



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

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

**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 PERA -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. PERA 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.

**DESCRIPTIO: IR / Steelcraft "ExpiDoor" series Single Flush Outswing Steel Commercial Door-Impact**

**APPROVAL DOCUMENT:** Drawing No "1035W-1", titled " ExpiDoor Series System", sheets 1 through 6 of 6, dated 03/11/03 and last revised on 12-03-08, prepared by the manufacturer, signed & sealed by Gordon Thomas, 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. Grit/Stud wall to be designed separately to withstand the imposed load and be reviewed by AHJ.
2. Approved polystyrene is by Atlas EPS (min  $\rho = 1 \text{ \#/ft}^3$ )
3. Not approved for water infiltration ratings.

**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", 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 # 08-1216.01 and 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.**



NOA No 12-0305.10  
Expiration Date: February 19, 2014  
Approval Date: May 31, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings (submitted under file # **08-1216.01**)
2. Drawing No "1035W-1", titled "ExpiDoor Series System", sheets 1 through 6 of 6, dated 03/11/03 last revised on 12-03-08, prepared by the manufacturer, signed and sealed by Thomas Gordon, P.E.

**B. TESTS (Submitted file # 08-1216.01/ 03-1107.03)**

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
  - 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 Single flush outswing steel doors, marked by Certified Testing Lab, Test Report No. **CTLA-1035W-1** Architectural Division, dated April 7, 2003, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS:**

1. Anchor Calculations and structural analysis, prepared by Product Technology Corporation, dated 06/02/03, signed and sealed by Rene J. Quiroga, P. E. (Submitted file # **03-1107.03**).

**D. QUALITY ASSURANCE BY**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS (submitted under file # 08-1216.01)**

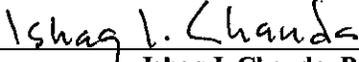
1. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
2. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building 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".

**F. STATEMENTS**

1. Letter of conformance to FBC 2010 "No financial interest" dated 02/15/12, signed and sealed by Gordon Thomas, P.E.
2. Statement letter of conformance to FBC 2007 and no financial interest, dated Dec. 20, 2008, prepared, signed and sealed by Gordon Thomas, P.E.
3. Statement letter of conformance and no financial interest, dated June 2, 2003, issued by Product Technology corp., signed and sealed by Rene J. Quiroga, P.E. (submitted under file # 03-1107.3)
4. Laboratory Compliance statement issued as part of test report.

**G. OTHER**

1. This NOA revises NOA # **08-1216.01**, expiring on 02/19/14.



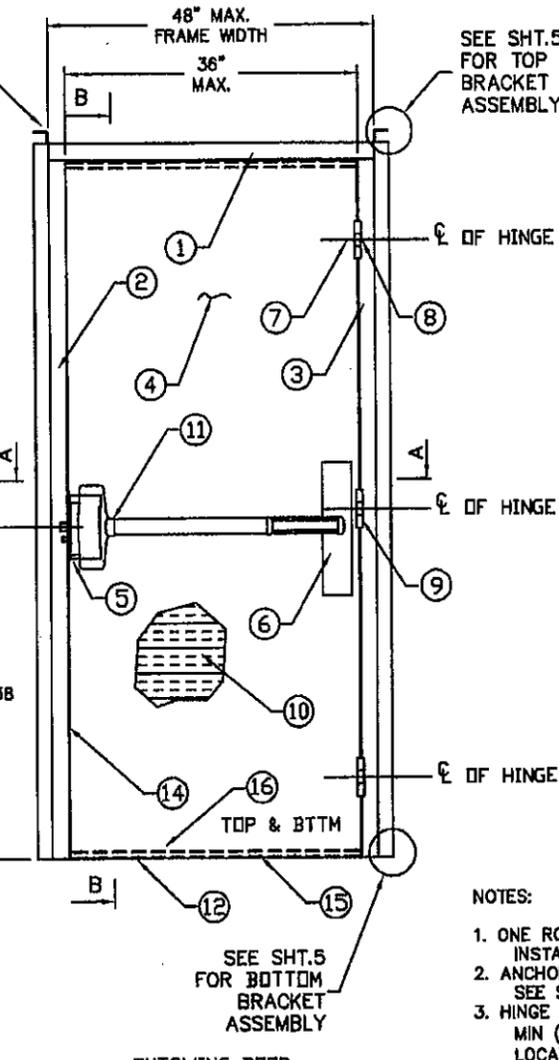
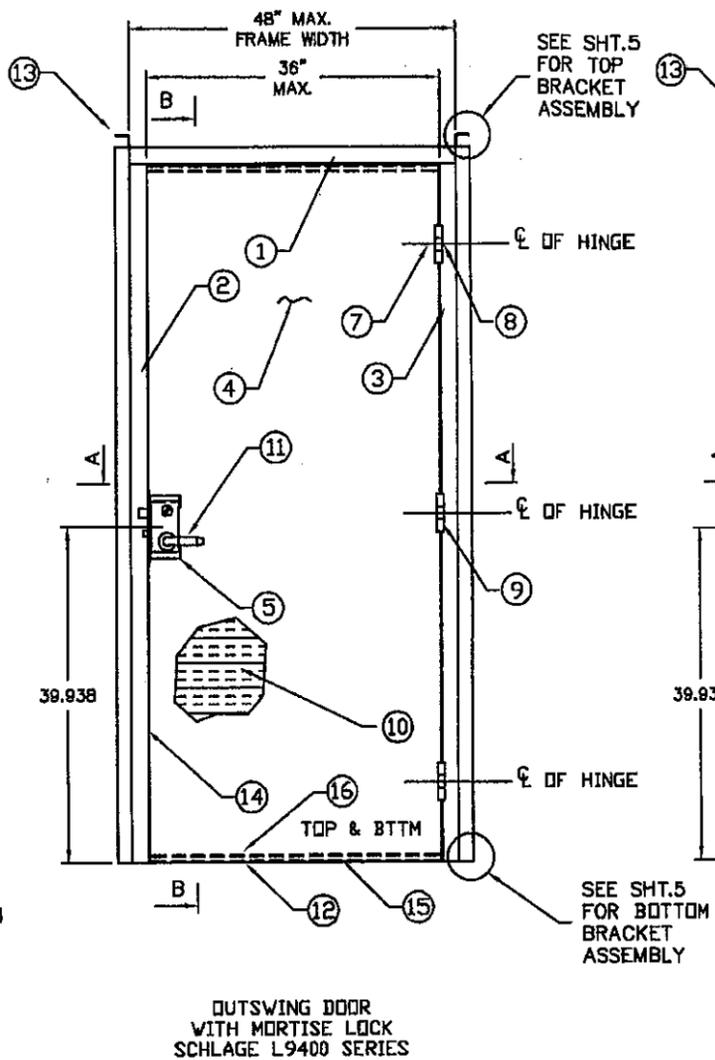
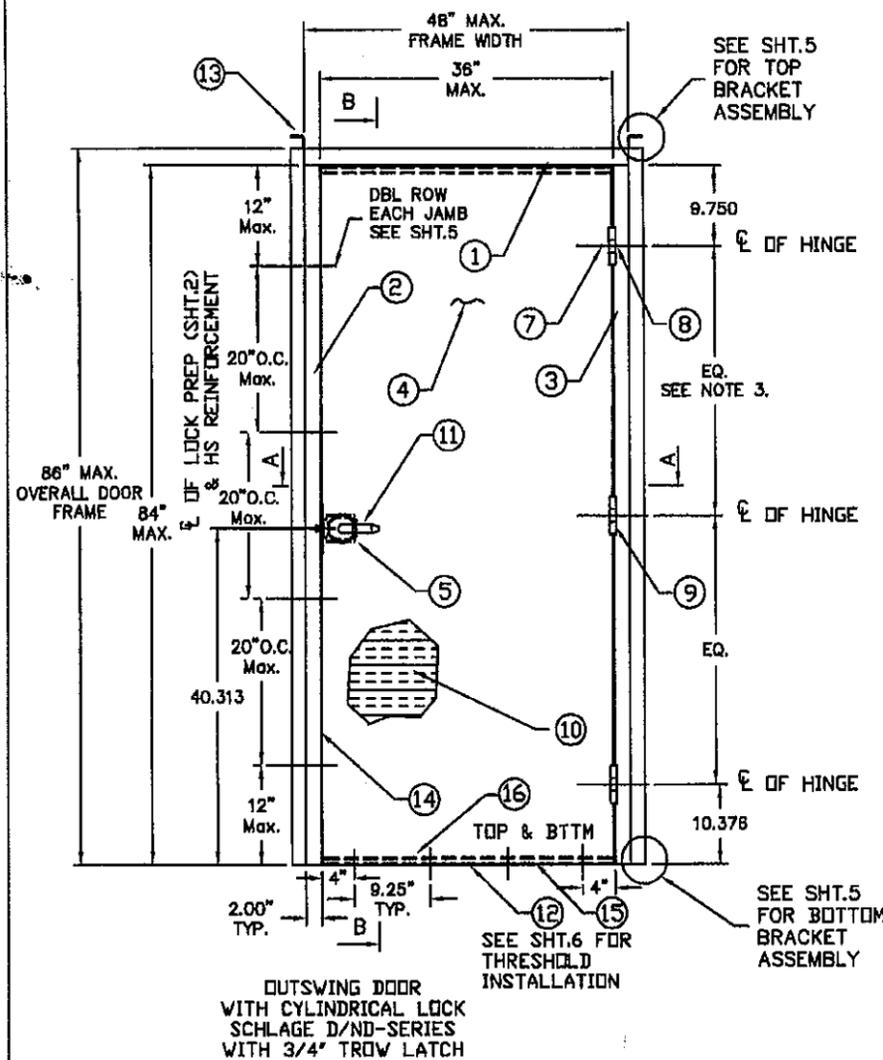
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0305.10

