



**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)

**Truswal Systems Corporation.
1101 N. Great SW Parkway
Arlington, TX 76011**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: TW16 Metal Truss Connector Plate.

APPROVAL DOCUMENT: Drawing with No Number, titled "Truswal TW16 Connector Plate", sheets 1 of 1, prepared by Truswal Systems Corporation, with No date, signed and sealed by D. L. Scott, 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 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", 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 # 00-0614.10 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Candido F. Font PE.

Candido F. Font
4/7/3



**NOA No 03-0320.06
Expiration Date: April 10, 2008
Approval Date: May 1, 2003
Page 1**

TrusWal Systems Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A Drawings

- 1 Drawing prepared by Truswal Systems Corporation, titled " TW16 Truss Connector Plates", Drawing with no number, sheet 1 of 1, with no date, signed and sealed by D. L. Scott, PE. on 09/27/00.

B Test

- 1 Test Report in accordance with ANSI/TPI-1995 prepared by Maxim Technologies, Inc., Project No. 1103600990, dated 09/25/96, consisting of 4 pages and tables, signed and sealed by C. E. Vaughan, PE.

C Calculations

- 1 Calculations included in the raw data of the test report.

D Material Certification

- 1 Material Certification letter issued by Truswal Systems issued on 05/02/97 and signed by P. Deal.

E Statements

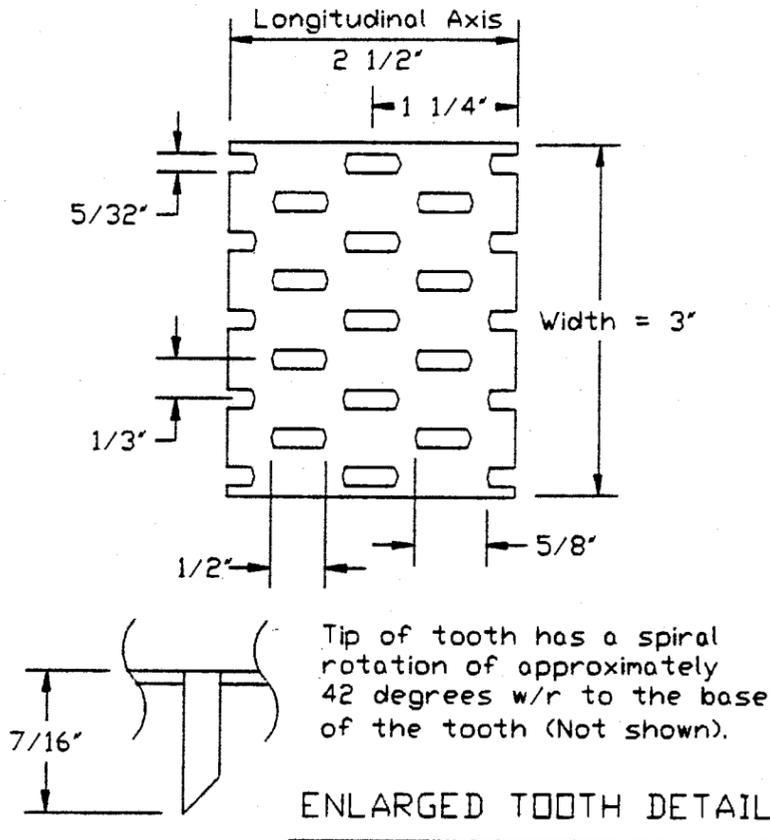
- 1 No Change Statement, prepared by Truswal Systems on 06/09/00 and signed by D. L. Scott, PE.
- 2 No change letter issued by Truswal Systems on 03/14/03 and signed by D. L. Scott, PE



Candido F. Font
Senior Product Control Examiner
NOA No 03-0320.06
Expiration Date: April 10, 2008
Approval Date: May 1, 2003

