



**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) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**J.B. Garage Doors, Inc.**  
**12195 NW 98<sup>th</sup> Avenue**  
**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Models 720/724 16'-4" wide Steel Sectional Garage Door**

**APPROVAL DOCUMENT:** Drawing No. **08-08**, titled "Steel Overhead Garage Door", dated 06/26/08, with revision A dated 12/09/08, sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, 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 Resistant**

**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 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Signature*  
 1/12/09

**NOA No. 08-1107.03**  
**Expiration Date: February 4, 2014**  
**Approval Date: February 4, 2009**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **08-08**, titled "Steel Overhead Garage Door", dated 06/26/08, with revision A dated 12/09/08, sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a Series 724 24 GA Steel Sectional Commercial Garage Door, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. **HETI-08-2154A**, dated 07/25/08, signed and sealed by Candido F. Font, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of Series 724 24 GA Steel Sectional Commercial Garage Doors, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. **HETI-08-2154B**, dated 07/25/08, signed and sealed by Candido F. Font, P.E.
3. Test report on Tensile Test per ASTM E 8 of the above sectional garage door's skin, prepared by Hurricane Engineering & Testing, Inc, Test Report No. **HETI-08-T142**, dated 07/25/08, signed and sealed by Candido F. Font, P.E.
4. Test report on Salt Spray (Corrosion) Test per ASTM B 117 of a painted G-40 steel panels, prepared by Celotex Corporation, Test Report No. **258592**, dated 08/17/98, signed by W. A. Jackson, P.E.  
**"Submitted under NOA # 08-1106.05"**

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis prepared by Al-Farooq Corporation, complying with F.B.C 2004/2007, dated 10/23/08, signed and sealed by Humayoun Farooq, P.E.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 08-1107.03

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**D. QUALITY ASSURANCE**

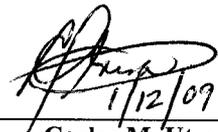
1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **07-1016.07**, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, approved on 11/29/07 and expiring on 11/29/12.
2. Notice of Acceptance No. **07-1107.08**, issued to Dyplast Products, LLC, for their Expanded Polystyrene Block Type Insulation, approved on 04/26/07 and expiring on 08/27/08.

**F. STATEMENTS**

1. Statement letter of code conformance issued by Al-Farooq Corporation, dated 09/30/08, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest issued by Al-Farooq Corporation, dated 09/30/08, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory code compliance statements issued by Hurricane Engineering & Testing, Inc, for Test Reports No. **HETI-08-2154A** and **B**, dated 07/25/08, signed and sealed by Candido F. Font, P.E.



