



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

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

**Black Mountain Door, LLC  
310 Flint Drive,  
MT. Sterling, KY. 40353**

**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: Firedoor Series "S-6070" Outswing Opaque Steel Door**

**APPROVAL DOCUMENT:** Drawing No. **W05-07 Rev G** titled "Firedoor series S-6070F" Out-Swing STL. ENT. DR.", sheet 1 through 6 of 6, dated 02-07-05 and last revised on MAR 22, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 Resistant**

**Limitation:**

1. Frame Jambs and header are to be grout filled.

**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", 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 # **09-0923.10** (Former **FireDoor by Amweld International, LLC**) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



7/12/12

**NOA No 12-0323.06**  
**Expiration Date: July 28, 2015**  
**Approval Date: July 19, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (transferred from file # **09-0923.10**)
2. Drawing No. **W05-07 Rev G** titled "Firedoor series S-6070F" Out-Swing STL. ENT. DR.", sheet 1 through 6 of 6, prepared by Al-Farooq Corporation, dated 04-05-04 and last revised on MAR 22, 2012 signed and sealed by Javad Ahmad, P.E.

Note: This revision consists of FBC 2010 notes & company name change only.

**B. TESTS (transferred from file # **09-0923.10/ # 05-1129.03**)**

1. Test reports on
  - 1) Air Infiltration Test, per FBC TAS 202-94
  - 2) Uniform Static Air Pressure Test Loading per FBCTAS 202-94
  - 3) Water Resistance Test, per FBC TAS 202-94
  - 4) Forced Entry Resistance Test, per FBC TAS 202-94
  - 5) Large Missile Impact Test, FBC TAS 201-94
  - 6) Cyclic Loading Test, per FBC TAS 203-94

Along with installation diagram of single outswing steel doors marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 4338 (FTL04156)**, dated 10/25/04, signed and sealed by Edmundo Largaespada, P.E.

**C. CALCULATIONS**

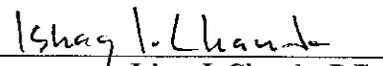
1. Anchor verification dated June 24, 2009 and last revised on Feb 03, 2010, prepared by Al-Farooq Corporation, complying w/ FBC 2007, signed and sealed by Javad Ahmad, P.E.(submitted under file # **09-0923.10**).

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Tensile test report prepared by Fenestration Testing Laboratories Inc., report No. FTL04156 (4585), dated June 08, 2005 for Steel samples, tested per ASTM E-A370-97-a, signed and sealed by Edmundo Largaespada, P.E.
2. Notice of Acceptance No. **11-0926.07** issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/17.

  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0323.06  
Expiration Date: July 28, 2015  
Approval Date: July 19, 2012

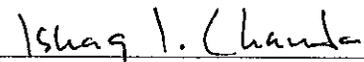
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

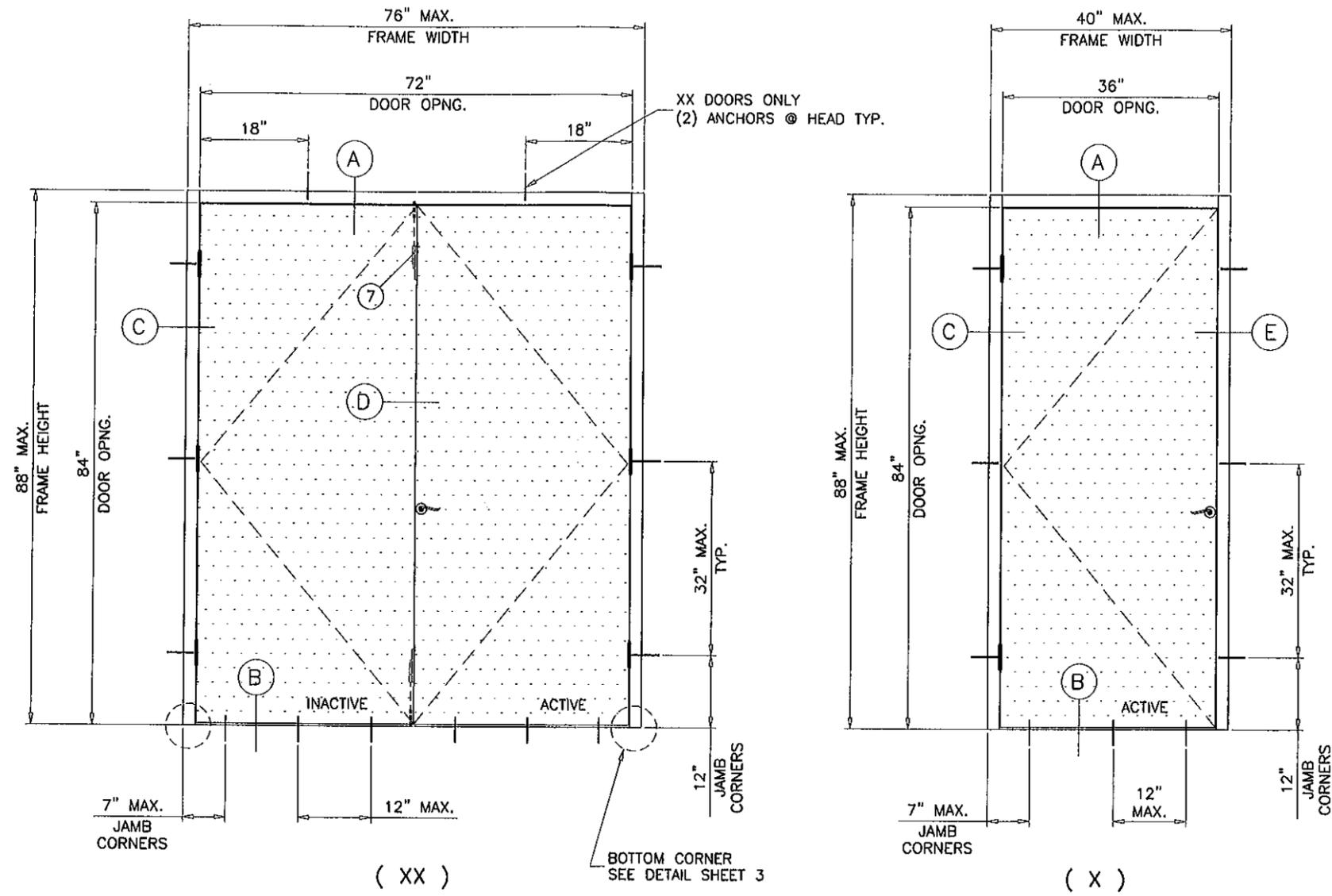
1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/14/12, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of compliance, as part of above referenced test report, issued by Fenestration testing laboratory.
3. Official "Black Mountain Door" press release dated June 21, 2012 stating acquiring the assets, technology, "FireDoor"™ brand and intellectual properties of Amweld International.
4. Statement letter dated May 08, 2012 stating acquiring all the assets of Amweld international, issued by Black Mountain door, signed by Jason W. Lisewski, V.P. Black Mountain Door.
5. Statement letter dated January 26, 2012 issued by Amweld International, LLC of notification of the assets of Amweld International was purchased by American Doors, LLC DBA Black Mountain Door, Mt. Sterling, KY, signed by David Earnshaw, trustee for Amweld International.
6. Copy of certificate of formation of "American Doors, LLC" issued by State of Delaware dated 10-11-11, signed by Jeffery W. Bullock, Secretary of State.
7. Copy of certificate of Amendment of "American Doors, LLC" changing name to "Black Mountain Door, LLC", issued by State of Delaware dated 06-20-12, signed by Jeffery W. Bullock, Secretary of State.

