



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

JB Garage Door, Inc.
12195 NW 98th 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 724/720 Steel Sectional Garage Door (18'-2" Wide x 22' High)

APPROVAL DOCUMENT: Drawing No. 99-03, titled "Steel Overhead Garage Door", dated 02/01/99, with last revision C dated 01/23/09, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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

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 revises NOA # 06-0503.01 and 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.**



Utrera
 10/14/09

NOA No. 09-0218.11
 Expiration Date: July 22, 2012
 Approval Date: November 04, 2009
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **99-03**, titled "Steel Overhead Garage Door", dated 02/01/99, with last revision C dated 01/23/09, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test report of large missile impact test and cyclic wind pressure test on Sectional Commercial Door, prepared by Hurricane Engineering & Testing, Inc., Report No. **HETI 98-770**, dated 12/10/98, signed and sealed by H. M. Medina, P.E.
2. Test report of uniform static air pressure test and forced entry resistance test on Sectional Commercial Door, prepared by Hurricane Engineering & Testing, Inc., Report No. **HETI 98-763**, dated 11/19/98, signed and sealed by H. M. Medina, P.E. *"Submitted under NOA # 05-0915.07"*

C. CALCULATIONS

1. Anchoring verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 01/21/09, signed and sealed by Humayoun Farooq, P.E.

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.
3. Notice of Acceptance No. **07-0301.10**, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, approved on 06/07/07 and expiring on 01/11/12.



10/14/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-0218.11
Expiration Date: July 22, 2012
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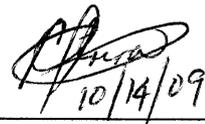
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of code conformance issued by Al-Farooq Corporation, dated 01/08/09, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest issued by Al-Farooq Corporation, dated 01/08/09, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Notice of Acceptance No. **06-0503.01**, issued to JB Garage Door, Inc, approved on 06/22/06 and expiring on 07/22/12.



10/14/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-0218.11
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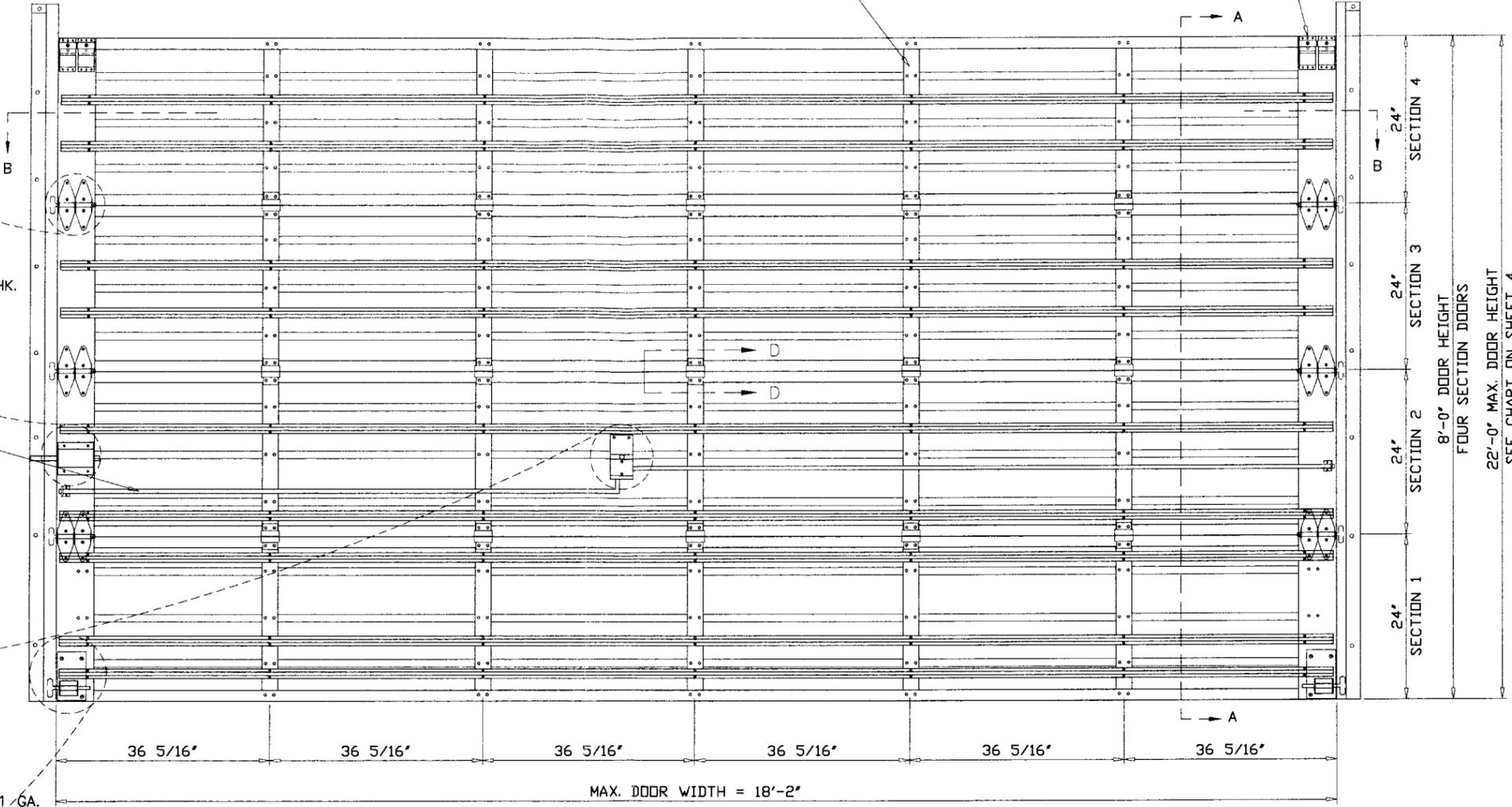
no.	date	by	description
A	4.30.99	H	GENERAL REVISION
B	8.09.05	H	UPDATED FOR 2004 FBC
C	01.23.09	H	UPDATED FOR 2007 FBC

