

**EFCO Corporation**  
1000 County Road; P.O. Box 609  
Monett, MO 65708

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "D300/318" Outswing Aluminum Entrance Door**

**APPROVAL DOCUMENT:** Drawing No. 1184, Rev B, titled "D300/318 Outswing Large Missile Impact Door", sheets 1 through 8 of 8, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated SEP 30, 2011, signed and sealed by Warren Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact****Limitations:**

1. Refer to lock item No(s) Vs design pressure in sheet 1. Lock item # 47 is applicable to Single door only.
2. When Door mulled with Curtain Wall (C.W.) System, lower design pressure of doors or C. W. shall control. Mullion loads & installation anchors to be reviewed by AHJ.
3. Min Three (3) Hinges required. Butt Hinges are located from 6-7/8" from top & 10-5/8" from bottom and one at mid panel. The Pivot hinges are located at top & bottom of panel and one intermediate at mid panel. Nominal panel is 1" shorter than frame height (FH) and 2" shorter than frame width (FW).

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series 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.

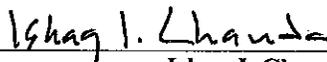
This NOA revises NOA # 08-0131.06 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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

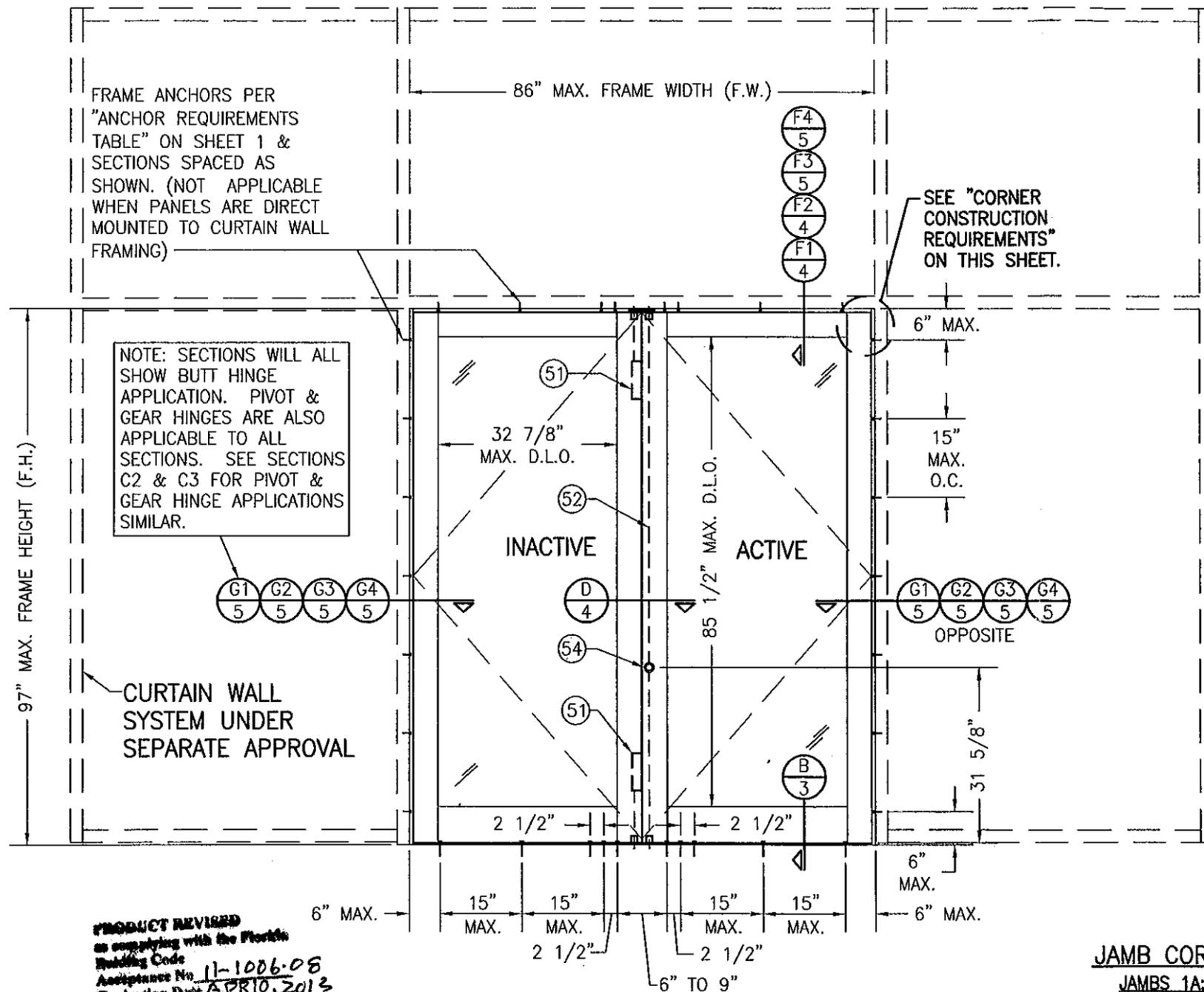
11/18/11

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

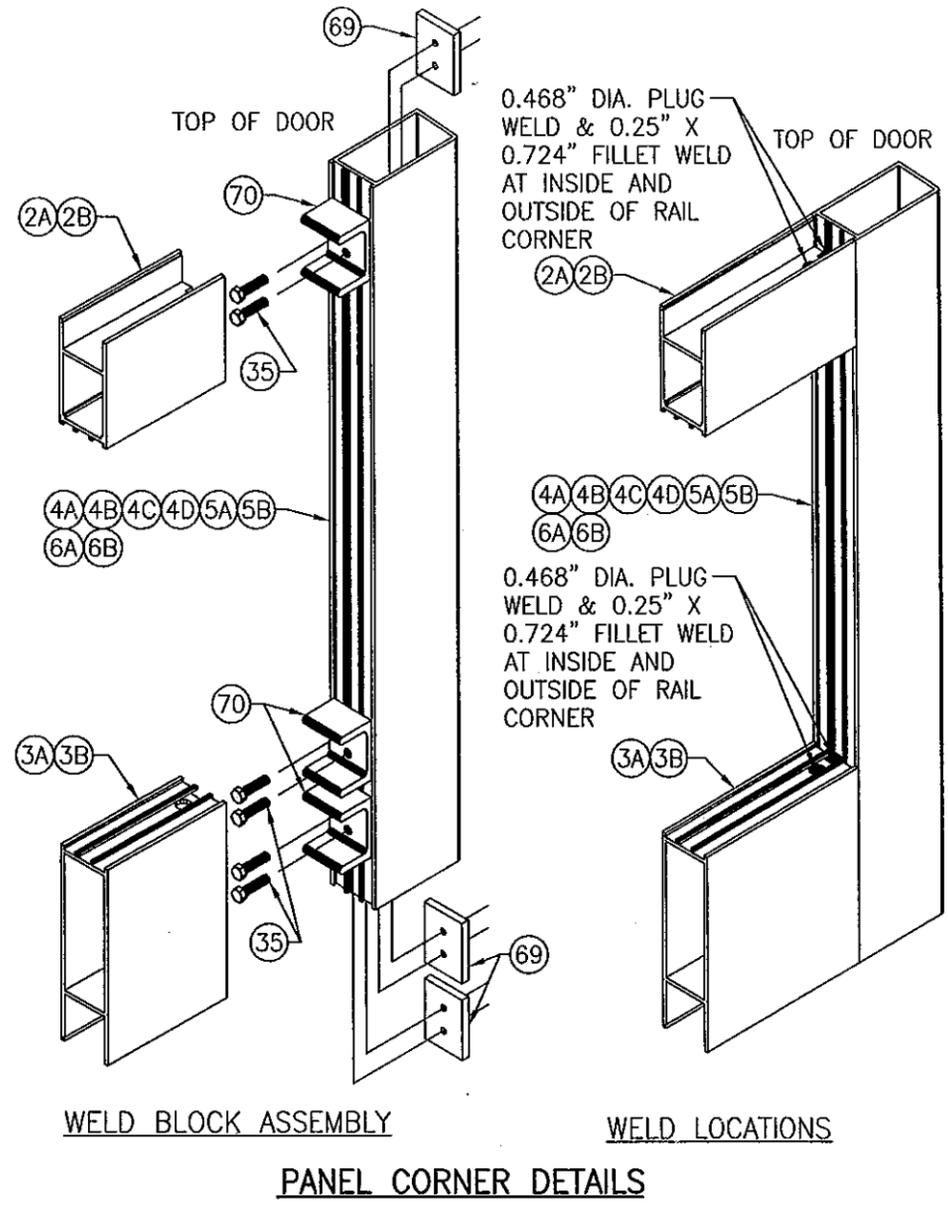
- A. DRAWINGS** (transferred from file # **08-0131.06**)
1. Manufacturer's die drawings and sections.
  2. Drawing No. **1184, Rev B**, titled "D300/318 Outswing Large Missile Impact Door", sheets 1 through 8 of 8, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated SEP 30, 2011, signed and sealed by Warren Schaefer, P.E.
- B. TESTS** (Original in file # 02-1219.07 / 08-0131.06) original test conducted per SFBC, PA 201. 202 & 203-94, now known as FBC, TAS 201, 202 & 203-94.
1. 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 and TAS 202-94along with marked-up drawings and installation diagram of an outswing aluminum door, prepared by Hurricane Test Laboratory, Inc., Test Report No. HTL 0046-1217-01 dated 12/11/01, HTL 0046-0315-02 dated 3/20/02 and HTL 0046-1018-02 dated 10/8/02, all signed and sealed by Vinu J. Abraham, P.E.
- C. CALCULATIONS**
1. Statement letter of compliance to FBC 2007 and 2010, dated SEP 26, 2011, prepared, signed and sealed by Warren Schaefer, P.E.
  2. Anchor Calculations and structural analysis complying w/ FBC 2004 & 2007, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 05/08/2008, signed and sealed by Warren Schaefer, P.E. (submitted as part of file # **08-0131.06**)
  3. Glazing complies w/ ASTME-1300-02 & -04
- D. QUALITY ASSURANCE**
1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Plus**", expiring on 01/14/12.
  2. Notice of Acceptance No. **08-0206.01** issued to Solutia, for "Saflex HP glass interlayer", expiring on 04/17/2013
- F. STATEMENTS**
1. Statement letter of compliance to FBC 2007 and 2010, dated SEP 26, 2011, prepared, signed and sealed by Warren Schaefer, P.E.
  2. Statement letter of conformance & no financial interest, dated 05/08/08, signed and sealed by Warren Schaefer, P.E. (from file # **08-0131.06**)
  3. Laboratory compliance statement, part of above referenced test reports.
- G. OTHER**
1. This NOA **revises** NOA # **08-0131.06**, expiring on Sep. 11, 2013.

