



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](http://www.miamidade.gov/economy)

**Amarr Garage Doors**  
**165 Carriage Court**  
**Winston-Salem, NC 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 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: Model 500 Classica 1000, 2000 Steel Sectional Garage Door up to 9'-0" Wide**

**APPROVAL DOCUMENT:** Drawing No. **IRC-5309-185-21-I**, titled "Model 500 Classica 1000, 2000 Flush, Bead, Raised and Recessed Panel", sheets 1 through 3 of 3, dated 09/11/2008, with revision A dated 11/07/2010, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, 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, 3800 Greenway Circle, Lawrence, Kansas, 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 revises NOA # 14-0306.05 and 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]*  
07/14/2015

NOA No. 15-0505.19  
Expiration Date: April 29, 2019  
Approval Date: July 23, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS “Submitted under NOA # 12-0228.11”**

1. Drawing No. **IRC-5309-185-21-I**, titled “Model 500 Classica 1000, 2000 Flush, Bead, Raised and Recessed Panel”, sheets 1 through 3 of 3, dated 09/11/2008, with revision A dated 11/07/2010, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, P.E.

**B. TESTS “Submitted under NOA # 12-0228.11”**

1. Test report on Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments per ASTM D1654 & ASTM B117, prepared by Architectural Testing, Inc., Test Report # **A7420.01-106-18**, dated 04/12/2011, signed and sealed by Joseph A. Reed, P.E.

**“Submitted under NOA # 09-0312.06”**

2. 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
  - 5) Tensile Test, per ASTM E8

Along with marked-up drawings and installation diagram of Amarr 9’x 8’ 24 ga steel garage door Model 500 Classica 1000, prepared by American Test Lab, Inc, Test Report No. **ATLNC 0825.01-08**, dated 10/07/2008, signed and sealed by David W. Johnson, P.E.

**C. CALCULATIONS “Submitted under NOA # 12-0228.11”**

1. Anchor calculations prepared by Structural Solutions, P.A., dated 01/25/2012, signed and sealed by Thomas L. Shelmerdine, P.E.

**D. QUALITY ASSURANCE**


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

**E. MATERIAL CERTIFICATIONS**

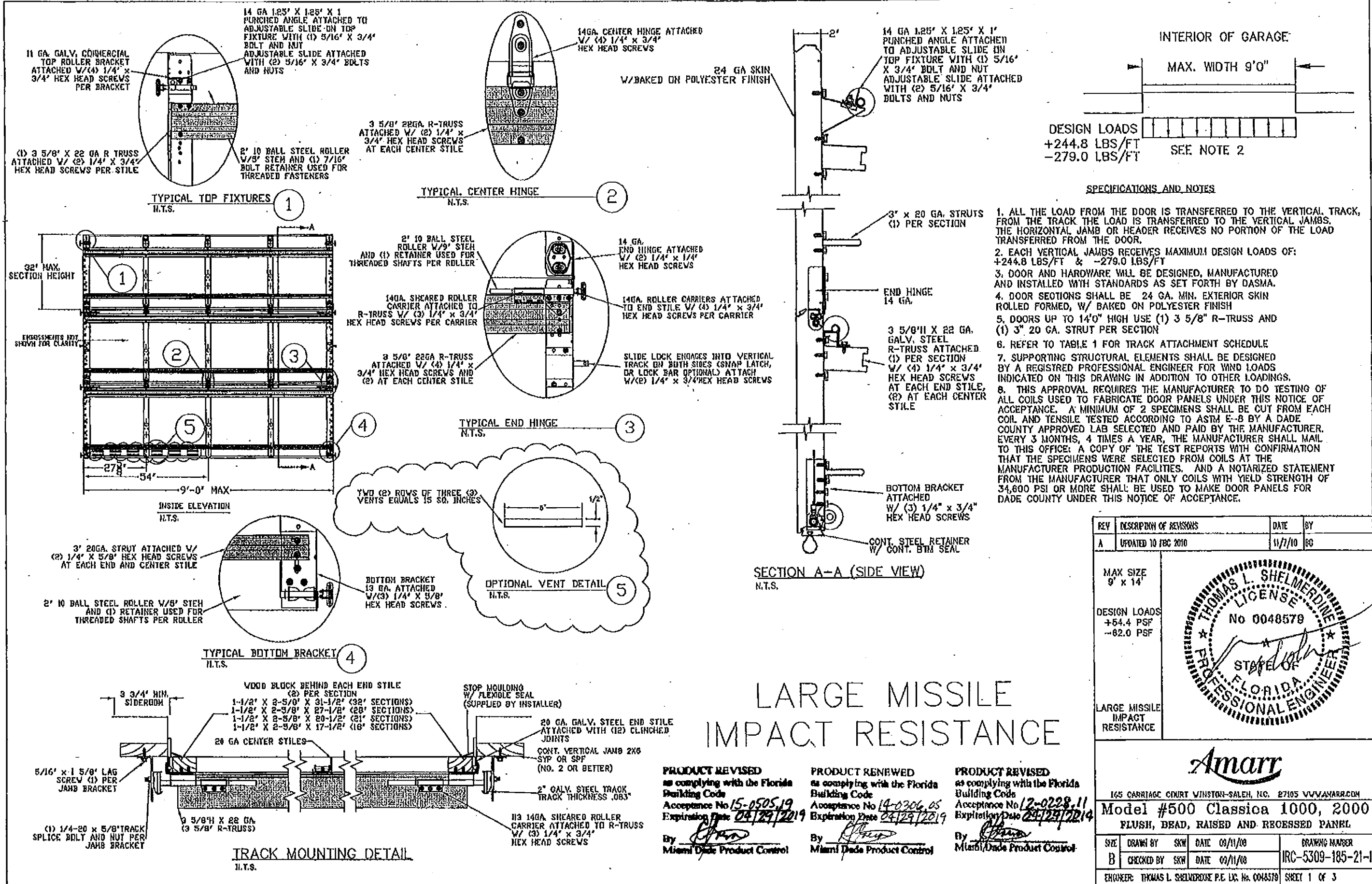
1. None.

