



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
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/building/home/asp](http://www.miamidade.gov/building/home/asp)

## NOTICE OF ACCEPTANCE (NOA)

Ingersoll-Rand  
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 BNC -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. BNC 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: IR Series "H" Double Flush Outswing Commercial Steel Doors w/ VR Panic Exit Devices

**APPROVAL DOCUMENT:** Drawing No. Drawing No "3580-1", titled "Commercial Steel H-series Doors", sheets 1 through 6 of 6, prepared by the manufacturer, dated 03-13-09 and last revised on 04/12/11, signed and sealed by Thomas Gordon, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

#### Limitation:

1. See Design Pressures and Water infiltration limitation on sheets 1 & 5 of the drawings.
2. Expanded foam core options (A, B & F) in sheet 6 is limited to EPS by Huntsman Chemical Corp and Polyisocyanurate -H200 (polyurethane) by Elliott Co.
3. Electrical/Electronic function is 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, city, state and Series/Model 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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



4/14/11

NOA No 09-0528.06  
Expiration Date: April 14, 2016  
Approval Date: April 14, 2011

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. Drawing No "3580-1", titled "Commercial Steel H-series Doors", sheets 1 through 6 of 6, prepared by the manufacturer, dated 03-13-09 and last revised on 04/12/11, signed and sealed by Thomas Gordon, P.E.

**B. TESTS**

1. 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 outswing 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.

2. Additional test reports (from NOA file #10-0209.06)

- 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94.
- 2) Water Resistance Test per FBC TAS 202-94 (11.25 psf=+75psf)

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- 210-3044-1**, dated August 31, 2004, **NCTL- 210-3549-1**, dated August 26, 2008 and **NCTL- 210-3511-1** dated 04/09/08, all signed and sealed by Gerard J. 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, dtd Feb. 04, 2009, signed & sealed by Gerard J. Ferrara, P. E.

**C. CALCULATIONS**

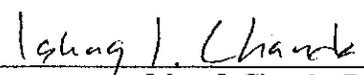
1. Anchor verification calculations complying with FBC-2007 & Evaluation report, prepared dated 04/26/09, signed and sealed by Gordon Thomas, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

**E. MATERIAL CERTIFICATIONS**

1. 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.



**Ishaq I. Chanda, P.E.**  
**Product Control Examiner**  
**NOA No 09-0528.06**

**Expiration Date: April 14, 2016**  
**Approval Date: April 08, 2011**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS (continue:)**

1. Test Report No. **03NK2370/R145081**, January 21, 2003, issued by Underwriters laboratories Inc for "Surface Burning Characteristics of Building material" per ASTM E84-00a and self Ignition per ASTM1929D for "Elfoam H200", issued to Elliott Co. of Indianapolis Inc.
3. Test Report No. **NER-384**, reissued dated May 01, 1994, issued by National Evaluation Service Inc to Huntsman Chemical Corporation for "Expanded Polystyrene EPS" for grade 86 & grade 54 for "Surface Burning Characteristics of Building material" per ASTM E 84.
4. Test Report No. **9691**, dated August 28, 1987, 1994, issued by United Testing Company Inc. to Huntsman Chemical Corporation for "Expanded Polystyrene EPS" for grade 86 & 54 for "Self Ignition Temperature Test" per ASTM D-1929.

**F. STATEMENTS**

2. Letter of conformance to FBC 2007 & "No financial interest" dated 05/04/09, signed and sealed by Gordon Thomas, P.E.
3. Statement letter of Lab compliance, as part of the above referenced test reports.

**G. OTHER**

1. Consolidated reference NOA # 10-0209.06.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 09-0528.06

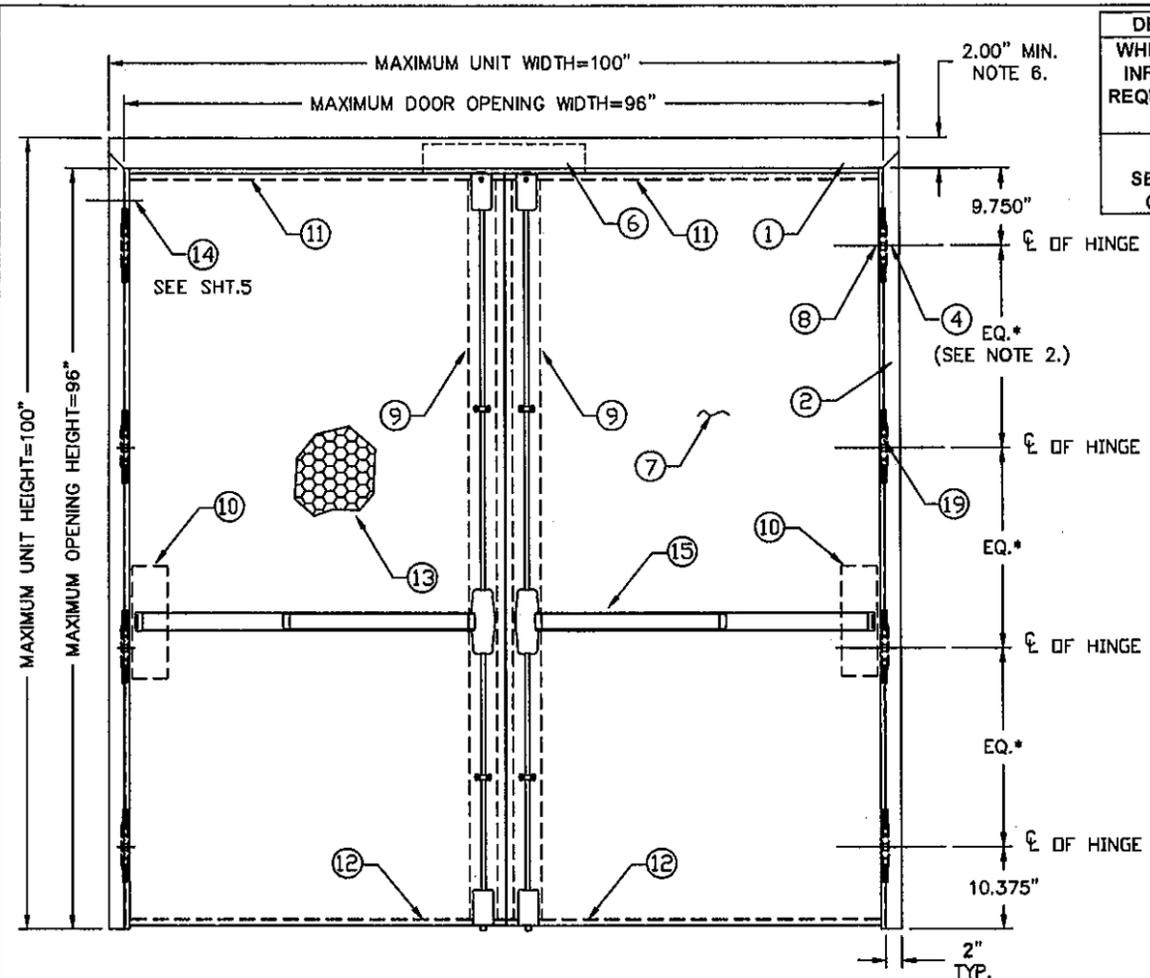
Expiration Date: April 14, 2016

Approval Date: April 08, 2011

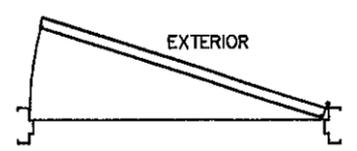
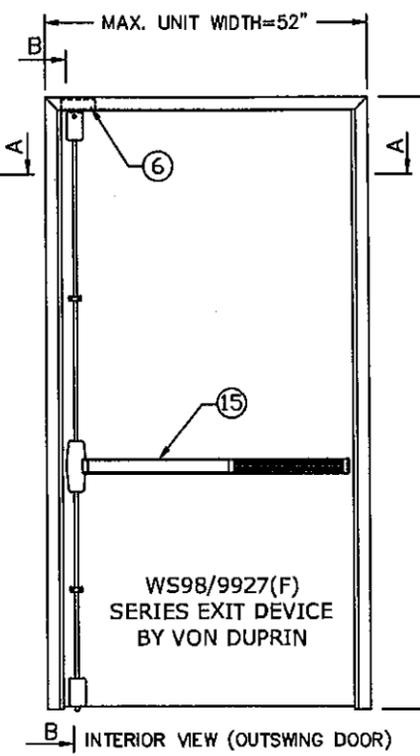
DESIGN PRESSURE RATING, PSF	
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
<b>±75</b> SEE TABLE 5 ON SHT. 5	<b>±150</b> SEE TABLE 6 ON SHT. 5

