

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

Rytec Corporation One Cedar Parkway Jackson, WI 53037

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 Spiral SST-HZ and SSN-HZ Aluminum Roll-up Door up to 16'-0" Wide

APPROVAL DOCUMENT: Drawing No. **9B963_HVHZ-R13**, titled "Spiral Rollup Door, Model SST-HZ and Model SSN-HZ", sheets 1 through 4 of 4, dated 10/02/2006, with revision 13 dated 11/17/2023, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, 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/series 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 # 23-0406.01** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

12/13/23

NOA No. 23-0929.05 Expiration Date: November 8, 2027 Approval Date: November 16, 2023 Page 1

1. Evidence submitted under previous NOA's

A. DRAWINGS "Submitted under NOA #15-1014.04"

1. Drawing No. **9B963-R5**, titled "Spiral Rollup Door, Model SST-HZ and Model SSN-HZ", sheets 1 through 4 of 4, dated 10/02/2006, with revision 7 dated 08/02/2015, prepared by HR Engineering, Inc, signed and sealed by Allen N. Reeves, P.E.

B. TESTS "Submitted under NOA # 12-0917.05"

1. Test report on Forced Entry Resistance Test per FBC, TAS 202-94 of a Model SST-S Roll up Door, prepared by Architectural Testing, Inc., Test Report No. C1821.01-602-18, dated 09/04/2012, signed and sealed by Shawn G. Collins, P.E.

"Submitted under NOA # 06-1017.07"

- Test report on Large Missile Impact Test per FBC, TAS 201-94, Cyclic Wind Pressure Test per FBC, TAS 203-94 and Uniform Static Air Pressure Test per FBC, TAS 202-94 of Series/ Model Spiral-HZ overhead doors, prepared by ETC Laboratories, Test Report No. ETC-05-844-16366.0, dated 04/17/2006, signed and sealed by Joseph Labora Doldan, P.E.
- 3. Test report on Smoke Density per ASTM D2843, Rate of Burning per ASTM D 635 and Self Ignition per ASTM D 1929 of door plastic materials, prepared by ETC Laboratories, Test Report No. ETC-06-844-17497.1, dated 05/09/2006, signed and sealed by Joseph Labora Doldan, P.E.
- 4. Test report on Tension per ASTM E8, of door aluminum skin, prepared by ETC Laboratories, Test Report No. ETC-06-844-17585.0, dated 05/08/2006, signed and sealed by Joseph Labora Doldan, P.E.

C. CALCULATIONS "Submitted under NOA #15-1014.04"

1. Roll-up Door Spiral HZ Installation Design, prepared HR Engineering, Inc, dated 10/11/2006, revised on 08/31/2015, signed and sealed by Allen N. Reeves, P.E.

"Submitted under NOA # 08-1024.03"

2. Calculations for Roll-up Door, Spiral SST-HZ, prepared HR Engineering, Inc, dated 10/31/2008, sheets 1 through 5, signed and sealed by Allen N. Reeves, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0926.07**, issued to Dyplast Products LLC, for their Expanded Polystyrene Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.

F. STATEMENTS "Submitted under NOA #15-1014.04"

- 1. Statement letter of code conformance to the 5th edition (2014) FBC issued by HR Engineering, Inc., dated 09/09/2015, signed and sealed by Allen N. Reeves, P.E.
- 2. Statement letter of no financial interest issued by HR Engineering, Inc., dated 09/09/2015, signed and sealed by Allen N. Reeves, P.E.

2. Evidence submitted under NOA # 17-1106.02

A. DRAWINGS

1. Drawing No. **9B963-R8**, titled "Spiral Rollup Door, Model SST-HZ and Model SSN-HZ", sheets 1 through 4 of 4, dated 10/02/2006, with revision 8 dated 10/25/2017, prepared by HR Engineering, Inc, signed and sealed by Allen N. Reeves, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Roll-up Door Spiral HZ Installation Design, prepared HR Engineering, Inc, dated 10/11/2006, revised on 10/24/2017, signed and sealed by Allen N. Reeves, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 16-1129.05, issued to Dyplast Products LLC, for their E and R Board Expanded Polystyrene Rigid Foam Insulations, approved on 01/19/2017 and expiring on 01/11/2022.

F. STATEMENTS

- 1. Statement letter of code conformance to the 6th Edition (2017) FBC issued by HR Engineering, Inc., dated 10/26/2017, signed and sealed by Allen N. Reeves, P.E.
- 2. Statement letter of no financial interest issued by HR Engineering, Inc., dated 10/26/2017, signed and sealed by Allen N. Reeves, P.E.

