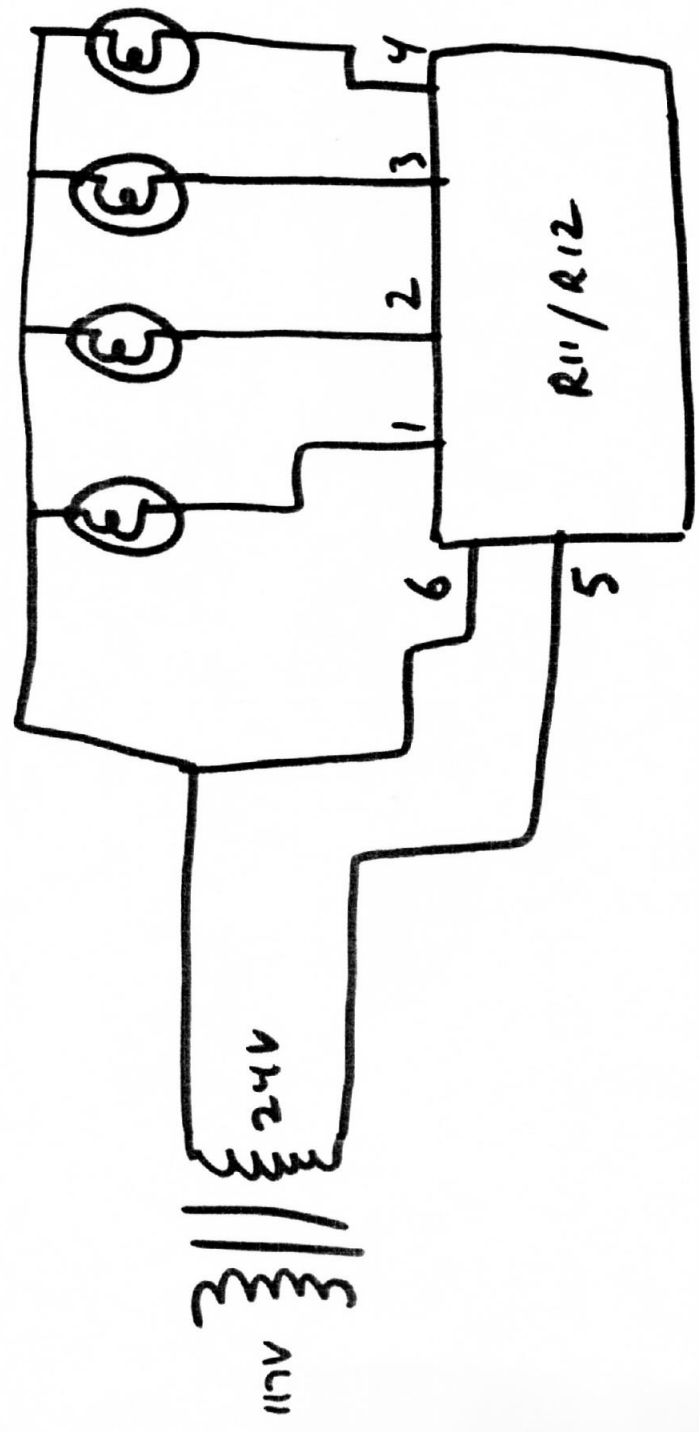
