



- NOTES:**
- FUSE - FIGS 1, 2 & 3
  - 1.5A PER SUBS LINE CCTS ON LEVELS 6 & 7 AND AT NON-METERING OF ASSOC. TRUNK ON LEVEL 6
  - 1.5A PER SUBS LINE CCTS ON LEVELS 2, 3, 4, 5 AND RESISTANCES R5, G, 7 & 8 (FIG. 8)
  - FIG. 9
  - 3.0A PER LINEFINDER AND ASSOC. GROUP SELECTOR
  - FIGS 4 & 5
  - 3.0A PER CONTROL RELAY SET AND ASSOCIATED ALLOTTER
  - FIG. 6 1.5A PER GROUP OF RELAYS
  - FIG. 7 FUSED WITH METER TEST LAMP
  - . +, P & M WIRES OF LEVEL 3 TO BE CONNECTED TO -. +, P & M WIRES RESPECTIVELY OF ASSOC. TRUNK ON LEVEL 2
  - LEVEL 3 CONTACTS OF THE 10 SUBS CONNECTED TO THESE LEVELS TO BE CONNECTED AS SHOWN IN NOTE G.
  - . +, P & M WIRES OF LEVEL 9 TO BE CONNECTED TO -. +, P & M WIRES RESPECTIVELY OF ASSOC. TRUNK ON LEVEL 2
  - LEVEL 9 CONTACTS OF THE 10 SUBS CONNECTED TO THESE LEVELS TO BE CONNECTED AS SHOWN IN NOTE G.
  - TO TEST THE RUNNING OF THE ALLOTTER UNISELECTOR FROM THE TEST JACK, TRANSFER U LINK FROM T17 & 8 TO T11 & 2 (FIG. 4)
  - SPARE POSITIONS ON ALLOTTERS TO BE MULTIPLIED (TO 9 & 17, 2 TO 10 & 18 ETC.) CONNECT OUTLET A9/25 TO EARTH.
  - ALLOCATION OF LINE FINDER LEVELS AND OPERATION OF NPA & NPB SPRINGS:-
  - LEVEL 0 TO BE USED FOR 'M' UNIT LINES
  - LEVEL 1 TO BE USED ONLY FOR CCB LINES
  - LEVELS 2, 3, 4, 5, 6, 7 TO BE USED FOR I, P, R & M LINES
  - LEVELS 8 & 9 TO BE USED FOR I/C JUNCTION ONLY
  - NPB SPRINGS TO OPERATE ON LEVELS 8 & 9
  - NPB SPRINGS TO OPERATE ON LEVELS 2, 3, 4, 5, 6, 7 (REF. NOTE A)
  - AT METERING U.A.X.S.:-
  - LEVEL 0 TO BE USED FOR 'M' UNIT LINES
  - LEVELS 2 & 3 TO BE USED IN ACCORDANCE WITH TABLE BELOW
  - LEVELS 4, 5, 6 & 7 MAY BE USED FOR I, S & X LINES
  - LEVELS 8 & 9 TO BE USED FOR INCOMING JUNKS ONLY.
- | CONNECTION OF SUBSCRIBERS | OPERATION OF NPA & NPB SPRINGS |         |                       |                       |                       |                       |                       |                       |
|---------------------------|--------------------------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| LEV. 0                    | LEV. 2                         | LEV. 3  | LEV. 4                | LEV. 5                | LEV. 6                | LEV. 7                | LEV. 8                | LEV. 9                |
| M UNIT                    | CCB                            | M, R    | I, S, X               | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 |
| M UNIT                    | CCB                            | M, R    | I, S, X               | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 |
| M UNIT                    | M, R                           | I, S, X | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 | LEV. 2, 3, 4, 5, 6, 7 |
11. 2" 2" & 5" GROUPS OF 10 METERS TO BE CONNECTED DIRECT TO ASSOC. SUBS LINE CCTS
  - 4" GROUP OF 10 METERS TO BE CONNECTED VIA THE ORD/MULTI-PARTY LINE OR CCB STRIP CONN.
  - SHELF JACK POINTS 1, 2, 3, 4 AND 9 & 11 (FIG. 4) AND 9 & 11 (FIG. 3) TO MAKE CONTACT WHEN REL SET & SELECTOR RESPY. ARE REMOVED.
  - ALL LEVEL NUMBER DESIGNATIONS ARE AS PER THE NZPO
  - ON LINES TO A STANDARD P.A.B. DISCONNECT & SLEEVE WIRING SHOWN AS -X- ON X2 CONTACT 3
  - FOR JUMPERING ASSOCIATED WITH NEC L4E REFER TO 13B10
  - FOR WIRING SEE GBW 19730 OR EQUIV.
  - PROVIDE D2 (FIG. 4) WHEN USED WITH NEC LOCAL REGISTER SYSTEM.
  - COLORS IN BRACKETS TO BE USED WHEN FIG. 2 IS REQUIRED
  - WHEN FIG. 1 IS REQUIRED ADD WIRING SHOWN THUS -O- AND OMIT WIRING SHOWN THUS -X- WHEN FIG. 2 IS REQ'D. ADD WIRING SHOWN THUS -X- AND OMIT WIRING SHOWN THUS -O-
  - DELETED.
  - WHEN THE SHARED SERVICES FACILITY IS EMPLOYED STRAP TOGETHER THE P2 CONTACT 4 OF THE ASSOCIATED X, Y, Z SUBS LINE CIRCUITS STRAP L54 CONTACT 23 TO CONTACT 24 AND DISCONNECT 3 SLEEVE WIRING SHOWN -X- ON X2 CONTACT 3 OF BOTH THE X & Y SUBS LINE CIRCUITS
  - FOR TWO PARTY (P) WORKING USE ONE SUBS LINE CCT. & JUMPER TO THE X SUBS NF ON THE I.D.F. OF THE P WIRES ONLY OF X, Y & Z ARE TO BE CONNECTED TOGETHER ON THE I.D.F. FOR 2OTH 5 & P WORKING. THE X SUBSCRIBER IS CONNECTED AS A NORMAL EXCHANGE LINE ON THE M.D.F. OF THE Y SUBSCRIBER BEING CONNECTED WITH THE LB-XB & LA-XA JUMPER WIRES REVERSED TO THE COMMON LINE
  - TO RESET THE CONTROL ALARM REMOVE THIS LINK ON BOTH CONTROL RELAY SETS 1 & 2 (FIG. 4)
  - ALL WIRING TO BE 25 S.W.G. UNLESS OTHERWISE SPECIFIED.
  - PRIOR TO ISSUE 7, LPI WAS 2/50 V.
  - ON EARLIER EQUIP. BATT. WIRING IS BLACK OR WHITE METRIC WIRE SIZES WERE NOT SHOWN.

