



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](http://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 MiamiDade 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 MiamiDade 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 Heritage & Oak Summit 3000 EPS Insulated Steel Sectional Garage Door up to 18'-0" Wide and Optional All Impact Resistant Windows – L.M.I.**

**APPROVAL DOCUMENT:** 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., 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. 19-0729.02 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.**



  
1/21/21

NOA No. 20-1015.39  
Expiration Date: August 22, 2024  
Approval Date: January 28, 2021  
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. 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**

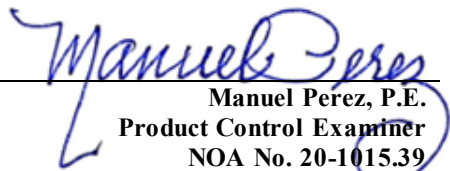
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Tensile Test per ASTM E8  
5) Forced Entry Resistance Test per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of 18'x 7' 24 ga Model 1200 Steel Garage Doors, prepared by American Test Lab, Inc., Test Report No. **ATLNC0423.02-19**, dated 06/12/2019, signed and sealed by David W. Johnson, P.E.  
*(Submitted under NOA No. 19-0729.02)*
2. 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**

1. 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)

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 20-1015.39  
Expiration Date: August 22, 2024  
Approval Date: January 28, 2021

**Amarr Garage Doors dba Entrematic**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**E. MATERIAL CERTIFICATIONS**

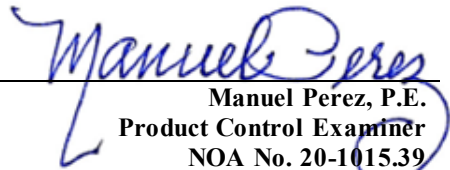
1. UL Evaluation Report on Surface Burning Characteristics per ANSI/UL723, ASTM E84 of Flint Hills Grades 54 and 40 Expandable Polystyrene Resins, **UL ER7503-01**, issued on May 22, 2013.
2. Report on Ignition Temperature of Plastics per ASTM D1929-13 on Flint Hills Resources EPS 6455 and 5454, issued 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**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated 07/10/19, issued by Structural Solutions, PA., signed and sealed by Thomas L. Shelmerdine, P.E.  
*(Submitted under NOA No. 19-0729.02)*

**G. OTHERS**

1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 20-1015.39  
Expiration Date: August 22, 2024  
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**Amarr Garage Doors dba Entrematic**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. 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**

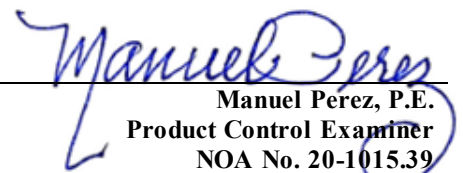
1. UL Evaluation Report on Surface Burning Characteristics per ANSI/UL723, ASTM E84 of Flint Hills Grades 54 and 40 Expandable Polystyrene Resins, **UL ER7503-01**, issued on May 22, 2013.
2. Report on Ignition Temperature of Plastics per ASTM D1929-13 on Flint Hills Resources EPS 6455 and 5454, issued 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**

