



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 375-2908

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Amarr Garage Doors.
165 Carriage Court
Winston-Salem, N.C. 27105

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Model 1200-D WeatherGuard Plus with DuraSafe.

APPROVAL DOCUMENT: Drawing No.SFC-590-011, Sheets 1 of 1, titled "Model #1200-D WeatherGuard Plus w/DuraSafe Short Panel, Long Panel and Flush Panel," dated 06/26/01, last revision 05/21/07, prepared by Amarr Garage Doors. Signed and sealed by Thomas L. Shelmerdine, PE. Bearing the Miami-Dade County Product Control Renewal stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large & Small Missile.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

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

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

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

This NOA **renews NOA No. 01-1017.02** and consists of this page 1, evidence page E-1, as well as approval document mentioned above.

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



NOA No: 07-0425.02
Expiration Date: May 16, 2012
Approval Date: June 14, 2007
Page 1

Amarr Garage Doors.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS:

1. Drawing No. **SFC-590-011**, Sheets 1 of 1, titled "Model #1200-D WeatherGuard Plus w/DuraSafe Short Panel, Long Panel and Flush Panel," dated 06/26/01, last revision 05/21/07, prepared by Amarr Garage Doors signed and sealed by Thomas L. Shelmerdine, P.E.

B. TESTS: (submitted under NOA # 01-1017.02)

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test for a 9' x 7' sectional steel garage door, prepared by American Test Lab of South Florida, report # 0709.01-01, dated 08/23/01, signed and sealed by W. R. Mehner, PE. And H. Hattem, PE.
2. Test report on Evaluation of painted panels per ASTM D1654 & B117, prepared by Subtropical Testing Service, test # AMR-1, signed and sealed by M. Mosbat, PE.

C. CALCULATIONS:

1. Calculations prepared by Structural Solutions, P.A., project 01-034, dated 04/06/07, signed and sealed by Thomas L. Shelmerdine, P.E.

D. STATEMENTS: (submitted under NOA # 01-1017.02)

1. Code compliance letter issued by Structural Solutions, PA., on 02/13/02, signed and sealed by T. L. Shelmerdine, PE.
2. No financial interest letter issued by Structural Solutions PA, on 10/01/01, signed and sealed by T. L. Shelmerdine, PE.
3. Protocol compliance letter issued by American Test Lab of South Florida on 08/30/01, signed and sealed by W. R. Mehner & H. Hattem.

