



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 the 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 #23-0615.07 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 **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
01/25/2024

NOA No. 23-1114.28
Expiration Date: 10/10/2028
Approval Date: 01/25/2024
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)

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.



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1114.28
Expiration Date: 10/10/2028
Approval Date: 01/25/2024

Amarr Garage Doors dba Entrematic

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

2. EVIDENCE SUBMITTED UNDER NOA # 22-0414.08

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

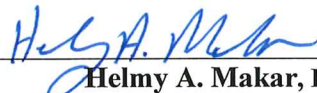
1. Anchor calculations prepared by Structural Solutions, P.A., dated 04/04/22, signed and sealed by Thomas L. Shelmerdine, P.E.

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.



Helmy A. Makar, P.E., M.S.
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NOA No. 23-1114.28
Expiration Date: 10/10/2028
Approval Date: 01/25/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

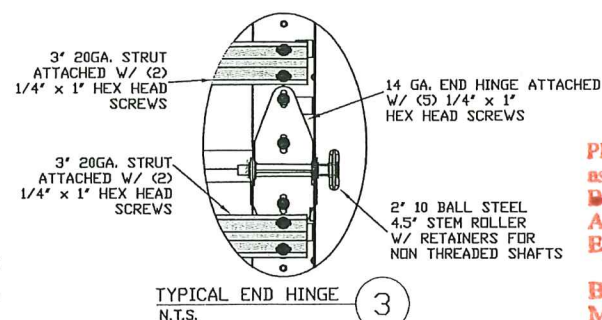
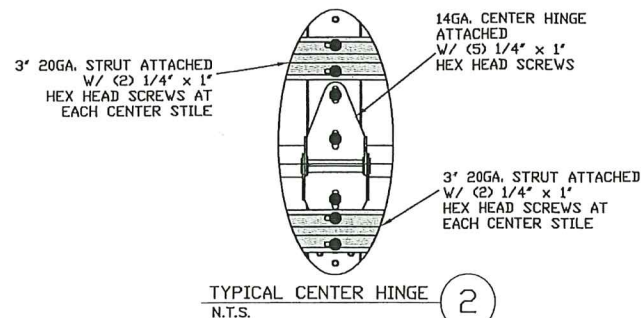
1. *Notice of Acceptance No. 21-0216.01 issued to Eastman Chemical Company (MA) for their "Saflex PVB Interlayers - Clear and Colored for Glass" dated 04/29/21, expiring on 05/21/26.*

F. STATEMENTS

1. *Statement letter of conformance, complying with FBC 8th Edition (2023) and of no financial interest, dated 10/27/23, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.*

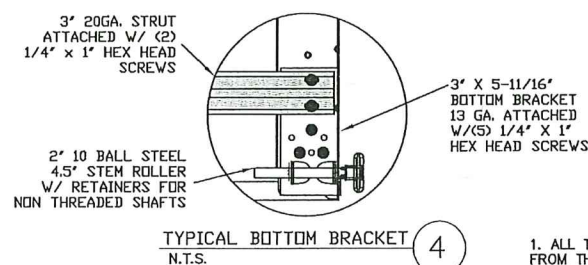


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NOA No. 23-1114.28
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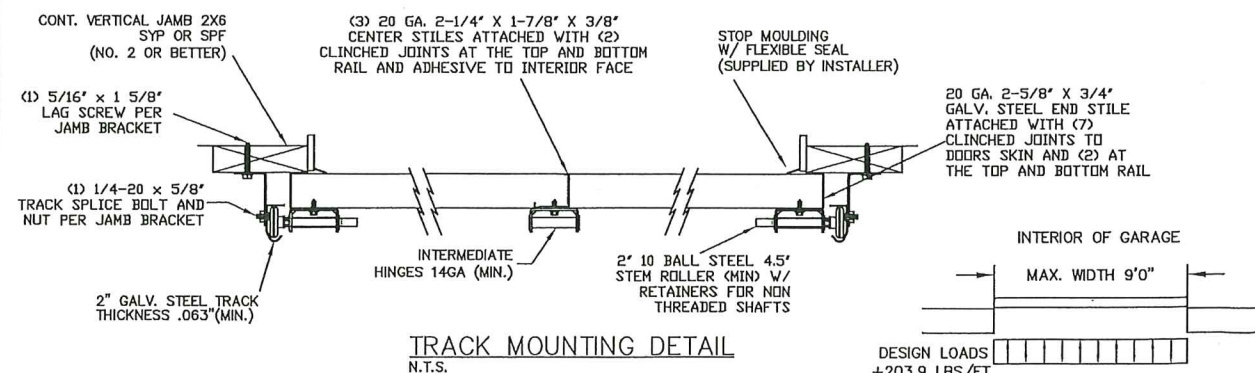


