



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Steelcraft Manufacturing Company**  
9017 Blue Ash Road  
Cincinnati, OH 45242

Your application for Notice of Acceptance (NOA) of:

**Series B, CE, L, SL, & (F, MU) Flush Outswing Commercial Steel Door-Impact**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0129.08**  
**EXPIRES: 10/01/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 08/02/2001**

**Steelcraft Manufacturing Co.**

ACCEPTANCE No.: 01-0129.08

APPROVED : August 02, 2001

EXPIRES : October 01, 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

1. **SCOPE**
  - 1.1 This renews the Notice of Acceptance No. **98-0429.01**, which was issued on October 01, 1998. It approves a commercial steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.
2. **PRODUCT DESCRIPTION**
  - 2.1 The **Series B, CE, L, SL Door and F, MU frame, Flush Outswing Commercial Steel Door-Impact** and its components shall be constructed in strict compliance with the following documents: Drawing No **261-W**, titled "Dade county L16-4 4070 Monarch Exit Hardware", Sheets 1 through 7 of 7, prepared by manufacturer, dated 08/18/98 thru 06/02/98, 7-24-98 and last revised on 07-05-01, 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 Division. These documents shall hereinafter be referred to as the approved drawings.
3. **LIMITATIONS**
  - 3.1 This approval applies to single unit applications of single door only, as shown in approved drawings
  - 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.
4. **INSTALLATION**
  - 4.1 The commercial steel doors and its components shall be installed in strict compliance with the approved drawings.
  - 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.
5. **LABELING**
  - 5.1 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".
6. **BUILDING PERMIT REQUIREMENTS**
  - 6.1 Application for building permit shall be accompanied by copies of the following:
    - 6.1.1 This Notice of Acceptance
    - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
    - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

**Steelcraft Manufacturing Co.**

ACCEPTANCE No.: 01-0129.08

APPROVED : August 02, 2001

EXPIRES : October 01, 2006

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**  
***(For File ONLY. Not part of NOA.)***

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda  
Ishaq I. Chanda, P. E., Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

Steelcraft Manufacturing Co.

ACCEPTANCE No.: 01-0129.08

APPROVED : August 02, 2001

EXPIRES : October 01, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. **DRAWINGS** (original transferred from file # 98-0429.01)
1. Manufacturer's die drawings and sections.
  2. Drawing No. **261W**, titled "Dade County: L16-4 4070 Monarch Exit Hardware", Sheets 1 thru 7 of 7, prepared by manufacturer, dated 08/18/98 thru 06/02/98, 7-24-98 and last revised on 07-05-01.  
(Reviewer's note: Dwg 261-W, sheet 1 of 7 and 5 of 7 has been revised for elevation anchors clarification due to incoming field installation inquiries-IC 07-09-01)
- B. **TESTS** (original transferred from file # 98-0429.01)
1. Test Report No. **CTLA-261W**, prepared by Certified Testing Laboratory, Architectural Division, tested on March 23, 1998, signed and sealed by Ramesh Patel, P.E., for the following tests:
    - 1) Air Infiltration Test, per PA 202-94
    - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
    - 3) Does not meet Water Resistance Test, per PA 202-94.
    - 4) Large Missile Impact Test per SFBC, PA 201-94
    - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
    - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with manufacturer's parts and section drawings marked by Certified Testing Laboratories.
- C. **CALCULATIONS** (original transferred from file #98-0429.01)
1. Anchor calculations prepared by Product & Application Engineering, Inc., dated 3/98 and revised on 6/98, signed and sealed by J. L. Holsonback, P.E.
- D. **MATERIAL CERTIFICATIONS** (original transferred from file #98-0429.01)
1. Tensile Test prepared by CTL Architectural Division, Report No. CTLA-261W, dated 03/31/97, for cold roll galvanized steel samples, tested per ASTM E8, signed and sealed by Ramesh Patel, P.E.
  2. Test Report No. 96921 on Test for Ignition of Plastics, issued by United States Testing Co., Inc., to **Huntsman Chemical Corp.** for their expanded polystyrene foam grades 54 and 86, per ASTM D-1929, dated August 28, 1987.
  3. Underwriter's Laboratories, Inc. Listing R7503 issued to **Huntsman Chemical Corp.** expanded polystyrene foam grades 54 and 86 per ASTM.E-84.
  4. National Evaluation Report No. NER-384, issued by National Evaluation Service, Inc. NES, dated May 1, 1994, listing results of testing performed by UL per ASTM E-84 on **Huntsman Chemical Corp.** expanded polystyrene foam grades 54 and 86.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

Steelcraft Manufacturing Co.

