



MIAMI-DADE COUNTY
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)

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 10/05/05, titled "REDISTORM12", sheets 1 through 3 of 3, prepared by Alpine Overhead Doors, Inc. signed and sealed by F. P. Degiovanni PE, 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 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 **revises** NOA # **02-0507.03** and, consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



[Handwritten signature]
 06/29/06

NOA No 05-1129.01
Expiration Date: August 29, 2007
Approval Date: June 29, 2006
Page 1

Alpine Overhead Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No. ALP2, prepared by Alpine Overhead Doors, Inc, titled REDISTORM12 dated 03/21/96, with last revision on 10/05/05, sheets 1 through 3 of 3, signed and sealed by F. P. DeGiovanni, PE.

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. No change letter issued by Alpine Overhead Doors, Inc. on 03/19/99, signed by S. Magro.
2. Protocol compliance statement issued by Architectural Testing, Inc., on 03/09/99, signed and sealed by A. N. Reeves, PE.
3. No change letter issued by Alpine Overhead Doors, Inc. on 04/19/02, signed by S. Magro and P De Giovanni, PE.

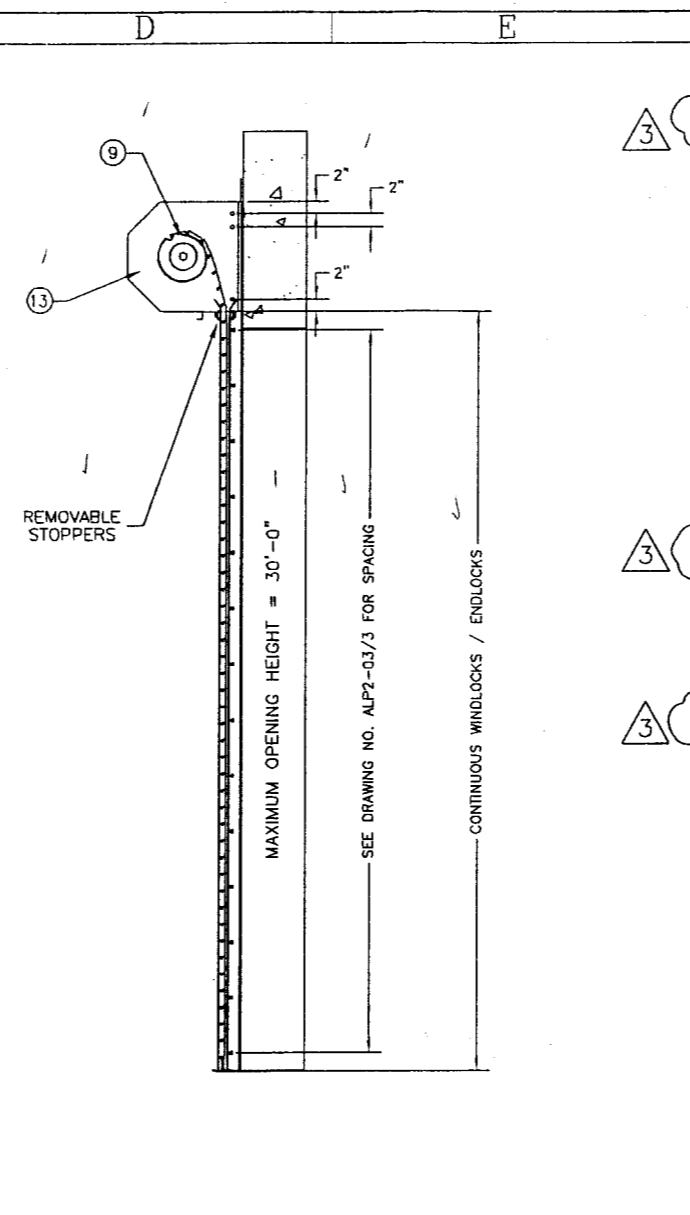
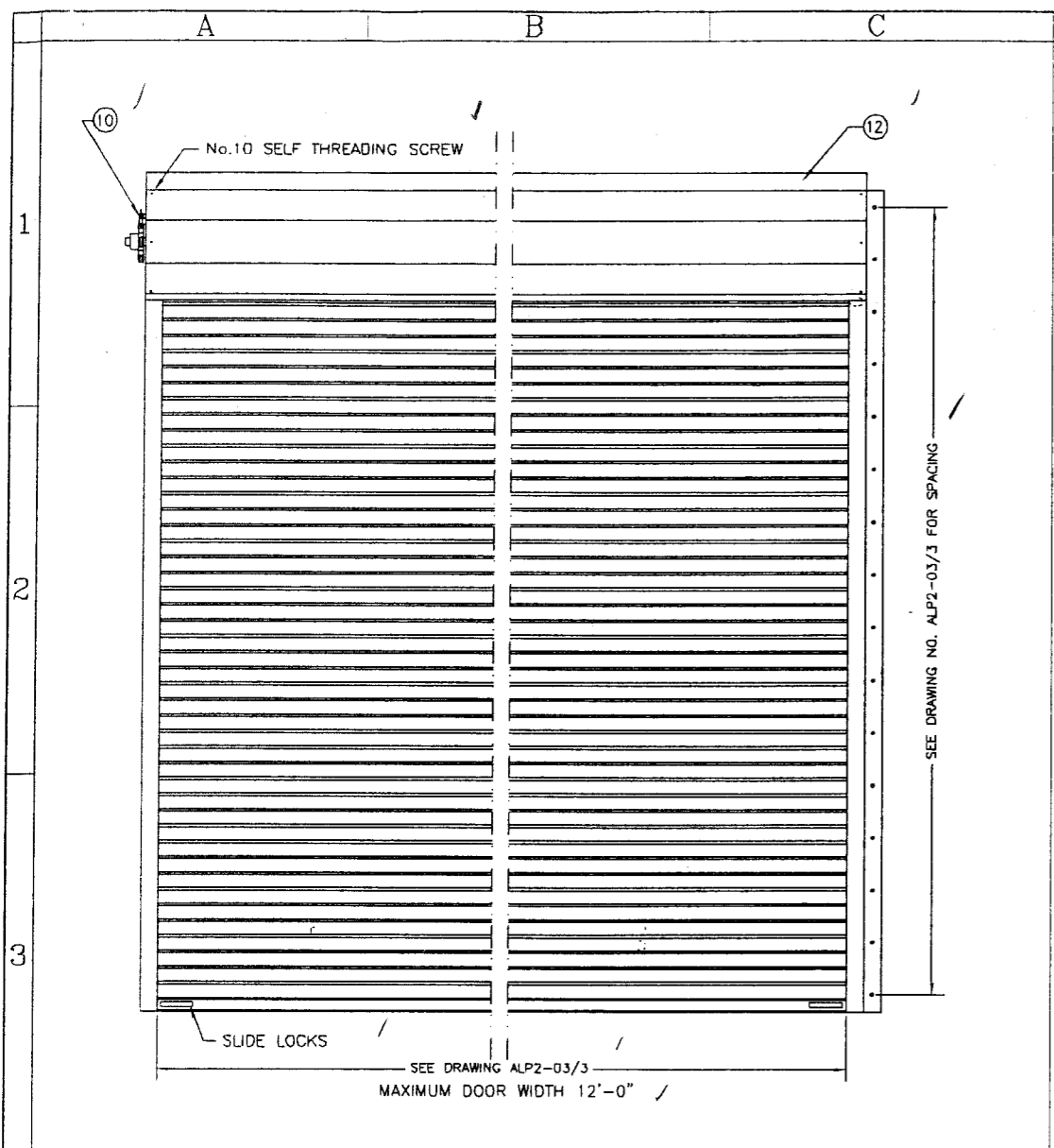
F. OTHER

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.

