

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: +42.0, -46.0 psf)" EPS Insulated Steel Sectional Garage Door up to 18'-0" Wide with Optional Impact Resistant Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **IRC-1218-165-26-F**, titled "Model #1200 Amarr Heritage 3000", sheets 1 through 4 of 4, dated 03/07/22, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E., bearing the Miami-Dade County Product Control Renewal 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 & renews NOA No. 22-0414.11** and consists of this page 1 and evidence page E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMI-DADE COUNTY APPROVED

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NOA No. 23-1114.13 Expiration Date: August 22, 2029 Approval Date: January 25, 2024 Page 1

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 19-0729.02)*
- 2. Drawing No. IRC-1218-165-26-F, titled "Model #1200 Heritage & Oak Summit 3000; Short, Long, Flush and Oak Summit Panels", sheets 1 through 3 of 3, dated 05/23/19, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E.

(Submitted under NOA No. 19-0729.02)

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) Tensile Test per ASTM E8
 - 5) Forced Entry Resistance Test per FBC, TAS 202-94 along with marked-up drawings and installation diagram of 18'x 7' 24 ga Model 1200 Steel Garage Doors, prepared by American Test Lab, Inc., Test Report No. ATLNC 0423.02-19, dated 06/12/19, signed and sealed by David W. Johnson, P.E. (Submitted under NOA No. 19-0729.02)
- Test report on Evaluation of Painted or Coated Specimens (G-30 Galvanized with Polyester Top Coat) Subjected to Corrosive Environments per ASTM D1654-08 and ASTM B117-11, prepared by Intertek/ATI, Test Report No. C5463.01-106-18, dated 04/03/13, signed and sealed by Joseph A. Reed, P.E. (Submitted under NOA No. 19-0729.02)

C. CALCULATIONS

 Anchor calculations prepared by Structural Solutions, P.A., dated 07/10/19, signed and sealed by Thomas L. Shelmerdine, P.E. (Submitted under NOA No. 19-0729.02)

D. QUALITY ASSURANCE

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

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

E. MATERIAL CERTIFICATIONS

- 1. UL Evaluation Report on Surface Burning Characteristics per ANSI/UL723, ASTM E84 of Flint Hills Grades 54 and 40 Expandable Polystyrene Resins, UL ER7503-01, issued on May 22, 2013.
- 2. Report on Ignition Temperature of Plastics per ASTM D1929-13 on Flint Hills Resources EPS 6455 and 5454, issued by UL LLC, project 4786090680.1.1, file R7503, dated 12/20/2013, signed by R. K. Laymon.
- 3. Notice of Acceptance No. **18-0918.06** issued to **Plaskolite**, **LLC** for its **TUFFAK Polycarbonate Sheets**, approved on 11/15/18 and expiring on 08/27/22.

F. STATEMENTS

Statement letter of conformance, complying with FBC 7th Edition (2020) and of no financial interest, dated 08/27/20, issued by Structural Solutions, PA., signed and sealed by Thomas L. Shelmerdine, P.E. (Submitted under NOA No. 20-1015.39)

G. OTHERS

 Notice of Acceptance No. 19-0729.02, issued to Amarr Garage Doors dba Entrematic for their Model 1200 Heritage & Oak Summit 3000 EPS Insulated Steel Sectional Garage Door up to 18'-0" Wide and Optional All Impact Resistant Windows (Dp +42.0, -46.0 PSF) approved on 08/22/19 and expiring on 08/22/24.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. IRC-1218-165-26-F, titled "Model #1200 Amarr Heritage 3000", sheets 1 through 4 of 4, dated 03/07/22, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E.

