



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 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 Heritage & Oak Summit 3000 EPS Insulated Steel Sectional Garage Door up to 16'-0" Wide with Optional Long or Short Impact Resistant Windows – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **IRC-1216-175-26-G**, titled "Model #1200 Heritage & Oak Summit 3000 Short, Long, Flush and Oak Summit Panels", sheets 1 through 4 of 4, dated 11/11/13, 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 & renews NOA No. 20-1015.36** 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.**

*Ishaq I. Chanda*



NOA No. 23-1114.02  
Expiration Date: July 31, 2029  
Approval Date: January 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. 14-0414.09)*
2. Drawing No. **IRC-1216-175-26-G**, titled "Model #1200 Heritage & Oak Summit 3000 Short, Long, Flush and Oak Summit Panels", sheets 1 through 4 of 4, dated 11/11/13, prepared by manufacturer, signed and sealed by Tomas L. Shelmerdine, P.E.  
*(Submitted under NOA No. 19-0205.03)*

**B. TESTS**

1. Test report on Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments per ASTM D1654-08 & ASTM B117-11, 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. 13-0503.06)*
2. 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 16'x 7' 24 ga steel garage door Model 1200 Heritage 3000, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0911.01-13**, dated 12/17/13 and addendum letter dated 05/20/14, both signed and sealed by David W. Johnson, P.E.  
*(Submitted under NOA No. 14-0414.09)*

**C. CALCULATIONS**

1. Anchor calculations prepared by Structural Solutions, P.A., dated 01/27/14, signed and sealed by Thomas L. Shelmerdine, P.E.  
*(Submitted under NOA No. 14-0414.09)*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Test report on Surface Burning Characteristics on the expanded polystyrene UL file # R11812.
2. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 01/19/17, expiring on 07/08/19.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1114.02**  
**Expiration Date: July 31, 2029**  
**Approval Date: January 25, 2024**

**Amarr Garage Doors dba Entrematic**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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

**F. STATEMENTS**

1. Statement letter of no change of product, dated 01/09/19, issued by Structural Solutions, PA., signed and sealed by Thomas L. Shelmerdine, P.E.  
*(Submitted under NOA No. 19-0205.03)*
2. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated 09/11/17, issued by Structural Solutions, PA., signed and sealed by Thomas L. Shelmerdine, P.E.  
*(Submitted under NOA No. 17-1010.13)*

**G. OTHERS**

1. Notice of Acceptance No. **17-1010.13**, issued to Amarr Garage Doors for their Model 1200 Heritage & Oak Summit 3000 Steel Sectional Garage Door up to 16'-0" Wide with Impact Resistant Windows, approved on 12/21/17 and expiring on 07/31/19.

Ishaq I. Chanda

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Ishaq I. Chanda, P.E.  
Product Control Unit Examiner  
NOA No. 23-1114.02  
Expiration Date: July 31, 2029  
Approval Date: January 25, 2024

**Amarr Garage Doors dba Entrematic**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED under previous approval**

**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. Test report on Surface Burning Characteristics on the expanded polystyrene UL file # R11812.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/19, expiring on 07/08/24.

**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. **19-0205.03**, issued to Amarr Garage Doors dba Entrematic for their Model 1200 Heritage & Oak Summit 3000 Steel Sectional Garage Door up to 16’-0” Wide with Impact Resistant Windows – L.M.I., approved on 04/18/19 and expiring on 07/31/24.

Ishaq I. Chanda

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Ishaq I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 23-1114.02  
Expiration Date: July 31, 2029  
Approval Date: January 25, 2024

**Amarr Garage Doors dba Entrematic**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **IRC-1216-175-26-G**, titled “Model #1200 Heritage & Oak Summit 3000 Short, Long, Flush and Oak Summit Panels”, sheets 1 through 4 of 4, dated 11/11/13, 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**

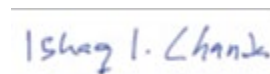
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> 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**

