



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: 12' Wide Roll-Up Door**

**APPROVAL DOCUMENT:** Drawing No. ALP2, dated 03/21/96, with last revision on November 2007, titled "REDISTORM12", sheets 1 through 3 of 3, prepared by Alpine Overhead Doors, Inc. signed and sealed by F. P. Degiovanni PE. on 11/29/07, 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 Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", unless otherwise noted herein.

**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 05-1129.01** and, consists of this page, evidence page E1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



**NOA No 07-1026.03  
Expiration Date: August 29, 2008  
Approval Date: December 27, 2007  
Page 1**

**Alpine Overhead Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A. DRAWINGS**

Drawing No. ALP2, dated 03/21/96, with last revision on November 2007, titled "REDISTORM12", sheets 1 through 3 of 3, prepared by Alpine Overhead Doors, Inc. signed and sealed by F. P. Degiovanni PE. on 11/29/07.

**B. TESTS**

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on a "Steel Rolling Garage Door", prepared by Architectural Testing, Inc., report No. ATI-16800, dated 04/10/96, signed and sealed by A. N. Reeves, PE.
2. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test on a "Steel; Rolling Garage Door", prepared by Architectural Testing Inc., report No. 01-31478.01, dated 03/05/99, signed and sealed by A. N. Reeves, PE.

**C. CALCULATIONS**

1. Calculations prepared by Alpine Overhead Doors, Inc., dated 03/29/96, sheets 1 through 4, signed and sealed by F. Costanzo, PE. on 04/02/96.
2. Calculations prepared by Alpine Overhead Doors, Inc., dated 11/07/05, sheets 1 through 5, signed and sealed by F. P. Degiovanni, PE. on 11/22/05.

**D. QUALITY ASSURANCE**

1. Building Code Compliance Office.

**E. STATEMENTS**

1. Letter issued by Alpine Overhead Doors, Inc. on 10/24/07, signed by Charles W. Hannon
2. Protocol compliance statement issued by Architectural Testing, Inc., on 03/09/99, signed and sealed by A. N. Reeves, PE.
3. Code Compliance letter signed and sealed by F. Paul Giovanni, PE on 11/29/07.

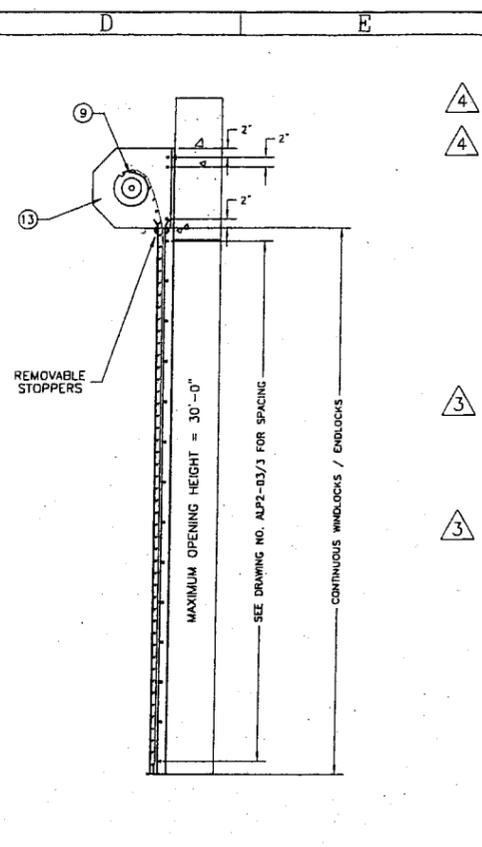
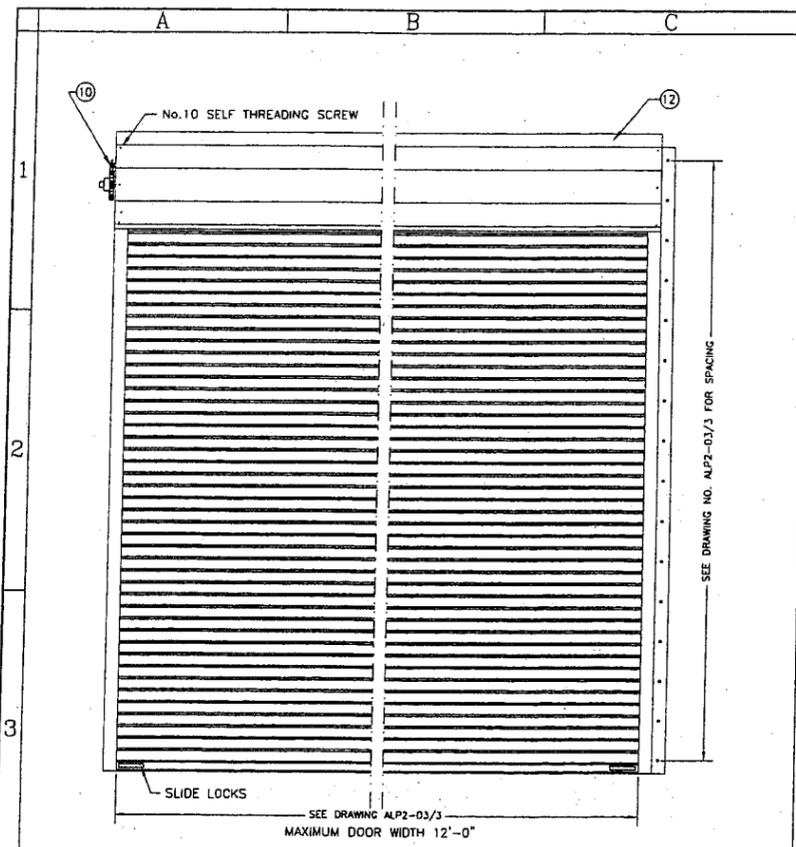
**F. OTHER**

