



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
www.buildingcodeonline.com**

**NOTICE OF ACCEPTANCE (NOA)**

**DAB Door Company, Inc.  
12195 N.W. 98<sup>th</sup> Ave  
Hialeah Gardens, FL 33018**

**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 "824" Sectional Garage Doors (18'2" wide) - Impact**

**APPROVAL DOCUMENT:** Drawing No. **W05-03**, titled "Sectional Residential Garage Door", sheets 1 through 3 of 3, prepared by Al Farooq Corp., dated 05/16/05 and last revised on Feb 12, 2007, signed and sealed by Dr. 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 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



4  
3/7/7

**NOA No 06-0817.07  
Expiration Date: March 29, 2012  
Approval Date: March 29, 2007  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W05-03**, titled "Sectional Residential Garage Door", sheets 1 through 3 of 3, prepared by Al Farooq Corp., dated 05/16/05 and last revised on Feb 12, 2007, signed and sealed by Dr. 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 Resistance Test, per FBC, TAS 202-94 (Not performed)
  - 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 and TAS 202-94

Along with marked-up drawings and installation diagram of sectional garage doors, prepared by Hurricane Engineering Testing, Inc., Test Report No. **HETI-051445**, dated 04/18/05-05/11-05, signed and sealed by Rafael E. Droz-Seda, P.E.  
(Note: This test report was revised & reissued by Hurricane Engineering Testing, on Jan 10, 2007)

**C. CALCULATIONS**

1. Anchor Calculations & structural analysis, prepared by Al-Farooq Corporation, dated 07/25/06, signed and sealed by Dr. Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Tensile Test Report No. HETI 05-T335, prepared by Hurricane Engineering & Testing Inc. dated 08/22/05, signed and sealed by Rafael E. Droz-Seda, P.E.

**F. STATEMENTS**

1. Statement letter of conformance & "No financial interest", dated 07/25/06, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Statement of laboratory compliance, as part of above referenced test reports.

**G. OTHER**

1. BCCO request letter dated Oct. 13, 2006.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 06-0817.07  
Expiration Date: March 29, 2012  
Approval Date: March 29, 2007

7-1/2" X 2-1/4" X .071"  
GALV. STEEL CENTER HINGE  
WITHOUT DELRON SLEEVE  
W/ (4) #14 X 5/8" SMS

7-1/2" X 2-1/4" X .071"  
GALV. STEEL CENTER HINGE  
WITH DELRON SLEEVE  
W/ (4) #14 X 5/8" SMS

7-1/2" X 3" X .071" GALV. STEEL  
END ROLLER HINGE  
WITH OPTIONAL DELRON SLEEVE  
W/ (6) #14 X 5/8" SMS

1" W X .15 THK. LATCH  
SPRING LOADED SLIDE BOLT LOCK (BOTH SIDES)  
FASTENED W/ (4) #14 X 1/2" S.M.S.  
5/8" MIN. LOCK ENGAGEMENT CONFORMS TO  
FBC 1012 REGARDING GARAGE DOORS