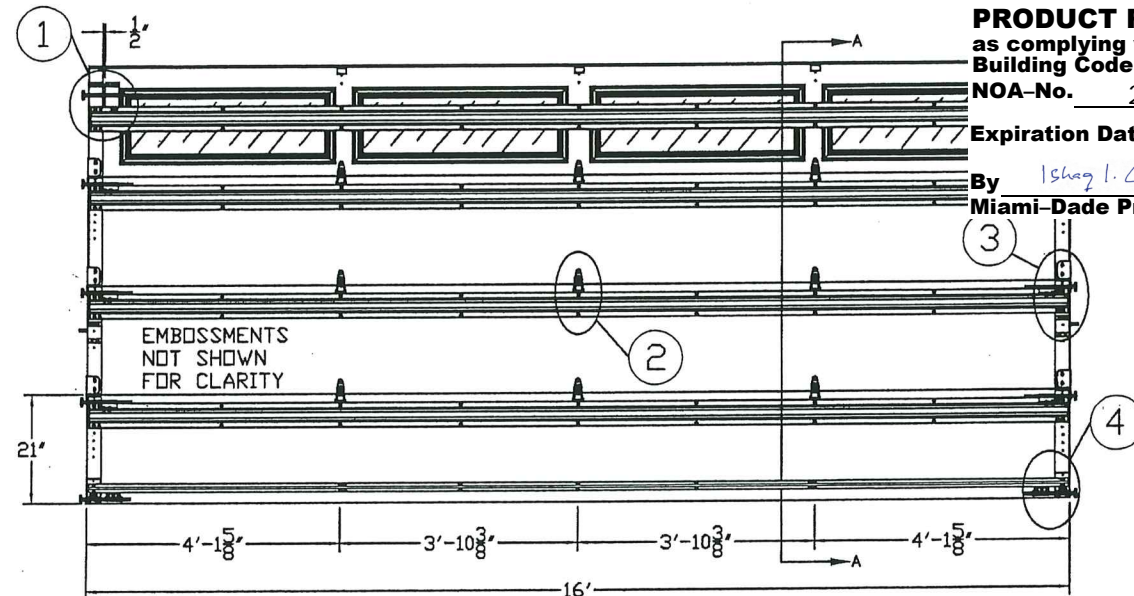
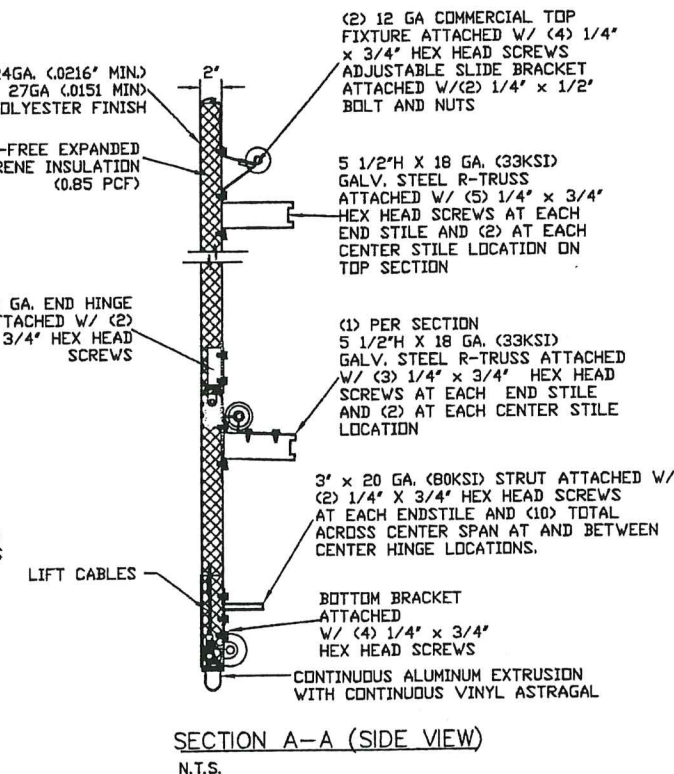
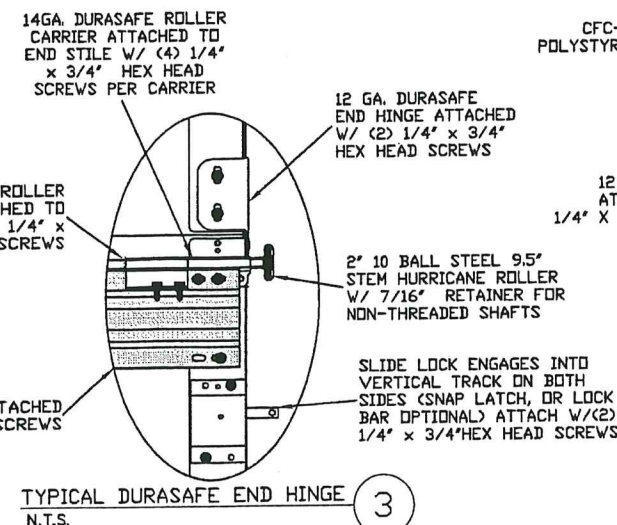
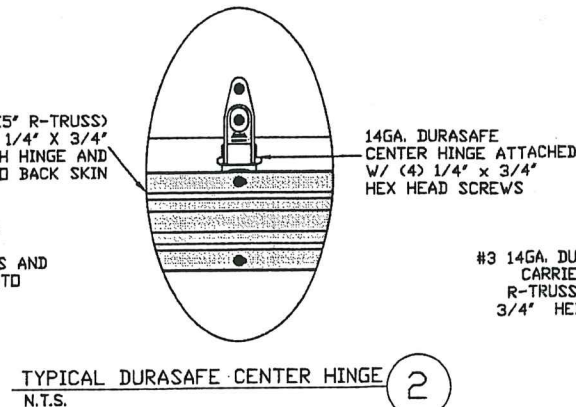
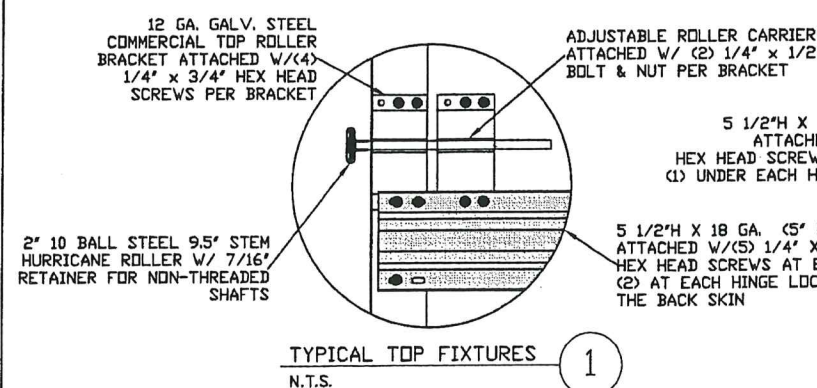
1. This NOA **revises & renews NOA No. 20-1015.36** and updates to FBC 2023 expiring on 02/13/29.



