



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Frey-Moss Structures**  
**1801 Rockdale Industrial Blvd. Box 459**  
**Conyers ,GA 30012**

Your application for Notice of Acceptance (NOA) of:

**0.036" (min.) Galvalume Steel (3" deep x 16" wide) Roof Panel for Canopy**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0619.04**  
**EXPIRES: 07/17/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL**  
**CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 08/16/2001**



**Frey-Moss Structures**

**ACCEPTANCE No. :** 01-0619.04

**APPROVED :** 08/16/2001

**EXPIRES :** 07/17/2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 97-0519.06, which was issued on July 17, 1998. It approves an 0.036" (min.) Galvalume Steel (3" deep x 16" wide) Roof Panel for Canopy, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the load requirements, as determined by SFBC Chapter 23, do not exceed the design allowable values indicated on the approved drawing.

**2. PRODUCT DESCRIPTION**

This 0.036" (min.) Galvalume Steel (3" deep x 16" wide) Roof Panel for Canopy and its components shall be constructed in strict compliance with the following documents: Drawing No. E1, titled "3" x 16" Deck Test Plan View", sheet 1 of 2, and "3" x 16" Deck Test Section and details", sheet 2 of 2, prepared by Charles Harold Moss, P.E. dated May 13, 1997, sheets 1 and 2 of 2, bearing the Miami-Dade County Product Control approval and renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

All permanent set components must be protected against corrosion, contamination and damage at all times.

**4. INSTALLATION**

This 0.036" (min.) Galvalume Steel (3" deep x 16" wide) Roof Panel for Canopy and its components shall be installed in strict compliance with the approved drawings.

**5. 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".

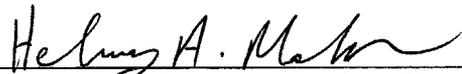
**6. BUILDING PERMIT REQUIREMENTS**

**6.1** Application for building permit shall be accompanied by copies of the following:

**6.1.1** This Notice of Acceptance.

**6.1.2** Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

**6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
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Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division

