



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

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040

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: 2" EPS Insulated W6 DP37 Steel Sectional Garage Door up to 20'-2" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **104943**, titled "2" EPS Ins. Doors to 20'2", sheet 1 through 3 of 3, dated 01/11/2016, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
 10/9/22/2016

NOA No 16-0824.03
 Expiration Date: September 29, 2021
 Approval Date: September 29, 2016
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104943**, titled "2" EPS Ins. Doors to 20'2", sheet 1 through 3 of 3, dated 01/11/2016, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

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 202-94
5) Tensile Test per ASTM E8
along with marked-up drawings and installation diagram of 20'2"x 8', 27ga steel garage door Model 4300W6 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC1214.01-15**, dated 02/05/2016, signed and sealed by David W. Johnson, P.E.
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted and G90 panels, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **7890**, dated 10/01/2014, signed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **13-0717.01** issued to SABIC Innovative Plastics for their Lexan Polycarbonate Sheet Products, approved on 11/28/2013, expiring on 07/17/2018.
2. Test report on Surface Burning Characteristics, per ASTM E84 of Atlas EPS Type I, Test Report No. **102609488SAT-001A**, prepared by Intertek Testing Services, NA, Inc., dated 06/20/2016, signed and sealed by Rick Curkeet, P.E.
3. Test report on Ignition Properties of Plastics per ASTM D1929 of Atlas EPS Type I, Test Report No. **102609488MID-002**, prepared by Intertek Testing Services, NA, Inc., dated 06/13/2016, signed and sealed by Rick Curkeet, P.E.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.
2. Statement letters of code conformance to 2010 FBC and of no financial interest, issued by Clopay Building Products Company, dated 08/11/2016, signed and sealed by Mark Westerfield, P.E.


09/22/2016

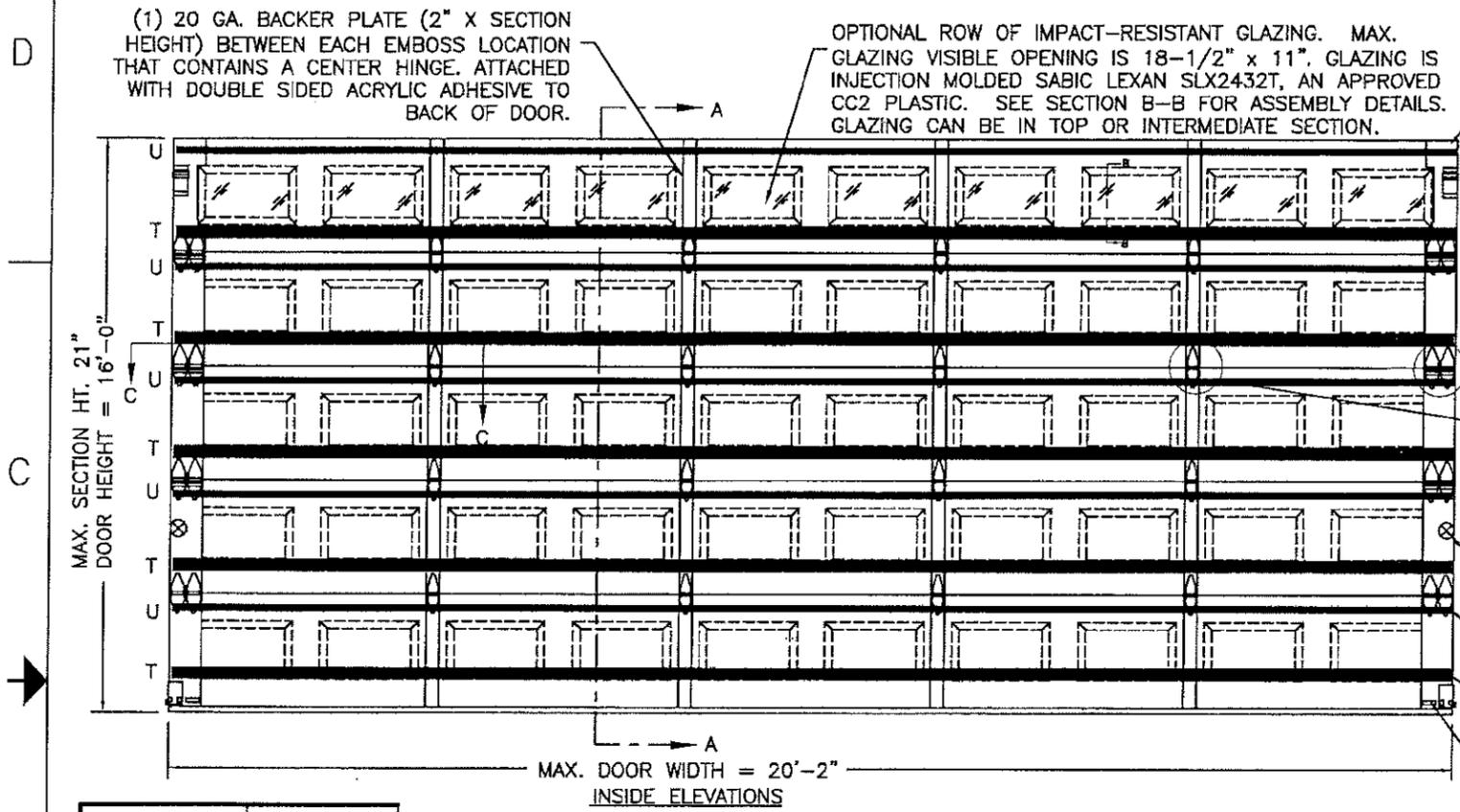
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 16-0824.03

