



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.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Amweld International, LLC
301 S. North Point Dr. , Suite #400
Coppell, TX. 75019

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Firedoor Series "6070HMD" Outswing Opaque Storefront Steel Door w/wo Transom(steel reinforced)

APPROVAL DOCUMENT: Drawing No "W10-17", titled "Firedoor series "6070 HMD-IG" STEEL. ENT. DR.", sheet 1 through 7 of 7, dated 03-24-10 and last revised on July 26, 2010, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation:

1. This approval is limited to outswing single or double doors w/wo transom or w/ separate AmWeld Steel Reinforced Storefront NOA. Lower design pressure shall control.
2. Doors w/ Zero Int'l. threshold **65-A** (item #10) is not rated for water infiltration resistance.

LABELING: Each unit shall bear a permanent label with the Ark Manufacturing De Mexico, **Nuevo Leon, Mexico** 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 # 07-1019.06 (Former **Firedoor, Div. Ark II Manufacturing, LLC**) consists of this page 1 as well as approval document mentioned above.

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



8/2/10

NOA No 09-0923.13
Expiration Date: December 12, 2012
Approval Date: August 25, 2010

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (Transferred from # 07-1019.06)

1. Manufacturers die drawings and sections.
2. Drawing No "W10-17", titled "Firedoor series "6070 HMD-IG" STEEL. ENT. DR.", sheet 1 through 7 of 7, dated 03-24-10 and last revised on July 26, 2010, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS (Transferred from # 07-1019.06). Original test conducted per SFBC PA 201, 202 & 203-94, now termed 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 FBCTAS 202-94
 - 3) Water Resistance Test, per FBC TAS 202-94
 - 4) Forced Entry 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 outswing steel doors w/ steel storefront, marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 2801 (FTL00124)**, dated 12/06/00, signed and sealed by Antonio Acevedo, P.E.

2. Additional test report **FTL-5237 (FTL-07065)** dated 07/27/2007, issued by Fenestration Testing Laboratories, Inc., signed and sealed by Carlos S. Rionda, P.E.

C. CALCULATIONS

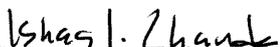
1. Anchor verification dated June 24, 2009 and last revised on April 06, 2010, prepared by Al-Farooq Corporation, complying w/ FBC 2007, signed & sealed by Javad Ahmad, P.E.
2. Anchor verification & comparative analysis dated Sep 10, 2007, prepared by Al-Farooq Corporation, , signed and sealed by Dr. Humayoun Farooq, P.E.(transferred from file # **07-1019.06**)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

B. MATERIAL CERTIFICATIONS (Transferred from # 07-1019.06)

1. Notice of Acceptance No. **07-1107.08** issued to Dyplast Product, LLC (Former Apache Products Co.) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/12.
2. Tensile Test prepared by ATC Associates, Inc., Project No. 13974.0001(FTL#2891), dated December 28, 2000, for steel samples, tested per ASTM A370-96, signed and sealed by Steven E. Black, P.E.
3. Tensile Test prepared by FTL Inc., Report #2 (FTL#2801), dated 12-06-2000, for steel samples, tested per ASTM A370-96, signed & sealed by Antonio Acevedo, P.E.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 09-0923.13

Expiration Date: December 12, 2012

Approval Date: August 25, 2010

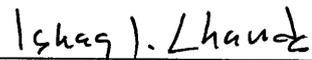
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. STATEMENTS