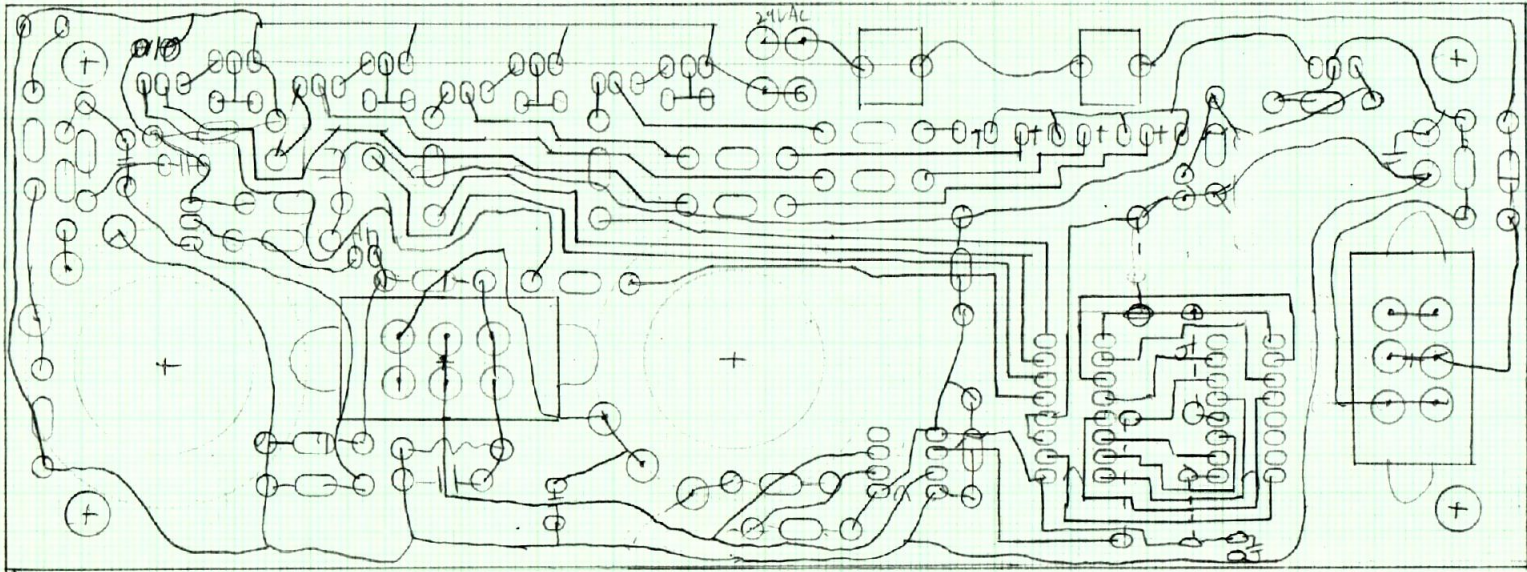