LARGE MISSILE IMPACT RATING		
FBC SECTION	TEST STANDARD	IMPACT
1609/1626 HVHZ	FBC TAS 201/203	9 LBS @ 34 MPH (50 FPS)

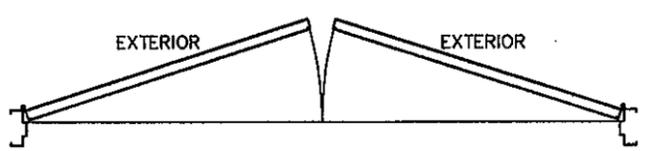
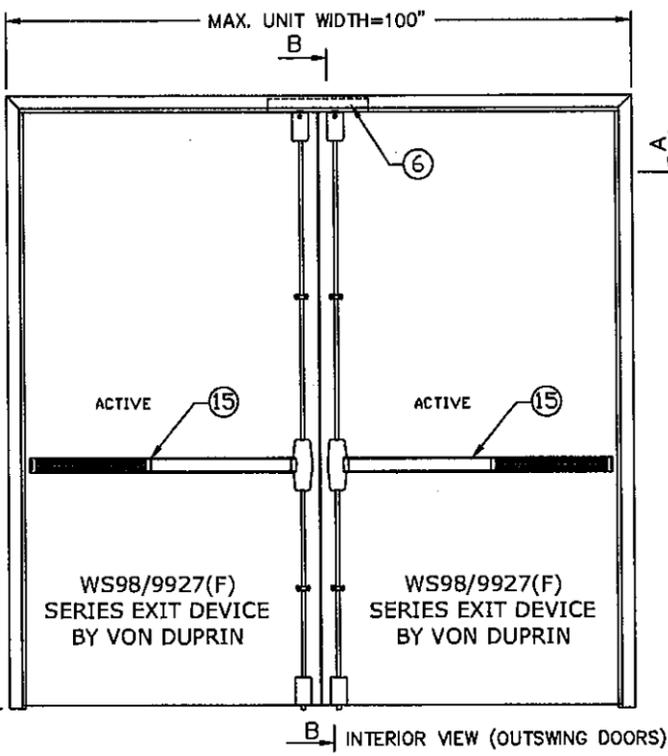
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	NEW APPROVAL	YMF	03/13/09	
B	REVISION DWG	YMF	01/19/10	
C	REVISION DWG	YMF	03/31/10	
D	REVISION DWG	YMF	08/05/10	
E	REVISION DWG	YMF	12/06/10	



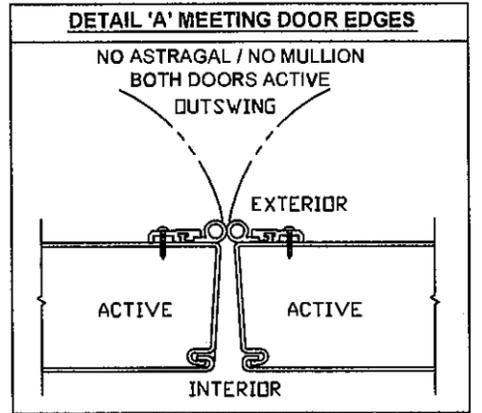
**SINGLE OUTSWING DOORS**



**DOUBLE OUTSWING DOORS**



Approved as complying with the Florida Building Code  
 Date: APR 14, 2011  
 NOAH 09-0528-06  
 Miami Date Product Control  
 By: [Signature]



ITEM	SINGLE / DOUBLE OPENING B.O.M.		DESCRIPTION	MATERIAL	TABLE 1. REF.
	Single	Double			
1	1	1	HEAD SECTION (up to 100" long)	.053" MIN. STL.	ASTM A366
2	1	2	HINGE JAMB	.053" MIN. STL.	ASTM A366
3	1	0	STRIKE JAMB	.053" MIN. STL.	ASTM A366
4	4	8	FRAME HINGE REINFORCEMENT	.171" MIN. STL.	ASTM A621
5	4	8	HINGE	.134" MIN. STL.	SHT. 2
6	1	1	HEAD REINFORCEMENT	.067" MIN. STL.	SHT. 2
7	1	2	DOOR SLAB	.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. 6
14	NOTE 2	NOTE 2	FRAME ANCHOR	VARY	ASTM A924
15	1	2	LOCKING HARDWARE: WS98/9927(F) EXIT DEVICE BY VON DUPRIN		SHT. 3
16	1	1	THRESHOLD 950 BY NGP	.078" ALUM.	SHT. 5
			THRESHOLD 566 BY ZERO INT'L	6063 T5	
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 5	96" MAX
20	1	1	DOOR SEAL (FULL LENGTH)	SHEET 5	
21	1	2	DOOR SWEEP	SHEET 5	96" MAX
22	1	2	DOOR SWEEP	SHEET 5	48" MAX
23	1	2	ADJUSTABLE STOP	TPE	48" MAX

- NOTES:
- WEATHERSTRIPPING - INSTALL PER SHT.5.
  - ANCHOR REQUIREMENTS: SEE SHEET 4 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS. WHEN FOUR-SIDED FRAME IS USED SILL FRAME SECTION ANCHORED PER SILL DETAIL.
  - HINGE REQUIREMENTS:
    - MIN. (4) HINGES FOR DOOR OPENING OVER 90" - 96" HIGH
    - LOCATIONS: 9.75" FROM RABBIT IN HEAD TO CL OF TOP HINGE
    - 10.38" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.
  - SEE SHEET 3 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
  - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
  - 4" FACE HEAD IS AVAILABLE.
  - APPLY CAULK AS NEEDED.
  - SEE SHEET 2 FOR SECTION A-A AND B-B.
  - EXIT HARDWARE OPTIONS: FUNCTIONS E, RX, LX, SS, EL, CX, F (SEE NOTE 10)
  - TRIM: ALL APPLICABLE TRIMS AVAILABLE.
  - ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
  - 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
  - ITEMS 20 THROUGH 24 REQUIRED ONLY IF WATER INFILTRATION IS NEEDED.
  - AIR INFILTRATION (THERMAL EFFICIENCY) IS NOT PART OF THIS APPROVAL.

