

# 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. 12193 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 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 9ft.-4in. w/ Window Lite Option

**APPROVAL DOCUMENT:** Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision **M** dated 05/12/2022, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 07/14/2022, 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 Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Resistant (without flood vents)

**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.

#### **Limitation:** Garage doors with flood vents are not rated for Large Missile Impact Resistance.

**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 and revises NOA # 21-0312.03 and 21-0312.04 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 and E-6, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

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NOA-No. 22-0721.01 Expiration Date: October 4, 2026 Approval Date: August 25, 2022

Page 1

#### 1. EVIDENCE SUMITTED ON PRIVIOUS NOA's

#### A. DRAWINGS

1. Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision **J** dated 03/21/2016, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

#### B. TESTS "Submitted under NOA # 09-0128.05"

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 # 03-0210.04"

3. 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 # 01-0620.08"

- 4. 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 01-966, dated 01/18/2001, signed and sealed by Hector M. Medina, P.E.
- 5. 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 01-972/974, dated 01/29/2001, signed and sealed by Hector M. Medina, P.E.

# C. CALCULATIONS "Submitted under NOA # 14-0814.09"

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.

Carlos M. Utrera, P.E. Product Control Examiner NOA-No. 22-0721.01 Expiration Date: October 4, 2026

**Approval Date: August 25, 2022** 

# C. CALCULATIONS (Cont.)

#### "Submitted under NOA # 09-0128.05"

1. 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.

#### D. QUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **15-0915.08**, issued to SABIC Innovative Plastics, for their Lexan Polycarbonate Sheet Products, approved on 12/10/2015 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. **15-1203.04**, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, approved on 03/17/2016 and expiring on 02/24/2021.

#### "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

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 03/21/2016, signed and sealed by Javad Ahmad, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA-No. 22-0721.01

# **DAB Door Company, Inc.**

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 2. EVIDENCE SUBMITTED IN PREVIOUS NOA # 17-0919.13

#### A. DRAWINGS

1. Drawing No. **01-05** Rev K, titled "Sectional Garage Door", dated 01/19/2001 and last revised on AUG 17, 2017, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

Note: This revision consists of editorial changes to comply with FBC 2017.

#### B. CALCULATIONS

1. None.

#### C. QUALITY ASSURANCE

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

#### D. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **17-0221.06**, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, expiring on 11/29/2022.
- 2. Notice of Acceptance No. **16-1108.04**, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, expiring on 01/11/2022.
- 3. Notice of Acceptance No. **15-1203.04**, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, expiring on 02/24/2021.
- **4.** Notice of Acceptance No. **15-0915.08**, issued to SABIC Innovative Plastics, for their Lexan Sheet Products, expiring on 07/17/2018.

#### E. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5<sup>th</sup> Edition) and FBC 2017 (6<sup>th</sup> Edition), prepared by Al Farooq Corporation, dated 08/17/17, signed and sealed by Javad Ahmad, P.E.

#### F. OTHER

1. This NOA revises NOA #16-0330.04, expiring 10/04/21.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA-No. 22-0721.01
Expiration Date: October 4, 2026

Approval Date: August 25, 2022

#### DAB Door Company, Inc.

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 3. EVIDENCE SUBMITTED UNDER NOA # 20-0901.18 AND 21-0312.03

#### A. DRAWINGS

1. Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision L dated 07/21/2020, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

#### B. TESTS

1. None.

#### C. CALCULATIONS

1. None.

# D. QUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **19-0129.06**, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Preformed Block Type I Insulation, expiring on 11/29/2022.
- 2. Notice of Acceptance No. 17-1207.04, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Rigid Foam Insulation, expiring on 01/11/2022.
- 3. Notice of Acceptance No. 18-0918.06, issued to Plaskolite, LLC, for their TUFFAK Polycarbonate Sheets, approved on 01/15/2018 and expiring on 8/27/2022.

