



**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: TW20 & TW18 Metal Truss Connector Plate.

APPROVAL DOCUMENT: Drawing with No Number, titled "Model TW20 & TW18 Truss Connector Plates", 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 # 00-0614.11 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candida F. Font PE.**

[Handwritten signature]
4/8/3



**NOA No 03-0320.07
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 "Model 20 and TW18 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.

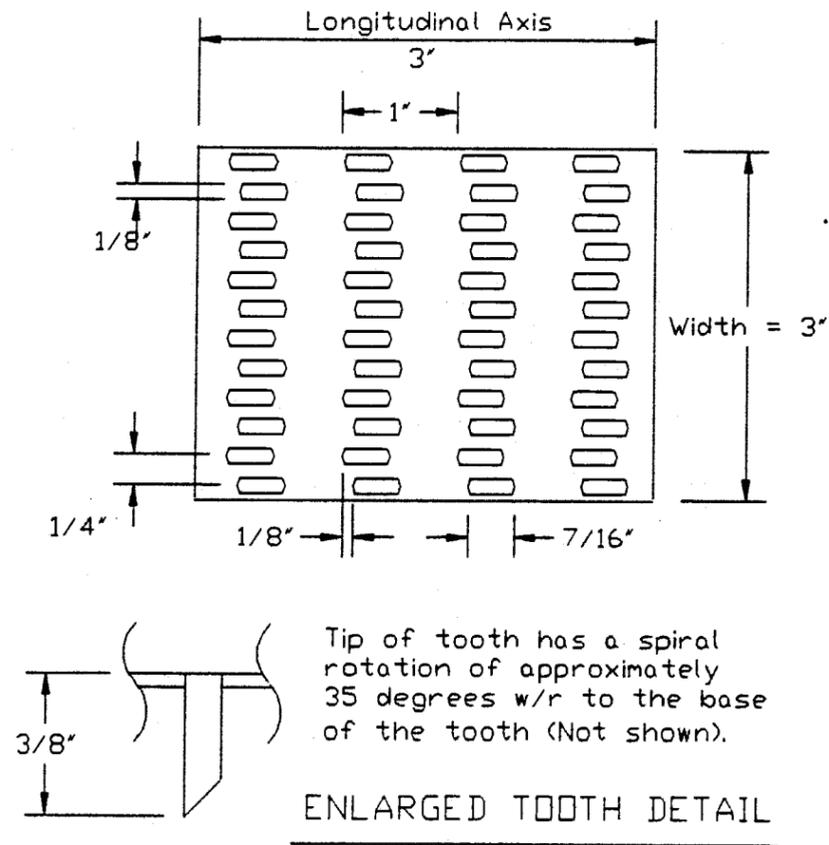
E Statements

- 1 No Product 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.



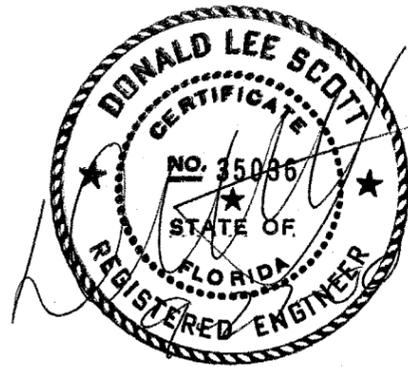
Candido F. Font
Senior Product Control Examiner
NOA No 03-0320.07
Expiration Date: April 10, 2008
Approval Date: May 1, 2003

TRUSWAL MODEL 20 AND TW 18 CONNECTOR PLATE
 Stamped from Structural Grade galvanized steel (ASTM A653/ A653M)



MATERIAL CHARACTERISTICS

MODEL: MODEL 20 and TW 18
 THICKNESS: 20 GAGE and 18 GAGE
 MECHANICAL PROPERTIES: A653 SQ GRADE 37
 COATING: G60 OR BETTER PER ASTM A924
 TOOTH DENSITY: 8 TEETH PER SQ. IN.
 SIZES: 1' INCREMENTS OF WIDTH
 (PLUS 1.5", 2.5", & 3.5")
 1' 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. 00-0614.11

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
186	169	143	133	150	125	117	114	195	172	181	154	187	131	126	116
SPRUCE-PINE-FIR OVEN DRY S.G. = 0.50				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				DIRECTION OF LOAD W/R TO WOOD GRAIN AND PLATE LENGTH				FIRST DESIGNATOR - PLATE SLOT LENGTH			
AA	EA	AE	EE	AA	EA	AE	EE	AA	EA	AE	EE	SECOND DESIGNATOR - WOOD GRAIN DIRECTION			
189	163	159	142	198	178	181	166	130	116	105	101	'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	59%	PARALLEL	48%
30 DEGREES	64%		
60 DEGREES	73%		
90 DEGREES	43%	PERPENDICULAR	54%
120 DEGREES	47%		
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
0.92	0.99	0.76	0.94

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-032007
 Expiration Date 04/10/08
 By [Signature]
 Miami Dade Product Control
 Division

TRUSWAL SYSTEMS CORPORATION
 1101 N. GREAT SOUTHWEST PKY.
 ARLINGTON, TX 76011
 MODEL 20 and TW18 TRUSS CONNECTOR PLATES
 DONALD L. SCOTT, P.E., V.P. ENGINEERING, REG.# 35036