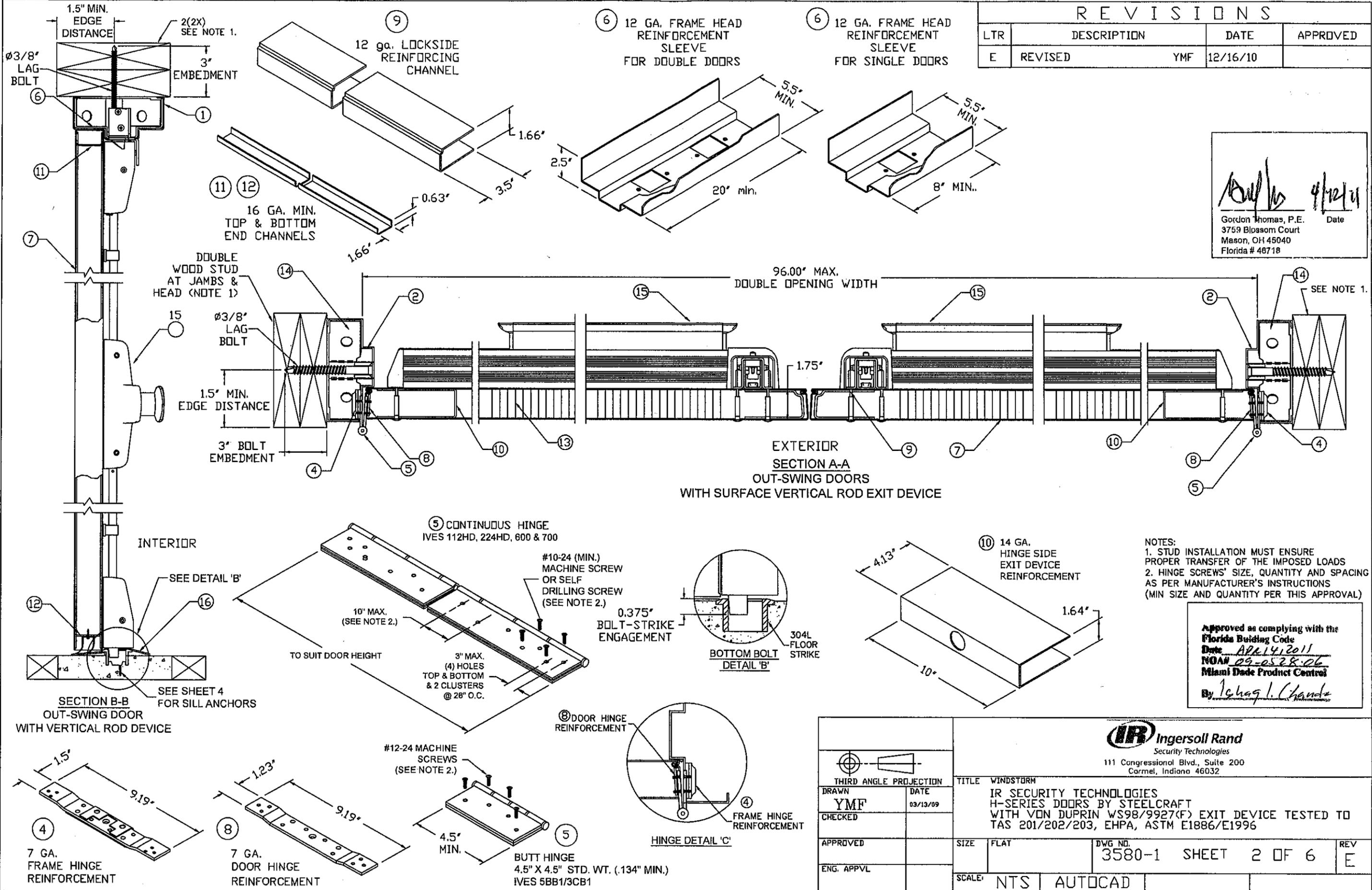
[Signature] 4/12/11  
 Gorddy Thomas, P.E. Date  
 3759 Blossom Court  
 Mason, OH 45040  
 Florida # 46718

DRAWN <b>YMF</b>	DATE 03/13/09	TITLE <b>WINDSTORM</b>	
CHECKED	APPROVED	IR SECURITY TECHNOLOGIES OUTSWING COMMERCIAL STEEL H-SERIES DOORS BY STEELCRAFT WITH VON DUPRIN WS98/9927(F) EXIT DEVICE TESTED TO HVHZ TAS 201/202/203	
ENG. APPVL	SIZE FLAT	DWG NO. 3580-1	REV E
SCALE: NTS		AUTOCAD	
SHEET 1 OF 6		SHEET 1 OF 6	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
E	REVISED	YMF 12/16/10	

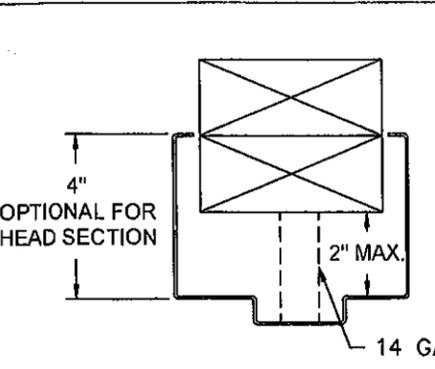
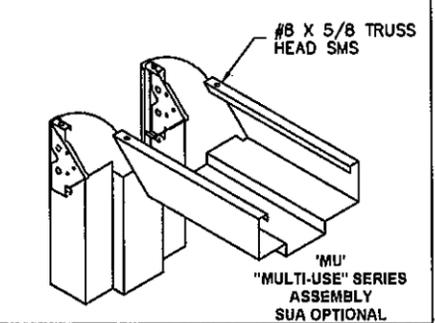
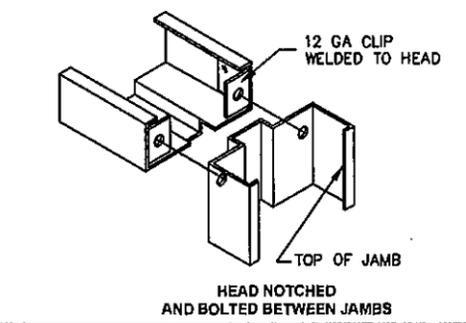
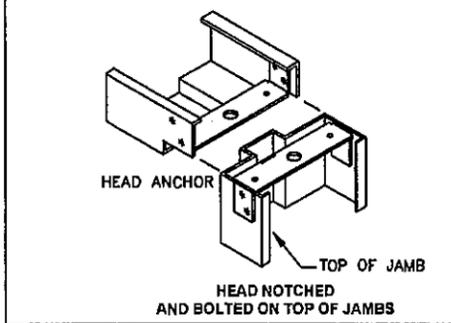
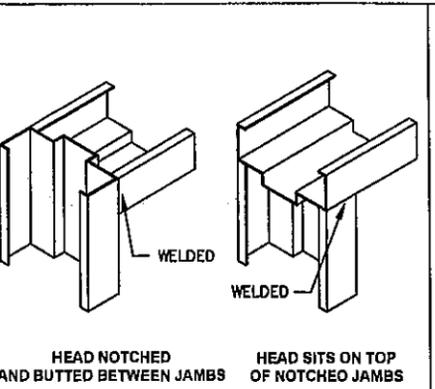
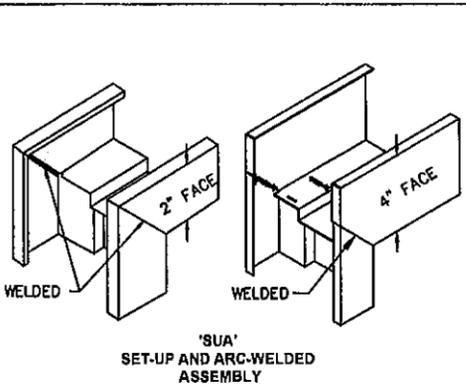
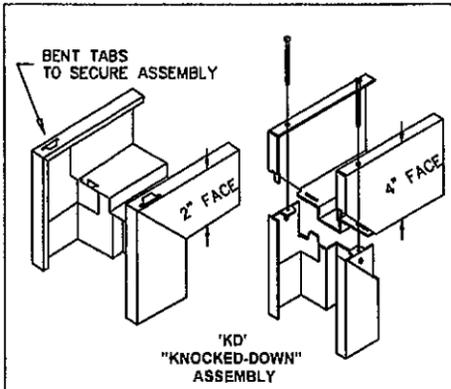
*Gordon Thomas*  
 Gordon Thomas, P.E. Date  
 3759 Blossom Court  
 Mason, OH 45040  
 Florida # 48718



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

Approved as complying with the Florida Building Code  
 Date APR 14 2011  
 NOAH 09-0528-06  
 Miami Dade Product Control  
 By *Isaac I. Chanda*

 THIRD ANGLE PROJECTION		<b>IR Ingersoll Rand</b> Security Technologies 111 Congressional Blvd., Suite 200 Carmel, Indiana 46032	
DRAWN <b>YMF</b>	DATE 03/13/09	TITLE WINDSTORM IR SECURITY TECHNOLOGIES H-SERIES DOORS BY STEELCRAFT WITH VON DUPRIN WS98/9927(F) EXIT DEVICE TESTED TO TAS 201/202/203, EHPA, ASTM E1886/E1996	
CHECKED	APPROVED	SIZE FLAT	DWG NO. 3580-1 SHEET 2 OF 6
ENG. APPVL	SCALE: NTS AUTOCAD	REV E	