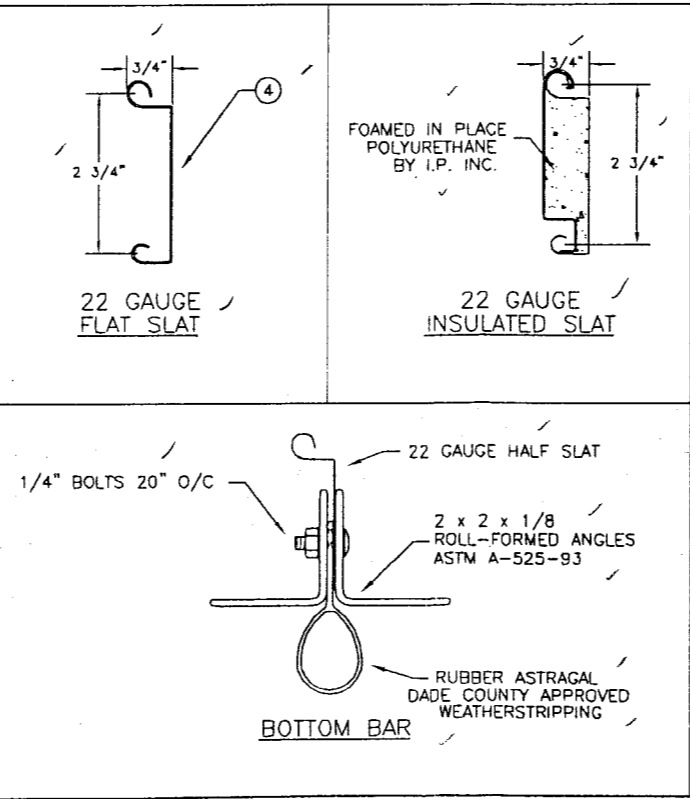
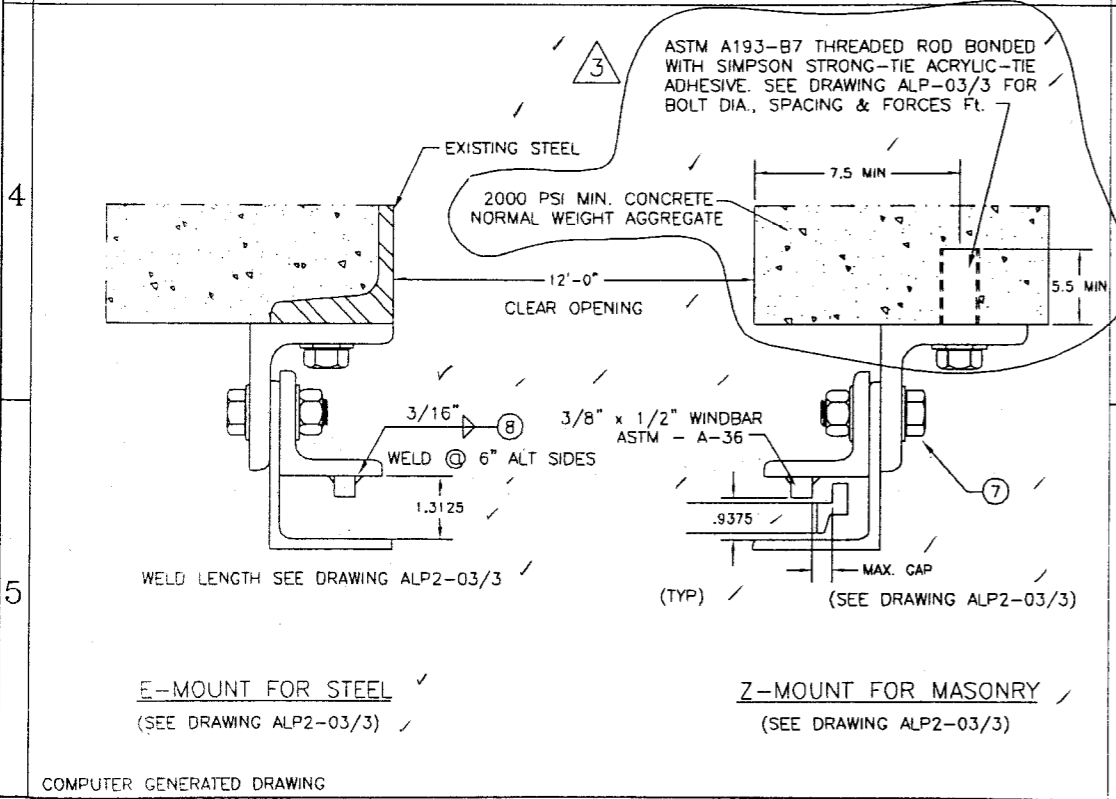


