



MIAMI-DADE COUNTY
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) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov

Butler Manufacturing Company
13500 Botts Road
Grandview, Missouri 64030

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Butlerib II" 0.0235" (min.) Galvalume Steel Structural Roof Panel

APPROVAL DOCUMENT: Drawing No. B, titled "Butlerib II", sheets 1 through 5 of 5, prepared by Butler Manufacturing Company, last revision #4 dated December 08, 2008, signed and sealed by Russell L. Benton, P.E. on December 10, 2008, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 **renews NOA # 08-0208.03** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
 02/18/2009

NOA No. 09-0107.07
Expiration Date: 02/24/2014
Approval Date: 02/18/2009
Page 1

Butler Manufacturing Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0816.09

A. DRAWINGS

1. *Drawing No. B, sheets 1 through 5 of 5, prepared by Suresh C. Satsangi, P.E., dated November 9, 1999, signed and sealed by Suresh C. Satsangi, P.E.*

B. TESTS

1. *Test report on Large Missile Impact and Uplift Resistance per UL 580 Class 90 on Butlerib II Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0063-0315-99, dated July 23, 1999, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Celotex, Report No. 520223, dated 08/02/99, signed and sealed by R. C. Miller, P.E.*
3. *Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Celotex, Report No. 520223, dated 08/02/99, signed and sealed by R. C. Miller, P.E.*
4. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Celotex, Report No. 520223-2, dated 08/03/99, signed and sealed by R. C. Miller, P.E.*

C. CALCULATIONS

1. *Calculations titled "Butlerib II Roof System - Panels", 7 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
2. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 07/28/99, 7 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
3. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 12/21/99, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by National Steel, dated 02/12/99, with chemical composition and mechanical properties of galvalume steel.*
2. *Tensile Test on specimen #1 of Test No. 0063-0315-99, Report No. 9CM-777, prepared by QC Metallurgical, Inc., dated 04/23/99, signed and sealed by Frank Grate, P.E.*



Helmy A. Makar, P.E., M.S.

Product Control Examiner

NOA No. 09-0107.07

Expiration Date: 02/24/2014

Approval Date: 02/18/2009

Butler Manufacturing Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0503.03

A. DRAWINGS

1. *Drawing No. B, sheets 1 through 5 of 5, prepared by Suresh C. Satsangi, P.E., dated November 9, 1999, last revision #1 dated April 27, 2000, signed and sealed by Suresh C. Satsangi, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Butler II Wind Load Design for Roof", dated 01/14/00, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
2. *Calculations titled "Butler II Wind Load Design for Roof", dated 08/15/00, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*

D. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0128.01

A. DRAWINGS

1. *Drawing No. B, titled "Butler II", sheets 1 through 5 of 5, prepared by Butler Manufacturing Company, signed and sealed by John Ernest Lamb, P.E. on April 30, 2003*

B. TESTS

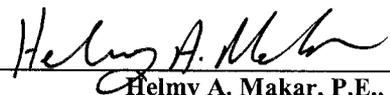
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.

Product Control Examiner

NOA No. 09-0107.07

Expiration Date: 02/24/2014

Approval Date: 02/18/2009

Butler Manufacturing Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0208.03

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. B, titled " Butlerib II ", sheets 1 through 5 of 5, prepared by Butler Manufacturing Company, last revision #4 dated December 08, 2008, signed and sealed by Russell L. Benton, P.E. on December 10, 2008.*

B. TESTS

1. *Test report on Uniform Static Uplift Pressure per ASTM E-1592 on Butlerib II Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0063-0904-08, dated December 15, 2008, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

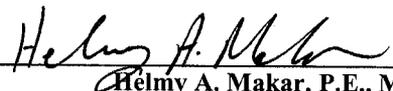
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



