

Library 7

Neve 3 & FOCUSRITE

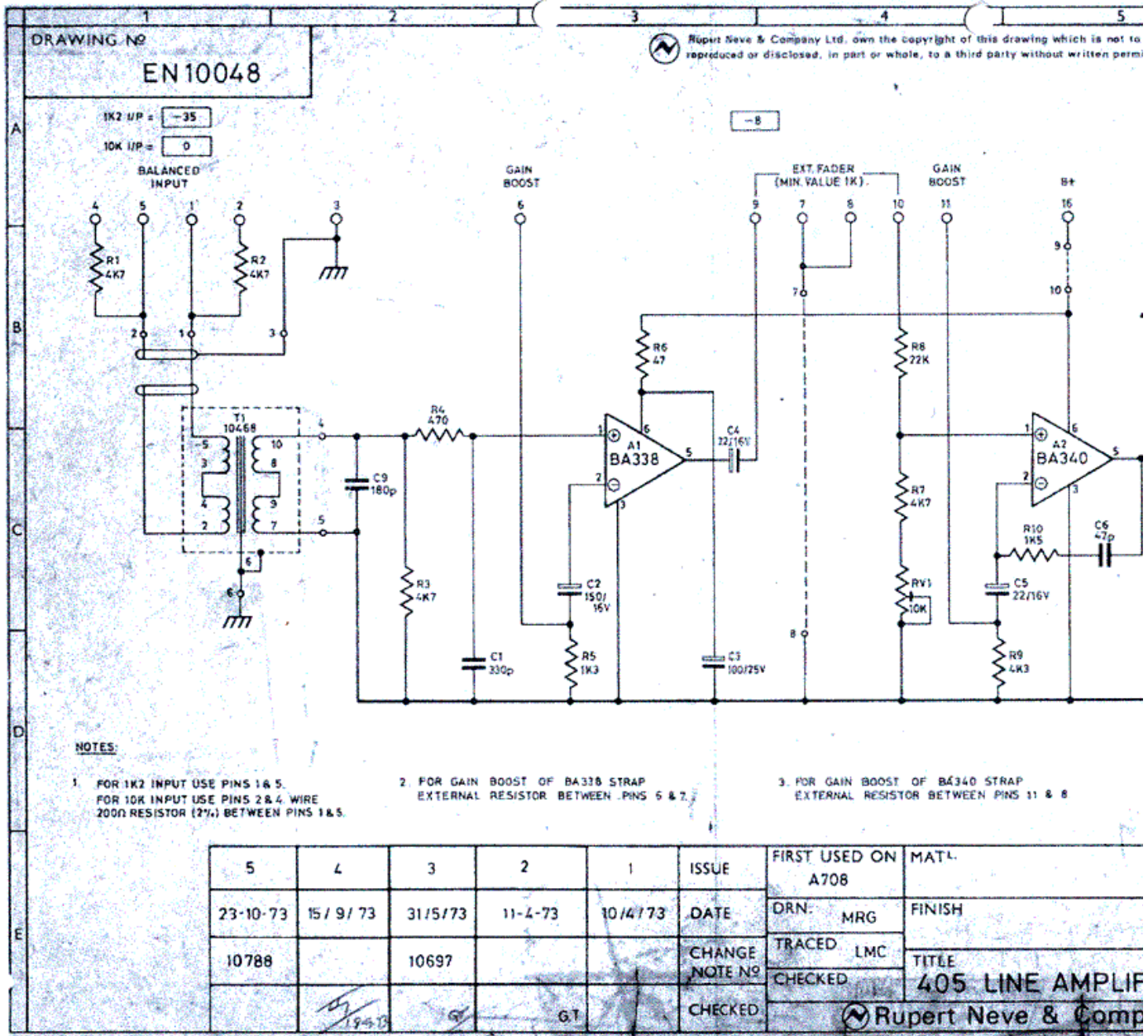


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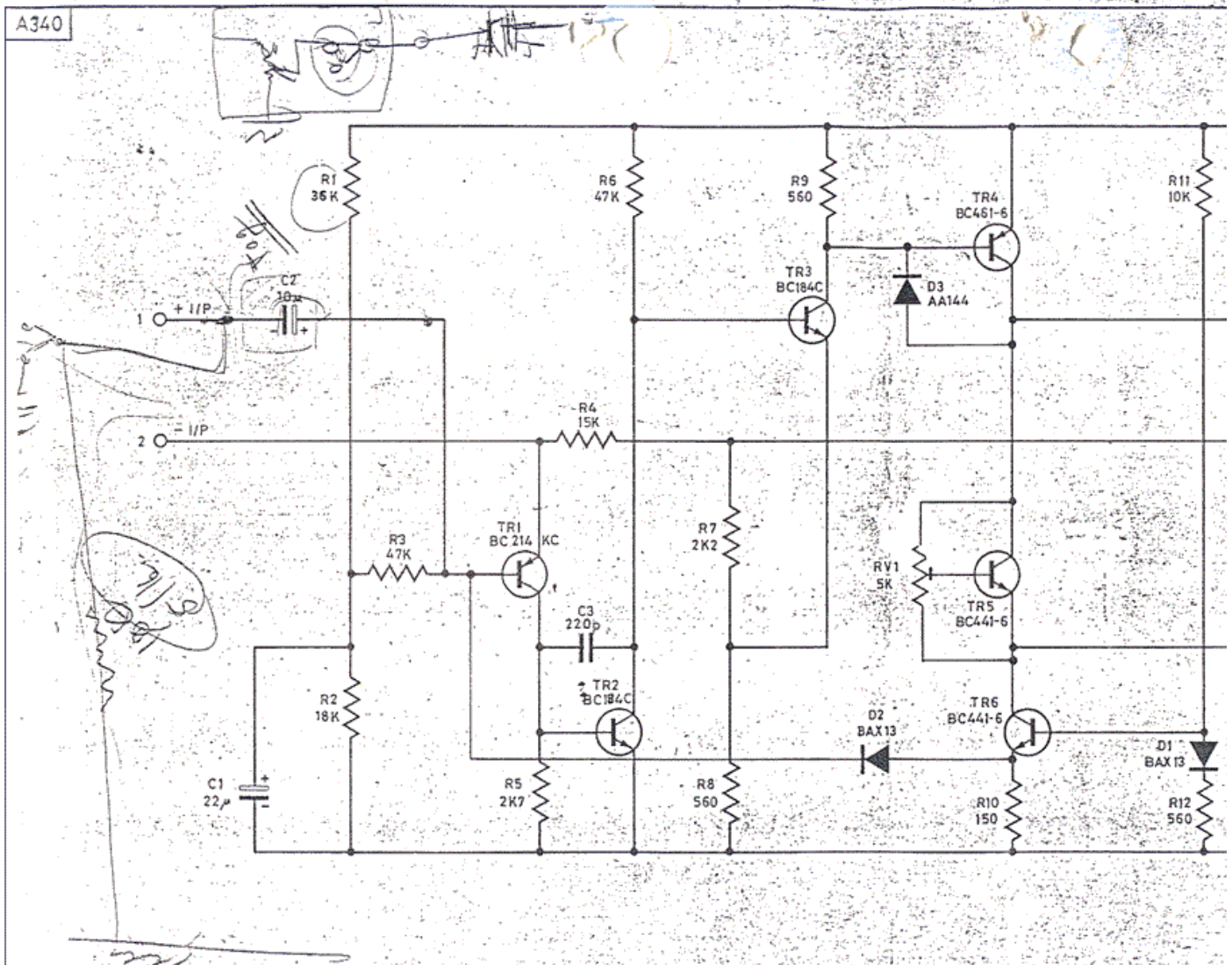
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OLD NEVE 405 LINE AMPLIFIER



OLD NEVE BA338 PLUG IN AMP

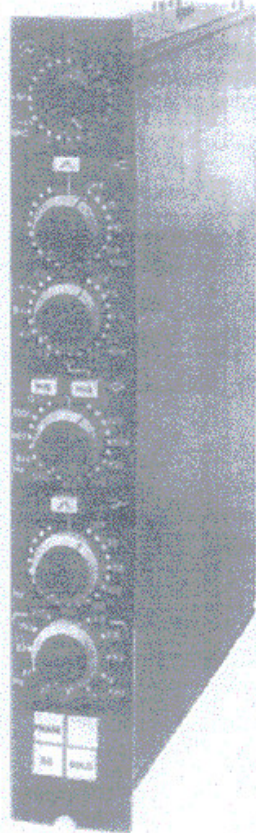


 The Neve Group of Companies TITLE BA340 - OUTPUT AMPLIFIER	This drawing is the property of this company and may not be reproduced or disclosed to a third party without the permission of this company.		3	23-11-72	10
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OLD NEVE 1081 CHANNEL AMPLIFIERS(1)



1081 and 1083 Channel Amplifiers



The 1081/1083 features the most comprehensive equalizer yet produced in a channel amplifier package. This versatile instrument not only provides wide range control of sensitivity and effective high and low pass filters designed to separate unwanted signals outside the passband, but also gives the operator a flexible tool with which he can create new sounds and control any part of the audio spectrum. The curves and slopes have been carefully tailored to be musically related enabling him to exercise maximum technical and artistic skill. Typical response graphs are shown overleaf. The unit is totally enclosed and fully screened with covers on both sides providing easy access. High grade conservatively rated components are used throughout with all active circuitry on plug-in printed circuit cards giving high reliability and minimum down time.

Microphone Input: 2k 500 or 1000 ohms switched, gain 60 to 20 dB in 5 dB steps.

Line Input: 2k 10k ohms bridging, gain 20 to -10 dB in 5 dB steps. Both inputs are balanced and earth-free.

Output: Max +20 dBm into 600 ohms, 2 cut 75 ohms balanced and earth-free. An unbalanced output 6 dB below the level of the balanced output is also provided.

Distortion: Not more than 0.01% for +20 dBm output from 50 Hz to 15 kHz.

Frequency Response: ± 0.5 dB from 20 Hz to 20 kHz
-3 dB at 7 Hz and 35 kHz.

Noise: Output noise better than -62 dBm from 2k 1000 ohms and -60 dB input, giving an equivalent noise of -125 dBm referred to 600 ohms input impedance fed from 100 ohms. Output noise better than -60 dBm at all line input levels.

