUTSWING DOORS



JAMB BASE ANCHOR
(WELDED OR ADJUSTABLE)
DETAIL BA1



DETAIL 'D'
SILL INSTALLATION SIDE VIEW

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	YMF	DATE 05/20/07
CHECKED		
APPROVED		
ENG. APPVL		10/12/07

SCHLAGE LOCK COMPANY, LLC
6810 HILLSADLE COURT
INDIANAPOLIS, IN 46250

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

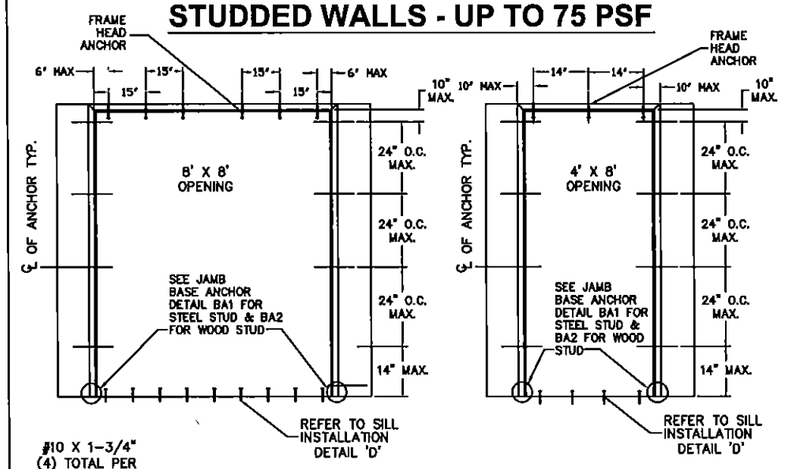
TITLE STEELCRAT H SERIES SINGLE AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

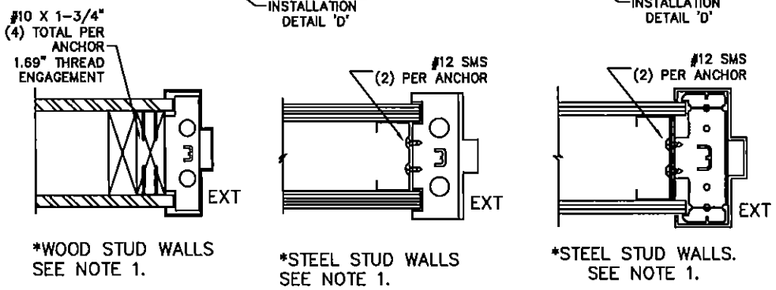
ANCHOR DETAILS / INSTALLATION CONDITIONS
FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING
OF 75 PSF OR LESS

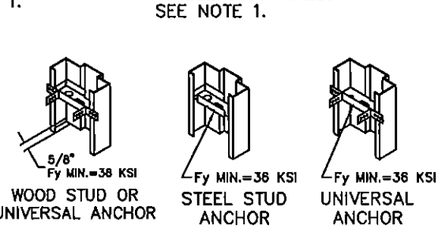
SIZE	FLAT	DWG NO.	REV
		3580-1	G

SCALE: NTS | AUTOCAD | SHEET 4 OF 10

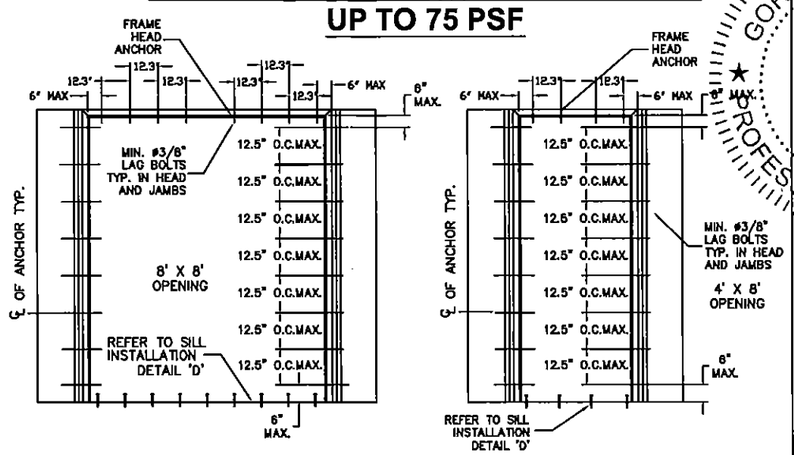
STUDDED WALLS - UP TO 75 PSF

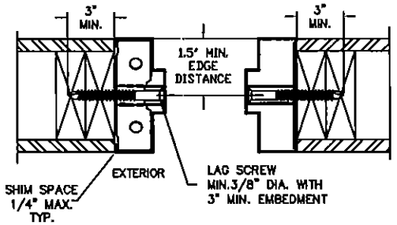


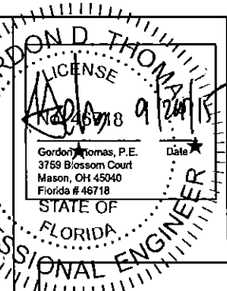




LAG SCREW INTO WOOD STUD WALL UP TO 75 PSF



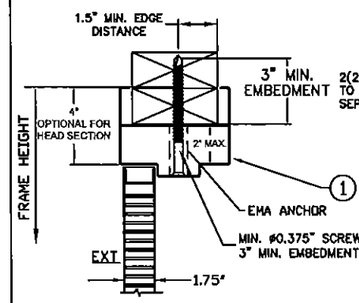


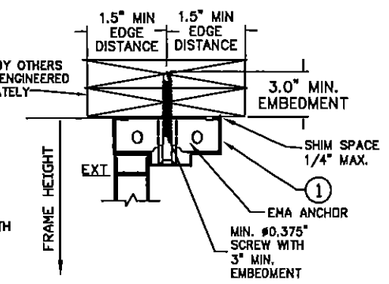


REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	03/13/09	
B	REVISED_PER_MDBCCD	YMF	01/19/10	
D	REVISED_PER_MDBCCD	YMF	08/05/10	
E	REVISED_PER_MDBCCD	YMF	12/06/10	
F	REVISED_NAME	JPD	11/01/13	
G	REVISED	JPD	05/05/15	

