



**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**

[www.miamidade.gov](http://www.miamidade.gov)

**NOTICE OF ACCEPTANCE (NOA)**

**Cherokee Metals Company**  
**4648 South Old Peachtree Road**  
**Norcross, GA 30071**

**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: 0.038" (min.) Galvalume Steel Deck Panel for Canopy**

**APPROVAL DOCUMENT:** Drawing No. CMC001, titled " 20 Ga. (0.038") Steel Deck ", sheets 1 through 3 of 3, prepared by Certworks, LLC, dated February 01, 2010, signed and sealed by Kristina S. Daugherty, P.E. on March 11, 2010 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**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 # **08-0917.12** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
 04/07/2010

**NOA No. 09-1014.09**  
**Expiration Date: 10/09/2010**  
**Approval Date: 04/07/2010**  
**Page 1**

**Cherokee Metals Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 98-0608.11**

**A. DRAWINGS**

1. *Drawing No. 98-203, titled "20 ga. Steel Deck", prepared by William M. Meyers, P.E., dated June 4, 1998, last revised on December 8, 1998, sheet numbers 1 and 2, signed and sealed by William M. Meyers, P.E.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure Test on a 20 gauge steel deck Panel for Canopy, prepared by Fenestration Testing Laboratory, Inc., File #98-210, Report No. 2, dated August 14, 1998, signed and sealed by Gilbert Diamond, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "20 ga. Galvalume – Product Approval", dated September 1, 1998, pages 1 through 5, prepared by William M. Meyers, P.E., signed and sealed by William M. Meyers, P.E.*

**D. MATERIAL CERTIFICATIONS**

1. *Mill Certified Inspection Report, dated 07/28/97, for Galvalume Sheet Structural Steel ASTM A792 Grade 40 Extra Smooth AZ-50 by U. S. Steel Group with chemical composition and physical properties.*
2. *Tensile Test Report from QC Metallurgical, Inc., Report No. 8IM-2163, dated September 2, 1998, signed and sealed by Frank Grate, P.E.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-0527.07**

**A. DRAWINGS:**

1. *Drawing No. 98-203, titled "0.038" (min.) Steel Deck", sheets 1 and 2 of 2, prepared by WM. M. Meyers, P.E., dated June 4, 1998, last revision dated May 16, 2003, signed and sealed by WM. M. Meyers, P.E. on May 19, 2003*

**B. TESTS:**

1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY CONTROL**

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



**Helmy A. Makar, P.E., M.S.**  
**Senior Product Control Examiner**

**NOA No. 09-1014.09**

**Expiration Date: 10/09/2010**

**Approval Date: 04/07/2010**

**Cherokee Metals Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

1. *Manufacturing Sales Agreement from Universal Structures, Inc. to Cherokee Metals, Inc.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0917.12**

**A. DRAWINGS:**

1. *None.*

**B. TESTS:**

1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY CONTROL**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS:**

1. *Drawing No. CMC001, titled " 20 Ga. (0.038") Steel Deck ", sheets 1 through 3 of 3, prepared by Certworks, LLC, dated February 01, 2010, signed and sealed by Kristina S. Daugherty, P.E. on March 11, 2010.*

**B. TESTS:**

1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY CONTROL**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
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**Helmy A. Makar, P.E., M.S.**  
**Senior Product Control Examiner**