Expiration Date: September 29, 2021
Approval Date: September 29, 2016

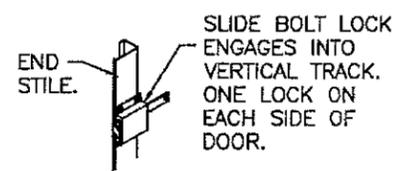
| | | | |
|--------|-------------|-------------|------------|
| MODELS | 27 GA SHORT | 27 GA FLUSH | 27 GA LONG |
| CLOPAY | 4300, HDG | 4301, HDGF | 4310, HDGL |
| HOLMES | 6200 | 6201 | 6203 |

SHEET
1 OF 3

| REVISIONS | | | | | |
|-----------|------|---------|---------|--------|---|
| REV. NO. | ZONE | DATE | ECN NO. | APPVD: | DESCRIPTION |
| 00 | - | 1/11/16 | - | MWW | INITIAL SUBMITTAL |
| 01 | P. 2 | 9/22/16 | | MWW | UPDATED INTER HINGE GAUGE, BOT. BRKT GAUGE, U-BAR KSI |



IMPACT-RESISTANT CONSTRUCTION:
 SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS SABIC (WAS GE) LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.



INSIDE SLIDE BOLT LOCK OPTION.

VIEW "B"
VIEW "C"

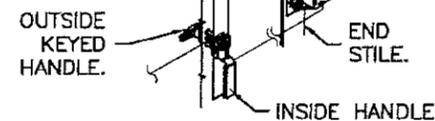
TWO POINT LOCKING INTO TRACK.

U-BAR.

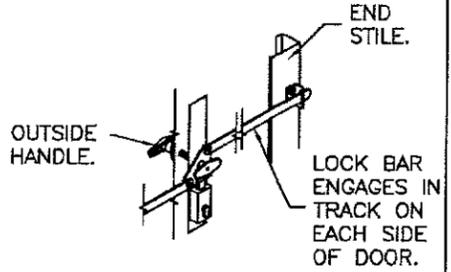
T-STRUT.

(1) 3-IN ROLLER CARRIER (P/N 0120394) USED AS INNER BOTTOM BRACKET. ATTACH WITH (3) 1/4"x3/4" SELF TAPPING SCREWS.

SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

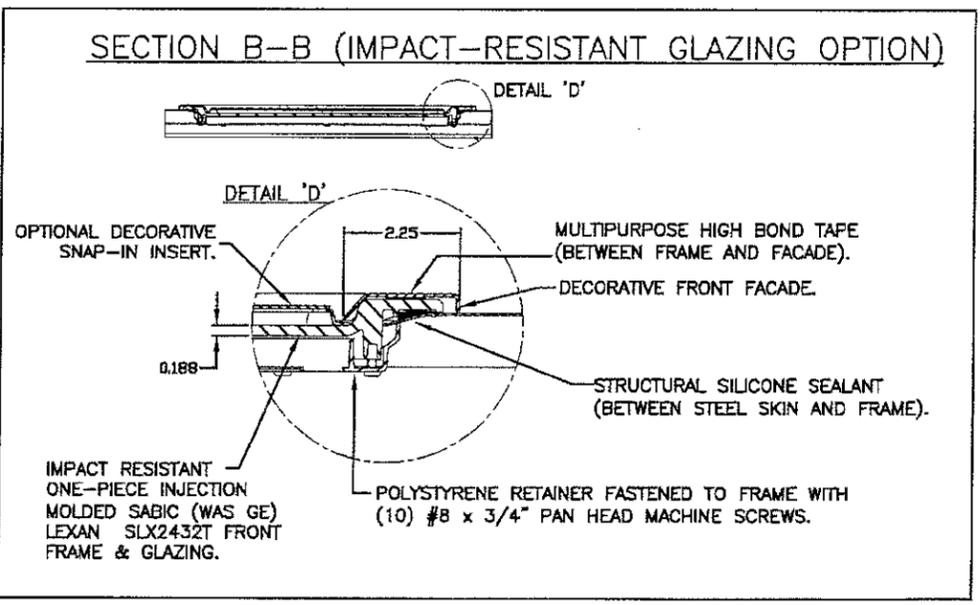


OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

| DOOR HEIGHT | # OF SECTIONS |
|-------------------------|---------------|
| 6'0" TO 7'0" | 4 |
| 7'3" TO 8'9" | 5 |
| 9'0" TO 10'6" | 6 |
| 10'9" TO 12'3" | 7 |
| 12'6" TO 14'0" | 8 |
| 14'3" TO 15'9" | 9 |
| 16'0" | 10 |
| MAX SECTION HEIGHT: 21' | |



PRODUCT APPROVED
 as complying with the Florida Building Code
 NOA-No. **16-0824.03**
 Approval Date **09/29/2016**
 By *[Signature]*
 Miami-Dade Product Control

DESIGN LOADS: +37.0 P.S.F. & -40.0 P.S.F.

Unless Stated Otherwise TOLERANCES are

| | |
|---------|---------|
| .0 | = ±.031 |
| .00 | = ±.015 |
| .000 | = ±.005 |
| .0000 | = ±.001 |
| Degrees | = ±1/2' |

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Glopay
 Building Products Company
 8585 Duke Boulevard
 Mason, OH 45040 USA
 Tel. No. 513-770-4800
 Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING
W6 DP37

| | | |
|--|---------------|--------------------|
| DESCRIPTION: 2" EPS INS. DOORS TO 20'2" (SEE TABLE FOR MODELS) | SCALE: NTS | DWG. SIZE B |
| DRAWN BY: SH | DATE: 6/25/14 | SHEET 1 OF 3 |
| CHECKED BY: MWW | DATE: 1/11/16 | VER: MD |
| DWG. NO.: 104943 | | |

DESIGN ENGINEER
 MARK WESTERFIELD, P.E.
 FLORIDA LICENSE No. 48495

| | | | |
|--------|-------------|-------------|------------|
| MODELS | 27 GA SHORT | 27 GA FLUSH | 27 GA LONG |
| CLOPAY | 4300, HDG | 4301, HDGF | 4310, HDGL |
| HOLMES | 6200 | 6201 | 6203 |