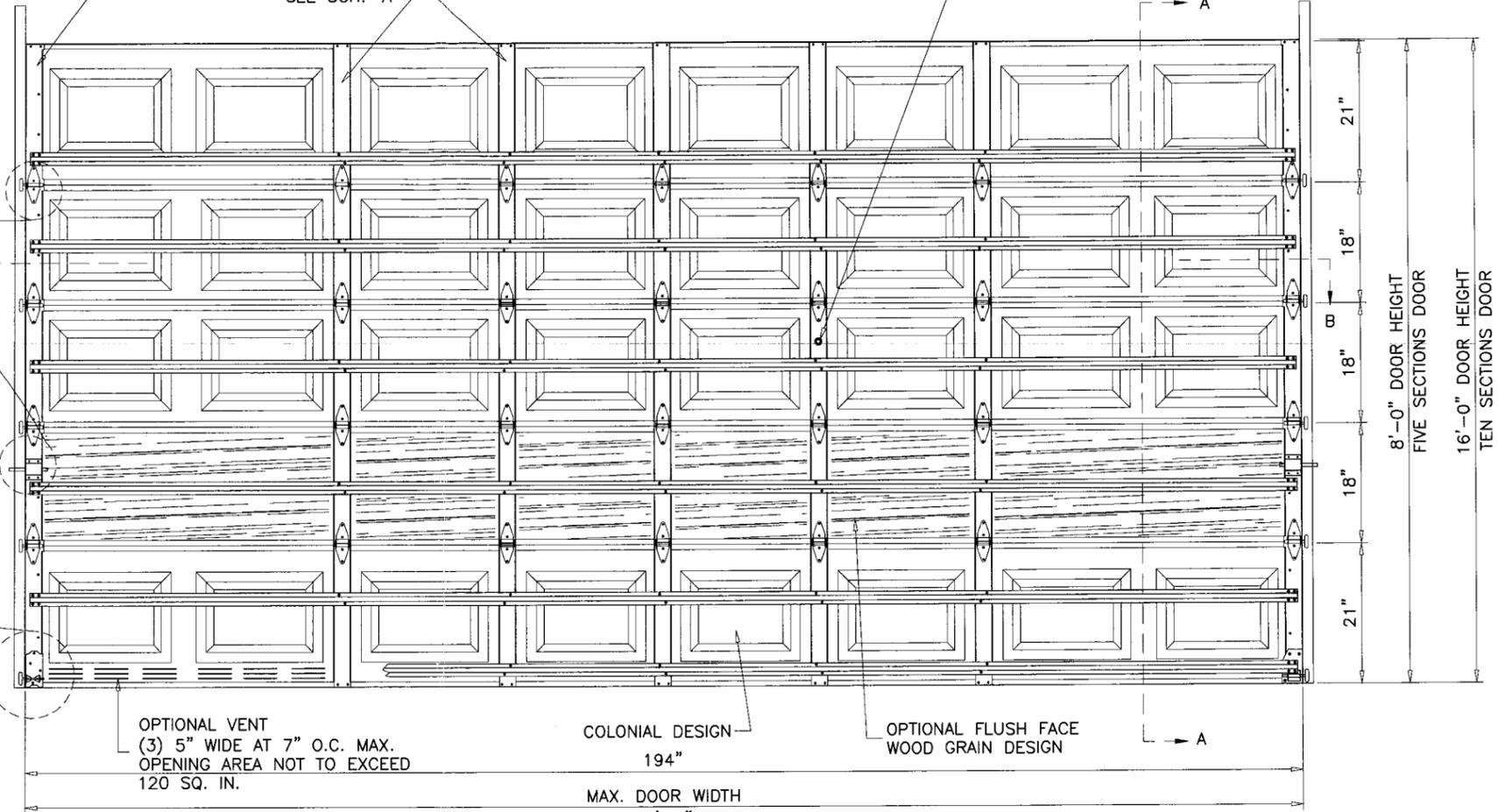
.128 DIA. GALV. AIRCRAFT TYPE  
CABLE & NICO-PRESS SLEEVE  
W/ MIN. 5 TO 1 SAFETY FACTOR

6" X 3" X 0.1"  
STEEL PLATE WITH  
(6) #14 X 5/8" SMS

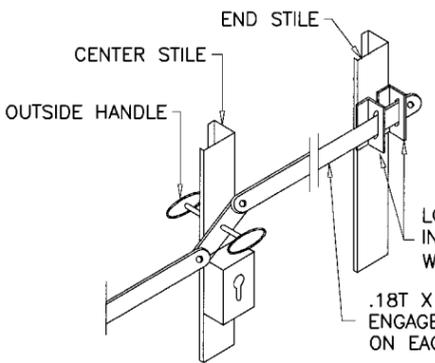
TOP FIXTURE 5-1/2" X 2-3/4" X 0.1"  
STEEL PLATE WITH ONE 5/16-18 MS W/ NUT  
FASTENED TO END STILE WITH  
(6) #14 X 3/4" SELF DRILLING SCREWS

OPTIONAL DOOR VIEWER  
TO BE INSTALLED AT  
ANY CENTER STILE

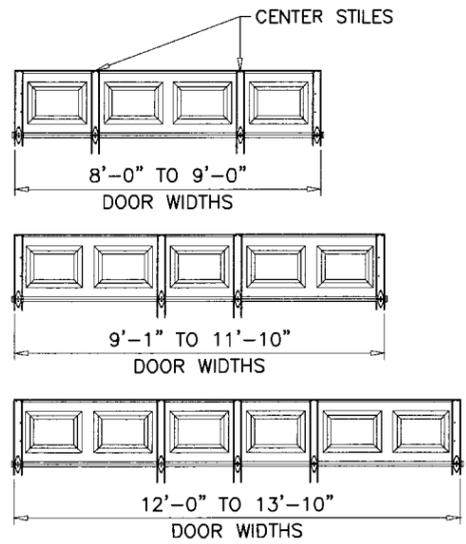
CENTER STILES  
SEE SCH. 'A'