R11/R12

Hookup

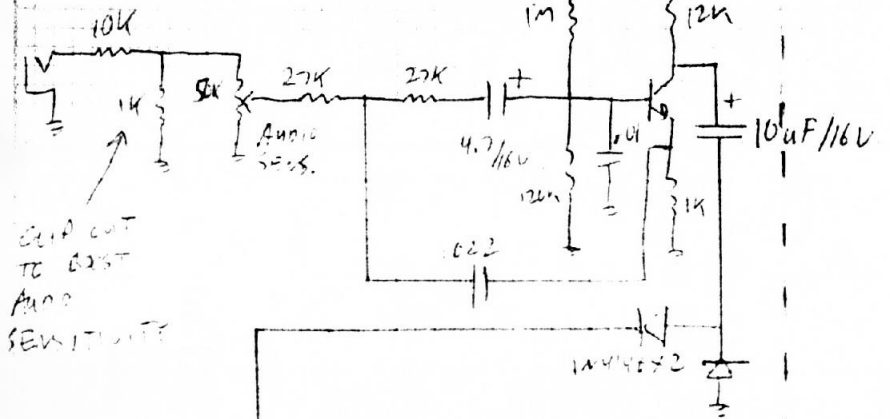


Don Arman
Oct 20/85
Vancouver BC



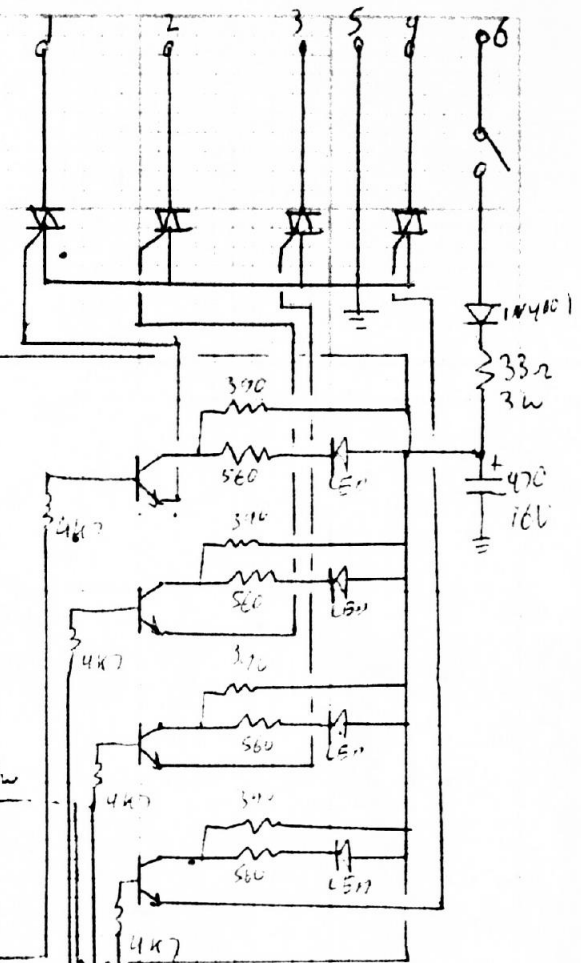
R11/R12 circuit

THIS AREA IN R12 ONLY

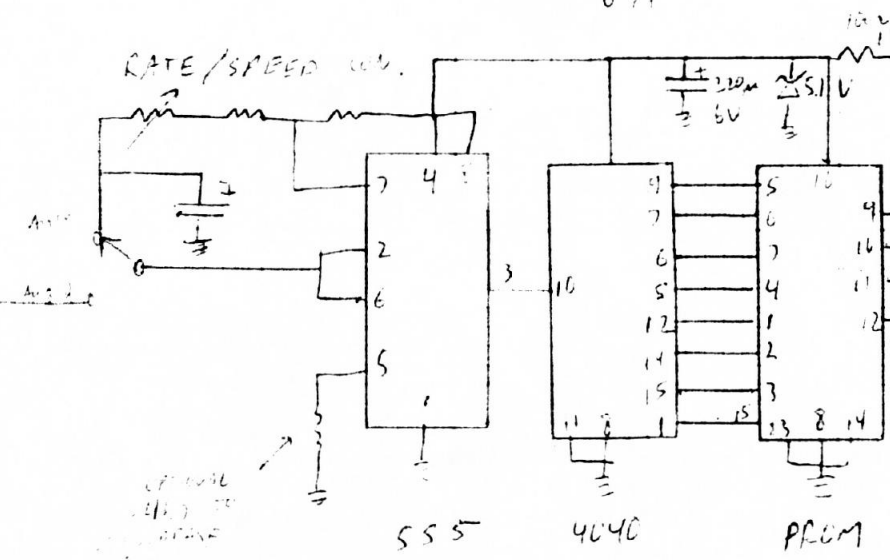


All Q's = 2SC1215 OR EQUIV.