date: 02-01-99	scale: NONE	dr. by: HAMID	chk. by:
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DOOR WIDTH	NO. OF STILES
12'-3" TO 16'-11"	(4) CENTER STILES
17'-0" TO 18'-2"	(5) CENTER STILES

INTERMEDIATE STILES FASTENED TO
 PANEL SKIN W/ (6) 3/16" ALUM RIVETS
 AND TO TOP & BOTTOM RAIL W/ (4) 3/16" RIVETS

(2) TOP ROLLER BRACKETS
 SEE SHEET 3 FOR DETAIL



INSIDE ELEVATION

MAX. DOOR WIDTH = 18'-2"

J.B. DOOR MODELS: 18'-2"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 = + 50.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 60.0 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.

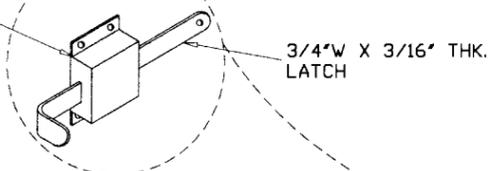
Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]
 FEB 03 2009

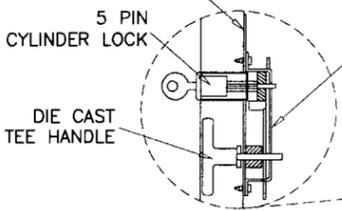
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0218.11
 Expiration Date 07/24/2012
 By *[Signature]*
 Miami Dade Product Control
 Division



SPRING LOADED SLIDE BOLT LOCK (BOTH SIDES)
 FASTENED W/ (4) 1/4-20 X 1/2"
 M.S. & LOCK NUT
 5/8" MIN. LOCK ENGAGEMENT CONFORMS TO
 FBC 1012 REGARDING GARAGE DOORS

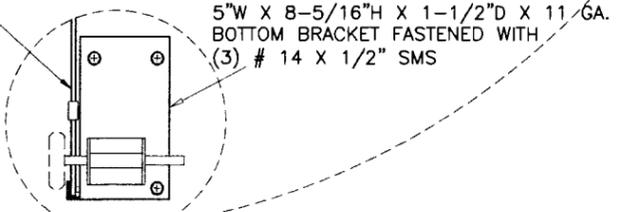


16 GA. GALV. STEEL MOUNTING
 PLATE FASTENED W/ FOUR
 # 10-24 X 1/2" CARRIAGE BOLT
 & LOCK NUT.



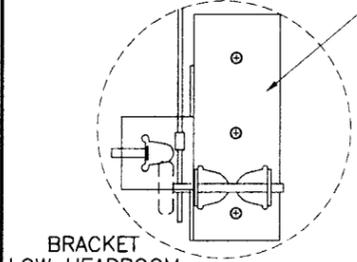
INSIDE SPRING LATCH
 FASTENED W/ FOUR
 #10 X 1/2" S.M.S.

