



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
www.buildingcodeonline.com

**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 L16-4 Single Outswing Commercial Steel Doors w/Panic Exit Devices-Impact**

**APPROVAL DOCUMENT:** Drawing No "776W", titled "L-16-4 4080 Single (outswing)", sheets 1 through 8 of 8, dated 02-01-02 and last revised on 02-03-08, prepared by the manufacturer, signed and sealed by Thomas Gordon, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 **renews** NOA # **02-0712.03** and consists of this page 1 and evidence page, as well as approval document mentioned above.

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



**NOA No 08-0115.02**  
**Expiration Date: March 20, 2013**  
**Approval Date: February 28, 2008**  
**Page 1**

2/18/08

**Ingersoll-Rand**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings.
2. Drawing No "776W", titled "L-16-4 4080 Single (outswing)", sheets 1 through 8 of 8, dated 02-01-02 and last revised on 02-03-08, prepared by the manufacturer, signed and sealed by Thomas Gordon, P.E.

**B. TESTS** (Photo copies from files # **02-0712.03**), original test report conducted per SFBC, 201, 202 and 203-94, now termed as FBC, TAS 201, 202 and 203-94.

1. Test report on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) No Water Resistance Test performed.
  - 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 marked by Certified Testing Lab, Test Report No. **CTLA-776W & CTLA-776W1**, prepared by Certified Testing Laboratory, Architectural Division, dated February 20, 2002 and April 25, 2002 respectively and revised by addendum letter December 17, 2002, signed and sealed by Ramesh Patel, P.E.

2. Additional test report No. CTLA-1035W-2, dated February 11, 2003 per TAS 202-94 (Structural only), issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS:**

1. Statement of compliance & anchor verification evaluation report per FBC 2004, dated 06-09-2006, signed & sealed by Thomas Gordon., P.E.
2. Anchor calculations prepared by Product & Technology Corporation., dated 06-19-02, signed and sealed by Manuel Martinez, P. E. (Photo copies for reference only from file # 02-0712.03)

**D. QUALITY ASSURANCE BY;**

1. Miami-Dade County Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS** (Photo copies from files # 02-0712.03)

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.
2. 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 ASTM 1929D for "Elfoam H200", issued to Elliott Co. of Indianapolis Inc.

**F. STATEMENTS**

1. Letter of conformance & "No financial interest" dated February 04, 2008, signed and sealed by Gordon Thomas, P.E.
2. Laboratory Statement of compliance, part of the test report CTLA776W & 776-W1, signed and sealed by Ramesh Patel, P.E.

**F. OTHER**

1. This NOA **renews** NOA # **02-0712.03**, expiring March 20, 2008.
2. Test proposal **01-0131**, dated August 03, 2001 approved by BCCO.
3. IR Schlage D-Lock brochure / catalog supplied by manufacturer.

*Ishaq I. Chanda*

Ishaq I Chanda, P.E.

Product Control Examiner

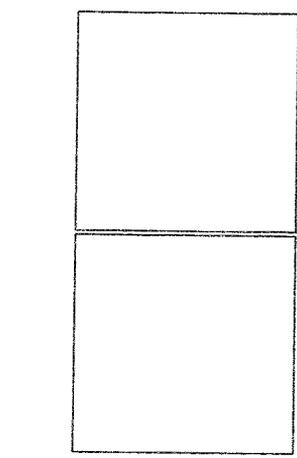
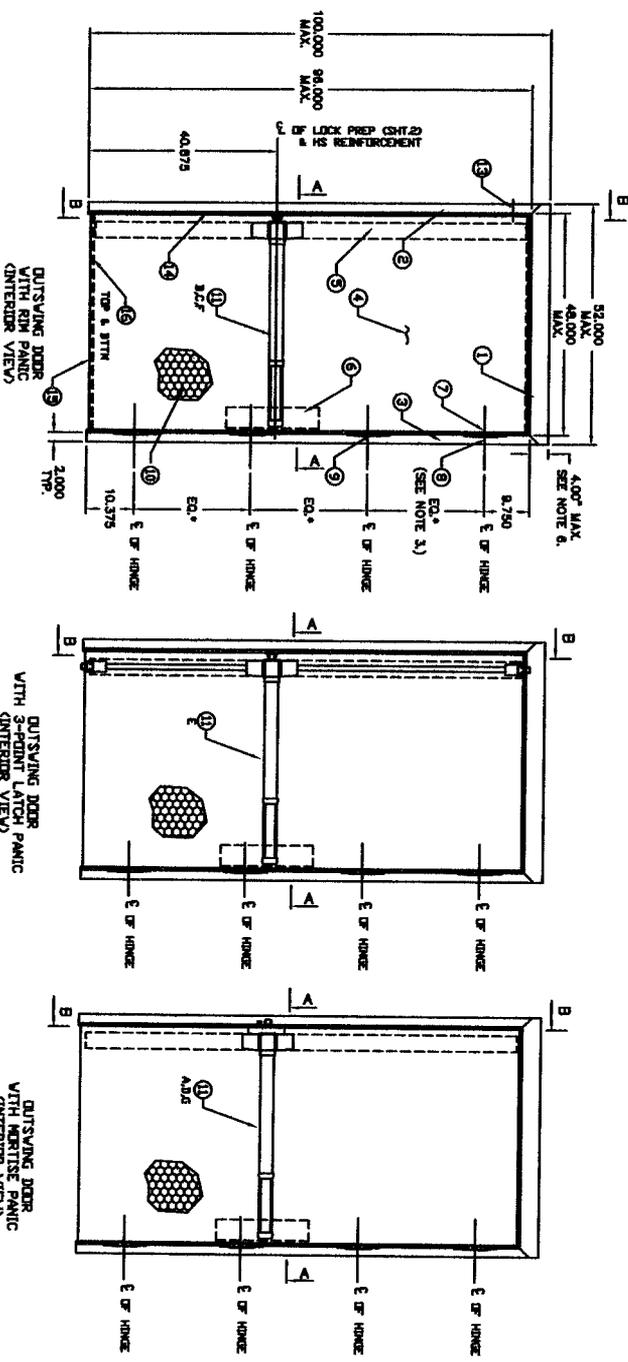
NOA No 08-0115.02

Expiration Date: March 20, 2013

Approval Date: February 29, 2008

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	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DIVGS.	02.01.02	
B	REVISED PER DC BCCD	12.09.02	
C	REVISED PER DC BCCD	01.26.03	



