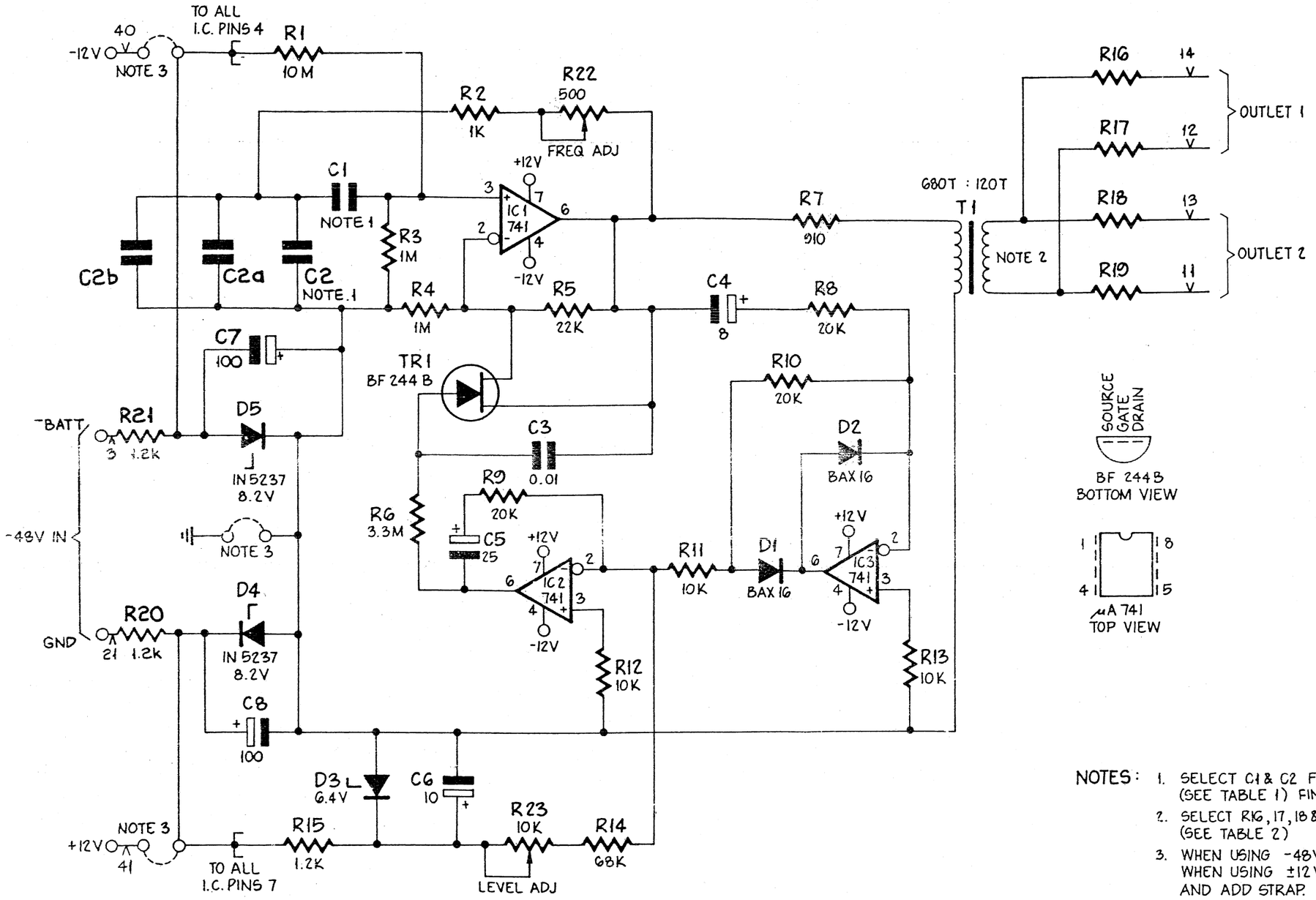

TABLE 1

FREQUENCY	C1 & C2
300 Hz	0·015μF + 670pF
800 Hz	4700 + 1200pF
1000 Hz	0·0047μF
3000 Hz	1500 + 67 pF

$C1 = C2 = \frac{4{\cdot}7}{F_{Hz}}\ \mu F$

TABLE 2

O/P IMPEDANCE	R16, 17, 18, 19
600Ω	270Ω
900Ω	430Ω
1200Ω	560Ω

NOTES:
1. SELECT C1 & C2 FOR THE REQUIRED FREQUENCY OF OSCILLATION. (SEE TABLE 1) FINE TUNE WITH C2a & C2b.
2. SELECT R16, 17, 18 & 19 FOR THE REQUIRED OUTPUT IMPEDANCE. (SEE TABLE 2)
3. WHEN USING -48V EXCHANGE BATTERY, OMMIT STRAP. WHEN USING ±12V SUPPLY, OMMIT R20, 21, C7, 8, D4, D5 AND ADD STRAP.

GENERAL PURPOSE OSCILLATOR

CIRCUIT DIAGRAM

DEL	CKD	APD	ORDER	DATE	ISS	CHANGE
GD	MJT	TJW	167796	21·4·76	A	
PN	RJW	RJW	32161	6.4.82	B	C2a & C2b ADDED. OUTLETS 1 & 2 ALTERED.
				28.11.85	C	800 Hz AND C1 ADDED TO TABLE 1
				22-12-86	D	TABLE 1 VALUES AMENDED, FORMULA ADDED.

N Z P O
ENGINEER - IN - CHIEF, WELLINGTON.

COY Nº 1 | ORIGIN: TRANS. | DRAWN: TRANS. | TRACED: SR

A3 | 40397