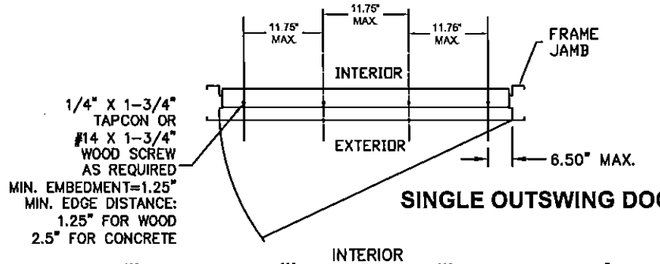
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 15-0930-03
Expiration Date 5/5/20
By [signature]
Miami-Dade Product Control

FRAME HEAD ANCHOR

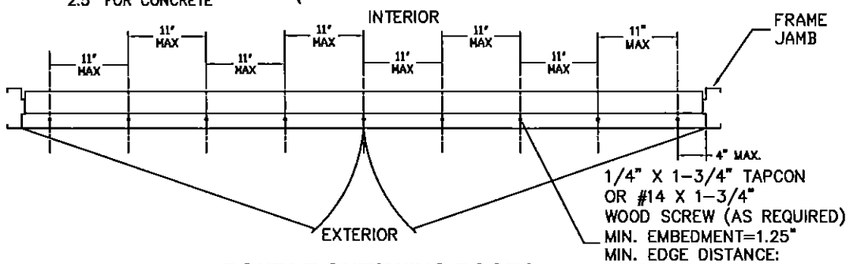




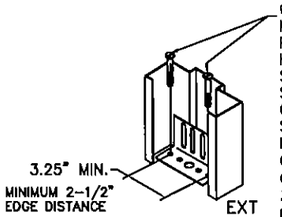
DETAIL 'D' SILL INSTALLATION



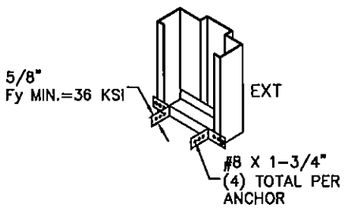
SINGLE OUTSWING DOORS



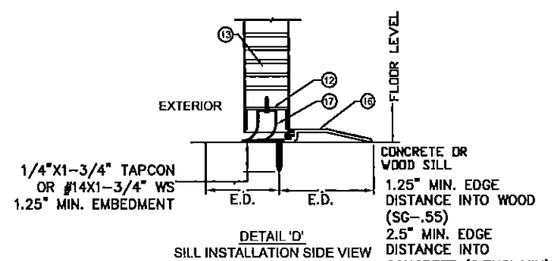
DOUBLE OUTSWING DOORS



JAMB BASE ANCHOR (WELDED OR ADJUSTABLE)
DETAIL BA1



JAMB BASE ANCHOR (WELDED OR ADJUSTABLE)
DETAIL BA2



DETAIL 'D'
SILL INSTALLATION SIDE VIEW

NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 624#/FT. FOR ASSEMBLIES RATED @150 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3.APPLY CAULK AS NEEDED.
4.HEAD ANCHORING OPTIONS FOR CONCRETE LINTEL SEE SHEET 4

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN: YMF	DATE: 05/20/07
CHECKED	
APPROVED	
ENG. APPVL	10/12/07

SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

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

TITLE STEELCRAFT H SERIES FLUSH SINGLE AND DOUBLE OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING OF 75 PSF OR LESS

SIZE	FLAT	DWG NO.	REV
		3580-1	G

SCALE: NTS | AUTOCAD | SHEET 5 OF 10

TABLE 5.

PERIMETER SEAL HARDWARE WHEN WATER INFILTRATION REQUIREMENT DOES APPLY . Maximum Design Pressure +/-75 PSF. See Sheets 1 & 2

ITEM NUMBER SHT 1. TABLE 1	DESCRIPTION	MODEL No./ MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
16	THRESHOLD with neoprene or bulb gasket	566/ZERO INT'L	'E1'	'W1'
		950/NGP	'E2'	'W2'
17	FAS-SEAL SWEEP	STEELCRAFT	'G'	'W1' & 'W2'
19	SPLIT ASTRAGAL	328/ZERO INT'L	'P1'	'V'
		137/NGP	'P2'	
18 OR 20	SELF ADHESIVE DOOR SEAL	8144S/FS/ZERO INT'L	'H'	'U' & 'T1'
		PS074/STEELCRAFT	'F'	
21	DOOR SWEEP	539/ZERO INT'L	'J1'	'T'
		202N/NGP	'J2'	
22	DOOR SWEEP	139/ZERO INT'L	'K'	'W1'
23	ADJUSTABLE STOP	475/ZERO INT'L	'L1'	'U'
		170N/NGP	'L2'	
24	RAIN DRIP CAP	11/ZERO INT'L	'M1'	'W1'
		16A/NGP	'M2'	'W2'

TABLE 6.

PERIMETER SEAL HARDWARE WHEN WATER INFILTRATION REQUIREMENT DOES NOT APPLY. Maximum Design Pressure +/-150 PSF. See Sheets 1 & 2

ITEM NUMBER SHT. 1 TABLE 1	DESCRIPTION	MODEL No. MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
16	THRESHOLD with neoprene or bulb gasket	566 BY ZERO INT'L	'E1'	'R'
		950 BY NATIONAL GUARD	'E2'	
17	FAS-SEAL DOOR SWEEP	STEELCRAFT	'G'	'R'
19	SPLIT ASTRAGAL	328 BY ZERO	'P1'	'V'
		137 BY NGP	'P2'	
18	PS-074 SELF ADHESIVE WEATHERSTRIPPING	STEELCRAFT	'F'	'Q' & 'S'
25	DOOR TOP CAP	STEELCRAFT	'N'	OPTIONAL

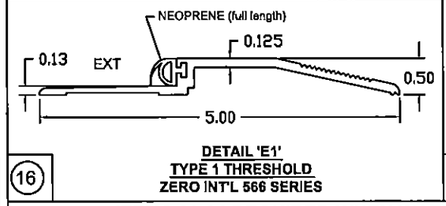
GORDON D. THOMAS LICENSE No. 46718 STATE OF FLORIDA PROFESSIONAL ENGINEER

Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718

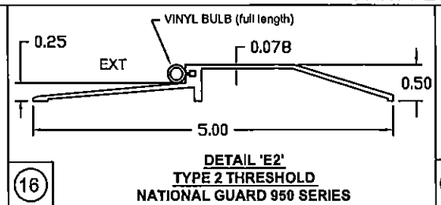
Date 09/24/15

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	YMF	03/13/09	
C	REVISION DWG	YMF	07/16/10	
D	REVISION DWG	YMF	08/05/10	
E	REVISION DWG	YMF	12/06/10	
F	REVISED NAME	JPD	11/01/13	
F	REVISED	JPD	05/05/15	

