



**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)**

**United Steel Products Company.  
14305 South Cross Drive #200  
Burnsville, MN 55306**

**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. BCPRC 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: SGP Series and TAPL Series. Wood Connectors.**

**APPROVAL DOCUMENT:** Drawing No. **MD404**, titled "SGP Series (Girder Truss Straps) and TAPL Series (Lateral Truss Anchors)" sheet 1 and 2, dated 04/22/04 with (Revision #1), prepared by United Steel Products Company signed and sealed by R. W. Lutz, 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: 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 # **05-0701.03** and consists of this page, evidence page & approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon  
2/22/07*

**NOA No: 06-1026.07  
Expiration Date: January 11, 2008  
Approval Date: March 15, 2007  
Page 1**

**United Steel Products Company**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A DRAWINGS**

1. Drawings prepared by United Steel Products Company, titled "SGP Series (Girder Truss Strap) and TAPL Series (Lateral Truss Anchor)", Drawing No. MD0404, sheets No. 1 and 2, dated 04/22/04 with (Revision # 1), signed and sealed by R. W. Lutz, PE.

**B TEST (Submitted under NOA No. 05-0701.03)**

Test reports on wood connectors per ASTM D1761 by Product Testing Inc, signed and sealed by C. R. Caudel, PE.

	<b>Report No.</b>	<b>Wood Connector</b>	<b>Direction</b>	<b>Date</b>
1.	PT # 95-0386	SPG-3	Upward	10/20/95
2.	PT # 94-0153	TAPL-1416	Upward & Lateral	11/05/94
3.	PT # 95-0384	TAPL-16	Lateral	10/27/95
4.	PT # 95-971457	HSU-4016	Upward & Lateral	09/26/95

**C CALCULATIONS ((Submitted under NOA No. 05-0701.03)**

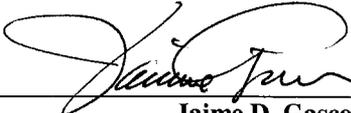
1. Report of Design Capacities of SPG 3 prepared by Semco on 10/95, sheet 1 and 2 signed and sealed by D. J. Kelley PE.
2. Report of Design Capacities of SPG 2 prepared by Semco on 05/95, sheet 1 signed and sealed by D. J. Kelley PE.
3. Report of Design Capacities of TAPL 16 prepared by Semco on 05/95, sheet 1 signed and sealed by D. J. Kelley PE.
4. Report of Design Capacities of TAPL 12 prepared by Semco on 10/95, sheet 1 signed and sealed by D. J. Kelley PE.
5. Report of Design Capacities of TAPL 14 prepared by USP Lumber Connectors sheets 1 through signed and sealed by D. J. Kelley PE.

**D QUALITY ASSURANCE**

1. Product Control Division

**E STATEMENTS**

1. No Change letter issue by USP Lumber Connector on 12/17/01 and signed by T.A. Kolden PE.
2. Merger documents issued by the State of Minnesota on 02/14/00 signed by the Secretary of State M. Kiffmeyer.
3. Purchase Agreement executed by Gibraltar Steel Corporation of NY and Trust of Southeastern Metals Manufacturing Co Inc dated 01/31/97.