*Handwritten signature and date:*  
 2-3-08  
 E-46218

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SECTION SEE SHIT 8 ASTM A366	.053" MIN. STL	MAX 50"
2	1	SHOCK JAMB SEE SHIT 7 ASTM A366	.053" MIN. STL	MAX 100"
3	1	DOOR SLAB (16 GA)	.053" MIN. STL	MAX 100"
4	1	DOOR SLAB REINFORCEMENT CHANNEL	SEE SHIT 8	4.0" X 8.0" MAX
5	1	HINGE SIDE REINFORCEMENT	.053" MIN. STL	3.5" X 9.34" MAX
6	1	HINGE SIDE REINFORCEMENT CHANNEL	.053" MIN. STL	MAX 20"
7	1	HINGE SIDE REINFORCEMENT CHANNEL	.053" MIN. STL	1.28" X 5.19"
8	1	NOTE 3. HINGE REINFORCEMENT FRAME ASTM A361	.171" MIN. STL	1.5" X 9.18"
9	1	NOTE 3. STAINLESS STEEL HINGE	.134" MIN. STL	4.5" X 4.5" (12-24 MS) & SCREWS PER HINGE
10	1	CORE MATERIAL: A) HOPE CORE B) STEEL STIFFENED POLYSTYRENE C) POLYSTYRENE D) POLYURETHANE E) MINERAL BOARD TEMPERATURE RISE CORE F) POLYSTYRENE G) POLYURETHANE H) POLYSTYRENE I) POLYSTYRENE J) POLYSTYRENE K) POLYSTYRENE L) POLYSTYRENE M) POLYSTYRENE N) POLYSTYRENE O) POLYSTYRENE P) POLYSTYRENE Q) POLYSTYRENE R) POLYSTYRENE S) POLYSTYRENE T) POLYSTYRENE U) POLYSTYRENE V) POLYSTYRENE W) POLYSTYRENE X) POLYSTYRENE Y) POLYSTYRENE Z) POLYSTYRENE	SEE SHEET 6	47/68" X 93.5" MAX
11	1	LOCKING HARDWARE - EXIT DEVICE A) VON DUPREN 9975 MORTISE B) VON DUPREN 9975 RIN C) VON DUPREN 9975 RIN D) VON DUPREN 9975 RIN E) VON DUPREN 9975 RIN F) VON DUPREN 9975 RIN G) VON DUPREN 9975 RIN H) VON DUPREN 9975 RIN I) VON DUPREN 9975 RIN J) VON DUPREN 9975 RIN K) VON DUPREN 9975 RIN L) VON DUPREN 9975 RIN M) VON DUPREN 9975 RIN N) VON DUPREN 9975 RIN O) VON DUPREN 9975 RIN P) VON DUPREN 9975 RIN Q) VON DUPREN 9975 RIN R) VON DUPREN 9975 RIN S) VON DUPREN 9975 RIN T) VON DUPREN 9975 RIN U) VON DUPREN 9975 RIN V) VON DUPREN 9975 RIN W) VON DUPREN 9975 RIN X) VON DUPREN 9975 RIN Y) VON DUPREN 9975 RIN Z) VON DUPREN 9975 RIN		
12	1	THRESHOLD SLIP RESISTANT A) NATL GUARD (1/2") LEAD 5864 B) NATL GUARD (1/2") LEAD 5864 C) NATL GUARD (1/2") LEAD 5864 D) NATL GUARD (1/2") LEAD 5864 E) NATL GUARD (1/2") LEAD 5864 F) NATL GUARD (1/2") LEAD 5864 G) NATL GUARD (1/2") LEAD 5864 H) NATL GUARD (1/2") LEAD 5864 I) NATL GUARD (1/2") LEAD 5864 J) NATL GUARD (1/2") LEAD 5864 K) NATL GUARD (1/2") LEAD 5864 L) NATL GUARD (1/2") LEAD 5864 M) NATL GUARD (1/2") LEAD 5864 N) NATL GUARD (1/2") LEAD 5864 O) NATL GUARD (1/2") LEAD 5864 P) NATL GUARD (1/2") LEAD 5864 Q) NATL GUARD (1/2") LEAD 5864 R) NATL GUARD (1/2") LEAD 5864 S) NATL GUARD (1/2") LEAD 5864 T) NATL GUARD (1/2") LEAD 5864 U) NATL GUARD (1/2") LEAD 5864 V) NATL GUARD (1/2") LEAD 5864 W) NATL GUARD (1/2") LEAD 5864 X) NATL GUARD (1/2") LEAD 5864 Y) NATL GUARD (1/2") LEAD 5864 Z) NATL GUARD (1/2") LEAD 5864		.100" ALUM. 8003 TS
13	1	NOTE 2. JAMB ANCHOR ASTM A362 SEE SHEET 5		
14	1	PS074 WEATHER STRIPPING		
15	1	FAS-SEAL DOOR SWEEP		
16	1	PS074 WEATHER STRIPPING		
17	1	PS074 WEATHER STRIPPING		

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 06-0115-02  
 Registration Date March 24, 2013  
 Miami Trade Product Center  
 Division

NOTES:  
 1. TWO ROWS OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD.  
 2. ANCHOR REQUIREMENTS.  
 3. SEE SHEET 8 FOR APPROVED ANCHORS.  
 4. SEE SHEET 6 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.  
 5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.  
 6. 4" FACE HEAD IS AVAILABLE WHEN FRAME IS GROUTED WITH CONCRETE.  
 7. APPLY CALK AS NEEDED.

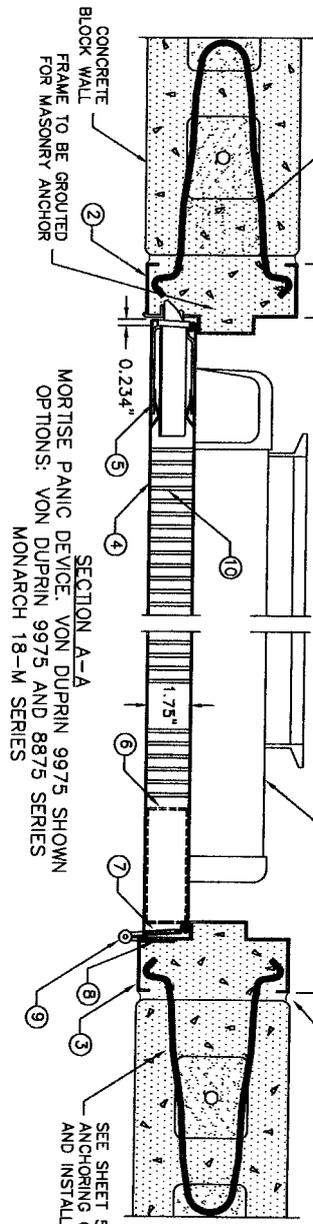
INGERSOLL-RAND COMPANY  
 STEELCRAFT MFG.  
 9017 Bulwer Rd. Cincinnati Ohio 45246