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

*[Signature]* 9/12/11  
Date

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		

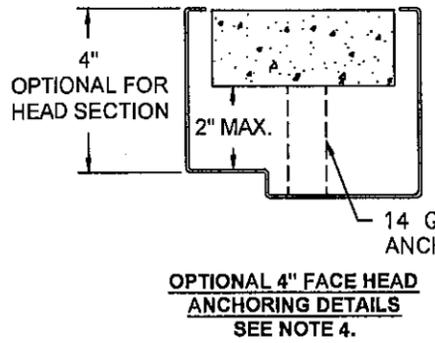


TABLE 2. AVAILABLE DOOR CONFIGURATIONS

CORE MATERIAL PER SHT.6	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	SNGL-4'0"	8'0"	CRS GALV	16/.053"
	DBL-8'0"	8'0"	CRS GALV	14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	SNGL-4'0"	8'0"	STAINLESS STEEL	16/.053"
	DBL-8'0"	8'0"	STAINLESS STEEL	16/.053"

MINIMUM YIELD STRENGTH = 30,100 PSI  
MINIMUM TENSILE STRENGTH = 44,700 PSI

TABLE 3. AVAILABLE FRAME CONFIGURATIONS

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

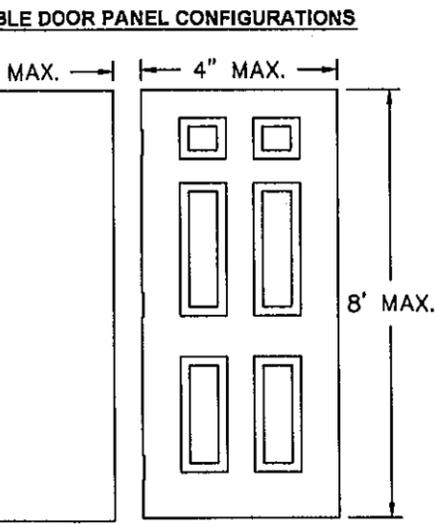
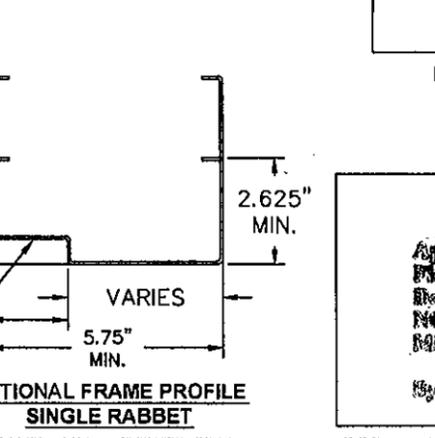
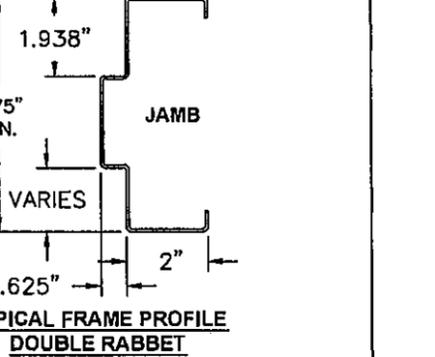
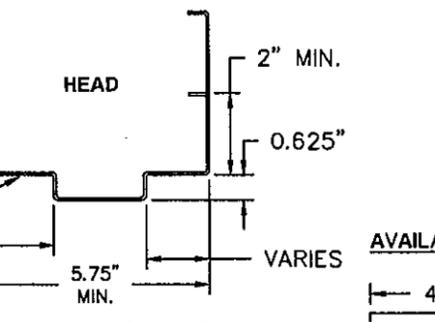
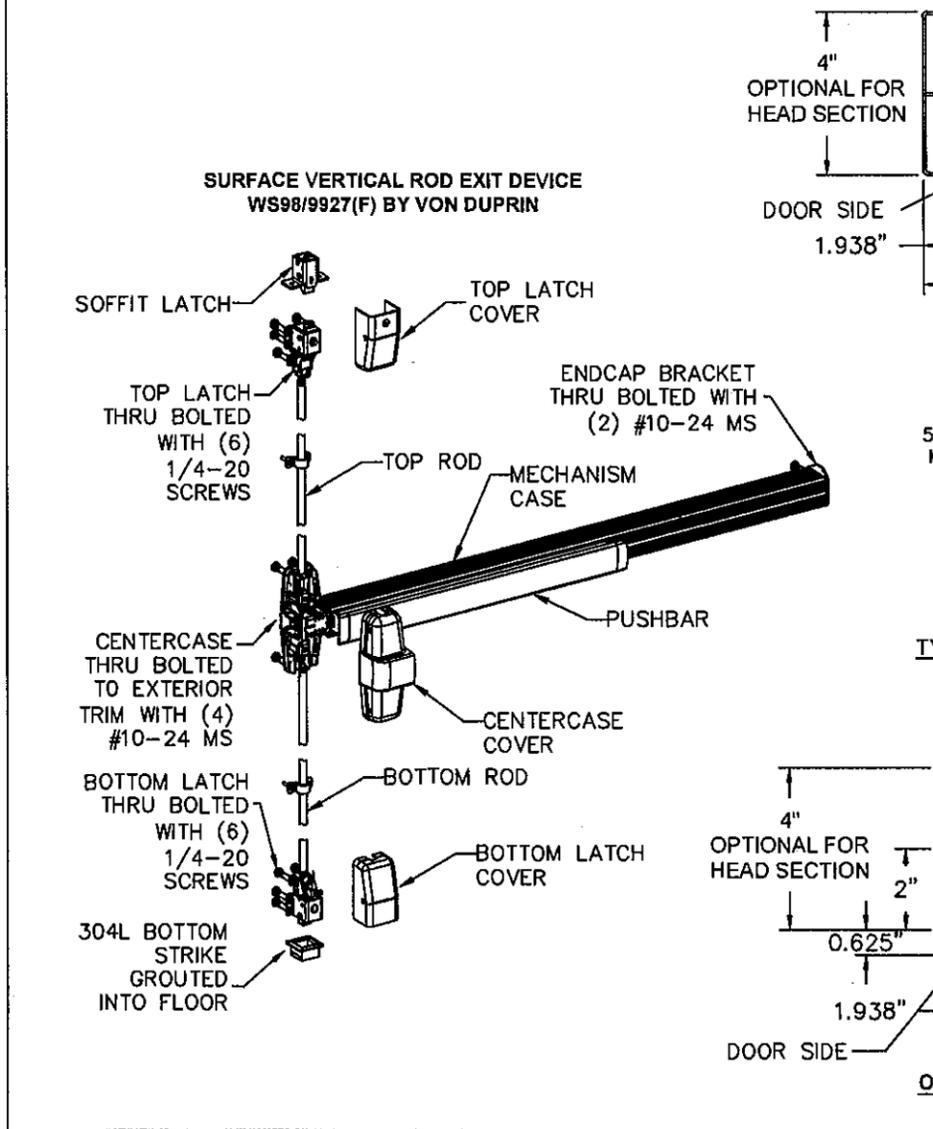


TABLE 4.

CRS ASTM A1008
HRS ASTM A1011
GALV: A60 ASTM A924
STL: 304,306 ASTM A240

NOTES:

- DOOR CONSTRUCTION
  - MINIMUM DOOR THICKNESS - 1 3/4"
  - MAXIMUM DOOR SIZE IS 4' X 8' FOR SINGLE AND 8' X 8' FOR DOUBLE OPENING
  - PEEP-HOLES AND 1" DIA. DOOR VIEWERS ARE ALLOWED
- FRAME CONSTRUCTION
  - MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
  - FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE 3)
- FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 4.
- IN CASE OF 4" FACE HEAD PROFILE, HEAD MUST BE EITHER GROUTED WITH MORTAR OR A SUBSTRATE TO BE INSERTED TO MAINTAIN PROPER BOLT EMBEDMENT. USE EMA (EXISTING MASONRY ANCHOR) PER SHEET 4 OF 6.

