



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

United Steel Products Company
703 Rogers Drive (P. O. Box 80)
Montgomery ,MN 56069

Your application for Notice of Acceptance (NOA) of:

Wood Connectors

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 02-0102.03
EXPIRES: 01/11/2007

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/07/2002



APPROVED: February 7, 2002

EXPIRES: January 11, 2007

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **renews** Notice of Acceptance (NOA) No. **01-0417.10**, which was issued on August 9, 2001. It renews the approval of a wood connector, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

2.1 The **USP Wood Connectors** and its components shall be constructed in strict compliance with the following document: Drawing No **TAP-TAPR-TAPL**, Sheets 1 through 2 of 2, titled "Wood Connectors," prepared by manufacturer, dated 6/12/01, signed and sealed by Thomas A. Kolden, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 Allowable loads are for Douglas Fir or better with a specific gravity of 0.50 and moisture content of 19% or less.
3.2 Allowable loads are based on testing per ASTM D1761 and calculations per National Design Specifications for Wood Construction 1991 Edition & 1993 Errata.

4. INSTALLATION

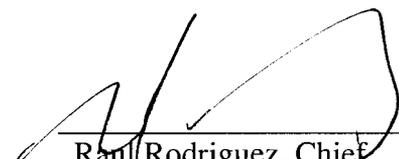
4.1 The wood connectors shall be installed in strict compliance with the approved drawings.

5. LABELING

5.1 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".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Raul Rodriguez, Chief
Product Control Division

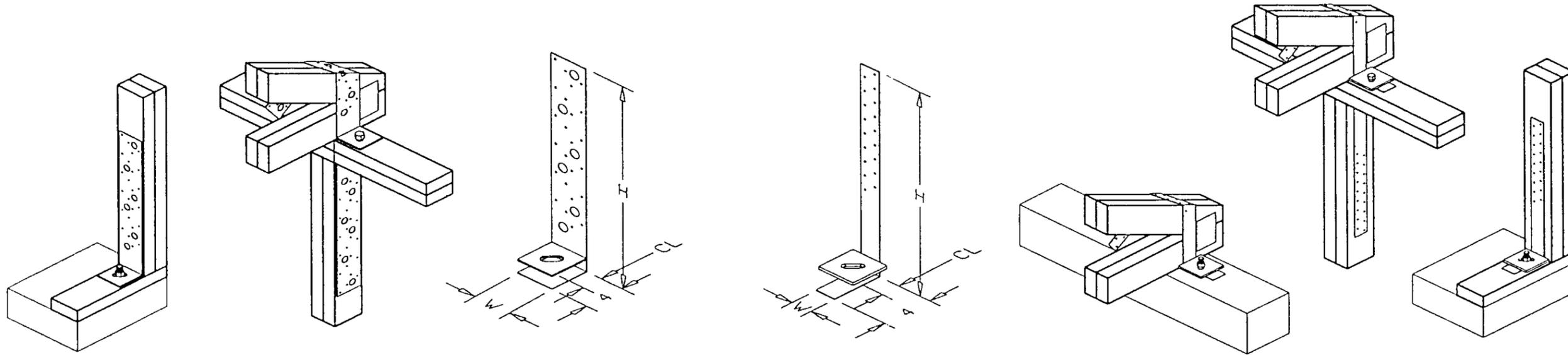
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE



Raul Rodriguez, Chief
Product Control Division



GIRDER TRUSS STRAP
(SGP3)

GIRDER TRUSS STRAP
(SGP2)

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

PRODUCT RENEWED

ACCEPTANCE No. 02-0102-03

EXPIRATION DATE January 1, 2007

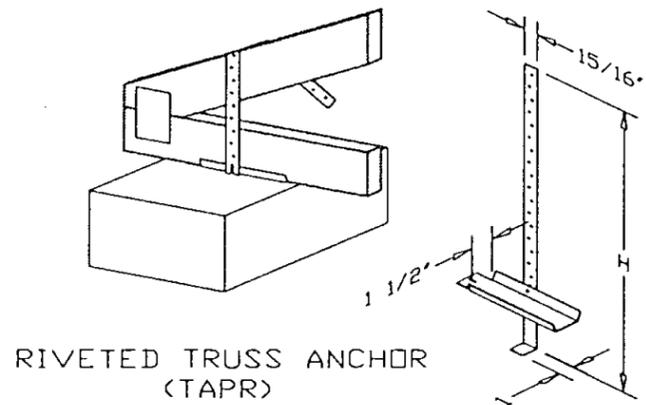
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

CONFORMING WITH THE
SOUTH FLORIDA BUILDING CODE
AUG 09 2001
[Signature]
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0417.10