ACCEPTANCE No.: 01-0129.08

APPROVED : August 02, 2001

EXPIRES : October 01, 2006

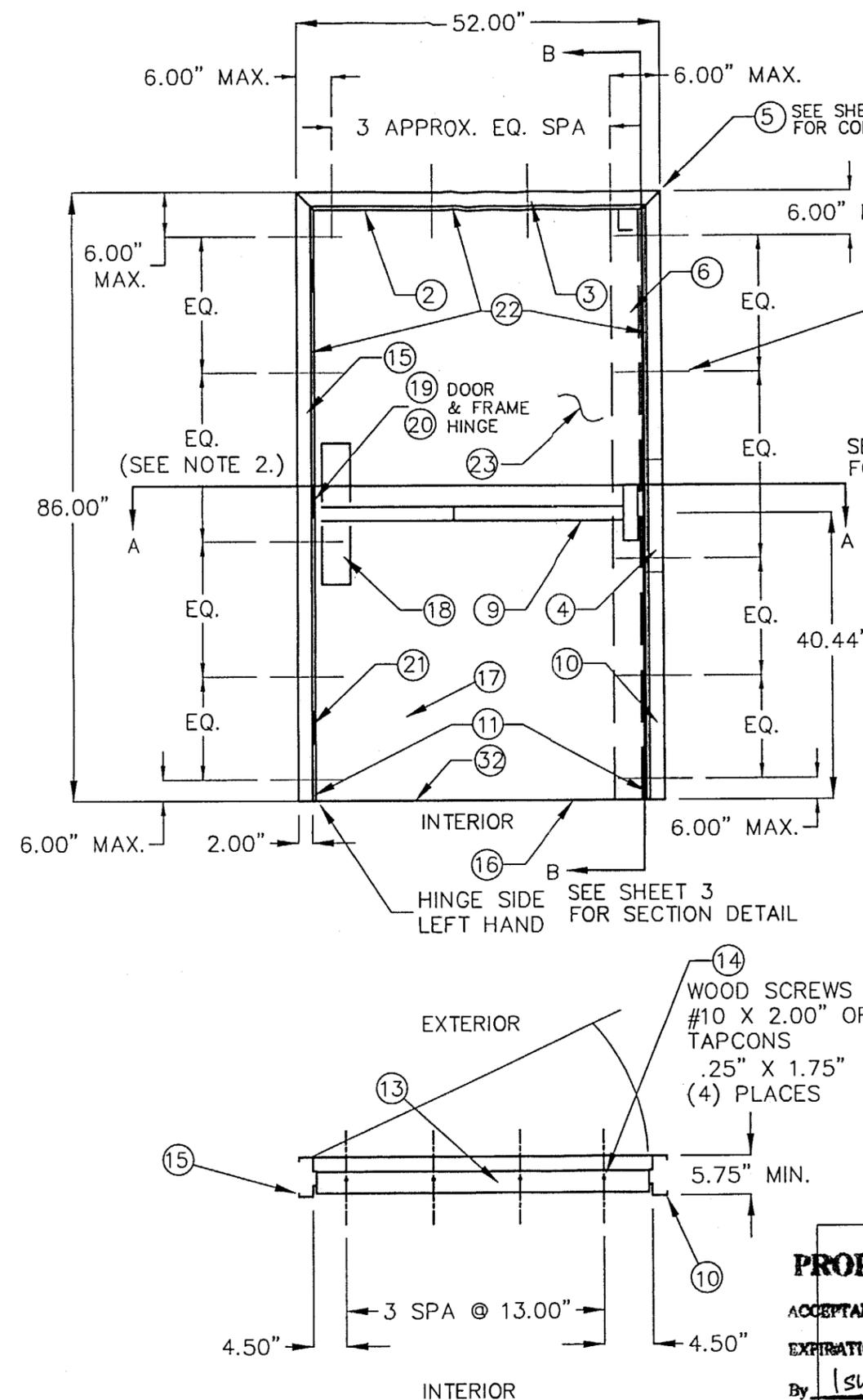
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- D. MATERIAL CERTIFICATIONS** (original transferred from file #98-0429.01)
5. Underwriter's Laboratories, Inc. Listing: R5653 (N) issued to *Dow Chemical Co.* for their *Trymer 2000* brand rigid polyurethane foam insulation per ASTM E-84 and ASTM D-1929.
  6. Underwriter's Laboratories, Inc.: UL File No.R14213 issued to *PolyFoam Packers Corporation* for their *ThermoSafe* Expanded Polystyrene BRYX foam plastic-4L19.
- E. STATEMENTS**
1. Stateman letter of conformance, dated March 23, 1998, signed by Ramesh C. Patel, P.E.
  2. Statement letter of no financial interest, dated March 11, 1998, signed by Jack Updike.
  3. Statement letter dated 01-19-2001 issued by Steel craft that product has not changed.
  4. Statement letter dated 01-19-2001 signed by James Holsonback, P.E. that he is still practicing engineer.
- F. OTHER**
1. Notice of Acceptance **98-0429.01** issued to Steelcraft Manufacturing Co. for their Series B, CE, L, SL & (F MU), Outswing Commercial Steel Door-Impact, expiring on 10/01/01.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

DESIGN PRESSURE RATING		
ITEM	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	NOT APPROVED	+85
NEGATIVE	NOT APPROVED	-85

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	2.20.98	
B	REVISED DIMENSIONS	3.4.98	
C	REVISED DIMENSIONS	7/24/98	
D	REV'D NOTES, DIM'S	YMF 7/5/01	



5 SEE SHEET 7 FOR CORNER DETAILS

6 EQ.

7 SEE SHEET 5 AVAILABLE ANCHORING METHODS  
EMA ANCHOR  
3/8" x 5" LAG SCREW  
13 PLACES

8 EQ.

SEE SHEET 2 FOR SECTION DETAIL

- 2 ROWS OF PS074 WEATHERSTRIPPING ON HEAD AND JAMBS
- MIN. (5) ANCHORS PER JAMB AND (4) ANCHORS IN HEAD REQUIRED, APPROX. EQUALLY SPACED IN LENGTH (NOT TO EXCEED 24" O.C.)
- SEE SHEET 6 FOR AVAILABLE STANDARD OPENING SIZES & SPECIFICATIONS
- HINGE LOCATIONS ON FRAME:  
FROM FLOOR TO BOTTOM HINGE 10.38" MAX  
BETWEEN HIGES TO 31.94" MAX FROM RABBET  
IN HEAD TO HINGE 9.75" MAX.

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
2	1	TOP CAP GALV. A60 ASTM 924	24 GA. GALV. (.022 MIN.)	.50" X 1.719" X 47.66" MAX
3	1	HEAD SEE SHT 6	16 GA. MIN. STL	MAX. 52"
4	1	REINFORCING SLEEVE	12 GA. GALV.	5.62" MIN. X 16"
5	2	CORNER PREP	SEE SHT 7	
6	1	VERTICAL ROD REINFORCING	14 GA. STL.	4" X 81.5" MAX
7	13	EMA SCREW	STEEL	3/8" X 5"
8	13	EMA ANCHOR	18 GA. GALV.	2.56" X 6.94" MIN.
9	1	MONARCH 18 SERIES RIM		SEE VENDOR
10	1	BLANK JAMB LOCK SIDE	16 GA. MIN. STL	MAX. 86"
11	2	CORNER SEAL	POLYPROPYLENE	.25 X 1.06" X 1.38"
13	1	NATIONAL GUARD 950A SILL WITH BUMPER GASKET	ALUM 6063 T5	.50" 5" X 48" MAX.
14	4	THRESHOLD FASTNERS	STEEL	#10 X 1.5"
15	1	LEFT HAND JAMB HINGE SIDE SEE SHT 6	16 GA. MIN. STL	MAX. 86"
16	1	DOOR TOP CAP WITH (2) PS-074 WEATHERSTRIPS	24 GA. GALV.	MAX. 47.66"
17	1	CORE MATERIAL	SEE SHT 4	47.66" X 81.5" MAX
		A) POLYSTYRENE B) POLYURETHANE C) HONEYCOMB D) STEEL STIFFENED		
18	1	HINGE SIDE PANIC REINFORCING	14 GA. STL.	4.13" X 20"
19	3	HINGE REINFORCING DOOR	7 GA. STL. MIN	1.28" X 9.19"
20	3	HINGE REINFORCING FRAME	7 GA. STL. MIN	1.50" X 9.19"
21	3	HAGER 1279 HINGE	X .134	4.50" X 4.50"
22	6	PS074 WEATHER STRIPPING	TPE	MAX 87.00"
23	1	DOOR SLAB	SEE SHT 8	4070 MAX.
32	2	END CHANNEL GALV. ASTM A924	.067 MIN. GALV	.69" X 1.66" X 47.66" MAX

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0129-08

EXPIRATION DATE OCTOBER 01, 2006

By Shaq Chauda

**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN: **RK** DATE: 2.20.97

CHECKED:

APPROVED:

