



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/economy

Raynor Garage Doors
 1101 East River Road, P.O. Box 448
 Dixon, IL 61021

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: TradeMark Steel Sectional Garage Door up to 16'-0" Wide

APPROVAL DOCUMENT: Drawing No. P-3307, titled "Spec, Wind Load TradeMark", sheets 1 through 3 of 3, dated 10/23/2009, with revision B dated 06/16/2010, prepared by manufacturer, signed and sealed by Richard A. Baumann, 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: 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 # 12-0517.15 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Handwritten signature and date: 09/02/2015

NOA No. 15-0721.07
 Expiration Date: October 20, 2020
 Approval Date: September 10, 2015
 Page 1

Raynor Garage Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS “Submitted under NOA # 10-0420.03”

1. Drawing No. **P-3307**, titled “Spec, Wind Load TradeMark”, sheets 1 through 3 of 3, dated 10/23/2009, with revision B dated 06/16/2010, prepared by the manufacturer, signed and sealed by Richard A. Baumann, P.E.

B. TESTS “Submitted under NOA # 10-0420.03”

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 16’x 7’ TradeMark Sectional Steel Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-1101-09**, dated 02/03/2010, signed and sealed by Vinu J. Abraham, P.E.

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

Along with marked-up drawings and installation diagram of a 12’x 7’ TradeMark Sectional Steel Garage Door, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-1201-09**, dated 02/03/2010, signed and sealed by Vinu J. Abraham, P.E.

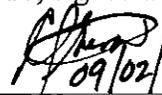
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of 9’x 7’ TradeMark Sectional Steel Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-1101-09**, dated 02/03/2010, signed and sealed by Vinu J. Abraham, P.E.

4. Test report on Forced Entry Resistance Test, per FBC 2411 3.2.1, TAS 202-94 of two (one TradeMark and one Showcase) 16’x 7’ Sectional Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-0706-10**, dated 08/10/2010, signed and sealed by Vinu J. Abraham, P.E.

5. Test report on Tensile Test per ASTM E8, of steel sheet, prepared by Certified Testing Laboratories, Test Report No. **0037T**, dated 01/20/2010, signed and sealed by Ramesh Patel, P.E.

6. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted steel, prepared by Wendler Engineering Services, Inc., dated 04/12/2010, signed and sealed by Richard A. Baumann, P.E.


09/02/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0721.07

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C. CALCULATIONS “Submitted under NOA # 10-0420.03”

1. Jamb attachment verification calculations, prepared by Wendler Engineering Services, Inc., dated 04/13/2010, signed and sealed by Richard A. Baumann, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

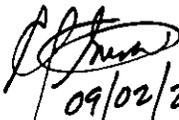
1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by Wendler Engineering Services, Inc., dated 07/01/2015, signed and sealed by Richard A. Baumann, P.E.

“Submitted under NOA # 12-0517.15”

2. Statement letter of code conformance to 2010 FBC, issued by Wendler Engineering Services, Inc., dated 05/14/2012, signed and sealed by Richard A. Baumann, P.E.

“Submitted under NOA # 10-0420.03”

3. Statement letter of code conformance with FBC 2007, issued by Wendler Engineering Services, Inc., dated 04/12/2010, signed and sealed by Richard A. Baumann, P.E.
4. Statement letter of no financial interest issued by Wendler Engineering Services, Inc., dated 04/12/2010, signed and sealed by Richard A. Baumann, P.E.



