



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, Indiana 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: Series "H16-4" Full Glazed 8080 Outswing Steel Commercial Double Door-LM I

APPROVAL DOCUMENT: Drawing No "882W", titled "H16-4 FG 8080 Double Doors (Outswing) Glazed Configurations Including Fire Rated Glazing IR Exit Hardware", sheets 1 through 7 or 7, prepared by Ingersoll-Rand Company, dated 08/08/02 & last revised on 06/09/06, signed and 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 Division.

MISSILE IMPACT RATING: Large and Small 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 revises NOA No. 03-0317.02 and consists of this page 1 and evidences page E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
8/2/06

NOA No 05-0325.02
Expiration Date: June 27, 2008
Approval Date: August 24, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings.
2. Drawing No "882W", titled "H16-4 FG 8080 Double Doors (Outswing) Glazed Configurations Including Fire Rated Glazing IR Exit Hardware", sheets 1 through 7 or 7, prepared by Ingersoll-Rand Company, dated 08/08/02 & last revised on 06/09/06, signed and sealed by Gordon Thomas, P. E.

B. TESTS

1. Test reports on 1) Water Resistant Test, per FBC, TAS 202-94 along with marked-up drawings and installation diagram of outswing steel door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3044-1**, dated 08/31/06, of a full glazed double steel commercial door, signed and sealed by Gerald J. Ferrara, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
 - 6) Water Resistant Test, per FBC, TAS 202-94along with marked-up drawings and installation diagram of a full glazed double steel commercial door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3232-1**, dated 02/24/06, signed and sealed by Gerald J. Ferrara, P.E.
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of a full glazed double steel commercial door, prepared by Certified Testing Laboratories, Test Report No. **CTLA-1035W-2**, dated 02/11/03, signed and sealed by Ramesh Patel, P.E.
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of a full glazed double steel commercial door, prepared by Certified Testing Laboratories, Test Report No. **CTLA-975W**, dated 01/23/03, signed and sealed by Ramesh Patel, P.E.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 05-0325.02
Expiration Date: June 27, 2008
Approval Date: August 24, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of a full glazed double steel commercial door, prepared by Certified Testing Laboratories, Test Report No. CTLA-882W, dated 08/29/02, signed and sealed by Ramesh Patel, P.E
6. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of a full glazed double steel commercial door, prepared by Certified Testing Laboratories, Test Report No. CTLA-776W-1, dated 04/25/02, signed and sealed by Ramesh Patel, P.E

C. CALCULATIONS:

1. Revise Anchor Verification Calculations, complying w/ FBC-2004, dated 04/07/06, prepared, signed and sealed by Gordon Thomas, P. E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS (Transferred from file # 03-0317.02)

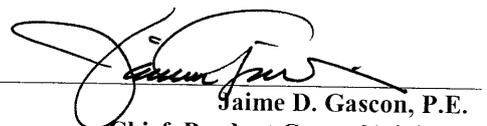
1. Tensile Test report No. Job# 0279-0719-03, dated March 02, 2004, issued by Q C Metallurgical, Inc, per ASTM E-8, signed & sealed by Frank E. Grate, P.E.
2. Notice of Acceptance No. 03-1209.11, issued to Dyplast Product LLC for "EPS-expanded Polystyrene Insulation", expiring on 01/11/2007.

F. STATEMENTS

1. Letter of conformance & "No financial interest" dated June 28, 2002, signed and sealed by Rene Quiroga, P. E. "**Transferred from file # 03-0317.02**"
2. Laboratory Statement of compliance, part of the test report CTLA882W, signed and sealed by Ramesh C.Patel, P.E. "**Transferred from file # 03-0317.02**"

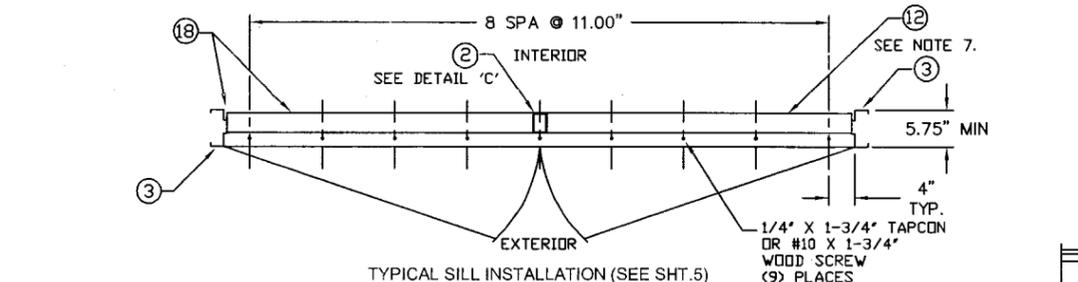
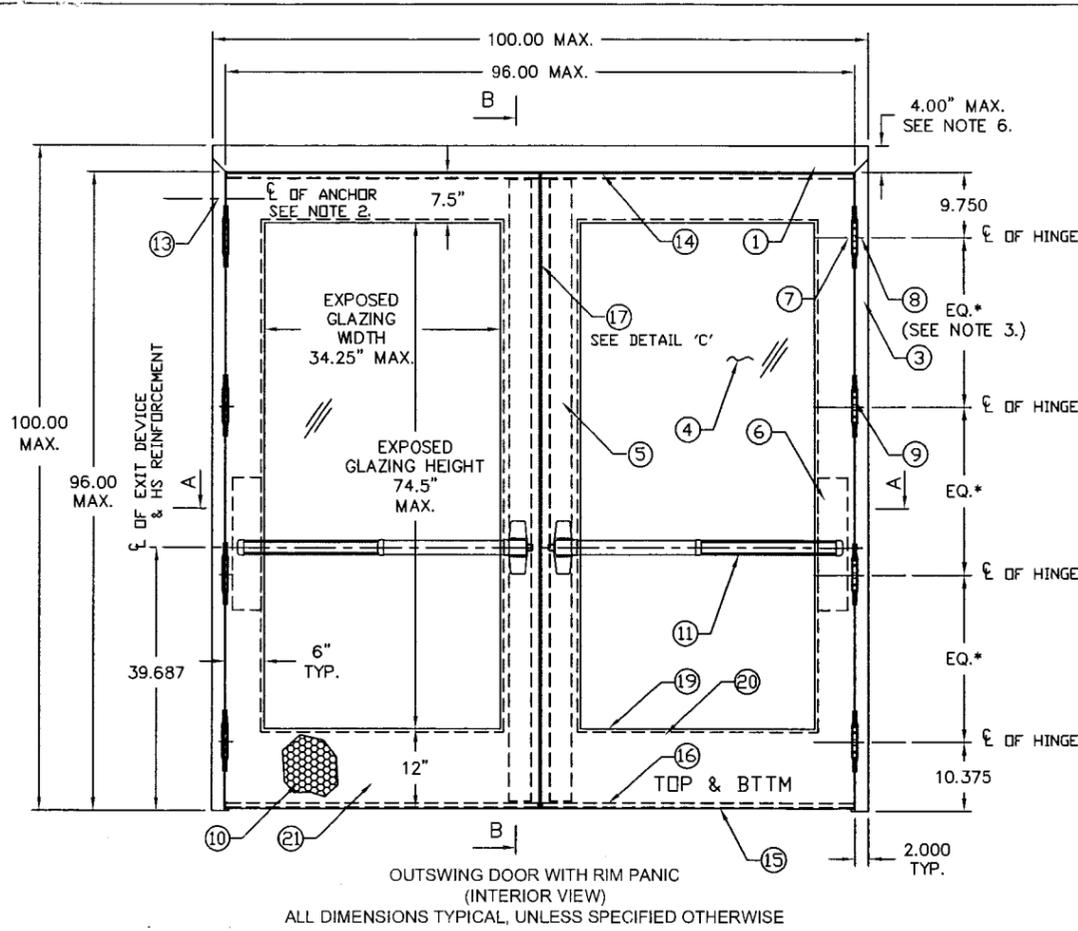
G. OTHER

1. Reference Test proposal 01-0131, dated August 03, 2001 approved by BCCO.


Jaime D. Gascon, P.E.

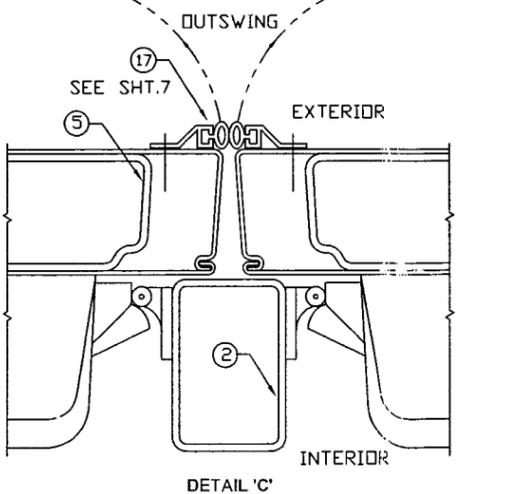
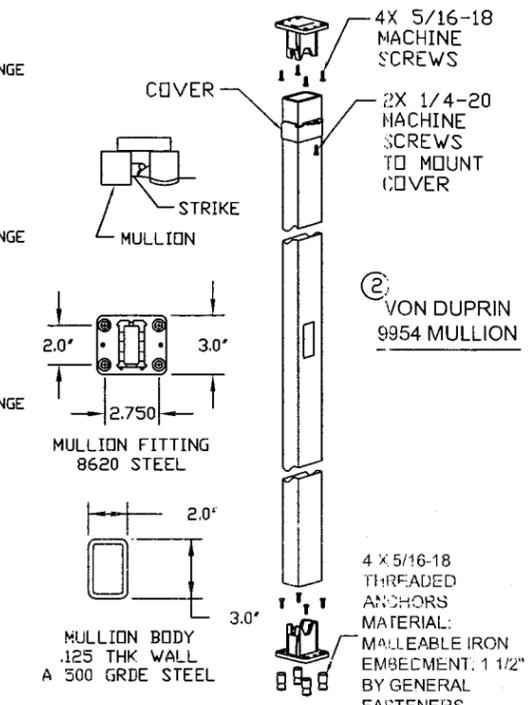
Chief, Product Control Division
NOA No 05-0325.02

