



**MIAMI-DADE COUNTY**  
**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](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**Firedoor, LLC**  
**1350 NW 74<sup>th</sup> Street**  
**Miami, FL 33147**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: "Series 6070F" Outswing Commercial Steel Entrance Door**

**APPROVAL DOCUMENT:** Drawing No. **W05-07** titled "S-6070F Out-Swing Commercial ST. Entrance Door" Sheets 1 through 6 of 6, prepared by AL-Farooq Corporation, dated 02/07/05 with revision "A" on 06/20/05, signed and sealed by Humayoun Farooq, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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

**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 consists of this page 1, Evidence sheet E-1, as well as, approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



**NOA No 05-0426.04**  
**Expiration Date: July 28, 2010**  
**Approval Date: July 28, 2005**  
**Page 1**

**FireDoor, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturers die drawings and sections.
2. Drawing No. **W05-07** titled "S-6070F Out-Swing Commercial ST. Entrance Door" Sheets 1 through 6 of 6, prepared by AL-Farooq Corporation, dated 02/07/05 with revisions on 06/20/05, signed and sealed by Humayoun Farooq, P. E.

**B. TESTS**

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) Water Resistant Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with installation diagram of single outswing steel doors marked-up by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4338**, dated 10/25/04, signed and sealed by Edmundo Largaespada, P.E.
2. Tensile Test prepared by Fenestration Laboratory, Test Reports No. **FTL-4584**, dated 06/08/05, tested per ASTM E8/A370 signed and sealed by Edmundo Largaespada, P.E.
3. Tensile Test prepared by Fenestration Laboratory, Test Reports No. **FTL-4585**, dated 03/28/05, tested per ASTM A370 signed and sealed by Edmundo Largaespada, P.E.

**C. CALCULATIONS**

1. Anchor calculations, ASTM-E1300, and comparative analysis, prepared by manufacture, dated 03/04/05, signed and sealed by Humayoun Farooq, P. E.

**D. QUALITY ASSURANCE BY:**

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

**E. MATERIAL CERTIFICATIONS**

1. Steel test report as mentioned in section B.

**F. STATEMENTS**

1. Statement Letter of conformance and letter of no financial interest, issued by AL-Farooq Corporation, dated March 04, 2005, signed by Humayoun Farooq, P. E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (Code).

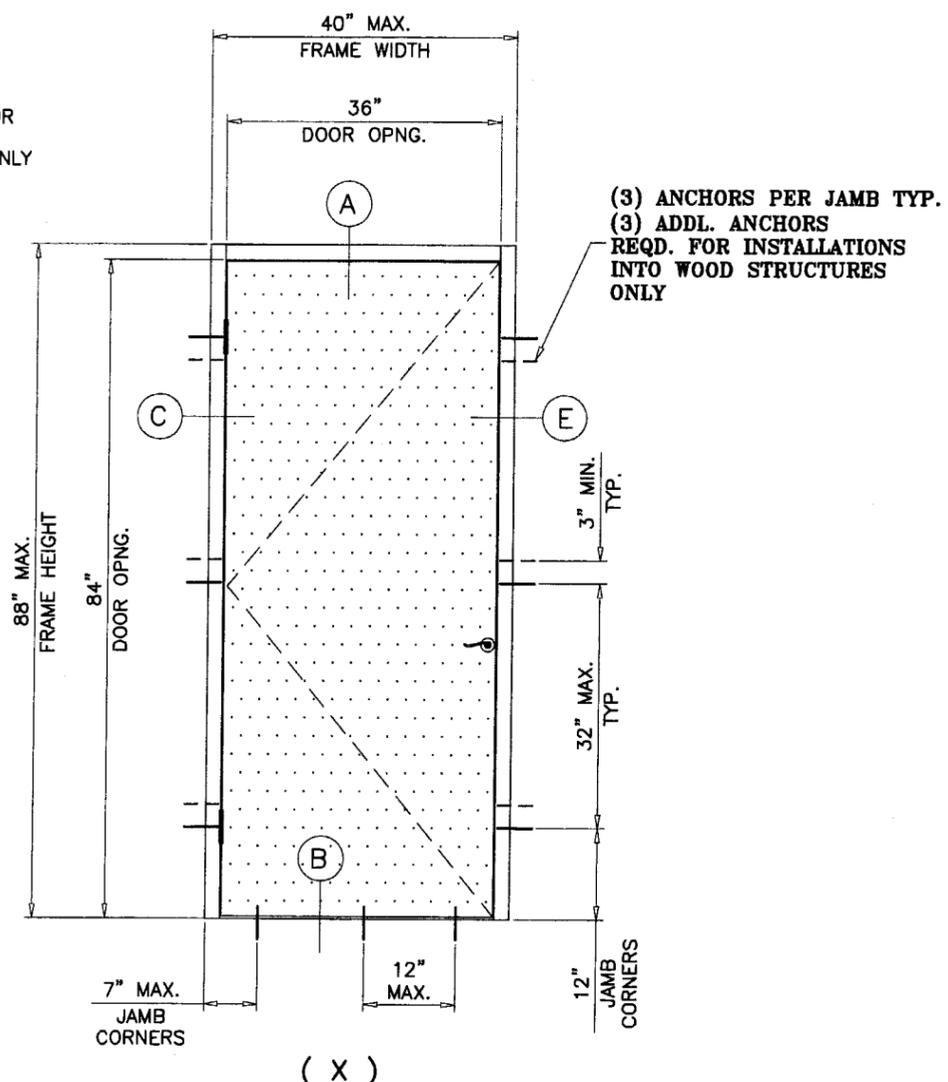
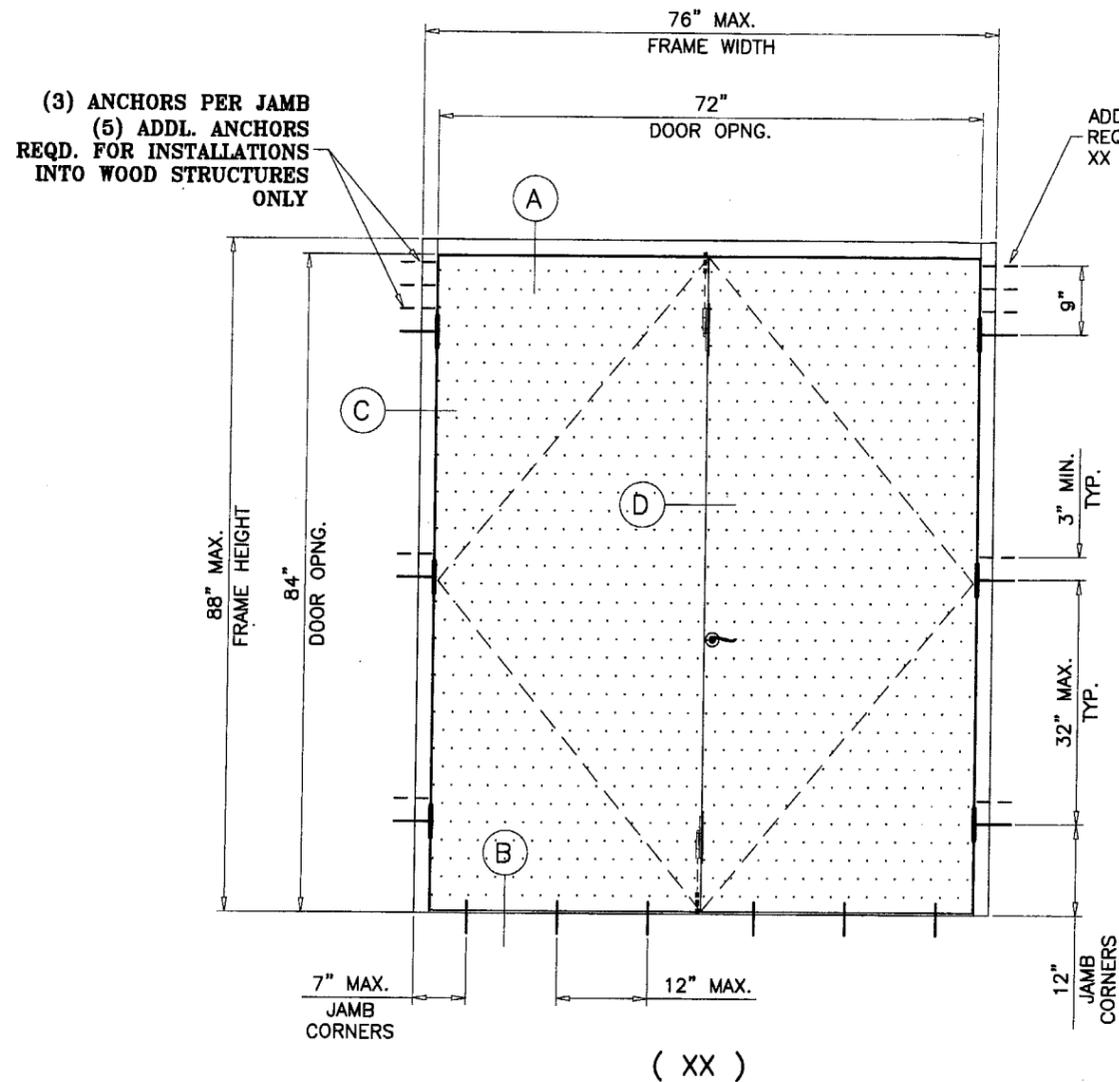


Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office

NOA No 05-0426.04

Expiration Date: July 28, 2010

Approval Date: July 28, 2005



**SERIES-6070F OUT-SWING COMMERCIAL STEEL ENTRANCE DOOR**

THIS PRODUCT RATED FOR LARGE MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

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.

WOOD BUCKS AND METAL STRUCTURES BY OTHERS, MUST BE ANCHORED  
PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.  
ANCHOR 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.

A 33% INCREASE IN ALLOWABLE STRESS WAS USED IN DESIGN OF ANCHORS.

**TYPICAL ELEVATIONS**

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

Approved as complying with  
Florida Building Code  
Date 07/28/05  
NOAA 05-0426-04  
Miami Dade Pr Control  
Division  
By *[Signature]*

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

JUN 29 2005

*afc*

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W05-07FDC

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**FIREDOOR, LLC**  
1350 N.W. 74TH STREET  
MIAMI, FL. 33147  
TEL.(305) 691-1500 FAX(305) 836-4797

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S-6070F OUT-SWING COMMERCIAL ST. ENTRANCE DOOR

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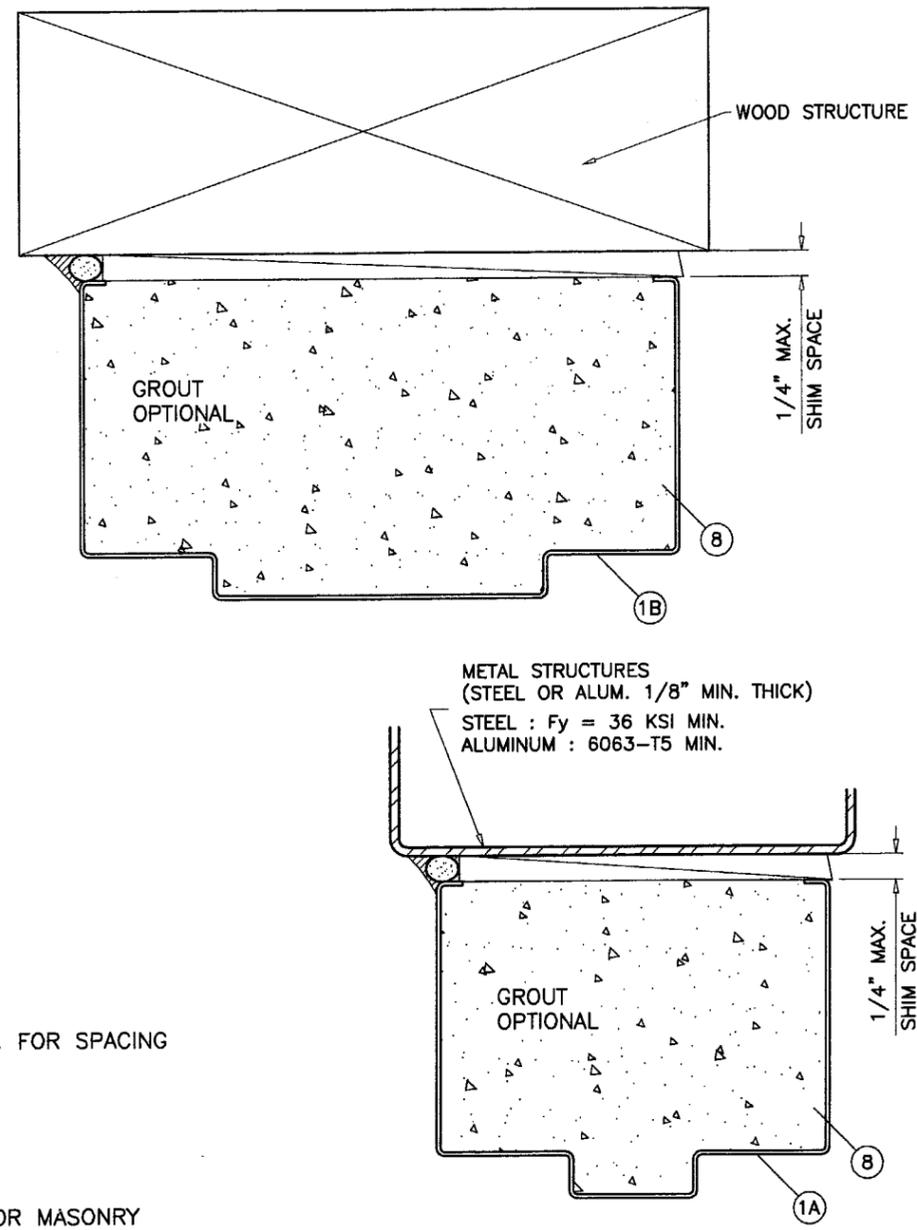
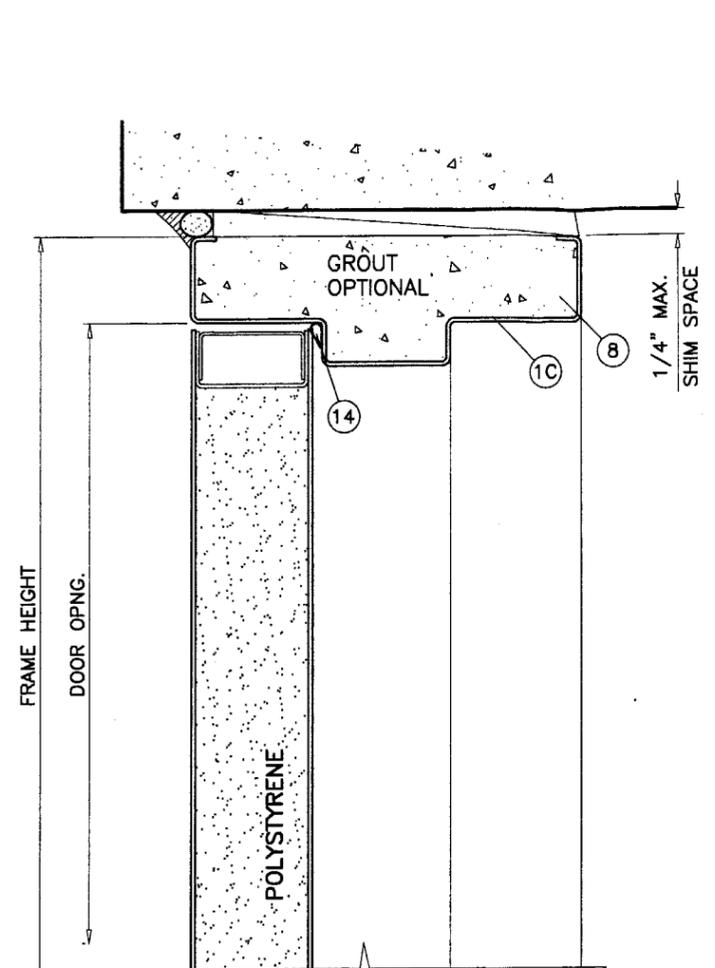
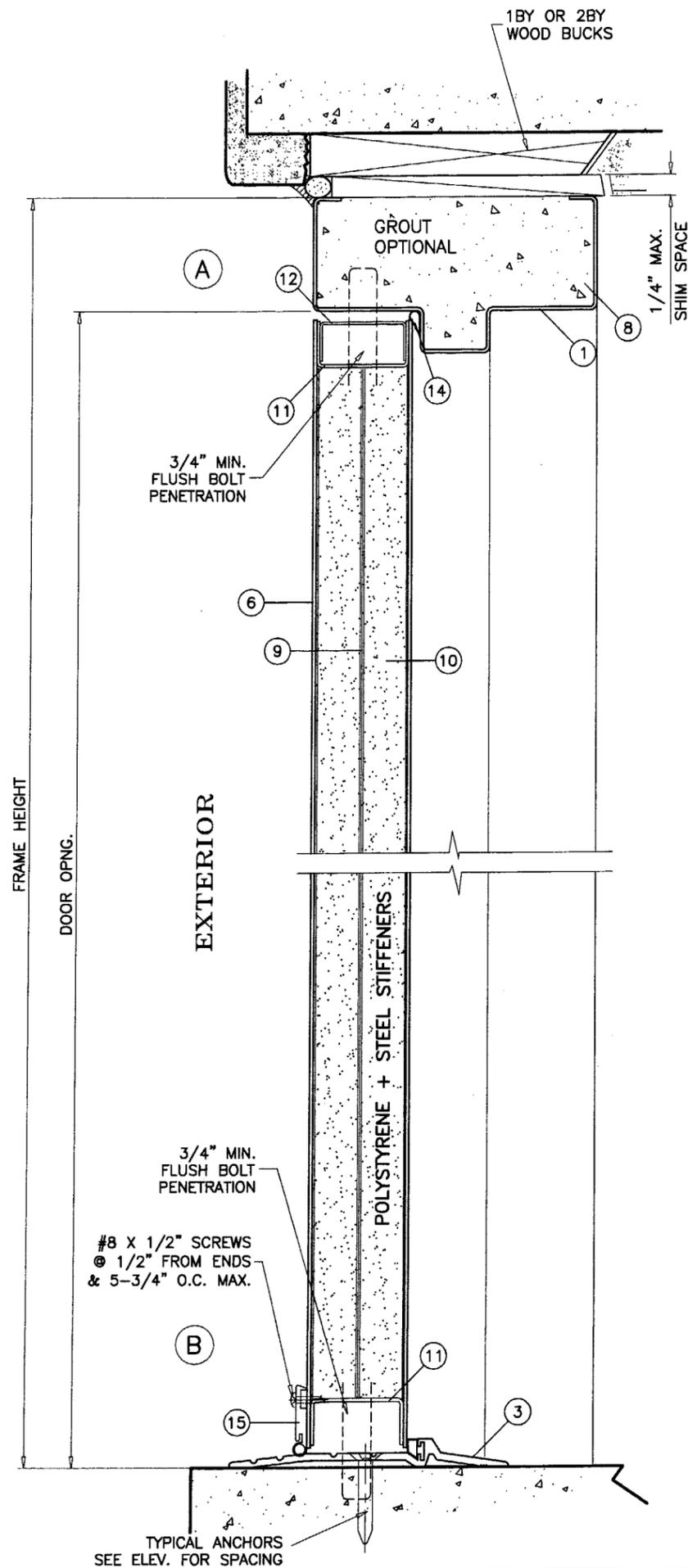
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drawing no.  
**W05-07**