**Frey-Moss Structures**

**ACCEPTANCE No. :** 01-0619.04

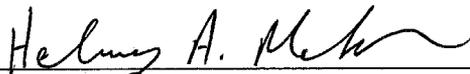
**APPROVED :** 08/16/2001

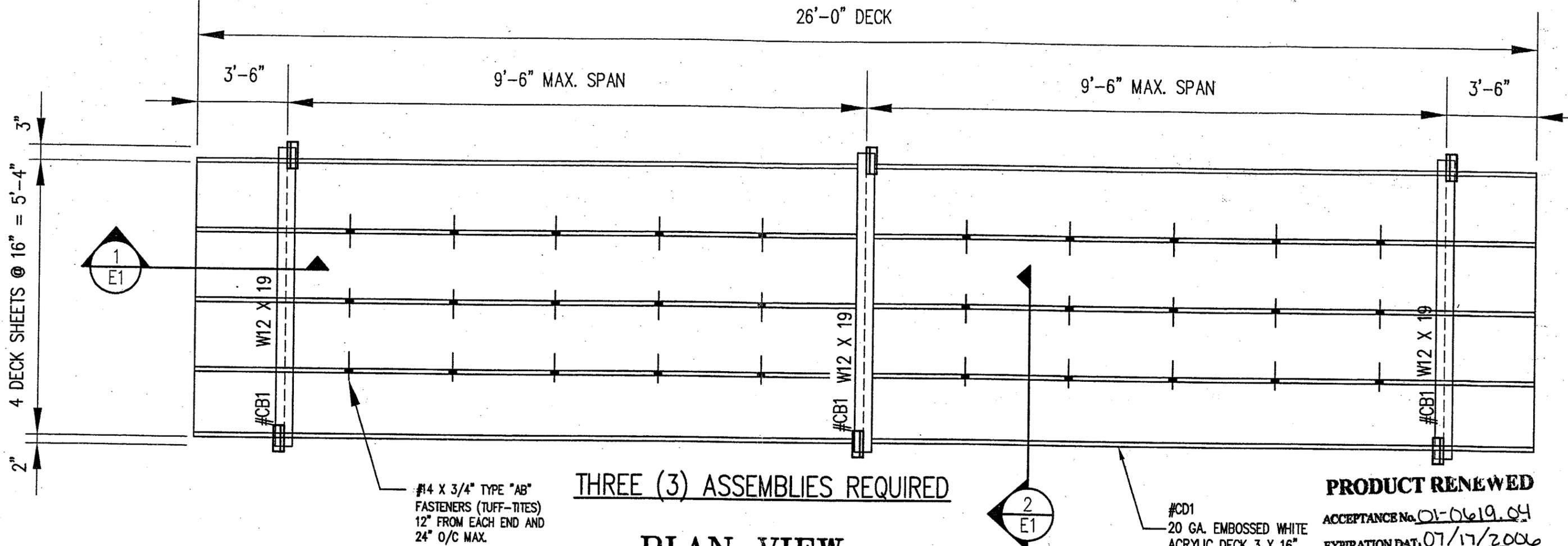
**EXPIRES :** 07/17/2006

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**

  
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Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division



THREE (3) ASSEMBLIES REQUIRED

**PLAN VIEW**

SCALE: 1/2" = 1'-0"

#14 X 3/4" TYPE "AB" FASTENERS (TUFF-TITES) 12" FROM EACH END AND 24" O/C MAX.

#CD1 20 GA. EMBOSSED WHITE ACRYLIC DECK 3 X 16"

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0619.04

EXPIRATION DATE: 07/17/2006

By Helmut A. Moser

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

THE MAXIMUM DESIGN ALLOWABLES FOR THE 20 GAUGE STEEL DECK 3" x 16" PANEL AND THE 1/4" x 1" LONG STAINLESS STEEL BOLTS BY ALL STATE FASTENER CORPORATION SHALL BE AS FOLLOWS:

- MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 700 FT-LBS
- MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 350 FT-LBS
- EI VALUE OF PANEL =  $11.6 \times 10^6$  LB-IN<sup>2</sup>
- MAXIMUM ALLOWABLE DEFLECTION OF PANEL = L/180
- MAXIMUM SUPPORT REACTION = 809.0 LBS. (FOR (2) - 1/4" x 1" STAINLESS STEEL BOLTS BY ALL STATE FASTENER CORPORATION PER SUPPORT)

NOTE: THE ABOVE ALLOWABLES ARE BASED ON A 16" WIDE PANEL LOADING. TO GET THE WIND PRESSURE PER SQUARE FOOT, MULTIPLY PANELS PRESSURE TIME 12/16.

THIS 20 GAUGE (ASTM A792-95 GR 40, AZ55 COATED BY THE HOT-DIP PROCESS; YIELD STRENGTH = 54.9 ksi AND TENSILE STRENGTH = 62.8 ksi) STEEL PANEL SHALL BE USED ONLY IN THE CONSTRUCTION OF OPEN CANOPIES.

EACH ACTUAL CANOPY PROJECT SHALL BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND SUPPORT DETAILS AT STRINGERS AND INTERLOCKING SEAMS AS SHOWN ON THIS DRAWING. THE DESIGN OF THE PANEL SPAN SHALL BE IN COMPLIANCE WITH ALL OF THE ABOVE MAXIMUM ALLOWABLES.

ALL STATE FASTENER CORPORATION  
1/4" x 1" LONG STAINLESS STEEL BOLT

- BOLT
- YIELD STRENGTH MIN. (PSI): 30,000
- TENSILE STRENGTH MIN. (PSI): 75,000
- ELONGATION % MIN.: 20
- HARDNESS (ROCKWELL) MIN.: 870
- NUT
- PROOF LOAD STRESS (PSI): 75,000
- HARDNESS (ROCKWELL) MIN.: 870

CHARLES HAROLD MOSS  
FLORIDA REGISTERED ENGINEER  
NO. 22891

SPACE FOR LAB. RESULTS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE July 17 1998  
BY Helmut A. Moser  
PRODUCT CONTROL DIV.S.ON  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0519.06



