



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Florida Fasteners Direct, Inc.
1440 Rail Head Blvd. Ste. 3
Naples, FL 34110

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: Blue Tap Concrete Anchor

APPROVAL DOCUMENT: Drawing No. 09-001, titled "Blue Tap Screw Anchors", Sheets 1 and 2 of 2, dated 08/31/09, with Revision 2 dated 12/15/09, prepared, signed and sealed by Jesus Gonzalez, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance (NOA) number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", 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 # 09-0617.02 and consists of this page 1, evidence page E-1, as well as approval document mentioned above.

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



[Handwritten Signature]
01/25/10

NOA No: 10-0104.02
Expiration Date: October 07, 2014
Approval Date: February 17, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **09-001**, titled "Blue Tap Screw Anchors", Sheets 1 and 2 of 2, dated 08/31/09, with Revision 2 dated 12/15/09, prepared, signed and sealed by Jesus Gonzalez, P.E.

B. TESTS *"Submitted under NOA # 09-0617.02"*

1. Test report on Tension and Shear Capacity per ASTM E 488 and Corrosion Resistance per ASTM G 85 Annex 5 and TAS 114 Appendix E of 3/16" and 1/4" Carbon Steel and 410 Stainless Steel Anchors, prepared by Stork Twin City Testing Corporation, Test Report No. **3299445.1**, dated 03/25/09, signed and sealed by Thomas A. Kolden, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None

E. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

F. STATEMENTS

1. New company's registration with the State of Florida, dated 09/29/09, registered by Edward Pither.

"Submitted under NOA # 09-0617.02"

2. Code compliance letter dated 05/19/09, issued, signed and sealed by Jesus Gonzalez, P.E.
3. No financial interest letter dated 05/19/09, issued, signed and sealed by Jesus Gonzalez, P.E.
4. Distributor agreement between Da Ze Screws Industries Co., LTD, Taiwan, R.O.C as manufacturer and Lodge Import USA, LLC as distributor.



01/25/10

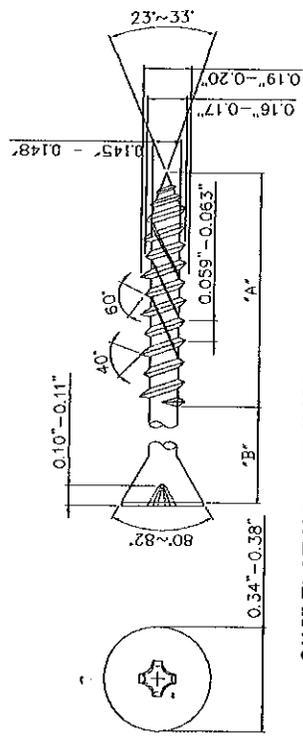
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 10-0104.02

Expiration Date: October 07, 2014
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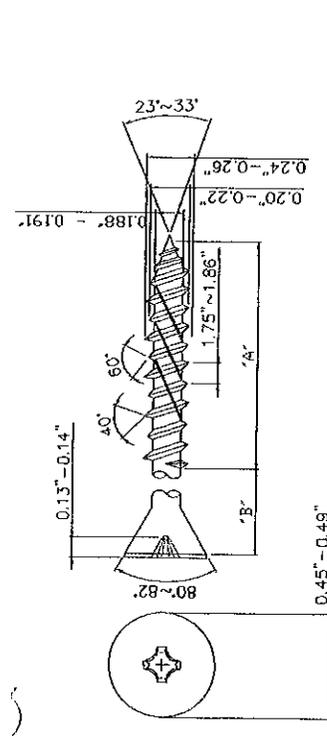
GENERAL NOTES

