



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.maimidade.gov/buildingcode

Advanced Garage Door Corporation
 9422 N.W. 109 Street
 Medley, FL 33178

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: Model "2006" Adv. Steel Overhead Sectional Garage Door.

APPROVAL DOCUMENT: Drawing No. **07-21**, titled "Sectional Residential Garage Door", sheets 1 through 4 of 4, dated 10/31/07, 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
 10/2/08

NOA No. 08-0415.03
 Expiration Date: October 23, 2013
 Approval Date: October 23, 2008
 Page 1

Advanced Garage Door Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **07-21**, titled "Sectional Residential Garage Door", sheets 1 through 4 of 4, dated 10/31/07, 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 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4283**, dated 09/26/07, 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 203-9
along with marked-up drawings and installation diagram of 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4284**, dated 09/26/07, signed and sealed by Candido F. Font, P.E.
3. Tensile Test per ASTM E-8 of a 24 GA (0.025") thick Steel Skin, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-T752**, dated 09/29/07, signed and sealed by Candido F. Font, P.E.
4. Salt Spray Test per ASTM B117 for 1000 hrs of painted G-40 panels, prepared by Q.C. Metallurgical, Inc., Test Report No. **8EM-557**, dated 07/14/08, signed and sealed by Frank E. Grate, Jr., P.E.

C. CALCULATIONS

1. Anchor verification calculations, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 03/12/08, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

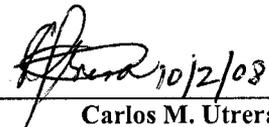
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance, issued by Al-Farooq Corporation, dated 03/12/08, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, issued by Al-Farooq Corporation, dated 03/12/08, signed and sealed by Humayoun Farooq, P.E.