#### F. STATEMENTS

- 1. Testing contract letter issued by Hurricane Engineering & Testing Inc., dated 06/15/2021 and signed by Syed Waqar Ali, Ph.D.
- 2. Letter of conformance to FBC 2020 (7<sup>th</sup> Edition) and FBC 2017 (6<sup>th</sup> Edition), prepared by Al Farooq Corporation, dated 07/15/2020, signed and sealed by Jalal Farooq, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA-No. 22-0721.01

#### 4. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision **M** dated 05/12/2022, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 07/14/2022.

#### C. TESTS

- 1. 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, TAS 202-94

along with marked-up drawings and installation diagram of a DAB 824/811 24 GA Sectional Garage Door with Fixed Windows and without "U" Bars, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. **HETI-22-7187**, dated 05/05/2022, signed and sealed by Ram N. Tewari, P.E.

- 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, TAS 202-94

along with marked-up drawings and installation diagram of a DAB 824/811 24 GA Sectional Garage Door with Fixed Windows and (2) "U" Bars, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. **HETI-22-7190**, dated 05/05/2022, signed and sealed by Ram N. Tewari, P.E.

- 3. Test report of Tensile Test per ASTM E 8, Report No. **HETI 22-T560**, prepared by Hurricane Engineering & Testing, Inc., dated 05/09/2022, signed and sealed by Ram N. Tewari, P.E.
- 4. Test report of Tensile Test per ASTM E 8, Report No. **HETI 22-T561**, prepared by Hurricane Engineering & Testing, Inc., dated 05/09/2022, signed and sealed by Ram N. Tewari, P.E.