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Ishaq I. Chhanda, P.E. Product Control Unit Supervisor NOA No. 23-1114.13 Expiration Date: August 22, 2029 Approval Date: January 25, 2023

2. NEW EVIDENCE SUBMITTED (CONTINUED)

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 Heritage 3000, Amarr 18' x 7', 24 ga. steel Sectional Steel Garage Door, prepared by American Test Lab, Inc., Report No. **ATLNC 0208.01-22**, dated 04/06/22, signed and sealed by David Wesley Johnson, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Structural Solutions, P.A., dated 04/07/22, 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. UL Evaluation Report on Surface Burning Characteristics per ANSI/UL723, ASTM E84 of Flint Hills Grades 54 and 40 Expandable Polystyrene Resins, UL ER7503-01, issued on May 22, 2013.
- 2. Report on Ignition Temperature of Plastics per ASTM D1929-13 on Flint Hills Resources EPS 6455 and 5454, issued by UL LLC, project 4786090680.1.1, file R7503, dated 12/20/2013, signed by R. K. Laymon.
- 3. 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 04/07/22, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

G. OTHERS

1. Notice of Acceptance No. 20-1015.39, issued to Amarr Garage Doors dba Entrematic for their Model 1200 Heritage & Oak Summit 3000 EPS Insulated Steel Sectional Garage Door up to 18'-0" Wide and Optional All Impact Resistant Windows L.M.I. approved on 01/28/21 and expiring on 08/22/24.

Ishag 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 23-1114.13 Expiration Date: August 22, 2029 Approval Date: January 25, 2023

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. IRC-1218-165-26-F, titled "Model #1200 Amarr Heritage 3000", sheets 1 through 4 of 4, dated 03/07/22, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E.

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. None.

F. STATEMENTS

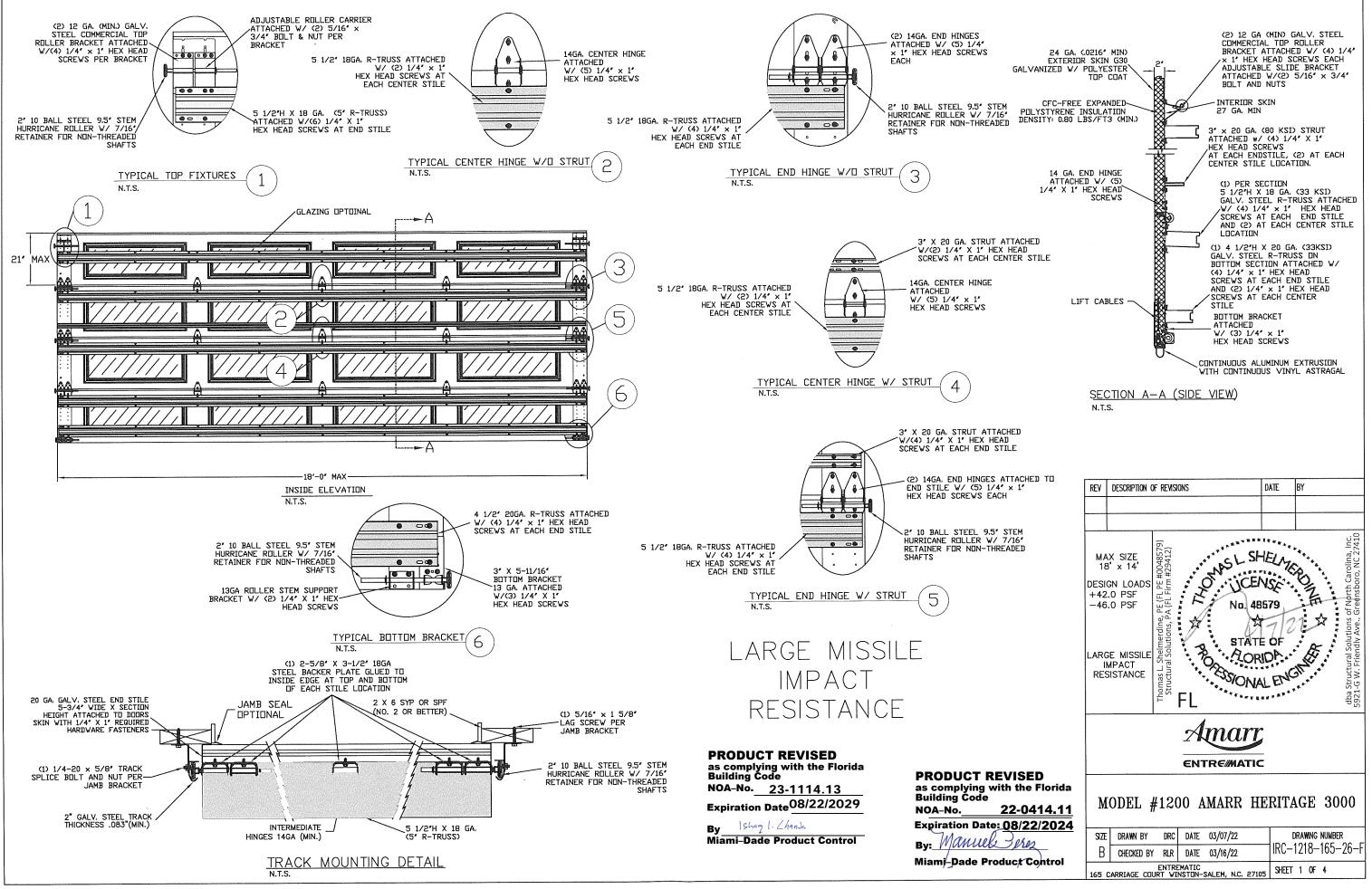
1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** and of no financial interest, dated 10/27/2023, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