DATE OF CONSTRUCTION: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 L16 - 4 4080 SINGLE (OUTSWING) WITH IR PANIC EXIT HARDWARE

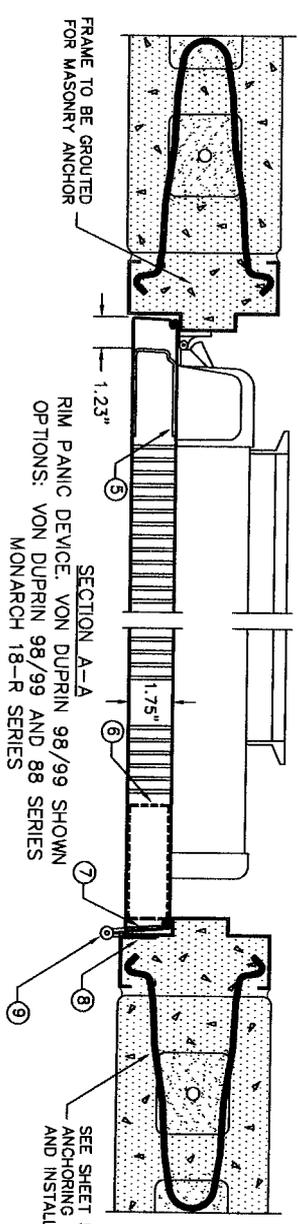
SCALE: \_\_\_\_\_  
 SHEET: 1 OF 8  
 DRAWING NO: 776W

52" MAX.

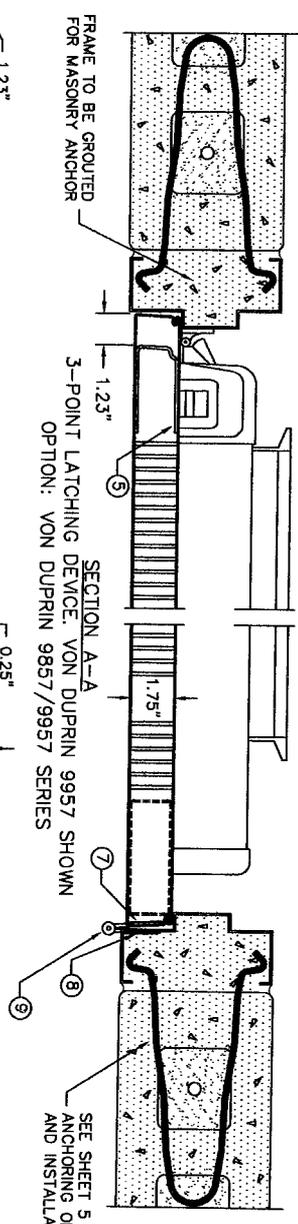
SHIM AS NEEDED  
.25" MAX SEE SHT. 5



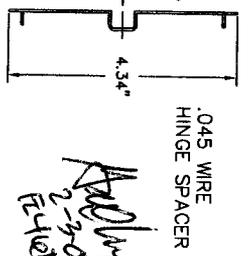
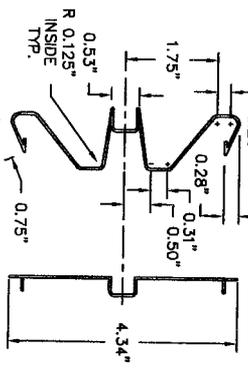
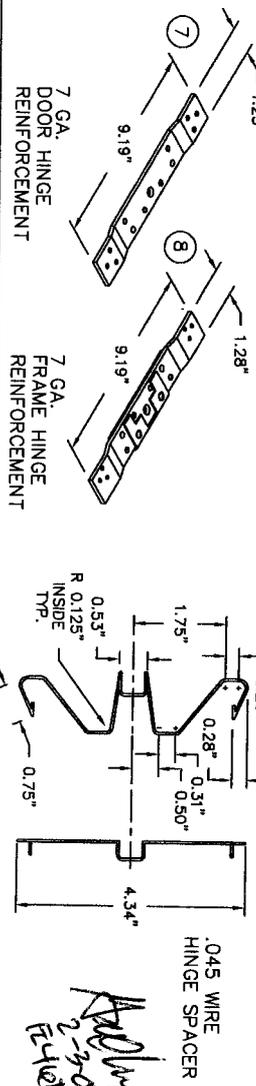
SECTION A-A  
MORTISE PANIC DEVICE: VON DUPRIN 9975 SHOWN  
OPTIONS: VON DUPRIN 9975 AND 8875 SERIES  
MONARCH 18-M SERIES



SECTION A-A  
RIM PANIC DEVICE: VON DUPRIN 98/99 SHOWN  
OPTIONS: VON DUPRIN 98/99 AND 88 SERIES  
MONARCH 18-R SERIES

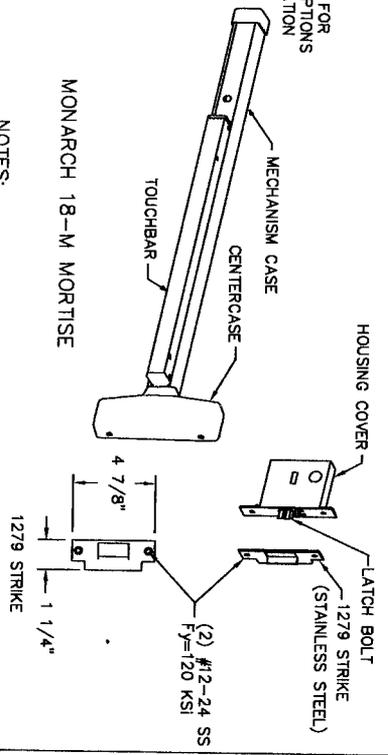


SECTION A-A  
3-POINT LATCHING DEVICE: VON DUPRIN 9957 SHOWN  
OPTION: VON DUPRIN 9857/9957 SERIES



*Handwritten signature and date:*  
K. [Signature]  
2-3-08  
FEL 1018

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	01.30.02	
B	REVISED PER DC BCCO	YMF 12.09.02	
C	REVISED PER DC BCCO	YMF 01.29.03	



MONARCH 18-M MORTISE

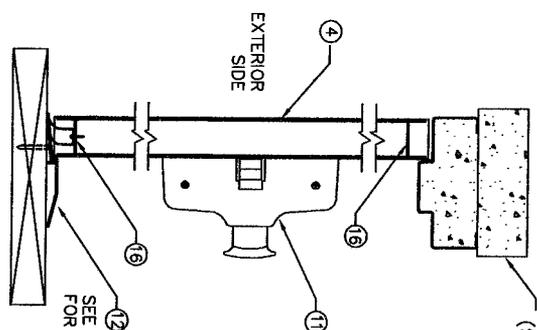
- NOTES:
1. SEE SHT. 1 FOR ELEVATION, MATERIAL AND SIZE
  2. SEE SHT. 1 NOTE 2. FOR ANCHOR REQUIREMENTS
  3. SEE SHT. 5 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM.
  4. SEE SHT. 6 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS.
  5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS.

