U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2018

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

| SECTION A – PROPERTY INFORMATION | | FOR INSURANCE COMPANY USE |
|---|---|---|
| A1. Building Owner's Name<br>MARTHA DOUGLAS | | Policy Number: |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | Company NAIC Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br>0909I-02-004.001 LOT 1, BAYOU BEND SUBDIVISION | | |

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 30 25'27.5" Long. -089 02'19.7" Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1B

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) 0 sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0

c) Total net area of flood openings in A8.b 0 sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage 576 sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 3

c) Total net area of flood openings in A9.b 615 sq in

d) Engineered flood openings? ☒ Yes ☐ No

## SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

| B1. NFIP Community Name & Community Number | B2. County Name | B3. State |
|---|---|---|
| CITY OF GULPORT, 285253 | HARRISON | Mississippi |

| B4. Map/Panel Number | B5. Suffix | B6. FIRM Index Date | B7. FIRM Panel Effective/ Revised Date | B8. Flood Zone(s) | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) |
|---|---|---|---|---|---|
| 28047C0266 | G | 12/21/2017 | 06/16/2009 | AE | 15 |

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | | Policy Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 | Company NAIC Number |

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: GPS RTK NETWORK Vertical Datum: NAVD88, GEOID 2009

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

| | | Check the measurement used. | |
|---|---|---|---|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 16.3 | ☒ feet | ☐ meters |
| b) Top of the next higher floor | N/A | ☒ feet | ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | N/A | ☒ feet | ☐ meters |
| d) Attached garage (top of slab) | 10.2 | ☒ feet | ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | 16.0 | ☒ feet | ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 10.6 | ☒ feet | ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 11.6 | ☒ feet | ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 11.4 | ☒ feet | ☐ meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

| | | |
|---|---|---|
| Certifier's Name<br>CLIFFORD A. CROSBY, P.L.S. | License Number<br>MS 2539 | |
| Title<br>OWNER | | |
| Company Name<br>CROSBY SURVEYING | | |
| Address<br>716 LIVE OAK DRIVE | | |
| City<br>BILOXI | State<br>Mississippi | ZIP Code<br>39532 |
| Signature | Date<br>12/04/2019 | Telephone<br>(228) 234-1649 |

CLIFFORD A. CROSBY REGISTERED PROFESSIONAL LAND SURVEYOR Place Seal Here MS 2539 STATE OF MISSISSIPPI

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)
LOWEST MACHINERY IS THE BOTTOM OF THE AIR CONDITIONING UNIT ON RAISED PLATFORM.

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | | Policy Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 | Company NAIC Number |

## SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

| G4. Permit Number | G5. Date Permit Issued | G6. Date Certificate of Compliance/Occupancy Issued |
|---|---|---|
| | | |

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

| Local Official's Name | Title |
|---|---|
| | |
| Community Name | Telephone |
| | |
| Signature | Date |
| | |

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | | Policy Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 | Company NAIC Number |

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ . _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ . _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ . _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ . _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ . _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

| Property Owner or Owner's Authorized Representative's Name | | | |
|---|---|---|---|
| Address | City | State | ZIP Code |
| Signature | Date | Telephone | |

Comments

☐ Check here if attachments.

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | | Policy Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 | Company NAIC Number |