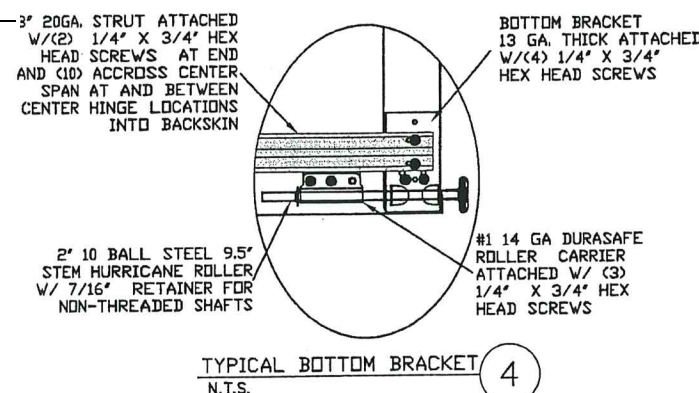
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1114.02**  
**Expiration Date: July 31, 2029**  
**Approval Date: January 25, 2024**





**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1114.02  
Expiration Date 07/31/2029  
By *Isaac L. Chan*  
Miami-Dade Product Control

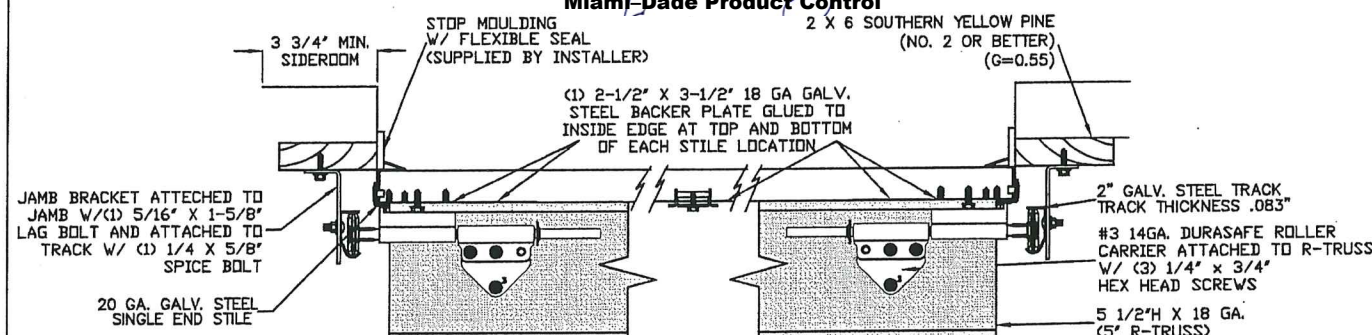
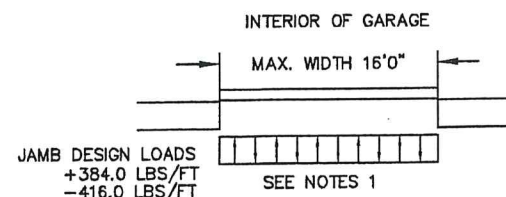


#### SPECIFICATIONS AND NOTES

- 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: +384.0 LBS/FT & -416.0 LBS/FT
- DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 24 GA. (.0216) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
- DOORS UP TO 7'0\"/>

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 19-0205.03  
Expiration Date 07/31/2024  
By *Manuel Perez*  
Miami-Dade Product Control

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1015.36  
Expiration Date: 07/31/2024  
By *Manuel Perez*  
Miami-Dade Product Control



TRACK MOUNTING DETAIL  
N.T.S.