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-0115-02  
Expiration Date: 12/31/2013  
15 Aug 11, L.L. [Signature]  
Ingersoll-Rand Product Control  
Division

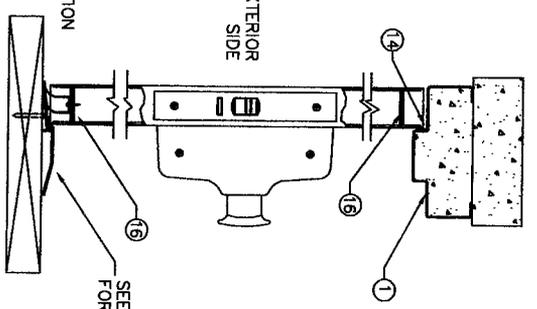
BEND RADIUS		DATE COUNTY	
THIRD ANGLE PROJECTION		DATE COUNTY	
DRAWN	DATE	TITLE	
MP	01/30/02	CROSS SECTION OF DOOR AND FRAME	
CHECKED		IR EXIT HARDWARE	
APPROVED		4080 SINGLE DOORS	
ENG. APPL.		SCALE:	NTS
		SIZE:	FLAT
		DWG. NO.:	776W
		SHEET:	2 OF 8
		REV:	C
		SCALE:	AUTOCAD

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

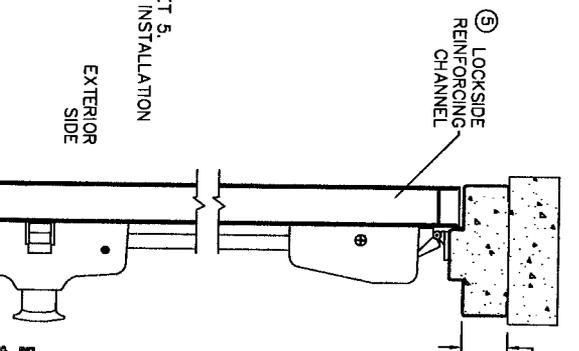
CONCRETE UNTEL  
(SEE NOTE 6.)



SECTION B-B  
RIM PANIC DEVICE  
VON DUPRIN 98/99 SERIES  
OPTIONS:  
VON DUPRIN 88 SERIES  
MONARCH 18-R SERIES

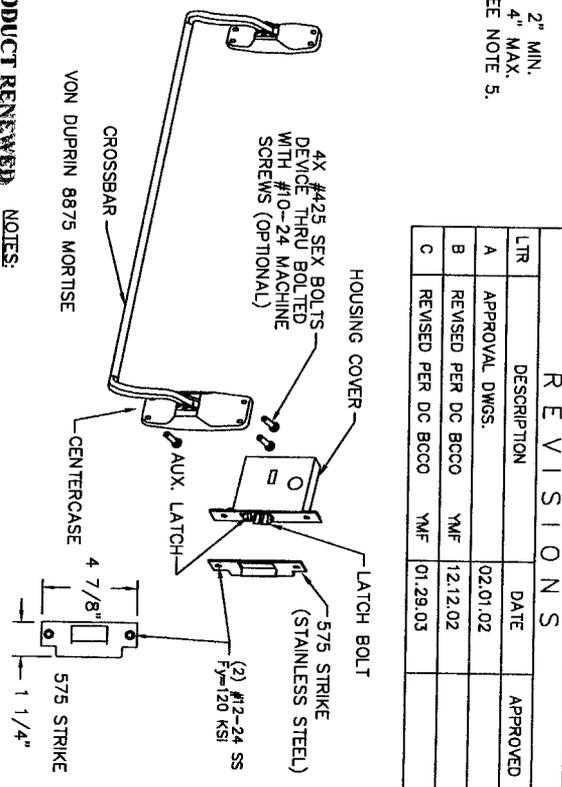


SECTION B-B  
MORTISE PANIC DEVICE  
VON DUPRIN 9975 SERIES  
OPTIONS:  
VON DUPRIN 8875 SERIES  
MONARCH 18-M SERIES



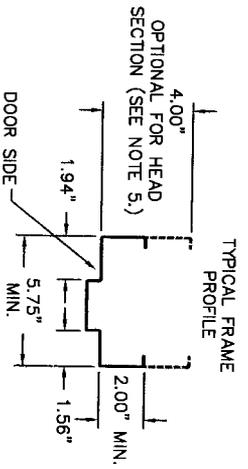
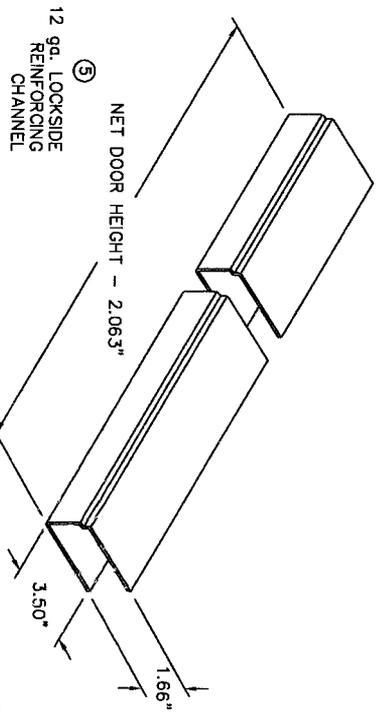
SECTION B-B  
3-POINT LATCHING DEVICE  
VON DUPRIN 9857/9957 SERIES

2" MIN.  
4" MAX.  
SEE NOTE 5.



**PRODUCT RENEWED NOTES:**

- 1. SEE SHIT 1 FOR ELEVATION, MATERIAL AND SIZE.
- 2. SEE SHIT. 5 FOR WALL CONSTRUCTION AND ANCHORING REQUIREMENTS AND LOCATIONS.
- 3. SEE SHIT. 6 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS.
- 4. APPROVED HARDWARE INSTALLATION IS PER Manufacturer's INSTRUCTIONS.
- 5. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE.
- 6. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST COMPLY WITH APPROVED DESIGN PRESSURE RATING.