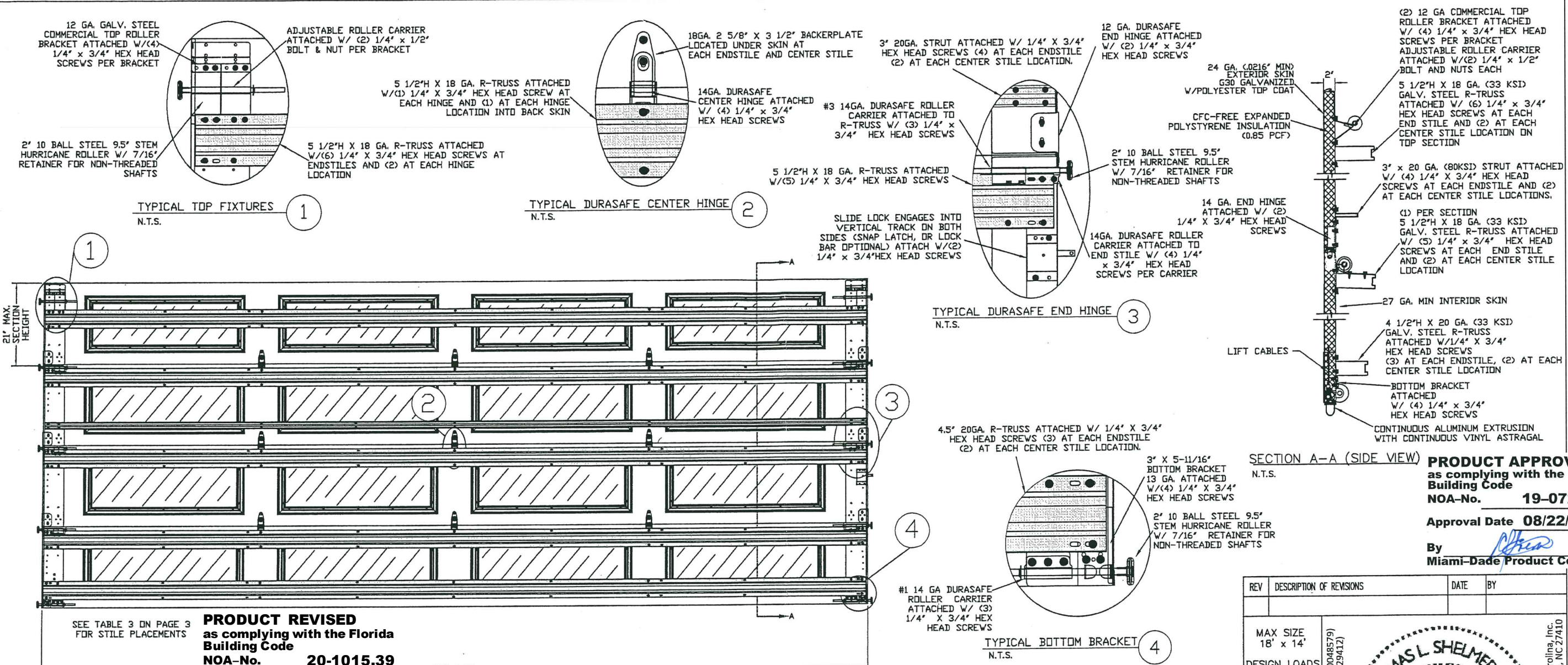
1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, dated August 27, 2020, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

**G. OTHERS**

1. 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.

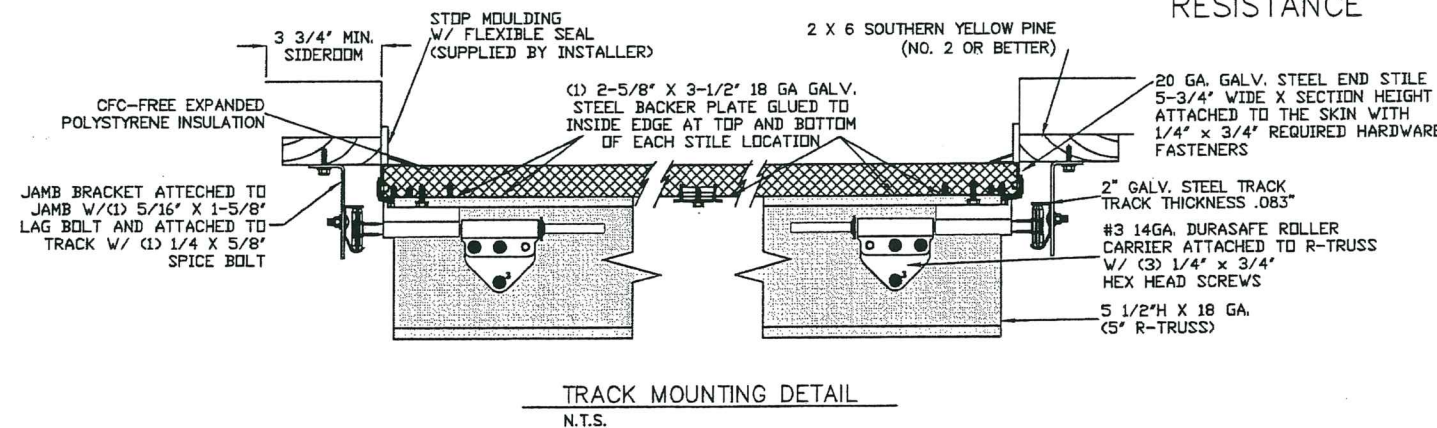
  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 20-1015.39  
Expiration Date: August 22, 2024  
Approval Date: January 28, 2021





**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **20-1015.39**  
Expiration Date: **08/13/2024**  
By: *Manuel Perez*  
**Miami-Dade Product Control**

