BP Glass Garage Doors & Entry Systems, Inc.
1511 W. 2nd St.
Pomona, CA 91766

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: Models BP-350/BP-450 HD Glazed Aluminum Sectional Garage Door up to 18'-0” Wide x 8'-0” High

APPROVAL DOCUMENT: Drawing No. BPC003, titled “BP-350/450 HD Glass Garage Door”, sheets 1 through 7 of 7, dated 06/01/2009, with revision D dated 10/12/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., 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

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 precede 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 # 16-0314.09 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.

NOA No. 17-1207.02
Expiration Date: January 17, 2021
Approval Date: February 1, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA’s

A. DRAWINGS “Submitted under NOA # 16-0314.09”
1. Drawing No. BPC003, titled “BP-350/450 HD Glass Garage Door”, sheets 1 through 7 of 7, dated 06/01/2009, with revision C dated 01/05/2016, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

B. TESTS “Submitted under NOA # 10-0802.02”
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 2411 3.2.1, TAS 202-94

C. CALCULATIONS “Submitted under NOA # 16-0314.09”
1. Anchor calculations prepared by Building Drops, Inc., dated 01/05/2016, signed and sealed by Hermes F. Norero, P.E.

   “Submitted under NOA # 14-0211.09”
2. Product evaluation report prepared by Building Drops, Inc., dated 01/07/2014, signed and sealed by Hermes F. Norero, P.E.

   “Submitted under NOA # 12-0124.03”

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS “Submitted under NOA # 16-0314.09”
1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest, issued by Building Drops, Inc., dated 01/05/2016, signed and sealed by Hermes F. Norero, P.E.

   “Submitted under NOA # 14-0211.09”
2. Statement letter of code conformance to 2010 FBC and no financial interest, issued by Building Drops, Inc., dated 09/23/2013, signed and sealed by Hermes F. Norero, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-1207.02
Expiration Date: January 17, 2021
Approval Date: February 1, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS
   1. Drawing No. BPC003, titled “BP-350/450 HD Glass Garage Door”, sheets 1 through 7 of 7, dated 06/01/2009, with revision D dated 10/12/2017, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

F. MATERIAL CERTIFICATIONS
   1. None.

G. STATEMENTS

 Carlos M. Utrera, P.E.
 Product Control Examiner
 NOA No. 17-1207.02
 Expiration Date: January 17, 2021
 Approval Date: February 1, 2017
BP-GLASS GARAGE DOORS & ENTRY SYSTEMS, INC.

BP-350/450 HD
GLASS GARAGE DOOR
(U.S. PAT.) - HURRICANE SYSTEM

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING CODE (FBC), INCLUDING 2017, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - TAS 201-94
   - TAS 202-94
   - TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 4X FRAMES AS A HURRICANE-WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 4X BLOCS WHEN USED SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BLOCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IT IS RECOMMENDED TO INSTALLATION FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. AUTHORIZED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM 6060-T5
7. DISGUISE METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM LUMINUM FRAMEWORK SHALL BE PROTECTED IN ACCORDANCE WITH THE 8TH EDITION (2017) FBC.
8. GLASS MEETS THE REQUIREMENTS OF ASTM E-1203-04 GLASS CHARTS, SEE SHEET 1 FOR GLASS DETAILS.
9. EPM GLAZING GASKET HAS BEEN TESTED IN ACCORDANCE WITH WC: 2413.3.14.
10. BP HURRICANE SYSTEM IS PATENTED IN THE USA.

