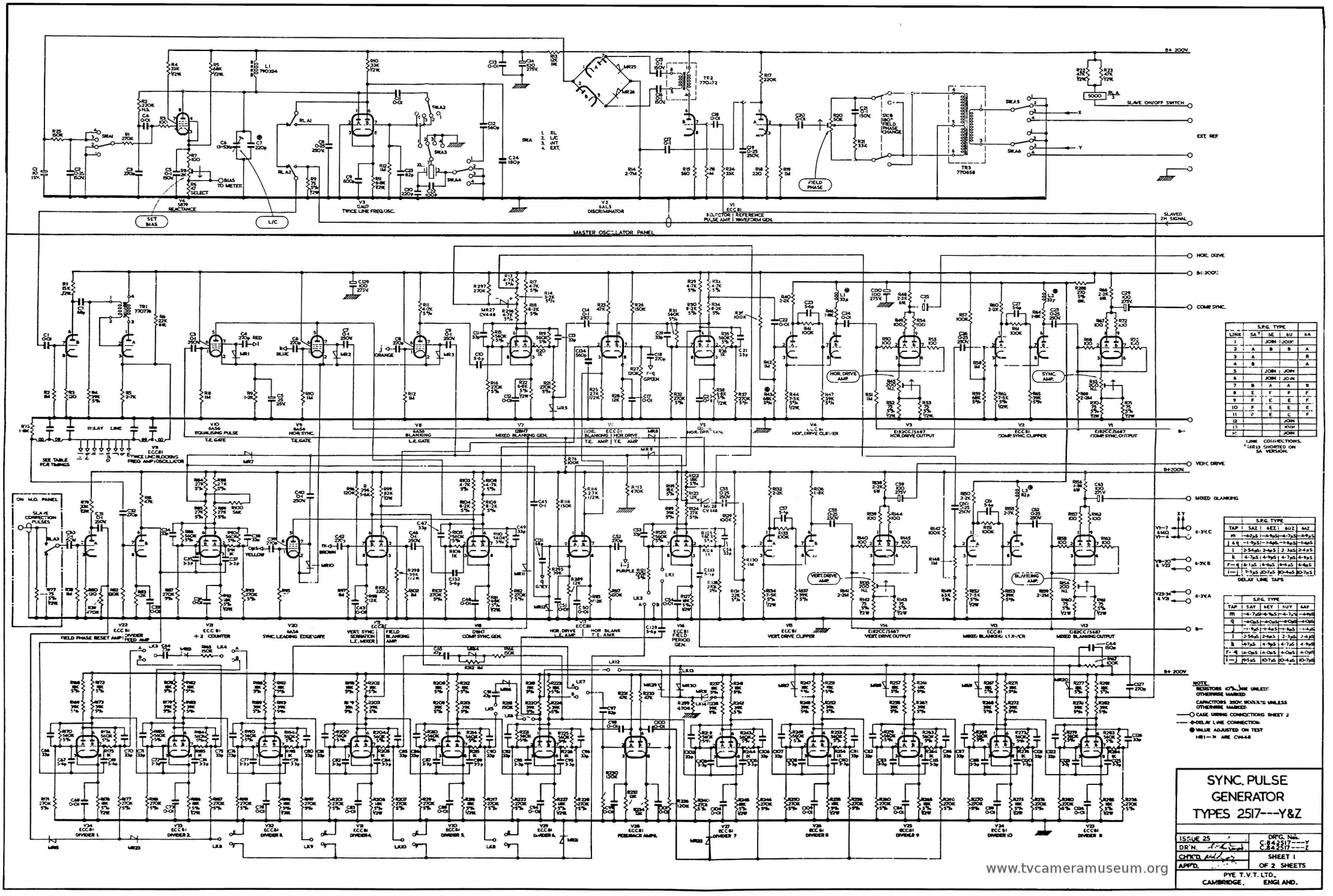

MASTER OSCILLATOR PANEL
SYNC. PULSE GENERATOR TYPES 2517---Y&Z
SHEET 1 OF 2 SHEETS
PYE T.V.T. LTD., CAMBRIDGE, ENGLAND
DRG. No. C.B42517---Y C.B42517---Z
ISSUE 25
DR'N.
CHK'D.
APP'D.
B+ 200V.
HOR. DRIVE
COMP. SYNC.
VERT. DRIVE
MIXED BLANKING
SLAVED 2H SIGNAL
EXT. REF
SLAVE ON/OFF SWITCH
SET BIAS
L/C
BIAS TO METER
SELECT
REACTANCE
TWICE LINE FREQ/OSC.
DISCRIMINATOR
SELECTOR | REFERENCE PULSE AMP | WAVEFORM GEN.
FIELD PHASE
DELAY LINE
SEE TABLE FOR TIMINGS
EQUALISING PULSE T.E. GATE
HOR. SYNC. T.E. GATE
BLANKING L.E. GATE
MIXED BLANKING GEN.
HOR. BLANKING | HOR. DRIVE T.E. AMP | V.E. AMP
HOR. DRIVE CLIPPER
HOR. DRIVE OUTPUT
COMP. SYNC. CLIPPER
COMP. SYNC. OUTPUT
HOR. DRIVE AMP.
SYNC. AMP.
TWICE LINE BLOCKING FREQ. AMP/OSCILLATOR
SYNC. LEADING EDGE/GATE
VERT. SYNC | SERRATION L.E. MIXER
FIELD BLANKING AMP.
COMP. SYNC. GEN.
HOR. DRIVE L.E. AMP | HOR. BLANK T.E. AMP.
FIELD PERIOD GEN.
VERT. DRIVE CLIPPER
VERT. DRIVE OUTPUT
MIXED BLANKING CLIPPER
MIXED BLANKING OUTPUT
VERT. DRIVE AMP.
BLANKING AMP.
FIELD PHASE RESET AMP | DIVIDER FEED AMP.
+2 COUNTER
DIVIDER 1
DIVIDER 2
DIVIDER 3
DIVIDER 4
DIVIDER 5
DIVIDER 6
FEEDBACK AMPS.
DIVIDER 7
DIVIDER 8
DIVIDER 9
DIVIDER 10
DIVIDER 11
LINK CONNECTIONS.
CASE WIRING CONNECTIONS SHEET 2
DELAY LINE CONNECTION
VALUE ADJUSTED ON TEST
HR1—11 ARE CV448
DELAY LINE TAPS
6-3V.C
6-3V.B
6-3V.A
S.P.G. TYPE
LINK
TAP
SA
SE
6U
6A
6Y
6EY
5UY
5AY
6EZ
5UZ
5AZ
NOTE.
RESISTORS 10% UNLESS OTHERWISE MARKED
CAPACITORS 350V. WORKING UNLESS OTHERWISE MARKED
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