1. Underwriters Laboratories, Inc. report No. R12035 per ASTM E84, of Foam Plastic dated 06/10/91 and signed by A. Barham.
2. Test report of Ignition properties on Plastics Foam, test per ASTM D1929, by U.S. Testing Company, Inc. Report No. 185358, dated 03/15/91 and signed by M.S. Elliot.
3. NOA # 05-1129.01



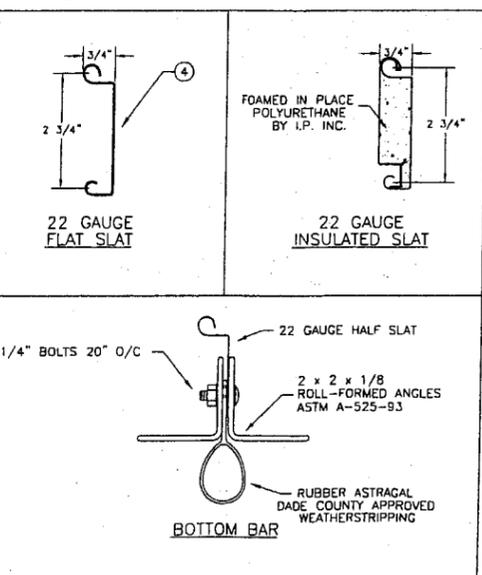
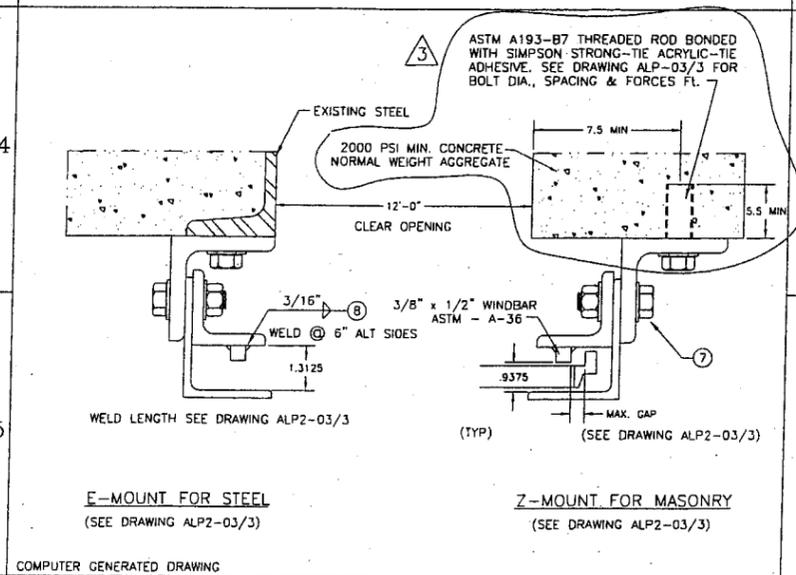
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**Mohammed Iqbal Shaikh, P.E.**  
**Senior Building Code Compliance Specialist**  
**NOA No 07-1026.01**  
**Expiration Date: August 29, 2008**  
**Approval Date: December 27, 2007**