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<table>
<thead>
<tr>
<th>SHEET</th>
<th>REVISION</th>
<th>SHEET DESCRIPTION</th>
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<td>1</td>
<td>D</td>
<td>INSTALLATION &amp; GENERAL NOTES</td>
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<tr>
<td>2</td>
<td>D</td>
<td>ELEVATION, ANCHOR LAYOUT, &amp; DETAILS</td>
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<td>D</td>
<td>VERTICAL, HORIZONTAL SECTIONS &amp; GLAZING DETAILS</td>
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<td>5</td>
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<td>ANCHOR TABLES &amp; BRACKET DETAIL</td>
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<td>D</td>
<td>BILL OF MATERIALS &amp; COMPONENTS</td>
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<td>7</td>
<td>D</td>
<td>COMPONENTS</td>
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</table>

PRODUCT REVISED

Date: 01/17/2021
By: Miami-Dade Product Control

BP-Glass Garage Doors & Entry Systems, Inc.
ANCHOR LAYOUT

INTERIOR ELEVATION

BP ALUMINUM BRACE
REMOVABLE REINFORCEMENT
PERMANENTLY ATTACHED NEAR DOOR
OPENING USING 1/8" THICK AIRCRAFT
CABLE (4)
REFER TO MANUFACTURER'S
INSTALLATION MANUAL FOR 3/8" BY 3/8".
INSTRUCTION DETAILS.

0.120" WALL
ALUMINUM PANELS
OPTIONAL AT ANY SECTION.

54.00" MAX. (TYP)
54.00" MAX. (TYP)
54.00" MAX. (TYP)

OFFSET UP TO
12.0" FROM ANY BRACE LOCATION.

DETAIL 1

DETAIL 2

DETAIL 3

DETAIL 4

DETAIL 5

DETAIL 6

DETAIL 7

DETAIL 8

ONE 1/8" AIRCRAFT CABLE - ATTACH ONE
END TO ITEM 13 AND THE OTHER END
TO THE NEAREST SUBSTRATE.

2 3/4" 20 BOLTS

3/8" INSTALLATION ANCHOR

ANCHORS
24.00" O.C.
DISTANCE MAX.

9.00" FROM
BOTTOM MAX.

2 3/4" 20 BOLTS

BP ALUMINUM BRACE
REMOVABLE REINFORCEMENT
PERMANENTLY ATTACHED NEAR DOOR
OPENING USING 1/8" THICK AIRCRAFT
CABLE (4)
REFER TO MANUFACTURER'S
INSTALLATION MANUAL FOR 3/8" BY 3/8".
INSTRUCTION DETAILS.

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OPTIONAL AT ANY SECTION.

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ANCHORS
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9.00" FROM
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BP ALUMINUM BRACE
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OPTIONAL AT ANY SECTION.

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54.00" MAX. (TYP)

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DETAIL 6

DETAIL 7

DETAIL 8

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END TO ITEM 13 AND THE OTHER END
TO THE NEAREST SUBSTRATE.

2 3/4" 20 BOLTS

3/8" INSTALLATION ANCHOR

ANCHORS
24.00" O.C.
DISTANCE MAX.

9.00" FROM
BOTTOM MAX.
### ANCHOR TABLE A - HEADER

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<th>C.C. Distance</th>
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<tr>
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<td>6 1/2&quot;</td>
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<td>3/8&quot; Hilti Kwik Bolt 3</td>
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<td>6 1/2&quot;</td>
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<td>3 1/2&quot;</td>
<td>6 1/2&quot;</td>
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<tr>
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<td>3/8&quot; Redhead LDT</td>
<td>3000 psi concrete</td>
<td>2 1/2&quot;</td>
<td>2&quot;</td>
<td>6 1/2&quot;</td>
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<tr>
<td></td>
<td>3/8&quot; Redhead LDT</td>
<td>grout filled CMU</td>
<td>2 1/2&quot;</td>
<td>3 1/2&quot;</td>
<td>6 1/2&quot;</td>
</tr>
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<td>6 1/2&quot;</td>
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<td>6 1/2&quot;</td>
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<td>6 1/2&quot;</td>
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<td>3000 psi concrete</td>
<td>3&quot;</td>
<td>4&quot;</td>
<td>6 1/2&quot;</td>
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**Note:**
- All anchors listed above valid for max. specified substrate or greater.
- Anchor option must meet minimum embedment and edge distance specified.
- Anchorage at brackets must conform to applicable bracket detail below.

