

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208

Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DAB Door Company, 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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Hurricane Master Model 824/811 Steel Sectional Garage Door up to 16'-2" Wide w/ Window Lite Option (DP +56.0, -64.0 PSF)

APPROVAL DOCUMENT: Drawing No. 00-18, titled "Sectional Garage Door", sheets 1 through 5 of 5, dated 08/24/2000, with last revision I dated 03/09/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

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 renews NOA # 14-0814.05 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.

MIAMI-DADE COUNTY
APPROVED

104/16/2015

NOA No. 15-0304.02 Expiration Date: February 22, 2020 Approval Date: April 23, 2015 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

Drawing No. 00-18, titled "Sectional Garage Door", sheets 1 through 5 of 5, dated 08/24/2000, with last revision I dated 03/09/2015, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS "Submitted under NOA # 09-0128.03"

1. Test report of Tensile Test per ASTM E 8, Report No. **HETI 08-T182**, prepared by Hurricane Engineering & Testing, Inc., dated 12/23/2008, signed and sealed by Candido F. Font, P.E.

"Submitted under NOA # 08-1106.05"

- 2. Test reports on 1) Uniform Static Air Pressure Test Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of a DAB 824 24 GA Sectional Garage Door with Fixed Windows, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. **HETI-08-2149A/B**, dated 06/27/2008, signed and sealed by Candido F. Font, P.E.

"Submitted under NOA # 00-1121.01"

- 3. Test report of Uniform Static Air Pressure and Force Entry Resistance Test, per FBC, TAS 202-94 on "Sectional Residential Garage Doors", prepared by Hurricane Engineering & Testing, Inc., Report No. **HETI 00-903**, dated 08/11/2000, signed and sealed by Hector M. Medina, P.E.
- 4. Test report of Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Test per, per FBC, TAS 203-94 on "Sectional Residential Garage Doors", prepared by Hurricane Engineering & Testing, Inc., Report No. **HETI 00-904**, dated 08/17/2000, signed and sealed by Hector M. Medina, P.E.
- 5. 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 08/17/1998, signed by W. A. Jackson, P.E. "Submitted under NOA # 03-0210.04"

C. CALCULATIONS "Submitted under NOA # 14-0814.05"

- 1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 09/22/2014 and 07/24/2014, signed and sealed by Javad Ahmad, P.E.
- Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 12/19/2008, signed and sealed by Humayoun Farooq, P.E. "Submitted under NOA # 09-0128.03"

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0304.02
Expiration Date: February 22, 2020
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D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-0717.01, issued to SABIC Innovative Plastics, for their Lexan Sheet Products, approved on 11/28/2013 and expiring on 07/17/2018.
- 2. Notice of Acceptance No. 14-0311.08, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, approved on 08/14/2014 and expiring on 11/29/2017.
- 3. Notice of Acceptance No. 11-0926.07, issued to Dyplast Products, LLC, for their Expanded Polystyrene Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.
- 4. Notice of Acceptance No. 11-0926.06, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, approved on 11/10/2011 and expiring on 01/11/2017.
- 5. Notice of Acceptance No. 10-1129.04, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, approved on 02/24/2011 and expiring on 02/24/2016.