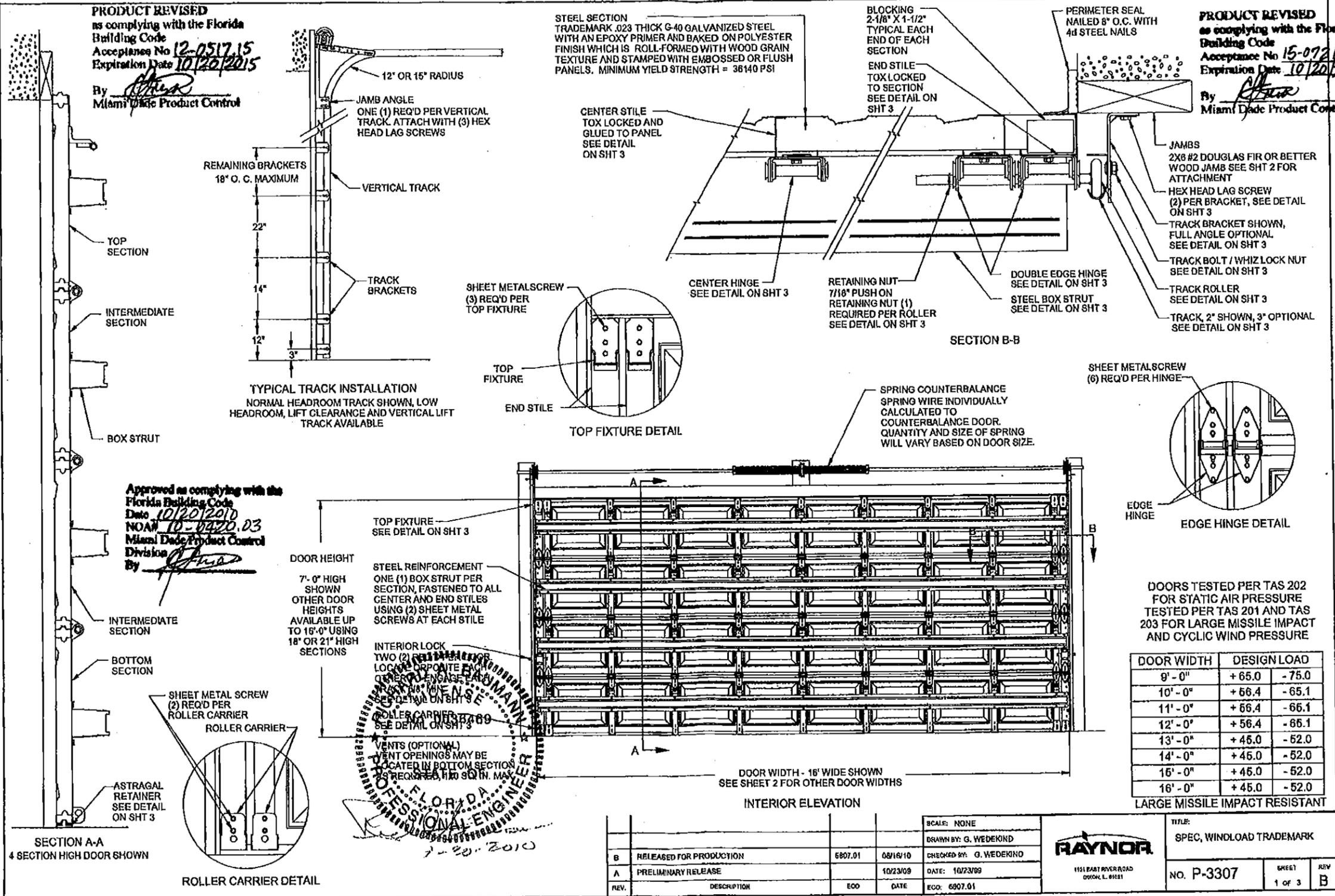
09/02/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0721.07

Expiration Date: October 20, 2020
Approval Date: September 10, 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 12-0517.15
 Expiration Date 10/26/2015
 By *[Signature]*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0721.07
 Expiration Date 10/20/2020
 By *[Signature]*
 Miami Dade Product Control