**GENERAL NOTES**

1. THIS DOOR WAS DESIGNED ACCORDING TO THE 2004 EDITION OF THE FLORIDA BUILDING CODE AND 2005 AND 2006 SUPPLEMENT.
2. CALCULATIONS ON POSITIVE AND NEGATIVE DESIGN PRESSURE ARE PERFORMED IN ACCORDANCE WITH ASCE 7-02 (MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES)
3. THE DETAILS AND SPECIFICATIONS SHOWN WITHIN THESE SET OF DRAWINGS REPRESENT THE PRODUCTS TESTED FOR IMPACT, CYCLIC AND STATIC AIR PRESSURE ACCORDING TO DADE COUNTY PROTOCOLS PA 201, 202, AND 203 AT BASE DESIGN LOADS OF 60 PSF POSITIVE AND NEGATIVE.
4. SLATS TO BE ASTM A-446 GRADE C WITH G-90 GALVANIZING OR STAINLESS STEEL WITH MINIMUM Fy = 40 KSI
5. ALL STEEL ANGLES AND WINDBAR TO BE SHOP PRIMED.
6. WINDLOCKS TO BE DUCTILE IRON WITH MINIMUM Fy = 42 KSI
7. ALL ASSEMBLY BOLTS TO BE ASTM - A 449 / SAE GRADE 5 OR STAINLESS STEEL-304. THREADS ARE INCLUDED IN THE SHEAR PLANE.
8. ALL WELDING TO BE IN ACCORDANCE WITH AWS LATEST EDITION AND SOUTH FLORIDA BUILDING CODE. WELDING TO BE DONE BY CERTIFIED WELDERS USING 70XX ELECTRODES
9. SPRING COUNTERBALANCE TO BE HOUSED IN A STEEL PIPE OF DIAMETER AND WALL THICKNESS TO RESTRICT MAXIMUM DEFLECTION OF 0.03" PER FOOT OF DOOR WIDTH. ROLL-UP MECHANISM NOT PART OF THIS APPROVAL MUST BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
10. CHARGE WHEEL FOR APPLYING SPRING TORQUE FOR COUNTERBALANCE ASSEMBLY AND FUTURE ADJUSTMENTS
11. RIVETS FOR WINDLOCKS/ENDLOCKS ARE TO BE SEMI-TUBULAR 0.246/0.252 DIA. 0.437 MUSHROOM HEAD x 7/16", ASTM A-31.
12. HOOD IS TO BE 24 GAUGE ASTM - 525 WITH G-90 GALVANIZING
13. BRACKETS ARE STEEL PLATES NOT LESS THAN 1/4" THICK. BALL BEARING AT ROTATING SUPPORT POINTS. BOLTED TO MOUNTING ANGLE, SUPPORTS COUNTERBALANCE ASSEMBLY AND FORMS END ENCLOSURES. SIZED TO CONFORM SMOOTH OPERATION.