## LARGE MISSILE IMPACT RESISTANT

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14'		dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
SIZES SUBJECT TO WEIGHT LIMITATIONS		
DESIGN LOADS +48.0 PSF -52.0 PSF		
LARGE MISSILE IMPACT RESISTANCE		

<b>Amarr</b> ENTREMATICS	<b>MODEL #1200 HERITAGE 3000</b> <b>MODEL #1200 OAK SUMMIT 3000</b> SHORT, LONG, FLUSH & OAK SUMMIT PANELS
SIZE B	DRAWN BY RLR CHECKED BY RLR
DATE 11/11/13 DATE 3/18/19	DRAWING NUMBER IRC-1216-175-26-G
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105	SHEET 1 OF 4



WOOD JAMB ATTACHMENT TO STRUCTURE

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1114.02  
Expiration Date 07/31/2029  
By Ishag I. Chanda  
Miami-Dade Product Control

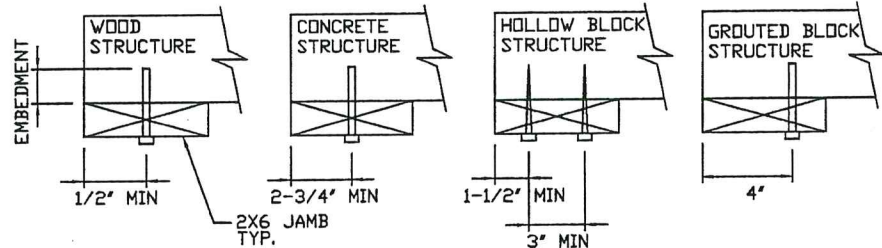
**2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE**  
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 12" O.C. (1 1/2" EMBEDMENT)

**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 20" 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)

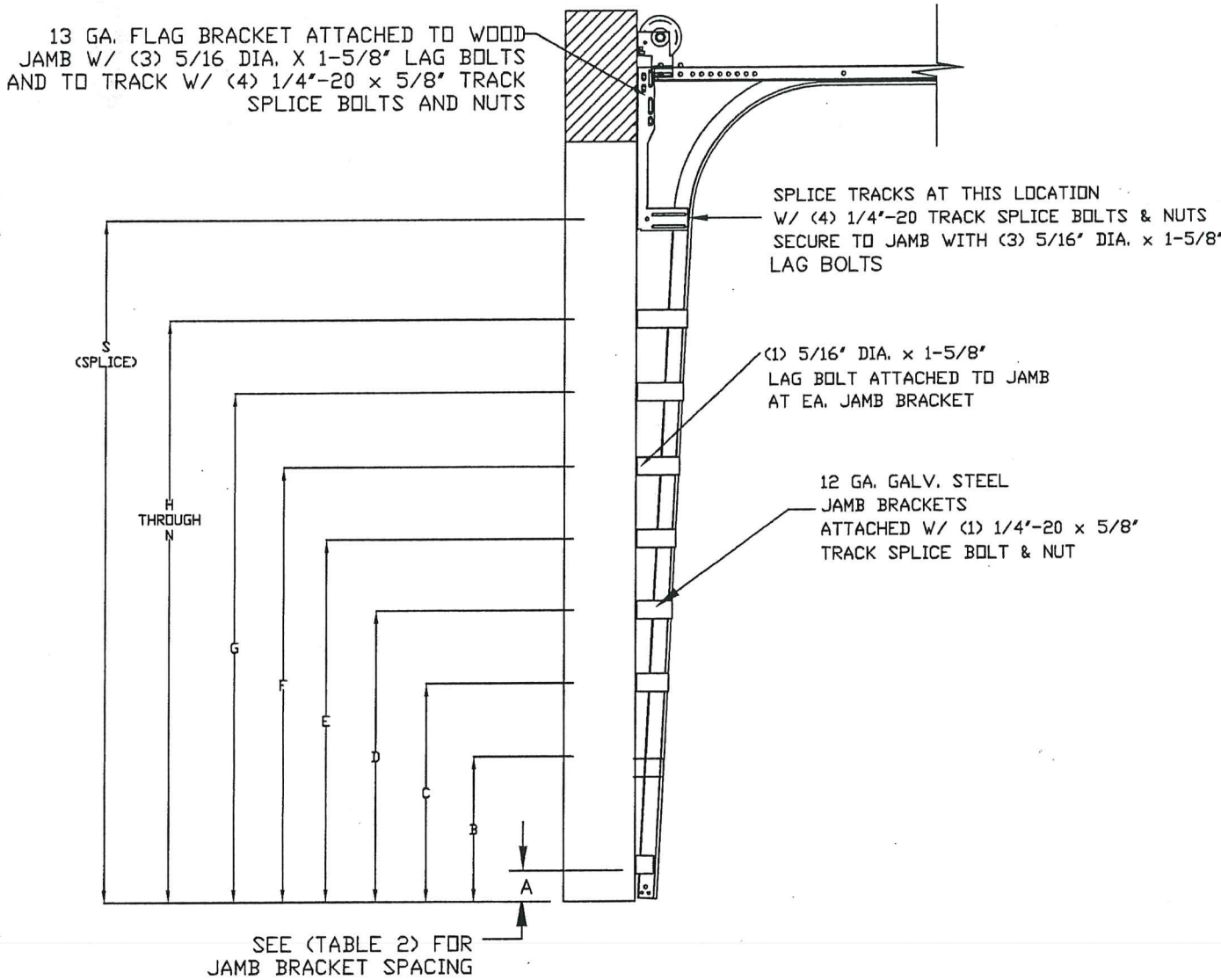
**2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)**  
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 12" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