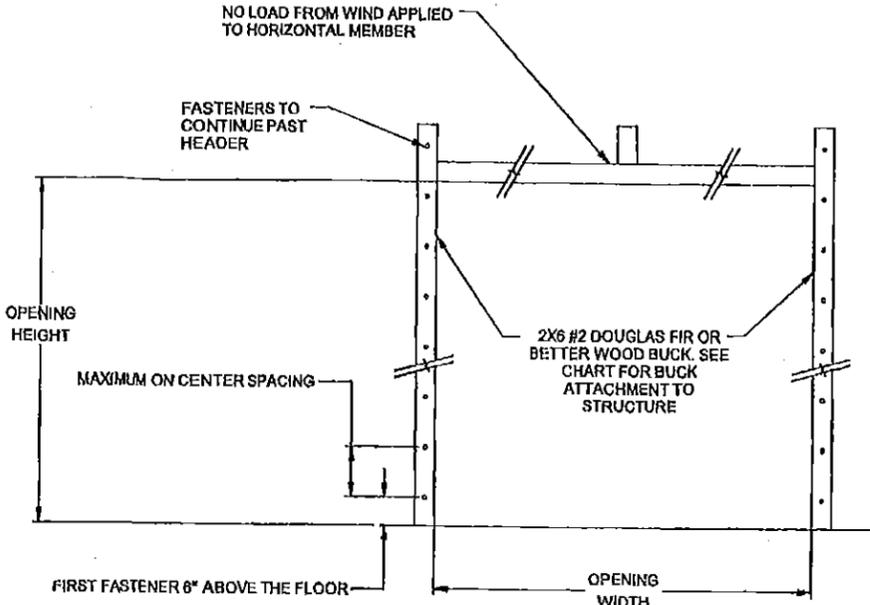
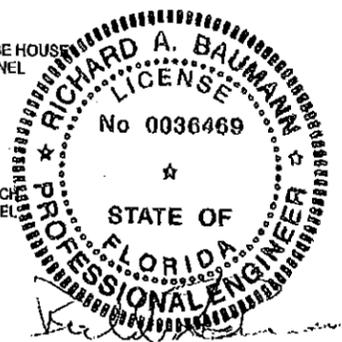
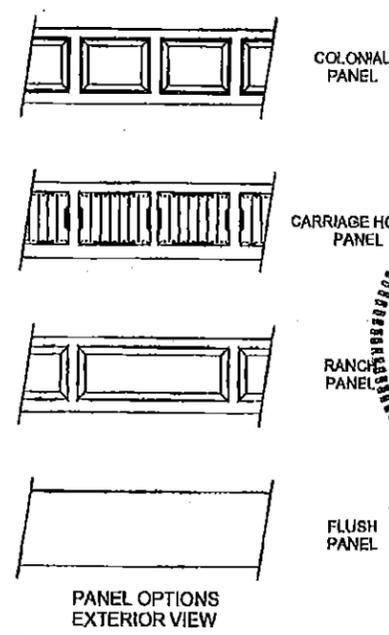
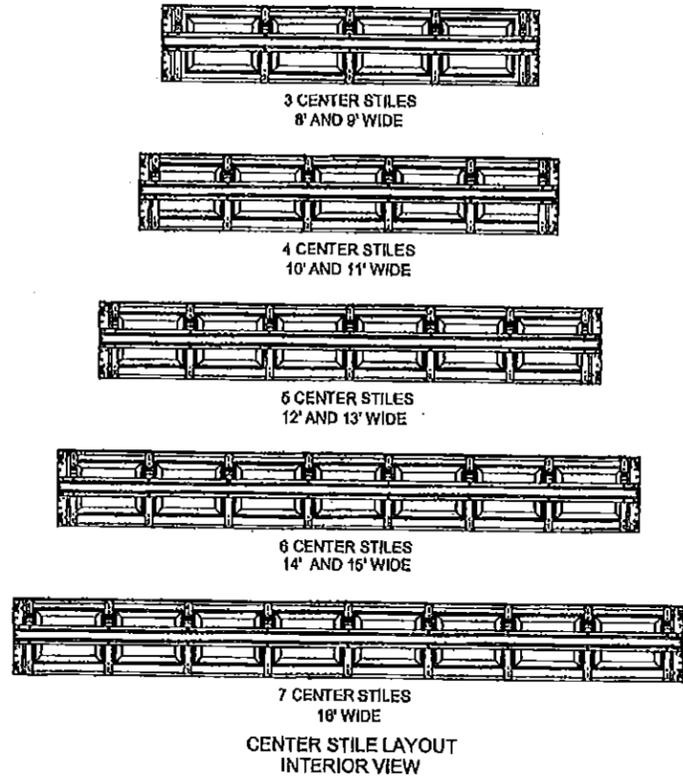


