



**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)

**Butler Manufacturing Company
13500 Botts Road
Grandview, MO 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, signed and sealed by John Ernest Lamb, P.E. on April 30, 2003, 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: 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.

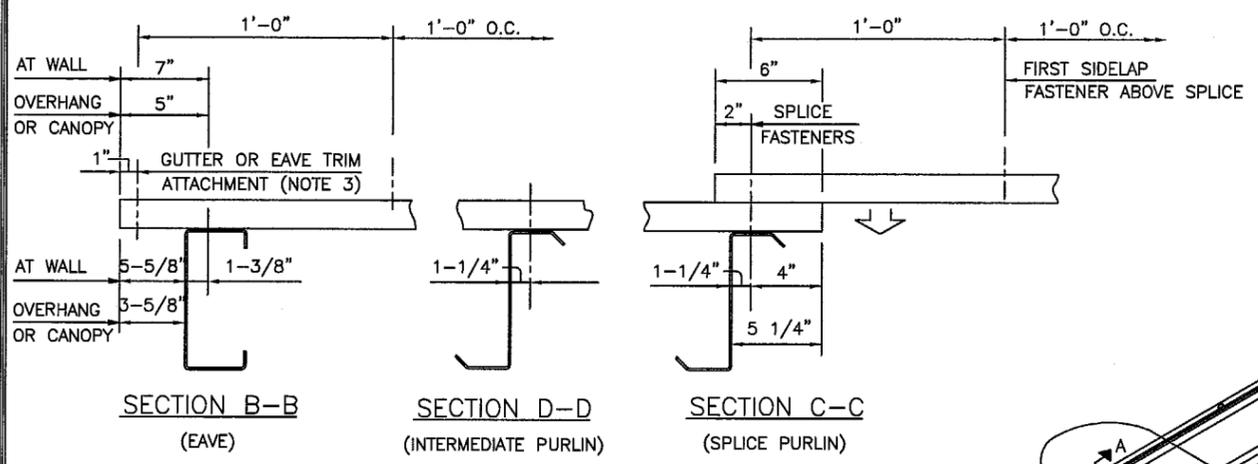
This NOA revises & renews NOA # 00-0503.03 & consists of this page 1 & approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

