



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

**Alpine Overhead Doors, Inc.**  
**8 Hulse Road, East Setauket, NY 11733**

**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: Redi- Storm 16 Steel Rolling Door up to 16'-0" Wide – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **23-63717**, titled “-REDI-STORM-16 Steel Rolling Door”, sheets 1 through 6 of 6, dated 10/31/23, prepared by Engineering Express, signed and sealed by Richard Neet, 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**

**Limitations:**

1. Roll-up mechanism and/or Electrical functions are not part of this approval.
2. Where weld is specified, the ¼" fillet weld with 70xx electrodes to be used, including weld in table (Sheet 6).
3. See sheet 4, for Concrete installation min Concrete compressive strength, anchor type, min embedment and edge distance. See table (sheet 6) for anchor diameter specified.

**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.

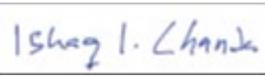
**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**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. 21-0809.03** 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 **Ishaq I. Chanda, P.E.**  12/14/23



**NOA No. 23-1024.02**  
**Expiration Date: December 11, 2028**  
**Approval Date: December 14, 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. 08-0805.15)*
2. Drawing No. **ALP16**, titled "Redi-Storm 16" sheets 1 through 3 of 3, dated 12/12/08, with revision #2 dated 09/05/18, prepared by manufacturer, signed and sealed by Felice P. DeGiovanni, P.E.  
*(Submitted under NOA No. 18-0911.03)*

**B. TESTS**

1. Test reports on: 1) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94 along with installation diagram of a Redi-Storm 16 Steel Rolling Door, prepared by UL, LLC, File No. **R38123**, Project E **4786543675**, dated 09/22/14, signed by Richard LeGrand, P.E.  
*(Submitted under NOA No. 14-0915.03)*
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 installation diagram of a Redi-Storm 16 Roll up Door, prepared by ETC Laboratories, Test Report No. **ETC-07-1102-20195.0**, dated 05/29/08, signed and sealed by Joseph L, Doldan, P.E.  
*(Submitted under NOA No. 08-0805.15)*
3. Test reports on: 1) Tensile Test, per ASTM E8 along with installation diagram of a Redi-Storm 16 Steel Rolling Door, prepared by ETC Laboratories, Test Report No. **ETC-08-1102-21835**, dated 10/08/08, signed and sealed by Joseph L, Doldan, P.E.  
*(Submitted under NOA No. 08-0805.15)*

**C. CALCULATIONS**

1. Structural analysis and anchor verification calculations prepared by manufacturer, dated 06/09/08, signed and sealed by Felice P. DeGiovanni, P.E.  
*(Submitted under NOA No. 08-0805.15)*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

Ishaq I. Chanda

**Ishaq I. Chanda, P.E.**

**Product Control Unit Supervisor**

**NOA No. 23-1024.02**

**Expiration Date: December 11, 2028**

**Approval Date: December 14, 2023**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, dated 09/05/18, issued by F. Paul DeGiovanni, P.E. Consulting Engineer, signed and sealed by Felicia P. DeGiovanni, P.E.  
*(Submitted under NOA No. 18-0911.03)*

**G. OTHERS**

1. Notice of Acceptance No. **16-1013.14**, issued to Alpine Overhead Doors, Inc. for their Redi-Storm 16 Steel Rolling Door up to 16'- 0" Wide, approved on 12/08/16 and expiring on 12/11/18.

**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. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, dated August 1, 2021, issued by F. Paul DeGiovanni, P.E. Consulting Engineer, signed and sealed by Felicia P. DeGiovanni, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **18-0911.03**, issued to Alpine Overhead Doors, Inc. for their Redi-Storm 16 Steel Rolling Door up to 16'- 0" Wide, approved on 11/15/18 and expiring on 12/11/23.

Ishaq I. Chanda

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Ishaq I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 23-1024.02  
Expiration Date: December 11, 2028  
Approval Date: December 14, 2023

**Alpine Overhead Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **23-63717**, titled “-REDI-STORM-16 Steel Rolling Door”, sheets 1 through 6 of 6, dated 10/31/23, prepared by Engineering Express, signed and sealed by Richard Neet, P.E.