  
\_\_\_\_\_  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 11-1006.08  
Expiration Date: April 10, 2013  
Approval Date: November 17, 2011





**EXTERIOR ELEVATION**  
**DOUBLE OPERABLE DOOR WITH CURTAIN WALL SYSTEM**  
 SCALE: 1/2"=1'-0"



**PANEL CORNER DETAILS**

**JAMB CORNER CONSTRUCTION:**

- JAMBS 1A:**  
 SIDE TO HEAD JAMB: HEAD JAMBS ARE SQUARE CUT & BUTTED BETWEEN ADJACENT SIDE JAMBS. EACH JAMB IS MECHANICALLY FASTENED TO THE HEAD MEMBER USING (2) 1/4-14 X 1" HWH SMS.  
 SIDE JAMB TO SILL: SILLS ARE SQUARE CUT & INSERTED BETWEEN ADJACENT SIDE JAMBS.
- JAMBS 1B, 1C & 1D:**  
 SIDE TO HEAD JAMB: FRAME MEMBERS ARE SQUARE CUT, BUTTED TOGETHER & SECURED TO THE OPENING WITH FRAME SCREWS (NO CORNER FASTENING).  
 SIDE JAMB TO SILL: SILLS ARE SQUARE CUT & INSERTED BETWEEN ADJACENT SIDE JAMBS.

FRAME ANCHORS PER "ANCHOR REQUIREMENTS TABLE" ON SHEET 1 & SECTIONS SPACED AS SHOWN. (NOT APPLICABLE WHEN PANELS ARE DIRECT MOUNTED TO CURTAIN WALL FRAMING)

NOTE: SECTIONS WILL ALL SHOW BUTT HINGE APPLICATION. PIVOT & GEAR HINGES ARE ALSO APPLICABLE TO ALL SECTIONS. SEE SECTIONS C2 & C3 FOR PIVOT & GEAR HINGE APPLICATIONS SIMILAR.

SEE "CORNER CONSTRUCTION REQUIREMENTS" ON THIS SHEET.

DIMENSIONS ARE TYPICAL AT HEAD AND SILL.

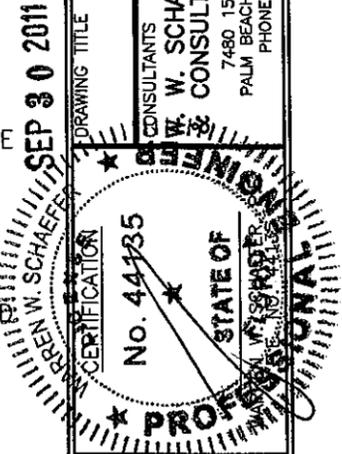
**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 11-1006-08  
 Expiration Date APRIL 2013  
 By: *Isaac L. Chant*  
 Member Florida Building Code

DRAWN BY:	T.J.W.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	05/20/08
NO.		REVISION DESCRIPTION	
BY		DATE	

**D300/318 OUTSWING LARGE MISSILE IMPACT DOOR**

**MANUFACTURER**  
**EFCO CORPORATION**  
 1000 COUNTY ROAD; P.O. BOX 609  
 MONETT, MO 65708-0609  
 800-221-4169

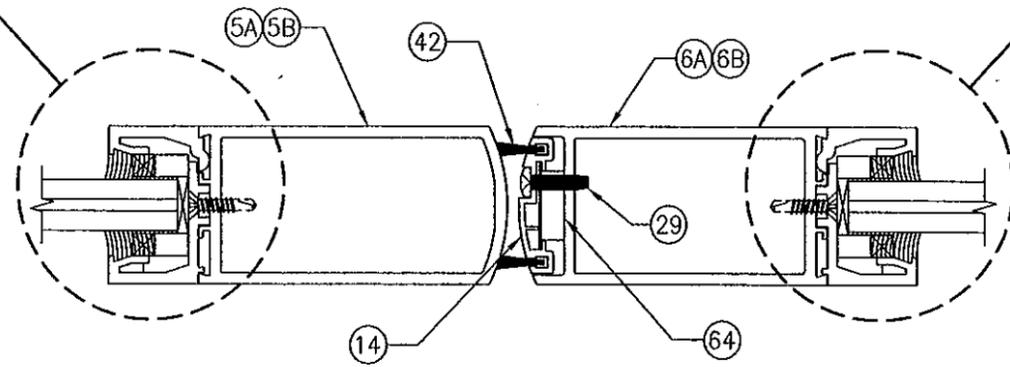
**CONSULTANTS**  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)**  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424



DRAWING NO.	1184	REV.	B
SHEET NO.	2	OF	8

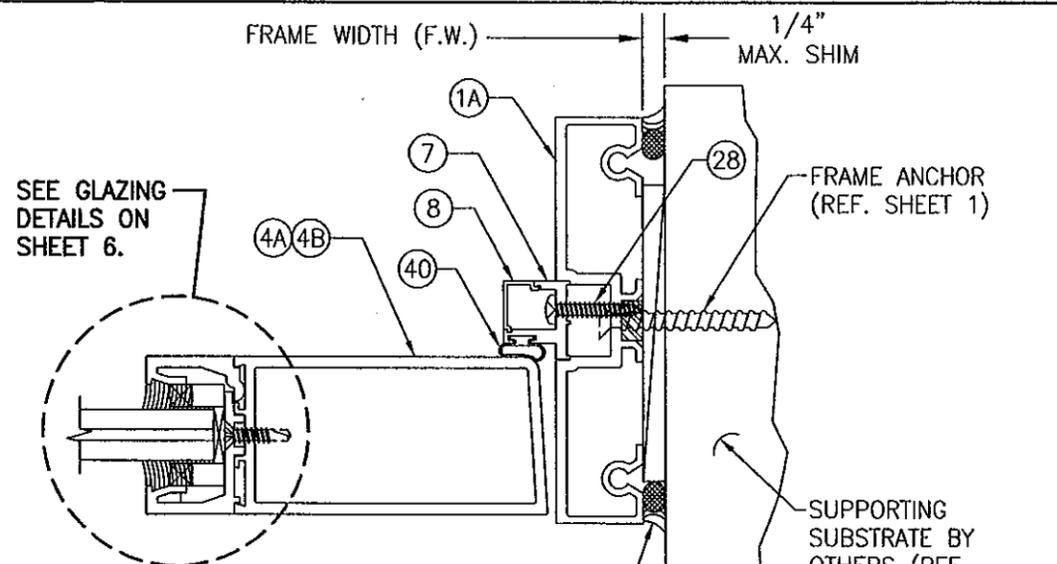


SEE GLAZING  
DETAILS ON  
SHEET 6.