**NOA No. 09-1014.09**

**Expiration Date: 10/09/2010**

**Approval Date: 04/07/2010**

# CHEROKEE METALS COMPANY

## 20 Ga. (0.038") STEEL DECK



CHEROKEE METALS COMPANY  
4648 S. OLD PEACHTREE RD.  
NORCROSS, GA 30071  
PH: (770)-449-1444 FX: (770)-662-8019

### INSTALLATION NOTES:

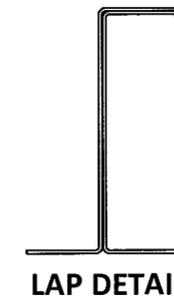
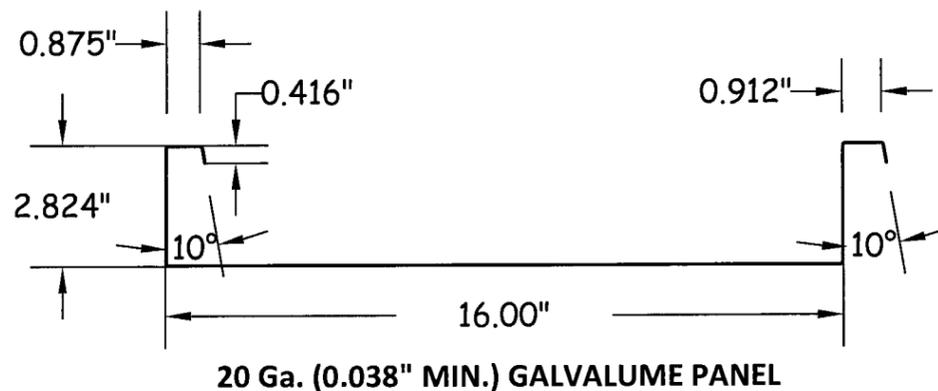
1. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
2. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
3. STRUCTURAL STEEL SHALL BE ASTM A-36 SPECIFICATION
4. ALL WELDING TO BE ACCORDING TO A.W.S.-STANDARDS AND SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL WELDS TO BE CHIPPED AND WIRE BRUSHED PRIOR TO PAINTING.

### PANEL SPECIFICATIONS:

1. CANOPIES SHALL BE DESIGNED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, 2007 AND ACCORDING TO WIND PROVISIONS OF ASCE 7-05.
2. MAXIMUM ALLOWABLE BENDING MOMENT BETWEEN SUPPORTS :  $\pm 450$  FT-LBS.
3. MAXIMUM ALLOWABLE BENDING MOMENT AT SUPPORTS :  $\pm 800$  FT-LBS.
4. MAXIMUM ALLOWABLE DEFLECTION OF PANEL :  $L/180$ .
5.  $EL=11.6E6$  LB-SQ.IN.
6. MAX SUPPORT REACTION= $\pm 1000$  LBS FOR 2 CLIPS.
7. THE ABOVE ALLOWABLES ARE BASED ON 16" WIDE PANEL LOADING. TO GET THE WIND LOAD PRESSURE PER SQUARE FOOT, MULTIPLY PANEL LOAD BY 12/16.
8. EACH ACTUAL CANOPY PROJECT SHALL BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND SUPPORT DETAILS AT PURLINS AND INTERLOCKING SEAMS AS SHOWN ON THIS TEST. THE DESIGN OF THE PANEL SPAN SHALL BE IN COMPLIANCE WITH ALL OF THE ABOVE ALLOWABLES.
9. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
10. PANEL MATERIAL: 0.038' (MIN.) GALVANIZED STEEL A792-GR.40 AZ-50.

| TABLE OF CONTENTS |          |                              |
|-------------------|----------|------------------------------|
| SHEET             | REVISION | SHEET DESCRIPTION            |
| 1                 | -        | INSTALLATION & GENERAL NOTES |
| 2                 | -        | ELEVATION & ANCHOR LAYOUT    |
| 3                 | -        | HORIZONTAL SECTIONS          |

| PRESSURE RATING |                 |                         |
|-----------------|-----------------|-------------------------|
| TEST PRESSURE   | DESIGN PRESSURE | LIVE LOAD TEST PRESSURE |
| $\pm 150$ PSF   | $\pm 75$ PSF    | $\pm 30$ PSF            |



TITLE: 0.038" STEEL DECK  
INSTALLATION &  
GENERAL NOTES

PREPARED BY:  
CERTWORKS, LLC  
127 W. FAIRBANKS AVE., STE. 438  
WINTER PARK, FL 32789  
PH: (407) 644-6957 FX: (407) 644-2366

| REVISIONS | DESCRIPTION | NO. | DATE |      |
|-----------|-------------|-----|------|------|
|           |             |     | BY   | DATE |
|           |             |     |      |      |
|           |             |     |      |      |
|           |             |     |      |      |