**B. TESTS (submitted under previous approval)**

1. None.

**C. CALCULATIONS**

1. Structural analysis and anchor verification calculations prepared by Engineering Express, dated 10/31/23, signed and sealed by Richard Neet, 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 conformance, complying with **FBC 8<sup>th</sup> Edition (2023)** dated 12/08/23, prepared by Engineering Express, signed and sealed by Richard Neet, P.E.
2. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, dated August 1, 2021, issued by F. Paul DeGiovanni, P.E. Consulting Engineer, signed and sealed by Felicia P. DeGiovanni, P.E. (submitted under previous approval).

**G. OTHERS**

1. This NOA **revises & renews NOA No. 21-0809.03**, updates to FBC 2023, expiring on 12/11/28.

Ishaq I. Chanda

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1024.02**  
**Expiration Date: December 11, 2028**  
**Approval Date: December 14, 2023**

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# PTC PRODUCT DESIGN GROUP

## REDI-STORM 16 STEEL ROLLING DOOR LARGE/SMALL MISSILE IMPACT RESISTANCE

MAXIMUM (ASD) ALLOWABLE DESIGN PRESSURES: + / - 60 PSF

### GENERAL NOTES:

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) FOR USE INSIDE AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201, 202, AND 203 STANDARDS. SEE PRODUCT EVALUATION REPORT FOR MORE INFORMATION.
2. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-16 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
3. PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. THESE INSTALLATION INSTRUCTIONS ARE PART OF A PRODUCT APPROVAL EVALUATION AND SHALL ONLY BE USED IN CONJUNCTION WITH THE EVALUATION REPORT SUBMITTED FOR THE SAME PRODUCT APPROVAL.
5. SLATS TO BE ASTM A653 GRADE C WITH G-90 GALVANIZING OR STAINLESS STEEL WITH MINIMUM FY = 40 KSI.
6. ALL STEEL ANGLES AND WIND BAR TO BE SHOP PRIMED. SHALL BE ASTM A36 OR STRONGER.
7. HOST STRUCTURE SHALL BE EITHER 1/4" THICK MIN. ASTM A36 OR STRONGER STEEL, OR 3000 PSI MIN. UNCRACKED CONCRETE, AS APPLICABLE.
8. WINDLOCKS TO BE DUCTILE IRON WITH MINIMUM FY = 42 KSI.
9. ALL ASSEMBLY BOLTS TO BE ASTM A449 / SAE GR 5 THREADS ARE INCLUDED IN THE SHEAR PLANE.
10. ALL WELDING TO BE IN ACCORDANCE WITH AWS LATEST EDITION OF THE FLORIDA BUILDING CODE. WELDING TO BE DONE BY WELDERS USING 70XX ELECTRODES.
11. SPRING COUNTERBALANCE TO BE HOUSED IN A STEEL PIPE OF DIAMETER AND WALL THICKNESS TO RESTRICT MAXIMUM DEFLECTION OF DIAMETER AND WALL. THICKNESS TO RESTRICT MAXIMUM DEFLECTION OF 0.03" PER FOOT OF DOOR WIDTH. ROLL-ON MECHANISM NOT PART OF THIS APPROVAL MUST BE CERTIFIED BY AN INDEPENDENT CERTIFYING AGENT.
12. RIVETS FOR WIND LOCKS/END LOCKS ARE TO BE SEMI-TUBULAR 0.246/0.252 DIA 0.437 MUSHROOM HEAD X 7/16", ASTM A-31.
13. DOOR IS TO BE 22 GAUGE ASTM 525.
14. BRACKETS ARE STEEL PLATES NOT LESS THAN 3/16" THICK. BALL BEARING AT ROTATING SUPPORT POINTS. BOLTED TO MOUNTING ANGLE, SUPPORTS COUNTERBALANCE ASSEMBLY AND FORMS END ENCLOSURES SIZED TO CONFORM.
15. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL DOOR IMPACTED ON BOTH SIDES.
16. GUIDE DETAILS CAN BE USED IN ANY COMBINATION.
17. ROLL-UP MECHANISM AND HOOD ASSEMBLY ARE NOT PART OF THIS APPROVAL.
18. THIS DOCUMENT CONTAINS INFORMATION RELEVANT TO THE NECESSARY STRUCTURAL REQUIREMENTS OF THE SYSTEM INSTALLATION. COMPONENTS AND FASTENERS NOT REFERENCED WHICH ARE PART OF THE INTERNAL FABRICATION OF THE SPECIFIED SYSTEMS OR ASSEMBLIES SHALL BE PER MANUFACTURER PUBLISHED SPECIFICATIONS.
19. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS OUTLINED HEREIN.
20. CONTRACTOR SHALL BE RESPONSIBLE TO INSULATE DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
21. WATERPROOFING IS NOT PART OF THIS CERTIFICATION AND SHALL BE CERTIFIED BY OTHERS.