**LARGE MISSILE IMPACT RESISTANCE**



- SPECIFICATIONS AND NOTES**
- 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.
  - EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +378.0 LBS/FT. & -414.0 LBS/FT.
  - DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
  - DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
  - DOORS USE (1) 5.5" 18 GA R-TRUSS PER SECTION, (1) 3" 20 GA STRUT ON ALTERNATING SECTIONS STARTING WITH 3RD SECTION, AND (1) 4.5" 20 GA R-TRUSS ON THE BOTTOM SECTION.
  - DOORS OVER (4) SECTIONS REFER TO TABLE 1
  - SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
  - 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 46,000 PSI OR MORE SHALL BE USED TO MAKE DOOR PANELS FOR DADE COUNTY UNDER THIS NOTICE OF ACCEPTANCE.

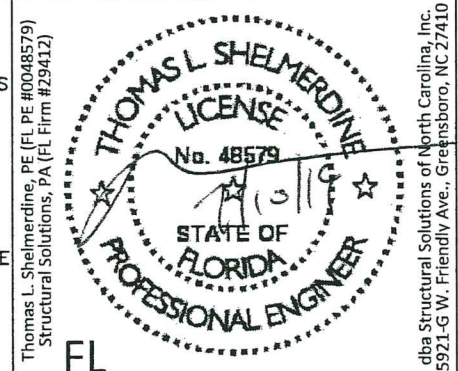
**PRODUCT APPROVED**  
as complying with the Florida Building Code  
NOA-No. **19-0729.02**  
Approval Date **08/22/2019**  
By: *[Signature]*  
**Miami-Dade Product Control**

