MIAMI-DADE

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 Engineered Products Inc.
1950 Marley Drive.
Haines City, FL 33844

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: Alpine Wave Truss Connector Plate

APPROVAL DOCUMENT: Drawing with No. WaveDade, titled "Alpine Wave Truss Plate ", sheets 1 of 1, prepared by Alpine Engineered Products Inc, dated 06/21/01 without revisions, signed and sealed by S. L. Lewis PE, 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: None

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 # 01-0404.09** and consists of this page, evidence page as well as approval document mentioned above.

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

07/27/06

PRODUCT CONTROL ACCEPTED

NOA No 06-0510.05
Expiration Date: May 14, 2007
Approval Date: July 27, 2006

Alpine Engineered Products Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A Drawings

1 Drawing prepared by Alpine Engineered Products, Inc. titled "Alpine Wade Truss Plate", Drawing No. WaveDade, sheet 1 of 1, dated 06/21/01, signed and sealed by S. L. Lewis, PE.

B Test

1 Test Report in accordance with ANSI/TPI-1995 prepared by ATC/ATEC, Project No. 58070.0001a, dated 03/12/97, consisting of 88 pages and tables, signed and sealed by P. G. Read, PE.

C Calculations

1 Calculations of Tooth Holding Design Values per TPI 1-1995 prepared by Alpine Engineered Products, Inc. on 03/20/97 and signed by S. L. Lewis, PE.

D Quality Assurance

1. Building Code Compliance Office.

E Statements

1 No Change Statement, prepared by Alpine Engineered Products, Inc. on 04/30/2001 signed and sealed by S. L. Lewis, PE.

2 One year approval offer letter, prepared by Product Control Section on 06/08/06, signed by Candido F. Font and accepted by S. L. Lewis.

07/27/06

Candido F. Font, PE
Senior Product Control Examiner
NOA No. 06-0510.05
Expiration Date: May 14, 2007
Approval Date: July 27, 2006

ALPINE WAVE TRUSS PLATE

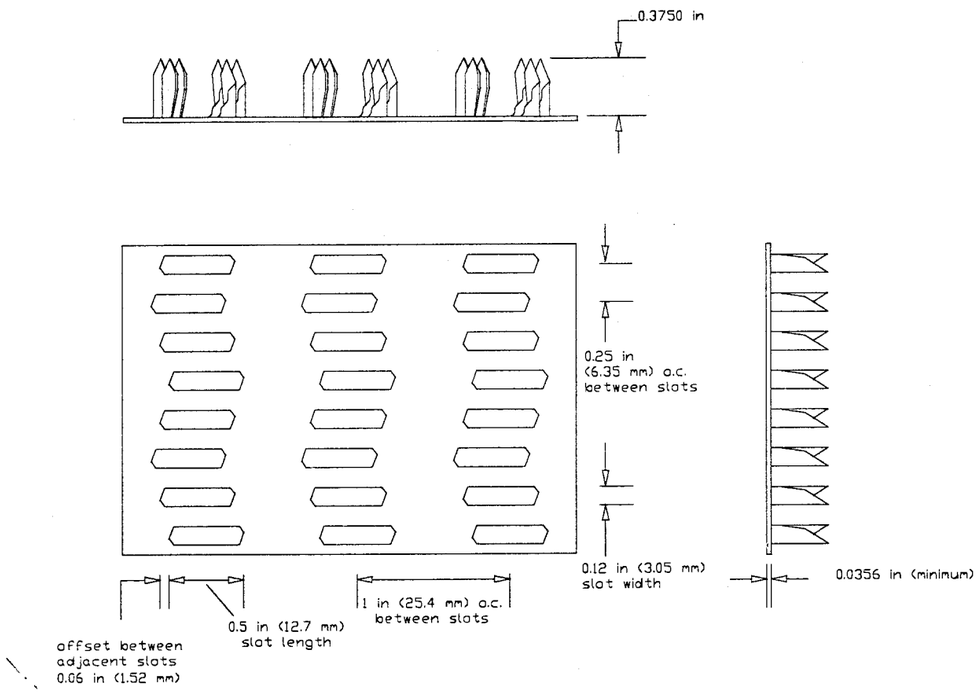

PLATE SHOWN ABOVE IS A 2X3 (2 IN X 3 IN).

TRUSS PLATE CHARACTERISTICS

Thickness:	0.0356 inches (20 gage)
Steel Grade:	ASTM A653-00 SS Grade 40
Coating:	G60 per ASTM A653-00
Teeth:	8 Teeth/sq. in.
Size:	Increments of 1" width and length
Other:	Slots are 0.12 in wide x 0.50 in long aligned parallel to the plate length and spaced 0.25 in o.c. across the width of the plate and 1.0 in o.c. along the length of the plate. Adjacent slots are staggered 0.06 inches along the length of the plate from each other in a double alternating pattern, as shown above.

LATERAL RESISTANCE

Allowable Loads in lb/sq.in. of plate for Southern Pine (0.55 S.G.)

Wood Width	Press Type	Direction of Grain & Load with Respect to Length of Plate			
		AA	EA	AE	EE
>2.0 in	Standard	236	188	150	159
	Roller	157	140	100	118
≤2.0 in	Standard	221	175	150	159
	Roller	147	130	100	118

Notes:
1. Design values are based on 0.5" end distance and 0" edge distance.
2. Standard values apply to hydraulic, pneumatic and multiple pass roller presses.
3. Roller values apply to single pass roller presses with 18" or greater diameter rollers.
4. Single pass rollers are based on Qr=0.644 at P0 (AA & AE) and Qr=0.744 at P90 (EA & EE) orientations.
5. Values for wood width <=2.0 in. must be used for plates embedded on faces of wood members that are equal to or less than 2" wide.

SHEAR LOAD EFFICIENCY

Direction of Load With Respect to Length of Plate	Shear Resistance Effectiveness Ratio
0 degrees	51.7%
30 degrees	73.4%
60 degrees	71.8%
90 degrees	49.0%
120 degrees	40.2%
150 degrees	57.3%

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUL 19 2001
BY
PRODUCT
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0404.09

TENSION LOAD EFFICIENCY

Parallel	Perpendicular
50.9%	47.8%

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 06-0510.05
Expiration Date 03/14/07
By
Miami Dade Product Control Division

STUART LEE LEWIS
CERTIFICATE NO. 45927
STATE OF FLORIDA
ENGINEER
6/21/01

MANUFACTURER:	Alpine Engineered Products, Inc. 1950 Marley Dr. Haines City, FL 33844 (ph# 863-422-8685)
TITLE:	Alpine Wave Truss Plate
DRAWING NUMBER: WaveDade	DRAWING DATE: 06/21/01
SHEET NUMBER: 1	REVISION DATE: original
FL-ENG:	Stuart L. Lewis, P.E. Number 45927