

WETS DMBUMAL wire

PIN 1 2 yellow wires

PIN 2 2 Red's

(Note: screw size diff for ground)

green = ground

PIN 4 BLACK

5 Black/white

Conts

PIN 6 white w/ Blue Term

PIN 7 white w/ Red Term

WKS 220VAC

grey = line level antis  
white = key line



Agency for  
Defense  
Development



AFRL/DEHE  
3550 Aberdeen Av  
Kirtland AFB, NM 8  
Email: Paul.Trybu



5303 DuPont Circle  
Milford, OH 45150

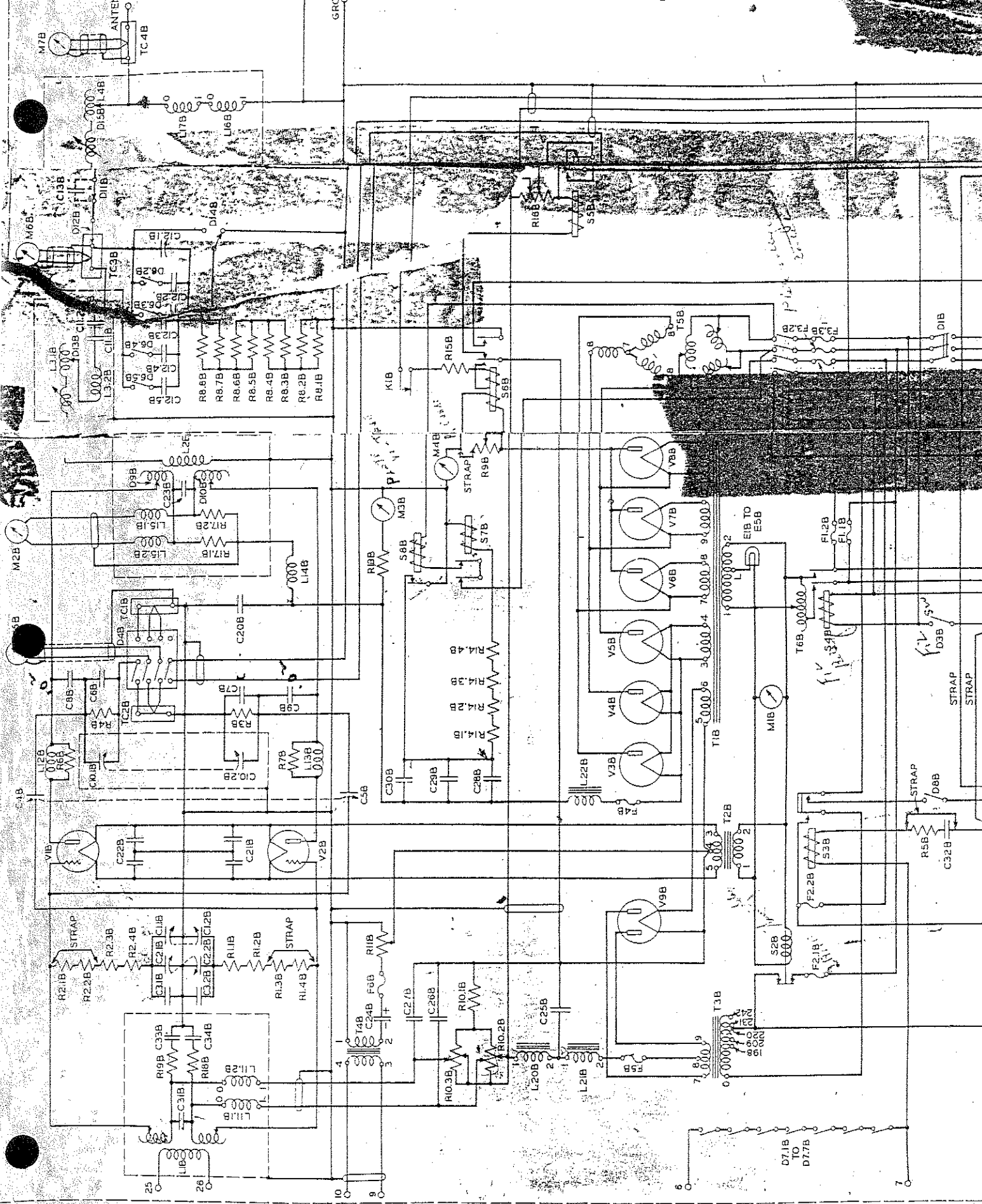
513.576.3887  
513.576.3994 FAX

jim.martin@iti-global.com  
www.iti-global.com



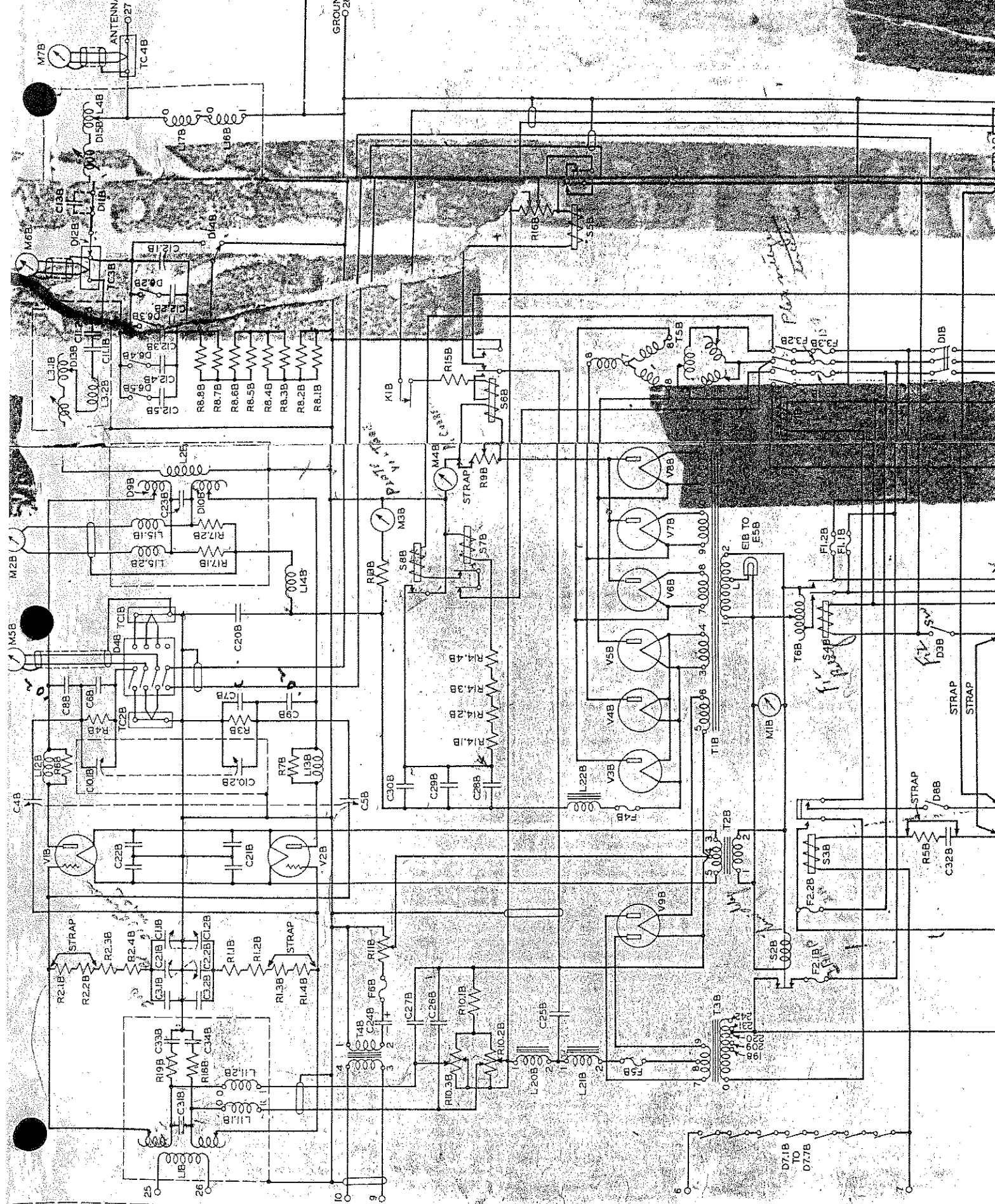
Claim Department

