



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

APPROVAL DOCUMENT: Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision N dated 06/16/2023, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 06/22/2023, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the 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 revises NOA #22-0721.01 and consists of this page 1 and evidence submitted 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 **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
09/14/2023

NOA-No. 23-0710.19
Expiration Date: 10/04/2026
Approval Date: 09/14/2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

"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.



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA-No. 23-0710.19
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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. **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 5th 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.

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.



Helmy A. Makar, P.E., M.S.
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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 (5th Edition) and FBC 2017 (6th 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.

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

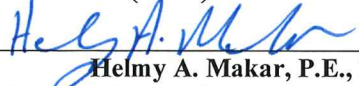
1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA-No. 23-0710.19
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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 (7th Edition) and FBC 2017 (6th Edition), prepared by Al Farooq Corporation, dated 07/15/2020, signed and sealed by Jalal Farooq, P.E.

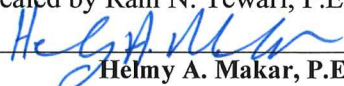
4. EVIDENCE SUBMITTED UNDER NOA #22-0721.01

A. DRAWINGS

1. 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.

B. 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 202-94along 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 202-94along 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.



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. **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 7th 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.

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **01-05**, titled "Sectional Garage Door", dated 01/19/2001, with last revision N dated 06/16/2023, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 06/22/2023.

B. TESTS

1. None.

C. CALCULATIONS

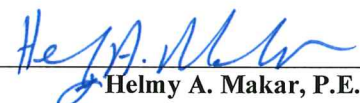
1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **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.



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor

NOA-No. 23-0710.19

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DAB Door Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 7th Edition (2020) and 8th Edition (2023) of the FBC and of no financial interest, prepared by Al Farooq Corporation, dated 06/20/2023, signed and sealed by Jalal Farooq, P.E.



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7-1/2" X 3" X .071" GALV. STEEL
END ROLLER HINGE
W/ (6) #14 X 5/8" SMS
WITHOUT DELRON SLEEVE (STD.)
WITH DELRON SLEEVE (OPTIONAL)

7-1/2" X 2-1/4" X .071"
GALV. STEEL CENTER HINGE
W/ (4) #14 X 5/8" SMS
WITH DELRON SLEEVE (OPTIONAL)

TOP FIXTURE 5-1/2" X 2-3/4" X 0.1"
STEEL PLATE WITH ONE 5/16-18 MS W/ NUT
FASTENED TO END STILE WITH
(6) #14 X 3/4" SELF DRILLING SCREWS

OPTIONAL DOOR VIEWER
TO BE INSTALLED AT
CENTER STILE

REINF. TRUSS
AT TOP SECTION
REQD. FOR LOADS ABOVE
+50.0, -60.0 PSF

DAB DOOR INC.
Hurricane Master® Model 824/811
Max. Size 9'-4" X 16'-0" High
With Window Lite Option

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

#14 X 3/4" SELF DRILLING SCREWS MAY BE USED
IN LIEU OF #14 X 5/8" SMS

LOCK
2/ DOOR

1" W X .15" THK. LATCH

STANDARD LOCK
SPRING LOADED SLIDE BOLT (BOTH SIDES)
FASTENED W/ (4) #14 X 1/2" S.M.S.
5/8" MIN. LOCK ENGAGEMENT
CONFORMS TO SECTION 1008 REGARDING
GARAGE DOORS

2.78" X 1.35" X 5.7" X .09" STEEL
FASTENED TO END STILE WITH
(2) #14 X 3/4" SMS

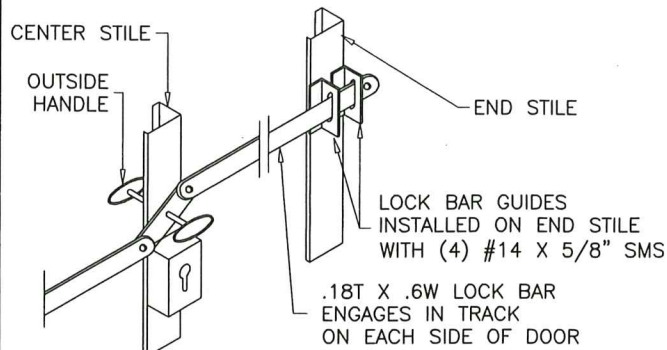
.158 DIA. GALV. AIRCRAFT TYPE
CABLE & NICO-PRESS SLEEVE
W/ MIN. 5 TO 1 SAFETY FACTOR

BRACKET
STD. LIFT DOOR

BRACKET
LOW HEADROOM
DOOR OPTION

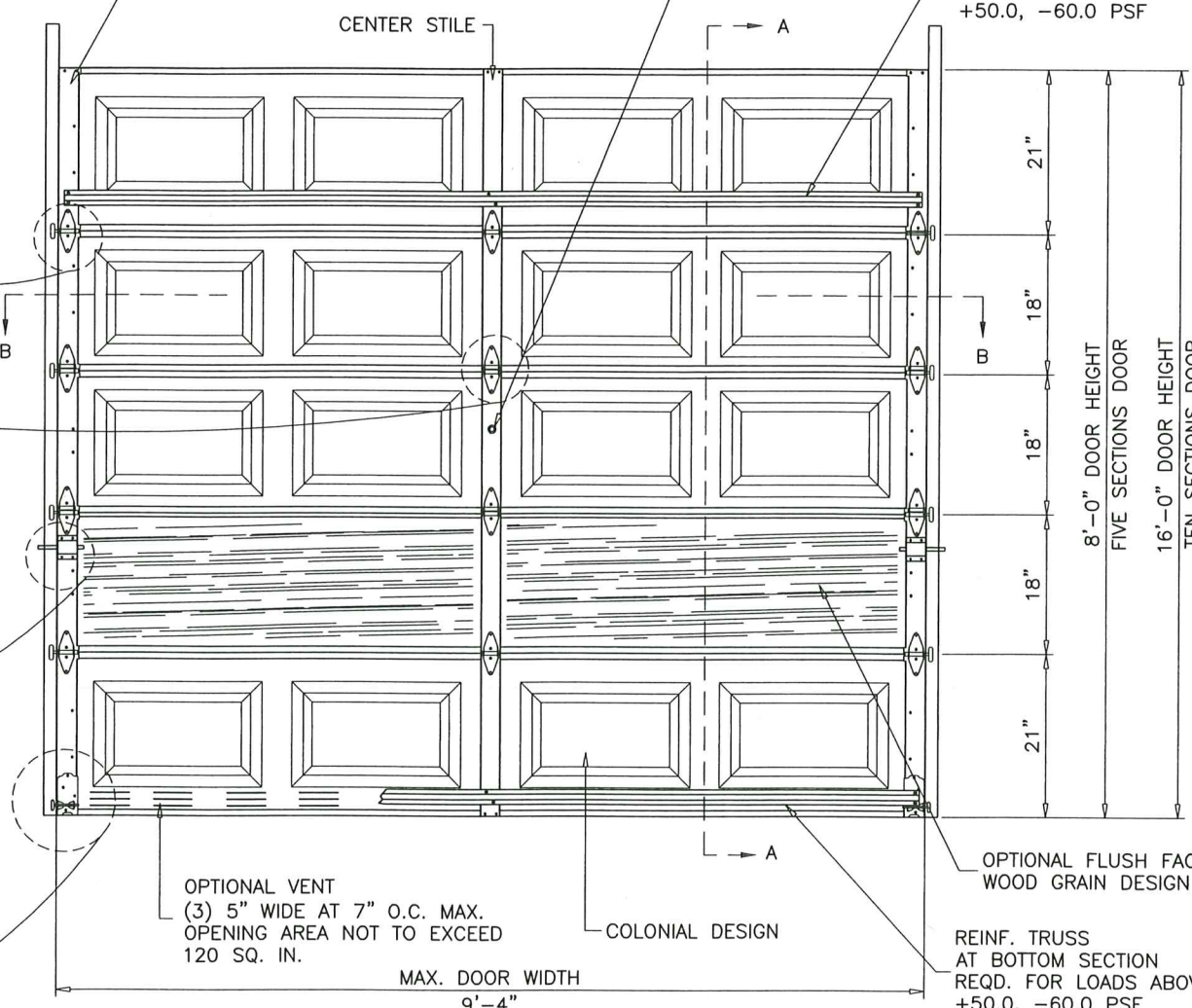
7-7/8" X 3-1/8" X .010"
STEEL PLATE
WITH (4) #14 X 3/4" SDS

