



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:

Varous Connectors: H, HH, FC, A

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.

ACCEPTANCE NO.: 00-0926.01
EXPIRES: 01/11/2004

Raul Rodriguez
Chief Product Control Division

**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: 01/11/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This renews the Notice of Acceptance No. 97-0107.05, which was issued on 08/14/97. 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 with No. SSTMD-001 and sheets 1 through 6 of 6, titled "Hurricane Ties, HH Header Hangers, FC Framing Clips, A34 Framing Anchors, A35 Framing Anchors and A35F Framing Anchors", prepared by Simpson Strong-Tie Co., Inc., dated 09/14/00 with no revisions. 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.

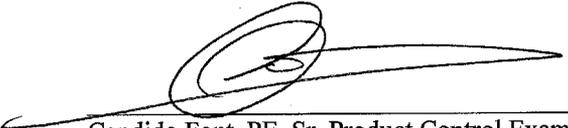
ACCEPTANCE NO.: 00-0926.01

APPROVED: JAN 1 1 2001

EXPIRES: JAN 1 1 2004

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.

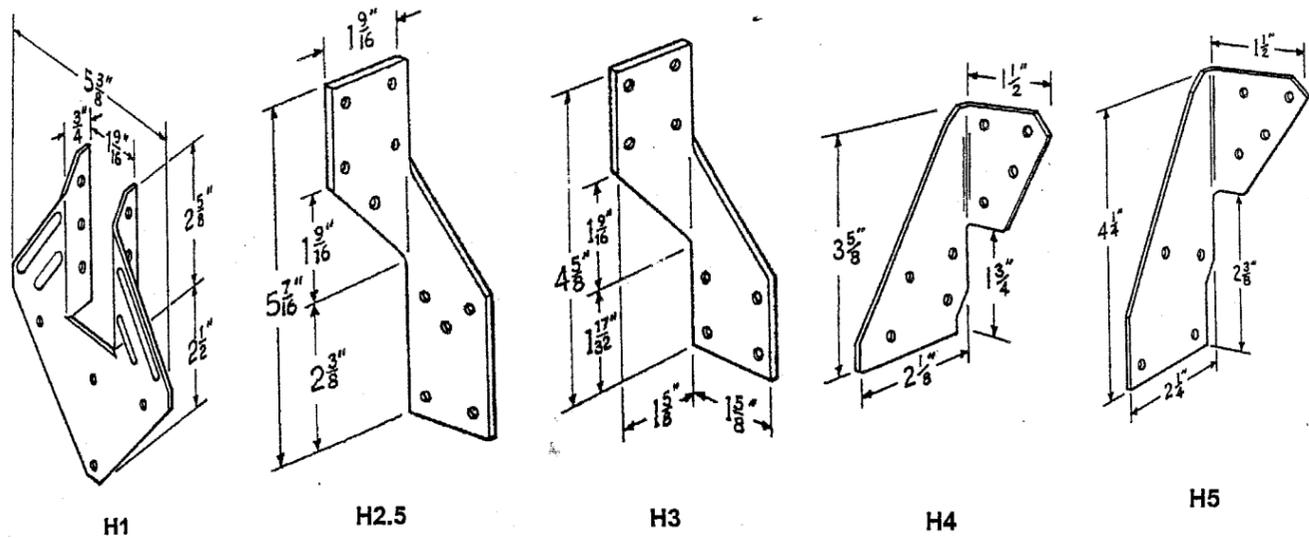
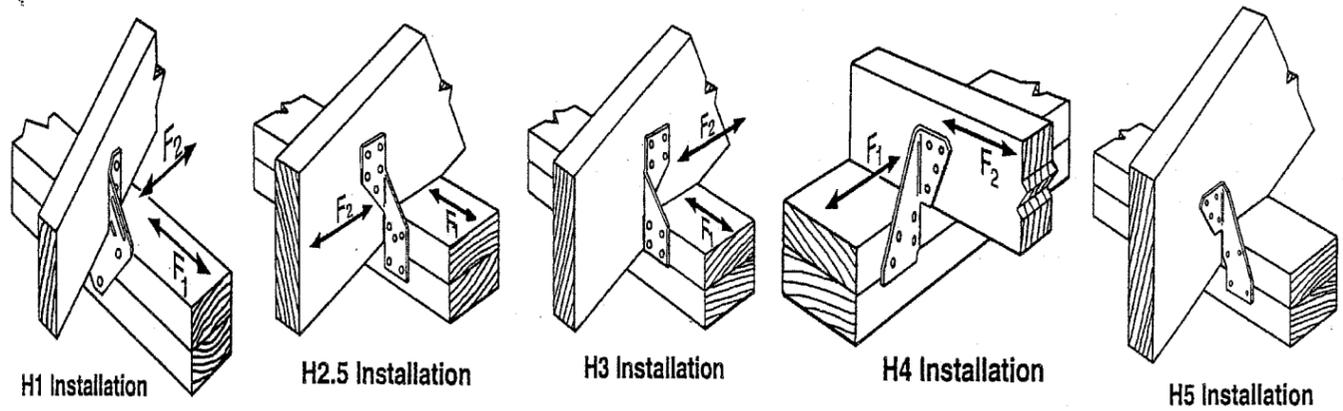

Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

HURRICANE TIES

Model No.	GA.	Fasteners		Allowable Loads		
		Rafter	Plate or Stud	Uplift	F1	F2
H1	18	6 - 8d x 1½"	4 - 8d	490	445	165
H2.5	18	5 - 8d x 1½"	5 - 8d	410	150	150
H3	18	4 - 8d x 1½"	4 - 8d	435	110	125
H4	20	4 - 8d x 1½"	4 - 8d	—	150	150
H5	18	4 - 8d x 1½"	4 - 8d	—	115	180

- In order to comply with the South Florida Building Code Section 2908.05, two (2) H2, H2.5, or H3 connectors shall be installed for a minimum uplift of 700#.
- Allowable loads are for one tie only.
- A minimum rafter thickness of 2 ½" must be used when framing anchors are installed on each side of the rafter and on the same side of the plate.



GENERAL NOTES

- Steel for the H1, H2.5, H3, and H5 shall conform to ASTM A-653 FS with $F_{y,min} = 28$ ksi and $F_{u,min} = 38$ ksi and have a minimum galvanized coating of G90. Steel for the H4 shall conform to ASTM A-653 SS GR 33 with $F_{y,min} = 33$ ksi and $F_{u,min} = 45$ ksi and have a minimum galvanized coating of G90.
- Fasteners are common wire nails unless otherwise noted.
- Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- Allowable loads are based on the National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch ($G=.50$ or better) and tests performed in accordance with ASTM D1761.

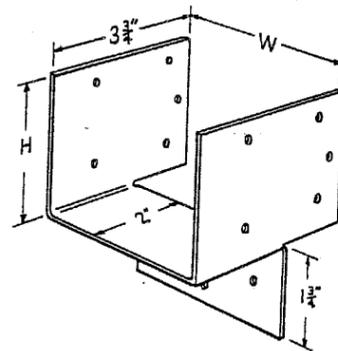
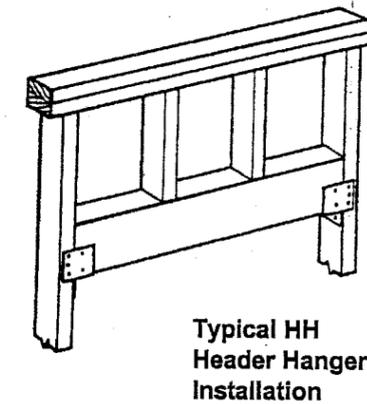
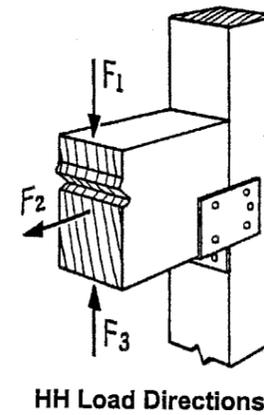
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE January 11, 2001
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-692601

FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC.	
	4637 Chabot Drive, Suite 200 Pleasanton, CA 94588	
	TITLE: HURRICANE TIES	
	Drawing No. SSTMD-001	Sheet No. 1/6
	Drawing Date: 9-14-00	Revision Date: —
Evon M.C. Ballash, P.E. Civil #PE0051762		