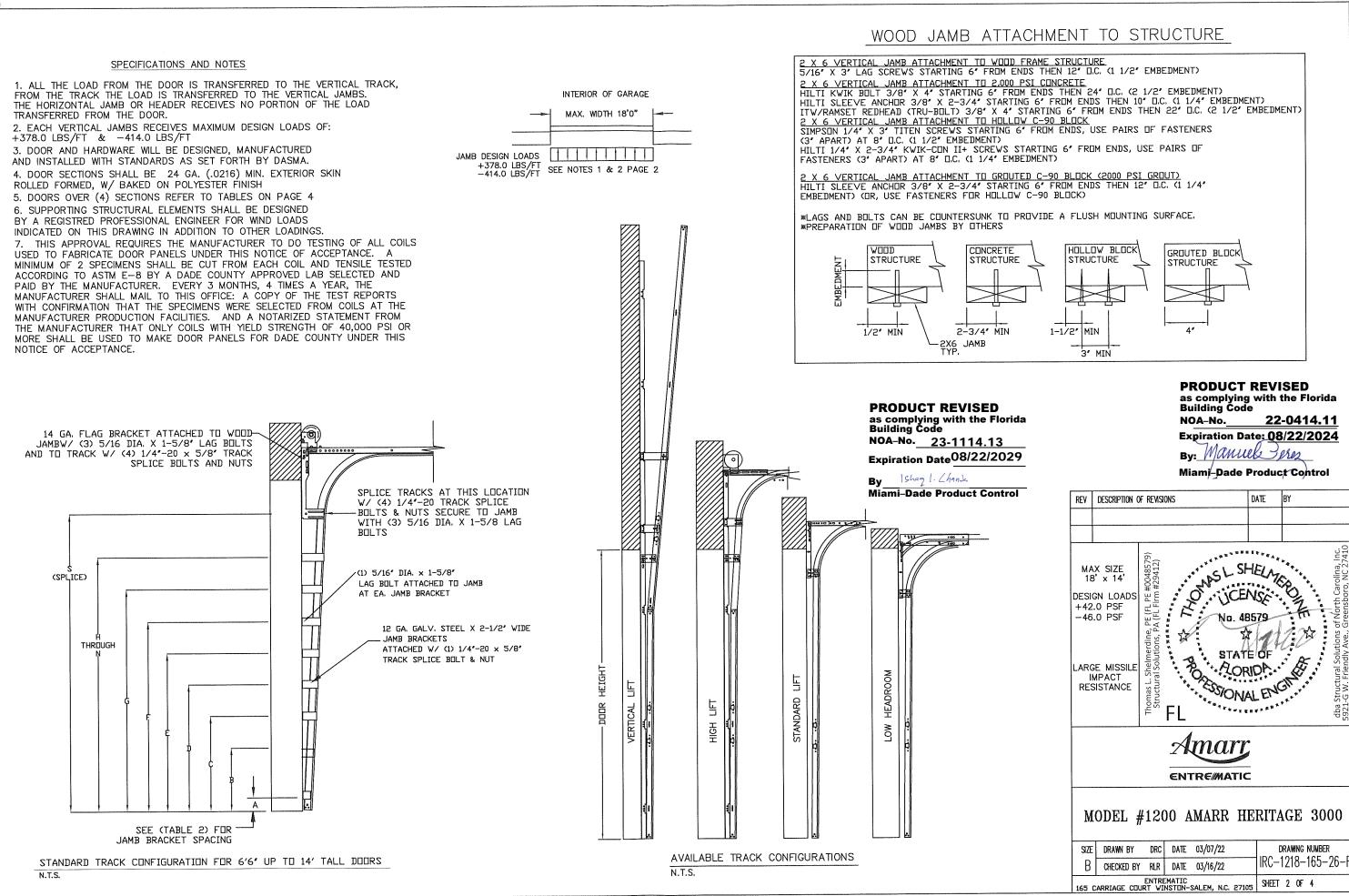
G. OTHERS

1. This NOA revises & renews NOA No. 22-0414.11 and updates to FBC 2023 expiring on 08/11/29.

Ishag 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 23-1114.13 Expiration Date: August 22, 2029 Approval Date: January 25, 2023