Expiration Date: June 27, 2008
Approval Date: August 24, 2006



- NOTES:**
- WEATHERSTRIPPING
 - WHEN WATER INFILTRATION IS NOT NEEDED INSTALL WEATHERSTRIPPING PER SHT.6.
 - TWO ROWS OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD.
 - WHEN WATER INFILTRATION IS REQUIRED - INSTALL PER SHT.7.
 - ANCHOR REQUIREMENTS: SEE SHEET 5 FOR APPROVED ANCHORS AND INSTALLATION
 - HINGE REQUIREMENTS:
 - FOR DOOR OPENING UP TO 7'6" HIGH - MIN (3) HINGES
 - FOR DOOR OPENING 7'7" - 8'0" HIGH - MIN (4) HINGES
 - 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 4 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS, AS APPROVED PER THIS NOA.
 - 4" FACE HEAD IS AVAILABLE.
 - APPLY CAULK AS NEEDED.
 - SEE SHEET 2 FOR SECTION A-A, SEE SHEET 3 FOR SECTIONS B-B AND C-C.
 - DOOR-LITE AVAILABLE CONFIGURATIONS: FG, FG2, FG3, G, V, N, N3, N4, LNL (SEE SHEET 4.)
 - INSTALL REINFORCEMENT CHANNELS AROUND EACH LITE-CUTOUT.
 - PANIC HARDWARE OPTIONS:
 - FOR 98/99 SERIES - FUNCTIONS E, RX, LX, SS, EL, CX, F
 - TRIMS: 990EO, 990DT, 990NL, 990TP, 992L, 994L, 991K
 - FOR 88-F SERIES - FUNCTION E
 - TRIMS: 880DT, 880NL, 880TP, 880K, 373L
 - PN MODEL OFFERED.
 - ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
 - OPTIONAL "SIGNAL SWITCH" MAY BE USED AS ALLOWED BY CODE AND IT DOES NOT EFFECT THE MECHANICAL PROPERTIES OF EXIT DEVICE AND/OR INHIBIT EGRESS.
 - ITEMS 22 THROUGH 27 REQUIRED ONLY IF WATER INFILTRATION IS NEEDED.

DESIGN PRESSURE RATING	
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
APPROVED FOR WATER INFILTRATION WITH THRESHOLD TYPE 1 & 4* ONLY AND ADDITIONAL WEATHERSTRIPPING PER SHT.7	THRESHOLD TYPES 2 & 3 NOT APPROVED FOR WATER INFILTRATION
POSITIVE	+ 50 PSF
NEGATIVE	- 50 PSF
* - FOR SINGLE DOORS ONLY	



PRODUCT REVIEWED
 in compliance with the Florida Building Code
 Approval No. 05-0325-02
 Expiration Date 06/23/08
 By *[Signature]*
 Miami Dade Product Control Division

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	08/08/02	
G	REVISED PER MDBCCO YMF	06/09/06	

[Handwritten Signature]
 1/22/06
 FL 40718

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 6 ASTM A366	.053" MIN. STL	MAX. 100"
2	1	VON DUPRIN 9954 HDWE MULLION USED W/RIM HDWE	.125" A500 STL	MAX. 96"
3	2	HINGE JAMB SEE SHT 6 ASTM A366	.053" MIN. STL	MAX. 100"
4	2	LEXAN 9034 BY GE, HOLDING CURRENT NOA	.25" MIN.	35.406" X 75.656" MAX.
		LAMINATED GLASS WITH SENTRYGLAS PLUS (DuPont)	.562" MIN.	
		SUPERLITE II-XL BY SAFTI WITH SENTRYGLAS PLUS (DuPont)	1.0" MIN.	
5	2	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5 X 93.44 MAX
6	2	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
7	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.171" MIN. STL	1.28" X 9.19"
8	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.171" MIN. STL	1.3" X 9.187" MAX.
9	NOTE 3.	4.5" X 4.5" BUTT HINGES (SEE SHT.4)	.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.4)	.067" MIN. STL/.12 ALUM	MAX. 95"
10	2	CORE MATERIAL (SHEET 5):	A) HONEYCOMB B) STEEL STIFFENED C) POLYSTYRENE D) POLYURETHANE	
		LOCKING HARDWARE - EXIT DEVICE		
		1) VON DUPRIN 98/99 RIM		
		2) VON DUPRIN 88 RIM		
		3) MONARCH DL-18-R RIM		
12	1	THRESHOLD SILL W/BUMPER GASKET	.100" ALUM. 6063 T5	5.50"X0.5"X96"MAX.-DOUBLE
		1) ZERO 566A 2) PEMKO 2005		5.50"X0.5"X48"MAX.-SINGLE
		3) NAT'L GUARD 950A 4) PEMKO 2001 (SNGLE DOORS)		
13	NOTE 2.	JAMB ANCHOR ASTM A924	SEE SHEET 5	
14	6	PS074 WEATHER STRIPPING	TPE	MAX. 24'
15	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
16	4	END CHANNEL ASTM A924 (14 GA -- INVERTED)		.69" X 1.66" X 47.66" MAX.
17	2	SPLIT ASTRAGAL	SEE SHEET 7	
18	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		
		GLAZING HOLDING TRIM		
		1) DESIGNER TRIM	.035" MIN. STL	34.25" X 74.5" EXPOSED GLASS MAX.
		2) STEEL OVERLAPPING TRIM UP TO 3/4" GLASS		
		3) STEEL OVERLAPPING TRIM FOR OVER 3/4" GLASS		
		4) HIGH SECURITY VISION FRAME		
		SG-10 BY ANEMOSTAT	.099" MIN. STL	
		VLf-S10 BY AIR LOUVERS	.127" MIN. STL	
20	NOTE 10.	CUTOUT REINFORCEMENT CHANNEL (18 GA)	.047" MIN. STL	0.5" X 1.5" X 64.063" MAX.
21	2	DOOR SLAB (16 OR 14 GA)	SEE SHEET 4	4' X 8' MAX.
22	1	BY ZERO INT'L DOOR SEAL No.8144FS	TPE	MAX. 24'
		BY PEMKO DOOR SEAL No.S88		
23	4	BY ZERO INT'L DOOR SWEEP No.539		
		BY PEMKO EDGE SEAL No.368		
24	2	BY ZERO INT'L DOOR SWEEP No.139	SEE SHEET 7	MAX. 48"
		BY PEMKO OMIT		
25	2	BY ZERO INT'L ADJUSTABLE STOP No.475	TPE	MAX. 48"
		BY PEMKO EDGE SEAL No. 29310		
26	2	BY ZERO INT'L RAIN DRIP No.11	SEE SHEET 7	MAX. 48"
		BY PEMKO DOOR BOTTOM CAP No. 346		
27	2	TOP CAP GALV. A60 ASTM A924 (NOTE 15)	.024" MIN. STL	0.5" X 1.719" X 47.66" MAX.

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN YMF DATE 08/08/02

CHECKED

APPROVED

ENG. APPVL

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

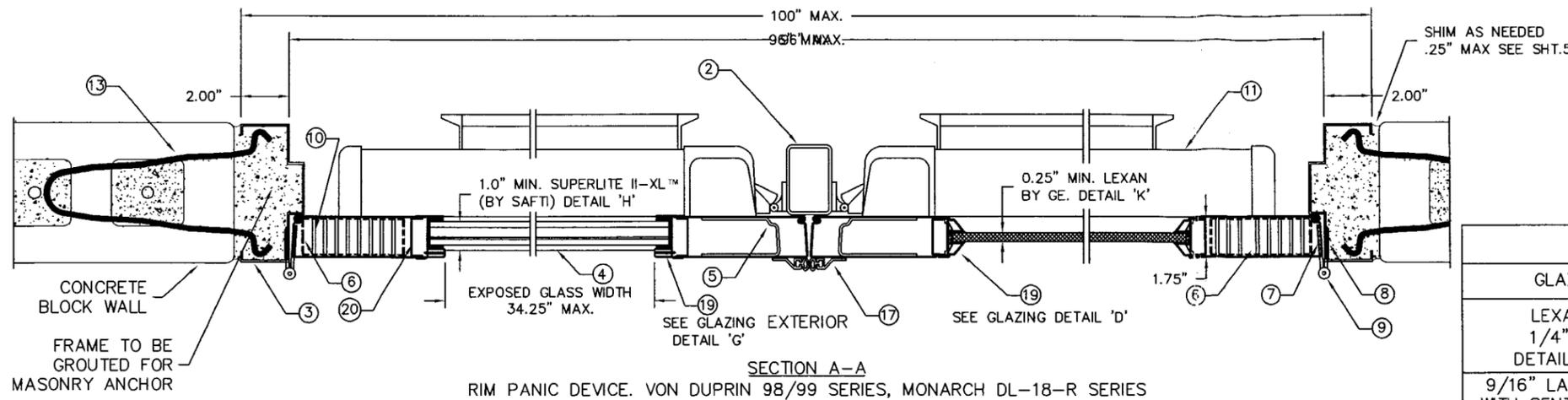
TITLE DADE COUNTY
 H16 - 4 FG 8080 DOUBLE DOORS (OUTSWING)
 GLAZED CONFIGURATIONS
 INCLUDING FIRE RATED GLAZING
 IR EXIT HARDWARE

