MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Nu-Vue Industries, Inc.
1055 East 29th Street
Hialeah, Florida 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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section 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 NVSNP, NV/NVTH, NVTHS, NVHC, NVSTA and NVHTA Steel Wood Connectors

APPROVAL DOCUMENT: Drawing No. **NU-5**, titled "Skewed Nail Plate, NV358 & NV458 with Double NVTH Straps, NVTH/NVTHS Anchors & NVHC Hurricane Clips and NVSTA & NVHTA Heavy Duty Anchors with Seat", sheets 1 through 4 of 4, dated 06/25/2020, 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 Section.

MISSILE IMPACT RATING: None

LABELING: A permanent mark with the manufacturer's name, acronym or logo is to be located on each unit. A permanent label with the manufacturer's name or logo, city, state, model/series, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on each packaging carton.

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 **renews** and **revises NOA # 17-0802.07** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

NOA No. 20-0526.05
Expiration Date: July 30, 2025
Approval Date: July 30, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs

A. DRAWINGS *"Submitted under NOA #15-0507.03"*

1. Drawing No. **NU-5**, titled "Skewed Nail Plate, NV358 & NV458 with Double NVTH Straps, NVTH/NVTHS Anchors & NVHC Hurricane Clips and NVSTA & NVHTA Heavy Duty Anchors with Seat", sheets 1 through 4 of 4, dated 04/15/2015, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

B. TESTS *"Submitted under NOA # 04-0510.03"*

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

	Report No.	Wood Connector	Direction	Date
1.	PT # 03-4482	NVSNP3	Downward	09/15/03
2.	PT # 03-4625	NVHCL/R	Up& Sideways	01/21/04
3.	PT # 04-4641	NVSTA-24H	Up& Sideways	03/17/04
4.	PT # 04-4698	NVTH24	Up& Sideways	04/15/04
5.	PT # 03-4590	NVTH26/NV458	Sideways	12/31/03
6.	PT # 04-4642	NVHTA-24H	Up& Sideways	03/22/04
7.	PT # 03-4543	NVTH20/NV358	Up& Sideways	12/19/03

C. CALCULATIONS *"Submitted under NOA # 09-0721.05"*

1. Report of Design Capacities, dated 06/30/2009, sheets 1 through 12 of 12, prepared, signed and sealed by Vipin N. Tolat, P.E.

"Submitted under NOA # 04-0510.03"

2. Report of Design Capacities dated 04/27/2004, sheet 1 through 12, prepared, signed and sealed by Vipin N. Tolat, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENT *"Submitted under NOA #15-0507.03"*

1. Statement letter of code conformance to 2010 and 5th (2014) edition of the FBC, issued by Vipin N. Tolat, P.E., dated 04/29/2015, signed and sealed by Vipin N. Tolat, P.E.

"Submitted under NOA # 09-0721.05"

2. Statement letter of code conformance, no financial interest and no change of product, dated 07/08/2009, issued, signed and sealed by Vipin N. Tolat, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0526.05
Expiration Date: July 30, 2025
Approval Date: July 30, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA # 17-0802.07

A. DRAWINGS

1. Drawing No. **NU-5**, titled "Skewed Nail Plate, NV358 & NV458 with Double NVTH Straps, NVTH/NVTHS Anchors & NVHC Hurricane Clips and NVSTA & NVHTA Heavy Duty Anchors with Seat", sheets 1 through 4 of 4, dated 07/17/2017, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENT

1. Statement letter of code conformance to the 5th Edition (2014) and 6th Edition (2017) FBC, issued by Vipin N. Tolat, P.E., dated 07/25/2017, signed and sealed by Vipin N. Tolat, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0526.05
Expiration Date: July 30, 2025
Approval Date: July 30, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **NU-5**, titled "Skewed Nail Plate, NV358 & NV458 with Double NVTH Straps, NVTH/NVTHS Anchors & NVHC Hurricane Clips and NVSTA & NVHTA Heavy Duty Anchors with Seat", sheets 1 through 4 of 4, dated 06/25/2020, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

B. TESTS

1. Verification calculations for compliance with the ASTM D7147-05 and ASTM D7147-11, prepared by Vipin N. Tolat, P.E. dated 05/18/2020, signed and sealed by Vipin N. Tolat, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

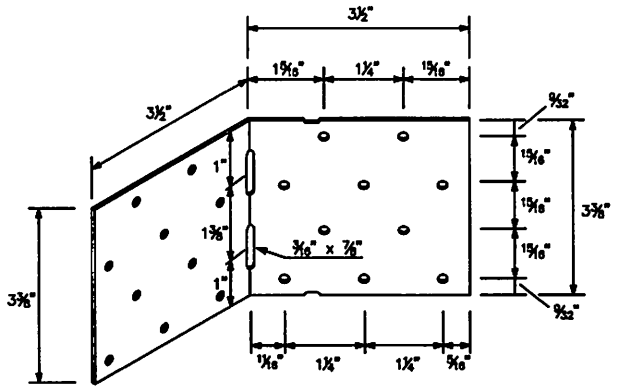
1. None.