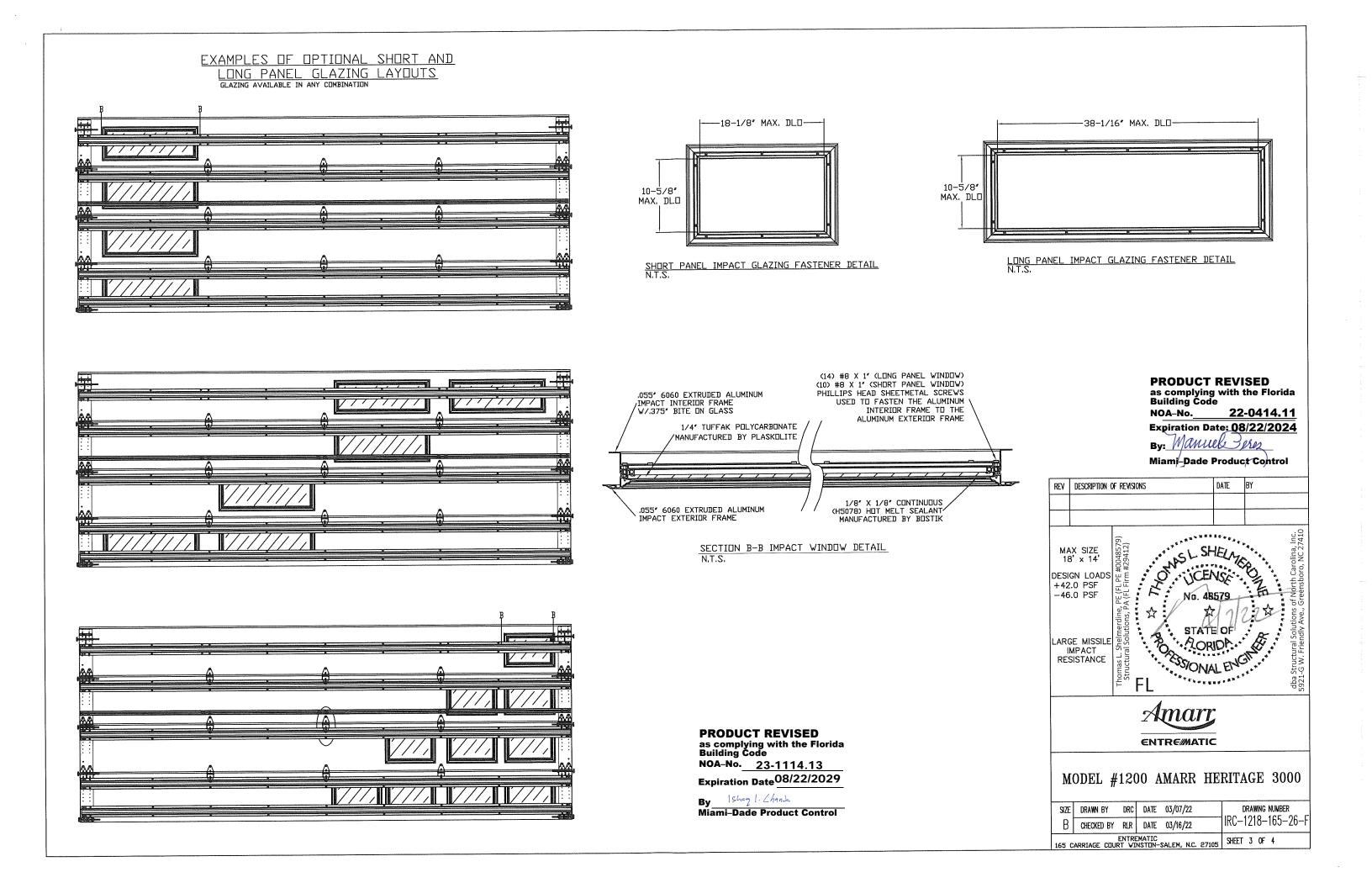


TABLE 1	
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DOOR			SEC	TION	HEIG	HTS		
HEIGHT	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	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						TDAC		TACL		IT.					SPLICE
DOOR							K AT			[] 					
HEIGHT	A	В	С	D	E	F	G	H		J	K		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"							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 +/-2" ALLOWED WITH SYP NO. 2 OR BETTER ONLY

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 23-1114.13

Expiration Date 08/22/2029

By Ishag I. Chanda Miami-Dade Product Control

FABLE 3					
SECTION	STRUT SIZE]			
ΤΟΡ	5.5"				
7TH	5.5"				
6TH	5.5"				
5TH	5.5" 3" 5.5"				
4TH	5.5				
3RD	5.5" 3"				
2ND	5.5"				
воттом	5.5" 4.5"				
		N(Ex	DA-No.	<u>2</u> ate: <u>0</u>	n the Florida <u>2-0414.11</u> <u>8/22/2024</u>
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	REV DESCRIPTIO	N(Ex By	DA-No piration D y:AMU	2 pate: 0 uk	2-0414.11 8/22/2024