UNITED STATES PATENT NUMBERS: 5,657,805 - 5,419,386

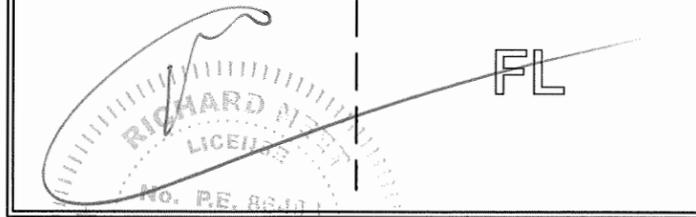
### MATERIAL:

- CURTAIN:** 22 GAUGE GALVANIZED STEEL SHEET ROLL FORMED 2-3/4" FLAT SLAT SECTIONS.  
*FINISH: STANDARD.*
- HOOD:** 24 GAUGE GALVANIZED STEEL SHEET FORMED TO FIT BRACKETS  
*FINISH: STANDARD.*
- GUIDES:** DESIGNED USING A-36 STRUCTURAL STEEL ANGLES, 1/2" STOCK FOR WINDBAR.  
*FINISH: STANDARD.*
- BOTTOM BAR:** TWO ANGLES WHICH EXTENDS INTO GUIDES, EQUIPPED WITH VINYL WEATHER-STRIPPING.  
*FINISH: STANDARD.*

SHEET INDEX	
# SHEET	DESCRIPTION
1	COVER SHEET
2-3	COIL SIDE ELEV/SECTION VIEWS
3	SLIDE LOCK & WINDLOCK/ENLOCK VIEWS
4	GUIDE SECTION, CURTAIN & BOTTOM BAR VIEWS
5	REACTION FORCES SCHEDULE NOTES & MOUNT DETAILS
6	REACTION FORCES SCHEDULE

RICHARD NEET, P.E.  
PE# 86488 CA# 9885

OCTOBER 31, 2023



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

NOA-No. 23-1024.02

Expiration Date 12/11/2028

By Ishag I. Chank  
Miami-Dade Product Control

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**ALPINE OVERHEAD DOORS, INC.**  
8 HULSE ROAD  
EAST SETAUKET, NEW YORK 11733  
(631) 473-9300

REDI-STORM 16 STEEL ROLLING DOOR  
LARGE/SMALL MISSILE IMPACT RESISTANCE  
FLORIDA BUILDING CODE 8TH ED. (2023)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	MRT	RWN	09/15/23
TECHNICAL CHANGES	MRT	RWN	10/23/23

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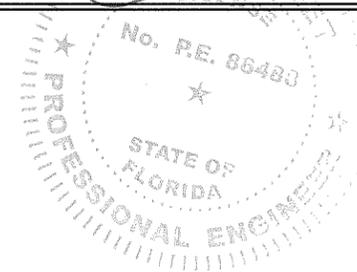
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PE# 86488 CA# 9885