E. MATERIAL CERTIFICATION: (submitted under NOA # 01-1017.02)

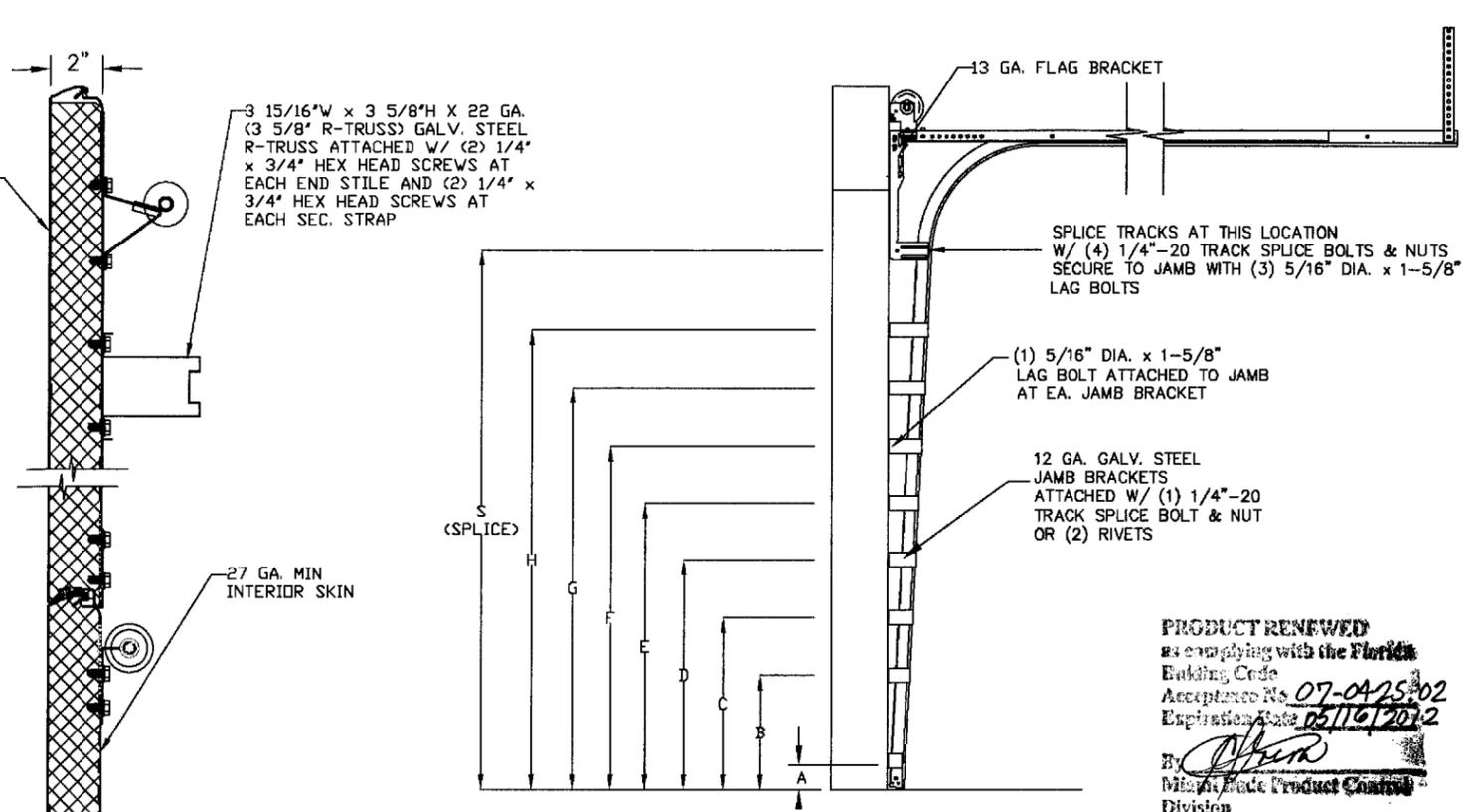
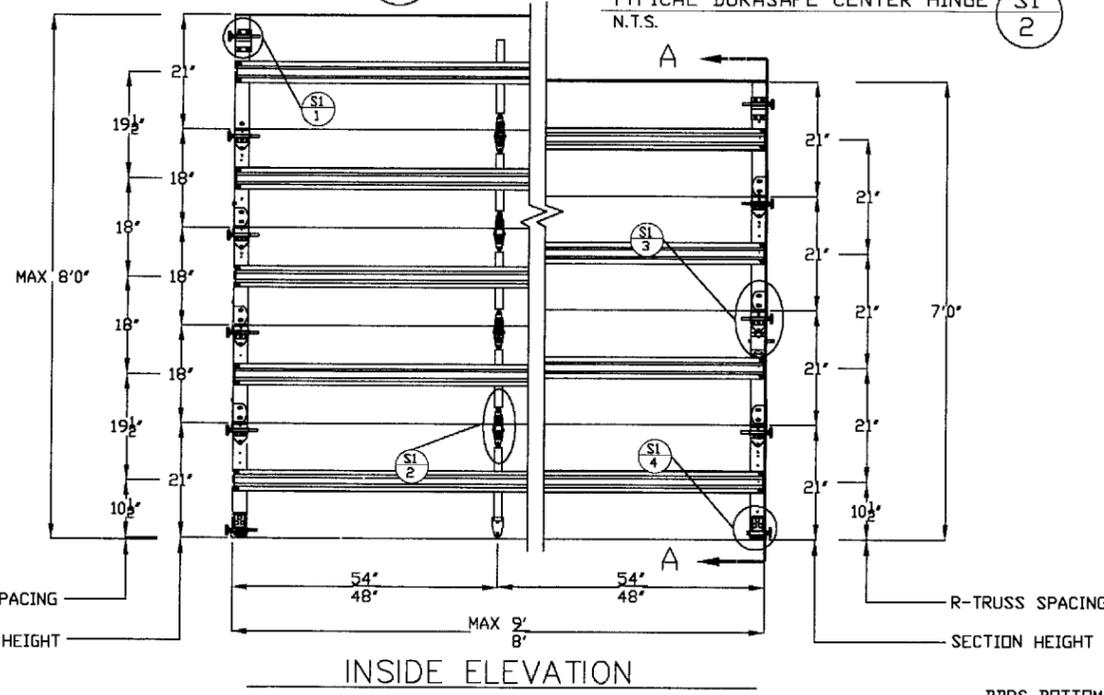
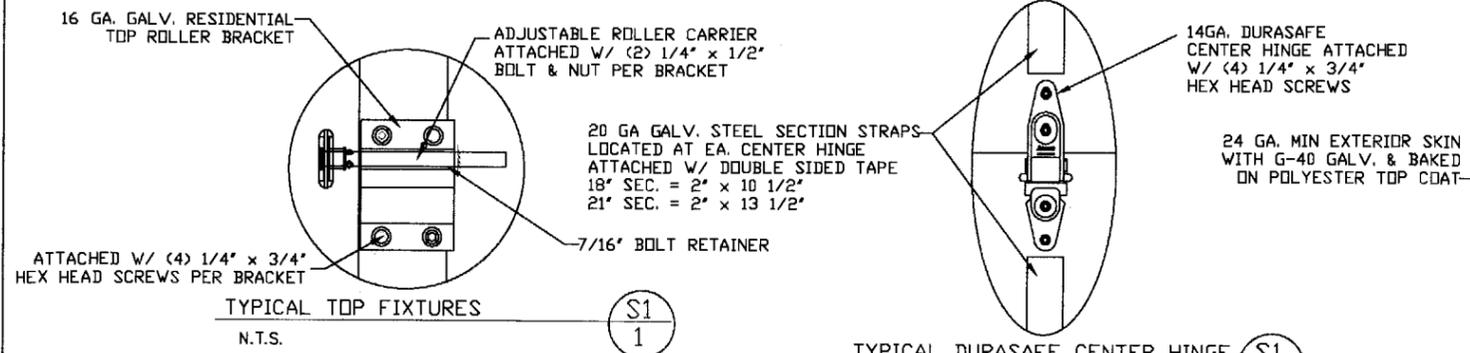
1. Test report on Tensile Test from 3 Samples ATL 0712.01-01A,B&C, prepared by Q. C. Metallurgical, Inc., report # 1GM-1038 dated 08/02/01, signed and sealed By F. Grate, PE.