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	MAX SIZE 18' x 14' DESIGN LOAI +42.0 PSF	M EX Substance, PE (FL PE #0048579) Mi Substance, PA (FL Firm #29412) Substance Su	DA-No piration D rA amiDade	2: Pate: 0 Produ DATE HELM NSE	2-0414.11 8/22/2024 May uct Control
	MAX SIZE 18' x 14' DESIGN LOAI +42.0 PSF -46.0 PSF LARGE MISSI IMPACT	In Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) Bructural Solutions, PA (FL Firm #29412)	DA-No piration D rami_Dade ami_Dade No.44 STAT	Produ DATE HELM S679 TOF S104	2-0414.11 8/22/2024 Jrss Juct Control BY
	MAX SIZE 18' × 14' DESIGN LOAI +42.0 PSF -46.0 PSF LARGE MISSI IMPACT RESISTANCI	MI EX By Mi COLOURS PACE Structural Solutions, PA (EL PE #0048279) Structural Solutions, PA (EL Firm #29412) Structural Solutions, PA (EL Firm #29412) Struc	DA-No	2 Produ DATE	2-0414.11 8/22/2024 Ict Control BY Control Control Carolina, Inc. Control
	MAX SIZE 18' × 14' DESIGN LOAI +42.0 PSF -46.0 PSF LARGE MISSI IMPACT RESISTANCI	MI EX By Mi ON OF REVISIONS UN OF REVISIONS U U U U U U U U U U U U U U U U U U U	DA-No	2 Produ Produ DATE HEL M S579 TE OF SDA S579 TE OF S579 TE	2-0414.11 8/22/2024 Jrss Juct Control BY