OCTOBER 31, 2023

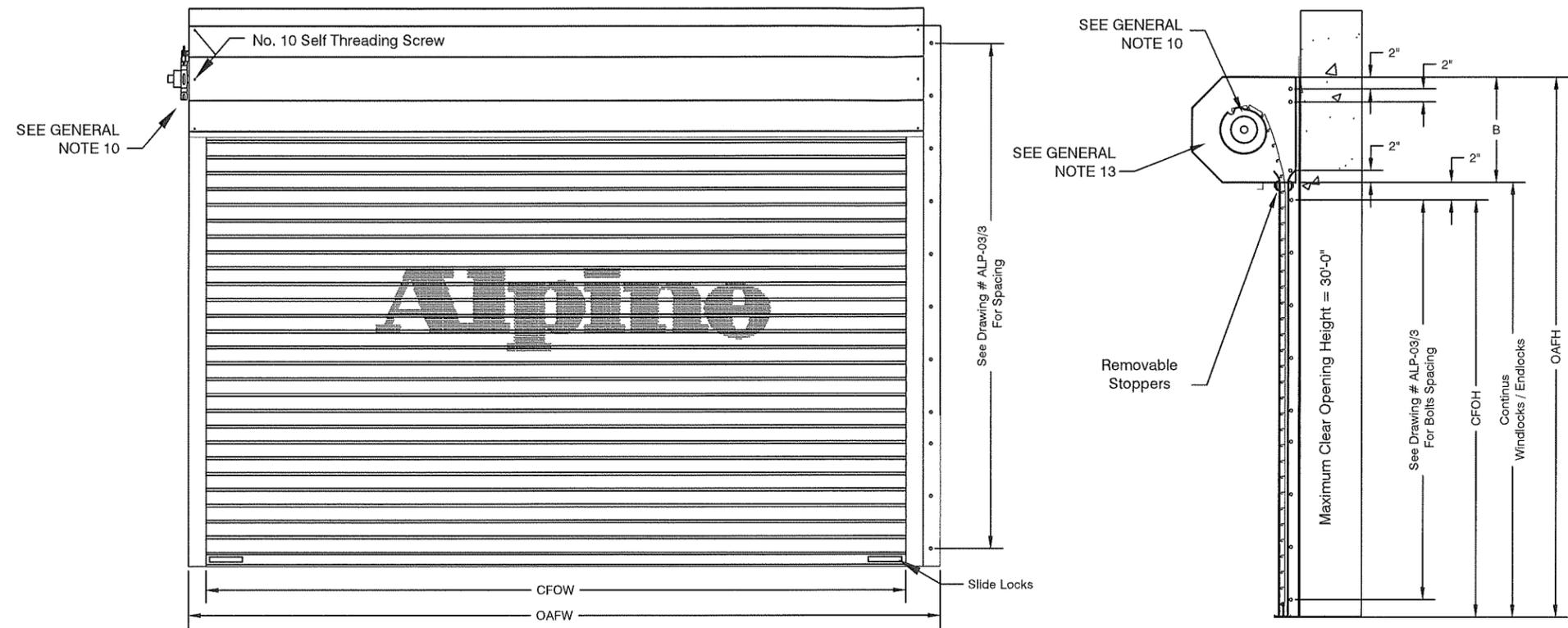
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COIL SIDE ELEVATION						VERTICAL SECTION						
QTY	MK	CLEAR FRAME OPENING		OVERALL FRAME		FRAME OPENING		B BRACKET	G GUIDE	GD GUIDE DEPTH	OPERATION	DRIVE
		CFOW WIDTH	CFOH HEIGHT	OAFW WIDTH	OAFH HEIGHT	FOW WIDTH	FOH HEIGHT					
1		16'-0"	10'-0"	16'-6 3/4"	11'-6"	16'-0"	10'-0"	16"	3"	4 1/2"	Manual	
				(E Mount)								

1 COIL SIDE ELEVATION/SECTION  
2 NOT TO SCALE ELEVATION/SECTION VIEW

**PRODUCT RENEWED**  
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NOA-No. 23-1024.02  
Expiration Date 12/11/2028  
By Ishag I. Chande  
Miami-Dade Product Control