Expiration Date: February 19, 2014  
Approval Date: May 31, 2012

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	03.11.03	
B	REVISED PER DC BCCD YMF	01/29/04	

DESIGN PRESSURE RATING		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	NOT APPROVED	+ 70 PSF
NEGATIVE	NOT APPROVED	- 70 PSF



**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 08-12-0305.10  
 Expiration Date FEB 19, 2014  
 By Shag I. Chandra  
 Miami Dade Product Control Division

*Handwritten:*  
 Add by  
 12/31/08  
 PL 46718

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 08-12-16-01  
 Expiration Date FEB 19, 2014  
 By Shag I. Chandra  
 Miami Dade Product Control Division

- NOTES:
- ONE ROW OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHT. 5.
  - ANCHOR REQUIREMENTS: SEE SHEET 5 FOR APPROVED ANCHORING SYSTEM FOR EXPI-DOOR UNIT.
  - HINGE REQUIREMENTS: MIN (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.
  - SEE SHEET 4 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
  - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
  - APPLY CAULK AS NEEDED.
  - SPECIFIC EGRESS/ESCAPE APPLICATION OF THIS DOOR, IN COMPLIANCE WITH THE FBC, TO BE DETERMINED BY BUILDING OFFICIAL ON CASE BY CASE BASIS.

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SECTION SEE SHT 5 ASTM A924 16 GA.	.053" MIN. STL.	MAX. 40"
2	1	STRIKE JAMB, SEE SHT 5 16 GA.	.053" MIN. STL.	MAX. 86"
3	1	HINGE JAMB SEE SHT 5 ASTM A924 16 GA.	.053" MIN. STL.	MAX. 86"
4	1	DOOR SLAB (18 GA) MIN. Fy=43.700 PSI	SEE SHT 4	3'0" X 7'0" MAX.
5	1	LOCK REINFORCEMENT	SEE SHT 2	SEE SHT 2
6	1	HINGE SIDE REINFORCEMENT	.067" MIN. STL.	4" X MAX. 20"
7	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621 SHT 2	.171" MIN. STL.	1.28" X 9.19"
8	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621 SHT 2	.171" MIN. STL.	1.5" X 9.187"
9	NOTE 3.	STANLEY F179/1900 OR HAGER 1279 HINGES	.134" MIN. STL.	4.5" X 4.5" (12-24 MS) 4 SCREWS PER HINGE
10	1	CORE MATERIAL: POLYSTYRENE	SEE SHEET 4	SEE SHEET 4
11	1	LOCKING HARDWARE - SEE SHT 3 A) MONARCH 18-M MORTISE PANIC B) SCHLAGE D/ND-SERIES CYLINDRICAL LOCK C) SCHLAGE L9400 SERIES MORTISE LOCK		
12	1	FULL JAMB DEPTH THRESHOLD SHT 6	.100" ALUM. 6063 T5	.50" X 5.78" X 36" MAX.
13	NOTE 2.	EXPI-DOOR ANCHORING SYSTEM PER SHT 5 & 6		
14	3	PS074 WEATHER STRIPPING SHT 5 & 6	TPE	MAX. 17"
15	1	FAS-SEAL DOOR SWEEP SHT 6	TPE	MAX. 35.66"
16	2	END CHANNEL ASTM A924 INVERTED (14 GA)	.067" MIN. STL.	.69" X 1.66" X 35.66" MAX.
17	AS NEEDED	BUTYL RUBBER OR 100% SILICONE (OPTIONAL)		

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN: **NF** DATE: 03.11.03

CHECKED:

APPROVED:

ENG. APPVL:

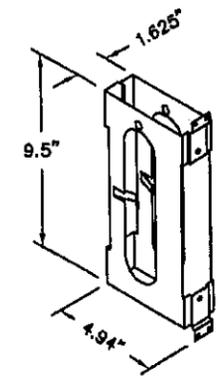
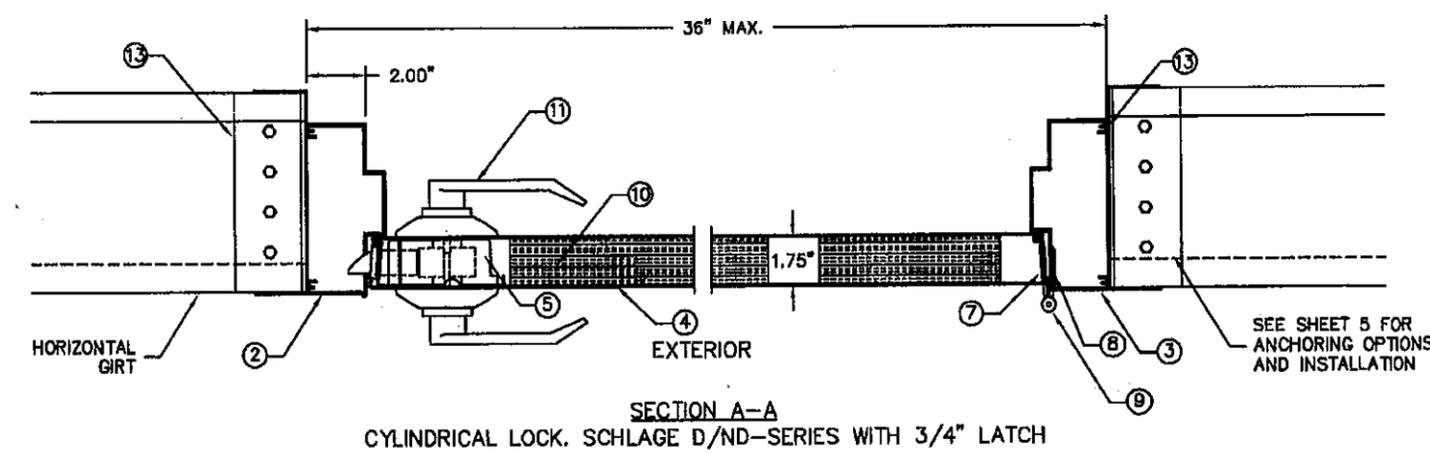
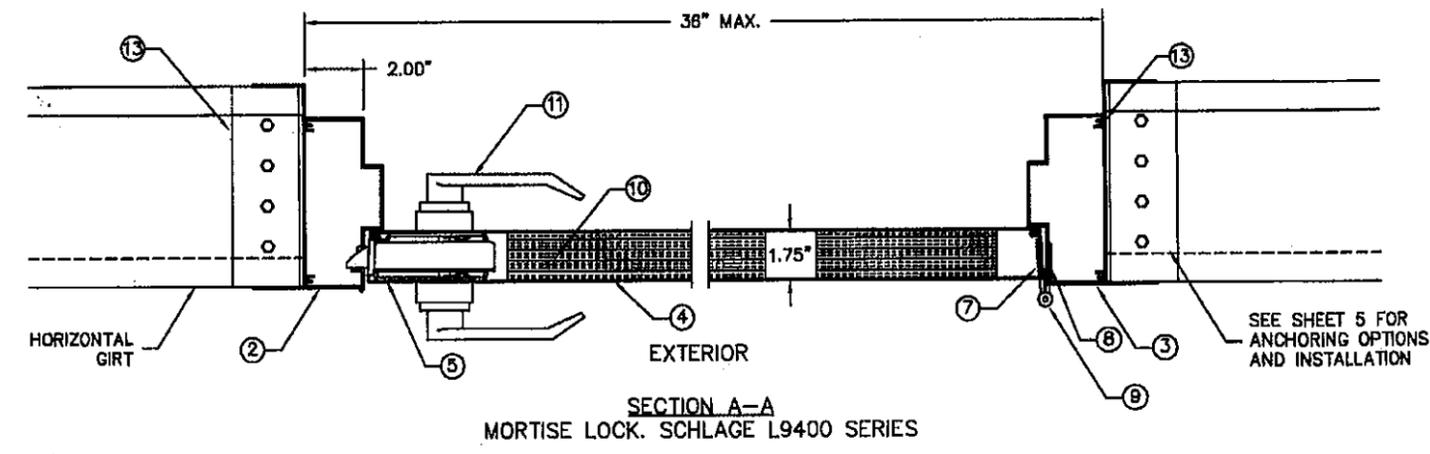
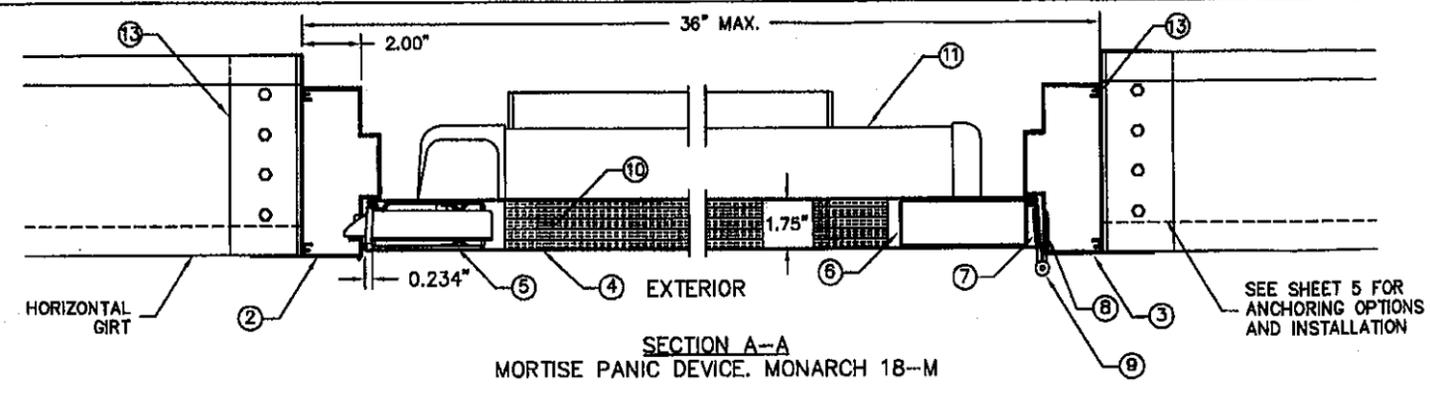
**RR** INGERSOLL-RAND COMPANY  
 STEELCRAFT MFG.  
 9017 BlueAsh Rd. Cincinnati Ohio 45242

TITLE: **DADE COUNTY**  
**EXPI-DOOR SERIES SYSTEM (OUTSWING)**  
**WITH IR HARDWARE**

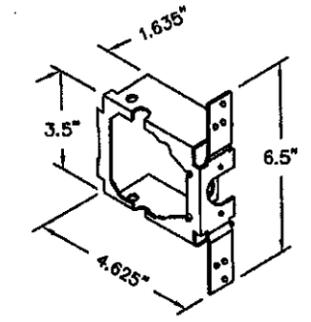
SIZE: FLAT DWG NO. 1035W-1 SHEET 1 OF 6 REV B

SCALE: NTS AUTOCAD SHEET OF

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	03.11.03	
B	REVISED PER DC BCCO YMF	01/29/04	