F. OTHERS:

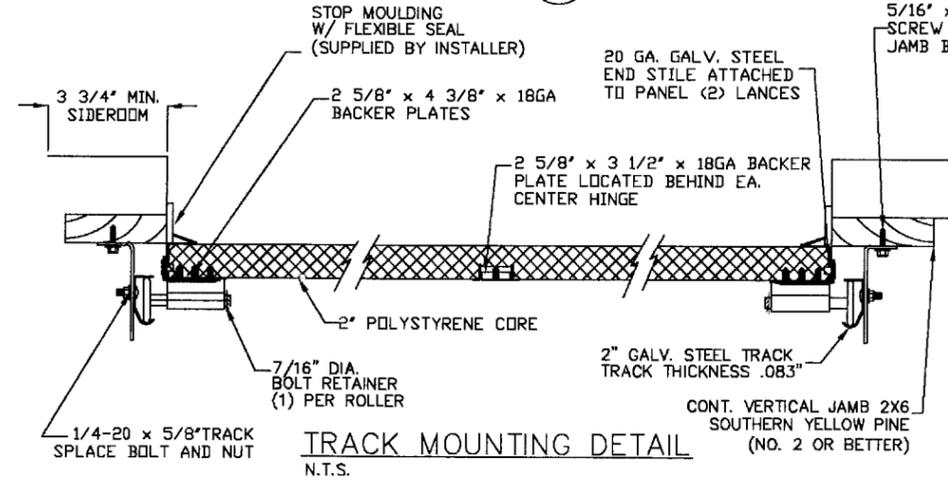
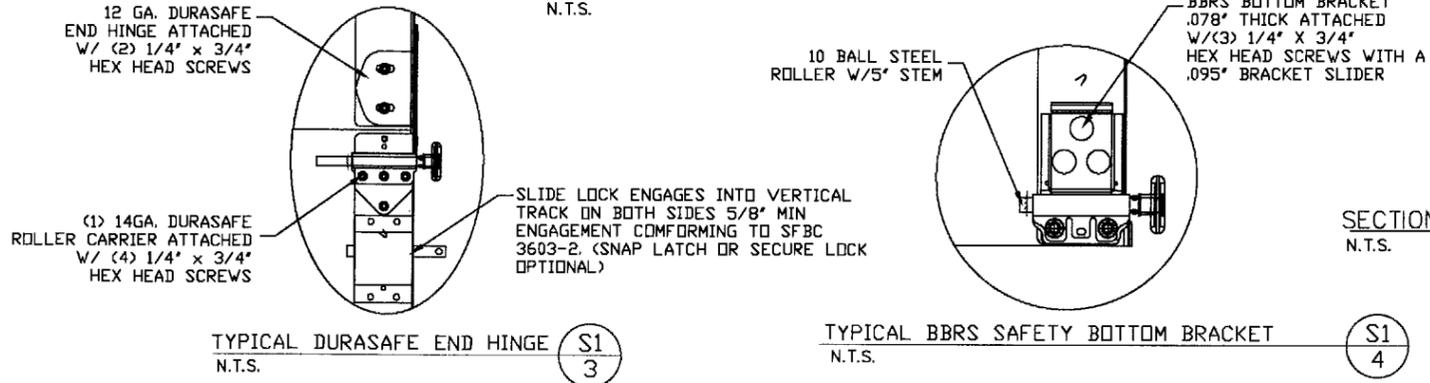
1. Renewal Request Letter issued by Amarr Garage Doors, dated 05/15/07, signed by Danny L. Joyner, Manager of Applications Engineering.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0425.02
Expiration Date: May 16, 2012
Approval Date: June 14, 2007