06/29/06

Candido F. Font PE
Senior Product Control Examiner
NOA No 05-1129.01
Expiration Date: August 29, 2007
Approval Date: June 29, 2006



- GENERAL NOTES**
- THIS DOOR WAS DESIGNED IN ACCORDANCE TO THE 2004 EDITION OF THE FLORIDA BUILDING CODE.
 - CALCULATIONS ON POSITIVE AND NEGATIVE DESIGN PRESSURE ARE PERFORMED IN ACCORDANCE WITH ASCE 7-88 (MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES)
 - 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.
 - SLATS TO BE ASTM A-446 GRADE C WITH G-90 GALVANIZING OR STAINLESS STEEL WITH MINIMUM $F_y = 40$ KSI
 - ALL STEEL ANGLES AND WINDBAR TO BE SHOP PRIMED.
 - WINDLOCKS TO BE DUCTILE IRON WITH MINIMUM $F_y = 42$ KSI
 - ALL ASSEMBLY BOLTS TO BE ASTM - A 449 / SAE GRADE 5 OR STAINLESS STEEL-304. THREADS ARE INCLUDED IN THE SHEAR PLANE.
 - 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
 - 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.
 - CHARGE WHEEL FOR APPLYING SPRING TORQUE FOR COUNTERBALANCE ASSEMBLY AND FUTURE ADJUSTMENTS
 - RIVETS FOR WINDLOCKS/ENDLOCKS ARE TO BE SEMI-TUBULAR 0.246/0.252 DIA. 0.437 MUSHROOM HEAD x 7/16", ASTM A-31.
 - HOOD IS TO BE 24 GAUGE ASTM - 525 WITH G-90 GALVANIZING
 - 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
Application No. 05-1129.01
Registered Professional Engineer
By: [Signature]
Division: [Signature]

APPLICATION# 02-0507.03

REDISTORM12

F.P. DEGIOVANNI P.E.
41 FLANDERS RD
MONTAUK, NY 11379
FL LICENSE NO. 55071

DATE: 5/15/2006

DRAWN BY: S.A.M.

APPR. BY: [Signature]

DATE: 3-21-96

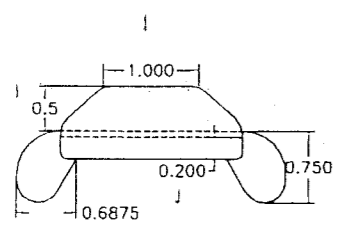
DRAWING# ALP2-01/3

REV. 3

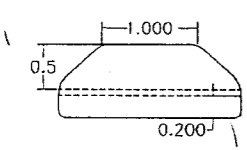
ALP
OVERHEAD DOORS, INC.
8 HULSE ROAD, EAST SETAUKET, N.Y. 11733
TEL: (631)473-9300 FAX: (631)642-0800
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DATE	NO	REVISION RECORD
10/05	3	REVISED TO CONFORM TO 2004 FLB CODE
6/14/02	2	ADDED CLARIFICATION NOTES
7/18/96	1	ADDED NOTES TO GUIDE DETAIL