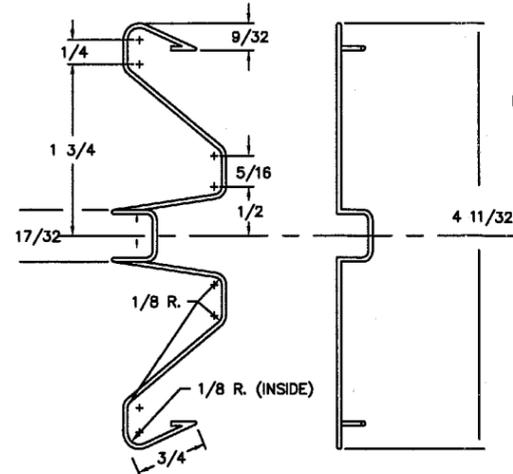
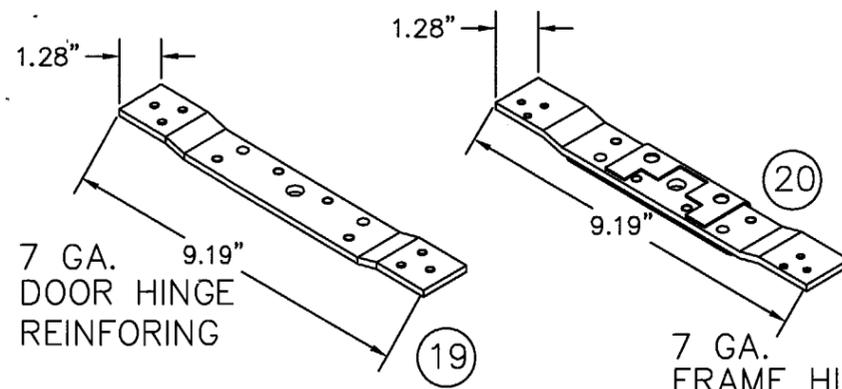
ENG. APPVL:

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

TITLE: **DADE COUNTY**  
**DADE COUNTY L16 - 4 4070**  
**MONARCH EXIT HARDWARE**

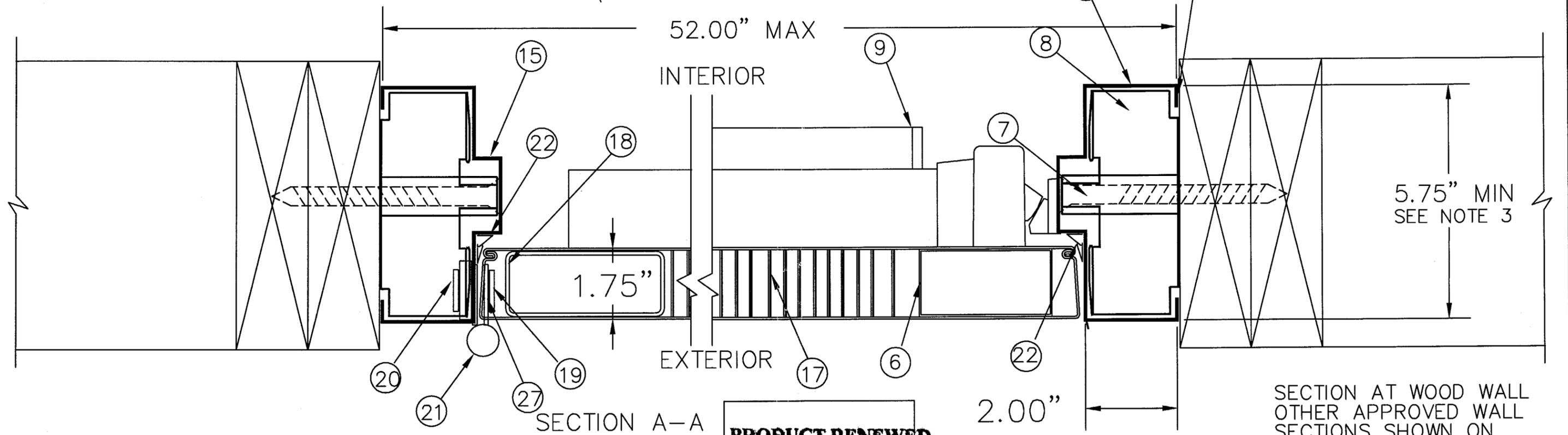
SIZE: **FLAT** DWG NO. **261W** SHEET **1 OF 7** REV **D**

SCALE: **21** **AUTOCAD**



(27) .045 WIRE HINGE SPACER

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	2.20.98	
B	GENERAL REVISION	3.4.98	
C	TOTAL REV	6.9.98	
D	GENERAL REVISION	7/24/98	



**PRODUCT RENEWED**

ACCEPTANCE No. 01-0129.08 1. SEE SHEET 1 FOR ELEVATION  
 EXPIRATION DATE OCTOBER 01, 2006  
 By Ishag I. Chanda 2. SEE MANUFACTURES DRAWINGS FOR OPTIONAL RIM DEVICES AND OPTIONS  
 PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE 3. SEE SHT 6 FOR OTHER JAMB DEPTHS & SPECIFICATIONS

ITEM	QUANTITY	DESCRIPTION
6	1	VERTICAL ROD REINFORCING
7	13	EMA SCREW 3/8" X 5
8	13	EMA ANCHOR 3/8" HEAD 5/8" JAMB
9	1	MONARCH 18 SERIES RIM DEVICE
10	1	JAMB LOCK SIDE W/REINFORCING SLEEVE
15	1	LEFT HAND JAMB HINGE SIDE
17	1	CORE MATERIAL A) POLYSTYRENE B) POLYURETHANE C) HONEYCOMB D) STEEL STIFFENED
18	1	HINGE SIDE PANIC REINFORCMENT
19	1	HINGE REINFORCING DOOR
20	1	HINGE REINFORCING FRAME
21	3	HAGER 1279 HINGE
22	4	PS074 WEATHER STRIPPING
27	3	.045 WIRE HINGE SPACER

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE October 01 1998  
 BY Ishag I. Chanda  
 PRODUCT CONTROL DIV.S ON BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-0421.01

