



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Simpson Strong-Tie Company, Inc.
4637 Chabot Drive Suite 200
Pleasanton, CA 94588

Your application for Notice of Acceptance (NOA) of:

Simpson Strap Tie Connectors

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1023.05
EXPIRES: 11/06/2005

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 12/14/2000

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This renews the Notice of Acceptance No. 96-1126.11, which was issued on 11/06/97. It approves wood connectors; as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County. For the locations where the actual loads as determined by SFBC Chapter 23, do not exceed the design load indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1** The **Simpson Strong-Tie Wood Connectors** shall be fabricated and used in strict compliance with the following documents: Drawing No. S-2079 and sheets 1 through 2 of 2, titled "Simpson Strong-Tie MST A & ST Strap Ties", prepared by R. W. Building Consultants, Inc, dated 11/17/00 with no revision. The drawings shall bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1** Allowable loads are for Douglas Fir-Larch or better with a specific gravity of 0.50 and moisture content of 19% or less.
- 3.2** Allowable loads are based on testing per ASTM D1761 and calculations per National Design Specifications for Wood Construction 1991 Edition & 1993 Errata.

4. INSTALLATION

- 4.1** The wood connectors shall be installed in strict compliance with the approved drawings.

5. LABELING

- 5.1** Each wood connector shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT

- 6.1** Application for Building Permit shall be accompanied by copies of the following:
- 6.1.1** This Notice of Acceptance
- 6.1.2** Duplicate copies of the approved drawings as identified in Section 2 of this Notice of Acceptance, clearly marked to show the hangers and angles selected for the proposed installation.
- 6.1.3** Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of these products.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

Simpson Strong-Tie Co., Inc.

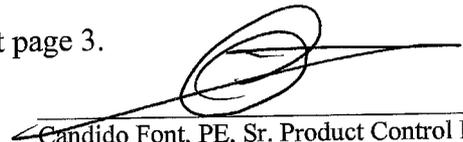
ACCEPTANCE NO.: 00-1023.05

APPROVED: DEC 14 2000

EXPIRES: 11/06/2005

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.


Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

SIMPSON STRONG-TIE CO., INC.

MSTA/ST STRAP TIES

GENERAL NOTES FOR MST A STRAP TIES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. THE MST A STRAP TIES ARE MADE FROM 16GA. GALVANIZED STEEL AND ARE USED TO CONNECT WOOD MEMBERS.
3. THE STEEL SHALL COMFORM TO ASTM A-525 AND HAVE A MINIMUM GALVANIZED COATING OF G60, AND A STRUCTURAL QUALITY GRADE 40 PER ASTM A-653 WITH A MINIMUM GALVANIZED COATING OF G60.
4. FASTENERS ARE COMMON WIRE NAILS, LAG SCREWS OR BOLTS FOR SINGLE SHEAR AS SHOWN AND NOTED ON THE APPROVAL.
5. ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED 33% FOR WIND LOADING WITH NO OTHER DURATION INCREASES ALLOWED.
6. ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 1991 EDITION & 1993 ERRATA FOR DOUGLAS FIR-LARCH (G = 0.50 OR BETTER) & TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761. OTHER SPECIES OR CONDITIONS SHALL BE ADJUSTED ACCORDINGLY.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	MSTA 30 & 36 STRAP TIES NOTES & SPECIFICATIONS
2	ST 12, 18 & 22 STRAP TIES NOTES & SPECIFICATIONS