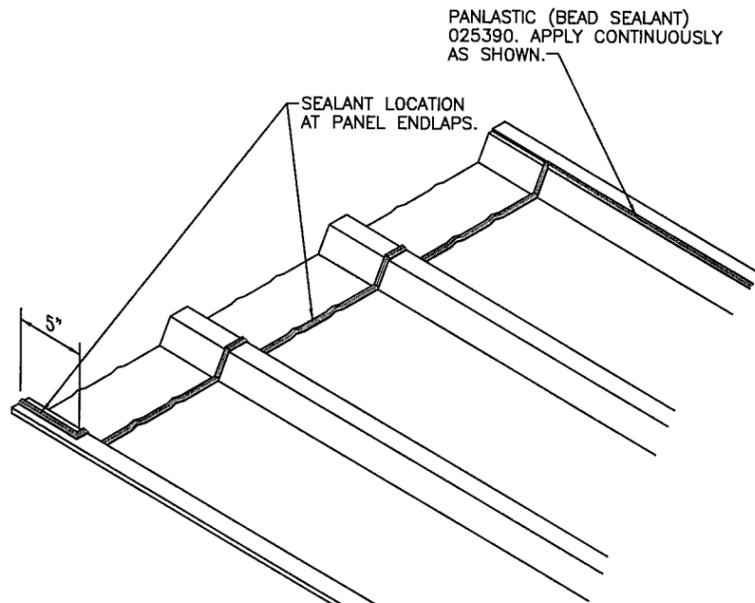
Helmy A. Makar, P.E., M.S.

Product Control Examiner

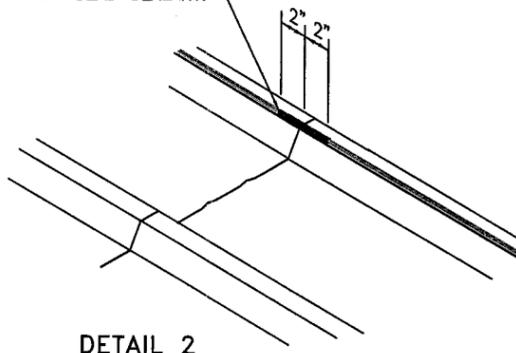
NOA No. 09-0107.07

Expiration Date: 02/24/2014

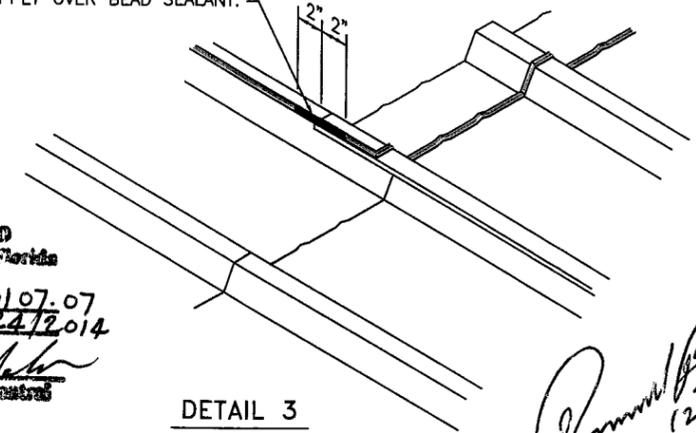
Approval Date: 02/18/2009



INSTALL 0'-4" OF PANLASTIC (CARTRIDGE TYPE) 025392 AT EACH PANEL TO PANEL END LAP. APPLY OVER BEAD SEALANT.