1/12/09

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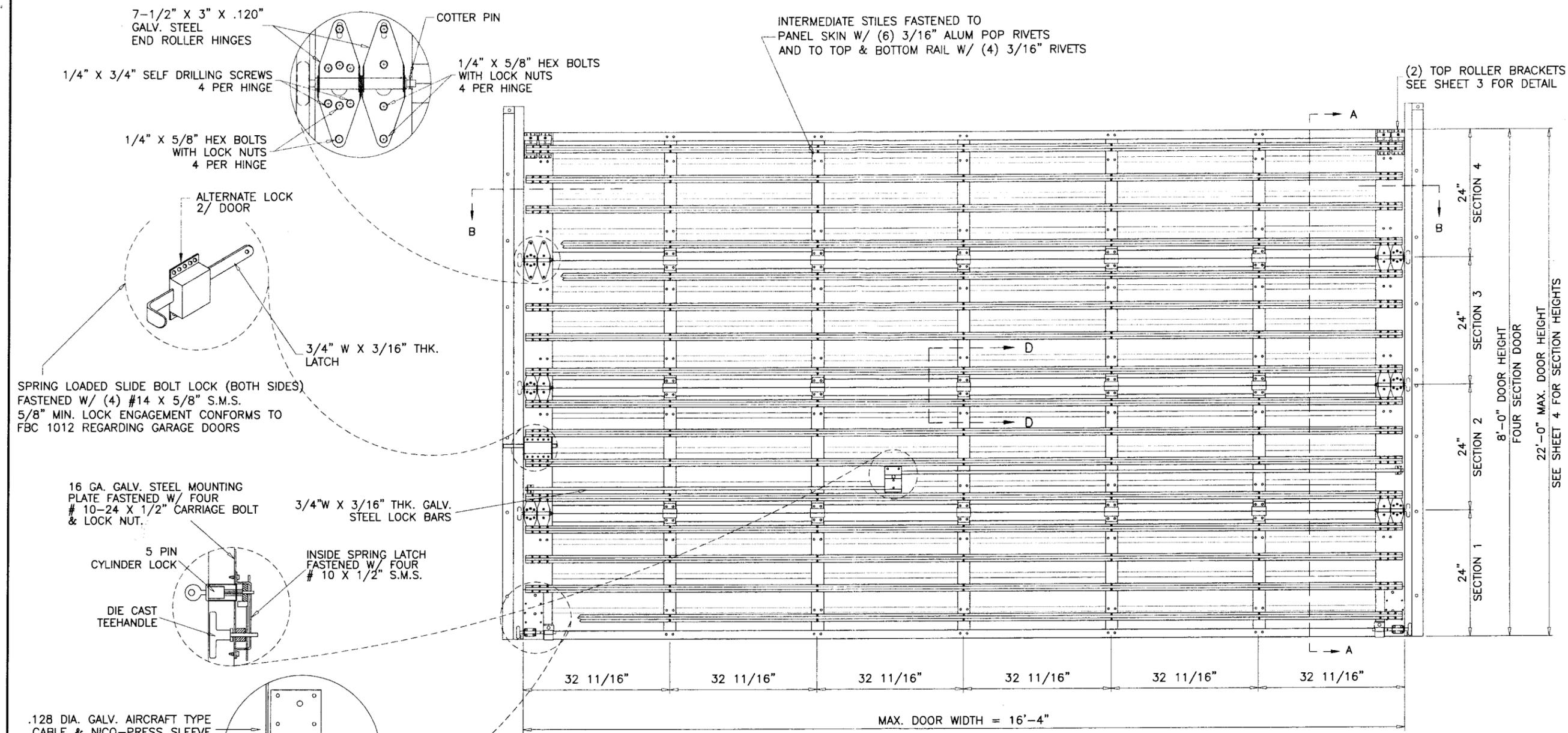
Carlos M. Utrera, P.E.  
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revisions:

no	date	by	description
A	12.09.08		REV. PER BCCO COMMENTS

date:	06-26-08
scale:	NONE
dr. by:	HAMID
chk. by:	
drawing no.	08-08
sheet 1 of	4



**INSIDE ELEVATION**

J.B. DOOR MODELS: 16'-4"W X 22'H MAX

MODEL	DESCRIPTION
724	24 GA. ROLL FORMED STEEL DOOR
720	20 GA. ROLL FORMED STEEL DOOR

NOTE: MODEL 724 TESTED.