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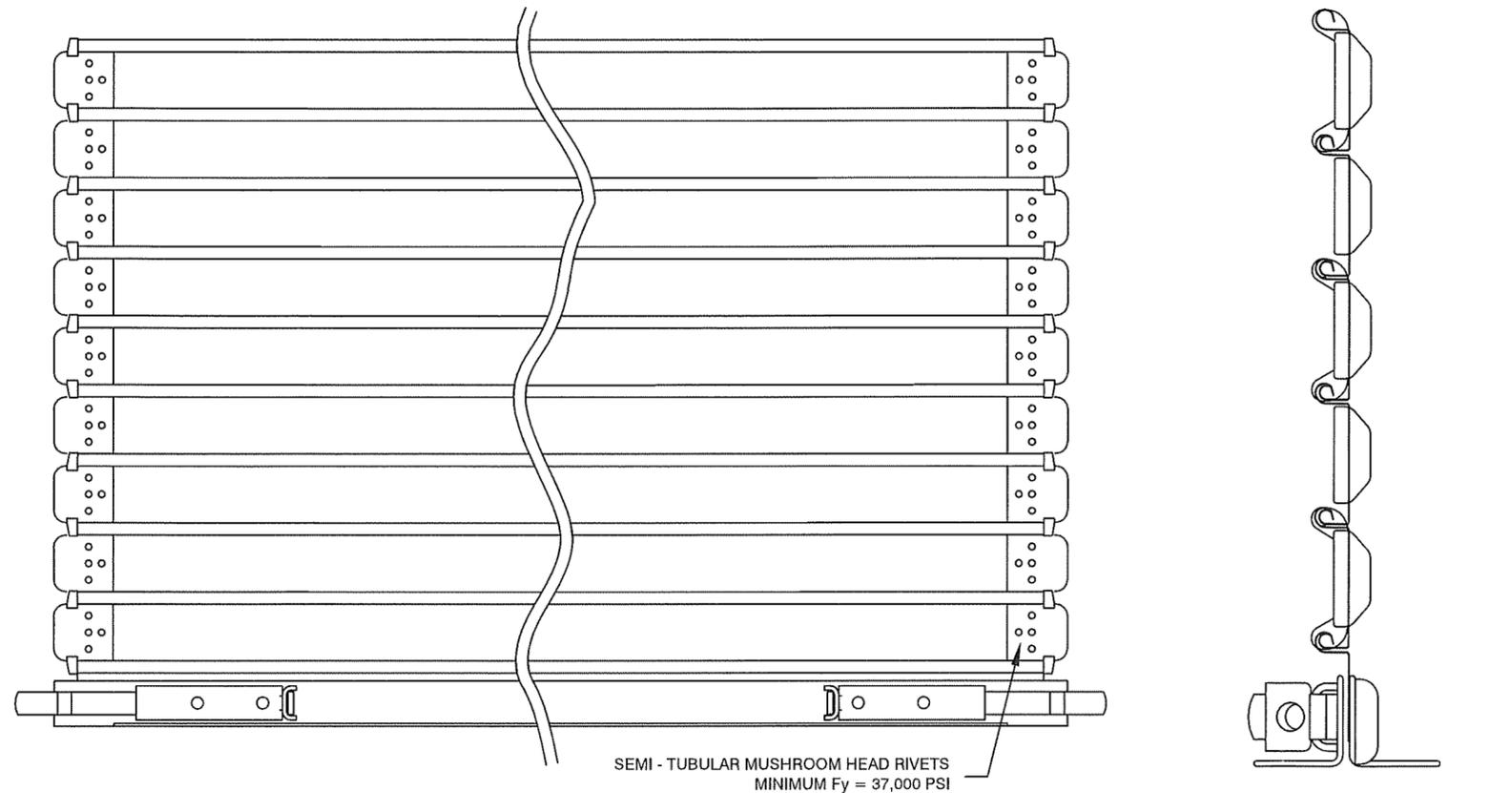
**ALPINE OVERHEAD DOORS, INC.**  
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EAST SETAUKET, NEW YORK 11733  
(631) 473-9300  
REDI-STORM 16 STEEL ROLLING DOOR  
LARGE/SMALL MISSILE IMPACT RESISTANCE  
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REMARKS	DRWN	CHKD	DATE
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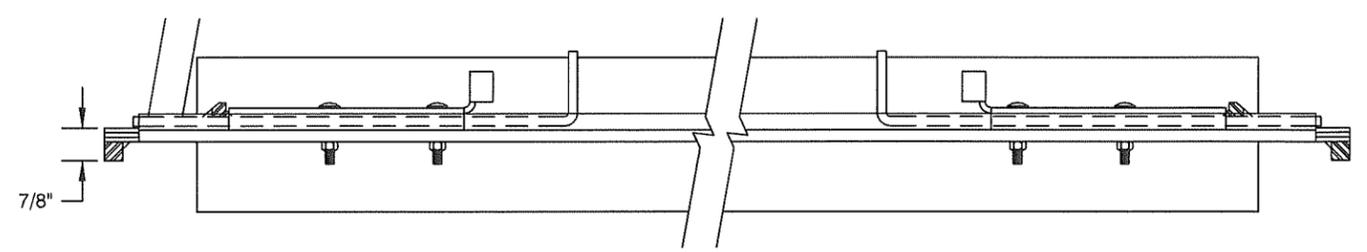