H.M.
05/29/03

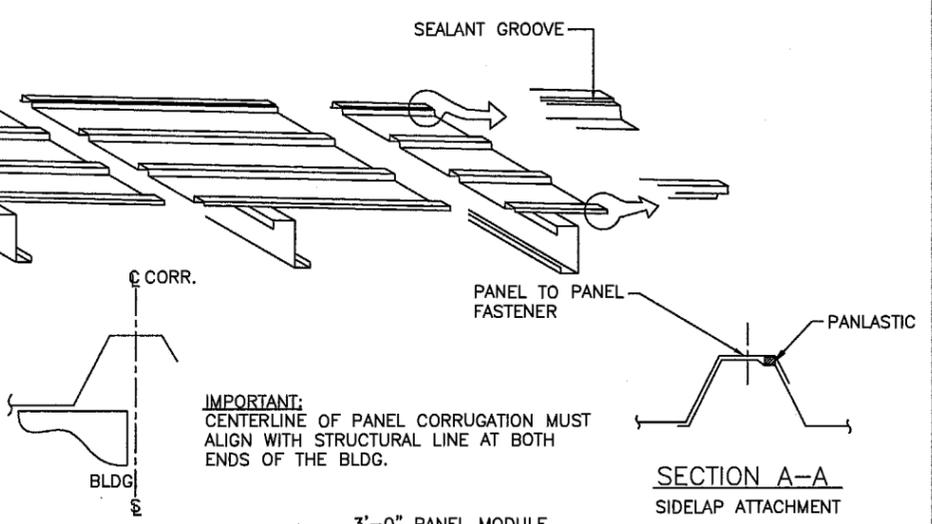
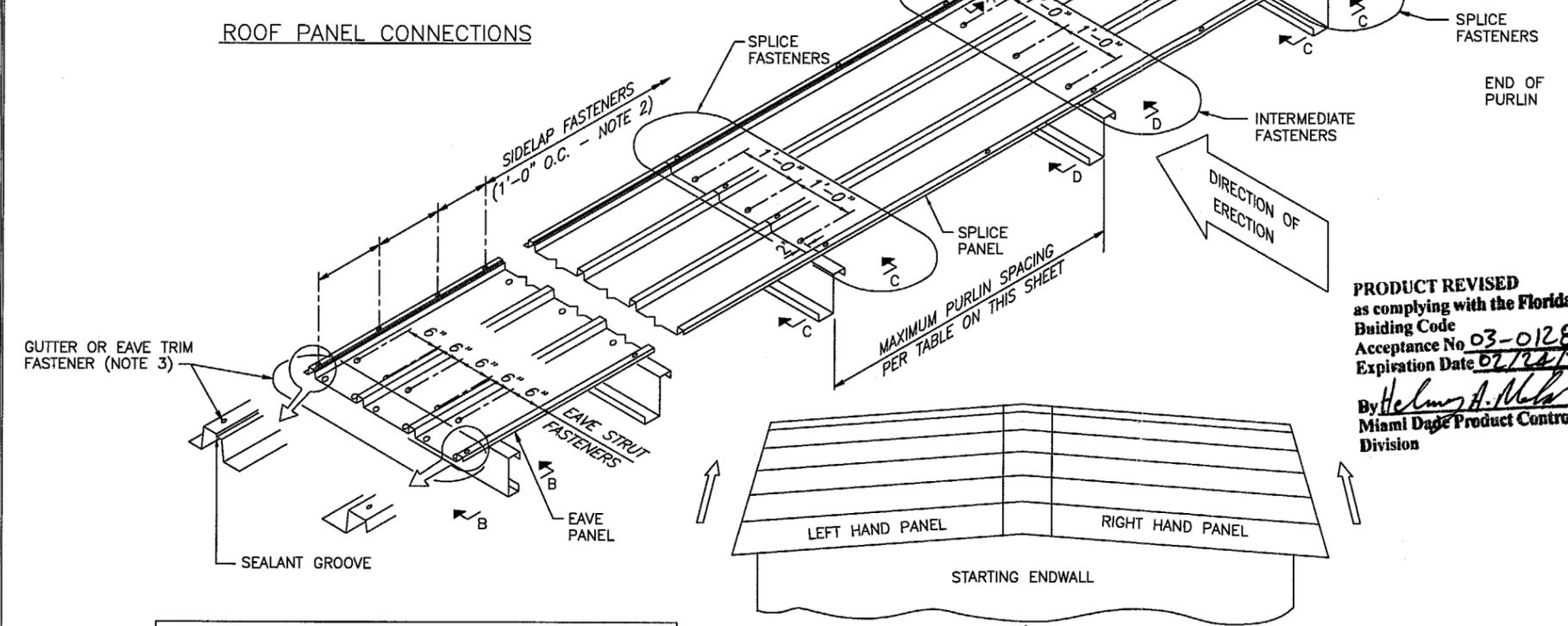


**NOA No 03-0128.01
Expiration Date: 02/24/2008
Approval Date: 05/29/2003**

REVISION NUMBER 3	REVISION NUMBER 2	REVISION NUMBER 1	FIRST RELEASE
DATE: 04/24/03 DRAWN: CHKO, JRS CHKD: MJH	DATE: 08/13/01 DRAWN: CHKO, LJB CHKD: LJB	DATE: 04/27/00 DRAWN: CHKO, MJH CHKD: MJH	DATE: 11/09/99 DRAWN: JRS CHKD: MJH
CHANGED 1994 SOUTH FLORIDA BUILDING CODE TO 2001 FLORIDA CODE. ADDED (0.0235" MIN.) TO MAH 24 GAUGE IN NOTES 3 & 5.	REMOVE "PROTECTIVE OIL" WARNING NOTE	REVISED PURLIN SPACING AND UPLIFT PRESSURE CHART	



ROOF PANEL CONNECTIONS



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 03-0128.01 Expiration Date 07/24/2008
By *Helmut A. Miller*
Miami Dade Product Control Division

- GENERAL NOTES:
1. THIS STRUCTURAL ROOF PANEL SHALL BE DESIGNED IN ACCORDANCE WITH THE 2001 EDITION OF THE FLORIDA BUILDING CODE.
 2. ALL BUTLERIB II ROOF PANELS SHALL BE 24 GAUGE SHEET STEEL CONFORMING TO ASTM A 792, COATING DESIGNATION AZ55, WITH A MINIMUM FY=50KSI.
 3. THIS 24 GAUGE (0.0235" MIN.) BUTLERIB II ROOF PANEL BE SUPPORTED ON METAL MEMBERS WITH A 0.060" MINIMUM THICKNESS.
 4. VALLEY ASSEMBLY IS NOT ALLOWED IN THIS ROOF PANEL ASSEMBLY.
 5. THIS 24 GAUGE (0.0235" MIN.) BUTLERIB II ROOF PANEL SHALL BE USED FOR ROOF CONSTRUCTION. EVERY ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE APPROVED DRAWINGS, INCLUDING:

- DETAILS OF ALL PANEL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
- ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS AND FASTENER DIAGRAMS WITH SIZE AND LOCATION.
- PANEL'S MAXIMUM SPAN AND PRESSURE FOR THE ROOF'S FIELD, PERIMETER, AND CORNER ZONES BASED ON THE PANEL'S ALLOWABLES SHOWN ON THIS SHEET.