H.F. Controls: 5 switched frequencies, shelving or peaking curve, continuously variable 18 dB cut or boost.

H.F. Presence: 10 switched frequencies with continuously variable 18 dB cut or boost, high or low Q selection.

L.F. Presence: 10 switched frequencies with continuously variable 18 dB cut or boost, high or low Q selection.

L.F. Controls: 5 switched frequencies, shelving or peaking curve, continuously variable 18 dB cut or boost.

H.P. Filter: 5 switched frequencies with slope of 18 dB per octave.

L.P. Filter: 5 switched frequencies with slope of 18 dB per octave.

PH Button: Gives 180° phase change at the balanced output.

EQ Button: Selects equalization in or out of circuit.

SOLO Button: Selects channel to pre-fade listen bus.

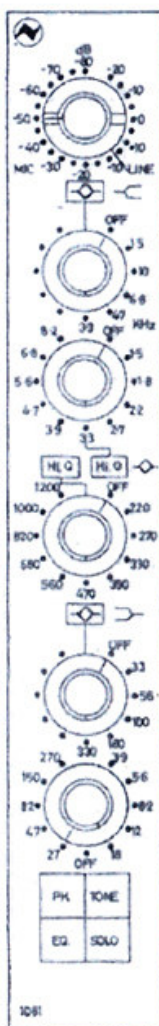
Spare Button: Switches external device as required.

Power Requirements: 210 mA at 24V. D.C. -ve earth.

Mechanical: Front panel 45 x 305 mm (1.8 x 12 in.)

The 1083 channel amplifier is identical to the 1081 except that the cut and boost controls are stepped, with 21 positions at 15° spacing.

OLD NEVE 1081 CHANNEL AMPLIFIERS(2)



INDIVIDUAL SPECIFICATIONS

CHANNEL AMPLIFIERS 1061 and 1083

SENSITIVITY SWITCH

Microphone input: Gain adjustable in 5 dB steps between -60 dB and +10 dB in "H" position (1200 ohm) for 0 dBm output. The gain is increased 6 dB in the "L" position (300 ohm).

Line input: Gain adjustable in 5 dB steps between -20 dB and +15 dB for 0 dBm output.

H. F. CONTROLS

Variable to maximum of ± 18 dB. Switched boost and cut frequencies 3.3, 4.7, 6.8, 10 and 15 kHz.

Selection of "shelf" or peaking curve shape by push-button.
Boost or cut 18 dB on peaking.

H. F. PRESENCE

Variable to a maximum of ± 12 dB or ± 18 dB, selectable on "HI-Q" push-button switch. Switched boost and cut frequencies peaking at 8.7, 6.8, 5.6, 4.7, 3.9, 3.3, 2.7, 2.2, 1.8 and 1.5 kHz.

L. F. PRESENCE

Variable to a maximum of ± 12 dB or ± 18 dB, selectable on "HI-Q" push-button switch.

Switched boost and cut frequencies peaking at 1200, 1000, 820, 680, 560, 470, 390, 330, 270 and 220 Hz.

L. F. CONTROLS

Variable to maximum of ± 18 dB. Switched boost and cut frequencies peaking at 330, 180, 100, 56 and 33 Hz. Selection of "shelf" or peaking curve shape by push-button.

Boost or cut identical in both conditions.

HIGH-PASS FILTER

5 switched frequencies with -3 dB points at 27, 47, 82, 150 and 270 Hz. Slope 18 dB per octave.

LOW-PASS FILTER

5 switched frequencies with -3dB points at 18, 12, 8.2, 5.6, and 3.9 kHz. Slope 18 dB per octave.