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

MAXIMUM DESIGN LOAD RATING = + 87.0 PSF  
 (FOR SIZES SHOWN OR SMALLER) - 90.0 PSF

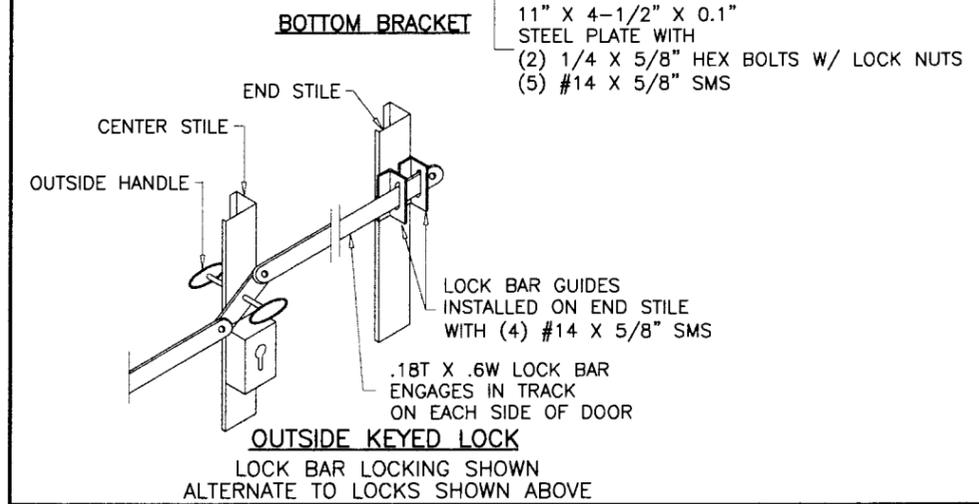
**GENERAL NOTES**

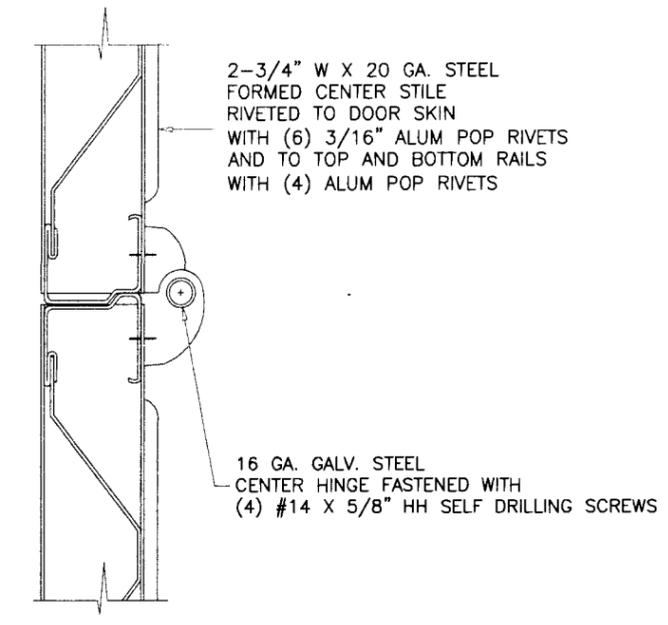
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
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.