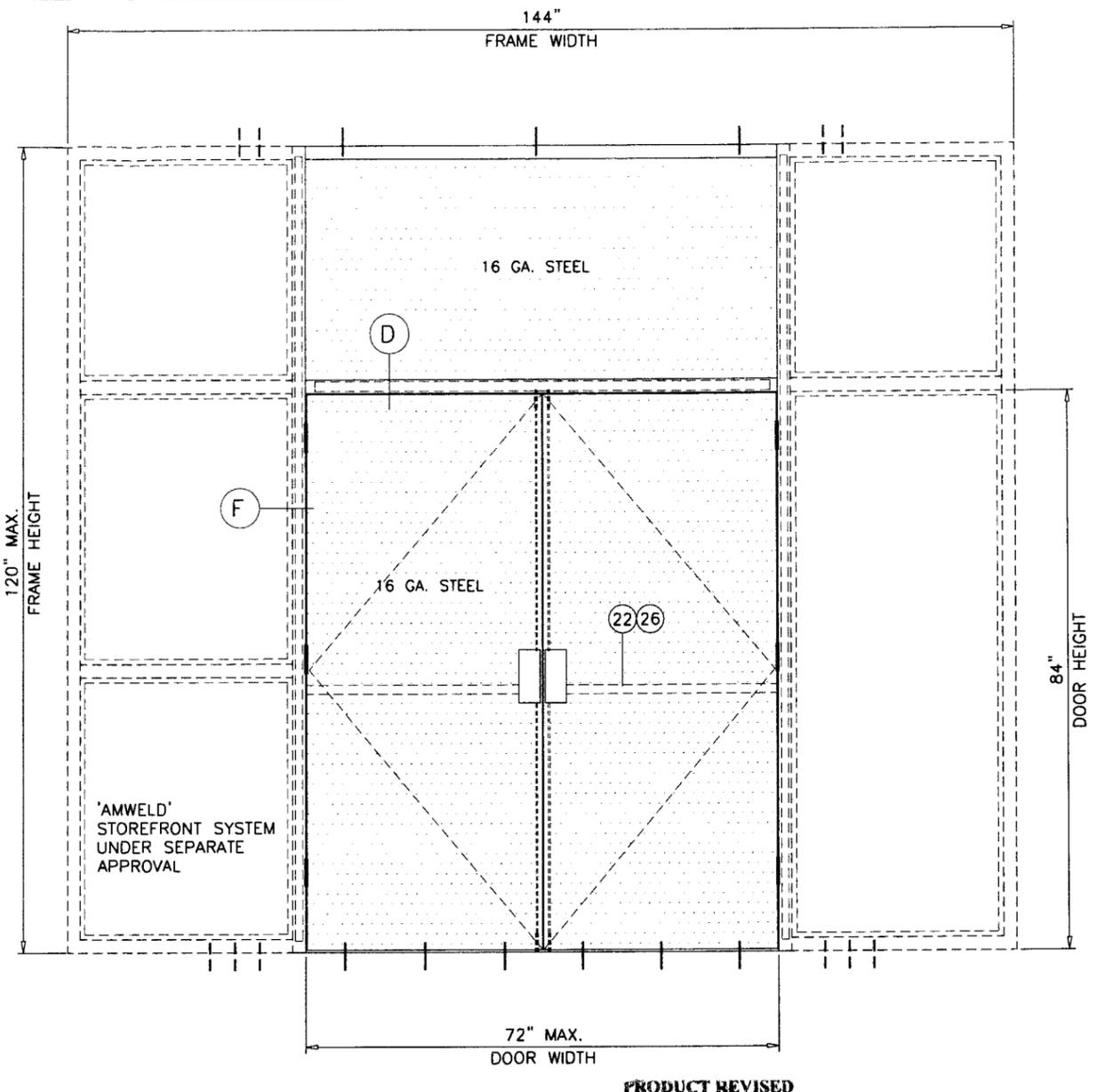
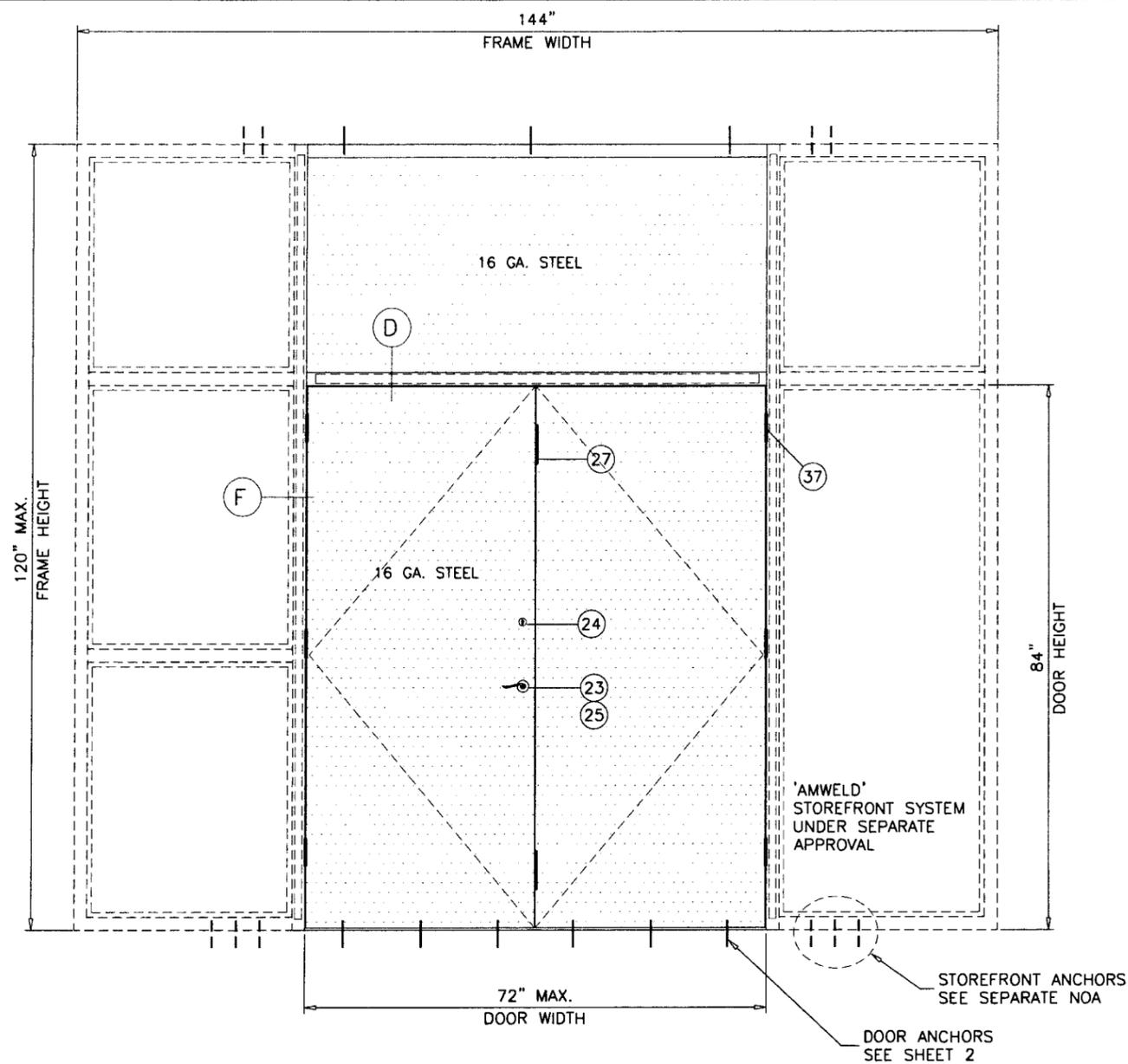
1. Statement Letter of conformance and letter of "No financial interest to test Lab" issued by Al-Farooq Corporation, both letters dated April 06, 2010, signed and sealed by Javad Ahmad, P.E.
2. Statement Letter of conformance issued by Al-Farooq Corporation, dated August 21, 2007, signed and sealed by Dr. Humayoun Farooq, P.E. (Transferred from # **07-1019.06**)
3. Statement letter of compliance, as part of above referenced test report, issued by Fenestration testing laboratory.
4. Distributor Agreement between Ark Manufacturing de Mexico., Nuevoleon, Mexico and Firedoor by Amweld International, LLC, Texas, USA, signed by Gabriel de la Garza and R. Scott Willson, respectively .

G. OTHER

1. This NOA revises & replaces NOA # **07-1019.06** (Former **Firedoor, Div. Ark II Manufacturing, LLC**), expired on December 12, 2012.
2. Commitment letter by Amweld Int'l., dated 03/31/10 for 5/16" Tapcon re-verification test.
3. Test proposal dated 08/02/06 approved by BCCO.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 09-0923.13
Expiration Date: December 12, 2012
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TYPICAL ELEVATION
TESTED UNITS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0923.13
Expiration Date DEC 12, 2012
By Shagil Chanda
Miami Dade Product Control
Division

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
(FOR SIZES SHOWN ON SHEET 2 OR SMALLER) - 75.0 PSF
AS LIMITED BY CODE

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

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

JA
JUL 26 2010

FIREDOOR SERIES 6070 HMD STEEL ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT TRANSOMS.