By [Signature]
Miami-Dade Product Control

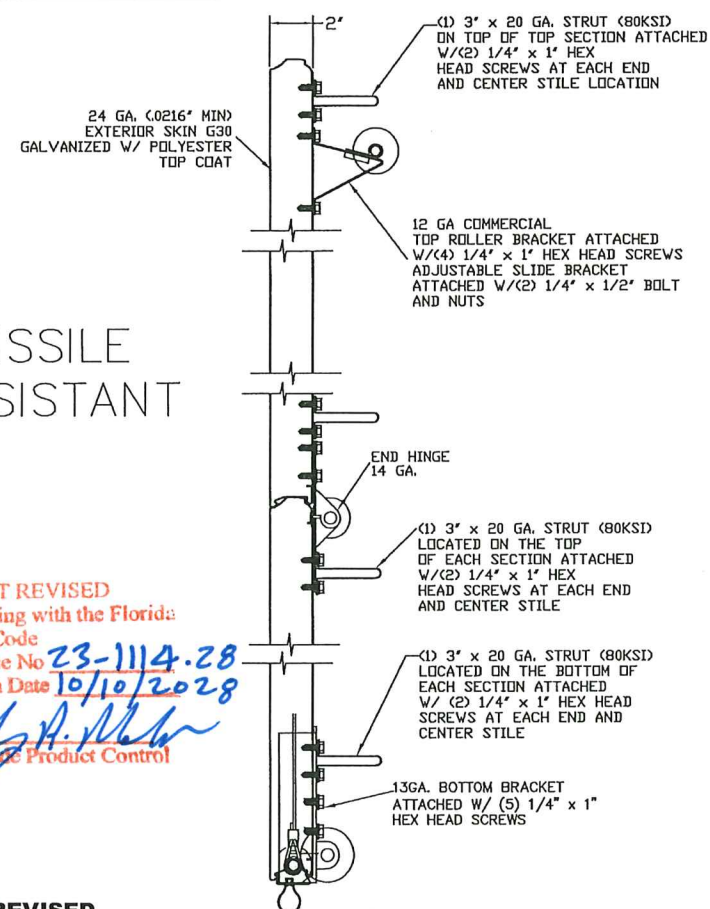
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1114-28
Expiration Date 10/10/2028
By Heidi A. Nelson
Miami-Dade Product Control





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

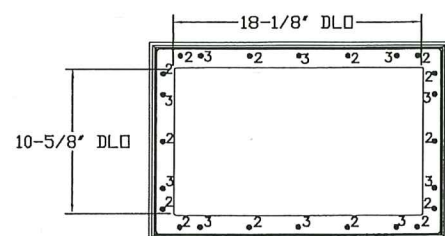
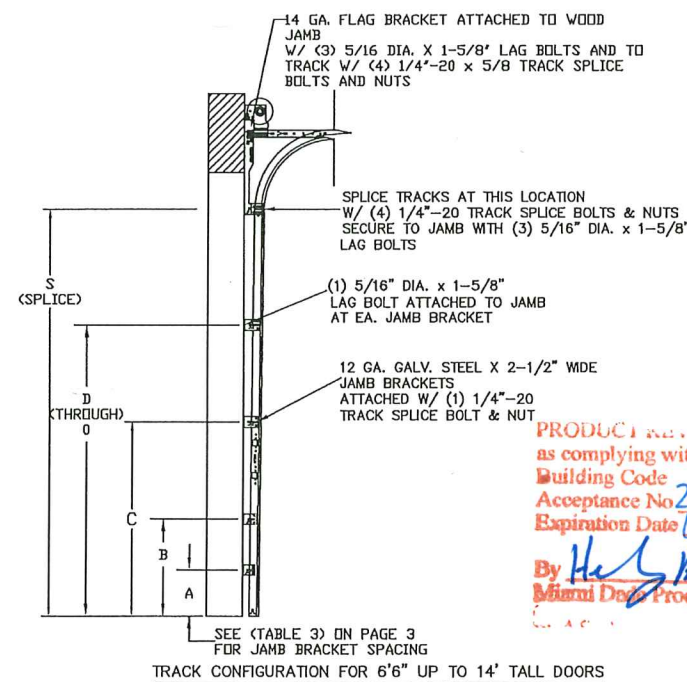
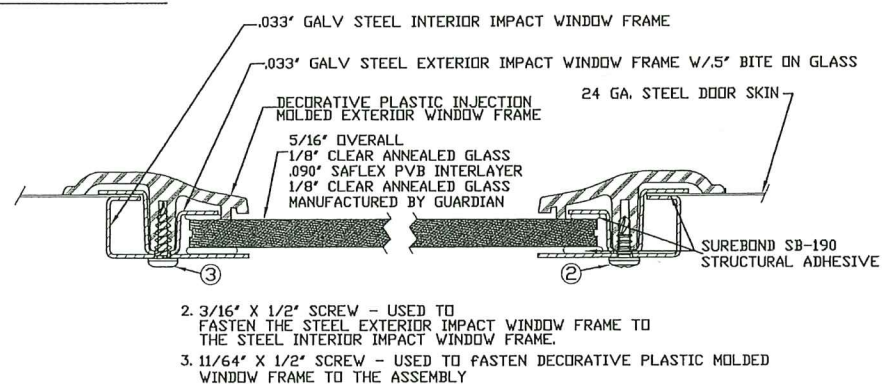
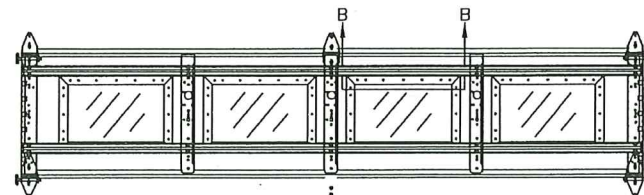
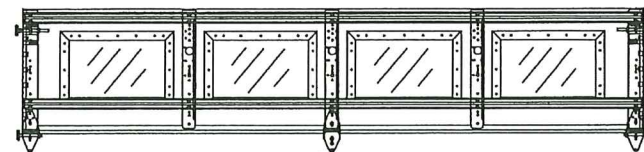