NUMBER OF SLATS TO ACCOMMODATE OPENING HEIGHT

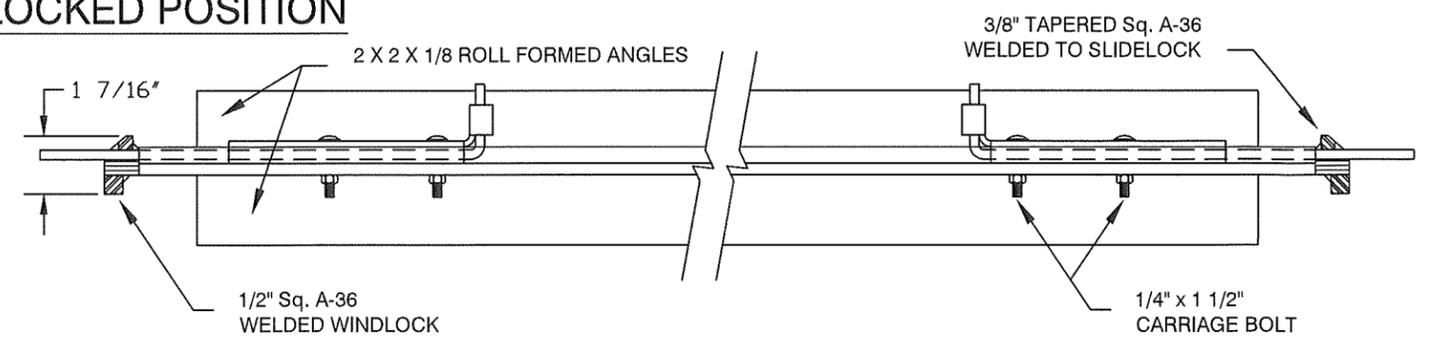
**COIL SIDE ELEVATION** | **VERTICAL SECTION**

**1** COIL SIDE ELEVATION/SECTION  
**3** NOT TO SCALE ELEVATION/SECTION VIEW

**UNLOCKED POSITION**



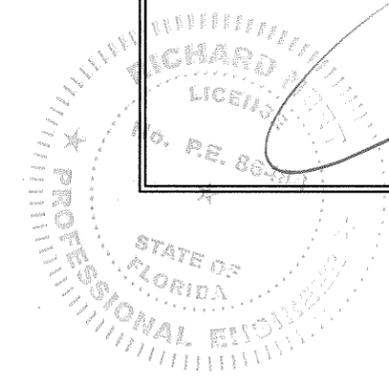
**LOCKED POSITION**



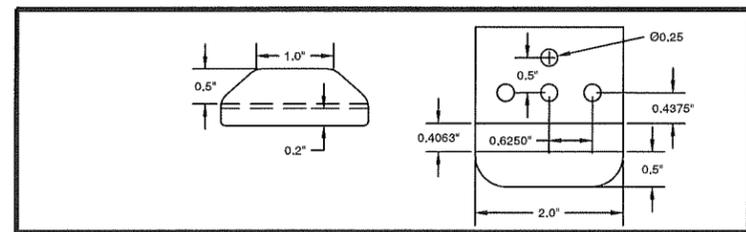
**2** SLIDE LOCK  
**3** NOT TO SCALE SECTION VIEW

