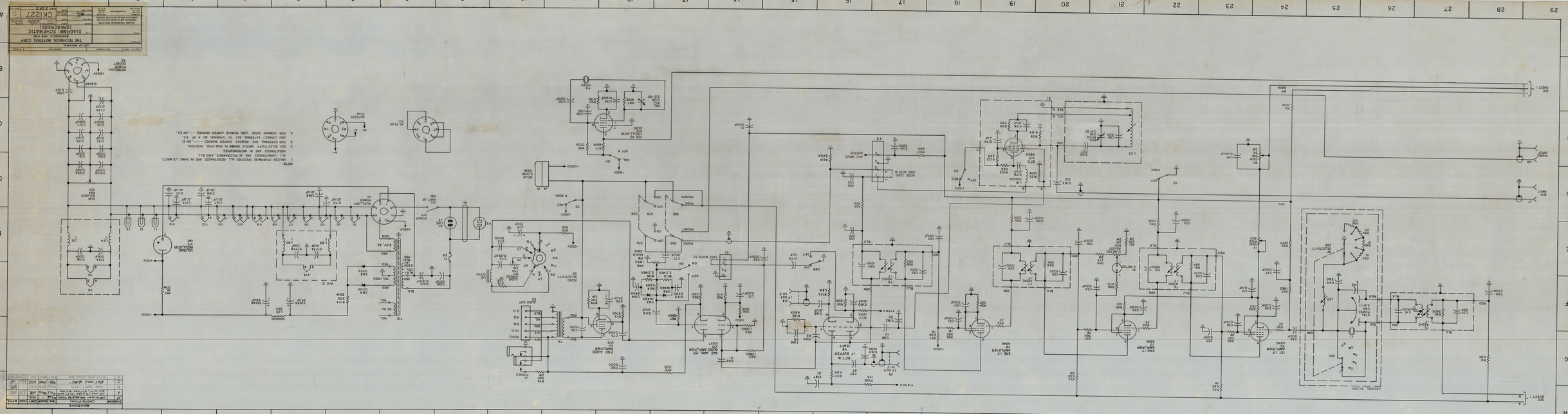
THE TECHNICAL MATERIEL CORP.
DIAGRAM SCHEMATIC
(GPR90RX05)
CK12127
NOTE:
1. UNLESS OTHERWISE SPECIFIED ALL RESISTANCES ARE IN OHMS, 1/2 WATT.
ALL CAPACITANCES ARE IN MICROFARADS AND ALL
RESISTANCES ARE IN MICROHENRIES.
2. S2I SELECTIVITY SWITCH SHOWN IN NON-CAL POSITION.
3. FOR EXTERNAL ANT. REMOVE JUMPER MARKED ----.ON E1
AND CONNECT EXTERNAL ANT. TO TERMINAL #2 OF E3.
4. FOR COMMON DIODE LOAD REMOVE JUMPER MARKED ----.ON E3.
ACCESSORY POWER SOCKET
+250V
6.3VAC
AUDIO OUT
AUDIO GAIN
MUTING
SQUELCH
SELECTIVITY
CRYSTAL FILTER
1ST I.F. AMPLIFIER
6AB6
2ND I.F. AMPLIFIER
6AB6
3RD I.F. AMPLIFIER
6AB6
I.F. BUFFER
6AB6
DET. & AUDIO AMPLIFIER
6AV6
1ST AUDIO AMPLIFIER
6AV6
AVC AND 1ST AUDIO AMPLIFIER
6AV6
CRYSTAL CALIBRATOR
6BA6
VOLTAGE REGULATOR
OA2
POWER ON
POWER OFF
MAIN BALANCE
SEE SHEET 1
SEE SHEET 3
ANT.
R.F. INPUT
PHONE INPUT
SPKR.
PHONES
RELAY
S-METER
BATTERY
A.C. PLUG
DIAGRAM SCHEMATIC
(GPR90RX05)
CK12127
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
DRAWING NO.
SCALE
DATE
CHECKED
DRAWN
LIST OF MATERIAL
DESCRIPTION
QUAN.
REMARKS
REVISIONS
DESCRIPTION
DATE
APPD.
BY
2ND MFG. CAL. -
1ST MFG. CAL. -
ENGR.
CHK'D
DRWN.
DATE
DESCRIPTION
REV.
ALL DIMENSIONS ARE IN INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS ± 1/64
DECIMALS .XX ± .02
.XXX ± .005
ANGLES ± 1°
MATERIAL
FINISH
DO NOT SCALE DRAWING
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