



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 2400 & 2000 Steel Sectional Garage Doors up to 12'-2" Wide – L.M.I.

APPROVAL DOCUMENT: Drawing No. **IBC-2412-188-26-I Rev C**, titled "Model 2400 (24 GA) and Model 2000 (20 GA)", sheets 1 through 3 of 3, dated 04/10/07 and last revised on 08/24/22, 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 **renews NOA No. 22-0728.04** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 23-0411.04
Expiration Date: September 6, 2027
Approval Date: May 11, 2023
Page 1

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. 12-0228.08)
2. Drawing No. **IBC-2412-188-26-I**, titled "Model 2400 (24 GA) and Model 2000 (20 GA)", Sheets 1 through 3 of 3, dated 04/10/07, with revision C dated 11/29/2011, prepared by manufacturer, signed and sealed by Thomas L. Shelmerdine, P.E.
(Submitted under NOA No. 12-0228.08)

B. TESTS

1. 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. 12-0228.08)
2. 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 a 9' x 7' Sectional Steel Garage Door, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0912.01-11**, dated 10/13/11, signed and sealed by David W. Johnson, P.E.
(Submitted under NOA No. 12-0228.09)
3. 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-0312.02-07**, dated 05/04/07, signed and sealed by David W. Johnson, P.E.
(Submitted under NOA No. 07-0928.12)
4. Test report on Tensile Test for 3 Samples per ASTM E 8, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-07-T683**, dated 04/19/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 07-0928.12)

C. CALCULATIONS

1. Anchor calculations prepared by Structural Solutions, P.A., dated 01/25/12, signed and sealed by Thomas L. Shelmerdine, P.E.
(Submitted under NOA No. 12-0228.08)

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0411.04
Expiration Date: September 6, 2027
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

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 6th Edition (2017)** and of no financial interest, dated 09/11/17, issued by Structural Solutions, PA., signed and sealed by Tomas L. Shelmerdine, P.E.
(Submitted under NOA No. 17-1010.27)

G. OTHERS

1. Notice of Acceptance No. **17-0517.10**, issued to Amarr Garage Doors for their Model 2400 & 2000 Steel Sectional Garage Door up to 12'-2" Wide (DP +50.9, -56.0 PSF), approved on 07/20/17 and expiring on 09/06/22.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0411.04
Expiration Date: September 6, 2027
Approval Date: May 11, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA # 20-1015.21

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. None.

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.

G. OTHERS

1. Notice of Acceptance No. **17-1010.27**, issued to Amarr Garage Doors for their Model 2400 & 2000 Steel Sectional Garage Door up to 12'-2" Wide (DP +50.9, -56.0 PSF), approved on 12/28/17 and expiring on 09/06/22.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0411.04
Expiration Date: September 6, 2027
Approval Date: May 11, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED previous approval

A. DRAWINGS

1. Drawing No. **IBC-2412-188-26-I Rev C**, titled “Model 2400 (24 GA) and Model 2000 (20 GA)”, sheets 1 through 3 of 3, dated 04/10/07 and last revised on 08/24/22, 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).

F. MATERIAL CERTIFICATIONS

1. None.

G. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated 07/18/2022, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.
2. Testing contract letter, issued by American Test Lab, Inc., dated 08/23/2022 and signed by Keith Own, Lab director.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0411.04
Expiration Date: September 6, 2027
Approval Date: May 11, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **IBC-2412-188-26-I Rev C**, titled “Model 2400 (24 GA) and Model 2000 (20 GA)”, sheets 1 through 3 of 3, dated 04/10/07 and last revised on 08/24/22, 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) 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 12’2” x 8’ 24 gage Sectional Steel Garage Door (Model 2400), prepared by American Test Lab, Inc., Report No. **ATLNC-0920.01-22**, dated 02/01/23, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