sheet 1 of 6



**TYPICAL ANCHORS @ JAMB: SEE ELEV. FOR SPACING**

- 5/16" DIA. TAPCONS**  
 INTO WOOD STRUCTURES  
 2-1/2" MIN. PENETRATION INTO WOOD  
 1-1/2" MIN. EDGE DISTANCE  
 THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR MASONRY  
 1-3/4" MIN. EMBED INTO CONC. OR MASONRY  
 2-1/2" MIN. EDGE DISTANCE
- 3/8" DIA. SLEEVE ANCHOR HILT**  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 3" MIN. EDGE DISTANCE
- 3/8" DIA. KINGPIN SLEEVE ANCHOR**  
 DIRECTLY INTO 6000 PSI MIN. CONCRETE  
 4" MIN. EMBED INTO CONC.  
 2-1/4" MIN. EDGE DISTANCE
- 3/8" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS)**  
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
 STEEL : Fy = 36 KSI MIN.  
 ALUMINUM : 6063-T5 MIN.  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL ANCHORS @ THRESHOLD:**

- 3/16" DIA. TAPCONS**  
 DIRECTLY INTO MASONRY  
 WITH 1-1/2" MIN. EMBED INTO CONC.

WOOD BUCKS AND METAL STRUCTURES NOT BY FIREDOOR MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**SEALANT:**  
 ALL JOINTS AND CORNERS SEALED WITH SILICONE.

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538

*JUN 29 2005*

Approved as complying with the  
 Florida Building Code  
 Date: 07/29/05  
 NOA# 05-0426-04  
 Miami Dade Product Control  
 Division  
 By: *[Signature]*