Design Pressure Rating  
+/- 60 PSF

PRODUCT REVIEWED  
in compliance with the Florida  
Building Code  
Acceptance No. 07-1026-03  
Expiration Date 08/29/2008  
By *M. Mark*  
Miami Dade Product Control  
Division

APPLICATION# 02-0507.03

**REDISTORM12**

F.P. DEGIOVANNI P.E.  
41 FLANDERS RD.  
MONTAUK, NY 11779  
FL LICENSE # 10111

No. 55673

STATE OF FLORIDA  
ORIGINAL ENGINEER

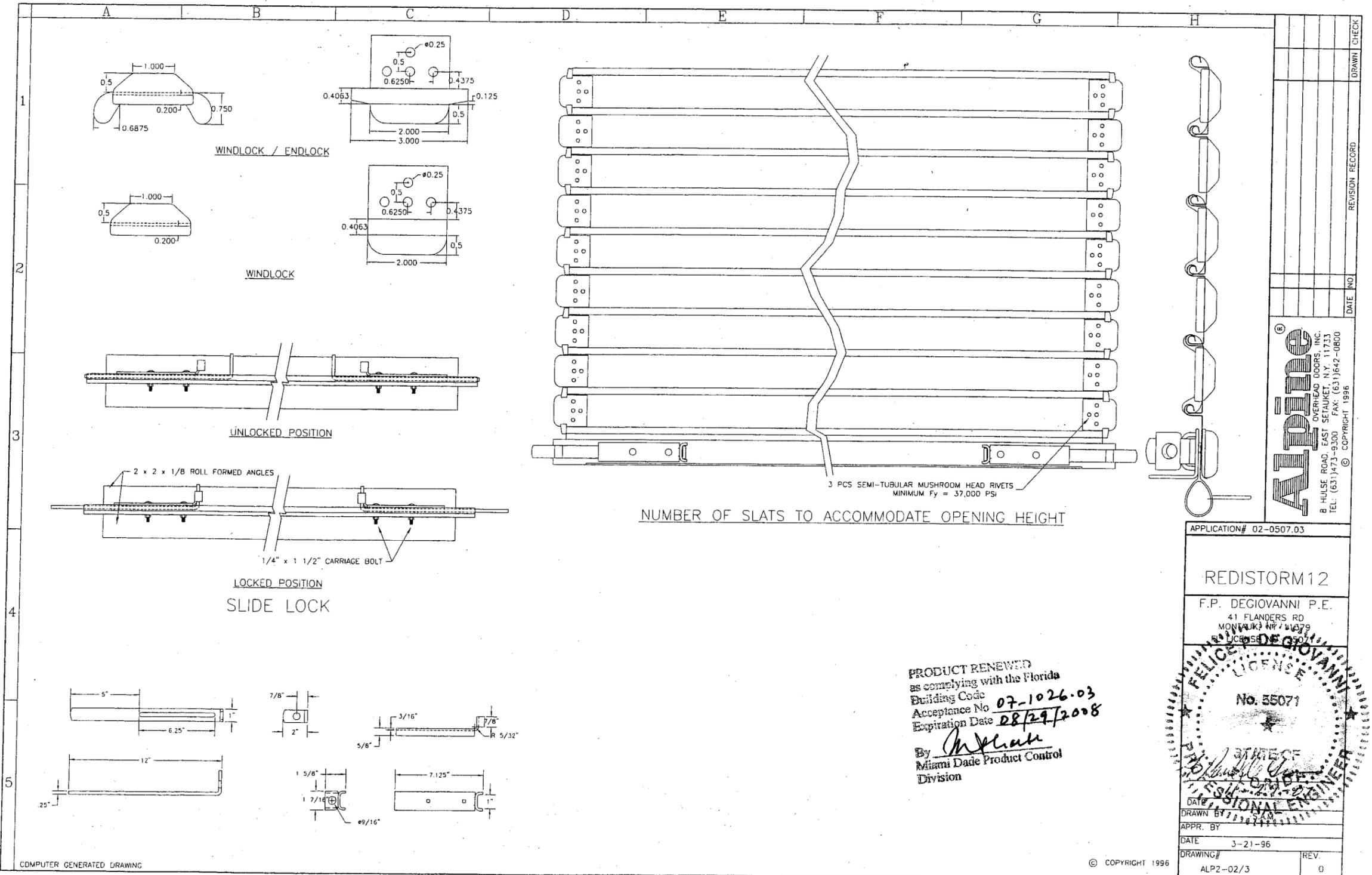
DATE: 08-29-2008

DRAWN BY: [Signature]  
APPR. BY: [Signature]  
DATE: 3-21-96

DRAWING# ALP2-01/3 REV. 3

DATE	NO.	REVISION RECORD	S.A.M.	DRAWN	CHECK
11/07	4	REVISED TO CONFORM FBC 2005 & 2006			
11/07	4	SUPPLEMENT & ASCE 7-02			
10/05	3	REVISED TO CONFORM TO 2004 FLB CODE			
8/11/02	2	ADDED CLARIFICATION NOTES			
7/19/96	1	ADDED NOTES TO GUIDE DETAIL			