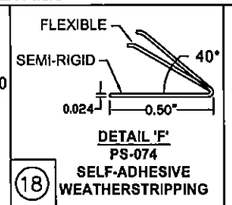
PART DETAILS



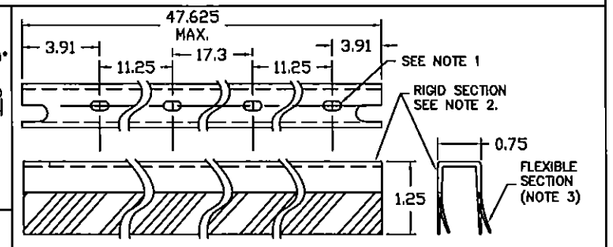
DETAIL 'E1'
TYPE 1 THRESHOLD
ZERO INT'L 566 SERIES



DETAIL 'E2'
TYPE 2 THRESHOLD
NATIONAL GUARD 950 SERIES

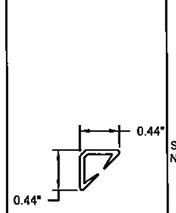


DETAIL 'F'
PS-074
SELF-ADHESIVE
WEATHERSTRIPPING

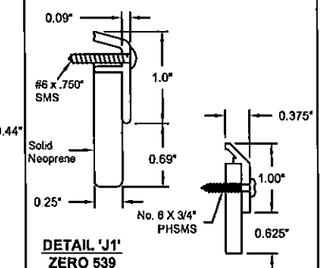


DETAIL 'G'
FAS-SEAL DOOR SWEEP

ITEMS 20-24 REQUIRED WHEN WATER INFILTRATION IS NEEDED

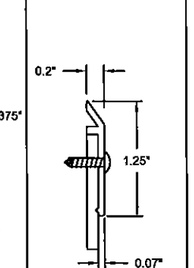


DETAIL 'H'
8144S/FS
DOOR SEAL

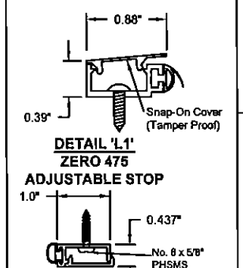


DETAIL 'J1'
ZERO 539
DOOR SWEEP

DETAIL 'J2'
NGP 202
DOOR SEAL

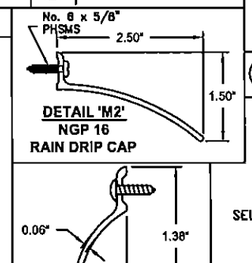


DETAIL 'K'
139
DOOR SWEEP

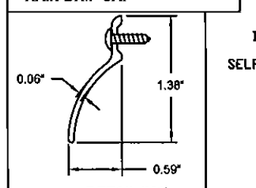


DETAIL 'L1'
ZERO 475
ADJUSTABLE STOP

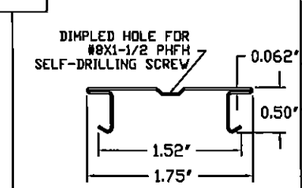
DETAIL 'L2'
NGP 170N
ADJUSTABLE STOP



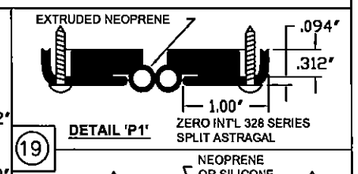
DETAIL 'M2'
NGP 16
RAIN DRIP CAP



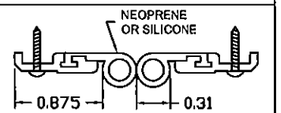
DETAIL 'M1'
ZERO 11
RAIN DRIP CAP



DETAIL 'N'
24 GA TOP CAP

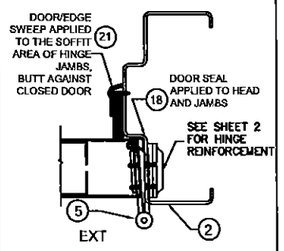


DETAIL 'P1'
ZERO INT'L 328 SERIES
SPLIT ASTRAGAL

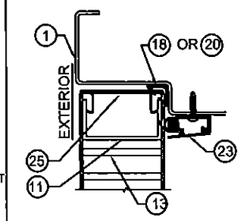


DETAIL 'P2'
NATIONAL GUARD
137 SERIES SPLIT ASTRAGAL

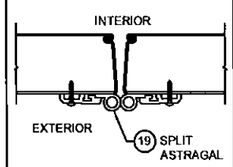
PERIMETER SEAL INSTALLATION DETAILS WHEN WATER INFILTRATION REQUIREMENTS APPLY. Max DP=+/-75 psf SEE SHEET 1



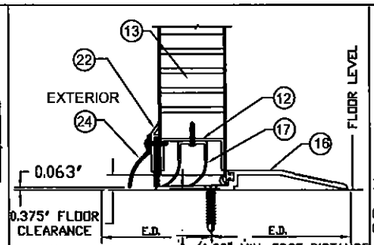
DETAIL 'T'
HINGE JAMB
SWEEP INSTALLATION



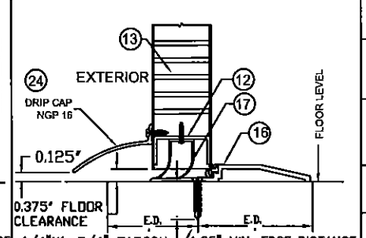
DETAIL 'U'
TOP OF DOOR/HEAD
WEATHERSTRIPPING
WHEN WATER INFILTRATION
REQUIREMENTS APPLY



