



MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING
 140 WEST FLAGLER STREET, SUITE 1603
 MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339
www.miamidade.gov/buildingcode

BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION
NOTICE OF ACCEPTANCE (NOA)

Nu-Vue Industries, Inc.
 1055 East 29th Street
 Hialeah, FL 33013

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. BORA 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: Series AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT and NVHC-37 Wood Connectors

APPROVAL DOCUMENT: Drawing No. **NU-1**, titled "Truss and Top Plate Anchors", sheets 1 through 4 of 4, dated 02/18/08, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance 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 and renews NOA # 03-0224.10** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
 5/13/08

NOA No. 08-0325.02
 Expiration Date: May 22, 2013
 Approval Date: June 5, 2008
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **NU-1**, titled "Truss and Top Plate Anchors", sheets 1 through 4 of 4, dated 02/18/08, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

B. TESTS

Test reports on wood connectors per ASTM D1761-88 by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E.

	<u>Report No.</u>	<u>Wood Connector</u>	<u>Load Direction</u>	<u>Date</u>
1.	05-5195A	AB-5	F1 and F2	06/03/05
2.	05-5196A	AB-7	F1 and F2	06/11/05
3.	04-4995	NVTHJ-26	Upward	01/31/05
4.	04-4996	NVTHJ-28	Upward	01/31/05
5.	05-5612	IKE-1	Upward, L1 and L2	03/20/06
6.	06-5622	IKE-2	Upward, L1 and L2	05/01/06
7.	04-4908	NVTT	Upward and L1	07/21/04
8.	03-4631	NVTT	Upward and L1	06/21/04
9.	08-6711	NVHC-37	Upward, L1 and L2	03/14/08

C. CALCULATIONS

1. Shear value of common wire nails and steel plate tensile calculations, prepared by Vipin N. Tolat, P.E., Consulting Engineer, dated 03/20/08, signed and sealed by Vipin N. Tolat, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

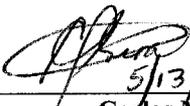
1. None.

F. STATEMENTS

1. Code conformance letters, issued by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E.

G. OTHER

1. Notice of Acceptance No. **03-0224.10**, issued to Nu-Vue Industries, Inc., approved on 04/17/03 and expiring on 05/22/08.



5/13/08

Carlos M. Utrera, P.E.

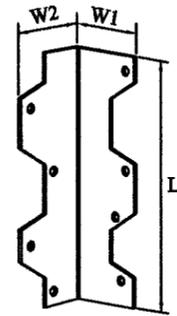
Product Control Examiner

NOA No. 08-0325.02

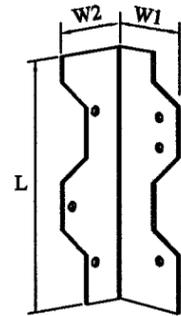
Expiration Date: May 22, 2013

Approval Date: June 5, 2008

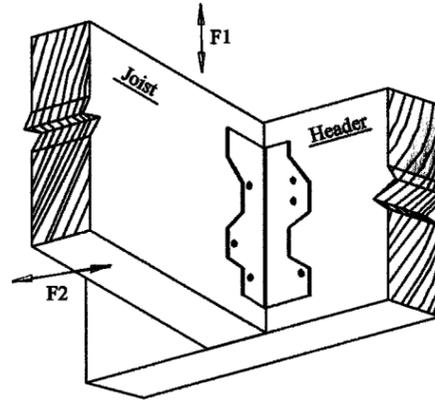
18 Gauge Angle Clips



AB-7



AB-5



Typical Installation

Product Code	Dimensions (inches)			Fastener Schedule		Allowable Loads (lbs)	
	W1	W2	L	Header	Joist	F1	F2
AB5	1½	2⅝	5	3-10dx1½"	3-10dx1½"	511	595
AB7	1½	2⅝	7	4-10dx1½"	4-10dx1½"	582	794

Notes: Nail wider angle leg to Joist and Shorter leg to Header.