- These approval documents were prepared to satisfy the provisions set for the issuance of a Notice of Acceptance (NOA) by Miami Dade County's Product Control Division for High Velocity Hurricane Zone (HVHZ) of the Florida Building Code 2007.
- Tap Blue Screw Anchors are corrosion resistant masonry & concrete fasteners, either:
 - ASTM A29 (Su= 92 ksi, Sy= 56 ksi) Carbon Steel with a 1000 Hours Ruspert coating meeting the ASTM G85 and T-AS 114.
 - or A10 Stainless Steel
- Concrete shall conform to ACI-318, minimum strengths as noted on hollow concrete blocks shall conform to ASTM C-90
- Anchor installation shall be made in accordance with manufacturer's selection & installation instructions, technical data, and the Notice of Acceptance (NOA).
- Anchor capacity at specific edge distances are based on test results, edge distance below these tabulated values are not acceptable.
- Design loads based on average ultimate loads divided by a minimum of 4.
- Design loads are based on a minimum spacing distance of 2-1/4" for 3/8" anchors.
- Design loads are based on a minimum spacing distance of 3" for 1/2" anchors.
- Design loads are based on a minimum edge distance of 2-1/4" for 3/8" anchors.
- Design loads are based on a minimum edge distance of 2-1/2" for 1/2" anchors.
- Drill hole 1/8" deeper than desired embedment, using 5/8" carbide bit masonry bit for 3/8" screw anchors and 3/4" carbide bit masonry bit for 1/2" screw anchors.
- Reference Stark Term City Testing Corporation (Stark) report No. 2299443.
- Head marking: Anchors are identified with "S1" mark.

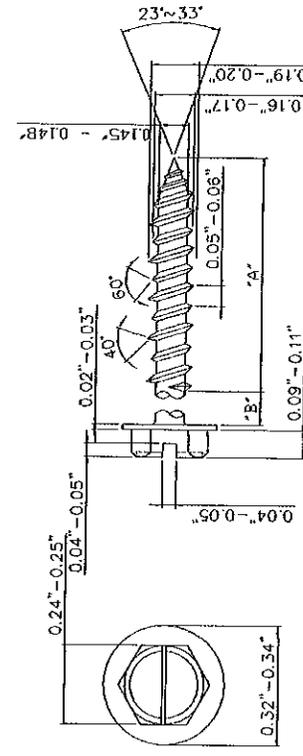
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-0104-02
 Expiration Date 10/17/2014
 By *[Signature]*
 Miami Dade Product Control
 Division



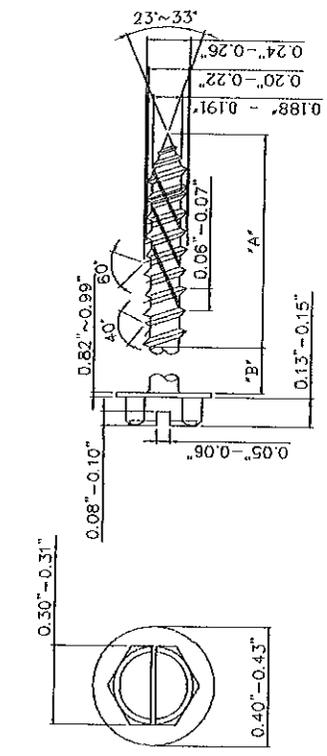
3/16" FLAT HEAD CONCRETE SCREW ANCHOR
N.T.S



1/4" FLAT HEAD CONCRETE SCREW ANCHOR
N.T.S



3/16" HEX HEAD CONCRETE SCREW ANCHOR
N.T.S



1/4" HEX HEAD CONCRETE SCREW ANCHOR
N.T.S

ANCHOR SIZE	Embed Depth	DESIGN LOADS (lbf)			
		2,000 PSI Concrete		Hollow CMU	
		SHEAR	TENSION	SHEAR	TENSION
3/16" CS	1"	291	125	259	128
3/16" CS	1-1/4"	291	187	259	128
3/16" CS	1-1/2"	366	228	259	128
1/4" CS	1"	263	170	322	175
1/4" CS	1-1/4"	263	214	322	175
1/4" CS	1-1/2"	436	317	322	175
1/4" SS	1"	297	183	363	166
1/4" SS	1-1/4"	297	223	363	166
1/4" SS	1-1/2"	418	417	363	166