**FREY-MOSS STRUCTURES**

1801 Industrial Blvd.  
Conyers, Georgia 30012  
Phone: (770) 483-7543  
Fax: (770) 483-6037

3" X 16" DECK TEST  
PLAN VIEW

*Handwritten signature and date*  
7-17-98

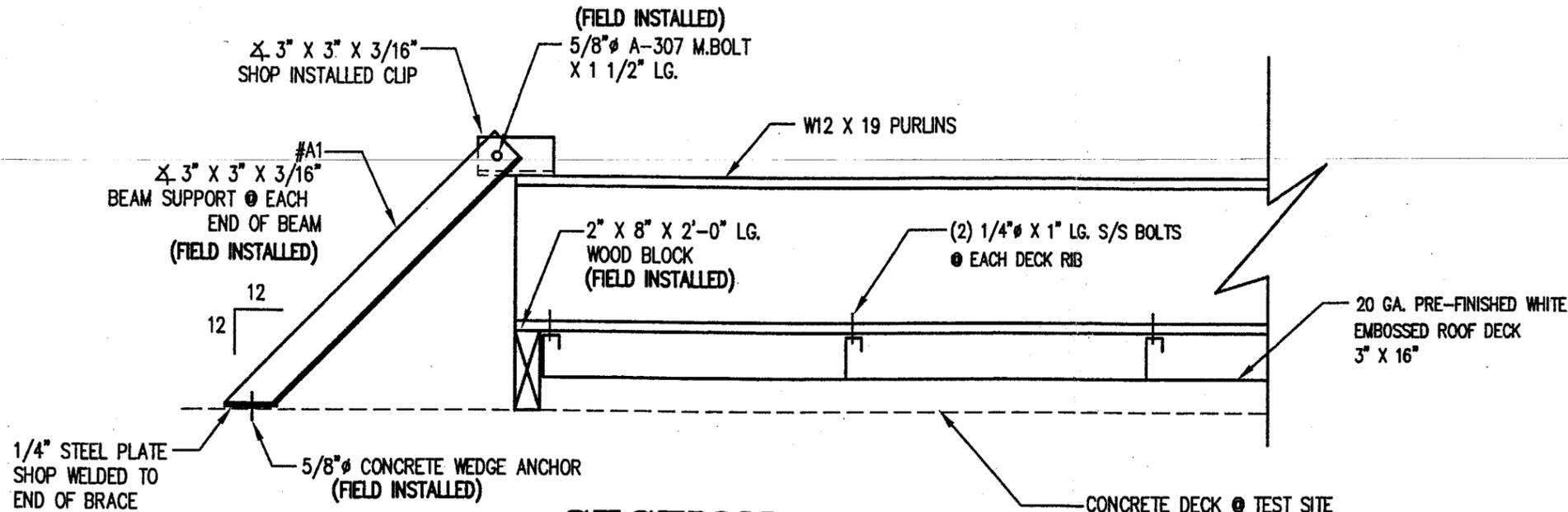
DRAWN BY:

B. Boyd  
DATE: 5-13-97

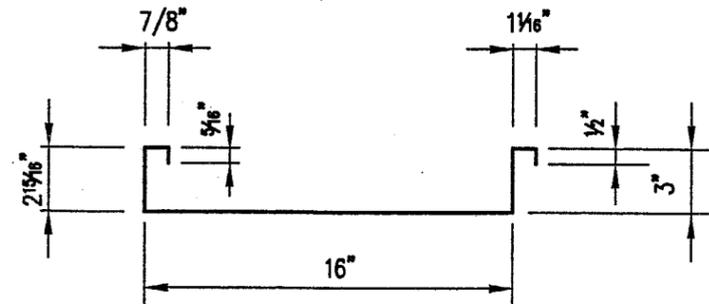
E1 1 OF 2

FILE - 78101/E1

BILL OF MATERIAL			
QUANTITY	MARK	DESCRIPTION	LENGTH
9	CB1	W12 X 19 PURLIN	5'-9"
12	CD1	3" X 16" EMBOSSED WHITE DECK	26'-0"
90		#14 X 3/4" TUFF-TITES	0'-3/4"
90		1/4" S/S BOLTS W/ NUTS	0'-1"
18	A1	L 3" X 3" X 3/16" BRACE	2'-3 1/2"
18		2" X 6" WOOD BLOCK	2'-0"
18		5/8" A-307 M. BOLT W/ NUT	0'-1 1/2"