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

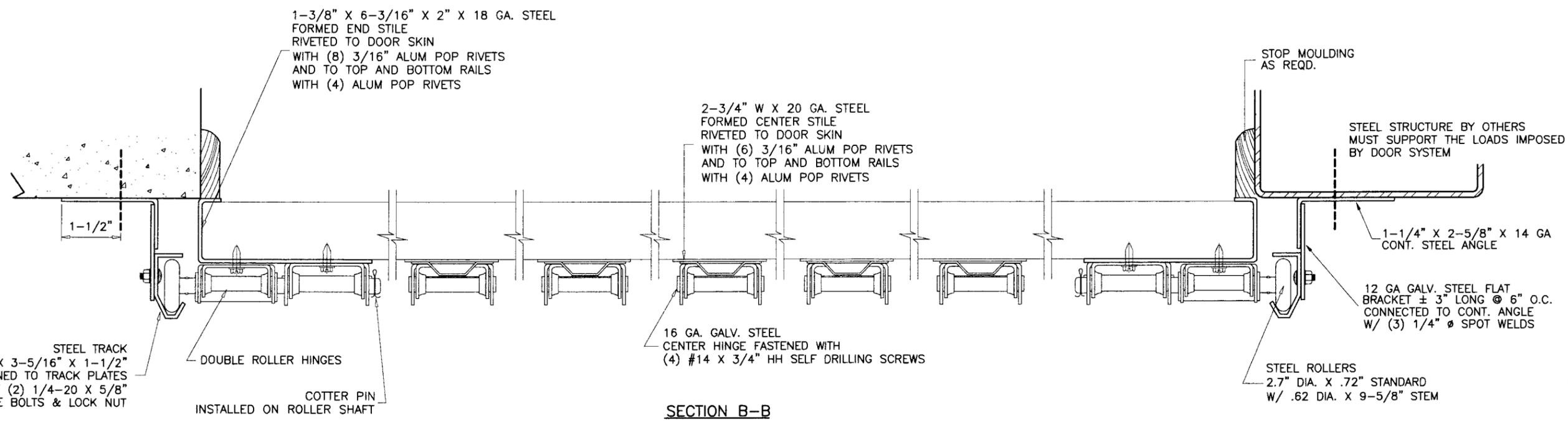
DEC 11 2008

Approved as complying with the Florida Building Code  
 Date: 02/04/2009  
 NOA: 08-1107.03  
 Miami Dade Product Control Division





**SECTION D-D**



**SECTION B-B**

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 DEC 11 2008

Approved as complying with the  
 Florida Building Code  
 Date 02/04/2009  
 NCAS 08-1107.03  
 Miami Date Printing Council  
 Division  
 By *[Signature]*

STEEL OVERHEAD GARAGE DOOR  
**J.B. GARAGE DOORS INC.**  
 12195 N.W. 98 TH. AVE.  
 HIALEAH GARDENS, FL. 33016  
 TEL. (305) 558 - 1658

revisions:	no	date	by	description
	A	12.09.08		REV. PER BCCO COMMENTS

date: 06-26-08  
 scale: NONE  
 dr. by: HAMID  
 chk. by:  
 drawing no.  
**08-08**  
 sheet 2 of 4

1-3/4" X 2" X 20 GA. TOP RAIL RIVETED TO DOOR SKIN W/ 3/16" ALUM POP RIVETS AT 2" & 20" FROM EACH END AND 42" O.C. TYPICAL SPACING

3/4" X 2" X .050" THICK ALUM STIFFENER GLUED TO TOP RAIL AND RIVETED TO VERTICAL STILES W/ (2) 3/16" ALUM POP RIVETS AT TOP AND BOTTOM OF EACH SECTION

20 GA. ROLL FORMED STEEL BOTTOM RAIL

PANELS FASTENED TO HORIZ. RAILS WITH 3/16" ALUMINUM POP RIVETS AT 2" & 16" FROM EACH END AND 28" O.C. TYPICAL SPACING

OPTIONAL DOOR SKIN FOR DOORS WITH INSULATION ONLY MIN. 24 GA ROLL FORMED STEEL ASTM 653. SQ QUALITY, GRADE 50 MIN. YIELD STRENGTH = 50 KSI GALVANIZED ACCORDING TO ASTM A525 WITH A COATING DESIGNATION OF G90. EXTERIOR AND INTERIOR.

14 GA. GALV. STEEL ADJUSTABLE SLIDE FASTENED TO BRACKET W/ (2) 5/16-18 X 3/4" HEX BOLTS WITH LOCK NUTS

12 GA. GALV. STEEL TOP ROLLER BRACKET (DOUBLE) FASTENED W/ (6) 1/4 X 5/8" HEX BOLTS WITH LOCK NUTS

3/16" Ø ALUMINUM POP RIVETS @ PANEL & VERT. STILES

OPTIONAL INSULATIONS BY 'DYPLAST PRODUCTS LLC' EPS-EXPANDED POLYSTYRENE DENSITY = 1.05 PCF N.O.A. #07-1107.08 OR BY 'INSULFOAM LLC' DENSITY = 0.92 PCF N.O.A. #07-1016.07

11 GA. GALV. STEEL ROLLER HINGES FASTENED W/ (4) 1/4-20 X 5/8" HEX HEAD M.S. & LOCK NUTS

TWO PIECES DOUBLE PANELS MIN. 24 GA ROLL FORMED STEEL ASTM 653. SQ QUALITY, GRADE 50 MIN. YIELD STRENGTH = 50 KSI GALVANIZED ACCORDING TO ASTM A525 WITH A COATING DESIGNATION OF G90. EXTERIOR AND INTERIOR.