GENERAL NOTES:

- Steel shall conform to ASTM A653, structural grade 33 (Min. yield 33 ksi) and a minimum galvanized coating of G 60 per ASTM A525.
- Allowable loads are based on National Design specifications (NDS) for wood construction, 2001/2005 Edition.
- Design loads are for Southern Pine species with a specific gravity of 0.55. Allowable loads for other species shall be adjusted accordingly.
- Common wire nail values are based on NDS table 11P, G=0.55 and have been reduced for Penetration Depth factor P/10D.
- Allowable loads for wind uplift have already been increased by a duration factor of 60% for anchor nail. Load values shown are without 33% steel stress increase.
- Allowable loads for more than a single connection cannot be added together. A design load which is divided into components in the direction given must be evaluated as follows:

$$\frac{\text{Actual Uplift}}{\text{Allowable Uplift}} + \frac{\text{Actual L1}}{\text{Allowable L1}} + \frac{\text{Actual L2}}{\text{Allowable L2}} \leq 1.0$$

- Allowable loads are based on 1½" thick wood members unless otherwise noted.
- All tie beams and grouted concrete masonry shall comply with chapter 21 of FBC. Concrete for tie beams and grout and mortar for concrete masonry shall be a minimum of 2500 psi. Concrete masonry shall comply with ASTM C90.
- All tests have been conducted in accordance with ASTM D-1761.

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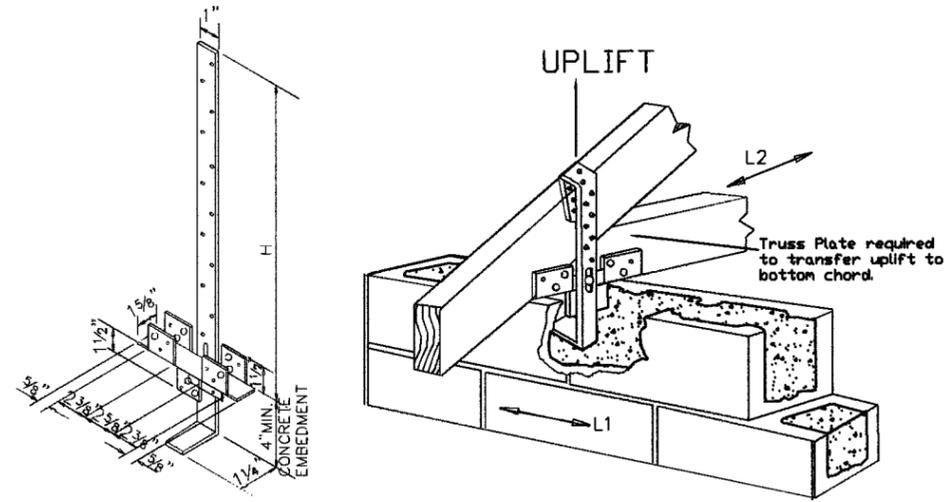
VIPIN N. TOLAT, PE (CIVIL)
FL. REG. # 12847
15123 LANTERN CREEK LANE
HOUSTON, TX 77068