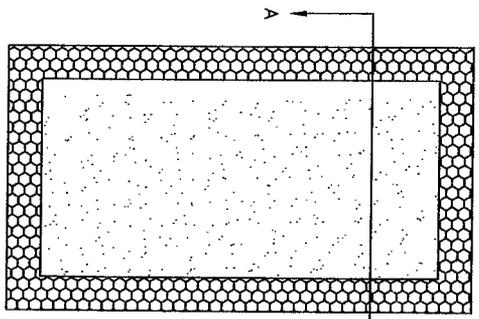


*Paul W  
3-08  
F416718*

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02.01.02	
B	REVISED PER DC BCCO	12.12.02	
C	REVISED PER DC BCCO	01.29.03	

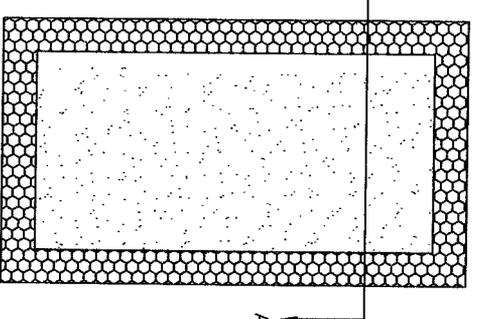
BEND RADIUS		DATE COUNTY		DRAWN		TITLE	
THIRD ANGLE PROJECTION		DATE		NIP		CROSS SECTION OF DOOR AND FRAME	
CHECKED		DATE		DATE		IR EXIT HARDWARE	
APPROVED		DATE		DATE		4080 SINGLE DOORS	
ENG. APPL.		DATE		DATE		SCALE: NTS AUTOCAD	
DATE		DATE		DATE		SIZE: FLAT DWG. NO. 776W SHEET 3 OF 8 REV C	
DATE		DATE		DATE		INGERSOLL-RAND COMPANY	
DATE		DATE		DATE		STEELCRAFT MFG.	
DATE		DATE		DATE		9017 Buxton Rd. Cincinnati Ohio 45242	

SECTION A-A



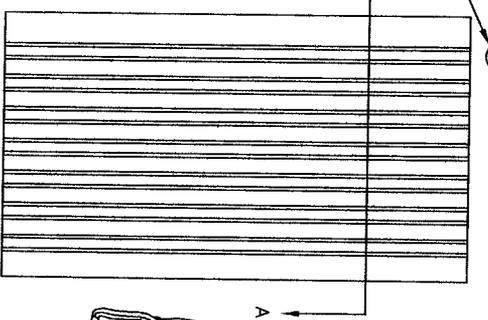
(A) POLYSTYRENE  
EXPANDED POLYSTYRENE FOAM  
GRADES 54 AND 86  
DENSITY: 1.0 LB/CUFT

SECTION A-A



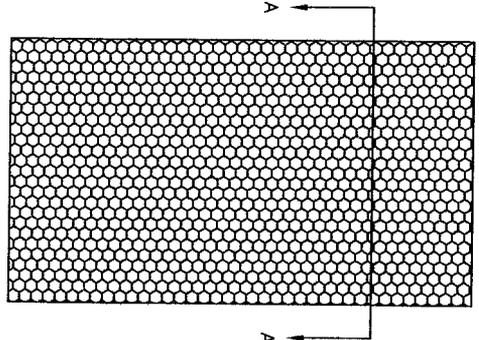
(B) POLYURETHANE  
ELFOAM H200  
DENSITY: 2.0 LBS/CUFT

SECTION A-A

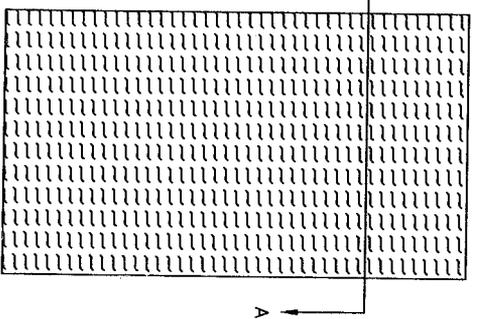


(C) STEEL STIFFENED  
HAT SHAPED SECTIONS 20 GA.  
MIN. WELDED 6" O.C. TO INSIDE  
OF FACE SHEETS. HAT SHAPED  
STIFFENERS TO BE WELDED TOGETHER  
AT TOP AND BOTTOM

SECTION A-A



(D) HONEYCOMB  
KRAFT PAPER, 1.2" CELL SIZE



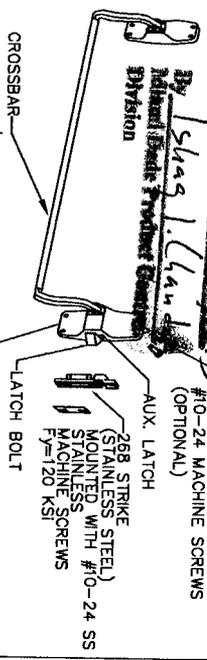
(E) TEMPERATURE RISE CORE  
MINERAL AND FIBER BOARD  
DENSITY: 17 ± 1.5 LBS/CUFT

SEE  
DETAIL 'A'

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP		
B	REVISED PER DC BCCO	YMF 12.09.02	
C	REVISED PER DC BCCO	YMF 01.29.03	

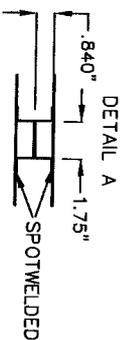
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-015-02  
Expiration Date 04/22/13  
(DEVICE THRU BOLTED WITH  
#10-24 MACHINE SCREWS  
(OPTIONAL))

By *Shing J. Chan*  
National Bank Product Group  
Division



3 3/4" 268 STRIKE  
1 1/4" VON DUPRIN 88-F RIM

NOTE:  
CORE MATERIAL SHOWN  
WITHOUT HARDWARE REINFORCEMENTS

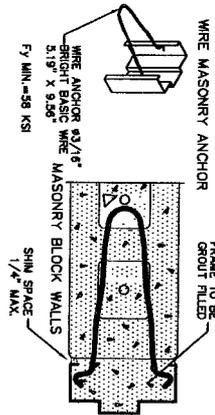
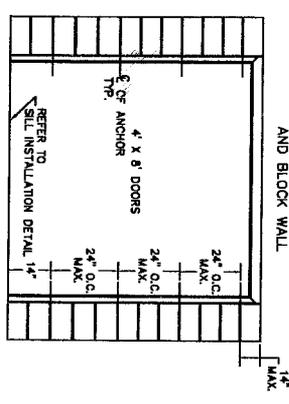


DOOR WIDTH	STIFFENERS
22' .20"	3
24' .26"	4
210' .30"	5
32' .34"	6
38' .310' .40"	7

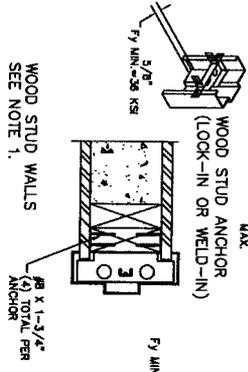
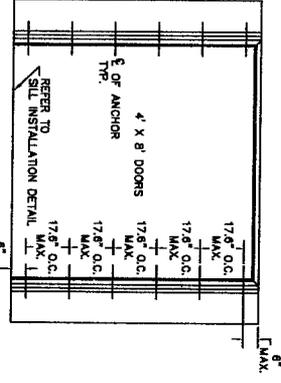
*Handwritten notes:*  
RWD  
12-3-08  
F-240716

