

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, 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 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 AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT and NVHC-37 Steel Wood Connectors

APPROVAL DOCUMENT: Drawing No. **JA-2029.3-23**, titled "SERIES AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT AND NVHC-37 STEEL WOOD CONNECTORS", sheets 1 through 5 of 5, dated 01/11/2024, prepared by Javad Ahmad PE, Inc., signed and sealed by Javad Ahmad, P.E. on 02/06/2024, 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: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 NOA # 23-0221.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P.E.





NOA No. 24-0213.07 Expiration Date: May 22, 2028 Approval Date: April 11, 2024 Page 1

04/11/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence Submitted Under Previous NOAs

A. DRAWINGS "Submitted under NOA #20-0901.05"

1. Drawing No. **NU-1**, titled "Truss and Top Plate Anchors", sheets 1 through 4 of 4, dated 08/18/2020, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

B. TESTS "Submitted under NOA # 08-0325.02"

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

	Report No.	Wood Connector	Load Direction	Date
1.	05-5195A	AB-5	F1 and F2	02/15/08
2.	05-5196A	AB-7	F1 and F2	02/15/08
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
10.	04-4641	NVSTA	Upward, L1 and L2	03/17/04
11.	04-4642	NVHTA	Upward, L1 and L2	03/22/04

C. CALCULATIONS "Submitted under NOA # 08-0325.02"

- 1. Shear value of common wire nails and steel plate tensile calculations, prepared by Vipin N. Tolat, P.E., Consulting Engineer, dated 03/20/2008, signed and sealed by Vipin N. Tolat, P.E.
- 2. Adjustment factor calculations per ASTM D7147, prepared by Vipin N. Tolat, P.E., Consulting Engineer, dated 03/06/2018, signed and sealed by Vipin N. Tolat, P.E. *"Submitted under NOA # 18-0312.06"*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

- Statement letter of code conformance to 2010 FBC and no financial interest, dated 01/31/2013, signed and sealed by Vipin N. Tolat, P.E. "Submitted under NOA # 13-0206.17"
- 2. Statement letter of code conformance to the 5th Edition (2014) and 6th Edition (2017) FBC and of no financial interest, dated 07/25/2017, signed and sealed by Vipin N. Tolat, P.E. *"Submitted under NOA # 17-0802.10"*
- **3.** Statement letter of code conformance to the 6th Edition (2017) and 7th Edition (2020) FBC and of no financial interest, dated 08/18/2020, signed and sealed by Vipin N. Tolat, P.E. *"Submitted under NOA # 20-0901.05"*

Sifang Zhao, P.E. Product Control Examiner NOA No. 24-0213.07 Expiration Date: May 22, 2028 Approval Date: April 11, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence Submitted under NOA # 23-0221.06 and newer

A. DRAWINGS

- 1. Drawing No. JA-1958.3-22, titled "NOA No. 20-0901.05 Revision", sheets 1 through 5 of 5, dated 01/05/2022, prepared by Javad Ahmad PE, Inc., signed and sealed by Javad Ahmad, P.E. on 04/11/2023. "Submitted under NOA # 23-0221.06"
- 2. Drawing No. **JA-2029.3-23**, titled "SERIES AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT AND NVHC-37 STEEL WOOD CONNECTORS", sheets 1 through 5 of 5, dated 01/11/2024, prepared by Javad Ahmad PE, Inc., signed and sealed by Javad Ahmad, P.E. on 02/06/2024. *"Submitted under NOA # 24-0213.07"*

B. TESTS

1. None.

C. CALCULATIONS

- 1. Allowable loads calculations, prepared by Javad Ahmad PE, Inc., dated 04/11/2023, signed and sealed by Javad Ahmad, P.E. *"Submitted under NOA # 23-0221.06"*
- 2. Allowable loads calculations, prepared by Javad Ahmad PE, Inc., dated 01/23/2024, signed and sealed by Javad Ahmad, P.E. *"Submitted under NOA # 24-0213.07"*

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 7th Edition (2020) of the FBC and of no financial interest, issued by Javad Ahmad PE, Inc., dated 02/08/2023, signed and sealed by Javad Ahmad, P.E. *"Submitted under NOA # 23-0221.06"*
- 2. Statement letter of code conformance to the 8th Edition (2023) of the FBC and of no financial interest, issued by Javad Ahmad PE, Inc., dated 01/23/2024, signed and sealed by Javad Ahmad, P.E. *"Submitted under NOA #24-0213.07"*

Sifang Zhao, P.E. Product Control Examiner NOA No. 24-0213.07 Expiration Date: May 22, 2028 Approval Date: April 11, 2024

NU-VUE INDUSTRIES, INC.

1055 EAST 29TH HIALEAH, FL 33013, TEL. 305-694-0397





GENERAL NOTES:

1.

