



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**Amarr Garage Doors.  
5931 Grassy Creek Blvd.  
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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

**DESCRIPTION: Sectional Door 16' Wide.**

**APPROVAL DOCUMENT:** Drawing No.SFC-590-009, Sheets 1 of 1, titled "Model 950 Heritage Short Panel and Flush Panel," dated 07/25/01, prepared by Amarr Garage Doors. signed and sealed by T. L. Shelmerdine, PE. bearing the Miami-Dade County Product Control Renewal stamp with the NOA number and expiration 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.

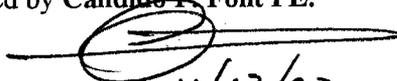
**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate 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 # 01-1017.01 and consists of this page 1, evidence page as well as approval document mentioned above.**

The submitted documentation was reviewed by **Candido F. Font PE.**

  
11/13/03



**NOA No: 03-0924.02  
Expiration Date: October 9, 2008  
Approval Date: November 13, 2003  
Page 1**

**Amarr Garage Doors.**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A. DRAWINGS**

1. Drawing No. **SFC-590-009**, Sheets 1 of 1, titled "Model 950 Heritage Short Panel and Flush Panel," dated 07/25/01, prepared by Amarr Garage Doors signed and sealed by T. L. Shelmerdine, P.E.

**B. TESTS**

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test for a 16' x 7' sectional steel garage door, prepared by American Test Lab of South Florida, report # 0712.01-01, 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. CALCULATION**

1. Calculations prepared by Structural Solutions, PA, dated 12/28/01, sheets 1 and 2 signed and sealed by T. L. Shelmerdine, PE.

**D. QUALITY ASSURANCE.**

1. Miami-Dade Product Control Office.

**E. STATEMENTS.**

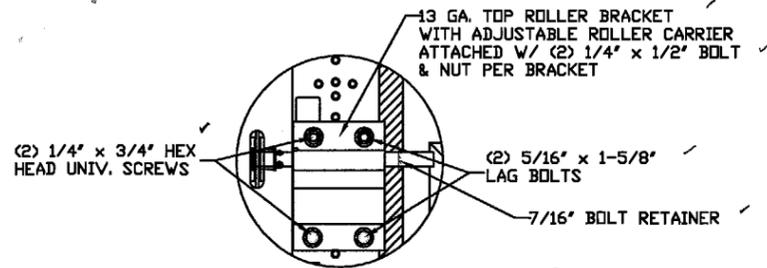
1. Code compliance letter issued by Structural Solutions, PA., on 02/13/02, signed and sealed by T. L. Shelmerdine, PE.
2. No financial interest letter issued by Structural Solutions PA, on 10/01/01, signed and sealed by T. L. Shelmerdine, PE.
3. Protocol compliance letter issued by American Test Lab of South Florida on 08/30/01, signed and sealed by W. R. Mehner & H. Hattem.
4. No change letter issued by Amarr Garage Doors on 09/15/03 and signed by D. Joyner.

**F. MATERIAL CERTIFICATION**

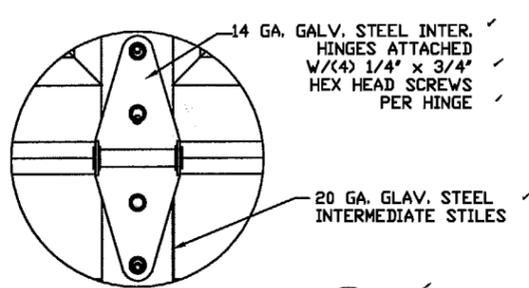
1. Test report on Tensile Test from 3 Samples ATL 0712.01-01A,B&C, prepared by Q C Metallurgical, Inc., report # 1GM-1038 dated 08/02/01, signed and sealed by F. Grate, PE.