**G. OTHER**

1. This NOA revises NOA # 09-0923.10(Former FireDoor by Amweld International, LLC), expiring on July 28, 2015.
2. Test proposal by Al-Farooq Corp, approved by BCCO dated 06/20/2003.
3. E-mail response dated July 10 & 11, 2012 & documents from Mr. J. Lisewski, V.P. Black Mountain Door.



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0323.06  
Expiration Date: July 28, 2015  
Approval Date: July 19, 2012



TYPICAL ELEVATIONS

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF  
 (FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF  
 AS LIMITED BY CODE

**PRODUCT REVISED**  
 in compliance with the Florida  
 Building Code  
 Acceptance No. 12-0325-06  
 Expiration Date: July 28, 2015  
 [Signature]  
 Product Control

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
 SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 [Signature]  
 MAR 2 2 2012

**FIREDOOR SERIES-6070F**  
**OUT-SWING COMMERCIAL STEEL ENTRANCE DOOR**  
 DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION  
 RESISTANCE IS REQUIRED.  
 SEE SHEET 5 FOR VARIOUS FRAME SIZE OPTIONS.  
 FRAME JAMB TRIM (WIDTH) = 1-1/4" TO 2"  
 FRAME JAMB DEPTH = 5-3/4" TO 8-3/4"  
 FRAME HEAD TRIM (WIDTH) = 1-1/4" TO 4"

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
 REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY  
 HURRICANE ZONE (HVHZ).  
 ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
 EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.  
 ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE  
 NOT PART OF THIS APPROVAL.  
 MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
 COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
 REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