2.

3.

ALLOWABLE LOADS AND ALL FASTENERS ARE WOOD CONSTRUCTION 2018.
DESIGN LOADS ARE BASED ON SOUTHERN YE 0.55. ALLOWABLE LOADS FOR OTHER SPECIES
2018. THIS CATALOG REFLECTS DESIGN CHANGES
THE TABLES AND NOTES IN THIS CATALOG SU THE RIGHT TO CHANGE DESIGN SPECIFICATION
CHANGES. DESIGN LOADS DO NOT INCLUDE 33% INCREA
ALLOWABLE UPLIFT LOADS HAVE BEEN ADJUS TO WIND AND EARTHQUAKE LOAD PER NDS 2
DESIGN CONFORMS TO 2023 EDITION OF FLOI COMBINED LOAD OF UPLIFT, LI AND L2 SHALL
ACTUAL UPLIFT + ACTUAL L1 ALLOWABLE UPLIFT ALLOWABLE L1
ALL TESTS HAVE BEEN CONDUCTED IN ACCOR THE DESIGN LOADS LISTED ARE BASED ON THI

1. THE LOWEST ULTIMATE LOAD DIVIDED BY THREE. 2. THE LOWEST LOAD PRODUCING 1/8 " DEFLECTION. 3. CALCULATIONS BASED ON NDS, AISI AND OTHER APPLICABLE CODES.





MATERIAL

1.	WOOD
	WOOD MEMBERS MUST BE S.P. NO. 1, SPECIFIC GRAVITY 0.55 OR AN APPROVED MEMBER WITH AN
	EQUIVALENT GRADE. DESIGN LOADS FOR OTHER SPECIES SHALL BE ADJUSTED PER NDS 2018. WOOD
	MEMBERS SHALL HAVE A MOISTURE CONTENT NOT EXCEEDING 19 PERCENT (16 PERCENT FOR
	STRUCTURAL ENGINEERED LUMBER). WOOD MEMBERS MUST BE USED UNDER CONTINUOUSLY DRY
	CONDITIONS AND WHERE SUSTAINED TEMPERATURES ARE LIMITED TO 100° F.
2.	PRESERVATIVE AND FIRE RETARDANT WOOD
	CONNECTORS OR FASTENERS USED IN CONTACT WITH PRESERVATIVE-TREATED AND FIRE-RETARDANT-
	TREATED WOOD SHALL BE IN ACCORDANCE WITH SECTION 2304.10.5.
3.	NAIL
	NAILS SHALL MEET THE REQUIREMENTS IN TABLE AND THE REQUIREMENTS SPECIFIED IN ASTM F 1667.
4.	<u>GFCMU MASONRY</u>
	MATERIAL AND QUALITY OF MASONRY CONSTRUCTION MUST COMPLY WITH THE APPLICABLE SECTIONS OF
	FBC 2023. MINIMUM CONCRETE OR GROUT COMPRESSIVE STRENGTH SHALL BE 1500 PSI. CONCRETE
	MASONRY SHALL COMPLY WITH ASTM C90
5.	<u>CONCRETE</u>
	MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 2500 PSI.
6.	<u>STEEL</u>
	CONNECTOR 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.

NT NOT EXCEEDING 19 PERCENT (16 PERCENT FOR
) MEMBERS MUST BE USED UNDER CONTINUOUSLY DRY
ERATURES ARE LIMITED TO 100° F.
<u>D</u>
TACT WITH PRESERVATIVE-TREATED AND FIRE-RETARDANT-
WITH SECTION 2304.10.5.
FABLE AND THE REQUIREMENTS SPECIFIED IN ASTM F 1667.
TRUCTION MUST COMPLY WITH THE APPLICABLE SECTIONS OF
COMPRESSIVE STRENGTH SHALL BE 1500 PSI. CONCRETE

RI	EFERENCES:	
1. 2. 3. 4.	AISI S100-16	

BASED ON NATIONAL DESIGN SPECIFICATIONS (NDS) FOR

ELLOW PINE WOOD SPECIES WITH A SPECIFIC GRAVITY OF S OR CONDITIONS MUST BE ADJUSTED ACCORDING TO NDS

AND DESIGN ADJUSTMENTS TO SOME NU-VUE PRODUCTS. JPERCEDE ALL PREVIOUS DOCUMENTS. NU-VUE RESERVES ONS WITHOUT NOTICE AND IS NOT LIABLE FOR SUCH

ASE FOR STEEL AND CONCRETE. STED FOR LOAD DURATION FACTOR CD OF 1.6. APPLICABLE 2018.

RIDA BUILDING CODE AND NDS 2018. L SATISFY THE FOLLOWING EQUATION.

