



**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 Co.
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 High velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Wood Connectors RT3, RT7, RT10, RT15, RT16 & RT20.

APPROVAL DOCUMENT: Drawing No.101-02, Sheets 1 through 3 of 3, titled "RT3, RT7, RT10, RT15, RT16 & RT20 (Rafter Ties)," dated 03/18/02, 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 (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.

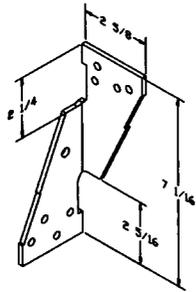
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

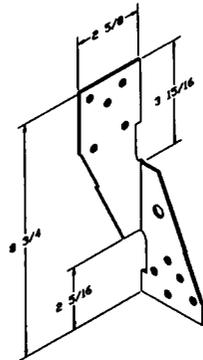
The submitted documentation was reviewed by **Candido F. Font PE.**



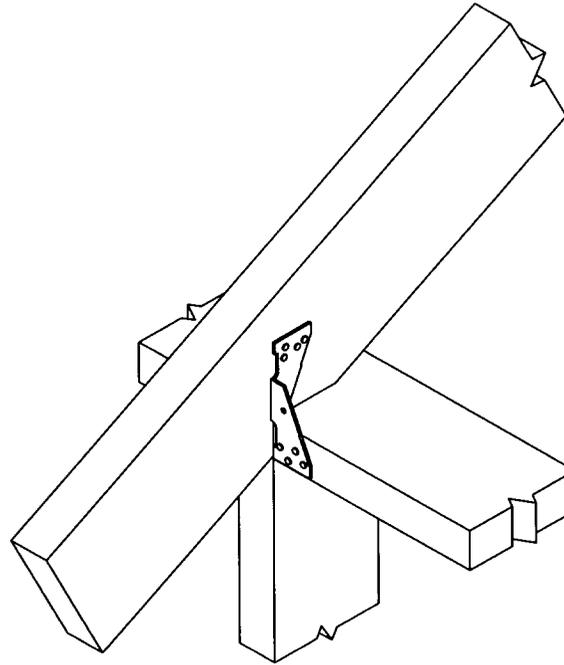
**NOA No: 02-0128.05
Expiration Date: May 02, 2007
Approval Date: May 02, 2002
Page 1**



RT3



RT7



RT RAFTER TIE SERIES
18 GAUGE

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVINIZED 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, AND MOISTURE CONTENT OF 19% OR LESS). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 5) PENETRATION IS ASSUMED TO BE 1 1/2' INTO WOOD RAFTER & 1 5/8' OR MORE INTO WOOD PLATE.

PRODUCT CODE	FASTENERS SCHEDULE			ALLOWABLE LOADS			
	RAFTER/ TRUSS	PLATE	STUD	DF-L / SYP			
				L1	L2	UPLIFT	
						8d x 1-1/2	
RT3	(4) 8d	(4) 8d	-- --	180	140	365	365
RT7	(5) 8d	(5) 8d	-- --	175	125	505	505

Approved as complying with the Florida Building Code
 Date: 05/02/02
 No. 02-0128.05
 National Model Building Control Division

NOTES

- 1) L1 ARE LOADS APPLIED PARALLEL TO BEARING WALL
- 2) L2 ARE LOADS APPLIED PERPENDICULAR TO BEARING WALL.
- 3) ALLOWABLE LOADS FOR UPLIFT, L1 & L2 ARE NOT TO BE COMBINED.

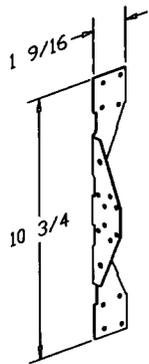
Robert W. Lutz
 3 APR 2002

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

NAME: RT3 & RT7
(RAFTER TIE)

DATE: 3/18/02 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

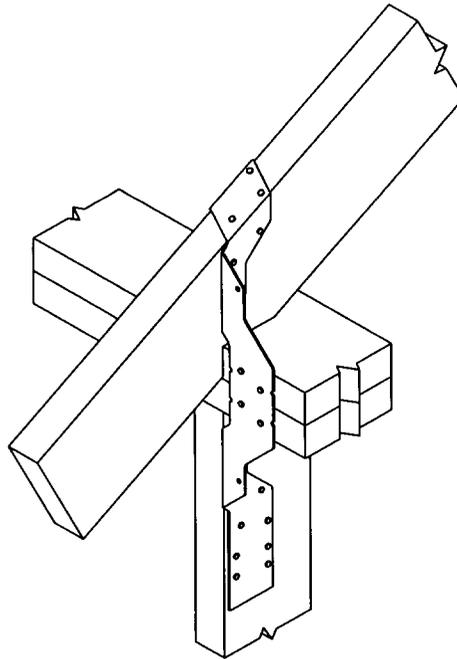
SHEET: 1 OF 3 DRAWING NO: 101-02 MDADE



RT10



RT20



RT RAFTER TIE SERIES

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVINIZED 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 & MOISTURE CONTENT OF 19% OR LESS. ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 5) PENETRATION IS ASSUMED TO BE 1 1/2" INTO WOOD RAFTER & STUD, AND 1 5/8" (8d) AND 1 3/4" (10d) OR MORE INTO WOOD PLATE.