SIZE FLAT DWG NO. 882W SHEET 1 OF 7 REV G

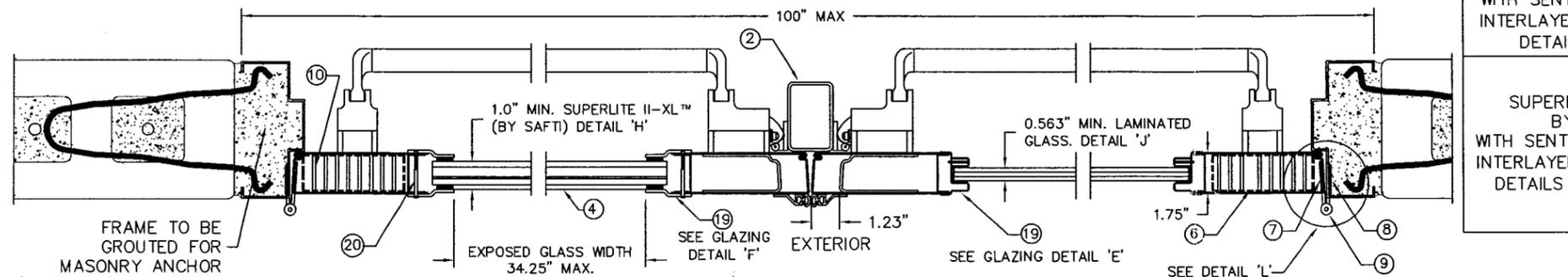
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REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	08.08.02	
G	REVISED PER DC BCCO YMF	06/09/06	



SECTION A-A
RIM PANIC DEVICE. VON DUPRIN 98/99 SERIES, MONARCH DL-18-R SERIES

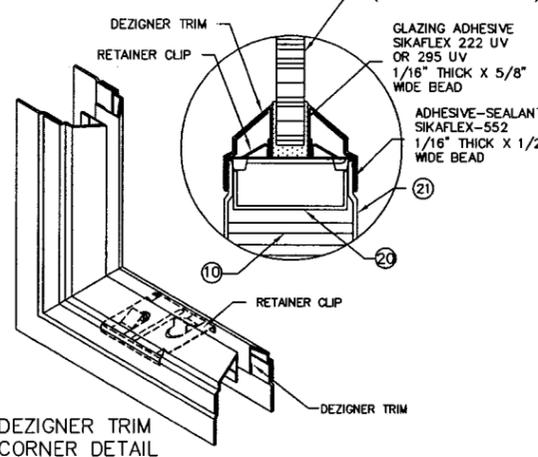


SECTION A-A
RIM PANIC DEVICE. VON DUPRIN 88 SERIES

GLAZING OPTIONS AND METHODS

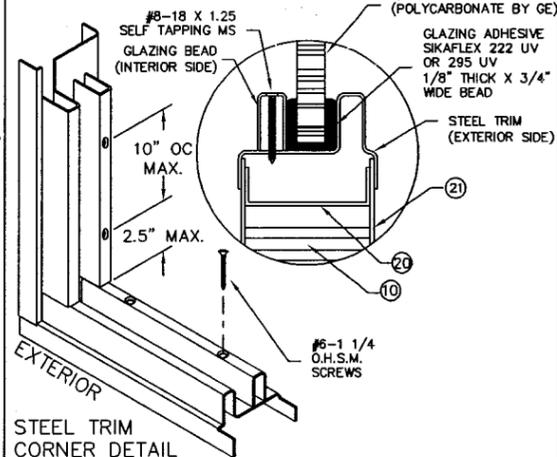
GLAZING MATERIAL	TRIM TYPE	ADHESIVE-SEALANT	GLAZING ADHESIVE
LEXAN BY GE 1/4" OR 1/2" DETAILS 'D' & 'E'	DESIGNER 1/2" OR 1/4"	SIKAFLEX 552	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
	STEEL TRIM	NONE	
9/16" LAMINATED GLASS WITH SENTRYGLAS PLUS™ INTERLAYER (BY DUPONT) DETAILS 'J' & 'K'	DESIGNER 1/2"	SIKAFLEX 552	SIKAFLEX 552 OR DOW CORNING 995/975 1/16" X 5/8" BEAD
	STEEL TRIM	NONE	
SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS PLUS™ INTERLAYER (BY DUPONT) DETAILS 'F', 'G' & 'H'	1" STEEL TRIM (DETAIL 'G')	NONE	SIKAFLEX 552 OR DOW CORNING 995/975 1/16" X 5/8" BEAD
	SECURITY VISION FRAME SG-10 BY ANEMOSTAT OR VLF-S10 BY AIR LOUVERS (DETAIL 'F')	NONE	

GLAZING DETAIL 'D'
DESIGNER TRIM OPTION



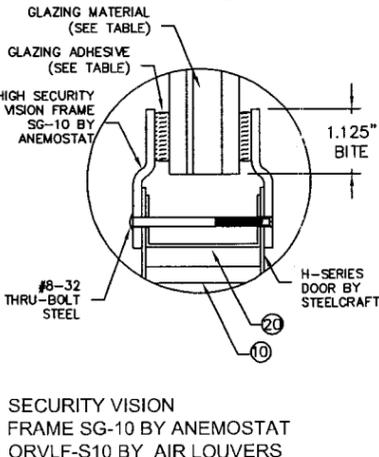
DESIGNER TRIM
CORNER DETAIL

GLAZING DETAIL 'E'
STEEL TRIM OPTION



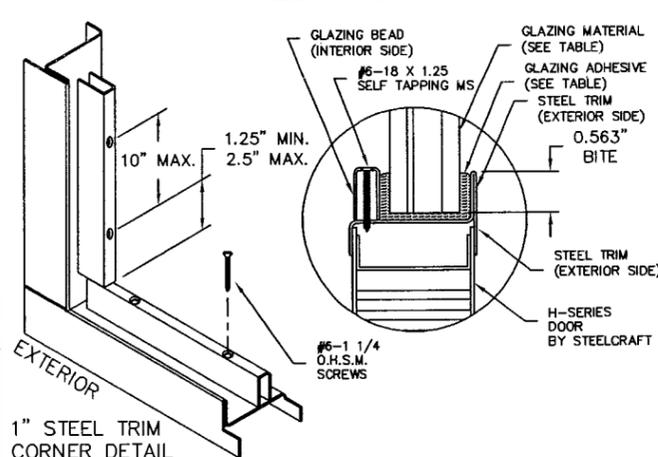
STEEL TRIM
CORNER DETAIL

GLAZING DETAIL 'F'
VISION FRAME OPTION



SECURITY VISION
FRAME SG-10 BY ANEMOSTAT
OR VLF-S10 BY AIR LOUVERS

GLAZING DETAIL 'G'
1" STEEL TRIM OPTION

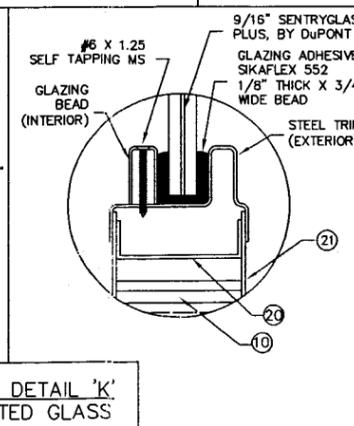
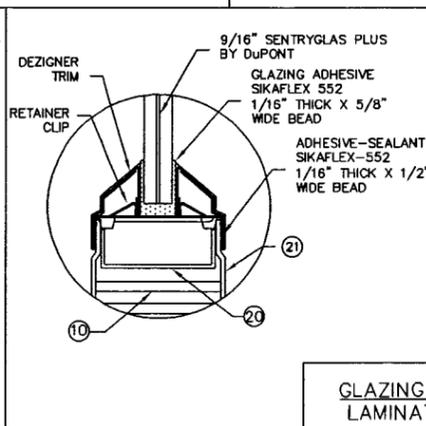
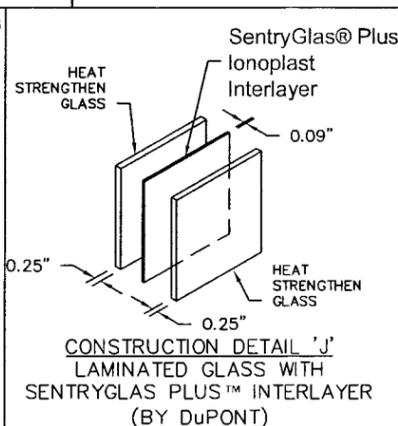
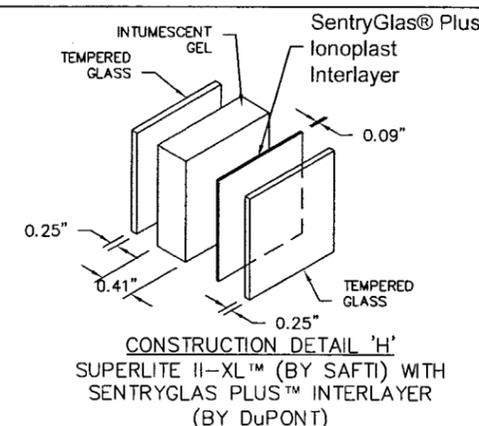


1" STEEL TRIM
CORNER DETAIL

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. 4 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0325.02
Expiration Date 6/27/08
By [Signature]
Material Product Control
Division