3. Evidence submitted under NOA # 22-0927.11

A. DRAWINGS

1. Drawing No. **9B963_HVHZ-R10**, titled "Spiral Rollup Door, Model SST-HZ and Model SSN-HZ", sheets 1 through 4 of 4, dated 10/02/2006, with revision 10 dated 09/12/2022, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculation evaluation report, prepared PTC Product Design Group, LLC, dated 09/12/2022, signed and sealed by Robert J. Amoruso, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **22-0627.03**, issued to Kingspan Insulation LLC, for their ISO-C1 Polyisocyanurate Rigid Foam Insulation, approved on 07/21/2022, and expiring on 01/11/2027.
- 2. Notice of Acceptance No. 22-0627.04, issued to Kingspan Insulation LLC, for their E and R Board Expanded Polystyrene Rigid Foam Insulations, approved on 07/21/2022, and expiring on 01/11/2027.

F. STATEMENTS

1. Statement letter of code conformance to the 7th Edition (2020) of the FBC and of no financial interest, issued by PTC Product Design Group, LLC, dated 09/12/2022, signed and sealed by Robert J. Amoruso, P.E.

4. Evidence submitted under NOA # 23-0406.01 and new

A. DRAWINGS

1. Drawing No. **9B963_HVHZ-R13**, titled "Spiral Rollup Door, Model SST-HZ and Model SSN-HZ", sheets 1 through 4 of 4, dated 10/02/2006, with revision 13 dated 11/17/2023, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Rational analysis evaluation report No. 2789-RAER, prepared PTC Product Design Group, LLC, dated 11/17/2023, signed and sealed by Robert J. Amoruso, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

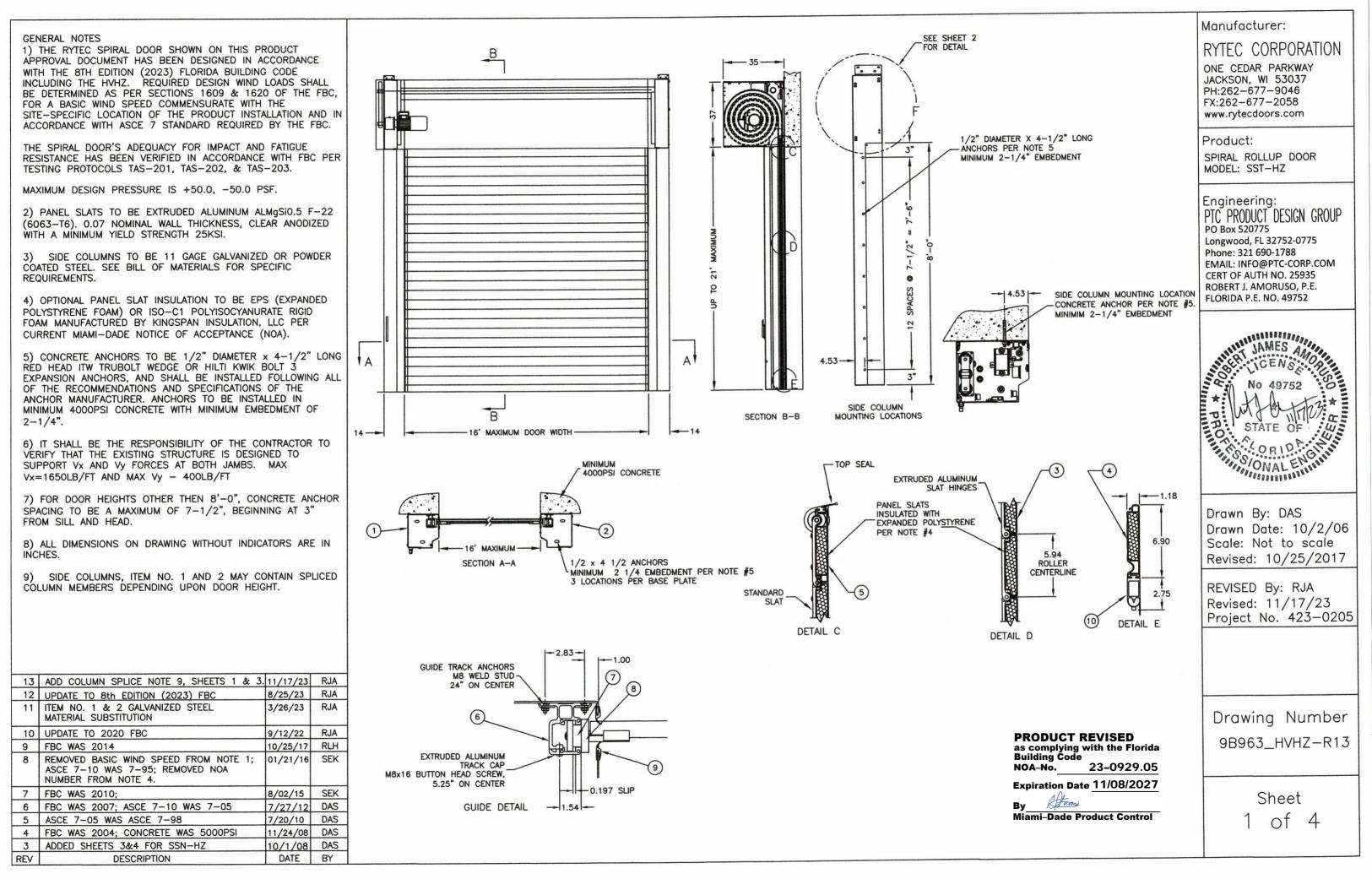
1. None.