All triacs - IT18
100V
8.1



RATE/SPEED CONTROL



CLIP CUT TO BOOST AUDIO SENSITIVITY

Dan Aron
Oct 29/85
Vancouver, BC

Fraser Electronics

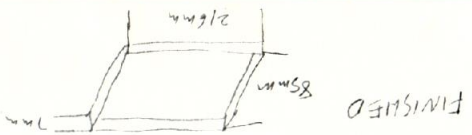
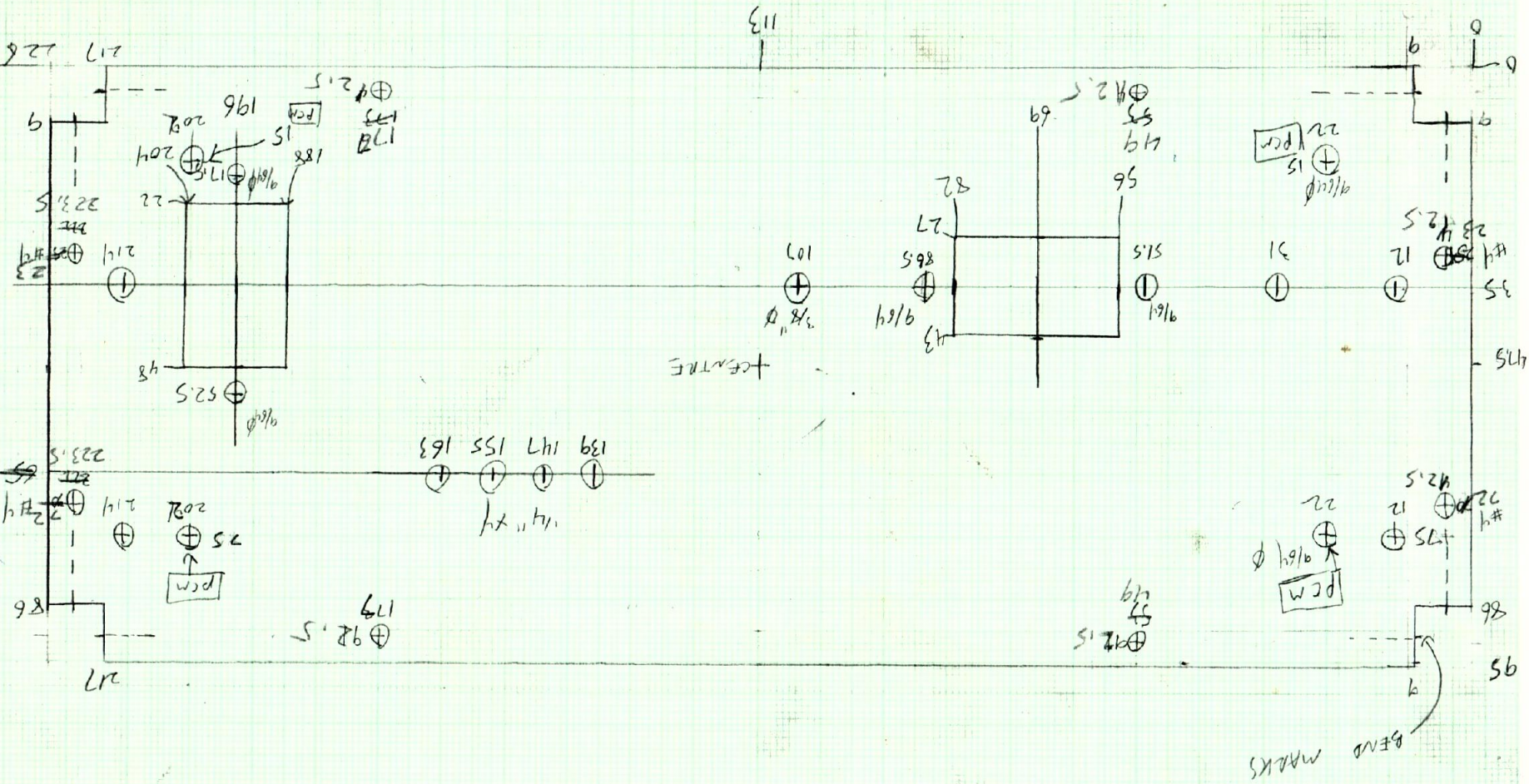
AUDIO
SENSITIVITY

TRIGGER
SOURCE

RATE

R12
CONTROLLER

POWER



ENT 95mm x 226mm
 3.746" x 8.898"
 3.1332" x 8.5716"