BEND RADIUS		TITLE	
		INGERSOLL-RAND COMPANY	
THIRD ANGLE PROJECTION		DADE COUNTY	
DRWN	DATE	9017 Buwalki Rd. Cincinnati Ohio 45242	
YMF	04/09/02	STEELCRAFT MFG.	
CHECKED		DADE COUNTY TEST UNIT	
APPROVED		CORE MATERIALS	
ENG. APPVL.		SCALE:	N.T.S. AUTOCAD
		SIZE:	FLAT
		DWG. NO.:	776W
		SHEET:	4 OF 8
		REV:	C

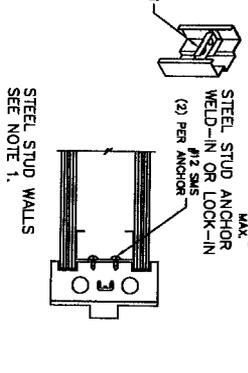
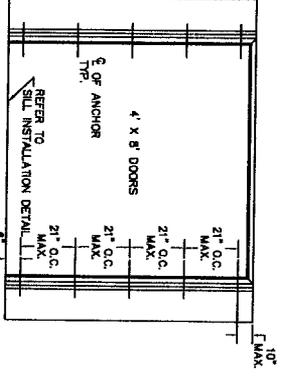
**A** WIRE MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



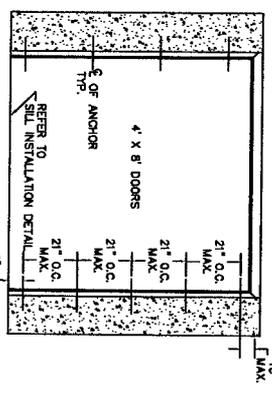
**B** WOOD STUD ANCHOR



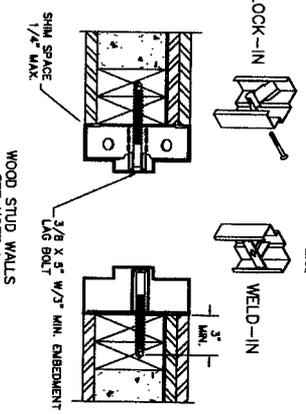
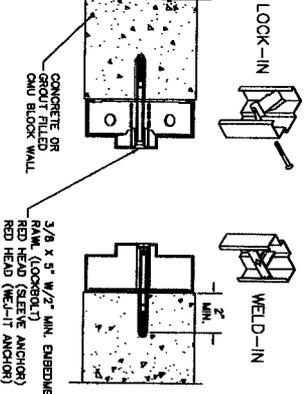
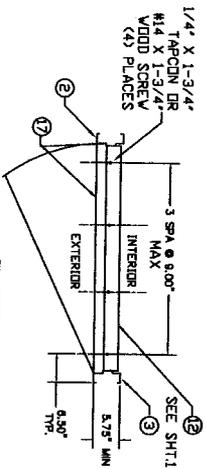
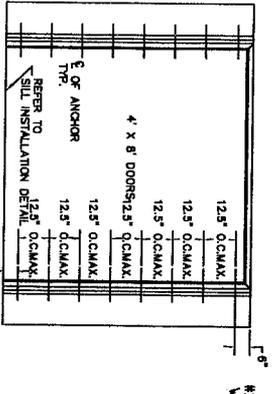
**C** STEEL STUD ANCHOR



**D** EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



**E** EXISTING MASONRY ANCHOR (EMA) WITH LAG BOLT INTO WOOD STUD WALL



NOTES:

- WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 320 #/ft. LOAD, AND SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
- NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
B	revised per DC BCCD	ymf 12.12.02	
C	REVISED PER DC BCCD	ymf 01.29.03	
D	REVISED PER DC BCCD	ymf 02.19.03	

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 08-0115-02  
 Expiration Date MAR 20 2013  
 By Shag I. Chavala  
 Material Testing Division

*Paul W...*  
 2-3-08  
 PL 40716

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

**ANCHOR DETAILS / MOUNTING CONDITIONS**

THIRD ANGLE PROJECTION	DATE	01/10/02
CHECKED	DATE	01/10/02
APPROVED	DATE	
ENG. APPROV.	DATE	

SCALE: NTS AUTOCAD

SIZE: FLAT

DWG NO: 776W

SHEET 5 OF 8

REV: D

AVAILABLE DOOR CONFIGURATIONS  
(SEE NOTE 1.)

DOOR SERIES	CORE MATERIAL PER SHIT.7	MAXIMUM DOOR OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
L	HONEYCOMB POLYSTYRENE POLYURETHANE	4'0"	8'0"	CRS GALV	16/.053" 14/.067"
B	STEEL STIFFENED	4'0"	8'0"	CRS GALV	16/.053" 14/.067"
SL	HONEYCOMB POLYSTYRENE POLYURETHANE	4'0"	8'0"	STAINLESS STEEL	16/.053"
T	MINERAL FIBER	4'0"	8'0"	CRS GALV	16/.053" 14/.067"
CE	POLYSTYRENE / HONEYCOMB	3'8" 3'0"	7'0" 8'0"	CRS GALV	16/.053"

AVAILABLE FRAME CONFIGURATIONS  
(SEE NOTE 2.)

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

MINIMUM YIELD STRENGTH = 26,500 PSI

TABLE 3.

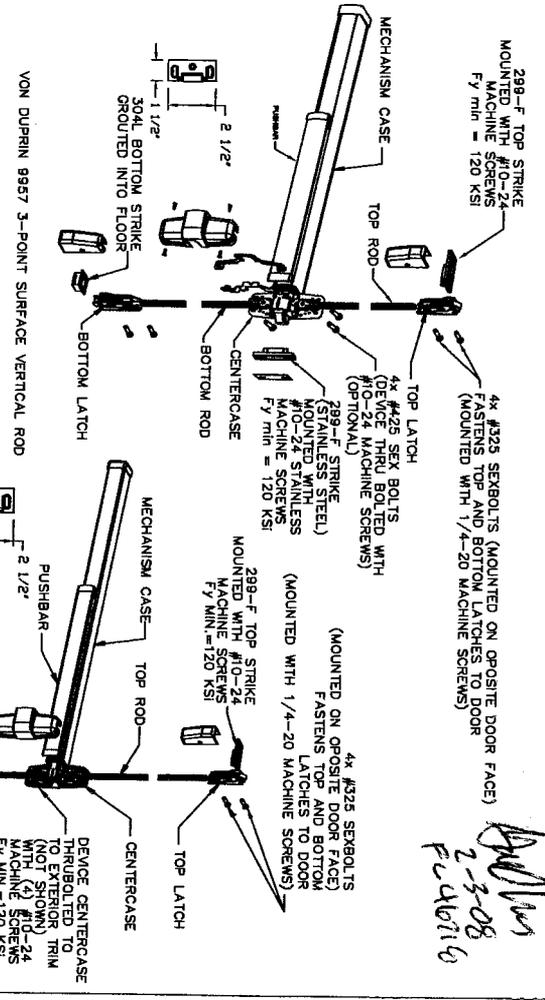
CRS	ASTM A1008
HRS	ASTM A1011
GALV.	A60
ASTM	A924
STL.	304, 306
ASTM	A240