**Jaime D. Gascon, P.E.**

**Chief, Product Control Division**

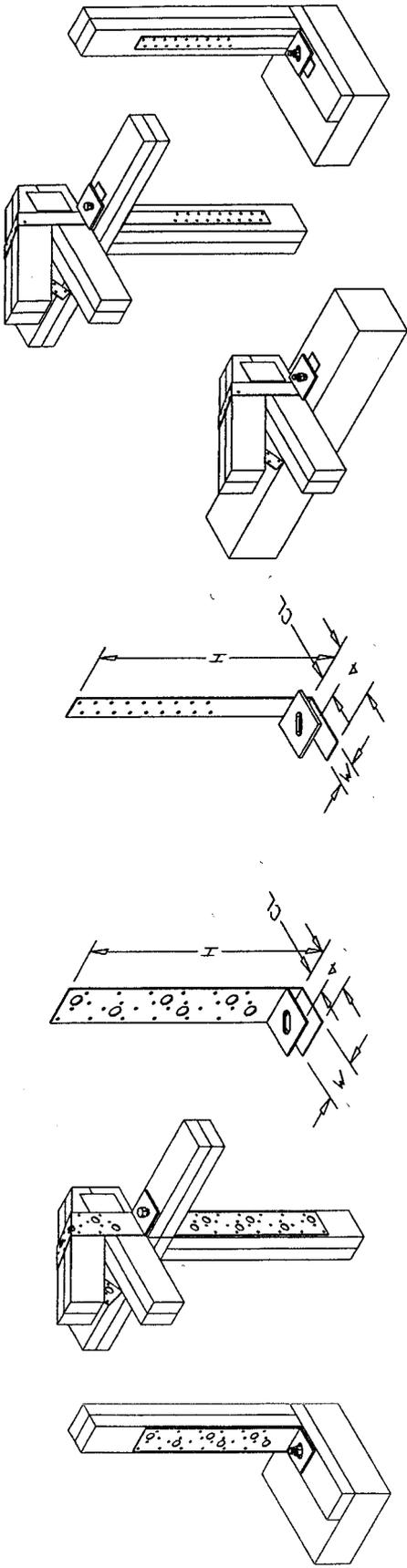
**NOA No: 06-1026.07**

**Expiration Date: January 11, 2008**

**Approval Date: March 15, 2007**

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-1026-03  
 Expiration Date 01/11/08

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0701-03  
 Expiration Date 01/11/07



GIRDER TRUSS STRAP (SGP2)

GIRDER TRUSS STRAP (SGP3)

PRODUCT CODE	GAUGE		DIMENSIONS			FASTENERS			ALLOWABLE LOADS UPLIFT 133%		
	STRAP	PLATE	W	H	CL	STRAP NAILS	BOLTS	PLATE	10d	16d	BOLTS
SGP2	14	1/4"	1 5/8	18 1/4	1 1/2	10	—	(1) 1/2"	1395	1510	1/2"
SGP3	14	1/4"	3	18 1/4	1 1/2	12	2	(1) 5/8"	1675	1815	825
						14	3		1955	2115	1240
						16	4		2235	2405	1655
						18	5		2405	2405	2065

ANCHOR BOLT 1/2"x10" WITH STANDARD WASHER OVER 1/4" WASHER PLATE INCLUDED WITH SGP  
 ANCHOR STRAP. MINIMUM HEADER THICKNESS 2"

**GENERAL NOTES**

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVANIZED COATING OF G90.
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- 3) ALLOWABLE LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER). LL TEST PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 5) MINIMUM 2000 PSI GROUT.
- 6) PENETRATION IS ASSUMED TO BE 1 1/2" INTO WOOD BETWEEN RAFTER & STUD.

*Robert W. Lutz*  
 4/22/04

REV. #1

**UNITED STEEL PRODUCTS COMPANY**

703 ROGERS DRIVE, MONTGOMERY, MN. 56069 PHONE (507) 364-7333

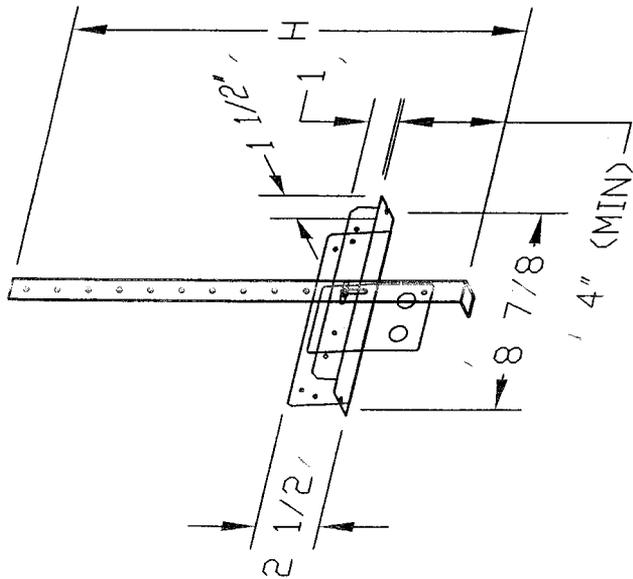
NAME: SGP SERIES (GIRDER TRUSS STRAP)

