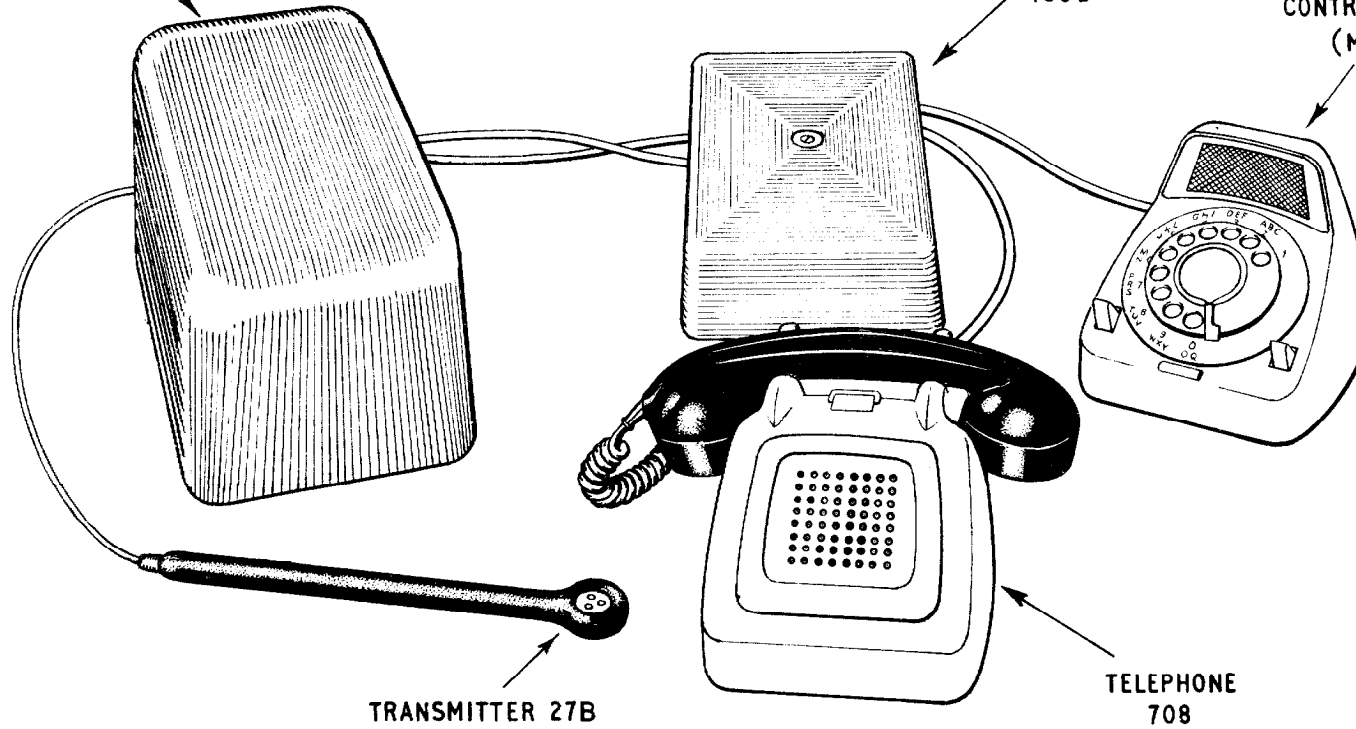


UNIT, SIGNALLING
SA 4226-1

AMPLIFIER
138 B

CONTROL-UNIT 8A
(MARK 2)



REFERENCES
T1 C3 B2005 INSTALLATION
T1 E5 B2807 MAINTENANCE

PO TELECOMMS. HQRS PAPER:-R DISTN:- RESTRICTED	ISSUE			
		B	CORD COLOURS AMENDED. E.M.S. <i>D.I.F.</i>	25.10.78
		A	NOTES REWRITTEN. NOTE 12 ADDED. PAGE 1 WAS PAGE 2. PAGE 2 WAS PAGE 1. MINOR AMENDMENTS. <i>P.B.</i>	29.3.76 TD 7-1-2
			J.S.GORE L.E.S. TD 2.32 SECTION	24.6.69