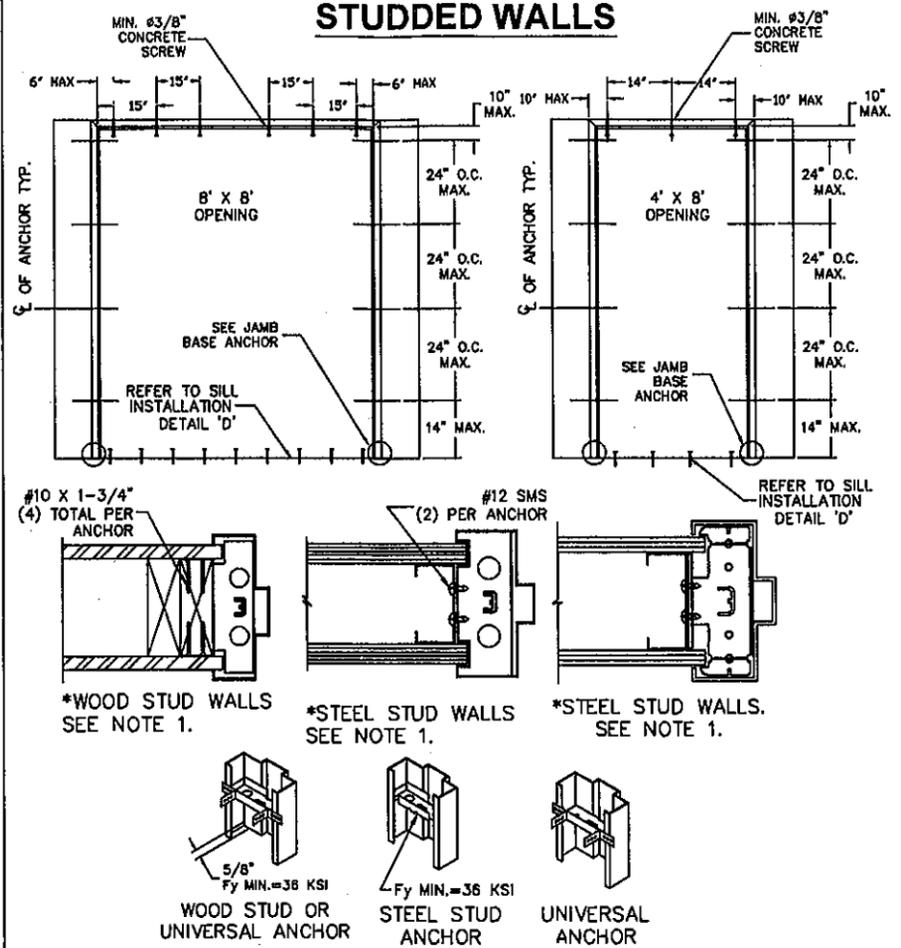
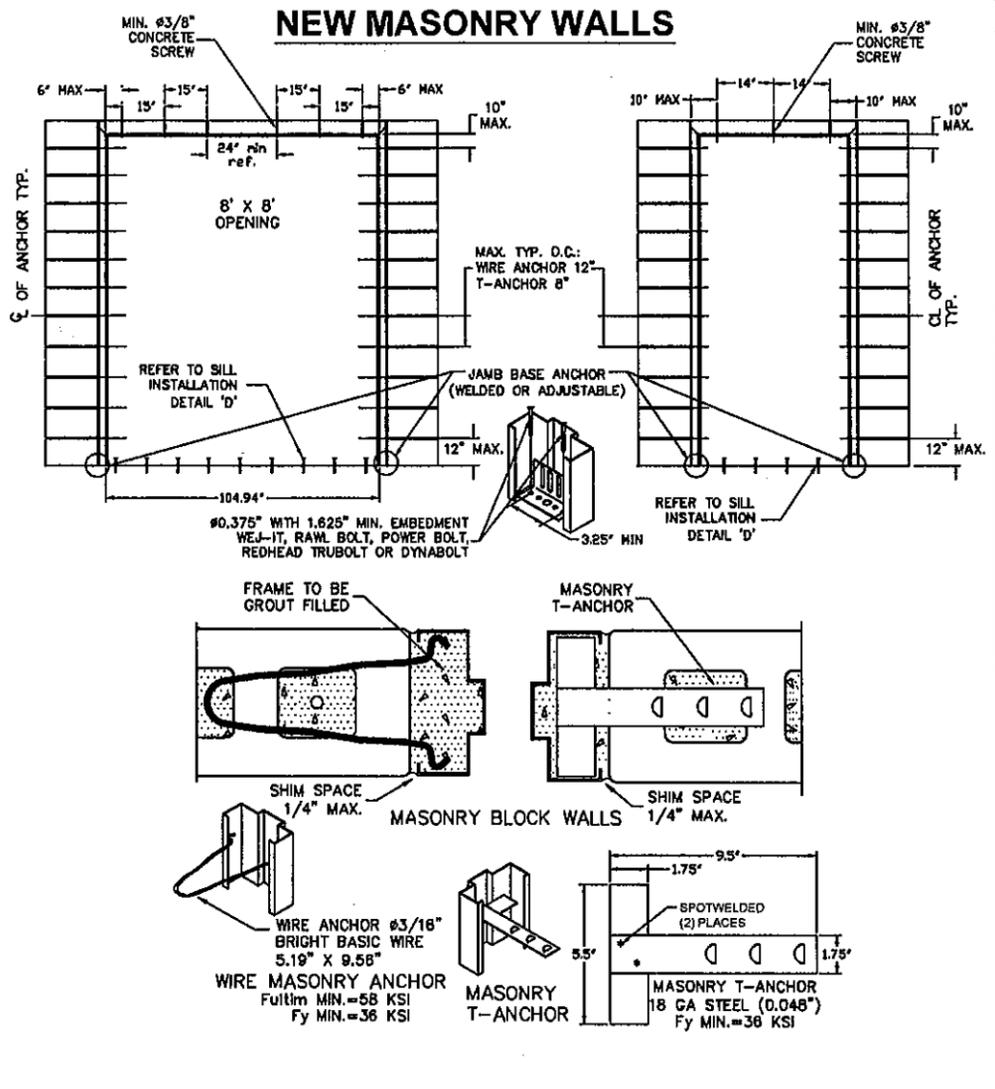
Approved as complying with the Florida Building Code  
Date: APR 14, 2011  
NOA: 09-0528-06  
Release Date Product Control  
*[Signature]*

BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN	DATE
YMF	05/20/07
CHECKED	
APPROVED	
ENG. APPVL	DATE
JPD	10/12/07

**IR** Ingersoll Rand  
Security Technologies

TITLE MIAMI-DADE PRODUCT APPROVAL  
FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS

SIZE	FLAT	DWG NO.	3580-1	REV	E
SCALE:	NTS	AUTOCAD		SHEET	3 of 6

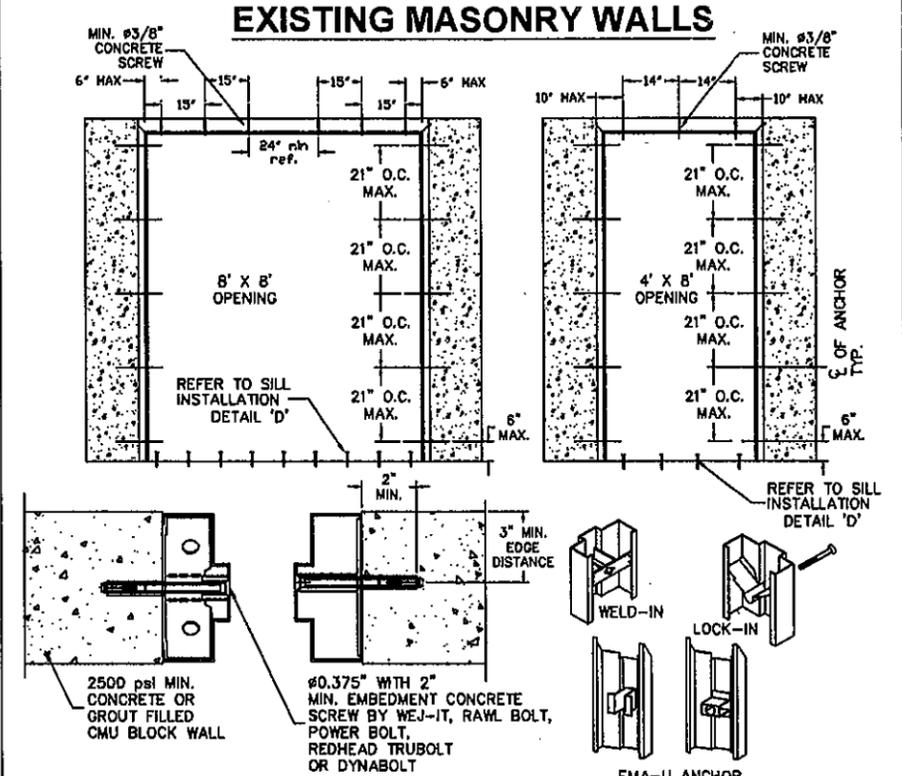
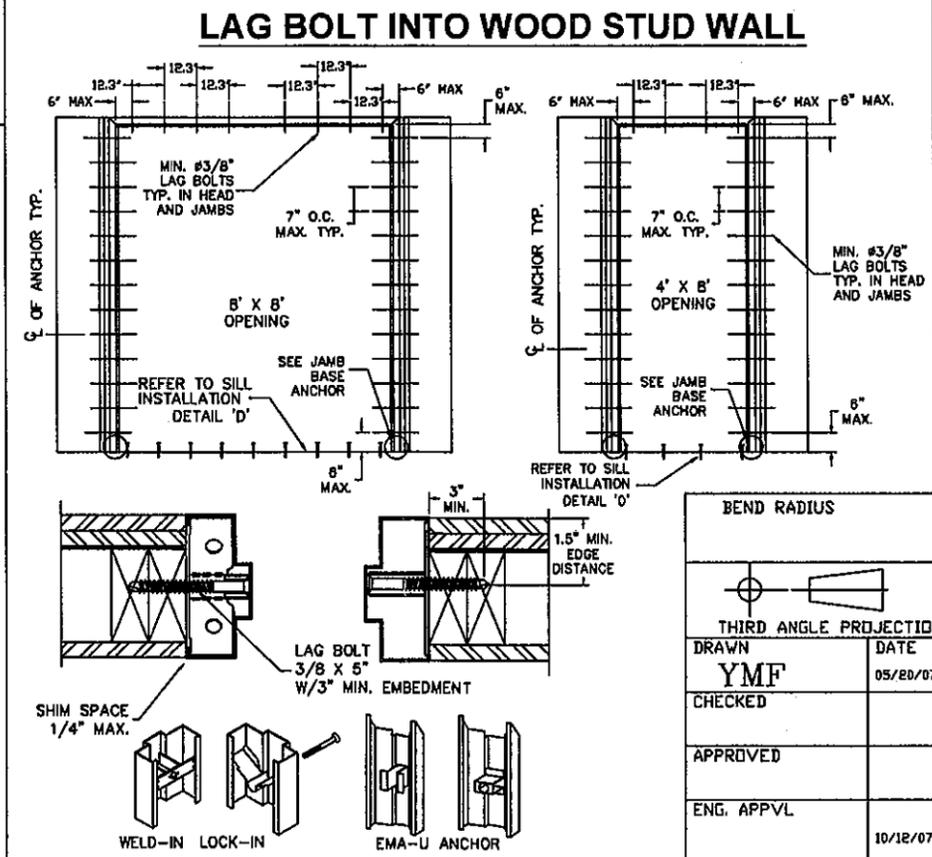
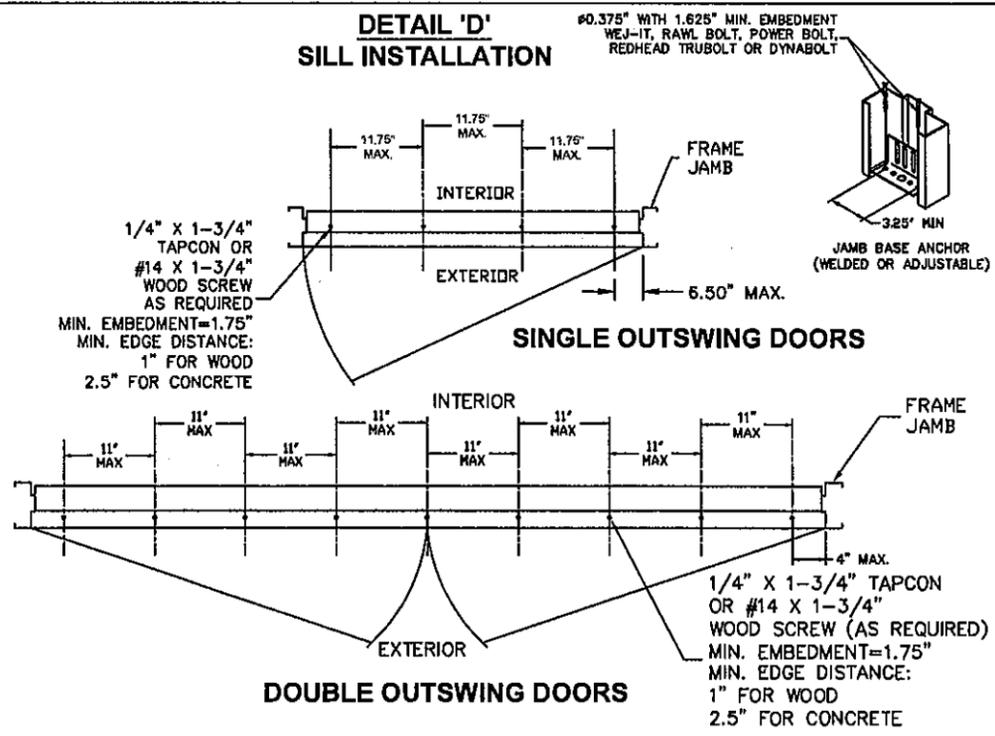


### REVISIONS

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

Approved as complying with the Florida Building Code  
 Date April 2, 2011  
 NOA# 09-0528.06  
 Miami Dade Product Control  
 By Ichang L. L...

Arb al...  
 Gordon Thomas, P.E. Date  
 3759 Blossom Court  
 Mason, OH 45040  
 Florida # 48718



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.

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN YMF DATE 05/20/07

CHECKED

APPROVED

ENG. APPVL 10/12/07

INGERSOLL RAND Security Technologies

TITLE MIAMI-DADE PRODUCT APPROVAL

ANCHOR DETAILS / INSTALLATION CONDITIONS

SIZE FLAT DWG NO. 3580-1 REV E

SCALE: NTS AUTOCAD SHEET 4 OF 6

TABLE 6.

PERIMETER SEAL HARDWARE WHEN WATER INFILTRATION REQUIREMENT DOES APPLY . Design Pressure +/-75 PSF Max.				
ITEM NUMBER SHT. 1, TABLE 1	DESCRIPTION	MODEL No./ MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
16	THRESHOLD with neoprene or bulb gasket	666/ZERO INT'L	'E1'	'W1'
		950/NGP	'E2'	'W2'
17	FAS-SEAL SWEEP	STEELCRAFT	'G'	'W1' & 'W2'
		328/ZERO INT'L	'P1'	'V'
19	SPLIT ASTRAGAL	137/NGP	'P2'	'V'
		8144F/ZERO INT'L	'H'	'U' & 'T1'
18 OR 20	SELF ADHESIVE DOOR SEAL	PS074/STEELCRAFT	'F'	'U' & 'T1'
		539/ZERO INT'L	'J1'	'T'
21	DOOR SWEEP	202N/NGP	'J2'	'T'
		139/ZERO INT'L	'K'	'W1'
23	ADJUSTABLE STOP	476/ZERO INT'L	'L1'	'U'
		170N/NGP	'L2'	'U'
24	RAIN DRIP CAP	11/ZERO INT'L	'M1'	'W1'
		16A/NGP	'M2'	'W2'
25	DOOR TOP CAP	STEELCRAFT	'N'	'U'

TABLE 6.