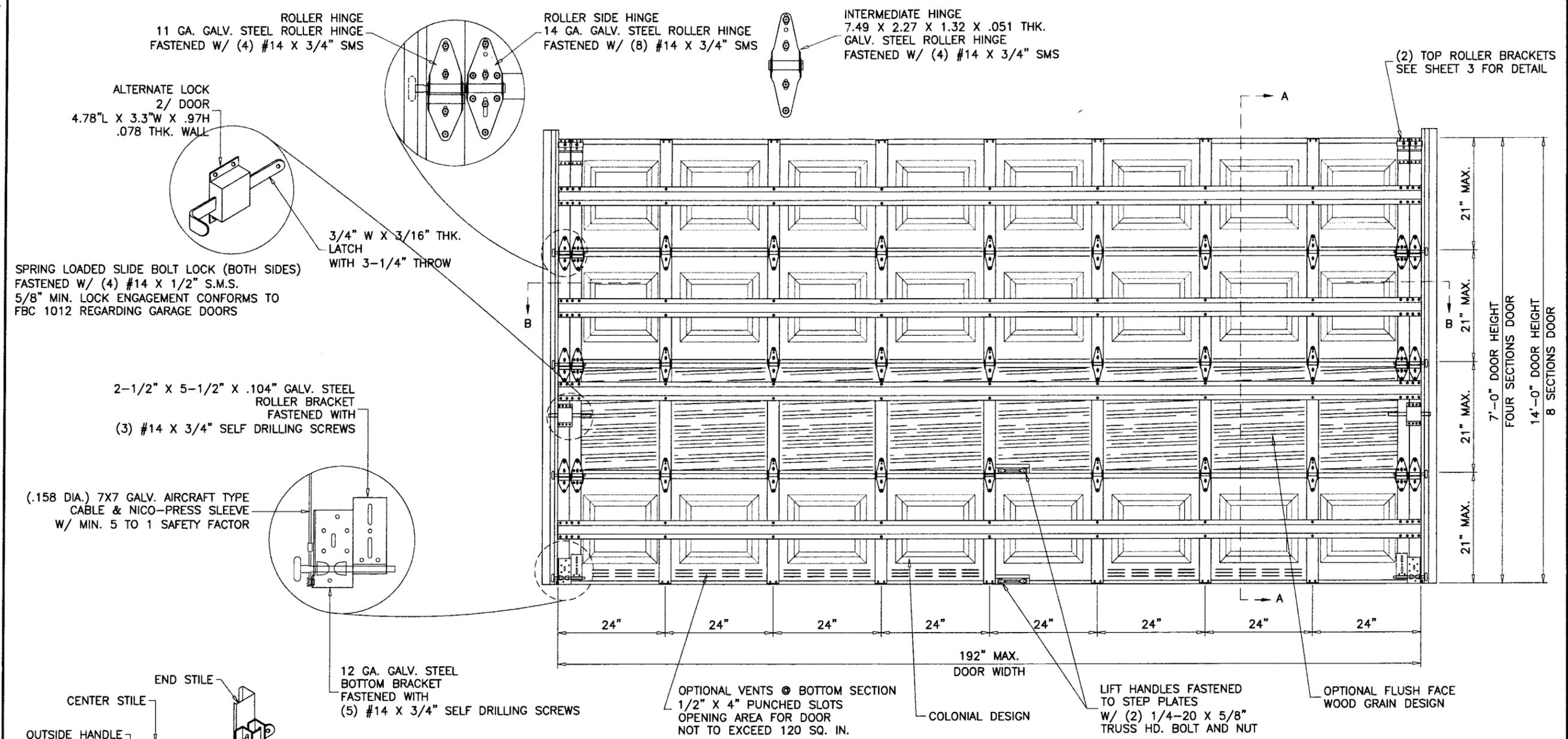

10/2/08

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0415.03

Expiration Date: October 23, 2013
Approval Date: October 23, 2008

revisions:	no	date	by	description
	A	05.12.08		REV. PER BCCO COMMENTS

date:	10-31-07
scale:	1/2" = 1'-0"
dr. by:	HAMID
chk. by:	



INSIDE ELEVATION
 24 GA. RAISED PANEL EMBOSSED DOOR

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 70.0 PSF

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

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.
5. A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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

H
SEP 15 2008

Approved as complying with the Florida Building Code
 Date 10/23/2008
 NOAH 08-0415.03
 Miami Dade Product Control
 By *[Signature]*

ROLLER HINGE
 11 GA. GALV. STEEL ROLLER HINGE
 FASTENED W/ (4) #14 X 3/4" SMS

ROLLER SIDE HINGE
 14 GA. GALV. STEEL ROLLER HINGE
 FASTENED W/ (8) #14 X 3/4" SMS

INTERMEDIATE HINGE
 7.49 X 2.27 X 1.32 X .051 THK.
 GALV. STEEL ROLLER HINGE
 FASTENED W/ (4) #14 X 3/4" SMS

ALTERNATE LOCK
 2/ DOOR
 4.78"L X 3.3"W X .97H
 .078 THK. WALL

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

3/4" W X 3/16" THK.
 LATCH
 WITH 3-1/4" THROW

2-1/2" X 5-1/2" X .104" GALV. STEEL
 ROLLER BRACKET
 FASTENED WITH
 (3) #14 X 3/4" SELF DRILLING SCREWS

(.158 DIA.) 7X7 GALV. AIRCRAFT TYPE
 CABLE & NICO-PRESS SLEEVE
 W/ MIN. 5 TO 1 SAFETY FACTOR

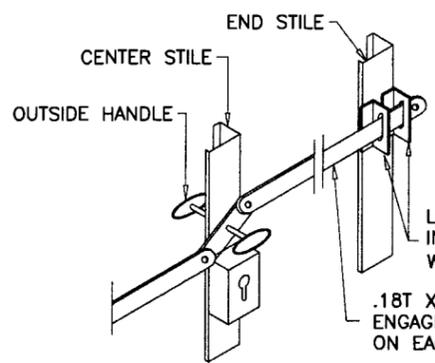
12 GA. GALV. STEEL
 BOTTOM BRACKET
 FASTENED WITH
 (5) #14 X 3/4" SELF DRILLING SCREWS

OPTIONAL VENTS @ BOTTOM SECTION
 1/2" X 4" PUNCHED SLOTS
 OPENING AREA FOR DOOR
 NOT TO EXCEED 120 SQ. IN.

