

SHEET INDEX

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	1/2	-46V	SUPPLY WHEN USED ALONE
A OR B	1-1/3	-46V	SUPPLY WHEN IN COMBINATION WITH 60- SUPPLY IN 756A PBX

BATTERY SYMBOL	VOLTAGE RANGE
-46	45-52V

105. DISCONNECT BATTERY SUPPLY BEFORE REMOVING OR INSERTING NETWORKS (PRINTED WIRE BOARDS) OR AMPLIFIERS.
106. IF THE GENERATOR CANNOT BE ADJUSTED TO 90 VOLTS FOR "Y" OPTION WITH ZERO OHMS IN RESISTOR R2, THE LEAD CONNECTED TO TERMINAL 3 OF TRANSFORMER T2 CAN BE MOVED TO TERMINAL 2.

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIP DESIGN REQ	J86564 AA367.117 J86464H
EQUIP DWG	
MAINTENANCE SPEC	167-480-301

DWG ISSUE	CD ISSUE	DATE ISSUED	DRY	APPD	CHKD
1	1	10-3-56	AMP	JWB	RKC
2D	2D	1-31-57	JWB	JWB	TED
3A	3A	10-10-57	JWB	JWB	JWB
4D	4D	1-3-58	JWB	JWB	JWB
5A	5A	5-26-58	JWB	JWB	JWB
6B	6B	5-23-60	JWB	JWB	JWB
7D	7D	3-2-59	JWB	JWB	JWB
8D	7D APP ID	12-16-75	JWB	JWB	JWB

102.

FEATURE OR OPTION	PROVIDE	
	FIG.	QUANTITY
765A PBX RINGING SUPPLY	1 Y,X	ONE PER CKT
800A PBX RINGING SUPPLY	1 Y,W	ONE PER CKT

- EQUIPMENT NOTES:
201. LEADS NOT OTHERWISE SPECIFIED SHALL BE 22GA KS-13385, SOLID.
202. DESIGNATIONS IN ( ) ARE FOR INFORMATION ONLY.
203. THE 821A AND 822A P.W.B. NETWORKS CONNECT VIA 915F AND 915G CONNECTORS.

103.

NETWORK NO.	NETWORK VALUES	
	RESISTANCE IN OHMS	CAPACITANCE IN UF

- INFORMATION NOTES:
301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS.

OPTION INDEX

APP OR WBG	LOCATION
Z	2A5, 2C5, 2C6, 2D6, 2D7
Y	2A5, 2C5, 2C6, 2D6, 2D7
X	2C8
W	2D8

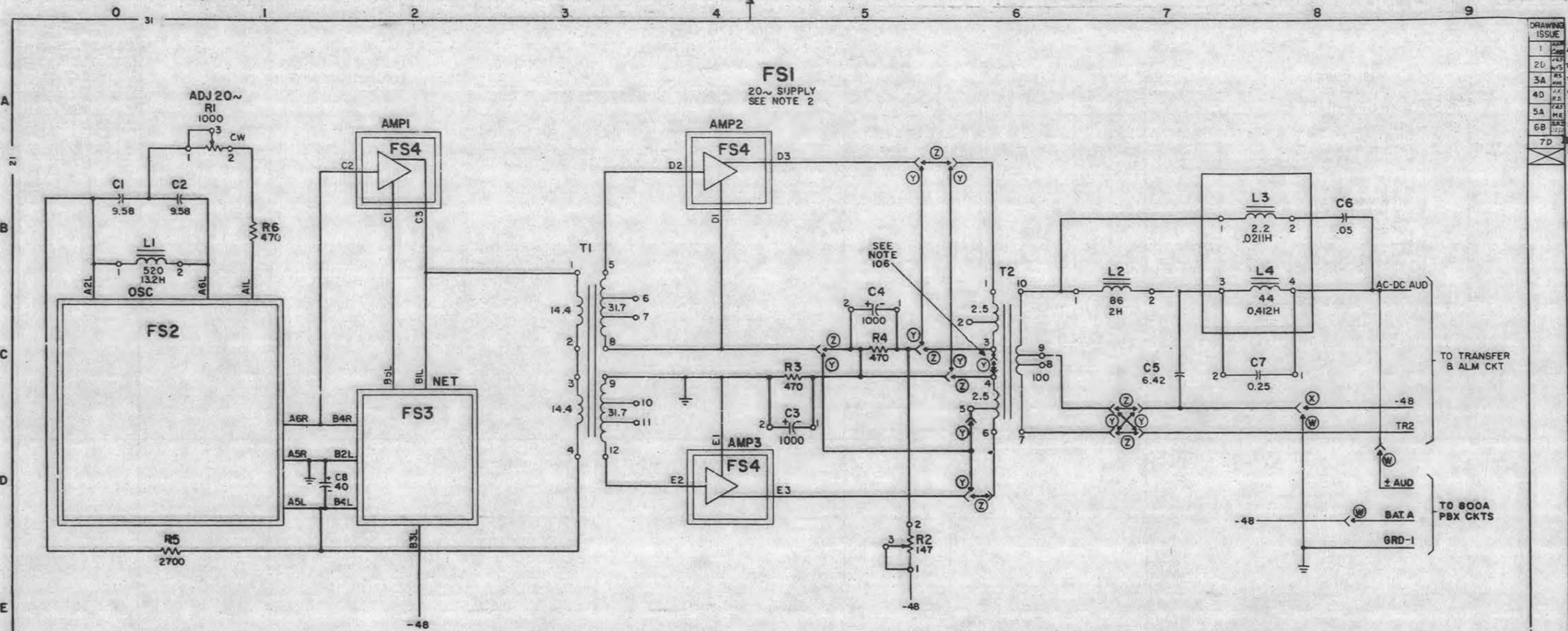
104.