USE BUMPER THRESHOLD (2001/2005 AV) WHEN WATER INFILTRATION REQUIREMENTS ARE NOT APPLICABLE.

USE WATER THRESHOLD (149AV) WHEN WATER INFILTRATION REQUIREMENTS MUST BE MET.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

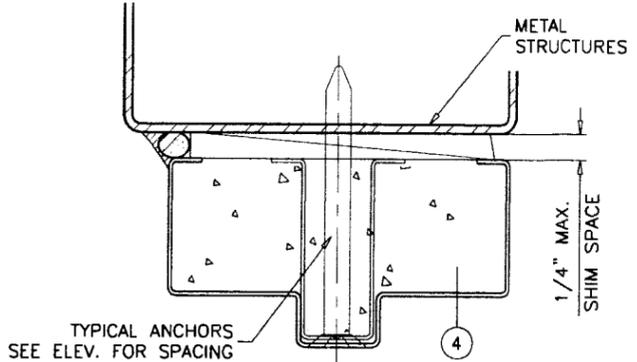
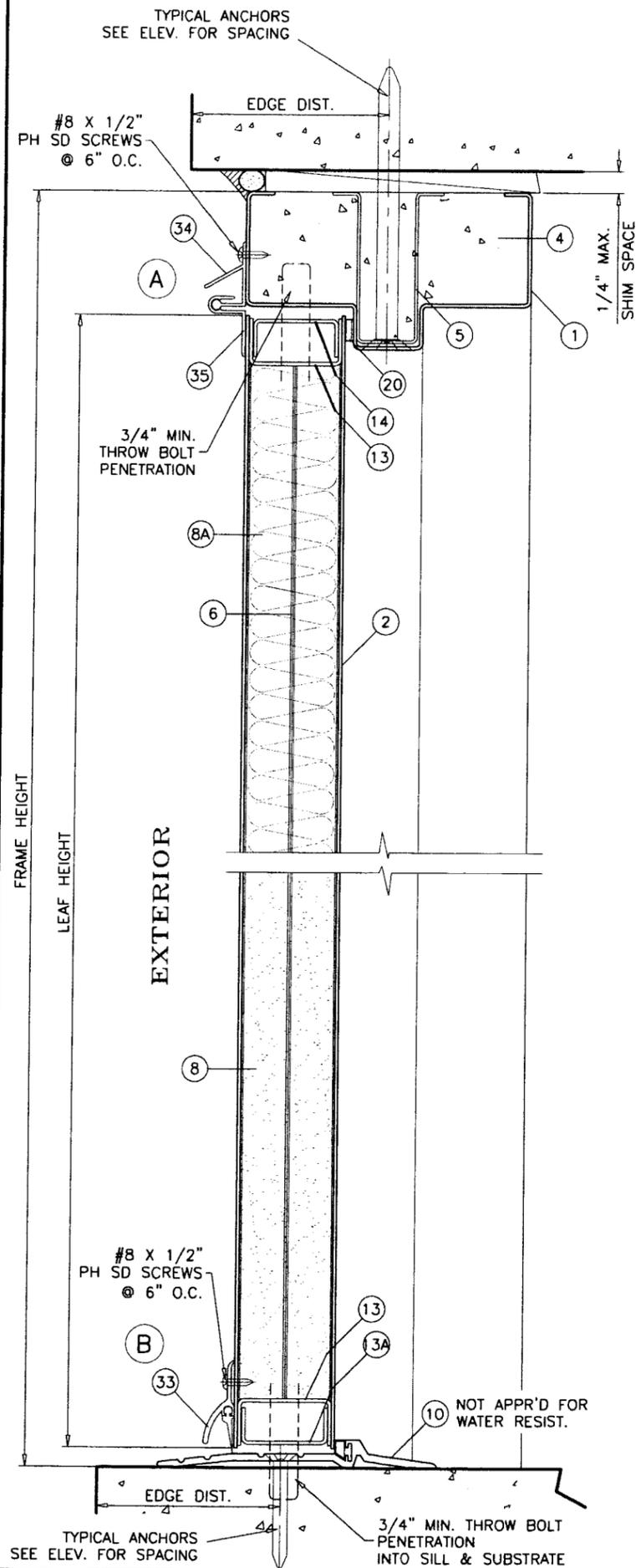
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W10-17FDC

FIREDOOR SERIES 6070 HMD STEEL ENTRANCE DR.
AMWELD INTERNATIONAL, LLC
301 S NORTHPOINT DRIVE SUITE #400
COPPELL, TX. 75019
TEL. (469) 656-4789 FAX. (214) 329-0911

revisions:	no	date	by	description
	A	07.20.10		NO CHANGE THIS SHEET

date: 03-24-10
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W10-17
sheet 1 of 7



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

5/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONC. OR MASONRY
1-3/4" MIN. EMBED INTO CONCRETE
1-1/4" MIN. EMBED INTO MASONRY (@ JAMBS ONLY)
3-1/8" MIN. EDGE DISTANCE