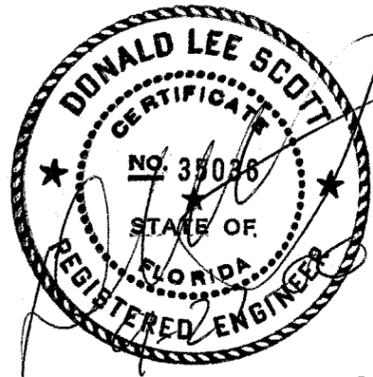
TRUSWAL TW 16 CONNECTOR PLATE

Stamped from Structural Grade galvanized steel (ASTM A653/ A653M)



MATERIAL CHARACTERISTICS

MODEL: TW 16
 THICKNESS: 16 GAGE
 MECHANICAL PROPERTIES: A653 SQ GRADE 37
 COATING: G60 OR BETTER PER ASTM A924
 TOOTH DENSITY: 4.8 TEETH PER SQ. IN.
 SIZES: 1" INCREMENTS OF WIDTH
 1 1/4" INCREMENTS OF LENGTH



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE October 26, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0614.10

| LATERAL RESISTANCE IN POUNDS PER SQUARE INCH OF PLATE CONTACT AREA | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|-----|-----|--|-----|----|----|--|-----|-----|-----|--|-----|----|----|--|--|--|--|--|--|--|--|
| DOUGLAS FIR | | | | HEM FIR | | | | SOUTHERN PINE | | | | SPRUCE-PINE-FIR OVEN DRY S.G. = 0.42 | | | | | | | | | | | |
| DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | | | | | | | | |
| AA | EA | AE | EE | AA | EA | AE | EE | AA | EA | AE | EE | AA | EA | AE | EE | | | | | | | | |
| 157 | 161 | 111 | 132 | 108 | 120 | 86 | 99 | 156 | 159 | 140 | 131 | 112 | 110 | 81 | 93 | | | | | | | | |
| TIMBER STRAND | | | | WESTERN WOODS | | | | LOAD DIRECTION CODES | | | | | | | | | | | | | | | |
| DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH | | | | FIRST DESIGNATOR - PLATE SLOT LENGTH | | | | | | | | | | | | | | | |
| AA | EA | AE | EE | AA | EA | AE | EE | SECOND DESIGNATOR - WOOD GRAIN DIRECTION | | | | | | | | | | | | | | | |
| 181 | 172 | 132 | 153 | 101 | 114 | 79 | 50 | 'E' INDICATES - LOAD PERPENDICULAR TO | | | | | | | | | | | | | | | |
| | | | | | | | | 'A' INDICATES - LOAD PARALLEL TO | | | | | | | | | | | | | | | |

| SHEAR LOAD EFFECTIVENESS RATIOS | | TENSILE LOAD EFFECTIVENESS RATIOS | |
|--|---|--|---|
| DIRECTION OF LOAD W/R TO PLATE LENGTH | SHEAR RESISTANCE EFFECTIVENESS RATIO | DIRECTION OF LOAD W/R TO PLATE LENGTH | TENSILE RESISTANCE EFFECTIVENESS RATIO |
| 0 DEGREES | 61% | PARALLEL | 72% |
| 30 DEGREES | 61% | | |
| 60 DEGREES | 81% | | |
| 90 DEGREES | 61% | PERPENDICULAR | 42% |
| 120 DEGREES | 53% | | |
| 150 DEGREES | 44% | | |

| ROLLER PRESS DESIGN VALUE ADJUSTMENT FACTOR, Q _R | | | |
|---|---------|-----------------|---------|
| DOUGLAS FIR | | SOUTHERN PINE | |
| ROLLER DIAMETER | | ROLLER DIAMETER | |
| 16 INCH | 20 INCH | 16 INCH | 20 INCH |
| 1.02 | 0.89 | 0.80 | 0.89 |

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0320.06
 Expiration Date 04/10/08
 By [Signature]
 Miami Dade Product Control
 Division

TRUSWAL SYSTEMS CORPORATION
 1101 N. GREAT SOUTHWEST PKY.
 ARLINGTON, TX 76011

TW16 TRUSS CONNECTOR PLATES

DONALD L. SCOTT, P.E., V.P. ENGINEERING, REG.# 35036