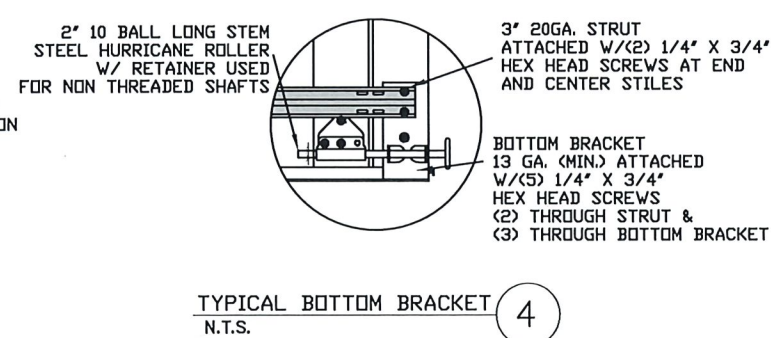
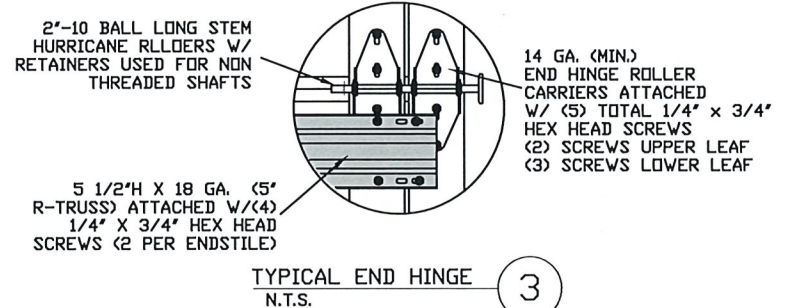
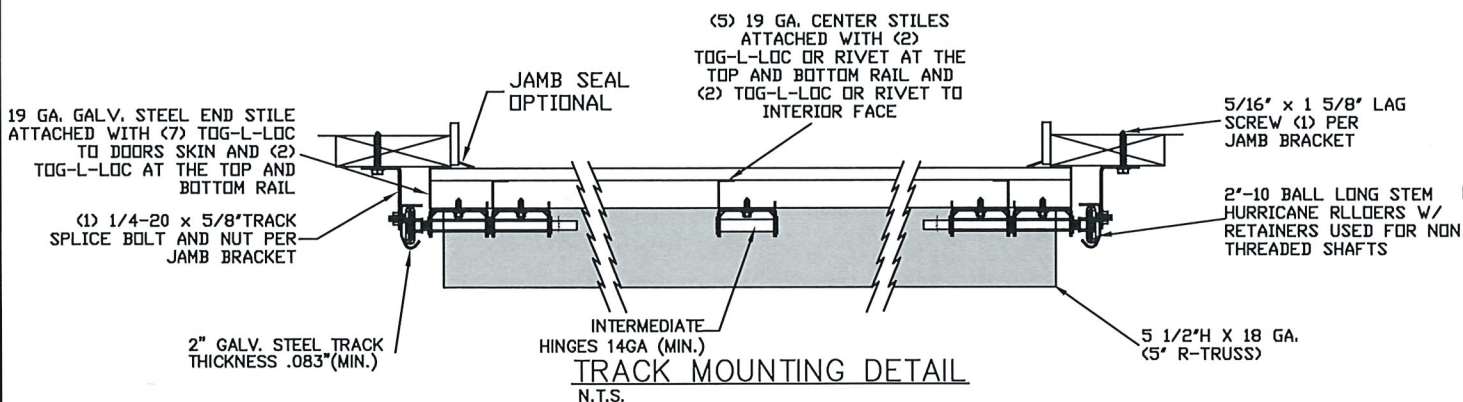
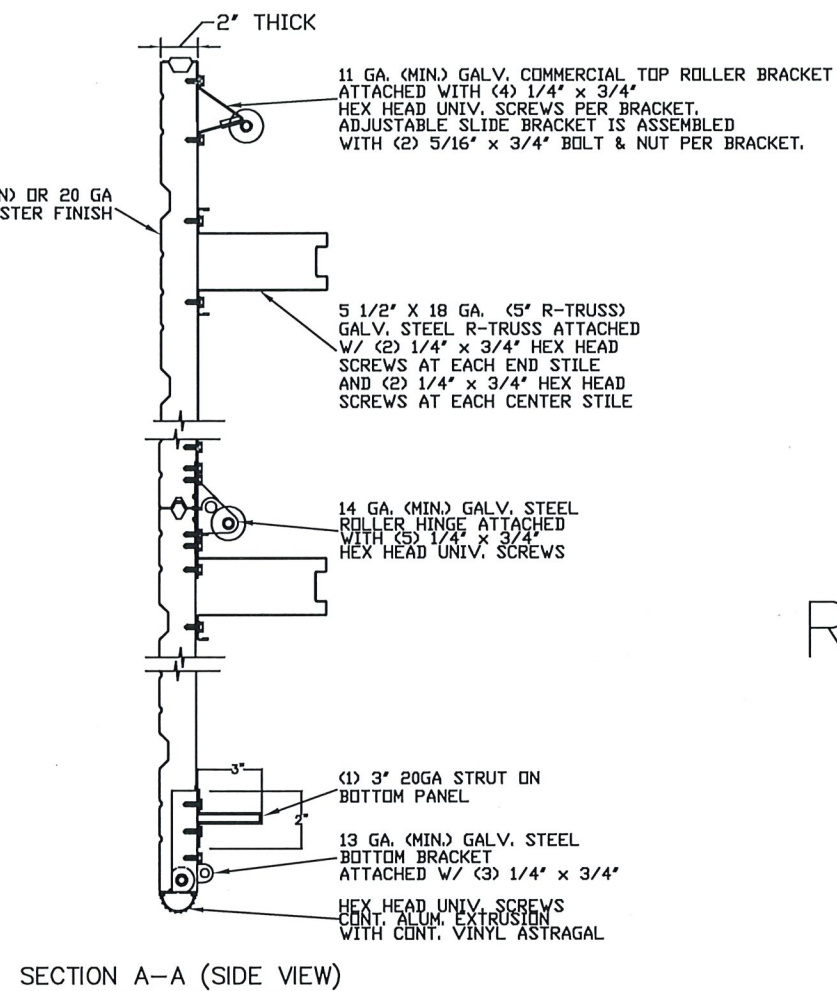