PRODUCT CODE	FASTENERS SCHEDULE				ALLOWABLE LOADS			
	RAFTER/ TRUSS	PLATE	GA	STUD	DF-L / SYP			
					L1	L2	UPLIFT	
							8d x 1-1/2	
133%	133%	133%	133%					
RT10	(6) 8d	(8) 8d	18	(6) 8d	170	160	495	495
RT20	(8) 10d x 1-1/2	(4) 10d	16	(9) 10d x 1-1/2	- -		925	925

Date: 05/02/03
 Project: 02-6123-03
 Robert W. Lutz
 Professional Engineer
 Florida Reg. No. 55409

NOTES

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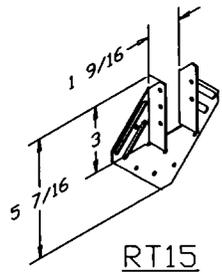
Robert W. Lutz
 3 APR 2002

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

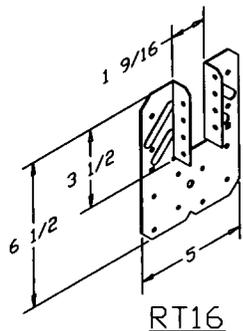
NAME: RT10 & RT20
(RAFTER TIES)

DATE: 3/18/02
 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

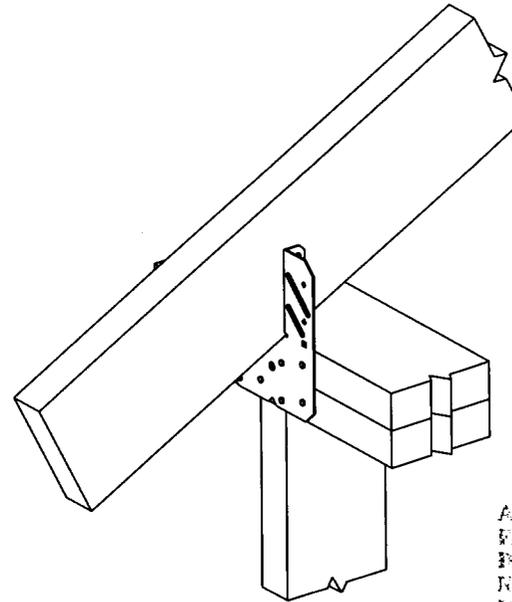
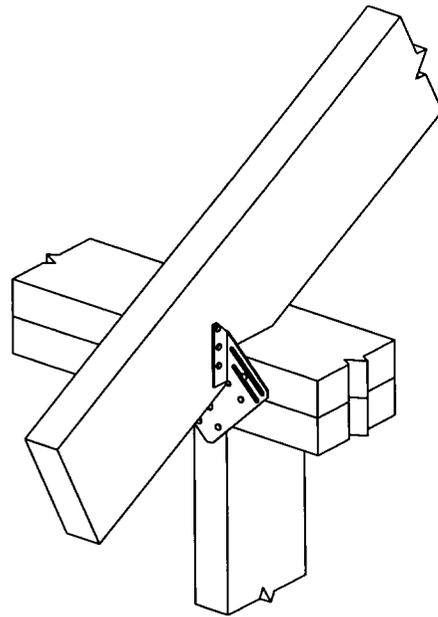
SHEET: 2 OF 3
 DRAWING NO: 101-02
 MDADE



RT15



RT16



Approved as complying with the Florida Building Code
 Date: 05/02/02
 No. 02/0123.05
 Division: Product Control
 By:

RT RAFTER TIE SERIES
 18 GAUGE GALVINIZED

GENERAL NOTES

PRODUCT CODE	FASTENERS SCHEDULE			ALLOWABLE LOADS			
	RAFTER/ TRUSS	PLATE	STUD	DF-L / SYP			
				UPLIFT			
				L1	L2	8d x 1-1/2	
RT15	(5) 8d x 1-1/2	(5) 8d	-- --	445	255	465	465
RT16	(8) 8d x 1-1/2	(8) 8d	-- --	540	370	890	890

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NOTES

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3 APR 2002

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

NAME: RT15 & RT16
 (RAFTER TIES)

DATE: 3/18/02
 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

SHEET: 3 OF 3
 DRAWING NO: 101-02'
 MDADE