BEND RADIUS

THIRD ANGLE PROJECTION

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

TITLE DADE COUNTY  
 CROSS SECTION OF DOOR AND FRAME  
 MONARCH EXIT HARDWARE

DRAWN **RK** DATE 2.20.98

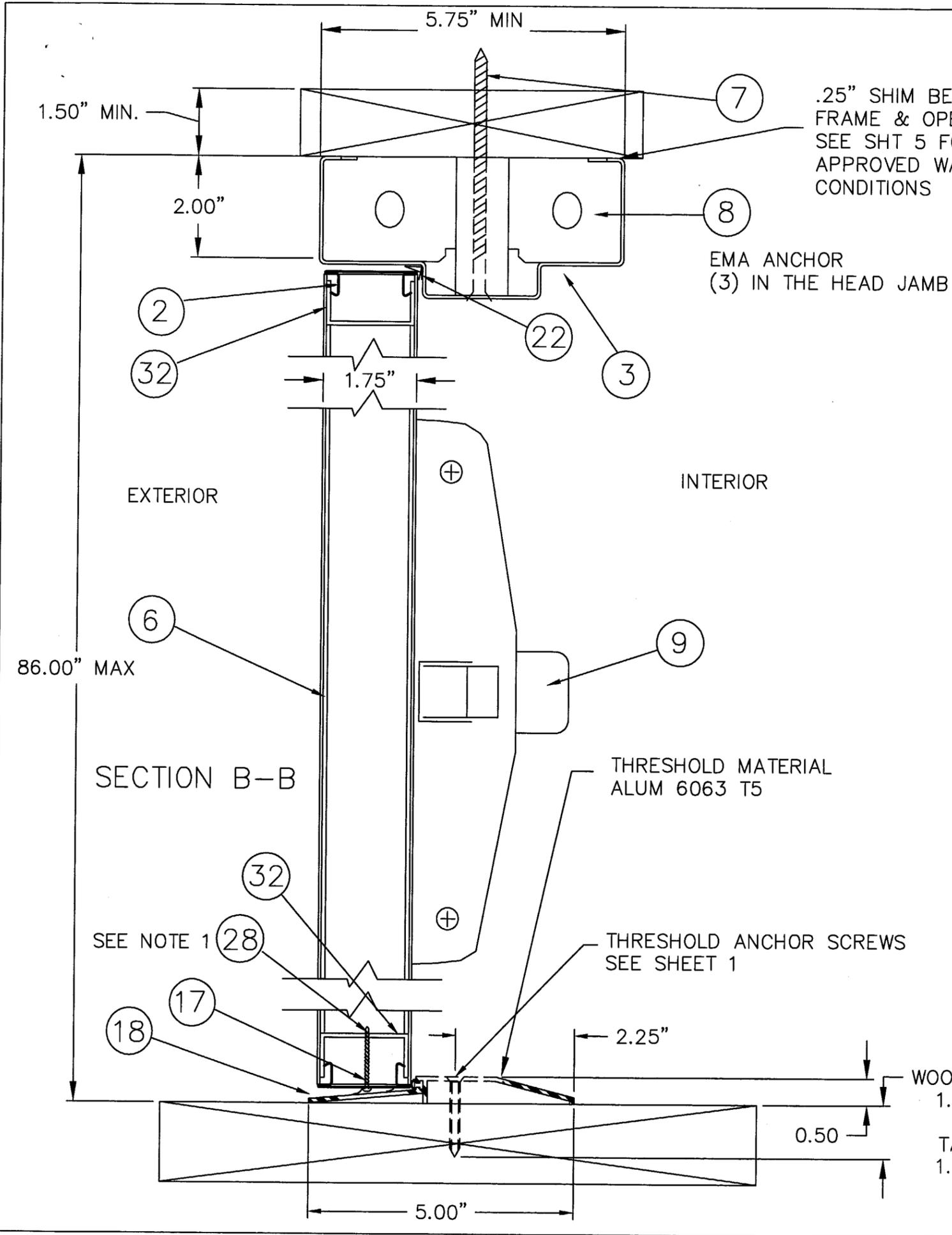
CHECKED

APPROVED

ENG. APPVL

SIZE FLAT DWG NO. 261W SHEET 2 OF 7 REV D

SCALE: 2 AUTOCAD



.25" SHIM BETWEEN  
FRAME & OPENING  
SEE SHT 5 FOR  
APPROVED WALL  
CONDITIONS

EMA ANCHOR  
(3) IN THE HEAD JAMB

THRESHOLD MATERIAL  
ALUM 6063 T5

THRESHOLD ANCHOR SCREWS  
SEE SHEET 1

WOOD SCREWS  
1.50" MIN  
OR  
TAPCONS  
1.25" MIN

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	2.20.98	
B	REVISED DIMENSIONS	3.4.98	
C	GENERAL REVISION	6.9.98	
D	GENERAL REVISION	7/24/98	

1. SEE MANUFACTURES DRAWINGS FOR OPTIONAL RIM DEVICES & OPTIONS
2. SEE SHEET 1 FOR ELEVATION
3. SEE SHT 6 FOR AVIALABLE OPENING SIZES & SPECIFICATIONS
4. (1) SCREW LOCATED 3.99" FROM EACH END AND ONE SCREW IN THE CENTER

ITEM	QUANTITY	DESCRIPTION
2	1	TOP CAP
3	1	HEAD
6	1	VERTICAL ROD REINFORCING
7	13	EMA SCREW 3/HEAD 5/JAMB
8	13	EMA ANCHOR 3/HEAD 5/JAMB
9	1	MONARCH SERIES 18 RIM
17	1	DOOR TOP CAP WITH (2) PS-074 WEATHERSTRIPS
18	1	NATIONAL GUARD 950A SILL WITH BUMPER GASKET
22	2	PS074 WEATHER STRIPPING
28	3	# 10 X .75" PHSM STEEL SCREW
32	2	END CHANNELS

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0129.08

EXPIRATION DATE OCTOBER 01, 2006

By Ishag I. Chanda

PRODUCT CONTROL DIVISION,  
BUILDING CODE COMPLIANCE OFFICE

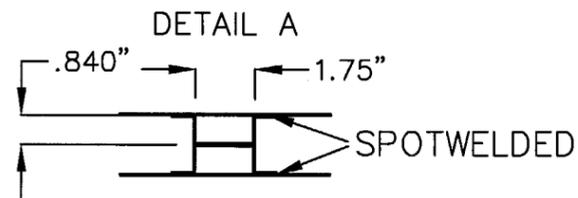
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APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE October 01 19 98

BY Ishag I. Chanda

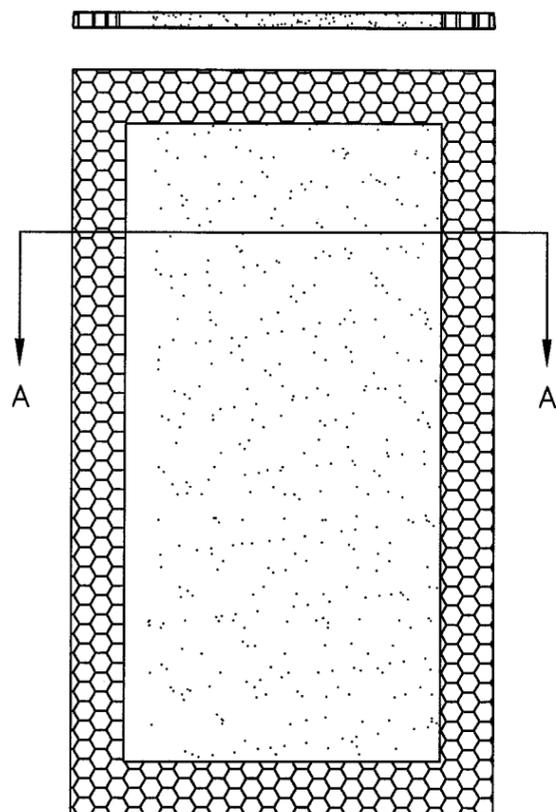
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0421-01

BEND RADIUS				<b>INGERSOLL-RAND COMPANY</b> STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242			
THIRD ANGLE PROJECTION							
DRAWN <b>RK</b>	DATE 2.20.98	TITLE DADE COUNTY PROFILE OF STEELCRAFT DOOR WITH NATIONAL GUARD 950 THRESHOLD		SIZE FLAT	DWG NO. 261W	SHEET 3 OF 7	REV D
CHECKED		SCALE: 2		AUTOCAD			
APPROVED							
ENG. APPVL							