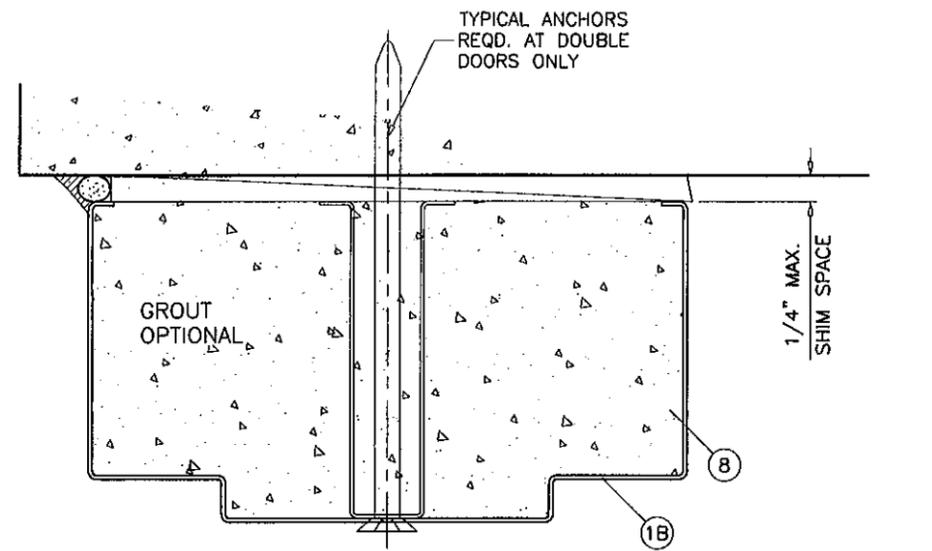
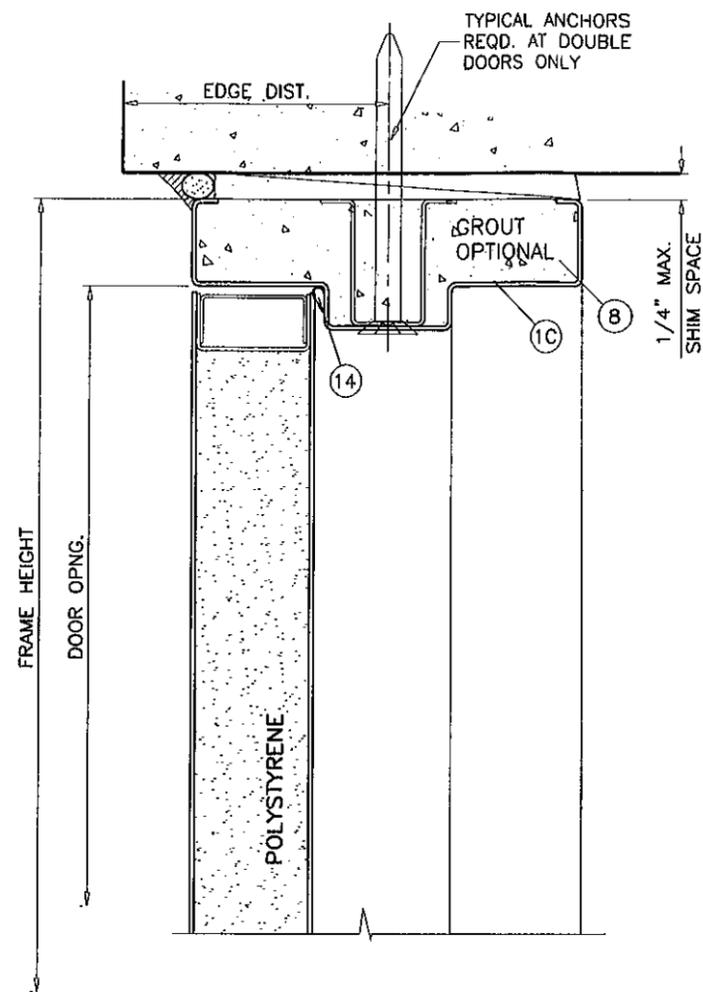
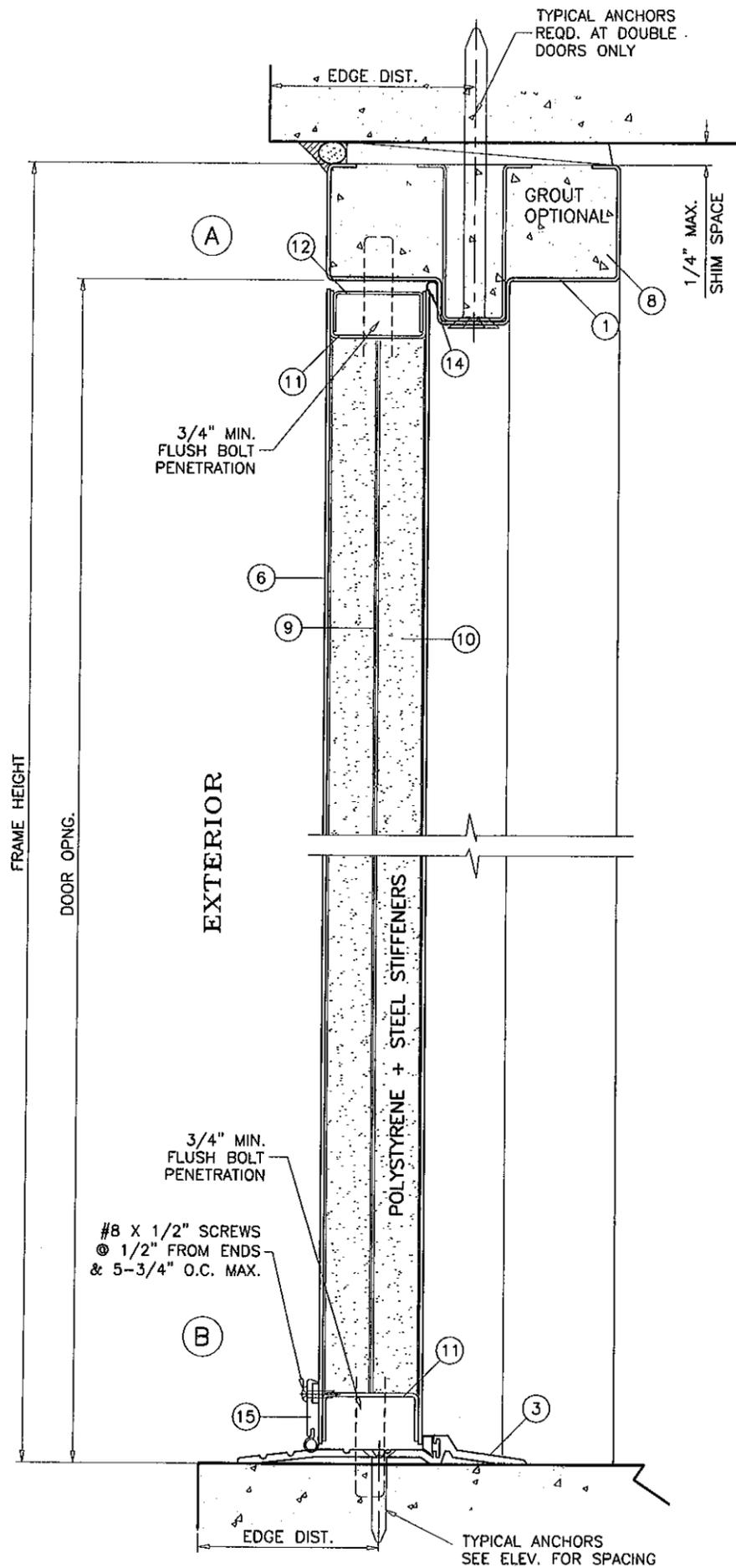
**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978  
 COMP-ANL\W05-07AIL

FIREDOOR S-6070F OUT-SWING COMMERCIAL ST. ENT. DR.  
**BLACK MOUNTAIN DOOR, LLC.**  
 310 FLINT DRIVE  
 MT. STERLING, KY 40353  
 TEL (855) 370-4580 FAX (859) 762-0852

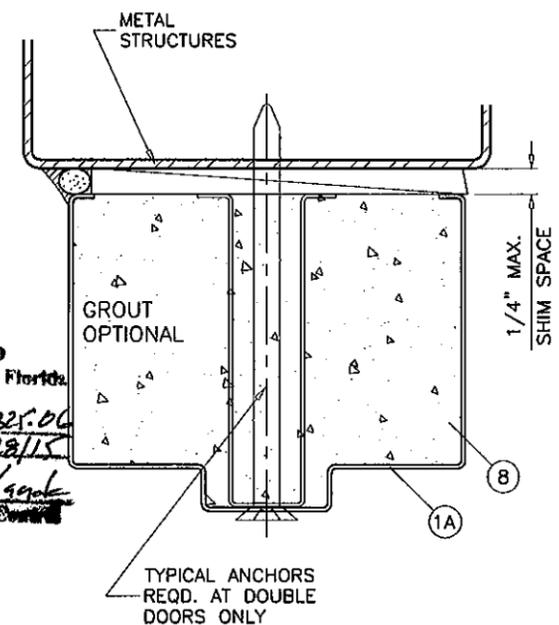
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E	10.20.09	NO CHANGE THIS SHEET	
F	01.07.10	REV. PER BCCO COMMENTS	
G	03.15.12	UPDATED TO 2010 FBC	

date: 02-07-05  
 scale: 1/2" = 1'-0"  
 dr. by: H-AMID  
 chk. by:

drawing no.  
**W05-07**  
 sheet 1 of 6



PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 12-0325-06  
 Expiration Date 7/28/15  
*Shahid Chaudhry*  
 Project Manager



METAL STRUCTURES NOT BY BLACK MOUNTAIN DOOR  
 MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND  
 TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS (THRU PIPE OR HAT):** SEE ELEV. FOR SPACING

**3/8" DIA. CARBON STEEL SLEEVE ANCHOR 'HILTI'**  
 DIRECTLY INTO CONC. OR MASONRY  
 1-5/8" MIN. EMBED INTO CONC. OR MASONRY  
 3" MIN. EDGE DISTANCE

**3/8" DIA. SMS OR MACHINE BOLTS** (GRADE 2 CRS)  
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
 STEEL :  $F_y = 36$  KSI MIN.  
 ALUMINUM : 6063-T5 MIN.  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL ANCHORS @ THRESHOLD:**

**1/4" DIA. ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)  
 DIRECTLY INTO CONCRETE  
 WITH 1-1/4" MIN. EMBED INTO CONC.  
 2-1/2" MIN. EDGE DISTANCE

CONCRETE  $f'_c = 3000$  PSI MIN.  
 C-90 FILLED MASONRY BLOCK  $f'_m = 2000$  PSI MIN.