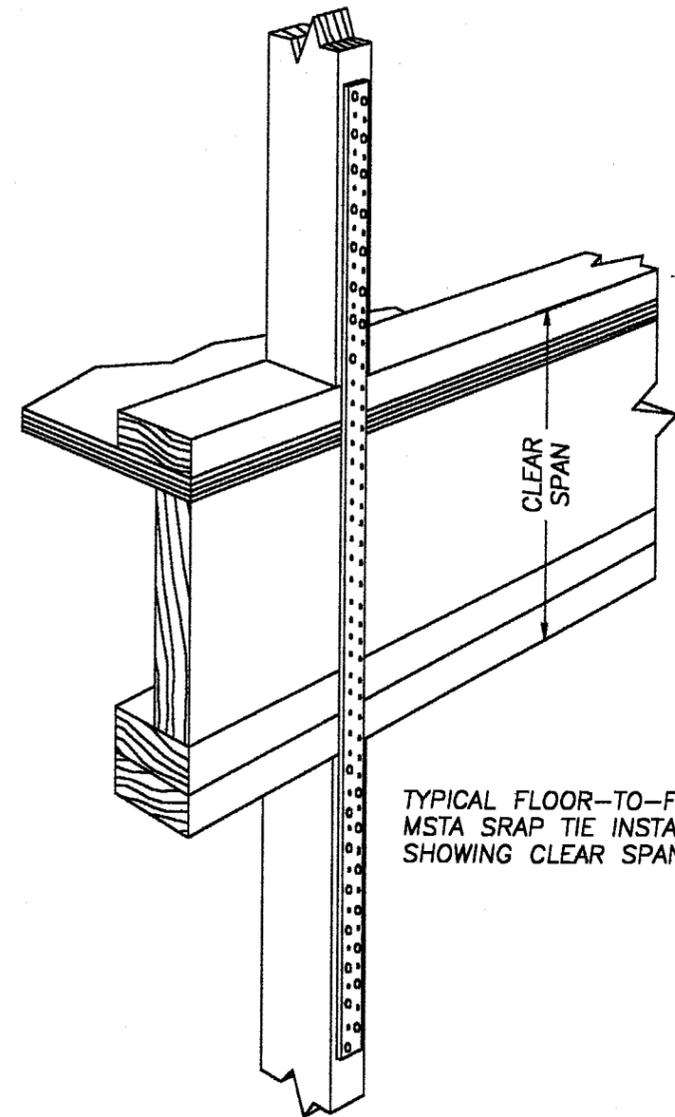
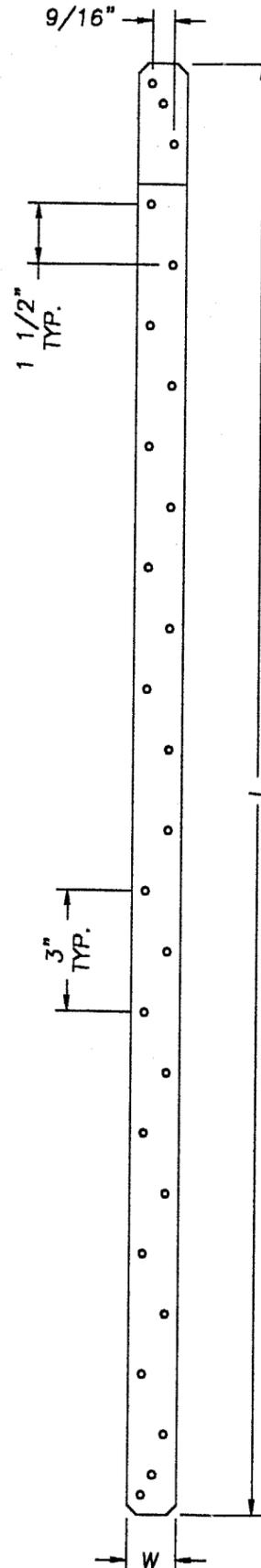
MODEL NO.	DIMENSIONS		STEEL F _y -KSI	NAILS 10d (1)	ALLOWABLE LOADS	
	W	L			NORMAL	UPLIFT
MSTA 30	1 1/4"	30"	42	22	1150	1150
MSTA 36	1 1/4"	36"	42	26	1150	1150

1. MINIMUM (10d) NAIL PENETRATION IS 1 3/4".
2. HALF OF THE FASTENERS ARE TO BE USED AT THE TOP MEMBER AND THE OTHER HALF ARE TO BE USED AT THE BOTTOM MEMBER.



