



**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.
703 Rogers Drive.
Montgomery, MN 56069**

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 Wood Connectors.

APPROVAL DOCUMENT: Drawing No. **MD0404**, titled "HJH Series (Hip & Jack Heavy Connectors) and HSU Series (Girder Hanger Heavy)" sheet 1 and 2, dated 04/22/04 with no revisions, 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 (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 revises NOA # 02-1227.01 and consists of this page, evidence page & approval document mentioned above.

The submitted documentation was reviewed by **Candide F. Font PE.**



[Handwritten signature]
07/08/04

**NOA No: 04-0427.04
Expiration Date: December 2, 2006
Approval Date: July 8, 2004
Page 1**

United Steel Products Company.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawings prepared by United Steel Products Company, titled "HJH Series (Hip & Jack Heavy Connectors) and HSU Series (Girder Hanger Heavy)", Drawing No. MDO0404, sheets No. 1 and 2, dated 04/22/04 with no revisions, signed and sealed by R. W. Lutz, PE.

B TEST

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

	Report No.	Wood Connector	Direction	Date
1.	PT # 98-971447	HJH 26L/R	Up & Down	10/29/98
2.	PT # 98-971448	HJH 28L/R	Up & Down	10/31/98
3.	PT # 98-971456	HSU 8016	Up & Down	07/15/98
4.	PT # 98-971457	HSU 4016	Up & Down	07/05/98

C CALCULATIONS

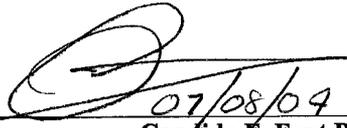
1. Report of Design Capacities of HJH prepared by Thomas F. Devening on November 1997, sheet 1 through 11, signed and sealed by T. F. Devening, PE.
2. Report of Design Capacities of HSU prepared by Thomas F. Devening on November 1998 sheet 1 through 10 signed and sealed by T. F. Devening, PE.

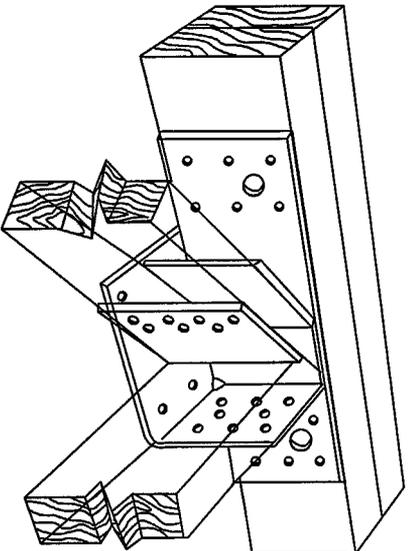
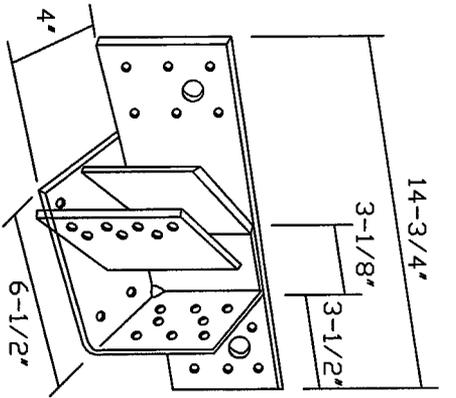
D QUALITY ASSURANCE

1. Product Control Division

E STATEMENTS

1. Minor Change letter issue by USP Lumber Connector on 04/26/00 and signed by R. C. Brunson.
2. Merger documents issued by the State of Minnesota on 02/14/00 signed by the Secretary of State M. Kiffmeyer.
3. No financial interest letter issued by The Dore' Group on 11/20/98, signed and sealed by T. F. Devening PE.