DETAIL 'V'
MEETING EDGES
SPLIT ASTRAGALS

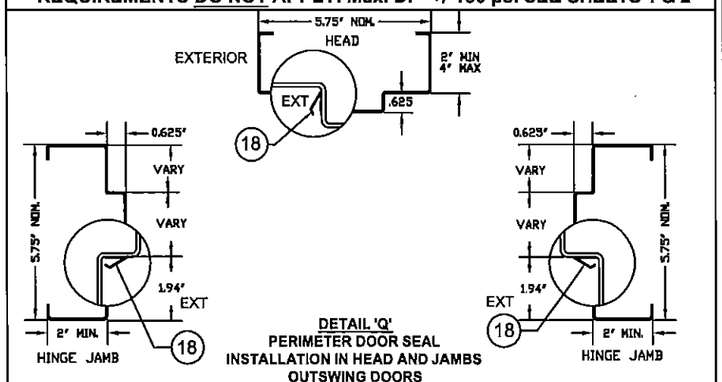


DETAIL 'W1'
BOTTOM OF DOOR ZERO
WEATHERSTRIPPING AND SILL INSTALLATION

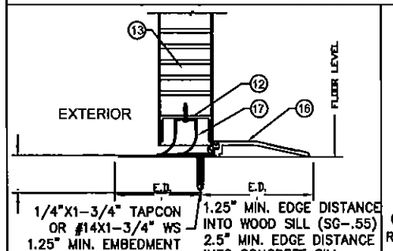


DETAIL 'W2'
BOTTOM OF DOOR NGP
WEATHERSTRIPPING AND SILL INSTALLATION

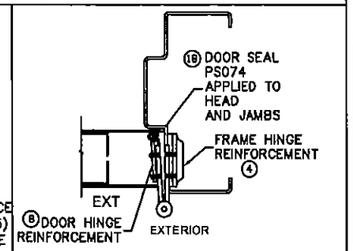
PERIMETER SEAL INSTALLATION DETAILS WHEN WATER INFILTRATION REQUIREMENTS DO NOT APPLY. Max. DP=+/-150 psf SEE SHEETS 1 & 2



DETAIL 'Q'
PERIMETER DOOR SEAL
INSTALLATION IN HEAD AND JAMBS
OUTSWING DOORS



DETAIL 'R'
BOTTOM OF DOOR
WEATHERSTRIPPING AND SILL INSTALLATION



HINGE DETAIL 'S'
HINGE SIDE
WEATHERSTRIPPING INSTALLATION

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 15-0930.03
Expiration Date 5/5/20
By: Ishan L. Chanda
Miami-Dade Product Control

NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
4. FAS-SEAL DOOR SWEEP (17), AND THRESHOLD (16) ARE REQUIRED FOR ALL INSTALLATIONS.

BEND RADIUS

THIRD ANGLE PROJECTION

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

SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

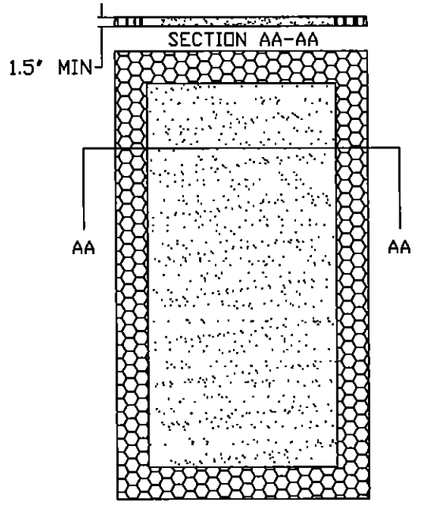
MANUFACTURING FACILITY:
STEELCRAFT
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

TITLE STEELCRAFT H SERIES SINGLE AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

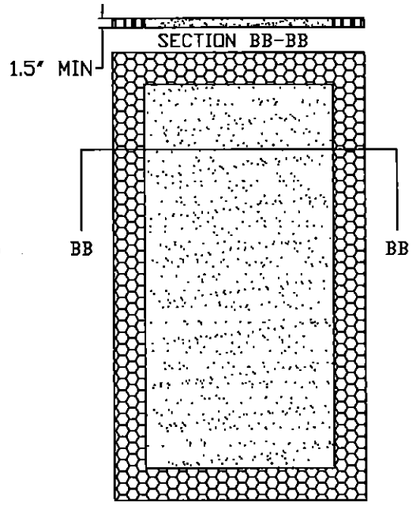
SINGLE AND DOUBLE FLUSH DOOR PERIMETER SEAL HARDWARE.

SIZE	FLAT	DWG NO.	REV
		3580-1	G
SCALE: NTS	AUTOCAD		SHEET 6 of 10

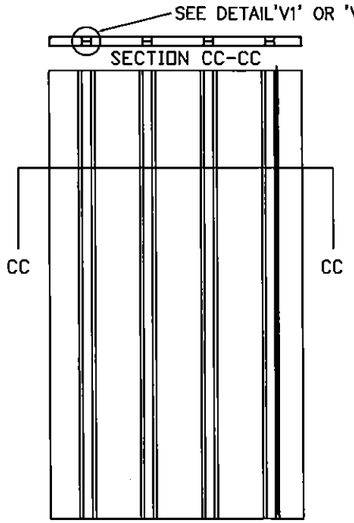
REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	02/03/14	
B	REVISED	JPD	05/05/15	



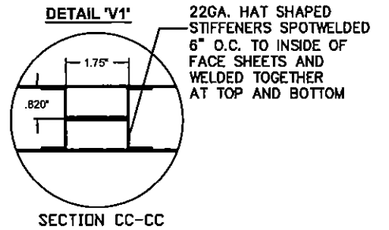
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT^3

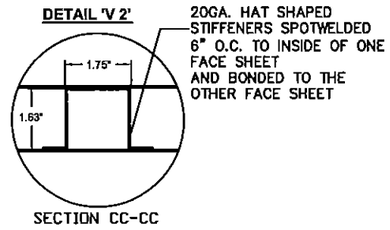


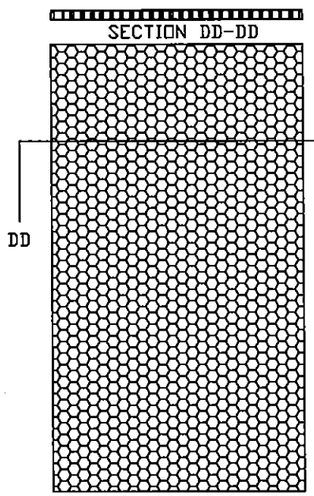
(B) POLYISOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN.
DENSITY: 2 LBS/FT^3