ACTUAL L2 ALLOWABLE L2 <= 1.0 +

RDANCE WITH ASTM D-1761. E LEAST VALUE OF THE FOLLOWING:

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 24-0213.07
Expiration Date 05/22/2028 By Miami-Dade Product Control

JAVAD AHMAD PE, in	8800 NW 23rd St, Miami FL	33172	Ph: (305) 424-8001		support@ja-pe.com	CONSULTING
SERIES AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT AND NVHC-37 STEEL WOOD CONNECTORS		NO-VOE INDUGI KIEU, INC.	1055 East 29th Street	Hialeah, FL. 33013		
AG BS		7				
23 drawn by: AG 24 check by: BS	NOI	DESCRIPTION				
-2029.3-23	REVISIO	BΥ				
drawing no. JA-2029.3 date: 01/11/202	R	No. DATE				
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1		1	0	FĘ	5	

JAVAD AHMAD PE, inc

18 GAUGE ANGLE CLIPS



TYPICAL INSTALLATION





AB-5

AB-7

TABLE 1

18 GAUGE ANGLE CLIPS										
PRODUCT	DIM	ENSIONS	6 (in.)	FASTENER	SCHEDULE	ALLOWABLE LOADS (lbs)				
CODE	W1	W2	L	HEADER (10dx1-1/2")	JOIST (10dx1-1/2'')	F1	F2			
AB5	1-1/2	2-5/16	5	3	3	491	595			
AB7	1-1/2	2-5/16	7	4	4	573	794			

NOTES:

1. 2. SEE GENERAL NOTES, SHEET 1 NAIL WIDER ANGLE LEG TO JOIST /

			8800 NW 23rd St, Miami FL			SUPPOI (COLTING A-DE.COIII) CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS
	SERIES AB, NVSTA, NVHTA, NVTHJ, IKE,	NVTT AND NVHC-37 STEEL WOOD CONNECTORS		NU-VUE INDUST KIES, INC.	Hialeah, FL. 33013	
AND SHORTER LEG TO HEADER.	JA-2029.3-23 drawn by: AG	01/11/2024 check by: BS	REVISION	BY DESCRIPTION		
	drawing no.	date:	RE	No. DATE B		
PRODUCT REVISED as complying with the Florida Building Code NOA-No. 24-0213.07 Expiration Date 05/22/2028	A SHORE SHOW	JAD AHAA ICENE NO 70592 STATE OF ORIO		Digit Bight /Javac #2024 2024 12:22 -05'0	d Ahi 92 .02.0 2:52	mad 6
By Miami-Dade Product Control		2		2	OF 5	;

NVSTA & NVHTA

DEEP SEAT TRUSS ANCHOR: THEY ARE DESIGNED TO RESIST LATERAL AND UPLIFT FORCES. THE STRAP IS MADE OF 14 GAUGE STEEL AND SEATS OF 20 GAUGE STEEL.

the second second



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





TABLE 3

TABLE 2

ASSEMBLY PRODUCT CODE	DIMENSION	STRAP	FASTENERS IN 20 GA. SEAT	ALLOWA	BLE LOA	DS (Ibs.)
	H (in.)	10d X 1-1/2" 10d X 1-1/2"		UPLIFT*	L1*	L2*
NVSTA-12	12	5	6	1046	700	1049
NVSTA-16	16	6	6	1141	760	1144
NVSTA-20	20	7	6	1236	823	1239
NVSTA-22	22	8	6	1331	887	1335
NVSTA-24	24	9	6	1426	950	1430

	_			
DIMENSION		TOTAL NO. OF FASTENERS IN 2 STRAPS	20 GA. SEAT	
H (in.)		10d X 1-1/2"	10d X 1-1/2"	UP
12		10	6	1
16		12	6	1
20		14	6	1
22		16	6	2
24		18	6	2
	H (in.) 12 16 20 22	H (in.) 12 16 20 22	DIMENSION FASTENERS IN 2 STRAPS 10d X 1-1/2" 12 10 16 12 20 14 22 16	DIMENSION FASTENERS IN 2 STRAPS 10d X 1-1/2" FASTENERS IN 2 20 GA. SEAT 10d X 1-1/2" 12 10 6 16 12 6 20 14 6 22 16 6

NOTES:

. NAILS ARE NECESSARY IN STRAPS AND SEAT TO ACHIEVE DESIGN LOADS.

. NAILS THROUGH CHORDS SHALL NOT FORCE THE TRUSS PLATES.

BASED ON MINIMUM 2500 psi CONCRETE

4. **FOR HIGHER UPLIFT LOADS, CONCRETE SHALL BE 3000 PSI.