\*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.  
\*PREPARATION OF WOOD JAMBS BY OTHERS

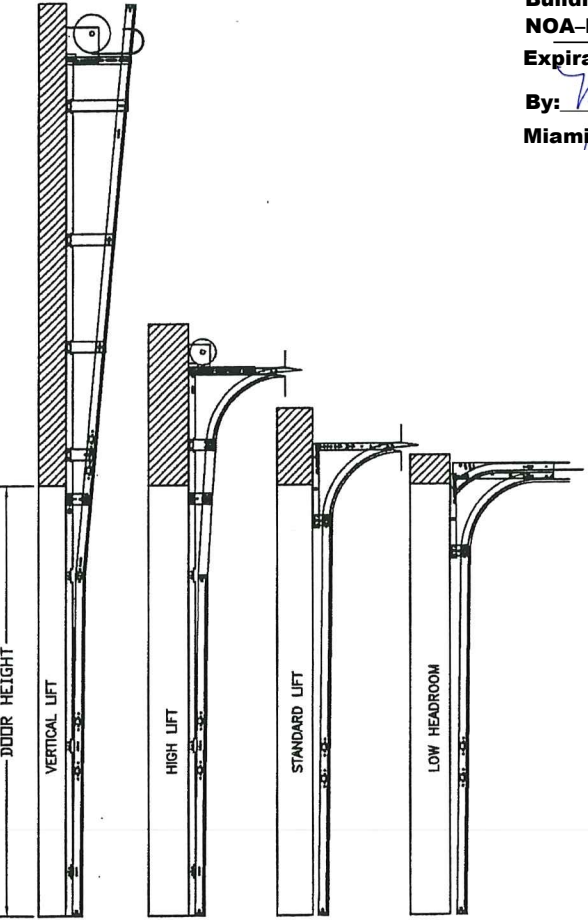


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1015.36  
Expiration Date: 07/31/2024  
By Manuel Perez  
Miami-Dade Product Control

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 19-0205.03  
Expiration Date 07/31/2024  
By [Signature]  
Miami-Dade Product Control



STANDARD TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS  
N.T.S.

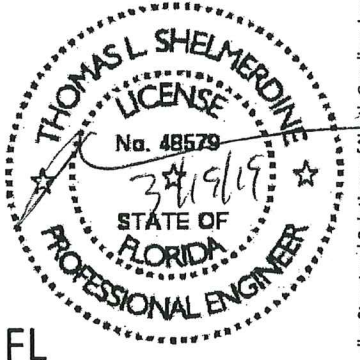


AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14'  
SIZES SUBJECT TO WEIGHT LIMITATIONS  
DESIGN LOADS +48.0 PSF -52.0 PSF  
LARGE MISSILE IMPACT RESISTANCE

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



FL

**Amarr**  
ENTREMATIC

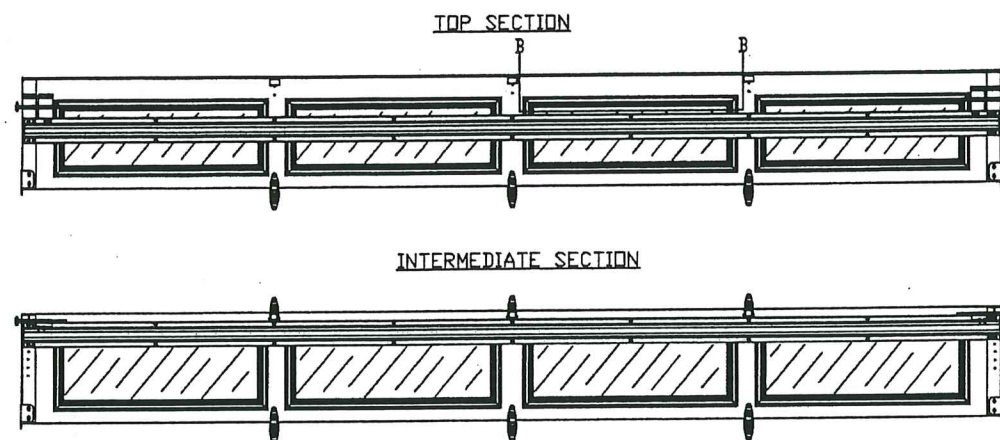
MODEL #1200 HERITAGE 3000  
MODEL #1200 OAK SUMMIT 3000  
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE	DRAWN BY	RLR	DATE	11/11/13	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	3/18/19	IRC-1216-175-26-G