**ENG'S RECORD**

NO.	DATE	BY	REVISION
1	14/12/73	GBW	1
2	15/6/77	GBW	2
3	15/6/77	GBW	3
4	15/6/77	GBW	4
5	15/6/77	GBW	5
6	15/6/77	GBW	6
7	15/6/77	GBW	7
8	15/6/77	GBW	8
9	15/6/77	GBW	9
10	15/6/77	GBW	10
11	15/6/77	GBW	11
12	15/6/77	GBW	12
13	15/6/77	GBW	13
14	15/6/77	GBW	14
15	15/6/77	GBW	15
16	15/6/77	GBW	16
17	15/6/77	GBW	17
18	15/6/77	GBW	18
19	15/6/77	GBW	19
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21	15/6/77	GBW	21
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28	15/6/77	GBW	28
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43	15/6/77	GBW	43
44	15/6/77	GBW	44
45	15/6/77	GBW	45
46	15/6/77	GBW	46
47	15/6/77	GBW	47
48	15/6/77	GBW	48
49	15/6/77	GBW	49
50	15/6/77	GBW	50

U.A.X. NR 13  
LINE FINDER &  
LINE CIRCUIT  
(GO LINE CIRCUITS)

AMENDMENT PARTICULARS

DATE

APPR

SIZE L 50 x H

NZPO

DRAWN

CHECKED

WIRING

CIRCUIT

GBW

13910 MOD A