REV	DESCRIPTION OF REVISIONS	DATE	BY

**Amarr**

**MODEL #1200 HERITAGE 3000**  
**MODEL #1200 OAK SUMMIT 3000**  
**SHORT, LONG, FLUSH & OAK SUMMIT PANELS**

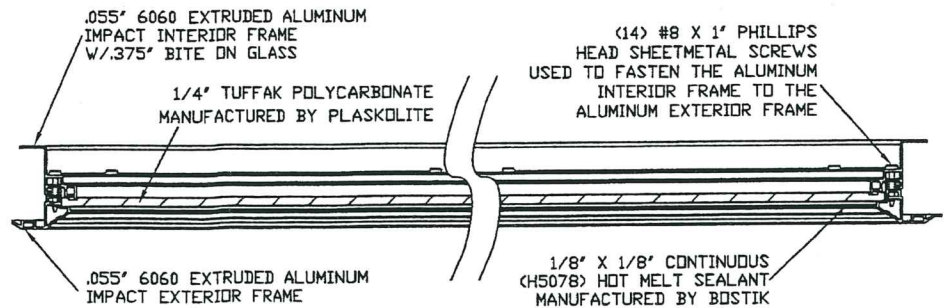
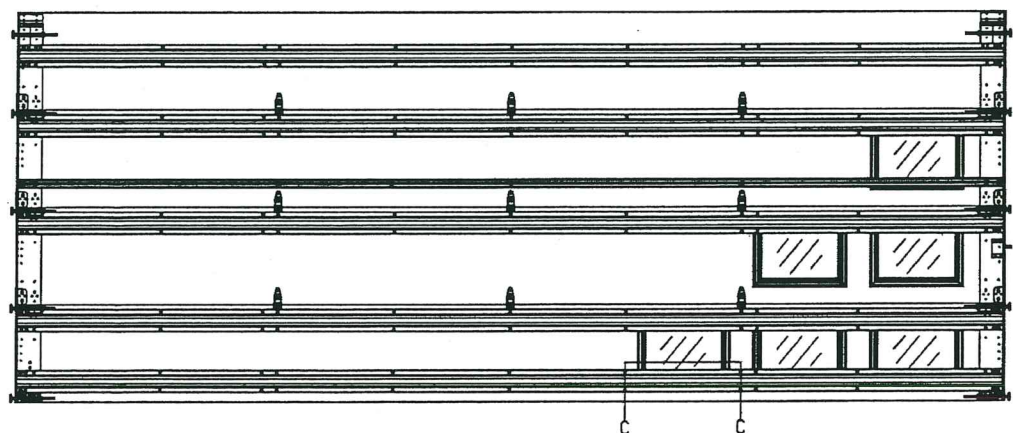
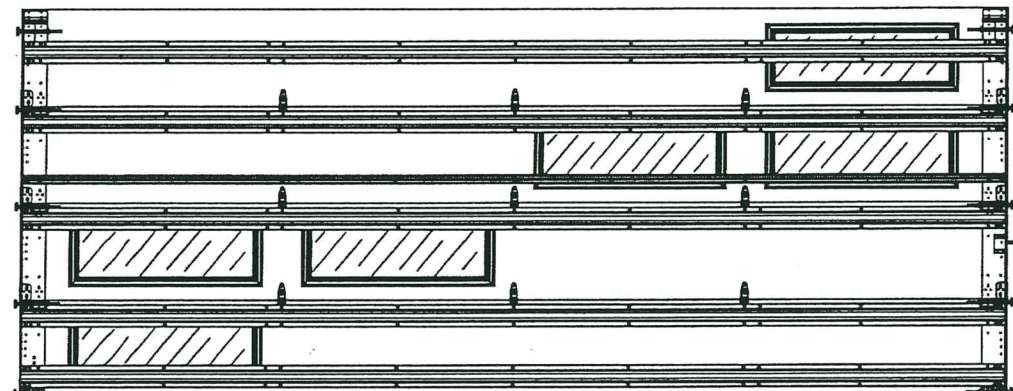
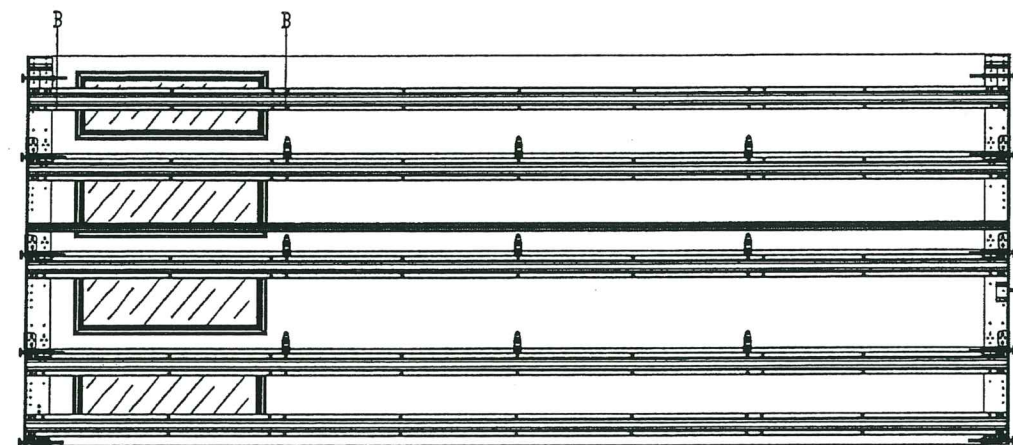
SIZE	DRAWN BY	DRC	DATE	5/7/19	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	5/23/19	IRC-1218-165-26-F
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, NC 27105					SHEET 1 OF 3



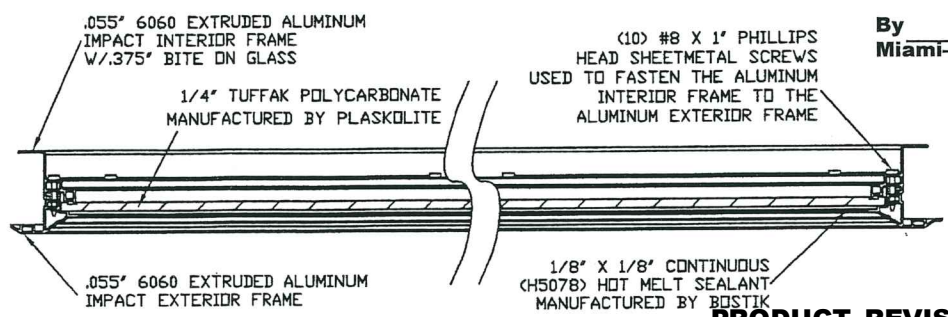
dba Structural Solutions of North Carolina, Inc.  
5921-G W. Friendly Ave., Greensboro, NC 27410



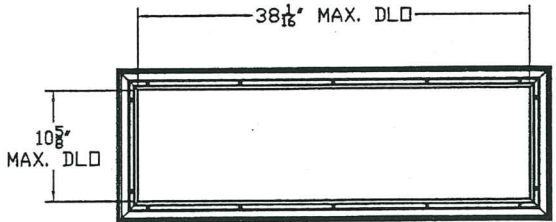
EXAMPLES OF OPTIONAL SHORT AND  
LONG PANEL GLAZING LAYOUTS  
GLAZING AVAILABLE IN ANY COMBINATION



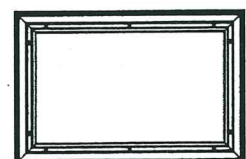
SECTION B-B IMPACT WINDOW DETAIL  
N.T.S.