HEADER HANGERS

MODEL NO.	GA	Dimensions		Fasteners 16d		Allowable Loads		
		W	H	Stud	Header	F1	F2	F3
HH4	16	3½	2 - 13/16	9	4	1195	530	530
HH6	16	5½	5 - 1/8	12	6	1595	800	800

1. The above allowable loads require a minimum 2½" lumber thickness.



HH4

GENERAL NOTES

- 1) Steel for the HH4 and HH6 shall conform to ASTM A-653 FS with $F_{y,min} = 28$ ksi and $F_{u,min} = 38$ ksi and have a minimum galvanized coating of G90.
- 2) Fasteners are common wire nails unless otherwise noted.
- 3) Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- 4) Allowable down loads have not been increased by any duration factor.
- 5) Allowable loads are based on the National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch ($G=.50$ or better) and tests performed in accordance with ASTM D1761.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE January 11, 2001
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0926.01

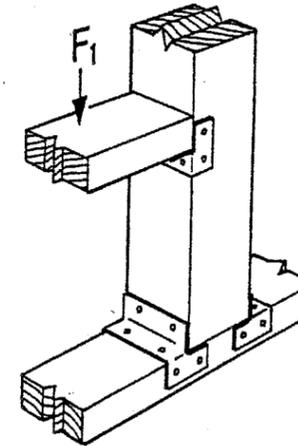
FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC. 4637 Chabot Drive, Suite 200 Pleasanton, CA 94588	
	TITLE: HH HEADER HANGERS	
	Drawing No. SSTMD-001	Sheet No. 2/6
	Drawing Date: 9-14-00	Revision Date: --
	Evon M.C. Ballash, P.E. Civil #PE0051762	

12/18/00
Evon M. C. Ballash

FC FRAMING CLIPS

MODEL NO.	GA	W in	FASTENERS		ALLOWABLE LOAD
			Post	Header	
FC4	16	3 ⁹ / ₁₆	6 - 16d	2 - 16d	800
FC6	16	5 ¹ / ₂	7 - 16d	3 - 16d	920

1. The above allowable loads require a minimum 2¹/₂" lumber thickness.
2. Loads may not be increased for short-term loading.

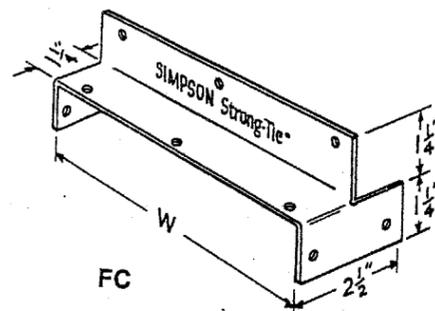


Typical FC Load Direction

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DATE January 11, 2001
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ACCEPTANCE NO. 00-0926.01

GENERAL NOTES

- 1) Steel for the FC4 and FC6 shall conform to ASTM A-653 FS with $F_{y,min} = 28$ ksi and $F_{u,min} = 38$ ksi and have a minimum galvanized coating of G90.
- 2) Fasteners are common wire nails unless otherwise noted.
- 3) Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- 4) Allowable down loads have not been increased by any duration factor.
- 5) Allowable loads are based on the National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch ($G=.50$ or better) and tests performed in accordance with ASTM D1761.

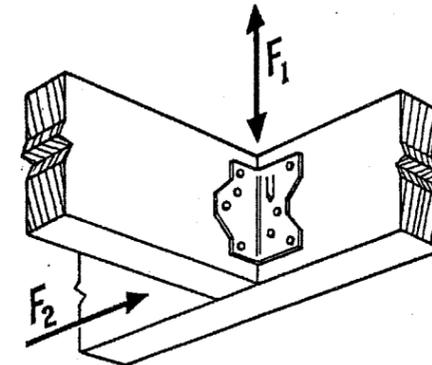


FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC. 4637 Chabot Drive, Suite 200 Pleasanton, CA 94588		12/15/00 Evon M. C. Ballash
	TITLE: FC FRAMING CLIPS		
	Drawing No.: 9-14-00	Sheet No.: 3/6	
	Drawing Date: SSTMD-001	Revision Date: --	
	Evon M.C. Ballash, P.E.	Civil #PE0051762	

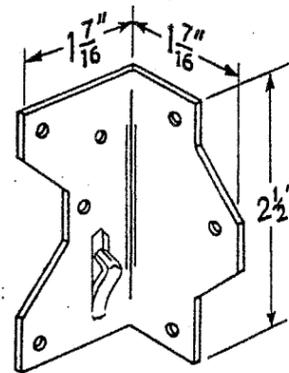
FRAMING ANCHORS

Model No.	GA	Load Direction	Fasteners 8d x 1½		Allowable Load
			Header	Joist	
A34	18	F1	4	4	345
A34	18	F2	4	4	280

1. Allowable loads are for one anchor. When anchors are installed on each side of the joist, the minimum joist thickness is 3".