DOOR HEIGHT	CONSISTS OF	
6'-6"	2 SECTIONS 18"	2 SECTIONS 21"
6'-9"	1 SECTION 18"	3 SECTIONS 21"
7'	4 SECTIONS 21"	-
7'-3"	-	-
7'-6"	5 SECTIONS 18"	-
7'-9"	4 SECTIONS 18"	1 SECTION 21"
8'	3 SECTIONS 18"	2 SECTIONS 21"
8'-3"	2 SECTIONS 18"	3 SECTIONS 21"
8'-6"	1 SECTION 18"	4 SECTIONS 21"
8'-9"	5 SECTIONS 21"	-
9'	6 SECTIONS 18"	-
9'-3"	5 SECTIONS 18"	1 SECTION 21"
9'-6"	4 SECTIONS 18"	2 SECTIONS 21"
9'-9"	3 SECTIONS 18"	3 SECTIONS 21"
10'	2 SECTIONS 18"	4 SECTIONS 21"
10'-3"	1 SECTION 18"	5 SECTIONS 21"
10'-6"	6 SECTIONS 21"	-
10'-9"	6 SECTIONS 18"	1 SECTION 21"
11'	5 SECTIONS 18"	2 SECTIONS 21"
11'-3"	4 SECTIONS 18"	3 SECTIONS 21"
11'-6"	3 SECTIONS 18"	4 SECTIONS 21"
11'-9"	2 SECTIONS 18"	5 SECTIONS 21"
12'	1 SECTIONS 18"	6 SECTIONS 21"
12'-3"	7 SECTIONS 21"	-
12'-6"	6 SECTIONS 18"	2 SECTIONS 21"
12'-9"	5 SECTIONS 18"	3 SECTIONS 21"
13'	4 SECTIONS 18"	4 SECTIONS 21"
13'-3"	3 SECTIONS 18"	5 SECTIONS 21"
13'-6"	2 SECTIONS 18"	6 SECTIONS 21"
13'-9"	1 SECTION 18"	7 SECTIONS 21"
14'	8 SECTIONS 21"	-
14'-3"	6 SECTIONS 18"	3 SECTIONS 21"
14'-6"	5 SECTIONS 18"	4 SECTIONS 21"
14'-9"	4 SECTIONS 18"	5 SECTIONS 21"
15'	3 SECTIONS 18"	6 SECTIONS 21"
15'-3"	2 SECTIONS 18"	7 SECTIONS 21"
15'-6"	1 SECTION 18"	8 SECTIONS 21"
15'-9"	9 SECTIONS 21"	-
16'	6 SECTIONS 18"	4 SECTIONS 21"



OUTSIDE KEYPED LOCK (OPTIONAL)

LOCK BAR LOCKING SHOWN
ALTERNATE TO SPRING LOADED SLIDE BOLT
LOCKS SHOWN ABOVE



INSIDE ELEVATION

RAISED PANEL EMBOSSED DOOR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0710.19
Expiration Date 10/04/2026
By *H. G. H.*
Miami Dad Product Control

MAXIMUM DESIGN LOAD RATING = + 62.0 PSF
(DOORS WITH REINFORCING TRUSSES) - 70.0 PSF

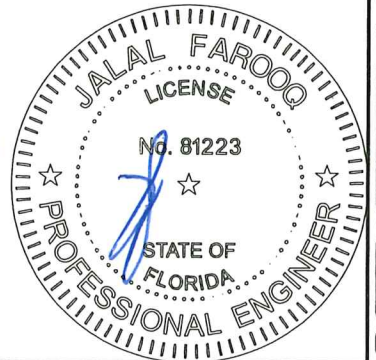
MAXIMUM DESIGN LOAD RATING = + 50.0 PSF
(DOORS WITHOUT REINF. TRUSSES) - 60.0 PSF

DOOR TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF
FLORIDA BUILDING CODE, TAS-202, TAS-201 & TAS-203 FOR
HVHZ AND ASTM E1886-05/ASTM E1996-09.

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
4. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.
5. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.
6. MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

JUN 22 2023



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SECTIONAL GARAGE DOOR
DAB Door Company, Inc.
12193 N.W. 98th Ave.
Hialeah Gardens, Fl. 33018
Tel: (800) 257-2016 Fax: (305) 362-9272

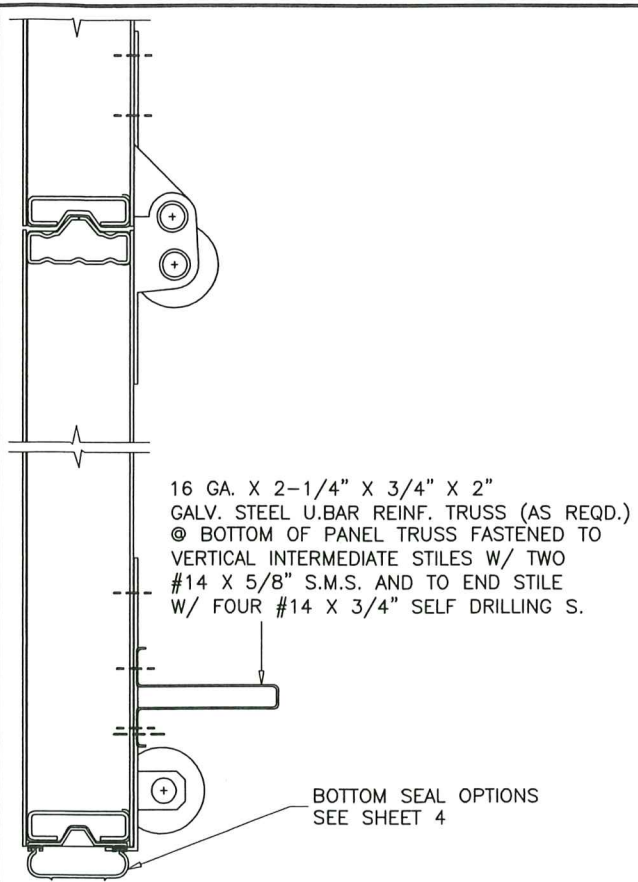
NO	DATE	DESCRIPTION
K	08.02.17	UPDATED TO 2017 FBC
L	07.21.20	UPDATED TO 2020 FBC
M	05.12.22	GENERAL REVISION
N	06.16.23	UPDATED TO 2023 FBC