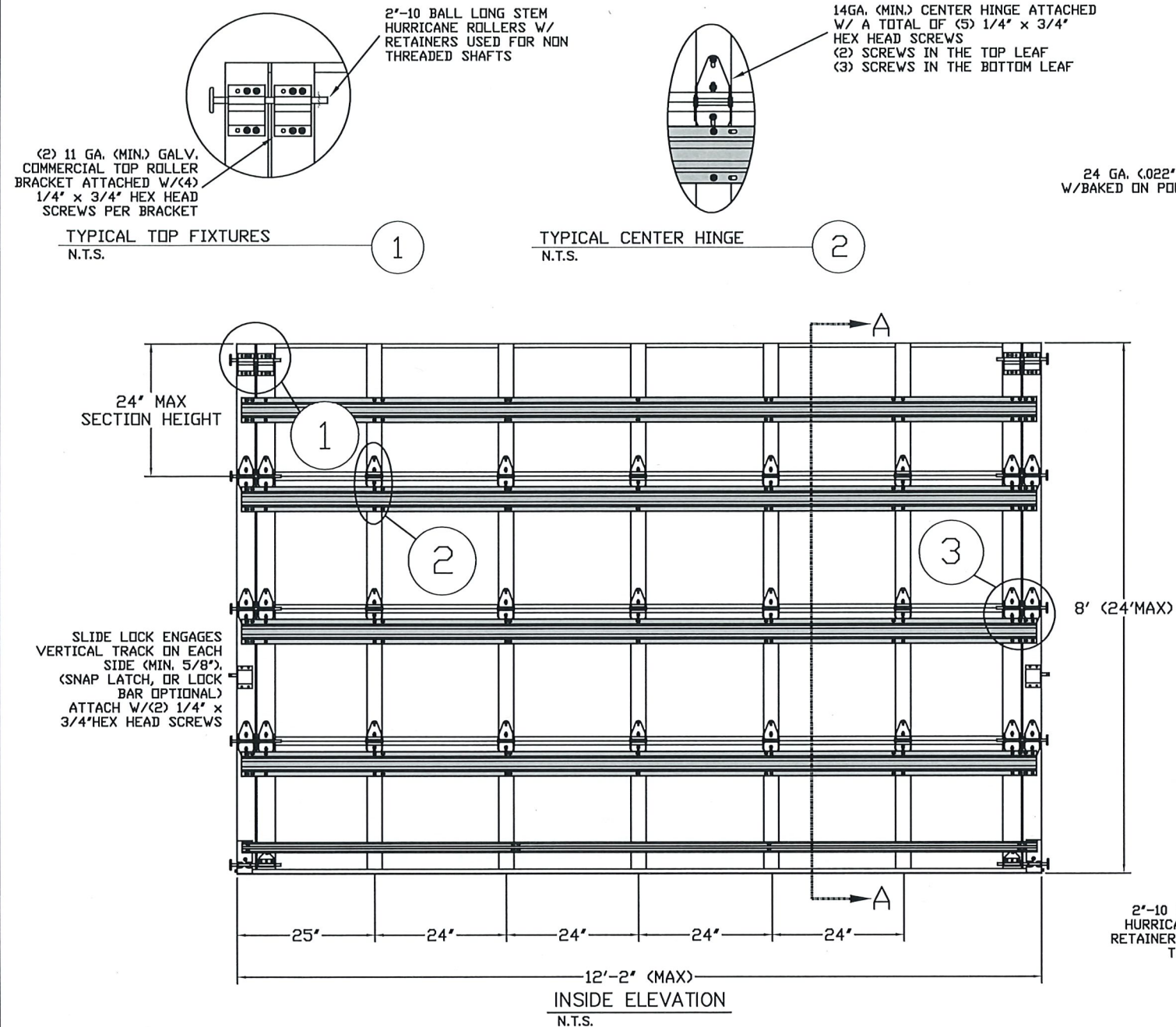
1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated 07/18/2022, issued by Structural Solutions, P.A., signed and sealed by Thomas L. Shelmerdine, P.E.

