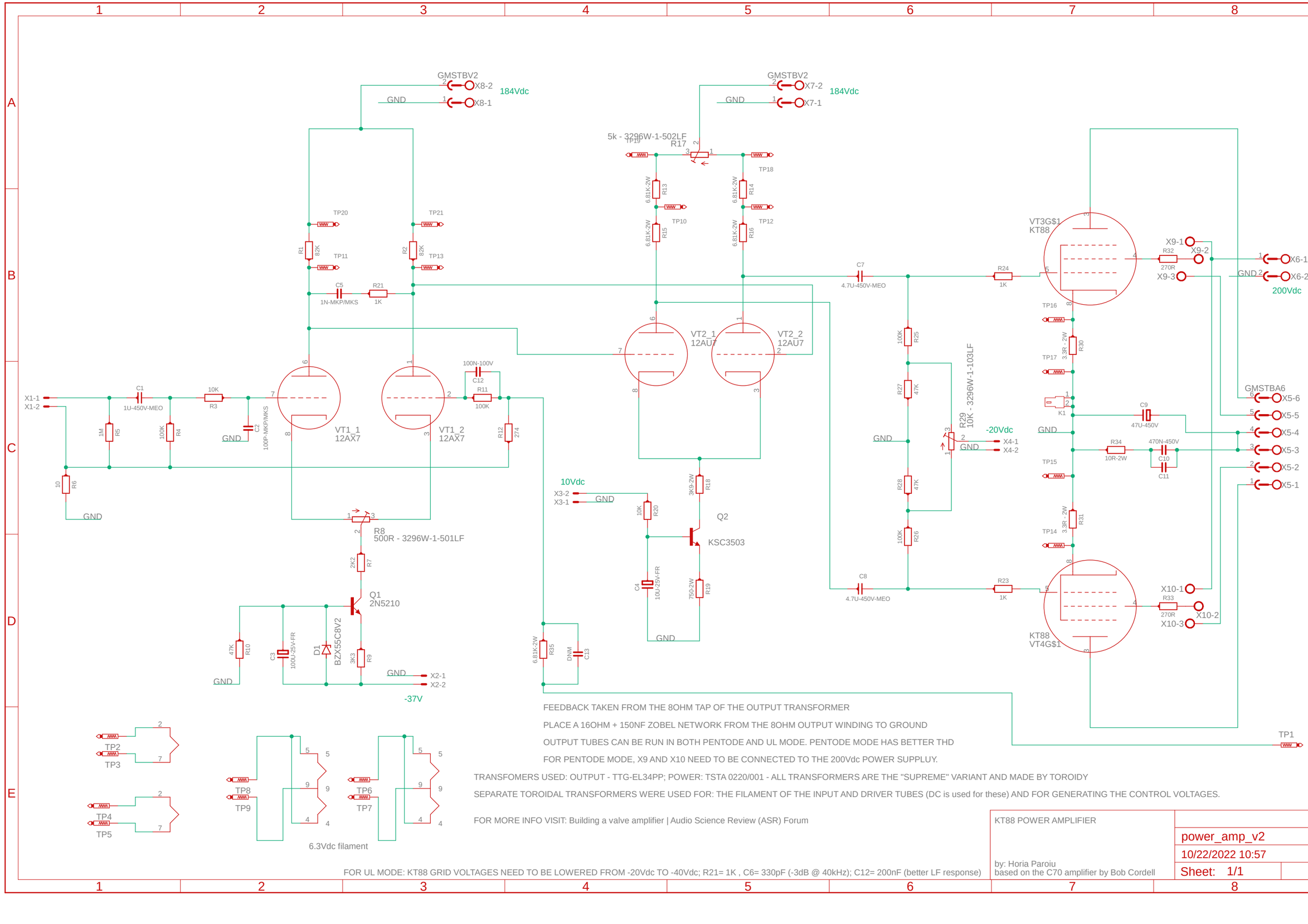

FEEDBACK TAKEN FROM THE 8OHM TAP OF THE OUTPUT TRANSFORMER

PLACE A 16OHM + 150NF ZOBEL NETWORK FROM THE 8OHM OUTPUT WINDING TO GROUND

OUTPUT TUBES CAN BE RUN IN BOTH PENTODE AND UL MODE. PENTODE MODE HAS BETTER THD

FOR PENTODE MODE, X9 AND X10 NEED TO BE CONNECTED TO THE 200Vdc POWER SUPPLUY.

TRANSFOMERS USED: OUTPUT - TTG-EL34PP; POWER: TSTA 0220/001 - ALL TRANSFORMERS ARE THE "SUPREME" VARIANT AND MADE BY TOROIDY

SEPARATE TOROIDAL TRANSFORMERS WERE USED FOR: THE FILAMENT OF THE INPUT AND DRIVER TUBES (DC is used for these) AND FOR GENERATING THE CONTROL VOLTAGES.

FOR MORE INFO VISIT: Building a valve amplifier | Audio Science Review (ASR) Forum

FOR UL MODE: KT88 GRID VOLTAGES NEED TO BE LOWERED FROM -20Vdc TO -40Vdc; R21= 1K , C6= 330pF (-3dB @ 40kHz); C12= 200nF (better LF response)

KT88 POWER AMPLIFIER

by: Horia Paroiu
based on the C70 amplifier by Bob Cordell

power_amp_v2

10/22/2022 10:57

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