



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/building

Amarr Garage Doors dba Entrematic
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 “950 Amarr Heritage 1000, 2000 (Dp: +45.3, -51.2 psf)” Steel Sectional Garage Door up to 9’-0” Wide with Optional Impact Resistant Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **IRC-9509-169-15-G**, titled “Model 950 Amarr Heritage 1000, 2000”, sheets 1 through 3 of 3, dated 02/24/22, prepared by manufacturer, signed and sealed by Tomas 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: Each unit shall bear 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.

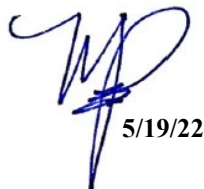
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises NOA No. 20-1015.29** and consists of this page 1 and evidence page E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




5/19/22

NOA No. 22-0414.08
Expiration Date: October 10, 2023
Approval Date: May 26, 2022
Page 1

Amarr Garage Doors dba Entrematic

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 13-0813.23)
2. Drawing No. **IRC-9509-169-15-G**, titled "Model 950 Heritage & Model 655 Oak Summit, (24 GA) 1000, 2000, Short, Long, Flush and Oak Summit Panels", sheets 1 through 3 of 3, dated 03/12/13, prepared by manufacturer, signed and sealed signed and sealed by Thomas L. Shelmerdine, P.E.
(Submitted under NOA No. 13-0813.23)

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 Amarr 9' x 7' 24 ga. steel garage door Model 950, prepared by American Test Lab, Inc, Test Report No. **ATLNC 0320.01-13**, dated 05/01/13 and addendum letter dated 07/16/13, both signed and sealed by David W. Johnson, P.E.
(Submitted under NOA No. 13-0813.23)
2. 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 No. **C5463.01-106-18**, dated 04/03/13, signed and sealed by Gary T. Hartman, P.E.
(Submitted under NOA No. 13-0503.07)

C. CALCULATIONS

1. Anchor calculations prepared by Structural Solutions, P.A., dated 07/17/13, signed and sealed by Thomas L. Shelmerdine, P.E.
(Submitted under NOA No. 13-0813.23)

D. QUALITY ASSURANCE

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


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0414.08
Expiration Date: October 10, 2023
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Amarr Garage Doors dba Entrematic

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Clear and Color Glass Interlayers**" dated 08/06/20, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated August 27, 2020, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.
(Submitted under NOA No. 20-1015.29)

G. OTHERS

1. Notice of Acceptance No. **18-0725.04**, issued to Amarr Garage Doors dba Entrematic for their Model 950 Heritage & 655 Oak Summit 1000, 2000 Steel Sectional Garage Door up to 9'-0" Wide with Impact Windows (DP +45.3, -51.2 PSF), approved on 08/30/18 and expiring on 10/10/23.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0414.08
Expiration Date: October 10, 2023
Approval Date: May 26, 2022

Amarr Garage Doors dba Entrematic

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **IRC-9509-169-15-G**, titled “Model 950 Amarr Heritage 1000, 2000”, sheets 1 through 3 of 3, dated 02/24/22, prepared by manufacturer, signed and sealed signed and sealed by Thomas L. Shelmerdine, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94,
2) Forced Entry Resistance Test per FBC, TAS 202-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
5) Tensile Test per ASTM E8

along with marked-up drawings and installation diagram of a Model 950 Amarr 9' x 7', 24 ga. steel Sectional Steel Garage Door, prepared by American Test Lab, Inc., Report No. **ATLNC 1206.02-21**, dated 03/30/22, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Structural Solutions, P.A., dated 04/04/22, 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

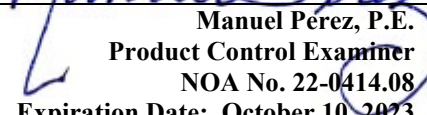
1. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

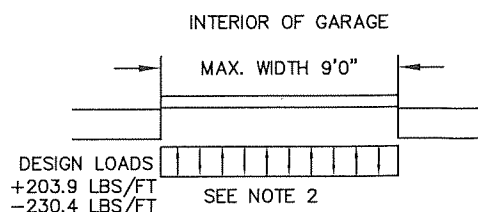
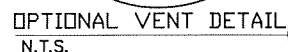
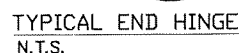
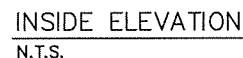
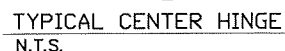
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated 04/04/20, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