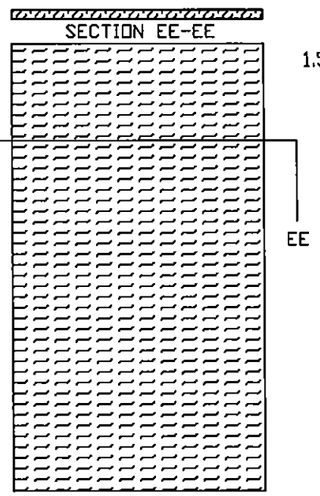
(C) STEEL STIFFENED
HAT SHAPED SECTIONS



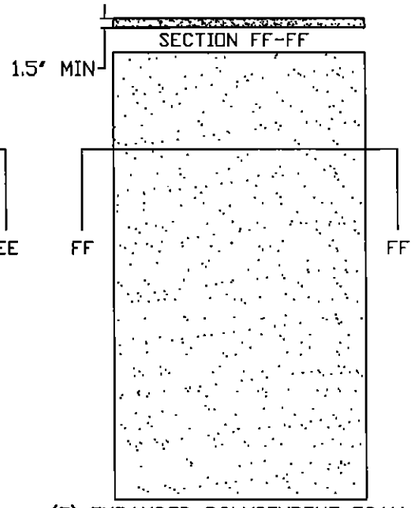




(D) HONEYCOMB
KRAFT PAPER.



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



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

NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

GORDON D. THOMAS
LICENSE
No. 46718
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Gordon Thomas, PE
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0930.03
Expiration Date 5/5/20
By [signature]
Miami Dade Product Control

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN: JPD	DATE: 02/03/14
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 AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

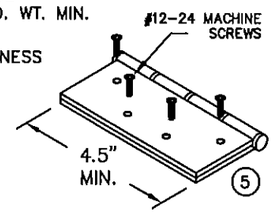
DOOR CORE OPTIONS

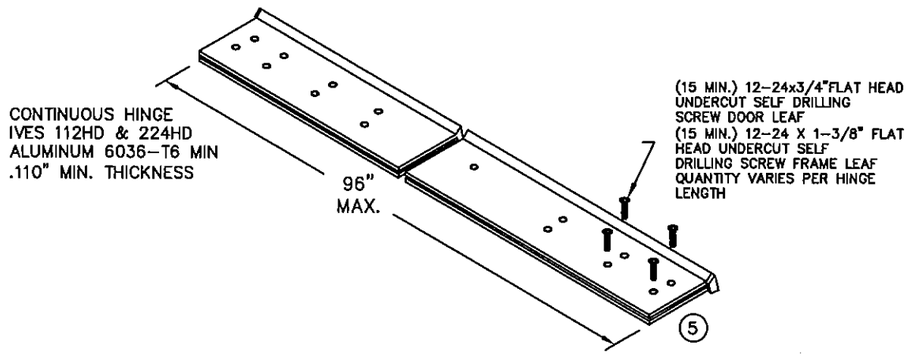
SIZE	FLAT	DWG NO.	REV
		3580-1	B

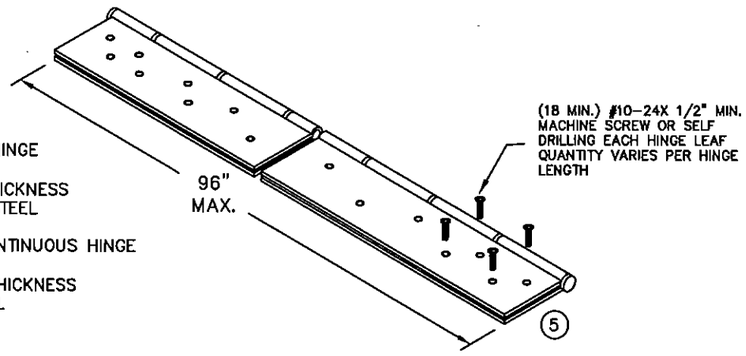
SCALE: NTS | AUTOCAD | SHEET 7 of 10

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/03/14	

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

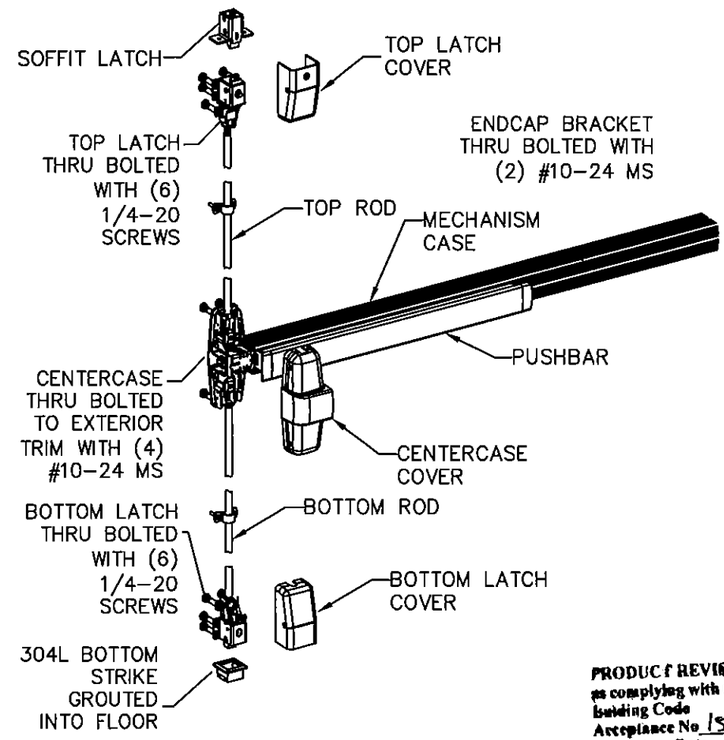






CONTINUOUS HINGE NOTES:
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS

(15) **SURFACE VERTICAL ROD EXIT DEVICE**
WS98/9927(F) BY VON DUPRIN



PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 15-0930.03
Expiration Date 5/5/20
By [signature]
Miami-Dade Product Control

GORDON D. THOMAS
LICENSE
No. 46718
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/20/18
Gordon Thomas Date
3750 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	DATE
JPD	02/03/14
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 AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