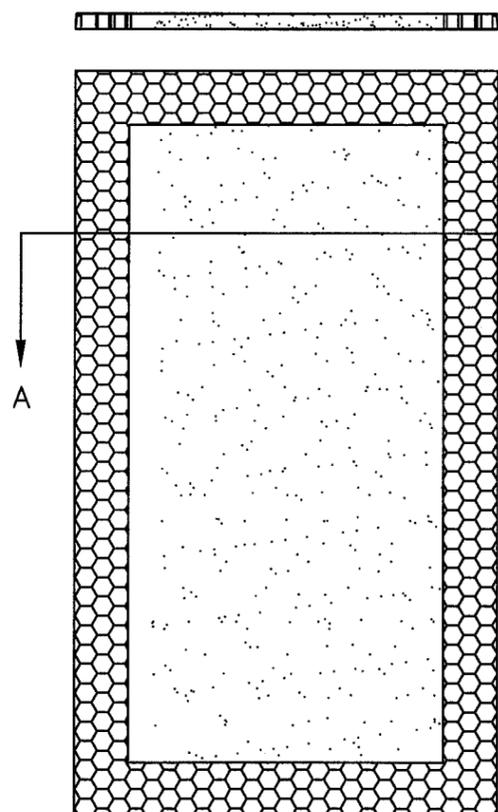
SECTION A-A

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP	8.18.97	
B	REVISED DWG & ADDED NOTE	8.19.97	
C	REMOVED NOTE	2.24.98	
D	ADDED NOTES UNDER VIEWS	4.15.98	
E	APPROVAL REVISIONS	6.2.98	



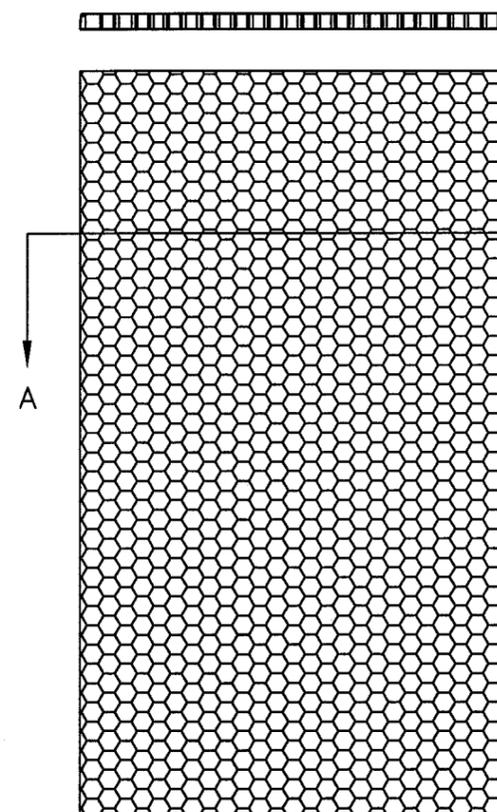
(A) POLYSTYRENE

HUNTSMAN CHEMICAL CORP.  
EXPANDED POLYSTYRENE FOAM  
GRADES 54 & 86  
DENSITY - 1.0 LBS/CUFT  
OR  
THERMOSAFE EXPANDED  
POLYSTYRENE BR4X- 4L19  
DENSITY- 1.0 lb CUFT



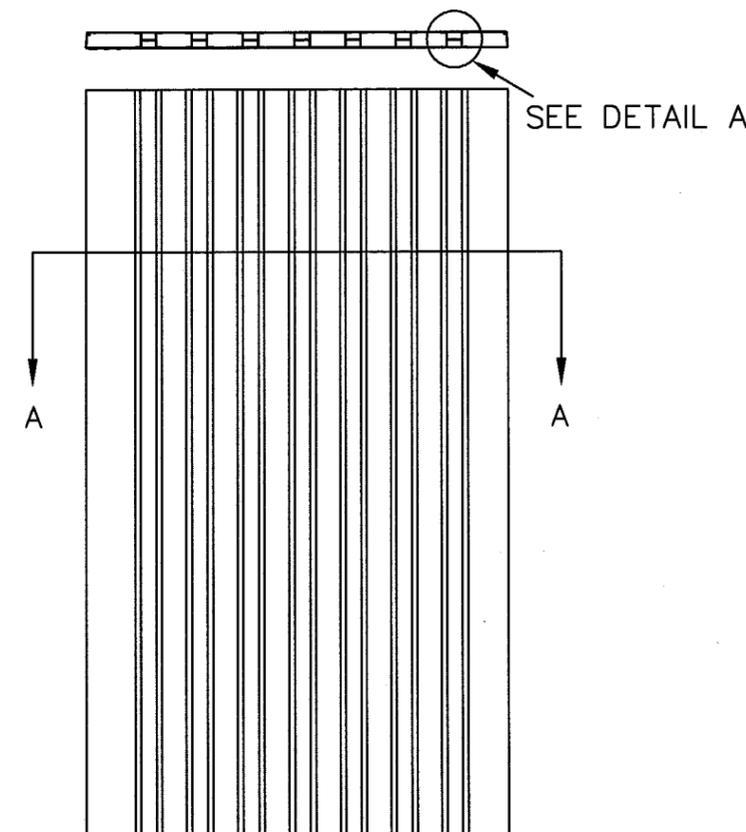
(B) POLYURETHANE

DOW CHEMICAL TRYMER 2000  
DENSITY-1.8 LBS/CUFT MIN.



(C) HONEYCOMB

PHENOLIC RESIN IMPREGNATED  
KRAFT PAPER 1" CELL SIZE



(D) STEEL STIFFENED

HAT SHAPED SECTIONS 20 GA.  
MIN. WELDED 6" O.C. TO INSIDE  
FACE SHEETS, HAT SHAPE  
STIFFENERS TO BE WELDED  
TOGETHER AT TOP & BOTTOM

DOOR WIDTH	STIFFENERS
22", 20"	3
24", 26"	4
2'10", 30"	5
32", 34"	6
38", 3'10", 40"	7

NOTE:  
CORE MATERIAL SHOWN  
WITHOUT HARDWARE REINFORCMENTS

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0129.06

EXPIRATION DATE OCTOBER 01, 2006

By Ishag I. Chaudh

**PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE**

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE October 01 19 98  
BY Ishag I. Chaudh  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0421.01

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN **RK** DATE 8.18.97

CHECKED

APPROVED

ENG. APPVL

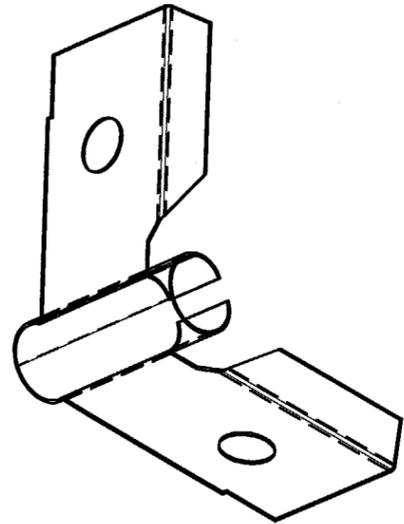
**IR** INGERSOLL-RAND COMPANY  
STEELCRAFT MFG.  
9017 BlueAsh Rd. Cincinnati Ohio 45242