F. STATEMENT

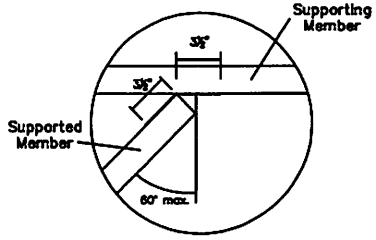
1. Statement letter of code conformance to the 6th Edition (2017) and the 7th Edition (2020) FBC and of no financial interest, issued by Vipin N. Tolat, P.E., dated 06/25/2020, signed and sealed by Vipin N. Tolat, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0526.05
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Holes ⅜" dia.



NVSNP3 Installation

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0526.05

Expiration Date 07/30/2025

By
Miami-Dade Product Control

TABLE 1
SKEWED NAIL PLATE

Product Code	Steel Gauge	Fastener Schedule	Allowable Loads (lbs)	
		Each End	Gravity	Uplift
NVSNP3	16	(6) 8d x 1½"	570	570

Notes:

1. Use 6 nail holes in each flange.
2. Do not bend nail plate more than once.
3. Supporting member shall be in the acute angle side with other flange behind the end of supported member (see sketch.)

General Notes:

1. Steel shall conform to ASTM A653, SS grade 33, min. yield 33 ksi, min. tensile strength 45 ksi and min. galvanized coating of G 60 per ASTM A653.

2. Allowable loads and fasteners are based on NDS 2015/2018.

3. Design loads are for S. Pine, specific gravity 0.55. Design loads for other species shall be adjusted per NDS 2015/2018.

4. Allowable uplift loads have been adjusted for load duration factor CD of 1.6. Allowable gravity loads have been adjusted for CD values of 1.0, per NDS 2015/2018. Design loads do not include 33% increase for steel and concrete.

5. Concrete in Tie beams shall be min. of 2500 psi. Concrete Masonry, Grout and mortar in concrete masonry shall be min. of 1500 psi. Concrete masonry shall comply with ASTM C90.

6. Combined load of Uplift, L1 and L2 shall satisfy the following equation.

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

7. Allowable loads are based on 1½" thick wood members unless otherwise noted.

8. All designs Conform to FBC 2017/2020, ASTM D1761 and ASTM D7147.

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

VIPIN N. TOLAT LICENSE No. 12847 STATE OF FLORIDA PROFESSIONAL ENGINEER

6/25/2020

Nu-Vue Industries, Inc.
1058-1059 East 29 Street
Hialeah, Florida 33013
Phone: (305) 694-0397
FAX: (305) 694-0398

SKEWED NAIL PLATE

DWG #:	Sheet:	Date:	
NU-5	1 of 4	June 25, 2020	

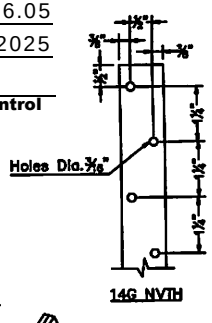
TABLE 2: NV358 – 14G Double NVTH Straps with 2 ply 18G seat

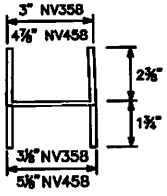
Assembly Product Code	14G Strap Product Code	Dimension H (inches)	Total No. of Fasteners in 2 Straps 10d x 3"	Total No. of Fasteners in Seat 10d x 3"	Allowable Loads (lbs)		
					Uplift	L1	L2
NV358–12	NVTH16	12	8	8	2245	1961	1839
NV358–14	NVTH18	14	10	8	2525	2206	2068
NV358–16	NVTH20	16	12	8	2806	2452	2298
NV358–20	NVTH24	20	14	8	3086	2697	2528
NV358–22	NVTH26	22	16	8	3367	2942	2758
NV358–24	NVTH28	24					
NV358–26	NVTH30	26					
NV358–32	NVTH36	32					
NV358–44	NVTH48	44					