07/08/04
Candido F. Font PE.
Sr. Product Control Examiner
NOA No 04-0427.04
Expiration Date: December 2, 2006
Approval Date: July 8, 2004



HIP & JACK CONNECTORS (HEAVY)

Product Code	Description	Dimensions	Fasteners				Both Combined	
			Header Nails	Header Bolts	Hip Truss	Jack Truss	Design Loads (lbs.)	Uplift
HJH 26L/R	Hip/Jack Hanger 2X6 Right or Left	5-1/4"	12-16d	None	7-16d	8-16d	Normal 100%	133%
HJH 28L/R	Hip/Jack Hanger 2X6 Right or Left	7-1/4"	16-16d	None	7-16d	8-16d	2560	2185

Note: 1. Material: 7 gauge (3/16") ASTM A36.
 2. Nail on the header shall have a minimum penetration of 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
 for

PRODUCT REVIEWED
 as complying with the Florida Building Code
 Association No. 01-042704
 Expires 12/31/05
 By: *[Signature]*
 Division

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

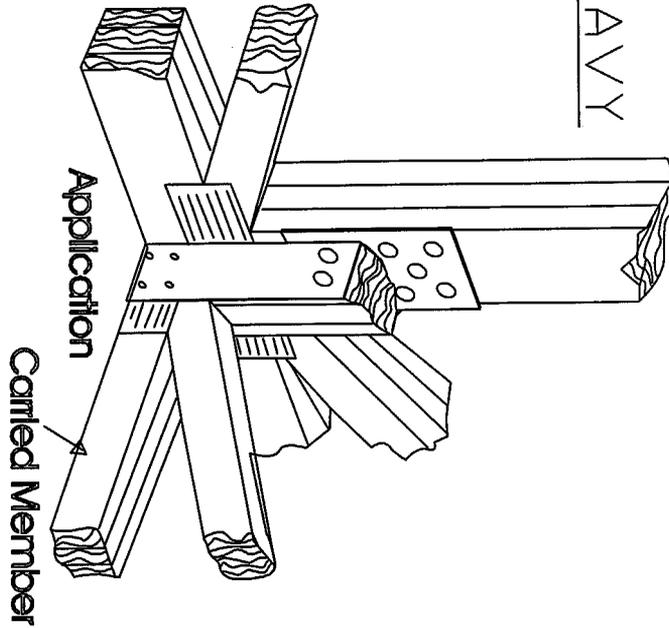
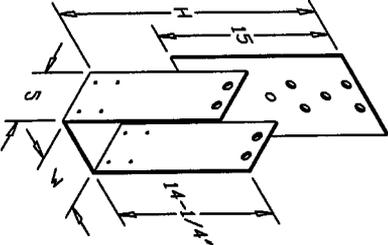
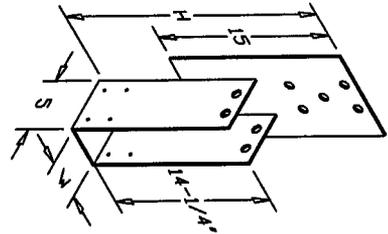
NAME: HJH SERIES
 (HIP & JACK HEAVY CONNECTORS)

DATE: 4/22/04

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

SHEET: 1 OF 2
 DWG. #: MD0404
 MDADDE

GIRDER HANGER HEAVY



Product Code	Description	Dimensions		Fasteners			Design Loads (lbs.)	
		W	H	Bolts	Block	Nails	Normal	Uplift
HSU 40	Girder Hgr(Heavy)	3-1/4"	23"	(5)-3/4"	(2)-3/4"	Carried Member	100%	133%
HSU 80	Girder Hgr(Heavy)	4-7/8"	23-1/2"	(6)-3/4"	(2)-3/4"	8-10d	8445	7950

Notes: 1. Material: 7 gauge (3/16") ASTM A36.
 2. All 3/4" bolts require 3" wood penetration and minimum wood vertical width of 5-1/2"
 3. Bolts ASTM A307 Grade A
 4. Nails on carried member shall have a minimum penetration of 1-3/4"

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 GRDUT.
- 6) PENETRATION IS ASSUMED TO BE 1 1/2" INTO WOOD, BETWEEN RAFTER & STUD.

Robert W. Lutz
4/22/04

PRODUCT REVIEWED
 as complying with the Florida Building Code
 Approval No. 04-042704
 Expiration Date 12/02/06
 By:
 Robert W. Lutz, Professional Engineer
 Division

UNITED STEEL PRODUCTS COMPANY	
703 ROGERS DRIVE, MONTGOMERY, MN 56069 PHONE (507) 364-7333	
NAME: HSU SERIES (GIRDER HANGER HEAVY)	
DATE: 4/22/04	ROBERT W. LUTZ PROFESSIONAL ENGINEER (STRUCTURAL) FLORIDA REG. NO. 55409
SHEET: 2 OF 2	DWG. #: MD0404
MDADE	