TITLE DADE COUNTY  
DADE COUNTY TEST UNIT  
CORE MATERIALS  
OPTIONS

SIZE FLAT DWG NO. 261W SHEET 4 OF 7 REV E

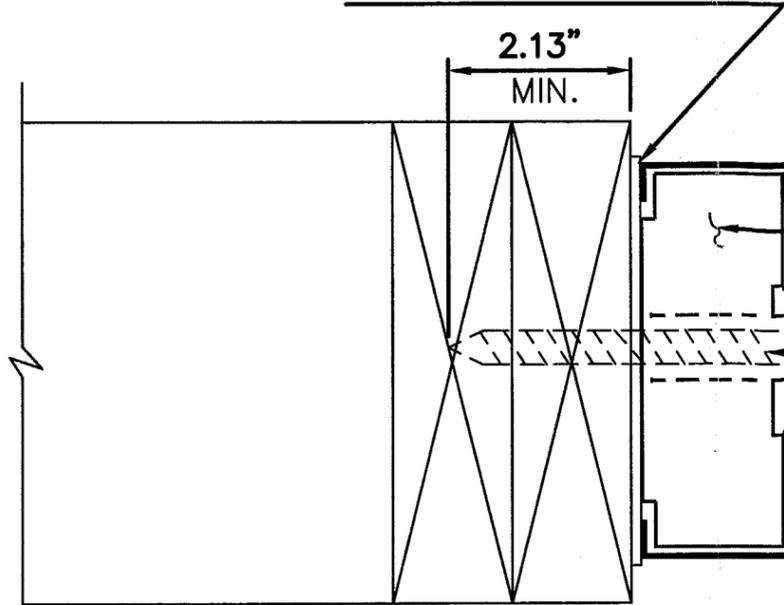
SCALE: 21 AUTOCAD

18 GA.  
2.56" X 6.94"



(EMA) EXISTING MASONRY ANCHOR

SHIM SPACE 1/4" MAX.

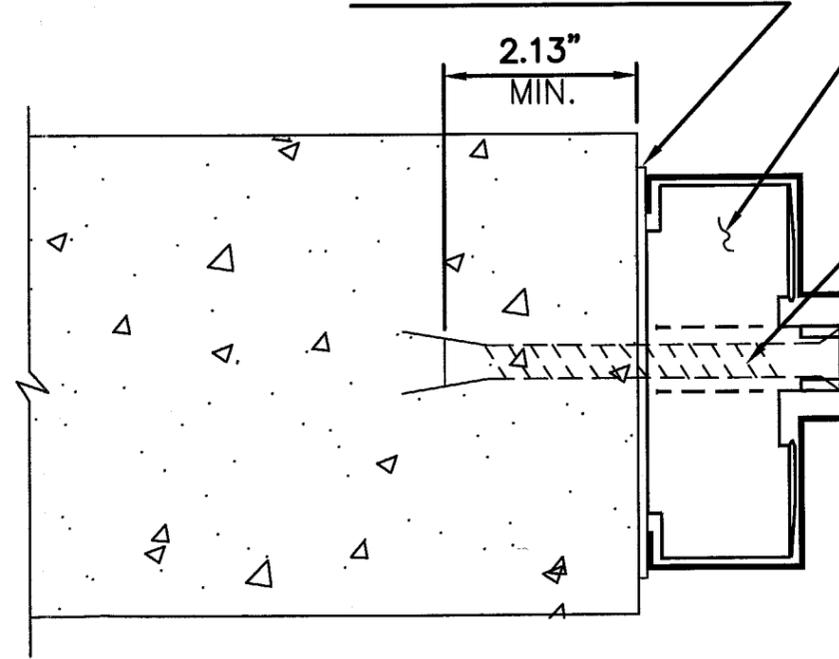


WOOD STUD ANCHOR  
JAMB VIEW SHOWN  
SEE SHT. 3 & 6 FOR  
HEAD VIEW

EMA ANCHOR  
18 GA. GALV.  
2.56 X 6.94 FOR 5 3/4 JD  
3/8 X 5" LAG SCREW

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP	8.18.97	
B	REMOVED NOTE	2.24.98	
C	GENERAL REV	5.11.98	
D	APPROVAL REVISIONS	6.2.98	
E	RENEWAL REVISIONS	7.05.01	

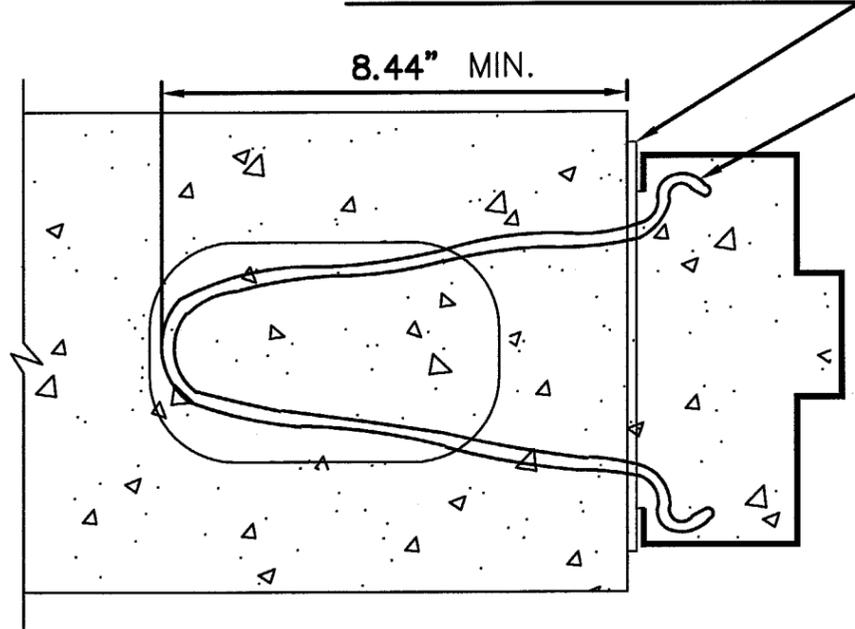
SHIM SPACE 1/4" MAX.



EXISTING MASONRY WALL ANCHOR

EMA ANCHOR  
18 GA. GALV.  
2.56 X 6.94 FOR 5 3/4 JD  
3/8 X 5" SLEEVE ANCHOR

SHIM SPACE 1/4" MAX.