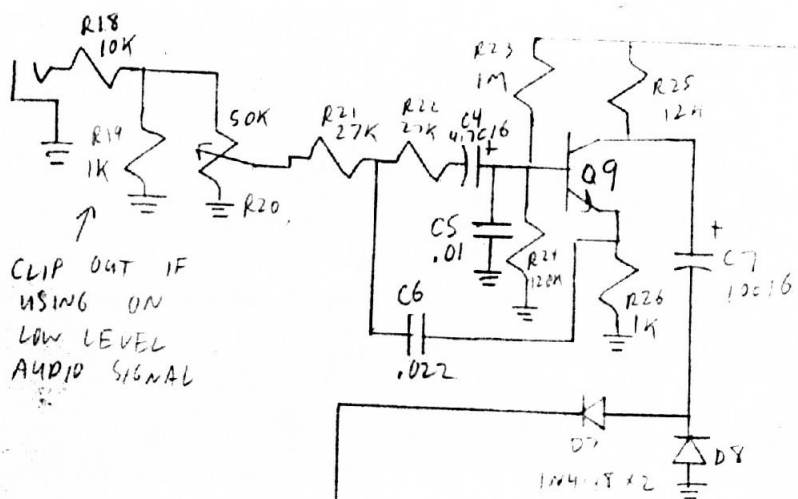
SUB FRONT

This area in R12 only

R11/R12

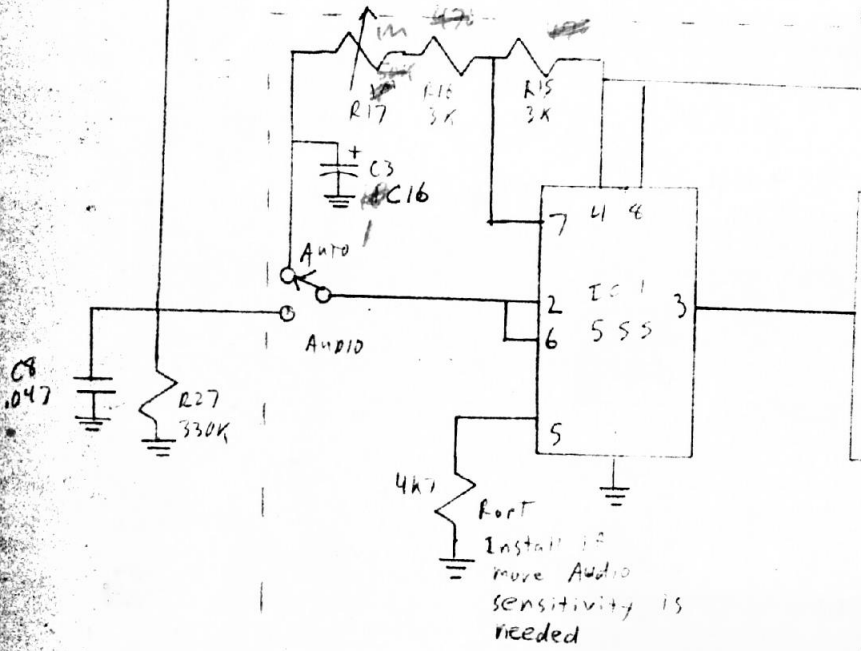
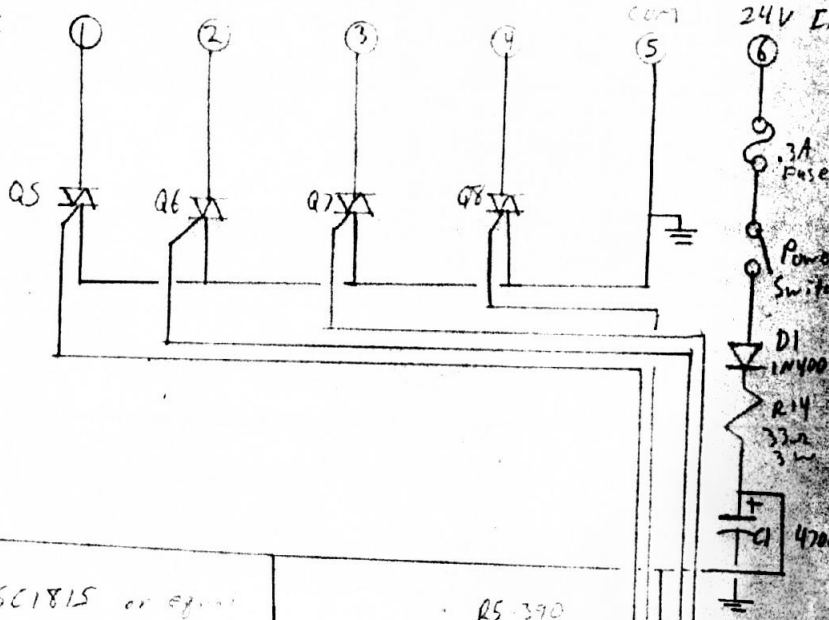
Circuit Diagram