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Photo One

Photo One Caption FRONT VIEW 12/03/2019

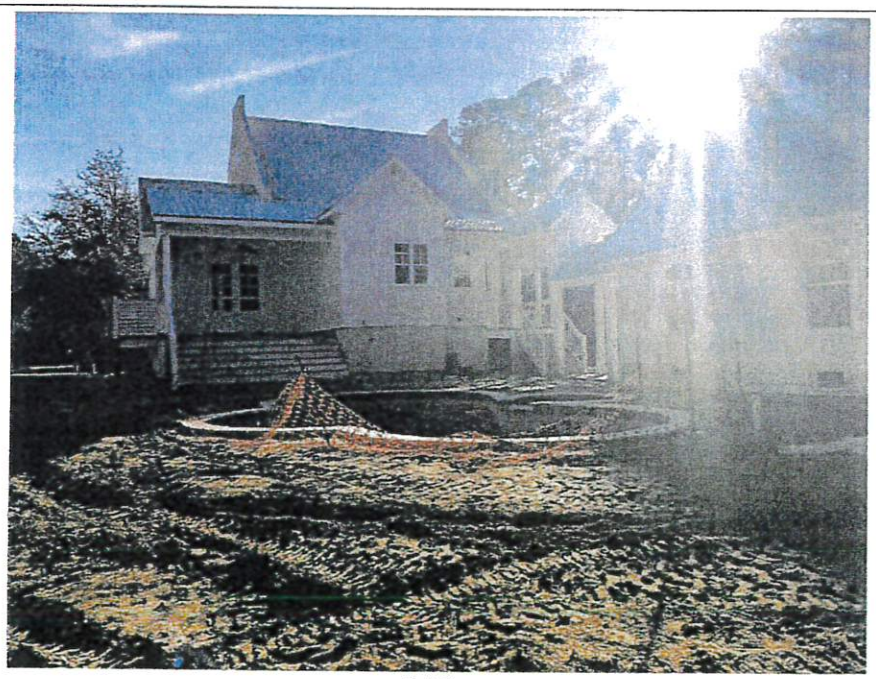

Photo Two

Photo Two Caption REAR VIEW 12/03/2019

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS
Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>9555 NORTH BAYOU BEND DRIVE | | | Policy Number: |
| City<br>GULFPORT | State<br>Mississippi | ZIP Code<br>39503 | Company NAIC Number |

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo One

Photo One Caption RIGHT SIDE VIEW 12/03/2019

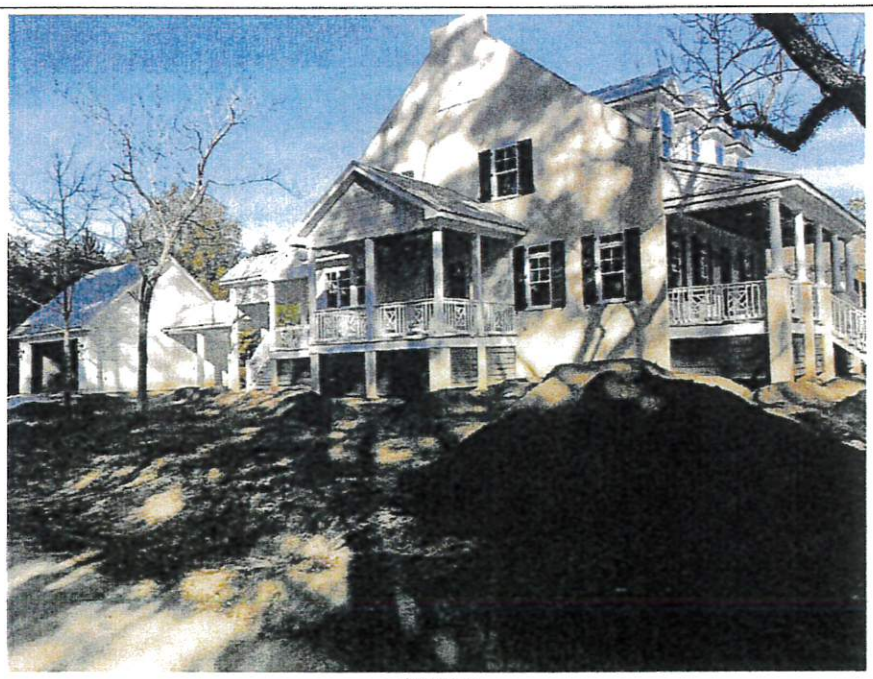

Photo Two

Photo Two Caption LEFT SIDE VIEW 12/03/2019

Douglas Lot 1 Bayou Bend 9535 North Bayou Bend Dr.

ICC EVALUATION SERVICE

In Cooperation with Innovation RESEARCH LABS

*Most Widely Accepted and Trusted*

# ICC-ES Evaluation Report

# ESR-3851

ICC-ES | (800) 423-6587 | (562) 699-0543 | www.icc-es.org

Issued 09/2018

This report is subject to renewal 09/2019.

**DIVISION: 08 00 00—OPENINGS**

**SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS**

3 Each

**REPORT HOLDER:**

## CRAWL SPACE DOOR SYSTEMS, INC.

**EVALUATION SUBJECT:**

## CRAWL SPACE DOOR SYSTEMS FLOOD VENT

ICC ES · ICC ES PMG · ICC ES LISTED

*"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence"*

A Subsidiary of ICC INTERNATIONAL CODE COUNCIL

# ICC-ES Evaluation Report

**ESR-3851**

*Issued September 2018*
*This report is subject to renewal September 2019.*

www.icc-es.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

**DIVISION: 08 00 00—OPENINGS**
**Section: 08 95 43—Vents/Foundation Flood Vents**

**REPORT HOLDER:**

**CRAWL SPACE DOOR SYSTEMS, INC.**

**EVALUATION SUBJECT:**

**CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

## 1.0 EVALUATION SCOPE

**Compliance with the following codes:**

- 2018 and 2015 *International Building Code®*
- 2018 and 2015 *International Residential Code®*

**Properties evaluated:**

- Physical operation
- Water flow
- Weathering

## 2.0 USES

Crawl Space Door Systems flood vent is used to provide for the equalization of hydrostatic flood forces on exterior walls.