FOR PROPER END LAPPING OF PANEL, THE PANELS ARE LAID, ONE ROW AT A TIME, INCLUDING THE RIDGE CAP, COMPLETELY ACROSS THE BLDG. WIDTH. ROOF PANELING AND SEALING DRAWING 102961.

- INSTALLATION NOTES:
1. PANELS ARE INSTALLED WITH SEALANT GROOVE FORWARD TOWARD THE DIRECTION OF ERECTION, WITH THE SEALANT GROOVE CONTINUOUS FROM EAVE TO EAVE. LOOKING AT STARTING ENDWALL FROM OUTSIDE OF BUILDING THIS MAKES LEFT HAND PANELS ON LEFT SIDE OF BUILDING AND RIGHT HAND PANELS ON RIGHT SIDE OF BUILDING. SEE DIRECTION OF ERECTION DETAIL AND DWG 102961.
 2. LOCATE SIDELAP FASTENERS 1'-0" ON CENTER. SEE IMPORTANT SIDELAP FASTENER LOCATIONS NOTE.
 3. THE INTERIOR EAVE STRUT STRUCTURAL FASTENERS ARE THE SAME SPACING AS THE INTERMEDIATE PURLINS. INTERIOR EAVE STRUTS ARE LOCATED BETWEEN BUILDING AND WX, CANOPY OR OVERHANG.

FASTENER SCHEDULE		
LOCATION	PART NO.	DESCRIPTION
PANEL TO STRUCTURAL	097 56	3/8" X 1" SCRUDDLE
PANEL TO PANEL	097 57	#14-14x1 1/4 SDS

IMPORTANT - SIDELAP FASTENER LOCATIONS:
IT IS EXTREMELY IMPORTANT TO FIELD LOCATE SIDELAP FASTENERS STARTING AT THE LOW END OF BRII ROOF PANELS AS FOLLOWS, OTHERWISE IT COULD CREATE A FASTENER SHORTAGE.

EAVE PANEL WITH GUTTER OR EAVE TRIM: START SIDELAP FASTENERS 1'-0" ABOVE GUTTER OR EAVE TRIM ATTACHMENT HOLES.

EAVE PANEL WITH UNTRIMMED EAVE:
PUNCHED PANELS: INSTALL LOCK-RIVET IN FACTORY PUNCHED HOLE AT LOW END OF EAVE PANEL. START SIDELAP FASTENERS 1'-0" FROM LOCK-RIVET LOCATION.
UNPUNCHED PANELS: START SIDELAP FASTENERS 1" FROM LOW END OF EAVE PANEL.

SPLICE PANEL: START SIDELAP FASTENERS 1'-0" ABOVE SPLICE FASTENERS.

RIDGE PANEL: INSTALL ONE SIDELAP FASTENER 6" ABOVE SPLICE FASTENERS.