**AL-FAROOQ CORPORATION**  
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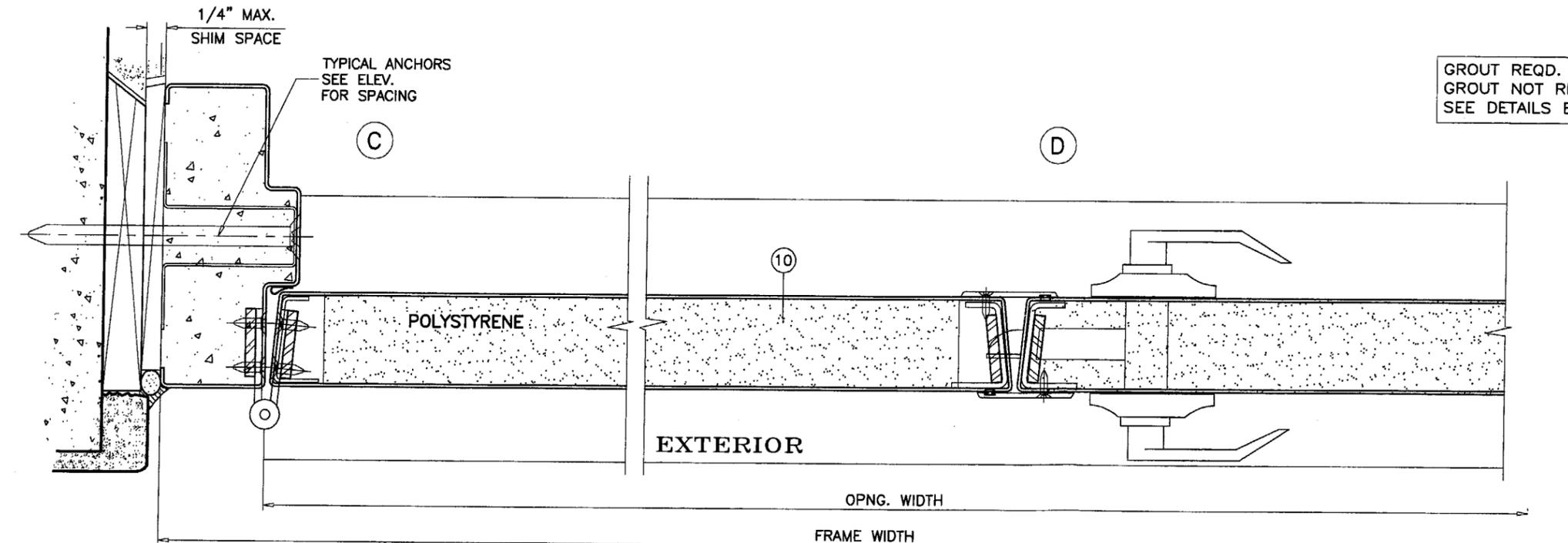
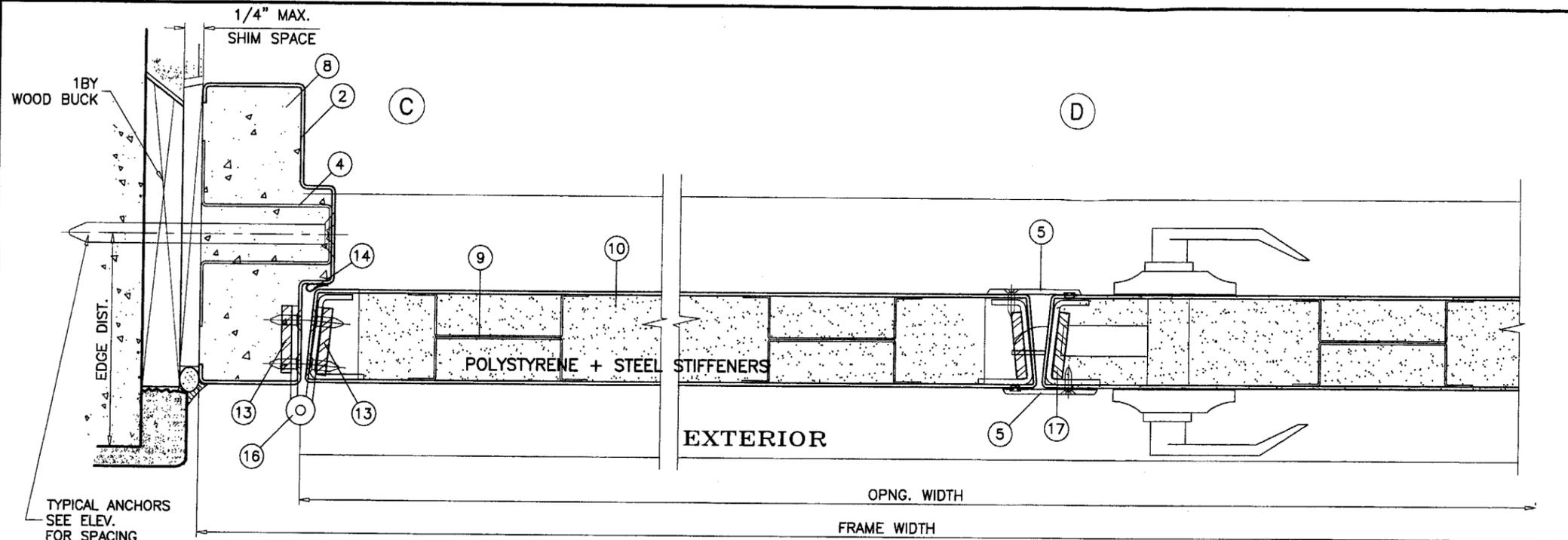
**FIREDOOR, LLC**  
 1350 N.W. 74TH STREET  
 MIAMI, FL. 33147  
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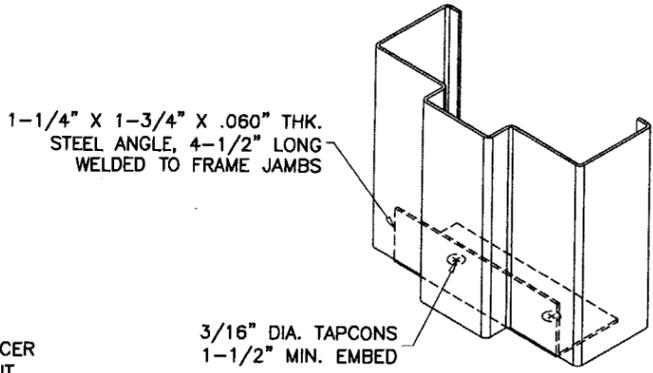
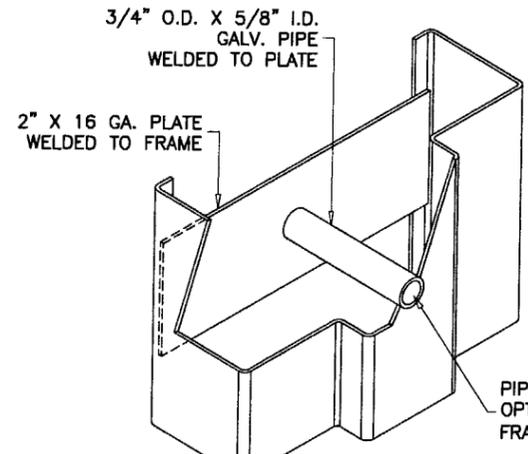
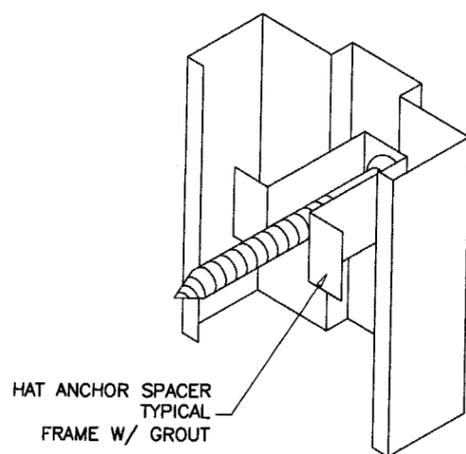
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 drawing no. **W05-07**  
 sheet 2 of 6

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COMP-ANL\W05-07FDC



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



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 NOA# 05-0926.04  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

Engr: DR. HUMAYOON FAROOQ  
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revisions:

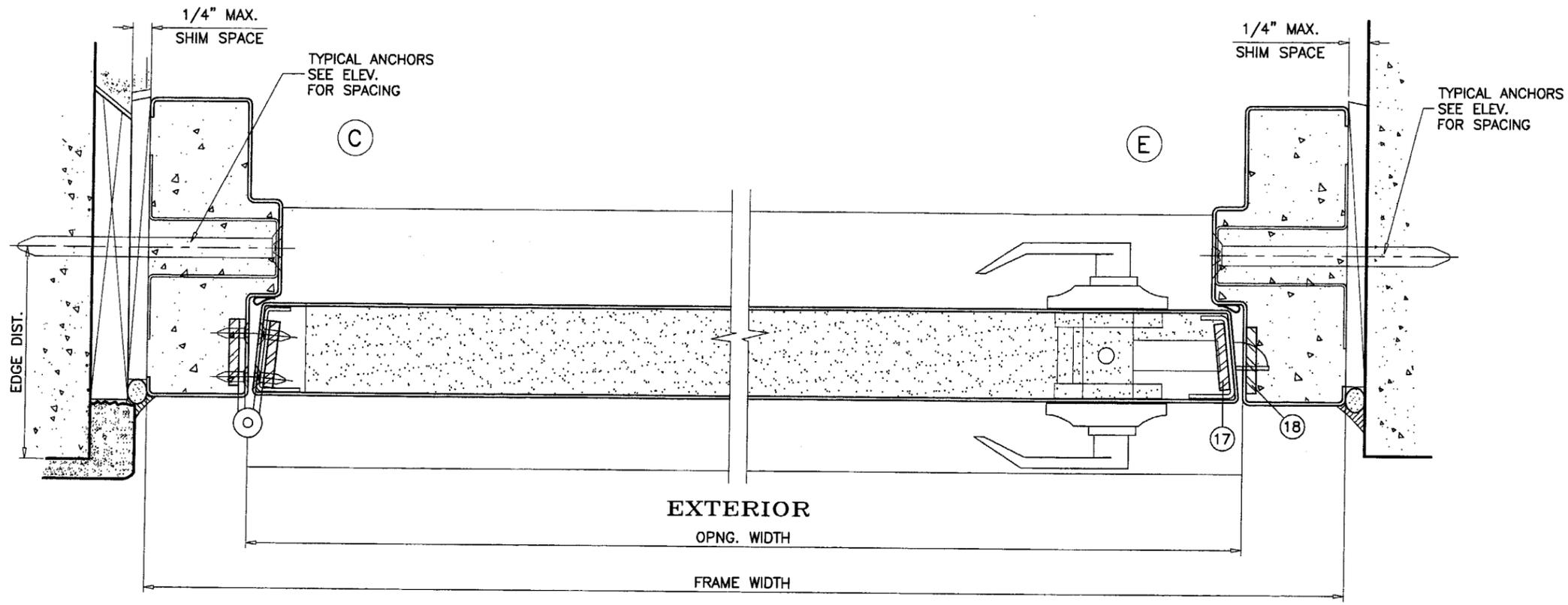
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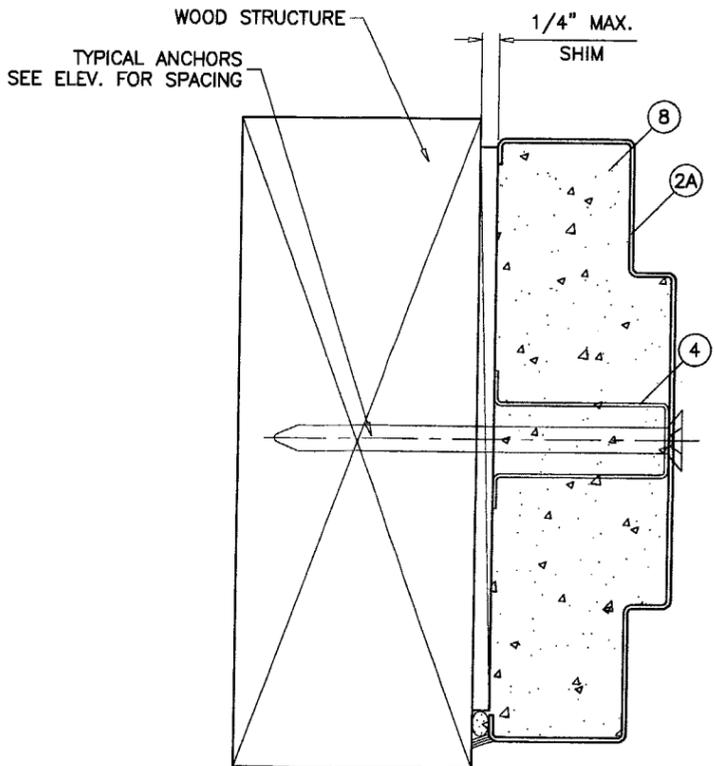
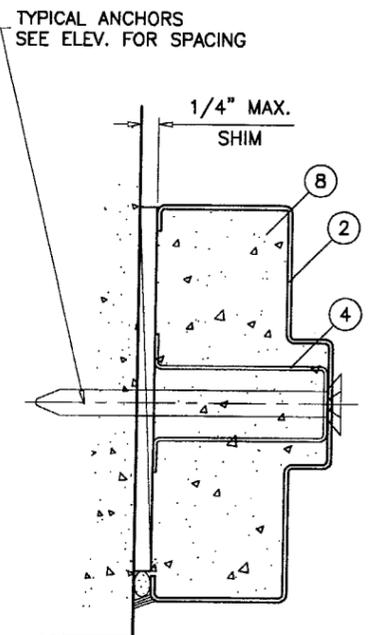
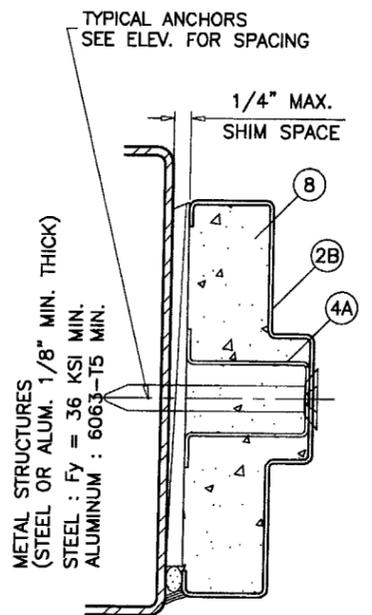
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**W05-07**  
 sheet 3 of 6