6 PIN CINCH JACK SOCKET



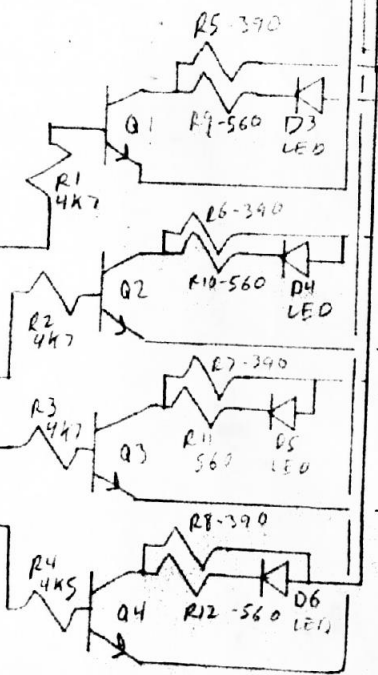
CLIP OUT IF USING ON LOW LEVEL AUDIO SIGNAL

All Q's = 2SC1815 or eq.
All Trincs IT18 100V 8A



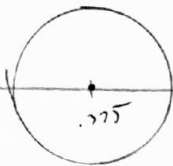
Install if more Audio sensitivity is needed

R11/R12
© Daniel Fraser
Jan. 3, 1986 - Original Oct 29/85
Vancouver, B.C.



