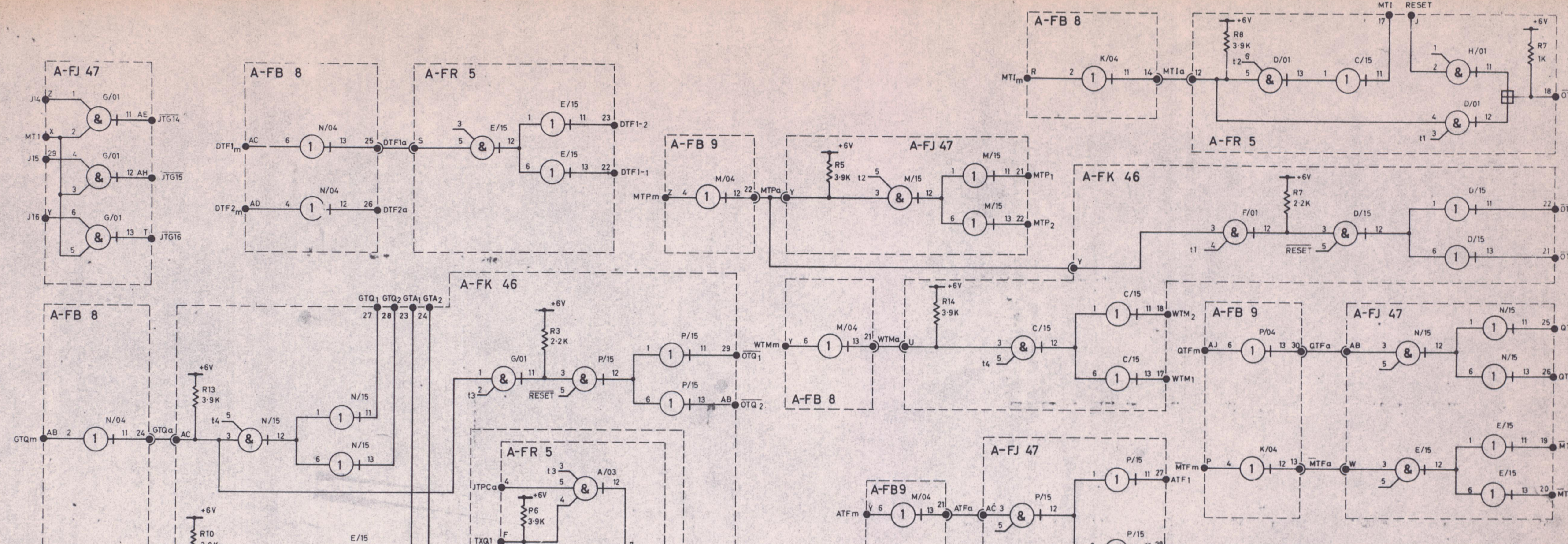
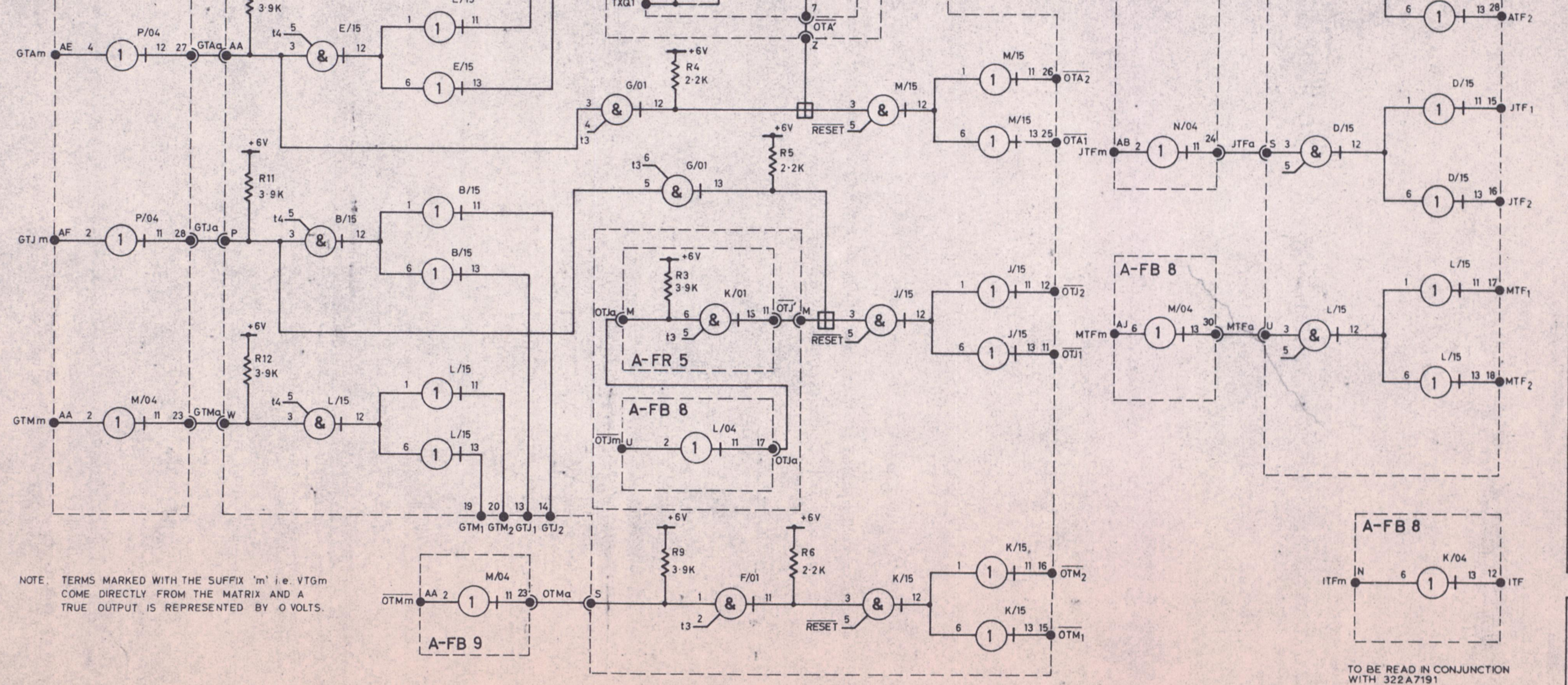
322 D7959 THIRD ANGLE PROJECTION