DOOR HEIGHT	CONSISTS OF	
6'-6"	2 SECTIONS 18"	2 SECTIONS 21"
6'-9"	1 SECTION 18"	3 SECTIONS 21"
7'	4 SECTIONS 21"	-
7'-3"	-	-
7'-6"	5 SECTIONS 18"	-
7'-9"	4 SECTIONS 18"	1 SECTION 21"
8'	3 SECTIONS 18"	2 SECTIONS 21"
8'-3"	2 SECTIONS 18"	3 SECTIONS 21"
8'-6"	1 SECTION 18"	4 SECTIONS 21"
8'-9"	5 SECTIONS 21"	-
9'	6 SECTIONS 18"	-
9'-3"	5 SECTIONS 18"	1 SECTION 21"
9'-6"	4 SECTIONS 18"	2 SECTIONS 21"
9'-9"	3 SECTIONS 18"	3 SECTIONS 21"
10'	2 SECTIONS 18"	4 SECTIONS 21"
10'-3"	1 SECTION 18"	5 SECTIONS 21"
10'-6"	6 SECTIONS 21"	-
10'-9"	6 SECTIONS 18"	1 SECTION 21"
11'	5 SECTIONS 18"	2 SECTIONS 21"
11'-3"	4 SECTIONS 18"	3 SECTIONS 21"
11'-6"	3 SECTIONS 18"	4 SECTIONS 21"
11'-9"	2 SECTIONS 18"	5 SECTIONS 21"
12'	1 SECTIONS 18"	6 SECTIONS 21"
12'-3"	7 SECTIONS 21"	-
12'-6"	6 SECTIONS 18"	2 SECTIONS 21"
12'-9"	5 SECTIONS 18"	3 SECTIONS 21"
13'	4 SECTIONS 18"	4 SECTIONS 21"
13'-3"	3 SECTIONS 18"	5 SECTIONS 21"
13'-6"	2 SECTIONS 18"	6 SECTIONS 21"
13'-9"	1 SECTION 18"	7 SECTIONS 21"
14'	8 SECTIONS 21"	-
14'-3"	6 SECTIONS 18"	3 SECTIONS 21"
14'-6"	5 SECTIONS 18"	4 SECTIONS 21"
14'-9"	4 SECTIONS 18"	5 SECTIONS 21"
15'	3 SECTIONS 18"	6 SECTIONS 21"
15'-3"	2 SECTIONS 18"	7 SECTIONS 21"
15'-6"	1 SECTION 18"	8 SECTIONS 21"
15'-9"	9 SECTIONS 21"	-
16'	6 SECTIONS 18"	4 SECTIONS 21"

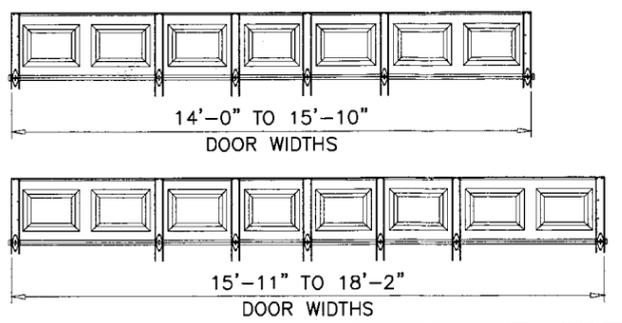


**OUTSIDE KEYED LOCK**  
LOCK BAR LOCKING SHOWN  
ALTERNATE TO LOCKS SHOWN ABOVE



SCHEDULE 'A'

CENTER STILES CONFIGURATION	
DOOR WIDTHS	# OF CENTER STILES
8'-0" TO 9'-0"	2
9'-1" TO 11'-10"	2
12'-0" TO 13'-10"	3
14'-0" TO 15'-10"	4
15'-11" TO 18'-2"	5



OPTIONAL VENT  
(3) 5" WIDE AT 7" O.C. MAX.  
OPENING AREA NOT TO EXCEED  
120 SQ. IN.

COLONIAL DESIGN  
194"

MAX. DOOR WIDTH  
18'-2"

**INSIDE ELEVATION**  
RAISED PANEL EMBOSSED DOOR

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

**DAB DOOR MODEL 824**  
MAX. SIZE 18'-2" WIDE X 16'-0" HIGH

DESIGN PRESSURE RATING = + 40.0 PSF  
- 44.0 PSF

**GENERAL NOTES**

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
4. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
5. A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

Approved as complying with the  
Florida Building Code  
Date: MARCH 29, 2007  
NOAH 06-0817-07  
Miami Dade Product Control  
Division  
By: Ishaq I. Chaudh