192" MAX.
 DOOR WIDTH

LIFT HANDLES FASTENED
 TO STEP PLATES
 W/ (2) 1/4"-20 X 5/8"
 TRUSS HD. BOLT AND NUT

OPTIONAL FLUSH FACE
 WOOD GRAIN DESIGN



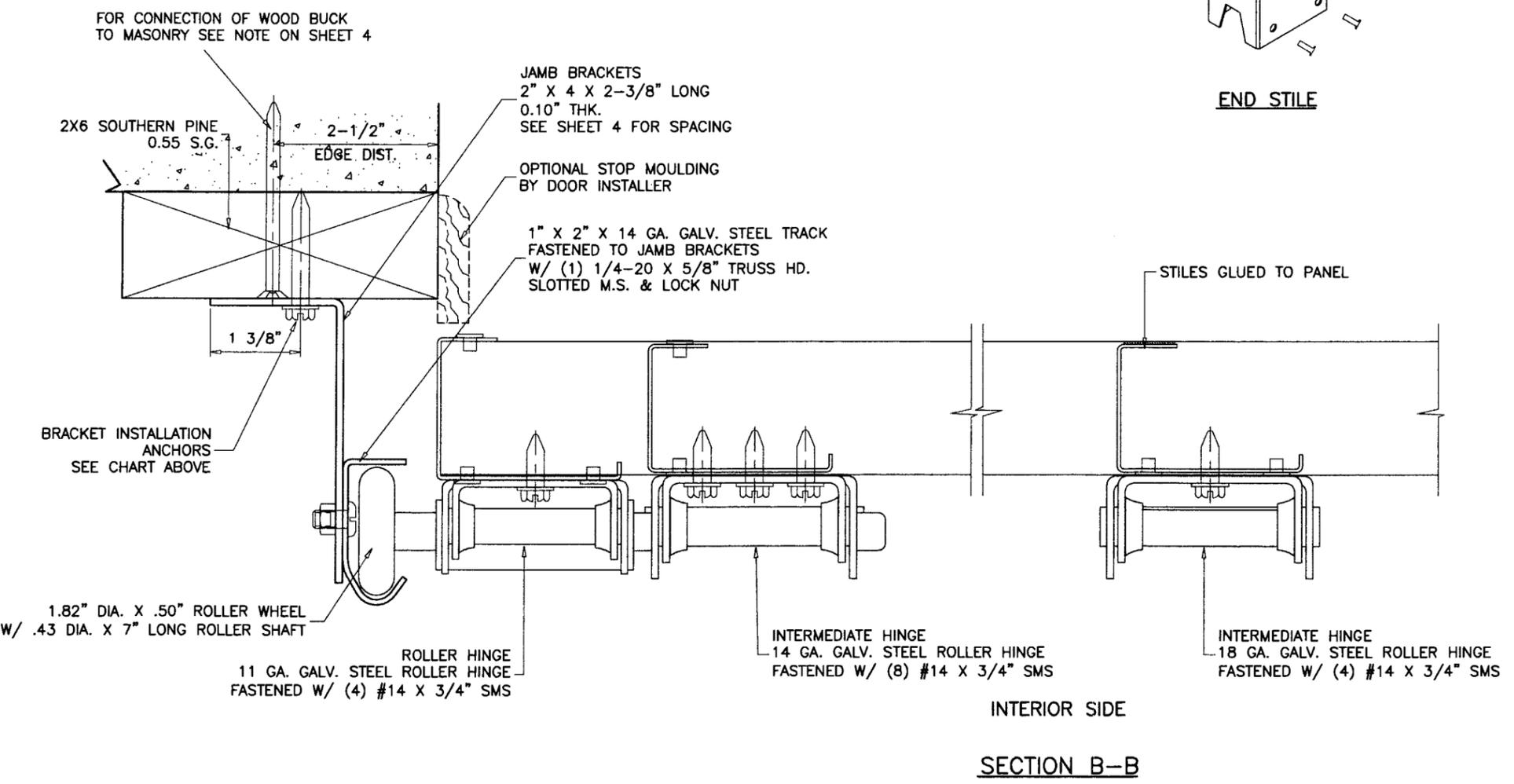
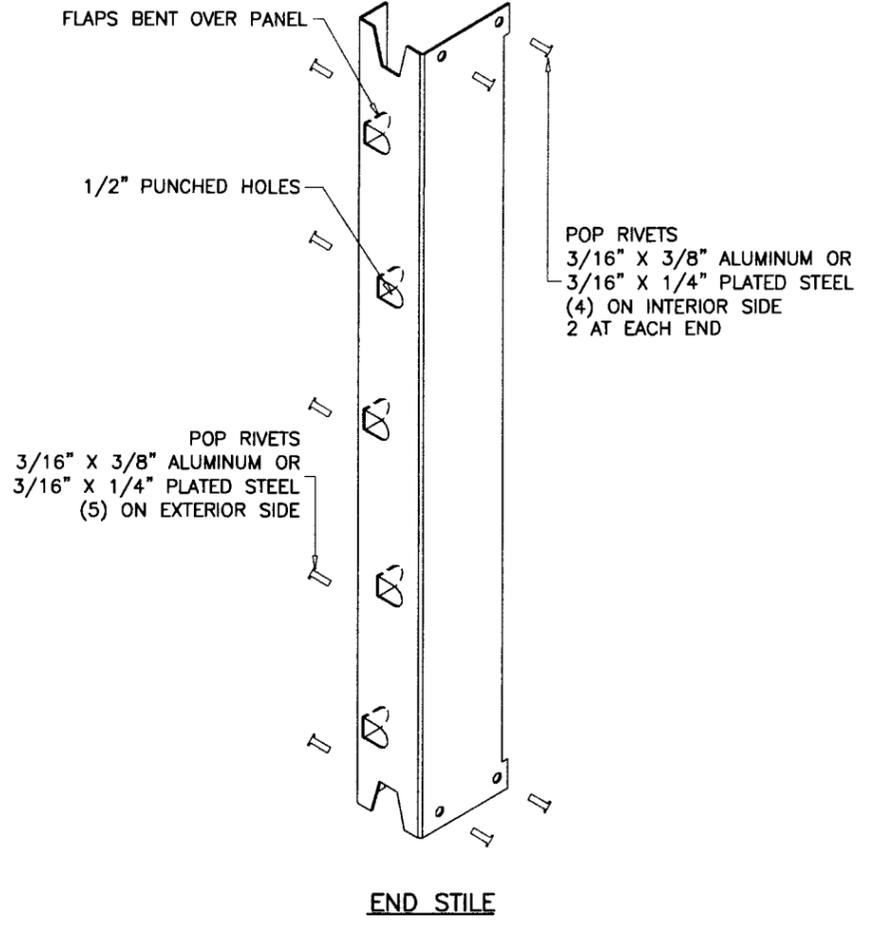
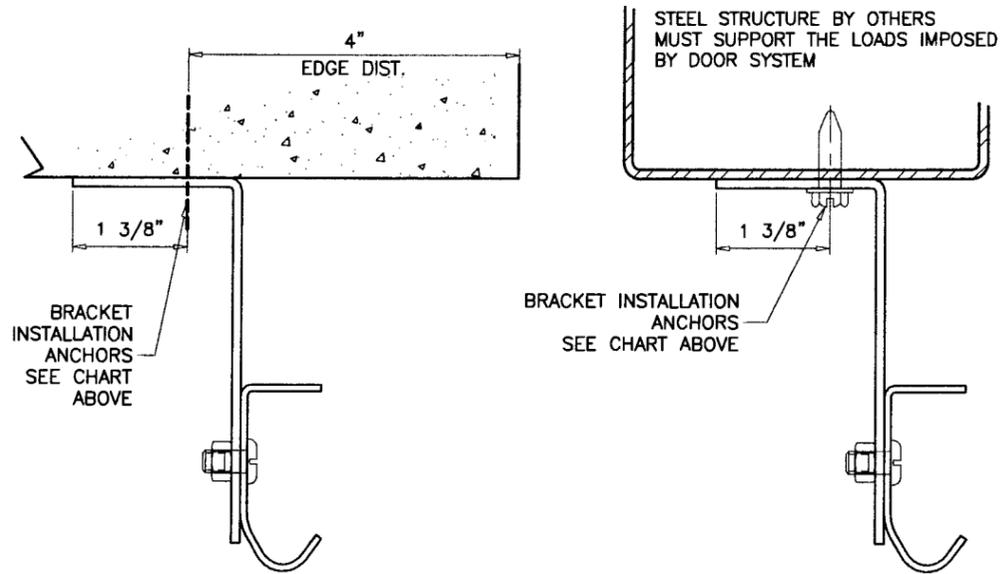
LOCK BAR GUIDES
 INSTALLED ON END STILE
 WITH (4) #14 X 5/8" SMS