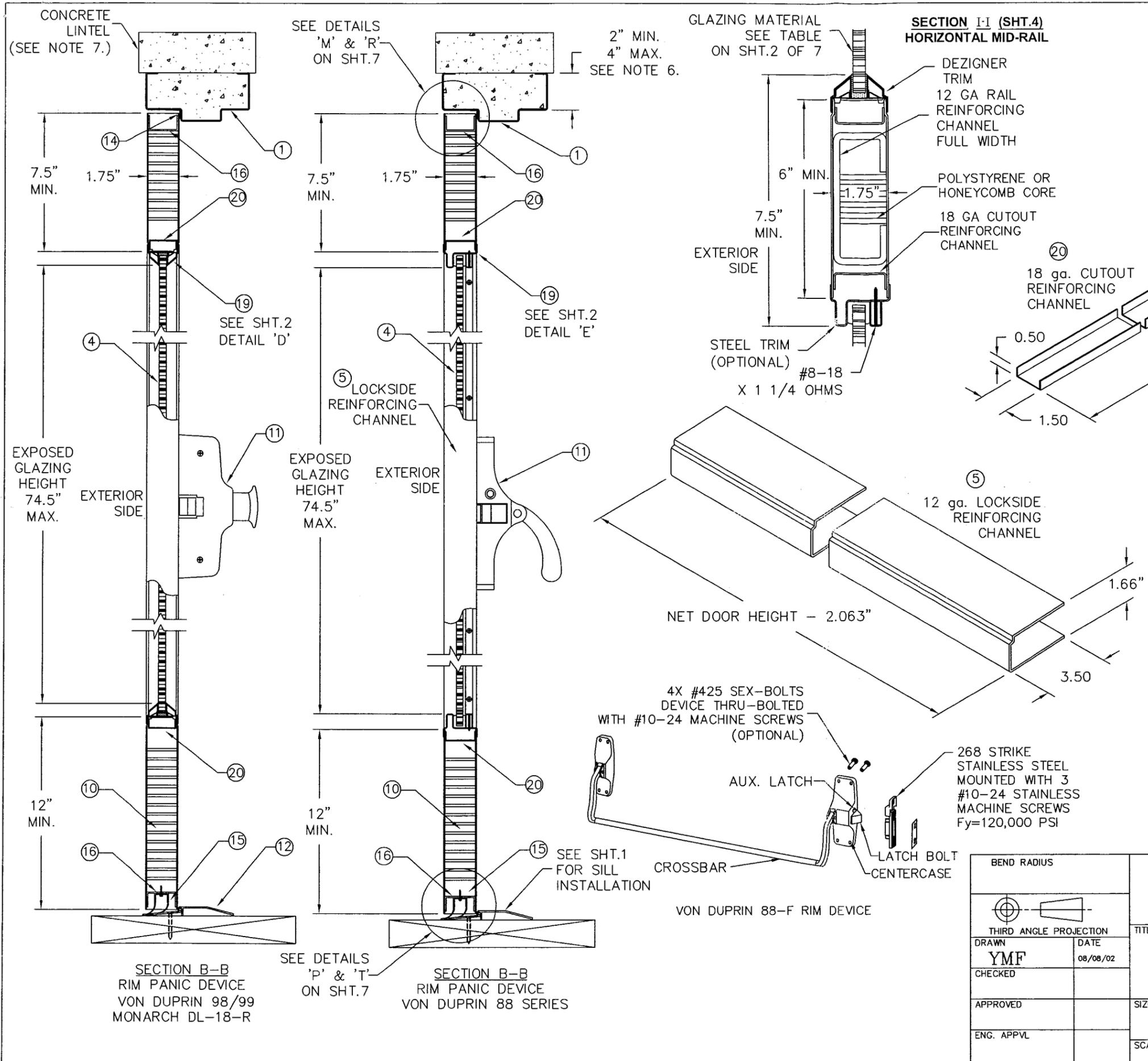
GLAZING DETAIL 'K'
LAMINATED GLASS

BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 08.08.02
CHECKED	
APPROVED	
ENG. APPVL	

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

TITLE DADE COUNTY CROSS SECTION OF DOOR AND FRAME IR RIM EXIT HARDWARE H-SERIES FG 8080 DOUBLE OPENING FULL GLASS CONFIGURATION		SIZE FLAT	DWG NO. 882W	SHEET 2 OF 7	REV G
SCALE: NTS		AUTOCAD			

Handwritten signature and date:
1/22/06
FL 46718



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	08/08/02	
F	REVISION DWG	YMF 03/02/06	

Handwritten signature and date:
 2/22/06
 FL 46718

NOTES:

1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE.
2. SEE SHT.1 NOTE 2. FOR ANCHOR LOCATIONS.
3. SEE SHT. 5 FOR WALL CONSTRUCTION AND ANCHORING REQUIREMENTS.
4. SEE SHT. 4 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS.
5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
6. HEAD SECTION CAN HAVE 4" FACE DIMENSION.
7. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST COMPLY WITH APPROVED DESIGN PRESSURE RATING.

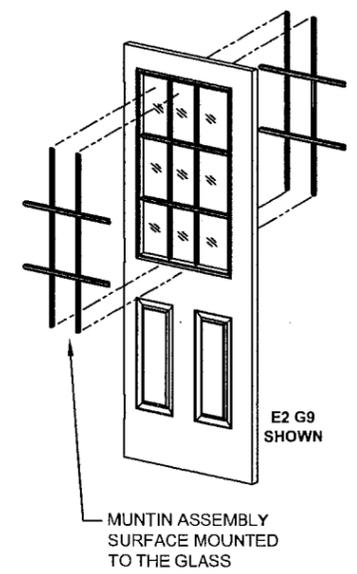
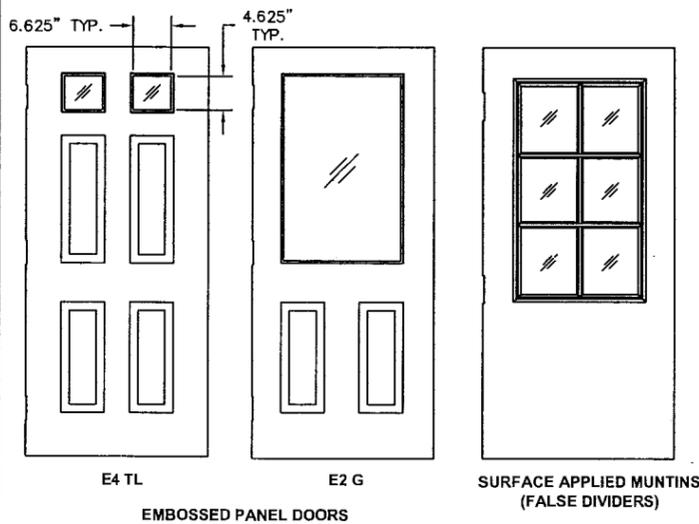
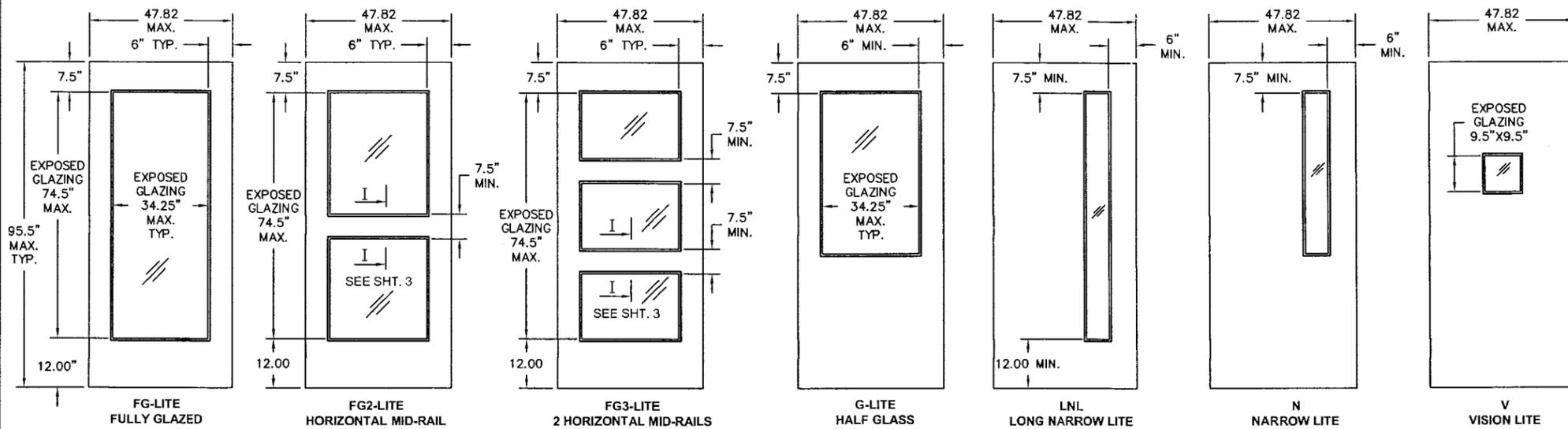
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 05-0325-02
 Expiration Date 06/27/08
 By *[Signature]*
 Miami Code Product Control Division

BEND RADIUS				IR INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN YMF	DATE 08/08/02	TITLE DADE COUNTY CROSS SECTION OF DOOR AND FRAME IR EXIT HARDWARE H-SERIES FG 8080 DOUBLE DOORS			
CHECKED		SIZE FLAT	DWG NO. 882W	SHEET 3 OF 7	REV F
APPROVED		SCALE: NTS AUTOCAD			
ENG. APPVL					

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG		
B	REVISED PER DC BCCD EB	02/27/03	
C	REVISED PER DC BCCD YMF	05/08/03	
D	REVISED PER DC BCCD YMF	05/29/03	
E	REVISION DWG YMF	01/06/05	
F	REVISION DWG YMF	02/28/05	

Handwritten signature and date:
 2/22/06
 FL 46710



AVAILABLE DOOR CONFIGURATIONS (SEE NOTE 1.)

TABLE 1.

CORE MATERIAL PER SHT.7	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE	8'0"	8'0"	CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	8'0"	8'0"	STAINLESS STEEL	16/.053"

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

AVAILABLE FRAME CONFIGURATIONS (SEE NOTE 2.)