[Signature]
3/20/08

Nu-Vue Industries, Inc. 1053-1059 East 29 Street
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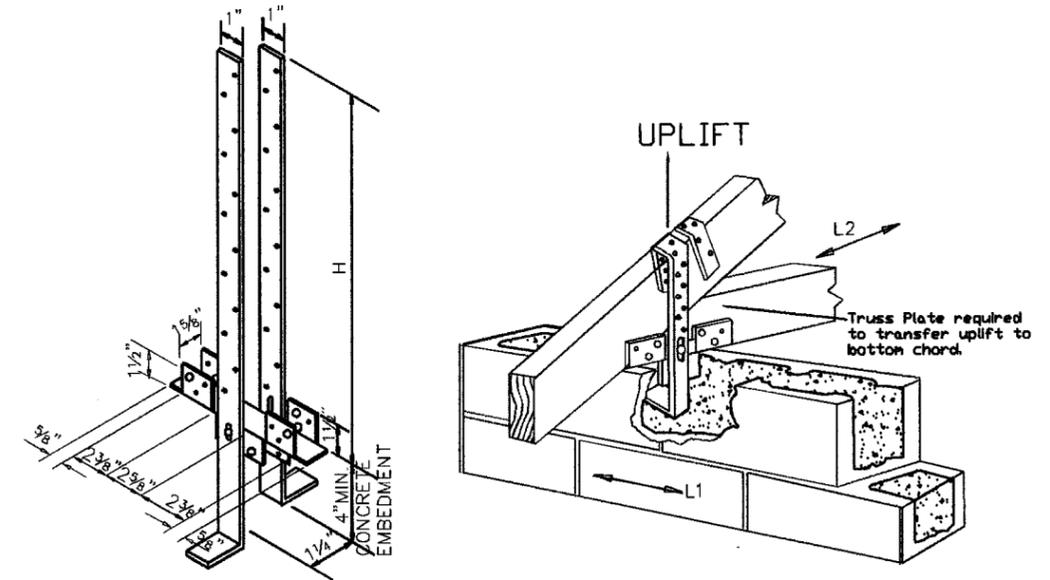
TRUSS AND TOP PLATE ANCHORS			
DWG #:	Sheet:	Date:	Revisions:
NU-1	1 of 4	Feb 18, 2008	

Deep Seat Truss Anchor. They are designed to resist lateral and uplift forces. The strap is made of 14 gauge steel and the seats of 20 gauge steel.



Assembly Product Code	Dimension H (inches)	Total No. of Fasteners in Strap 10d x 1 1/2"	Total No. of Fasteners in 20 GA. Seat 10d x 1 1/2"	Allowable Loads (lbs)		
				Uplift ⁶	L1 ⁶	L2 ⁶
NVSTA12	12	5	6	1046	700	1049
NVSTA16	16	6	6	1141	760	1144
NVSTA20	20	7	6	1236	823	1239
NVSTA22	22	8	6	1331	887	1335
NVSTA24	24	9	6	1426	950	1430

Holden Double Strap Riveted Truss Anchor. They are designed of 14 gauge steel plates to resist lateral and uplift forces. The seats are made of 20 gauge steel.



Assembly Product Code	Dimension H (inches)	Total No. of Fasteners in two Straps 10d x 1 1/2"	Total No. of Fasteners in 20 GA. Seat 10d x 1 1/2"	Allowable Loads (lbs)			
				Uplift ⁶	Uplift ⁵	L1 ⁶	L2 ⁶
NVHTA12	12	10	6	1506	1766	1050	1450
NVHTA16	16	12	6	1695	1987	1181	1631
NVHTA20	20	14	6	1883	2208	1312	1812
NVHTA22	22	16	6	2071	2429	1444	1994
NVHTA24	24	18	6	2259	2649	1575	2175

Notes:

1. Nails are necessary in straps and seat to achieve, desing loads
2. See note 6, sheet 1 for combined loading.
3. Nails through chords shall not force the truss plates.
4. For general notes, see sheet 1.
5. For higher uplift loads, concrete shall be 3000 psi.
6. Based on min. 2500 psi concrete.