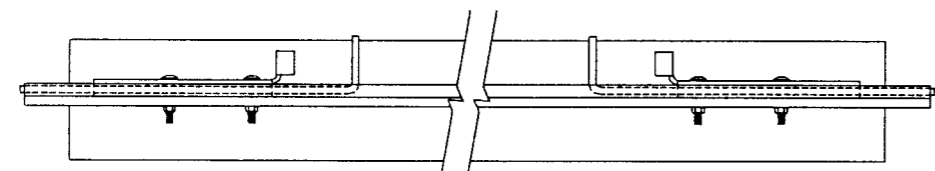
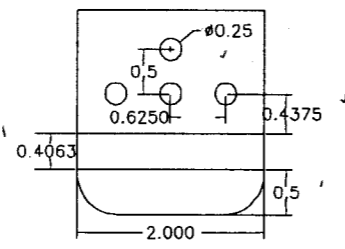
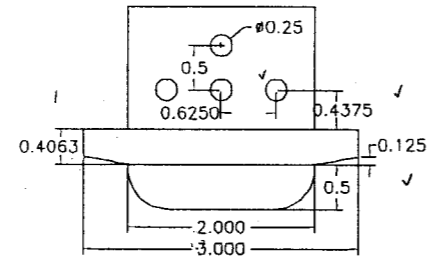
S.A.M. DRAWN
S.A.M. CHECK
S.A.M. DRAWN



