



**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: Wood Connectors UMH Series.

APPROVAL DOCUMENT: Drawing No. MD1104, titled "UMH Series (Universal Masonry Hanger)" sheet 1 of 1, dated 11/05/04 with no revisions, prepared by United Steel Products Company signed and sealed by R. W. Lutz, PE, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance 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 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 consists of this page, evidence page & approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font PE.**

[Handwritten signature]
10/13/05



**NOA No: 04-1122.03
Expiration Date: October 13, 2010
Approval Date: October 13, 2005
Page 1**

United Steel Products Company.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawings prepared by United Steel Products Company, titled "UMH Series (Universal Masonry Hanger)", Drawing No. MD1104, sheets No. 1 of 1, dated 11/05/04 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 # 04-4961	UMH 358	Upward & Downward	09/08/04

C CALCULATIONS

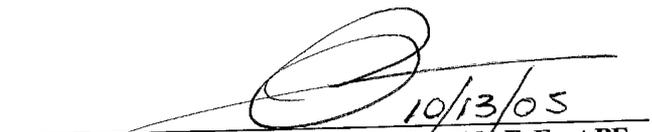
1. Calculated Values for Universal Masonry Hanger prepared by Robert W. Lutz on 10/27/04 sheets 1 through 4 signed and sealed by R. W. Lutz, PE.

D QUALITY ASSURANCE

1. Product Control Division

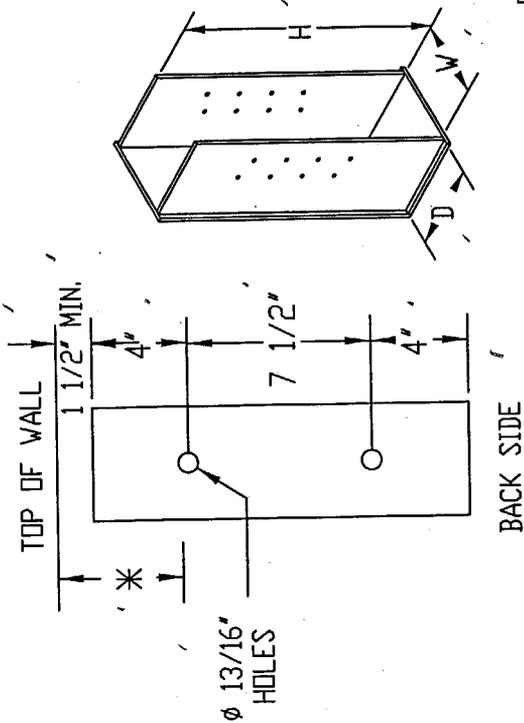
E STATEMENTS

1. Code compliance letter issued by USP Lumber Connectors dated 10/25/04 signed and sealed by R. W. Lutz, PE.
2. No financial interest letter issued by USP Lumber Connectors dated 10/25/04 signed and sealed by R. W. Lutz, PE.

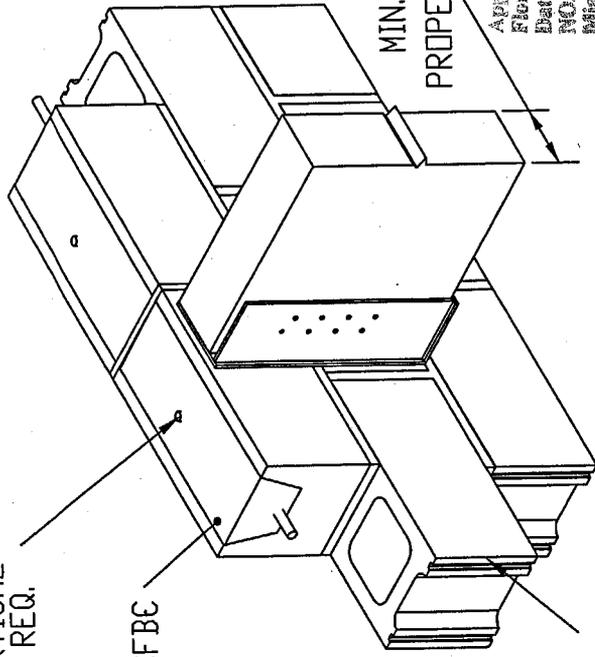

10/13/05
Candido F. Font PE.
Sr. Product Control Examiner
NOA No 04-1122.03
Expiration Date: October 13, 2010
Approval Date: October 13, 2005

(2) MIN. #5 VERTICAL REINFORCEMENT REQ.

TIE BEAM PER SECTION 2121 OF SFBC



FULLY GROUTED C90 CONCRETE BLOCK WALL PER ACI530



MIN. WIDTH FOR PROPER EMBEDMENT

Approved as complying with the Florida Building Code
 Date 10/13/05
 NOA# 04-1122-03
 Miami Data Product Control Division
 By _____

USP PRODUCT	DIMENSIONS			FASTENER SCHEDULE		ALLOWABLE LOADS (lbs.)		
	GA.	W	H	D	HEADER	JOIST	DIRECT (100%)	UPLIFT (133%)
UMH358	1/4	3-5/8	15-1/2	5	(2) 3/4	(16) 16d	3950#	4450#
UMH458	1/4	4-5/8	15-1/2	5	(2) 3/4	(16) 16d	3950#	4450#
UMH538	1/4	5-3/8	15-1/2	5	(2) 3/4	(16) 16d	3950#	4450#
UMH558	1/4	5-5/8	15-1/2	5	(2) 3/4	(16) 16d	3950#	4450#
UMH718	1/4	7-1/8	15-1/2	5	(2) 3/4	(16) 16d	3950#	4450#

GENERAL NOTES

- STEEL SHALL CONFORM TO ASTM A36.
- FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- FASTEN UMH HANGER TO CONCRETE STRUCTURE WITH TWO POWERS FASTENERS WEDGE-BOLTS WITH 5" MINIMUM EMBEDMENT. WEDGE-BOLTS SHALL BE INSTALLED IN GROUTED CELLS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION SPECIFICATIONS.
- ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (G=0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR LESS). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- PENETRATION OF NAILS IS ASSUMED TO BE 2" INTO WOOD.
- *MINIMUM ANCHOR EDGE DISTANCE IS 5 1/4" IN ALL DIRECTIONS.

Robert W. Lutz
 12 Feb 05

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

NAME: UMH SERIES (UNIVERSAL MASONRY HANGER)

DATE: 11-5-04

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

SHEET: 1 OF 1

DRAWING NO# MD1104

MDEADE