1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMB RECEIVES MAXIMUM DESIGN LOADS OF:
+203.9 LBS/FT² & -230.4 LBS/FT²
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 24 GA. (.0216) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (2) 3" 20 GA STRUTS PER SECTION
6. DOORS OVER (4) SECTIONS REFER TO TABLES ON PAGE 3
7. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
8. 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 40,000 PSI OR MORE SHALL BE USED TO MAKE DOOR PANELS FOR DADE COUNTY UNDER THIS NOTICE OF ACCEPTANCE.



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

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 (FL Firm #29412)</p>  <p>FL</p>	
			
MODEL 950 AMARR HERITAGE 1000, 2000			
SIZE B	DRAWN BY	ORC	DATE 02/24/22
	CHECKED BY	RJR	DATE 03/02/22
<p>ENTRE//MATIC</p> <p>165 CARRIAGE COURT WINSTON-SALEM, NC 27105</p>			
<p>DRAWING NUMBER</p> <p>IRC-9509-169-15</p>			<p>SHEET 1 OF 3</p>



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

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 23-1114.28
Expiration Date 10/10/2028
By Harry B. Miller
Miami Data Product Control

WOOD JAMB ATTACHMENT TO STRUCTURE

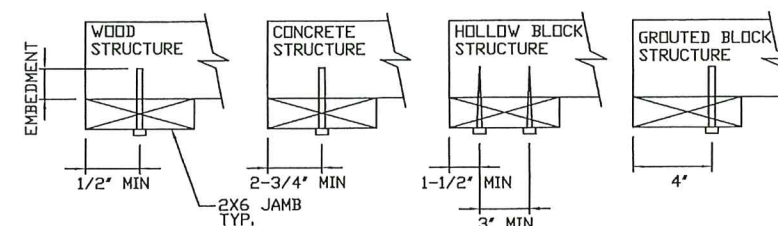
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)


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/RAMSEY 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 RENEWED
as complying with the Florida
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NOA-No. 23-0615.07
Expiration Date 10/10/2028
By 
Miami-Dade Product Control

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 (FL Firm #29412)</p>	
	<p>FL</p>	

MODEL 950 AMARR HERITAGE 1000, 2000			
SIZE B	DRAWN BY DRC	DATE 02/24/22	DRAWING NUMBER IRC-9509-169-15-C
	CHECKED BY RLR	DATE 03/02/22	
<p>ENTRE//MATIC</p> <p>165 CARRIAGE COURT, WINSTON-SALEM, NC, 27105</p>			<p>SHEET 2 OF 3</p>

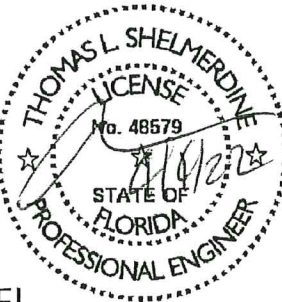

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"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

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"

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"

PRODUCT REVISED
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By Hely A. Nelson
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PRODUCT REVISED
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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 (FL Firm #29412)</p>  <p>FL</p> <p>d/b/a Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410</p>			
 <p>ENTRE//MATIC</p>					
MODEL 950 AMARR HERITAGE 1000, 2000					
SIZE B	DRAWN BY	DRG	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, NC 27105					SHEET 3 OF 3