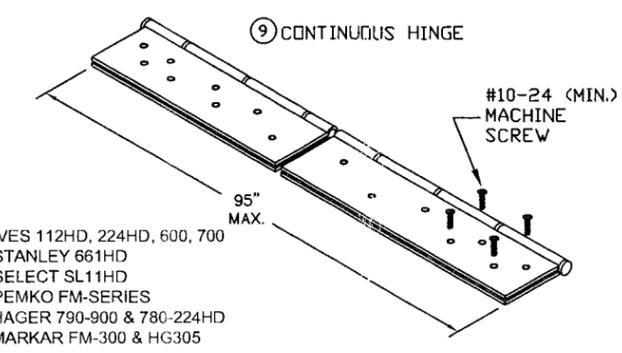
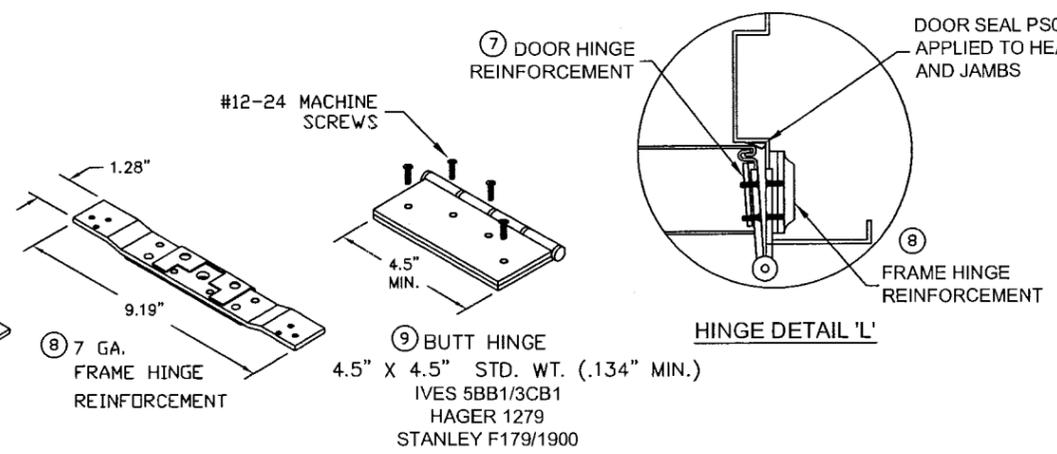
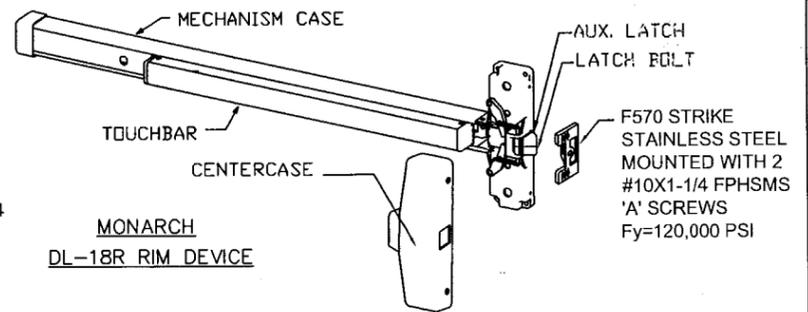
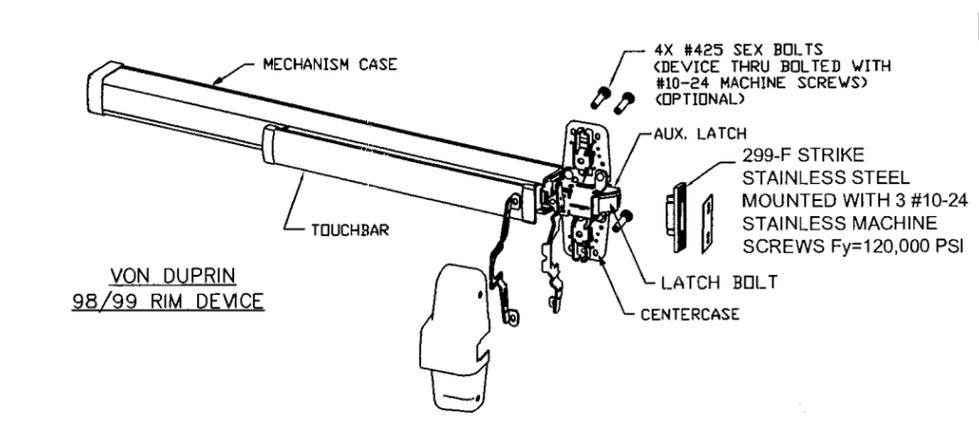
TABLE 2.

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

MINIMUM YIELD STRENGTH = 26,500 PSI
 MINIMUM TENSILE STRENGTH = 46,000 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"
 - MAXIMUM GLAZING HEIGHT AND WIDTH AS PER SHEET 1.
 - MAXIMUM GLAZING OPENING SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE.
 - MAXIMUM DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER.
- 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.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-092502
 Expiration Date 09/27/08
 By *[Signature]*
 Miami-Dade Product Control Division

BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN	DATE	TITLE		DADE COUNTY	
YMF	08/08/02	DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS.			
CHECKED		SIZE	FLAT	DWG NO.	REV
APPROVED				882W	SHEET 4 OF 7
ENG. APPVL		SCALE:	NTS	AUTOCAD	F

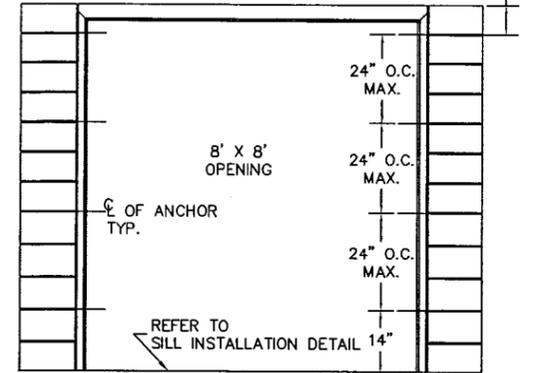
NOTES:

1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 210 #/ft. LOAD, AND 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. CORE MATERIAL SHOWN WITHOUT DOOR CUTOUTS AND REINFORCEMENTS.
4. APPLY CAULK AS NEEDED.
5. ALL DOOR CORE OPTIONS ARE APPROVED UNDER SEPARATE MIAMI-DADE COUNTY APPROVALS (NOA) FOR FLUSH DOORS

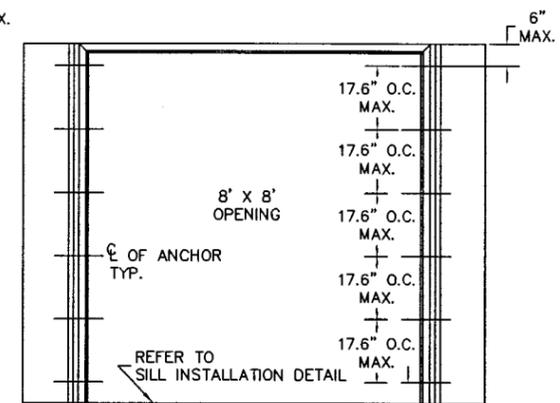
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
G	REVISED PER DC BCCD YMF	07/21/06	

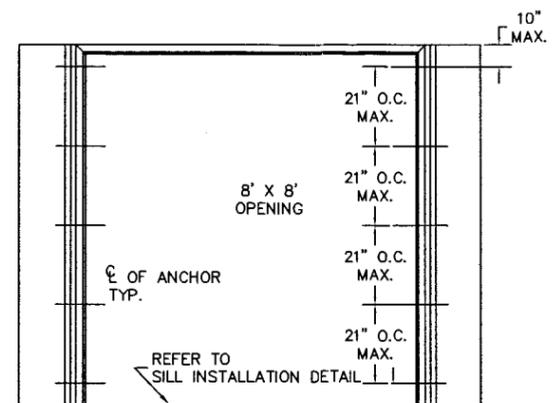
A WIRE MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



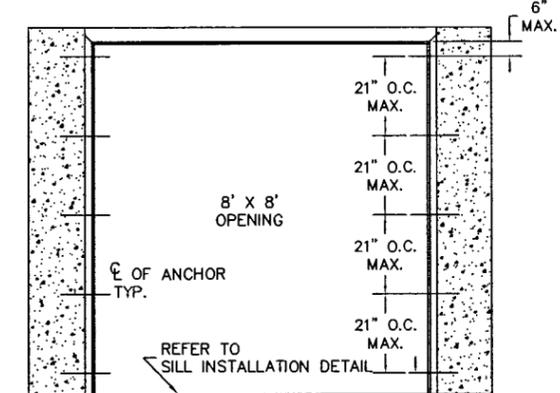
B WOOD STUD ANCHOR



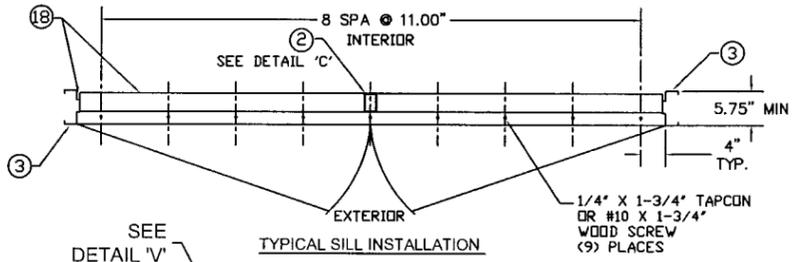
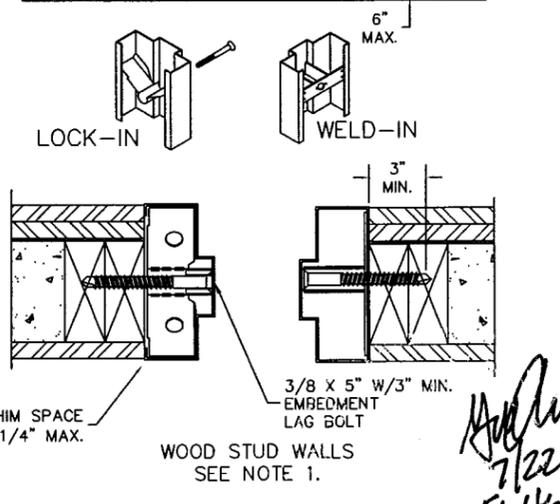
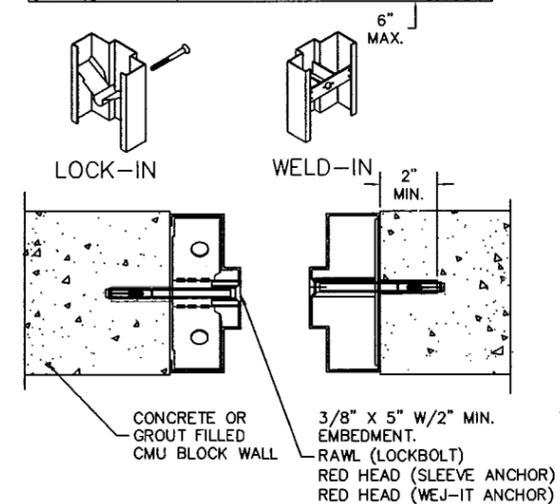
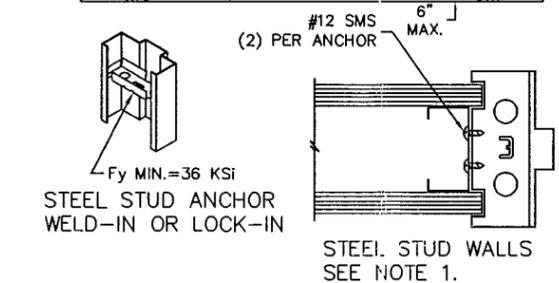
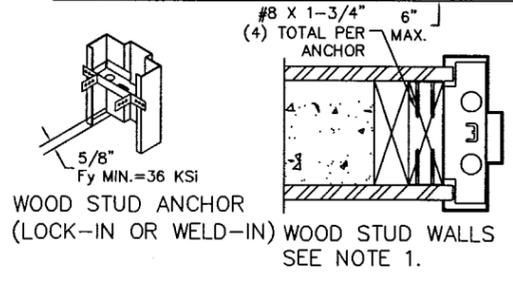
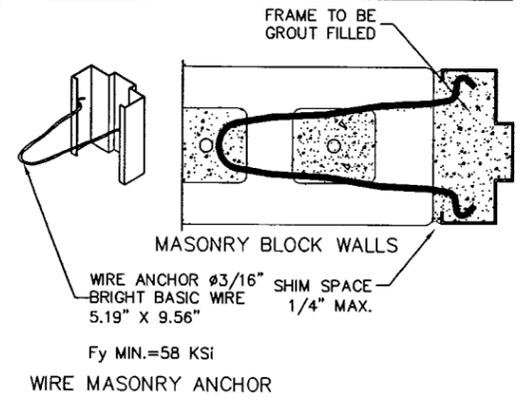
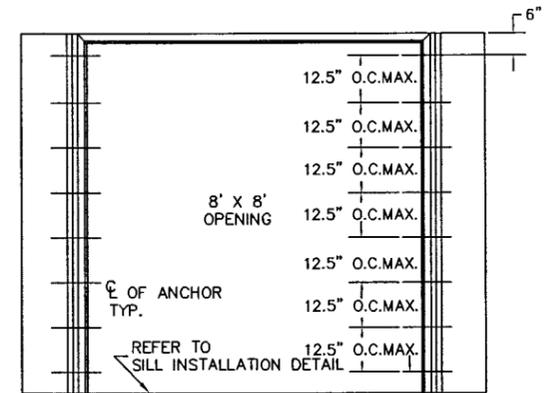
C STEEL STUD ANCHOR