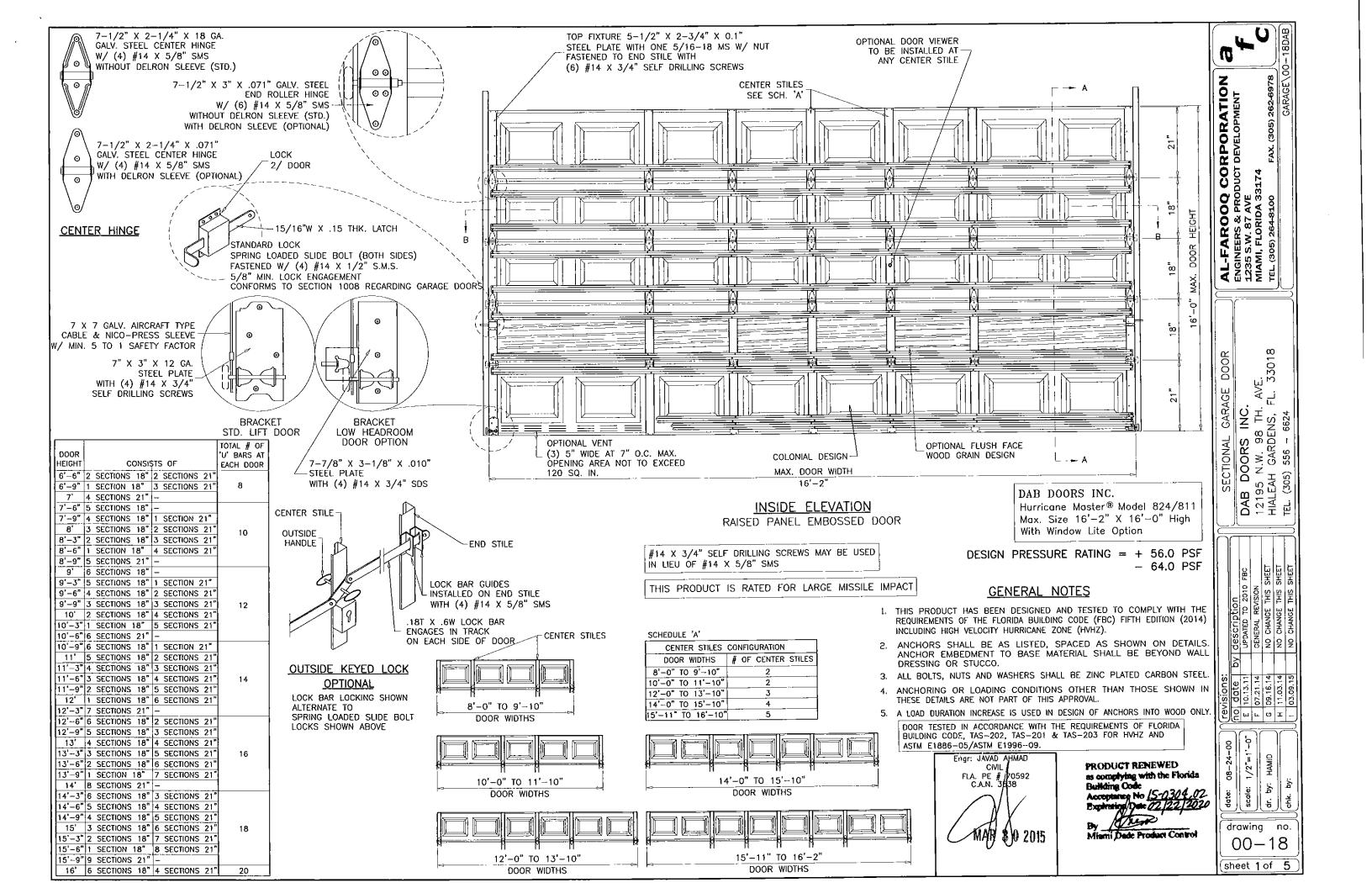
"Submitted under NOA # 05-0228.02"