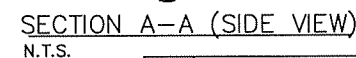
G. OTHERS

1. Notice of Acceptance No. **20-1015.29**, issued to Amarr Garage Doors dba Entrematic for their Model 950 Heritage & 655 Oak Summit 1000, 2000 Steel Sectional Garage Door up to 9'-0" Wide with Impact Windows – L.M.I., approved on 01/21/21 and expiring on 10/10/23.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0414.08
Expiration Date: October 10, 2023
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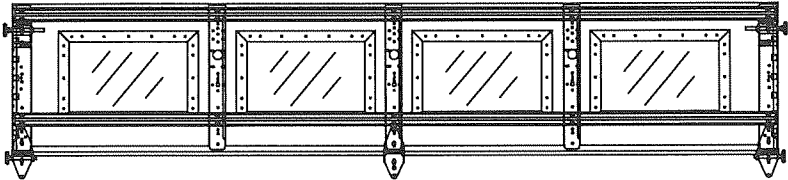


24 GA. (.0216" MIN)
EXTERIOR SKIN G30
GALVANIZED W/ POLYESTER
TOP COAT

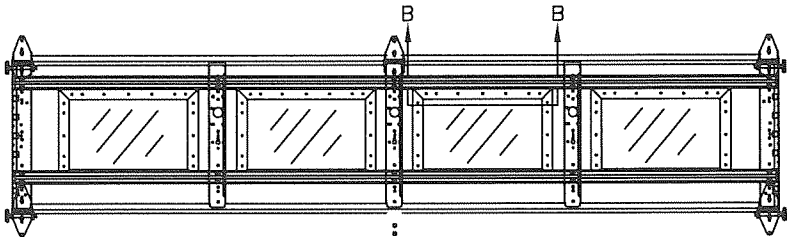


SIZE	DRAWN BY	DRC	DATE	02/24/22	DRAWING NUMBER IRC-9509-169-15-
B	CHECKED BY	RLR	DATE	03/02/22	
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 1 OF 3

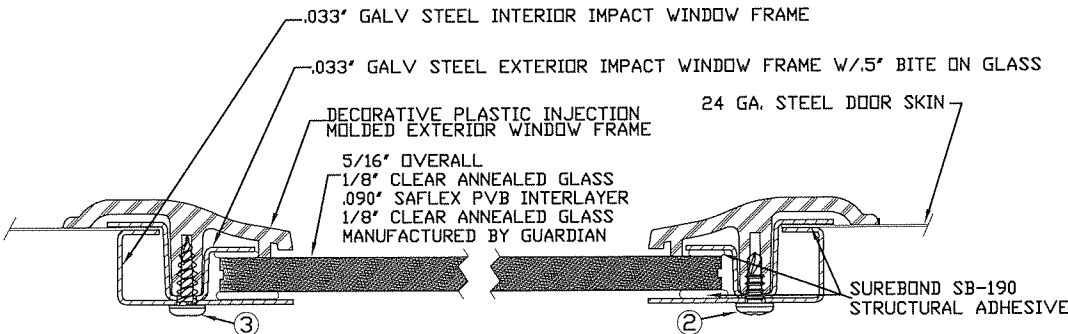
WOOD JAMB ATTACHMENT TO STRUCTURE



OPTIONAL TOP SECTION IMPACT GLAZED LAYOUT
N.T.S.

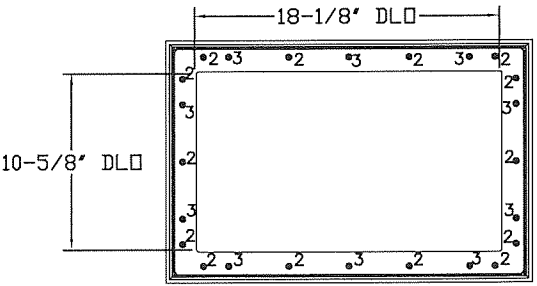


OPTIONAL INTERMEDIATE SECTION IMPACT GLAZED LAYOUT
N.T.S.