G. OTHER

1. This NOA **renews NOA No. 22-0728.04**, expiring 09/06/27.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0411.04
Expiration Date: September 6, 2027
Approval Date: May 11, 2023



PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0411.04
Expiration Date 09/06/2027
By *Ishag I. Chanda*
Miami-Dade Product Control

LARGE MISSILE IMPACT RESISTANCE

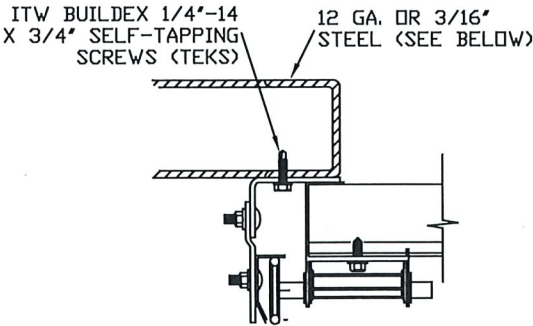
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0728.04
Expiration Date 09/06/2023
By *RPT*
Miami-Dade Product Control

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	ADD TITLE BLOCK TO PAGE 2	7/3/07	BHG
B	KSI AND STANDARDS UPDATED (SPEC & NOTE PG2) DETAIL 3 CHANGED FOR SHORTER TRUSS SPICE SPACING DIMENSIONED IN TRACK CONFIG TOP FIXTURE DETAILS CORRECTED	9/11/08	SKW
C	UPDATED TO FBC 2010	11/29/11	RLR

MAX SIZE, 12'2" x 24'		<i>Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (PL Firm #29432)</i> dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
DESIGN LOADS +50.0 PSF -56.0 PSF		
LARGE MISSILE IMPACT RESISTANCE		

MODEL 2400 AMARR 2402, 2412, 2422 MODEL 2000 AMARR 2002, 2012, 2022	
SIZE B	DRAWN BY BHG DATE 03/07/07 CHECKED BY SKW DATE 04/10/07
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105	
DRAWING NUMBER IBC-2412-188-26-I SHEET 1 OF 3	