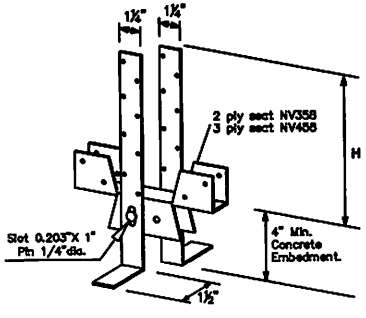
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0526.05
Expiration Date 07/30/2025
By
Miami-Dade Product Control

Notes:

1. Minimum embedment into concrete 4".
2. Nails are necesary in straps and seat to achieve design loads.
3. See Note 6 (Sheet 1) for combined load.
4. Nails through chords shall not force the truss plate on the opposite side.
5. For general notes, see sheet 1.







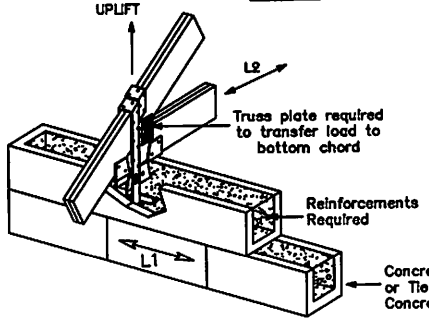
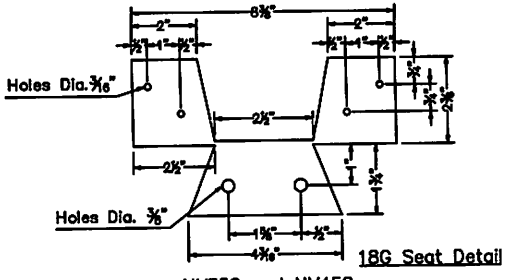


TABLE 3: NV458 – 14G Double NVTH Straps with 3 ply 18G seat

Assembly Product Code	14G Strap Product Code	Dimension H (inches)	Total No. of Fasteners in 2 Straps 10d x 3"	Total No. of Fasteners in Seat 10d x 3"	Allowable Loads (lbs)		
					Uplift	L1	L2
NV458–12	NVTH16	12	8	8	2245	2783	2078
NV458–14	NVTH18	14	10	8	2525	3131	2338
NV458–16	NVTH20	16	12	8	2806	3479	2597
NV458–20	NVTH24	20	14	8	3086	3827	2857
NV458–22	NVTH26	22	16	8	3367	4175	3117
NV458–24	NVTH28	24					
NV458–26	NVTH30	26					
NV458–32	NVTH36	32					
NV458–44	NVTH48	44					



18G Seat Detail
NV358 and NV458

VIPIN N. TOLAT, PE (CIVIL)
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15123 LANTERN CREEK LANE
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VIPIN N. TOLAT
LICENSE
No. 12847
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
6/25/20

Nu–Vue Industries, Inc.
1058–1059 East 29 Street
Hialeah, Florida 33013
Phone: (305) 694-0397
Fax: (305) 694-0398