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



LONG PANEL IMPACT GLAZING FASTENER DETAIL  
N.T.S.



SHORT PANEL IMPACT GLAZING FASTENER DETAIL  
N.T.S.

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 19-0729.02  
Approval Date 08/22/2019

By *[Signature]*  
Miami-Dade Product Control

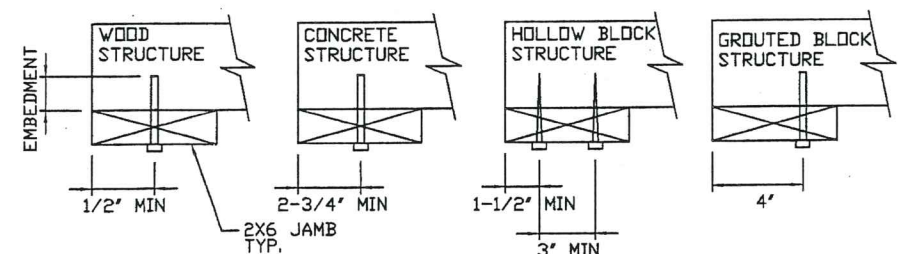
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1015.39  
Expiration Date: 08/13/2024

By *[Signature]*  
Miami-Dade 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 12" 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 10" O.C. (1 1/4" EMBEDMENT)  
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 22" 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 12" 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



REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE  
18' x 14'

DESIGN LOADS  
+42.0 PSF  
-46.0 PSF

TEST LOADS  
+63.0 PSF  
-69.0 PSF

LARGE MISSILE  
IMPACT  
RESISTANCE

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

FL

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

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



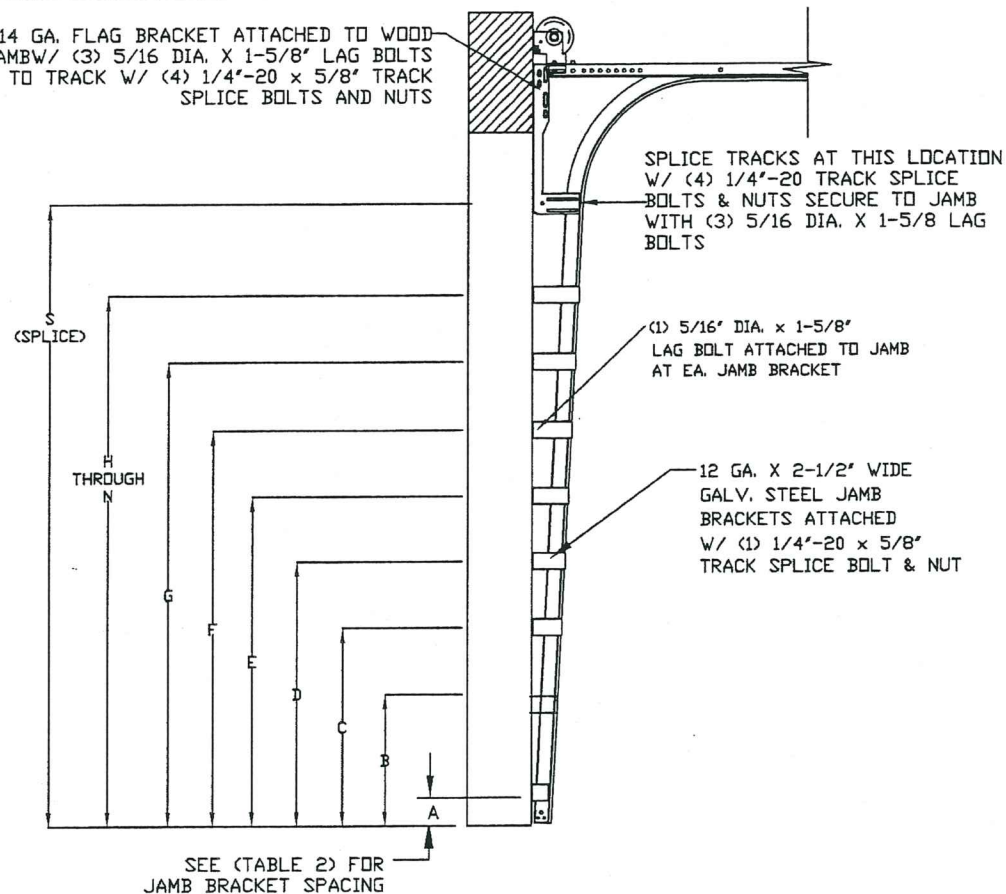
MODEL #1200 HERITAGE 3000  
MODEL #1200 OAK SUMMIT 3000  
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE	DRAWN BY	DRC	DATE	5/7/19	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	5/23/19	IRC-1218-165-26-F