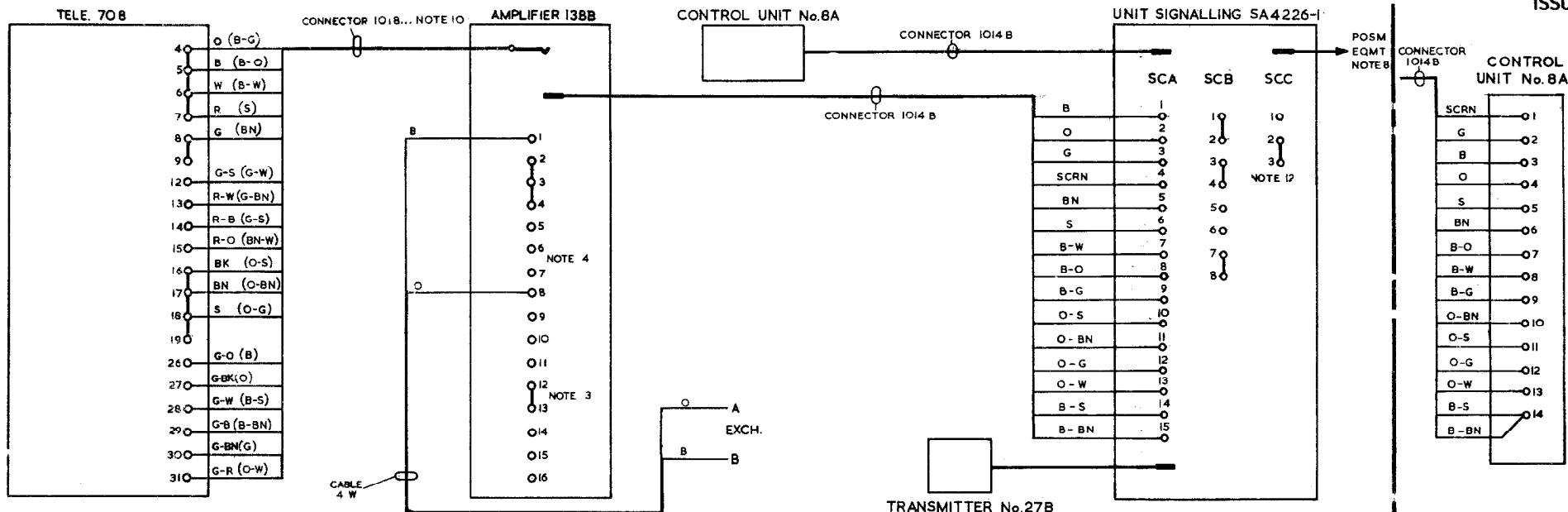
NOTES:-

1. The L.S.T. No. 5B should be installed in accordance with this N diagram and TI C3 B 2005.
2. The line current should be at least 30 mA for satisfactory operation. Under no condition should line or earth current through the amplifier exceed 90 mA. See TI C3 B 2005 and note 6.
3. Long Line/Short Line Strap (A12-A13) is in the short line position. Where the loop resistance of the line exceeds 500Ω replace the strap between (A13-A14).
4. When an extension bell is required, connect between A6-A7 and remove Strap T17-T18 in Telephone No. 708. For Shared Service connect between A10-A11 and remove Strap T4-T5 in Telephone No. 708.
5. CV 8790 to be fitted in UAX Areas with vibrator ringing.
6. A Resistor Coil No. 35A is fitted to restrict the current through the L.S.T. when calling the exchange. If difficulties arise due to high earth resistance, the resistor can be omitted, see TI C3 B 2005.
7. Termination of the Cord Inst. No. 4/97AD to the terminal strip in the Amplifier No. 138B, should be carried out by cutting off the tags and stripping back the insulation of the conductors to a suitable length, and wrapping the bare conductor under the screw terminal.
8. The connector between the L.S.T. No. 5B and the P.O.S.M equipment is provided by the supplies of the P.O.S.M equipment, and should be available at the customers premises.
9. The call main facility is not available for the P.O.S.M user.
10. The colours shown are those for Connector No. 1018D. The colours shown in brackets apply to Connector No. 1018A.
11. Control-unit No. 8A is connected as in the DEL on Page 3.
12. For customers with P.O.S.M automatically marking '0' or '100', remove Strap SCC2-3 and replace it between SCC1-2. For Shared Service leave the strap between SCC2 and 3 and provide strap shown thus -1-1-1 between SCC3 and SCB7.