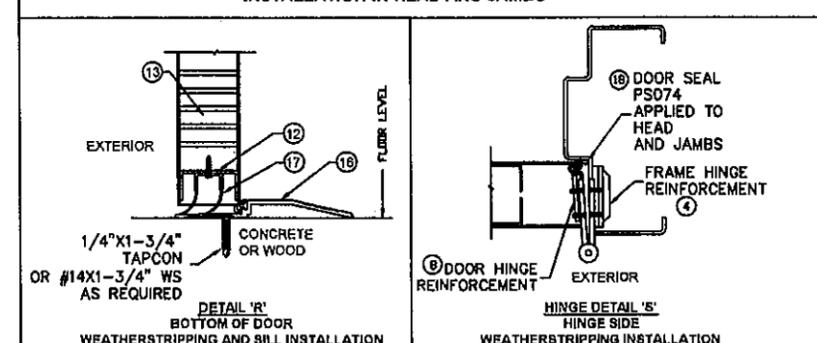
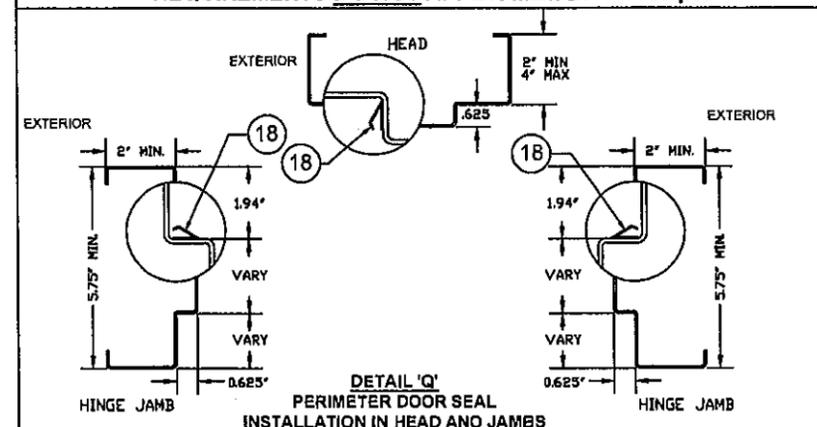
PERIMETER SEAL HARDWARE WHEN WATER INFILTRATION REQUIREMENT DOES NOT APPLY . Design Pressure +/-160 PSF Max.				
ITEM NUMBER SHT. 1, TABLE 1	DESCRIPTION	MODEL No. MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
16	THRESHOLD with neoprene or bulb gasket	566 BY ZERO INT'L	'E1'	'R'
		950 BY NATIONAL GUARD	'E2'	'R'
17	FAS-SEAL DOOR SWEEP	STEELCRAFT	'G'	'R'
		328 BY ZERO	'P1'	'V'
19	SPLIT ASTRAGAL	137 BY NGP	'P2'	'V'
		PS-074 SELF ADHESIVE WEATHERSTRIPPING	'F'	'Q' & 'S'
25	DOOR TOP CAP	STEELCRAFT	'N'	OPTIONAL

*[Signature]*  
 Gordon Thomas, P.E.  
 3759 Blossom Court  
 Mason, OH 45040  
 Florida # 46718  
 Date 4/12/11

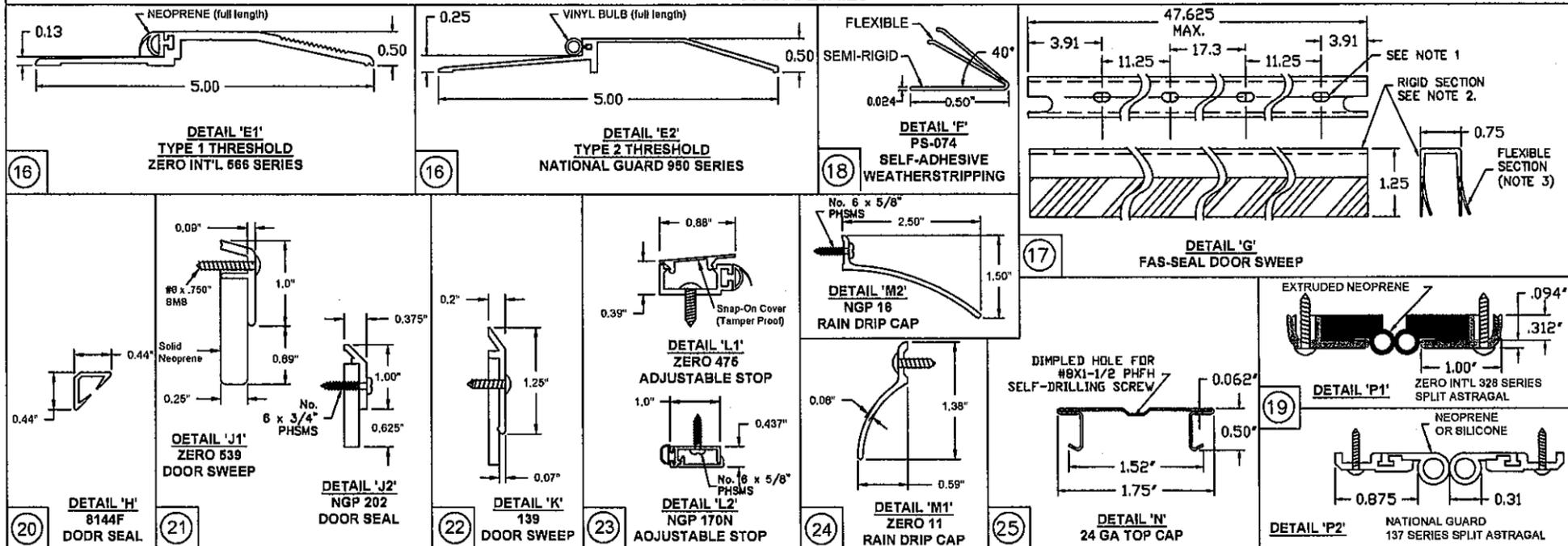
REVISIONS

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	

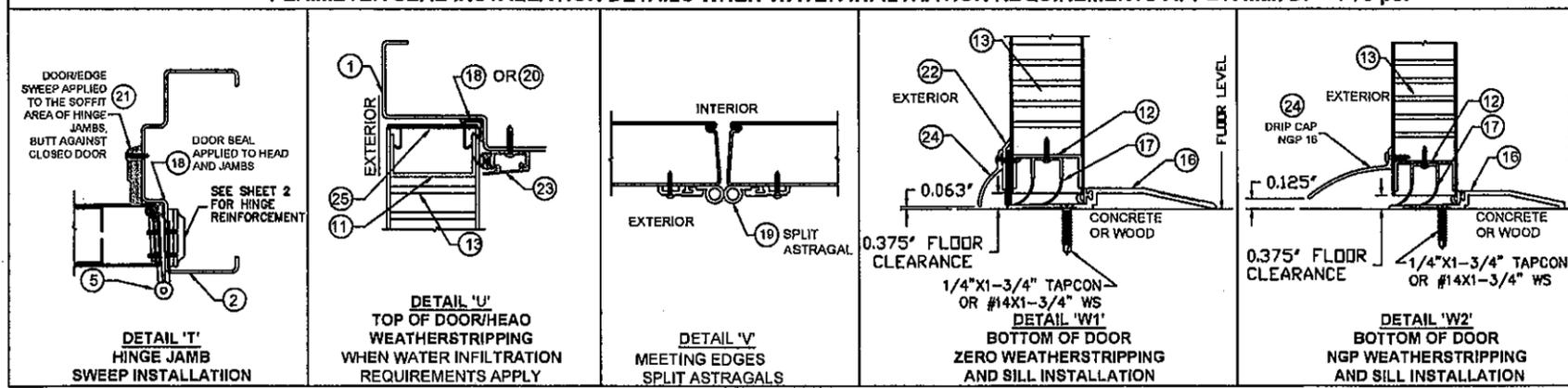
PERIMETER SEAL INSTALLATION DETAILS WHEN WATER INFILTRATION REQUIREMENTS DO NOT APPLY. Max. DP=+/-160 psf



PART DETAILS



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



- NOTES:  
 1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.  
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.  
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73  
 4. FAS-SEAL DOOR SWEEP (14), AND THRESHOLD (11) ARE REQUIRED FOR ALL INSTALLATIONS.