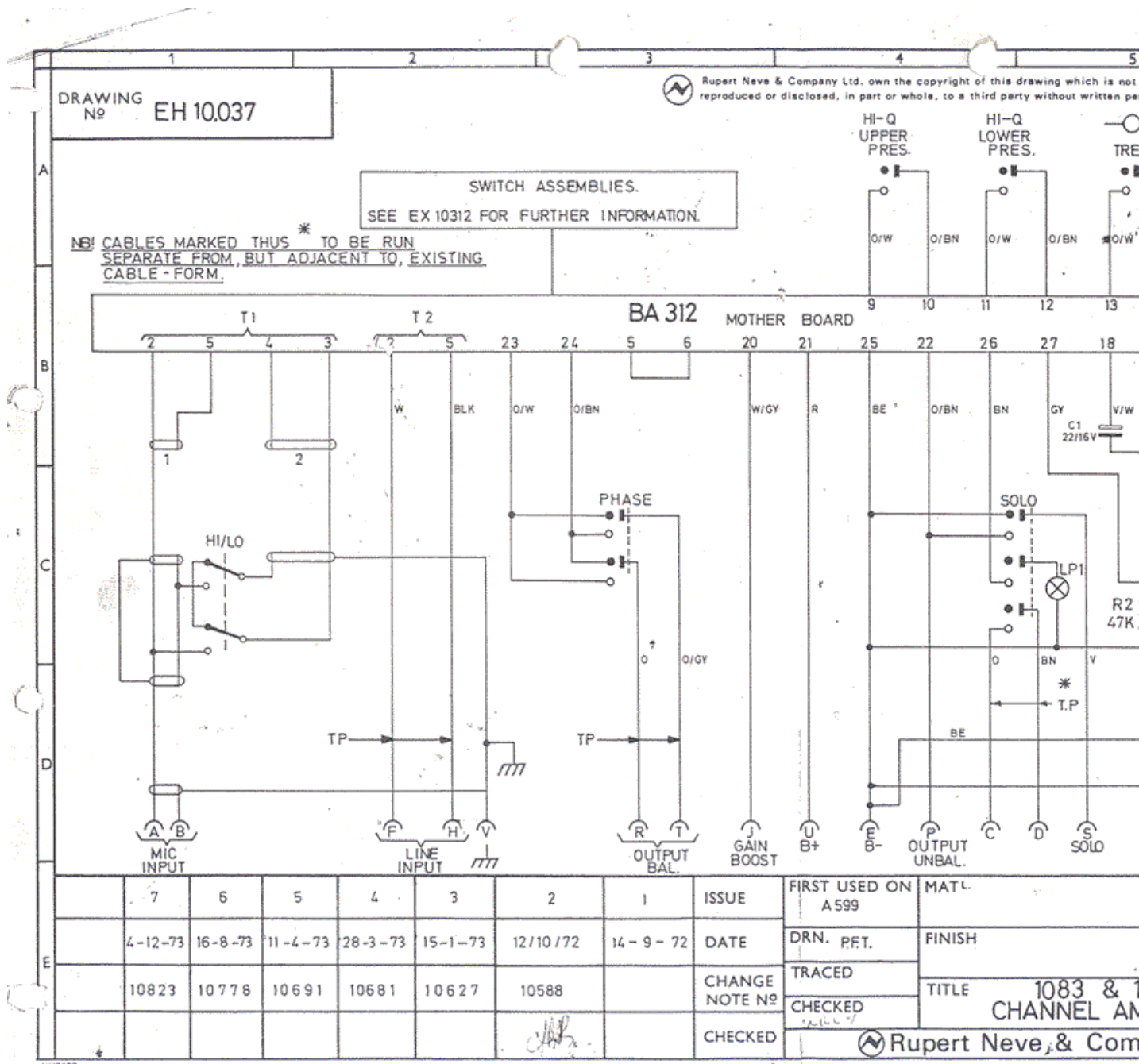
PUSH-BUTTON SWITCHES

Phase reversal.
Equalisation IN/OUT.
Solo - Pre-fade listen.
Tone. Controls external Tone Insertion relay.

MECHANICAL

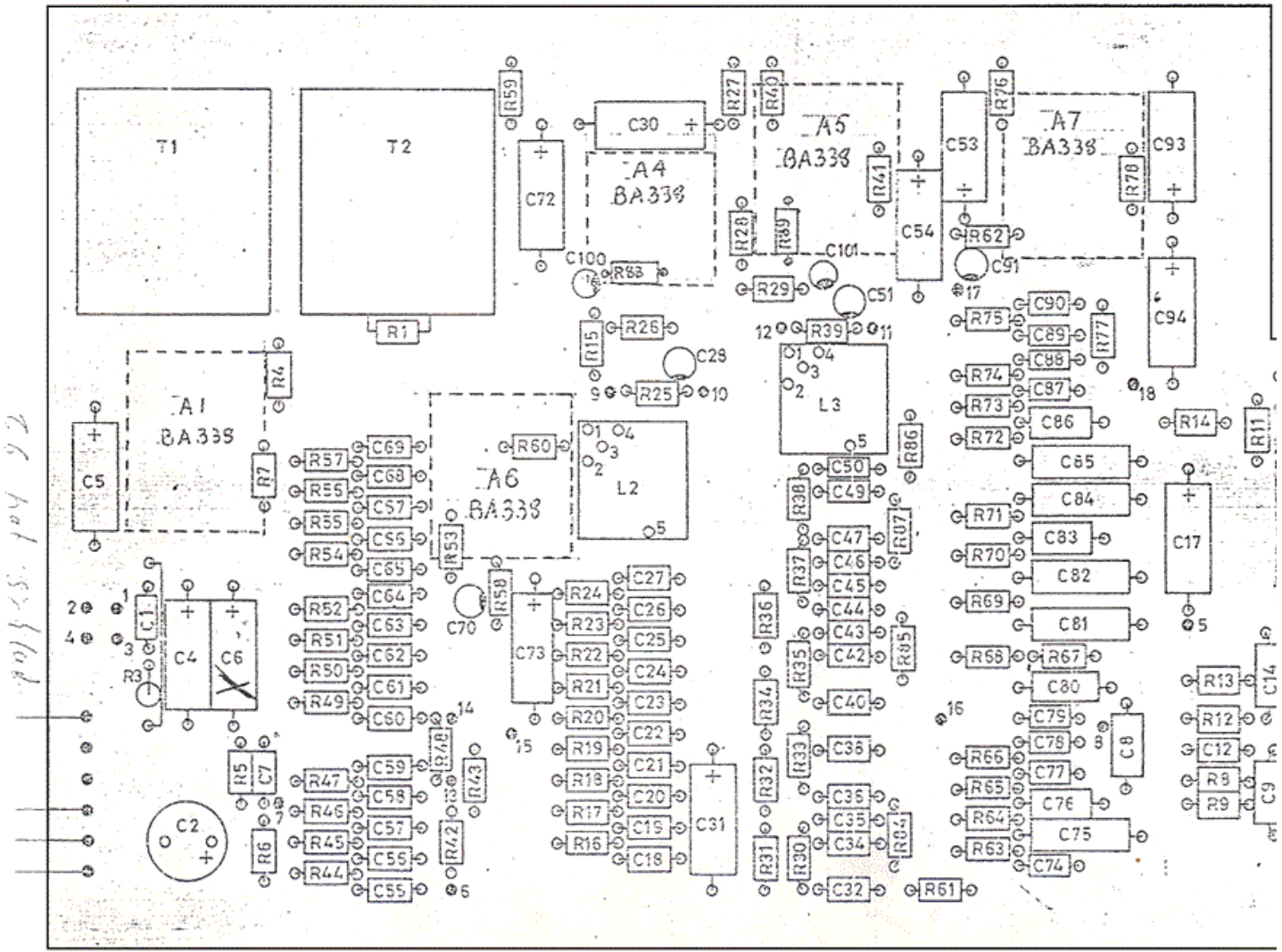
Front panel dimensions 49mm x 305mm (1.75" x 12").