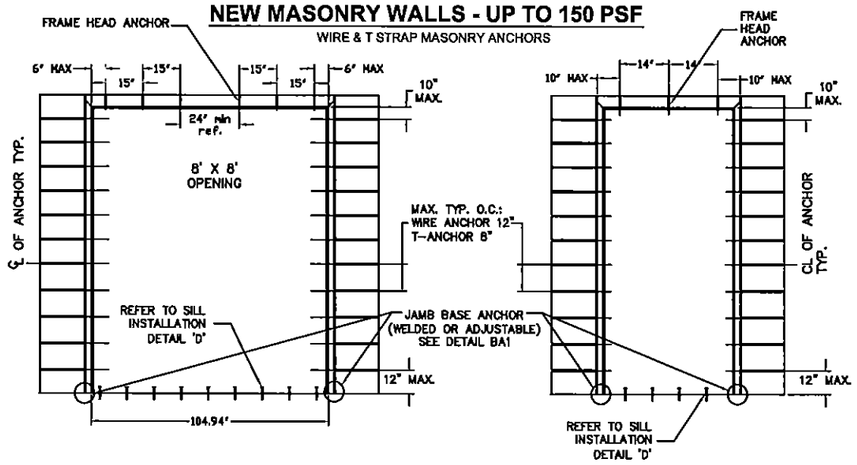
EXIT DEVICE AND HINGE OPTIONS

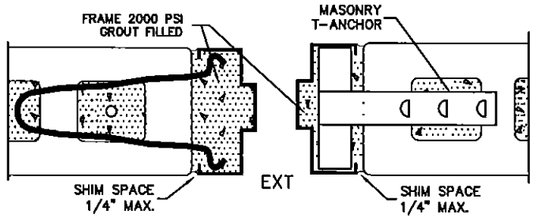
SIZE	FLAT	DWG NO.	REV
		3580-1	A

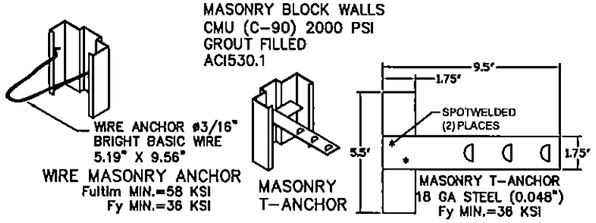
SCALE: NTS | AUTOCAD | SHT 8 OF 10

NEW MASONRY WALLS - UP TO 150 PSF

WIRE & T STRAP MASONRY ANCHORS

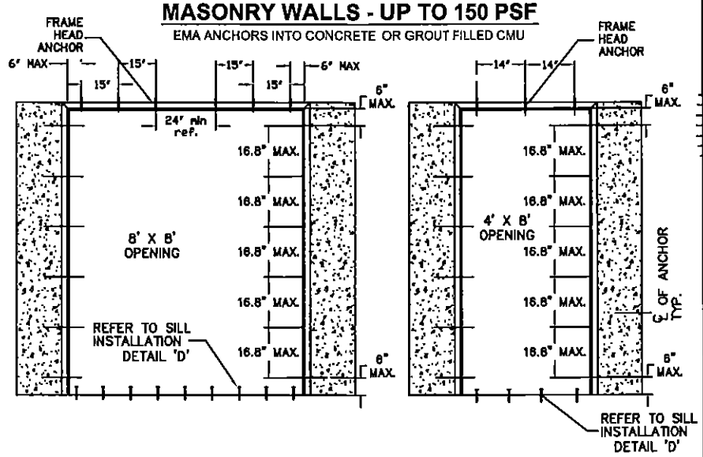


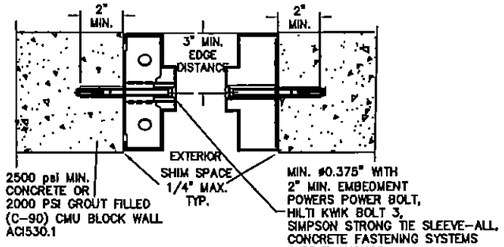


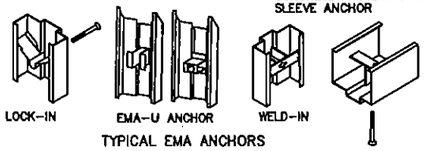


MASONRY WALLS - UP TO 150 PSF

EMA ANCHORS INTO CONCRETE OR GROUT FILLED CMU

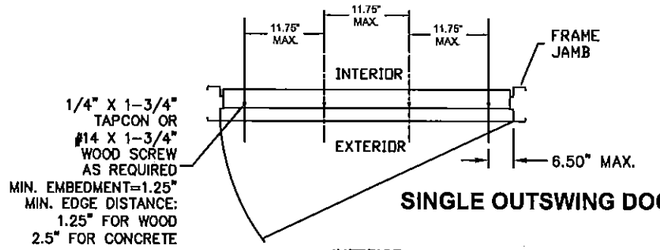




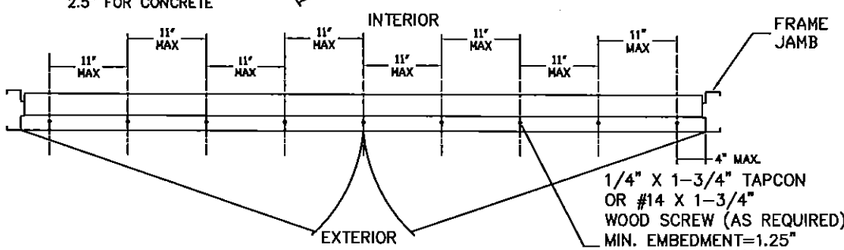


TYPICAL EMA ANCHORS

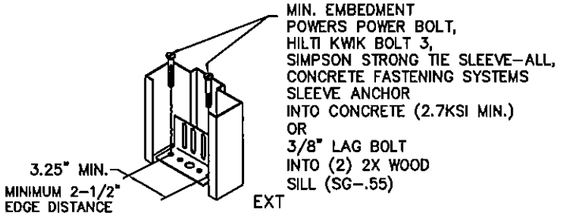
DETAIL 'D'
SILL INSTALLATION



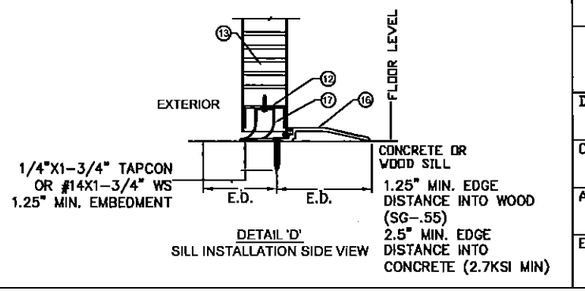
SINGLE OUTSWING DOORS



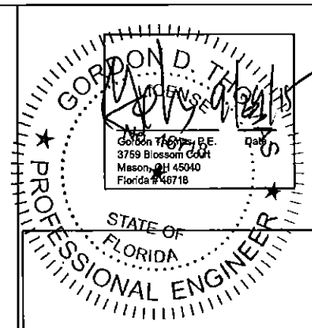
DOUBLE OUTSWING DOORS



JAMB BASE ANCHOR
(WELDED OR ADJUSTABLE)
DETAIL BA1



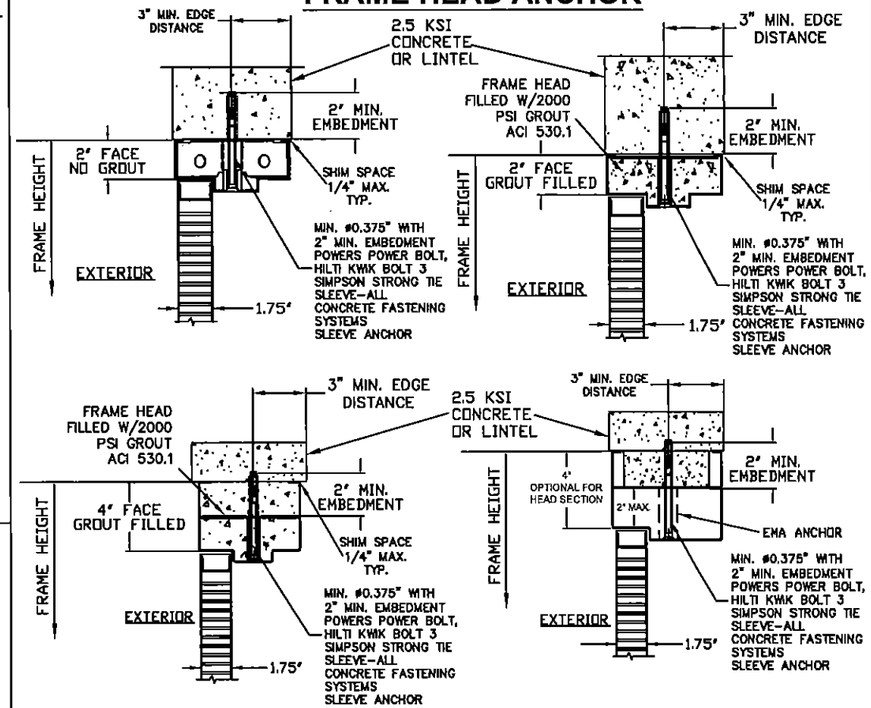
DETAIL 'D'
SILL INSTALLATION SIDE VIEW



REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	05/05/15	

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0930.03