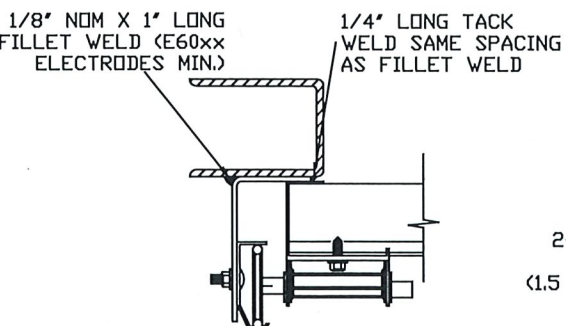
TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS



CLIP STYLE REVERSE ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE
MOUNT AVAILABLE

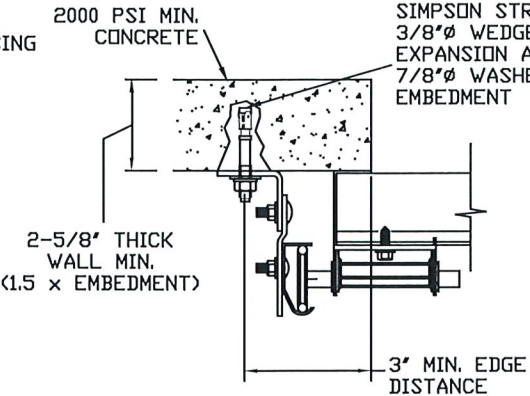
12 GA. STEEL FRAMING
232 LBS./SCREW ALLOWABLE LOAD - 6'
FROM ENDS AND 9' O.C.
REFER TO NOTES 1, 2 AND 5

3/16\"/>



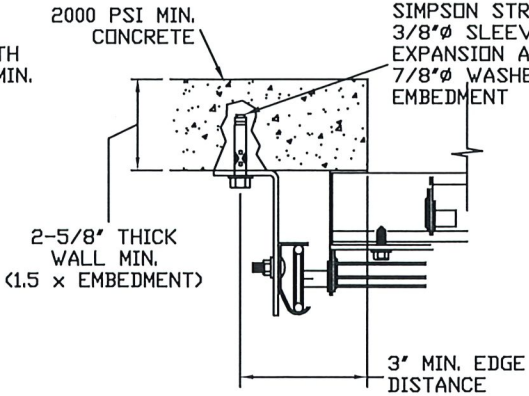
REVERSE ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND
TAPERED ANGLE MOUNT AVAILABLE

STEEL FRAMING 12GA OR BETTER
1590 LBS./IN. ALLOWABLE LOAD -
6' FROM ENDS AND 24' O.C.
REFER TO NOTES 1, 2, 5, 6, 7, 8
AND 9



CLIP STYLE CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, REVERSE AND TAPERED ANGLE MOUNT
AVAILABLE

2000 PSI CONCRETE OR GREATER
351 LBS./EXPANSION ANCHOR ALLOWABLE LOAD -
6' FROM ENDS AND 12' O.C.
REFER TO NOTES 1, 2, 3, 4 AND 5



CONTINUOUS ANGLE MOUNT SHOWN
BRACKET, CONTINUOUS AND TAPERED ANGLE
MOUNT AVAILABLE

2000 PSI CONCRETE OR GREATER
336 LBS./EXPANSION ANCHOR ALLOWABLE
LOAD - 6' FROM ENDS AND 12' O.C.
REFER TO NOTES 1, 2, 3, 4 AND 5