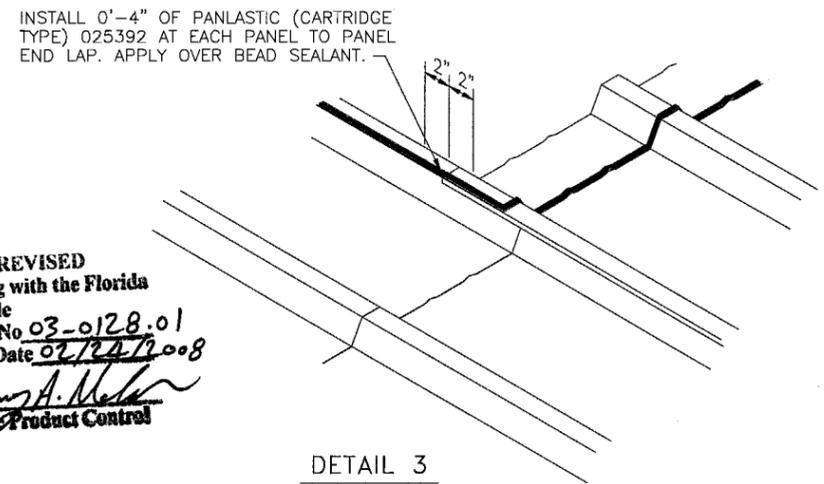
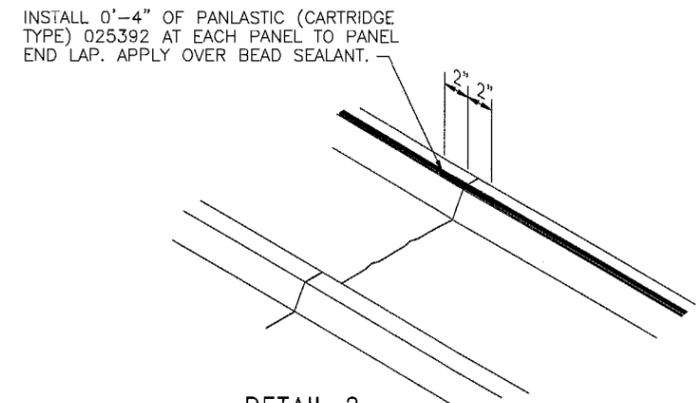
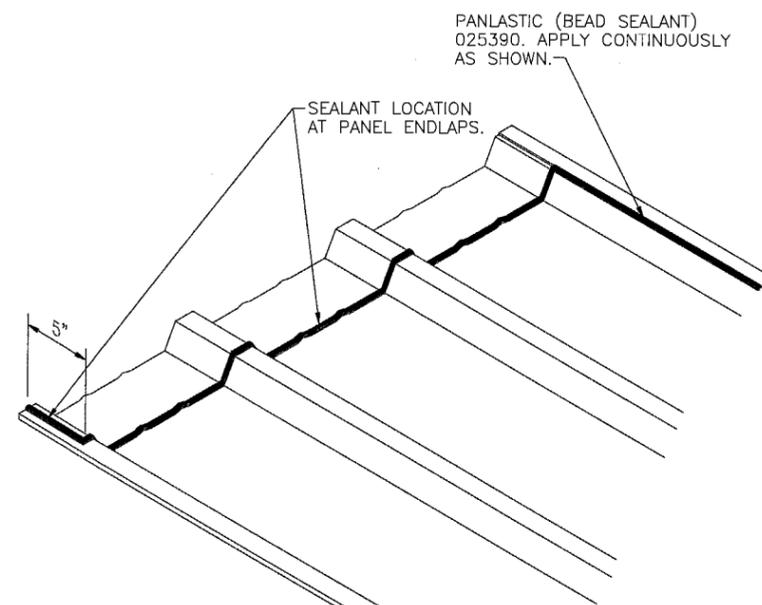
PURLIN SPACING		
ROOF ZONE	MAXIMUM PURLIN SPACING	MAX. UPLIFT PRESSURE
FIELD (INTERIOR)	3'-6"	55.2 PSF
EDGE	2'-6"	95.4 PSF
CORNER	2'-2"	142.2 PSF