⑤ 16 GA. MORTISE LOCK/PANIC REINFORCEMENT



⑤ 16 GA. CYLINDRICAL LOCK REINFORCEMENT

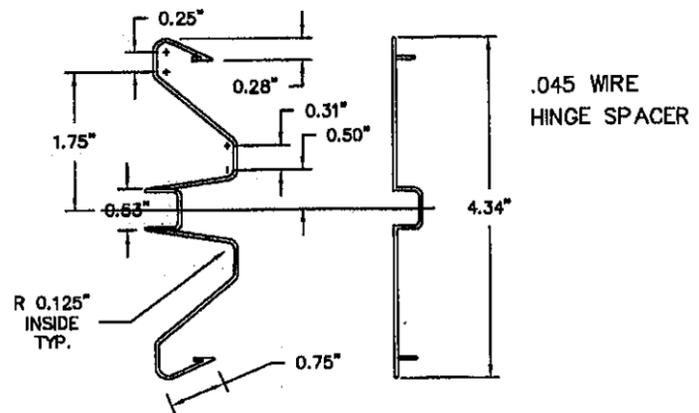
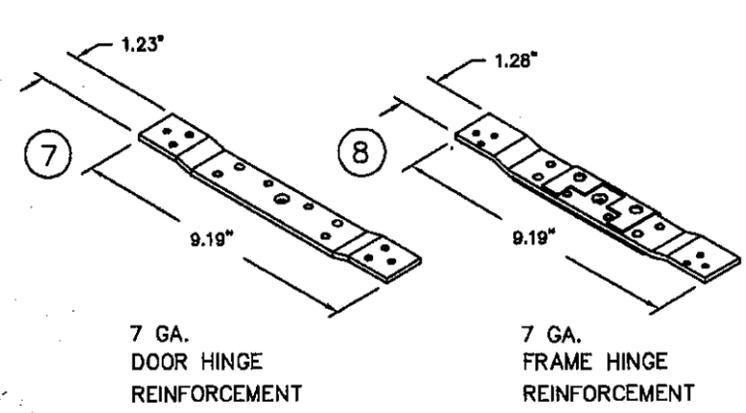
*APL*  
12/31/08  
FL 46718

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305.10  
Expiration Date 2/19/14  
By *Shang L. Chang*  
Miami Dade Product Control

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-1216.01  
Expiration Date 06/17/2014  
By *Shang L. Chang*  
Miami Dade Product Control  
Division

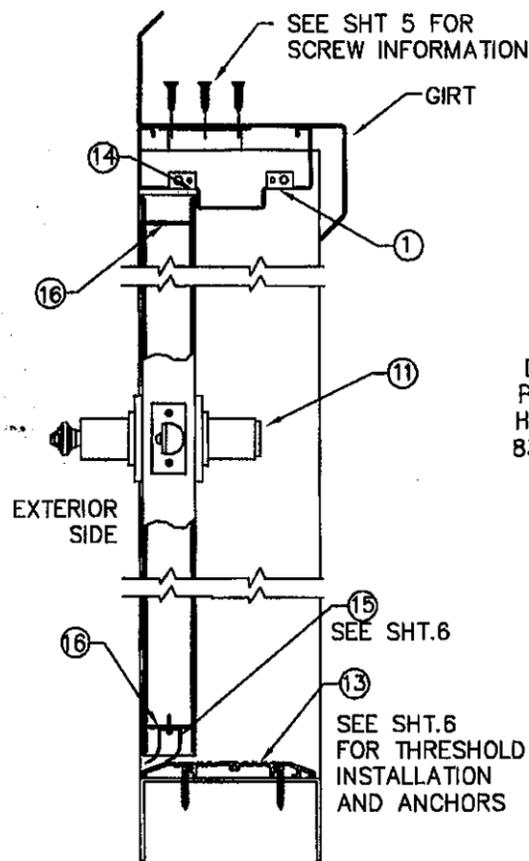
NOTES:

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

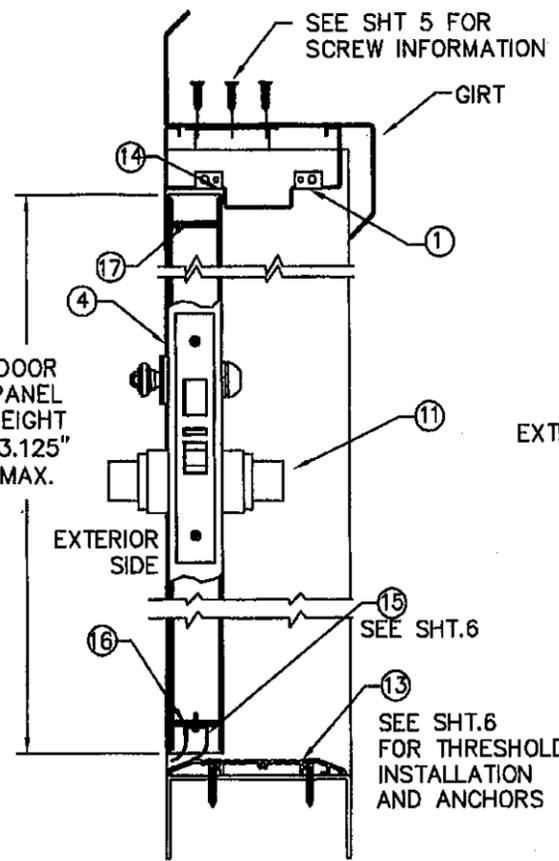


BEND RADIUS		<b>INGERSOLL-RAND COMPANY</b> STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION			
DRAWN <b>NF</b>	DATE 03.11.03	TITLE DADE COUNTY CROSS SECTION OF EXPIDOR SERIES UNIT IR EXIT HARDWARE 3070 SINGLE DOORS	
CHECKED		SIZE FLAT	DWG NO. 1035W-1 SHEET 2 OF 6
APPROVED		SCALE: NTS AUTOCAD	REV B
ENG. APPVL			

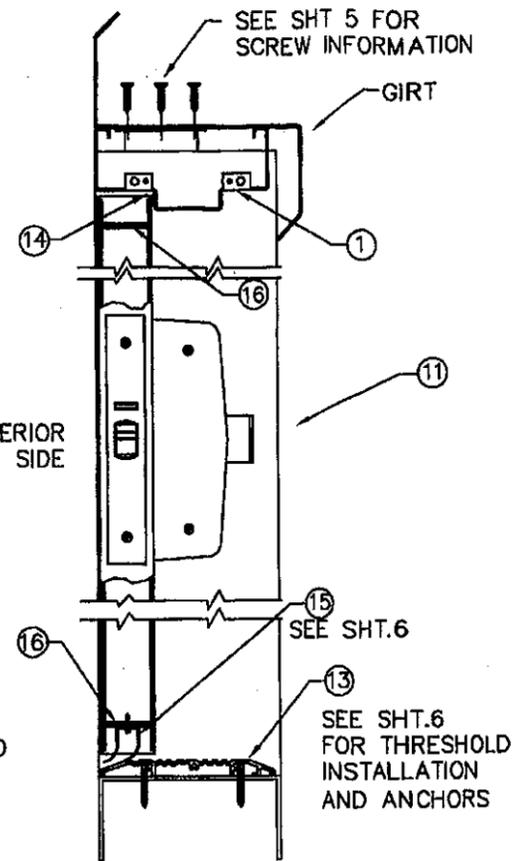
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	03.11.03	
B	REVISED PER DC BCCO YMF	01/29/04	