NOTES:

- DOOR CONSTRUCTION
  - MINIMUM DOOR THICKNESS - 1 3/4"
  - DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS (SEE TABLE.1)
  - ALL DOORS ARE FLUSH - NO LITES OR LOUVERS ALLOWED PER THIS APPROVAL
- 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.2)
- FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG		
B	REVISED PER DC BCCD	12.12.02	
C	REVISED PER DC BCCD	YMF 01.29.03	



PRODUCT RENEWED as complying with the Florida Building Code

Acceptance No. 08-0115-02  
Expiration Date 07/20, 2013

By: *[Signature]*  
Miami Dade Product Control Division

BEND RADIUS

THIRD ANGLE PROJECTION

BRAN N/A DATE

CHECKED DATE

APPROVED

ENG. APPVL

SIZE: FLAT

DWG NO: 776W

SCALE: NTS

SHEET: 6 OF 8

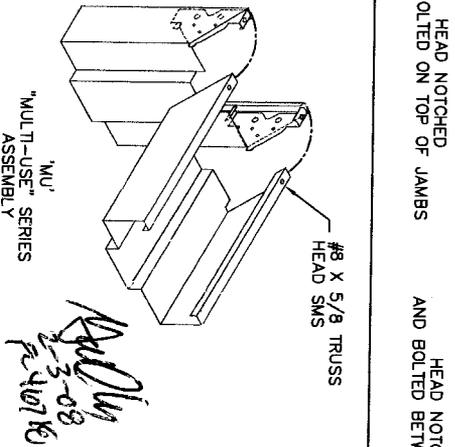
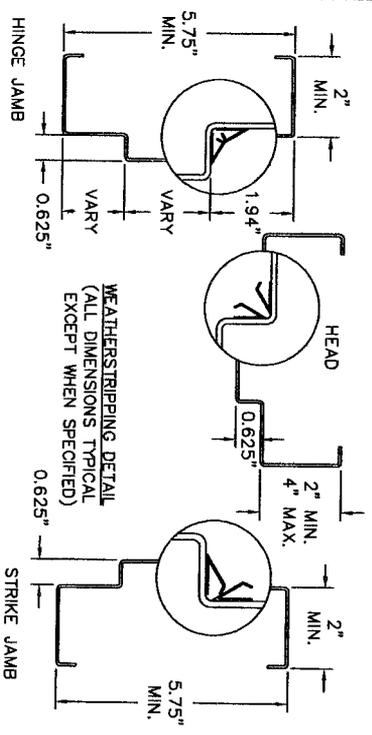
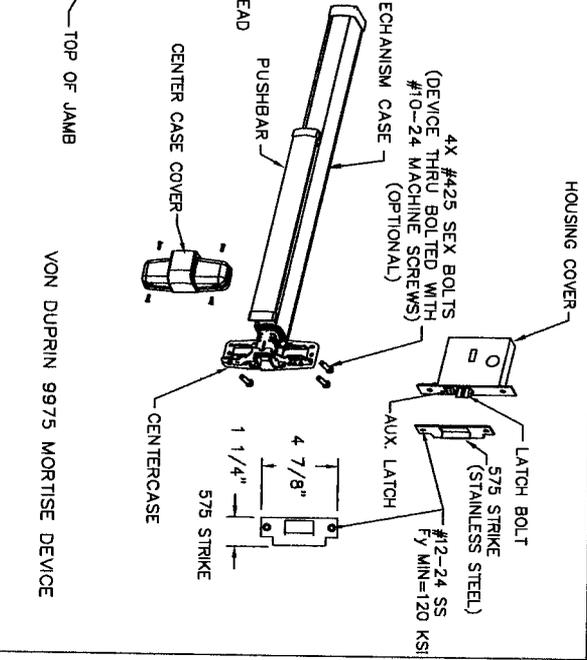
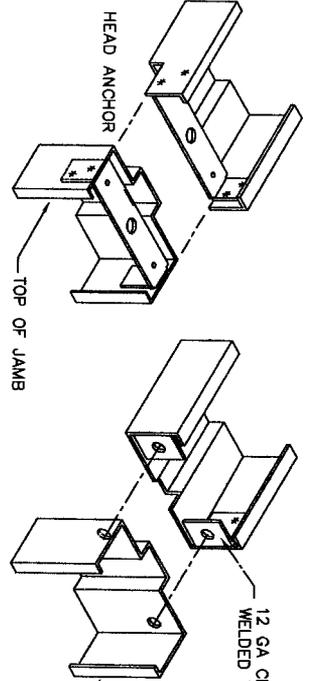
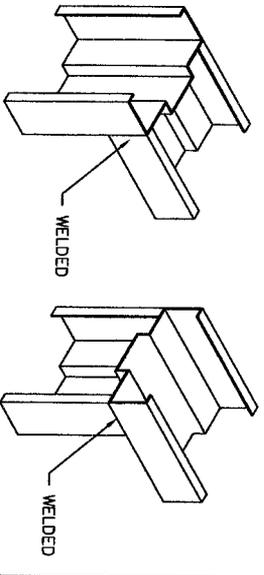
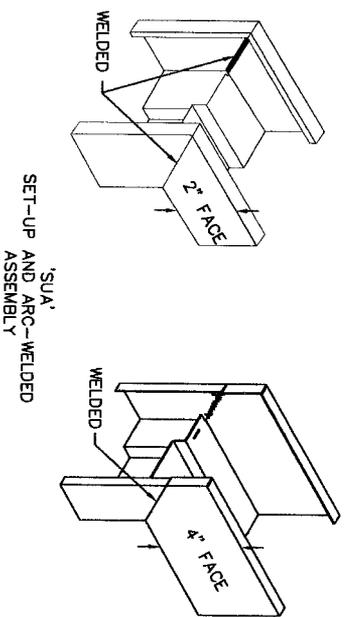
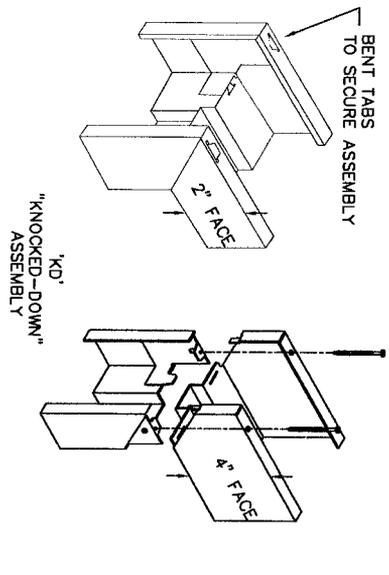
REV: C

**INGERSOLL-RAND COMPANY**  
STEELCRAFT MFG.  
9013 Buckner Rd. Cincinnati Ohio 45248

DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS.