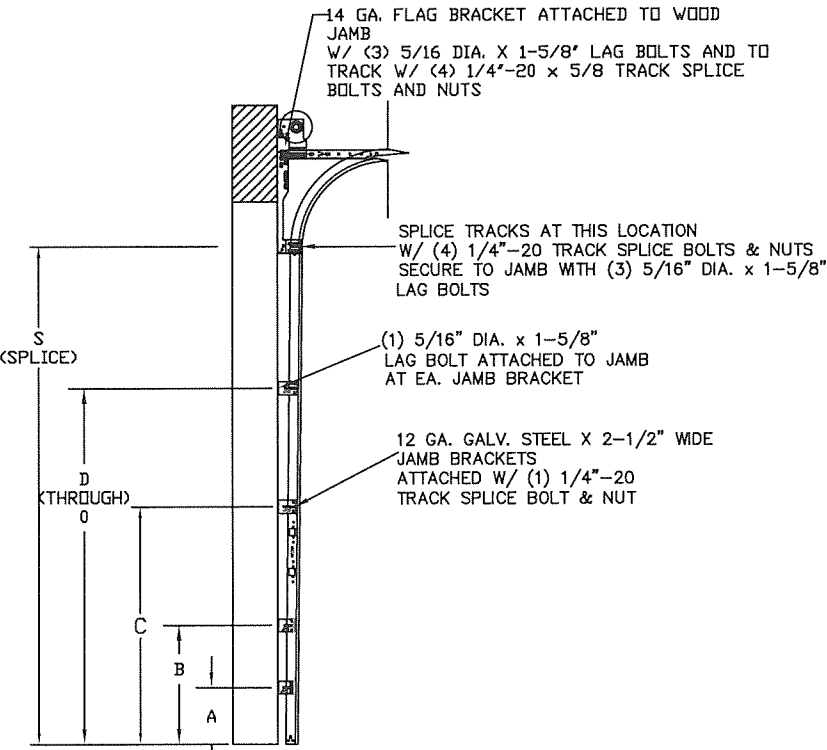


2. 3/16" X 1/2" SCREW - USED TO FASTEN THE STEEL EXTERIOR IMPACT WINDOW FRAME TO THE STEEL INTERIOR IMPACT WINDOW FRAME.
3. 11/64" X 1/2" SCREW - USED TO FASTEN DECORATIVE PLASTIC MOLDED WINDOW FRAME TO THE ASSEMBLY

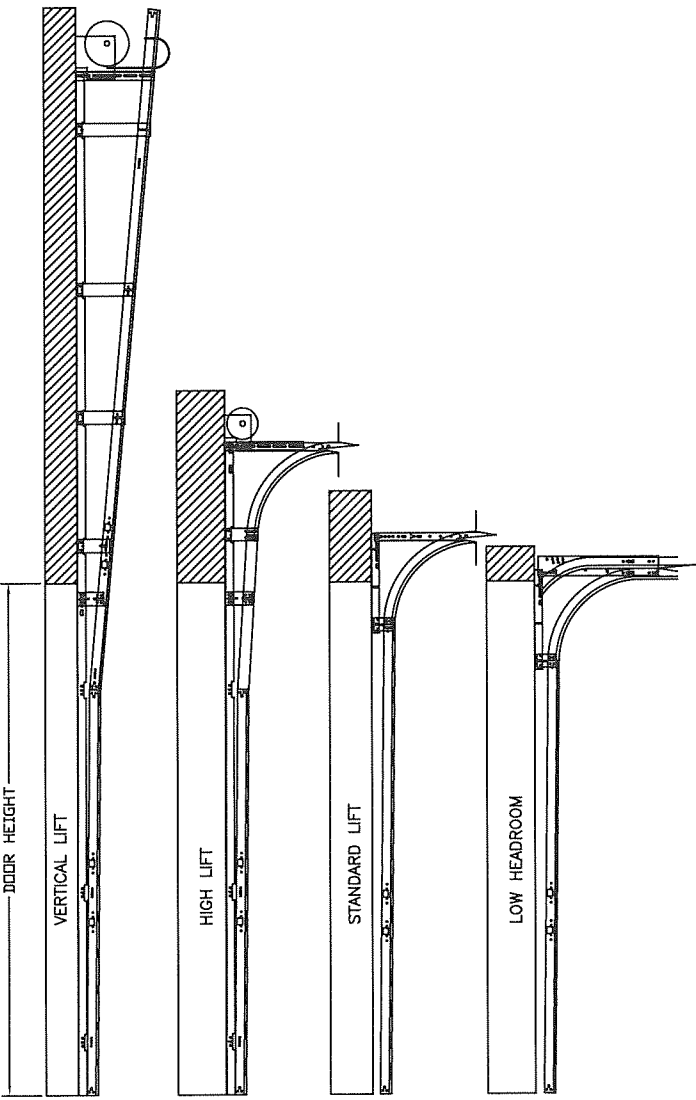
SECTION B-B IMPACT WINDOW DETAIL
N.T.S.