#### C. CALCULATIONS

1. None.

#### D. QUALITY ASSURANCE

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

Carlos M. Utrera, P.E. Product Control Examiner NOA-No. 22-0721.01

# 4. **NEW EVIDENCE SUBMITTED (Continued)**

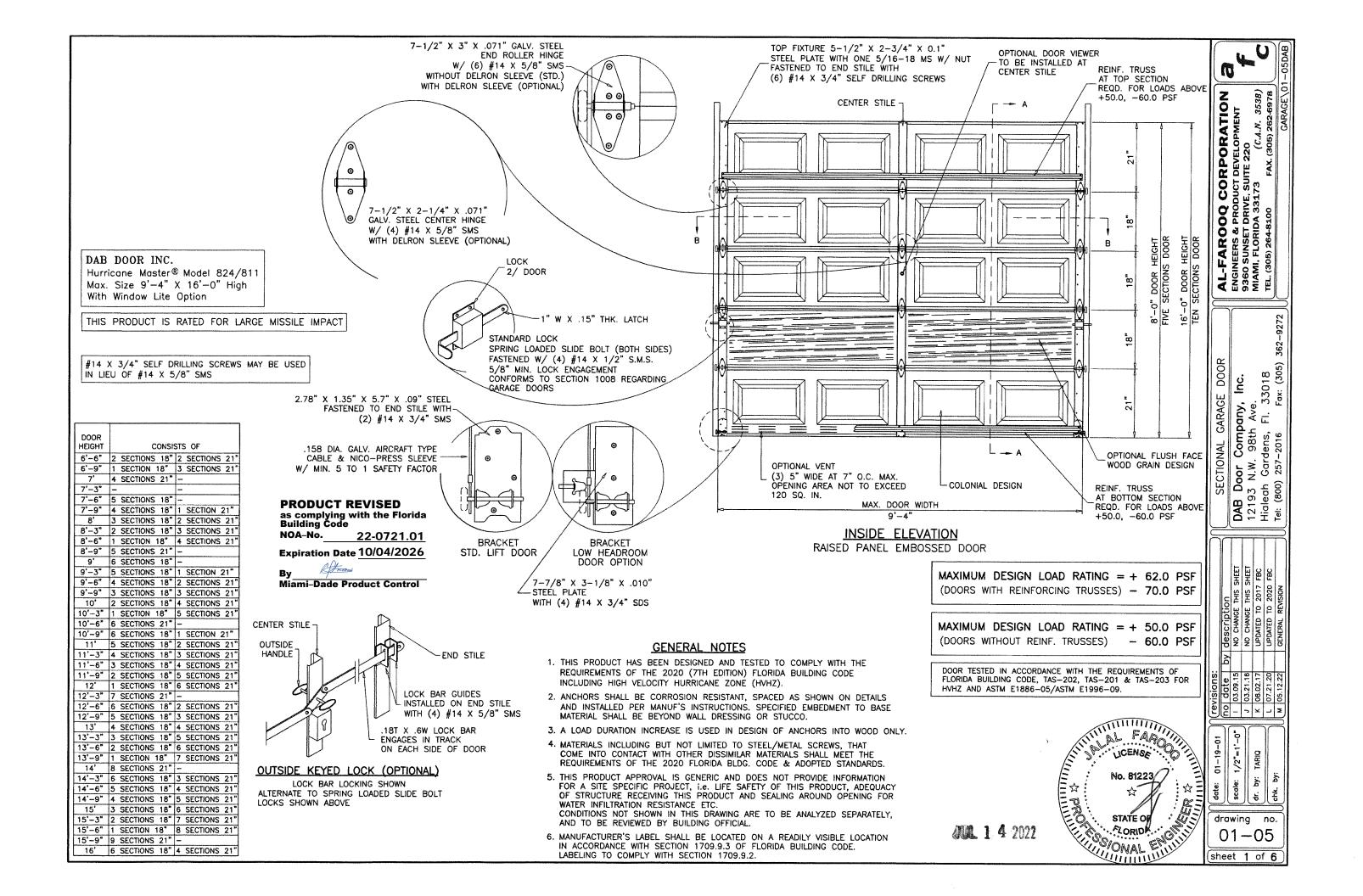
# E. MATERIAL CERTIFICATIONS

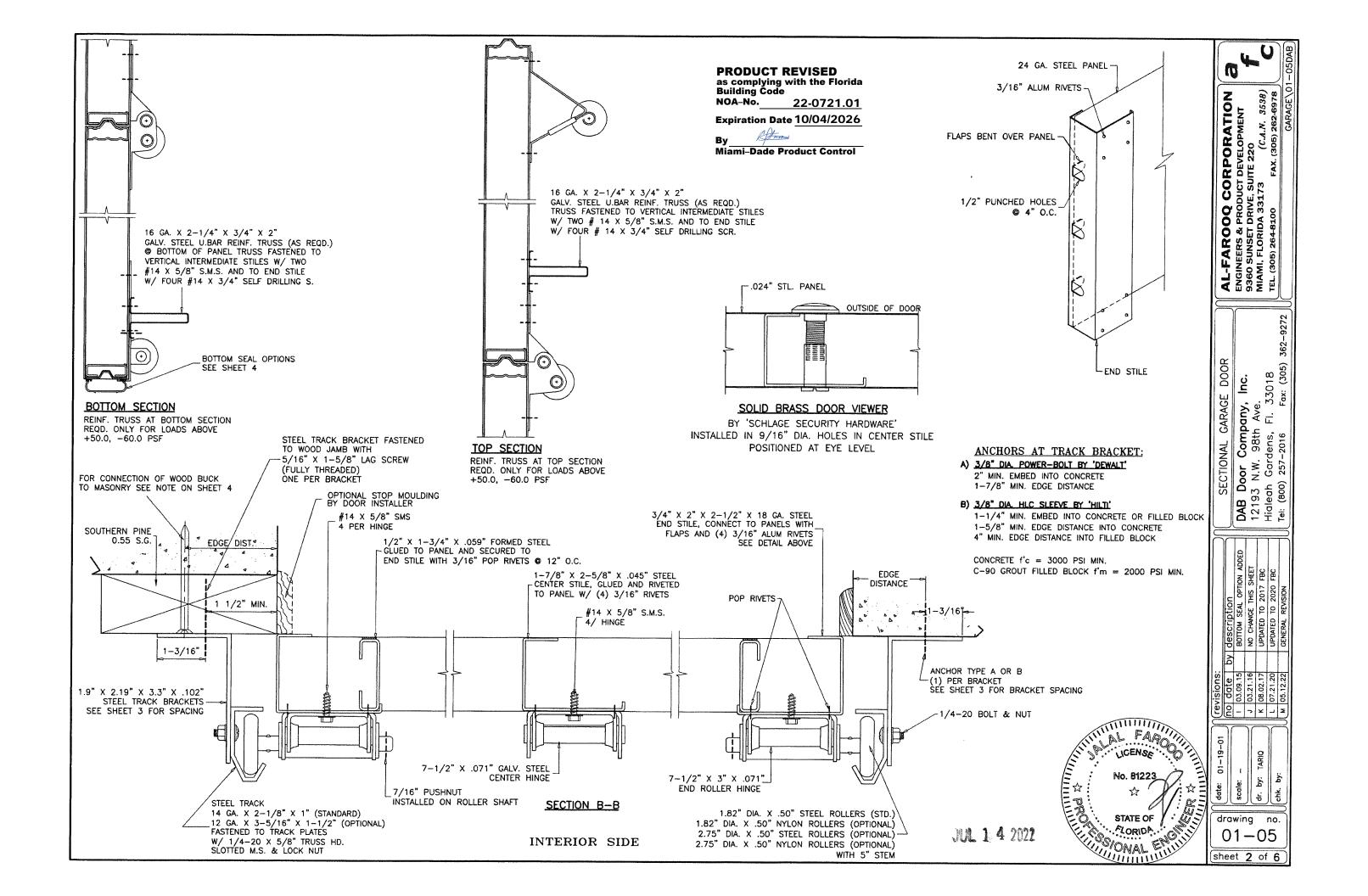
- 1. Notice of Acceptance No. **22-0628.11**, issued to Insulfoam, a div. of Carlisle Const. Mat., LLC, for their Insulfoam Expanded Polystyrene Preformed Block Type I Insulation, expiring on 11/29/2023.
- 2. Notice of Acceptance No. 22-0627.03, issued to Kingspan Insulation LLC, for their ISO-C1 Polyisocyanurate Rigid Foam Insulation, expiring on 01/11/2027.
- 3. Notice of Acceptance No. **22-0317.02**, issued to Plaskolite, LLC, for their TUFFAK Polycarbonate Sheets, expiring on 8/27/2027.