REVISIONS

LR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP		
B	REVISED PER DC BCCO	12.09.02	
C	REVISED PER DC BCCO	01.29.03	

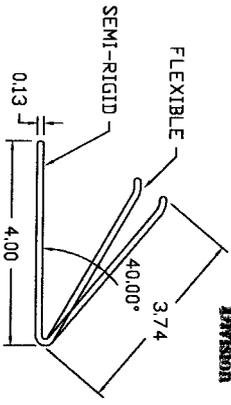
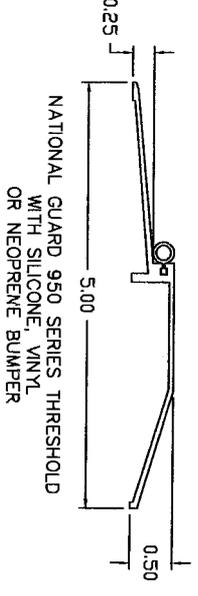
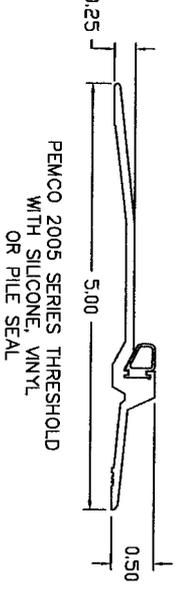
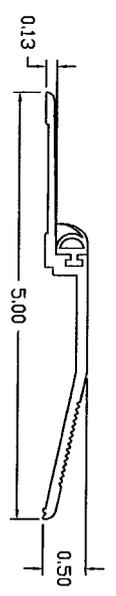
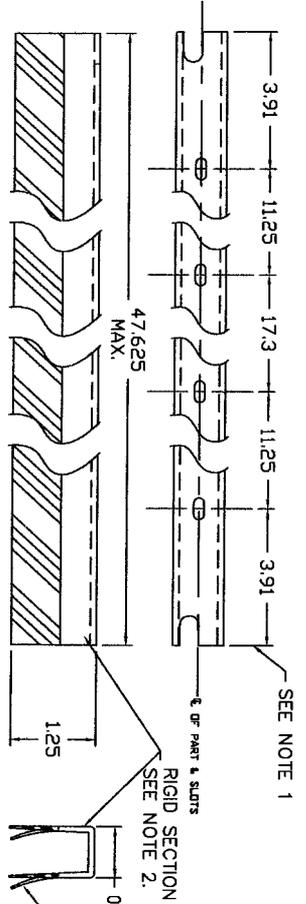


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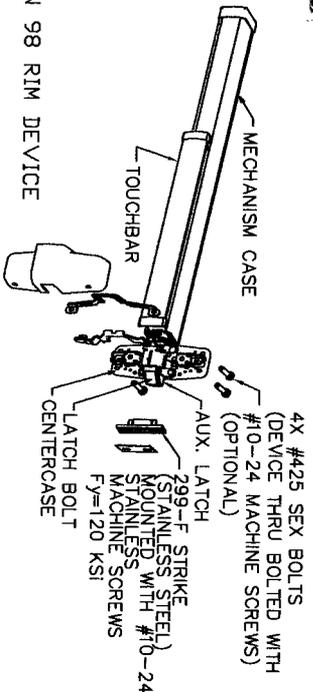
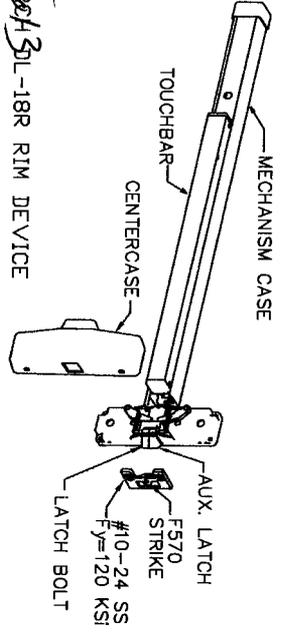
**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 08-015-02  
 Expiration Date Mar 20 2013  
 By James L. Leland  
James L. Leland  
Division

<p>SDR RADIUS</p>	<p>THIRD ANGLE PROJECTION</p> <p>DATE: 02/05/02</p>	<p>DATE: 02/05/02</p>
<p>DRANK</p> <p>NP</p> <p>CHECKED</p> <p>APPROVED</p> <p>ENG. APPROV.</p>	<p>DATE COUNTY</p> <p>9072 Blush Rd. Cincinnati Ohio 45242</p> <p><b>INGERSOLL-RAND COMPANY</b></p> <p>STEELCRAFT MFG.</p>	<p>TITLE</p> <p>CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH FRAME AND MU FRAMES</p>
<p>SCALE: NTS</p> <p>AUTOCAD</p>	<p>SIZE: 7 1/2" x 10 1/2"</p> <p>DWG. NO.: 776W</p> <p>SHEET: 7 OF 8</p>	<p>REV: C</p>

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHDP		
B	REVISED PER DC BCCD	12.09.02	
C	REVISED PER DC BCCD	01.29.03	



**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 2008-0115-02  
 Expiration Date 12/27/2011  
 By Shag L. Hunt  
 Miami-Dade Product Division



VON DUPRIN 98 RIM DEVICE

- NOTES:
1. SWEEP MOUNTING 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

*Handwritten:* Addm  
 2-3-08  
 PL46110

BEND RADIUS		TITLE		DATE QUANT	
		INGERSOLL-RAND COMPANY		9017 Buckner Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION		DOOR ACCESSORIES		DATE	
DRAWN		BOTTOM SWEEP		REVISED	
CHECKED		THRESHOLDS		AND WEATHERSTRIPPING	
APPROVED		SIZE		DRAW NO.	
ENG. APPROV.		FLAT		776W	
		SCALE		SHEET	
		NTS		8 OF 8	
		AUTOCAD		REV	
				C	