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

*[Signature]*

FEB 12 2007

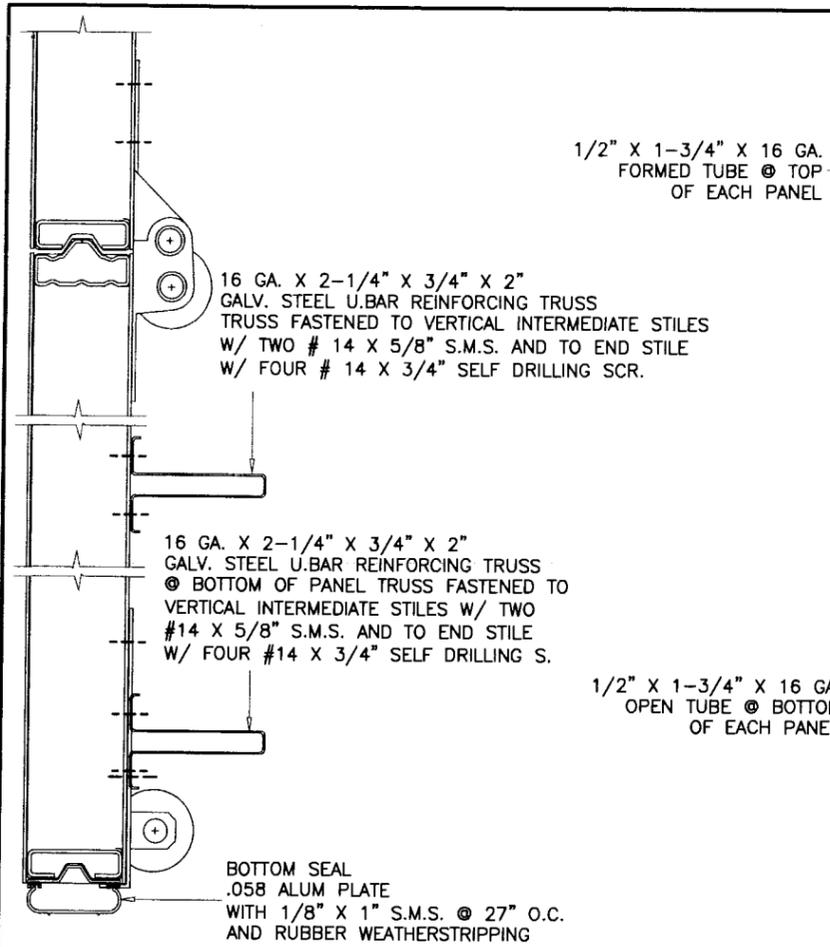
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
GARAGE\05-03DAB

SECTIONAL RESIDENTIAL GARAGE DOOR  
**DAB DOORS INC.**  
12195 N.W. 98 TH. AVE.  
HIALEAH GARDENS, FL. 33018  
TEL. (305) 556 - 6624

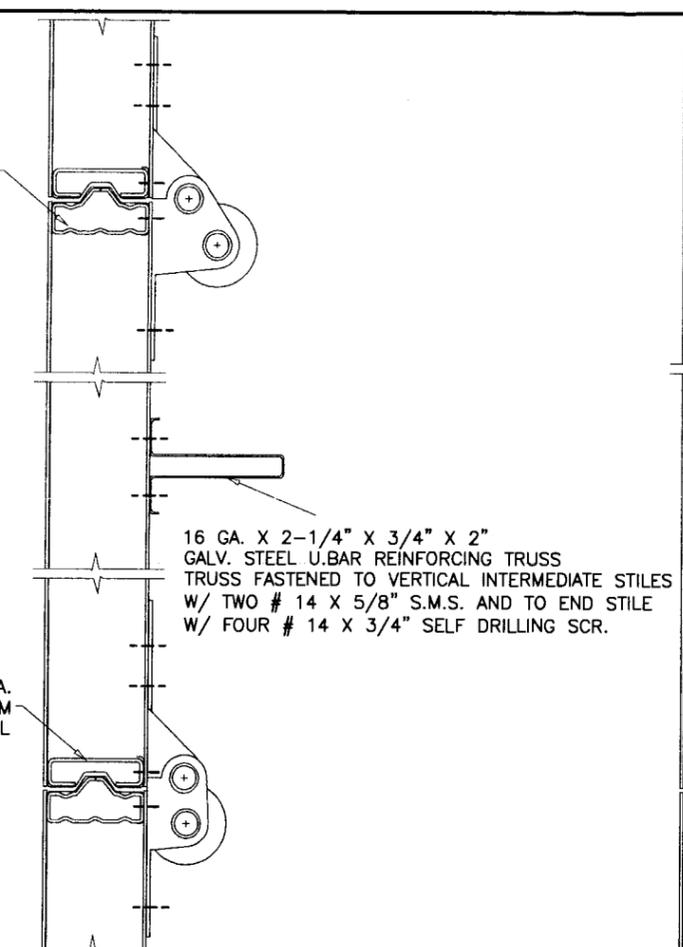
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	A	11.02.06	REV. PER BCCO COMMENTS