Mark C. Fetherman
State of Florida Professional Engineer #40116

November 20, 2000



TYPICAL FLOOR-TO-FLOOR
MSTA SRAP TIE INSTALLATION
SHOWING CLEAR SPAN

SIMPSON STRONG-TIE CO., INC.
4637 CHABOT DRIVE, SUITE 200
PLEASANTON, CA. 94588
PH. 800.925.5099
FAX. 925.847.3068

PRODUCT: SIMPSON STRONG-TIE
MSTA & ST
SRAP TIES
PART OR ASSEMBLY:
MSTA 30 & 36
NOTES & SPECIFICATIONS

NO.	DATE	BY	REVISIONS

RW BUILDING
CONSULTANTS, INC.
813.684.3831

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 14, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1023.05

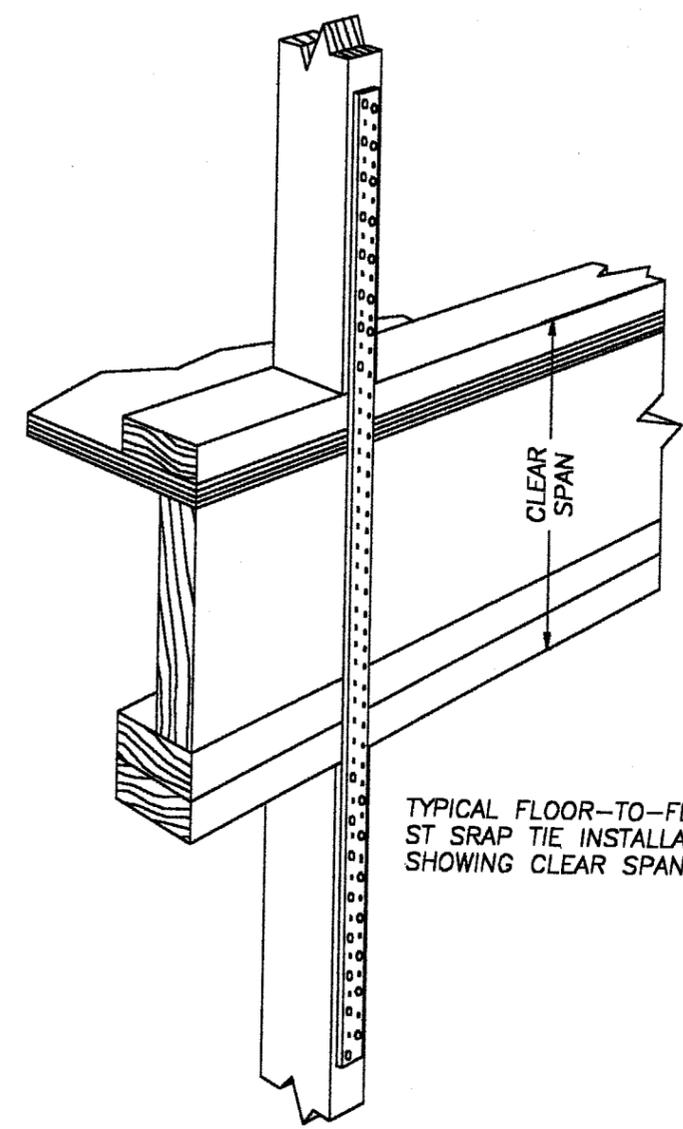
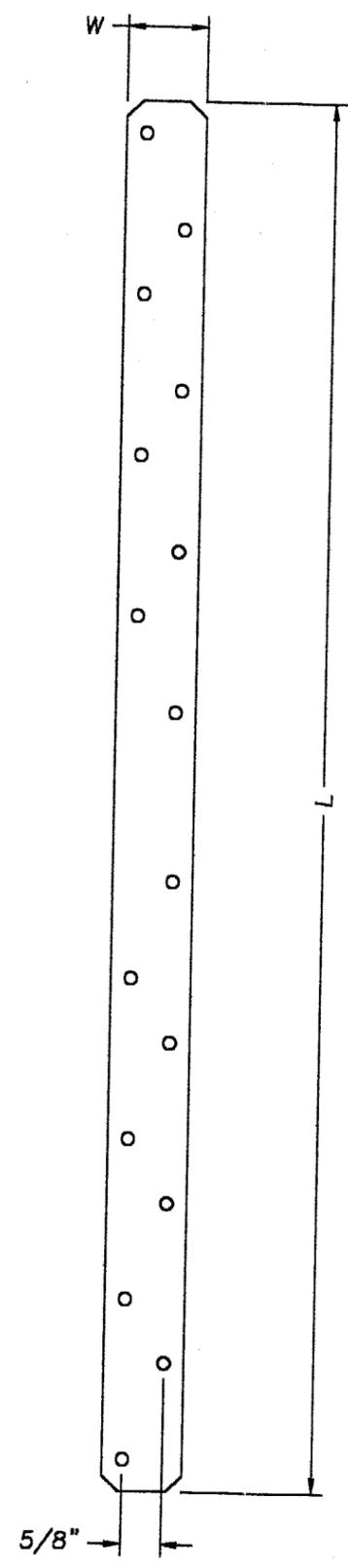
DATE: 11/17/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.:
S-2079
SHEET 1 OF 2