SECTION B-B  
CYLINDRICAL LOCKSET  
SCHLAGE D/ND-SERIES



SECTION B-B  
MORTISE LOCKSET  
SCHLAGE L9400 SERIES



SECTION B-B  
MORTISE PANIC DEVICE  
MONARCH 18-M

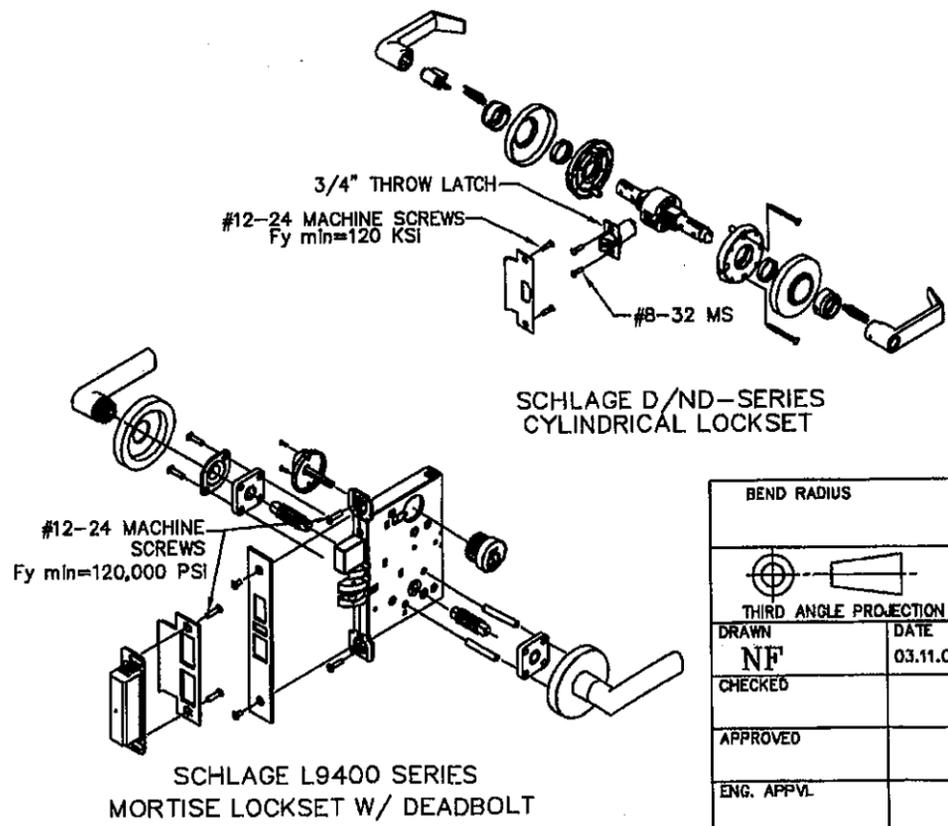
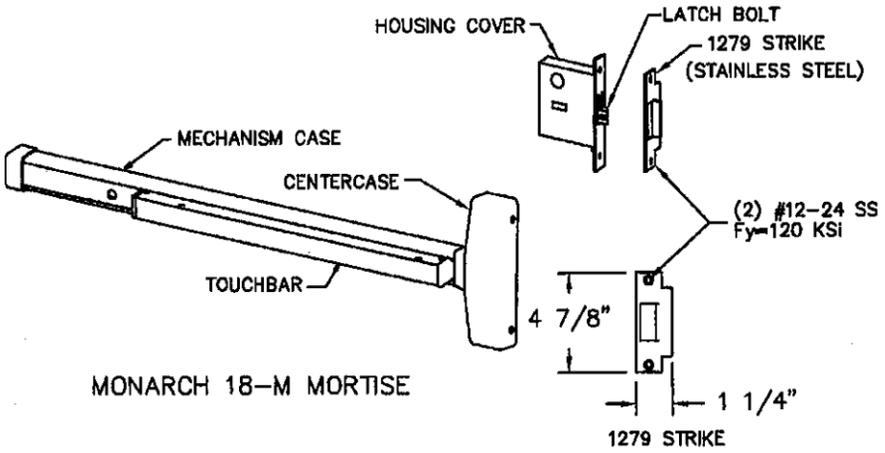
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PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305-10  
Expiration Date 2/19/14  
By *Shag J. Chanda*  
Miami Beach Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 08-1216-01  
Expiration Date 6/19/2014  
By *Shag J. Chanda*  
Miami Beach Product Control  
Division

NOTES:

1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT.5 & 6 FOR ANCHOR REQUIREMENTS
3. SEE SHT. 5 FOR GIRT/STUD WALL CONSTRUCTION AND ANCHORING SYSTEM
4. SEE SHT. 4 & 5 FOR AVAILABLE SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
6. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING



BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN	DATE
NF	03.11.03
CHECKED	
APPROVED	
ENG. APPVL	

SIZE	FLAT	DWG NO.	REV
		1035W-1 SHEET	3 OF 6 B
SCALE: NTS		AUTOCAD	

AVAILABLE DOOR CONFIGURATIONS  
(SEE NOTE 1.)

DOOR SERIES	CORE MATERIAL PER SHT.7	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
L	POLYSTYRENE	3'0"	7'0"	CRS GALV	18/.044" 16/.053" 14/.067"

TABLE 3.

CRS ASTM A1008
HRS ASTM A1011
GALV: A60 ASTM A924

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	03.11.03	
B	REVISED PER DC BCCO YMF	01/29/04	