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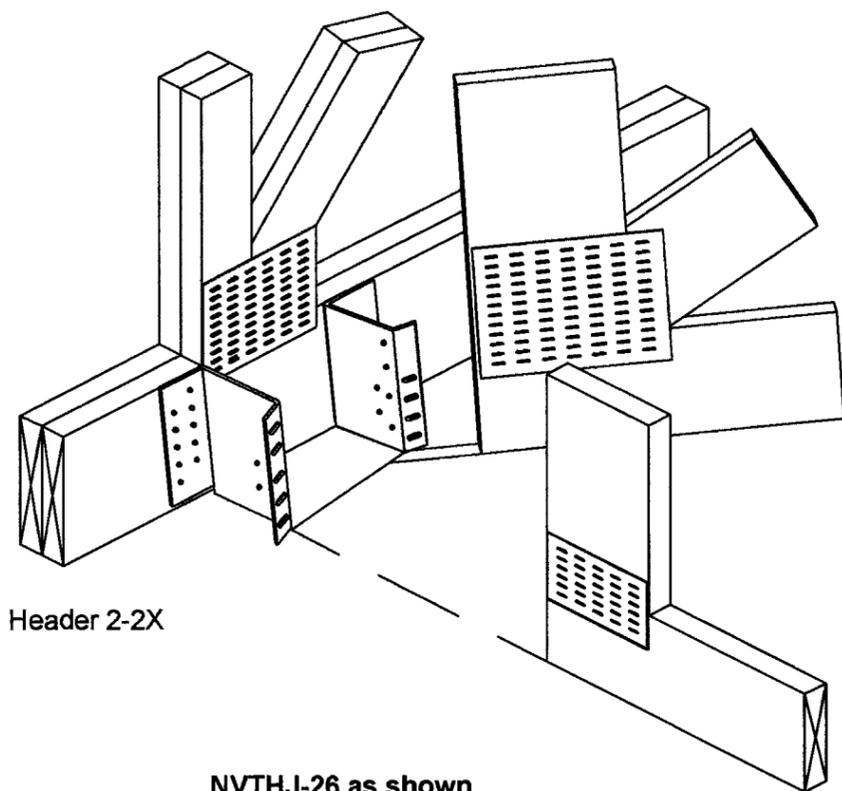
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TRUSS AND TOP PLATE ANCHORS			
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12 Gauge NVTHJ Truss Hip & Jack Hanger

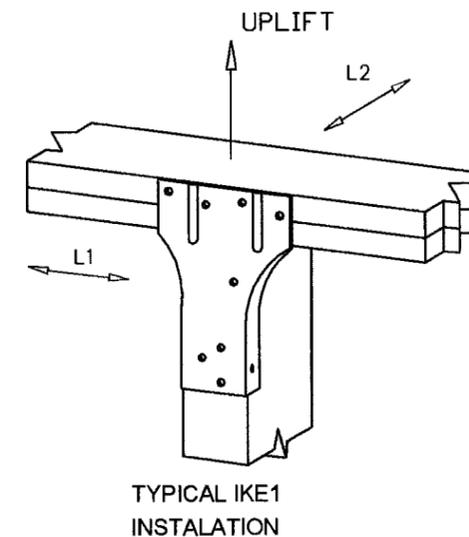
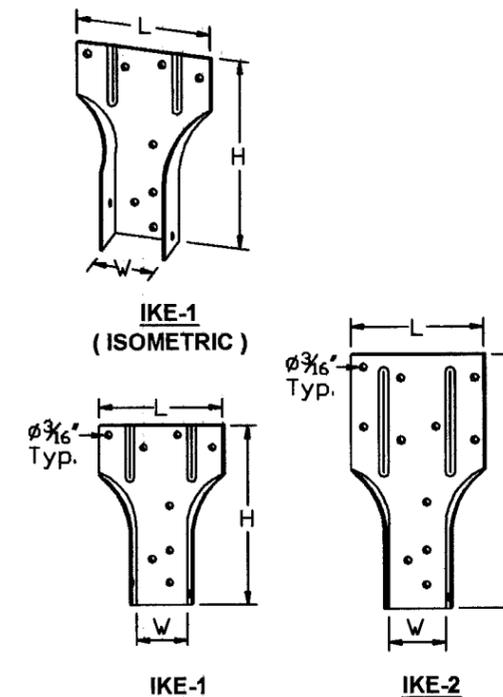
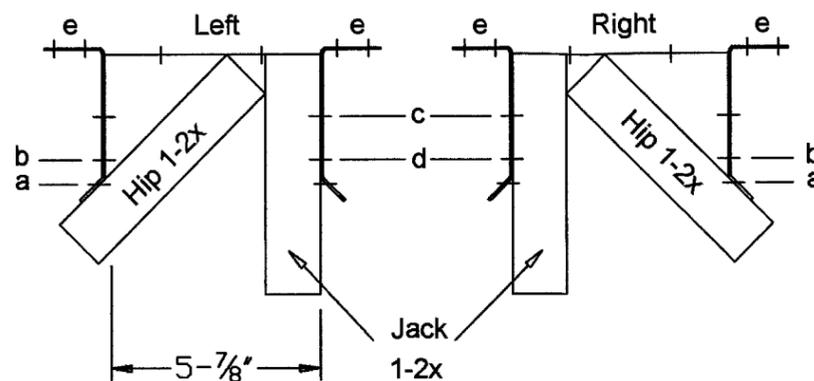
20G Stud Plate Ties