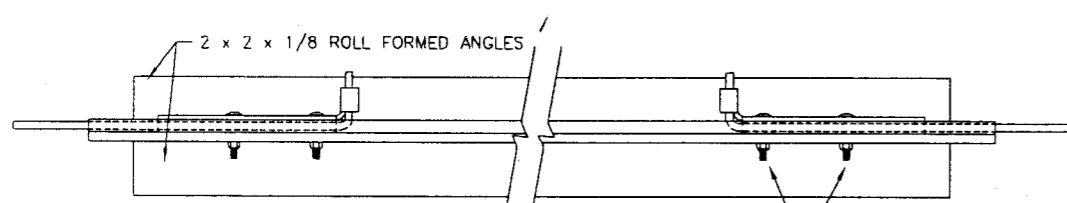
WINDLOCK / ENDLOCK



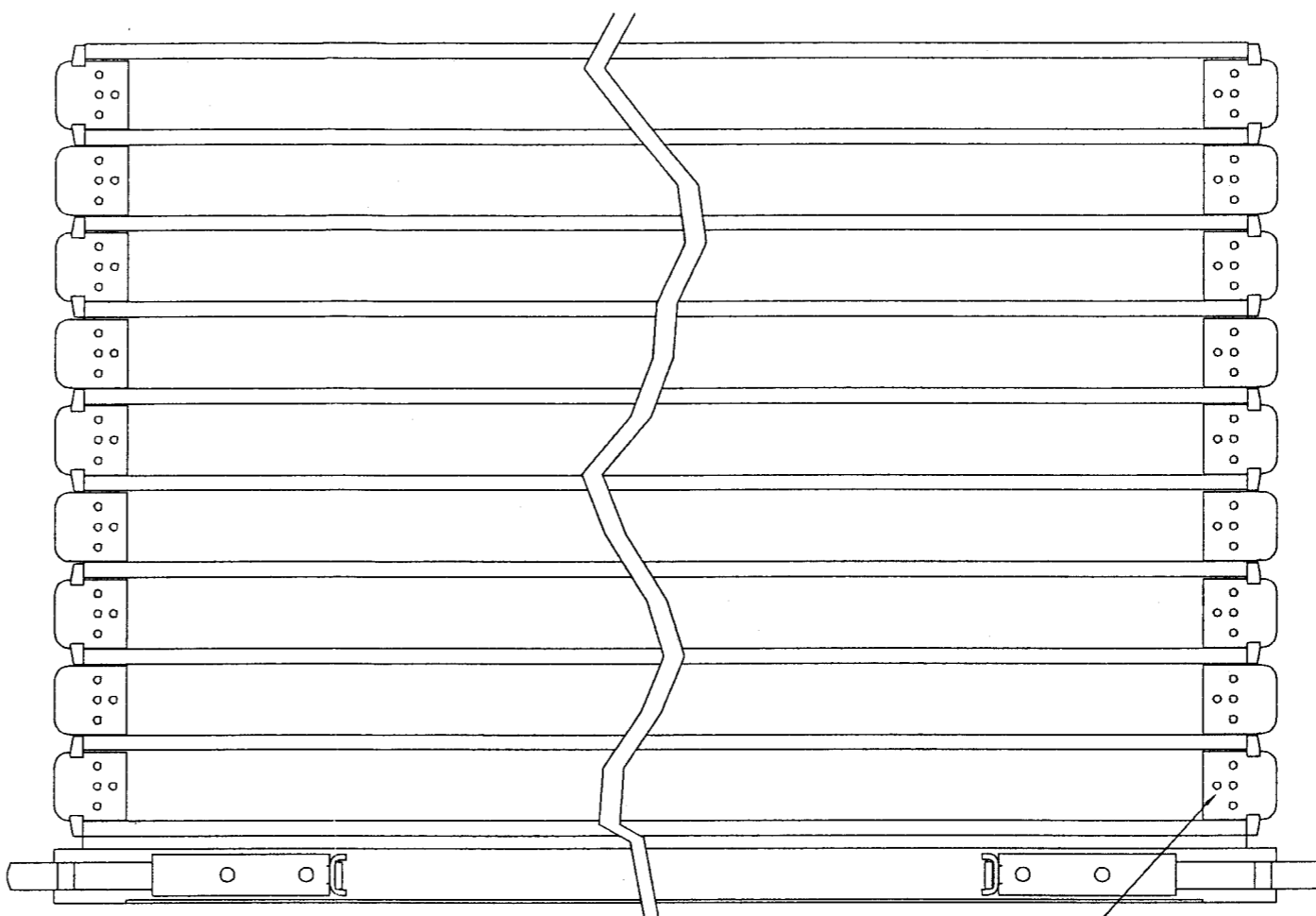
WINDLOCK



UNLOCKED POSITION

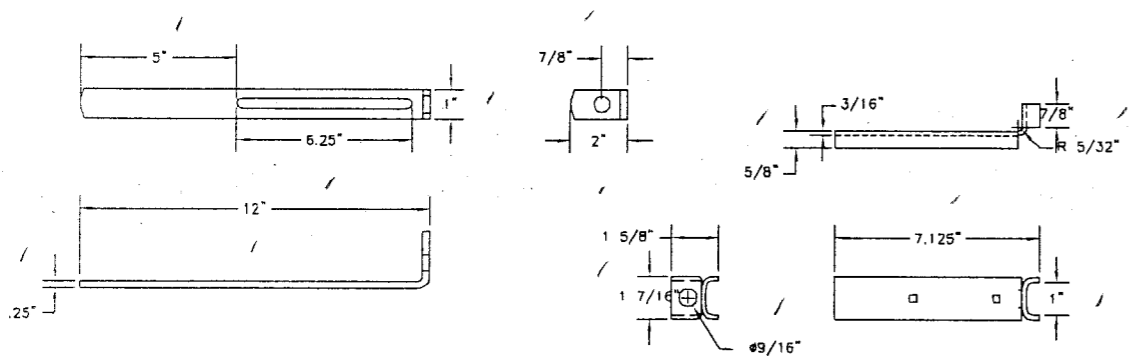
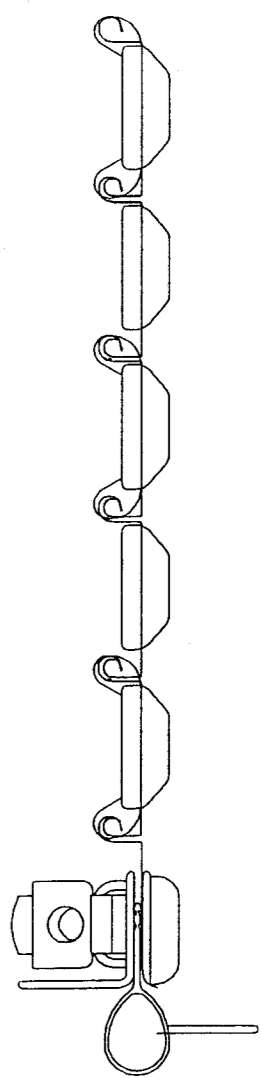