ENTREMATIC  
165 CARRIAGE COURT WINSTON-SALEM, NC 27105

SHEET 2 OF 3





DOOR HEIGHT

VERTICAL LIFT

HIGH LIFT

STANDARD LIFT

LOW HEADROOM

THROUGH

G

F

E

D

C

B

A

SEE (TABLE 2) FOR JAMB BRACKET SPACING

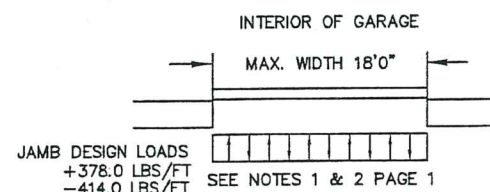
STANDARD TRACK CONFIGURATION FOR 6'6" N.T.S.

**PROD**  
as com  
Buildi  
NOA-N  
Expira  
By: *[Signature]*  
Miami

**PROD**  
as com  
Buildi  
NOA-N  
Approv  
By  
Miami

By   
Miami-Dade Product Control

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"				

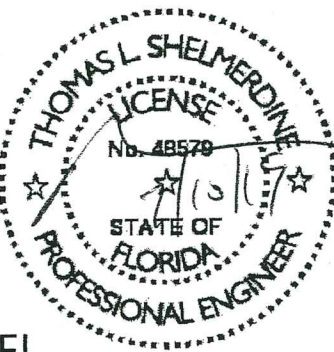


DOOR HEIGHT	TRACK ATTACHMENT														SPLICE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
6' 6"	3"	14"	27"	38"	46"	56"	64"								70"
7'	3"	14"	27"	38"	46"	56"	68"								76"
7' 6"	3"	14"	27"	38"	46"	56"	68"	78"							82"
8'	3"	14"	27"	38"	46"	56"	68"	78"							88"
8' 6"	3"	14"	27"	38"	46"	56"	68"	78"	88"						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"


Section	Panel Type	Center Stile Locations (Measured from Left Edge)		
		1st (in)	2st (in)	3rd (in)
16' 2	Short	50.272	97.000	143.728
16' 2	Long	51.168	97.000	142.834
16' 4	Short	51.272	98.000	144.728
16' 4	Long	52.168	98.000	143.834
16' 6	Short	52.272	99.000	145.728
16' 6	Long	51.340	99.000	146.660
16' 8	Short	51.340	100.000	148.660
16' 8	Long	52.200	100.000	147.800
16' 10	Short	51.500	101.000	150.500
16' 10	Long	53.200	101.000	148.800
17' 0	Short	53.340	102.000	150.660
17' 0	Long	54.200	102.000	149.800
17' 2	Short	53.000	103.000	153.000
17' 2	Long	55.200	103.000	150.800
17' 4	Short	54.000	104.000	154.000
17' 4	Long	56.200	104.000	151.800
17' 6	Short	55.000	105.000	155.000
17' 6	Long	57.200	105.000	152.800
17' 8	Short	54.800	106.000	157.200
17' 8	Long	55.800	106.000	156.200
17' 10	Short	55.800	107.000	158.200
17' 10	Long	56.250	107.000	157.750
18' 0	Short	57.250	108.000	158.750
18' 0	Long	57.800	108.000	158.200

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 18' x 14' DESIGN LOADS +42.0 PSF -46.0 PSF TEST LOADS +63.0 PSF -69.0 PSF LARGE MISSILE IMPACT RESISTANCE	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (PL Firm #294132)  <div style="text-align: center;">  </div> <div style="text-align: center;"> <b>FL</b> </div>	dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
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<b>MODEL #1200 HERITAGE 3000</b> <b>MODEL #1200 OAK SUMMIT 3000</b> <b>SHORT, LONG, FLUSH &amp; OAK SUMMIT PANELS</b>			
SIZE B	DRAWN BY CHECKED BY	DRC RLR	DATE 5/7/19 DATE 5/23/19
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, NC 27105			DRAWING NUMBER IRC-1218-165-26-F  SHEET 3 OF 3