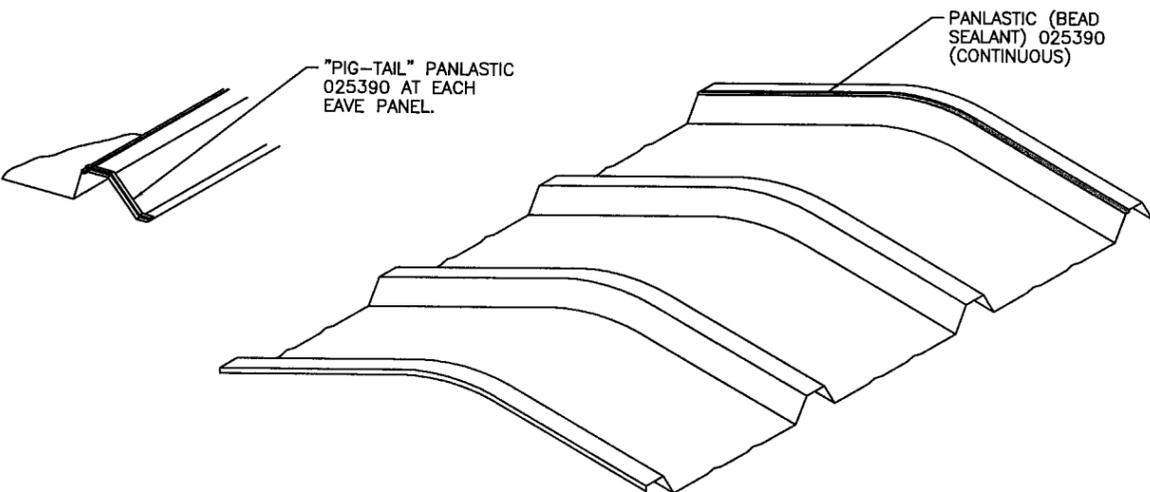
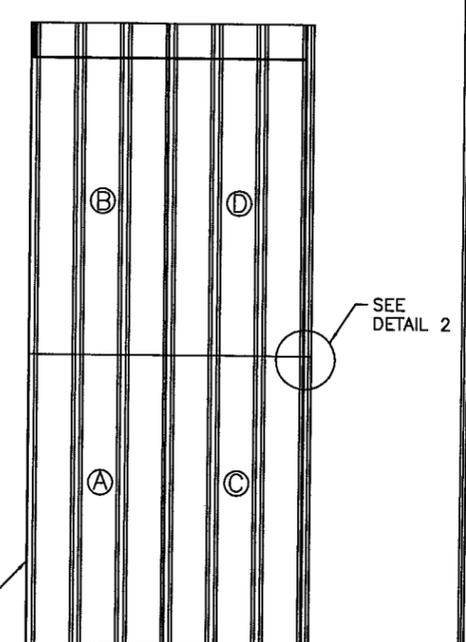
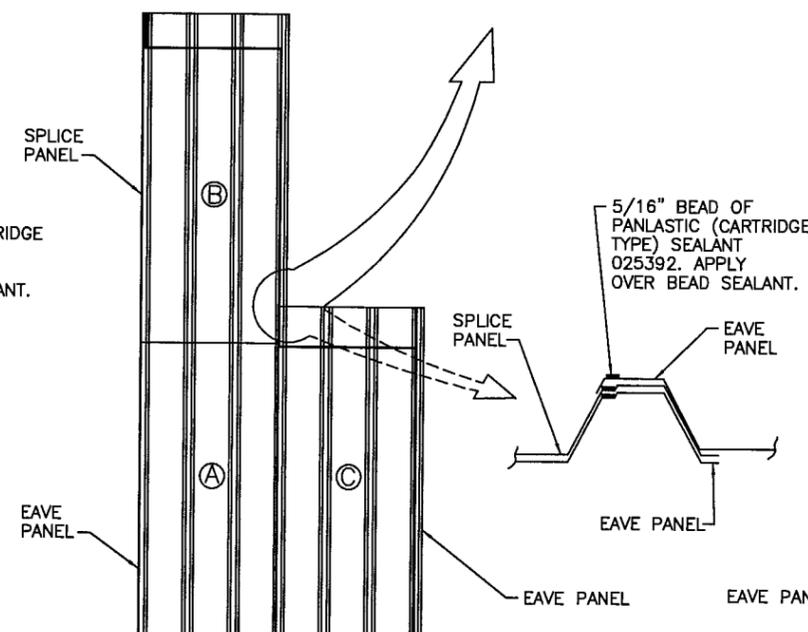
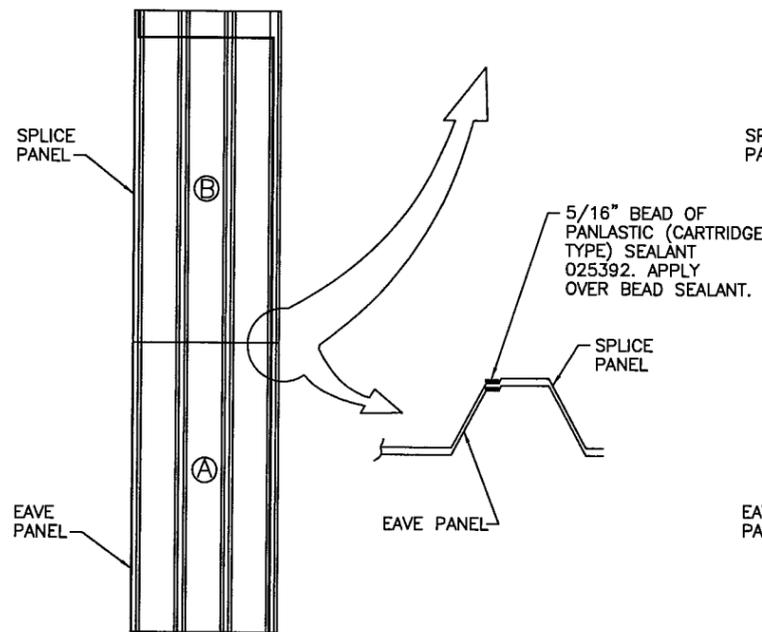