5. SEE GENERAL NOTES, SHEET 1



NVTHJ & IKE

12 GAUGE NVTHJ TRUSS HIP & JACK HANGER







US PATENT NO. 4,964,253

NVTHJ-26 AS SHOWN NVTHJ-28 SIMILAR



Ρ	PRODUCT			S. PINE					
	CODE	н	HIP NAIL 10d			ACK NAIL	10d	HEADER NAILS	
		Α	В	TOTAL	С	D	TOTAL	16d (E)	S. PINE
	NVTHJ26	4	3	7	2	3	5	16	1478
	NVTHJ28	5	4	9	2	3	5	20	1931

NOTES:

FOR 1-2X MEMBERS, 10d X 1-1/2" NAILS CAN BE USED SEE GENERAL NOTES, SHEET 1

2.







=- 3 A		\$3/16 ⁷	W	E-1	TUD PLATE \$43/16" TYP	° 1	O O T		JAVAD AHMAD PE. inc		JW 23rd St, Miami FL	331/2 Ph: (305) 424-8001	support@ja-pe.com consultance • streactured. • Fracedes • Building Envelope • system design • Product Approvals
	TYPICAL IKE-1 INSTALLATION TABLE 5										SERIES AB, NVSTA, NVHTA, NVTHJ, IKE, NVTT AND NVHC-37 STEEL WOOD CONNECTORS CONNECTORS NU-VUE INDUSTRIES, INC. 1055 East 29th Street		
PRODUCT	DIN	IENSION	IS (in.)	FASTI	ENERS	ALLC	WABLE LOA	DS (Ibs.)	SE				
	W	Н	L	STUD	PLATE	UPLIFT	L1	L2	. AG			NOI	
IKE 1	1-1/2	5	3-1/2	6-10d	4-10d	787	337	337	drawn by:			DESCRIPTION	
IKE 2	1-1/2	6-5/8	3-1/2	6-10d	7-10d	932	451	318	JA-2029.3-23 C		ISION	BY	
									drawing no. JA-202		RE	No. DATE BY	
						as Bu NC Ex	piration Date (h the Florida 4-0213.07	ALI STORE	AHAAAO 0592 P OF ALE		Digitall ighted avad 4 70592 29254 024.0 2:23:1 05'00'	hmad 2.06
						By Mi	ami-Dade Prod	uct Control	4	-		4 0	5

NVTT & NVHC

NAIL HOLE

18 GAUGE NVTT SANIBEL TRUSS STRAP





UPLIFT





TABLE 6

PRODUCT CODE	DIMENSIONS (in.)				FA	STENER SCHE	ALLOWABLE LOADS (Ibs)		
	w	В	н	L	TRUSS	TOP PLATES	HOLLOW CONCRETE MASONRY	UPLIFT	L1
NVTT-1	1-9/16	1-3/4	14	13	2-10d x 1-1/2"	6-10d		984	543
NVTT-2	1-9/16	1-3/4	14	13	2-10d x 1-1/2"		6-1/4" DIA. x 1-1/2" TAPCONS	1584*	465*

I	F	łВ	L	E	1

		OP PLATE	JAVAD AHMAD PE, inc	8800 NW 23rd St. Miami FL	33172	Ph: (305) 424-8001	Support@ja-pe.com consulting •structural design • Fraces • Bulliding envelope • system design • Product Approvals				
	UPLIFT UP									1055 East 29th Street Hialeah. FL. 33013	
PRODUCT	DESCRIPTION	NAIL SC	HEDULE	ALLOWA	ADS (Ibs)	AGBS					
CODE	DESCRIPTION	HEADER OR PLATE	JOIST OR STUD	UPLIFT	L1	L2	drawn by: check by:	-	DESCRIPTION		
NVHC 37	5 WAY CLIP	16-8d or 16-10d	12-8d or 12-10d	702	559	627		REVISION	DE		
							drawing no. JA-2029.3-23 date: 01/11/2024	REV	No. DATE BY		
	PRODUCT REVISED as complying with the Florida Building Code NOA-No. 24-0213.07 Expiration Date 05/22/2028 By							19 A Land	Digi Bight Java 2024 12:2 -05'(W A 592 54 4.02. 3:22	Dy nmad 06

NOTES:

SEE GENERAL NOTES, SHEET 1 1-10d X 1-1/2" NAIL IS PLACED ON EACH SIDE OF TRUSS AND 3-10d NAILS IN EACH LEG ARE PLACED IN TWO 2. TOP PLATES.

31/4" DIA. X 1-1/2" LONG, 1-1/4" EMBED. TAPCONS ARE PLACED IN EACH LEG AND INTO HOLLOW CONCRETE MASONRY. MAINTAIN 2-1/2" EDGE DISTANCE FROM TOP OF THE BLOCK AND SPACING OF 3" BETWEEN THE 3. TAPCONS

4. *DESIGN VALUE APPLICABLE FOR 8" OR GREATER CMU MASONRY