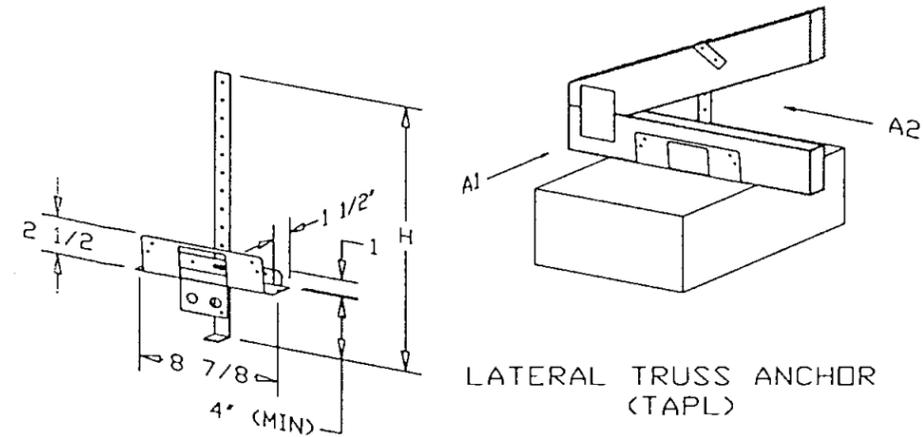
GENERAL NOTES

- 1) THE APPROVED PRODUCTS SHALL BE MADE OF STEEL CONFORMING TO ASTM A653 STRUCTURE QUALITY GRADE 33 (MIN YIELD 33KSI) AND A MINIMUM GALVANIZED COATING OF G60 PER ASTM 525.
- 2) FASTENERS ARE COMMON WIRE NAILS OR BOLTS IN SINGLE SHEAR AS SHOWN, AND NOTED ON EACH APPROVAL.
- 3) ALL INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS, THIS NOTICE OF ACCEPTANCE AND THE APPLICABLE SECTIONS OF THE SOUTH FLORIDA BUILDING CODE.
- 4) ALLOWABLE LOADS ARE BASED ON NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION, FOR SOUTHERN PINE (SG=0.55) OR BETTER AND TEST PERFORMED IN ACCORDANCE WITH ASTM D-1761.
- 5) ALLOWABLE LOADS FOR WIND UPLIFT HAVE ALREADY BEEN INCREASED BY A DURATION LOAD OF 33% AND NO FURTHER INCREASE IS ALLOWED.

FOR OFFICE USE	UNITED STEEL PRODUCTS CO 703 ROGERS DRIVE MONTGOMERY MN 56069	<u>[Signature]</u> 6.12.2001
	WOOD CONNECTORS	
	DATE: <u>06/12/01</u> DRAWING NUMBER: <u>SGP</u> SHEET NUMBER: <u>1 OF 2</u>	THOMAS A. KOLDEN, P.E. CIVIL NUMBER FL#50899



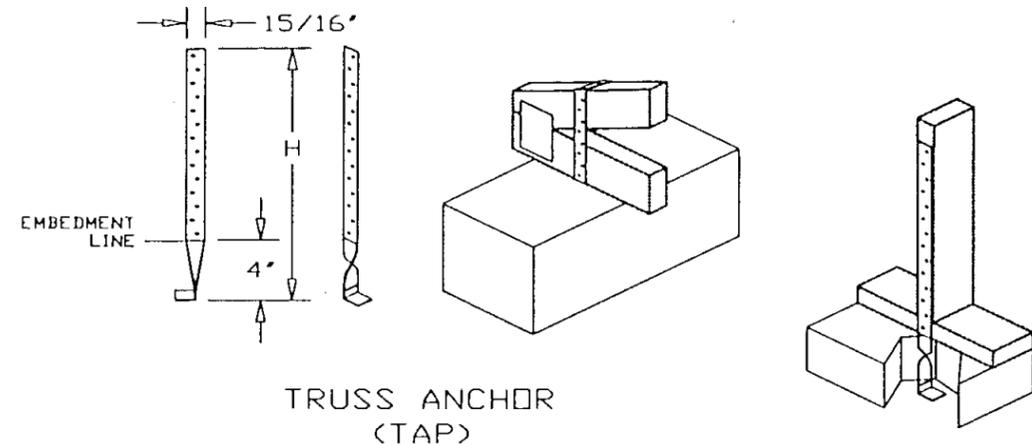
RIVETED TRUSS ANCHOR (TAPR)



LATERAL TRUSS ANCHOR (TAPL)

PRODUCT CODE	GAUGE	DIMENSIONS H	FASTENERS NAILS	ALLOWABLE LOADS UPLIFT 133%	
				10d	16d
TAPR28	14	8	5	700	755
TAPR210	14	10	6	840	905
TAPR212	14	12	8	1055	1055
TAPR214	14	14	10	1055	1055
TAPR216	14	16	11	1055	1055
TAPR218	14	18	12	1055	1055
TAPR220	14	20	13	1055	1055
TAPR222	14	22	14	1055	1055

MINIMUM HEADER THICKNESS IS 2". MINIMUM EMBEDMENT IS 4".



TRUSS ANCHOR (TAP)

PRODUCT CODE	GAUGE	DIMENSIONS H	FASTENERS NAILS	ALLOWABLE LOADS UPLIFT 133%	
				10d	16d
TAP8	14	8	5	700	755
TAP10	14	10	6	840	905
TAP12	14	12	8	1055	1055
TAP14	14	14	10	1055	1055
TAP16	14	16	11	1055	1055
TAP18	14	18	12	1055	1055
TAP20	14	20	13	1055	1055
TAP22	14	22	14	1055	1055

MINIMUM HEADER THICKNESS IS 2". MINIMUM EMBEDMENT IS 4".

PRODUCT CODE	GAUGE	DIMENSIONS H	FASTENERS JOIST PLATE	LATERAL LOADS	
				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%				
	FASTENERS PER STRAP				
SIZE	5	7	9	11	13
10d	700	975	1255	1350	1350
16d	755	1065	1350	1350	1350

- 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.

PRODUCT RENEWED

ACCEPTANCE No. 02-0102.03

EXPIRATION DATE January 11, 2007

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

GENERAL NOTES

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APPROVED AS COMPLETED WITH THE SOUTH FLORIDA BUILDING CODE DATE AUG 09 2001 BY <i>[Signature]</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0917.10	WOOD CONNECTORS	
	DATE: 06/12/01 DRAWING NUMBER: TAP-TAPR-TAPL SHEET NUMBER: 2 OF 2	