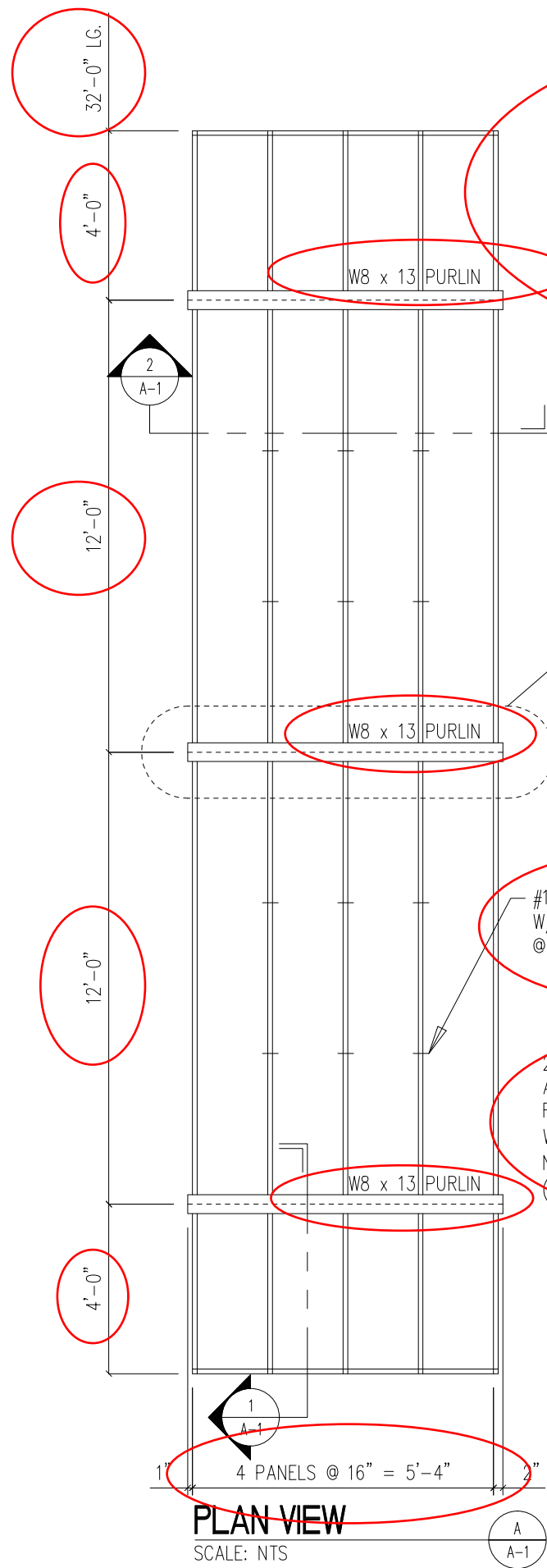
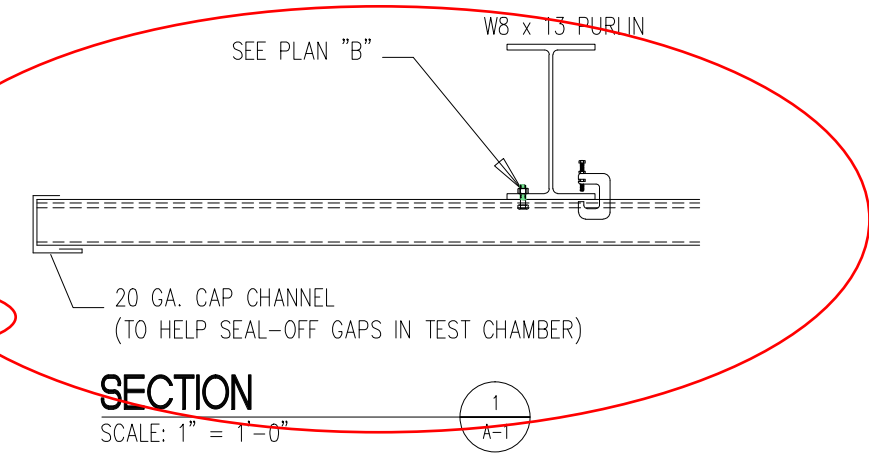


RT JAN. 2012
FILE NAME: A1.3 METAL DECK TEST WGA07980-1.dwg



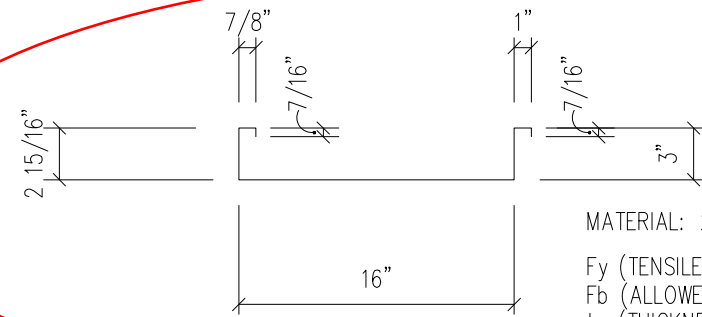
PLAN VIEW
SCALE: NTS



SECTION
SCALE: 1" = 1'-0"