date: 01-19-01
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
01-05

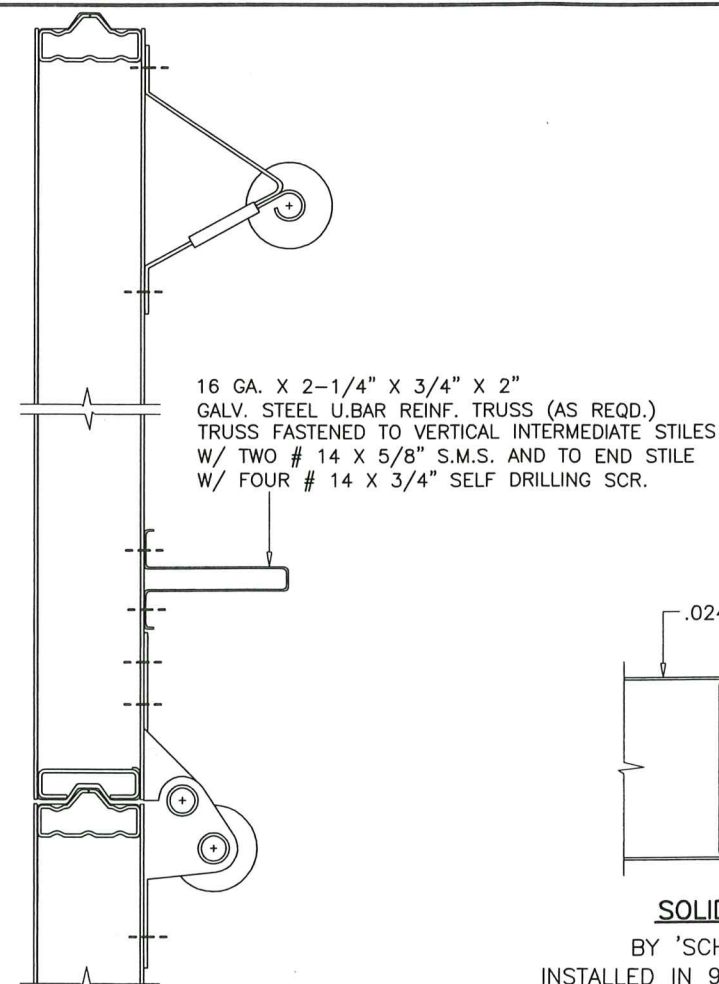
sheet 1 of 6

GARAGE\01-05DAB



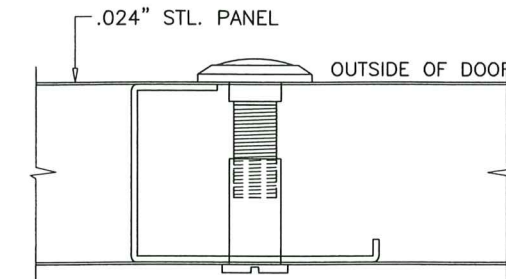
BOTTOM SECTION

REINF. TRUSS AT BOTTOM SECTION
REQD. ONLY FOR LOADS ABOVE
+50.0, -60.0 PSF



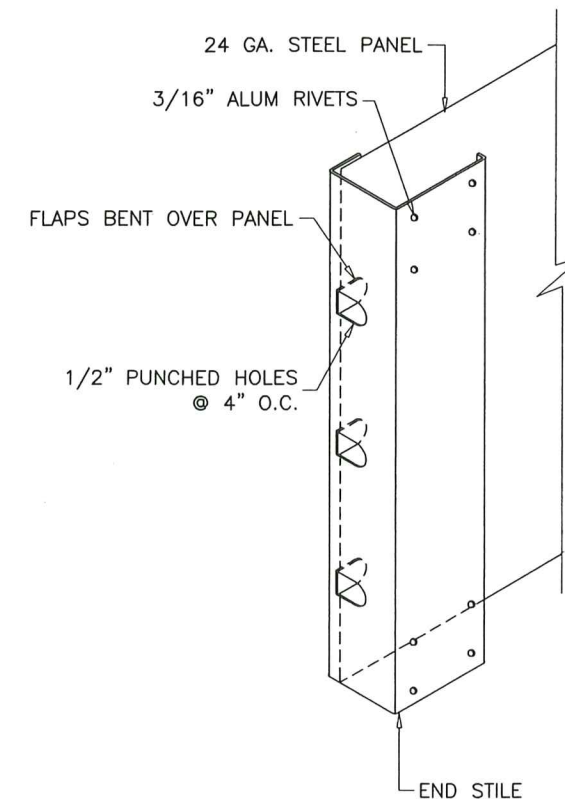
TOP SECTION

REINF. TRUSS AT TOP SECTION
REQD. ONLY FOR LOADS ABOVE
+50.0, -60.0 PSF



SOLID BRASS DOOR VIEWER

BY 'SCHLAGE SECURITY HARDWARE'
INSTALLED IN 9/16" DIA. HOLES IN CENTER STILE
POSITIONED AT EYE LEVEL

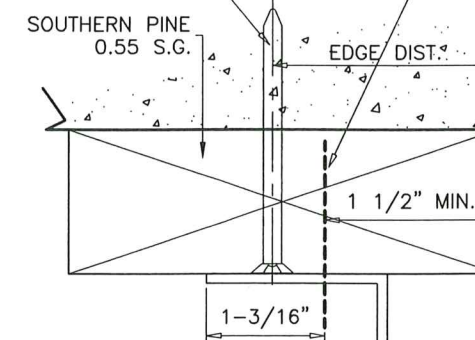


ANCHORS AT TRACK BRACKET:

- A) **3/8" DIA. POWER-BOLT BY 'DEWALT'**
2" MIN. EMBED INTO CONCRETE
1-7/8" MIN. EDGE DISTANCE
- B) **3/8" DIA. HLC SLEEVE BY 'HILTI'**
1-1/4" MIN. EMBED INTO CONCRETE OR FILLED BLOCK
1-5/8" MIN. EDGE DISTANCE INTO CONCRETE
4" MIN. EDGE DISTANCE INTO FILLED BLOCK

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

FOR CONNECTION OF WOOD BUCK
TO MASONRY SEE NOTE ON SHEET 4



STEEL TRACK BRACKET FASTENED
TO WOOD JAMB WITH
5/16" X 1-5/8" LAG SCREW
(FULLY THREADED)
ONE PER BRACKET

OPTIONAL STOP MOULDING
BY DOOR INSTALLER
#14 X 5/8" SMS
4 PER HINGE

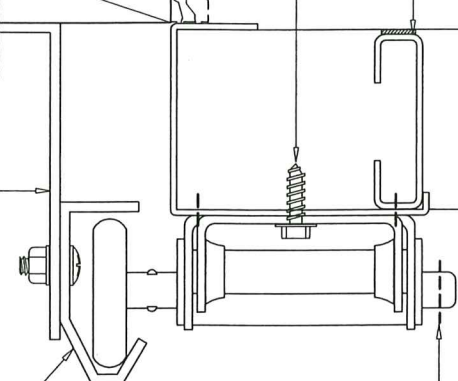
1/2" X 1-3/4" X .059" FORMED STEEL
GLUED TO PANEL AND SECURED TO
END STILE WITH 3/16" POP RIVETS ⊙ 12" O.C.

3/4" X 2" X 2-1/2" X 18 GA. STEEL
END STILE, CONNECT TO PANELS WITH
FLAPS AND (4) 3/16" ALUM RIVETS
SEE DETAIL ABOVE

1-7/8" X 2-5/8" X .045" STEEL
CENTER STILE, GLUED AND RIVETED
TO PANEL W/ (4) 3/16" RIVETS

#14 X 5/8" S.M.S.
4/ HINGE

1.9" X 2.19" X 3.3" X .102"
STEEL TRACK BRACKETS
SEE SHEET 3 FOR SPACING



STEEL TRACK
14 GA. X 2-1/8" X 1" (STANDARD)
12 GA. X 3-5/16" X 1-1/2" (OPTIONAL)
FASTENED TO TRACK PLATES
W/ 1/4-20 X 5/8" TRUSS HD.
SLOTTED M.S. & LOCK NUT

7-1/2" X .071" GALV. STEEL
CENTER HINGE
7/16" PUSHNUT
INSTALLED ON ROLLER SHAFT

SECTION B-B

INTERIOR SIDE

7-1/2" X 3" X .071"
END ROLLER HINGE

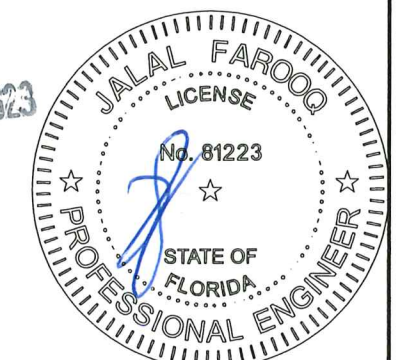
1.82" DIA. X .50" STEEL ROLLERS (STD.)
1.82" DIA. X .50" NYLON ROLLERS (OPTIONAL)
2.75" DIA. X .50" STEEL ROLLERS (OPTIONAL)
2.75" DIA. X .50" NYLON ROLLERS (OPTIONAL)
WITH 5" STEM

ANCHOR TYPE A OR B
(1) PER BRACKET
SEE SHEET 3 FOR BRACKET SPACING

1/4-20 BOLT & NUT

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By *[Signature]*
Miami Door Product Control