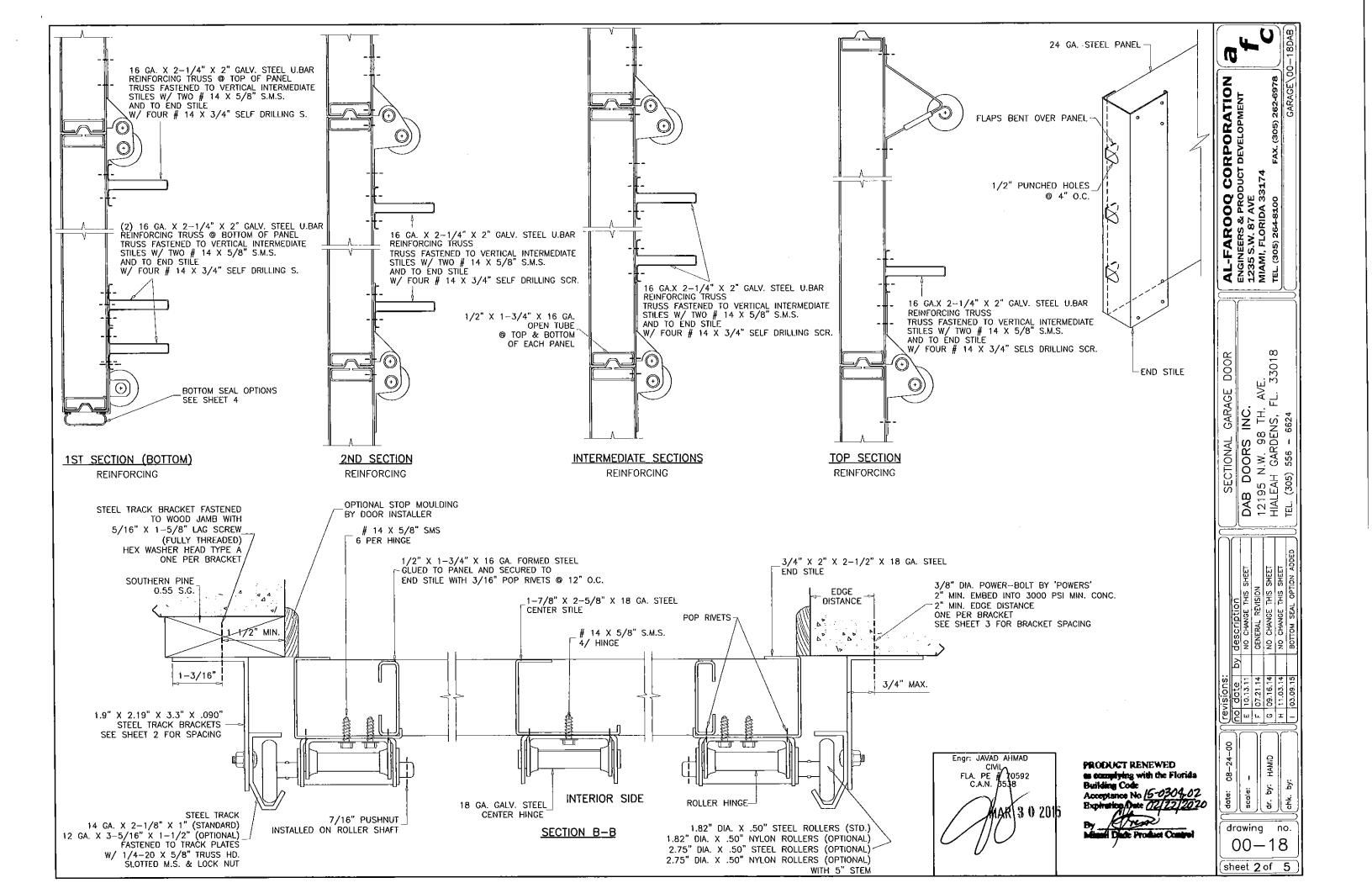
- 6. Test Report on Accelerated Weathering Using Xenon Arc Light Apparatus Test per ASTM G155 of "PVC Extrusion Material", prepared by Hurricane Engineering & Testing, Inc., Report No. **HETI 04-A002**, dated 09/27/2004, signed and sealed by Rafael E. Droz-Seda, P.E.
- 7. Test Reports on Tensile Test per ASTM D638 of "PVC Extrusion Material", prepared by Hurricane Engineering & Testing Inc., Report No. **HETI 04-T251**, dated 11/29/2004 signed and sealed by I. Ghia, P.E.
- 8. Test Report on Self-Ignition Temperature Test, Rate of Burn Test and Smoke Density Test of "REHAU non-foam PVC extrusion material", prepared by ETC Laboratories, Report No. **04-761-15019.0**, dated 05/06/2004, signed and sealed by J. L. Doldan, P.E.