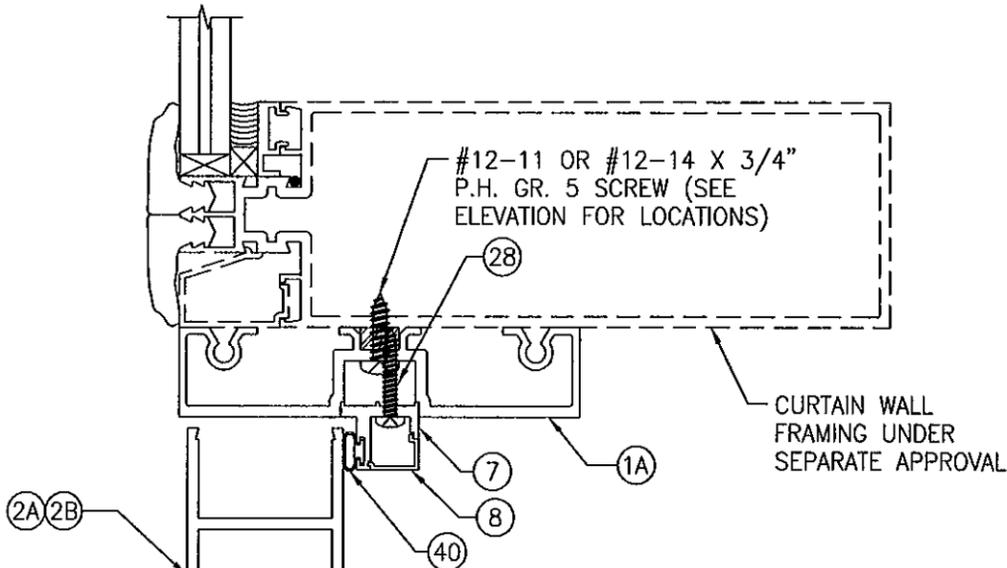


SECTION **D**  
SCALE: 1/2 FULL **4**

SEE GLAZING  
DETAILS ON  
SHEET 6.



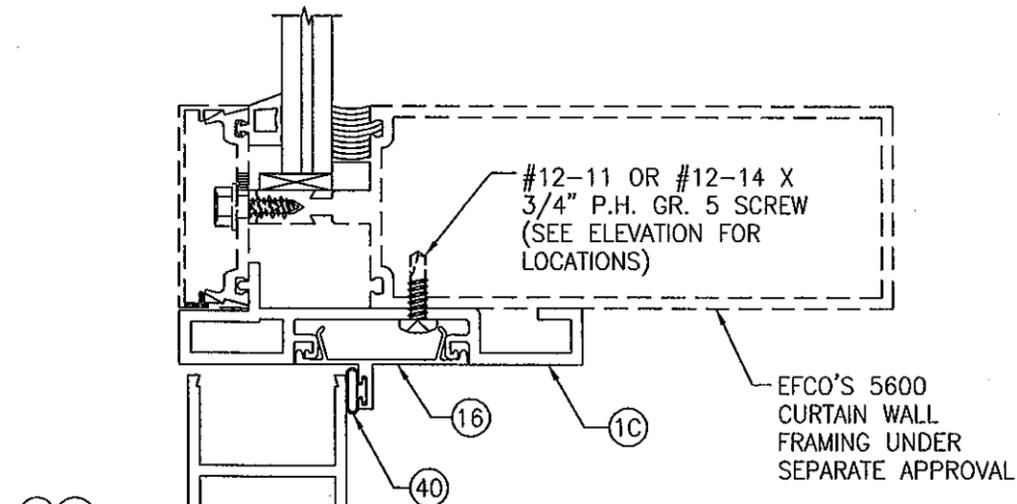
SECTION **E**  
SCALE: 1/2 FULL **4**  
(SHOWN WITH FRAME 1A); ALL OTHER  
FRAMES ALSO APPLICABLE)



SECTION **F1**  
SCALE: 1/2 FULL **4**

(STANDARD FRAME 1A) TO GENERIC CURTAIN WALL)

**PRODUCT REVISED**  
to comply with the Florida  
Building Code  
Assignment No. 11-1006-08  
Expiration Date APR 10, 2013  
*Ismael L. Chavira*  
Structural Engineer



SECTION **F2**  
SCALE: 1/2 FULL **4**

(FRAME 1C) TO EFCO 5600 CURTAIN WALL)

NO.	REVISION DESCRIPTION	BY	DATE

D300/318 OUTSWING LARGE MISSILE IMPACT DOOR

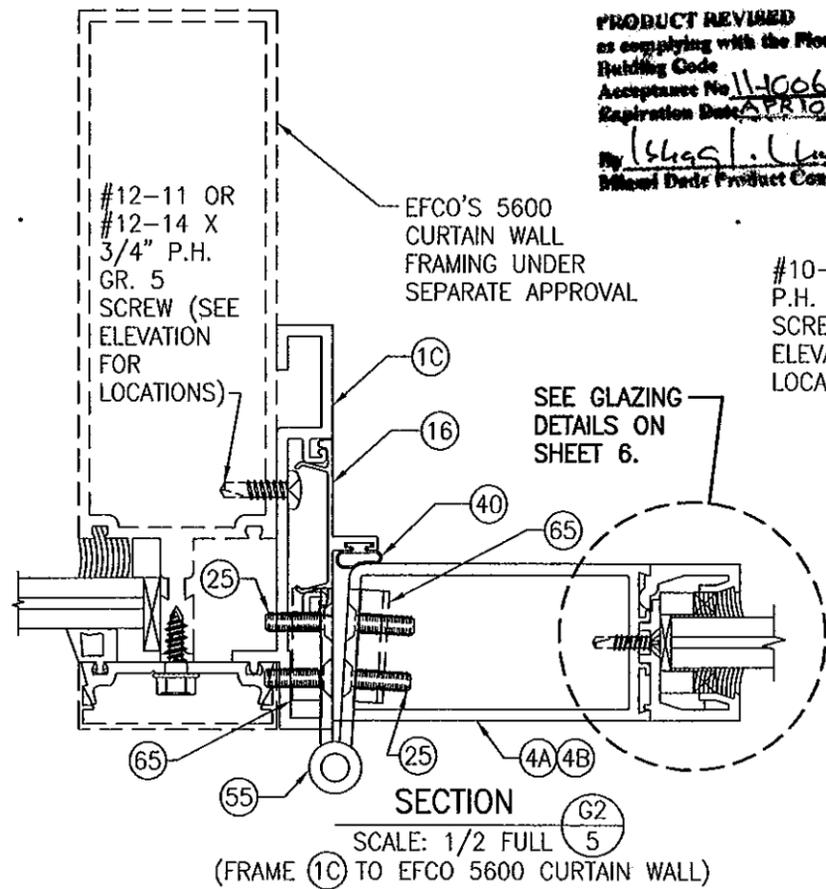
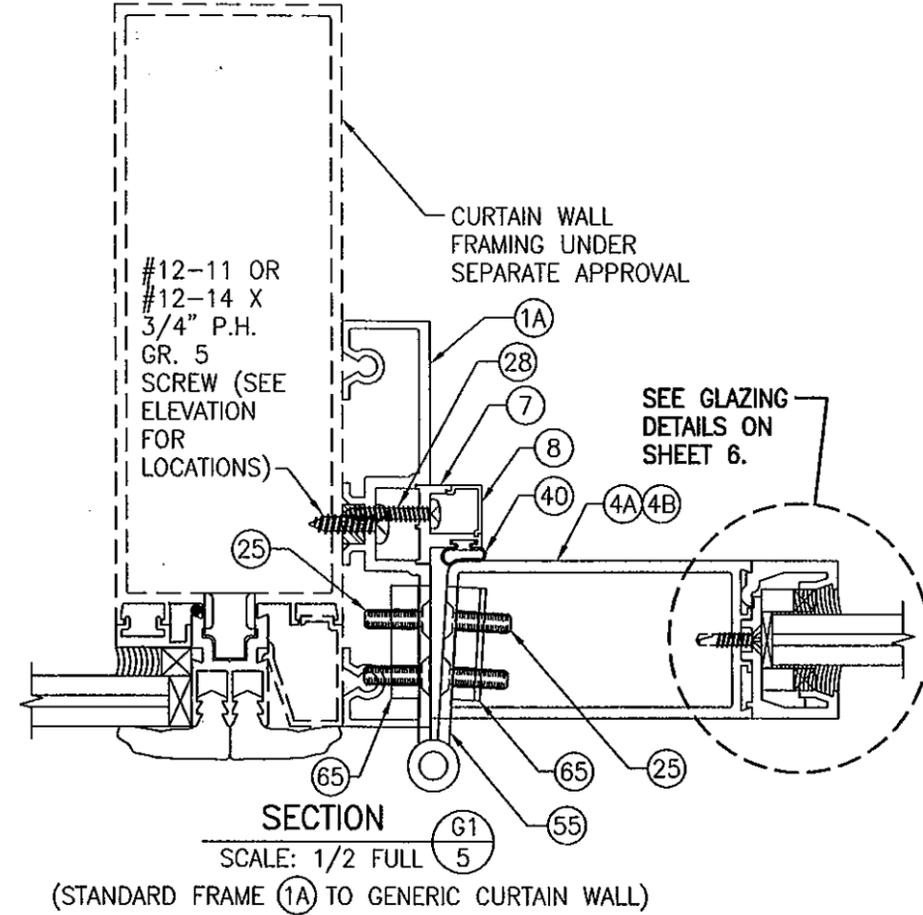
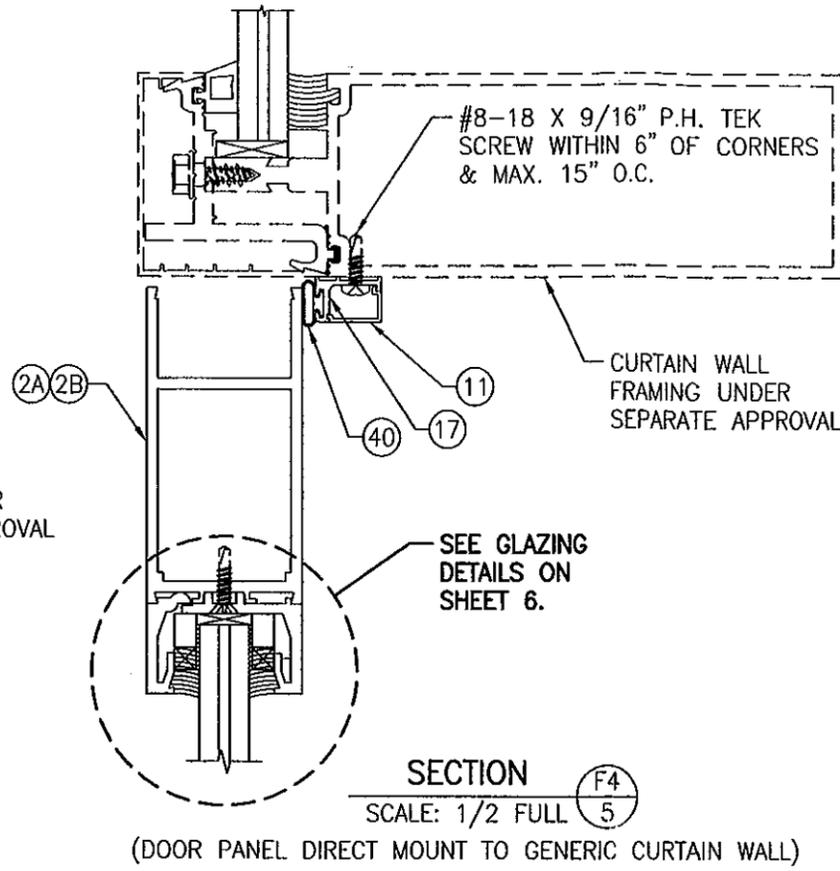
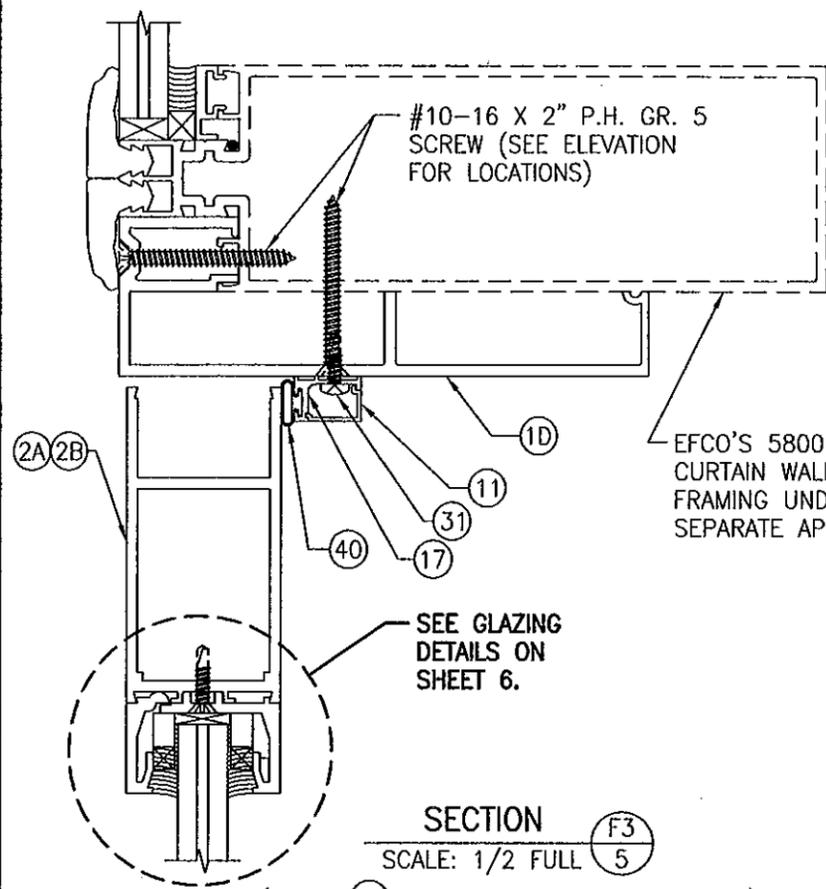
MANUFACTURER  
**EFCO CORPORATION**  
1000 COUNTY ROAD; P.O. BOX 609  
MONETT, MO 65708-0609  
800-221-4169