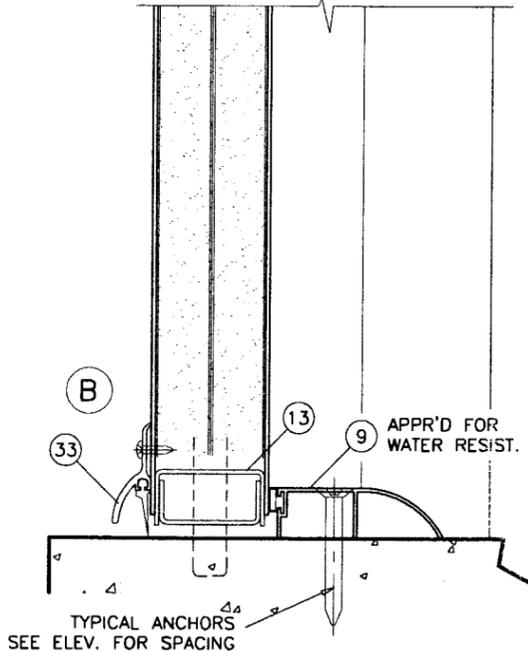
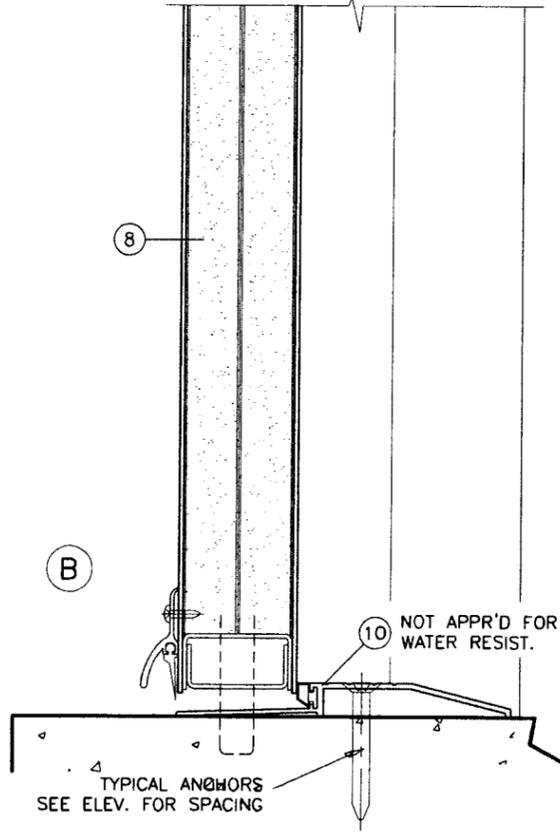
3/8" DIA. CARBON STEEL SLEEVE ANCHOR HILTI
DIRECTLY INTO CONC. OR MASONRY
1-1/2" MIN. EMBED INTO CONCRETE
1-1/2" MIN. EMBED INTO MASONRY (@ JAMBS ONLY)
3-1/2" MIN. EDGE DISTANCE

3/8" DIA. SMS OR MACHINE BOLTS (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:

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
WITH 1-1/2" 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.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JA
JUL 26 2010

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. *09-0923-13*
Expiration Date *DEC 12, 2012*
By *Iskhan I. Chaudhry*
Miami Dade Product Control
Division

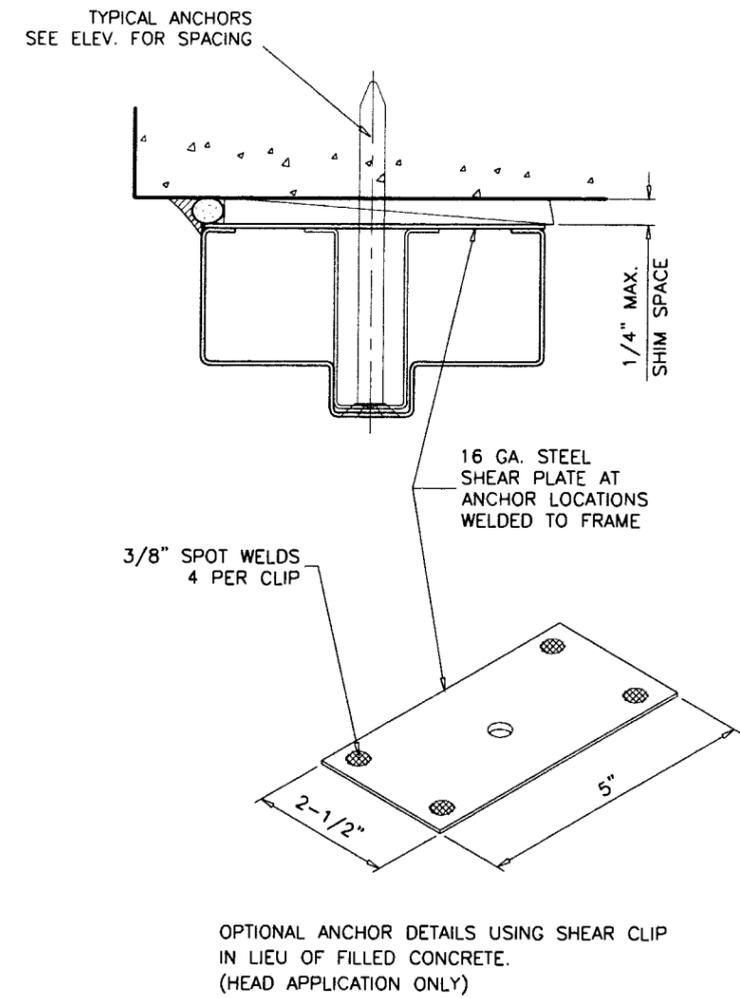
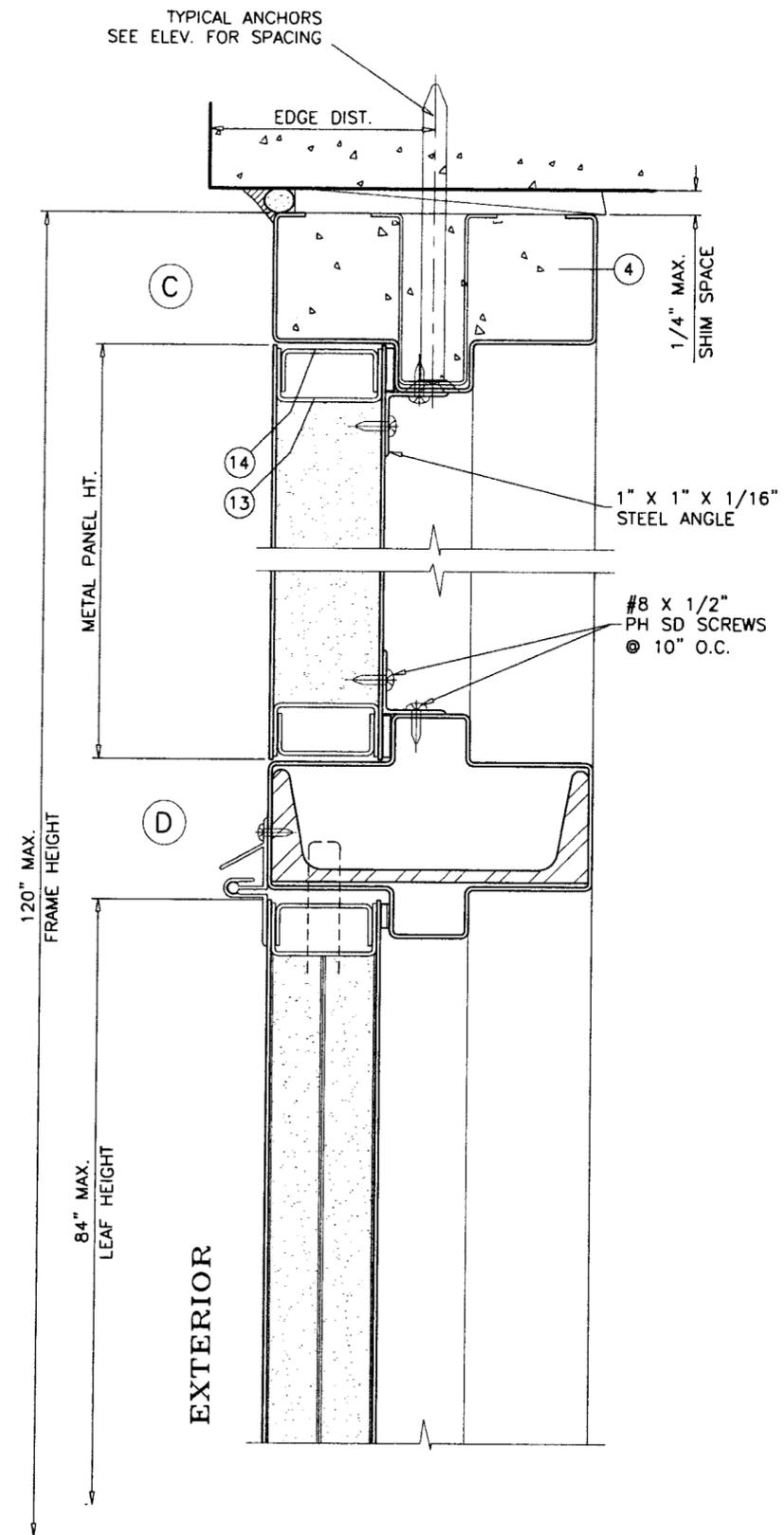
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W10-17FDC