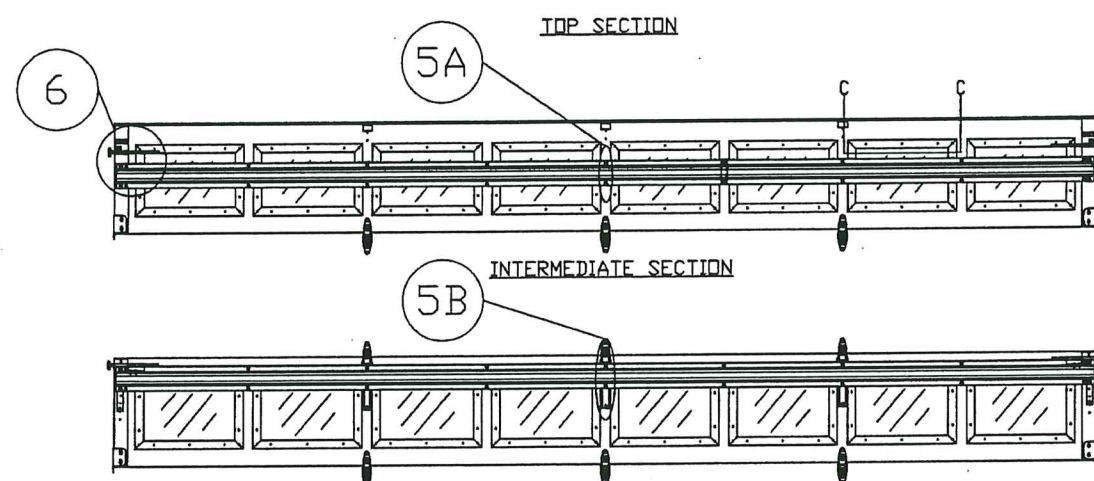
ENTREMATIC  
165 CARRIAGE COURT WINSTON-SALEM, NC. 27105

SHEET 2 OF 4

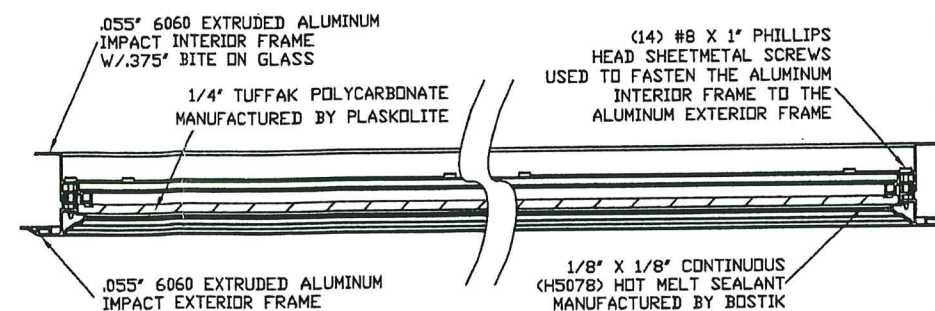
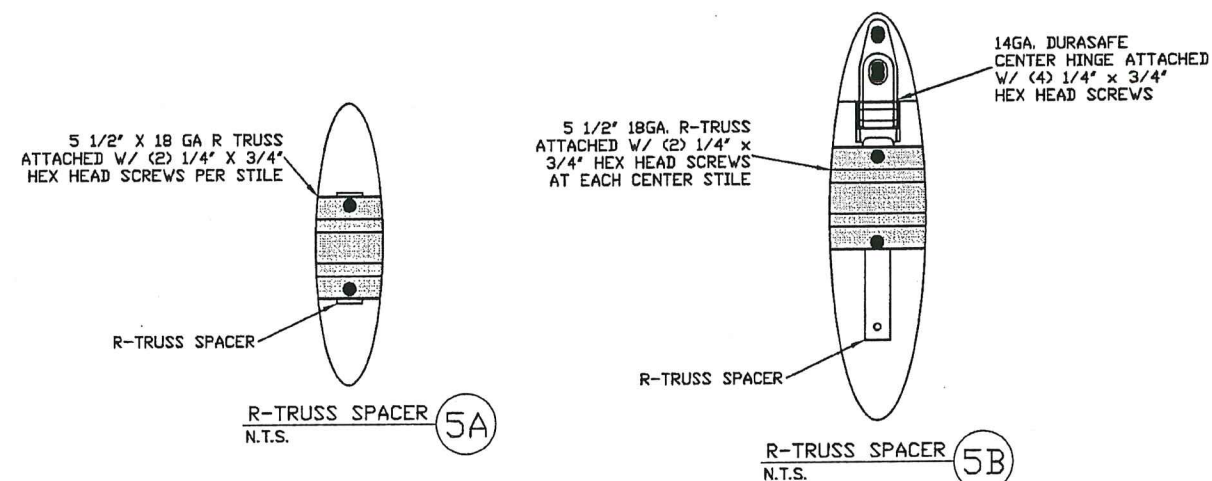




OPTIONAL LONG PANEL GLAZED SECTION R-TRUSS AND STILE LAYOUT  
N.T.S.



OPTIONAL SHORT PANEL GLAZED SECTION R-TRUSS AND STILE LAYOUT  
N.T.S.