Expiration Date 5/5/20
Miami Dade Product Control

FRAME HEAD ANCHOR



NOTES:

1. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
2. APPLY CAULK AS NEEDED.
3. HEAD ANCHORING CMU/LINTEL OPTIONS SHOWN, FOR WOOD APPLICATIONS SEE SHEET 10

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	YMF	05/20/07
CHECKED		
APPROVED		
ENG. APPVL		10/12/07

SCHLAGE LOCK COMPANY, LLC
6810 HILLSADLE COURT
INDIANAPOLIS, IN 46250

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

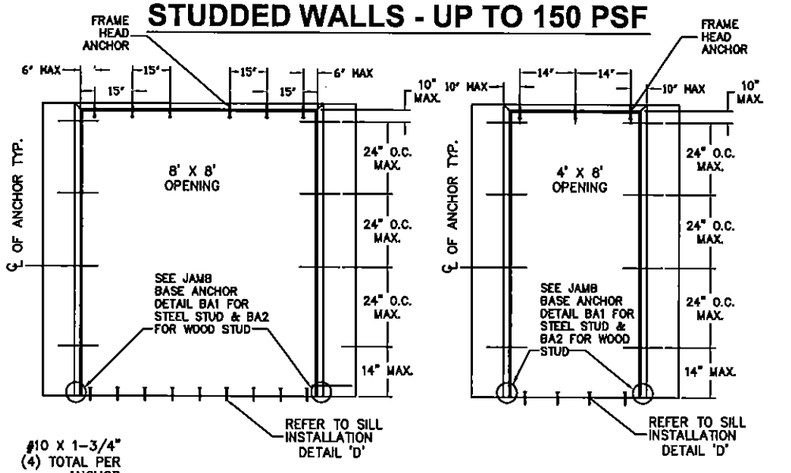
TITLE STEELCRAT H SERIES SINGLE AND DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

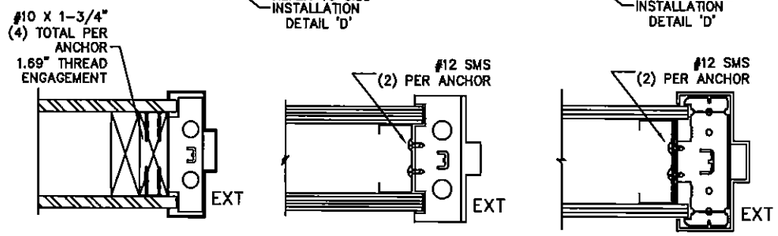
ANCHOR DETAILS / INSTALLATION CONDITIONS
FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING
GREATER THAN 75 PSF UP TO AND INCLUDING 150 PSF

SIZE	FLAT	DWG NO.	REV
		3580-1	A

SCALE: NTS | AUTOCAD | SHEET 9 OF 10

STUDDED WALLS - UP TO 150 PSF

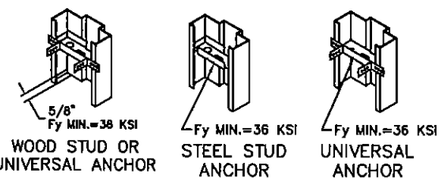




*WOOD STUD WALLS SEE NOTE 1.

*STEEL STUD WALLS SEE NOTE 1.

*STEEL STUD WALLS. SEE NOTE 1.