date: 05-16-05  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

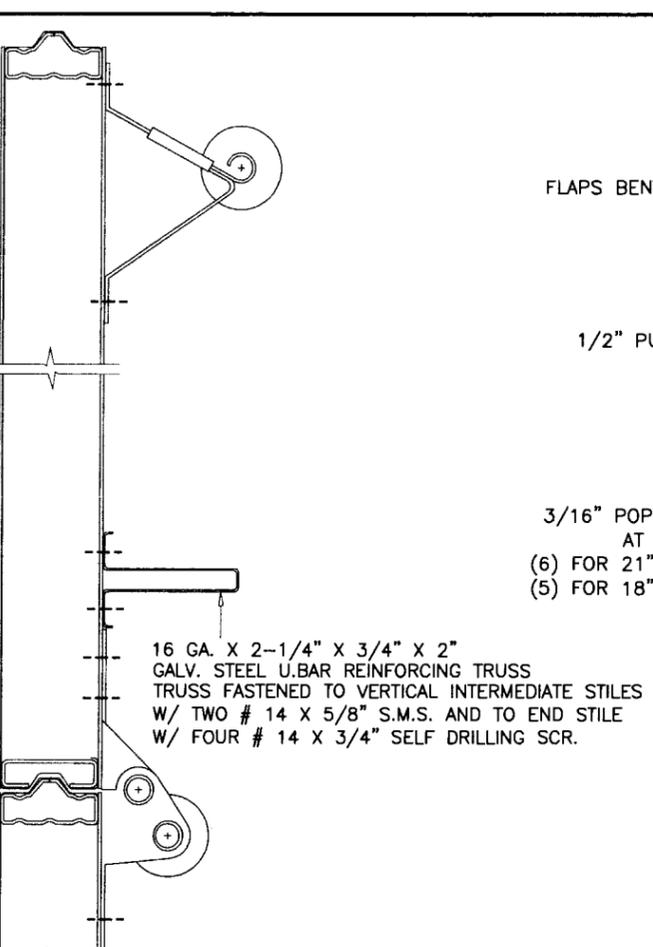
drawing no.  
**05-03**  
sheet 1 of 3



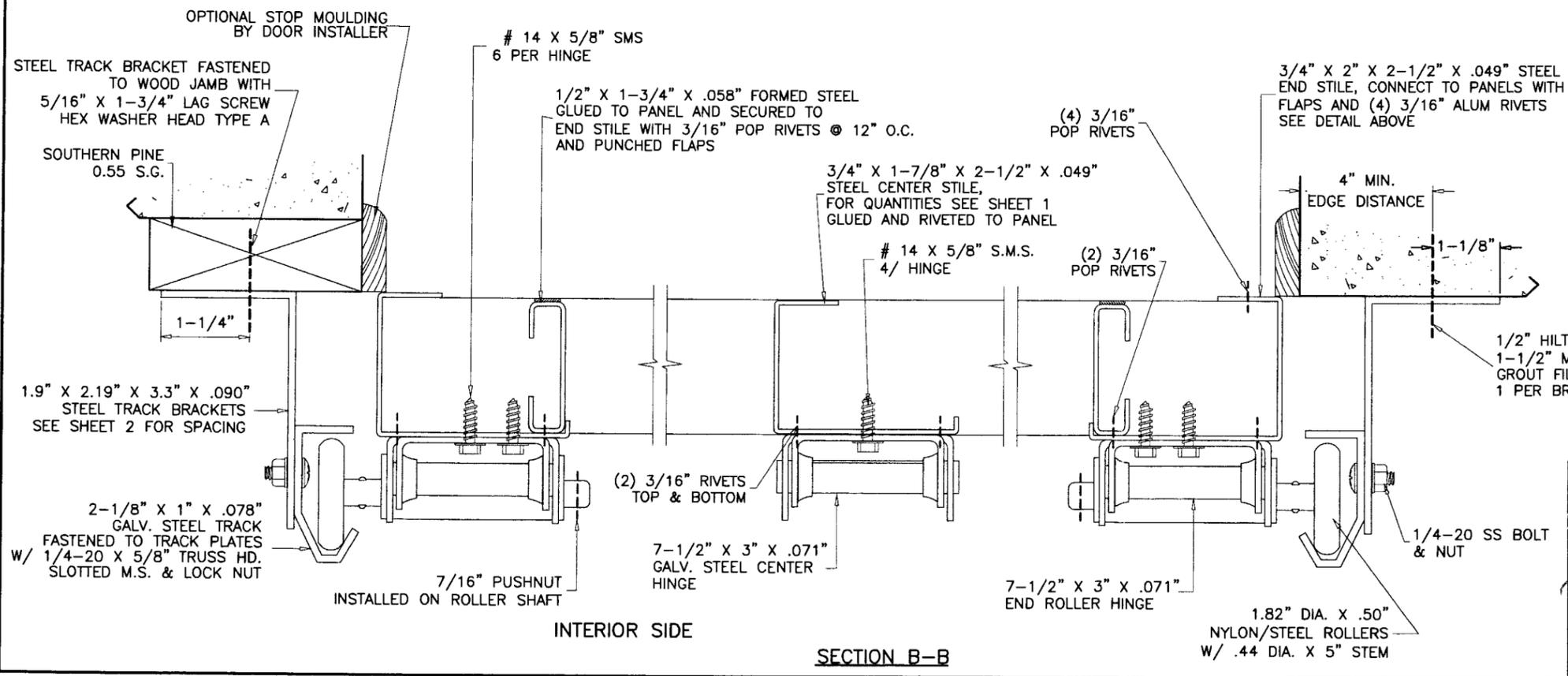
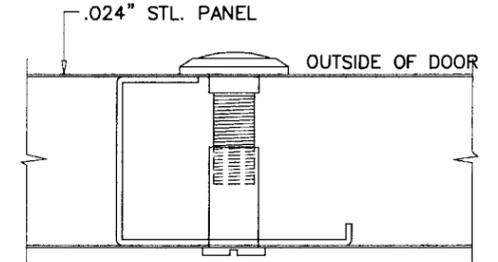
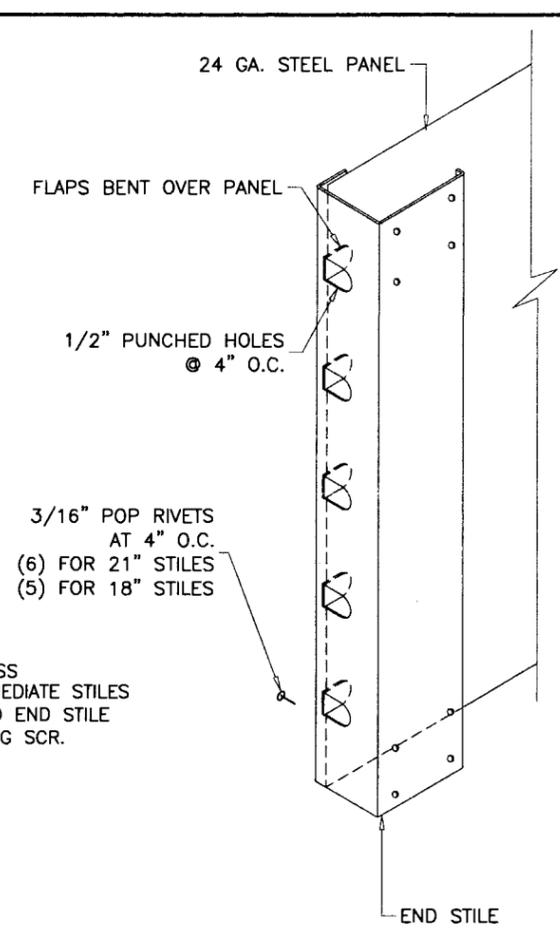
**1ST SECTION (BOTTOM)**  
REINFORCING TRUSS TWO AT BOTTOM PANEL



**INTERMEDIATE SECTIONS**  
REINFORCING TRUSS ONE AT EACH PANEL



**TOP SECTION**  
REINFORCING TRUSS ONE AT EACH PANEL



**SECTION B-B**  
INTERIOR SIDE

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

FEB 12 2007

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Date MAR 29, 2007  
NOAH 06-0817-07  
Miami Dade Product Control  
Division  
By Shaq I. Chanda