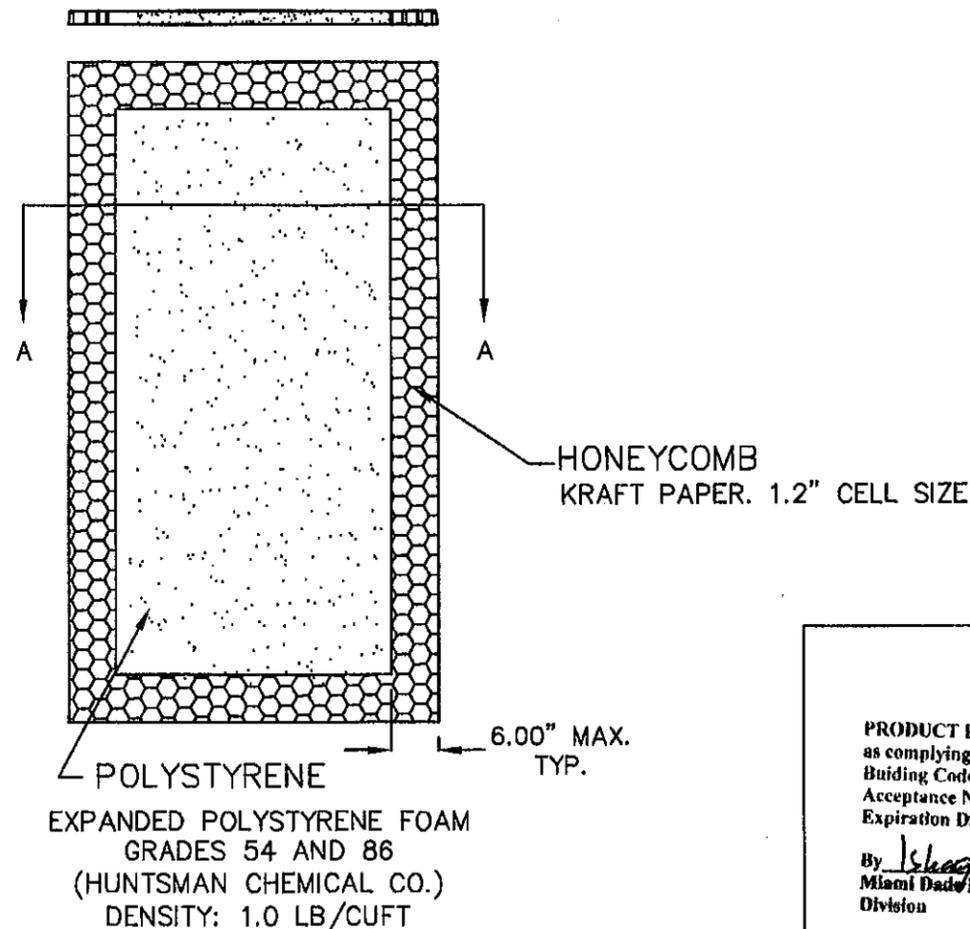
AVAILABLE FRAME CONFIGURATIONS  
(SEE NOTE 2.)

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

Fy MIN. = 43,700 PSI

*APPROVED*  
12/31/08  
R 46718

SECTION A-A

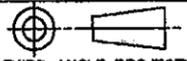


PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0305/10  
Expiration Date 2/19/14  
By *Shag J. Chavak*  
Miami Dade Product Control

NOTES:

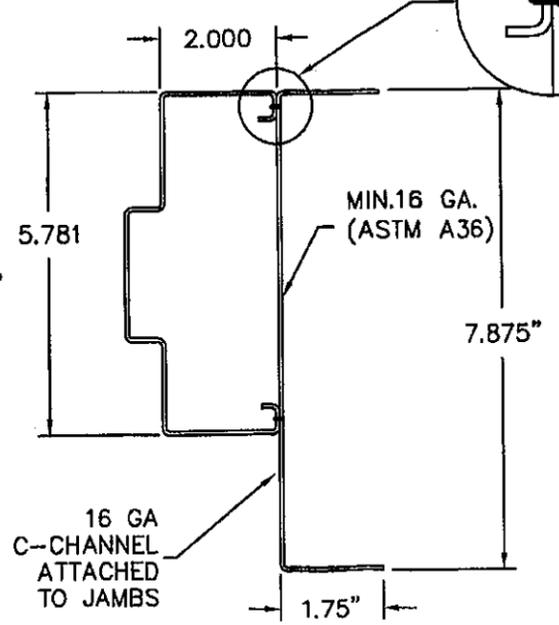
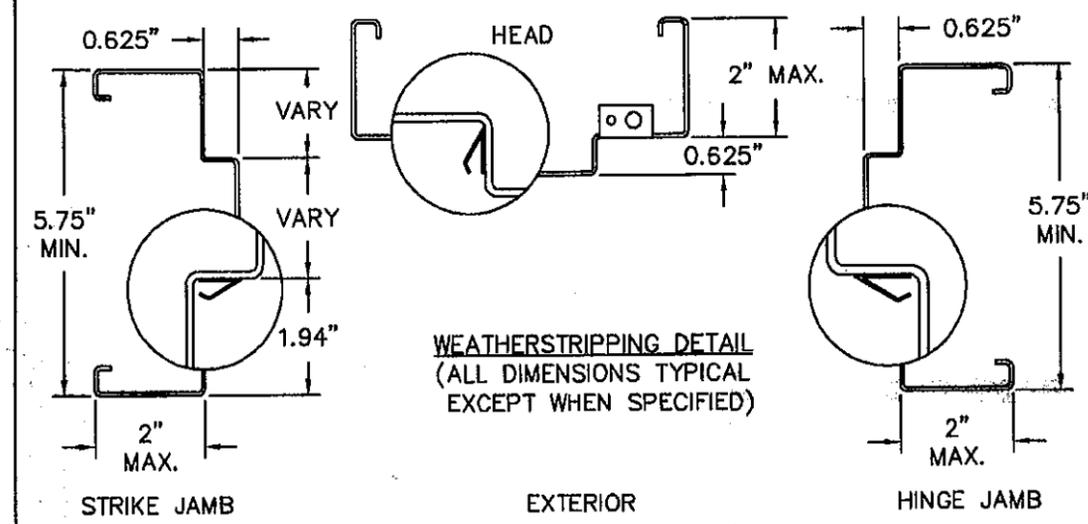
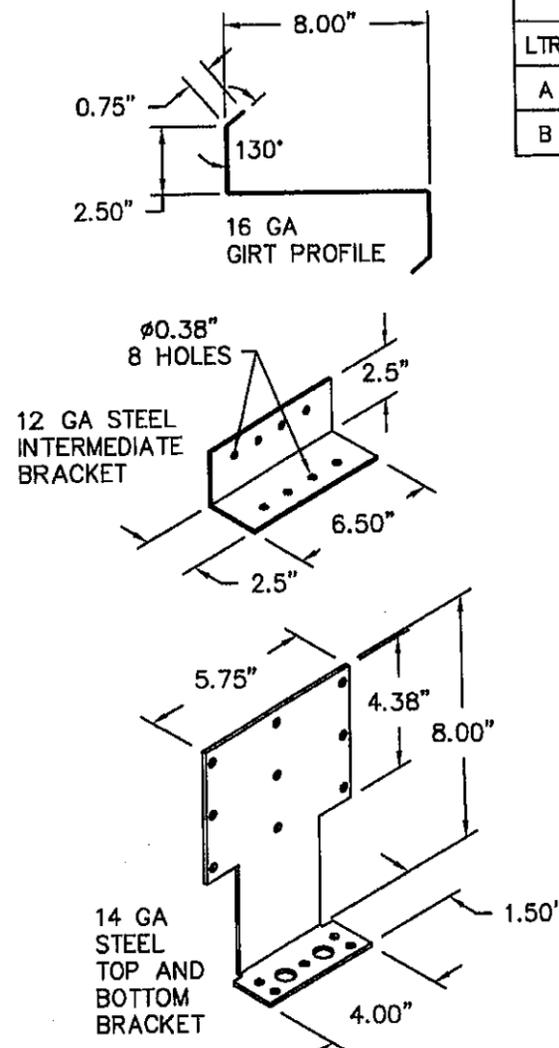
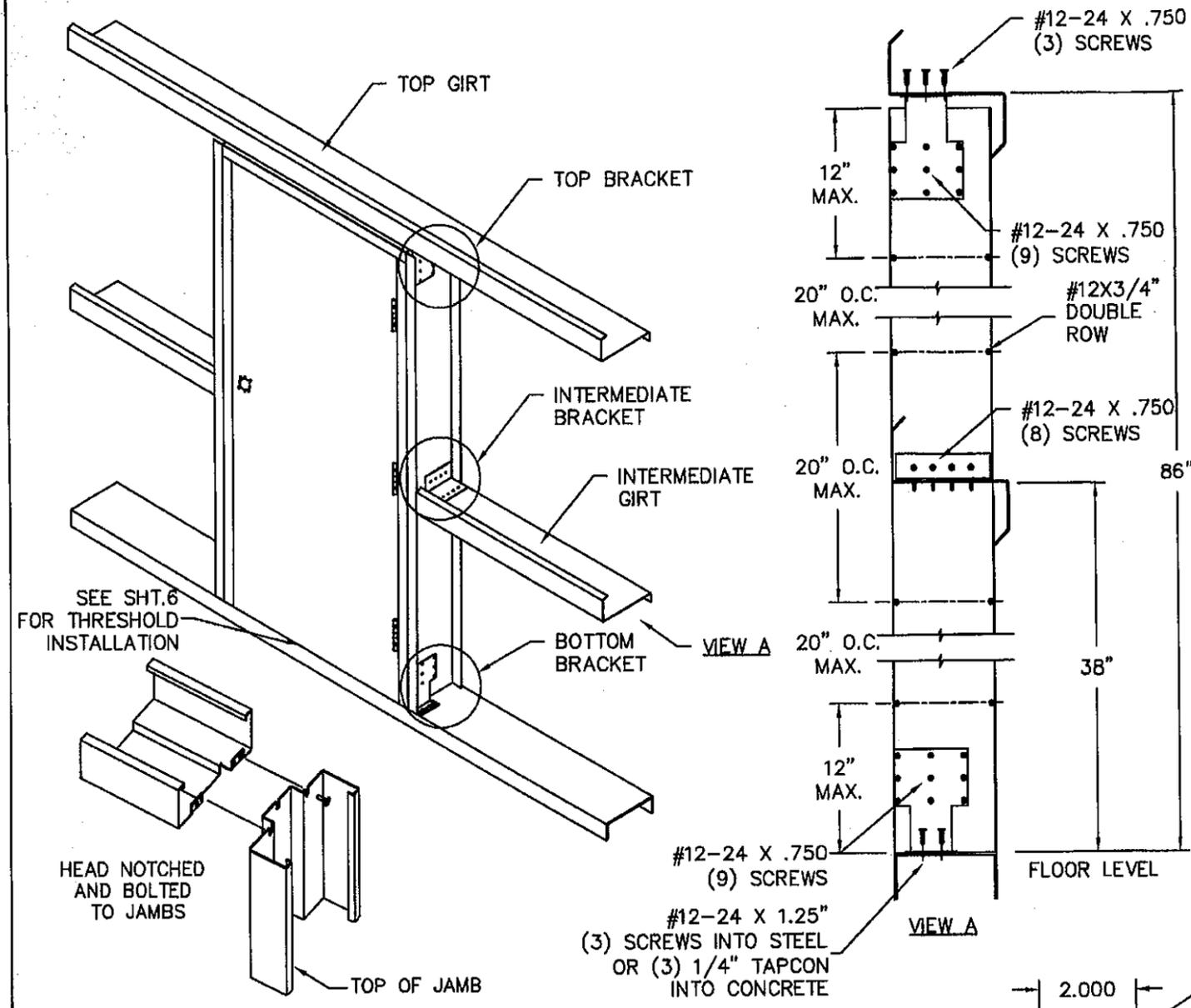
1. DOOR CONSTRUCTION
  - 1.1. MINIMUM DOOR THICKNESS - 1 3/4"
  - 1.2. ALL DOORS ARE FLUSH - NO LITES OR LOUVERS AVAILABLE
2. FRAME CONSTRUCTION
  - 2.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
3. FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.
4. CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 08-1216.01  
Expiration Date FEB 19, 2014  
By *Shag J. Chavak*  
Miami Dade Product Control  
Division