RICHARD NEET, P.E.  
 PE# 86488 CA# 9885

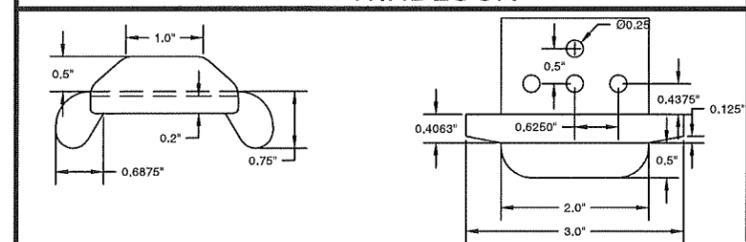
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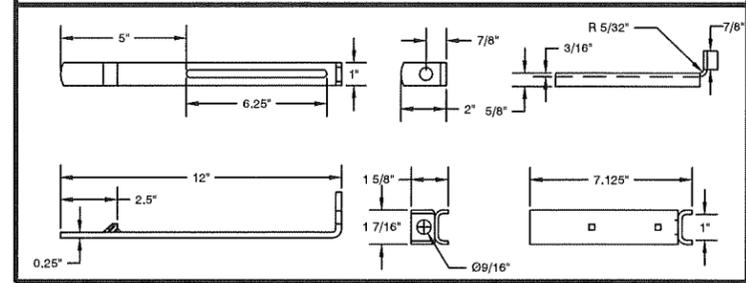
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**WINDLOCK**



**WINDLOCK / ENDLOCK**



**3** WINDLOCK/ENDLOCK  
**3** NOT TO SCALE SECTION VIEW

**PRODUCT RENEWED**  
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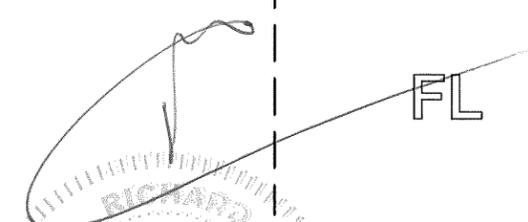
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RICHARD NEET, P.E.  
PE# 86488 CA# 9885

OCTOBER 31, 2023




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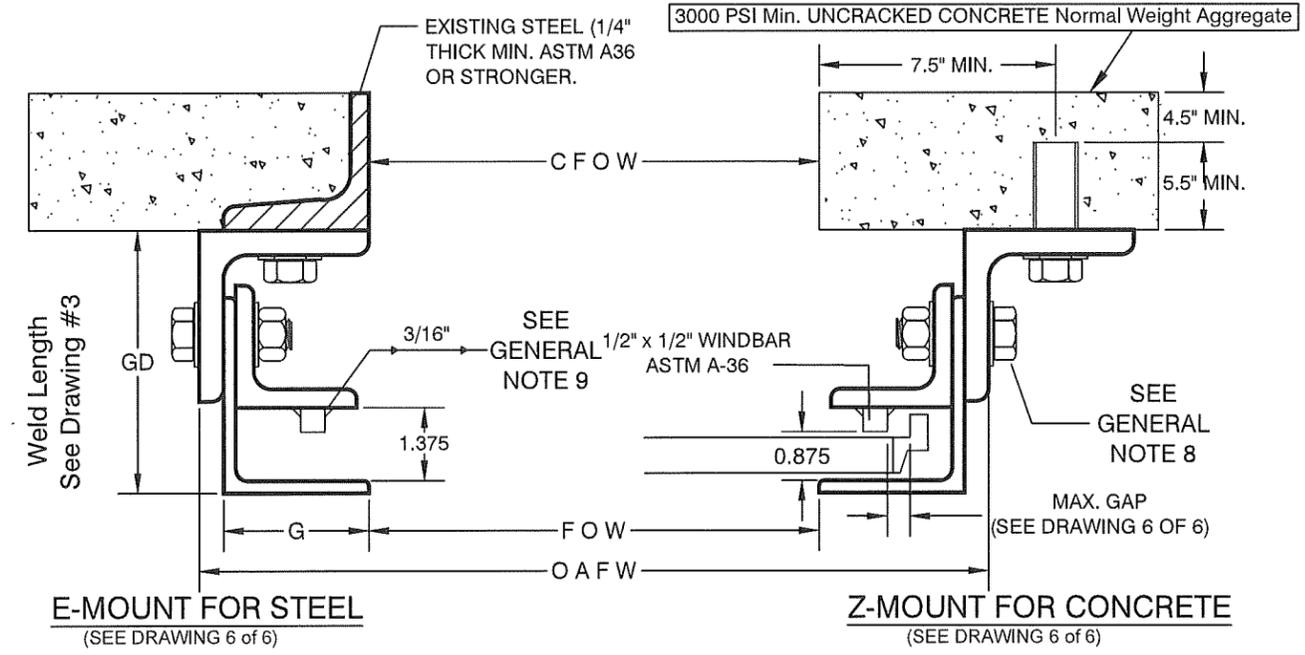
23-63717