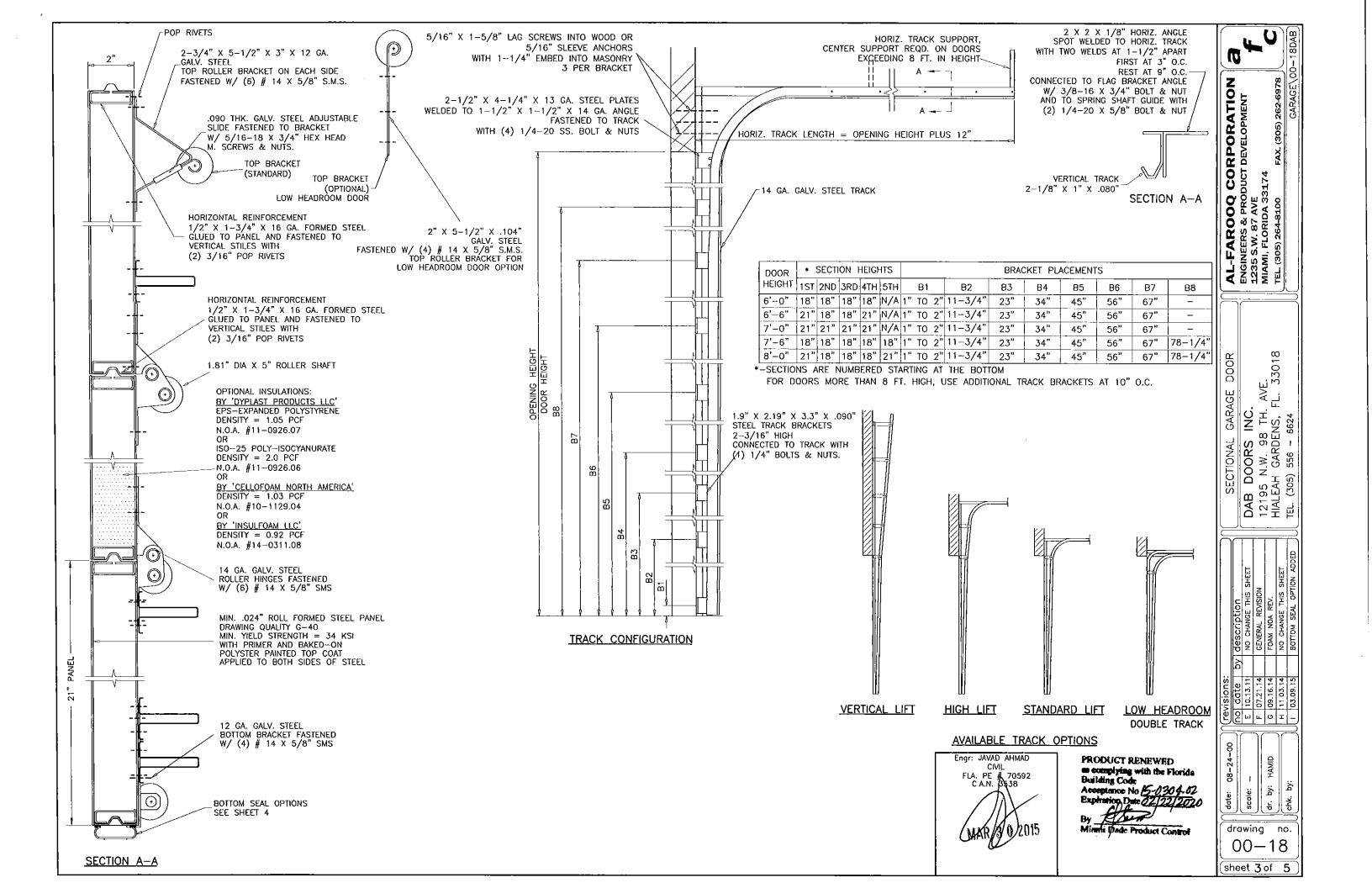
F. STATEMENTS "Submitted under NOA # 14-0814.05"