SHEET
2 OF 3

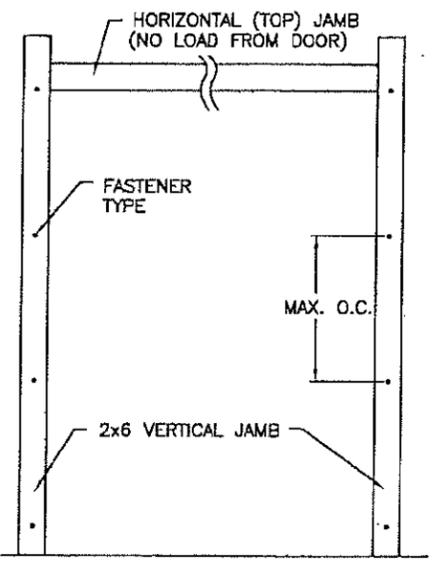
| REVISIONS | | | | | DESCRIPTION |
|-----------|-------|-------|---------|--------|------------------------------------|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | |
| 01 | - | - | - | - | SEE REVISION HISTORY ON SHEET ONE. |

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:**
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +370 LB & -400 LB. PER LINEAR FOOT OF JAMB.
 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

WOOD FRAME BUILDINGS
STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 8'0" HIGH OR (4) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 16'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS.

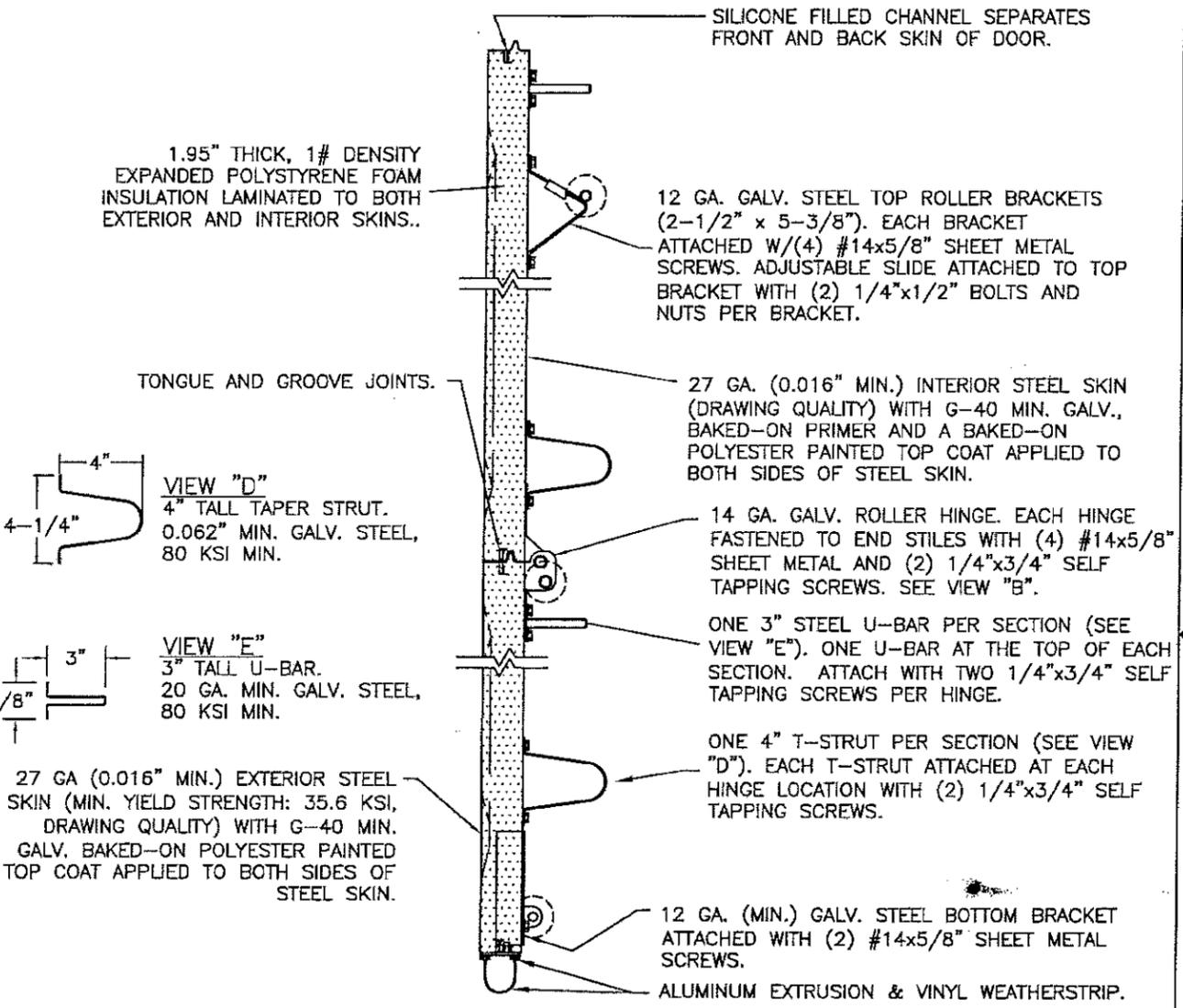
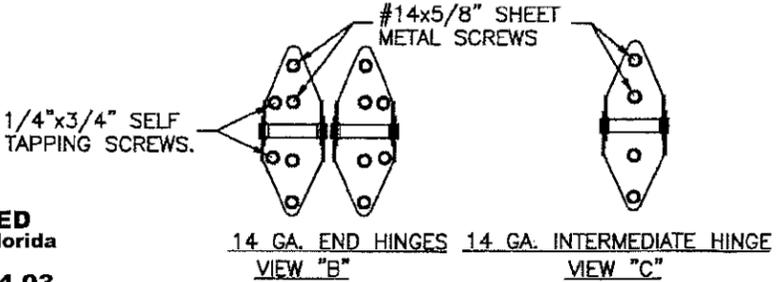
BLOCK WALL OR CONCRETE
2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