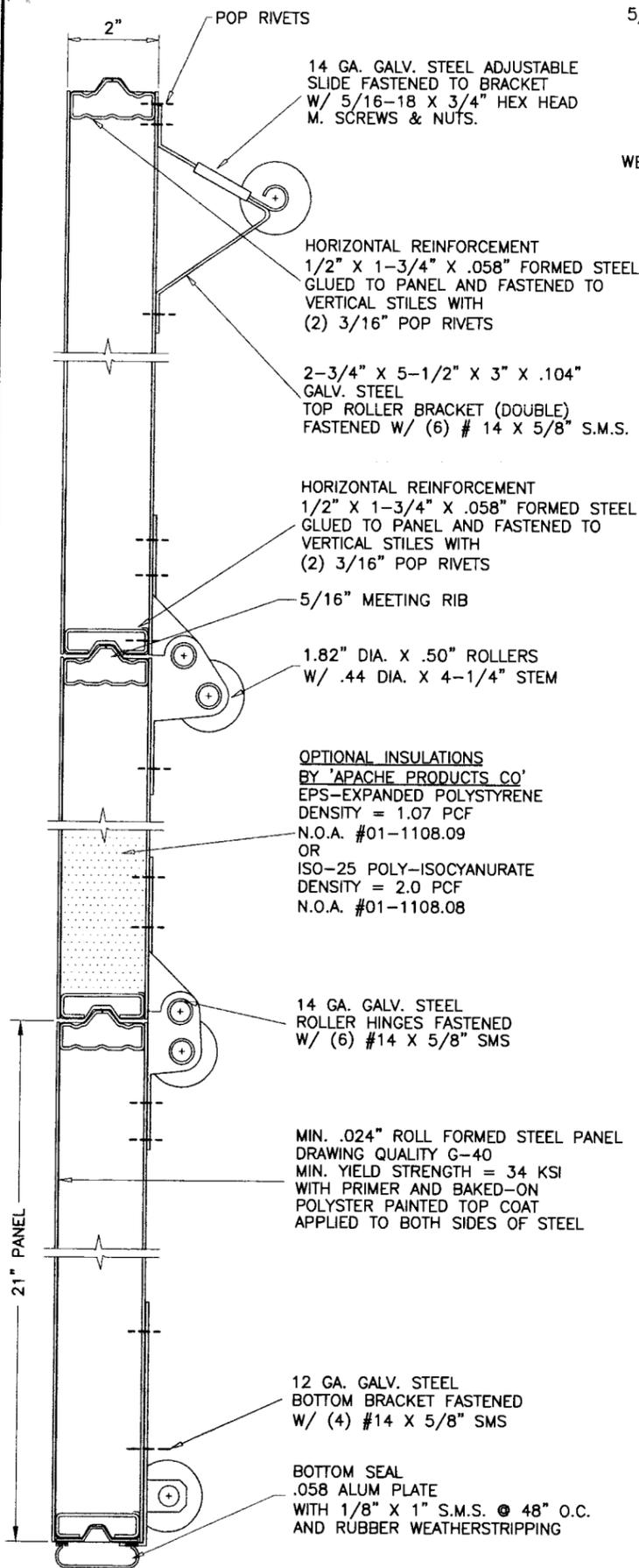
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
GARAGE\05-03DAB

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**DAB DOORS INC.**  
12195 N.W. 98 TH. AVE.  
HIALEAH GARDENS, FL. 33018  
TEL. (305) 556 - 6624

NO	DATE	DESCRIPTION	REV. PER	REVISION COMMENTS
A	11.02.06			

date: 05-16-05  
scale:  
dr. by: HAMID  
chk. by:

drawing no. **05-03**  
sheet 2 of 3



SECTION A-A  
SEE SHEET 2 FOR LOCATION OF REINFORCING TRUSSES

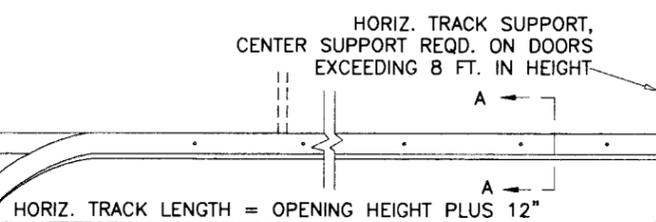
5/16" X 1-5/8" LAG SCREWS INTO WOOD OR 5/16" SLEEVE ANCHORS WITH 1-1/4" EMBED INTO MASONRY 3 PER BRACKET

2-1/2" X 4-1/4" X 13 GA. STEEL PLATES WELDED TO 1-1/2" X 1-1/2" X 14 GA. ANGLE FASTENED TO TRACK WITH (4) 1/4-20 SS. BOLT & NUTS

OPENING HEIGHT  
DOOR HEIGHT

B8  
B7  
B6  
B5  
B4  
B3  
B2  
B1

TRACK CONFIGURATION



2 X 2 X 1/8" HORIZ. ANGLE SPOT WELDED TO HORIZ. TRACK WITH TWO WELDS AT 1-1/2" APART FIRST AT 3" O.C. REST AT 9" O.C. CONNECTED TO FLAG BRACKET ANGLE W/ 3/8-16 X 3/4" BOLT & NUT AND TO SPRING SHAFT GUIDE WITH (2) 1/4-20 X 5/8" BOLT & NUT