  
11/13/03

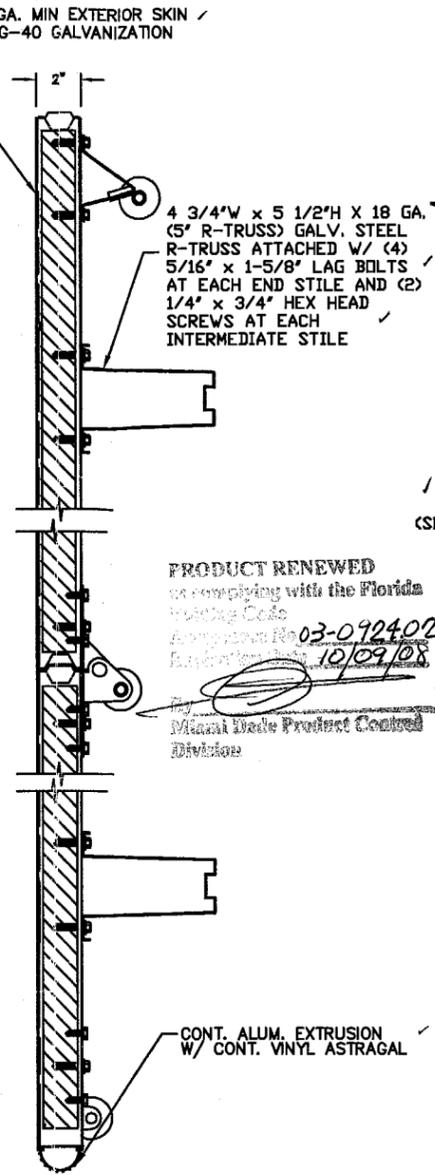
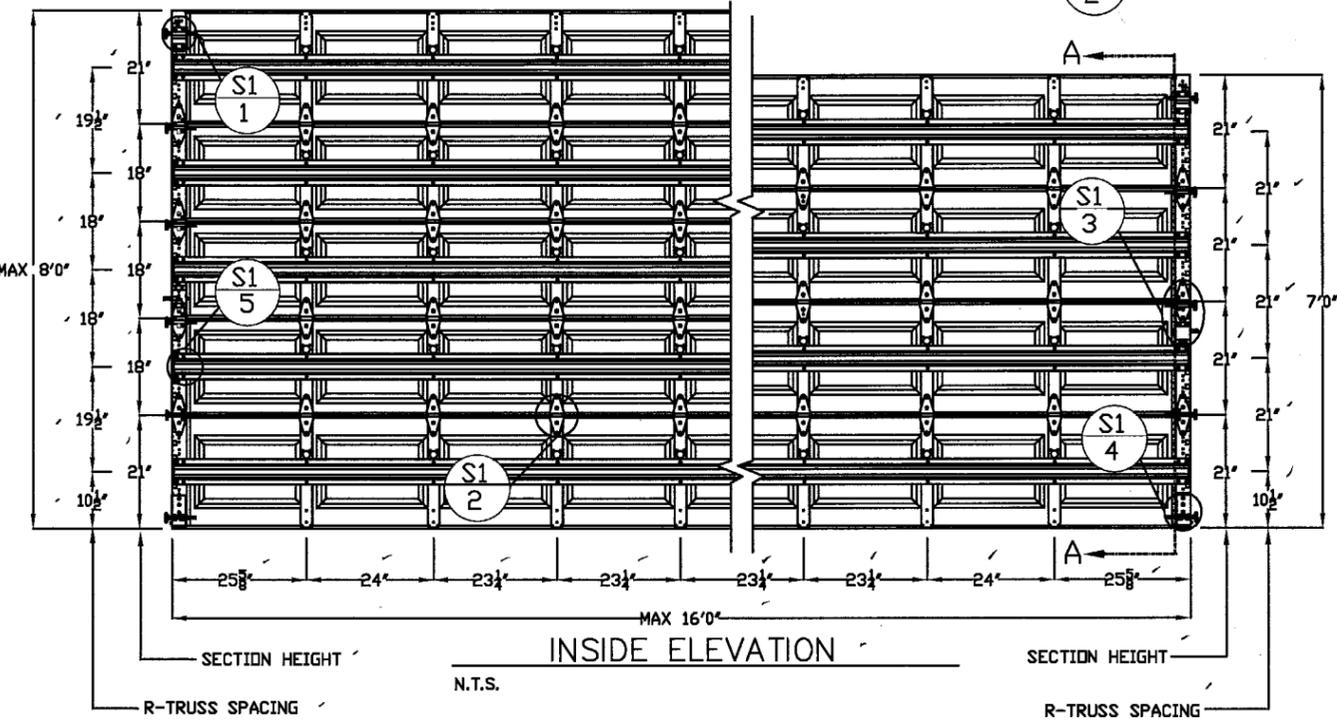
Candido F. Font PE.  
Sr. Product Control Examiner  
NOA No 03-0924.02  
Expiration Date: October 9, 2008  
Approval Date: November 13, 2003