AUDIO
SENSITIVITY

SPEED

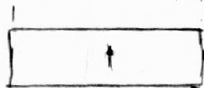


ON



MAX

MIN



AUDIO

AUTO

FLASH

**Fraser
Electronics**

**MODEL
R11**

RATE

POWER

**Fraser
Electronics**

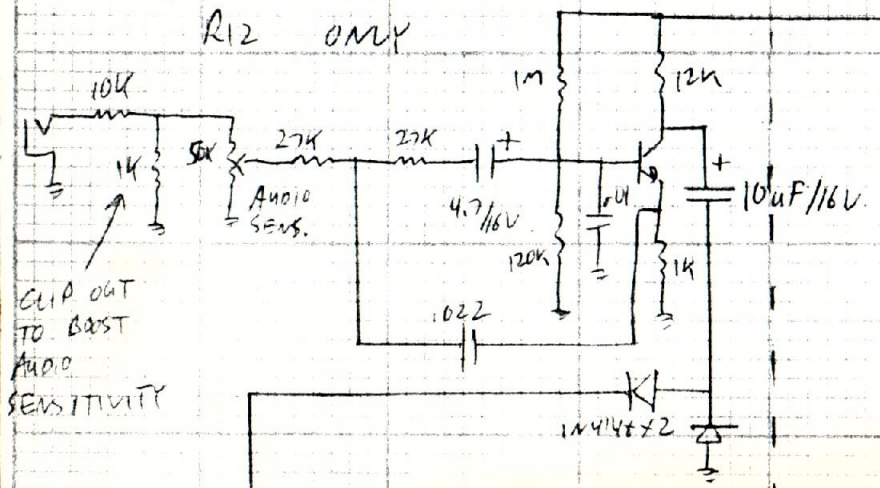
**MODEL
R11**

RATE

POWER

R11/R12 circuit

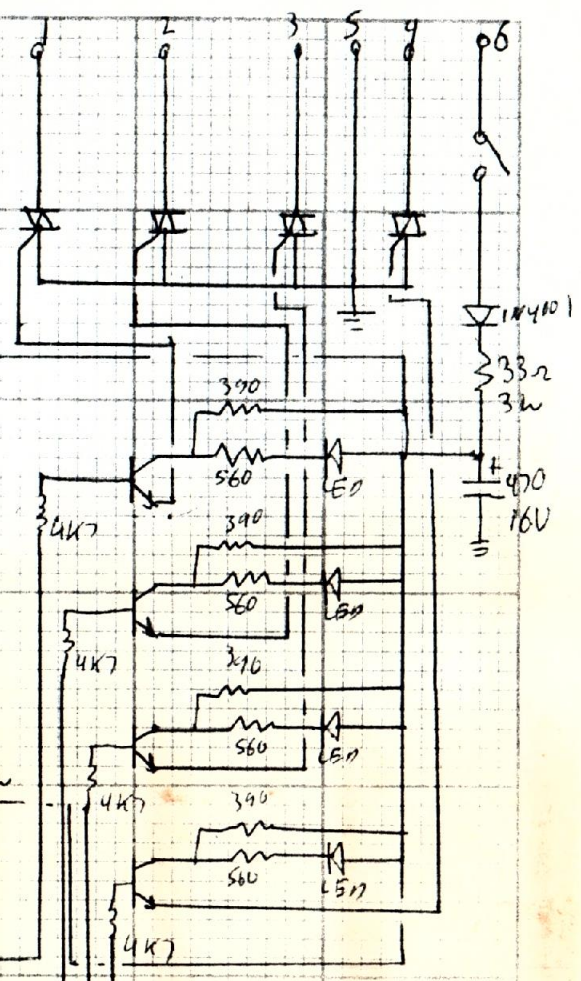
THIS AREA IN R12 ONLY



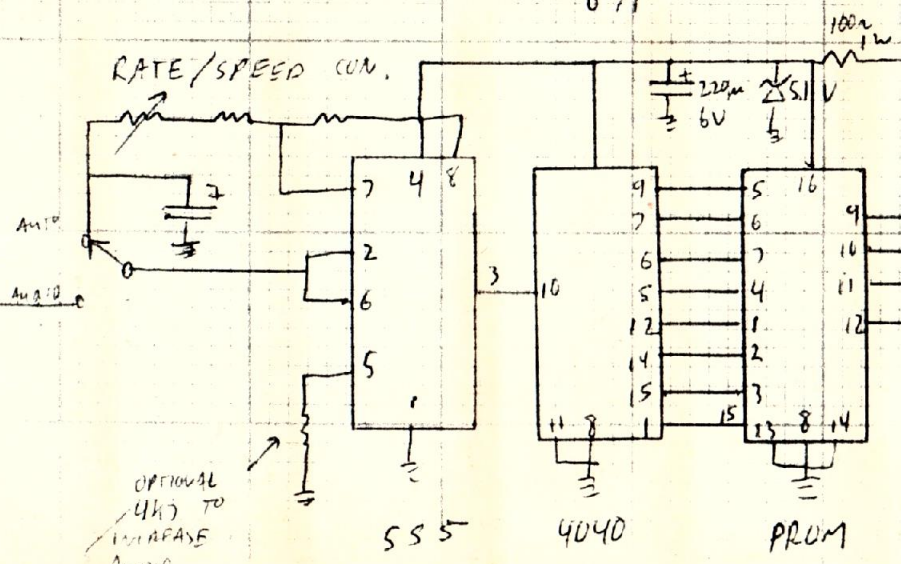
CLIP OUT TO BOOST AUDIO SENSITIVITY

All Q's = 2SC1815 OR EQUAL.

All triacs - IT18
100V
8A



RATE/SPEED CON.



OPTIONAL 4K7 TO INCREASE AUDIO SENSITIVITY

Dan Aronson
Oct 29/85
Vancouver, B.C.