John Ernest Lamb
P.O. Box 1529
Laurinburg, NC 28353
Fla. PE # 27717

GROUP	DRAWING NUMBER	REV.
04-030-06	B 1081389	03

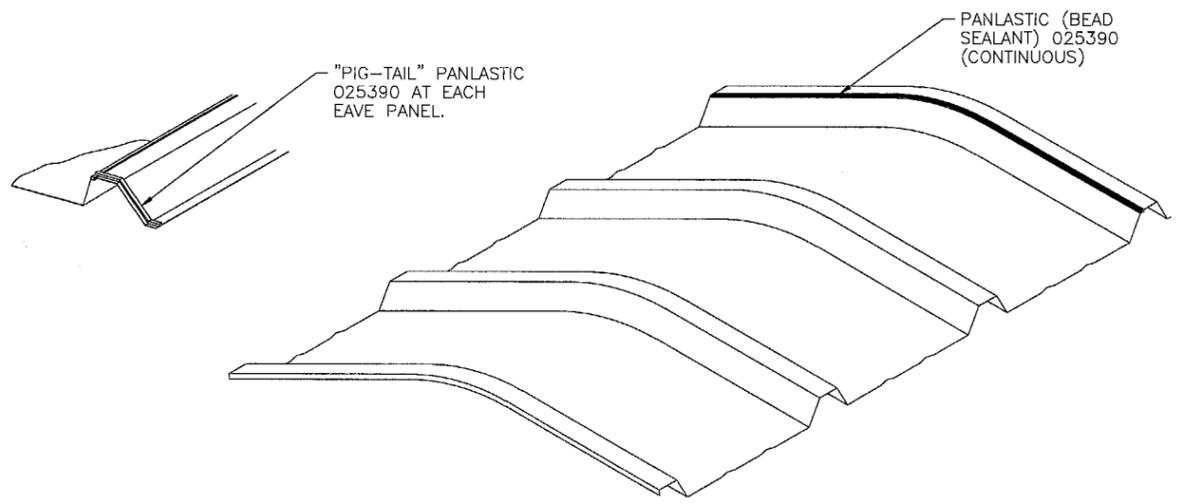
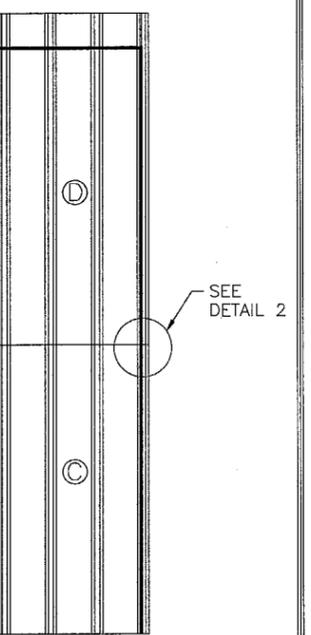
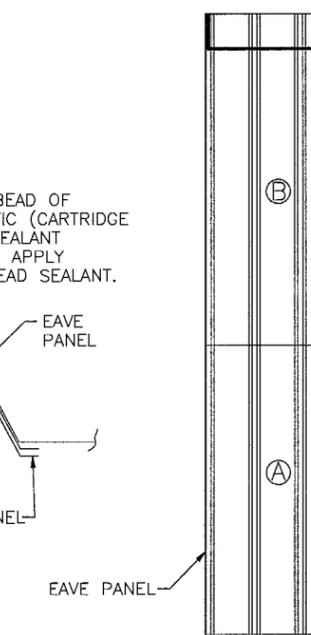
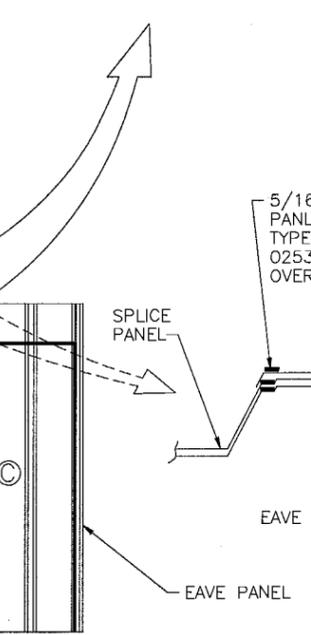
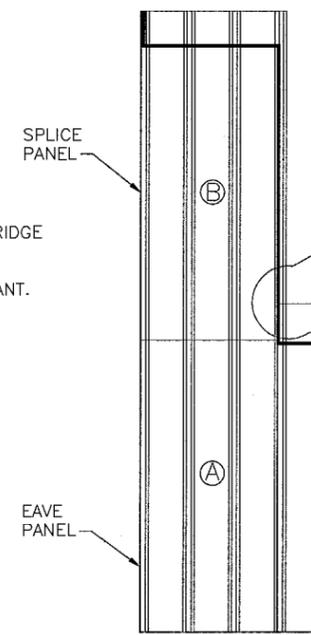
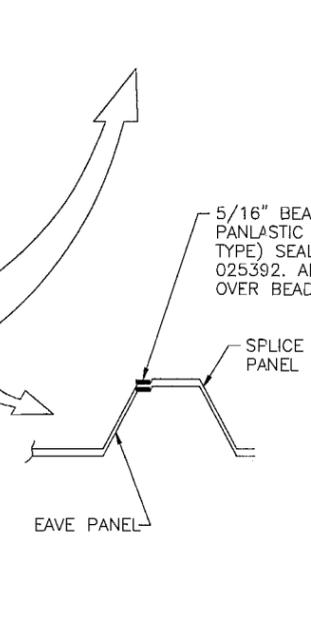
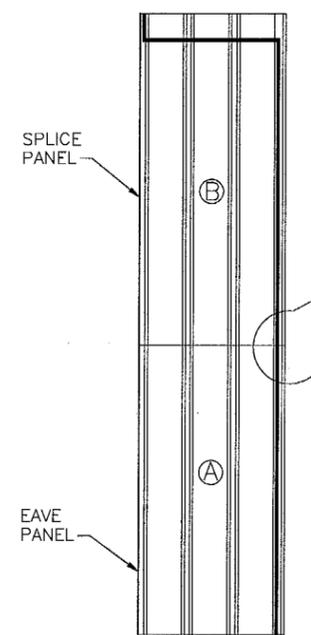
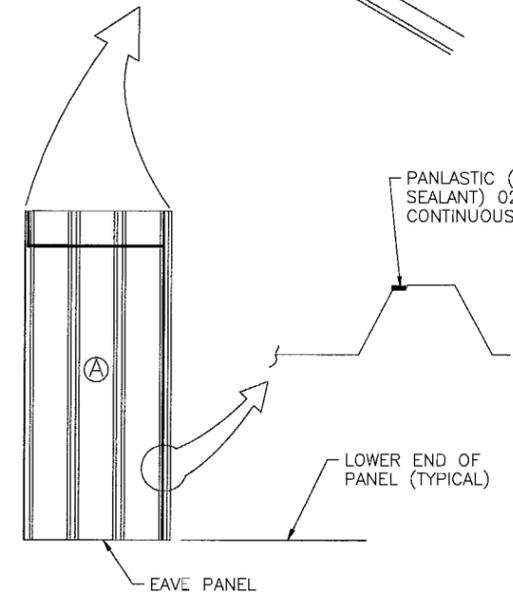
BUTLERIB II	BUTLERIB II PANEL INSTALLATION DADE COUNTY FLORIDA	ALL BUILDINGS
BUTLER MANUFACTURING COMPANY	DATE: 04/24/03 GROUP: 04-030-06	DRAWING NUMBER: B 1081389 03