AMERICAN TEST LAB NORTH
DATE 11/25/14
REPORT NO. ATLNC 1014.01-14

Keith Owen
ATL INSPECTOR

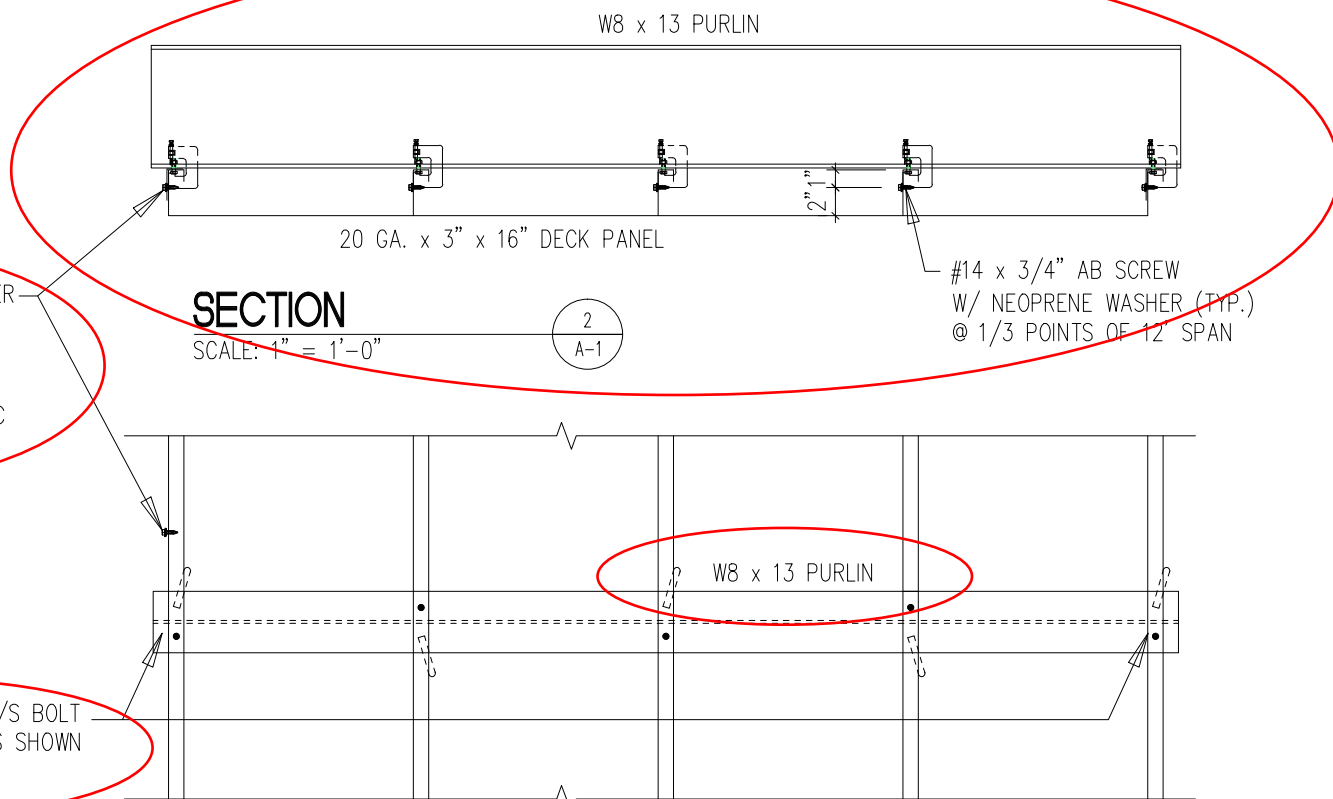


DECK PROFILE
SCALE: 1" = 1'-0"

#14 x 3/4" AB SCREW
W/ NEOPRENE WASHER (TYP.)
@ 1/3 POINTS OF 12' SPAN

20 GA. GALV. STEEL RIB STIFFENER
ANGLE AT FIRST AND LAST RIB.
FASTEN TO DECK PANEL RIBS
W/ #14 x 3/4" AB SCREW W/
NEOPRENE WASHERS @ 2'-0" O/C
(TYP.)

USE DECK CLIP AND 1/4" S/S BOLT
AT EACH RIB, ALTERNATE AS SHOWN



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:

12' SPAN UPLIFT = 55 PSF
12' SPAN WIND/LIVE LOAD + DEAD LOAD = 55 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.

BY	
DESCRIPTION	
DATE	
REV.	
20 GA. x 3" METAL DECK TEST (12' SPAN) PLAN AND DETAILS	
PROJECT	
LOCATION	
MADISON INDUSTRIES MADISONIND.COM OKLAHOMA 8500 New Sapulpa Road 1085 FHS Drive COWLEY, OK 73044 770-483-4401 Fax 770-785-7967 Fax 918-224-8530	
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PROFESSIONAL ENGINEER	
MODEL No.	
SCALE	
NOTED	
DRAWN BY	DATE
AKRECH	10-22-14
CHECKED BY	DATE
MI ENGINEER	DATE
DRWG. No.	
A-1.3	
SHEET	OF
1	1
JOB No.	
WGA07980-1	

John F. Bradley PE
Florida No. 73722