.18T X .6W LOCK BAR
 ENGAGES IN TRACK
 ON EACH SIDE OF DOOR

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

BRACKET INSTALLATION ANCHORS				
TYPE	STRUCTURE	EMBED	NO. PER BRACKET	CL TO CL SPACING
5/16" LAG SCREWS	WOOD	1-7/16"	2	1"
3/8" WEDGE-BOLT ANCHOR BY 'POWERS'	CONC. GROUT FILLED BLOCK	3-1/2"	1	-
5/16" DRIL-FLEX	1/4" THK. ALUM	-	1	-
5/16" DRIL-FLEX	1/8" THK. STEEL	-	1	-

CONC. = MIN. 3000 PSI



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

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NOA# 08-0415-03
Miami Dade Product Control
Division

afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
GARAGE\07-21\AGD

SECTIONAL RESIDENTIAL GARAGE DOOR

ADVANCED GARAGE DOOR CORP.
9422 N.W. 109 STREET
MEDLEY, FL. 33178
TEL. (786) 208-0376 FAX. (305) 888-3195

no.	date	by	description
A	05.12.08		REV. PER BCCO COMMENTS

revisions:

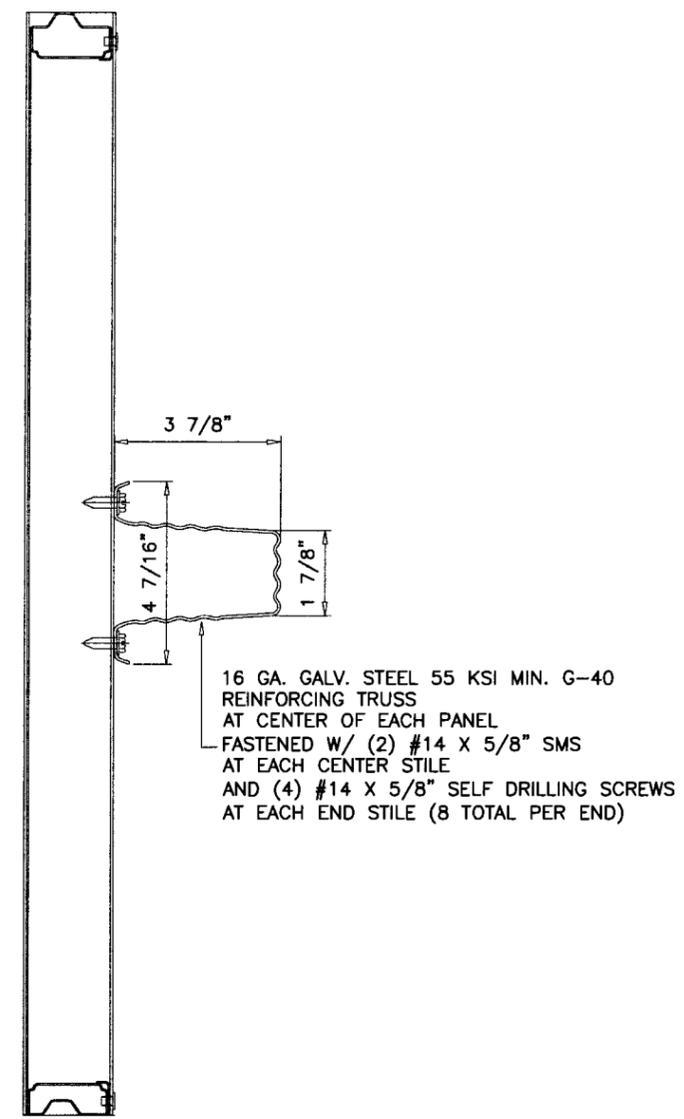
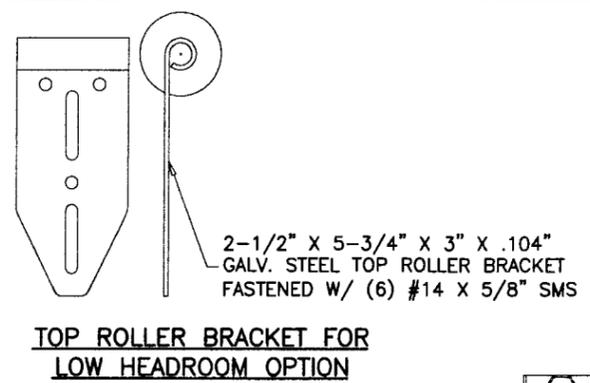
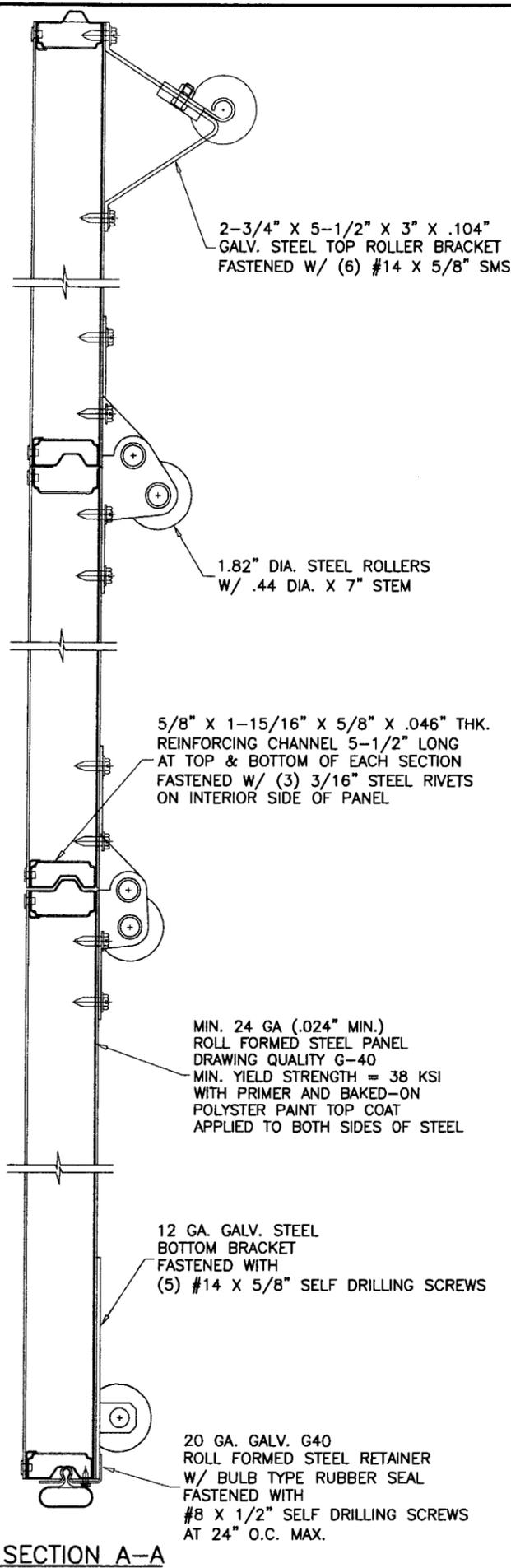
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
07-21