WIRE MASONRY ANCHOR

WIRE ANCHOR  
3/16" DIA. BRIGHT  
BASIC WIRE  
5.19 X 9.56

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0129.06

EXPIRATION DATE OCTOBER 01, 2006

By Ishaq I. Chanda

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN RK DATE 8.18.97

CHECKED

APPROVED

ENG. APPVL

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

TITLE DADE COUNTY  
ANCHOR DETAILS / MOUNTING CONDITIONS

SIZE FLAT DWG NO. 261W SHEET 5 OF 7 REV E

SCALE: 1 AUTOCAD

OPENING SIZE SINGLES AS STANDARD SIZES  
SLAB OPTIONS

L, B & SL DOORS

WIDTH	HEIGHT	**	MAT'L	
2'-0"	6'-8"	16	CRS	
2'-4"			GALV.	
2'-6"				
2'-8"				
2'-10"				
3'-0"			14	(STA. STL.)
3'-4"			SEE TABLE 1	SEE TABLE 2
3'-6"				
3'-8"				
3'-10"				
4'-0"				

CE DOORS

WIDTH	HEIGHT	**	MAT'L
2'-8"	6'-8"	16	GALV.
2'-10"	6'-10"		
3'-0"	7'-0"		
		SEE TABLE 1	SEE TABLE 2

F FRAMES  
FRAME OPTIONS

WIDTH		HEIGHT	JAMB DEPTH	GA.	MAT'L
SINGLE	PAIR				
2'-0"		6'-8"	5-3/4"	16	CRS
2'-4"					
2'-6"					
2'-8"					
2'-10"					
3'-0"					
3'-4"					
3'-6"					
3'-8"					
3'-10"					
4'-0"		7'-0"	6-3/4"	14	(STA. STL.)*
			7-3/4"	12	
			8-3/4"	SEE TABLE 1	SEE TABLE 2
			10-3/4"		
			12-3/4"		
			SEE NOTES		

NOTE:  
OTHER SIZES AVAILABLE AS SPECIALS.  
ALL HEIGHTS AND WIDTHS CORRELATE  
FRAMES:  
JAMB DEPTHS AVAILABLE IN 1/8"  
\* STA. STL. AVAILABLE IN 16 GA. ONLY  
\*\* MIN. DOOR SKIN THICKNESS

MU FRAMES

WIDTH		HEIGHT	JAMB DEPTH	GA.	MAT'L
SINGLE	PAIR				
2'-0"		6'-8"	5-3/4"	16	CRS
2'-4"					
2'-6"					
2'-8"					
2'-10"					
3'-0"					
3'-4"					
3'-6"					
3'-8"					
3'-10"					
4'-0"		6'-10"	5-7/8"	14	GALV.
		7'-0"	6-1/4"		
			7-1/8"		
			12-3/4"	SEE TABLE 1	SEE TABLE 2
			SEE NOTES		

6 PANEL ONLY

TABLE 2

CRS: 1008 ASTM A366
GALV: A60 ASTM A924
STL: 304,306 ASTM A240

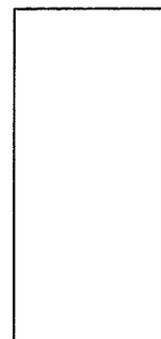
TABLE 1

GAUGE	MIN. THK.
16	.053"
14	.067"
12	.099"

MIN. YIELD STRESS  
25,545 psi

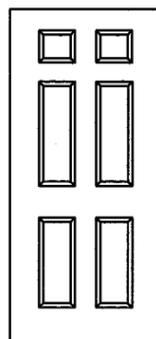
FLUSH DOORS MODELS

L  
B  
SL



EMBOSSED DOOR MODEL

CE  
6 PANEL ONLY



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	9.22.97	
B	REMOVED NOTE	2.24.98	
C	ADDED NOTES	4.23.98	
D	APPROVAL REVISIONS	6.2.98	