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CORPELL, TX. 75019
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revisions:		no. date by description	
A	07.20.10		NO CHANGE THIS SHEET

date:	03-24-10	scale:	3/8" = 1"
dr. by:	HAMID	chk. by:	

drawing no.	W10-17
sheet	3 of 7



OPTIONAL ANCHOR DETAILS USING SHEAR CLIP
IN LIEU OF FILLED CONCRETE.
(HEAD APPLICATION ONLY)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0923.13
Expiration Date DEC 12, 2012
By [Signature]
Miami Dade Product Control
Division

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

JA
JUL 26 2010

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
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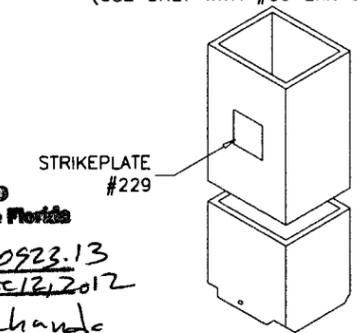
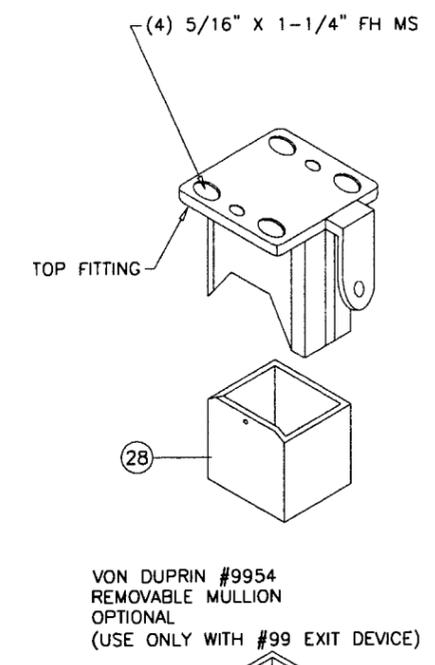
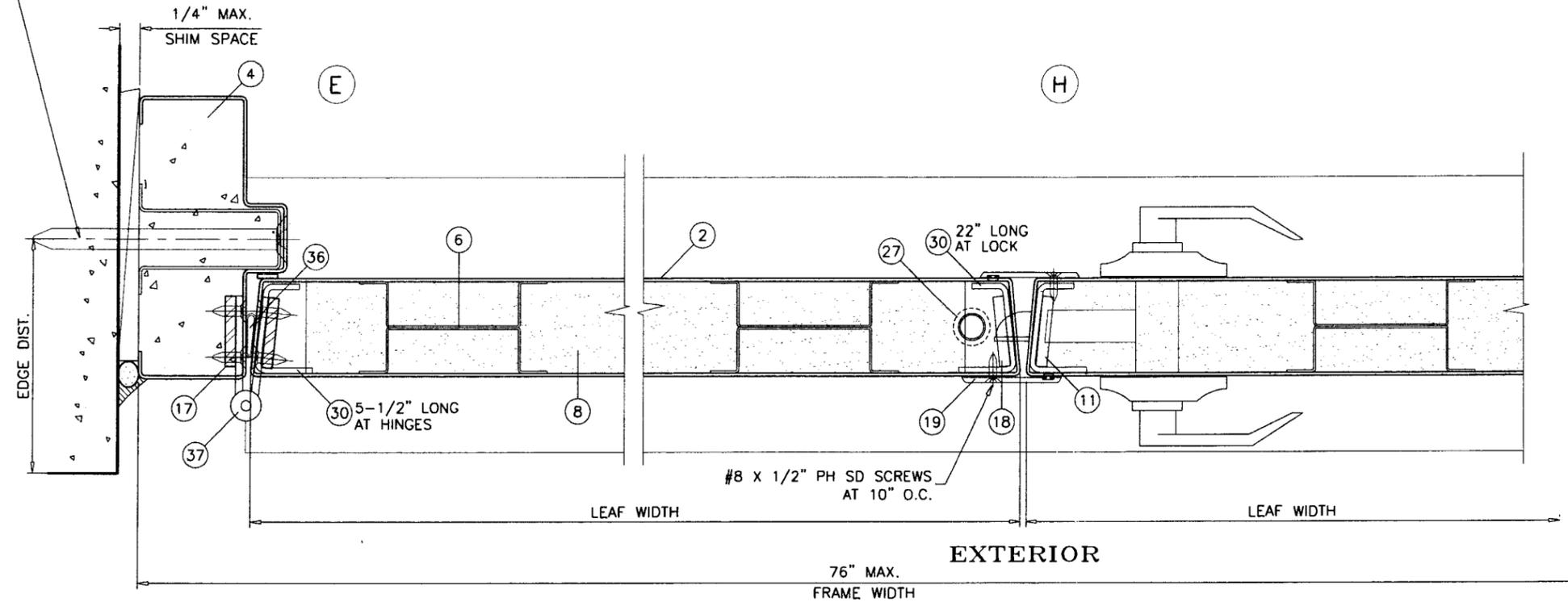
FIREDOOR SERIES 6070 HMD STEEL ENTRANCE DR.
AMWELD INTERNATIONAL, LLC
301 S NORTHPOINT DRIVE SUITE #400
COPPELL, TX. 75019
TEL. (469) 656-4789 FAX. (214) 329-0911

no	date	by	description
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scale: 3/8" = 1"
dr. by: HAMID
chk. by:

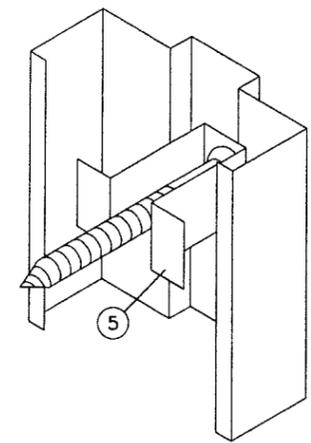
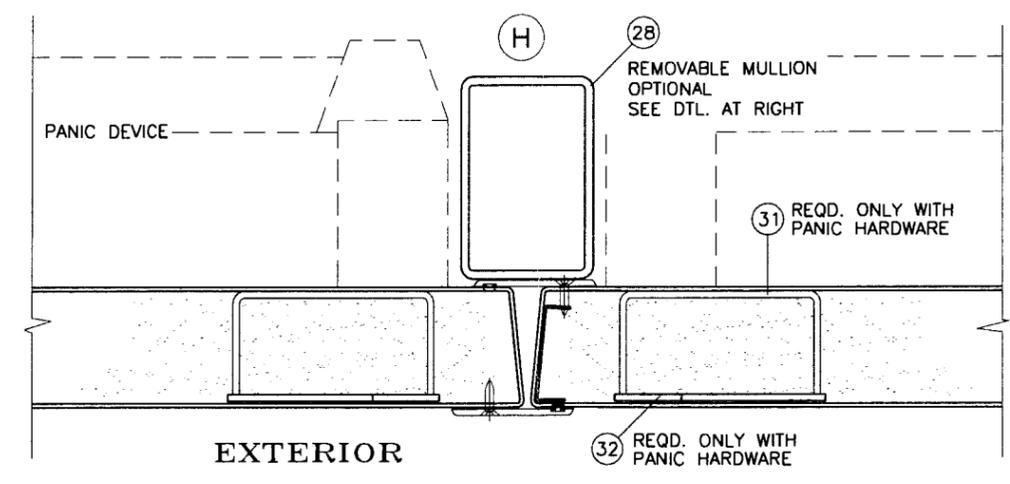
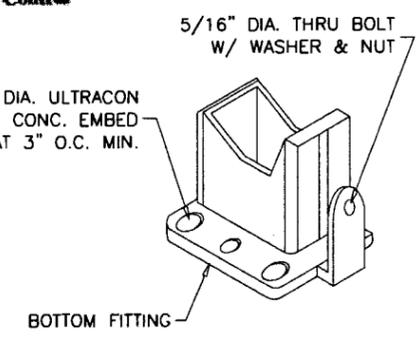
drawing no.
W10-17
sheet 4 of 7

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0923.13
Expiration Date DEC 12, 2012
By Isaac I. Chando
Miami Dade Product Control
Division

(4) 1/4" DIA. ULTRACON
1-3/4" MIN. CONC. EMBED
AT 3" O.C. MIN.



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

JA

JUL 26 2010

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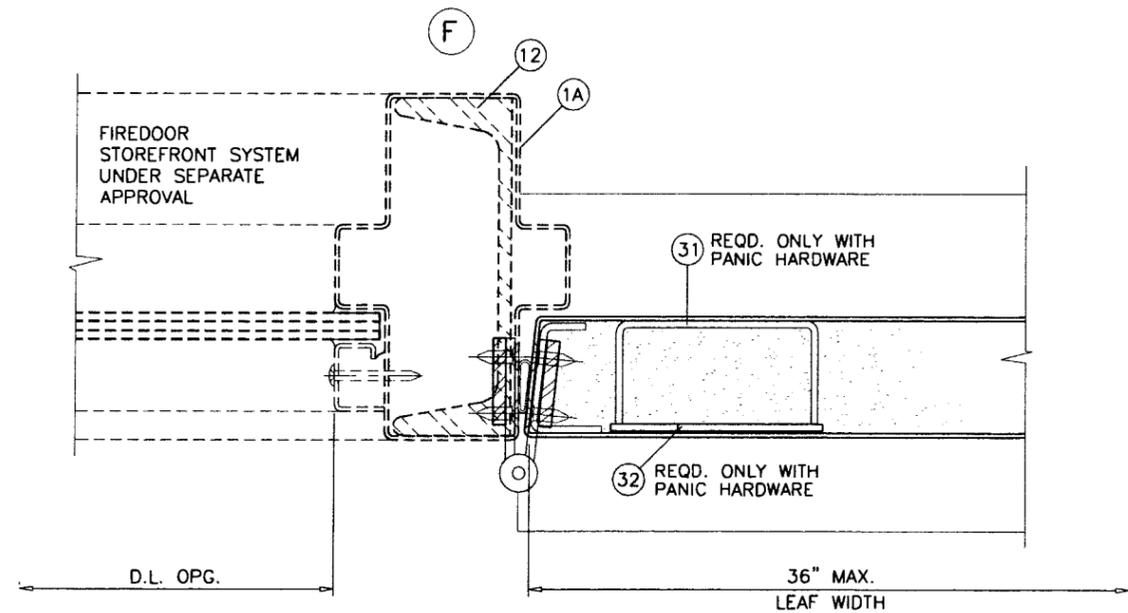
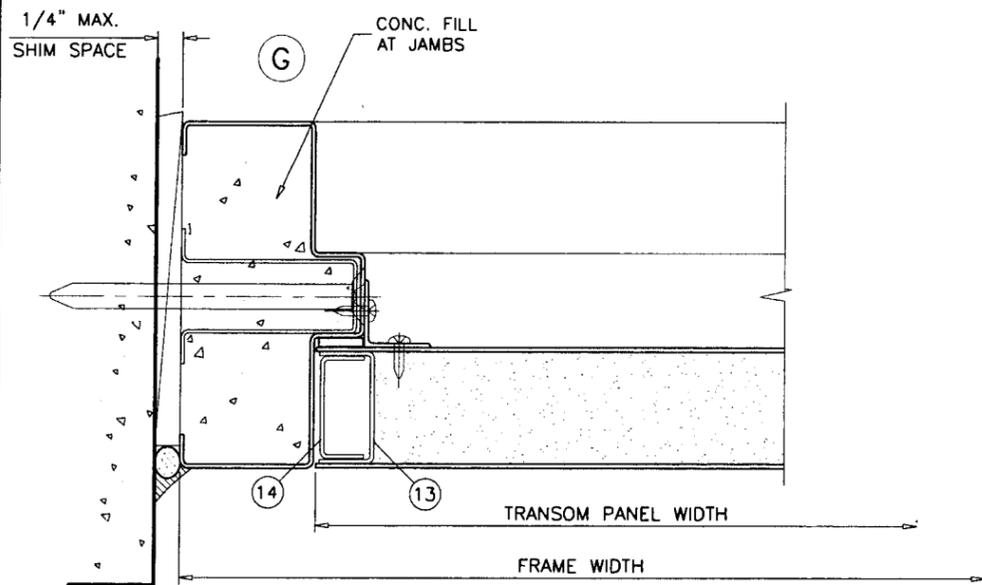
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A	07.20.10	NO CHANGE THIS SHEET