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



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



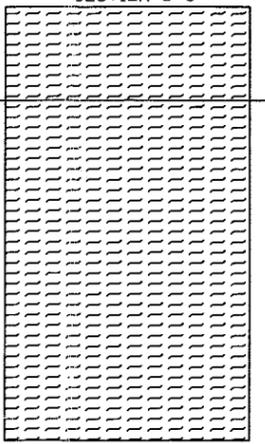
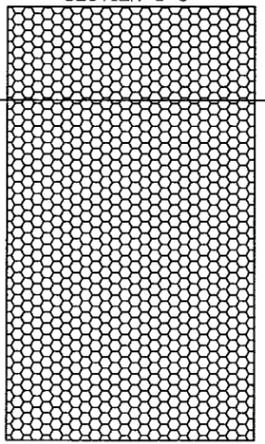
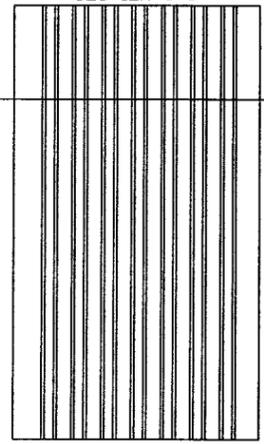
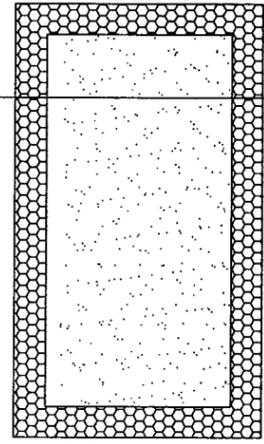
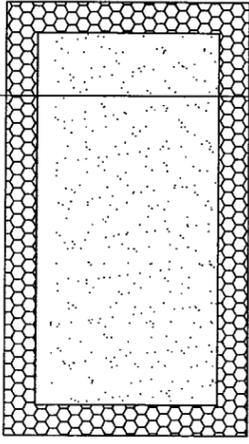
SECTION U-U

SECTION U-U

SECTION U-U

SECTION U-U

SECTION U-U



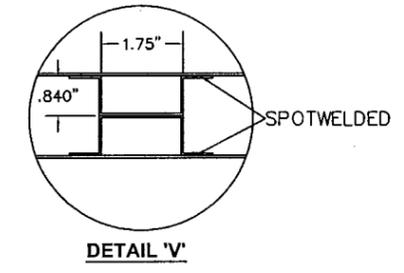
(A) POLYSTYRENE EXPANDED POLYSTYRENE FOAM GRADES 54 AND 86 DENSITY: 1.0 LB/CUFT

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

(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 (DETAIL 'V')

(D) HONEYCOMB KRAFT PAPER, 1.2" CELL SIZE

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



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 05-0325-02 Expiration Date 06/27/08
By *[Signature]*
Miami Dade Product Control Division