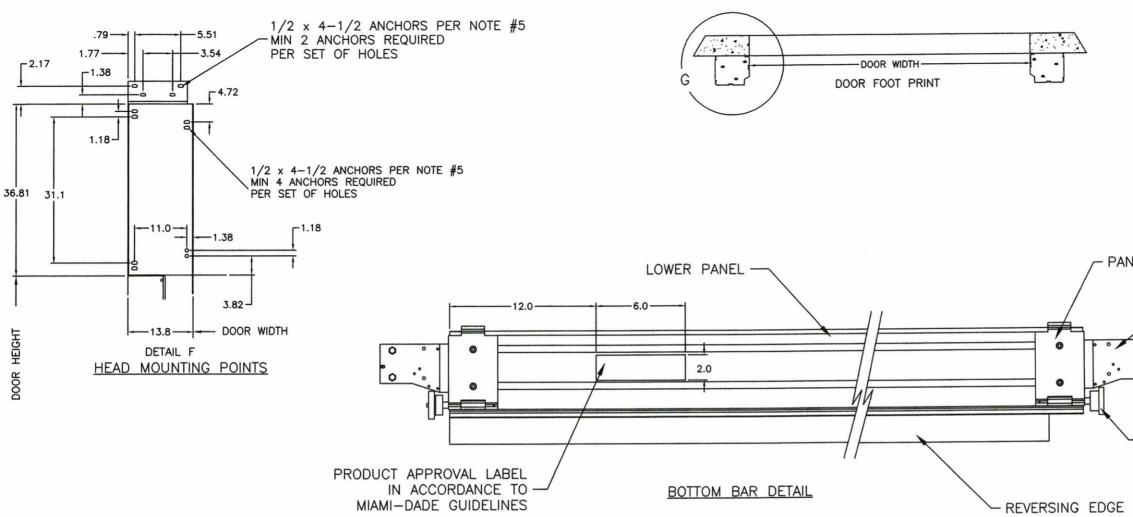
F. STATEMENTS

1. Statement letter of code conformance to the 8th Edition (2023) of the FBC and of no financial interest, issued by PTC Product Design Group, LLC, dated 08/25/2023, signed and sealed by Robert J. Amoruso, P.E.

"Submitted under NOA # 23-0406.01"

2. Statement letter of code conformance to the 7th Edition (2020) of the FBC and of no financial interest, issued by PTC Product Design Group, LLC, dated 03/27/2023, signed and sealed by Robert J. Amoruso, P.E.