3/4" X 2" X .050" THICK ALUM STIFFENER GLUED TO TOP RAIL AND RIVETED TO VERTICAL STILES WITH (2) 3/16" ALUM POP RIVETS

7/8" VINYL GASKET BETWEEN BOTTOM RAIL AND PANEL SKIN

1-3/4" X 2" X 20 GA. BOTTOM RAIL RIVETED TO DOOR SKIN W/ 3/16" ALUM POP RIVETS AT 2" & 16" FROM EACH END AND 28" O.C. TYPICAL SPACING

11 GA. GALV. STEEL BOTTOM BRACKET FASTENED WITH (2) 1/4 X 5/8" HEX BOLTS W/ LOCK NUTS (5) #14 X 5/8" SMS

REINFORCING TRUSS AT 2" FROM TOP OF SECTION 16 GA. X 2-1/4" X 2" GALV. STEEL U.BAR FASTENED TO INTERMEDIATE VERTICAL STILES W/ TWO #14 X 3/4" TEKS AND TO END STILES WITH SIX #14 X 3/4" TEKS TYPICAL

REINFORCING TRUSS AT ±2" FROM BOTTOM OF SECTION

BOTTOM SEAL .058 ALUM PLATE WITH 1/8" X 1" S.M.S. @ 48" O.C. AND TUBULAR RUBBER W'STRIPPING

**1ST SECTION (BOTTOM)**

REINFORCING

**ALL INTERMEDIATE SECTIONS**

REINFORCING

**TOP SECTION**

REINFORCING

REINFORCING TRUSS AT ±1" FROM BOTTOM OF SECTION

**SECTION A-A**

SEE SECTIONS AT RIGHT FOR LOCATION OF REINFORCING TRUSSES



**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

STEEL OVERHEAD GARAGE DOOR  
**J.B. GARAGE DOORS INC.**  
12195 N.W. 98 TH. AVE.  
HIALEAH GARDENS, FL. 33016  
TEL. (305) 558 - 1658

