



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

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 Florida Building Code, including the High velocity Hurricane Zone.

DESCRIPTION: MSH424 Truss/Joist Hanger.

APPROVAL DOCUMENT: Drawing No. **MSH0404**, titled "MSH424 (Truss/Joist Hangers)" sheet 1 of 1, dated 04/22/04, with no revisions, prepared by United Steel Products Company, signed and sealed by Robert W. Lutz, P.E, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance (NOA) 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 # 04-0427.03** and consists of this page, evidence page E-1, as well as approval document mentioned above.

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



[Handwritten Signature]
12/10/07

NOA No: 07-1114.11
Expiration Date: December 2, 2008
Approval Date: January 3, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawings prepared by United Steel Products Company, titled "MSH424 (Truss/Joist Hangers)", Drawing No. MSH0404, sheets No. 1 of 1, dated 04/22/04, with no revisions, signed and sealed by Robert W. Lutz, P.E.
(Evidence Submitted under NOA # 04-0427.03)

B. TEST

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

	<u>Report No.</u>	<u>Wood Connector</u>	<u>Direction</u>	<u>Date</u>
1.	PT # 99-2197	JHA 29	Up & Down	07/17/99
2.	PT # 99-2198	JHA 218	Up & Down	07/18/99
3.	PT # 99-2199	JHA 2-213	Up & Down	07/20/99
4.	PT # 99-2000	JHA 2-218	Up & Down	07/21/99

(Evidence Submitted under NOA # 04-0427.03)

C. CALCULATIONS

1. Report of Design Capacities of JHA Series prepared by Thomas F. Devening on 08/23/99, sheet 1 through 12, signed and sealed by .T. F. Devening, P.E.
(Evidence Submitted under NOA # 04-0427.03)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

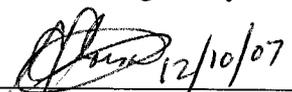
1. None

F. STATEMENTS

1. Minor Change letter issue by USP Lumber Connector on 11/26/02 and signed by Robert W. Lutz, P.E.
2. Merger documents issued by the State of Minnesota on 02/14/00, signed by the Secretary of State M. Kiffmeyer.
(Evidence Submitted under NOA # 04-0427.03)

G. OTHERS

1. NOA renewal request letter issued by United Steel Products Company, dated 11/05/07, signed by Robert W. Lutz, P.E.
2. Testing contract letter issued by Product Testing, Inc., dated 11/07/07, signed by J. L. Prophet.



Carlos M. Utrera, P.E.
Product Control Examiner

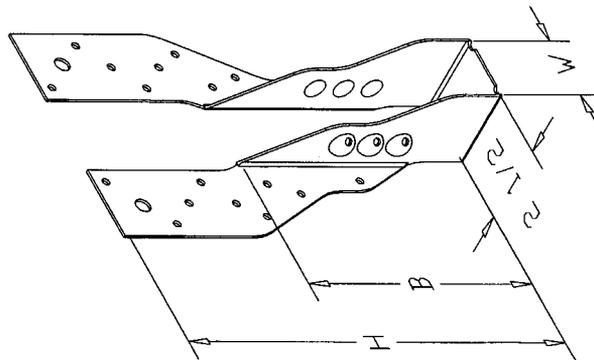
NOA No 07-1114.11

Expiration Date: December 2, 2008

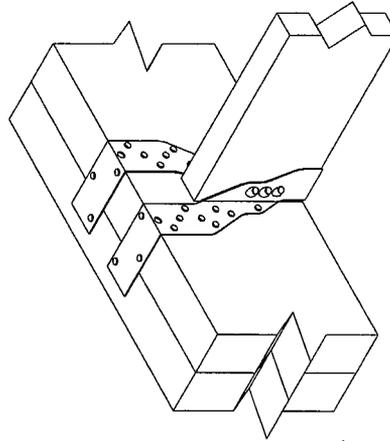
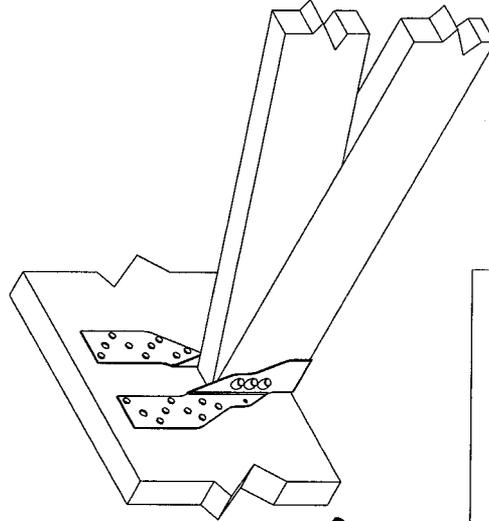
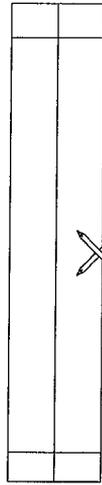
Approval Date: January 3, 2008

PRODUCT CODE	MATERIAL THICKNESS	JOIST WIDTH	DIMENSIONS			FASTENERS		DESIGN LOADS (LBS)	
			W	H	A	GIRDER/HEADER NAILS	TRUSS/JOIST NAILS	NORMAL	UPLIFT
MSH424	16 GA	3 1/2	3 5/8	22	5 1/16	(30) 16d	(6) 10d	3650	1142

1) GIRDER/HEADER NAILS SHALL HAVE A MINIMUM PENETRATION OF 2".



LOAD SHARE FASTENING SYSTEM



07-11-11
12/2/2008

PRODUCT REVISED
as complying with the Florida
Building Code
Specification No. 04-0427.03
12/02/07

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 ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (GF= 0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR LESS). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 4) ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED BY A DURATION FACTOR OF 93% FOR WINDLOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.

Robert W. Lutz
4/22/04

UNITED STEEL PRODUCTS COMPANY
703 RUGERS DRIVE, MONTGOMERY, MN. 56069 PHONE (507) 364-7333

NAME: MSH424

DATE: 4/22/04
(TRUSS/JOIST HANGERS)

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

SHEET: 1 OF 1
DRAWING NO. #

MSH0404

MDADE