JUN 22 2023

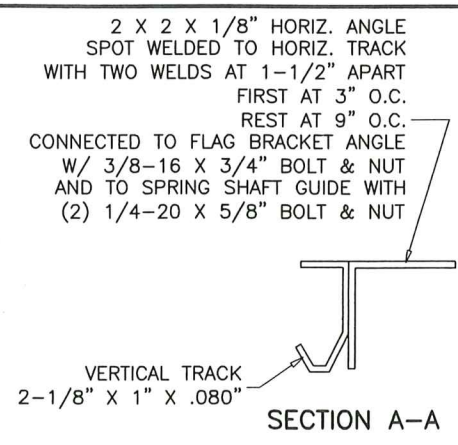
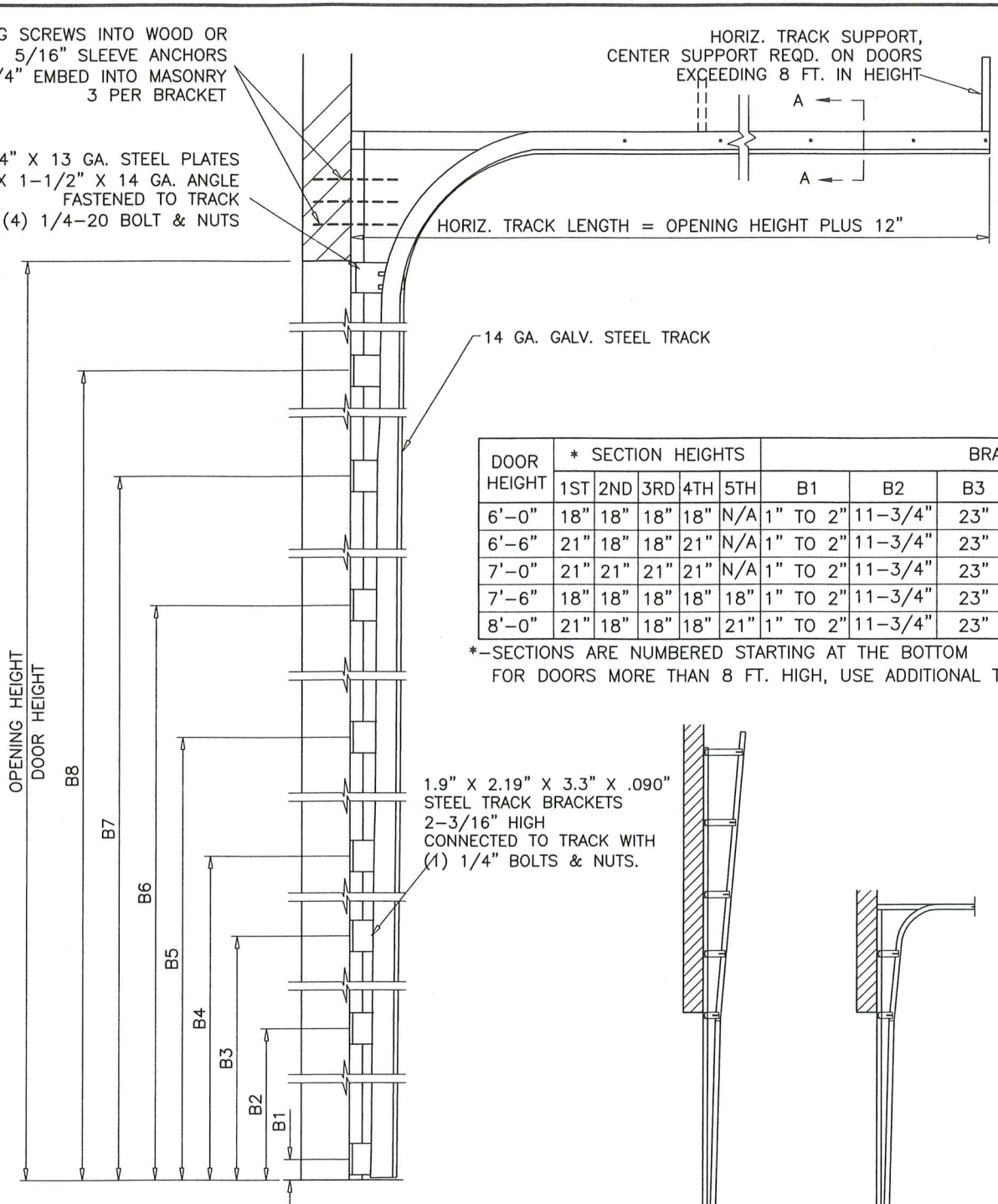
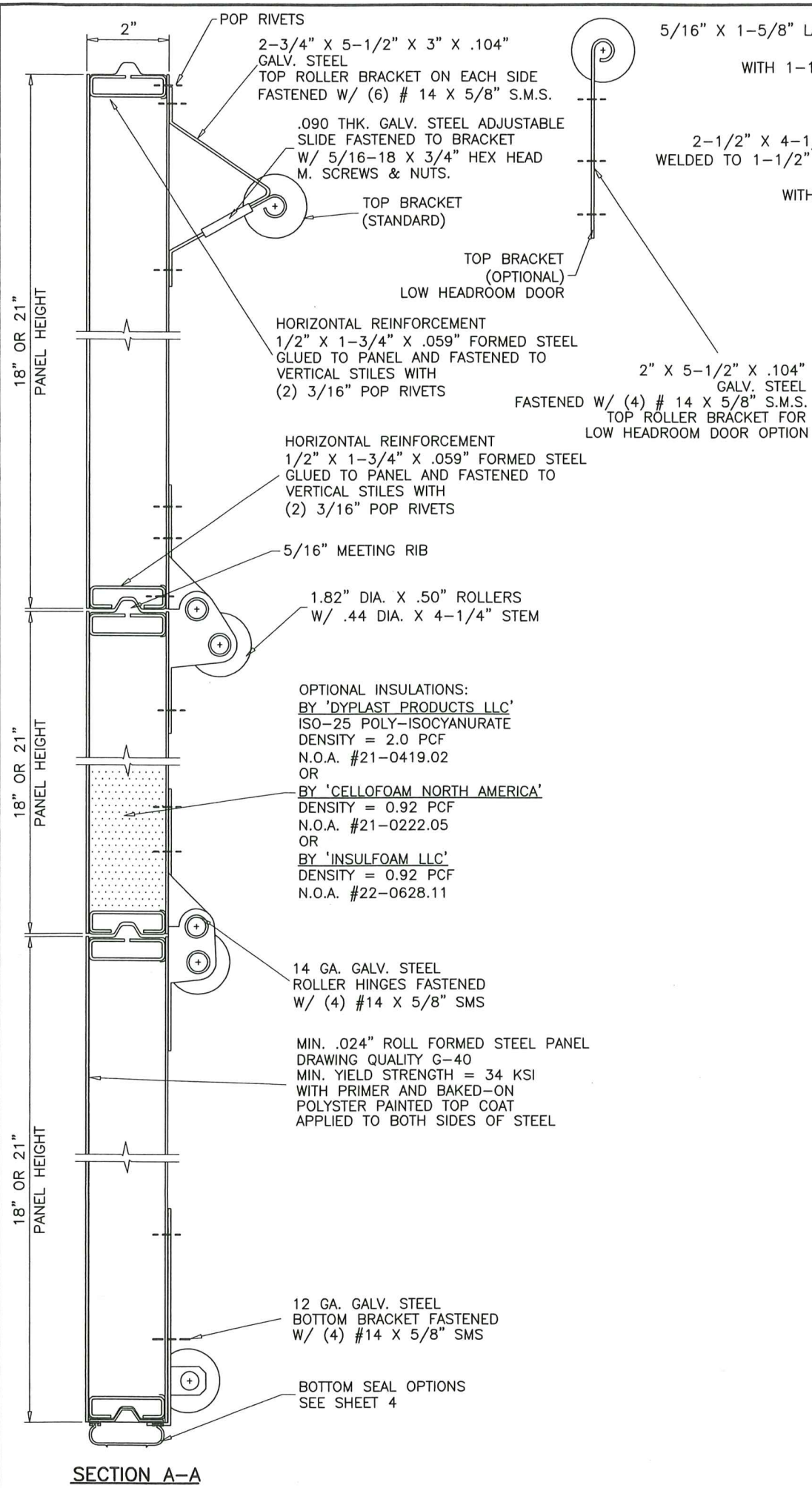