TYPICAL TOP FIXTURES  
N.T.S. S1 1

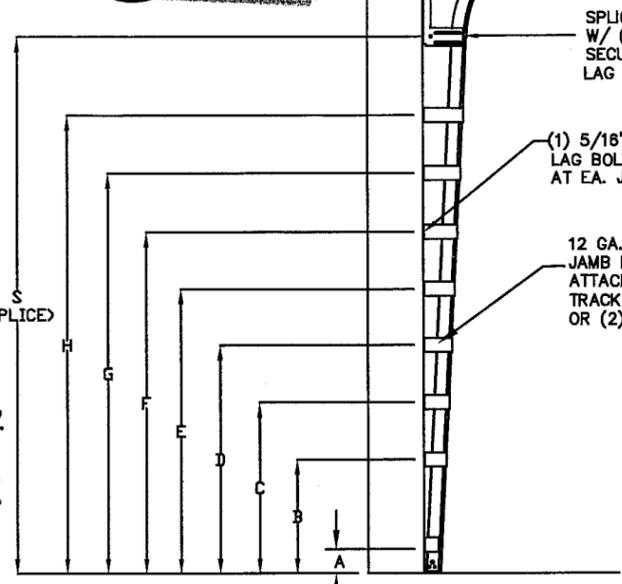


TYPICAL CENTER HINGE  
N.T.S. S1 2



SECTION A-A (SIDE VIEW)  
N.T.S.

Approved as complying with the Florida Building Code  
Date 05/16/02  
NGAF 01-1017.01  
Miami Dade Product Control Division

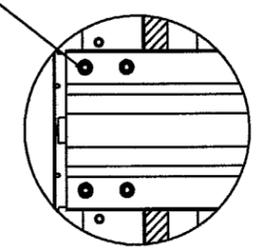


SPLICE TRACKS AT THIS LOCATION W/ (4) 1/4"-20 TRACK SPLICE BOLTS & NUTS SECURE TO JAMB WITH (3) 5/16" DIA. x 1-5/8" LAG BOLTS

(1) 5/16" DIA. x 1-5/8" LAG BOLT ATTACHED TO JAMB AT EA. JAMB BRACKET

12 GA. GALV. STEEL JAMB BRACKETS ATTACHED W/ (1) 1/4"-20 TRACK SPLICE BOLT & NUT OR (2) RIVETS

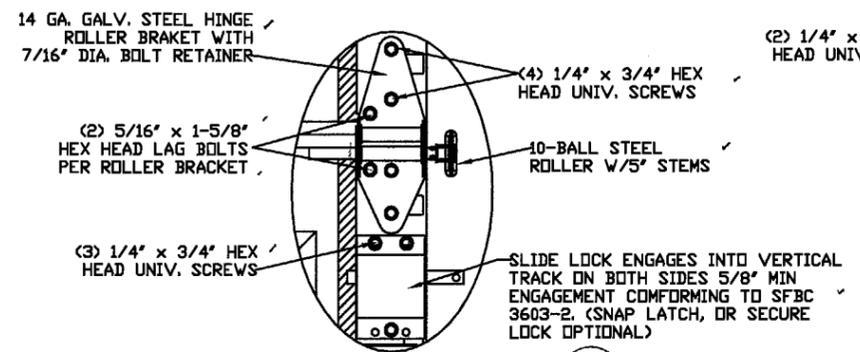
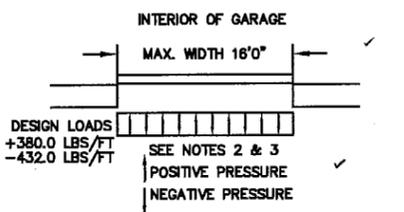
(4) 5/16" x 1-5/8" LAG BOLTS