BILL OF MATERIAL						
ITEM NO.	DESCRIPTION	QTY	MATERIAL			
1	SIDE COLUMN, LH	1	GALVANIZED STEEL, ASTM A653 CS TYPE B G90 POWDER COATED, ASTM A1011 CS TYPE B POWDER COATED, ASTM A1008 CS TYPE B (FY = 30 KSI) POWDER COATED, ASTM A1008 CS GR 30 POWDER COATED, ASTM A1008 CS GR 40			
2	SIDE COLUMN, RH	1	GALVANIZED STEEL, ASTM A653 CS TYPE B G90 POWDER COATED, ASTM A1011 CS TYPE B POWDER COATED, ASTM A1008 CS TYPE B (FY = 30 KSI) POWDER COATED, ASTM A1008 CS GR 30 POWDER COATED, ASTM A1008 CS GR 40			
3	STANDARD PANEL SLAT	AS REQ'D	ALUMINUM, 6063-T6			
4	LOWER PANEL SLAT	1	ALUMINUM, 6063-T6			
5	UPPER PANEL SLAT	1	ALUMINUM, 6063-T6			
6	GUIDE TRACK	2	ALUMINUM, 6063-T6			
7	ROLLER	AS REQ'D	UHMW-PE (2) 6900ZZ RADIAL BEARINGS			
8	GUIDE ROLLER	4	NYLON			
9	WEATHERSEAL	4	TPE			
10	REVERSING EDGE	1	EDPM			

	13.8	
4.33		2.36
11.6 4.45		1/2 x 4-1/2 ANCH 3 REQUIRED PER B
<u> </u>	 DETAIL	G

SIDE COLUMN BASE MOUTING

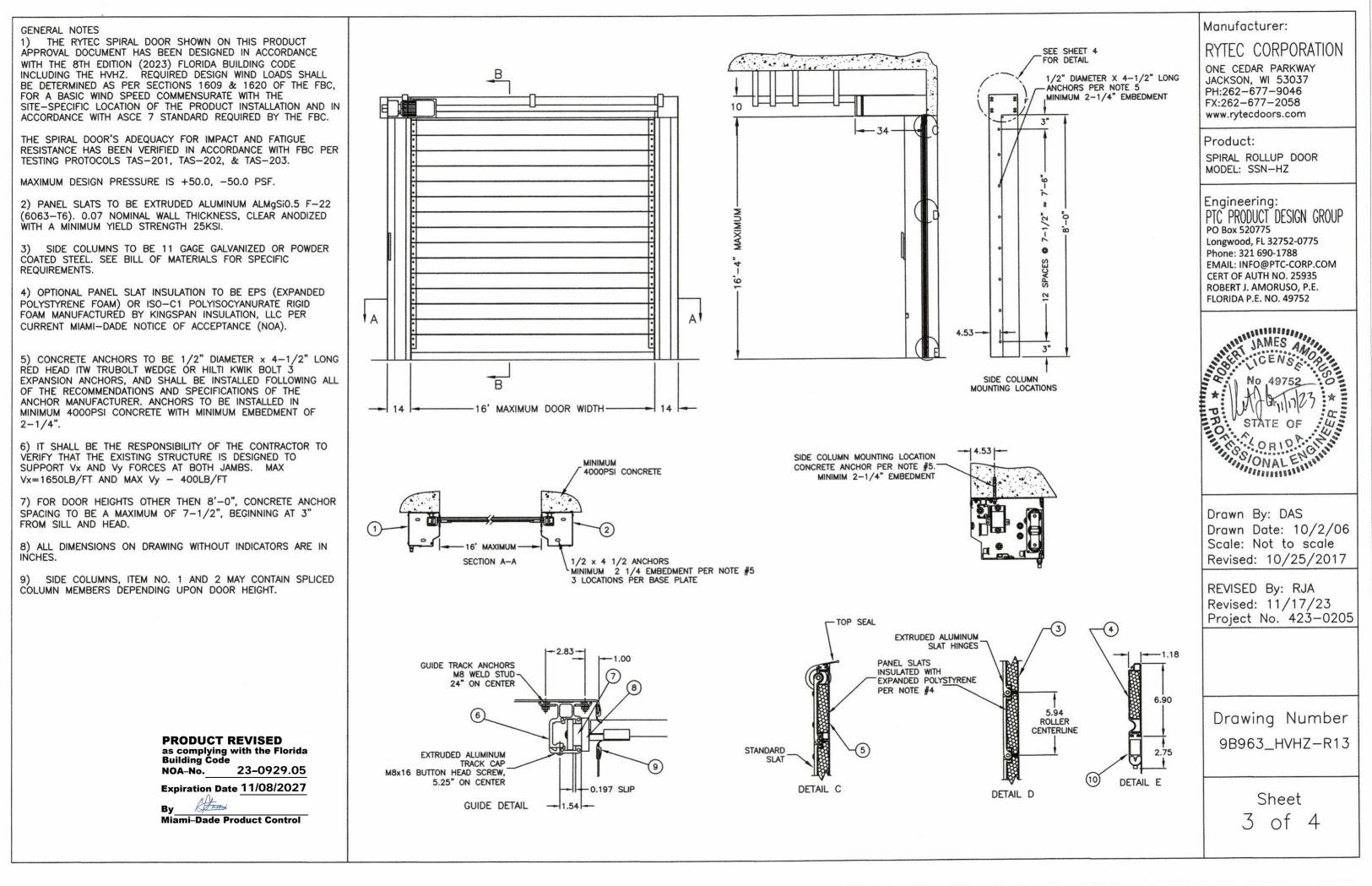
DESIGN PRESSURE RATING	IMPACT R	
+50 PSF, -50 PSF	LARGE AND SMAL IMPACT RESISTAN	