CONSULTANTS  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)**  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

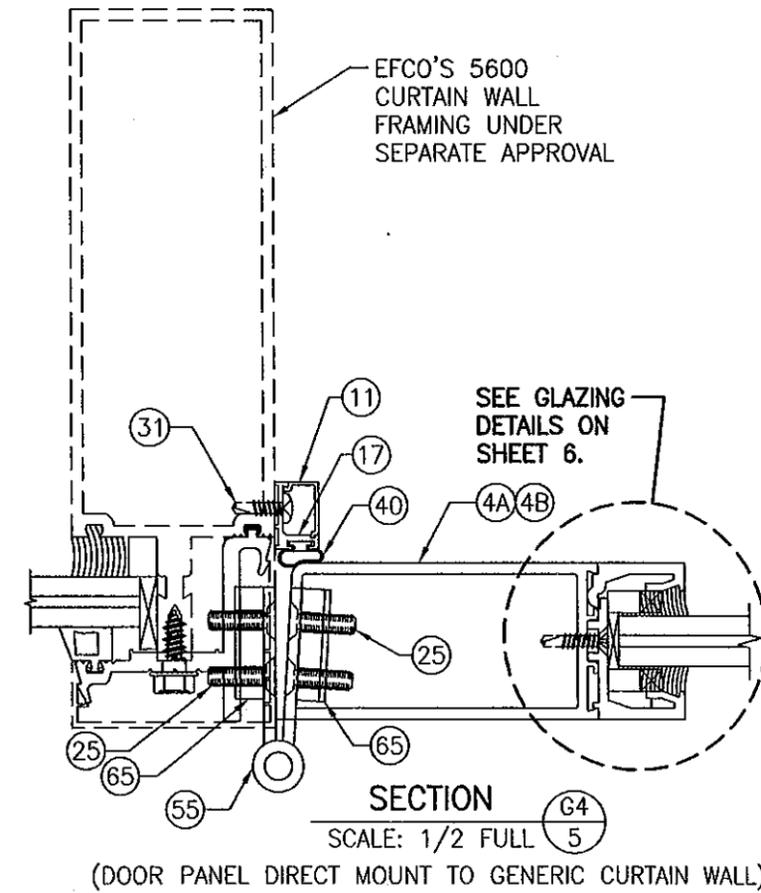
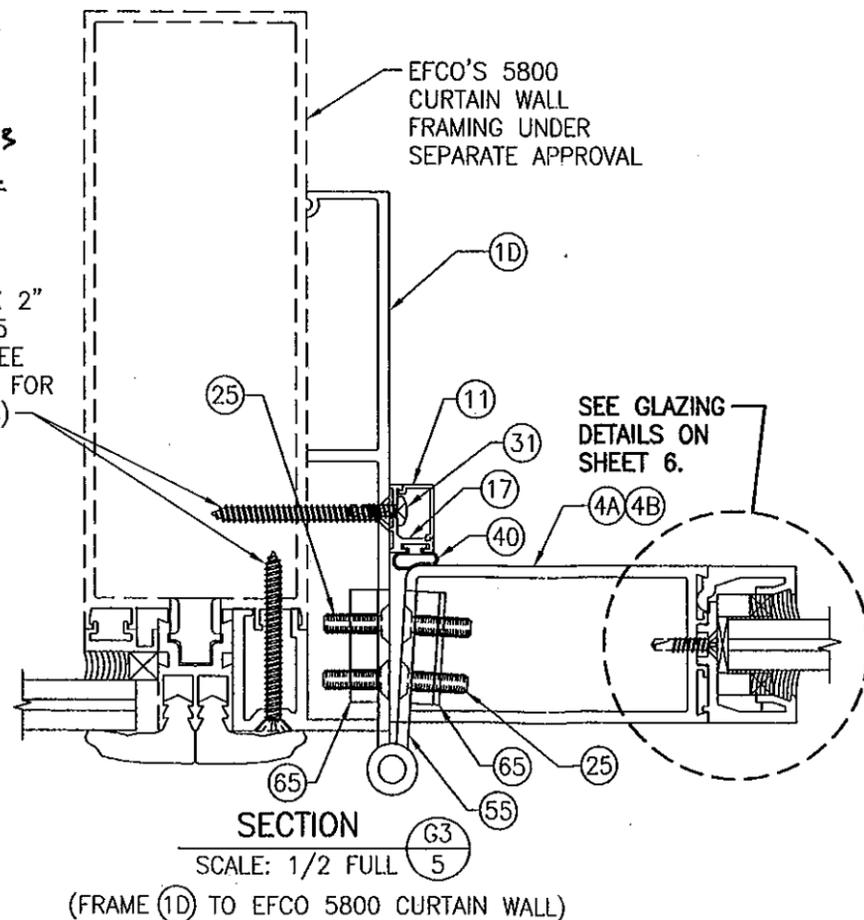
DRAWING TITLE