BEND RADIUS				 <b>INGERSOLL-RAND COMPANY</b> STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN NF	DATE 5/01/02	TITLE DADE COUNTY DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS. EXPIDOR UNIT			
CHECKED		SIZE	FLAT	DWG NO. 1035W-1	REV B
APPROVED		SCALE: NTS		AUTOCAD	SHT 4 OF 6
ENG. APPV.					

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP		
B	REVISED PER DC BCCO YMF	01/29/04	



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 Add  
 12/31/08  
 FL 60718

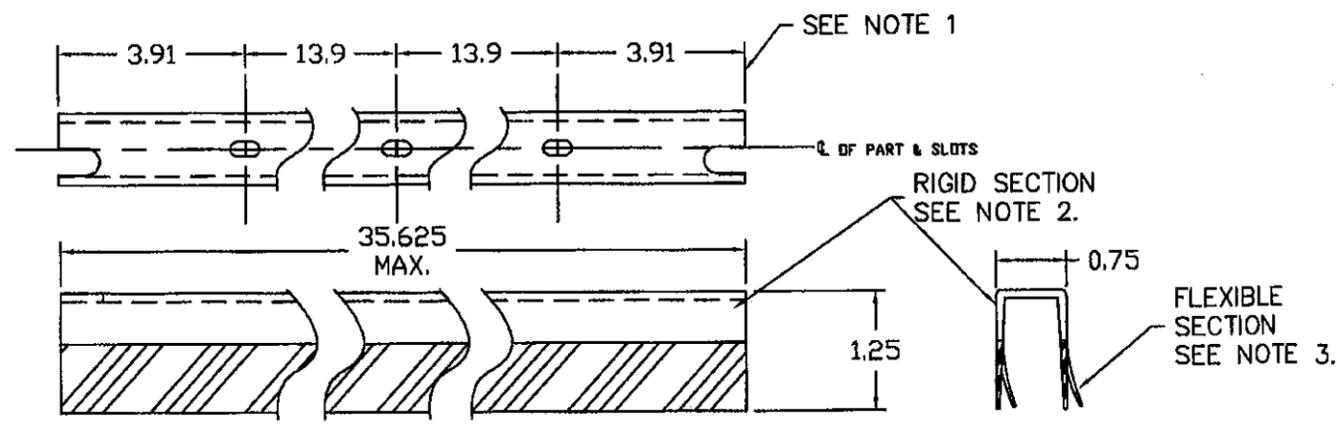
**PRODUCT REVIEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0305-10  
 Expiration Date 2/19/14  
 By *Shag I. Chaudhry*  
 Miami-Dade Product Control  
 Division

**PRODUCT REVIEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-1216-01  
 Expiration Date FEB 19, 2014  
 By *Shag I. Chaudhry*  
 Miami-Dade Product Control  
 Division

BEND RADIUS 		<b>INGERSOLL-RAND COMPANY</b> STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION 			
DRAWN <b>NF</b>	DATE 03.11.03	TITLE DADE COUNTY EXPIDOR SERIES UNIT ASSEMBLY, CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT	
CHECKED	APPROVED	SIZE FLAT	DWG NO. 1035W-1 SHEET 5 OF 6
ENG. APPVL	SCALE: NTS AUTOCAD	REV B	