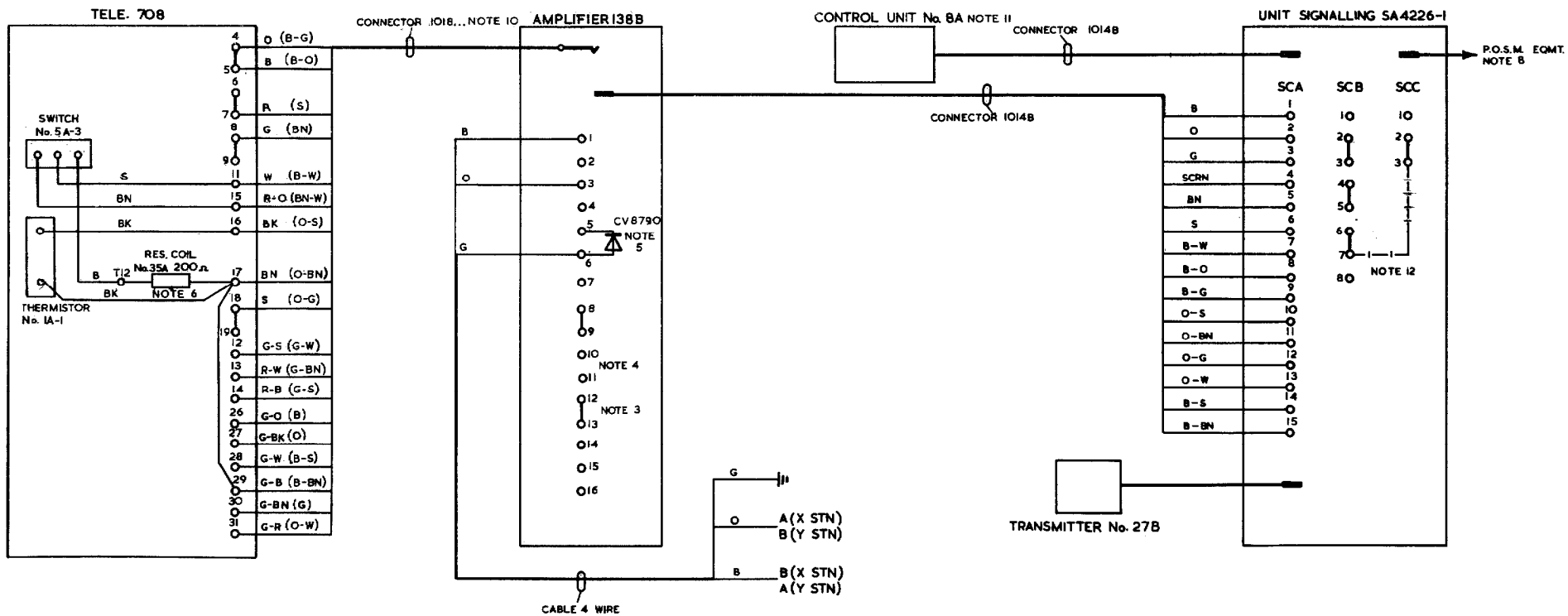
SCHEDULE OF DIAGRAMS	
ITEM	DIAGRAM
CONTROL-UNIT NO. 8A	N4458
TELEPHONE NO. 708	N4451
EXTENSION PLAN 4	N4506
EXTENSION PLAN 107	N4509
EXTENSION PLAN 1A	N4502
EXTENSION PLAN 1A SHARED SERVICE	N4522