FIRST RELEASE	DATE	11/09/99	CHKD	MJH	DRAWN	JPS
	DATE	02/21/01	DRWN	CHKO	DHW	BSN
REVISION NUMBER 1	REMOVED FLUTE REFERENCE FOR APPLYING PANLASTIC. RELEASE 108B1.					



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 03-0128.01
 Expiration Date 02/24/2008
 By *Heather A. Melzer*
 Miami Dade Product Control
 Division

DETAIL 1



PANLASTIC APPLICATION TO
 RIDGE PANEL

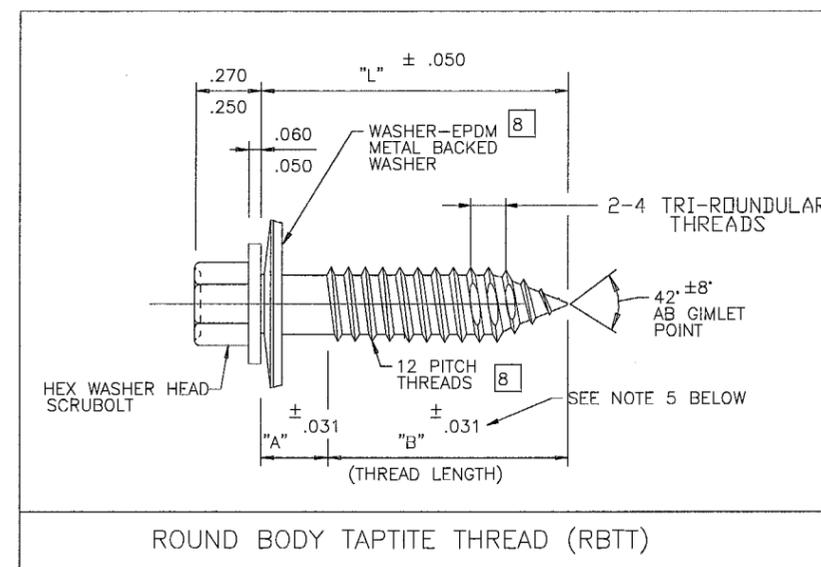
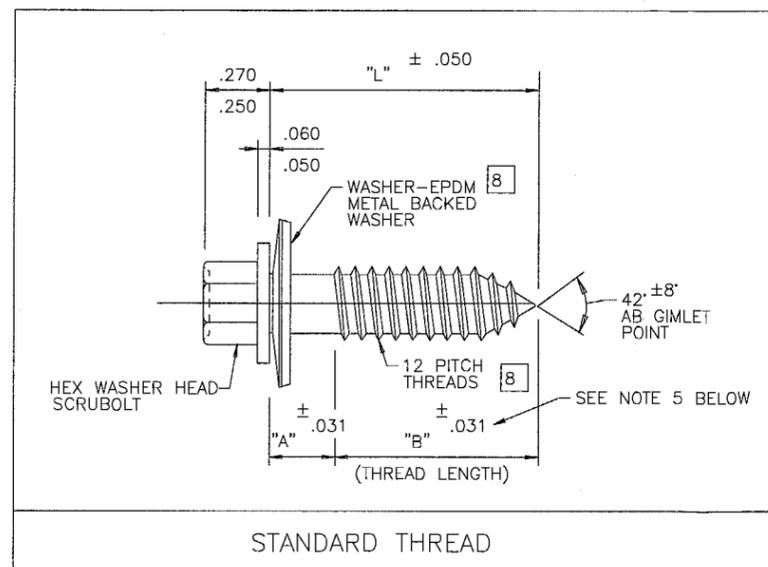
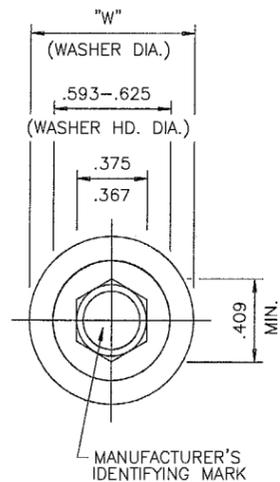
WARNING
 Panels with protective coatings are slippery, proceed with caution and be clean if necessary.