DOOR WIDTH	DESIGN LOAD
9'-0"	+ 65.0 - 75.0
10'-0"	+ 66.4 - 65.1
11'-0"	+ 66.4 - 66.1
12'-0"	+ 56.4 - 65.1
13'-0"	+ 45.0 - 52.0
14'-0"	+ 45.0 - 52.0
15'-0"	+ 45.0 - 52.0
16'-0"	+ 45.0 - 52.0

LARGE MISSILE IMPACT RESISTANT

SCALE: NONE		DRAWN BY: G. WEDEKIND		TITLE: SPEC, WINDLOAD TRADEMARK	
B RELEASED FOR PRODUCTION		6807.01	08/16/10	NO. P-3307	
A PRELIMINARY RELEASE			10/23/09	SHEET 1 of 3	REV B
REV.	DESCRIPTION	ECO	DATE	ECO: 6907.01	

151 EAST RIVER ROAD
 DOWEL L. 81231



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0721.07
Expiration Date 10/20/2020
By *[Signature]*
Miami Trade Product Control

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Miami Trade Product Control

JAMB ATTACHMENT NOTES

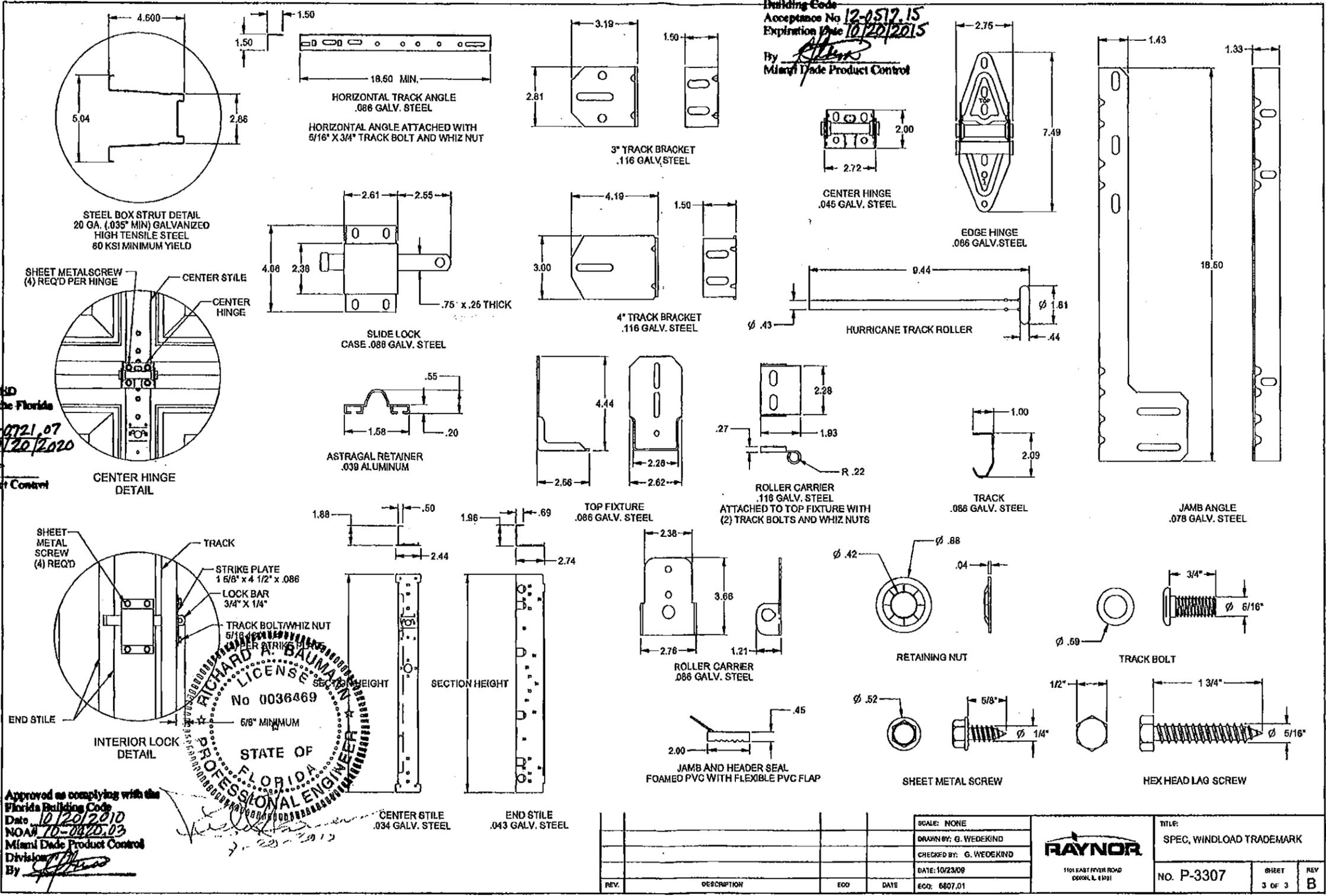
- 1/4" DIAMETER ANCHORS REQUIRE 5/8" MIN. O.D. STEEL WASHER.
- 5/16" AND 3/8" DIAMETER FASTENERS REQUIRE 7/8" MIN O.D. STEEL WASHER.
- MAXIMUM POSITIVE LOAD PER JAMB = (16' X 45 PSF) / 2 = 360 LBS PER FOOT
- MAXIMUM NEGATIVE LOAD PER JAMB = (16' X 52 PSF) / 2 = 416 LBS PER FOOT.
- DESIGN OF THE SUPPORTING STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOADS LISTED IN NOTES 3 AND 4.