**F. STATEMENTS**

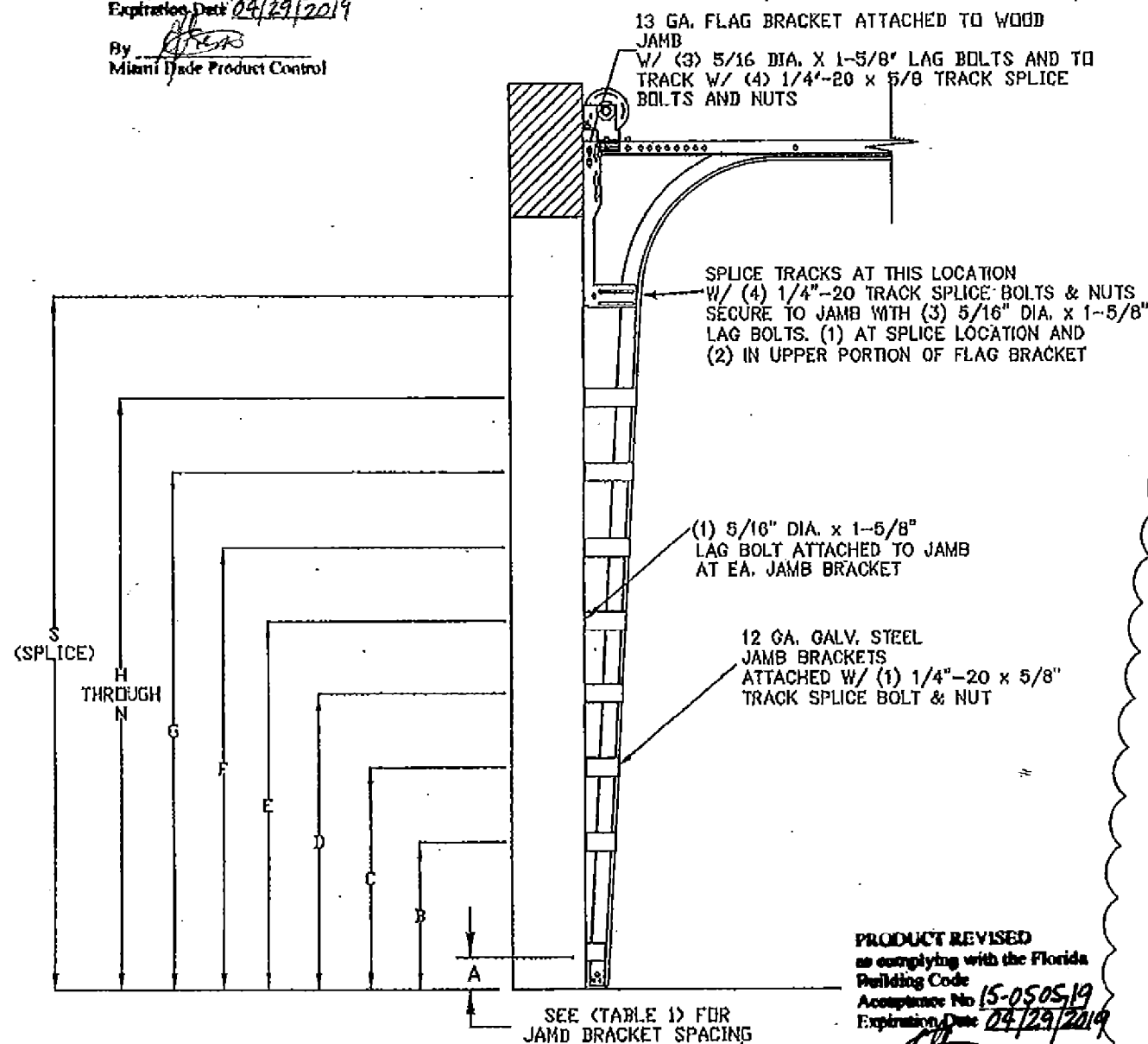
1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC and no financial interest issued by Structural Solutions, PA., dated 04/08/2015, signed and sealed by Tomas L. Shelmerdine, P.E.