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EXTERIOR  
OPNG. WIDTH  
FRAME WIDTH



Approved as complying with the  
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Date 07/28/05  
NOA# 03-047609  
Miami Dade Product Control  
Division  
By: [Signature]

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
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C.A.N. 3538  
JUN 29 2005

**AL-FAROOQ CORPORATION**  
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revisions:	
no	date by description
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drawing no. <b>W05-07</b>			
sheet 4 of 6			

COMP-ANL\W05-07FDC

**HINGES:**

STEEL MORTISE HINGE 1279  
 AT 7-1/4" FROM TOP TO CL OF HINGE  
 AT 12-1/4" FROM BOTTOM TO CL OF HINGE  
 CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE

**LOCK OPTIONS:**

**ACTIVE LEAF:**

**OPTION #1:**

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

**OPTION #2:**

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

**OPTION #3:**

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

**INACTIVE LEAF**

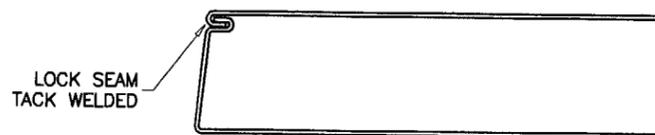
ROCKWOOD 555 FLUSHBOLTS MOUNTED 12" FROM EACH END OF  
 DOOR TO CENTERLINE  
 4-7/8" X 1-1/4" X 1/16" ASA STRIKE

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

**DOOR EDGE CONSTRUCTION OPTIONS:**

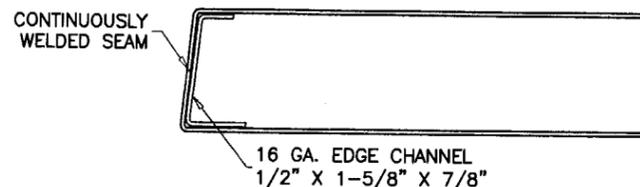
**OPTION #1:**

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	-	-	-	-	-
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	-	APACHE
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.

Approved as complying with the  
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 Division  
 By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ  
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JUN 29 2005

**afc**

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 COMP-ANL\W05-07FDC

S-6070F OUT-SWING COMMERCIAL ST. ENTRANCE DOOR

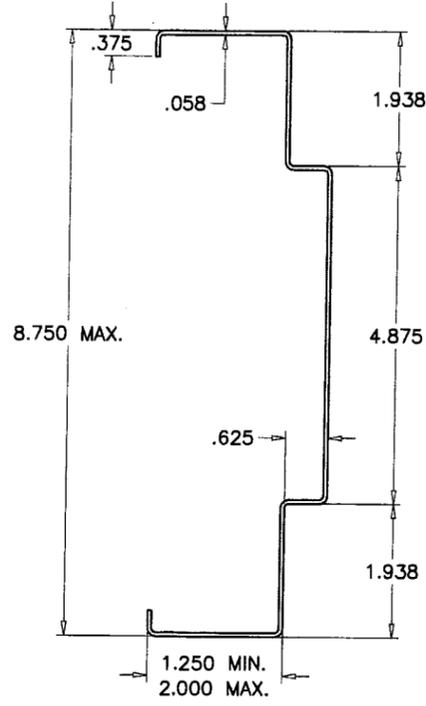
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revisions:	no	date	by	description	MIN. Fy REV.
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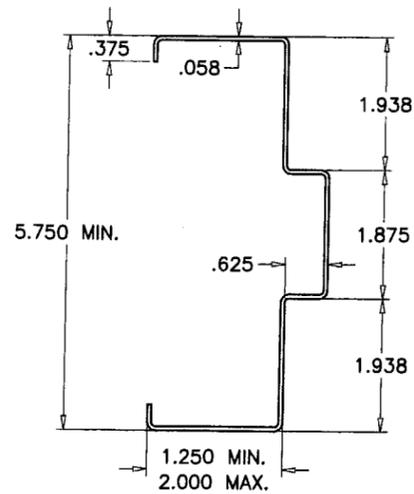
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drawing no.  
**W05-07**

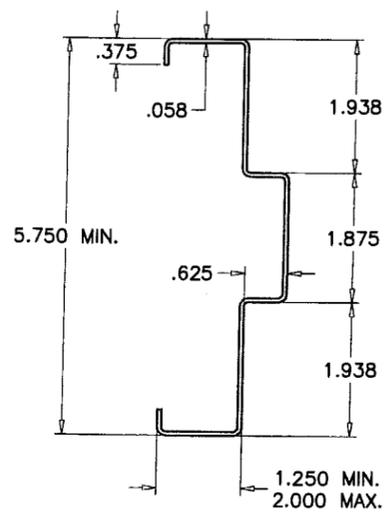
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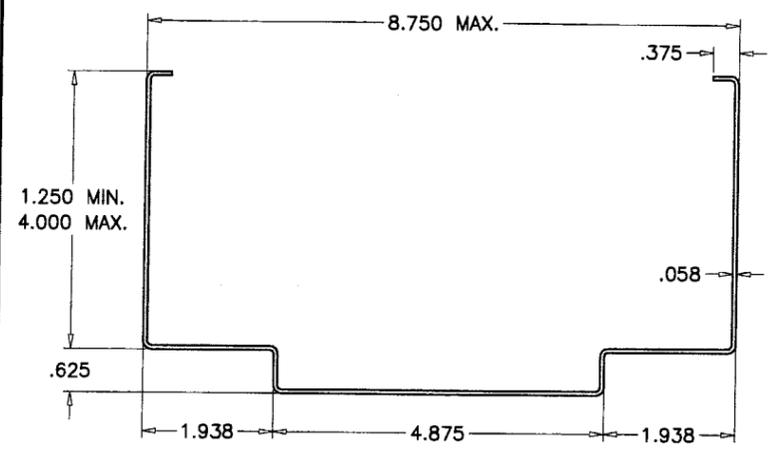
(2A) FRAME JAMB