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



BRACKET
 STD. LIFT DOOR

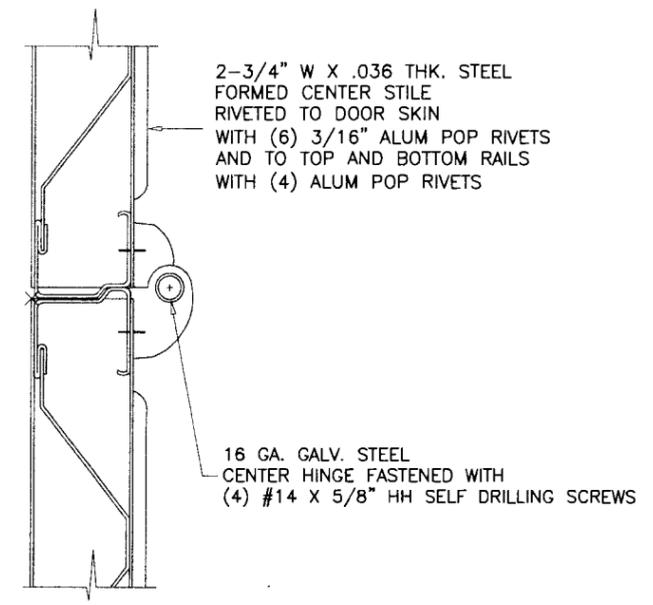
7-7/8" X 3-1/8" X .010"
 STEEL PLATE
 WITH (4) #14 X 3/4" SDS



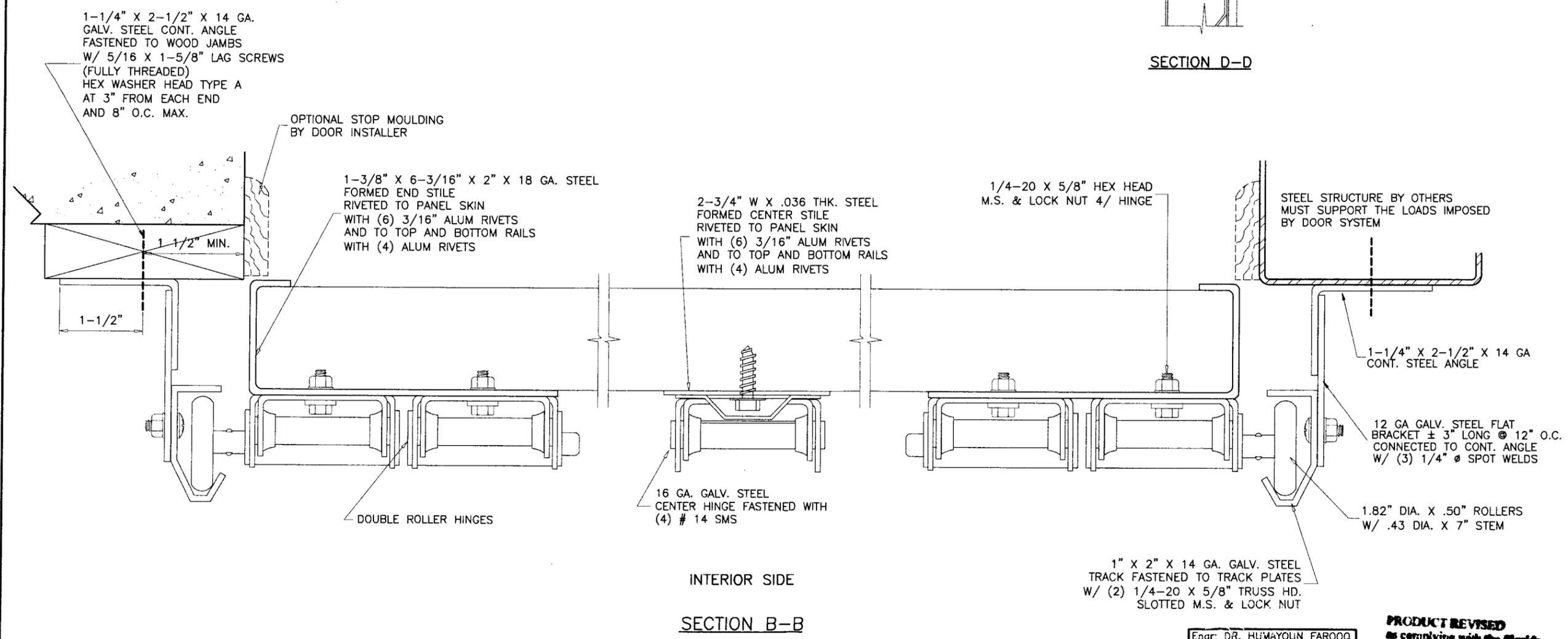
BRACKET
 LOW HEADROOM
 DOOR OPTION

no	date	description
B	8.09.05	H SHEET ADDED
C	01.23.09	UPDATED FOR 2007 FBC

date:	02-01-99
scale:	NONE
dr. by:	HAMID
chk. by:	