SEP 30 2011  
WARREN W. SCHAEFER  
LICENSE  
CERTIFICATION

DRAWING NO.	REV.
1184	B
SHEET NO.	OF
4	8



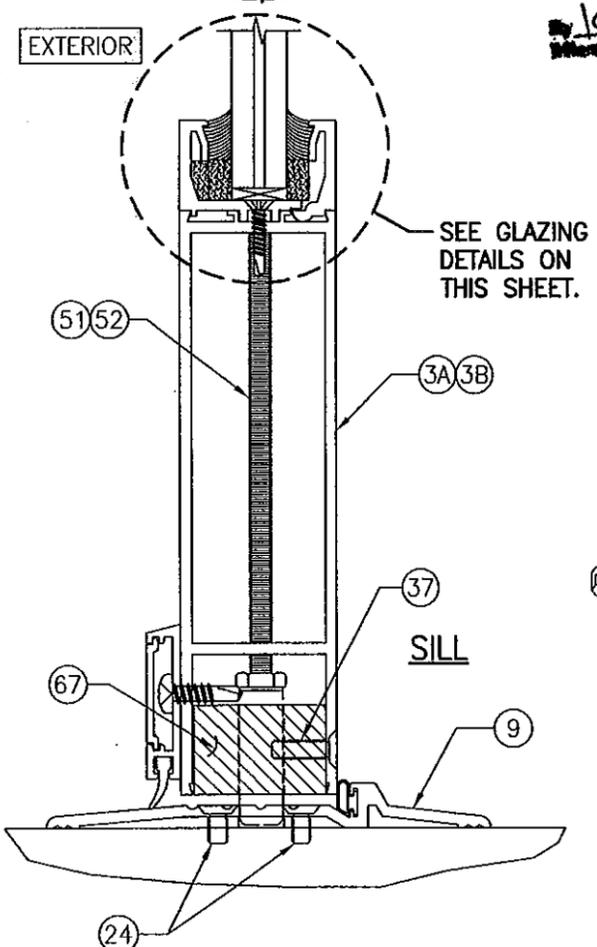
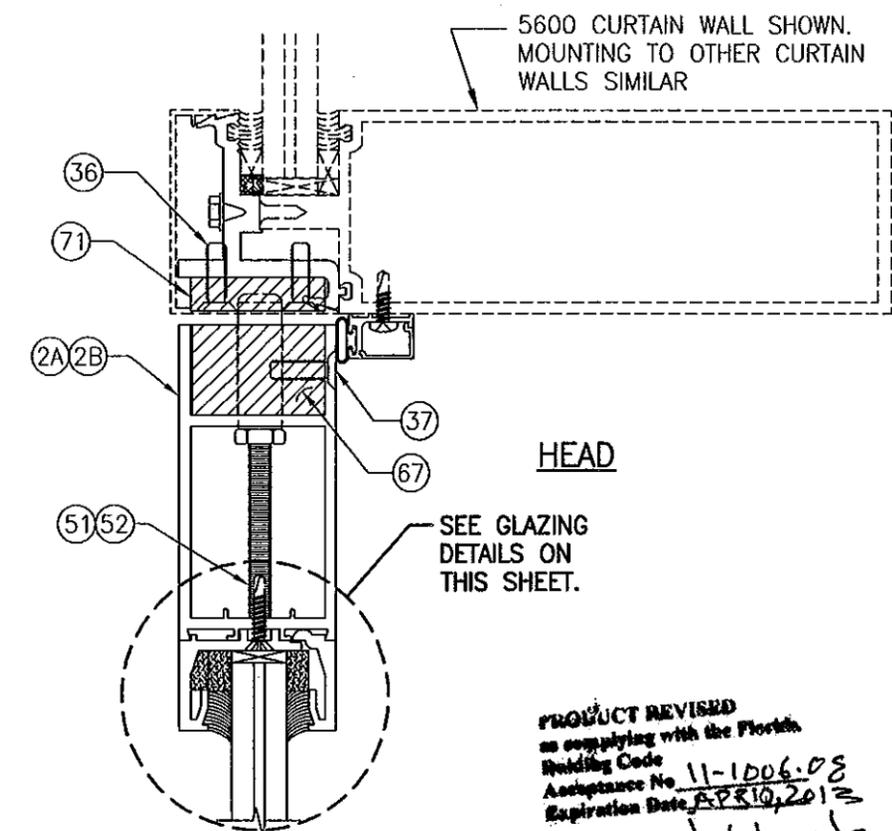
**PRODUCT REVIEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 11-006-08  
 Expiration Date: APR 10, 2013  
 by [Signature]  
 Miami Dade Product Control



SEP 30 2011  
 No. 44125  
 WARREN N. SCHAEFER  
 LICENSE

DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 05/20/08
NO.	DATE
BY	REVISION DESCRIPTION
D300/318 OUTSWING LARGE MISSILE IMPACT DOOR	
EFCO CORPORATION 1000 COUNTY ROAD; P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
MANUFACTURER	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE	
D300/318 OUTSWING LARGE MISSILE IMPACT DOOR	
DRAWING NO. 1184	
REV. B	
SHEET NO. 5 OF 8	

STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 WARREN N. SCHAEFER, P.E.  
 LICENSE NO. 44125

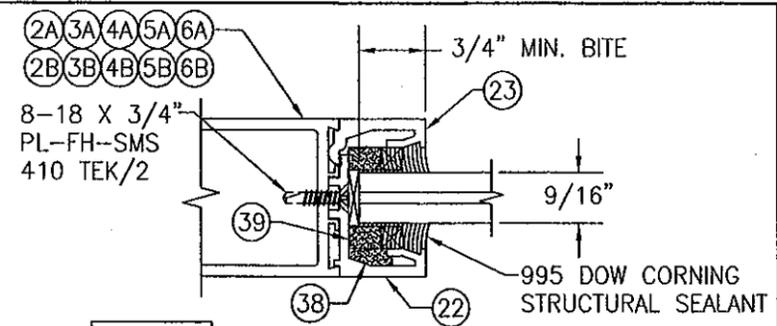
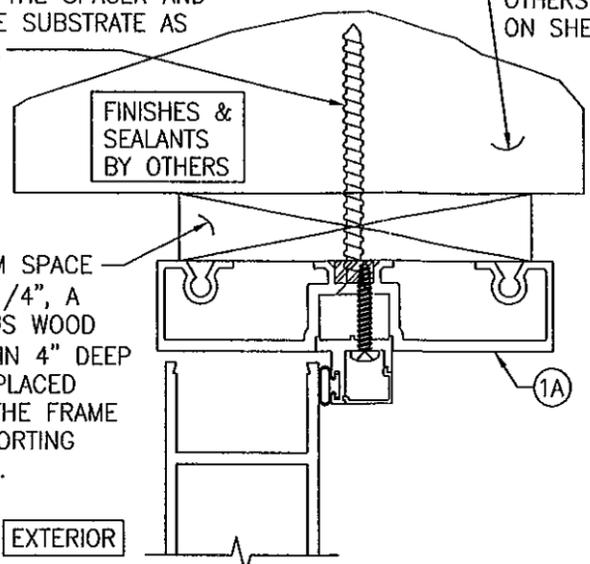


SECTION AT LOCK STRIKE

FRAME ANCHOR PER "ANCHOR REQUIREMENTS TABLE" ON SHEET 1. ANCHOR MUST RUN THROUGH THE SPACER AND PENETRATE SUBSTRATE AS REQUIRED.

WHEN SHIM SPACE EXCEEDS 1/4", A CONTINUOUS WOOD MEMBER MIN 4" DEEP MUST BE PLACED BETWEEN THE FRAME AND SUPPORTING SUBSTRATE.