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0411.04

Expiration Date 09/06/2027

By Ishag I. Chandra
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0728.04

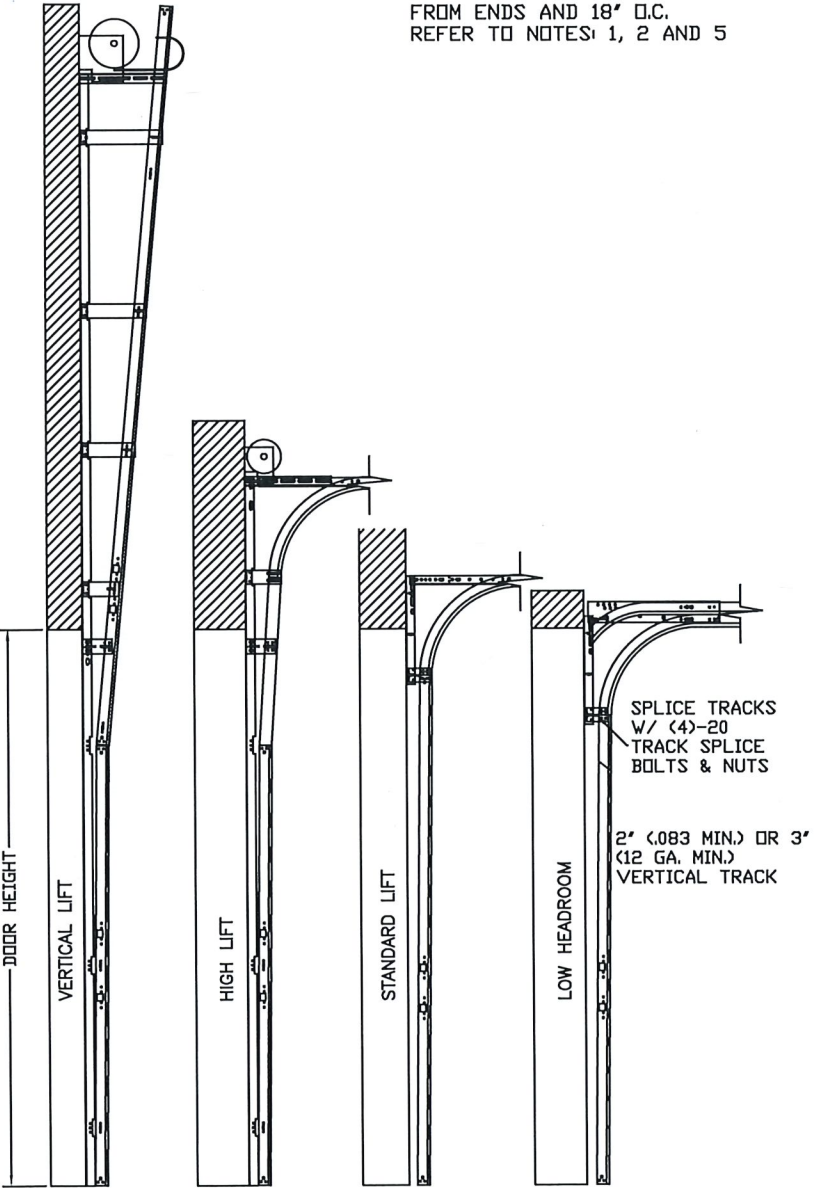
Expiration Date 09/06/2023

By [Signature]
Miami-Dade Product Control

- NOTES:
1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
 2. FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
 3. MIN. EGDE DISTANCE OF 3" REQUIRED.
 4. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.
 5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS IN ADDITION TO OTHER LOADS.
 6. MOST GARAGE DOOR TRACK IS GALVANIZED STEEL. USE ALL NECESSARY PRECAUTIONS WHEN WELDING GALVANIZED STEEL.
 7. ALL WELDS SHOULD BE PERFORMED BY A CERTIFIED WELDER OR INSPECTED BY A CERTIFIED WELDING INSPECTOR TO VERIFY THE INTEGRITY OF THE WELD.
 8. FILLET WELDS TO HAVE A STRAIGHT OR CONVEX FACE SURFACE.
 9. TACK WELD TOE OF ANGLE AT SAME SPACING TO PREVENT ROTATION OF TRACK ANGLE.