SECTION D-D

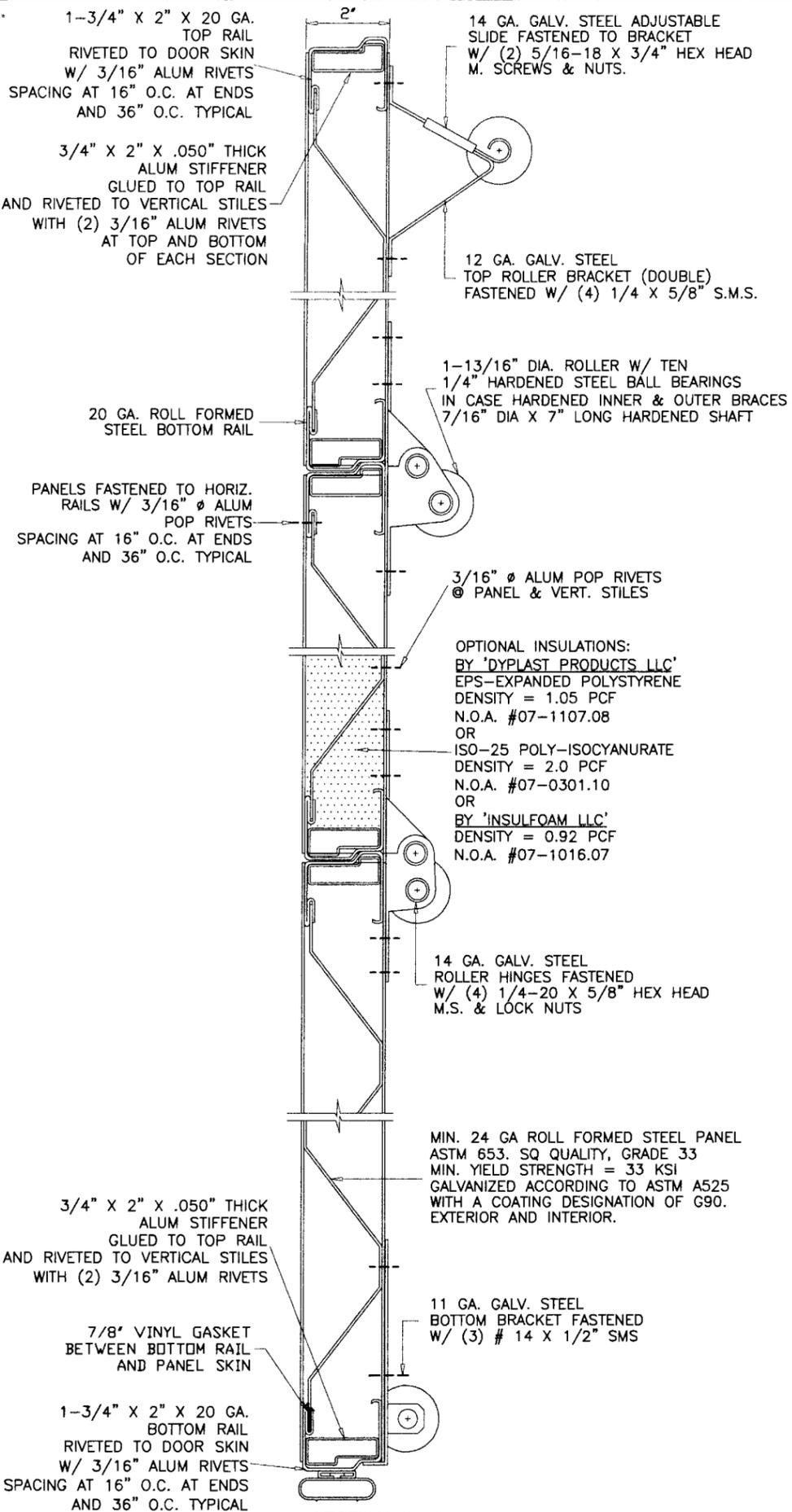


INTERIOR SIDE
SECTION B-B

FOR CONNECTION OF WOOD BUCK TO MASONRY SEE NOTE ON SHEET 5
 FOR CONNECTION DIRECTLY TO CONCRETE SEE ALTERNATE DETAIL SHEET 5
 CONNECTION TO METAL BUILDING TO BE ENGINEERED ON JOB TO JOB BASIS.

Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 FEB 02 2009

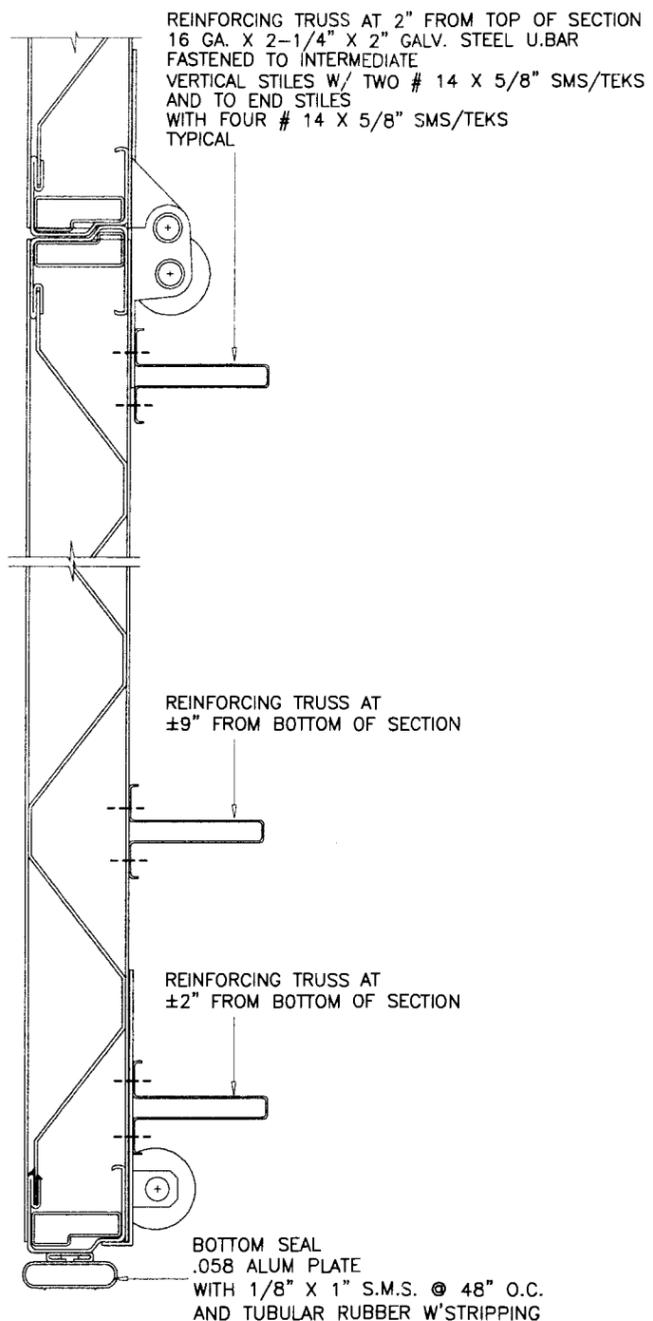
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 09-0218.11
 Expiration Date 07/22/2012
 By: *[Signature]*
 Miami Trade Product Control Division