  
07/14/2015

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 15-0505.19  
Expiration Date: April 29, 2019  
Approval Date: July 23, 2015



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 14-0306.05  
Expiration Date 04/29/2019  
By *[Signature]*  
Miami Dade Product Control



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## WOOD JAMB ATTACHMENT TO STRUCTURE

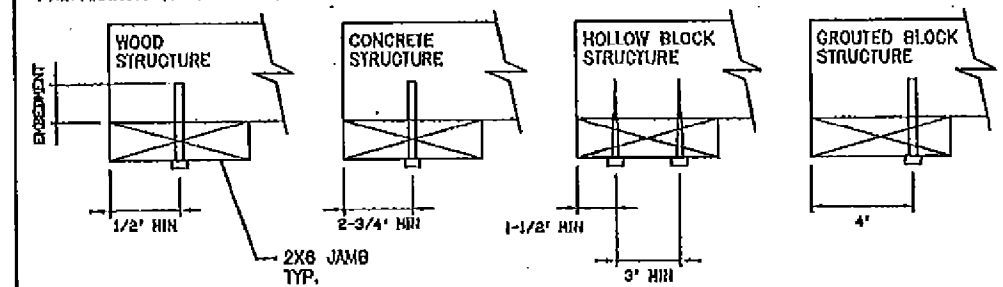
**2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE**  
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 20" O.C. (1 1/2" EMBEDMENT)

**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 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 HOLLOW C-90 BLOCK**  
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 8" O.C. (1 1/2" EMBEDMENT)  
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 8" O.C. (1 1/4" EMBEDMENT)

**2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)**  
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 20" O.C. (1 1/4" EMBEDMENT)  
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

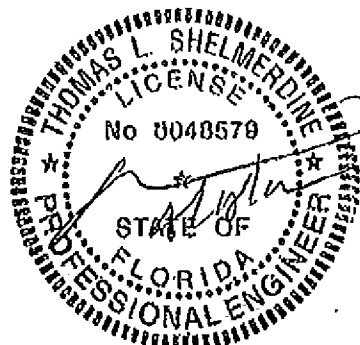
\*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.  
\*PREPARATION OF WOOD JAMBS BY OTHERS




PRODUCT REVISED  
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By *[Signature]*  
Miami Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATED TO FBC 2010	11/7/10	BG