A/30/03

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 Laurinburg, NC 28353
 Fla. PE # 27717

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.



THESE FASTENERS ARE FOR PANEL TO STRUCTURE CONNECTIONS

ASSEMBLY		SCRUBOLT WITHOUT WASHER							METAL BACKED RUBBER WASHER		
PART NO.	WEIGHT	SCRUBOLT PART NO.	MATERIAL	NOMINAL SIZE	"L"	"A"	"B"	THREAD TYPE	WASHER PART NO.	"W"	WASHER DWG. NO.
095984	0.031	095304	SS NOTE 1	11/32 X 7/8	.875	SEE NOTE 5	.875	RBTT	097436	.729	095016
096865	0.031	096863	ST. NOTE 2	11/32 X 7/8	.875	SEE NOTE 5	.875	STANDARD	097384	.563	095016
096866	0.043	096864	ST. NOTE 2	11/32 X 1 1/2	1.50	SEE NOTE 5	1.500	STANDARD	097384	.563	095016
096902	0.034	096863	ST. NOTE 2	11/32 X 7/8	.875	SEE NOTE 5	.875	STANDARD	095349	.729	095016
096932	0.038	096930	ST. NOTE 2	11/32 X 1 1/4	1.25	SEE NOTE 5	1.250	STANDARD	095349	.729	095016
096933	0.077	096931	ST. NOTE 2	11/32 X 2 3/4	2.75	.750	2.00	STANDARD	095016	1.00	095016
097104	0.039	097103	SS NOTE 1	11/32 X 1 1/4	1.25	SEE NOTE 5	1.250	RBTT	097436	.729	095016
097196	0.039	097195	ST. NOTE 3	3/8 X 1	1.00	SEE NOTE 5	1.00	RBTT	095154	.729	095016
097222	0.055	097221	ST. NOTE 2	11/32 X 2	2.00	.187	1.813	STANDARD	095016	1.00	095016
097235	0.048	097221	ST. NOTE 2	11/32 X 2	2.00	.187	1.813	STANDARD	097384	.563	095016
097264	0.074	096931	ST. NOTE 2	11/32 X 2 3/4	2.75	.750	2.00	STANDARD	097384	.563	095016
097270	0.060	097268	ST. NOTE 3	3/8 X 2 1/4	2.25	.250	2.00	RBTT	095154	.729	095016
097271	0.086	097269	ST. NOTE 3	3/8 X 3 1/2	3.50	.500	3.00	RBTT	095154	.729	095016
097273	0.077	097272	ST. NOTE 2	11/32 X 3 1/2	3.50	.500	3.00	STANDARD	095349	.729	095016
097292	0.125	097291	ST. NOTE 3	3/8 X 5	5.00	2.000	3.00	RBTT	095154	.729	095016
097294	0.113	097293	ST. NOTE 2	11/32 X 5	5.00	2.000	3.00	STANDARD	095349	.729	095016
097298	0.145	097297	ST. NOTE 3	3/8 X 6	6.00	3.000	3.00	RBTT	095154	.729	095016
097420	0.157	097419	ST. NOTE 2	11/32 X 6	6.00	3.000	3.00	STANDARD	095349	.729	095016

SEE NOTE 6

MATERIALS:

- 410 STAINLESS W/CLEAR CHROMATE, BMC EMS 10,073
- CARBON STEEL W/YELLOW CHROMATE - BMC EMS 10,073 (LATEST REVISION)
- SAME AS 2. ABOVE EXCEPT GREEN DYE APPLIED
- 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

PRODUCT REVISED
as complying with the Florida
Bidding Code
Acceptance No 03-0128.01
Expiration Date 02/24/2008
By *John Ernest Lamb*
Miami Dade Product Control
Division

John Ernest Lamb
4/30/03
John Ernest Lamb
P.O. Box 1529
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Fla. PE # 27717