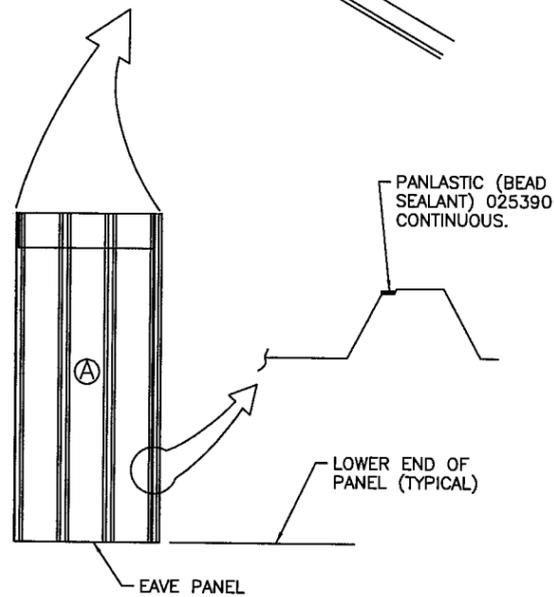
INSTALL 0'-4" OF PANLASTIC (CARTRIDGE TYPE) 025392 AT EACH PANEL TO PANEL END LAP. APPLY OVER BEAD SEALANT.