LOUDSPEAKING TELEPHONE No. 5B. AUTOMATIC SYSTEMS DIRECT EXCHANGE LINE

N4476
PAGE 3
ISSUE B

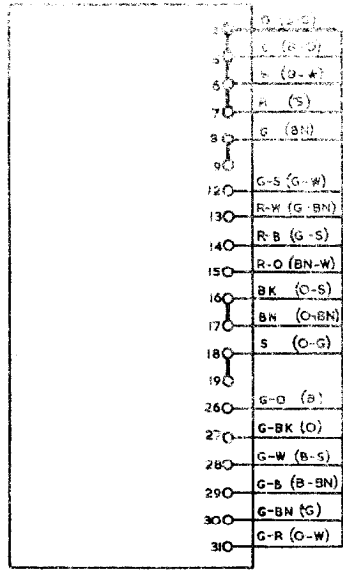


SHARED SERVICE



LOUDSPEAKING TELEPHONE No. 5B, AUTOMATIC SYSTEMS
MAIN OF EXTENSION PLAN 1A

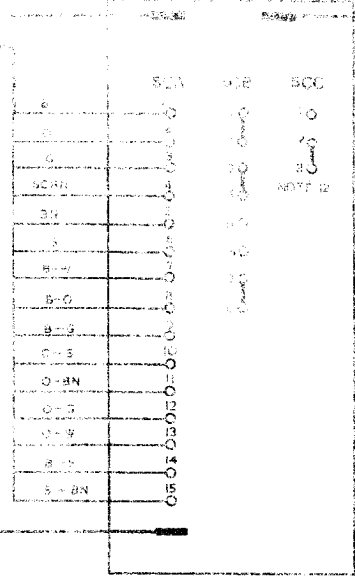
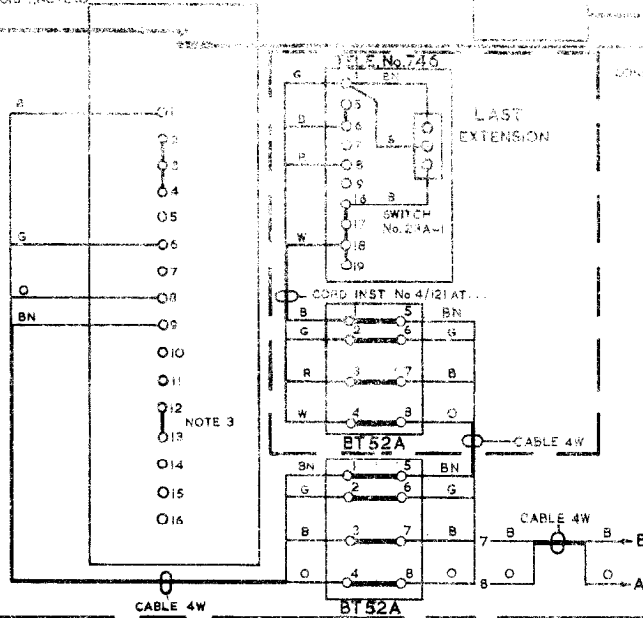
TELE. 706