OLD NEVE 1081 CHANNEL AMPLIFIER

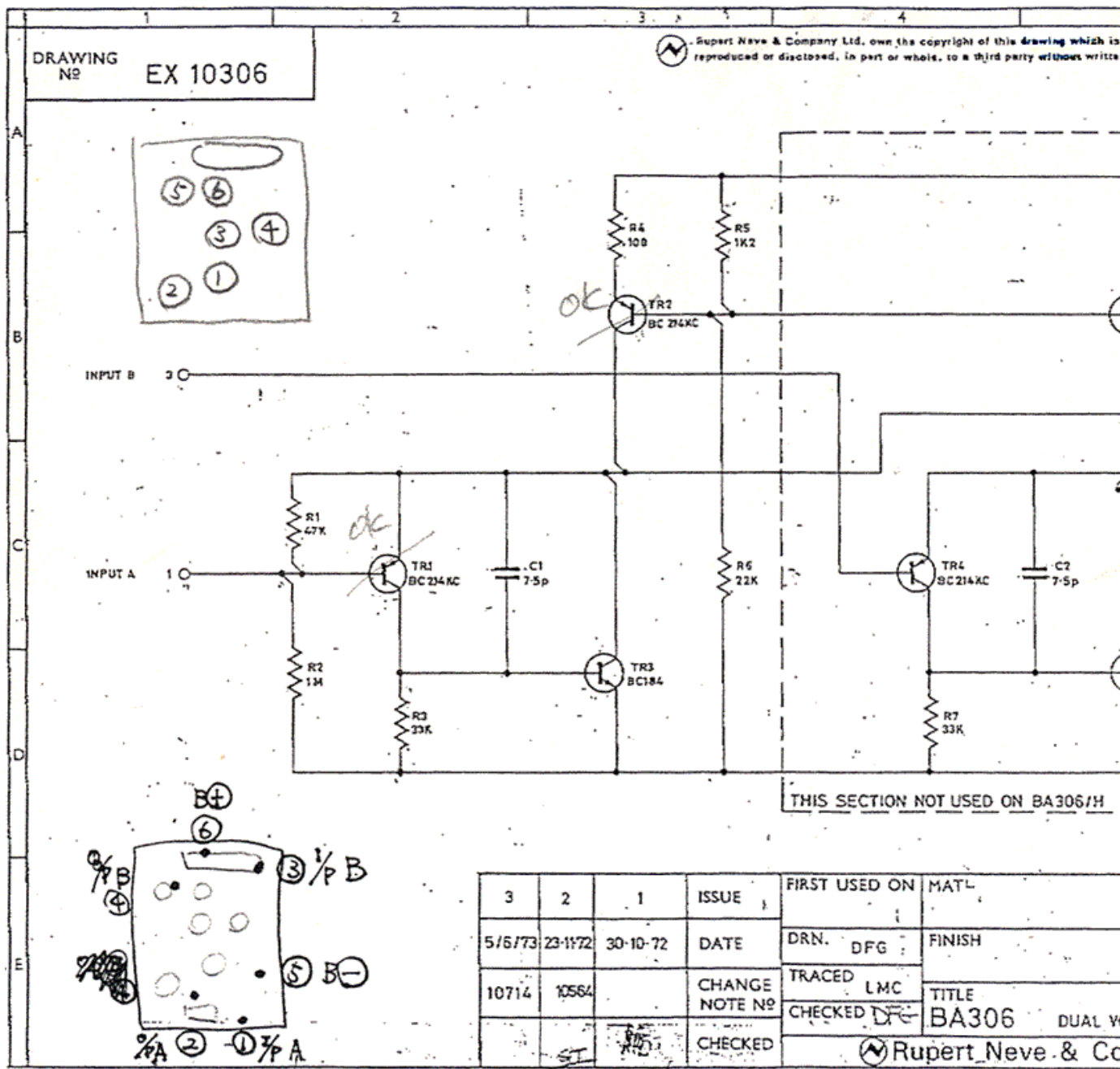


OLD NEVE BA312 MOTHER BOARD

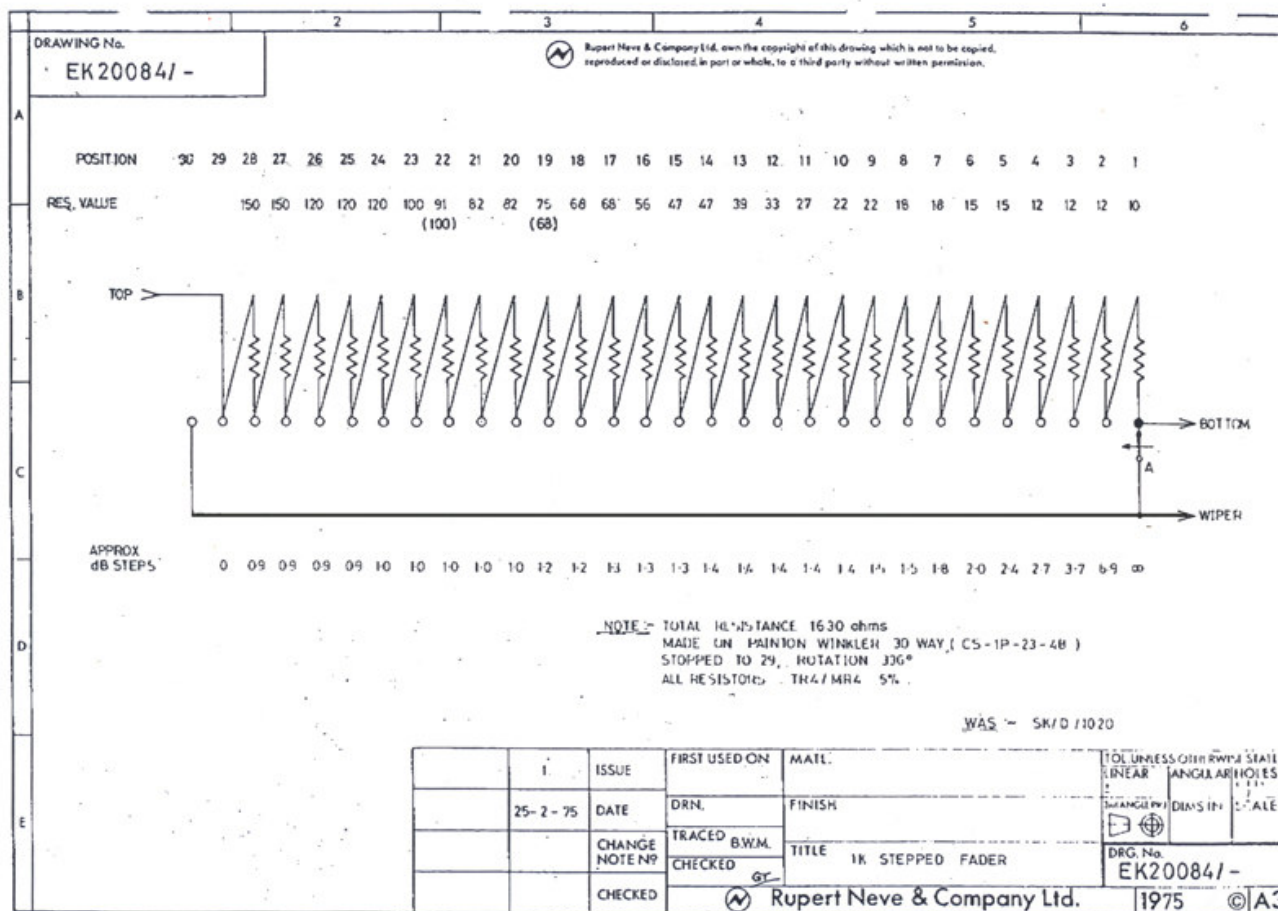