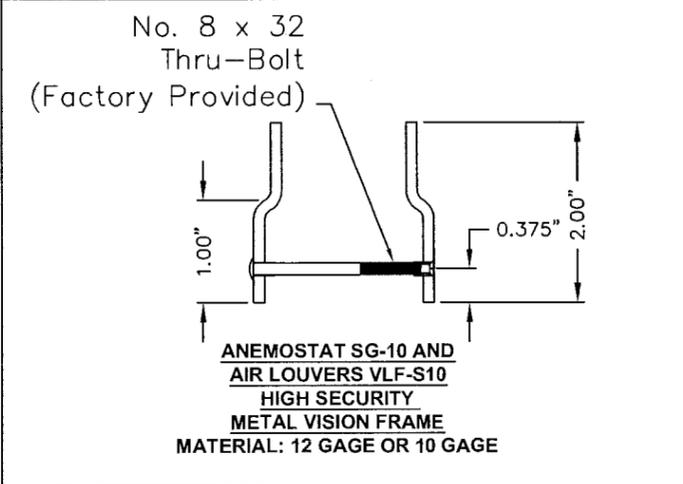
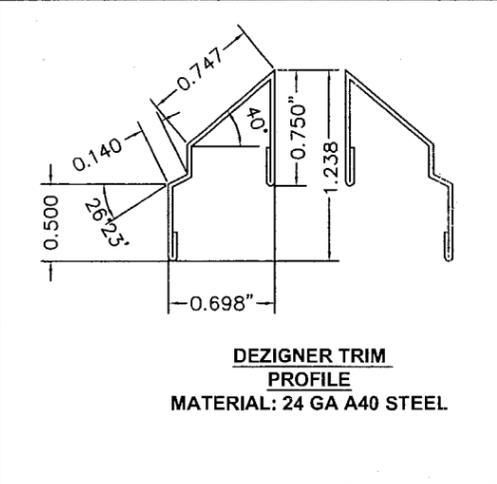
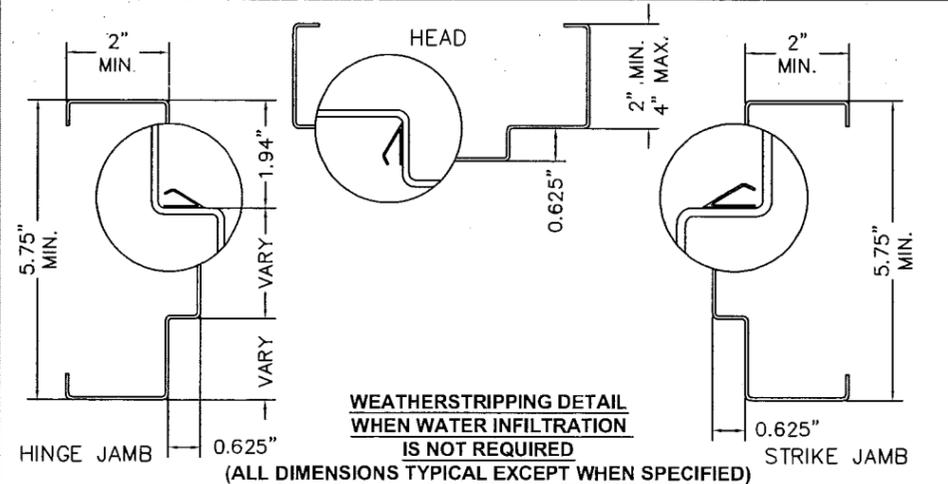
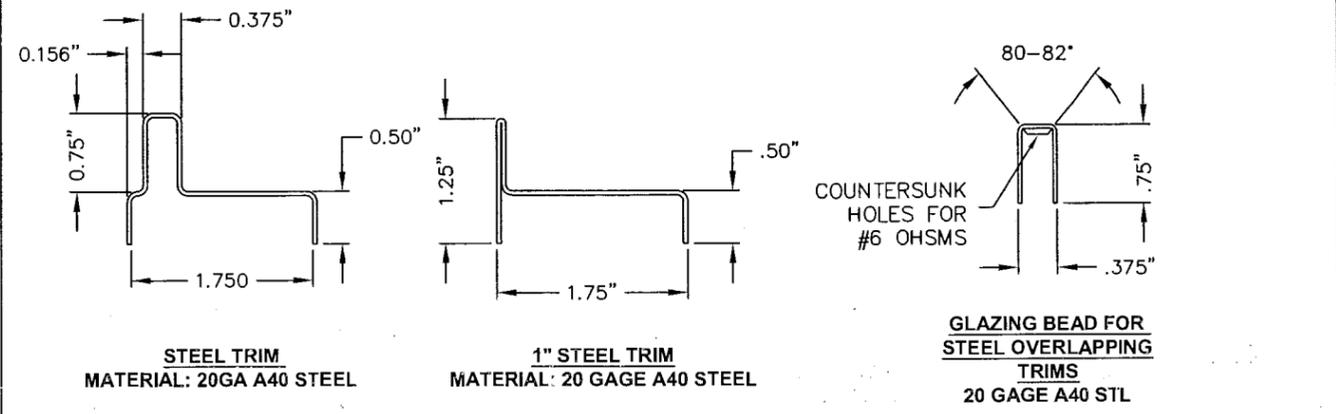
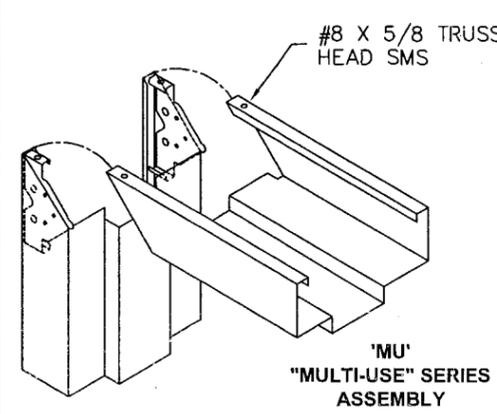
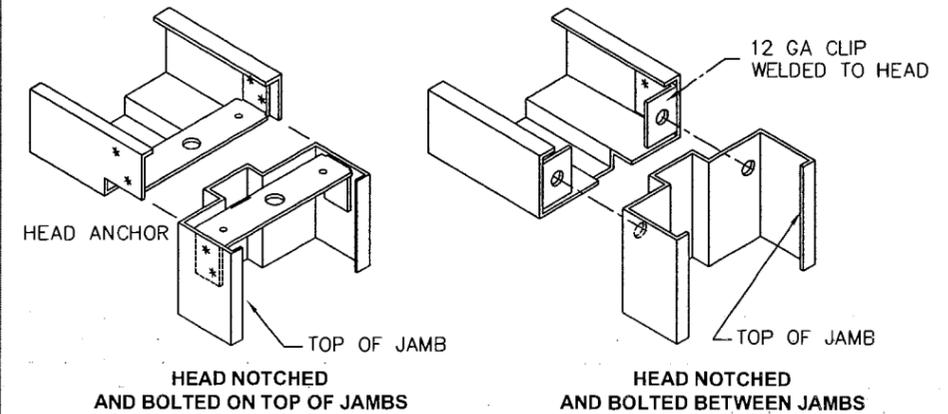
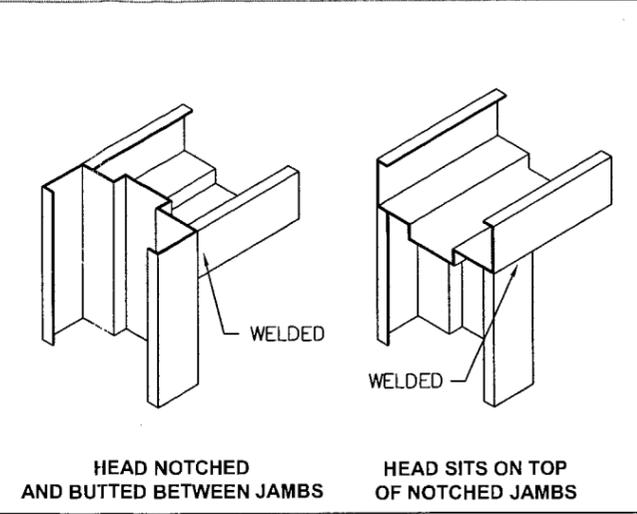
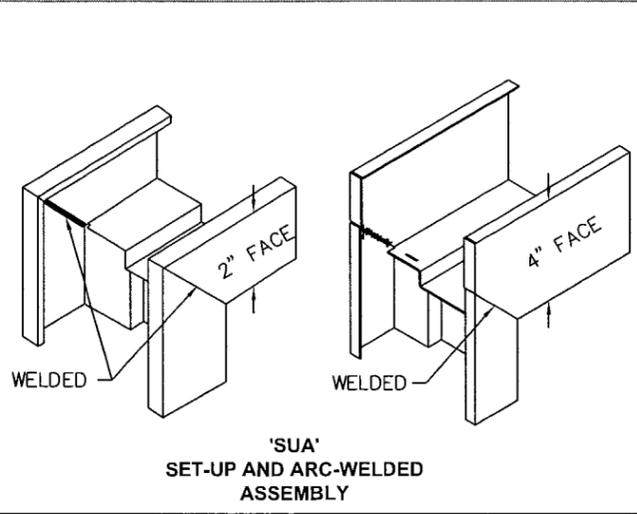
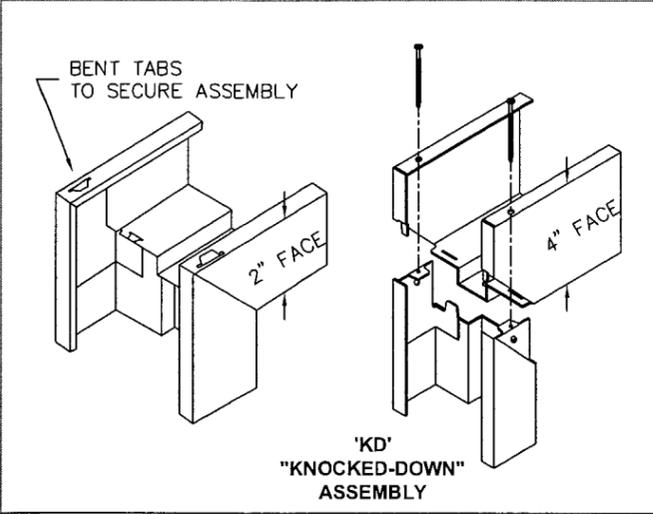
[Signature]
7/22/06
FL 46248

BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN YMF	DATE 01/10/02	TITLE DADE COUNTY ANCHOR DETAILS / MOUNTING CONDITIONS CORE OPTIONS			
CHECKED		SIZE FLAT	DWG NO. 882W	SHEET 5 OF 7	REV G
APPROVED		SCALE: NTS AUTOCAD			
ENG. APPVL					

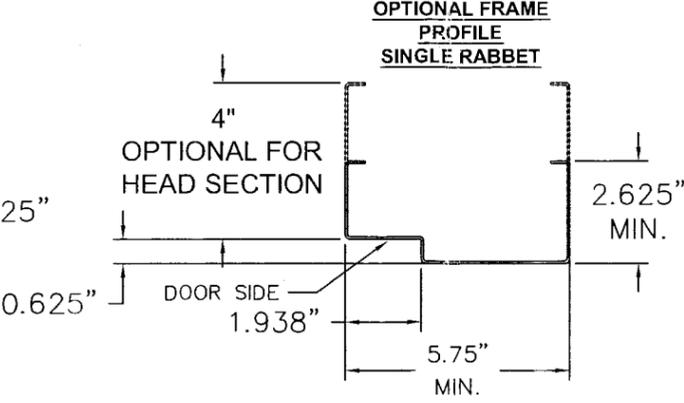
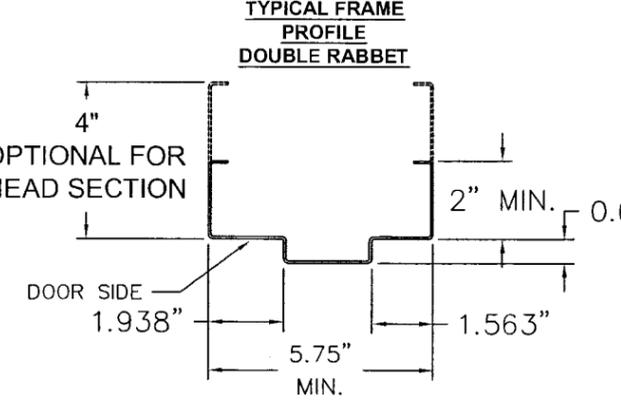
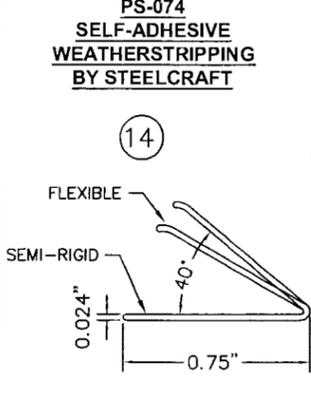
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	RELEASE TO SHOP		
F	REVISED PER DC BCCO YMF	06/09/06	

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 12/22/06
 FL 46718



PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 05-0325.02
 Expiration Date 06/27/08
 Division



