

ORIGINATED BY ALAN ROEMER - GP

MODEL OR MODULE AFFECTED
M5 MARKER ADDER MODULE ON PC BOARD

NATURE AND REASON FOR CHANGE TO HELP ELIMINATE MODULES SENSITIVITY TO VARIOUS MECHANICAL AND ELECTRICAL PROBLEMS.

1. CHANGE WIRE FROM PIN 9 TO R33 (PIN DIODE SWITCHING) FROM STANDARD WIRE TO WHITE COAX. THIS ELIMINATES THE WIRE ACTING AS AN ANTENNA

2. CHANGE C19 TO A DIFFERENT PACKAGE TYPE (SMALLER) PHYSICAL SIZE

3. HAVE GROUND PLANE OF PC BOARD SOLDERED ALL AROUND THE WRAP AROUND.

4. MAKE R33 A STAR VALUE TO ALLOW SWEEP SAMPLE FLATNESS COMPENSATION

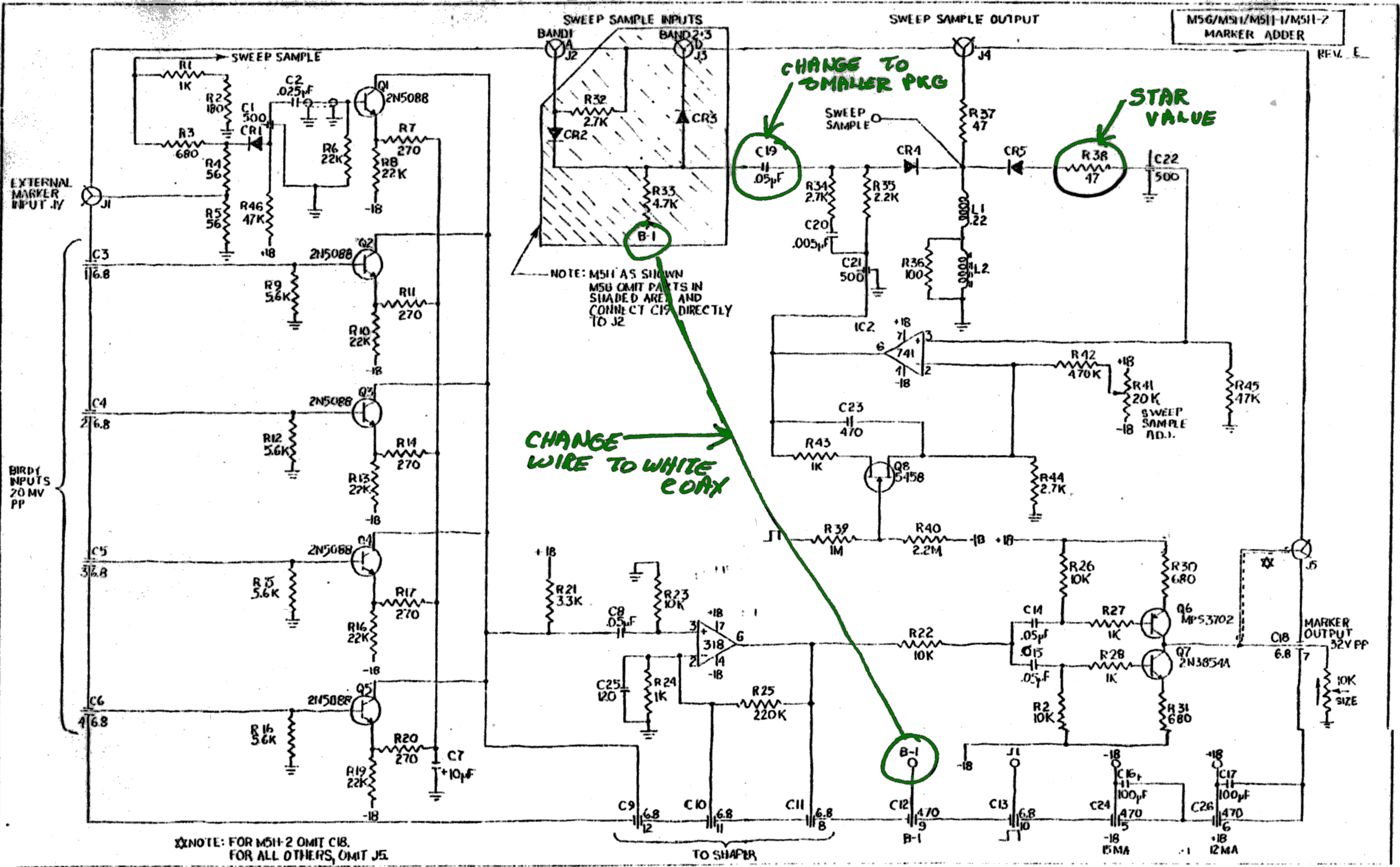
DRAWING AFFECTED AND HOW (USE MARKER PRINTS AND ADDITIONAL SHEETS AS NEEDED)

SEE PAGE 2

ACTION			INITIALS	REASONS
PROJ. ENG.	APP	DISAPP		
MECH ENG.	APP	DISAPP		
OTHER	APP	DISAPP		
OTHER	APP	DISAPP		
CH. ENG.	APP	DISAPP		
ECN#				

*Sweep Sample Unit on PCB
 Add solder on top of cone over 47 capacitor*

REQ'UE) CHANGES IN GREEN INK



NOTE: FOR MS11-2 OMIT C18.
 FOR ALL OTHERS, OMIT J5.

SOLDER PC GROUND PLANE
 COMPLETELY TO WRAP AROUND

AUAN ROEMER
 5-2-80

SHEET 282