**SEALANT:**

ALL JOINTS AND CORNERS SEALED WITH SILICONE.

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
  
 MAR 29 2012

**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978  
 COMP-ANL\W05-07AIL

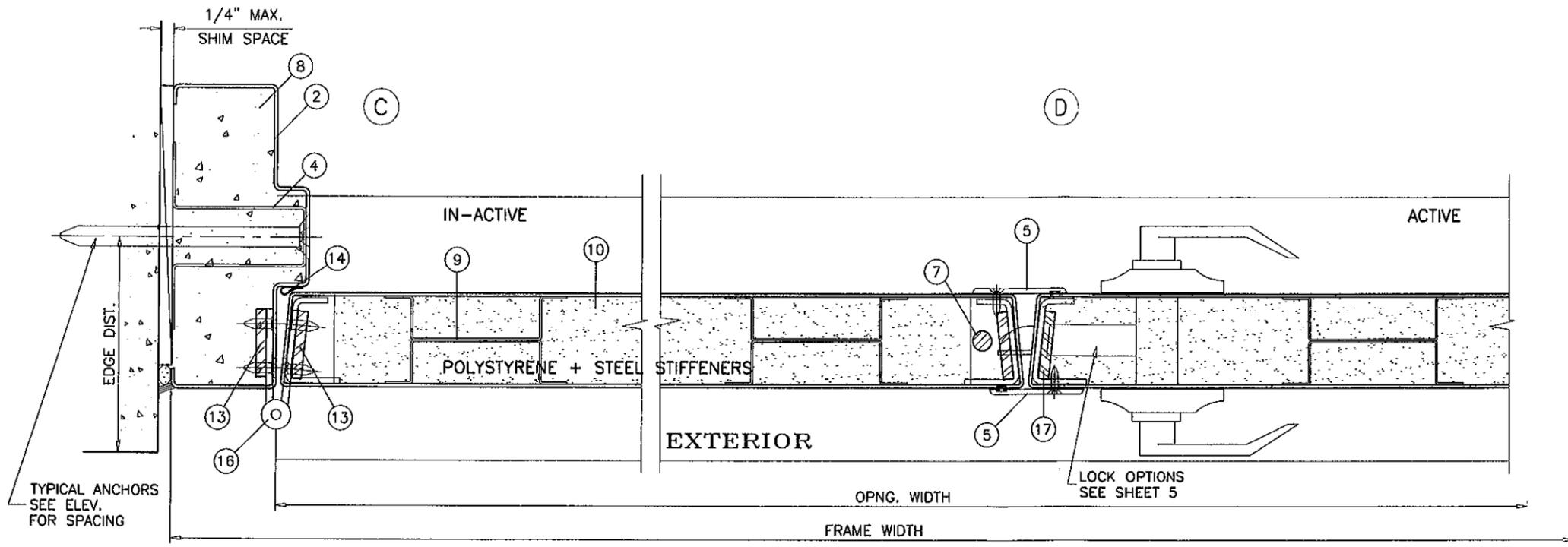
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**BLACK MOUNTAIN DOOR, LLC.**  
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 chk. by:

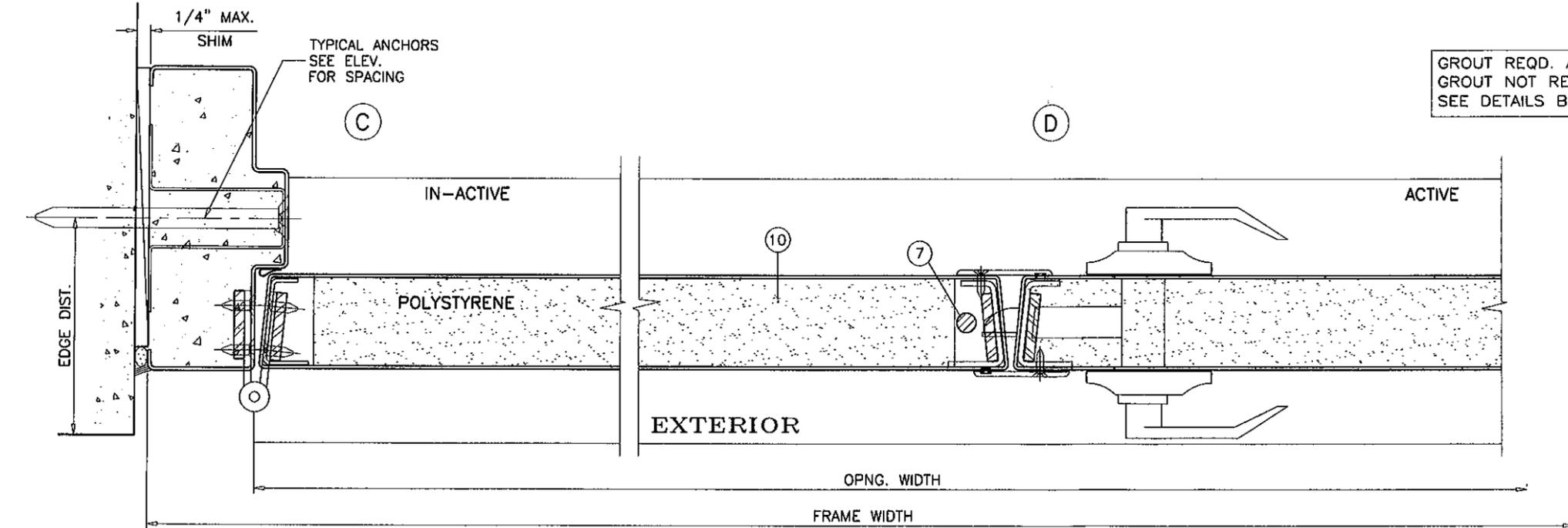
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**W05-07**

