

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/building

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

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 "1200 Amarr Heritage 3000 (Dp: +57.0, -67.5 psf)" Insulated Steel Sectional Garage Door up to 9'-0" Wide with Optional Impact Resistant Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **IRC-1209-190-21-I**, titled "Model #1200 Amarr Heritage 3000", sheets 1 through 4 of 4, dated 03/03/22, prepared by manufacturer, 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: 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 and renews NOA No. 20-1015.22 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.

MIAMI-DADE COUNTY
APPROVED

NOA No. 22-0414.03 Expiration Date: September 06, 2027 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's No. 07-0706.05 and 14-0414.10)

2. Drawing No. IRC-1209-189-21-I, titled "Model #1200 Heritage & Oak Summit 3000 Short, Long, Flush and Oak Summit Panels", sheets 1 through 4 of 4, dated 05/08/07, with revision C dated 10/28/13, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E.

(Submitted under NOA No. 14-0414.10)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Forced Entry Test per FBC, TAS 202-94,
along with marked-up drawings and installation diagram of 9'x 7' 24 ga steel garage door Model 1200 Heritage 3000, prepared by American Test Lab, Inc., Test Report No. ATLNC 0909.01-13, dated 12/17/13, and addendum letter dated 05/05/14, both signed and sealed by David W. Johnson, P.E.

(Submitted under NOA No. 14-0414.10)

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. A7420.01-106-18, dated 04/12/11, signed and sealed by Joseph A. Reed, P.E.

(Submitted under NOA No. 12-0228.03)

- 3. Test report on Forced Entry Test per FBC, TAS 202-94, prepared by American Test Lab, Inc., Test Report # ATLNC 0912.01-11, dated 10/13/2011, signed and sealed by David W. Johnson, P.E.
- 4. 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

along with marked-up drawings and installation diagram of a 9' x 7' Sectional Steel Garage Door, prepared by American Test Lab, Inc., Report No. **ATLNC-0430.01-07**, dated 06/06/07, signed and sealed by David W. Johnson, P.E.

(Submitted under NOA No. 07-0706.05)

5. Test report on Tensile Test for 3 Samples per ASTM E 8, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-07-T707**, dated 05/30/07, signed and sealed by Candido F. Font, P.E.

(Submitted under NOA No. 07-0706.05)

Manuel Pérez, P.E. Product Control Examiner NOA No. 22-0414.03

Expiration Date: September 06, 2027 Approval Date: May 26, 2022

Amarr Garage Doors dba Entrematic

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

C. CALCULATIONS

1. Anchor calculations prepared by Structural Solutions, P.A., dated 01/24/14, signed and sealed by Thomas L. Shelmerdine, P.E. (Submitted under NOA No. 14-0414.10)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 17-0410.01 issued to Covestro, LLC for their "Macrolon® Polycarbonate Sheet", dated 06/08,17, expiring on 08/27/22
- 2. Notice of Acceptance No. **15-1201.11** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/17/16, 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. 20-1015.22)

G. OTHERS

1. Notice of Acceptance No. **17-1010.29**, issued to Amarr Garage Doors for their Model 1200 Heritage & Oak Summit 3000 Insulated Steel Sectional Garage Door up to 9'-0" Wide with Impact Resistant Windows (DP +57.0, -67.5 PSF), approved on 12/28/17 and expiring on 09/06/22.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0414.03

Expiration Date: September 06, 2027 Approval Date: May 26, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. IRC-1209-190-21-I, titled "Model #1200 Amarr Heritage 3000", sheets 1 through 4 of 4, dated 03/03/22, prepared by manufacturer, 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 1200 Amarr 9' x 7', 24 ga. steel Sectional Steel Garage Door, prepared by American Test Lab, Inc., Report No. **ATLNC 1109.01-21**, dated 03/30/21, 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.
- 2. Notice of Acceptance No. 22-0317.02 issued to Plaskolite, LLC for their "TUFFAK Polycarbonate Sheets" dated 04/21/22 expiring on 08/27/27.