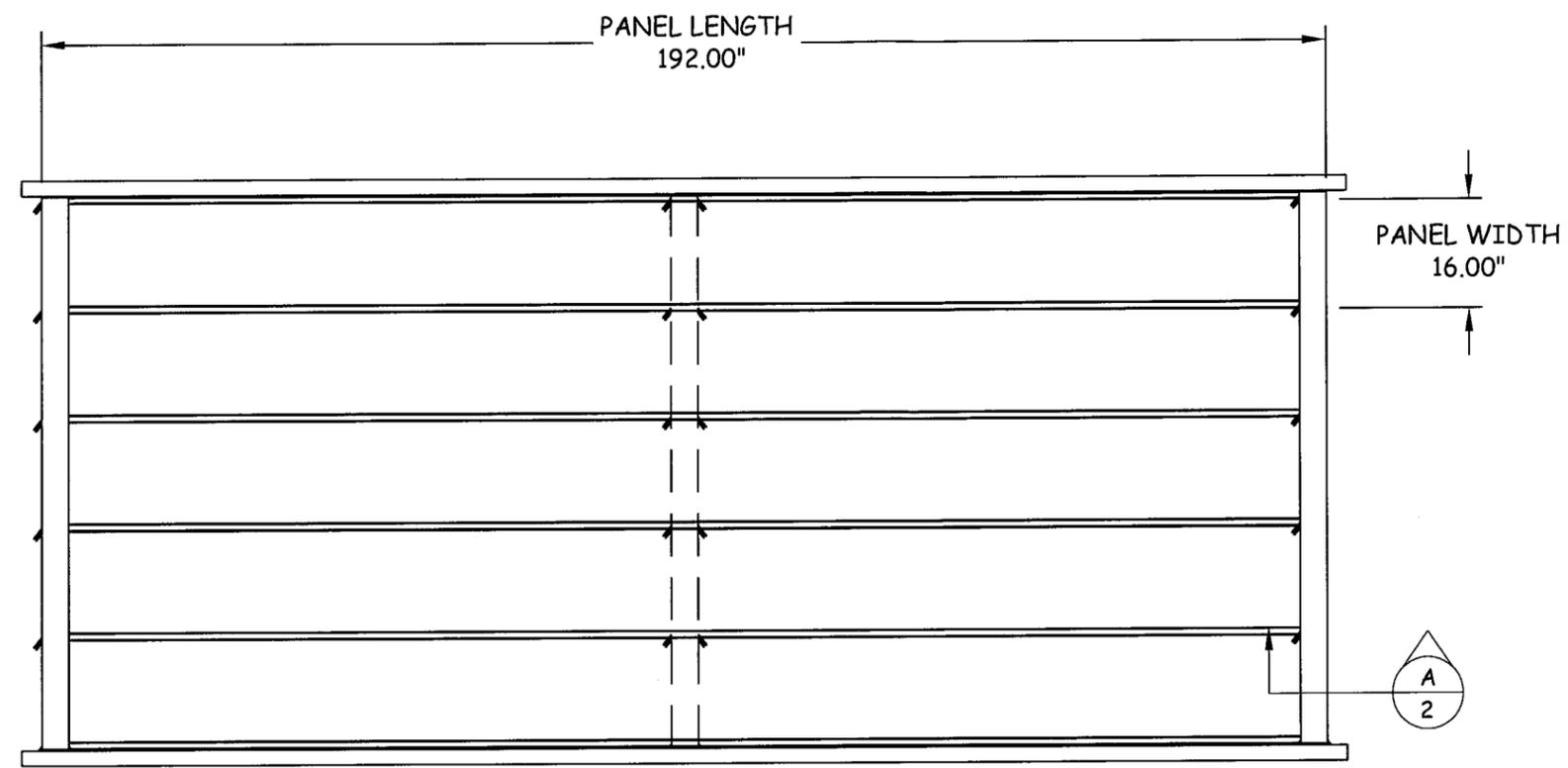
*[Signature]*  
3-11-10  
KRISTINA S. DAUGHERTY  
FLORIDA P. E. NO. 68455  
127 W. FAIRBANKS AVE., STE. 438  
WINTER PARK, FL 32789  
FBPE CERT. OF AUTHORIZATION NO. 28520

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No *09-1014-09*  
Expiration Date *10/09/2016*  
By *[Signature]*  
Miami Dade Product Control  
Division