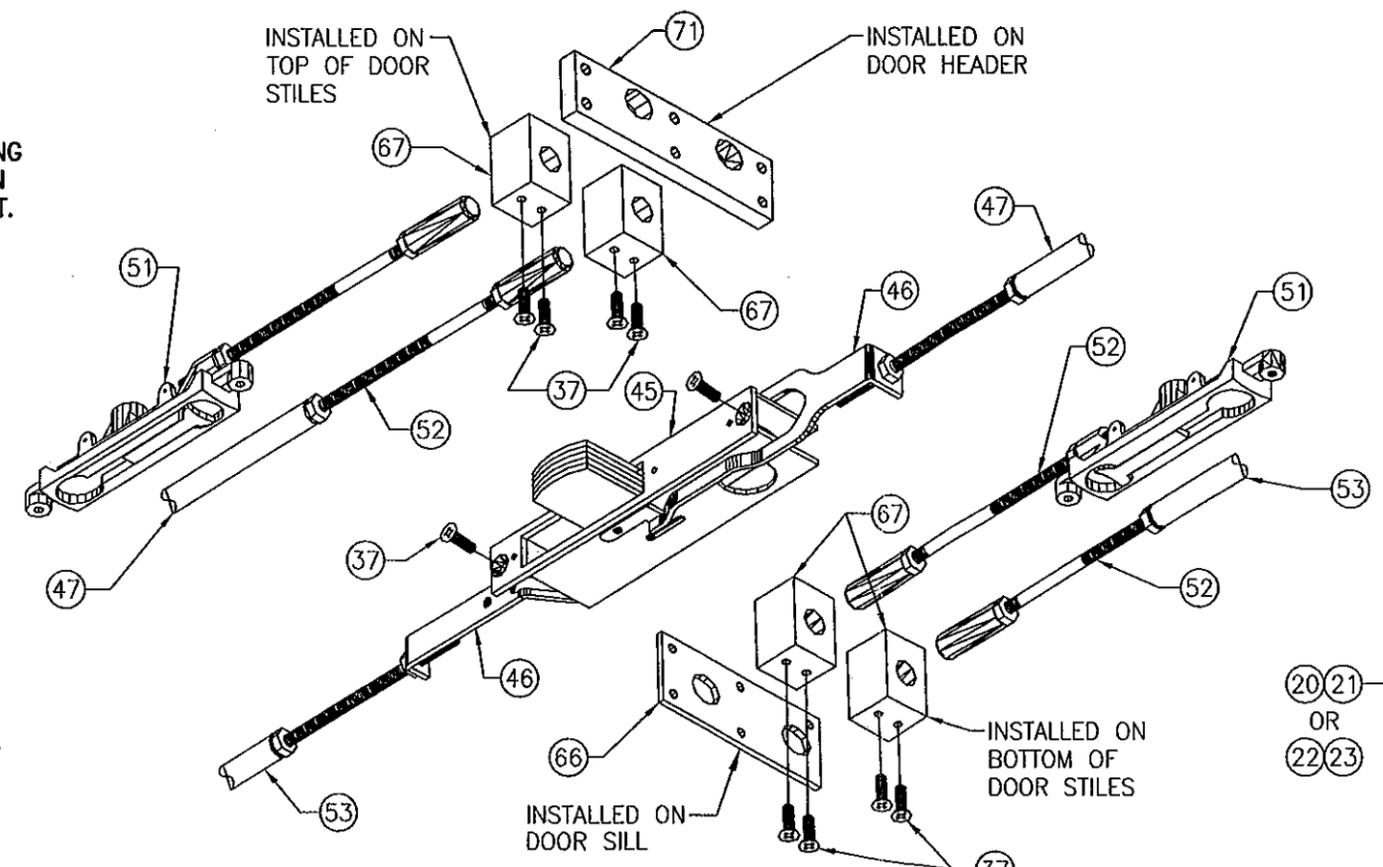
OPTIONAL SPACER MOUNT DETAIL  
FOR ALL DETAILS NOT SHOWN, SEE SECTIONS ON SHEETS 3 THROUGH 5.



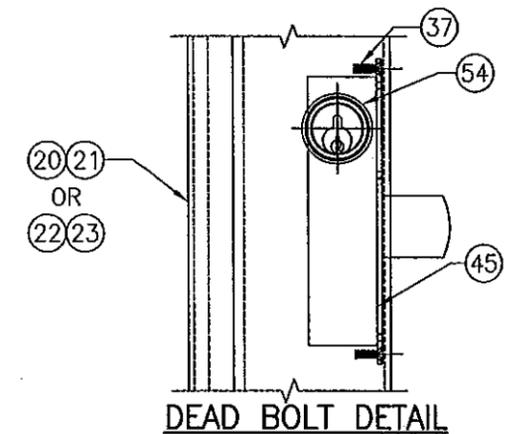
GLAZING DETAIL

- OPTION 1: 9/16" THICK SOLUTIA SAFLEX LAMINATED GLASS (1/4" H.S./0.100" SOLUTIA SAFLEX H.P./1/4" H.S.)
- OPTION 2: 9/16" THICK VIRACON S.G.P. LAMINATED GLASS (1/4" H.S./0.090" DUPONT SG/1/4" H.S.)
- OPTION 3: 9/16" THICK SOLUTIA SAFLEX LAMINATED GLASS (1/4" CLEAR H.S./0.090" SOLUTIA SAFLEX IIII PVB/1/4" CLEAR H.S.)

PRODUCT REVISED  
in compliance with the Florida  
Building Code  
Acceptance No. 11-1006-08  
Expiration Date APR 10, 2012  
By *Klaus L. Liska*  
Metal Dots Product Control



MULTI-POINT LOCKING SYSTEM DETAIL

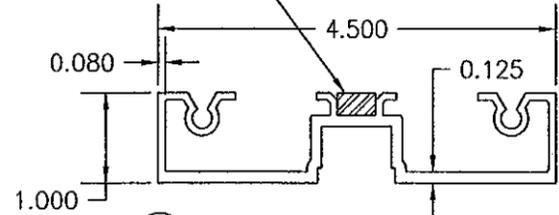


DEAD BOLT DETAIL

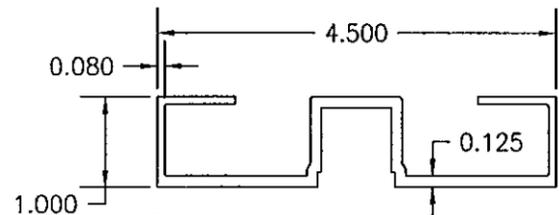


DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 05/20/08
REVISION DESCRIPTION	DATE
BY	
NO.	
DRAWING TITLE D300/318 OUTSWING LARGE MISSILE IMPACT DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER EFCO CORPORATION 1000 COUNTY ROAD; P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169
DRAWING NO. 1184	
REV. B	
SHEET NO. 6 OF 8	

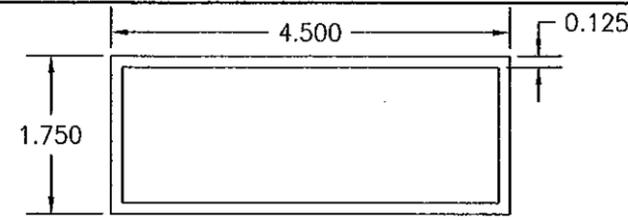
0.25" X 0.43 CONTINUOUS ALUMINUM BAR FULLY ADHERED TO JAMB



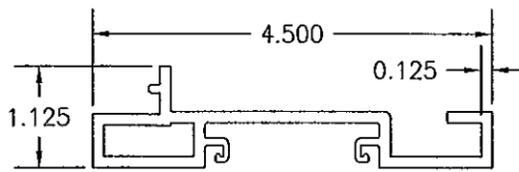
1A S5600 IMPACT HEAD JAMB (OPTION 1)



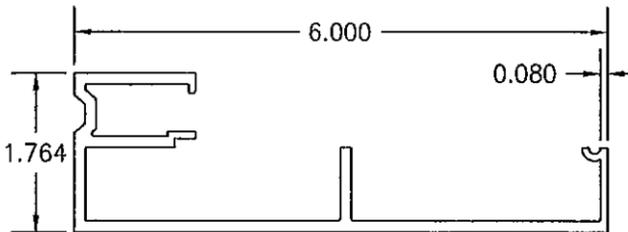
1A S5600 IMPACT HEAD JAMB (OPTION 2)