**ALPINE**  
OVERHEAD DOORS, INC.  
B. HULSE ROAD, EAST SETAUKET, N.Y. 11733  
TEL: (631)473-9300 FAX: (631)642-0800  
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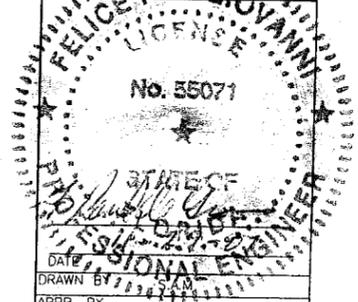


**Alpine**  
 OVERHEAD DOORS, INC.  
 8 HULSE ROAD, EAST SETAUKET, N.Y. 11733  
 TEL: (631)473-9300 FAX: (631)642-0800  
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APPLICATION# 02-0507.03

REDISTORM12

F.P. DEGIOVANNI P.E.  
 41 FLANDERS RD  
 MONTAUK NY 11769  
 LICENSE NO. 02-0507



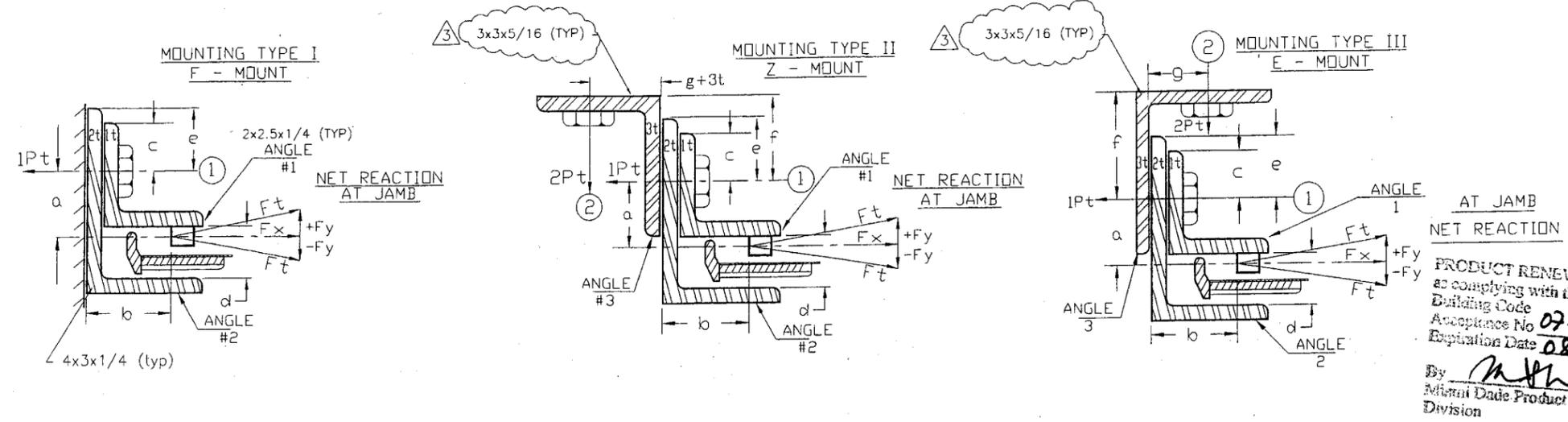
PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-1026.03  
 Expiration Date 08/29/2008  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