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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
GARAGE\01-05DAB

SECTIONAL GARAGE DOOR
DAB Door Company, Inc.
12193 N.W. 98th Ave.
Hialeah Gardens, Fl. 33018
Tel: (800) 257-2016 Fax: (305) 362-9272

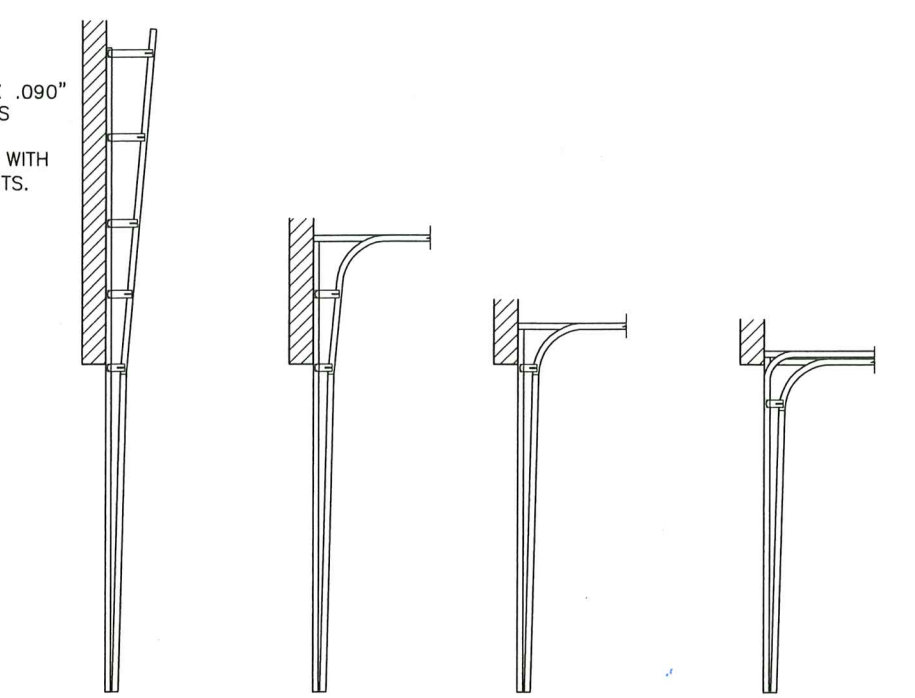
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chk. by:
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01-05
sheet 2 of 6

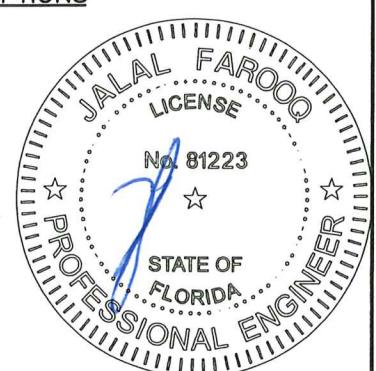


DOOR HEIGHT	* SECTION HEIGHTS					BRACKET PLACEMENTS							
	1ST	2ND	3RD	4TH	5TH	B1	B2	B3	B4	B5	B6	B7	B8
6'-0"	18"	18"	18"	18"	N/A	1" TO 2"	11-3/4"	23"	34"	45"	56"	67"	-
6'-6"	21"	18"	18"	21"	N/A	1" TO 2"	11-3/4"	23"	34"	45"	56"	67"	-
7'-0"	21"	21"	21"	21"	N/A	1" TO 2"	11-3/4"	23"	34"	45"	56"	67"	-
7'-6"	18"	18"	18"	18"	18"	1" TO 2"	11-3/4"	23"	34"	45"	56"	67"	78-1/4"
8'-0"	21"	18"	18"	18"	21"	1" TO 2"	11-3/4"	23"	34"	45"	56"	67"	78-1/4"

*-SECTIONS ARE NUMBERED STARTING AT THE BOTTOM FOR DOORS MORE THAN 8 FT. HIGH, USE ADDITIONAL TRACK BRACKETS AT 10" O.C.



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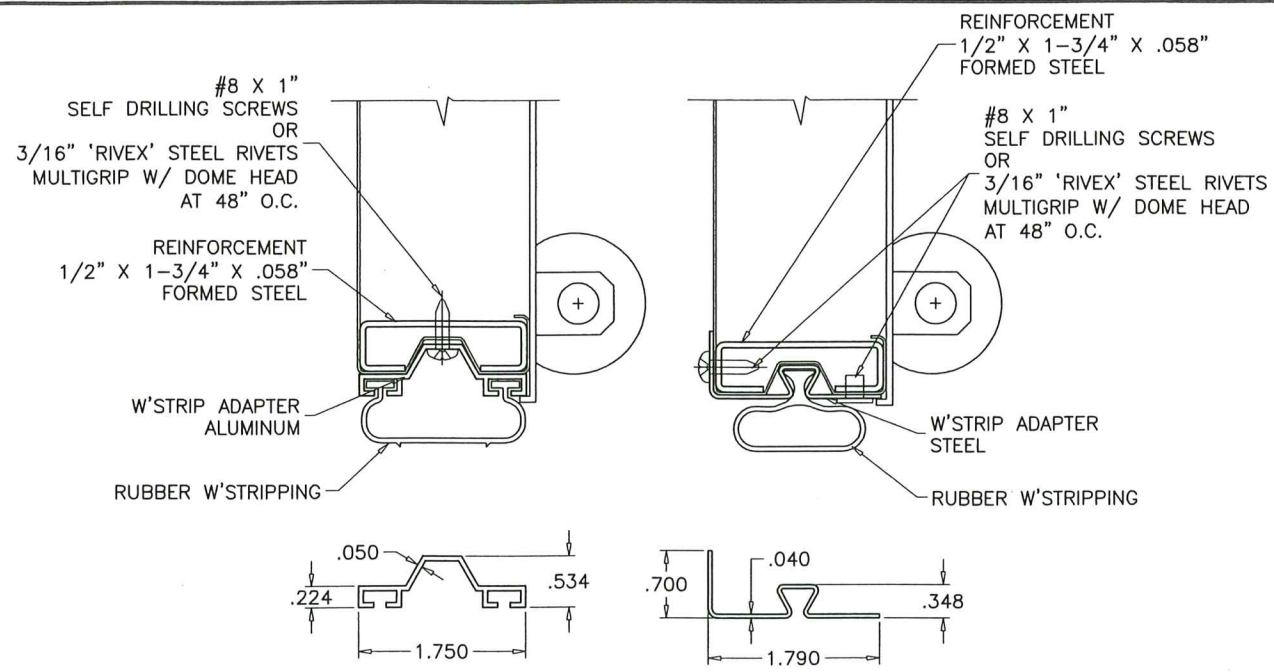
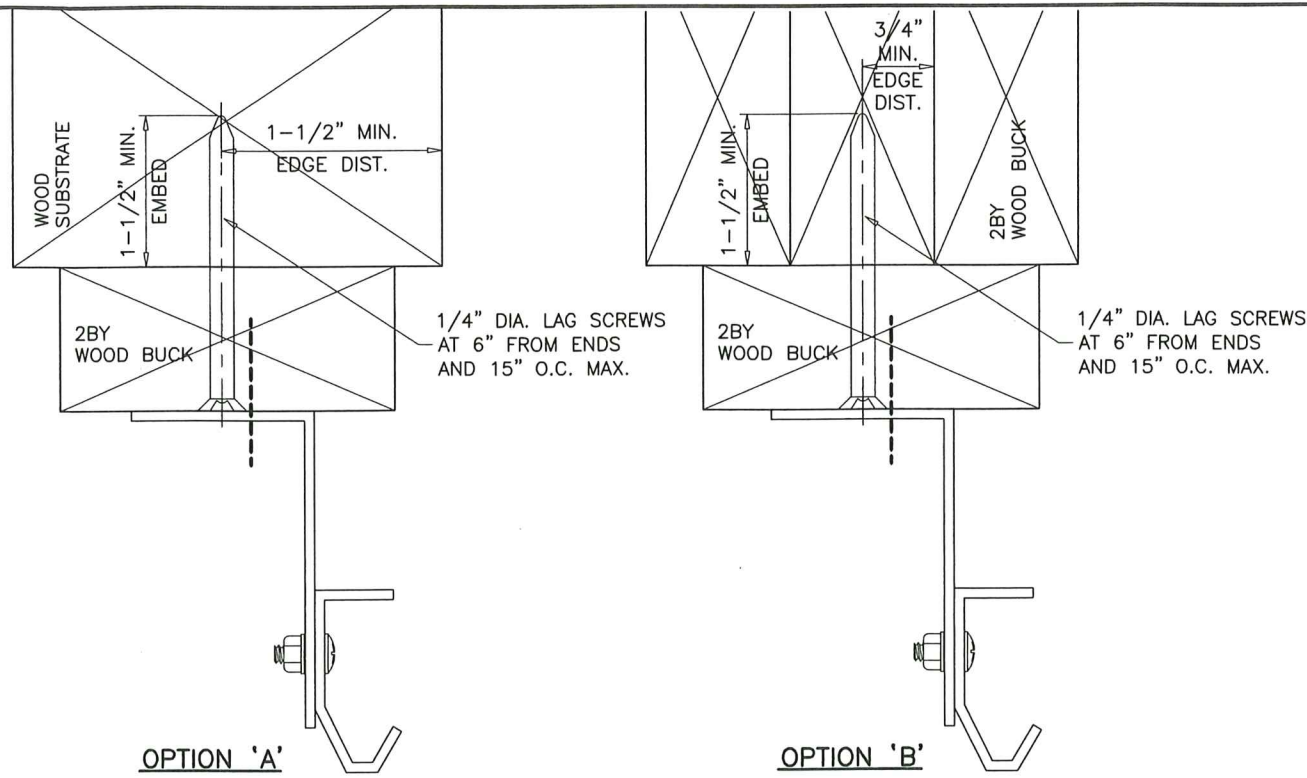
AL-FAROOQ CORPORATION
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 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
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BOTTOM SEAL OPTIONS