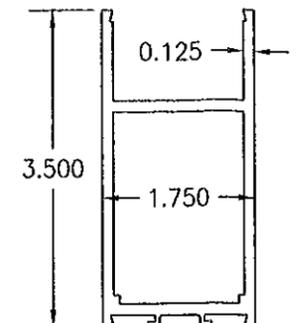
1B OPTIONAL HEAD JAMB



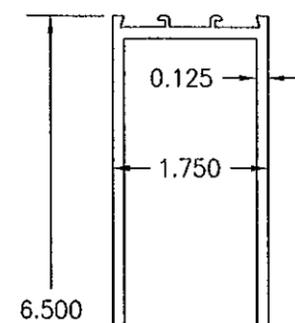
1C S5600 HEAD JAMB



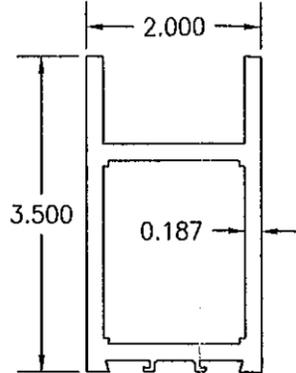
1D S5800 HEAD JAMB



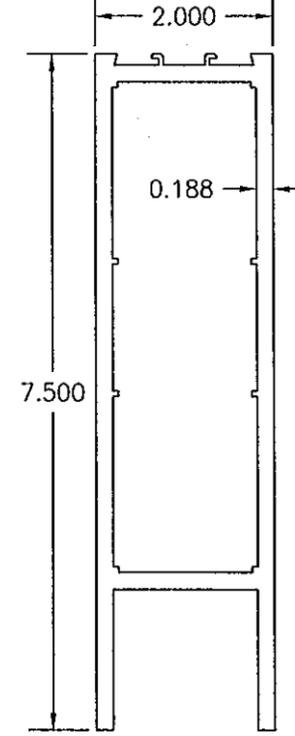
2A D300 TOP RAIL



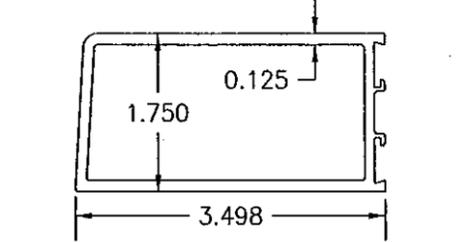
2A D300 TOP RAIL



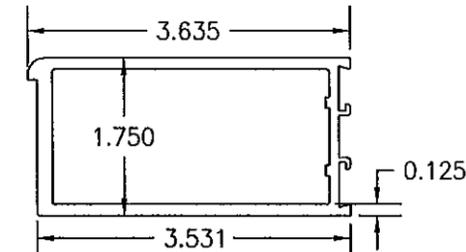
3A D300 BOTTOM RAIL



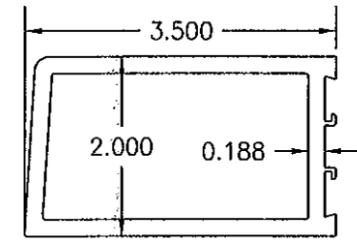
3B D318 BOTTOM RAIL



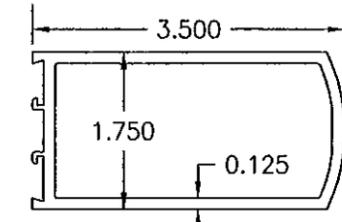
4A D300 HINGE/PIVOT/LOCK STILE



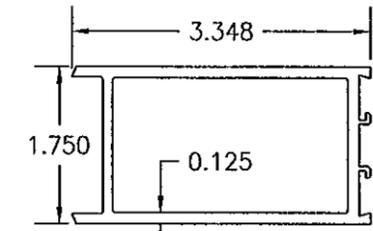
4C D300 CONTINUOUS HINGE STILE



4B D318 FIXED STILE

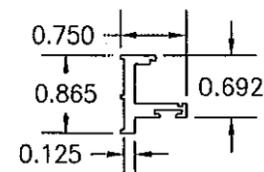


5A D300 INACTIVE LOCKING STILE

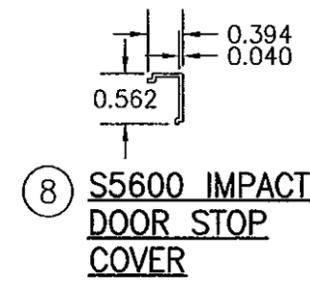


6A D300 ASTRAGAL/ACTIVE LOCKING STILE

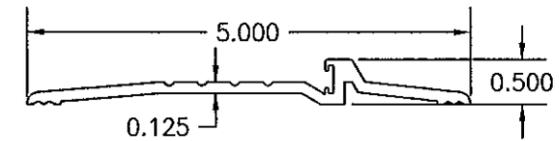
2B D318 TOP RAIL



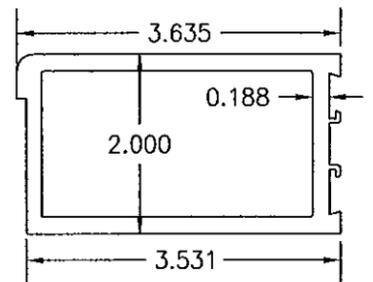
7 S5600 HORIZ. IMPACT DOOR STOP



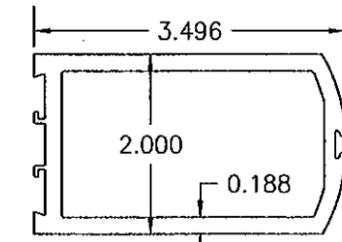
8 S5600 IMPACT DOOR STOP COVER



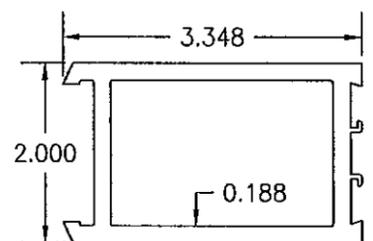
9 THRESHOLD



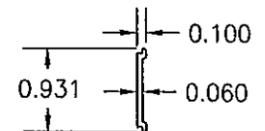
4D D318 CONTINUOUS HINGE STILE



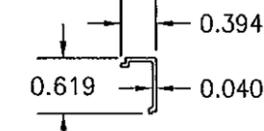
5B D318 INACTIVE LOCKING STILE



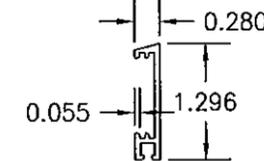
6B D318 ACTIVE LOCK STILE



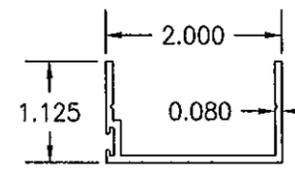
10 DOOR SWEEP COVER



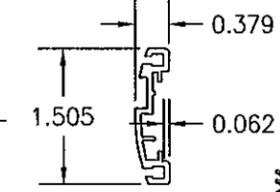
11 DOOR STOP COVER



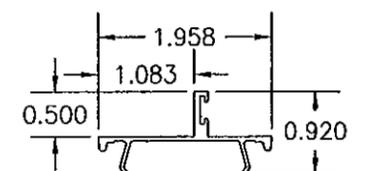
12 DOOR SWEEP



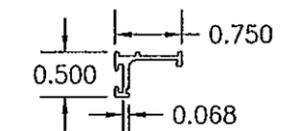
13 C.O.C. SLIDE ARM COVER



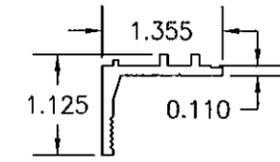
14 ADJUSTABLE ASTRAGAL



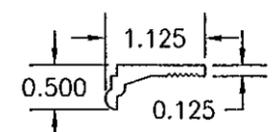
16 SNAP-IN DOOR STOP



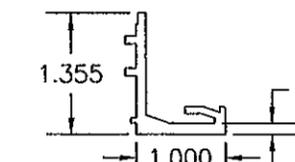
17 APPLIED DOOR STOP



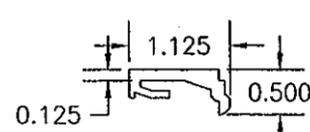
20 FIXED IMPACT STOP-1" GLAZING



21 REMOVABLE IMPACT GLASS STOP-1" GLAZING

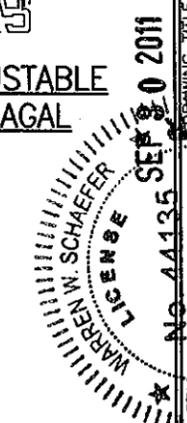


22 FIXED IMPACT GLASS STOP-1" GLAZING



23 REMOVABLE IMPACT GLASS STOP

PRODUCT REVISED as complying with the Florida Building Code Amendment No. 11-1606-08 Registration Date APR 10, 2012



DRAWN BY: T.J.W.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 05/20/08	
NO.	REVISION DESCRIPTION	BY	DATE
D300/318 OUTSWING LARGE MISSILE IMPACT DOOR			
MANUFACTURER		EFCO CORPORATION	
		1000 COUNTY ROAD, P.O. BOX 609	
		MONETT, MO 65708-0609	
		800-221-4169	
CONSULTANTS		W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
		7480 150TH COURT NORTH, 33418	
		PALM BEACH GARDENS, FL	
		PHONE: 561-744-3424	
DRAWING TITLE		D300/318 OUTSWING LARGE MISSILE IMPACT DOOR	
DRAWING NO.		1184	
REV.		B	
SHEET NO.		7 OF 8	