sheet 2 of 6



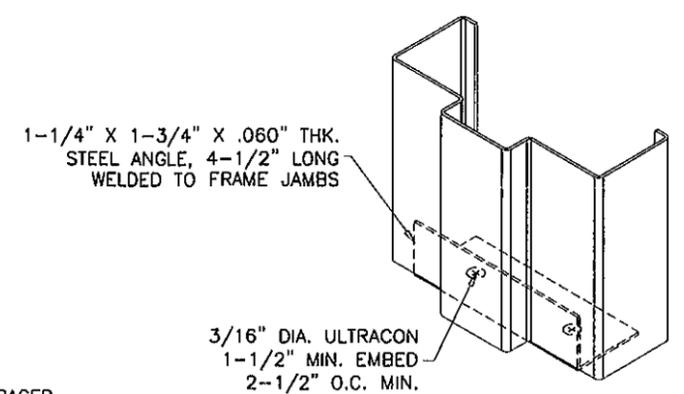
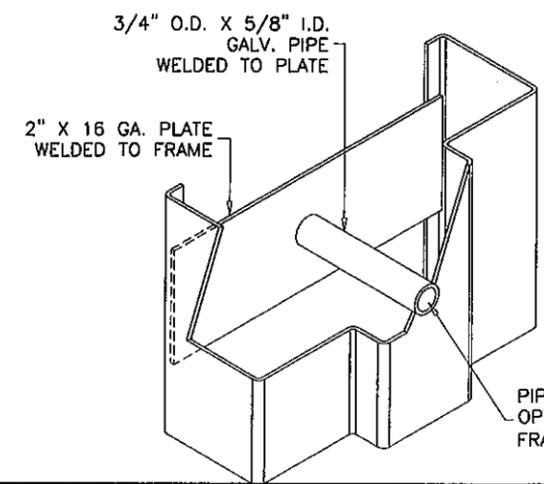
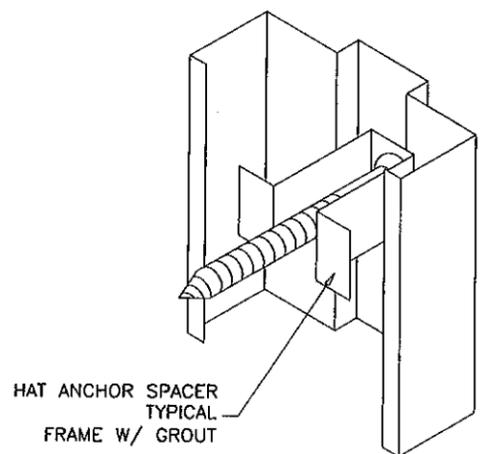
TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