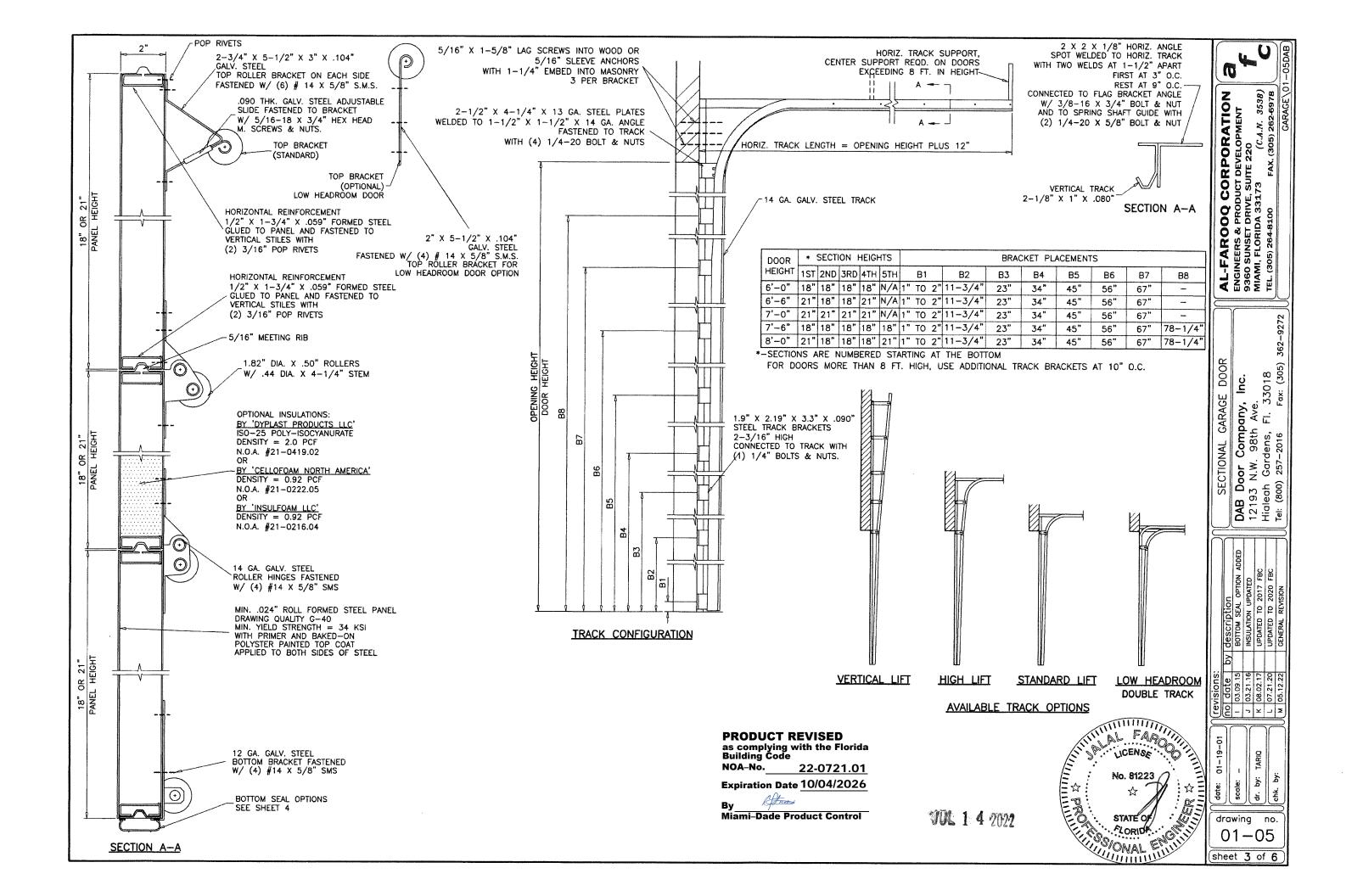
# F. STATEMENTS

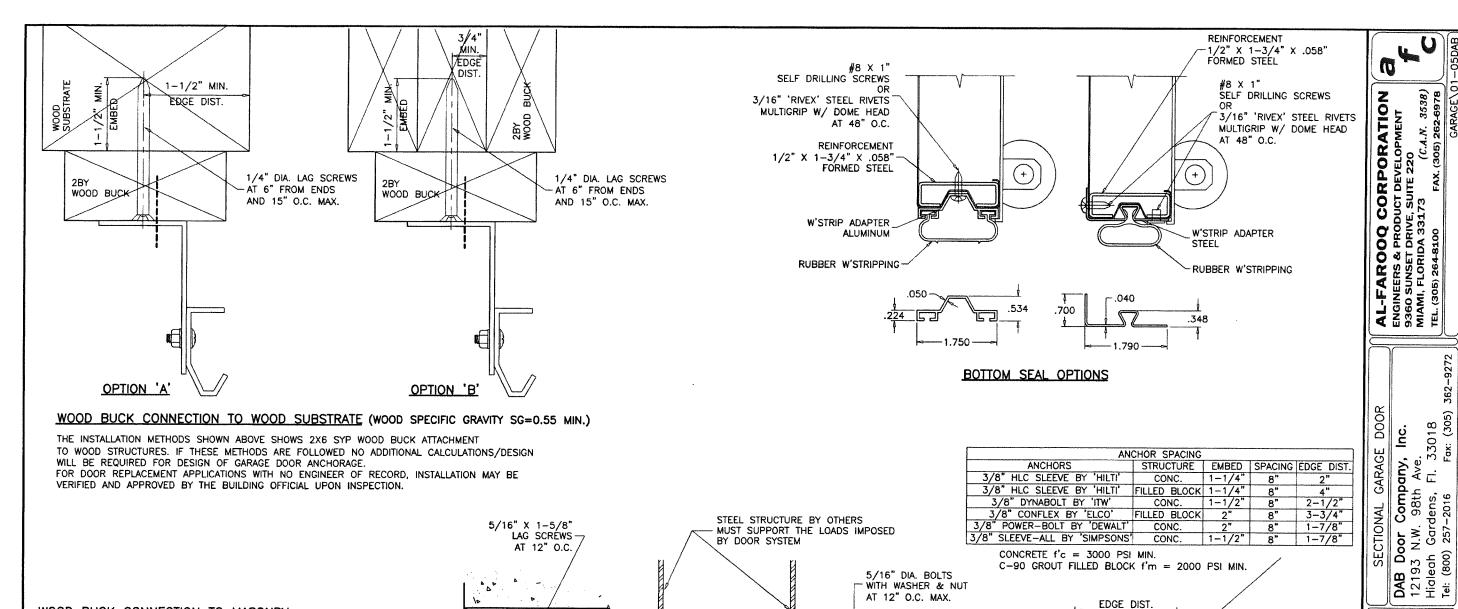
1. Statement letter of code conformance to 7<sup>th</sup> Edition (2020) of the FBC and of no financial interest, prepared by Al Farooq Corporation, dated 06/24/2022, signed and sealed by Jalal Farooq, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA-No. 22-0721.01