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 09-0107.07
 Expiration Date 02/24/2014
 By *Helmut A. Mahr*
 Official Date Product Control
 Division

Helmut A. Mahr
 12/10/08

DETAIL 1



PANLASTIC APPLICATION TO
 RIDGE PANEL

WARNING
 Panels with protective coatings are slippery, proceed with caution wipe clean if necessary.

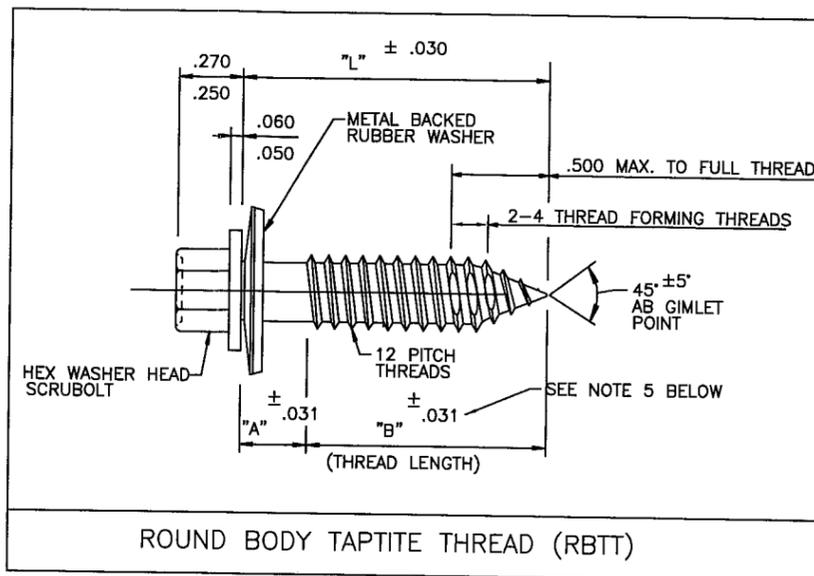
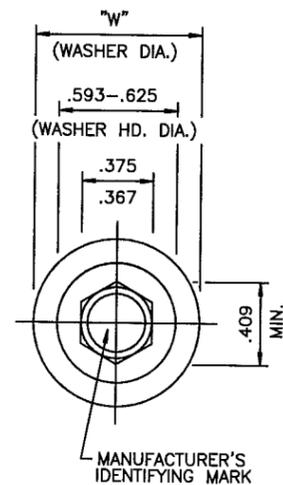
CAUTION
 PANELS MUST BE CLEAN, DRY, AND FREE OF OIL BEFORE APPLYING THE PANLASTIC. AT TEMPERATURES BELOW 40° F THE PANLASTIC IS MORE RESISTANT TO COMPRESSION. SPECIAL CARE SHOULD BE TAKEN TO ASSURE THAT THE PANELS ARE CLOSELY NESTED.

APPLICATION OF PANLASTIC
 INSTALL PANLASTIC TO THE IN-PLACE PANEL AS SHOWN---PAPER BACKING TO THE "UP" SIDE.
 RUN THE FINGERS LIGHTLY OVER THE PAPER BACKING TO ADHERE THE PANLASTIC TO THE PANEL.
 REMOVE THE PAPER BACKING BEFORE INSTALLING THE OVERLAPPING PANEL OR APPLYING THE GUN GRADE SEALANT AT THE 4 LAP CONDITION. STRIP THE PAPER BY STARTING AT ONE END AND PULL BACK---NOT UP.
 ALIGN THE OVERLAPPING PANEL AS CLOSELY AS POSSIBLE TO FINAL POSITION BEFORE LETTING IT TOUCH THE PANLASTIC ON THE PREVIOUSLY INSTALLED PANEL.

REVISION NUMBER 1	REMOVED FLUTE REFERENCE FOR APPLYING PANLASTIC.
DATE 02/21/01	CHKD BSN
DRWN DMW	BSN
DATE 11/09/99	CHKD MJH
DRWN JRS	MJH

GROUP 04-030-06 DRAWING NUMBER B 1081390 REV. 01

	THIS PRINT SUBJECT TO CHANGE WITHOUT NOTICE. FOR BUILDING ERECTION ALWAYS USE THE PRINTS RECEIVED WITH THE BUILDING SHIPMENT.		BUTLER II	BR II ROOF PANELING & SEALING DADE COUNTY FLORIDA	ALL BUILDINGS
		BUTLER MANUFACTURING COMPANY	DATE 02/21/01	DRAWING NUMBER B 1081390	REV. 01