NV358 & NV458 WITH DOUBLE NVTH STRAPS

DWG #:	Sheet:	Date:
NU–5	2 of 4	June 25, 2020

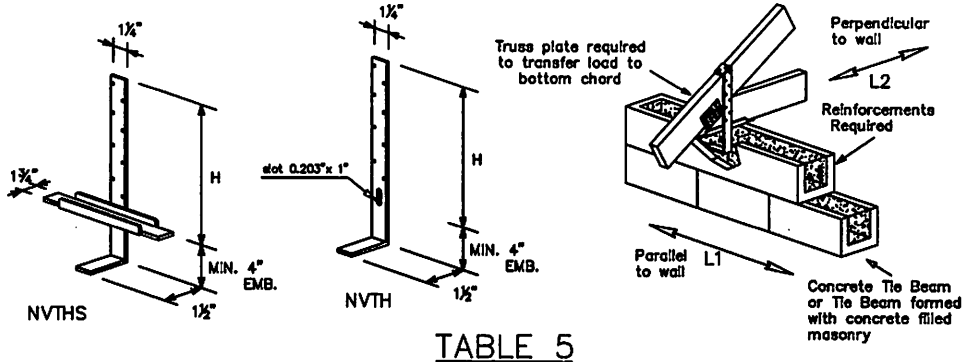


TABLE 4

Truss Anchors NVTH and Riveted Truss Anchors with Seat NVTHS

H Length (in)	Product Code		Gauge seat	Gauge strap
12	NVTH-16	NVTHS 212	18	14
14	NVTH-18	NVTHS 214	18	14
16	NVTH-20	NVTHS 216	18	14
18	NVTH-22	NVTHS 218	18	14
20	NVTH-24	NVTHS 220	18	14
22	NVTH-26	NVTHS 222	18	14
24	NVTH-28	NVTHS 224	18	14
26	NVTH-30	NVTHS 226	18	14
32	NVTH-36	NVTHS 232	18	14
44	NVTH-48	NVTHS 244	18	14

No. of Fasteners in Strap 10d x 1.5"	Maximum Allowable Load (lbs)		
	Uplift	L1	L2
5	1032	560	525
6	1222	671	630
7	1275	783	735
8	1329	783	735
9	1383	783	735
10	1437	783	735
11	1490	783	735
12	1544	783	735
13	1598	783	735

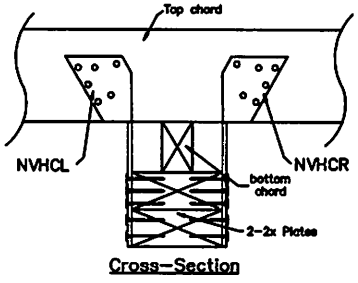
For general notes see sheet 1

TABLE 5

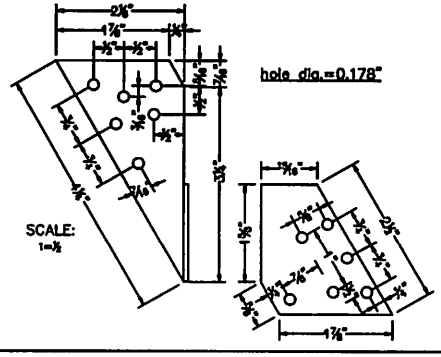
HURRICANE CLIPS

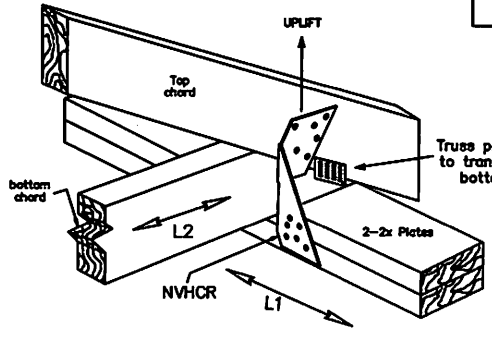
Product Code	Description	Gauge	Fasteners 10d x 1½"		Allowable Loads (lbs)		
			Header	Joist	Uplift	L1	L2
NVHCR	HURRICANE CLIP – RIGHT	18	6	6	525	253	333
NVHCL	HURRICANE CLIP – LEFT	18	6	6	525	253	333

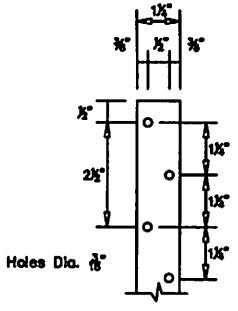
For Uplift, use two clips, one on each side to comply with section 2321.7 of the FBC



Cross-Section



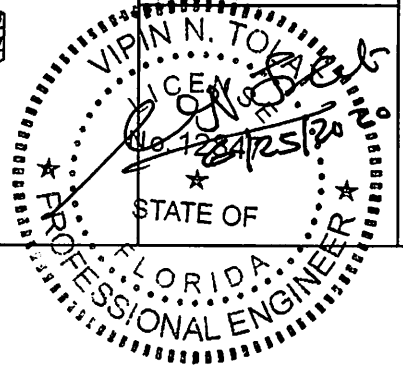




NVTH, NVTHS

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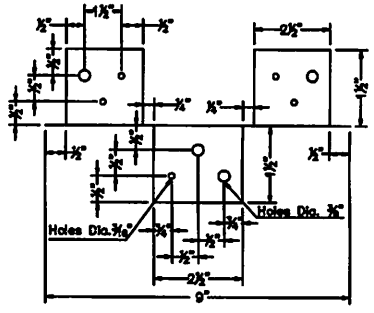
NVTH / NVTHS ANCHORS & NVHC HURRICANE CLIPS