F. STATEMENTS

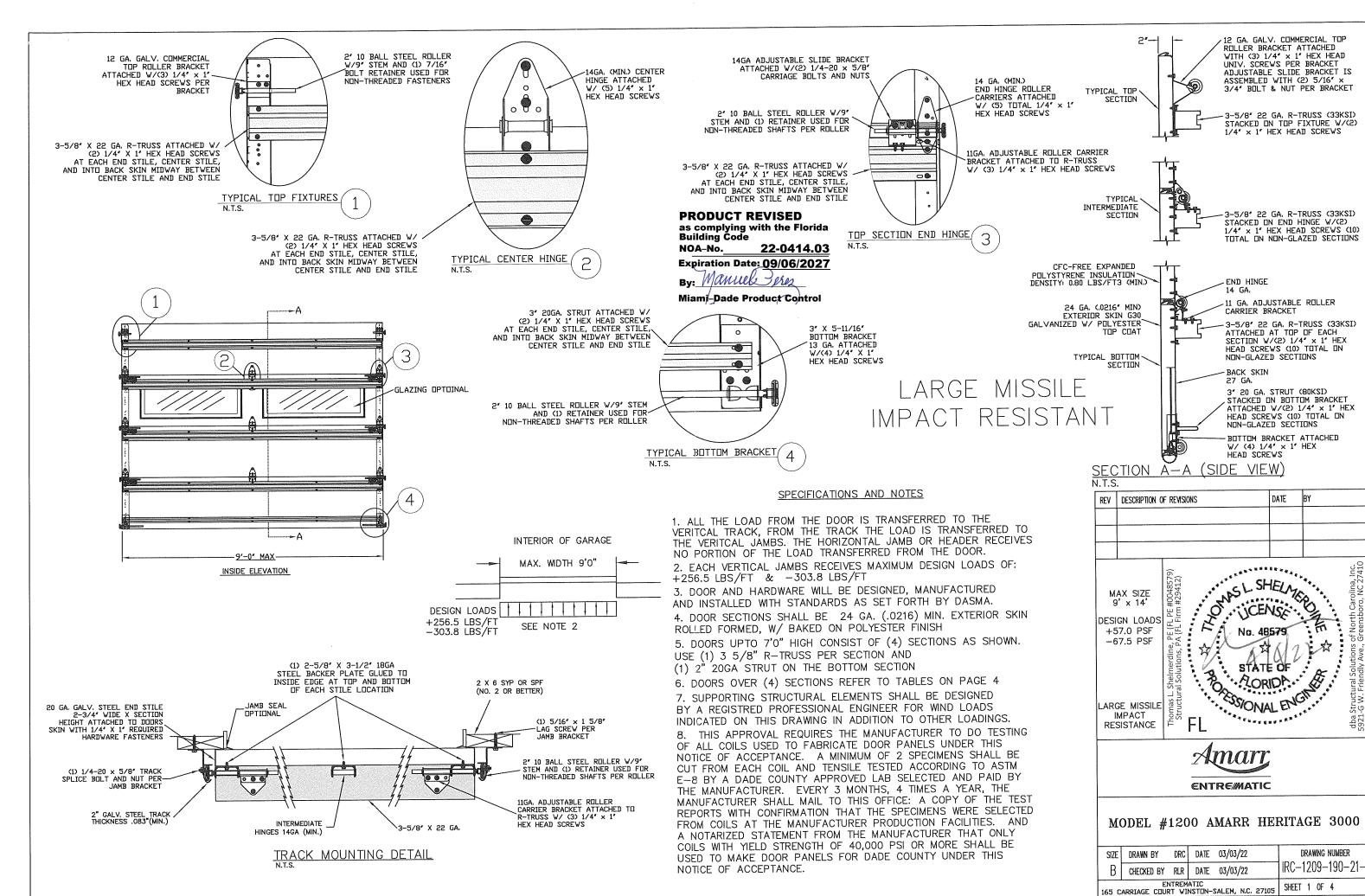
1. Statement letter of conformance, complying with **FBC** 7th **Edition (2020)** and of no financial interest, dated 04/04/20, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-1015.22**, issued to Amarr Garage Doors dba Entrematic for their Model 1200 Heritage & Oak Summit 3000 Insulated Steel Sectional Garage Door up to 9'-0" Wide with Impact Resistant Windows – L.M.I., approved on 01/21/21 and expiring on 09/06/22.