B512 COMPONENT LAYOUT



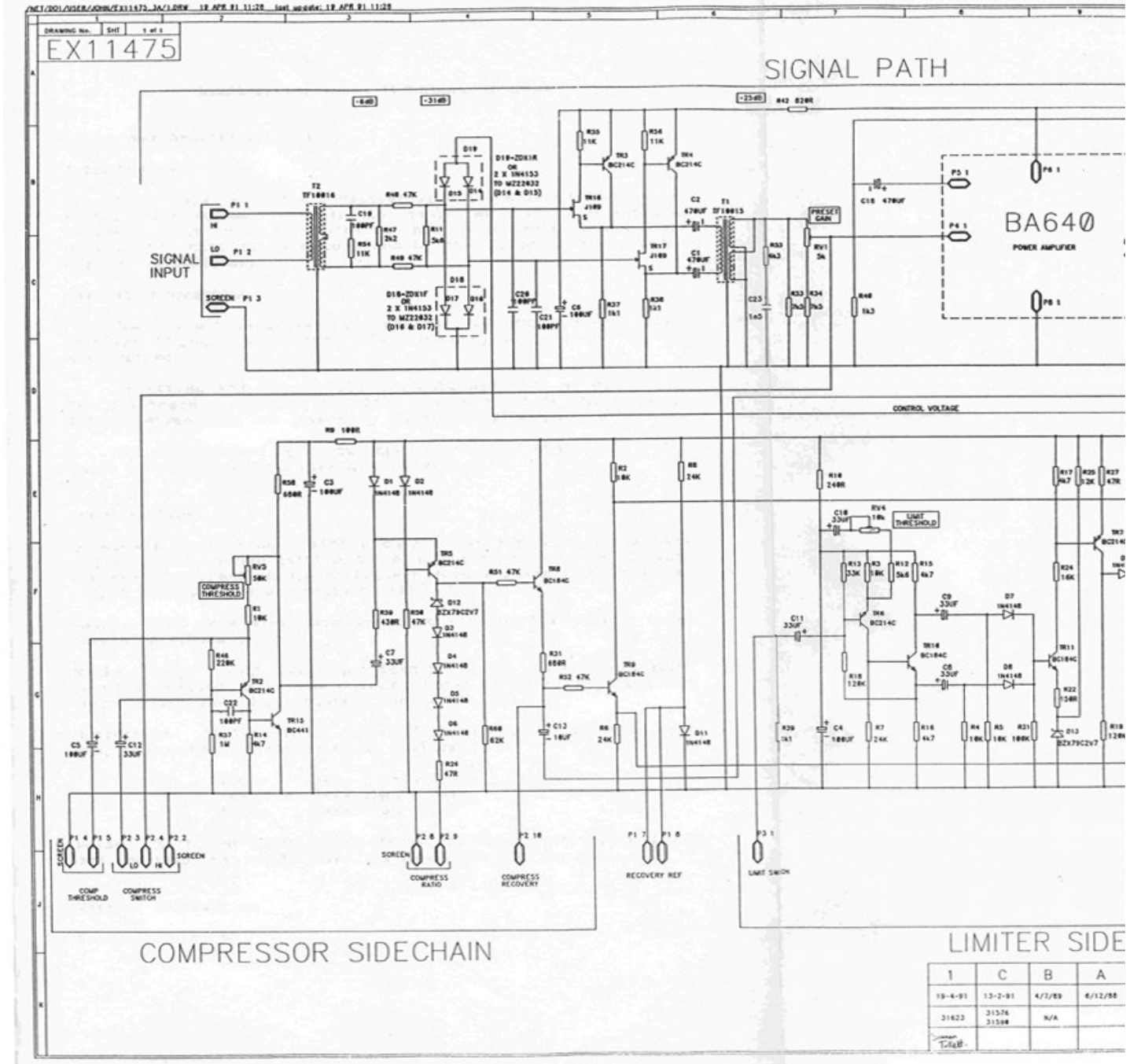
OLD NEVE BA306 DUAL VOLTAGE FOLLOWER



