



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

**United Steel Products Company
14305 Southcross 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 High velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Wood Connectors "PAU" & "C" Series.

APPROVAL DOCUMENT: Drawing No.100-02, titled "PAU SERIES (Post Anchors) & C SERIES (Post Caps)" prepared by United Steel Products Company, sheet 1 & 2 of 2, dated 04/30/03, with no revisions, signed and sealed by R. W. Lutz, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance (NOA) number and approval 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 # 03-0508.05** and consists of this page 1, evidence page E-1 & approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



**NOA No: 07-0306.06
Expiration Date: May 02, 2012
Approval Date: June 07, 2007
Page 1**

United Steel Products Company

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No. 100-02, dated 04/30/03, sheets 1 & 2, with no revisions, prepared by United Steel Products Company, titled "PAU SERIES (Post Anchors) & C SERIES (Post Caps)" signed and sealed by R. W. Lutz, PE.

B. TESTS (submitted under NOA # 03-0508.05)

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

	Laboratory Report	Wood Connector	Direction	Date
1.	PTI # 01-3345	PAU 66	Up & Down	10/31/01.
2.	PTI # 01-3344	PAU 44	Up & Down	10/29/01
3.	PTI # 01-3348	C 66	Up & Perpdclr	10/08/01.
4.	PTI # 01-3347	C 46	Up & Perpdclr	10/05/01.
5.	PTI # 01-3346	C 44	Up & Perpdclr	10/02/01
6.	PTI # 02-3921	C 88	Parallel & Perpdclr	01/17/03
7.	PTI # 03-4301	C 88	Upward	04/15/03

C. CALCULATIONS (submitted under NOA # 03-0508.05)

Calculated Capacities prepared by R. W. Lutz PE.

	Product Model	No. of Pages	Date	Signature
1.	C44, 46 & 66	1 through 5	12/20/01	R. W. Lutz, PE.
2.	PAU 44	1 through 5	12/21/01	R. W. Lutz, PE.
3.	C88	1 through 3	04/09/03	R. W. Lutz, PE

D. STATEMENTS (submitted under NOA # 03-0508.05)

1. No Financial Interest letter issued by USP Lumber Connectors, dated 01/18/02 signed by R. W. Lutz, PE. and notarized by R. Radabaugh
2. Code Compliance letters issued by USP Lumber Connectors, dated 01/18/02 & 04/30/03 signed and sealed by R. W. Lutz, PE.
3. No Financial Interest letter issued by UPS Lumber Connectors, dated 04/30/03,
4. signed by R.W. Lutz, PE and notarized by G. P. Gunkel.

E. OTHERS

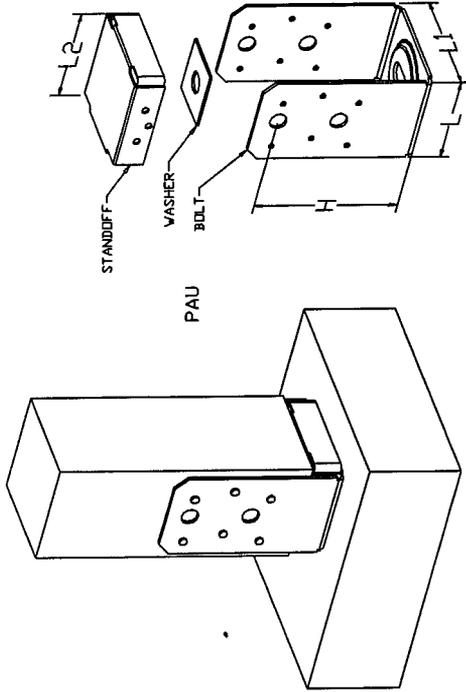
1. Code Compliance Statements and Revised Calculations prepared for United Steel Products Co., signed and sealed by Robert W. Lutz, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0306.06
Expiration Date: May 02, 2012
Approval Date: June 07, 2007

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 UPLIFT LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 60% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE DOWN LOADS ARE NOT INCREASED BY SHORT TERM DURATION FACTOR.
- 5) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 2001 EDITION FOR SOUTHERN PINE (G= 0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR LESS). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 6) PENETRATION IS ASSUMED TO BE 2" INTO WOOD.



PAU POST ANCHOR W/ BOLT SERIES

- 16 OR 12 GAUGE STAND-OFF
- 10 GAUGE SUPPORT COVER
- 10 GAUGE WASHER

PRODUCT CODE	POST/COLUMN SIZE	DIMENSIONS			FASTENER SCHEDULE			ALLOWABLE LOADS (Lbs.)		
		L1	L2	H	ANCHOR BOLT	POST	BEARING	UPLIFT (160%)	NAILS	BOLTS
PAU44	4 x 4	3-9/16	3	5-7/16	(1) 5/8	(12) 16d	(2) 1/2	6885	1825	1825
PAU66	6 x 6	5-9/16	5	2-7/8	(1) 5/8	(12) 16d	(2) 1/2	14,300	2425	2425

UNITED STEEL PRODUCTS COMPANY
 14305 Southcross Drive, Suite 200, Burnsville, MN 55306 PH (952) 898-8651.