LOCKED POSITION
SLIDE LOCK



3 PCS SEMI-TUBULAR MUSHROOM HEAD RIVETS
MINIMUM Fy = 37,000 PSI

NUMBER OF SLATS TO ACCOMMODATE OPENING HEIGHT



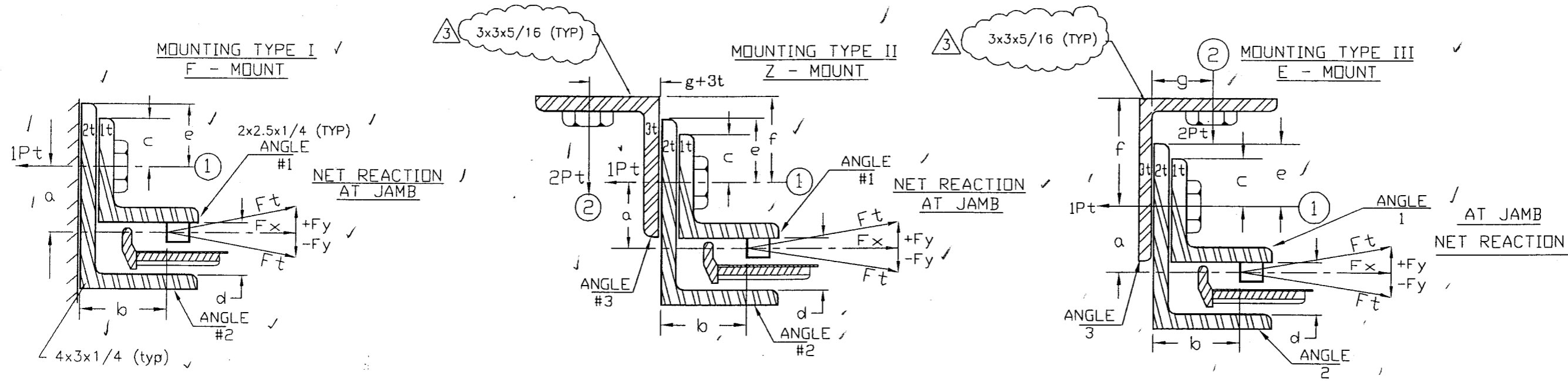
05-1129.01
06/29/07
By: [Signature]
Checked: [Signature]
Approved: [Signature]
Date: 5/15/2006

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 11379 FL LICENSE NO. 55071	
DATE	5/15/2006
DRAWN BY	S.A.M.
APPR. BY	[Signature]
DATE	3-21-96
DRAWING#	ALP2-02/3
REV.	0

DATE	NO.	REVISION RECORD	DRAWN	CHECK

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.



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
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. $f_c = 2000$ 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
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S.A.M.
 S.A.M.
 S.A.M.
 DRAWN CHECK
 10/05 3 REVISED TO CONFORM TO 2004 FLB
 6/14/02 2 ADDED CLARIFICATION NOTES
 7/18/96 1 RECORDED MOUNTING TYPES MORE SPECIFIC
 DATE NO. REVISION RECORD
ALP
 OVERHEAD DOORS, INC.
 8 HULSE ROAD, EAST SETAUKET, N.Y. 11733
 TEL: (631)473-9300 FAX: (631)842-0800
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APPLICATION# 02-0507.03
 REDISTORM12
 F.P. DEGIOVANNI P.E.
 41 FLANDERS RD
 MONTAUK, NY 11739
 FL LICENSE NO. 55071

Felice M. Degiovanni
 DATE 5/15/2006
 DRAWN BY S.A.M.
 APPR. BY
 DATE 3-21-96
 DRAWING# ALP2-03/3
 REV. 3

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 05-42901
 08/29/07
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