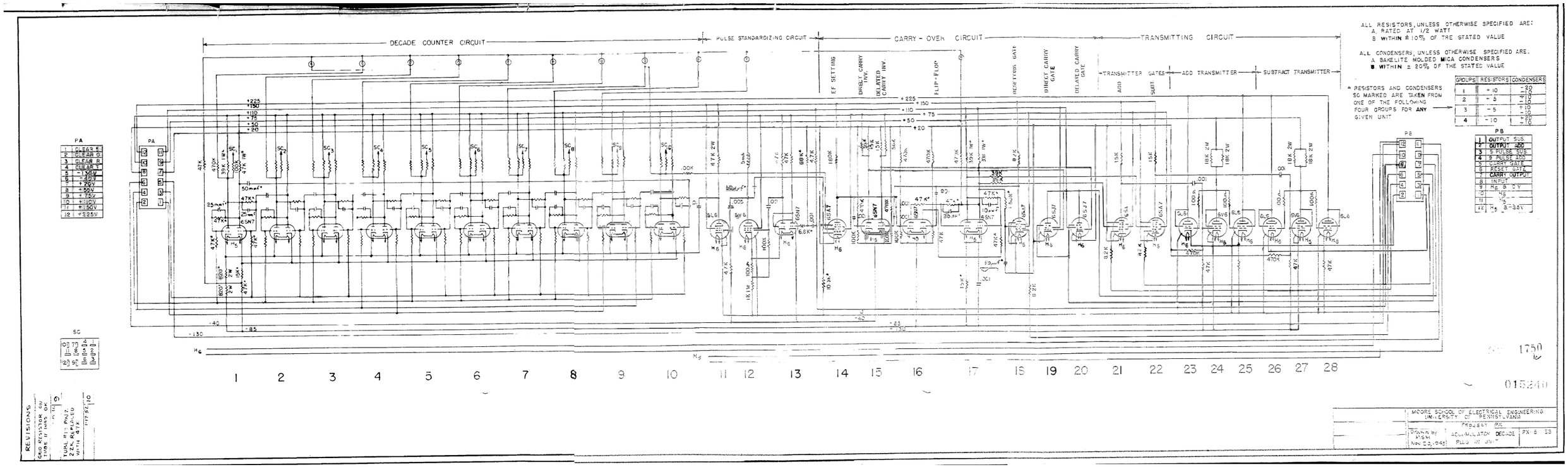
DECADE COUNTER CIRCUIT
PULSE STANDARDIZING CIRCUIT
CARRY - OVER CIRCUIT
TRANSMITTING CIRCUIT
EF SETTING
DIRECT CARRY INV.
DELAYED CARRY INV.
FLIP-FLOP
RESETTING GATE
DIRECT CARRY GATE
DELAYED CARRY GATE
TRANSMITTER GATES
ADD TRANSMITTER
SUBTRACT TRANSMITTER
ADD
SUBT.
ALL RESISTORS, UNLESS OTHERWISE SPECIFIED ARE:
A RATED AT 1/2 WATT
B WITHIN ± 10% OF THE STATED VALUE
ALL CONDENSERS, UNLESS OTHERWISE SPECIFIED ARE:
A BAKELITE MOLDED MICA CONDENSERS
B WITHIN ± 20% OF THE STATED VALUE
* RESISTORS AND CONDENSERS SO MARKED ARE TAKEN FROM ONE OF THE FOLLOWING FOUR GROUPS FOR ANY GIVEN UNIT
GROUPS | RESISTORS | CONDENSERS
1 | +10 | -20 +20
2 | +5 | +10 -20
3 | -5 | +10 -10
4 | -10 | +20 +10
PA
1 CLEAR E
2 CLEAR G
3 CLEAR R
4 CLEAR T
5 -130V
6 -40V
7 +20V
8 +50V
9 +75V
10 +110V
11 +150V
12 +225V
PB
1 OUTPUT SUB
2 OUTPUT ADD
3 9 PULSE SUB
4 9 PULSE ADD
5 CARRY GATE
6 RESET GATE
7 CARRY OUTPUT
8 INPUT
9 H6 B C V
10 H5
11 H5
12 H5 (a=-3.5V)
SC
REVISIONS
GRID RESISTOR ON TUBE 11 WAS OK
TUBE #11 PULL 22K REPLACED WITH 47K
MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA
PROJECT PX
DRAWN BY
ACCUMULATOR DECADE
PX-8 SS
PLUG IN UNIT
1750
015240