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1A	3659	S5600 IMPACT DOOR HEADER	EFCO; 6063-T6 ALUMINUM
1B	EZ07	1 3/4" X 4 1/2" C.O.C. DOOR HEADER	EFCO; 6063-T6 ALUMINUM
1C	8844	S5600 5/8" DOOR HEADER FOR 1" C.W. GLZ.	EFCO; 6063-T6 ALUMINUM
1D	5596	S5800 HEADER 6" SYS. DEPTH-1" GLZ.	EFCO; 6063-T6 ALUMINUM
2A	9030	D300 TOP RAIL	EFCO; 6063-T6 ALUMINUM
2B	9034	D318 TOP RAIL	EFCO; 6063-T6 ALUMINUM
3A	9031	D300 BOTTOM RAIL	EFCO; 6063-T6 ALUMINUM
3B	9035	D318 BOTTOM RAIL	EFCO; 6063-T6 ALUMINUM
4A	9002	D300 HINGE/PIVOT/LOCK STILE	EFCO; 6063-T6 ALUMINUM
4B	9013	D318 FIXED STILE	EFCO; 6063-T6 ALUMINUM
4C	8449	D300 CONTINUOUS HINGE STILE	EFCO; 6063-T6 ALUMINUM
4D	8451	D318 CONTINUOUS HINGE STILE	EFCO; 6063-T6 ALUMINUM
5A	9010	D300 INACTIVE LOCKING STILE	EFCO; 6063-T6 ALUMINUM
5B	9014	D318 INACTIVE LOCKING STILE	EFCO; 6063-T6 ALUMINUM
6A	9009	D300 ASTRAGAL/ACTIVE LOCKING STILE	EFCO; 6063-T6 ALUMINUM
6B	9015	D318 ACTIVE LOCKING STILE	EFCO; 6063-T6 ALUMINUM
7	3677	S5600 HORIZONTAL IMPACT DOOR STOP	EFCO; 6063-T6 ALUMINUM
8	3678	S5600 HORIZ./VERTICAL IMPACT DOOR STOP COVER	EFCO; 6063-T6 ALUMINUM
9	8924	D300 THRESHOLD	EFCO; 6063-T6 ALUMINUM
10	9961	DOOR SWEEP COVER	EFCO; 6063-T6 ALUMINUM
11	9155	DOOR STOP COVER	EFCO; 6063-T6 ALUMINUM
12	9960	DOOR SWEEP	EFCO; 6063-T6 ALUMINUM
13	9914	C.O.C. SLIDE ARM COVER	EFCO; 6063-T6 ALUMINUM
14	9403	ADJUSTABLE ASTRAGAL	EFCO; 6063-T6 ALUMINUM
16	9257	HORIZONTAL/VERTICAL SNAP-IN DOOR STOP	EFCO; 6063-T6 ALUMINUM
17	9154	HORIZONTAL/VERTICAL APPLIED DOOR STOP	EFCO; 6063-T6 ALUMINUM
20	4417	HORIZ./VERT. FIXED GLASS STOP (1" GLZ.)	EFCO; 6063-T6 ALUMINUM
21	4418	HORIZ./VERT. REMOVABLE GLASS STOP (1" GLZ.)	EFCO; 6063-T6 ALUMINUM
22	9826	HORIZ./VERT. FIXED GLASS STOP (9/16" GLZ.)	EFCO; 6063-T6 ALUMINUM
23	9827	HORIZ./VERT. REMOVABLE GLASS STOP (9/16" GLZ.)	EFCO; 6063-T6 ALUMINUM
24	M109	#12-24 X 3/8" PL-FH-MS 18-8	ALLOY FASTENER; 6 PER SILL STRIKE INTO THRESHOLD
25	M100/M108	#12-24 X 3/4" PL-FH-MS 18-8	ALLOY FASTENER; 2 PER STILE SHIM & 4 PER BUTT HINGE LEAF
26	S108	8-15 X 1 3/4" PL-PH SMS	PRO FAS (3 PER CORNER)
27	S105/S106	8-15 X 1 1/2" PL-FH-SMS 18-8 A	PRO FAS; 6" FROM CORNER & 1 AT MIDPOINT FOR SINGLE DOORS; 6" FROM CORNERS & 15" MAX. O.C. FOR PAIR DOORS
28	SPZ4	8-15 X 1" PL-PH-SMS 18-8 AB	PRO FAS; 6" FROM CORNER & 1 AT MIDPOINT FOR SINGLE DOORS; 6" FROM CORNERS & 15" MAX. O.C. FOR PAIR DOORS
29	S118/S119	#8-32 X 5/8" PL-PH-MS 18-8 TYPE F	ALLOY FASTENER; 2" FROM CORNERS & MAX. 13" O.C.
30	S110	12-24 X 1/2" PL-FH-SMS 18-8 F	PRO FAS; 2 EACH END OF HEAD JAMB
31	STT6	#8-18 X 9/16" PL-PH-ZK TEK/2	ALLOY FASTENER; 3" FROM CORNERS & MAX. 9" O.C.
32	-	#12-24 X 3/4" FH TEK/3 CONT. GEAR HINGE TO STILE & JAMB	SELECT; 6 @ TOP & BOT OF HINGE (3 ROWS OF 2) AND ONE STAGGERED MAX. 5" O.C. IN BETWEEN
33	-	1/4-20 X 5/8" FH	5 PER HINGE
34	-	1/4-20 X 1/2" FH	5 PER HINGE
35	IHP5	1/4-20 X 1" HX-MS 18-8	2 PER PANEL CORNER WELD BLOCK
36	M100/M108	#12-24 X 3/4" PL-FH-MS 18-8	ALLOY FASTENER; 6 PER HEAD STRIKE
37	M130	#10-32 X 5/8" PL-FH-MS 18-8	ALLOY FASTENER; 2 PER LOCK CASING

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
SEALS & SEALANTS			
38	WM77	1/4"X3/8" POLYETHYLENE GLAZING TAPE	NORTON T-BOND II V2200
39	WM80	3/16"X1/2" POLYETHYLENE GLAZING TAPE	NORTON T-BOND II V2200
40	W138	DOOR STOP BULB WEATHERING	E.P.G., INC; E.P.D.M. CONTINUOUS AROUND FRAME & SILL
41	W113	DOOR SWEEP WEATHERING BLADE	E.P.G., INC. E.P.D.M. CONTINUOUS AT SILL
42	W153/W154	DOOR ASTRAGAL PILE WEATHERING SKIRTING SEAL	SCHLEGEL 510 SERIES
HARDWARE			
45	H110	MS1853-310 1 1/8" B.S. DEADBOLT LOCK	ADAMS RITE
46	H107	22-0282 X 22-0757 ARM PACKAGE	ADAMS RITE
47	K383	48" TOP ROD EXT. FOR MS1850 LOCK @ 8' DOORS	EFCO
49	K384	36" TOP ROD EXT. FOR MS1850 LOCK @ 7' DOORS	EFCO
51	H148/H149	FB-1202-S FLUSHBOLT	INTERNATIONAL
52	H150	FR-1200-RM STEEL FLUSH BOLT	INTERNATIONAL
53	K385	12" BOTTOM ROD EXTENSION FOR MS1850 LOCK	EFCO
54	H135/H137	1 5/32" DIA. K.A. MORTISE CYL.	INTERNATIONAL
55	H900/H901	RCBB1191 4 1/2" X 4" BUTT HINGES	HAGER
56	HQ44/HQ47	SL-12HD CONTINUOUS GEAR HINGE	SELECT
57	H892/H893	EF62 AND EF63 TOP PIVOT	INTERNATIONAL
58	H895/H897	DO64 AND DO65 RH BOTTOM PIVOT	INTERNATIONAL
59	H657/H659	IP-2202-AL RH INTERMEDIATE PIVOT	INTERNATIONAL
60	H410/H411	180 MORTISE OFFSET TOP PIVOT	RIXSON
61	H241/H243	LH M19 INTERMEDIATE PIVOT	RIXSON
62	H413/H415	LH 195 BOTTOM PIVOT	RIXSON
64	F420	ADJUSTABLE ASTRAGAL SPRING	EFCO
65	F528	BUTT HINGE REINFORCING	EFCO
66	FS05	THRESHOLD BOLT STRIKE @ PAIR DOORS	EFCO
67	FS01	FABRICATED BOLT GUIDE	EFCO
68	H553/H554	1490 CONCEALED VERT. ROD EXIT DEVICE	DOR-O-MATIC
69	K105	2" WELD BLOCK BACKER (6063-T6 ALUMINUM)	EFCO (1 PER TOP & 2 PER BOTTOM RAIL CORNER)
70	K103	2" WELD BLOCK (6063-T6 ALUMINUM)	EFCO (1 PER TOP & 2 PER BOTTOM RAIL CORNER)
71	FS04	HEADER BOLT STRIKE	EFCO

**OPTIONAL NON-STRUCTURAL HARDWARE:**

**CLOSERS**

DORMA 650 A.D.A. ACCEPTABLE SURFACE CLOSERS  
 SURFACE APPLIED CLOSERS FROM OTHER MANUFACTURER  
 NOTE: OTHER CLOSERS MUST SUPPORT A DOOR WEIGHT OF 175  
 LBS. (BASED ON 42" X 96" NOMINAL DOOR SIZE.)

**OPERATING**

EFCO STANDARD EXTRUDED PUSH/PULLS  
 EFCO EXTRUDED OFFSET PANIC PULL  
 CHMI ULTRALINE WIRE PUSH/PULLS

**PRODUCT REVISED**

as complying with the Florida  
 Building Code

Assistance No. 11-1006-08  
 Expiration Date APR 15 2013

*Shoaib Khan*  
 Product Control

SEP 30 2011



DRAWN BY: T.J.W.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 05/20/08
DATE	BY
REVISION DESCRIPTION	NO.
<b>D300/318 OUTSWING LARGE MISSILE IMPACT DOOR</b> MANUFACTURER <b>EFCO CORPORATION</b> 1000 COUNTY ROAD; P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE	DRAWING NO. <b>1184</b> SHEET NO. <b>8</b> OF <b>8</b>
REV.	<b>B</b>