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'	CONC.	1-1/4"	8"	2"
3/8" HLC SLEEVE BY 'HILTI'	FILLED BLOCK	1-1/4"	8"	4"
3/8" DYNABOLT BY 'ITW'	CONC.	1-1/2"	8"	2-1/2"
3/8" CONFLEX BY 'ELCO'	FILLED BLOCK	2"	8"	3-3/4"
3/8" POWER-BOLT BY 'DEWALT'	CONC.	2"	8"	1-7/8"
3/8" SLEEVE-ALL BY 'SIMPSONS'	CONC.	1-1/2"	8"	1-7/8"

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

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

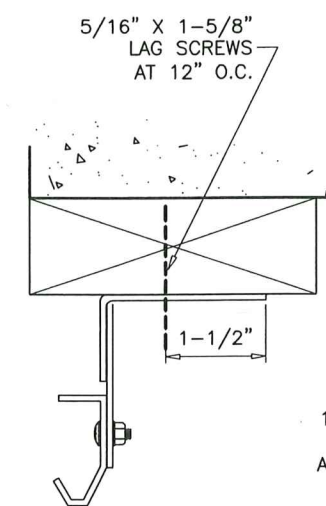
3/8" CONFLEX BY 'ELCO' OR 3/8" LDT BY 'ITW' WITH SPACING OF 23" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED 3" MIN. EDGE DISTANCE

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

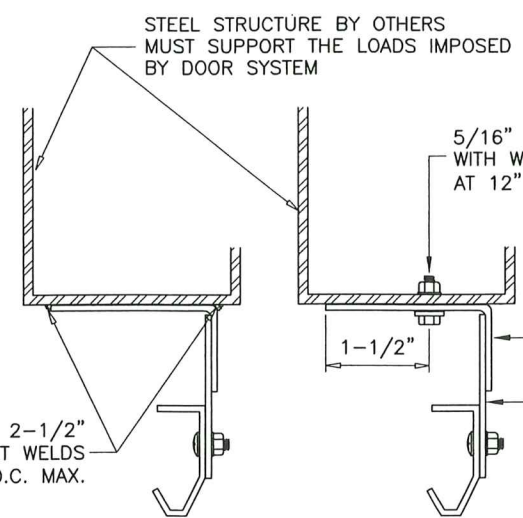
PREPARATION OF JAMBS BY OTHERS

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.

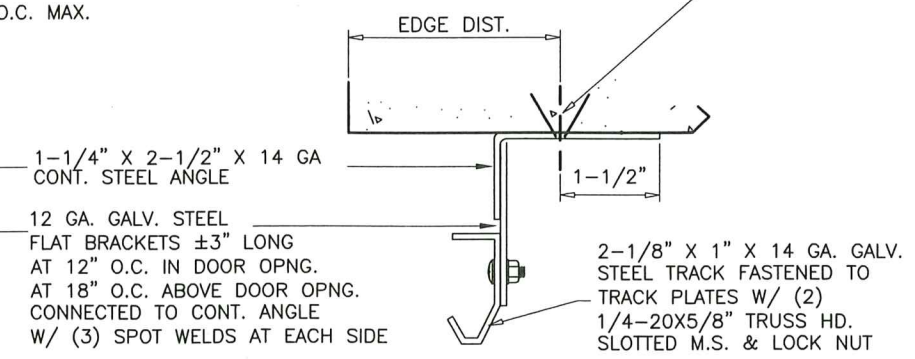
MAXIMUM EXTERIOR(+) LOAD PER JAMB = (9.33' X 62 PSF)/2 = 289.3 Lbs per Ft.
MAXIMUM INTERIOR(-) LOAD PER JAMB = (9.33' X 70 PSF)/2 = 326.5 Lbs per Ft.