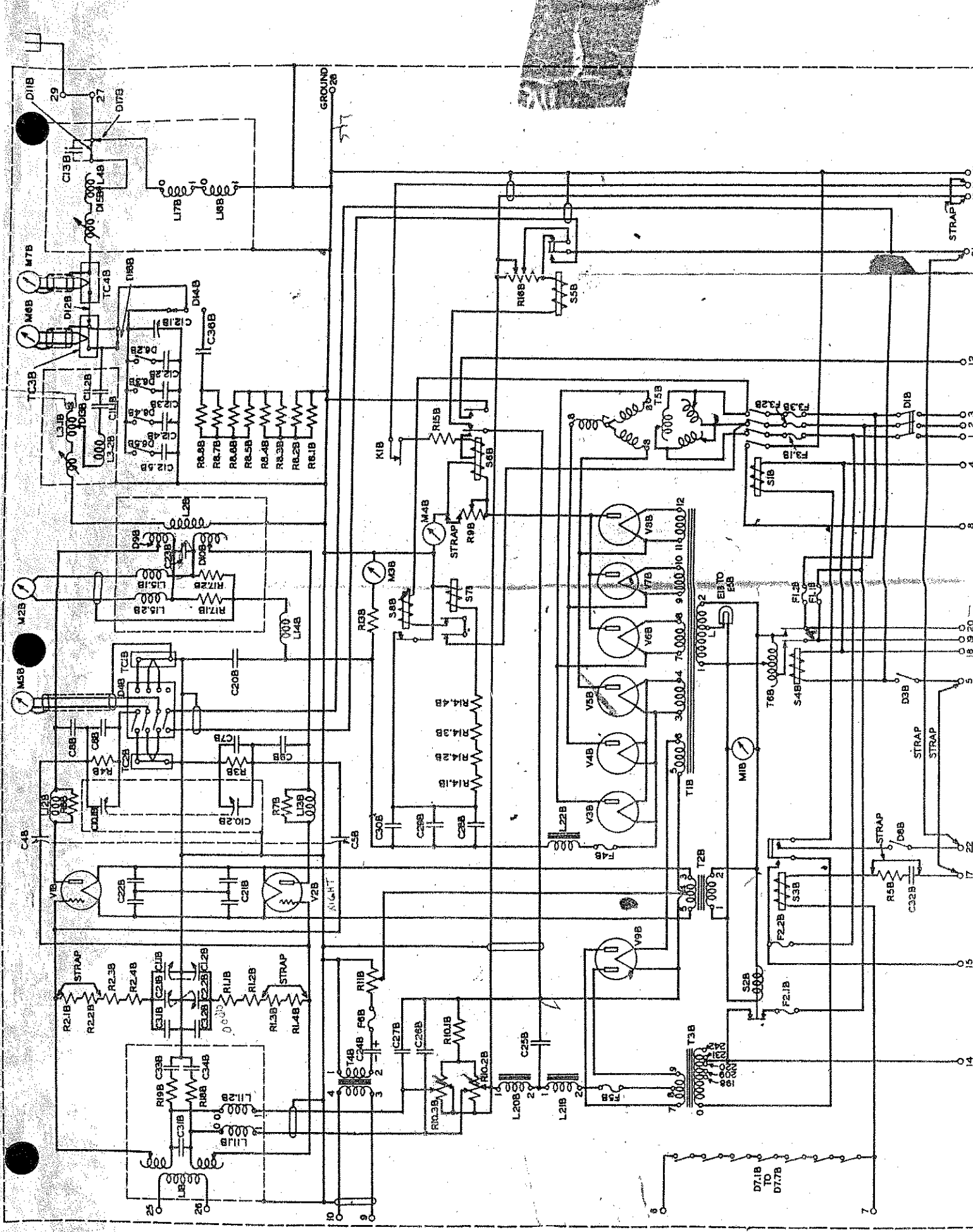
stpaultravelers.com



D7.1B  
TO  
D7.7B

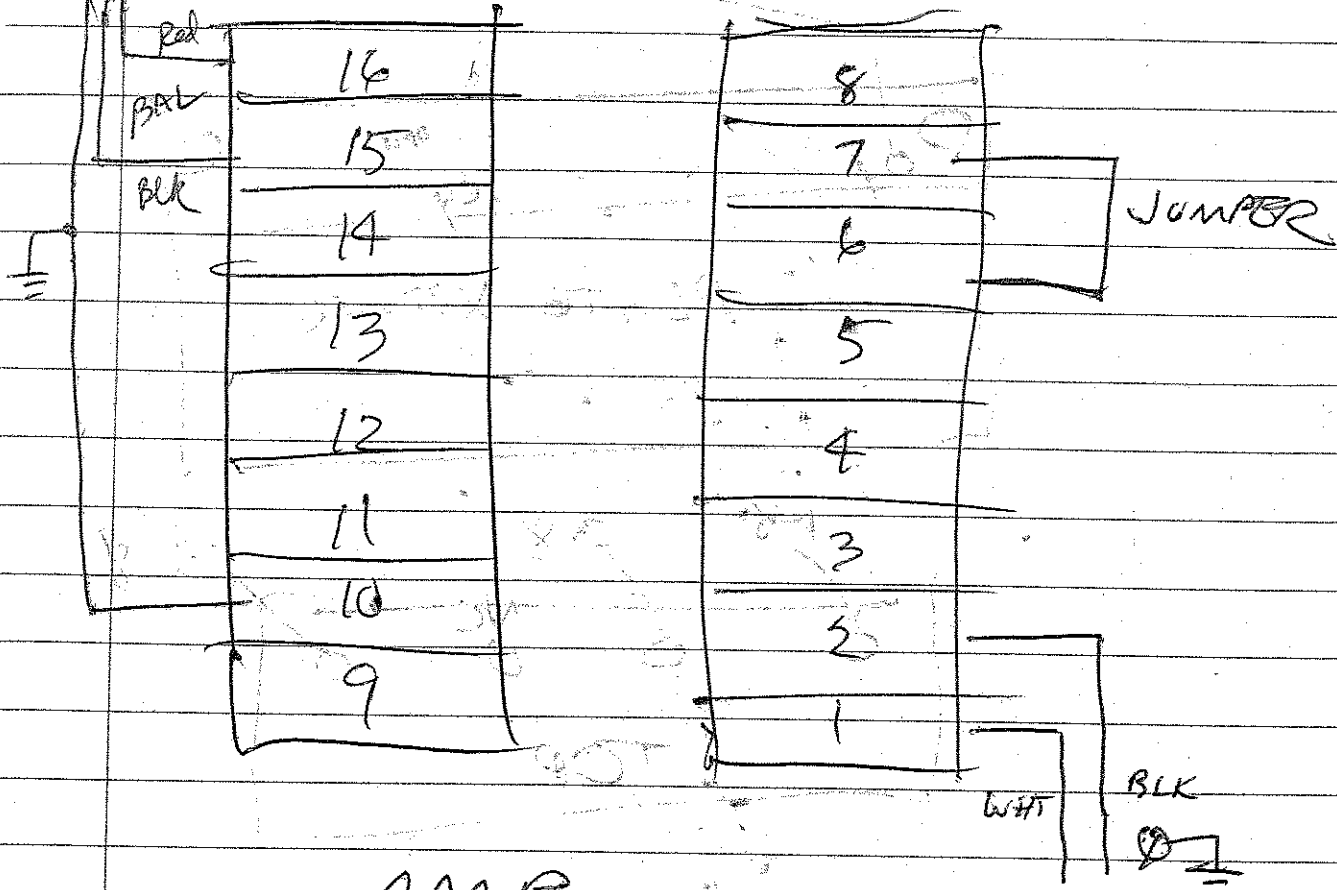
*Handwritten signature and notes:*  
 11-13-41  
 [Signature]



