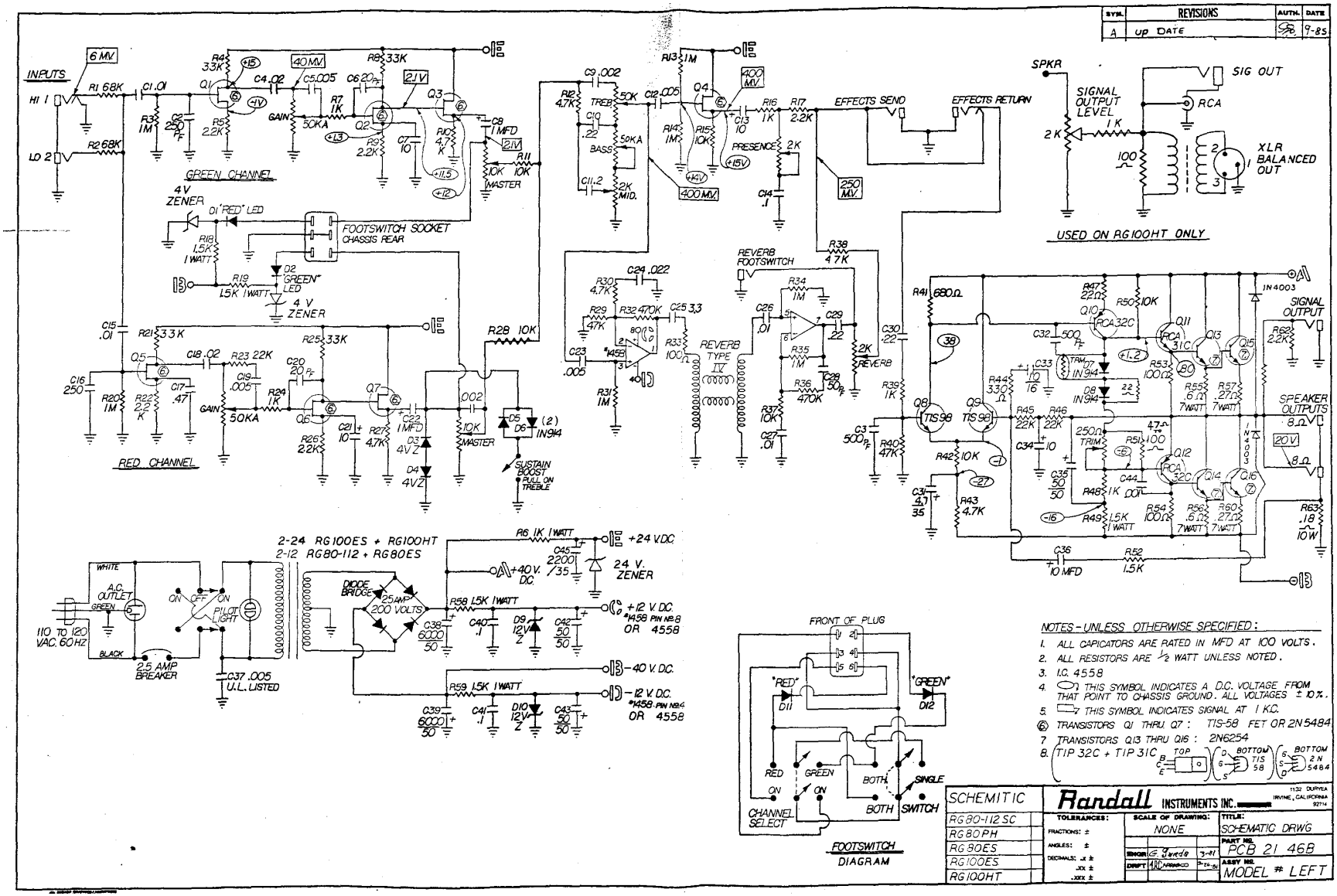

REVISIONS
A UP DATE 9-85
INPUTS
HI 1
LO 2
GREEN CHANNEL
RED CHANNEL
FOOTSWITCH SOCKET CHASSIS REAR
4V ZENER
D1 "RED" LED
D2 "GREEN" LED
SUSTAIN BOOST PULL ON TREBLE
EFFECTS SEND
EFFECTS RETURN
REVERB FOOTSWITCH
REVERB TYPE IV
SPKR
SIGNAL OUTPUT LEVEL
SIG OUT
RCA
XLR BALANCED OUT
USED ON RG100HT ONLY
SIGNAL OUTPUT
SPEAKER OUTPUTS
2-24 RG100ES + RG100HT
2-12 RG80-112 + RG80ES
A.C. OUTLET
110 TO 120 VAC. 60HZ
2.5 AMP BREAKER
PILOT LIGHT
DIODE BRIDGE
25AMP 200 VOLTS
+24 V.D.C.
24 V. ZENER
+40 V. D.C.
+12 V. D.C. #1458 PIN No 8 OR 4558
-40 V. D.C.
-12 V. D.C. #1458 PIN No 4 OR 4558
FRONT OF PLUG
"RED" D11
"GREEN" D12
RED
GREEN
BOTH
SINGLE
ON
CHANNEL SELECT
SWITCH
FOOTSWITCH DIAGRAM
NOTES - UNLESS OTHERWISE SPECIFIED:
1. ALL CAPICATORS ARE RATED IN MFD AT 100 VOLTS.
2. ALL RESISTORS ARE 1/2 WATT UNLESS NOTED.
3. I.C. 4558
4. THIS SYMBOL INDICATES A D.C. VOLTAGE FROM THAT POINT TO CHASSIS GROUND. ALL VOLTAGES ± 10%.
5. THIS SYMBOL INDICATES SIGNAL AT 1 K.C.
6. TRANSISTORS Q1 THRU Q7: TIS-58 FET OR 2N5484
7. TRANSISTORS Q13 THRU Q16: 2N6254
8. TIP 32C + TIP 31C
SCHEMITIC
RG80-112SC
RG80PH
RG80ES
RG100ES
RG100HT
Randall INSTRUMENTS INC.
1132 DURYEA IRVINE, CALIFORNIA 92714
TOLERANCES:
FRACTIONS: ±
ANGLES: ±
DECIMALS: .X ± .XX ± .XXX ±
SCALE OF DRAWING: NONE
TITLE: SCHEMATIC DRWG
PART NO. PCB 21 46B
ASSY NO. MODEL # LEFT