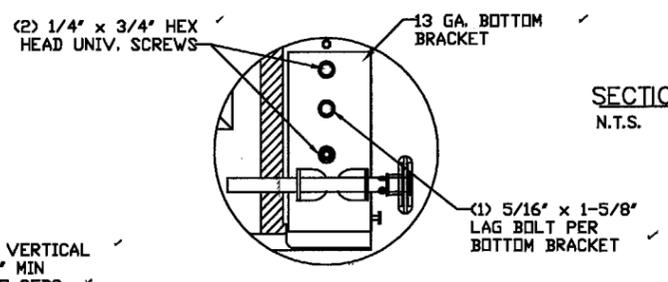
TYPICAL R-TRUSS ATTACHMENT  
N.T.S. S1 5

JAMB BRACKET LOCATIONS

	A	B	C	D	E	F	G	H	S
6'-6"	3'	14"	24"	35"	43"	53"	65"		70"
7'-0"	3'	14"	27"	38"	46"	56"	68"		76"
7'-6"	3'	11"	24"	35"	43"	53"	65"	75"	82"
8'-0"	3'	14"	27"	38"	46"	56"	68"	78"	88"



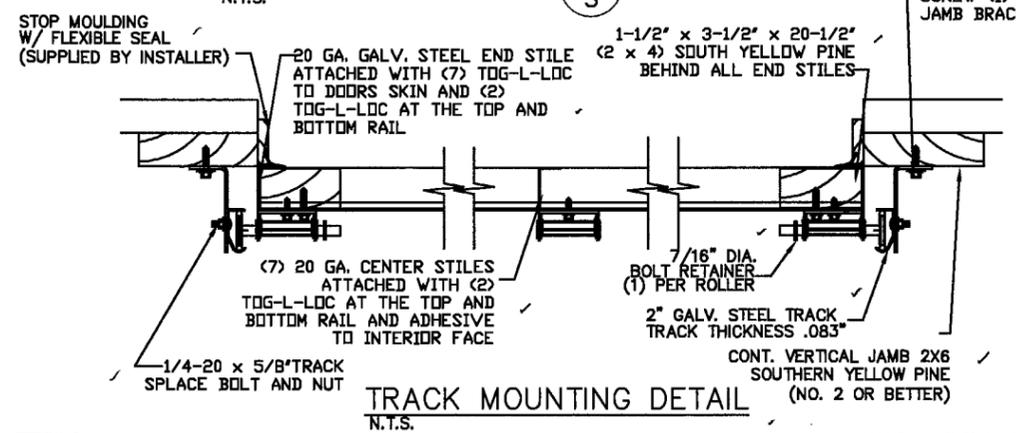
TYPICAL ROLLER BRACKET  
N.T.S. S1 3



TYPICAL BOTTOM BRACKET  
N.T.S. S1 4

WOOD JAMB ATTACHMENT TO STRUCTURE  
RATED FOR 150 MPH PEAK GUST (130 MPH FASTEST-MILE BASIC WIND SPEEDS)

- 2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE  
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 12" O.C. (1 1/2" 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 16" 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 12" 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



TRACK MOUNTING DETAIL  
N.T.S.

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: +380.0 LBS/FT & -432.0 LBS/FT
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASHA.
- DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, G-40 GALVANIZATION W/ BAKED ON POLYESTER FINISH
- DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (1) 5" R-TRUSS PER SECTION
- DOORS UP TO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN. USE (1) 5" 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 7-88, AND SOUTH FLA. BUILDING CODE 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 (130 MPH FASTEST MILE)
  - B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP. **BUT NOT EXCEEDING DESIGN P.**
  - 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
MAX SIZE	16' x 8'		
DESIGN LOADS	+45.0 PSF -54.0 PSF		
LARGE MISSILE IMPACT RESISTANCE			

APR 02 2002

Amarr

GARAGE DOORS

5931 GRASSY CREEK BLVD, WINSTON-SALEM, N.C. 27105

MODEL 950 "HERITAGE"

Short Panel and Flush Panel

SIZE	DRAWN BY	DLJ	DATE	07/25/01	DRAWING NUMBER	SFC-590-009
B	CHECKED BY		DATE			

SHEET 1 OF 1