Header 2-2X

NVTHJ-26 as shown
NVTHJ-28 similar

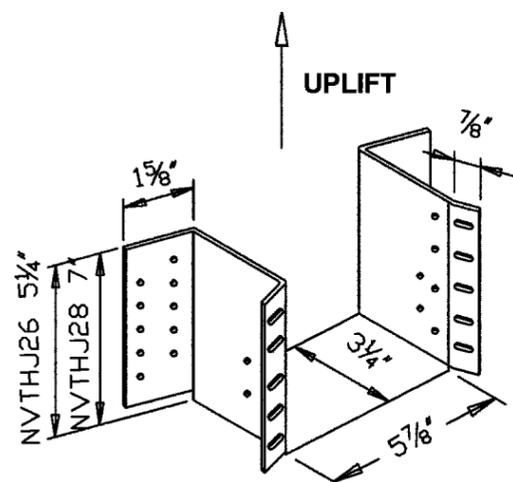
U.S. Patent No. 4,964,253



Product Code	Allowable Loads (lbs) S. Pine Uplift Loads	Header Nails 16d (e)	Nail Schedule					
			Hip Nail 10d			Jack Nail 10d		
			a	b	total	c	d	total
NVTHJ26	1478	16	4	3	7	2	3	5
NVTHJ28	1931	20	5	4	9	2	3	5

Note: For 1-2x members
10dx1 1/2" nails can be used

Product Code	Dimensions (inches)			Fasteners		Allowable Loads (lbs)		
	W	H	L	Stud	Plate	Uplift	L1	L2
IKE 1	1 1/2	5	3 1/2	6-10d	4-10d	787	337	337
IKE 2	1 1/2	6 5/8	3 1/2	6-10d	7-10d	932	451	318



NVTHJ-28 as shown
NVTHJ-26 similar

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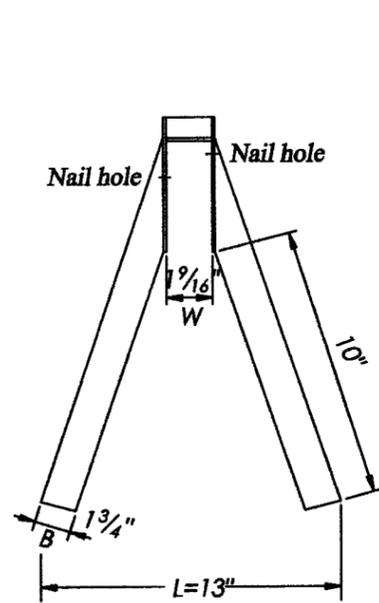
TRUSS AND TOP PLATE ANCHORS