VERTICAL TRACK 2-1/8" X 1" X .080"  
SECTION A-A

DOOR HEIGHT	* SECTION HEIGHTS					BRACKET PLACEMENTS							
	1ST	2ND	3RD	4TH	5TH	B1	B2	B3	B4	B5	B6	B7	B8
6'-0"	18"	18"	18"	18"	N/A	1"	11-3/4"	23"	34"	45"	56"	67"	-
6'-6"	21"	18"	18"	21"	N/A	1"	11-3/4"	23"	34"	45"	56"	67"	-
7'-0"	21"	21"	21"	21"	N/A	1"	11-3/4"	23"	34"	45"	56"	67"	78-1/4"
7'-6"	18"	18"	18"	18"	18"	1"	11-3/4"	23"	34"	45"	56"	67"	78-1/4"
8'-0"	21"	18"	18"	18"	21"	1"	11-3/4"	23"	34"	45"	56"	67"	78-1/4"

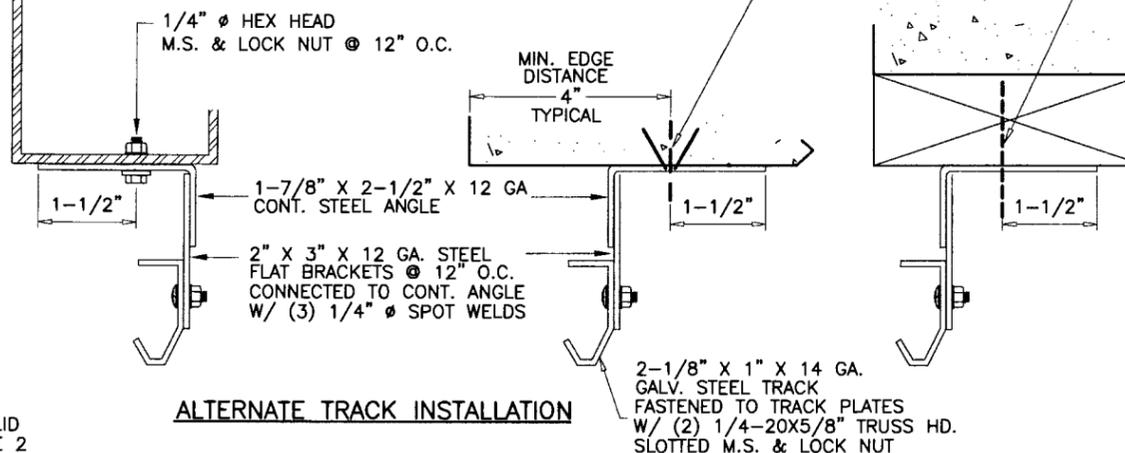
\*-SECTIONS ARE NUMBERED STARTING AT THE BOTTOM FOR DOORS MORE THAN 8 FT. HIGH, USE ADDITIONAL TOP BRACKETS AT 10" O.C.

2" X 3-1/2" X 12 GA. TRACK BRACKETS 2-3/16" HIGH CONNECTED TO TRACK WITH ONE 1/4" BOLTS & NUTS.

STEEL STRUCTURE BY OTHERS MUST SUPPORT THE LOADS IMPOSED BY DOOR SYSTEM

HILTI HLC SLEEVE ANCHOR SPACING			
ANCHOR	STRUCTURE	EMBED SPACING	
3/8"	CONC. BLOCK	1-1/4"	8-1/2"
	CONC.	1-1/4"	10"

CONC. = MIN. 3000 PSI



ALTERNATE TRACK INSTALLATION

**WOOD FRAME BUILDINGS**

STUD WALLS OR DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2X6 PRESSURE TREATED GRADE 2 OR BETTER WOOD STUDS. STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM.

**WOOD BUCK CONNECTION TO MASONRY**

TRACK SHALL BE SECURED WITH TRACK BRACKETS TO PRESSURE TREATED 2X6 WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH 1/4" DIA. TAPCONS BY 'ELCO' AT SPACING OF 4" O.C. MAX. WITH 1-1/4" MIN. EMBED INTO BLOCK WALL 9-1/2" O.C. MAX. WITH 1-3/4" MIN. EMBED INTO 3000 PSI CONCRETE.

THE BLOCK WALL CELLS SHALL BE GROUT FILLED AND REINFORCED WITH FOUR # 5 BARS EXTENDING INTO FOOTING AND INTO TIE BEAMS ALL BARS SHALL BE CONTINUOUS FROM TIE BEAMS TO FOOTING.

**PREPARATION OF JAMBS BY OTHERS**

Approved as complying with the Florida Building Code  
Date MARCH 29, 2007  
NOA# 06-0817-07  
Miami Dade Product Control Division  
By Ishag J. Chant

Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
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FEB 1 2 2007

**afC**  
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revisions:	no	date	by	description
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date: 05-16-05  
scale:  
dr. by: HAMID  
chk. by:

drawing no.  
**05-03**  
sheet 3 of 3