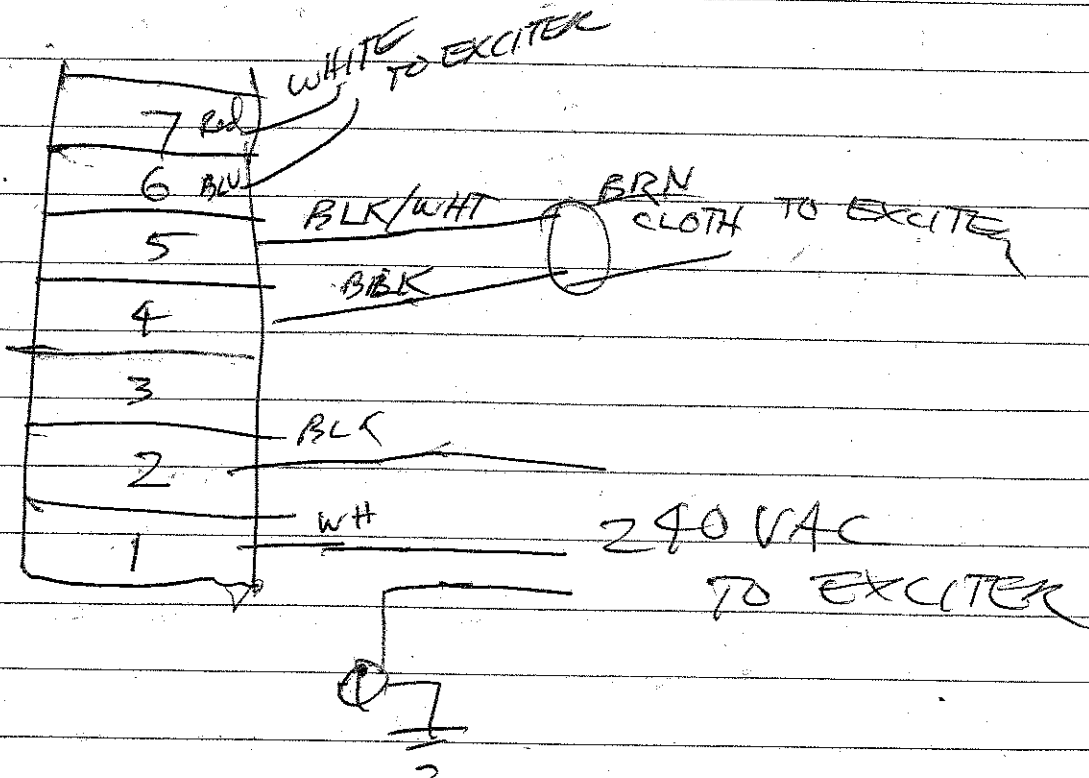


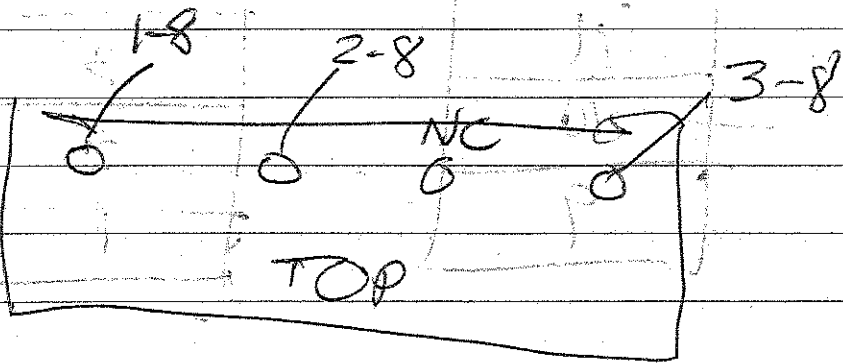
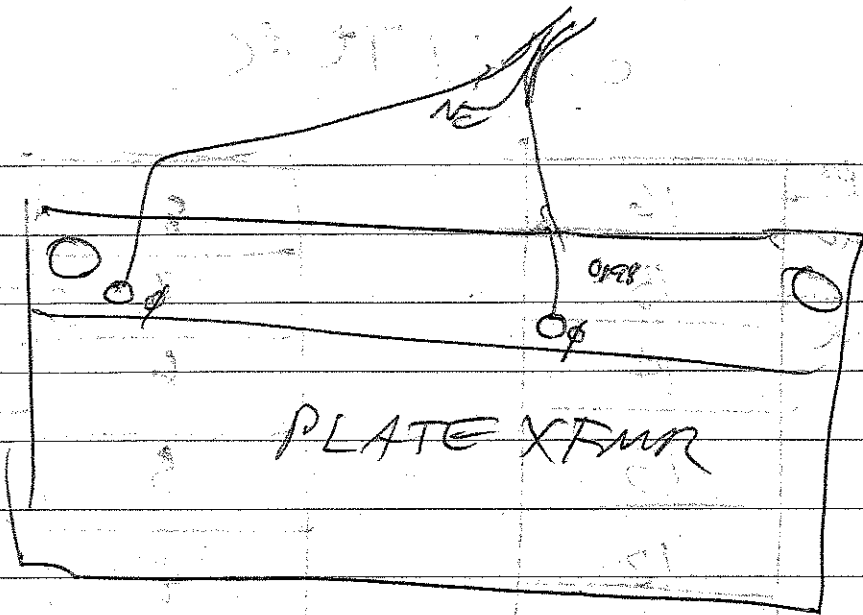
# EXCITER

Anders



# AMP





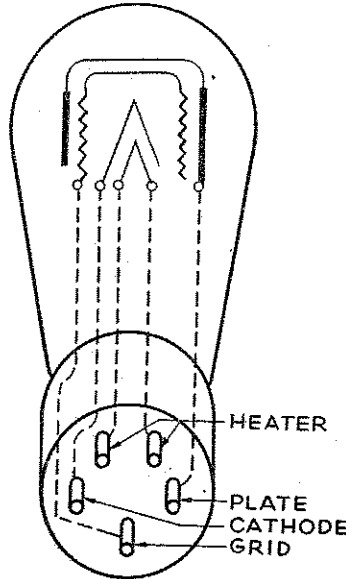
70  
 75  
 17  
 80  
 172

Murray Feedback

IMPORTANT—READ CAREFULLY

## Western Electric

### 271A Vacuum Tube



#### CLASSIFICATION

The 271A is a three element vacuum tube having an indirectly heated cathode which permits operation of the heater element directly on alternating current.

It is intended primarily for use as an audio-frequency amplifier tube in applications requiring 2.0 watts or less of output power.

#### BASE, SOCKET AND MOUNTING

The 271A tube employs a standard five prong base suitable for use in the Western Electric 141A or similar socket. It may be mounted in either a vertical or horizontal position, although the vertical position is preferable.

#### HEATER RATING

Heater Voltage	5.0 Volts, A.C. or D.C.
Nominal Current	2.0 Amperes

The heater of this tube is designed to operate on a voltage basis and should be operated at as near the rated voltage as possible. Operation at a higher voltage will definitely reduce the life of the tube.

#### OPERATING CONDITIONS

In the table below are shown a series of operating conditions for the tube when used as an amplifier.

Whenever possible the tube should be operated at the recommended conditions. Operation at maximum conditions may reduce the life of the tube.

	<u>Plate Volts</u>	<u>Grid Volts</u>
Recommended Conditions	250	— 9 to —18
	300	—15 to —24
	350	—22 to —30
Maximum Conditions	350	—20
	400	—30

#### PATENT

271A-4

1678145

1799850

1863342

1991197

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