CONTINUOUS ANGLE TRACK TO WOOD BUCK



REVERSE TRACK TO STEEL

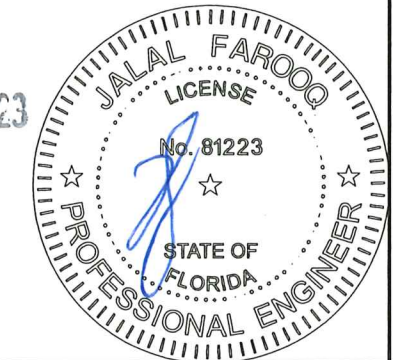


CONTINUOUS ANGLE TRACK TO CONCRETE AND FILLED BLOCK

ALTERNATE TRACK INSTALLATION

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Miami Door Product Control

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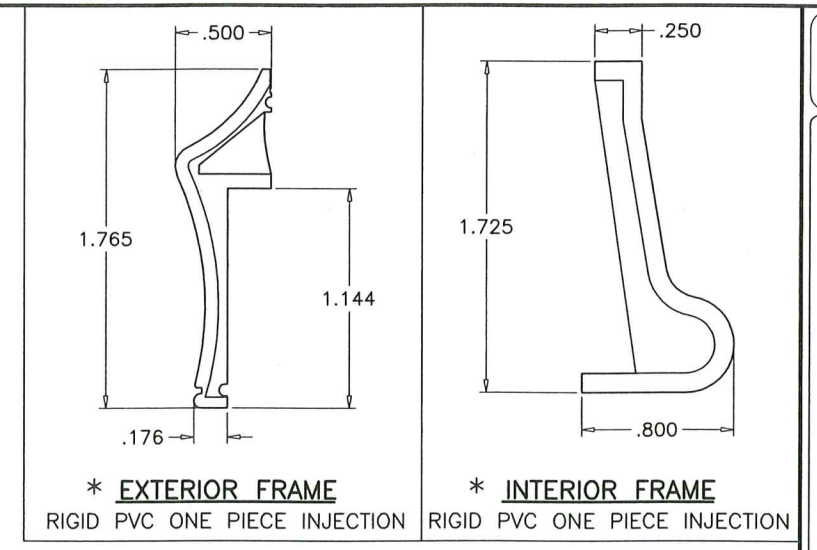
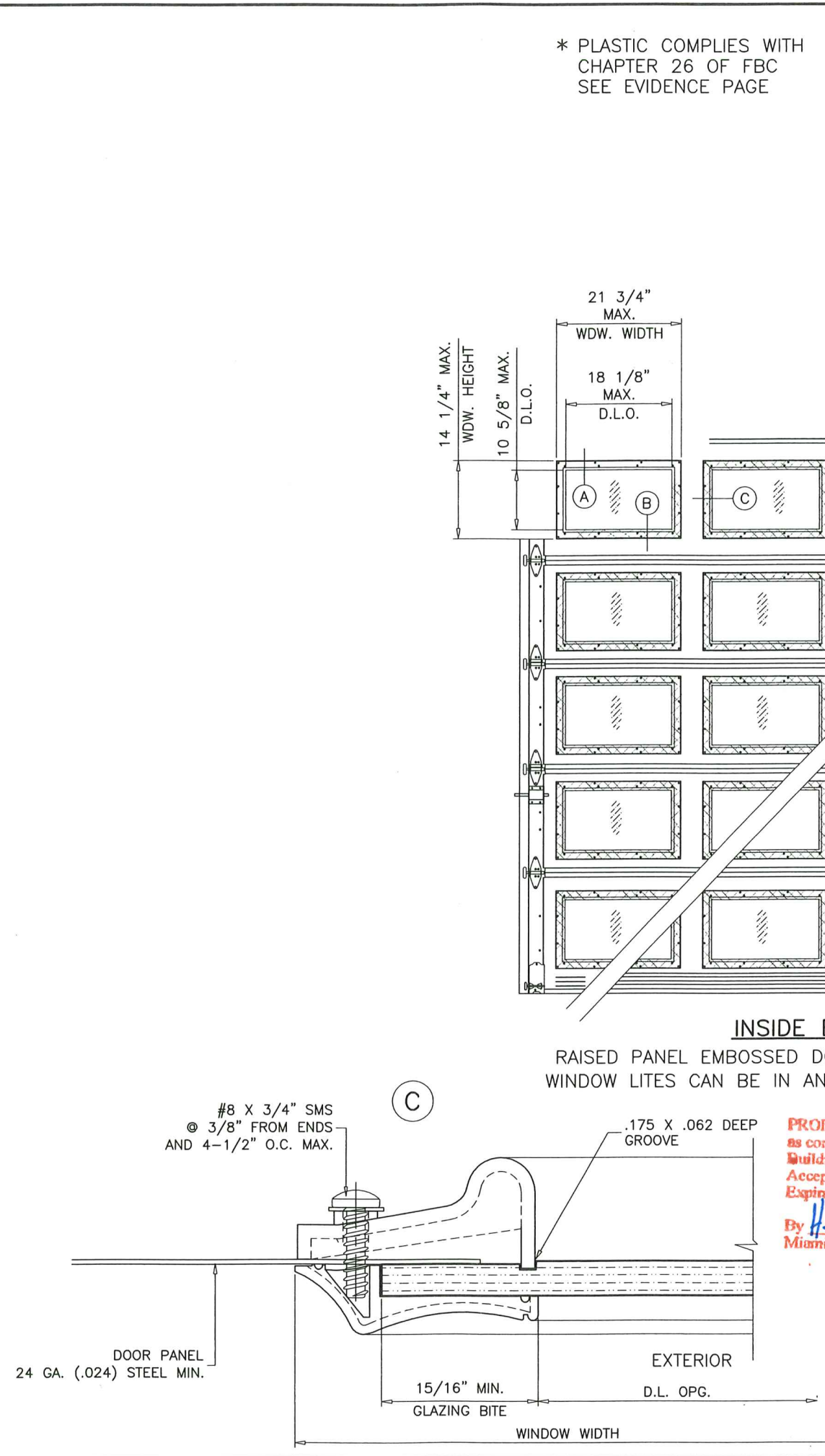
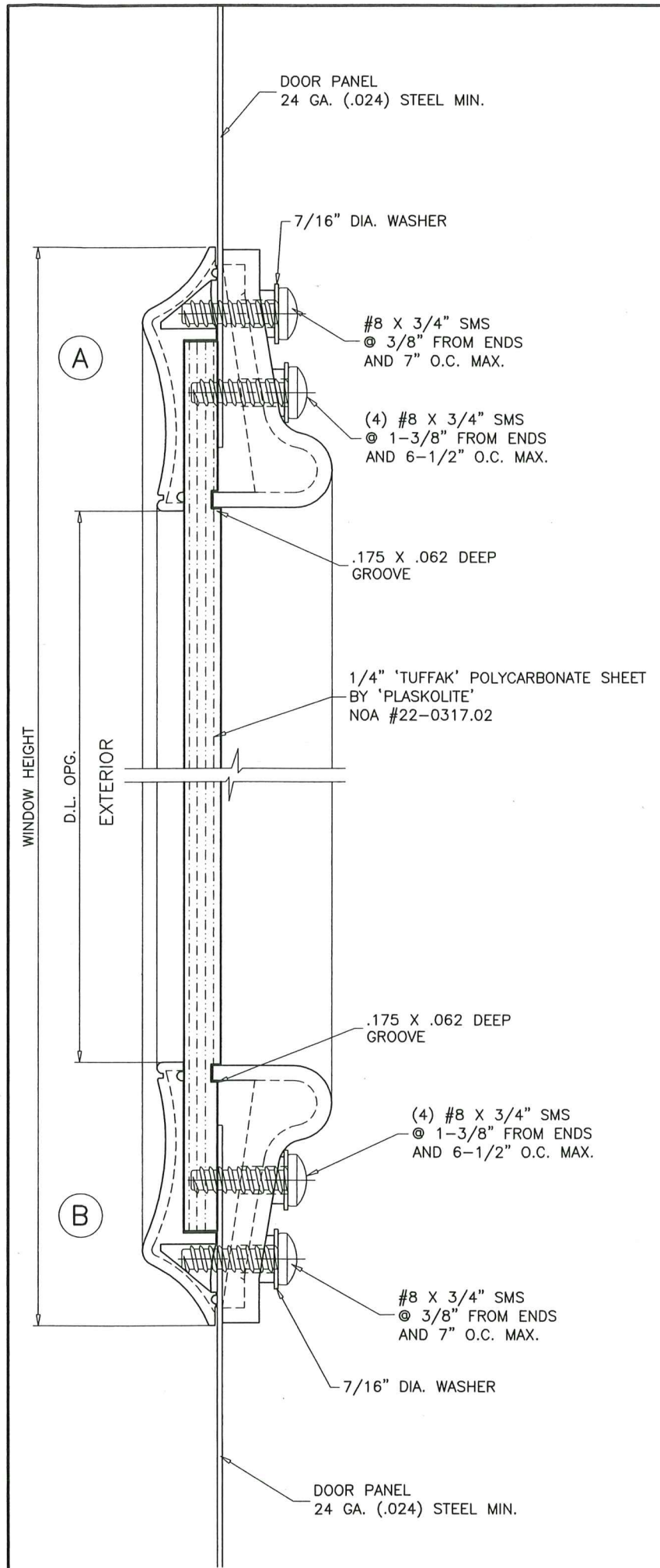
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chk. by:

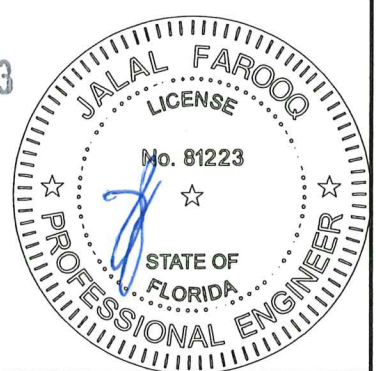
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sheet 4 of 6