ASSEMBLY		SCRUBOLT WITHOUT WASHER						METAL BACKED RUBBER WASHER		
PART NO.	WEIGHT	SCRUBOLT PART NO.	MATERIAL	NOMINAL SIZE (SEE NOTE 6)	"L"	"A"	"B"	WASHER PART NO.	"W"	WASHER DWG. NO.
095984	0.031	095304	SS NOTE 1	11/32 X 7/8	.875	SEE NOTE 4	.875	097436	.729	095016
096932	0.038	096930	ST. NOTE 2	3/8 X 1-1/4	1.25	SEE NOTE 4	1.250	095154	.729	095016
097104	0.039	097103	SS NOTE 1	11/32 X 1-1/4	1.25	SEE NOTE 4	1.250	097436	.729	095016
097196	0.039	097195	ST. NOTE 2	3/8 X 1	1.00	SEE NOTE 4	1.00	095154	.729	095016
097222	0.055	097221	ST. NOTE 2	3/8 X 2	2.00	.187	1.813	095154	.729	095016
097264	0.074	096931	ST. NOTE 2	3/8 X 2-3/4	2.75	.750	2.00	095154	.729	095016
097270	0.060	097268	ST. NOTE 2	3/8 X 2-1/4	2.25	.250	2.00	095154	.729	095016
097271	0.086	097269	ST. NOTE 2	3/8 X 3-1/2	3.50	.500	3.00	095154	.729	095016
097292	0.125	097291	ST. NOTE 2	3/8 X 5	5.00	2.000	3.00	095154	.729	095016
097298	0.145	097297	ST. NOTE 2	3/8 X 6	6.00	3.000	3.00	095154	.729	095016

SEE NOTE 5

MATERIALS:

- 410 STAINLESS W/CLEAR CHROMATE, BMC EMS 10,073
- CARBON STEEL W/YELLOW CHROMATE - BMC EMS 10,073
- WASHER SPEC. AND DIMENSIONS - SEE DWG 095016

SCRUBOLT WITH FULL THREADS:

- FULL THREAD TO WITHIN 1 THREAD OF HEAD & SHANK JUNCTURE.
- 3" THREAD LENGTH
HAS A ± .050 TOLERANCE
- DIAMETER OF 3/8" SCRUBOLT IS .367±.003
DIAMETER OF 11/32" SCRUBOLT IS .345±.003

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 09-0107.07
 Expiration Date 02/24/2014
 by Helmut A. Meier
 Miami Dade Product Control
 Division

[Signature]
 12/10/08

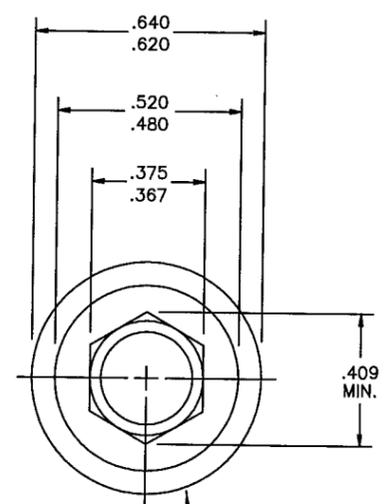
REVISION NUMBER 1
 GENERAL REVISION TO
 REMOVE OBSOLETE FASTENER
 AND UPDATE OFFERING FOR
 DRAWN CHKD
 JRS MJH
 DATE 11/09/09
 08/30/05
 RHE BUF
 CPD RELEASE 11819