REVISIONS

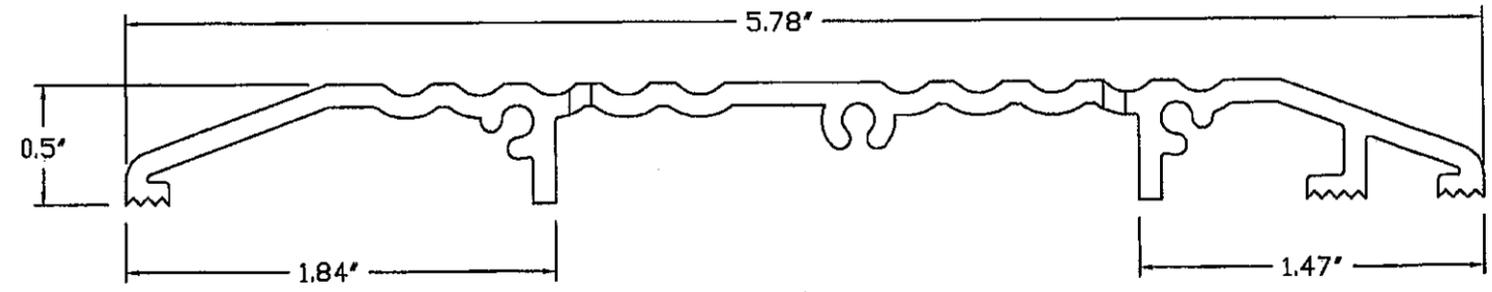
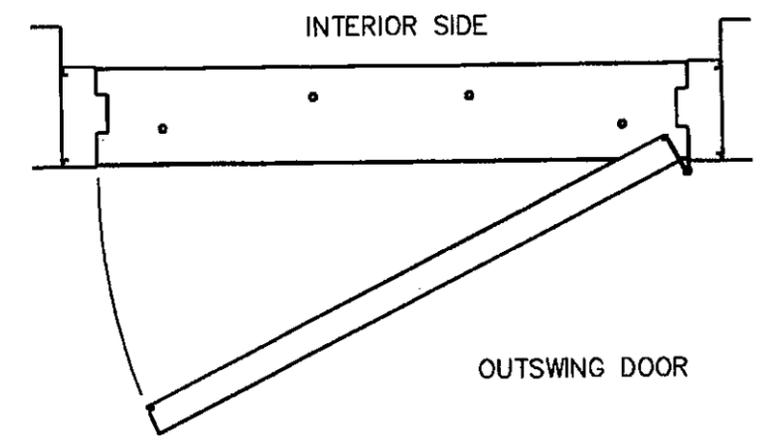
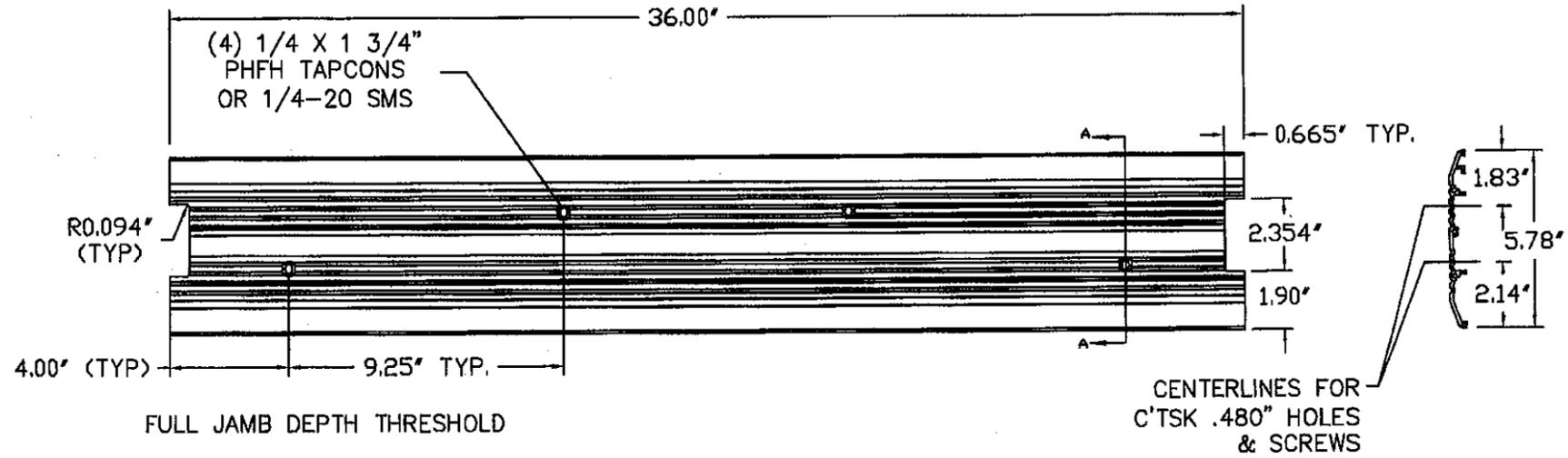
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	REVISED PER DC BCCD YMF	01/29/04	



PRODUCT REVISED  
 as complying with the Florida  
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 By Ishag J. Chaudhry  
 Miami Dade Product Control

*APPROVED*  
 12/31/08  
 FL 46718

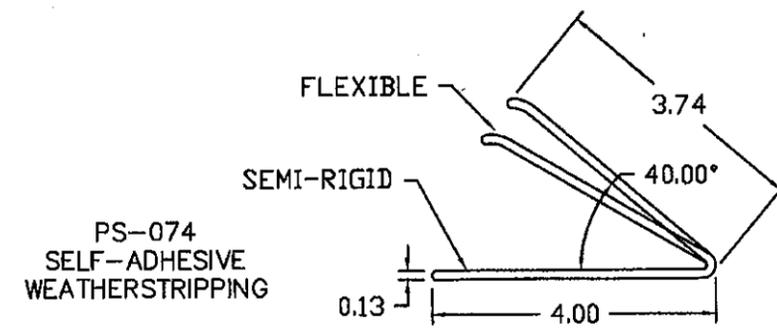
FAS-SEAL DOOR SWEEP



DETAIL A  
 THRESHOLD PROFILE

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 73 DUROMETER - SHORE A SCALE



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 By Ishag J. Chaudhry  
 Miami Dade Product Control  
 Division

BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN	DATE
NF	02/05/02
CHECKED	
APPROVED	
ENG. APPVL	

**INGERSOLL-RAND COMPANY**  
 STEELCRAFT MFG.  
 9017 BlueAsh Rd Cincinnati Ohio 45242

TITLE: DADE COUNTY  
 DOOR ACCESSORIES  
 BOTTOM SWEEP  
 THRESHOLD  
 AND WEATHERSTRIPPING

SIZE: FLAT      DVG. NO.: 1035W-1      REV: B

SCALE: NTS      AUTOCAD      SHT 6 OF 6