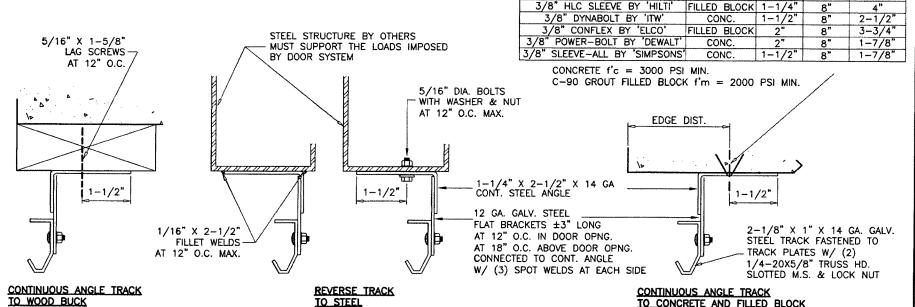






# WOOD BUCK CONNECTION TO WOOD SUBSTRATE (WOOD SPECIFIC GRAVITY SG=0.55 MIN.)

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.



# WOOD BUCK CONNECTION TO MASONRY

PRESSURE TREATED 2X6 SYP WOOD BUCKS SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH

1/4" ULTRACON+ BY 'DEWALT' WITH SPACING OF 16" O.C. INTO GROUT FILLED BLOCK WALL, WITH 2-1/4" MIN. EMBED 12" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 2-1/2" MIN. EDGE DISTANCE

1/4" TAPPER BY 'DEWALT' WITH SPACING OF 11" O.C. INTO GROUT FILLED BLOCK WALL, WITH 1-1/2" MIN. EMBED 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 3" MIN. EDGE DISTANCE

3/8" CONFLEX BY 'ELCO' OR 3/8" LDT BY 'ITW' WITH SPACING OF 23" 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 8" O.C. INTO GROUT FILLED BLOCK WALL, WITH 1-1/4" MIN. EMBED, 4" MIN. EDGE DIST. 15" 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 BY DOOR SYSTEM.

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

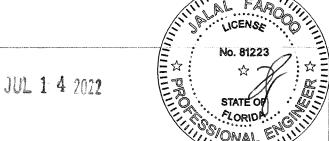
MAXIMUM EXTERIOR(+) LOAD PER JAMB =  $(9.33' \times 62 \text{ PSF})/2 = 289.3 \text{ Lbs per Ft.}$ MAXIMUM INTERIOR(-) LOAD PER JAMB = (9.33' X 70 PSF)/2 = 326.5 Lbs per Ft.

#### ALTERNATE TRACK INSTALLATION

#### **PRODUCT REVISED** as complying with the Florida **Building Code** NOA-No. 22-0721.01

Expiration Date 10/04/2026

**Miami-Dade Product Control** 



ANCHOR SPACING

CONC.

STRUCTURE | EMBED | SPACING EDGE DIST.