date: 03-24-10
scale: 3/8" = 1"
dr. by: HAM/ID
chk. by:

drawing no.
W10-17
sheet 5 of 7



ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD/JAMB	STEEL	16 GA. (.058") MIN. Fy = 41,000
1A	-	AS REQD.	FRAME VERTICAL/HORIZONTAL	STEEL	16 GA. (.058")
2	-	-	DOOR	STEEL	16 GA. (.058") MIN. Fy = 45,000
4	-	-	FRAME GROUT	CONC.	3000 PSI MIN.
5	-	AS REQD.	JAMB BOLT SPACER	STEEL	2" X 2 5/8" X 18 GA.
6	-	10/ LEAF	HAT STIFFENER IN PAIRS (5 ROWS VERTICAL)	STEEL	22 GA.
8	-	1	POLYSTYRENE CORE	-	'DYPLAST PRODUCTS LLC' W/ CURRENT NOA
8A	-	1	THERMAL INSULATION	-	OWENS CORNING RA-24 BATT
9	149AV	1	WATER THRESHOLD	ALUMINUM	PEMCO (OR)
10	2001/2005 AV	1	BUMPER THRESHOLD	ALUMINUM	PEMCO
11	-	1	LOCK REINFORCEMENT, FULL LENGTH	STEEL	1 1/8" X 3 1/8" X 12 GA., ASTM A36
12	C5 X 6.7	-	REINFORCING CHANNEL, FULL LENGTH	STEEL	1 3/4" X 5" X 1 3/4" X 3/16"
13	-	1/ RAIL	TOP AND BOTTOM RAIL CHANNEL	STEEL	.825" X 1.660" X .825" X 16 GA.
14	-	1/ RAIL	TOP AND BOTTOM RAIL CHANNEL	STEEL	.652" X 1.520" X .652" X 16 GA.
17	-	3	HINGE REINFORCEMENT (FRAME/DOOR)	STEEL	1 1/4" X 27" X 3/16"
18	-	1	STRIKE REINFORCEMENT	STEEL	12 GA. 1 3/8" X 6-7/16"
19	-	2	ASTRAGAL METAL OR 305CN PEMKO	-	PEMKO
20	P241-30	1	HEAD/JAMB WEATHERSTRIP	FOAM	3/16" X 3/8"
21	-	4	MOUNTING ANGLES WELDED TO FRAME	-	14 GA. 1" X 1"
22	9927	2	VERTICAL ROD EXIT DEVICE, W/ 499 STRIKE PLATE	-	VON DUPRIN
23	AL	1	CYL LEVER LOCKSET	-	SCHLAGE, 38" FROM BOTTOM
24	B	1	SERIES 600/700/800 DEADBOLT	-	SCHLAGE, 48" FROM FINISHED FLR.
25	L	1	MORTISE LOCK SERIES, 94XX W/ 10-072 STRIKE	-	SCHLAGE
26	99	2	RIM EXIT DEVICE, W/ 299 STRIKE PLATE	-	VON DUPRIN
27	555	2	1/2" DIA. FLUSH BOLTS @ INACT. DOOR, Fy = 15000 PSI	BRASS	ROCKWOOD, AT 12" FROM EACH END
28	#9954	1	REMOVABLE MULLION, MIN. Fy = 46 KSI	-	VON DUPRIN, 2"x3"x82-1/4"x1/8" THK.
30	-	3/ LEAF	REINFORCING CHANNEL, 22" LONG	STEEL	.625" X 1.625" X 1.125" X 12GA.
31	-	1/ LEAF	REINFORCING CHANNEL, 22 LONG	STEEL	1.53" X 3" X 1.53" X 12 GA.
32	-	1/ LEAF	REINFORCING BARS, 22" LONG	STEEL	2.158" X .10" AND .992" X .10"
33	345 AV	2	SWEEP	-	PEMKO (1/2" X 1 1/4")
34	347A	1	WEATHERSTRIP	VINYL	PEMKO (3/4" X 1 1/8")
35	68AR	2	WEATHERSTRIP	VINYL	PEMKO (3/4" X 13/16")
36	S88D	-	DOOR GASKET	SILICONE	PEMKO
37	1079	3/ LEAF	MORTISE HINGES AT 33" O.C.	-	MONT HARD

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0923.12
 Expiration Date DEC 12, 2012
 By Ismael L. Llanusa
 Miami Dade Product Control
 Division