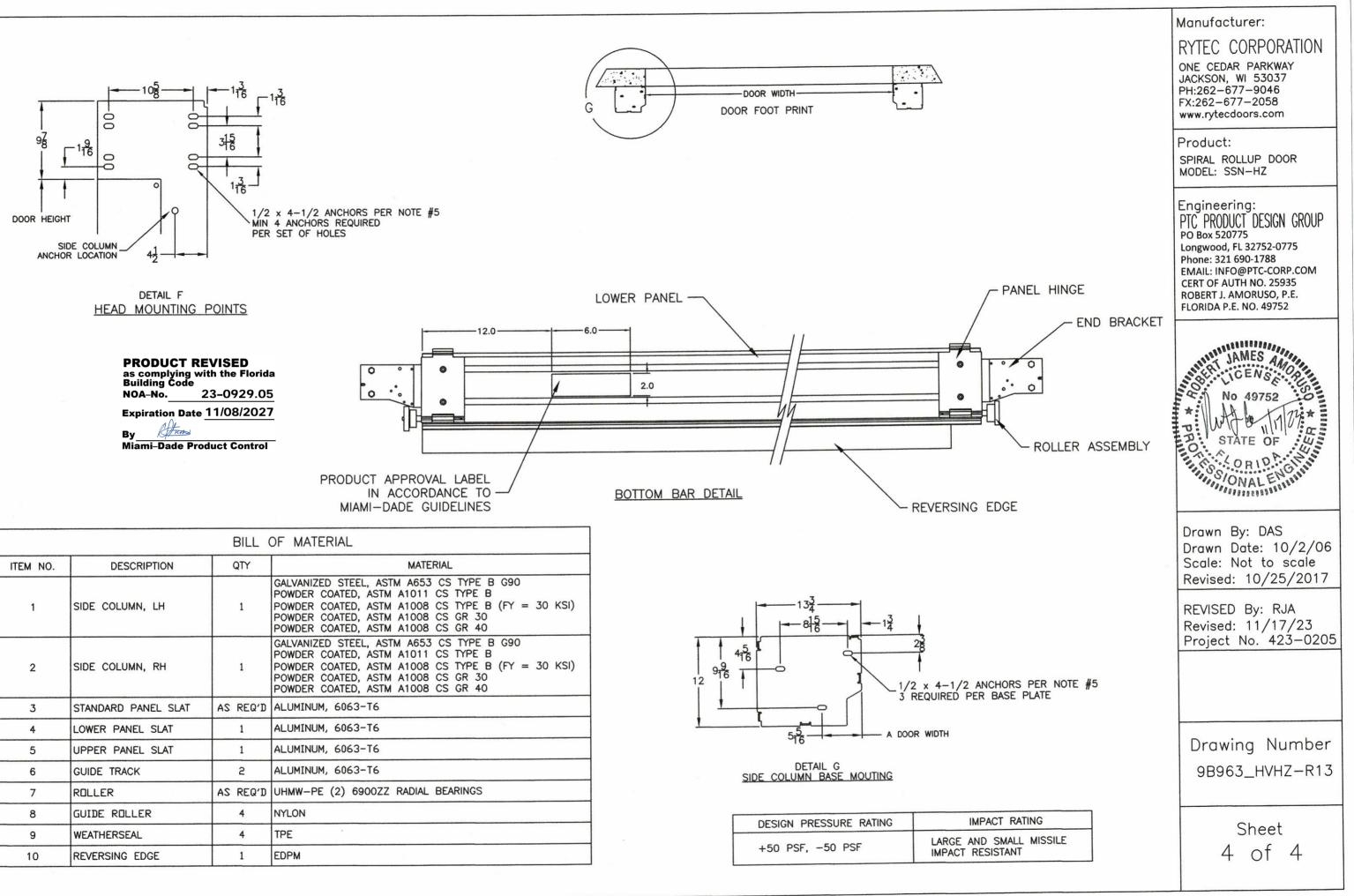
FX:262-677-2058 www.rytecdoors.com Product: SPIRAL ROLLUP DOOR MODEL: SST-HZ Engineering: PTC PRODUCT DESIGN GROUP PO Box 520775 Longwood, FL 32752-0775 Phone: 321 690-1788 PANEL HINGE EMAIL: INFO@PTC-CORP.COM CERT OF AUTH NO. 25935 ROBERT J. AMORUSO, P.E. END BRACKET FLORIDA P.E. NO. 49752 IAMES AND 0 JAMES AN No 49752 18885 ROLLER ASSEMBLY B. I STALL ORIDACIONICACIONI INCONNALENCIANI INTOSIONALENCIANI Drawn By: DAS **PRODUCT REVISED** as complying with the Florida Building Code Drawn Date: 10/2/06 Scale: Not to scale NOA-No. 23-0929.05 Revised: 10/25/2017 Expiration Date 11/08/2027 Atum REVISED By: RJA By Revised: 11/17/23 Miami-Dade Product Control Project No. 423-0205 CHORS PER NOTE #5 BASE PLATE Drawing Number 9B963_HVHZ-R13 ATING Sheet LL MISSILE 2 of 4