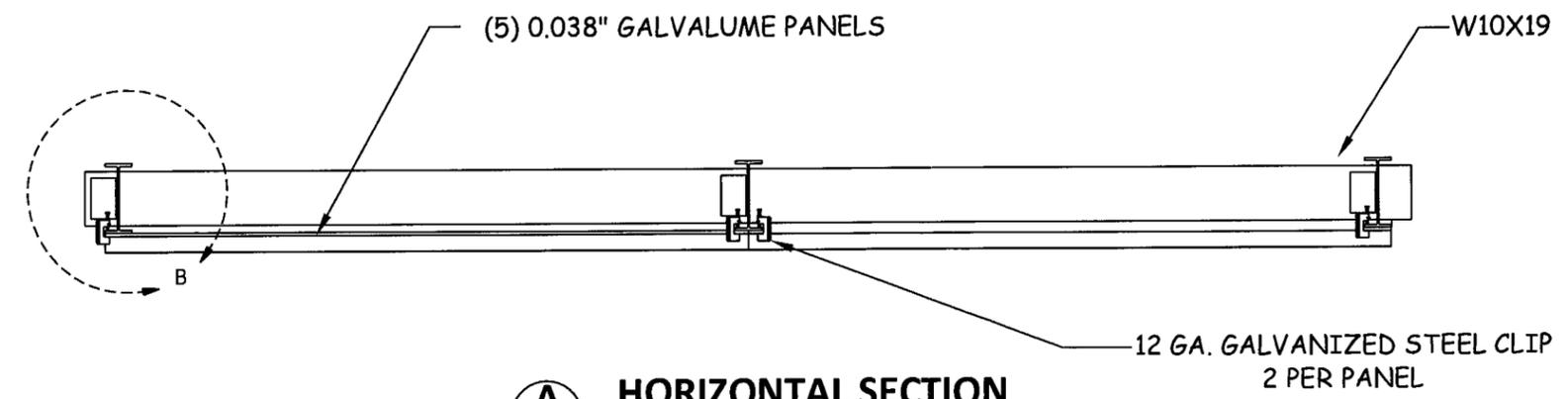
DATE: 02.01.2010  
DWN BY: JLA  
CHK BY: KSD  
SCALE: NTS  
DWG #: **CMC001**  
SHEET: 1 OF 3



CHEROKEE METALS COMPANY  
 4648 S. OLD PEACHTREE RD.  
 NORCROSS, GA 30071  
 PH: (770)-449-1444 FX: (770)-662-8019



**FRAMING PLAN**



**HORIZONTAL SECTION**

TITLE: 0.038" STEEL DECK ELEVATION  
 PREPARED BY: CERTWORKS, LLC  
 127 W. FAIRBANKS AVE., STE. 438  
 WINTER PARK, FL 32789  
 PH: (407) 644-6957 FX: (407) 644-2366

| NO. | DESCRIPTION | BY | DATE |
|-----|-------------|----|------|
|     |             |    |      |
|     |             |    |      |
|     |             |    |      |

*Kristina S. Daugherty*  
 3-11-10  
 KRISTINA S. DAUGHERTY  
 FLORIDA P. E. NO. 68552  
 127 W. FAIRBANKS AVE., STE. 438  
 WINTER PARK, FL 32789  
 FBPE CERT. OF AUTHORIZATION NO. 28520

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 09-101409  
 Expiration Date 10/09/2010  
 By *Helmy A. Mesh*  
 Miami Data Product Control  
 Division

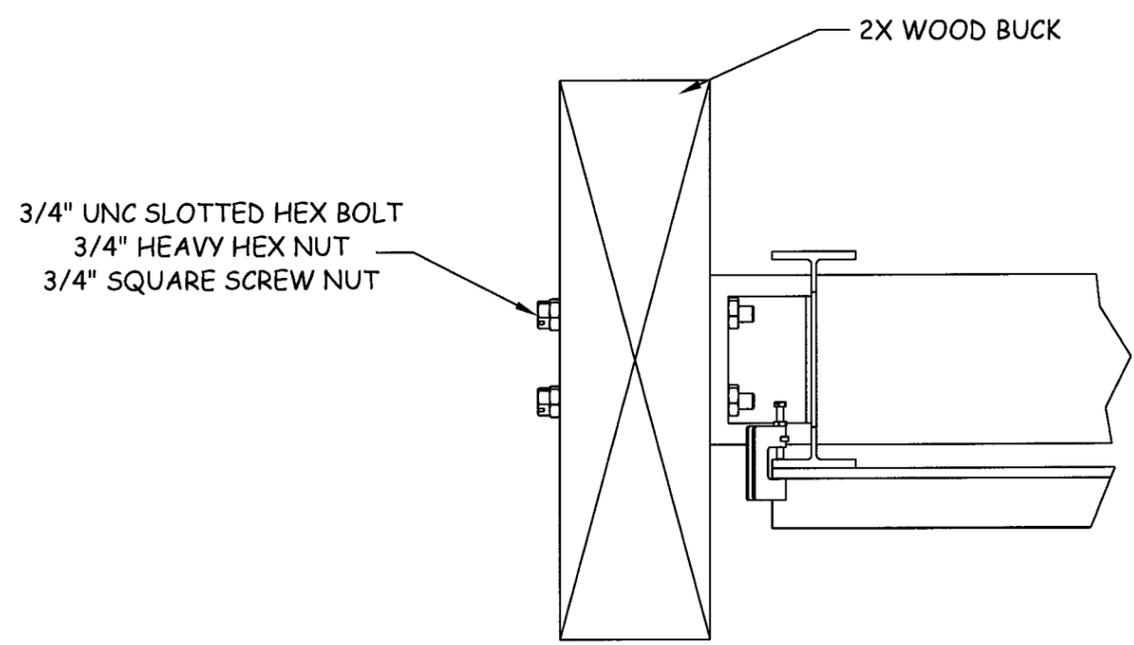
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 DWN BY: JLA  
 CHK BY: KSD  
 SCALE: NTS  
 DWG #: CMC001  
 SHEET: 2 OF 3