LOCK OPTIONS  
SEE SHEET 5



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

GROUT REQD. AT HEAD/JAMBS WITH HAT ANCHOR SPACER  
GROUT NOT REQD. AT JAMBS WITH PIPE ANCHORS  
SEE DETAILS BELOW



BOTTOM CORNER ANCHORS DETAIL

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

MAR 28 2012

**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
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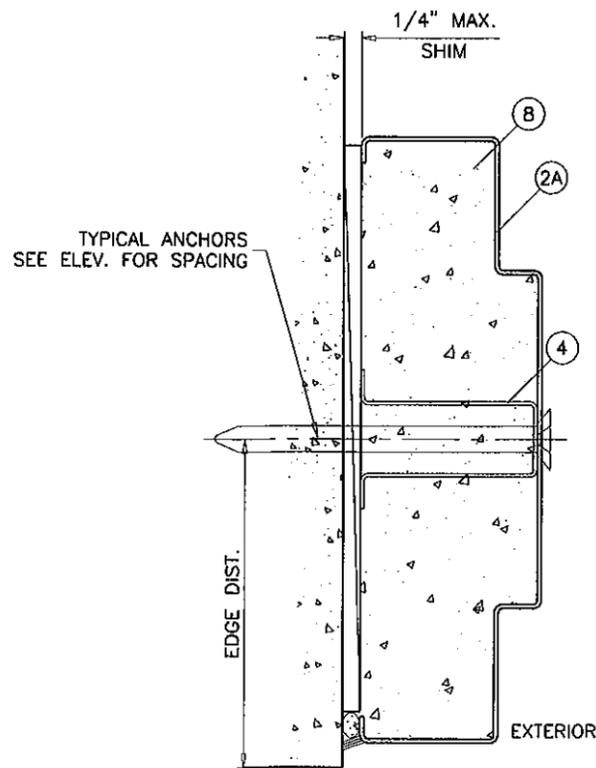
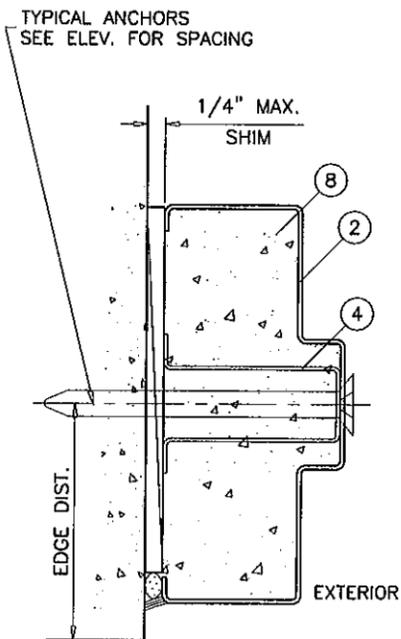
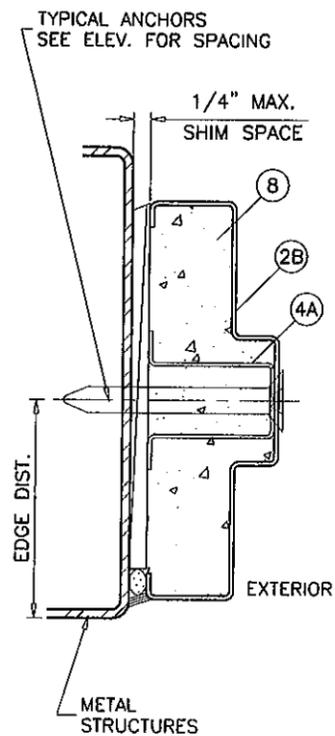
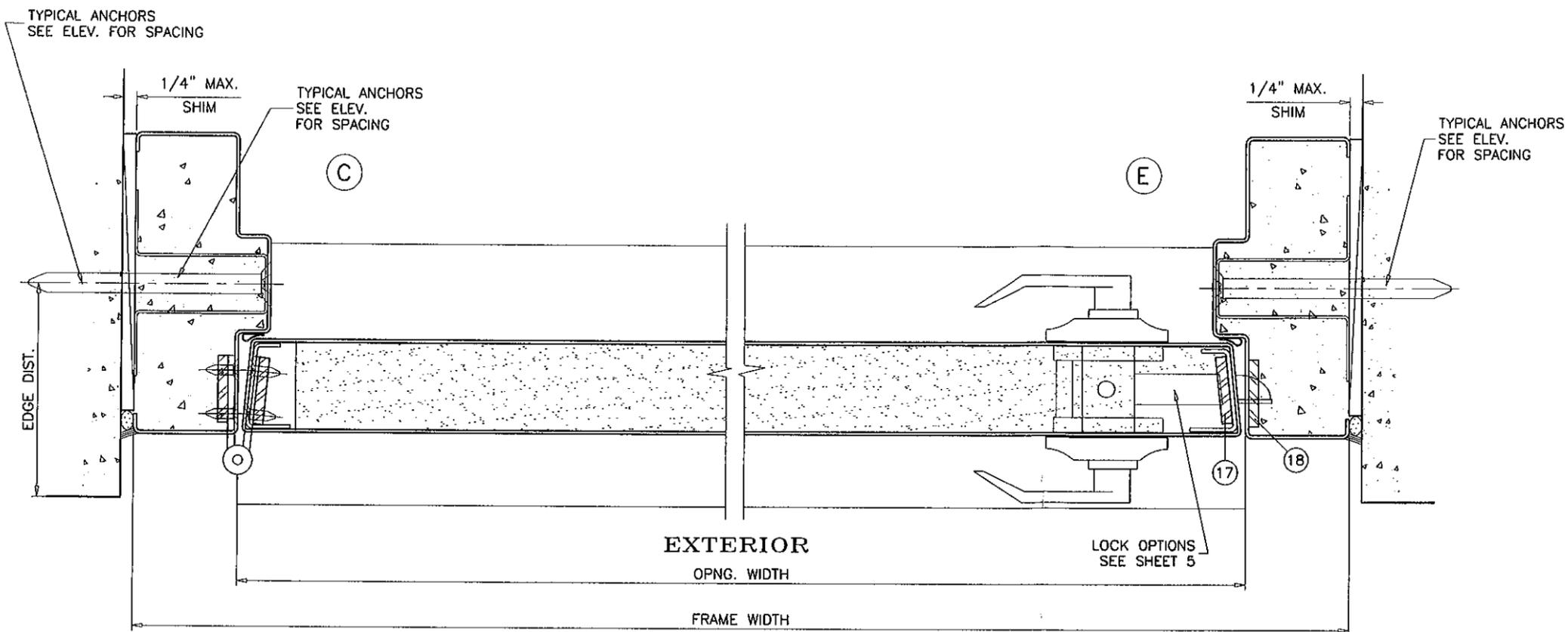
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**BLACK MOUNTAIN DOOR, LLC.**  
310 FLINT DRIVE  
MT. STERLING, KY 40353  
TEL. (855) 370-4580 FAX. (859) 762-0852

no	date	by	description
D	05.26.09		UPDATED FOR 2007 FBC
E	10.20.09		NO CHANGE THIS SHEET
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G	03.15.12		UPDATED TO 2010 FBC

date: 02-07-05  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W05-07**  
sheet 3 of 6

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0723.06  
Expiration Date 7/28/15  
By Ishaq I. Chaudhry  
Miami Door Product Control



**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 17-032306  
 Expiration Date 7/28/15  
 By Ishag J. Chande  
 Miami Door Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 MAR 23 2012

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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dr. by:	HAMID
chk. by:	

drawing no.	W05-07
sheet	4 of 6

**HINGES:**

STEEL MORTISE HINGE 1279  
 AT 7-1/4" TO 9-3/4" FROM TOP TO CL OF HINGE  
 AT 7-1/4" TO 12-5/8" FROM BOTTOM TO CL OF HINGE  
 (1) CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE

**LOCK OPTIONS:**

**ACTIVE LEAF:**

**OPTION #1:**

'SCHLAGE' AL SERIES CYLINDRICAL LOCK  
 AT 38" TO 40-3/8" FROM BOTTOM.  
 4-7/8" LONG ST. STEEL STRIKE PLATE AT 38" TO 40-3/8"  
 FROM BOTTOM.

**OPTION #2:**

'CORBIN RUSSWIN' CL3900 SERIES CYLINDRICAL LOCK  
 AT 38" TO 40-3/8" FROM BOTTOM.  
 4-7/8" LONG ST. STEEL STRIKE PLATE AT 38" TO 40-3/8"  
 FROM BOTTOM.

**OPTION #3:**

'YALE' 5300LN SERIES CYLINDRICAL LOCK  
 AT 38" TO 40-3/8" FROM BOTTOM.  
 4-7/8" LONG ST. STEEL STRIKE PLATE AT 38" TO 40-3/8"  
 FROM BOTTOM.

**INACTIVE LEAF**

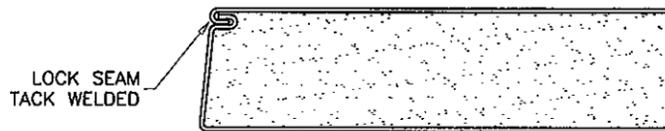
ROCKWOOD 555 FLUSH BOLTS MOUNTED 12" FROM EACH END OF  
 DOOR TO CENTERLINE  
 4-7/8" X 1-1/4" X 1/16" ASA STRIKE

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE  
 ENGAGED DURING PERIODS OF HURRICANE WARNING.

