

Cabinet = Hammond 1411GU, DigiKey P/N = HM609-ND.  
Cabinet size is 4" wide x 2.2" deep x 1.6" high.

Analog Board has the switches directly soldered to the PCB.  
The individual switch bushings and nuts are then used to mount the Analog Board to the cabinet top panel.

The BNC connectors are bolted to the cabinet front panel and a short length wire/coax connects them to the Analog Board.

The CPU Board plugs into the Analog Board with an 18 pin square pin connector/header and a 7 pin square pin connector/header and is located parallel and below the Analog Board. Components on the CPU PCB face downward.

The USB Board plugs into the CPU Board with a 6 pin square pin connector/header and is located parallel and below the CPU Board. Components on the USB PCB face downward.



Electrical design based upon the original design work of Jonathan Weaver.  
<http://jonathanweaver.net/ppmscope.html>

**DOC MECH**

Scale:  
**1 : 1**

## DSOscope

### Circuit Board and Cabinet Configuration

Mechanical Designer:

**WA7ZVY**

Electrical Designer:

**WA7ZVY**

Checked by:

**WA7ZVY**

Date:

**Jan. 12, 2013**

Size:

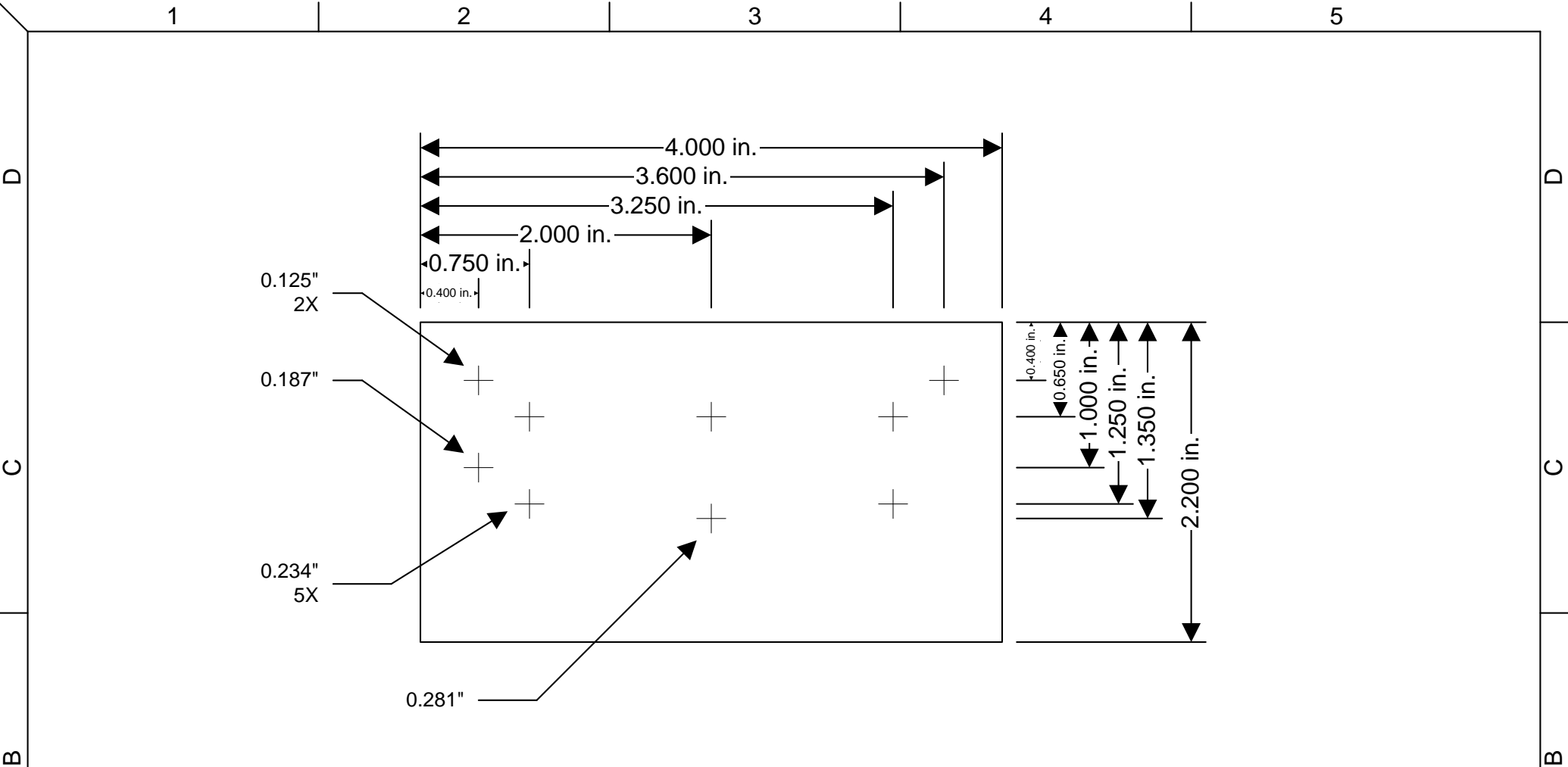
**A**

Revision:

**A03**

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CABINET TOP - TOP

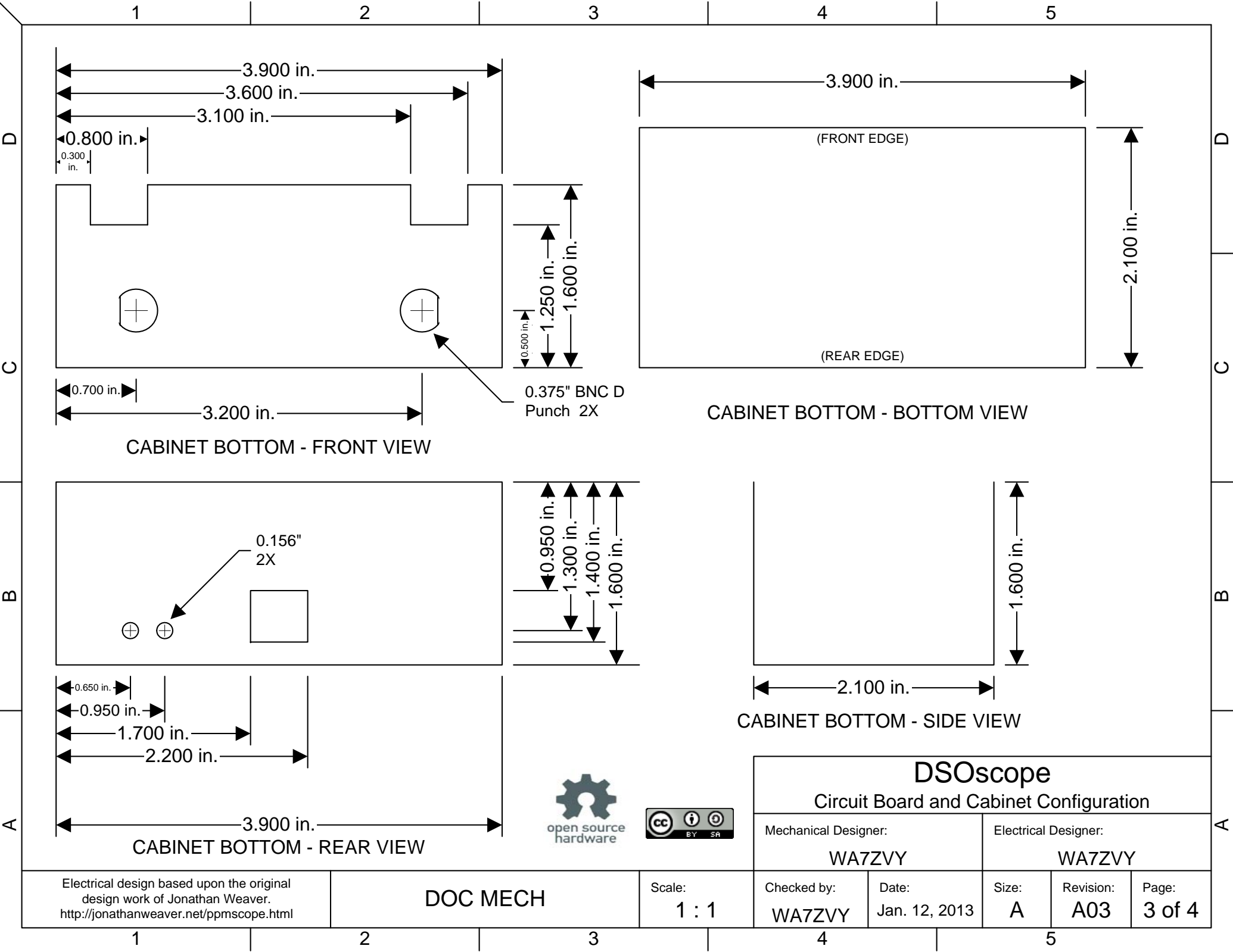


DSOscope				
Circuit Board and Cabinet Configuration				
Mechanical Designer:		Electrical Designer:		
WA7ZVY		WA7ZVY		
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DOC MECH

Scale:  
1 : 1



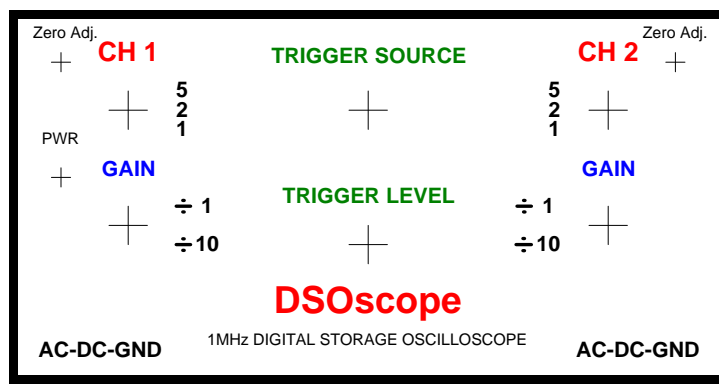
DSOscope				
Circuit Board and Cabinet Configuration				
Mechanical Designer:			Electrical Designer:	
WA7ZVY			WA7ZVY	
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DOC MECH

Scale:  
1 : 1

3.700 in.



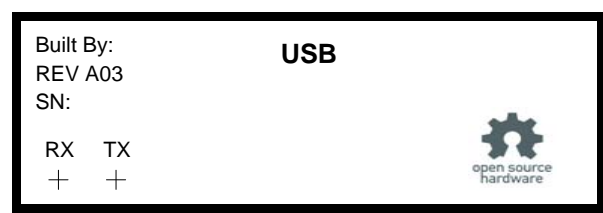
TOP LABEL

3.050 in.



FRONT LABEL

3.050 in.



REAR LABEL



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DOC MECH

Scale:  
1 : 1

DSOscope				
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