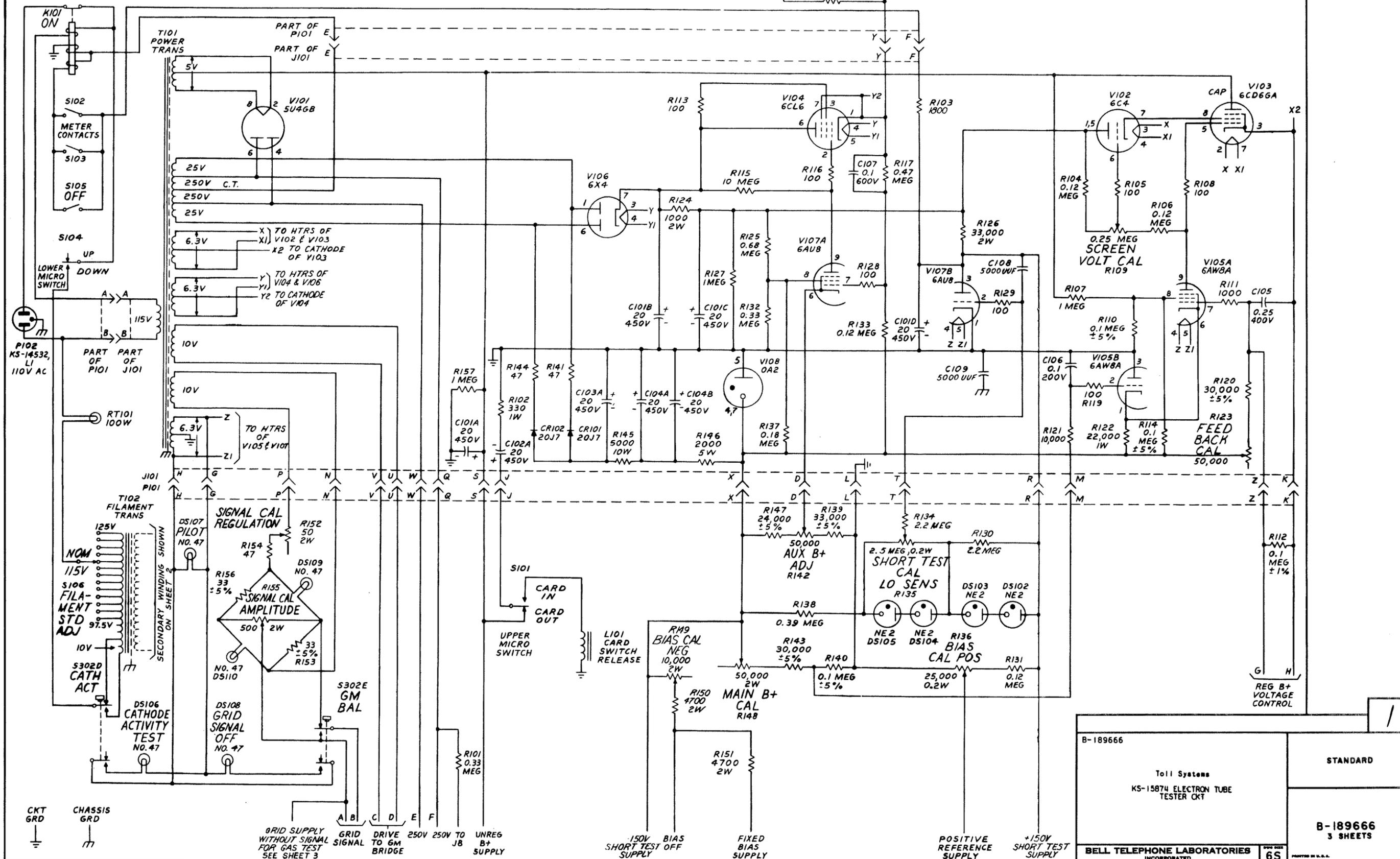


CIRCUIT NOTES:

- 101. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/2W AND ARE ±10%.
- 102. DOTTED COMPONENT, PRESENTLY SHORT CIRCUITED, IS PLANNED FOR FUTURE USE.
- 103. VALUE OF RX, WHICH TRIMS R308 FOR 100V DROP, TO BE DETERMINED DURING CALIBRATION.