- GENERAL NOTES FOR ST STRAP TIES**
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
 2. THE ST STRAP TIES ARE MADE FROM 16GA. GALVANIZED STEEL AND ARE USED TO CONNECT WOOD MEMBERS.
 3. THE STEEL SHALL COMFORM TO ASTM A-525 AND HAVE A MINIMUM GALVANIZED COATING OF G60, AND A STRUCTURAL QUALITY GRADE 40 PER ASTM A-653 WITH A MINIMUM GALVANIZED COATING OF G60.
 4. FASTENERS ARE COMMON WIRE NAILS, LAG SCREWS OR BOLTS FOR SINGLE SHEAR AS SHOWN AND NOTED ON THE APPROVAL.
 5. ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED 33% FOR WIND LOADING WITH NO OTHER DURATION INCREASES ALLOWED.
 6. ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 1991 EDITION & 1993 ERRATA, FOR DOUGLAS FIR-LARCH (G = 0.50 OR BETTER) & TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761. OTHER SPECIES OR CONDITIONS SHALL BE ADJUSTED ACCORDINGLY.

MODEL NO.	DIMENSIONS		STEEL Fy-KSI	NAILS 16d (1)	ALLOWABLE LOADS	
	W	L			NORMAL	UPLIFT
ST 12	1 1/4"	11 5/8"	32	10	665	885
ST 18	1 1/4"	17 3/4"	32	14	890	1165
ST 22	1 1/4"	21 5/8"	32	18	1025	1165

1. MINIMUM (16d) NAIL PENETRATION IS 2".
2. HALF OF THE FASTENERS ARE TO BE USED AT THE TOP MEMBER AND THE OTHER HALF ARE TO BE USED AT THE BOTTOM MEMBER.

Mark C. Fetherman
 Mark C. Fetherman
 State of Florida Professional Engineer #40116
 November 20, 2000



TYPICAL FLOOR-TO-FLOOR ST SRAP TIE INSTALLATION SHOWING CLEAR SPAN

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE *December 14, 2000*
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *00-1023.05*

SIMPSON STRONG-TIE CO., INC.
 4637 CHABOT DRIVE, SUITE 200
 PLEASANTON, CA. 94588
 PH. 800.925.5099
 FAX. 925.847.3068

PRODUCT: SIMPSON STRONG-TIE
 MSTA & ST
 STRAP TIES

PART OR ASSEMBLY:
 ST 12, 18 & 22
 NOTES & SPECIFICATIONS

NO.	DATE	BY	REVISIONS

RW BUILDING CONSULTANTS, INC.
 813.684.3831

DATE: 11/17/00
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2079
 SHEET 2 OF 2