## 3.0 DESCRIPTION

### 3.1 General:

Crawl Space Door Systems flood vent is an engineered mechanically operated flood vent. Upon contact with flood water, the flood vent automatically opens and allows flood water to enter and exit enclosed areas. The vents are constructed of general purpose ABS SP-9010 plastic. The vent has a faux louver with either a solid plastic plate or wire mesh attached to the back of the louver. The louver is dislodged from the vent upon contact with flood waters. See Figure 1 for illustrations of the flood vent.

### 3.2 Engineered Opening:

The Crawl Space Door Systems static flood vent complies with the design principle noted in Section 2.7.2.2 of ASCE/SEI 24 for a rate of rise and fall of 5 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24-14, the flood vent must be installed in accordance with Section 4.0 of this report.

## 4.0 DESIGN AND INSTALLATION

The Crawl Space Door Systems flood vent is designed to be installed into walls or doors of existing or new construction from the exterior side. Installation of the vent must be in accordance with the manufacturer's instructions, the applicable code and this report. In order to comply with the engineered opening design principle noted in Sections 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14, the vent must be installed as follows:

- With a minimum of two openings; one on different sides of each enclosed area.
- With a minimum of one vent for the square footage of enclosed area noted in Table 1.
- Below the base flood elevation.
- With the bottom of the vent located a maximum of 12 inches (305 mm) above grade.

## 5.0 CONDITIONS OF USE

The Crawl Space Door Systems flood vent described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The Crawl Space Door Systems flood vent must be installed in accordance with this report, the applicable code and the manufacturer's published installation instructions. In the event of a conflict, the instructions in this report govern.

5.2 Use of Crawl Space Door Systems flood vent as under-floor space ventilation is outside the scope of this report.

## 6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (Editorially revised October 2017).

## 7.0 IDENTIFICATION

7.1 The Crawl Space Door Systems flood vent recognized in this report must be identified by a label bearing the manufacturer's name (Crawl Space Door Systems), the model number, and the evaluation report number (ESR-3851).

7.2 The report holder's contact information is the following:

**CRAWL SPACE DOOR SYSTEMS, INC.**
**3669 SEA GULL BLUFF DRIVE**
**VIRGINIA BEACH, VIRGINIA 23455**
**(757) 363-0005**
**www.crawlspacedoors.com**

**TABLE 1—CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

| MODEL | OVERALL VENT SIZE (Width x Height x Depth) (in) | ROUGH OPENING SIZE (Width x Height) (in) | ENCLOSED AREA COVERAGE ($ft^2$) |
|---|---|---|---|
| CSBA816 | $18^1/_4 \times 10^1/_2 \times 1^3/_4$ | $16 \times 8^1/_4$ | 305 |

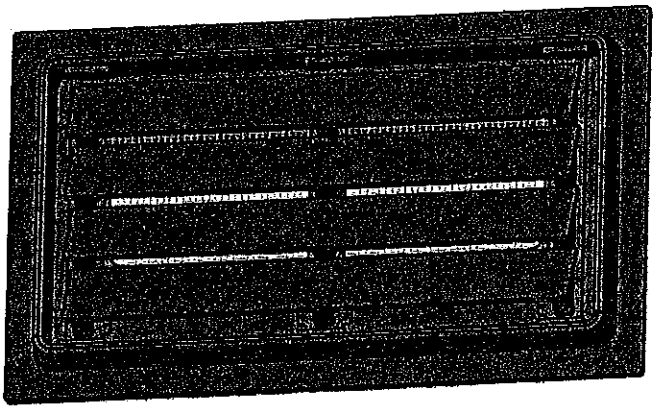

**FIGURE 1—CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

# ICC-ES Evaluation Report

# ESR-3851 FBC Supplement

*Issued September 2018*

*This report is subject to renewal September 2019.*

www.icc-es.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

**DIVISION: 08 00 00—OPENINGS**
**Section: 08 95 43—Vents/Foundation Flood Vents**

**REPORT HOLDER:**

**CRAWL SPACE DOOR SYSTEMS, INC.**

**EVALUATION SUBJECT:**

**CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

## 1.0 REPORT PURPOSE AND SCOPE

**Purpose:**

The purpose of this evaluation report supplement is to indicate that Crawl Space Door Systems flood vent, recognized in ICC-ES master evaluation report ESR-3851, has also been evaluated for compliance with the codes noted below.