Manufacturer:

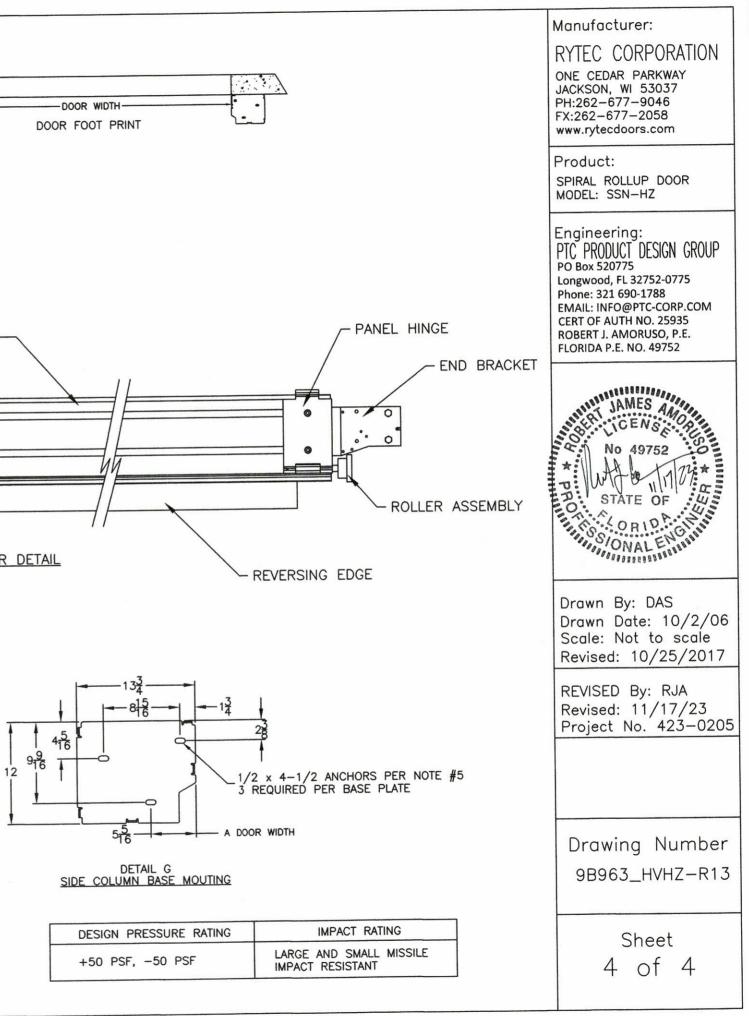
RYTEC CORPORATION

ONE CEDAR PARKWAY JACKSON, WI 53037 PH:262-677-9046





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8	GUIDE ROLLER	4	NYLON	
9	WEATHERSEAL	4	TPE	
10	REVERSING EDGE	1	EDPM	



DESIGN PRESSURE RATING	IMP	
+50 PSF, -50 PSF	LARGE AND IMPACT RE	