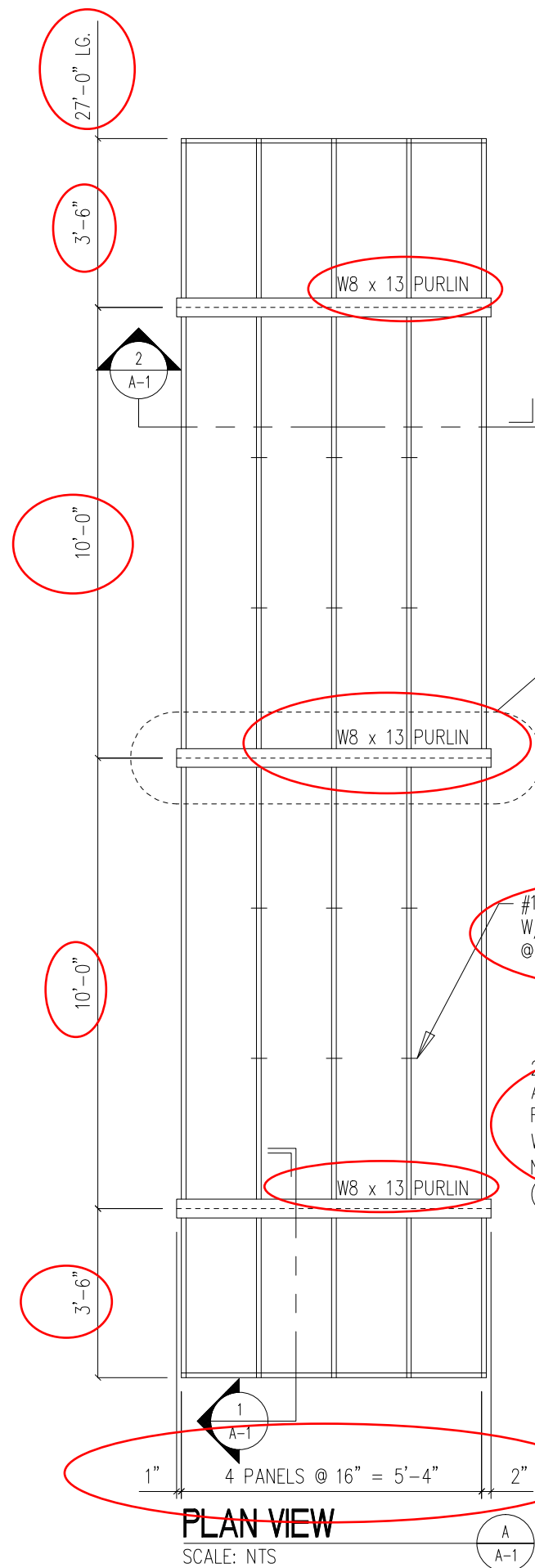
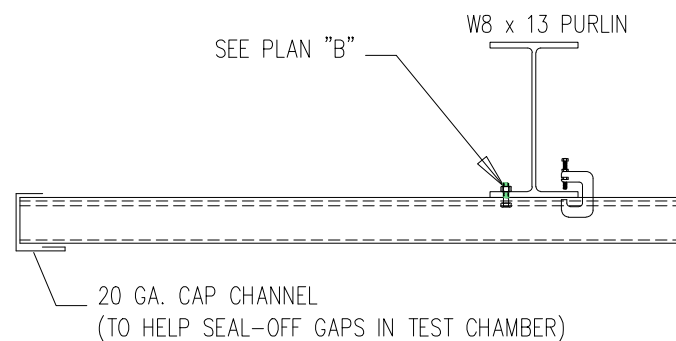




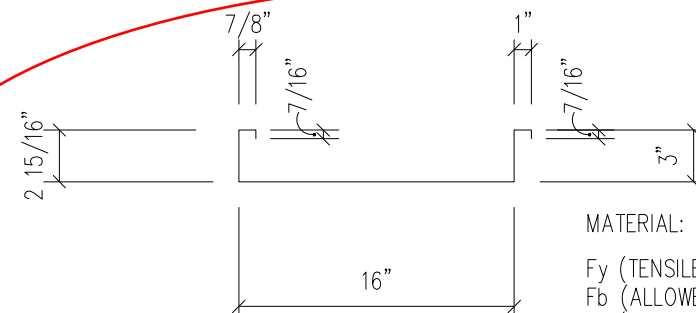
AMERICAN TEST LAB NORTH
DATE 11/25/14
REPORT NO. ATLNC 1013.01-14

Keith Owen
ATL INSPECTOR



SECTION

SCALE: 1" = 1'-0"



DECK PROFILE

SCALE: 1" = 1'-0"