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

 JUL 26 2010

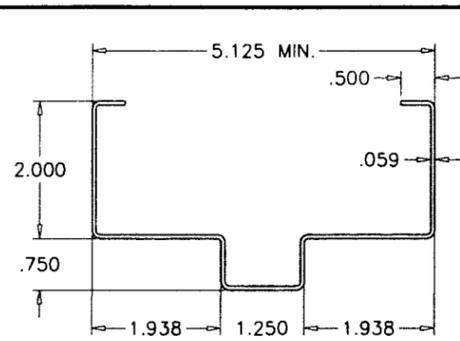
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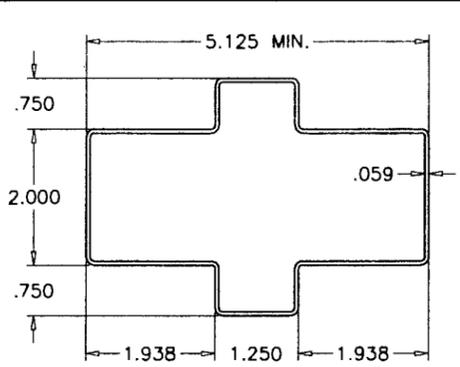
revisions:	no	date	by	description
	A	07.20.10	REV. PER	BCCO COMMENTS

date: 03-24-10	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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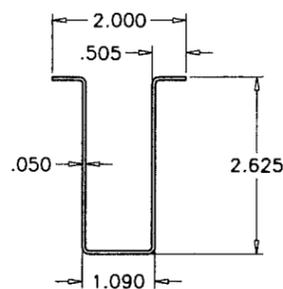
drawing no.	W10-17
sheet	6 of 7



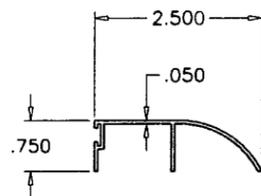
FRAME HEAD/JAMB



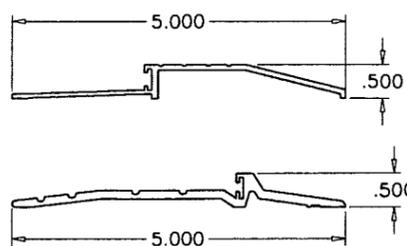
FRAME HORIZONTAL/VERTICAL



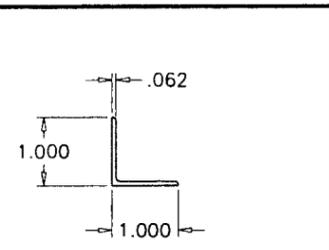
ANCHOR SPACER



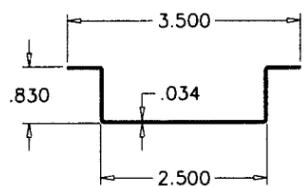
WATER THRESHOLD



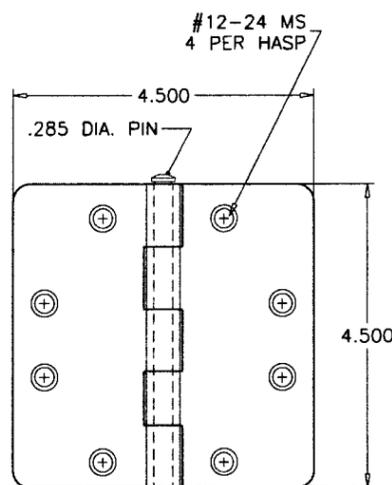
BUMPER THRESHOLD



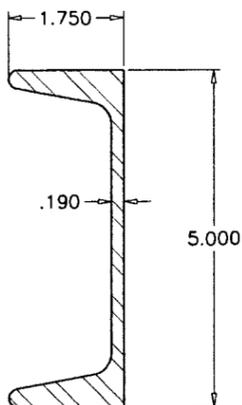
TRANSOM PANEL ANGLE



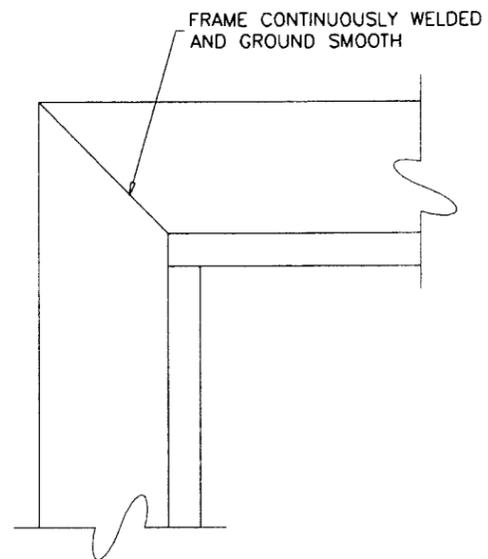
HAT CHANNEL REINFORCING



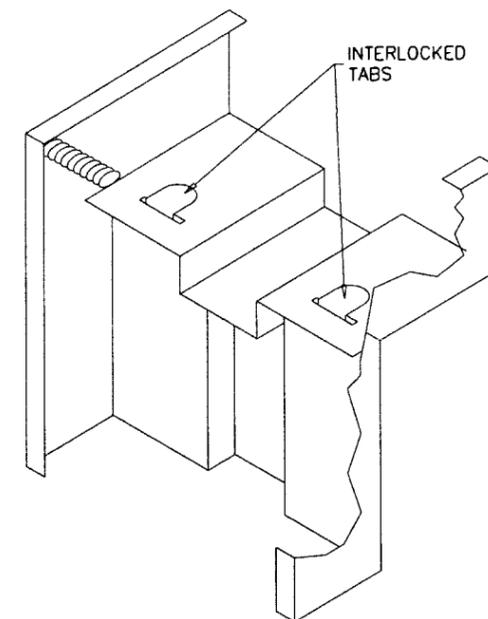
.134" THICK STEEL HINGE



REINFORCING CHANNEL
C5 X 6.7



FRAME CORNERS



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. CF-0923.13
 Expiration Date DEC 12, 2012
 By Isaac L. Llaneta
 Miami Dade Product Control
 Division

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

 JUL 26 2010

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W10-17FDC

FIREDOOR SERIES 6070 HMD STEEL ENTRANCE DR.
AMWELD INTERNATIONAL, LLC
 301 S NORTHPOINT DRIVE SUITE #400
 COPPELL, TX. 75019
 TEL. (469) 656-4789 FAX. (214) 329-0911

revisions:	no	date	by	description
	A	07.20.10		NO CHANGE THIS SHEET

date: 03-24-10
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W10-17
 sheet 7 of 7