SCALE: NTS UNLESS NOTED

04 OF 6

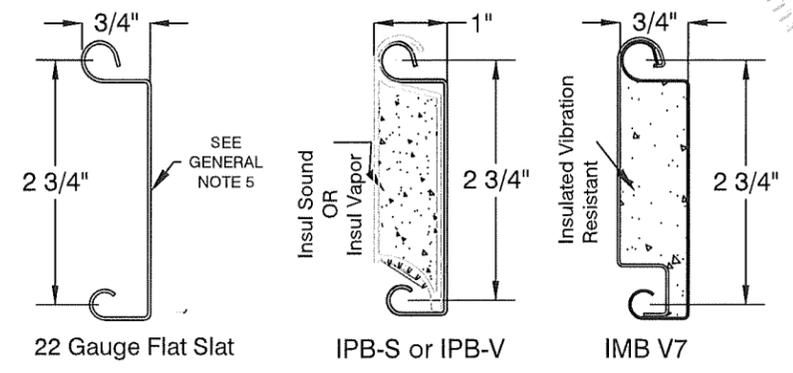
PROVIDE SIMPSON STRONG-TIE AT-XP® HIGH-STRENGTH ACRYLIC ADHESIVE W/ ASTM A193 GR. B7 ANCHOR. MINIMUM EMBEDMENT & EDGE DISTANCE AS SHOWN HEREIN. ANCHOR DIAMETER PER ANCHOR SCHEDULE.

3000 PSI Min. UNCRACKED CONCRETE Normal Weight Aggregate

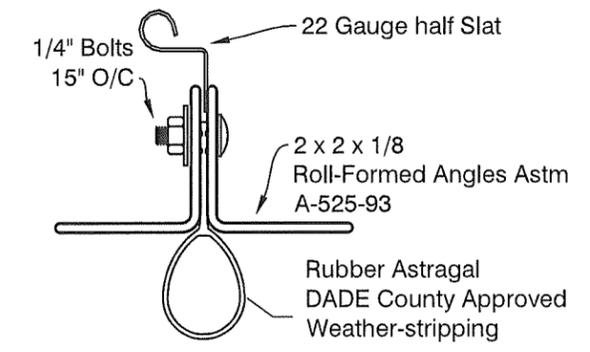


**1** GUIDE SECTION  
**4** NOT TO SCALE SECTION VIEW

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
NOA-No. 23-1024.02  
Expiration Date 12/11/2028  
By Ishag I. Chanda  
Miami-Dade Product Control



**2** CURTAIN  
**4** NOT TO SCALE VIEW



**3** BOTTOM BAR  
**4** NOT TO SCALE VIEW