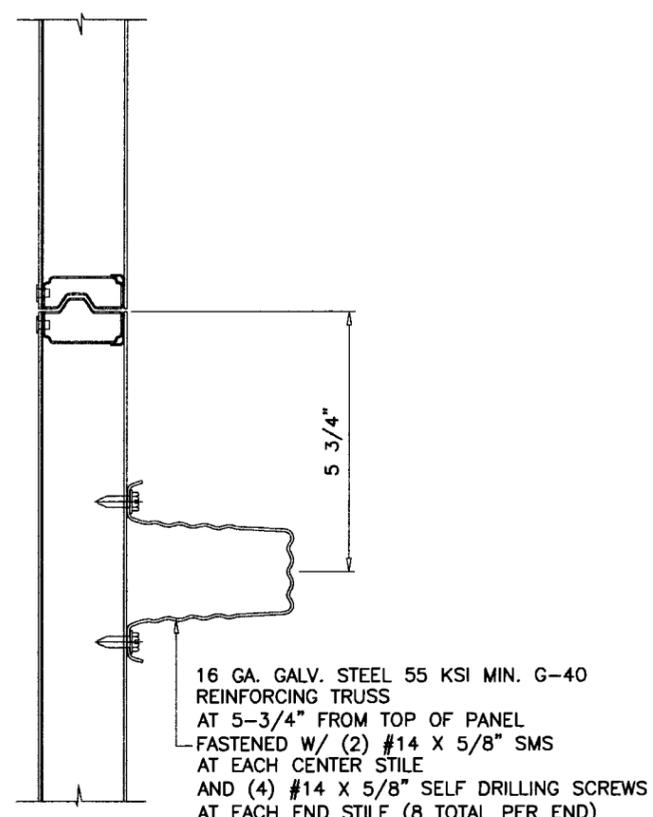
sheet 2 of 4

no.	date	by	description
A	05.12.08	REV.	PER BCCO COMMENTS

date:	10-31-07	scale:	1/4" = 1"
dr. by:	HAMID	chk. by:	