### ANCHOR TABLE B - SILL

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<th>Type</th>
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<td>3/8&quot; Powers Smart D4</td>
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<tr>
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<tr>
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<td>3 1/2&quot;</td>
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### ANCHOR TABLE C - TRACK

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<th>C.C. Distance</th>
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</thead>
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<td>2000 psi concrete</td>
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<td>2 1/2&quot;</td>
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<td>grout filled CMU</td>
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<td></td>
</tr>
</tbody>
</table>

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**Bracket Detail A (Wood/Steel Installation):**
- Anchor locations
- Bracket anchor locations for installation into wood frame or steel substrate

**Bracket Detail B (Concrete/CMU Installation):**
- Anchor locations
- Bracket anchor locations for installation into concrete or CMU

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**Product Revisions:**
- Product Revisions as per Miami-Dade Building Code MoCA-No. 17-1207.02
- Expiration Date 01/17/2021
- Miami-Dade Product Control
## BILL OF MATERIALS

<table>
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<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>MANUFACTURER</th>
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<td>350 TOP/BTM./SIDE FRAME RAIL</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
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<tr>
<td>2</td>
<td>GLASS STOP</td>
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<td>BP GLASS DOORS</td>
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<tr>
<td>3</td>
<td>GLAZING GASKET</td>
<td>EPDM</td>
<td>GLS</td>
</tr>
<tr>
<td>4</td>
<td>WEATHERSTRIPPING</td>
<td>EPDM</td>
<td>GLS</td>
</tr>
<tr>
<td>5</td>
<td>INTERMEDIATE RAIL (UPPER)</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>5A</td>
<td>INTERMEDIATE RAIL (LOWER)</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>6</td>
<td>INTERMEDIATE HINGE</td>
<td>14 GA. STAINLESS STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>7</td>
<td>VERTICAL MULLION</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>8</td>
<td>ANGLE</td>
<td>14 GA. STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>9</td>
<td>TRACK 2&quot;</td>
<td>15 GA. STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>10</td>
<td>UNIVERSAL HINGES #1-#9</td>
<td>12 GA. STAINLESS STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>11</td>
<td>HF-PIN BRACKET</td>
<td>12 GA. STAINLESS STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>12</td>
<td>DEFLECTION BRACKET</td>
<td>11 GA. GALV. STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>13</td>
<td>REMOVABLE REINFORCEMENT</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>14</td>
<td>3/8&quot; U-BOLT &amp; LOCK NUTS</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>15</td>
<td>U-BOLT PLATES</td>
<td>12 GA. GALV. STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>16</td>
<td>TOP BRACKET</td>
<td>1/4&quot; STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>17</td>
<td>TOP FIXTURE</td>
<td>12 GA. STAINLESS STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>18</td>
<td>350/450 TOP AND BOTTOM RAIL</td>
<td>ALUMINUM</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>19</td>
<td>BOTTOM FIXTURE</td>
<td>12 GA. STAINLESS STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>20</td>
<td>3/8&quot; DROP IN CONCRETE ANCHOR</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>21</td>
<td>1/4&quot; - 20 HEX BOLT &amp; NUTS</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>22</td>
<td>1/4&quot; NUT</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>23</td>
<td>FLOOR FLANGE</td>
<td>12 GA. GALV. STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>24</td>
<td>3/8&quot; X 3&quot; LAG BOLT</td>
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<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>25</td>
<td>1/4&quot; X 1/2&quot; SELF THREADING SCREW</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>26</td>
<td>1/4&quot; X 1/2&quot; CARRIAGE BOLT</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
</tr>
<tr>
<td>27</td>
<td>1/4&quot; X 20 GALV. THRU BOLT W/ NUT</td>
<td>STEEL</td>
<td>BP GLASS DOORS</td>
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