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN YMF DATE 05/20/07

CHECKED

APPROVED

ENG. APPVL JPD 10/11/07

**IR** Ingersoll Rand  
 Security Technologies

TITLE MIAMI-DADE PRODUCT APPROVAL

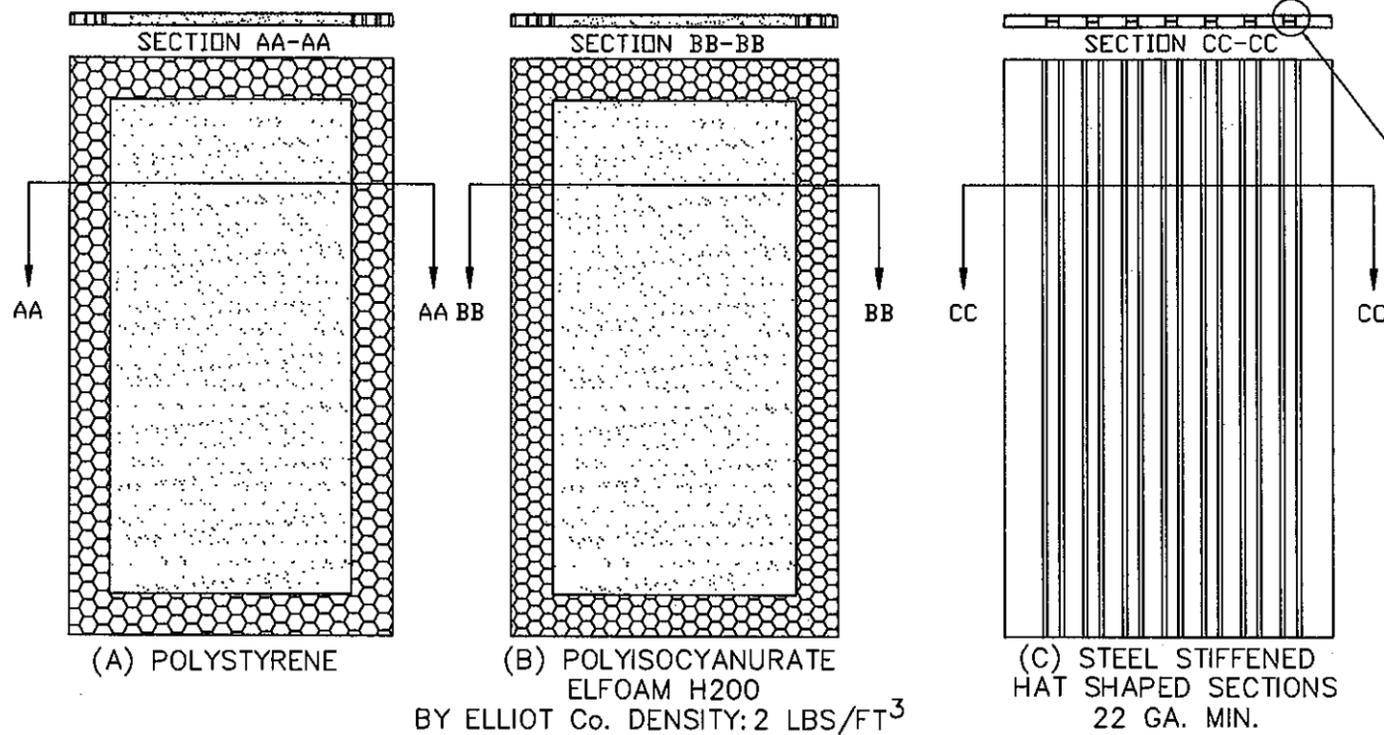
DOUBLE FLUSH DOOR PERIMETER SEAL HARDWARE.

SIZE FLAT DWG NO. 3580-1 REV E

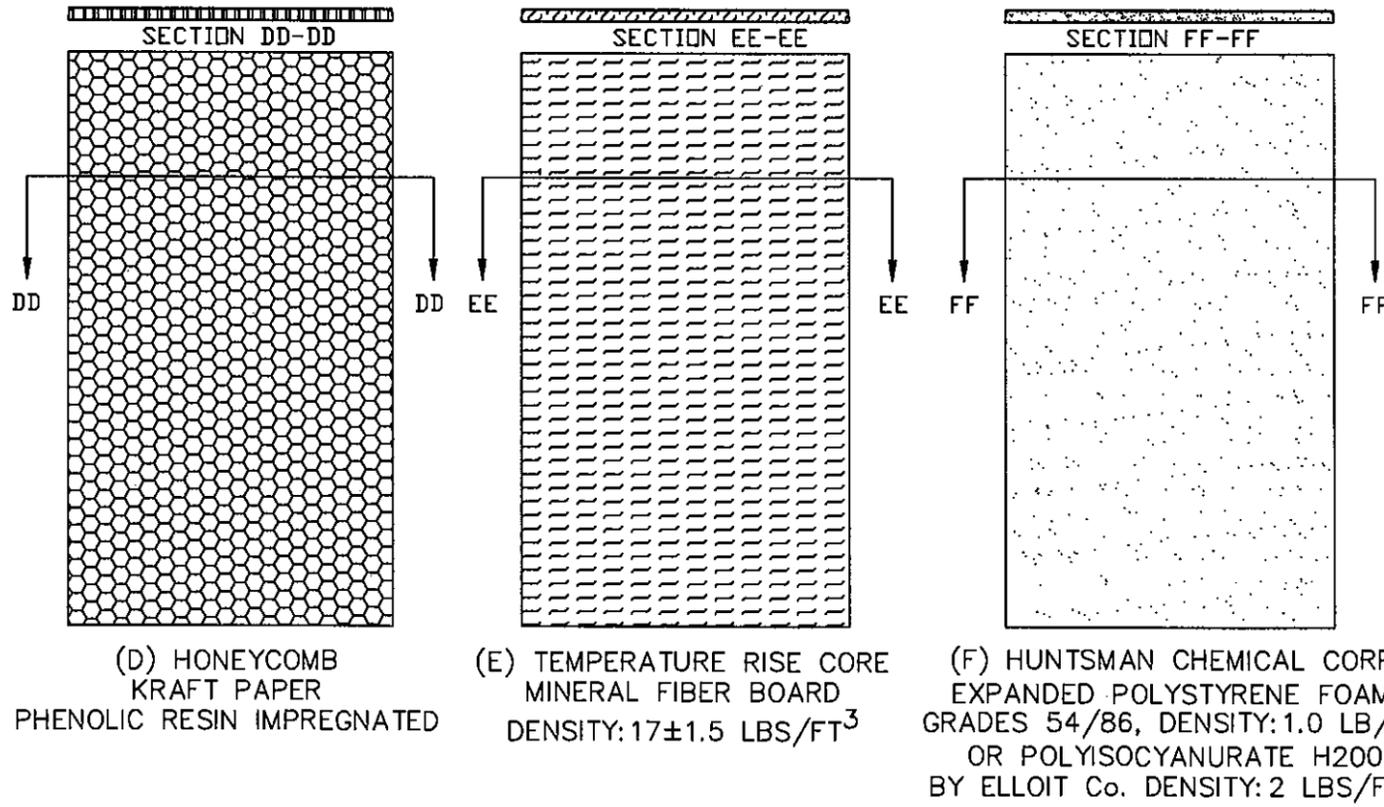
SCALE: NTS AUTOCAD SHEET 5 of 6

Approved as per drawing with the Florida Building Code  
 Date: APR 14, 2011  
 No. 09-0528-DG  
 Michael J. ...  
 Ishag J. ...

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
B	ADDED SHEET	YMF	01/19/10	
C	ADDED SHEET	YMF	07/16/10	
D	ADDED SHEET	YMF	08/05/10	
E	ADDED SHEET	YMF	12/06/10	



**CORE OPTIONS**



Approved as complying with the Florida Building Code  
Date 12/14/2011  
NOAH 09-0528-06  
Miami Dade Product Control  
*Isheq. Charles*

*Gordon Thomas* 12/11  
Gordon Thomas, P.E. Date  
3750 Blossom Court  
Mason, OH 45040  
Florida # 46718.

NOTE: CORE MATERIAL SHOWN WITHOUT REINFORCEMENTS.

BEND RADIUS		<b>Ingersoll Rand</b> Security Technologies	
THIRD ANGLE PROJECTION			
DRAWN YMF	DATE 05/20/07	TITLE MIAMI-DADE PRODUCT APPROVAL	
CHECKED		DOOR CORE OPTIONS	
APPROVED		SIZE	FLAT
ENG. APPVL	10/12/07	DWG NO.	3580-1
SCALE: NTS		AUTOCAD	REV E
		SHEET	6 OF 6