PRODUCT RENEWED
as complying with the Florida Building Code
Accepted No. 07-0425-02
Expiration Date 05/16/2012
Missouri Product Control Division



2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" x 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" x 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" x 2-3/4" STARTING 6" FROM ENDS THEN 18" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" x 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" x 2-3/4" STARTING 6" FROM ENDS THEN 18" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET TAPCON 1/4" x 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 12" O.C. (1 1/4" EMBEDMENT)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

SPECIFICATIONS AND NOTES

- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK. FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
- EACH VERTICAL JAMB RECEIVES MAXIMUM DESIGN LOADS OF: +234.0 LBS/FT & -279.0 LBS/FT
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 27 GA. (.016) MIN. INTERIOR AND 24 GA. (.022) MIN EXTERIOR ROLLED FORMED, G-40 GALVANIZATION W/ BAKED ON POLYESTER FINISH
- DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (1) 3-5/8" R-TRUSS PER SECTION
- DOORS UP TO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN. USE (1) 3-5/8" R-TRUSS PER SECTION
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN ASTM E330-90, ASCE 7-02, AND FBC 2004 PROTOCOLS 201, 202, 203 WIND LOAD DESIGN CRITERIA. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
A. 150 MPH PEAK GUST WIND SPEED
B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
C. 25' MEAN ROOF HEIGHT AT ANY SLOPE
D. IMPORTANCE FACTOR OF 1.05
E. EXPOSURE RATING OF C
- THIS APPROVAL REQUIRES THE MANUFACTURER TO DO TESTING OF ALL COILS USED TO FABRICATE DOOR PANELS UNDER THIS NOTICE OF ACCEPTANCE. A MINIMUM OF 2 SPECIMENS SHALL BE CUT FROM EACH COIL AND TENSILE TESTED ACCORDING TO ASTM E-8 BY A DADE COUNTY APPROVED LAB SELECTED AND PAID BY THE MANUFACTURER. EVERY 3 MONTHS, 4 TIMES A YEAR, THE MANUFACTURER SHALL MAIL TO THIS OFFICE: A COPY OF THE TEST REPORTS WITH CONFIRMATION THAT THE SPECIMENS WERE SELECTED FROM COILS AT THE MANUFACTURER PRODUCTION FACILITIES. AND A NOTARIZED STATEMENT FROM THE MANUFACTURER THAT ONLY COILS WITH YIELD STRENGTH OF 31,000 PSI OR MORE SHALL BE USED TO MAKE DOOR PANELS FOR DADE COUNTY UNDER THIS NOTICE OF ACCEPTANCE.

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATE OF JAMB ATTACHMENTS TO STRUCTURE	4/3/07	SKW
B	UPDATE CODE REFERENCES	5/21/07	BHG

MAX SIZE 9' x 8'

DESIGN LOADS +52.0 PSF -62.0 PSF

LARGE MISSILE IMPACT RESISTANCE

5/12/07

Amarr

165 CARRIAGE COURT WINSTON-SALEM, NC. 27105 WWW.AMARR.COM

MODEL #1200-D WeatherGuard Plus w/DuraSafe Short Panel, Long Panel, and Flush Panel

SIZE	DRAWN BY	DLJ	DATE	06/26/01	DRAWING NUMBER
B	CHECKED BY		DATE		SFC-590-011

ENGINEER: THOMAS L. SHUMERDINE P.E. LIC. No. 0048579 SHEET 1 OF 1