GROUP 04-030-06 DRAWING NUMBER B 1081392 REV. 01

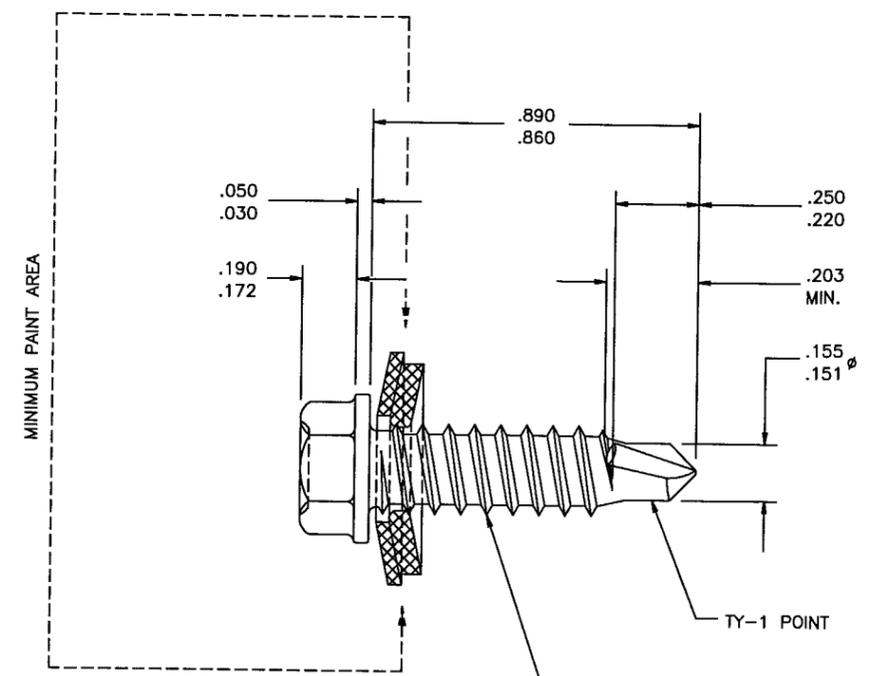
**THIS PRINT SUBJECT TO CHANGE WITHOUT NOTICE.
 FOR BUILDING ERECTION ALWAYS USE THE PRINTS
 RECEIVED WITH THE BUILDING SHIPMENT.**

BUTLER II FASTENERS	HEX HEAD SCRUBOLTS DADE COUNTY FLORIDA	ALL BUILDINGS
BUTLER A BlueScope Steel Company	BUTLER MANUFACTURING COMPANY	DATE 08/30/05 GROUP 04-030-06
DRAWING NUMBER B 1081392		REV. 01

MATERIAL: SELF-DRILL SCREW - CARBON STEEL W/CLEAR CHROMATE - EMS 10,197
 WASHER - GALV./RUBBER - EMS 10,023
 PAINT - 1.0 MIL MINIMUM DFT - S-W POLANE OR APPROVED EQUAL



GALV./RUBBER WASHER (096217)
 SEE DWG. 095016.



1/4-14 TY-B THREADS
 MAJOR DIA.: .240 / .246
 MINOR DIA.: .185 / .192

097357 - 1/4-14X7/8 MINI-POINT CARBON SDS WITH 3/8 IHWH
 THIS FASTENER IS FOR PANEL TO PANEL CONNECTIONS

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 09-0107.07
 Expiration Date 02/24/2014
 By *Belmont*
 Miami Code Product Control
 Division

Belmont
 12/10/08
 SHEET 5 OF 5

FIRST RELEASE	DATE	CHKO	M/JH
	11/09/99	URS	

REVISION NUMBER 1	DATE	CHKO	M/JH
UPDATED TO CURRENT VERSION OF FASTENER.	08/30/05	DRWN	CHKO
		RHE	B/JF
			CFD RELEASE 11819.

GROUP	DRAWING NUMBER	REV.
04-030-06	B 1081393	01

AMERICAN INSTITUTE OF STEEL CONSTRUCTION
 FOUNDED 1921

THIS PRINT SUBJECT TO CHANGE WITHOUT NOTICE.
 FOR BUILDING ERECTION ALWAYS USE THE PRINTS
 RECEIVED WITH THE BUILDING SHIPMENT.

BUTLER II FASTENERS
 SELF DRILLING SCREW-MINI POINT
 DADE COUNTY FLORIDA

BUTLER
 A BlueScope Steel Company

BUTLER MANUFACTURING COMPANY

DATE	08/30/05
GROUP	04-030-06

DRAWING NUMBER	B 1081393
REV.	01