no	date	description
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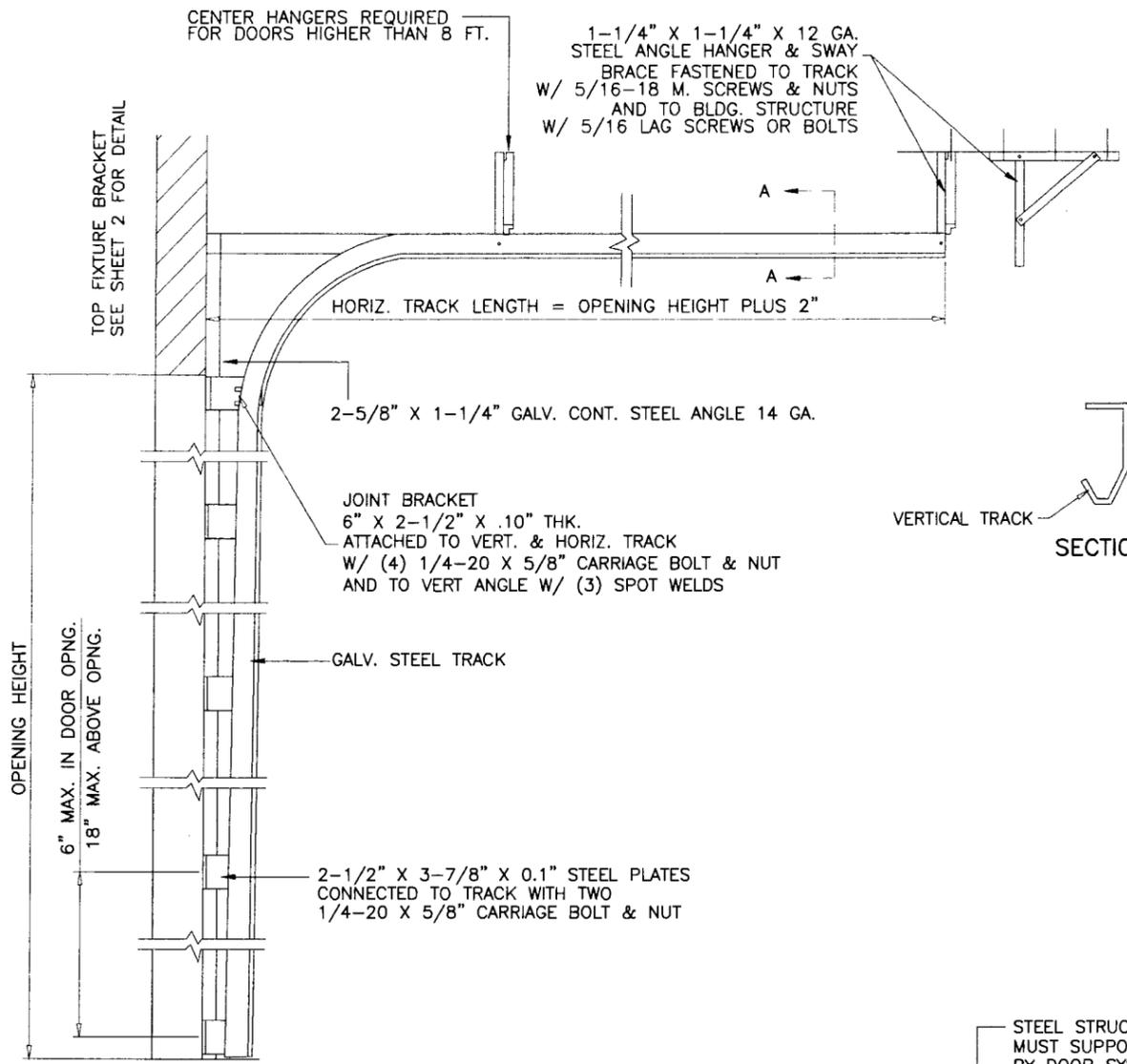
Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

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MO# 07-1107.03  
Miami Dept. Permit Control  
By: [Signature]