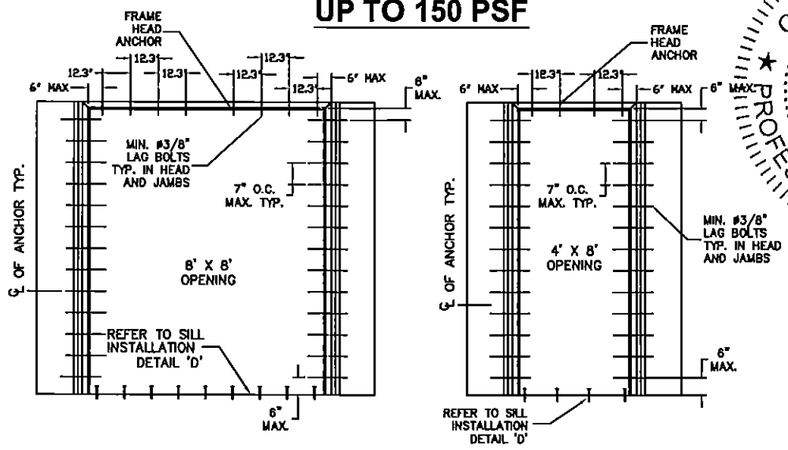


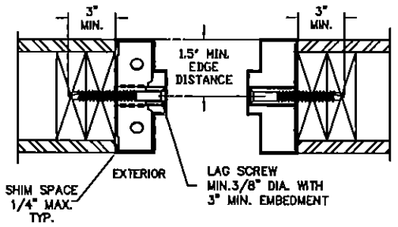
WOOD STUD OR UNIVERSAL ANCHOR

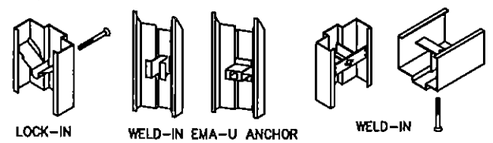
STEEL STUD ANCHOR

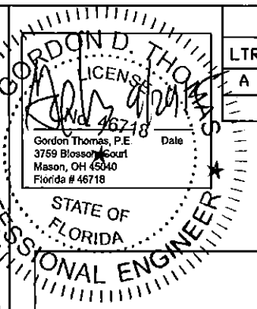
UNIVERSAL ANCHOR

LAG SCREW INTO WOOD STUD WALL UP TO 150 PSF





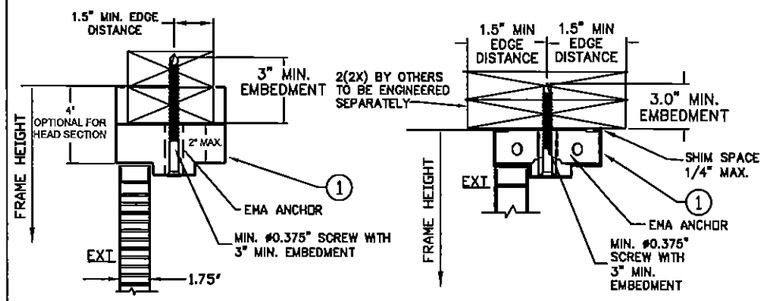




REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	APPROVAL DWG	JPD	05/05/15	

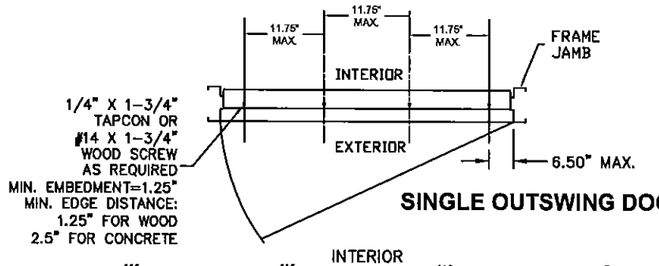
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 15-0930.03
Expiration Date May 05, 2020
By Ichael I. Church
Mi ami Dade Product Control

FRAME HEAD ANCHOR

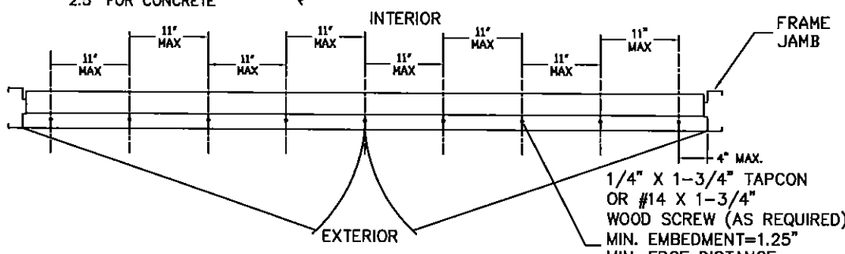


NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 624#/FT. FOR ASSEMBLIES RATED @150 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3.APPLY CAULK AS NEEDED.
4.HEAD ANCHORING OPTIONS FOR CONCRETE LINTEL SEE SHEET 9

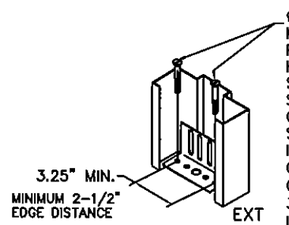
DETAIL 'D' SILL INSTALLATION



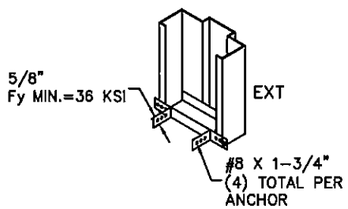
SINGLE OUTSWING DOORS



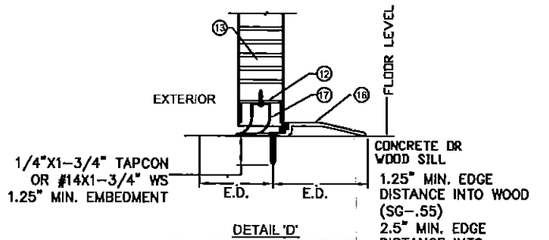
DOUBLE OUTSWING DOORS



JAMB BASE ANCHOR (WELDED OR ADJUSTABLE) DETAIL BA1



JAMB BASE ANCHOR (WELDED OR ADJUSTABLE) DETAIL BA2



DETAIL 'D' SILL INSTALLATION SIDE VIEW

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN	YMF	DATE 05/20/07
CHECKED		
APPROVED		
ENG. APPVL		10/12/07

SCHLAGE LOCK COMPANY, LLC
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TITLE STEELCRAFT H SERIES FLUSH SINGLE AND DOUBLE OUTSWING COMMERCIAL STEEL DOORS WITH VERTICAL ROD EXIT DEVICE

ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING GREATER THAN 75 PSF UP TO AND INCLUDING 150 PSF

SIZE	FLAT	DWG NO.	REV
		3580-1	A
SCALE: NTS	AUTOCAD		SHEET 10 OF 10