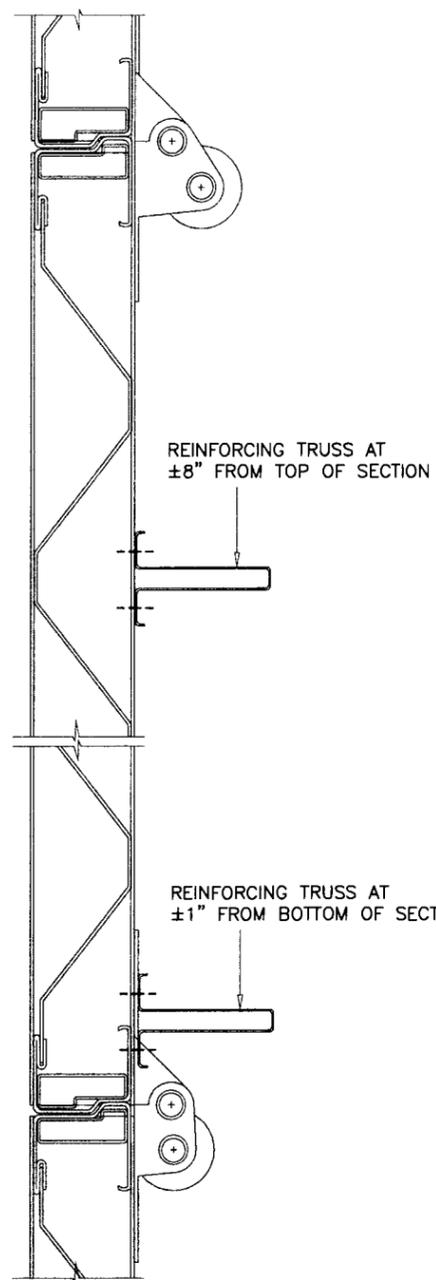
SECTION A-A

SEE SECTIONS AT RIGHT FOR LOCATION OF REINFORCING TRUSSES

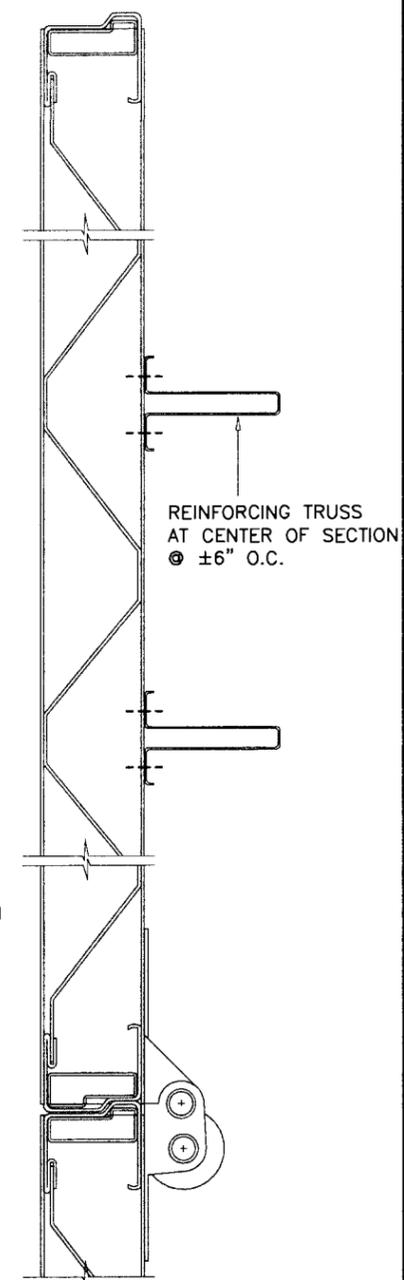
TWO (2) REINFORCING TRUSSES PER SECTION EXCEPT THREE (3) ON THE BOTTOM SECTION



1ST SECTION (BOTTOM)
REINFORCING



2ND SECTION (BOTTOM)
REINFORCING



ALL TOP SECTIONS
REINFORCING

Engr. DR. HUMAYOUN FAROOQ
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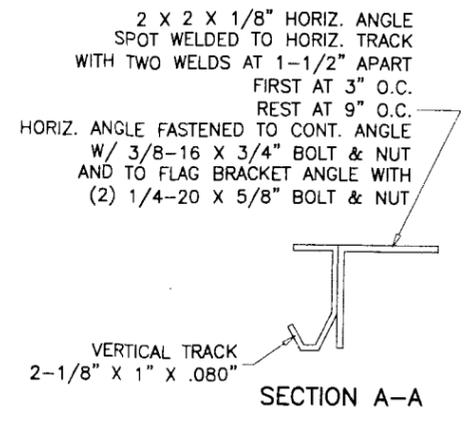
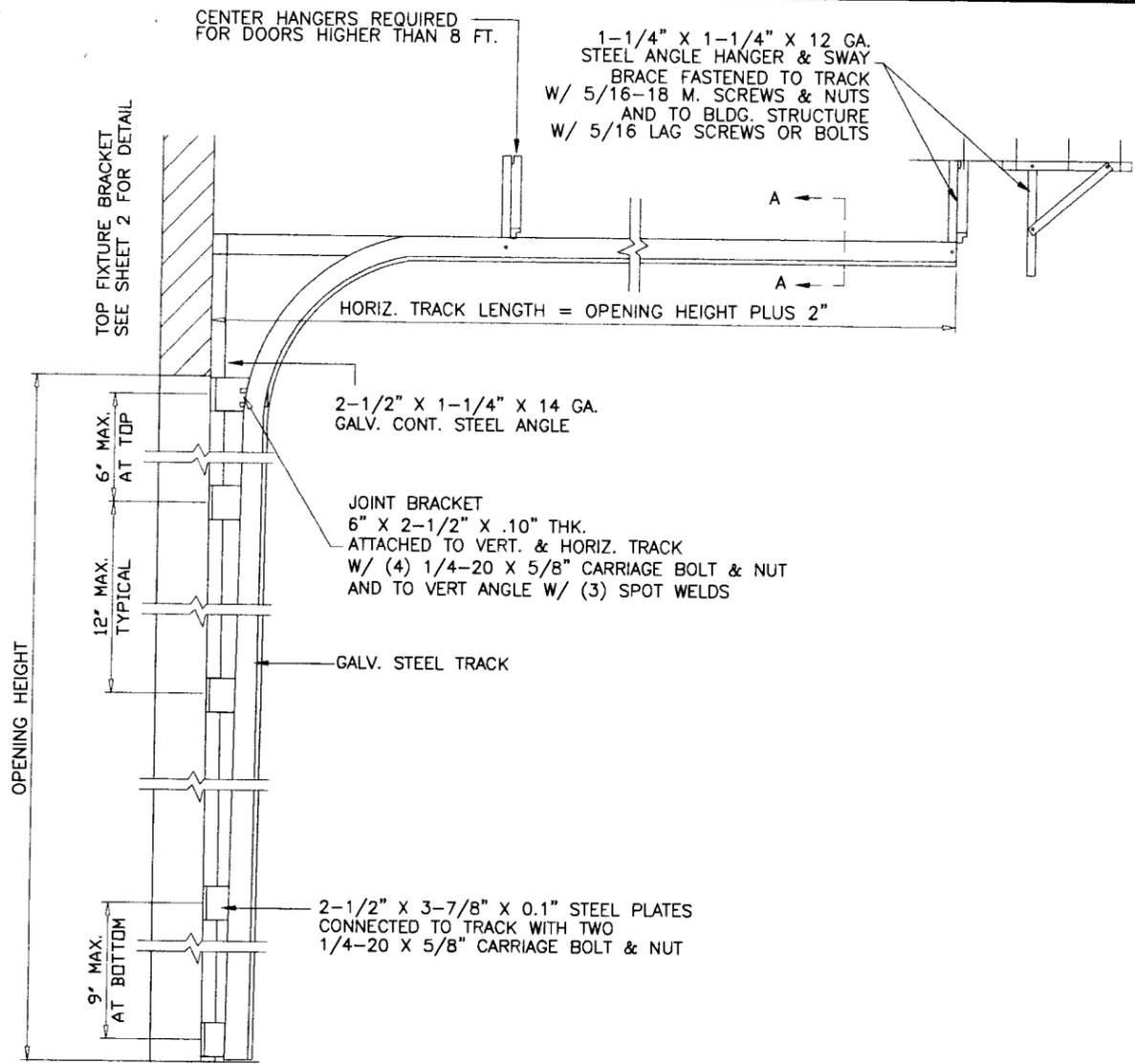
afC
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 GARAGE/99-03JB

