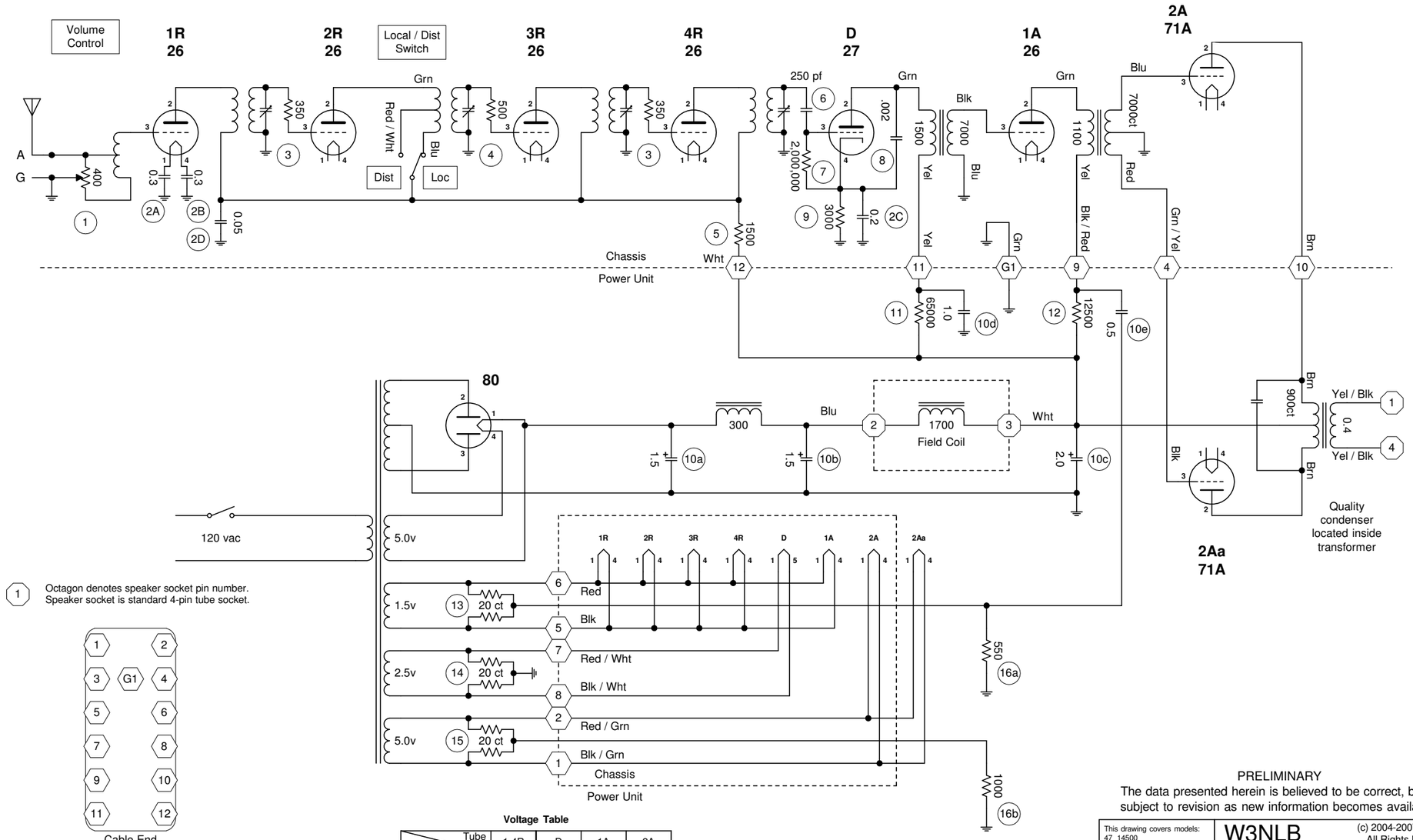
REF	PART NO.	VALUE	DESCRIPTION
1	13604	400	Volume control
2A	15158	0.3 / 200v	RF filament bypass
2B	15158	0.3 / 200v	RF filament bypass
2C	15158	0.2 / 400v	Detector cathode bypass
2D	15158	0.05 / 400v	RF B+ bypass
3	8439	350	2R & 4R grid resistor
4	8225	500	3R grid resistor
5	16253	1500	RF plate circuit resistor
6	14861	250 pfd / 500v	Det. grid condenser
7	15892	2 Meg	Det. grid leak
8	9598	0.002 / 500v	Phone condenser
9	13369	3000	Detector cathode resistor
The following components are located in the Power Unit			
10a	14743	1.5 / 450v[1]	Filter condenser #1
10b	14743	1.5 / 450v[1]	Filter condenser #2
10c	14743	2.0 / 450v[1]	Filter condenser #3
10d	14743	1.0 / 350v[1]	Detector filter condenser
10e	14743	0.5 / 350v[1]	1st AF bypass condenser
11	15592	65,000	Detector plate resistor
12	15941	12,500	1st AF plate resistor
13	9434	20 ct	RF-1st AF filament shunt resistor
14	9434	20 ct	Detector filament shunt resistor
15	9434	20 ct	2nd AF filament shunt resistor
16	15063	550 & 1000	RF-1st AF bias & 2nd AF bias

Notes
1 - Removable condenser block.



1 Octagon denotes speaker socket pin number.
Speaker socket is standard 4-pin tube socket.

Cable End
PU Connector
Top View

Voltage Table

Element \ Tube	1-4R	D	1A	2A
Plate	60-65	24	81	81
Grid	-2		-4.8	-9.7

All voltages measured from tube -F with volume at maximum. Taken with 1000 ohm-per-volt meter at 120 volt line. Reduce by 9% for 110 volt line.

NOTE
This schematic is 11 x 21 inches. The 300 dpi GIF should print legibly on 8½ x 11 or 8½ x 14 paper.

PRELIMINARY
The data presented herein is believed to be correct, but is subject to revision as new information becomes available.

REV	DATE	DESCRIPTION
D	03 Apr 2007	Corrected RF grid resistor descriptions in p/l
REVISIONS		

This drawing covers models: 47 14500

W3NLB

Atwater Kent Model 47 14500
Schematic Diagram

Drawn by: Leigh Bassett W3NLB
Date: 03 Apr 2007
Size B | FSCM NO | DWG NO AK14500SCH | REV D
SCALE | SHEET 1 OF 1