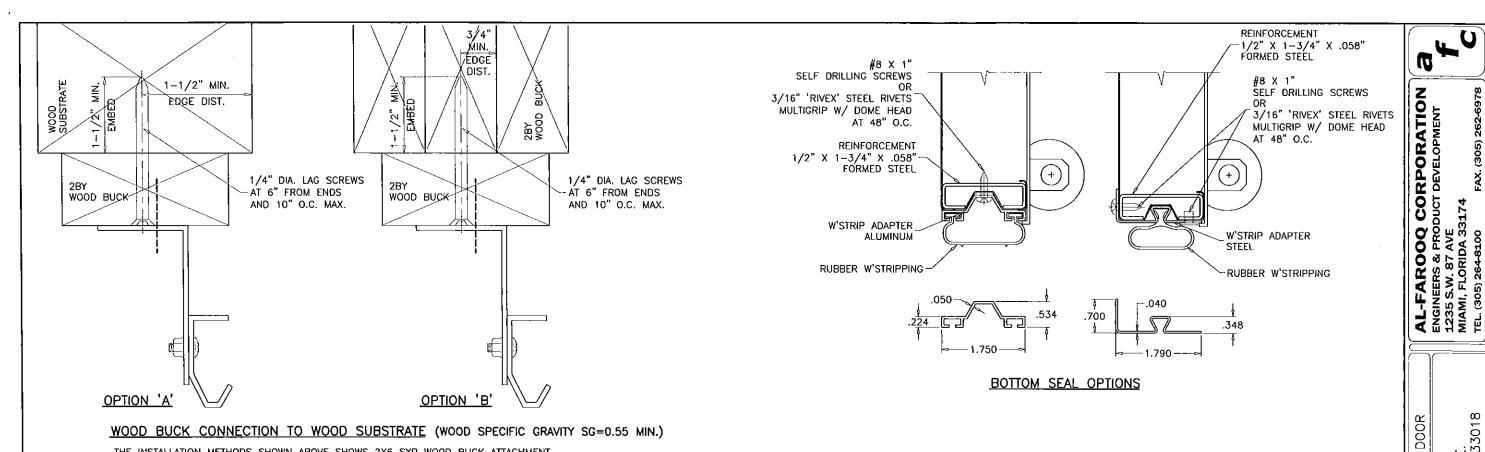
Statement letter of code conformance to the 5th edition (2014) FBC and no financial interest issued by Al-Farooq Corporation, dated 05/13/2014, signed and sealed by Javad Ahmad, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0304.02
Expiration Date: February 22, 2020
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WOOD BUCK CONNECTION TO WOOD SUBSTRATE (WOOD SPECIFIC GRAVITY SG=0.55 MIN.)

THE INSTALLATION METHODS SHOWN ABOVE SHOWS 2X6 SYP WOOD BUCK ATTACHMENT TO WOOD STRUCTURES. IF THESE METHODS ARE FOLLOWED NO ADDITIONAL CALCULATIONS/DESIGN WILL BE REQUIRED FOR DESIGN OF GARAGE DOOR ANCHORAGE. FOR DOOR REPLACEMENT APPLICATIONS WITH NO ENGINEER OF RECORD, INSTALLATION MAY BE VERIFIED AND APPROVED BY THE BUILDING OFFICIAL UPON INSPECTION.