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

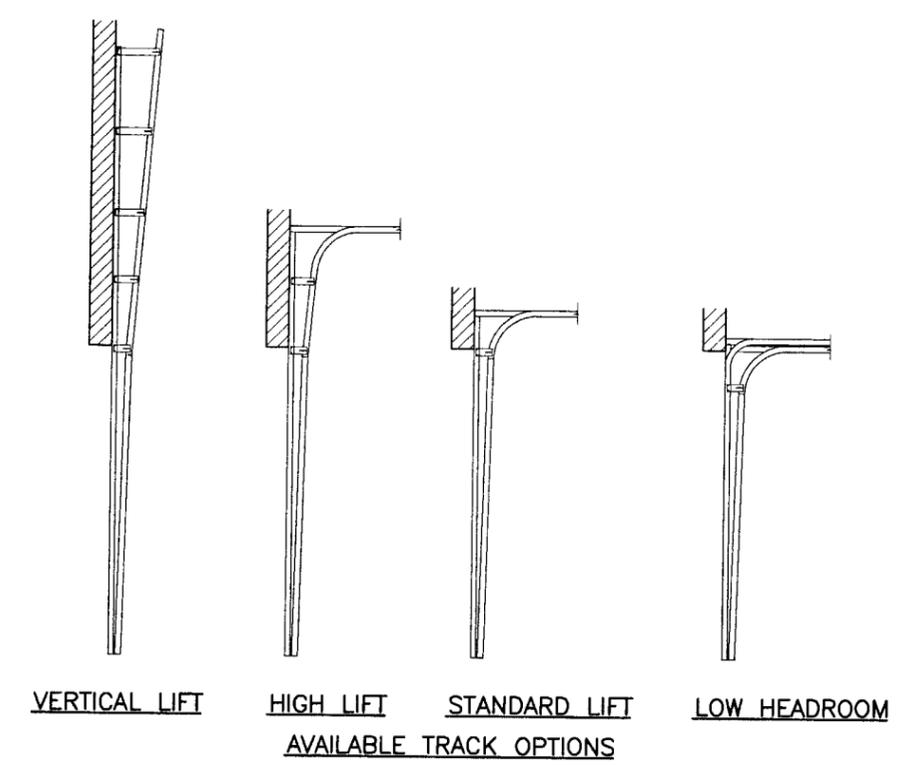
revisions:	no	date	by	description
	B	8.09.05	H	NOA NO. REV. UPDATED FOR 2007 FBC
	C	01.23.09		

date: 02-01-99
 scale: NONE
 dr. by: HAMID
 chk. by:

drawing no.
99-03
 sheet 3 of 5



DOOR TRACK AS VIEWED FROM CENTER OF OPENING



DOOR HEIGHT	NO. OF TRUSSES	SECTION HEIGHTS *												
		1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH	11TH		
7'-0"	9	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8'-0"	9	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9'-0"	11	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10'-0"	11	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11'-0"	13	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12'-0"	13	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13'-0"	15	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A	N/A
14'-0"	15	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A	N/A
15'-0"	17	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A	N/A
16'-0"	17	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A	N/A
17'-0"	19	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A	N/A
18'-0"	19	24"	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A	N/A
19'-0"	21	24"	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A	N/A
20'-0"	21	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	N/A	N/A	N/A
21'-0"	23	24"	24"	24"	24"	24"	24"	24"	21"	21"	21"	21"	N/A	N/A
22'-0"	23	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"