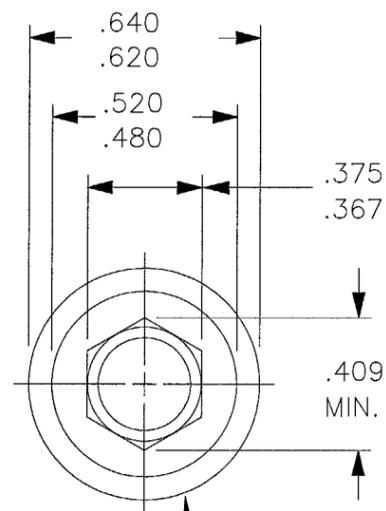
SHEET 4 OF 5

FIRST RELEASE
DATE 11/09/99
DRAWN JFS
CHKD MJH

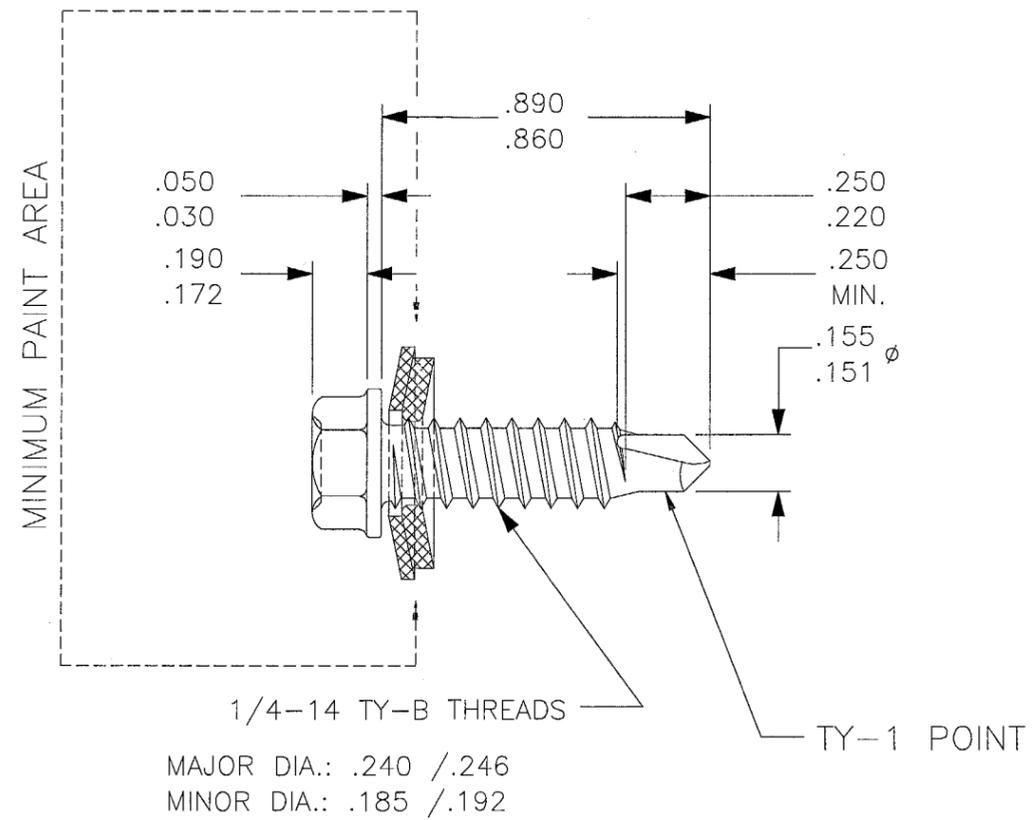
GROUP 04-030-06 DRAWING NUMBER B 1081392 REV. 00

BUTLERIB II HEX HEAD SCRUBOLTS DADE COUNTY FLORIDA ALL BUILDINGS
BUTLER MANUFACTURING COMPANY DATE 11/09/99 DRAWING NUMBER 1 REV. GROUP 04-030-06 B 1081392 00

MATERIAL: SELF-DRILL SCREW - CARBON 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.



TY-1 POINT

MAJOR DIA.: .240 / .246
 MINOR DIA.: .185 / .192

THIS FASTENER IS FOR PANEL TO PANEL CONNECTIONS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0128-01
 Expiration Date 02/24/2008
 By *Heather A. Miller*
 Miami Dade Product Control
 Division

John Ernest Lamb
 4/30/03
John Ernest Lamb
 P.O. Box 1520
 Laurinburg, NC 28353
 Fla. PE # 27717

SHEET 5 OF 5

FIRST RELEASE
 DATE 11/09/99
 DRAWN JRS
 CHKD MHH

GROUP 04-030-06 DRAWING NUMBER B 1081393 REV. 00

BUTLER B II	SELF DRILLING SCREW-MINI POINT DADE COUNTY FLORIDA	ALL BUILDINGS
	BUTLER MANUFACTURING COMPANY	DATE 11/09/99 GROUP 04-030-06 DRAWING NUMBER B 1081393 REV. 00