DATE  
 DRAWN BY  
 APPR. BY  
 DATE 3-21-96  
 DRAWING# ALP2-02/3  
 REV. 0

COMPUTER GENERATED DRAWING

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1. THE FOLLOWING CALCULATIONS ARE BASED ON ACTUAL TESTING RESULTS ON THE SLAT DEFLECTION CURVE ASSUMING THE SHAPE OF A CATENARY AS SOON AS THE WINDLOCKS ENGAGE THE GUIDES. THE WINDLOCKS LIMIT THE SLAT DEFLECTION AND BENDING STRESS AND ARE DESIGNED TO ENGAGE THE GUIDES PRIOR TO THE SLATS ATTAINING MAXIMUM ALLOWABLE DEFLECTIONS AND BENDING STRESS WITHOUT RESTRAINTS
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR / OWNER TO VERIFY THAT THE STRUCTURE IS DESIGNED TO SUPPORT FORCES  $F_x$  AND  $F_y$  AT BOTH JAMBS
3. BOLTS TO BE AS PER ASTM 449 EXCEPT FOR MOUNTING TO CONCRETE JAMBS WHICH SHALL BE ASTM A193-B7 THREADED ROD WITH SIMPSON STRONG-TIE ACRYLIC-TIE ADHESIVE ANCHOR SYSTEM. SPECIAL INSPECTION REQUIRED FOR CONCRETE ANCHOR SYSTEMS.



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-1026-03  
 Expiration Date 08/29/2008  
 By *M. Shah*  
 Miami Dade Product Control  
 Division

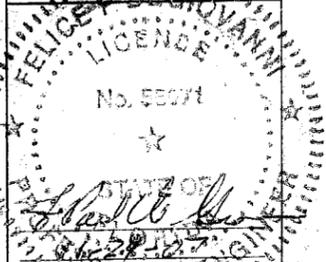
STEEL ANGLES TO BE ASTM A-36 DESIGNATION

F, E & Z TYPE FOR MOUNTING TO STEEL JAMBS SUITABLE TO ACCEPT FORCES $F_x$ , $F_y$																									
TYPE MOUNT	DOOR WIDTH	SLAT THK.	MOUNTING DIMENSIONS (SEE MOUNTING CONDITIONS)								MAX. GAP	D = BOLT DIA., S = SPACING (IN) Pt = BOLT TENSION FORCE, Pv = BOLT SHEAR FORCE								DEFL. IN.	W'BAR THK.	RIVETS NO./DIA.	WELD LEN.	NET REACT FORCE / FT	
			a	b	c	d	e	f	g	1D		1S	1Pt	1Pv	2D	2S	2Pt	2Pv	Fx					Fy	
																			Fx					Fy	
F	12'-0"	.030"	1.375	1.4375	0.875	1.375	0.875	1.25	N/A	0.25	.5	14	6658	341	N/A	N/A	N/A	N/A	5.33	.5x.375	3/.25	.75	2065	293	
Z	12'-0"	.030"	1.375	1.4375	0.875	1.375	0.875	1.5	2.000	0.25	.5	14	6658	341	.5	12	2526	2065	5.33	.5x.375	3/.25	.75	2065	293	
E	12'-0"	.030"	1.375	1.4375	0.875	1.375	0.875	1.25	1.375	0.25	.5	14	6658	341	.5	10	4002	1721	5.33	.5x.375	3/.25	.75	2065	293	
Zc TYPE FOR MOUNTING TO NORMAL WEIGHT CONCRETE JAMBS. $f_c = 2000\text{psi}$ MIN.																									
Zc	12'-0"	.030"	1.375	1.4375	0.875	1.375	0.875	1.5	2.000	0.25	.5	14	6658	341	.625	12	2526	2065	5.33	.5x.375	3/.25	.75	2065	293	

APPLICATION# 02-0507.03

REDISTORM12

F.P. DEGIOVANNI P.E.  
 41 FLANDERS RD  
 MONTAIGNEY, NJ 07079  
 LICENSE NO. 65071



DATE: 08/29/08  
 DRAWN BY: S.A.M.  
 APPR. BY: S.A.M.  
 DATE: 3-21-96  
 DRAWING# ALP2-03/3  
 REV. 3

10/05	3	REVISED TO CONFORM TO 2004 FLB	S.A.M.	
6/14/02	2	ADDED CLARIFICATION NOTES	S.A.M.	
7/18/96	1	RECORDED MOUNTING TYPES MORE SPECIFIC	S.A.M.	
		REVISION RECORD		
		DATE	NO.	CHECK