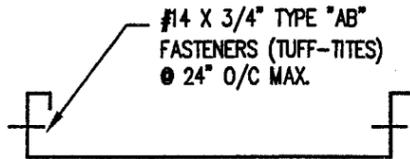


**SECTION**  
SCALE: 1 1/2" = 1'-0" (2/E1)

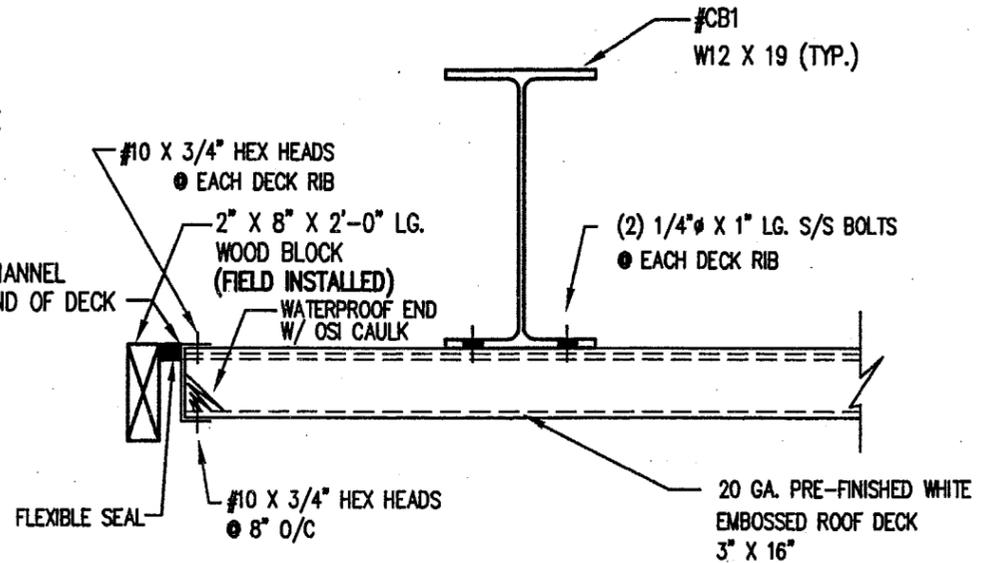


**DECK DETAIL**  
SCALE: 1 1/2" = 1'-0"

MATERIAL: 20 GA. EMBOSSED STEEL  
F<sub>y</sub> (TENSIL STRENGTH) = 50 ksi  
F<sub>b</sub> (ALLOWED BENDING STRENGTH) = 30 ksi  
t (THICKNESS) = .036 INCHES



**DECK FASTENER DETAIL**  
SCALE: 1 1/2" = 1'-0"



**SECTION**  
SCALE: 1 1/2" = 1'-0" (1/E1)

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0619-04  
EXPIRATION DATE: 07/17/2006  
By *Helmy A. Moss*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

CHARLES HAROLD MOSS  
FLORIDA REGISTERED ENGINEER  
NO. 22891

SPACE FOR LAB. RESULTS

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE July 17, 1998  
BY *Helmy A. Moss*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0519.06



**FREY-MOSS STRUCTURES**  
1801 Industrial Blvd.  
Conyers, Georgia 30012  
Phone: (770) 483-7543  
Fax: (770) 483-6037

3" X 16" DECK TEST  
SECTION AND DETAILS

*CH*  
7-17-98

DRAWN BY:  
G. Boyd  
DATE: 5-13-97

E1 2 OF 2