*-SECTIONS ARE NUMBERED STARTING AT THE BOTTOM

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

FEB 03 2009

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By *[Signature]*
Miami Dade Product Control
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a f c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-6978
GARAGE\99-03JB

STEEL OVERHEAD GARAGE DOOR

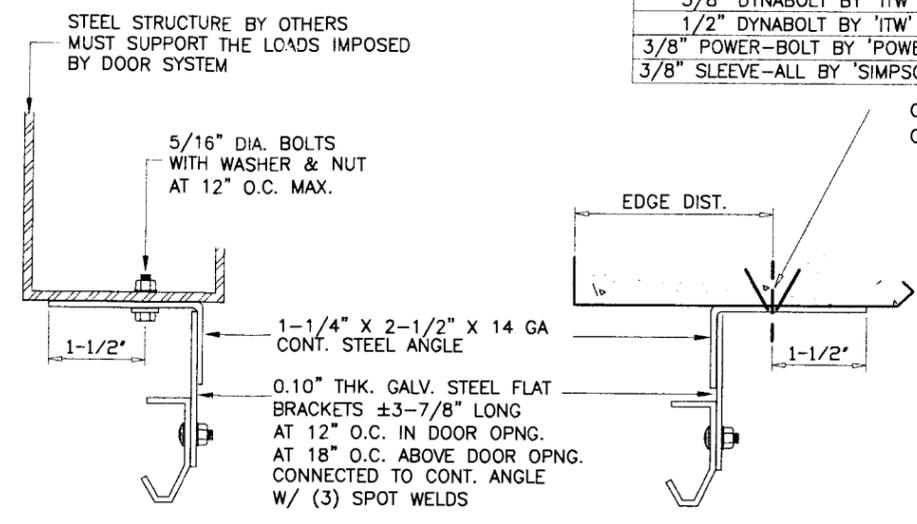
J.B. GARAGE DOORS INC.
12195 N.W. 98 TH. AVE.
HIALEAH GARDENS, FL. 33016
TEL. (305) 558 - 1658

revisions:	no	date	by	description
	B	8.09.05	H	ANCHOR SPACING REV.
	C	01.23.09		UPDATED FOR 2007 FBC

date:	02-01-99
scale:	NONE
dr. by:	HAMID
chk. by:	

drawing no.	99-03
sheet	4 of 5

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



CONCRETE f'c = 3000 PSI MIN.
 C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.

TRACK INSTALLATION

WOOD FRAME BUILDINGS

STUD WALLS OR DOOR OPENING (NOT BY J.B. DOORS) SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2X6 PRESSURE TREATED GRADE 2 SYP OR BETTER WOOD STUDS.
 STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM. ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE SUPPORTING STRUCTURE.

WOOD BUCK CONNECTION TO MASONRY

TRACK SHALL BE SECURED WITH CONT. STEEL ANGLE TO PRESSURE TREATED 2X6 SYP WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH

1/4" ULTRACON BY 'ELCO' WITH SPACING OF 8" O.C. INTO BLOCK WALL, WITH 2-1/4" MIN. EMBED
 7" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED
 2-1/2" MIN. EDGE DISTANCE

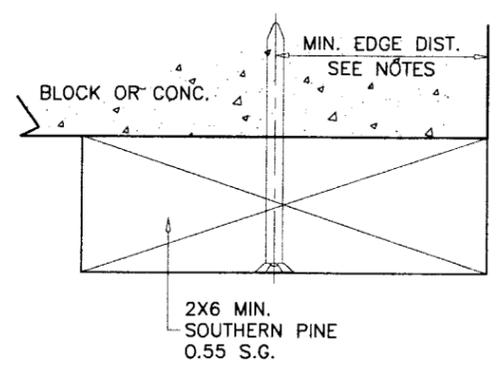
1/4" TAPPER BY 'POWERS' WITH SPACING OF 5" O.C. INTO BLOCK WALL, WITH 1-1/2" MIN. EMBED
 5" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED
 3" MIN. EDGE DISTANCE

3/8" CONFLX BY 'ELCO' OR 3/8" LDT BY 'ITW' WITH SPACING OF 12" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED
 3" MIN. EDGE DISTANCE

3/8" HLC SLEEVE BY 'HILTI' WITH SPACING OF 7" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND 2-1/2" MIN. EDGE DISTANCE

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



Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 F.L.A. PE # 16557
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 sheet 5 of 5