ADD MTG HOLES

R11/R12 Front Panel

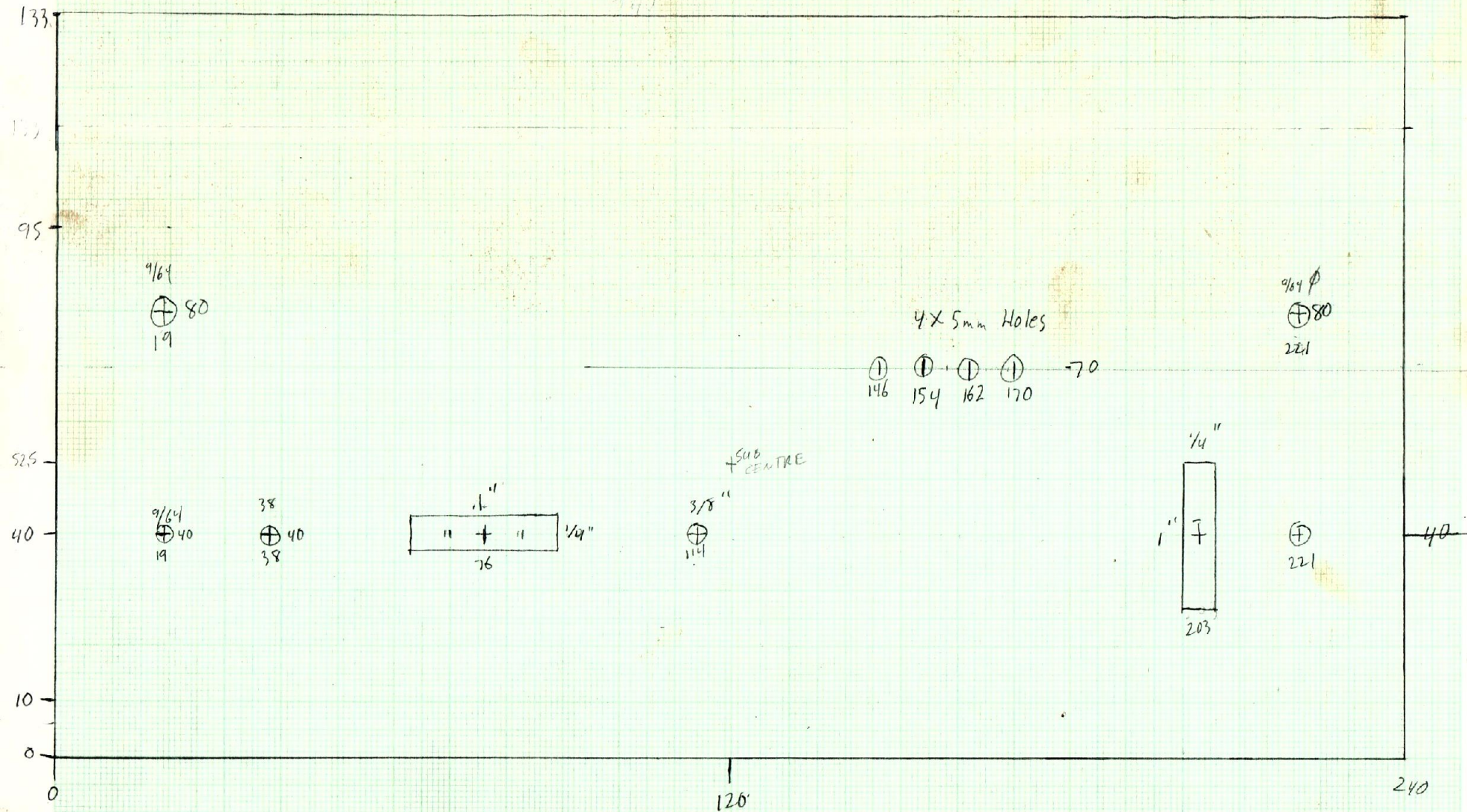
CUT

133 x 240 mm = 5.236 x 9.449"
5 15/64 x 9 29/64

Front Panel.

9.48 AC

METRIC



**Fra er
Electronics**

VALA



**MODEL
R11**

**R12
CONTROLLER**



**AUDIO
SENSITIVITY**



**TRIGGER
SOURCE**



RATE



POWER

Fraser Electronics

VAV



MODEL
R11

CONTROLER
R12



POWER



RATE



TRIGGER
SOURCE



SENSITIVITY
AUDIO