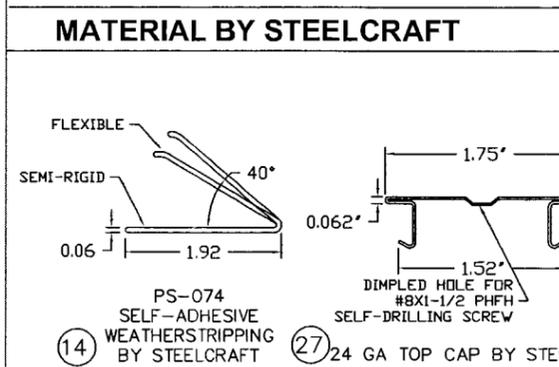
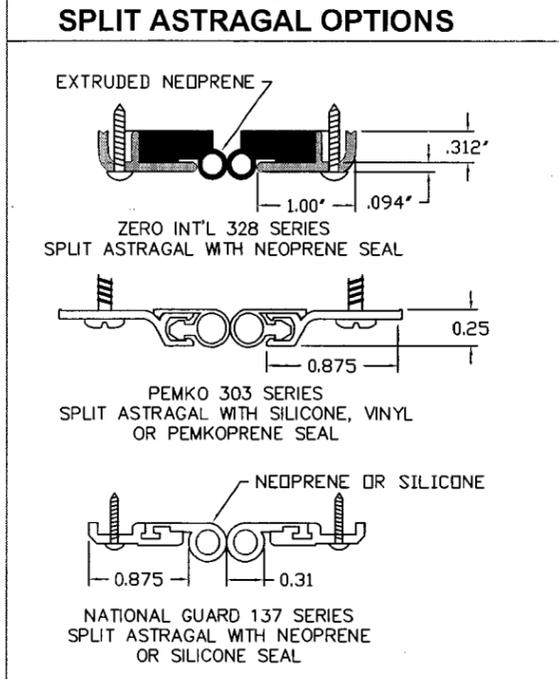
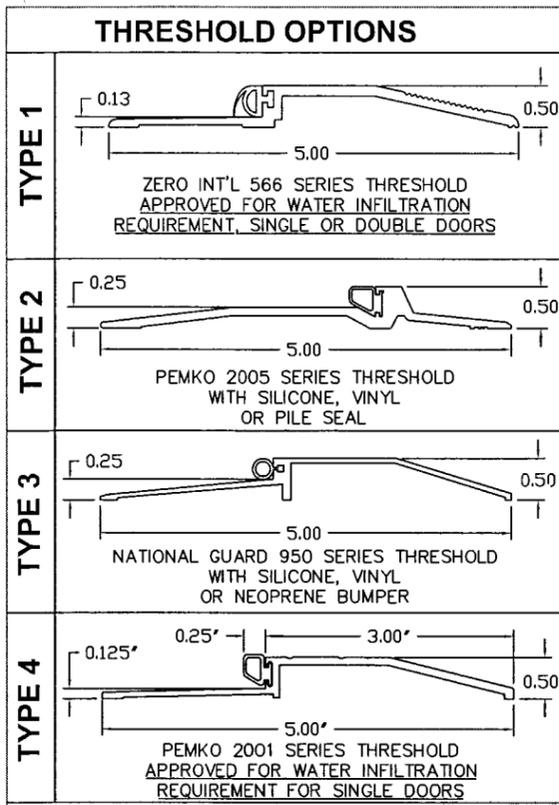
BEND RADIUS	
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 08/08/02
CHECKED	
APPROVED	
ENG. APPVL	

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

TITLE: DADE COUNTY CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH AND MU FRAMES GLAZING TRIM PROFILE

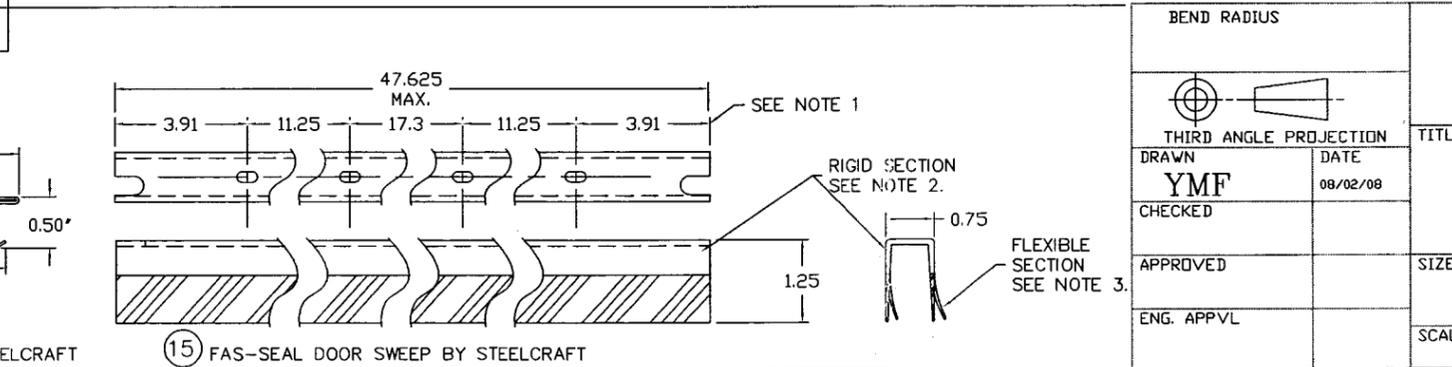
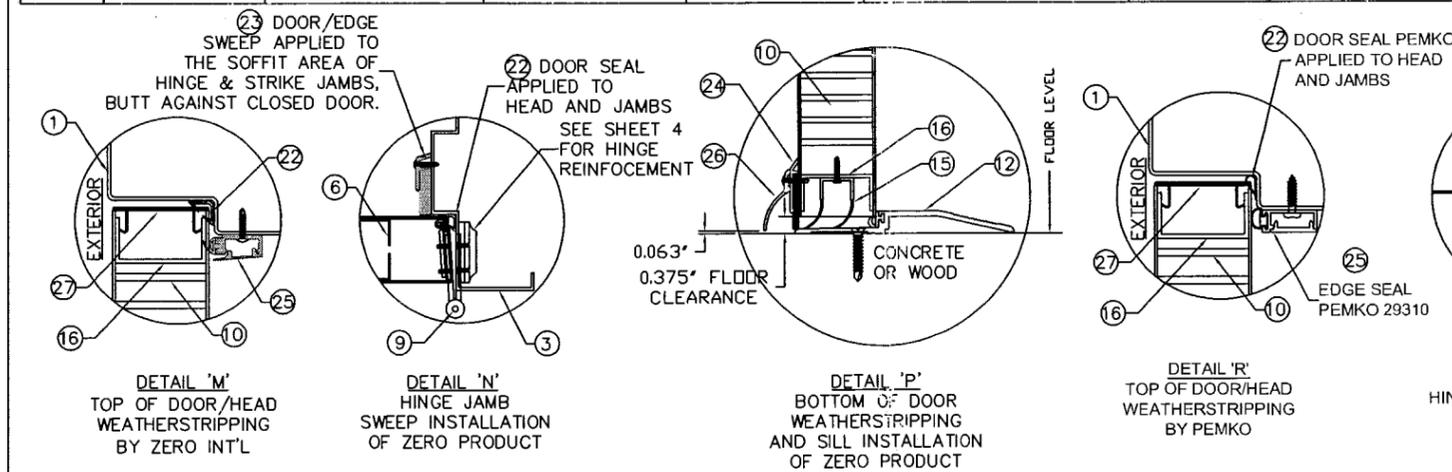
SIZE: FLAT DWG NO. 882W SHEET 6 OF 7 REV F

SCALE: NTS AUTOCAD



ADDITIONAL WEATHERSTRIPPING HARDWARE REQUIRED ONLY WHEN WATER INFILTRATION IS NEEDED

ITEM NUMBER (SHEET 1)	(22)	(23)	(24)	(25)	(26)
MATERIAL BY ZERO INT'L THRESHOLD TYPE 1 BY ZERO INT'L	PART NUMBER & DESCRIPTION 8144FS DOOR SEAL	539 DOOR SWEEP	139 DOOR SWEEP	475 ADJUSTABLE STOP	11 RAIN DRIP CAP
PART DETAIL					
INSTALLATION DETAIL	DETAIL 'M' & 'N'	DETAIL 'N'	DETAIL 'P'	DETAIL 'M'	DETAIL 'P'
MATERIAL BY PEMKO THRESHOLD TYPE 4 BY PEMKO	PART NUMBER & DESCRIPTION S88 DOOR SEAL	368 EDGE SEAL	OMIT	29310 EDGE SEAL	346 DOOR BOTTOM CAP
PART DETAIL			OMIT		
INSTALLATION DETAIL	DETAIL 'R' & 'S'	DETAIL 'S'	OMIT	DETAIL 'R'	DETAIL 'T'



REVISIONS

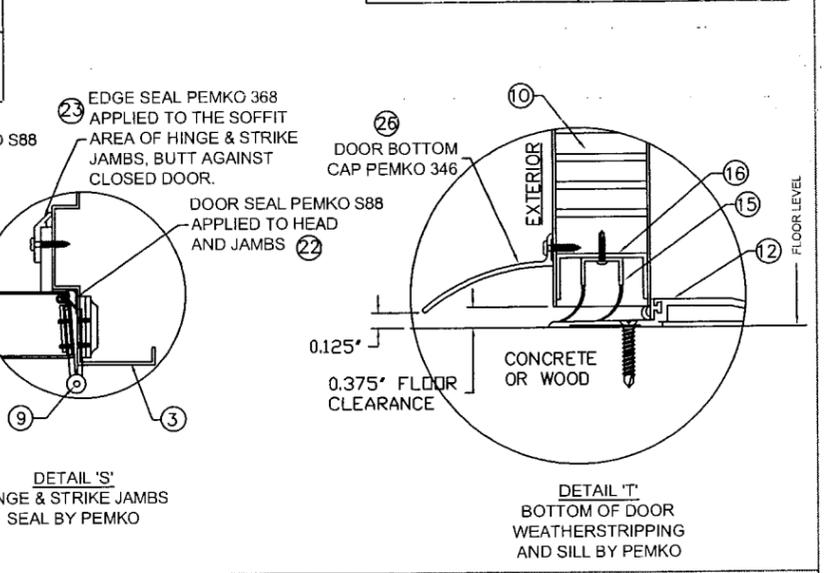
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER MDBCCO YMF	06/09/06	

Handwritten signature and date: 11/22/06 FL 46118

NOTES:

- SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
- DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER
- DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73 73 DUROMETER - SHORE A SCALE
- WEATHERSTRIPPING MATERIAL BY ZERO INT'L IS APPROVED FOR WATER INFILTRATION FOR SINGLE AND DOUBLE DOORS (DETAILS M,N,P). MATERIAL BY PEMKO IS APPROVED FOR WATER INFILTRATION FOR SINGLE DOORS ONLY (DETAILS R,S,T)

PRODUCT REVISED
 to comply with the Florida Building Code
 Acceptance File 05-0325-02
 Expiration Date 06/27/08
Handwritten signature
 Steelcraft Product Control Division



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

TITLE DADE COUNTY
 DOUBLE DOORS ACCESSORIES
 BOTTOM SWEEP
 THRESHOLDS, SPLIT ASTRAGALS
 AND WEATHERSTRIPPING

DRAWN YMF
CHECKED
APPROVED
ENG. APPVL

DATE 08/02/08

SIZE FLAT
DWG. NO. 882W
SCALE: NTS AUTOCAD

SHEET 7 OF 7
REV F