**DOOR EDGE CONSTRUCTION OPTIONS:**

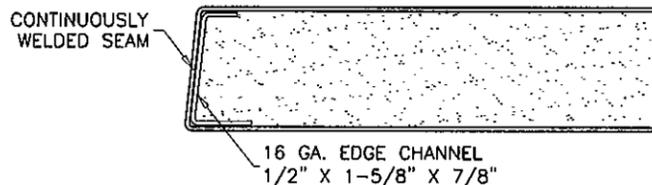
**OPTION #1:**

LOCK SEAM EDGE CONSTRUCTION



**OPTION #1:**

BUTT SEAM EDGE CONSTRUCTION



ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD (5-3/4" X 2")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
1A	-	AS REQD.	FRAME HEAD (5-3/4" X 4")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
1B	-	AS REQD.	FRAME HEAD (8-3/4" X 4")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
1C	-	AS REQD.	FRAME HEAD (5-3/4" X 1-1/4")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
2	-	AS REQD.	FRAME JAMB (5-3/4" X 2")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
2A	-	AS REQD.	FRAME JAMB (8-3/4" X 2")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
2B	-	AS REQD.	FRAME JAMB (5-3/4" X 1-1/4")	STEEL	16 GA. (.058") MIN. Fy = 34.4 KSI
3	2005	1	THRESHOLD	ALUMINUM	PEMKO
4	-	AS REQD.	BOLT SPACER (2" FRAME)	STEEL	2" X 2-5/8" X 18 GA.
4A	-	AS REQD.	BOLT SPACER (1-1/4" FRAME)	STEEL	2" X 1-7/8" X 18 GA.
5	-	-	ASTRAGAL	-	1-1/4" X 12 GA.
6	-	-	DOOR	STEEL	18 GA. (.045") MIN. Fy = 38 KSI
7	-	2/ INACTIVE LEAF	SERIES 555 FLUSH BOLTS	STEEL	ROCKWOOD
8	-	OPTIONAL	FRAME GROUT	CONC.	3000 PSI MIN.
9	-	8/ LEAF	HAT STIFFENER IN PAIRS (4 ROWS VERTICAL)	STEEL	22 GA.
10	-	1	POLYSTYRENE CORE	-	'DYPLAST PRODUCTS LLC' W/ CURRENT NOA
11	-	1/ RAIL	TOP AND BOTTOM RAIL CHANNEL	STEEL	13/16 X 1-21/32 X 13/16 X 16 GA.
12	-	1/ RAIL	TOP RAIL CHANNEL	STEEL	11/16 X 1-1/2 X 11/16 X 18 GA.
13	-	2/ HINGE	HINGE REINFORCEMENT (FRAME/DOOR)	STEEL	1-1/4" X 10" X 3/16"
14	S88	1	HEAD/JAMB WEATHERSTRIP	VINYL	PEMKO
15	-	1/ LEAF	DOOR SWEEP	-	-
16	1279	3/ LEAF	MORTISE HINGES	STEEL	HAGER
17	-	2/ LOCK	LOCK REINFORCEMENT	-	1-1/4" X 2-3/4" X 12 GA.
18	-	1/ STRIKE	STRIKE REINFORCEMENT	-	1-3/8" X 6-1/2" X 16 GA.

**afC**  
**AL-FAROOQ CORPORATION**  
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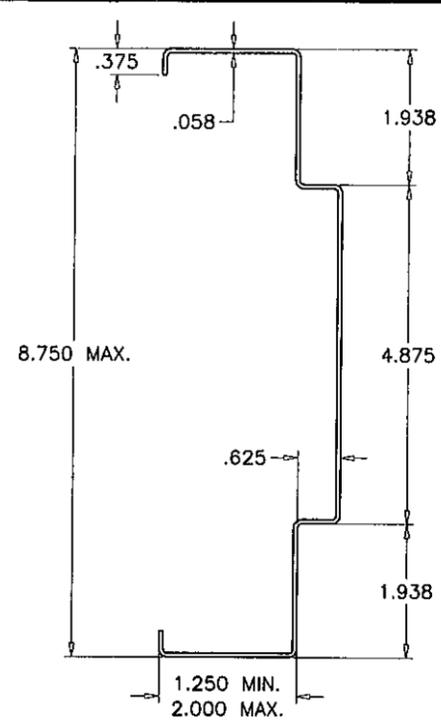
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revisions:	no	date	by	description
D	05.26.09			UPDATED FOR 2007 FBC
E	10.20.09			LOCK & HINGE LOCATIONS REV.
F	01.07.10			REV. PER BCCO COMMENTS
G	03.15.12			UPDATED TO 2010 FBC

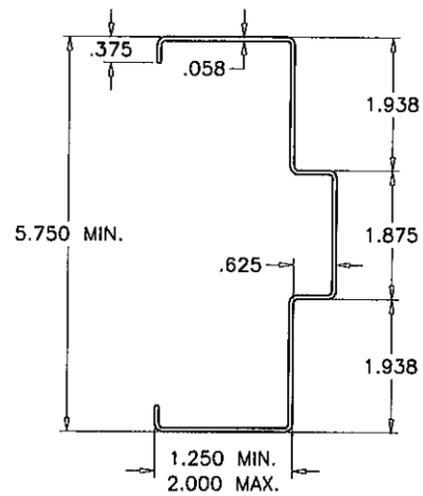
**PRODUCT REVISED**  
 in complying with the Florida  
 Building Code  
 Acceptance No. 12-0322.06  
 Expiration Date 7/29/15  
 Isheng J. Chandra  
 Chief Est. Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
  
 MAR 22 2012

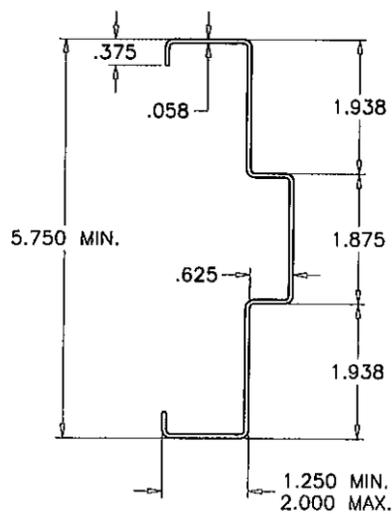
date: 02-07-05  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no.  
**W05-07**  
 sheet 5 of 6