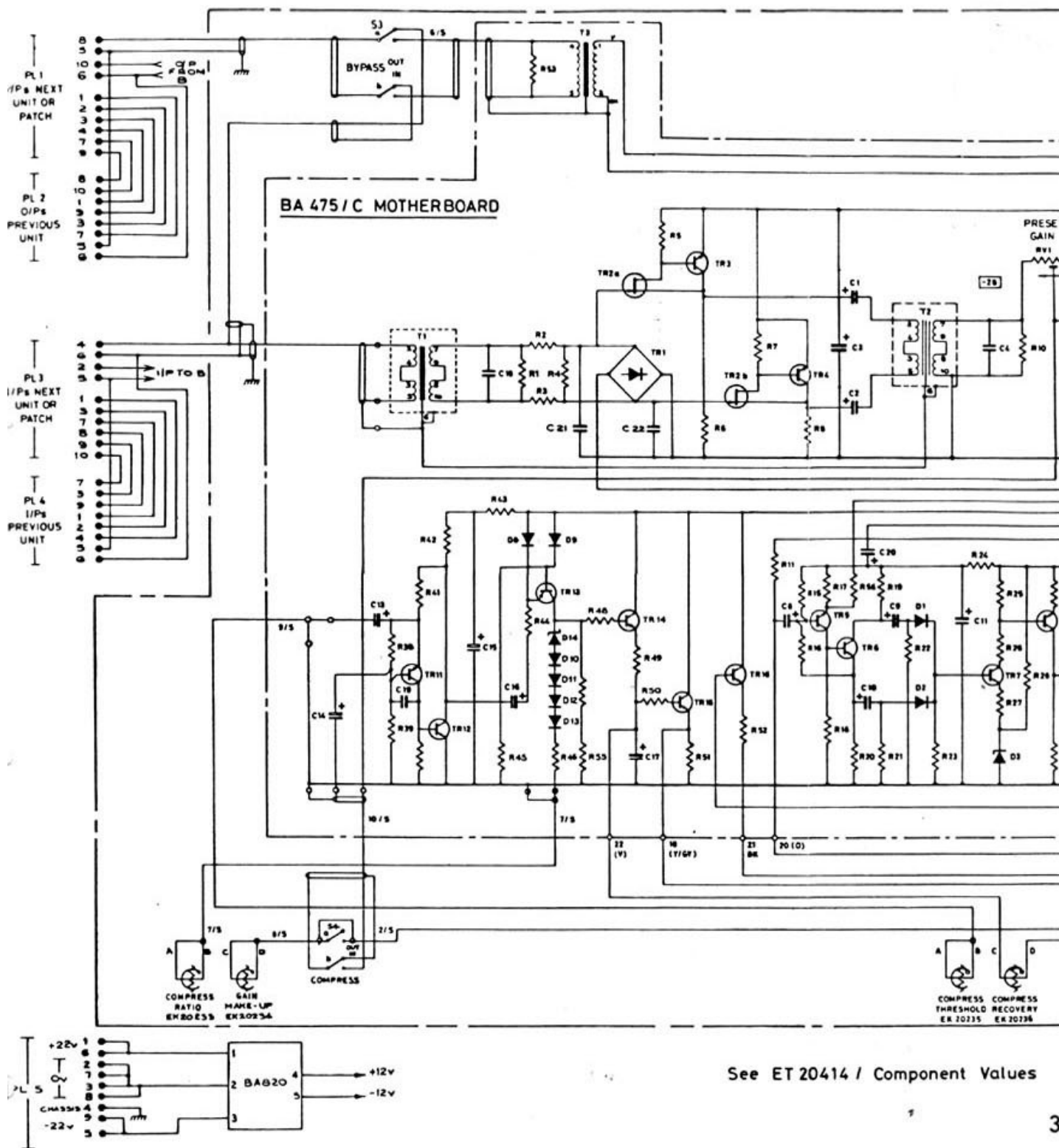
OLD NEVE STEPPED FADER



NEVE 33609 LIMITER/COMPRESSOR

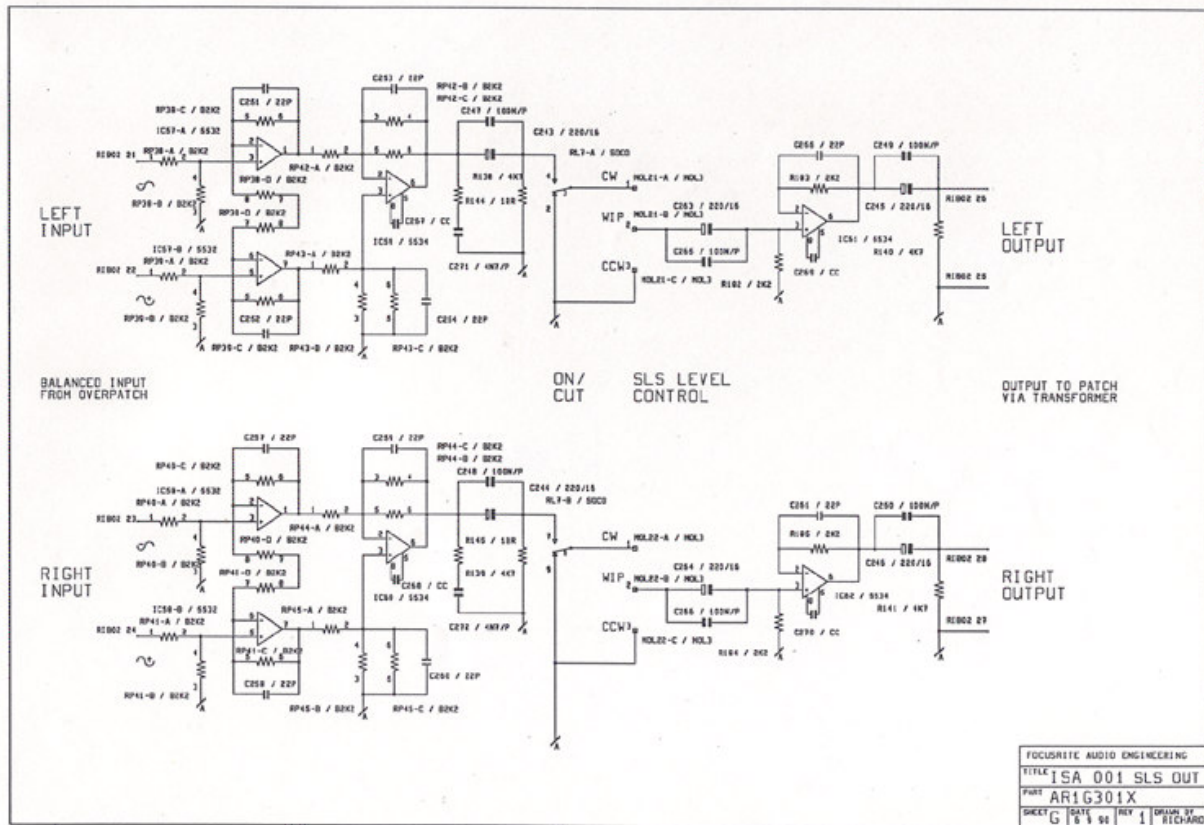


NEVE 34628 LIMITER/COMPRES



FOCUSRITE ISA

001 SLS OUT



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