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	ASH	MD
68	Z OR Y	Z		Y		Z
7D	X OR W	X		X,W		
8D		X			X	

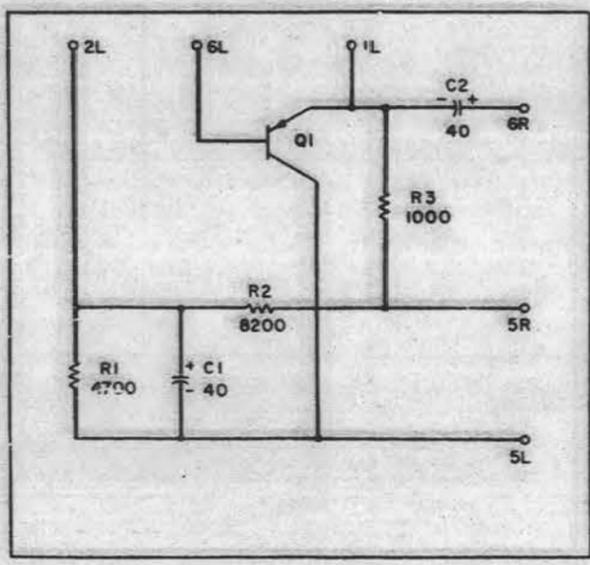
NOTICE  
NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

SD-81329-01	1M99	8D
POWER SYSTEMS RINGING CIRCUIT TRANSISTOR 20- SUPPLY 756A PBX & 800A PBX J-86464H		AT & TC STANDARD
BELL TELEPHONE LABORATORIES INCORPORATED		SD-81329-01-1 3 SHEETS

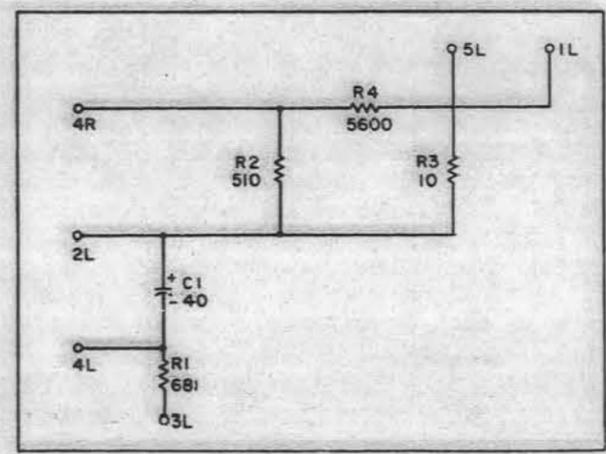
DRAWING ISSUE	
1	REV
2U	REV
3A	REV
4D	REV
5A	REV
6B	REV
7D	REV



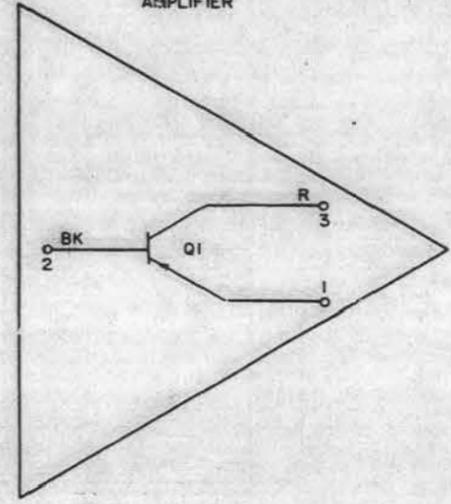
**FS2**  
20V OSCILLATOR



**FS3**  
NETWORK



**FS4**  
AMPLIFIER



SHEET NOTES:  
 1. PREFIX LETTER DESIGNATIONS (A, B, C, ETC) ON LEADS TO NETWORKS (PRINTED WIRE BOARDS) OR AMPLIFIERS REFER TO DESIGNATIONS OF CONNECTORS.  
 2. TERMINALS 1 AND 4 ON CONNECTORS C, D AND E SHALL BE STRAPPED TOGETHER.