| BUILDING TYPE | FASTENER TYPE | MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS* | STEEL WASHERS REQUIRED? |
|--------------------------|--|---|-------------------------|
| HOLLOW CMU BLOCK WALL | 1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR | 4-1/2" | 1" O.D. |
| GROUT-FILLED CMU BLOCK | 1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR | 7-1/4" | 1" O.D. |
| 2000 PSI MIN. CONCRETE | 1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR | 15-1/4" | 1" O.D. |
| 2000 PSI MIN. CONCRETE | 1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR | 14-1/4" | 1" O.D. |
| 2000 PSI MIN. CONCRETE | 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR | 13-1/2" | INCLUDED |
| 4000 PSI MIN. CONCRETE | 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR | 24" | INCLUDED |
| WOOD FRAME (SYP 0.55 SG) | 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE | 14-1/2" | 1" O.D. |

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



SECTION A-A (SIDE VIEW)

DESIGN ENGINEER
MARK WESTERFIELD, P.E.
FLORIDA LICENSE NO. 48495

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. **16-0824.03**
Approval Date **09/29/2016**
By *[Signature]*
Miami-Dade Product Control

DESIGN LOADS: +37.0 P.S.F. & -40.0 P.S.F.

Unless Stated Otherwise TOLERANCES are

| | |
|---------|---------|
| .0 | = ±.031 |
| .00 | = ±.015 |
| .000 | = ±.005 |
| .0000 | = ±.001 |
| Degrees | = ±1/2° |