INSIDE ELEVATION

RAISED PANEL EMBOSSED DOOR WITH OPTIONAL WINDOWS
WINDOW LITES CAN BE IN ANY LOCATION IN DOOR SECTION

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By *Hesby A. Alkhatib*
Miami Door Product Control **JUN 22 2023**



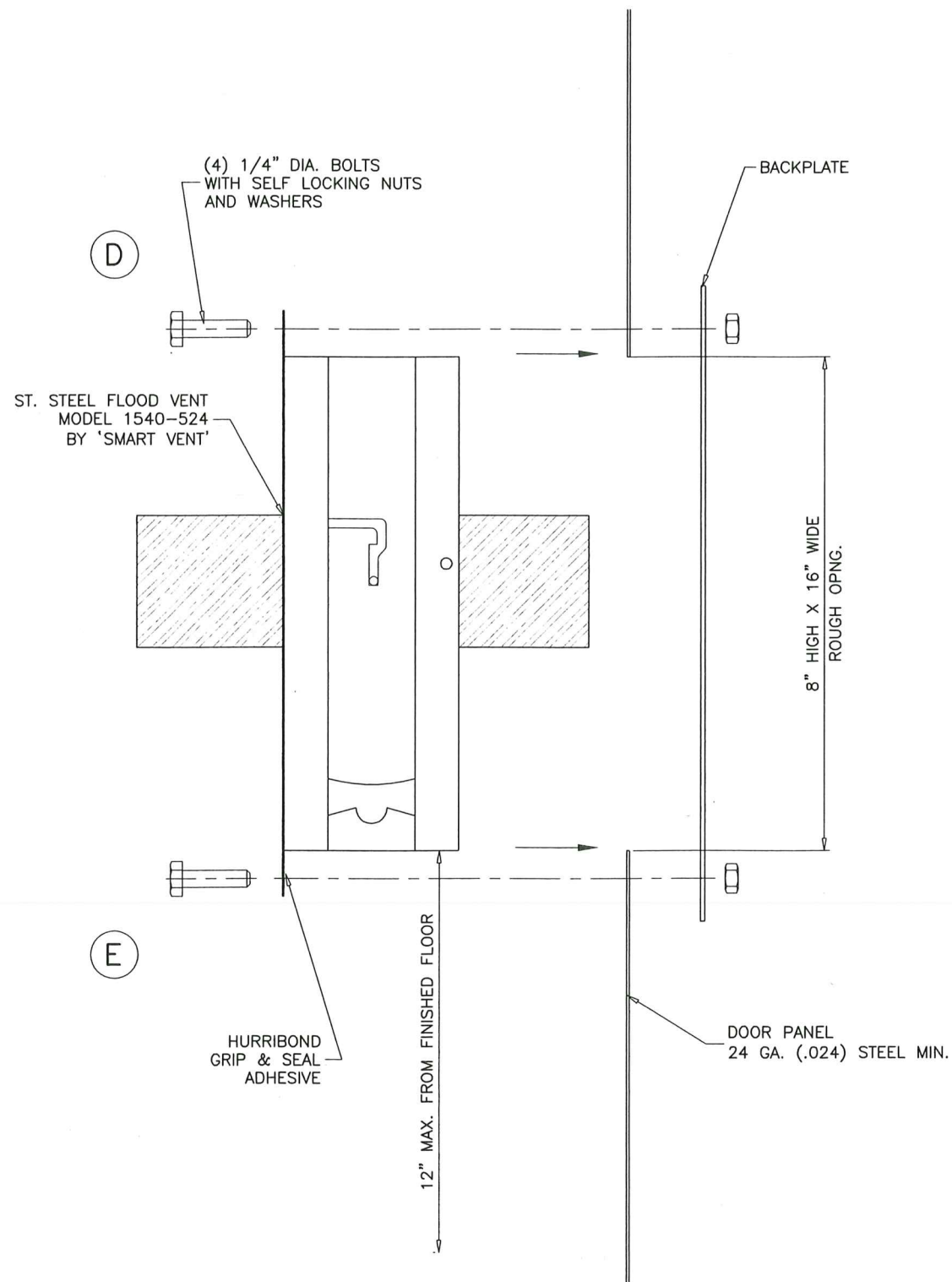
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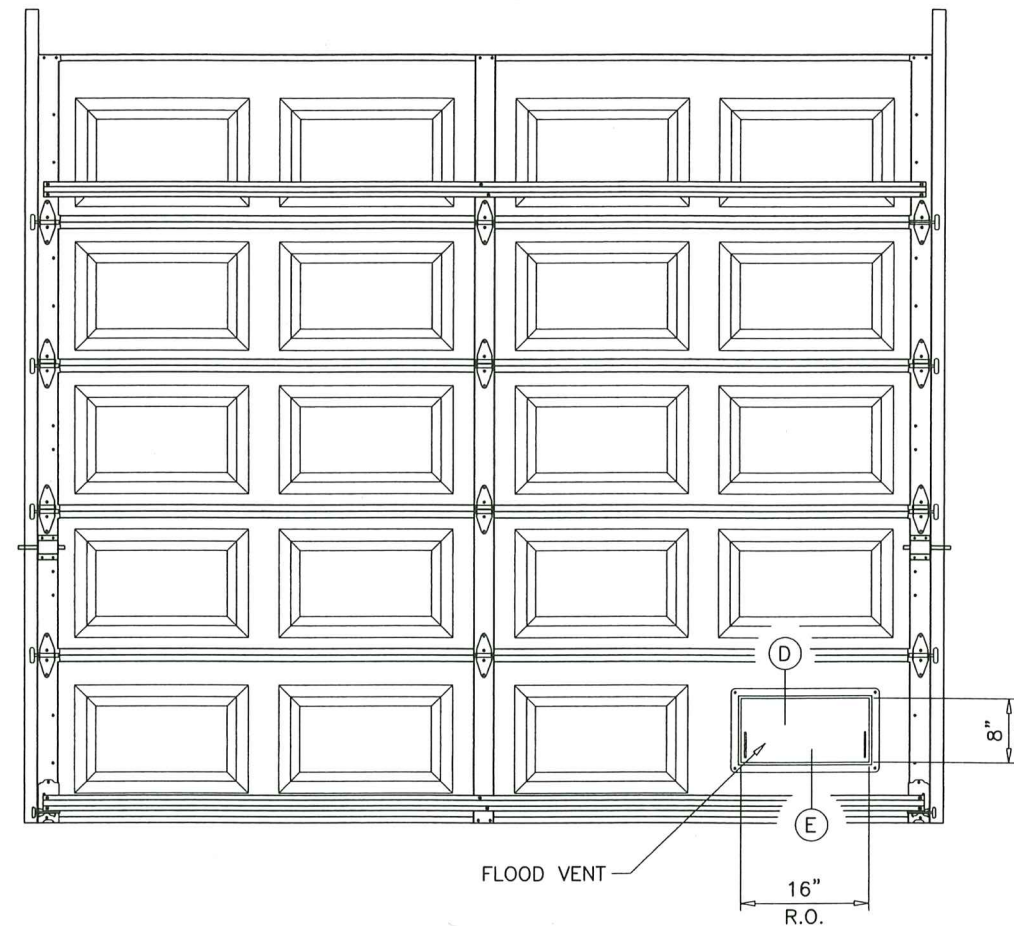
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FLOOD VENT DETAIL
AUTOMATIC NON-POWERED ACTIVATION & OPERATION



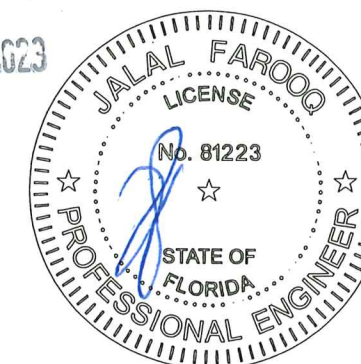
INSIDE ELEVATION

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.

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as complying with the Florida
Building Code **23-0710-19**
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By *Heidi A. Miller*
Miami Door Product Control

JUN 22 2023



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Revisions:	
no	date by description
M	05.12.22 GENERAL REVISION
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dr. by: TARIQ
chk. by:

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