**Applicable code editions:**

- 2017 *Florida Building Code—Building*
- 2017 *Florida Building Code—Residential*

## 2.0 CONCLUSIONS

The Crawl Space Door Systems flood vent, described in Sections 2.0 through 7.0 of the master evaluation report ESR-3851, complies with the *Florida Building Code—Building* and *Florida Building Code—Residential*, provided the design and installation are in accordance with the 2015 *International Building Code®* provisions noted in the master report.

Use of the Crawl Space Door Systems flood vent has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the 2017 *Florida Building Code—Building* and *Florida Building Code—Residential*.

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the master report, issued September 2018.

# Wayne Dalton GARAGE DOORS — Models 9100-5120-9605

| Option Code | Positive Design PSF | Negative Design PSF | Maximum Size Width | Maximum Size Height | Approvals[3] FBC | Approvals[3] TDI | Glazing available[6] | Source Plant | ASCE 7-05 3-Second Gust Basic Wind Speeds (MPH)[4] Exposure B Mean Roof Height ≤ 30' | ASCE 7-05 Exposure C Mean Roof Height ≤ 15' | ASCE 7-05 Exposure C Mean Roof Height ≤ 25' | ASCE 7-10 3-Second Gust Basic Wind Speeds (MPH)[5] Exposure B Mean Roof Height ≤ 30' | ASCE 7-10 Exposure C Mean Roof Height ≤ 15' | ASCE 7-10 Exposure C Mean Roof Height ≤ 25' | ASCE 7-10 Exposure D Mean Roof Height ≤ 15' | ASCE 7-10 Exposure D Mean Roof Height ≤ 25' |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Max 21" Section Height** | | | | | | | | | | | | | | | | |
| 0228[2] | 26.90 | 30.80 | 9'-0" | 8'-9" | FL 9174 | GDR-34 | Standard SP/LP, Impact SP/LP | Mt. Hope, Pensacola | 130 | 115 | 110 | 165 | 150 | 145 | 135 | 130 |
| 0240 | 26.90 | 30.80 | 9'-0" | 8'-9" | FL 21465 | N/A | Standard Sonoma Ranch Glazing Only | Mt. Hope | 130 | 115 | 110 | 165 | 150 | 145 | 135 | 130 |
| 0234[2] | 43.20 | 49.60 | 9'-0" | 8'-9" | FL 9174 | GDR-34 | Standard SP, Impact SP/LP | Mt. Hope, Pensacola | 165 | 150 | 140 | 215 | 190 | 180 | 175 | 165 |
| 0241 | 15.30 | 17.00 | 16'-0" | 8'-9" | FL 21465 | N/A | Standard Sonoma Ranch Glazing Only | Mt. Hope | 100 | 90 | 85 | 125 | 115 | 110 | 105 | 100 |
| 0229 | 15.30 | 17.00 | 16'-0" | 8'-9" | FL 9174 | N/A | Standard SP/LP | Pensacola | 100 | 90 | 85 | 125 | 115 | 110 | 105 | 100 |
| 0230[2] | 25.90 | 28.80 | 16'-0" | 8'-9" | FL 9174 | GDR-34 | Standard SP/LP, Impact SP/LP | Mt. Hope, Pensacola | 130 | 115 | 110 | 165 | 150 | 145 | 135 | 130 |
| 0242 | 25.90 | 28.80 | 16'-0" | 8'-9" | FL 21465 | N/A | Standard Sonoma Ranch Glazing Only | Mt. Hope | 130 | 115 | 110 | 165 | 150 | 145 | 135 | 130 |
| 0231[2] | 30.00 | 33.50 | 16'-0" | 8'-9" | FL 9174 | GDR-34 | No | Mt. Hope, Pensacola | 140 | 125 | 120 | 180 | 160 | 155 | 146 | 140 |
| 0235 Post[2] | 39.20 | 43.70 | 16'-0" | 8'-0" | FL 9174 | GDR-34 | Standard SP, Impact SP/LP | Mt. Hope, Pensacola | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |
| 0243 | 12.40 | 13.80 | 18'-0" | 8'-9" | FL 21465 | N/A | Standard Sonoma Ranch Glazing Only | Mt. Hope | 90 | 80 | 75 | 115 | 105 | 100 | 95 | 90 |
| 0232 | 12.40 | 13.80 | 18'-0" | 8'-9" | FL 9174 | N/A | Standard SP/LP | Mt. Hope, Pensacola | 90 | 80 | 75 | 115 | 105 | 100 | 95 | 90 |
| 0233 | 18.50 | 20.70 | 18'-0" | 8'-9" | FL 9174 | GDR-34 | Standard SP | Mt. Hope, Pensacola | 110 | 100 | 95 | 140 | 125 | 120 | 115 | 110 |
| 0236 Post[2] | 30.00 | 33.50 | 18'-0" | 8'-0" | FL 9174 | GDR-34 | Standard SP, Impact SP/LP | Mt. Hope, Pensacola | 140 | 125 | 120 | 180 | 160 | 155 | 146 | 140 |
| 0237 Post2 | 39.20 | 43.70 | 18'-0" | 8'-0" | FL 9174 | GDR-34 | Standard SP, Impact SP/LP | Mt. Hope, Pensacola | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |
| **Self/Non-Certified Max 24" Section Height** | | | | | | | | | | | | | | | | |
| 0356 | 15.90 | 18.20 | 9'-0" | 12'-0" | N/A | N/A | Standard SP/LP | Mt. Hope | 100 | 90 | 85 | 130 | 115 | 110 | 105 | 100 |
| 0630 | 25.80 | 29.70 | 9'-0" | 10'-0" | N/A | N/A | Standard SP/LP | Mt. Hope | 125 | 115 | 110 | 165 | 146 | 140 | 135 | 130 |
| 0631 | 39.00 | 44.30 | 9'-0" | 10'-0" | N/A | N/A | Impact SP/LP | Mt. Hope | 155 | 140 | 135 | 200 | 180 | 170 | 165 | 160 |
| 0632 | 15.30 | 17.00 | 16'-0" | 10'-0" | N/A | N/A | Standard SP/LP | Mt. Hope | 100 | 90 | 85 | 125 | 115 | 110 | 105 | 100 |
| 0633 | 23.00 | 25.00 | 16'-0" | 10'-0" | N/A | N/A | Standard SP | Mt. Hope | 120 | 110 | 105 | 155 | 140 | 135 | 125 | 120 |
| 0634 Post | 39.20 | 43.70 | 16'-0" | 8'-0" | N/A | N/A | Impact SP/LP | Mt. Hope | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |
| 0635 | 15.30 | 17.00 | 18'-0" | 8'-0" | N/A | N/A | Standard SP/LP | Mt. Hope | 100 | 90 | 85 | 125 | 115 | 110 | 105 | 100 |
| 0636 Post | 30.00 | 33.50 | 18'-0" | 8'-0" | N/A | N/A | Standard SP/LP | Mt. Hope | 140 | 125 | 120 | 180 | 160 | 155 | 146 | 140 |
| 0639 Post[2] | 39.20 | 43.70 | 18'-0" | 8'-0" | N/A | N/A | No | Mt. Hope | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |

Post Installation Instructions -FL 9174
Jamb Connection Supplement- FL 9174
Track Supplement Chart - FL 9174

1. All doors tested for uniform static air pressure per ANSI/DASMA 108 to test pressure of 1.5 x design pressure
2. Also tested for large missile impact and cyclic wind pressure per ANSI/DASMA 115
3. FBC - Florida Building Commission, TDI - Texas Department of Insurance
4. Above wind speeds based on ASCE 7-05 are applicable for enclosed structures with an importance factor of 1.0 and assume a maximum of 2' of the door is located within the end zone of a structure. Consult a registered Architect or Structural Engineer for applicability for other project specific conditions.
5. Above wind speeds based on ASCE 7-10 Category II structure with a maximum of 2' of the door is located within the end zone of a structure. Consult a registered Architect or Structural Engineer for applicability for other project specific conditions.
6. **Standard SP/LP** - Short (Single Colonial, Single Sonoma) and long (Double Sonoma, Ranch) panel glazing is not impact resistant and does not meet the requirements for Wind-Borne Debris Regions.
**Standard SP** - Short (Single Colonial, Single Sonoma) panel glazing is not impact resistant and does not meet the requirements for Wind-Borne Debris Regions.
**Impact SP/LP** - Short (Single Colonial, Single Sonoma) and long (Double Sonoma, Ranch) is impact resistant and does meet the requirements for Wind-Borne Debris Regions.
7. Doors only available in greater than 7' heights.
8. Low Head Room track is available.
9. All panel styles available.
10. Sonoma Ranch Glazing Available with select Option Codes.
11. Wind speeds listed in this guide are provided for reference purposes only. In ALL cases the local building authority is the sole and final determiner of the structural and safety requirements, and suitability of the garage door.