A34



A34

GENERAL NOTES

- 1) Steel for the A34, A35 and A35F shall conform to ASTM A-653 FS with $F_{y,min} = 33$ ksi and $F_{u,min} = 45$ ksi and have a minimum galvanized coating of G90.
- 2) Fasteners are common wire nails unless otherwise noted.
- 3) Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- 4) Allowable down loads have not been increased by any duration factor.
- 5) Allowable loads are based on the National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch (G=.50 or better) and tests performed in accordance with ASTM D1761.

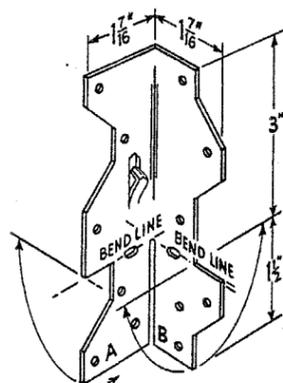
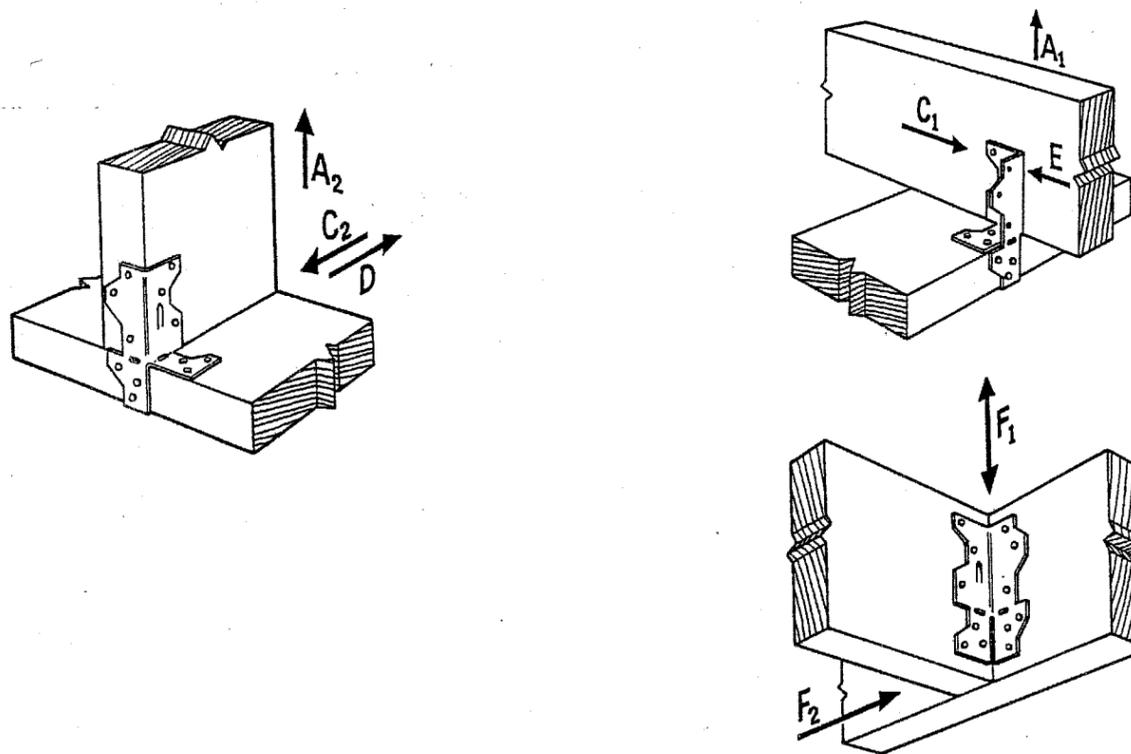
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BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0926.01

FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC.	
	4637 Chabot Drive, Suite 200 Pleasanton, CA 94588	
	TITLE: <u>A34 FRAMING ANCHORS</u>	
	Drawing No. <u>SSTMD-001</u>	Sheet No. <u>4/6</u>
	Drawing Date: <u>9-14-00</u>	Revision Date: <u>--</u>
Evon M.C. Ballash, P.E. Civil #PE0051762		

12/15/00
Evon M. C. Ballash

FRAMING ANCHORS

Model No.	GA	Load Direction	Fasteners 8d x 1 1/2		Allowable Load
			Header	Joist	
A35	18	A1	6	3	260
A35	18	E	6	3	260
A35	18	C1	6	3	170
A35	18	A2	6	6	260
A35	18	C2	6	6	260
A35	18	D	6	6	150
A35	18	F1	6	6	450
A35	18	F2	6	6	430



A35

GENERAL NOTES

- 1) Steel for the A34, A35 and A35F shall conform to ASTM A-653 FS with $F_{y,min} = 33$ ksi and $F_{u,min} = 45$ ksi and have a minimum galvanized coating of G90.
- 2) Fasteners are common wire nails unless otherwise noted.
- 3) Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- 4) Allowable down loads have not been increased by any duration factor.
- 5) Allowable loads are based on National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch ($G=.50$ or better) and tests performed in accordance with ASTM D1761.

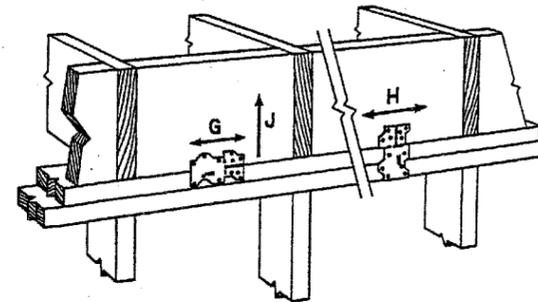
APPROVED AS COMPLYING WITH THE
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 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0926.01

FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC.	
	4637 Chabot Drive, Suite 200 Pleasanton, CA 94588	
	TITLE: <u>A35 FRAMING ANCHORS</u>	
	Drawing No.: <u>SSTMD-001</u>	Sheet No.: <u>5/6</u>
	Drawing Date: <u>9-14-00</u>	Revision Date: <u>--</u>
Evon M.C. Ballash, P.E.		Civil #PE0051762

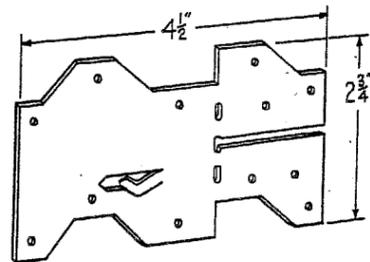
12/18/00
Evon M. C. Ballash

FRAMING ANCHORS

Model No.	GA	Load Direction	Fasteners 8 x 1 1/2		Allowable Load
			Header	Joist	
A35F	18	G	6	6	500
A35F	18	J	6	6	200
A35F	18	H	6	6	440



Typical A35F Installation



A35F

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DATE January 11, 2001
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0926.01

GENERAL NOTES

- 1) Steel for the A34, A35 and A35F shall conform to ASTM A-653 FS with $F_{y,min} = 33$ ksi and $F_{u,min} = 45$ ksi and have a minimum galvanized coating of G90.
- 2) Fasteners are common wire nails unless otherwise noted.
- 3) Allowable uplift loads have been increased 33% for wind loading with no other duration increases allowed.
- 4) Allowable down loads have not been increased by any duration factor.
- 5) Allowable loads are based on the National Design Specification for Wood Construction 1991 Edition & 1993 Errata, for Douglas Fir-Larch ($G=.50$ or better) and tests performed in accordance with ASTM D1761.

FOR OFFICE USE	SIMPSON STRONG-TIE CO., INC.	
	4637 Chabot Drive, Suite 200 Pleasanton, CA 94588	
	TITLE: <u>A35F FRAMING ANCHORS</u>	
	Drawing No. <u>SSTMD-001</u>	Sheet No. <u>6/6</u>
	Drawing Date: <u>9-14-00</u>	Revision Date: <u>--</u>
Evon M.C. Ballash, P.E. Civil #PE0051762		

12/13/00
Evon M.C. Ballash