DIMENSIONS IN INCHES UNLESS OTHERWISE STATED

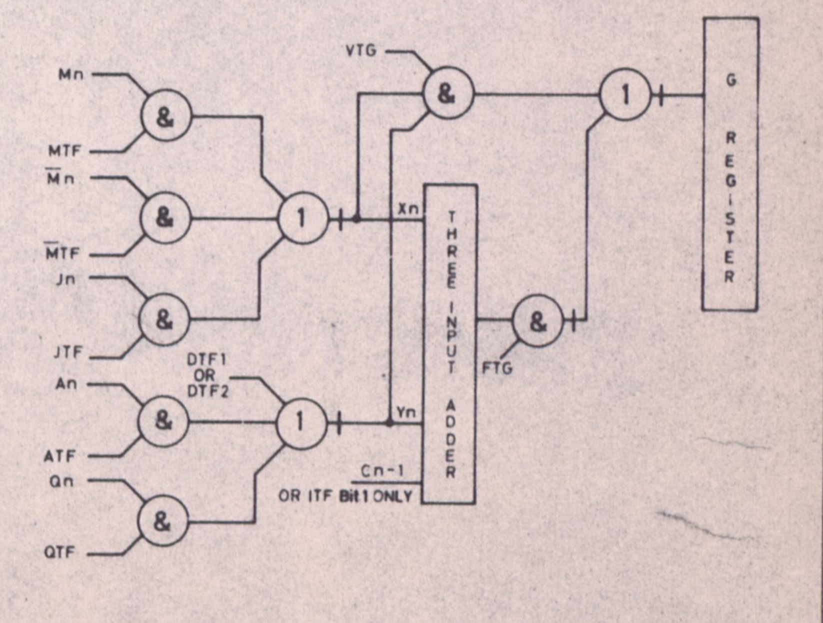
DO NOT SCALE DRAWING





THE OUTPUT OF THE ADDER IS EQUAL TO THE SUM OF Xn + Yn + Cn-1. AS THERE CAN BE NO Cn-1 TO Bit 1 THE ITF SIGNAL IS TAKEN TO THIS INPUT. HENCE IF ITF OCCURS THEN ONE IS ADDED TO ANY OTHER INPUT TO THE ADDER.

DTF1 MAKES Yn ON Bits 1-13 EQUAL TO 1. HENCE IF DTF1 AND VTG OCCUR, THE G REGISTER WILL COPY THE FIRST 13 BITS OF THE REGISTER GATED INTO Xn. DTF1 & DTF2 MAKES Yn ON ALL BOARDS EQUAL TO 1. HENCE IF THIS OCCURS WITH FTG THEN A 'FULLHOUSE' IS ADDED TO Xn, i.e. ONE IS SUBTRACTED.



SYMBOLIC REPRESENTATION OF ADDER.

NOTE. TERMS MARKED WITH THE SUFFIX 'm' i.e. VTGm COME DIRECTLY FROM THE MATRIX AND A TRUE OUTPUT IS REPRESENTED BY 0 VOLTS.

TO BE READ IN CONJUNCTION WITH 322A7191

920B COMPUTER
REGISTER MODULE
AND CONTROL WAVEFORMS

SHEET 2 OF 2

A19

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MATERIAL — FINISH —

TOLERANCES DECIMAL FRACTIONAL ANGULAR DIMENSIONS UNLESS OTHERWISE STATED

ELLIOTT BROTHERS (LONDON) LTD

TITLE 920B COMPUTER REGISTER MODULE AND CONTROL WAVEFORMS

SHEET 2

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