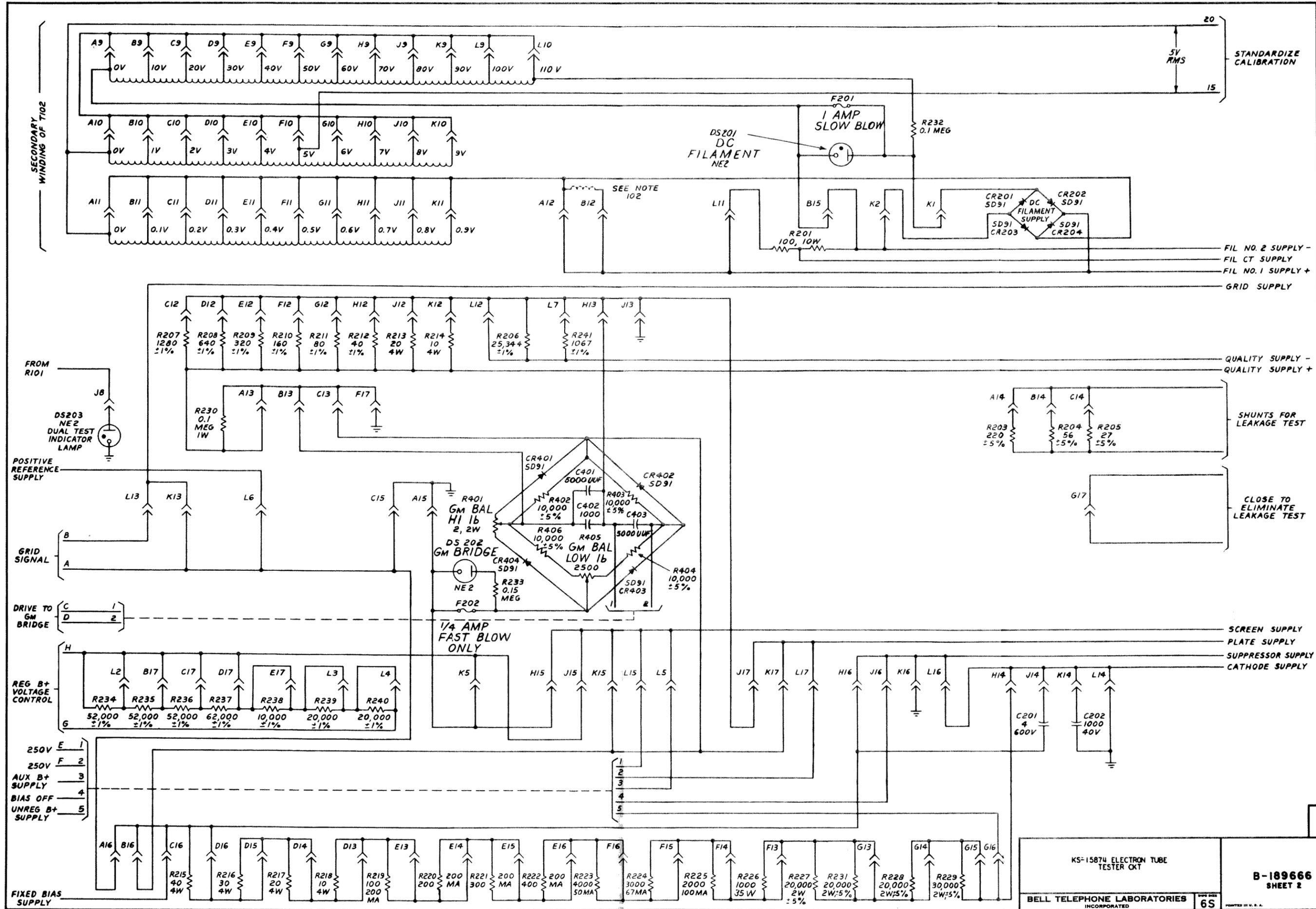
INFORMATION NOTES:

- 301. UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICRO-FARADS.