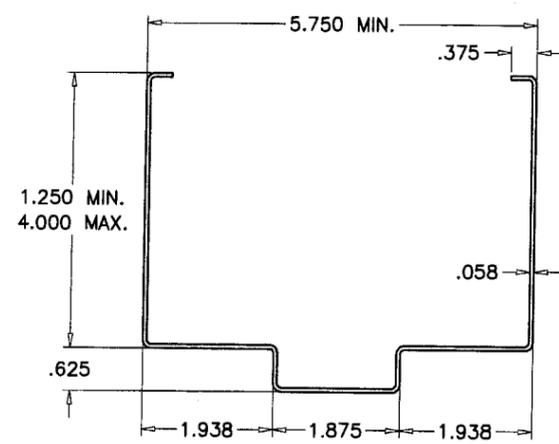
(1) (2) FRAME HEAD/JAMB



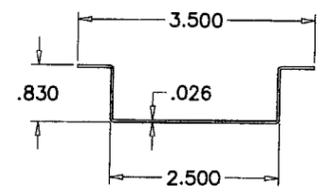
(1C) (2B) FRAME HEAD/JAMB



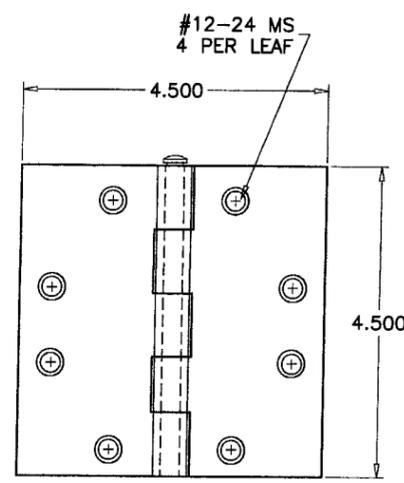
(1B) FRAME HEAD



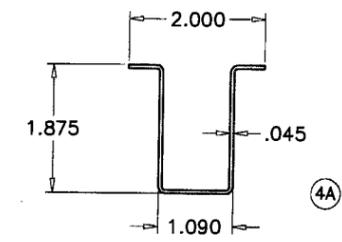
(1A) FRAME HEAD



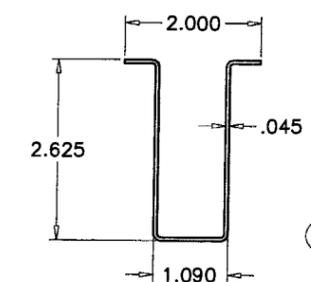
(9) HAT CHANNEL REINFORCING



(16) .134" THICK STEEL HINGE

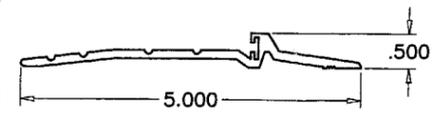


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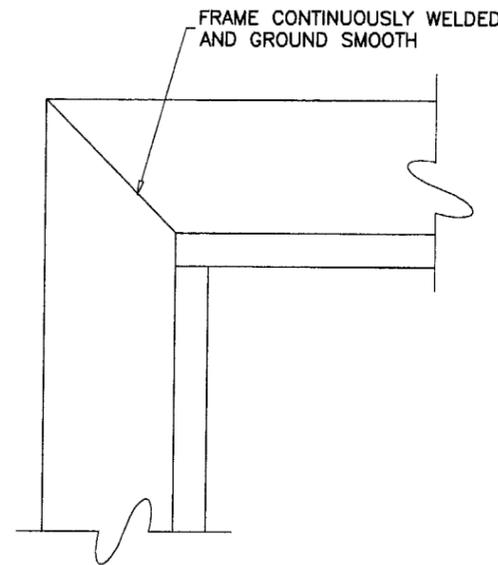


(4)

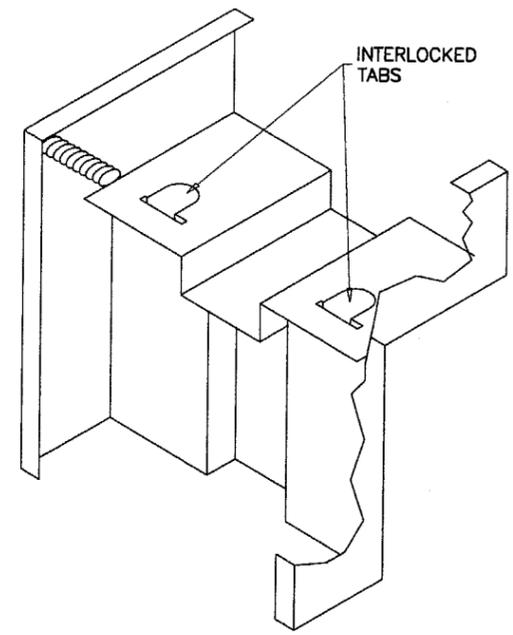
ANCHOR SPACER



(3) BUMPER THRESHOLD



FRAME CORNERS



INTERLOCKED TABS

Approved as complying with the  
Florida Building Code  
Date: 07/28/05  
NOAH 05-04720.04  
Miami Dade Product Control  
Division  
By: *M. Khal*

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
  
JUN 29 2005

**afc**

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W05-07FDC

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**S-607OF OUT-SWING COMMERCIAL ST. ENTRANCE DOOR**

**FIREDOOR, LLC**  
1350 N.W. 74TH STREET  
MIAMI, FL. 33147  
TEL.(305) 691-1500 FAX(305) 836-4797

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no	date	description
A	06.20.05	NO CHANGE THIS SHEET

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

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drawing no.  
**W05-07**

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sheet 6 of 6