BELL TELEPHONE LABORATORIES
INCORPORATED

SCHEMATIC CIRCUIT DIAGRAM OF CONVERTED 53-A AMPLIFIER
FOR USE WITH 618A-3 OR 618A-13 TRANSMITTER

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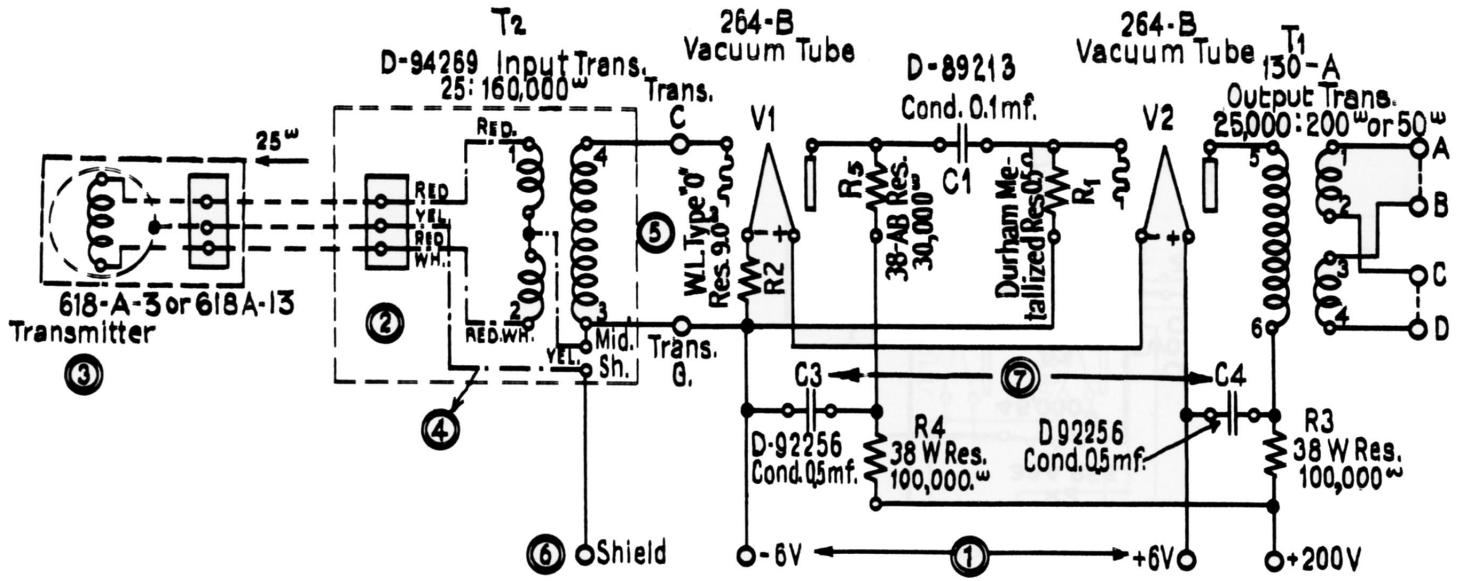
Western Electric Company

No.53-A AMPLIFIER



For 200ω Output strap B and C.
For 50ω Output strap as shown

Notes:

1. The negative Terminal of the 200 Volt Battery may be connected to either the negative or positive terminal of the 6 volt battery, and the common conn. should be grounded.
2. The D-94269 Input Transformer includes the D-94535 Plug as an integral part of the Transformer.
3. The 618-A-3 Transmitter includes the 405-A-3 Jack, and the 618-A-13 Trans. includes the 405-A-13 Jack, as an integral part of Trans.
4. Lines shown thus —·— are Internal Transformer Connections.
5. Ward-Leonard 9ω Type "0" Resistance to be equipped with "Radio" terminals.
6. The Shield Terminal on the Amplifier should be connected to the shield of the five conductor (Battery & Output) cord, and shield grounded only at the 6 volt battery.
7. Condensers C3 & C4, D92256 Cond. supersede D86779 0.4 m.f. Cond. employed in early shop production 53-A Amplifiers.