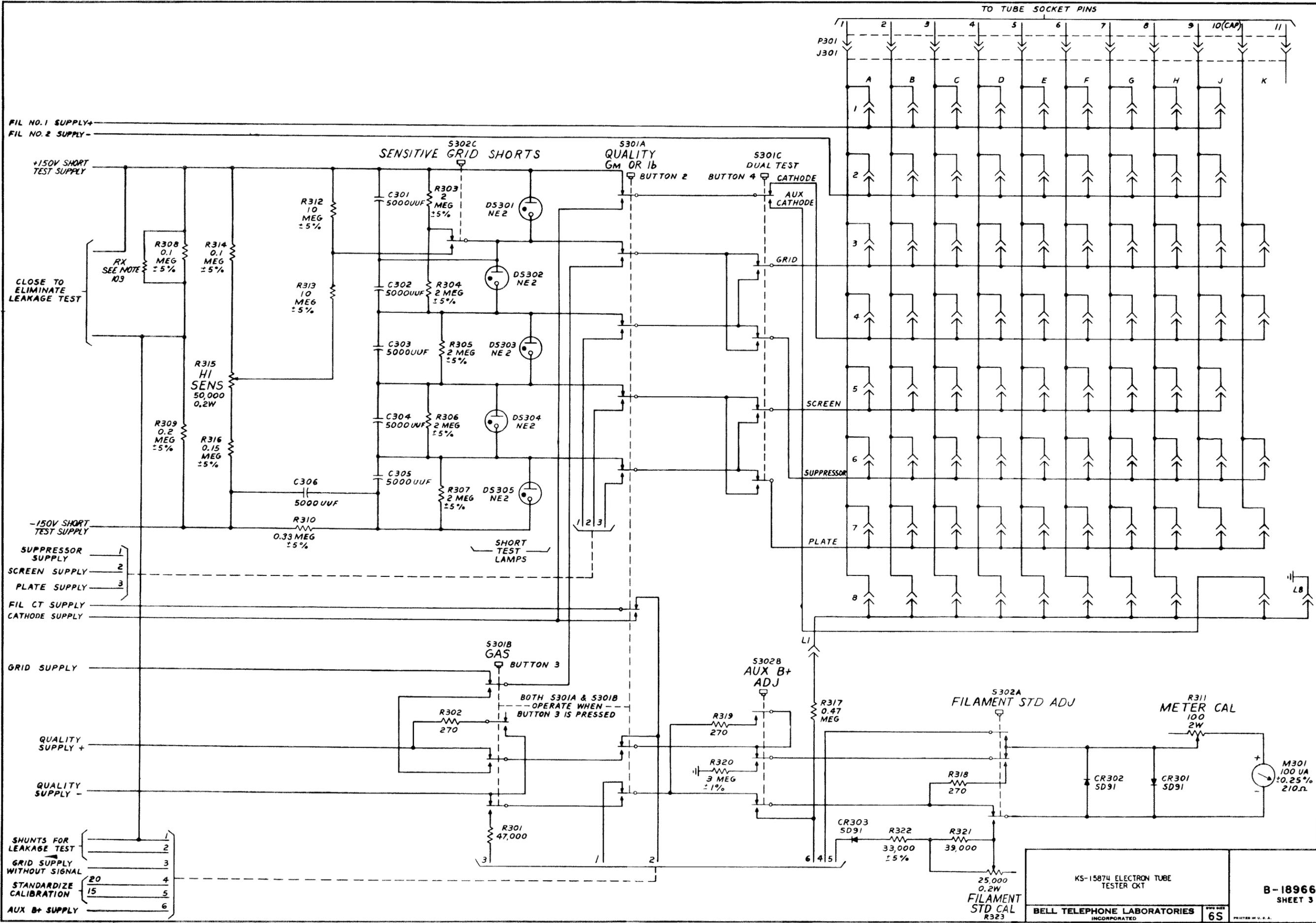


B-189666		STANDARD	
Toll Systems KS-15874 ELECTRON TUBE TESTER CKT			
BELL TELEPHONE LABORATORIES INCORPORATED		B-189666 3 SHEETS	
		6S	

ISSUE	ISSUE	ISSUED	A.A.	DATE
1		8-25-59	MM	MM



KS-15874 ELECTRON TUBE TESTER CKT
 BELL TELEPHONE LABORATORIES INCORPORATED
 B-189666 SHEET 2
 6S



CLOSE TO ELIMINATE LEAKAGE TEST

RX SEE NOTE N3

1 SUPPRESSOR SUPPLY
2 SCREEN SUPPLY
3 PLATE SUPPLY

SHUNTS FOR LEAKAGE TEST
2
GRID SUPPLY WITHOUT SIGNAL
3
STANDARDIZE CALIBRATION
20 4
15 5
AUX B+ SUPPLY 6

KS-15874 ELECTRON TUBE TESTER CKT
BELL TELEPHONE LABORATORIES INCORPORATED
M301 100 UA ±0.25% 210Ω
R311 METER CAL 100 2W
S302A FILAMENT STD ADJ
R323 25,000 0.2W FILAMENT STD CAL
R321 39,000
R322 33,000 ±5%
CR303 SD91
CR302 SD91
CR301 SD91
R317 0.47 MEG
R319 270
R320 3 MEG ±1%
R301 47,000
R302 270
R303 2 MEG ±5%
R304 2 MEG ±5%
R305 2 MEG ±5%
R306 2 MEG ±5%
R307 2 MEG ±5%
R308 0.1 MEG ±5%
R309 0.2 MEG ±5%
R310 0.33 MEG ±5%
R312 10 MEG ±5%
R313 10 MEG ±5%
R314 0.1 MEG ±5%
R315 HI SENS 50,000 0.2W
R316 0.15 MEG ±5%
R318 270
S301A QUALITY GM OR 1b
S301B GAS
S302C SENSITIVE GRID SHORTS
S302A FILAMENT STD ADJ
S302B AUX B+ ADJ
S303A DUAL TEST
S303B DUAL TEST
S303C DUAL TEST
S303D DUAL TEST
S303E DUAL TEST
S303F DUAL TEST
S303G DUAL TEST
S303H DUAL TEST
S303I DUAL TEST
S303J DUAL TEST
S303K DUAL TEST
S303L DUAL TEST
S303M DUAL TEST
S303N DUAL TEST
S303O DUAL TEST
S303P DUAL TEST
S303Q DUAL TEST
S303R DUAL TEST
S303S DUAL TEST
S303T DUAL TEST
S303U DUAL TEST
S303V DUAL TEST
S303W DUAL TEST
S303X DUAL TEST
S303Y DUAL TEST
S303Z DUAL TEST
TO TUBE SOCKET PINS
1 2 3 4 5 6 7 8 9 10(CAP) 11
A B C D E F G H J K
1 2 3 4 5 6 7 8
CATHODE
AUX CATHODE
GRID
SCREEN
SUPPRESSOR
PLATE
L1
L2

B-189666 SHEET 3