ANCHOR SPACING **ANCHORS** STRUCTURE EMBED SPACING EDGE DIST 3/8" HLC SLEEVE BY 'HILTI' 3/8" CONFLEX BY 'ELCO' FILLED BLOCK 3-3/4" 3/8" DYNABOLT BY 'ITW' 3-3/4" CONC. STEEL STRUCTURE BY OTHERS 3/8" POWER-BOLT BY 'POWERS' CONC. MUST SUPPORT THE LOADS IMPOSED LAG SCRÉWS 3/8" SLEEVE-ALL BY 'SIMPSONS' 3-1/2" CONC. BY DOOR SYSTEM AT 8" O.C. CONCRETE f'c = 3000 PSI MIN. C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN. 5/16" DIA. BOLTS WITH WASHER & NUT

WOOD BUCK CONNECTION TO MASONRY

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 GROUT FILLED BLOCK WALL, WITH 2-1/4" MIN. EMBED

8" 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

7" O.C. INTO GROUT FILLED BLOCK WALL, WITH 1-1/2" MIN. EMBED 8" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED

3" MIN. EDGE DISTANCE

3/8" CONFLEX BY 'ELCO'

8" O.C. INTO GROUT FILLED BLOCK WALL, WITH 2" MIN. EMBED

8" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED

3-3/4" MIN. EDGE DISTANCE

3/8" LDT BY 'ITW' WITH SPACING OF

18" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED

3" MIN. EDGE DISTANCE

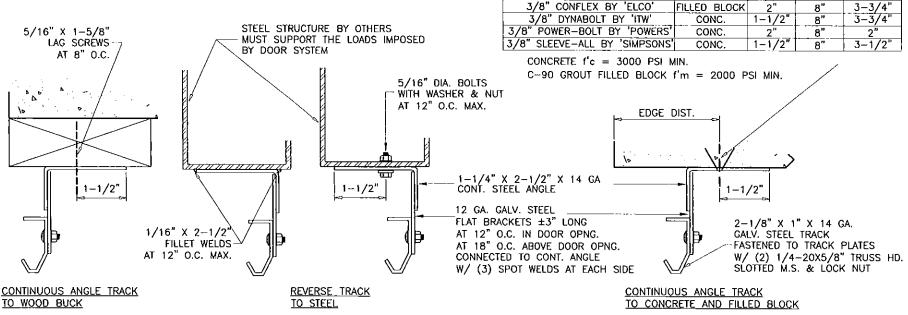
3/8" HLC SLEEVE BY 'HILTI' WITH SPACING OF 9" O.C. INTO 3000 PSI CONCRETE, WITH $1\!-\!1/4"$ MIN. EMBED AND 2-1/2" MIN. EDGE DISTANCE

PREPARATION OF JAMBS BY OTHERS

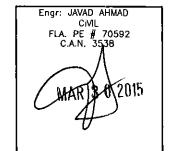
FOR NEW CONSTRUCTION ENGINEER OF RECORD OR ARCHITECT TO VERIFY ADEQUACY OF SUPPORTING STRUCTURE TO SUPPORT LOADS IMPOSED

FOR DOOR REPLACEMENT IN RETROFIT BUILDINGS WITH NO ENGINEER OF RECORD, DOOR INSTALLATION MAY BE REVIEWED AND APPROVED BY BUILDING OFFICIAL UPON INSPECTION.

MAXIMUM EXTERIOR(+) LOAD PER JAMB = $(16.16' \times 56 \text{ PSF})/2 = 452.5 \text{ Lbs per Ft.}$ MAXIMUM INTERIOR(-) LOAD PER JAMB = $(16.16' \times 64 \text{ PSF})/2 = 517.1 \text{ Lbs per Ft.}$



ALTERNATE TRACK INSTALLATION



PRODUCT RENEWED complying with the Florida **Building Code** Acceptance No 15 0304 Expiration Page 02/22/2020
By Free Mismi Usde Product Control

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GARAGE

SECTIONAL

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DAB DOORS INC. 12195 N.W. 98 TH. HIALEAH GARDENS, FITEL (305) 556 - 6624

drawing no.

sheet 4 of 5