TABLE 1

DOOR	TRACK ATTACHMENT																								SPLICE
HEIGHT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W		S
7'	3.5"	10"	22"	34"	46"	58"																			76"
8'	3.5"	10"	22"	34"	46"	58"	70"																		88"
9'	3.5"	10"	22"	34"	46"	58"	70"	82"																	100"
10'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"																112"
11'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"															124"
12'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"														136"
13'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"													148"
14'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"												160"
15'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"											172"
16'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"										184"
17'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"									196"
18'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"								208"
19'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"							220"
20'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"						232"
21'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"					244"
22'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"				256"
23'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"			268"
24'	3.5"	10"	22"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	154"	166"	178"	190"	202"	214"	226"	238"	250"	262"		280"



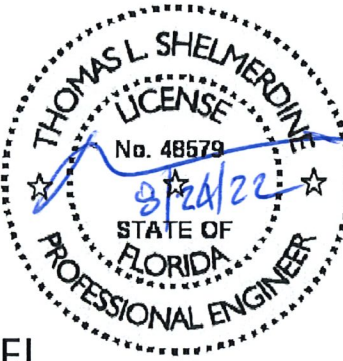
AVAILABLE TRACK CONFIGURATIONS
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	ADD TITLE BLOCK TO PAGE 2	7/3/07	BHG
B	KSI AND STANDARDS UPDATED (SPEC & NOTE PG2) DETAIL 3 CHANGED FOR SHORTER TRUSS SPLICE SPACING DIMENSIONED IN TRACK CONFIG TOP FIXTURE DETAILS CORRECTED	9/11/08	SKW
C	UPDATED TO FBC 2010	11/29/11	RLR

MAX SIZE
12'2 x 24'
DESIGN LOADS
+50.0 PSF
-56.0 PSF

LARGE MISSILE
IMPACT
RESISTANCE

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



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

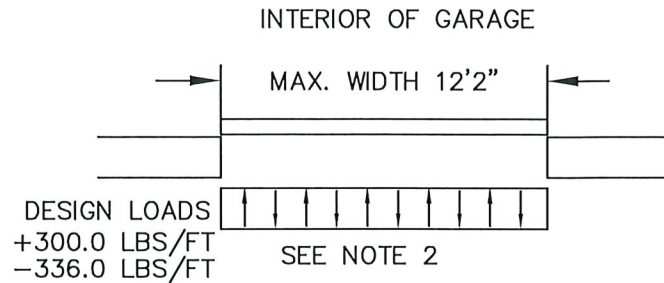
Amarr
ENTRE/MATIC

MODEL 2400 AMARR 2402, 2412, 2422
MODEL 2000 AMARR 2002, 2012, 2022

SIZE	DRAWN BY	BHG	DATE	03/07/07	DRAWING NUMBER
B	CHECKED BY	SKW	DATE	04/10/07	IBC-2412-188-26-1
ENTRE/MATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 2 OF 3

SPECIFICATIONS AND NOTES

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 JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +300.0 LBS/FT & -336.0 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UP TO 24'0" HIGH USE (1) 5 1/2" R-TRUSS PER SECTION AND (1) 3" 20GA STRUT ON BOTTOM SECTION
6. 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 34,600 PSI OR MORE SHALL BE USED TO MAKE DOOR PANELS FOR DADE COUNTY UNDER THIS NOTICE OF ACCEPTANCE.