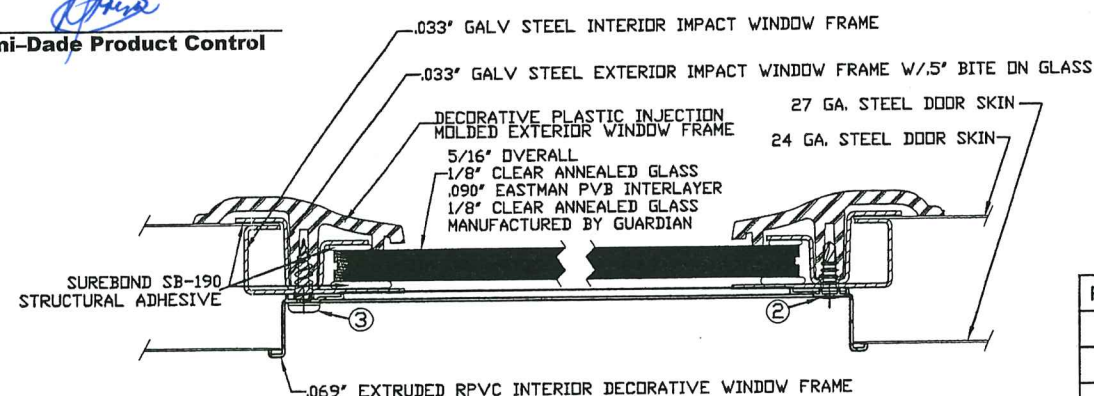


SECTION B-B IMPACT WINDOW DETAIL  
N.T.S.

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0205.03**

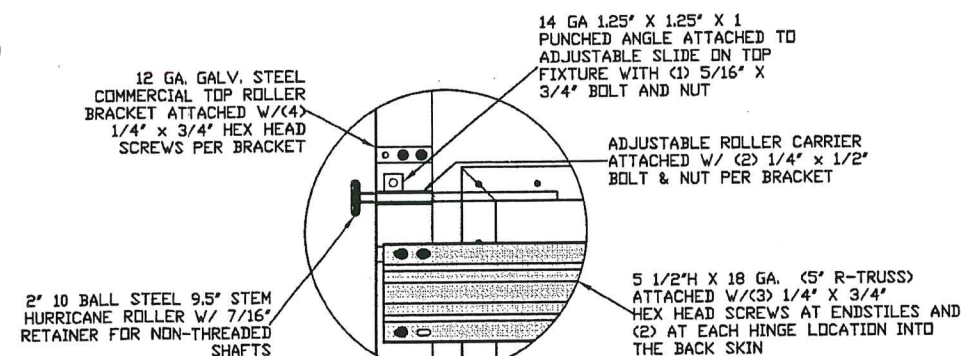
**Expiration Date** 07/31/2024

By   
Miami-Dade Product Control



SECTION C-C IMPACT WINDOW DETAIL  
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



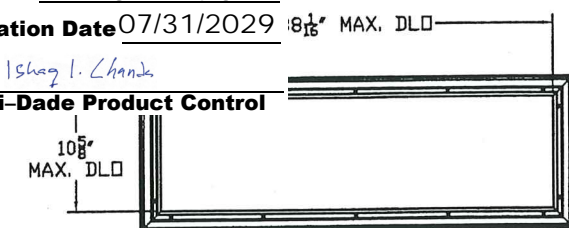
SHORT PANEL GLAZED TOP FIXTURE CONFIGURATION  
N.T.S.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

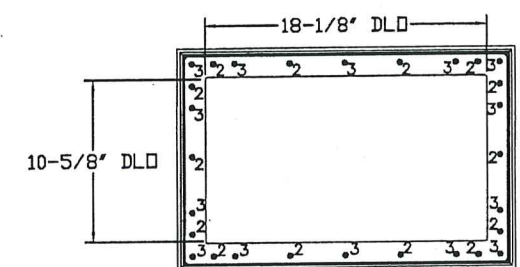
**NOA-No.** 23-1114.02

**Expiration Date** 07/31/2029 18<sup>1</sup>/<sub>16</sub>" MAX. DLO-

By Ishaq I. Chande  
Miami-Dade Product Control



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



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

REV	DESCRIPTION OF REVISIONS	DATE	BY
<p>MAX SIZE 16' x 14'</p> <p>SIZES SUBJECT TO WEIGHT LIMITATIONS</p> <p>DESIGN LOADS +48.0 PSF -52.0 PSF</p> <p>LARGE MISSILE IMPACT RESISTANCE</p>		<p>Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412)</p> <p><b>FL</b></p> <p><b>THOMAS L. SHELMERDINE</b> <b>LICENSE</b> <b>No. 48579</b> <b>3/19/19</b> <b>STATE OF</b> <b>FLORIDA</b> <b>PROFESSIONAL ENGINEER</b></p> <p>dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410</p>	
<p><b>Amarr</b></p> <p><b>ENTREMAT<del>IC</del></b></p>			
<p><b>MODEL #1200 HERITAGE 3000</b></p> <p><b>MODEL #1200 OAK SUMMIT 3000</b></p> <p><b>SHORT, LONG, FLUSH &amp; OAK SUMMIT PANELS</b></p>			
SIZE	DRAWN BY	R/LR	DATE 11/11/13
B	CHECKED BY	R/LR	DATE 3/18/19
<p>ENTREMAT<del>IC</del></p> <p>165 CARRIAGE COURT WINSTON-SALEM, NC. 27105</p>			<p>DRAWING NUMBER</p> <p>IRC-1216-175-26-G</p> <p>SHEET 3 OF 4</p>