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

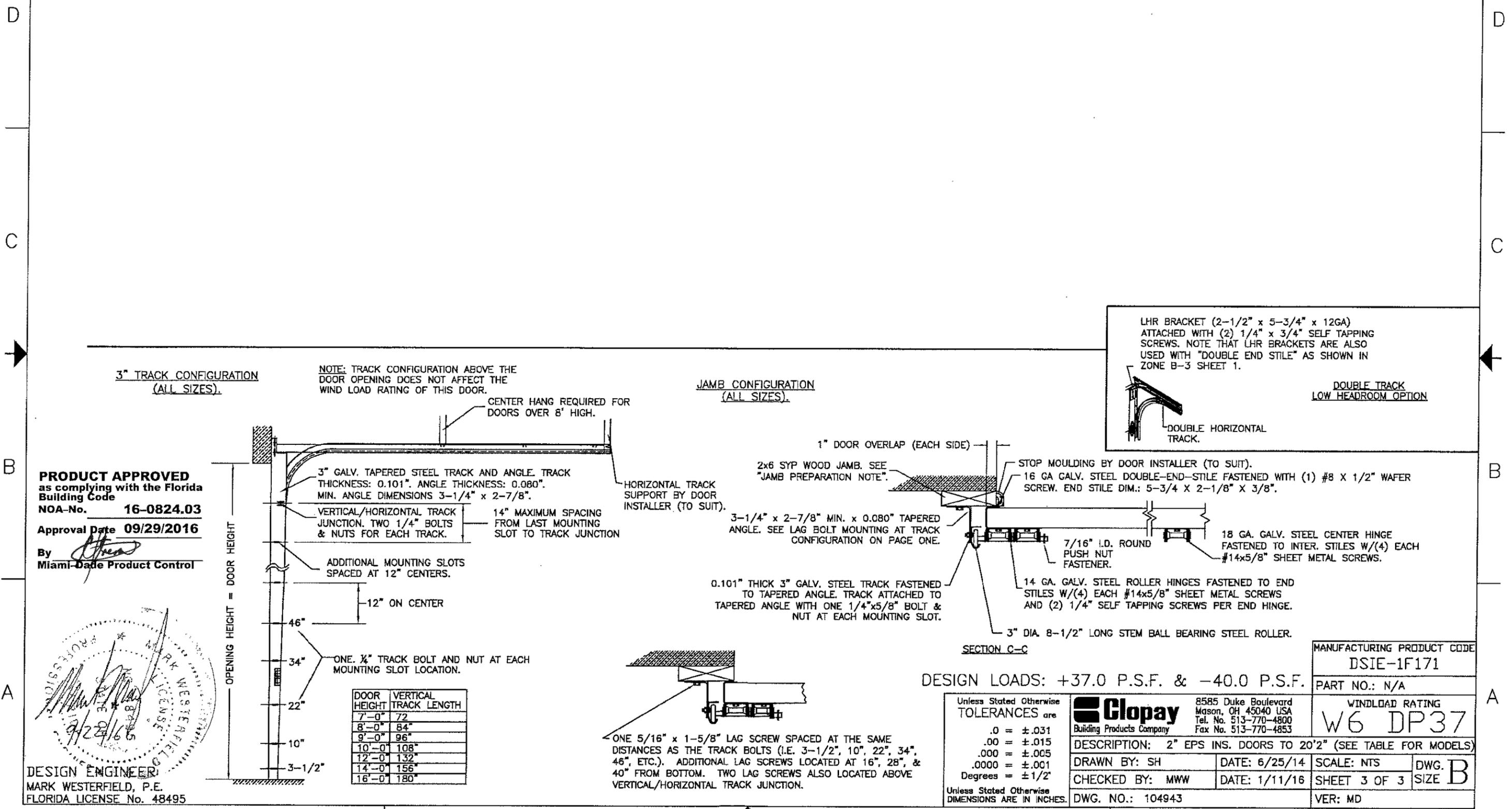
| | |
|--|--|
| MANUFACTURING PRODUCT CODE DSIE-1F171 | PART NO.: N/A |
| WINDLOAD RATING W6 DP37 | DESCRIPTION: 2" EPS INS. DOORS TO 20'2" (SEE TABLE FOR MODELS) |
| DWG. NO.: 104943 | VER: MD |

| | | | |
|-----------------|---------------|--------------|-------------|
| DRAWN BY: SH | DATE: 6/25/14 | SCALE: NTS | DWG. SIZE B |
| CHECKED BY: MWW | DATE: 1/11/16 | SHEET 2 OF 3 | |

| | | | |
|--------|-------------|-------------|------------|
| MODELS | 27 GA SHORT | 27 GA FLUSH | 27 GA LONG |
| CLOPAY | 4300, HDG | 4301, HDGF | 4310, HDGL |
| HOLMES | 6200 | 6201 | 6203 |

SHEET:
3 OF 3

| REVISIONS | | | | | |
|-----------|-------|-------|---------|--------|------------------------------------|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 01 | - | - | - | - | SEE REVISION HISTORY ON SHEET ONE. |



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[Signature]
DESIGN ENGINEER
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