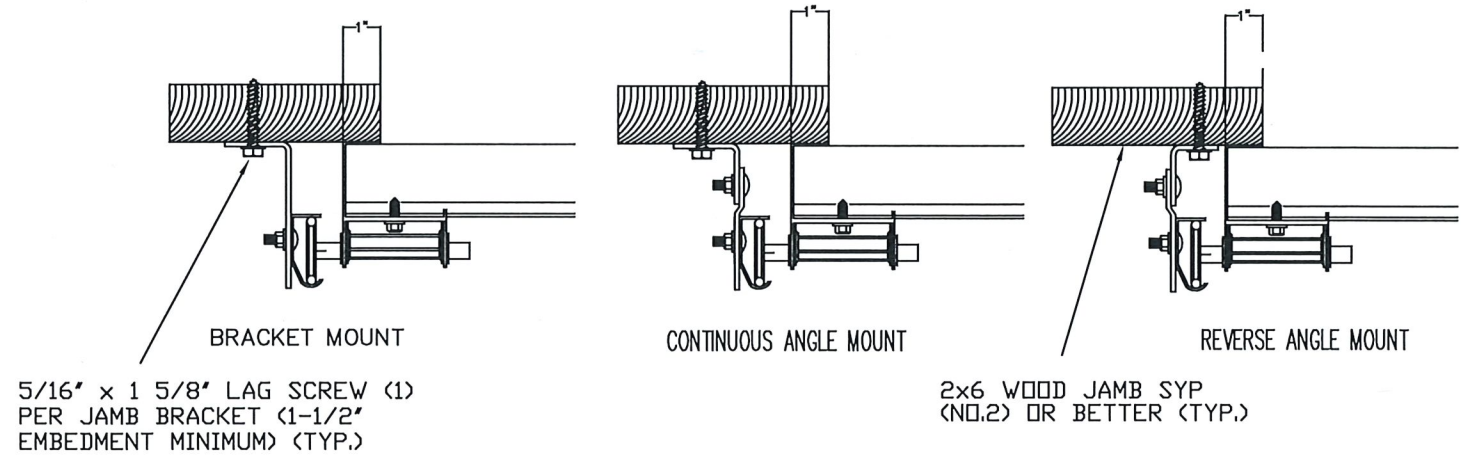


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By *R. J. Thomas*
Miami-Dade Product Control

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Expiration Date 09/06/2027
By *Ishag I. Chande*
Miami-Dade Product Control

TRACK CONNECTION TO WOOD JAMB OPTIONS

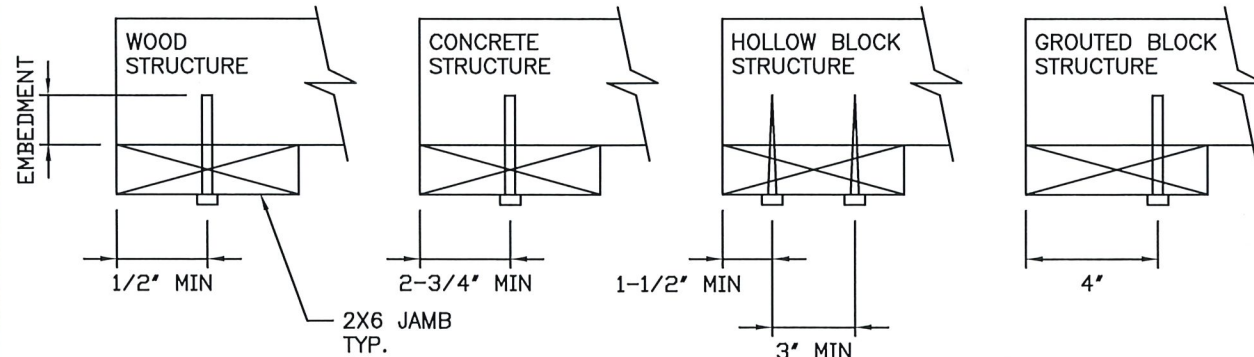
FOR LAG SCREWS & BRACKET SPACING SEE TABLE 1



WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

- 2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE**
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 16" 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 14" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET 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 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 16" 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
A	ADD TITLE BLOCK TO PAGE 2	7/3/07	BHG
B	KSI AND STANDARDS UPDATED (SPEC & NOTE PG2) DETAIL 3 CHANGED FOR SHORTER TRUSS SPRUE SPACING DIMENSIONED IN TRACK CONFIG TOP FIXTURE DETAILS CORRECTED	9/11/08	SKW
C	UPDATED TO FBC 2010	11/29/11	RLR

MAX SIZE,
12'2" x 24'

DESIGN LOADS
+50.0 PSF
-56.0 PSF

LARGE MISSILE
IMPACT
RESISTANCE

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

FL

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Amarr
ENTRE/MATIC

MODEL 2400 AMARR 2402, 2412, 2422
MODEL 2000 AMARR 2002, 2012, 2022

SIZE	DRAWN BY	BHG	DATE	03/07/07	DRAWING NUMBER
B	CHECKED BY	SKW	DATE	04/10/07	IBC-2412-188-26-1
ENTRE/MATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 3 OF 3