NAME: PAU SERIES
 (POST ANCHORS)

DATE: 2/21/07

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

SHEET: 1 OF 2

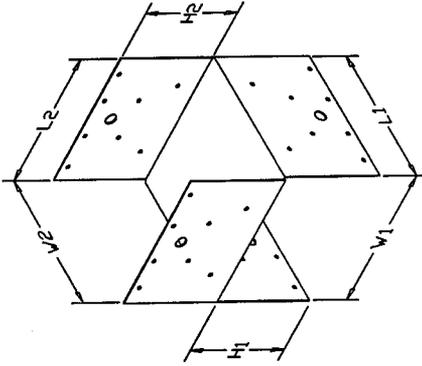
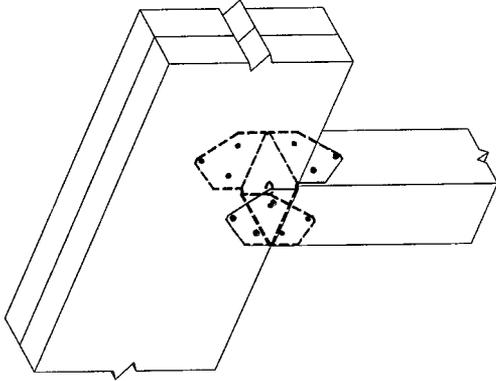
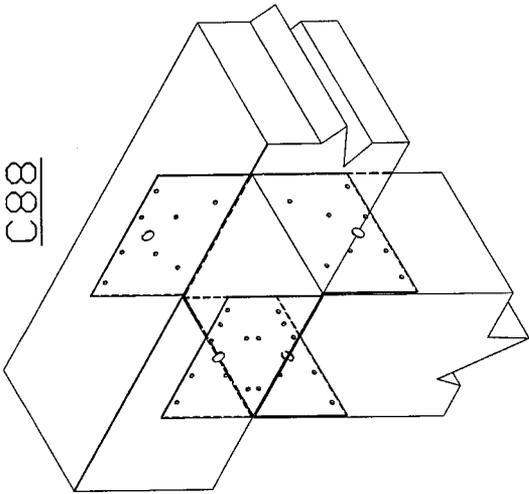
DRAWING # : 100-02

MDADE

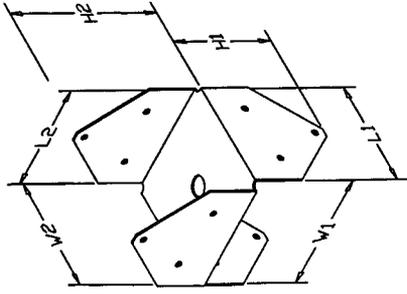
PROJECT RENEWED
 in compliance with the Florida
 Building Code
 Approval No 07-0306.06
 Expiration Date 05/02/2012
 Robert W. Lutz
 Professional Engineer
 Florida License No. 55409

Robert W. Lutz
 FEB 15 2007

C88



C88



C POST CAP SERIES
18 GAUGE GALVANIZED (TYP)

PRODUCT REVIEWED
as complying with the Florida
Building Code
Approval No. 07-0306-06
Expiration Date 05/02/2012
By: [Signature]
Miami Trade Product Control
Division

DESCRIPTION	DIMENSIONS								FASTENER SCHEDULE			ALLOWABLE LOADS (lbs.) (160%)		
	W1	W2	H1	H2	L1	L2	POST	BEAM	F1	F2	UPLIFT			
C44 4 x 4 POST CAP	3-9/16	3-9/16	2-7/8	2-7/8	3-1/4	3-1/4	(6) 16d	(6) 16d	860	860	820			
C46 4 x 6 POST CAP	3-9/16	5-1/2	2-7/8	2-7/8	5-3/8	3-1/4	(10) 16d	(6) 16d	950	950	745			
C66 6 x 6 POST CAP	5-1/2	5-1/2	2-7/8	2-7/8	5-1/4	5-1/4	(10) 16d	(10) 16d	1690	1690	870			
C88 8 x 8 POST CAP	7 1/2	7 1/2	5	5	7 3/8	7 3/8	(16) 16d	(16) 16d	2340	3225	1125			

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- 3) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 2001 EDITION FOR SOUTHERN PINE (G= 0.55 OR BETTER & MOISTURE CONTENT OF 19% OR LESS. ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM A1761.
- 4) PENETRATION ASSUMED TO BE 2" INTO WOOD. F1 LOADS PARALLEL TO WALL. F2 LOADS PERPENDICULAR TO WALL. ALLOWABLE LOADS FOR UPLIFT, F1 & F2 ARE NOT TO BE COMBINED.

UNITED STEEL PRODUCTS COMPANY
14305 Southcross Drive, Suite 200, Burnsville, MN 55306 PH (952) 898-8651.

NAME: C - SERIES
(POST CAPS)

DATE: 2/21/07
ROBERT W. LUTZ
PROFESSIONAL ENGINEER (STRUCTURAL)
FLORIDA LICENSE, NO. 55409

SHEET: 2 OF 2
DRAWING # : 100-02
MDADE

Robert W. Lutz
15 2007