Manuel Perez, P.E. Product Control Examiner NOA No. 22-0414.03

Expiration Date: September 06, 2027 Approval Date: May 26, 2022



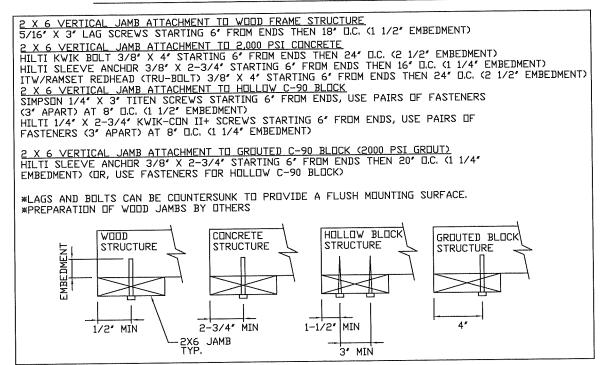
olina, Inc. , NC 27410

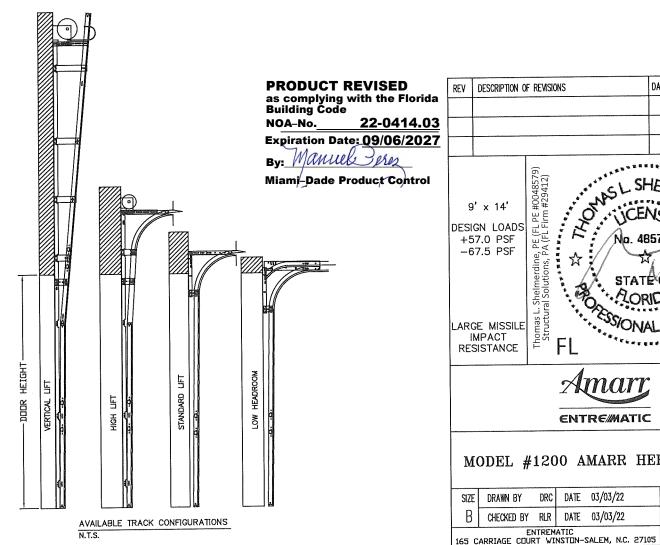
dba Structural 5921-G W. Friel

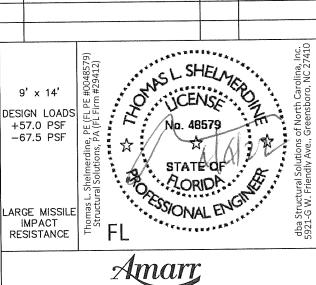
14 GA. FLAG BRACKET ATTACHED TO WOOD JAMB W/ (3) 5/16 DIA. X 1-5/8' LAG BOLTS AND TO TRACK W/ (4) 1/4"-20 x 5/8 TRACK SPLICE BOLTS AND NUTS SPLICE TRACKS AT THIS LOCATION W/ (4) 1/4"-20 TRACK SPLICE BOLTS & NUTS SECURE TO JAMB WITH (3) 5/16" DIA. x 1-5/8" LAG BOLTS (1) 5/16" DIA. x 1-5/8" LAG BOLT ATTACHED TO JAMB AT EA. JAMB BRACKET 12 GA. X 2-1/2" WIDE (SPLICE) GALV. STEEL JAMB BRACKETS ATTACHED W/ (1) $1/4"-20 \times 5/8"$ TRACK SPLICE BOLT & NUT THROUGH Α SEE (TABLE 2) ON PAGE 4 FOR JAMB BRACKET SPACING

TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS

WOOD JAMB ATTACHMENT TO STRUCTURE







ENTRE/MATIC

MODEL #1200 AMARR HERITAGE 3000

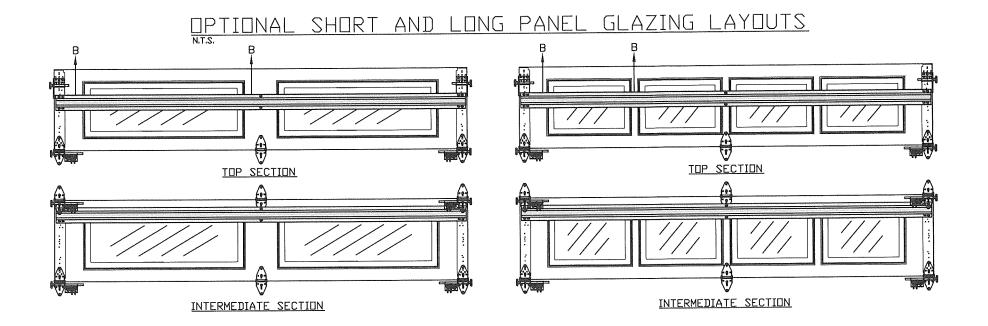
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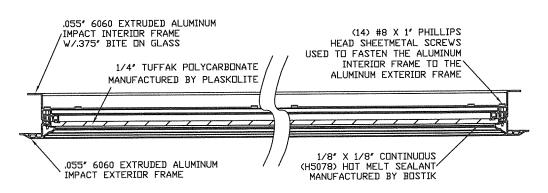
SHEET 2 OF 4

SIZE DRAWN BY DRC DATE 03/03/22

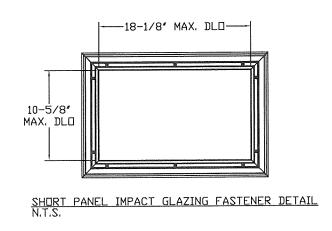
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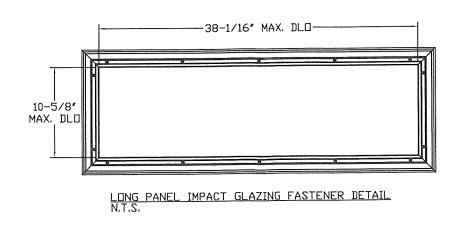
DATE





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





PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. <u>22-0414.03</u> Expiration Date: <u>09/06/2027</u>

By: Manuel Pres
Miami-Dade Product Control

	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412)		Q.	PTAR	579	8120	dba Structural Solutions of North Carolina, Inc. 921-G W. Friendly Ave., Greensboro, NC 27410
GE MISSILE MPACT SISTANCE	Thomas L. Shel Structural So	FL.	, so	120R 50N/	IL EN		dba Structural Solutions 5921-G W. Friendly Ave.,
		A	me	arr	•		

REV DESCRIPTION OF REVISIONS

DATE

MODEL #1200 AMARR HERITAGE 3000

ENTRE/MATIC

SIZE	DRAWN BY	DRC	DATE	03/03/22		DRAWING NUMBER
В	CHECKED BY	RLR	DATE	03/03/22		IRC-1209-190-21-
165 C	EN ARRIAGE COUR	SHEET 3 OF 4				

TABLE 1

DOOR			SEC	TION				
HEIGHT	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 3

SECTION	STRUT SIZE				
TOP	3.625"				
7TH	3.625"				
	2.6254				
6ТН	3.625"				
	3.625"				
5TH					
	3.625"				
4TH					
3RD	3.625"				
JILD					
2ND	3.625"				
LIND					
воттом	3.625"				
BUTTUN	3"				

TABLE 2

DOOR	TRACK ATTACHMENT									SPLICE					
HEIGHT	Α	В	С	D	Е	F	G	Н	l	J	K	L	M	N	S
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"			N A Maria				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 ± 1 ALLOWED WITH SYP OR SPF NO. 2 OR BETTER ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 22-0414.03

Expiration Date: 09/06/2027

By: Manuel Pres
Miami-Dade Product Control

REV DESCRIPTION OF REVISIONS DATE BY

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

S921-G W. Friendly Ave., Greensboro, NC 27410

Amarr

MODEL #1200 AMARR HERITAGE 3000

L								
SIZE	DRAWN BY	DRC DATE		03/03/22	DRAWING NUMBER			
В	CHECKED BY	RLR	DATE	03/03/22	IRC-1209-190-21-			
165 C	Et ARRIAGE COUF	SHEET 4 OF 4						