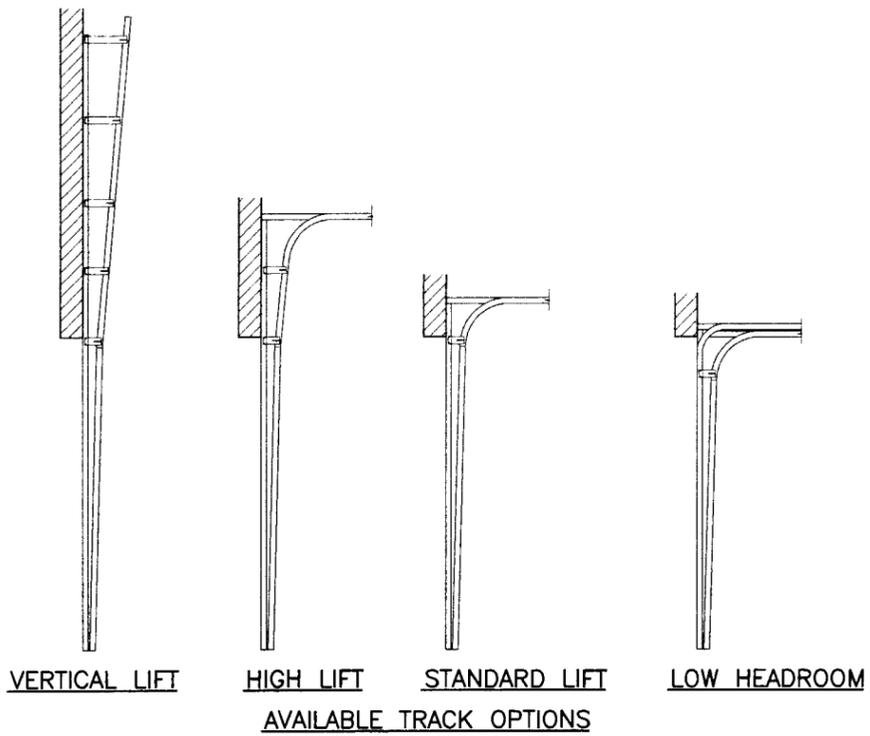
drawing no. 08-08  
sheet 3 of 4

GARAGE\08-08JB



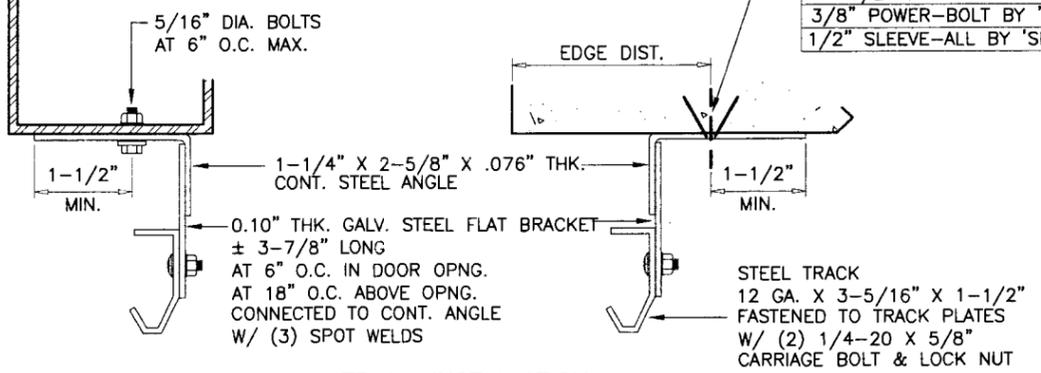
2 X 2 X 1/8" HORIZ. ANGLE SPOT WELDED TO HORIZ. TRACK AT 2-5/8" IN. O.C.

SECTION A-A



DOOR TRACK AS VIEWED FROM CENTER OF OPENING

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



ANCHOR SPACING				
ANCHORS	STRUCTURE	EMBED	SPACING	EDGE DIST.
1/2" HLC SLEEVE BY 'HILTI'	CONC.	1-1/2"	6"	2-1/4"
1/2" DYNABOLT BY 'ITW'	CONC.	1-7/8"	6"	4"
3/8" POWER-BOLT BY 'POWERS'	CONC.	2"	6"	2-1/2"
1/2" SLEEVE-ALL BY 'SIMPSONS'	CONC.	2-1/4"	6"	4-1/2"

CONCRETE f'c = 3000 PSI MIN.

TRACK INSTALLATION

DOOR HEIGHT	NO. OF TRUSSES	SECTION HEIGHTS *													
		1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH	11TH			
7'-0"	16	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8'-0"	16	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9'-0"	20	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10'-0"	20	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11'-0"	24	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12'-0"	24	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13'-0"	28	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14'-0"	28	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15'-0"	32	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A
16'-0"	32	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A
17'-0"	36	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A
18'-0"	36	24"	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A
19'-0"	40	24"	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A
20'-0"	40	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A
21'-0"	44	24"	24"	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A
22'-0"	44	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A

\*-SECTIONS ARE NUMBERED STARTING AT THE BOTTOM

Engr: DR. HUMAYOUN FARCOQ  
STRUCTURES  
FLA. P.E. # 16557  
C.A.N. 3538

DEC 11 2008

Approved as complying with the Florida Building Code  
Date: 02/04/2009  
NOA: 02-1107.03  
Miami Dade Product Control  
by: [Signature]

**af c**  
**AL-FAROOQ CORPORATION**  
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1235 S.W. 87 AVE  
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GARAGE\08-08JB

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sheet 4 of 4