RINGING CIRCUIT		SD
BELL TELEPHONE LABORATORIES INCORPORATED		SD-81329-01-2
65	PRINTED USA	

SD-81329-01-2

APP FIG. 1

AMPLIFIERS

DESIG	LOC	CODE
AMP 1	2B2	ED-81839-10
AMP 2	2A4	ED-81839-10
AMP 3	2D4	ED-81839-10

CAPACITORS

DESIG	LOC	CODE
C1.1	2B0	437QA 4.28
C1.2	2B0	437QA 4.28
C1.3	2B0	441QE 1.02
C2.1	2B1	437QA 4.28
C2.2	2B1	437QA 4.28
C2.3	2B1	441QE 1.02
C3	2D5	KS-14330 1000
C4	2C5	KS-14330 1000
C5.1	2C7	437QA 4.28
C5.2	2C7	439QA 2.14
C6	2B8	441H 0.05
C7	2C8	441QR 0.75
C8	2D1	602A 40

OSCILLATOR

DESIG	LOC	CODE
20~	2D0	821A NETWORK

INDUCTORS

DESIG	LOC	CODE
L1	2B0	231S 13.2M
L2	2B6	231T 2.0M
L3	2B7	1/2 293AC (1-2) 0.0211H
L4	2C7	1/2 293AC (3-4) 0.412H

POTENTIOMETER

DESIG	LOC	CODE
R1	2A1	KS-13750, L1 1000

NETWORK

DESIG	LOC	CODE
NET	2D2	822A

RESISTORS

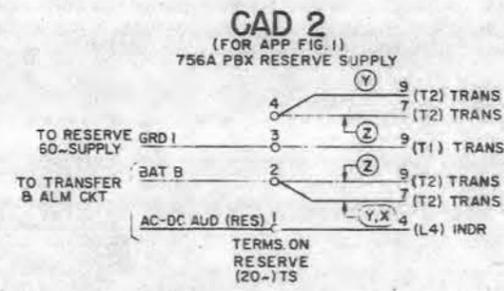
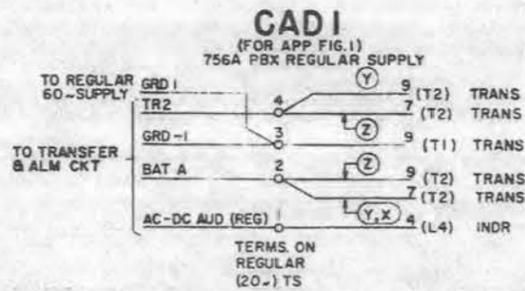
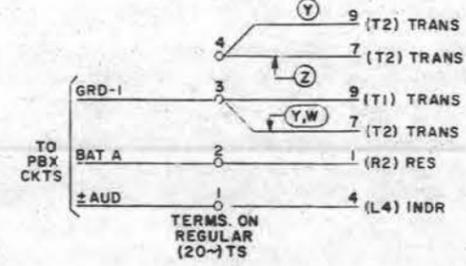
DESIG	LOC	CODE
R2	2E5	KS-14272, L1 147
R3	2C5	KS-13492, L1 470
R4	2C5	KS-13492, L1 470
R5	2D0	KS-13490, L1 2700
R6	2B1	KS-13490, L1 470

TRANSFORMERS

DESIG	LOC	CODE
T1	2C3	177D REF COIL
T2	2C6	360 AK

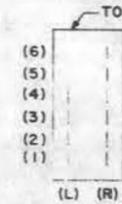
CAD 3

FOR 800A PBX



SHEET NOTES

1. THE FIG. BELOW SHOWS TERMINAL LOCATIONS ON CONNECTOR ASSEMBLIES A & B SEE NOTE 203.



SD-81329-01-3

RINGING CIRCUIT		8D
BELL TELEPHONE LABORATORIES INCORPORATED		SD-81329-01-3
		65

DRAWING ISSUE

1	ISS	20C
2D	WPS	TEB
3A	RS	
4D	W.F.	
5A	W.S.	
6B	TEB	
7D		