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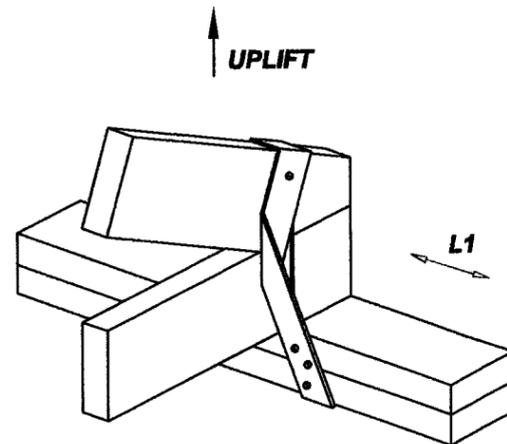
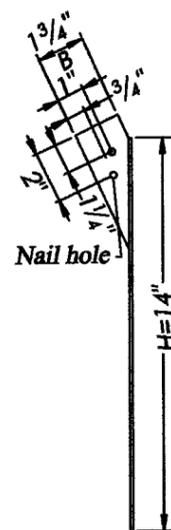
18 Gauge NVTT Sanibel Truss Strap

Product Code	Dimensions (inches)				Fasteners Schedule			Allowable Loads (lbs)	
	W	B	H	L	Truss	Top Plates	Hollow Concrete Masonry	Uplift	L1
NVTT-1	1 $\frac{1}{16}$ "	1 $\frac{3}{4}$ "	14	13	2-10dx1 $\frac{1}{2}$ "	6-10d	----	968	543
NVTT-2	1 $\frac{1}{16}$ "	1 $\frac{3}{4}$ "	14	13	2-10dx1 $\frac{1}{2}$ "	----	6- $\frac{1}{4}$ " \varnothing x1 $\frac{1}{2}$ " Tapcons	1584	465

- 1-10dx1 $\frac{1}{2}$ " nail is placed on each side of the Truss and 3-10dnails in each leg are placed in two top plates.
- 3- $\frac{1}{4}$ " dia. x 1 $\frac{1}{2}$ " long, $\frac{1}{4}$ " embedment tapcons are placed in each leg and into the hollow concrete masonry. Maintain 2 $\frac{1}{2}$ " edge distance from top of the block and spacing of 3" between the tapcons.



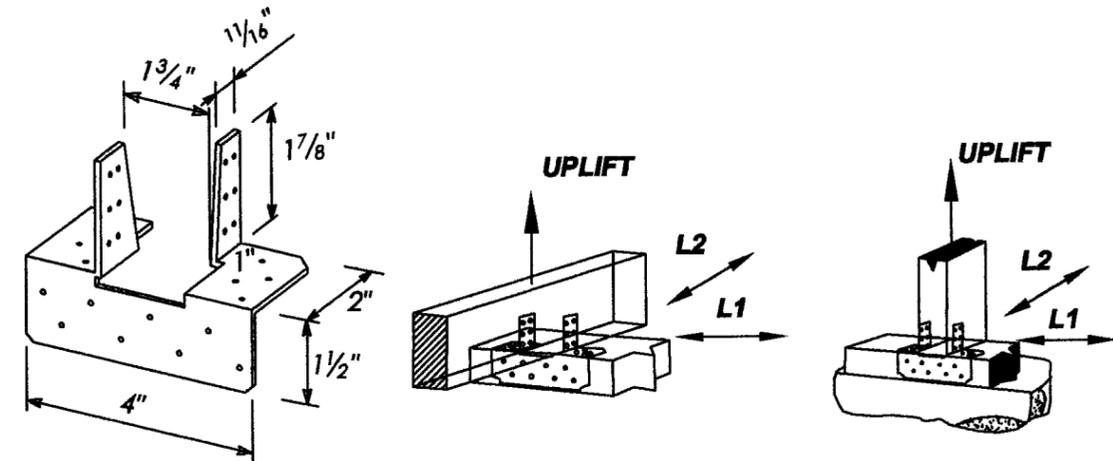
NVTT 1 and 2



NVTT-1 As Shown
NVTT-2 Similar except concrete masonry with tapcon anchors instead of Wood Plates and nails.

18 Gauge NVHC 37 5WAY Grip Clip (520)

Product Code	Description	Nail Schedule		Allowable Design Loads (lbs)		
		Header or Plate	Joist or Stud	Uplift	L1	L2
NVHC 37	5 Way Clip	16-8d or 16-10d	12-8d or 12-10d	702	560	637



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TRUSS AND TOP PLATE ANCHORS

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