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"	18"	21"
11' 6"	21"	21"	21"	18"	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

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"

ALL TRACK ATTACHMENT SPACING +/-2" ALLOWED WITH SYP NO. 2 OR BETTER ONLY

TABLE 3

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)			
		1st (in)	2st (in)	3rd (in)	4th (in)
09' 2"	Short	55.00			
09' 2"	Long	55.00			
09' 2"	Oak Summit	55.00			
09' 4"	Short	56.00			
09' 4"	Long	56.00			
09' 4"	Oak Summit	56.00			
09' 6"	Short	57.00			
09' 6"	Long	57.00			
09' 6"	Oak Summit	57.00			
09' 8"	Short	58.00			
09' 8"	Long	58.00			
09' 8"	Oak Summit	58.00			
09' 10"	Short	59.00			
09' 10"	Long	59.00			
09' 10"	Oak Summit	59.00			
10' 0"	Short	48.41	71.59		
10' 0"	Long	60.00			
10' 0"	Oak Summit	60.00			
10' 2"	Short	49.32	72.68		
10' 2"	Long	61.00			
10' 2"	Oak Summit	61.00			
10' 4"	Short	50.23	73.68		
10' 4"	Long	62.00			
10' 4"	Oak Summit	62.00			
10' 6"	Short	50.84	75.17		
10' 6"	Long	63.00			
10' 6"	Oak Summit	63.00			
10' 8"	Short	51.84	76.17		
10' 8"	Long	64.00			
10' 8"	Oak Summit	64.00			
10' 10"	Short	52.50	77.50		
11' 0"	Short	53.50	78.50		
11' 0"	Long	44.41	87.59		
11' 2"	Short	54.20	79.80		
11' 2"	Long	45.30	88.70		
11' 4"	Short	55.20	80.80		
11' 4"	Long	46.30	89.70		
11' 6"	Short	56.20	81.80		
11' 6"	Long	47.30	90.70		
11' 8"	Short	57.20	82.80		
11' 8"	Long	47.63	92.38		
11' 10"	Short	47.81	94.19		
11' 10"	Long	48.30	93.70		
12' 0"	Short	48.81	95.19		
12' 0"	Long	49.63	94.38		
12' 0"	Oak Summit	48.31	95.69		
12' 2"	Short	49.64	96.36		
12' 2"	Long	50.08	95.92		
12' 2"	Oak Summit	49.06	96.94		
12' 4"	Short	50.64	97.36		
12' 4"	Long	51.08	96.92		
12' 4"	Oak Summit	49.81	98.19		
12' 6"	Short	50.67	99.33		
12' 6"	Long	51.17	98.83		
12' 6"	Oak Summit	50.56	99.44		
12' 8"	Short	51.67	100.33		
12' 8"	Long	52.10	99.90		
12' 8"	Oak Summit	51.31	100.69		
12' 10"	Short	52.25	101.75		
12' 10"	Long	53.10	100.90		
12' 10"	Oak Summit	52.06	101.94		

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

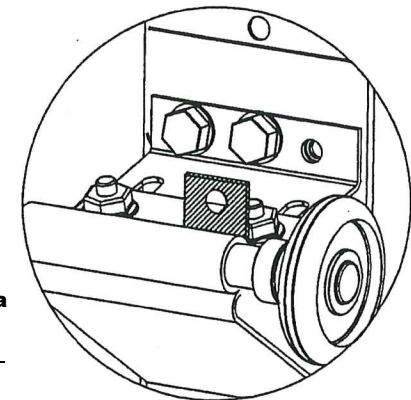
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Miami-Dade Product Control

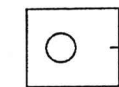
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code

NOA-No. **19-0205.03**Expiration Date: **07/31/2024**By: *[Signature]*

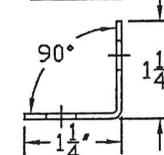
Miami-Dade Product Control

TOP FIXTURE REINFORCEMENT  
ILLUSTRATION

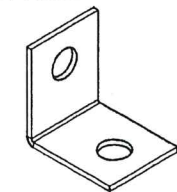
TOP FIXTURE ADDER PIECE



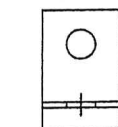
TOP VIEW



END VIEW



ISOMETRIC VIEW



SIDE VIEW

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE  
16' x 14'  
SIZES SUBJECT  
TO WEIGHT  
LIMITATIONS

DESIGN LOADS  
+48.0 PSF  
-52.0 PSF

LARGE MISSILE  
IMPACT  
RESISTANCE

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

**THOMAS L. SHELMERDINE**  
LICENSE  
No. 48579  
3/18/19  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
FL

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

**Amarr**  
ENTREMATICS

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

SIZE	DRAWN BY	RLR	DATE	11/11/13	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	3/18/19	IRC-1216-175-26-G
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 4 OF 4