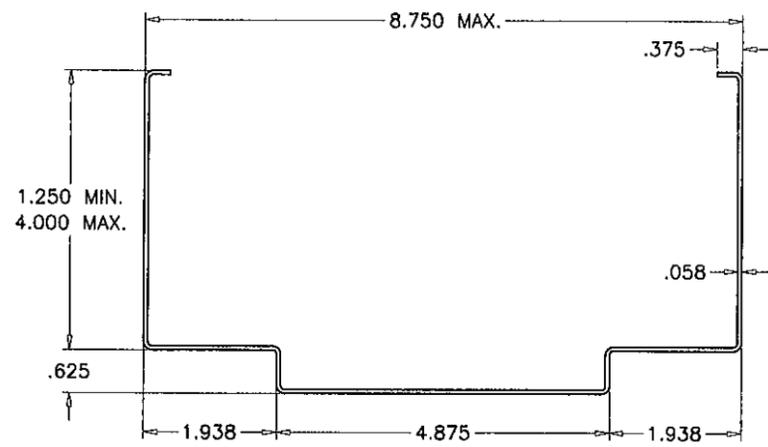
(2A) FRAME JAMB



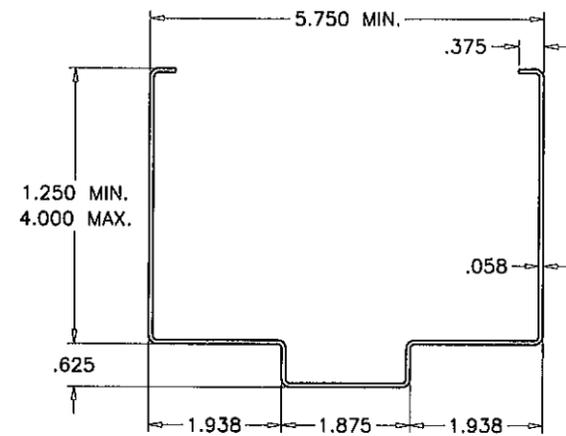
(1) (2) FRAME HEAD/JAMB



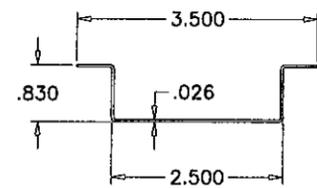
(1C) (2B) FRAME HEAD/JAMB



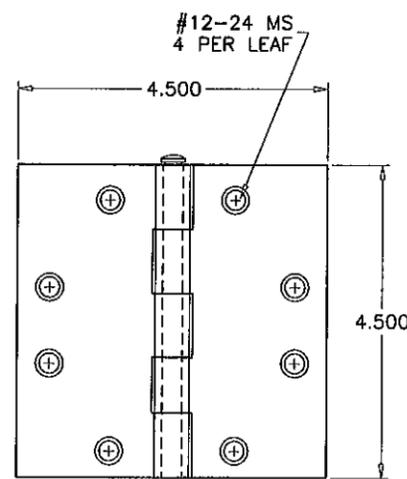
(1B) FRAME HEAD



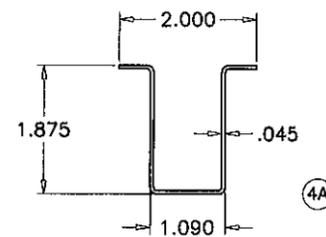
(1A) FRAME HEAD



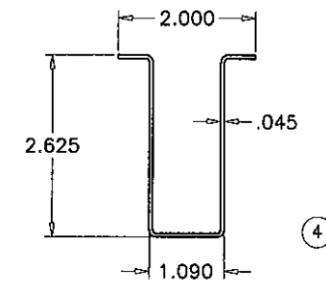
(9) HAT CHANNEL REINFORCING



(16) .134" THICK STEEL HINGE

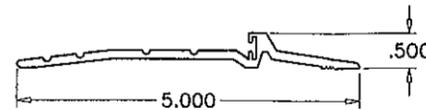


(4A)

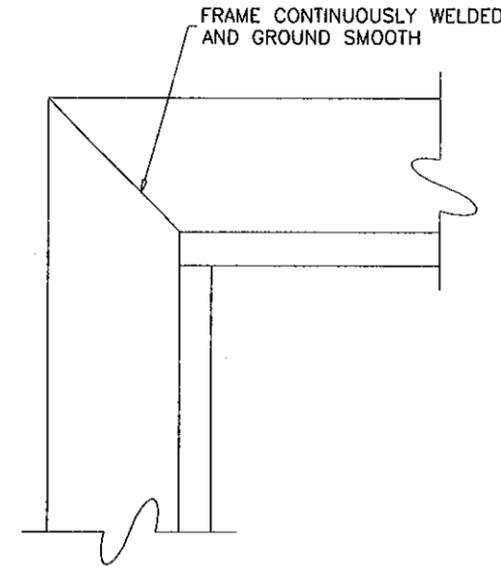


(4)

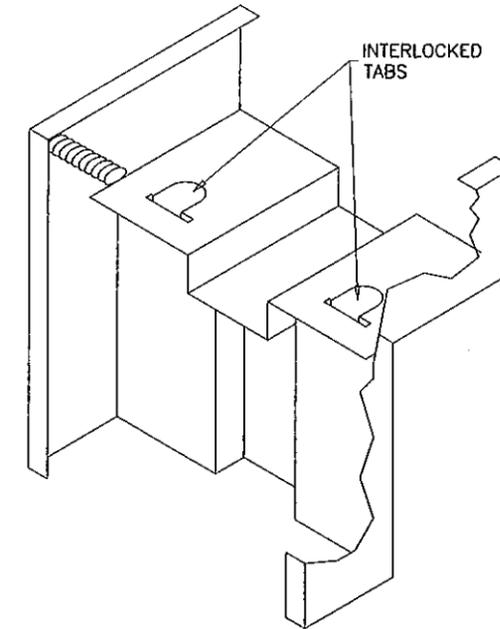
ANCHOR SPACER



(3) BUMPER THRESHOLD



FRAME CORNERS



**PRODUCT REVIEWED**  
 in compliance with the Florida  
 Building Code  
 Acceptance No. 12-0323-06  
 Expiration Date: July 28, 2015  
 Shah T. Ghose  
 (Professional Engineer)

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538

MAR 22 2012

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W05-07A1

FIREDOOR S-6070F OUT-SWING COMMERCIAL ST. ENT. DR.  
**BLACK MOUNTAIN DOOR, LLC.**  
 310 FLINT DRIVE  
 MT. STERLING, KY 40353  
 TEL. (855) 370-4580 FAX. (859) 762-0852

NO	DATE	BY	DESCRIPTION
D	05.26.09		UPDATED FOR 2007 FBC
E	10.20.09		NO CHANGE THIS SHEET
F	01.07.10		NO CHANGE THIS SHEET
G	03.15.12		UPDATED TO 2010 FBC

date: 02-07-05  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W05-07**

sheet 6 of 6