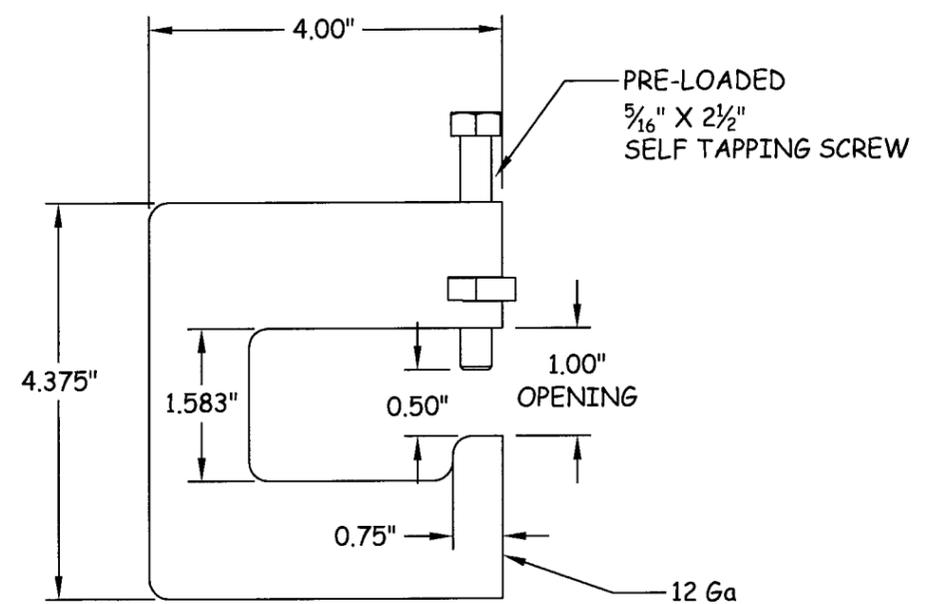
CHEROKEE METALS COMPANY  
 4648 S. OLD PEACHTREE RD.  
 NORCROSS, GA 30071  
 PH: (770)-449-1444 FX: (770)-662-8019

TITLE:  
 0.038" STEEL DECK  
 HORIZONTAL SECTIONS

PREPARED BY:  
 CERTWORKS, LLC  
 127 W. FAIRBANKS AVE., STE. 438  
 WINTER PARK, FL 32789  
 PH: (407) 644-6957 FX: (407) 644-2366



**B**  
**3** HORIZONTAL SECTION  
 2X WOOD BUCK



CLIP DETAIL

| REVISIONS |  | NO. | DESCRIPTION | BY | DATE |
|-----------|--|-----|-------------|----|------|
|           |  |     |             |    |      |
|           |  |     |             |    |      |
|           |  |     |             |    |      |

*Kristina S. Daugherty*  
 3-11-10  
 KRISTINA S. DAUGHERTY  
 FLORIDA P. E. NO. 68435  
 127 W. FAIRBANKS AVE., STE. 438  
 WINTER PARK, FL 32789  
 FBPE CERT. OF AUTHORIZATION NO. 28520

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 09-1014-09  
 Expiration Date 10/09/2010

DATE: 02.01.2010  
 DWN BY: JLA  
 CHK BY: KSD  
 SCALE: NTS

By *Heather A. Miller*  
 Miami Dade Product Control  
 Division

DWG #: **CMC001**  
 SHEET: **3 OF 3**