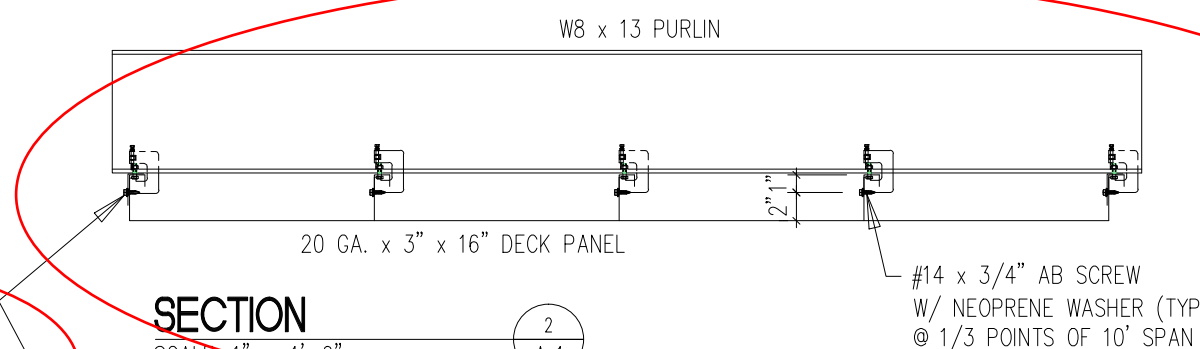


MATERIAL: 20 GA., GRADE D, G90 (GALV. & PAINTED)

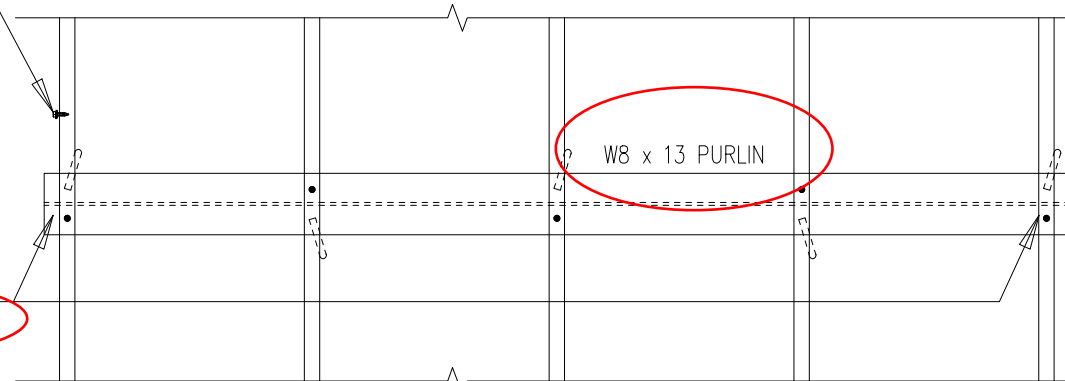
$$F_y \text{ (TENSILE STRENGTH)} = 50 \text{ ksi}$$

Fb (ALLOWED BENDING STRENGTH) = 30 ksi

t (THICKNESS) = .036 inches



SECTION

~~SCALE: 1" = 1'-0"~~

PLAN VIEW FOR DECK ATTACHMENT



- ### GENERAL NOTES
- 1) THE MAXIMUM DESIGN ALLOWABLES FOR THE 20 GAUGE STEEL ROOF PANELS (3" x 16" PANEL) AND THE 1/4" STAINLESS STEEL BOLTS WITH DECK CLIPS SHALL BE AS FOLLOWS:

10' SPAN UPLIFT = 65 PSF
10' SPAN WIND/LIVE LOAD + DEAD LOAD = 65 PSF
MAXIMUM DEFLECTION OF PANEL = L/60
 - 2) THIS 20 GAUGE STEEL PANEL SHALL BE USED IN THE CONSTRUCTION OF OPEN CANOPIES AND EACH PROJECT SHALL BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND SUPPORT DETAILS AS SHOWN IN THIS TEST. THE DESIGN OF THE PANEL SHALL BE IN COMPLIANCE WITH THE ABOVE MAXIMUM ALLOWABLES.
 - 3) W8 X 13 PURLINS WERE USED FOR TEST PURPOSES. SIZE OF PURLINS ON ACTUAL CANOPY DESIGN WILL VARY.

PROJECT	20 GA. x 3" METAL DECK TEST (10' SPAN)		DATE	DESCRIPTION	BY
	PLAN AND DETAILS				
LOCATION	MADISON INDUSTRIES MADISONIND.COM CALIFORNIA 1901 CALIFORNIA AVE. Los Angeles, CA 90001 (213) 834-1400 Fax: (213) 834-1401		DATE	DESCRIPTION	BY
	GEORGIA 1055 W. 85th Ave. Covington, GA 30004 (770) 834-1400 Fax: (770) 834-1401				
 THESE DRAWINGS AND ALL INFORMATION HEREON ARE OF A CONFIDENTIAL NATURE AND REMAIN THE PROPERTY OF MADISON INDUSTRIES, INC. ANY REPRODUCTION OF THESE DRAWINGS FOR PURPOSES, EXCEPT BY WRITTEN PERMISSION OF MADISON INDUSTRIES IS STRICTLY PROHIBITED.					
PROFESSIONAL ENGINEER					
MODEL No.					
SCALE					
NOTED					
DRAWN BY A.KRECH		DATE 10-22-			
CHECKED BY		DATE			
ME ENGINEER		DATE			
DRWG. No.					
A-12					
SHEET		OF			
1		1			
JOB No.					
WQA07980-					