DWG #:	Sheet:	Date:
NU-5	3 of 4	June 25, 2020

TABLE 6

NVSTA–Heavy Duty Anchors with 14G NVTH Straps and 1 ply 20G seat

Assembly Product Code	14G Strap Product Code	Dimension H (inches)	Total No. of Fasteners in Strap 10d x 1½"	Total No. of Fasteners in 20 GA. Seat 10d x 1½"	Allowable Loads (lbs) Uplift [6]	L1 [6]	L2 [6]
NVSTA–12H	NVTH16	12	5	6	1308	700	1049
NVSTA–14H	NVTH18	14	6	6	1426	760	1144
NVSTA–16H	NVTH20	16	7	6	1545	823	1239
NVSTA–20H	NVTH24	20	8	6	1664	887	1335
NVSTA–22H	NVTH26	22	9	6	1783	950	1430
NVSTA–24H	NVTH28	24					
NVSTA–26H	NVTH30	26					
NVSTA–32H	NVTH36	32					
NVSTA–44H	NVTH48	44					



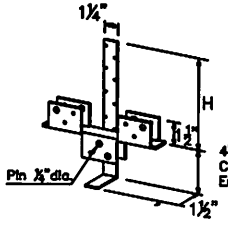
20G Seat

TABLE 7

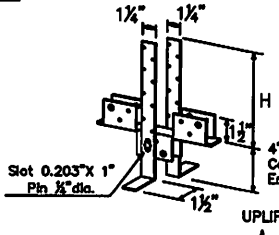
NVHTA–Heavy Duty Anchors with 14G Double NVTH Straps and 1 ply 20G seat

Assembly Product Code	14G Strap Product Code	Dimension H (inches)	Total No. of Fasteners in two Straps 10d x 1½"	Total No. of Fasteners in 20 GA. Seat 10d x 1½"	Allowable Loads (lbs) Uplift [6]	Uplift [5]	L1 [6]	L2 [6]
NVHTA–12H	NVTH16	12	10	6	1772	2078	1050	1450
NVHTA–14H	NVTH18	14	12	6	1994	2338	1181	1631
NVHTA–16H	NVTH20	16	14	6	2215	2598	1312	1812
NVHTA–20H	NVTH24	20	16	6	2437	2858	1444	1994
NVHTA–22H	NVTH26	22	18	6	2658	3117	1575	2175
NVHTA–24H	NVTH28	24						
NVHTA–26H	NVTH30	26						
NVHTA–32H	NVTH36	32						
NVHTA–44H	NVTH48	44						

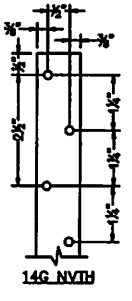
Notes:
1. Nails are necessary in straps and seat to achieve, desing loads.
2. See note 6, sheet 1 for combined loading.
3. Nails through chords shall not force the truss plates.
4. For general notes, see sheet 1.
5. For higher uplift loads, concrete shall be 3000 psi.
6. Based on min. 2500 psi concrete.

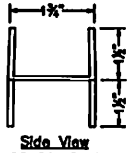


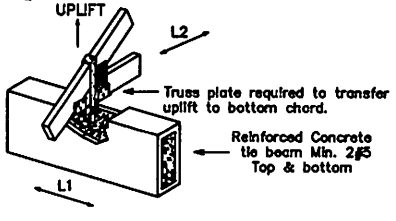
NVSTA
12H throght 44H

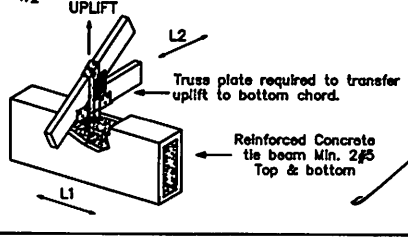


NVHTA
12H throght 44H









PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 20-0526.05
Expiration Date 07/30/2025
By
Miami–Dade Product Control

VIPIN N. TOLAT
LICENSE
VIPIN N. TOLAT, PE (CIVIL)
FL. REG. # 12847
16123 LANTERN CREEK LANE
HOUSTON, TX 77068
STATE OF
6/25/2020

Nu–Vue Industries, Inc.
1053–1059 East 29 Street
Hialeah, Florida 33013
Phone: (305) 694–0397
Fax: (305) 694–0398

NVSTA & NVHTA HEAVY DUTY ANCHORS WITH SEAT

DWG #:	Sheet:	Date:
NU–5	4 of 4	June 25, 2020