IMPACT GLAZING FASTENER DETAIL
N.T.S.
GLAZING MEETS ASTM E1300-04



SEE (TABLE 3) ON PAGE 3
FOR JAMB BRACKET SPACING
TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

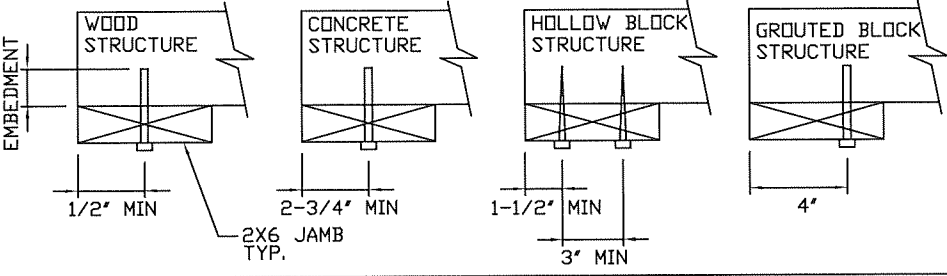
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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 20" 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 16" 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 16" 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 24" 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
as complying with the Florida
Building Code
NOA-No. **22-0414.08**
Expiration Date: **10/10/2023**
By: *Manuel Perez*
Miami-Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9' x 14'

DESIGN LOADS
+45.3 PSF
-51.2 PSF

LARGE MISSLE
IMPACT
RESISTANCE

Thomas L. Shelmerdine, PE (FL #0048579)
Structural Solutions, PA (FL Firm #29412)

THOMAS L. SHELMERDINE
LICENSE
No. 48579
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
FL

dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

Amarr
ENTREMATIC

MODEL 950 AMARR HERITAGE 1000, 2000

SIZE B	DRAWN BY DRC	DATE 02/24/22	DRAWING NUMBER IRC-9509-169-15-G
	CHECKED BY RLR	DATE 03/02/22	

ENTREMATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

SHEET 2 OF 3

TABLE 1

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9' 6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

TABLE 2

SECTION	STRUT SIZE
8TH	3"
	3"
7TH	3"
	3"
6TH	3"
	3"
5TH	3"
	3"
4TH	3"
	3"
3RD	3"
	3"
2ND	3"
	3"
BOTTOM	3"
	3"

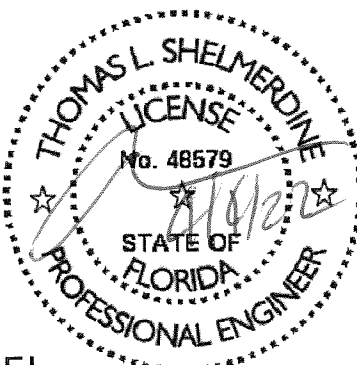
TABLE 3


DOOR HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	H	
6' 6"	3.5"	21"	39"	57"					70"
7'	3.5"	21"	42"	63"					76"
7' 6"	3.5"	18"	36"	54"	72"				82"
8'	3.5"	21"	39"	57"	75"				88"
8' 6"	3.5"	21"	42"	63"	81"				94"
9'	3.5"	18"	36"	54"	72"	90"			100"
9' 6"	3.5"	21"	39"	57"	75"	93"			106"
10'	3.5"	21"	42"	63"	81"	99"			112"
10' 6"	3.5"	21"	42"	63"	84"	105"			118"
11'	3.5"	21"	39"	57"	75"	93"	111"		124"
11' 6"	3.5"	21"	42"	63"	81"	99"	117"		130"
12'	3.5"	21"	42"	63"	84"	105"	123"		136"
12' 6"	3.5"	21"	39"	57"	75"	93"	111"	129"	142"
13'	3.5"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	3.5"	21"	42"	63"	84"	105"	123"	141"	154"
14'	3.5"	21"	42"	63"	84"	105"	126"	147"	160"

ALL TRACK ATTACHMENT SPACING $\pm 1"$ ALLOWED WITH SYP OR SPF NO.2 OR BETTER ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0414.08
Expiration Date: 10/10/2023
By: Manuel Perez
Miami-Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY

<p>MAX SIZE 9' x 14'</p> <p>DESIGN LOADS +45.3 PSF -51.2 PSF</p> <p>LARGE MISSILE IMPACT RESISTANCE</p>	<p>Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (PL Firm #29412)</p> <p>FL</p>  <p>FL</p>	<p>dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410</p>
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ENTRE//MATIC

MODEL 950 AMARR HERITAGE 1000, 2000			
SIZE B	DRAWN BY DRC	DATE 02/24/22	DRAWING NUMBER IRC-9509-169-15-G
	CHECKED BY RLR	DATE 03/02/22	
ENTRE//MATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 3