PANEL SECTIONS TYP.
 REINFORCING TRUSS
 AT CENTER OF EACH PANEL



SECTION AT LOCK PANEL ONLY
 REINFORCING TRUSS
 AT TOP OF PANEL

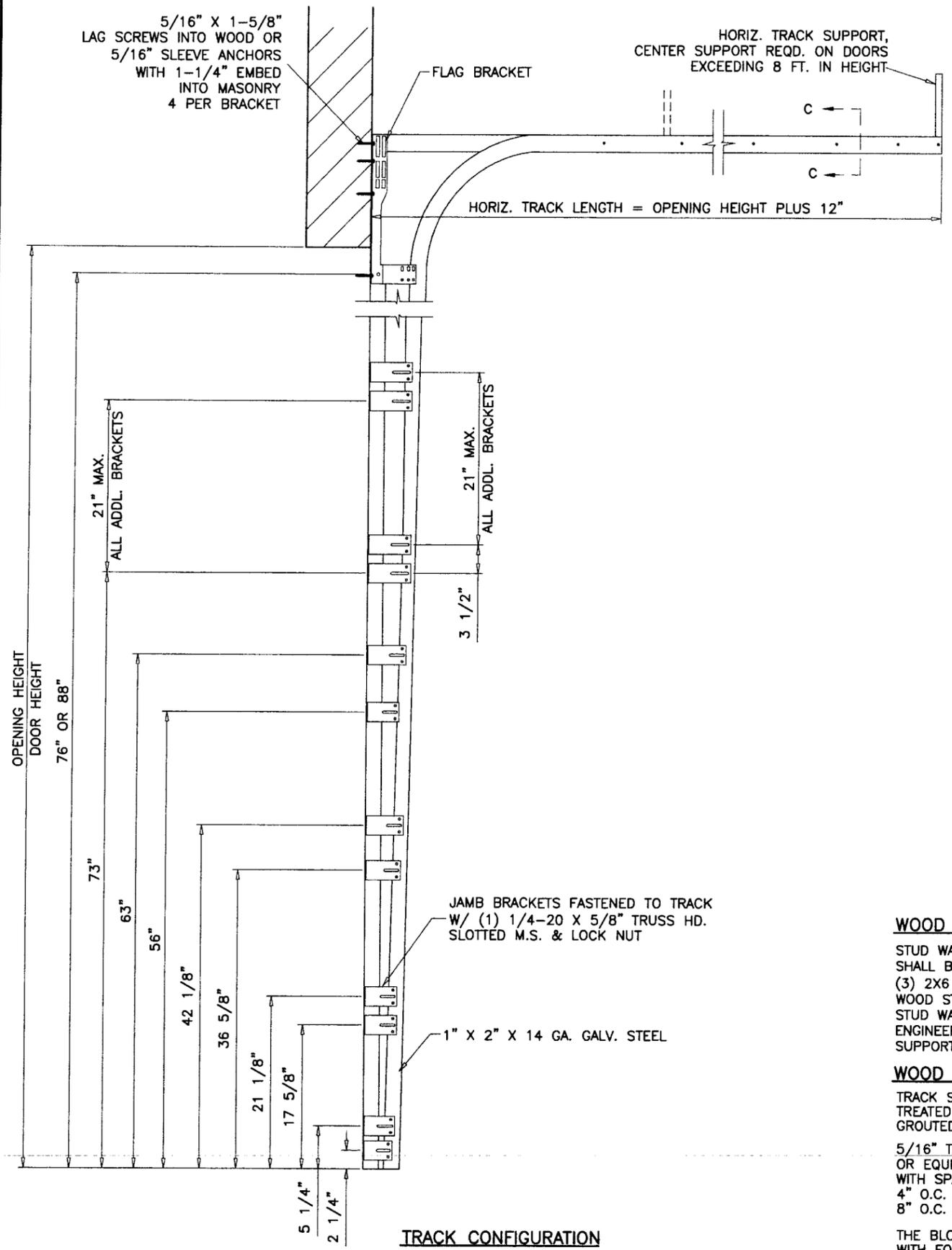
Engr. DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. FE # 16557
 C.A.N. 3538

SEP 15 2008

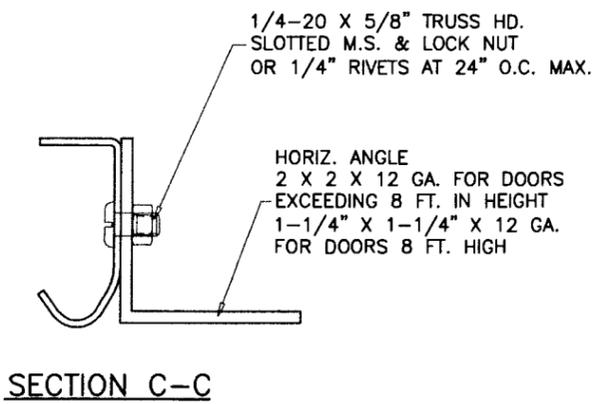
Approved as complying with the
 Florida Building Code
 Date 10/23/2008
 NOAB 08-0415.03
 Miami Dade Product Control
 Division

no	date	description
A	05.12.08	NO CHANGE THIS SHEET

date: 10-31-07	scale: 1/16" = 1"	dr. by: HAMID	chk. by:
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TRACK CONFIGURATION
 1/16" = 1"



WOOD FRAME BUILDINGS

STUD WALLS OR DOOR OPENING (NOT BY ADVANCE DOOR) 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 THE BEAM. ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE SUPPORTING STRUCTURE.

WOOD BUCK CONNECTION TO MASONRY

TRACK SHALL BE SECURED WITH TRACK BRACKETS TO PRESSURE TREATED 2X6 SYP WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH 5/16" TAPCONS BY 'ELCO' OR EQUIV. ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE. WITH SPACING OF 4" O.C. INTO BLOCK WALL, WITH 1-1/4" MIN. EMBED 8" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED

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

PREPARATION OF JAMBS BY OTHERS

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

SEP 15 2008

Approved as complying with the Florida Building Code
 Date: 10/23/2008
 NO. 08-0415-03
 Minimal Daily Product Control
 By: [Signature]