Values are valid for Flat Head, Hex Head or Nylon Head Concrete Screw Anchors
 CS- Carbon Steel, SS- 410 Stainless Steel

ENGINEERING
Jesus Gonzalez P.E., LEED AP
 PE# 68553
 7364 Seaglebrook Dr.
 Stanley, NC 28164
 (704) 827-1769

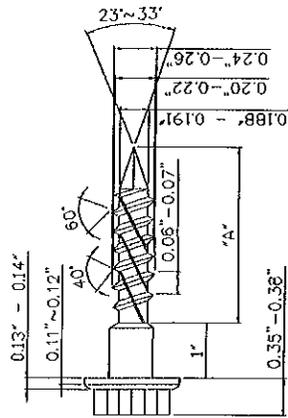
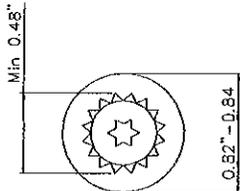


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REV	DATE
1	8-31-2009
2	12-15-2009

DRAWN: JG
 DESIGN: JG

DWG: 09-001



1/4" NYLON HEAD CONCRETE SCREW ANCHOR

3/16" Carbon Steel (CS) Anchor			
Model	Shank Length "B"	Full Thread	Thread Length "A"
3C32	1.07-1.19"	1.61-1.70"	1.93-2.01"
3C45	0.15-0.17"	0.65-0.69"	1.93-2.01"
3C57	1.12-1.16"	1.95-1.87"	1.93-2.01"
3C70	2.82-2.86"	1.93-2.01"	1.93-2.01"
3C82			
3C100			
3C125			

* C - Countersunk Head

3/16" Carbon Steel (CS) Anchor			
Model	Shank Length "B"	Full Thread	Thread Length "A"
3H52	1.06-1.16"	1.57-1.67"	1.93-2.01"
3H45	0.15-0.17"	0.61-0.65	1.93-2.01"
3H57	1.09-1.13	1.80-2.01	1.93-2.01"
3H70	2.56-2.60	2.20-2.28"	2.20-2.28"
3H82			
3H100			
3H125			

* H - Hexagonal Head

1/4" Carbon Steel (CS) & Stainless Steel (SS) Anchor			
Model	Shank Length "B"	Full Thread	Thread Length "A"
4C32	1.06-1.16"	1.57-1.67"	1.93-2.01"
4C45	0.11-0.13	0.61-0.65	1.93-2.01"
4C57	1.09-1.13	1.80-2.01	1.93-2.01"
4C70	2.56-2.60	2.20-2.28"	2.20-2.28"
4C82			
4C100			
4C125			

* C - Countersunk Head

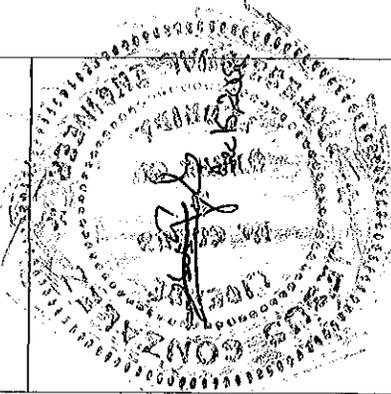
1/4" Carbon Steel (CS) & Stainless Steel (SS) Anchor			
Model	Shank Length "B"	Full Thread	Thread Length "A"
4H32	1.21-1.31"	1.58-1.67"	2.06-2.14"
4H45	0.11-0.13	0.23-0.25	2.06-2.14"
4H57	0.49-0.53	0.96-1.00	2.20-2.28"
4H70	1.67-1.71	1.67-1.71	2.20-2.28"
4H82			
4H100			
4H125			

* H - Hexagonal Head

PRODUCT REVISED
 as complying with the Florida
 Building Code
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 By [Signature]
 Miami Trade Product Control
 Division

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