1-1/4"

ANCHORS

3/8" HLC SLEEVE BY 'HILTI'

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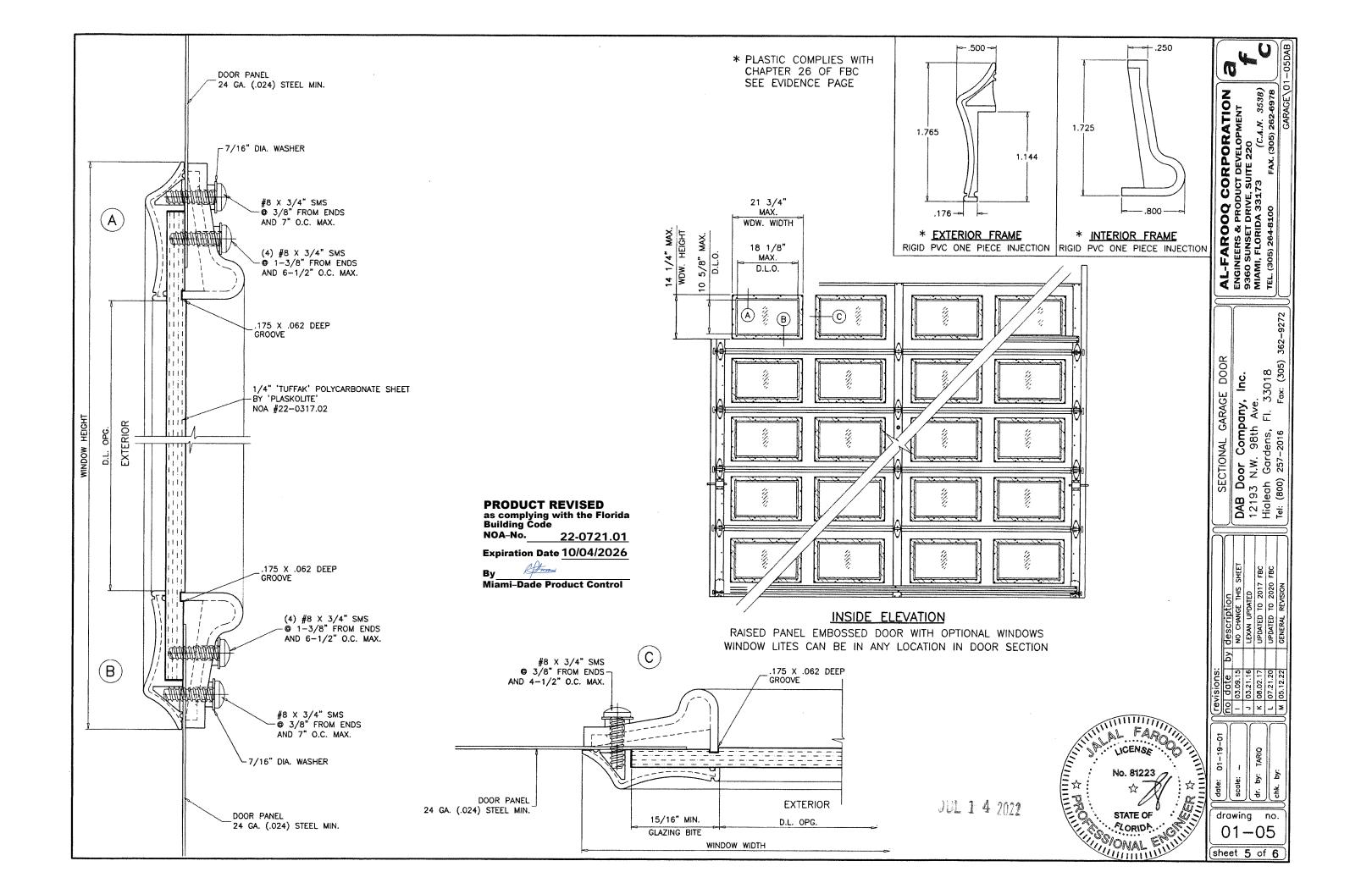
DOOR