PRODUCT RENEWED

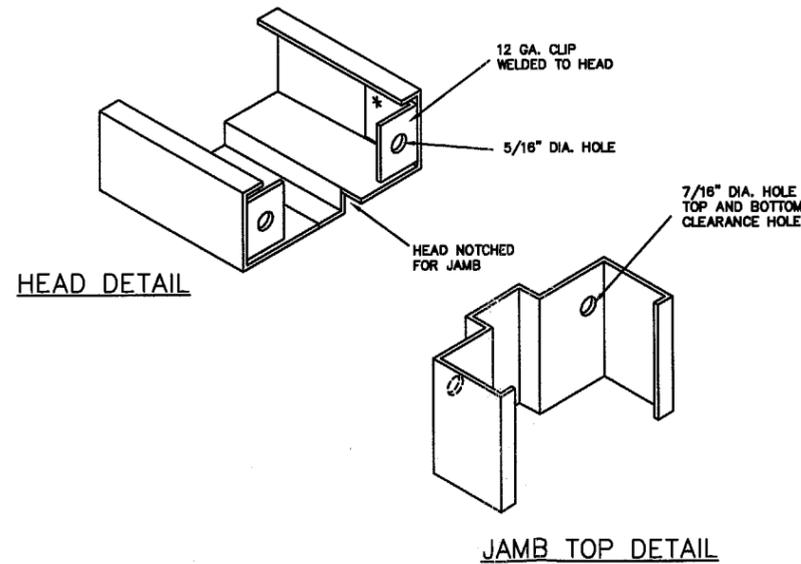
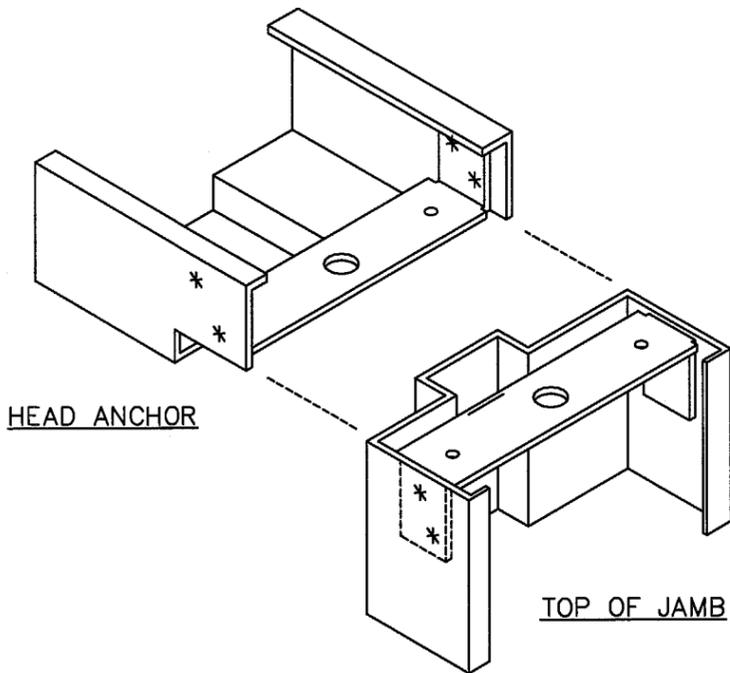
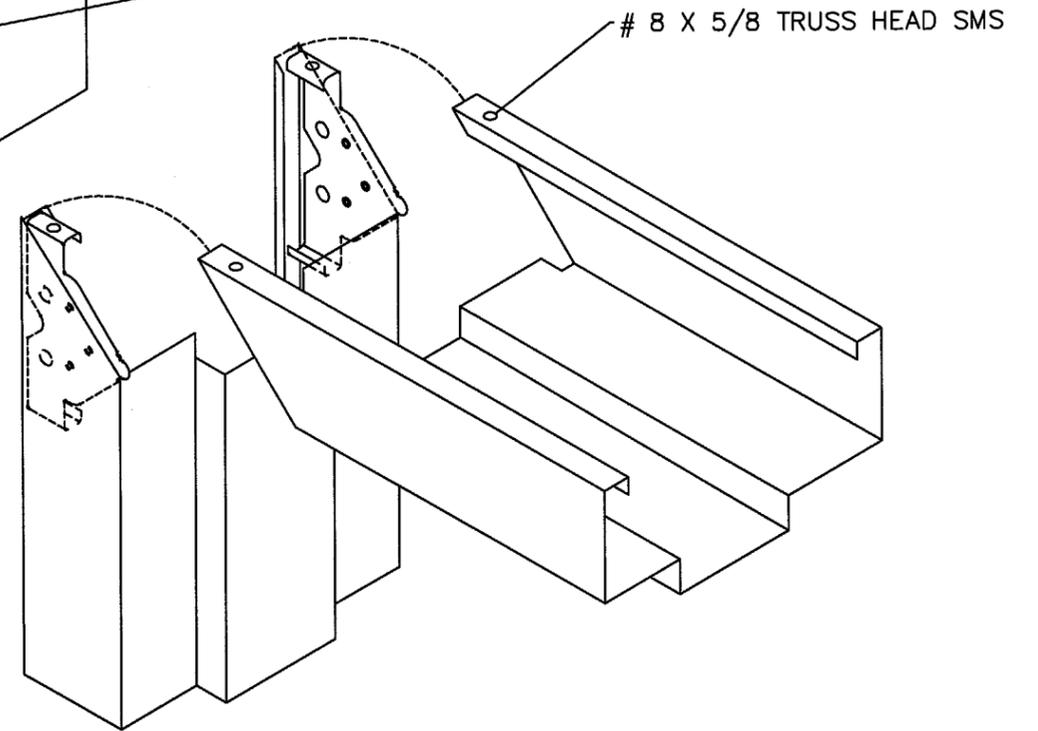
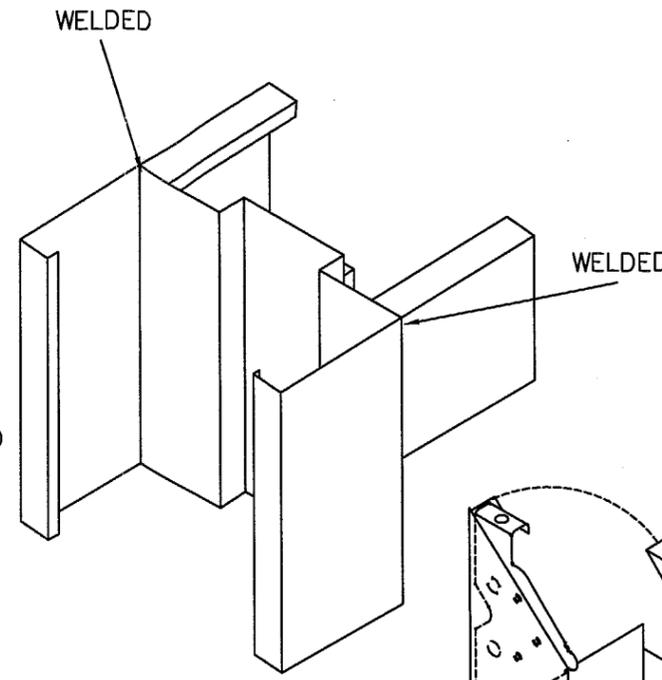
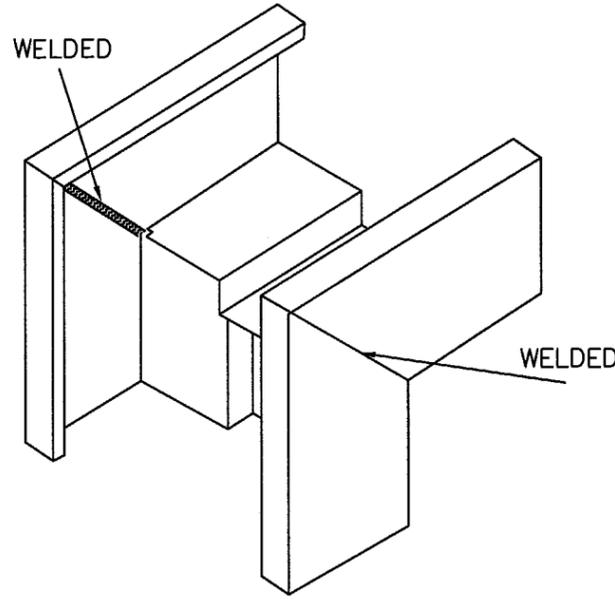
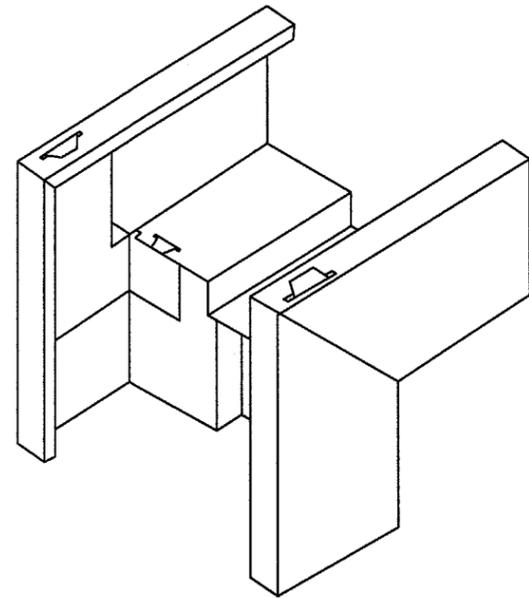
ACCEPTANCE No. 01-0129-06  
EXPIRATION DATE OCTOBER 01, 2006  
By Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE October 01 1998  
BY Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0421-01

BEND RADIUS		<p><b>INGERSOLL-RAND COMPANY</b> STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242</p>	
<p>THIRD ANGLE PROJECTION</p>			
DRAWN <b>RK</b>	DATE 9.22.97	TITLE DADE COUNTY OPENING SIZE & DOOR SPECS. OPTIONAL SLABS	
CHECKED		SIZE FLAT	DWG NO. 261W
APPROVED		SHEET 6 OF 7	
ENG. APPVL		SCALE: 1	AUTOCAD
		REV D	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP	10.15.97	
B	REMOVED NOTE	2.24.98	
C	APPROVAL REVISIONS	6.2.98	



**PRODUCT RENEWED**  
 ACCEPTANCE NO. 01-0129.08  
 EXPIRATION DATE OCTOBER 01, 2006  
 By Ishag I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE October 01 1998  
 BY Ishag I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 98-0421-01

BEND RADIUS				TITLE DADE COUNTY CORNER DETAILS FOR FLUSH FRAME AND MU FRAMES	
THIRD ANGLE PROJECTION DRAWN <b>JU</b> CHECKED				DATE 10.15.97	
APPROVED		SIZE	FLAT	DWG NO. 261W	SHEET 7 OF 7
ENG. APPVL		SCALE: 2	AUTOCAD		REV D