Approved as complying with the
Florida Building Code
Date 10/20/2010
NOA# 10-0420.03
Miami Trade Product Control
Division
By *[Signature]*

JAMB MATERIAL	FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE	ALLOWABLE TENSION LOAD	MAXIMUM ON CENTER SPACING
GROUT FILLED BLOCK	5/16" DIA X 3 1/4" LONG ITW TAPCON	1 3/4"	4"	487	16-1/4"
3192 PSI CONCRETE	1/4" DIA X 3 1/4" LONG ITW TAPCON	1 3/4"	1"	510	17"
2899 PSI CONCRETE	5/16" DIA X 3 3/4" LONG ITW TAPCON	2 1/4"	1 9/16"	713	23-3/4"
2000 PSI CONCRETE	3/8" DIA X 3 1/2" POWER STUD ANCHOR	1 5/8"	1 7/8"	360	12"
4000 PSI CONCRETE	3/8" DIA X 3 1/2" POWER STUD ANCHOR	1 5/8"	1 7/8"	570	19"
WOOD DOUGLAS FIR (G=48)	5/16" DIA. X 3 1/2"	1 1/2"	1"	352	11-3/4"
WOOD SYP (G=55)	5/16" DIA. X 3 1/2"	1 1/2"	1"	460	15-1/4"

REV.	DESCRIPTION	ECO	DATE	SCALE: NONE	<p>1111 EAST RIVER ROAD DOCK L 41021</p>	TITLE: SPEC, WINDOW TRADEMARK
				DRAWN BY: G. WEDEKIND		NO. P-3307
				CHECKED BY: G. WEDEKIND		
				DATE: 10/23/09 ECO: 6807.01		REV B

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 12-0512.15
 Expiration Date 10/20/2015
 By *[Signature]*
 Miami Dade Product Control



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0721.07
 Expiration Date 10/20/2020
 By *[Signature]*
 Miami Dade Product Control

RICHARD A. BAUMANN
 LICENSE
 No 0036469
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

Approved as complying with the
 Florida Building Code
 Date 10/20/2010
 NOAH 10-0825.03
 Miami Dade Product Control
 Division
 By *[Signature]*

REV.	DESCRIPTION	EGD	DATE

SCALE: NONE	 1101 EAST RIVER ROAD DEERBELL, FL 33431	TITLE: SPEC, WINDLOAD TRADEMARK
DRAWN BY: G. WEDEKIND		NO. P-3307
CHECKED BY: G. WEDEKIND		
DATE: 10/23/09		REV B