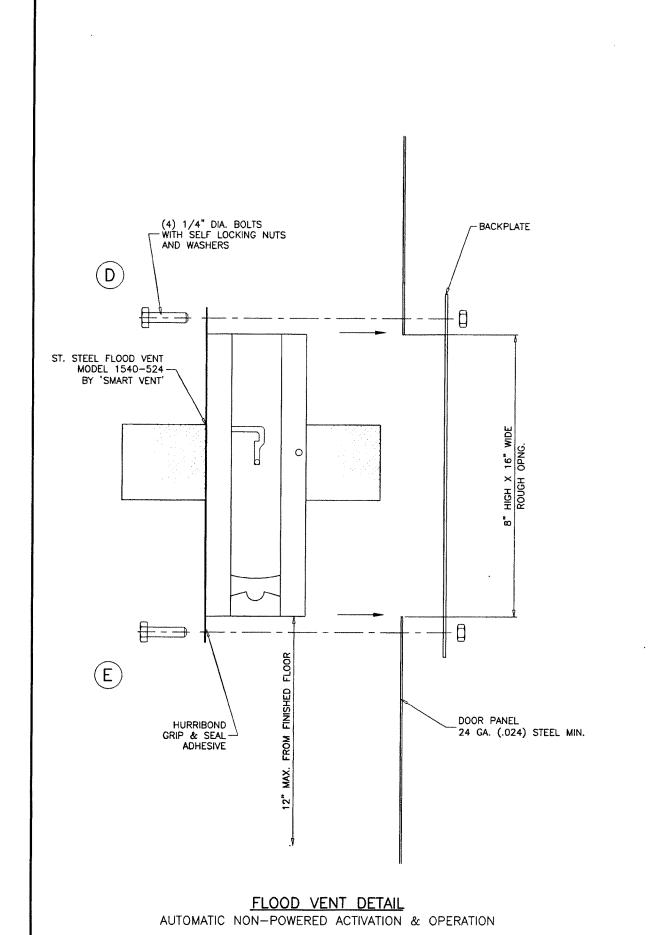
GARAGE

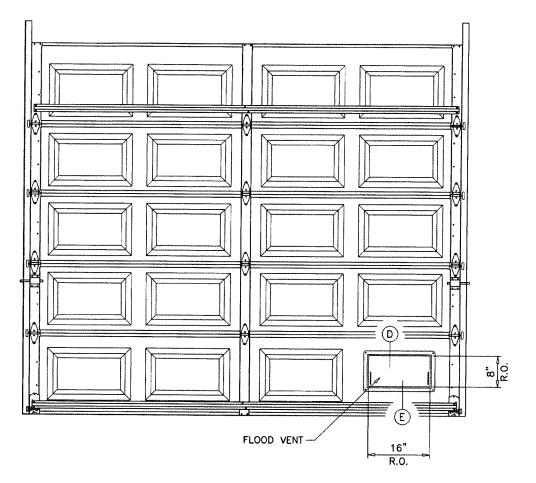
SECTIONAL

01 - 05

sheet 4 of 6







# INSIDE ELEVATION

RAISED PANEL EMBOSSED DOOR WITH OPTIONAL FLOOD VENT FLOOD VENT CAN BE IN ANY LOCATION IN BOTTOM SECTION

GARAGE DOOR WITH FLOOD VENT NOT RATED FOR LARGE MISSILE IMPACT.

INSTALLATION OF THIS DOOR IN THE HVHZ AREA REQUIRES THE USE OF APPROVED EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS DOOR OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0721.01

Expiration Date 10/04/2026

By Miami-Dade Product Control

No. 81223

STATE OF

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10 date: 01–19–01 (revisions: scale: 1/2" = 1" (revisions: 01–19–01) (revisions: 01–19–0

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

 MIAMI, FLORIDA 33173
 (C.A.N. 3538)

 TEL. (305) 264-8100
 FAX. (305) 262-8978

DAB Door Company, Inc. 12193 N.W. 98th Ave. Hialeah Gardens, Fl. 33018 Tel: (800) 257–2016 Fax: (305) 3

SECTIONAL GARAGE DOOR

JUL 1 4 2022