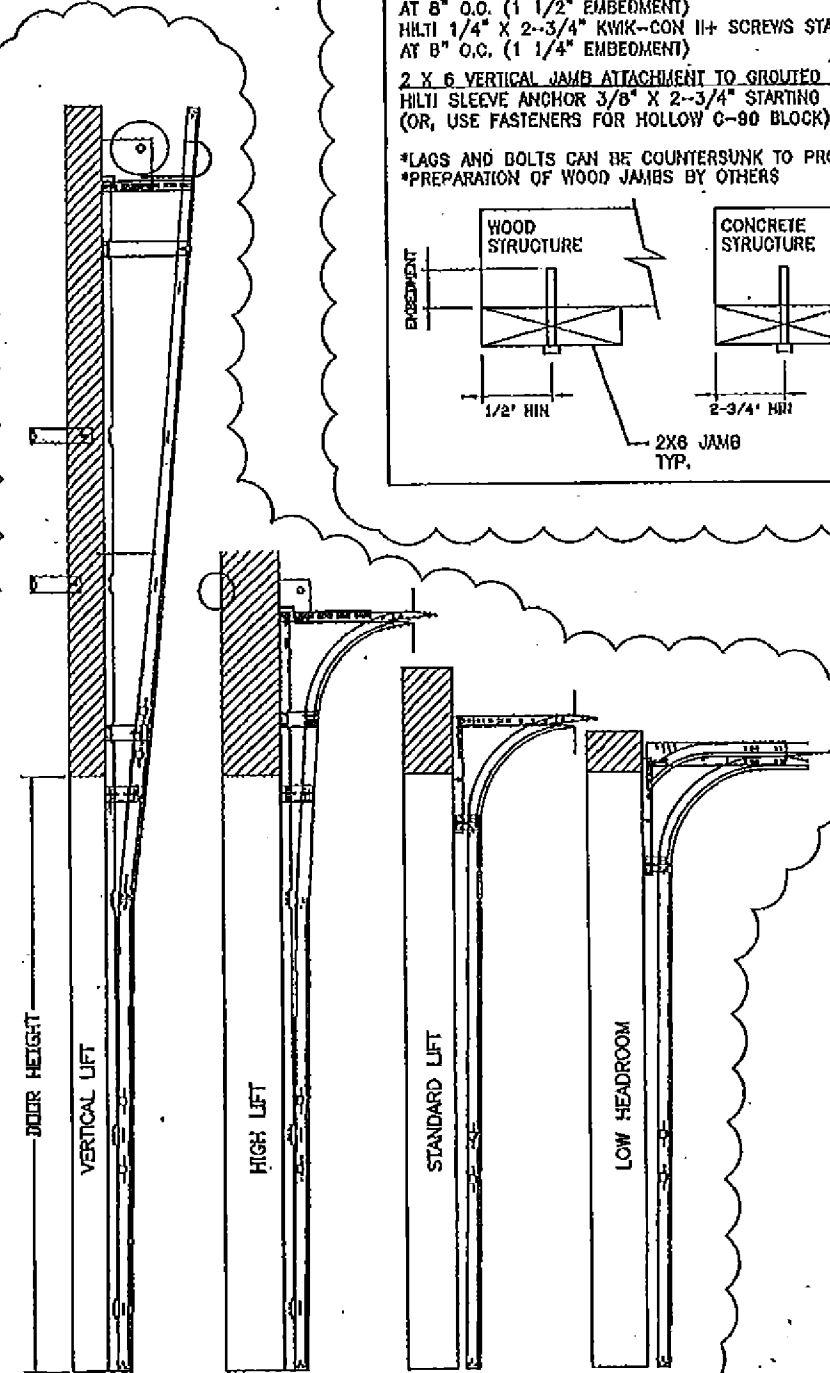
MAX SIZE 8' x 14'	
DESIGN LOADS +54.4 PSF -62.0 PSF	
LARGE MISSILE IMPACT RESISTANCE	

	
165 CARRIAGE COURT WINSTON-SALEM, NC 27103 WWW.AMARR.COM	
Model #500 Classica 1000, 2000 FLUSH AND BEAD PANEL	

SIZE 8	DRAWN BY SKW	DATE 09/11/09	DRAWING NUMBER
	CHECKED BY SKW	DATE 09/11/09	IRC-5309-185-21-1
ENGINEER: THOMAS L. SHELME RDINE P.E. LIC. NO. 0040579			SHEET 2 OF 3



AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

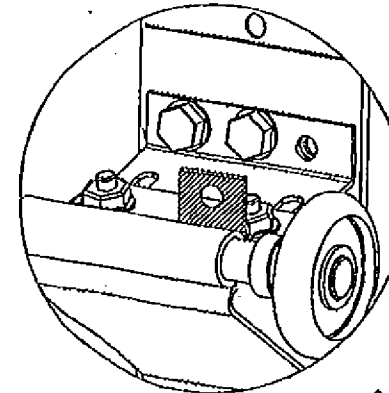
TABLE 1

DOOR HEIGHT	TRACK ATTACHMENT OPTION 1														SPLICE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
6'6"	3"	14"	27"	38"	46"	56"	64"								70"
7'	3"	14"	27"	38"	46"	56"	68"								76"
7'6"	3"	14"	27"	38"	46"	56"	68"	78"							82"
8'	3"	14"	27"	38"	46"	56"	68"	78"							88"
8'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"						94"
9'	3"	14"	27"	38"	46"	56"	68"	78"	88"						100"
9'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	98"					106"
10'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"					112"
10'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"				118"
11'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"				124"
11'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	120"			130"
12'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	110"	122"			136"
12'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	132"		142"
13'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"		148"
13'6"	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	109"	122"	134"	144"	154"
14'	3"	14"	27"	38"	46"	56"	68"	78"	88"	100"	114"	122"	134"	146"	160"

ALL TRACK ATTACHMENT SPACING  $\pm 2"$  ALLOWED  
WITH SYP OR SPF NO. 2 OR BETTER ONLY

DOOR HEIGHT	TRACK ATTACHMENT OPTION 2														SPLICE
	A	B	C	D	E	F	G	H	I	J	K	L	M	S	
6'6"	3.5"	10"	22"	34"	46"	58"									70"
7'	3.5"	10"	22"	34"	46"	58"									76"
7'6"	3.5"	10"	22"	34"	46"	58"	70"								82"
8'	3.5"	10"	22"	34"	46"	58"	70"								88"
8'6"	3.5"	10"	22"	34"	46"	58"	70"	82"							94"
9'	3.5"	10"	22"	34"	46"	58"	70"	82"							100"
9'6"	3.5"	10"	22"	34"	46"	58"	70"	82"	94"						106"
10'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"					112"
10'6"	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"				118"
11'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"				124"
11'6"	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"			130"
12'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"			136"
12'6"	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"		142"
13'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"		148"
13'6"	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	154"
14'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	160"	160"

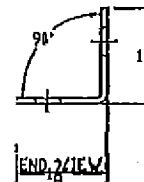
ALL TRACK ATTACHMENT SPACING  $\pm 2"$  ALLOWED  
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TOP FIXTURE REINFORCEMENT  
ILLUSTRATION

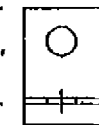
TOP FIXTURE ADDER PIECE



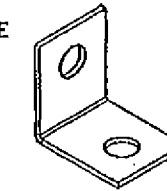
TOP VIEW



END VIEW



SIDE VIEW



ISOMETRIC VIEW

## NOTES:

1. ZINC COATING
2. MATERIAL YIELD STRENGTH: 35-49 KSI.
3. MATERIAL HARDNESS: 50-60 ROCKWELL B.
4. 1.25" X 1.25" X 1" X 14 GA PUNCHED ANGLE MAY BE USED

TABLE 2

Section			Stile Locations (Measured From Left Edge)			Panel Arrangements	
			1st (in)	2nd (in)	3rd (in)	Width to Leading Embossment Edge (in)	Spacing Between Embossment Pairs (in)
Width (ft)	Width (in)	Height(s) (in)					
7'-6"	90	18&21	22.487	44.938	67.389	2.036	4.000
7'-10"	94	18&21	23.577	46.938	70.299	3.126	5.820
8'-2"	98	18&21	25.063	48.938	72.813	4.612	6.848
8'-6"	102	18&21	26.063	50.938	75.813	5.612	8.848
8'-10"	106	18&21	27.063	52.938	78.813	6.612	10.848

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REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATED TO FBC 2010	11/7/10	BO

MAX SIZE 9' x 14'	
DESIGN LOADS +54.4 PSF -82.0 PSF	
LARGE MISSILE IMPACT RESISTANCE	

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

Model #500 Classica 1000, 2000  
FLUSH AND BEAD PANEL

SIZE	DRAWN BY	SKW	DATE	09/11/08	DRAWING NUMBER
B	CHECKED BY	SKW	DATE	09/11/08	IRC-5309-185-21-1
ENGINEER: THOMAS L. SHELMEERDINE P.E. LIC. NO. 8048570					SHEET 3 OF 3