DATE: 4/22/04

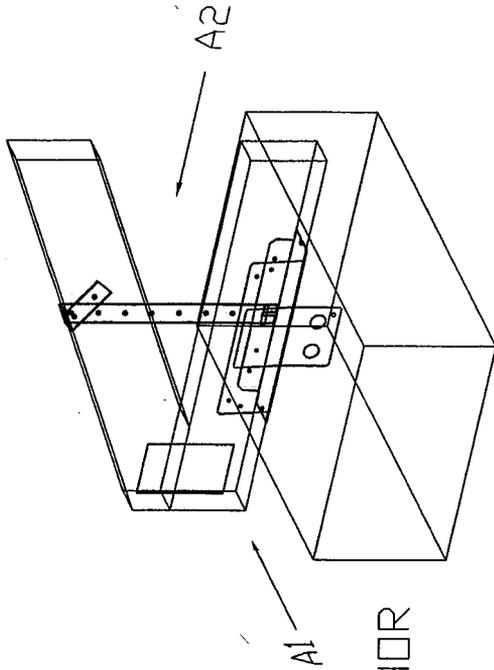
ROBERT W. LUTZ  
 PROFESSIONAL ENGINEER (STRUCTURAL)  
 FLORIDA REG. NO. 55409

SHEET: 1 OF 2  
 DWG. #: MD404

MDADE



LATERAL TRUSS ANCHOR (TAPL)



**PRODUCT REVIEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-1026.07  
 Expiration Date 01/11/08  
 By [Signature]  
 Miami Code Product Control  
 Division

**PRODUCT REVIEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0701.03  
 Expiration Date 01/11/07  
 By [Signature]  
 Miami Code Product Control  
 Division

PRODUCT CODE	GAUGE	DIMENSIONS		FASTENERS	LATERAL LOADS	
		H	JOIST PLATE		A1	A2
TAPL12	14	12	(6) 10d x 1 1/2	595	880	
TAPL14	14	14	(6) 10d x 1 1/2	595	880	
TAPL16	14	16	(6) 10d x 1 1/2	595	880	

ALTERNATE FASTENING SCHEDULE	
FASTENER SCHEDULE	UPLIFT 133%
SIZE	FASTENERS PER STRAP
5	7
700	9
10d	1255
16d	975
	1065
	11
	1255
	1255
	1255

- 1.) MINIMUM EMBEDMENT IS 4"
- 2.) THE JOIST PLATE IS MADE OF 18 GA STEEL
- 3.) IN ORDER TO USE LATERAL LOAD TABLE, 3 FASTENERS PER STRAP ARE NECESSARY.

**GENERAL NOTES**

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- 3) ALLOWABLE LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER). LL TEST PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 5) MINIMUM 2000 PSI GROUT.
- 6) PENETRATION IS ASSUMED TO BE 1 1/2" INTO WOOD. BETWEEN RAFTER & STUD.

*[Handwritten Signature]*  
 29 JUN 05

REV. #1

**UNITED STEEL PRODUCTS COMPANY**

703 ROGERS DRIVE, MONTGOMERY, MN. 56069 PHONE (507) 364-7333

NAME: TAPL SERIES  
 (LATERAL TRUSS ANCHOR)

DATE: 4/22/04  
 ROBERT W. LUTZ  
 PROFESSIONAL ENGINEER (STRUCTURAL)  
 FLORIDA REG. NO. 55409

SHEET: 2 OF 2  
 DWG. #: MD404

MDEADE