CONNECTOR 101B...NOTE 10

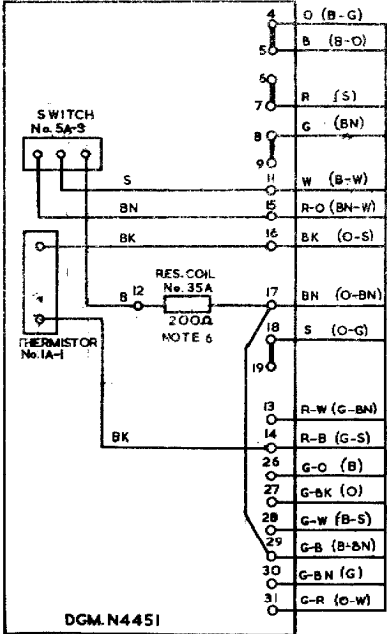
AMPLIFIER 100C

CONTROL UNIT No. BA NOTE 11



MAIN OF PLAN 1A SHARED SERVICE

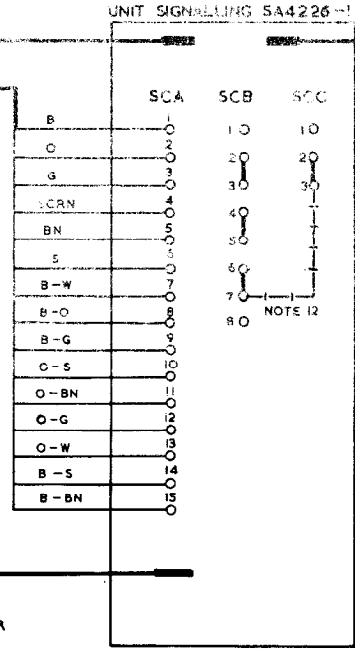
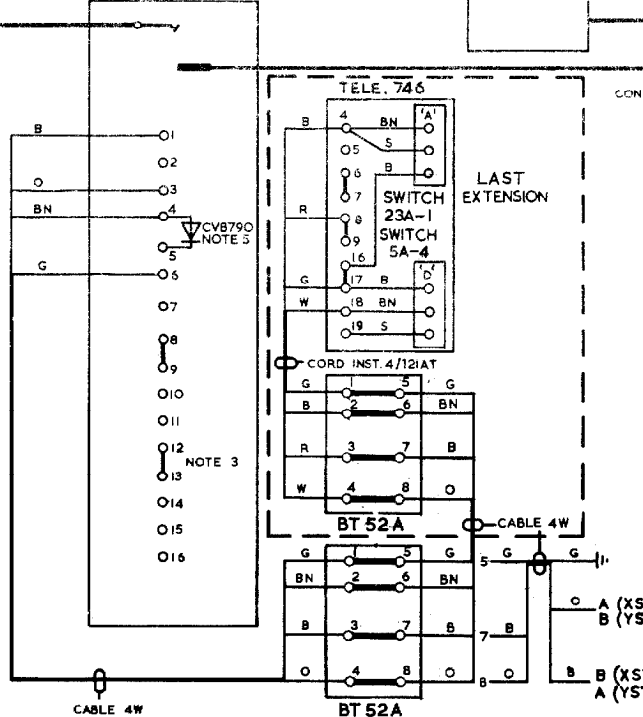
TELE. 708



CONNECTOR 101B...NOTE 10

AMPLIFIER 138B

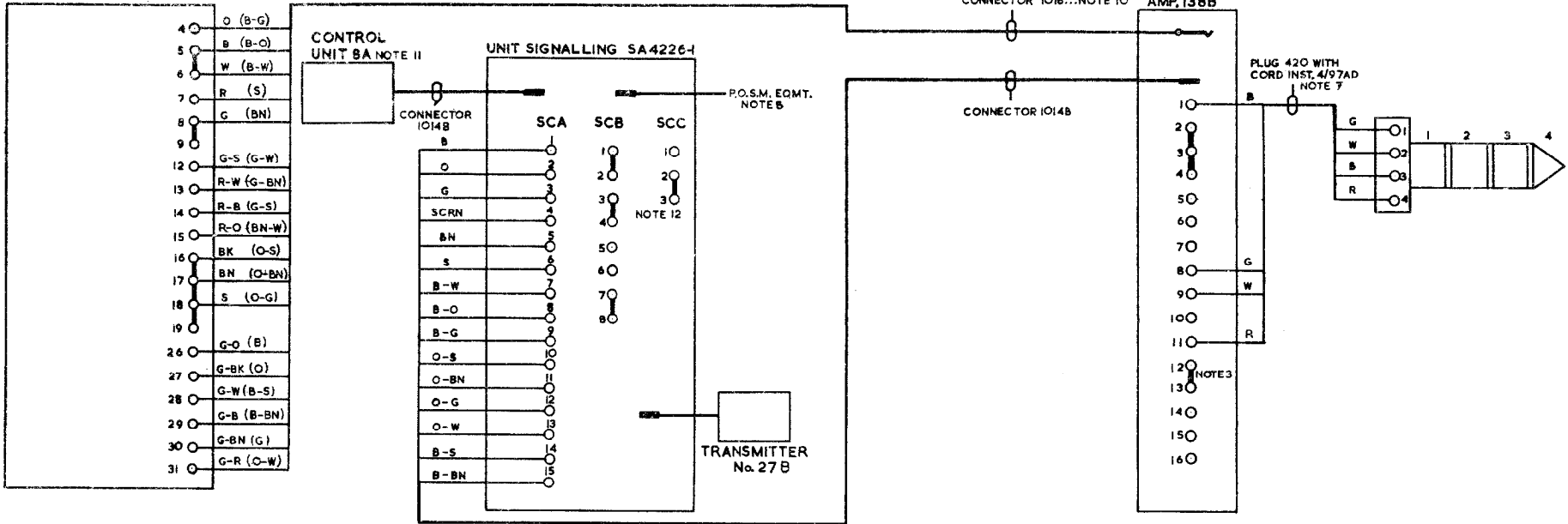
CONTROL UNIT No. BA NOTE 11



PROBLEM NOTE 5

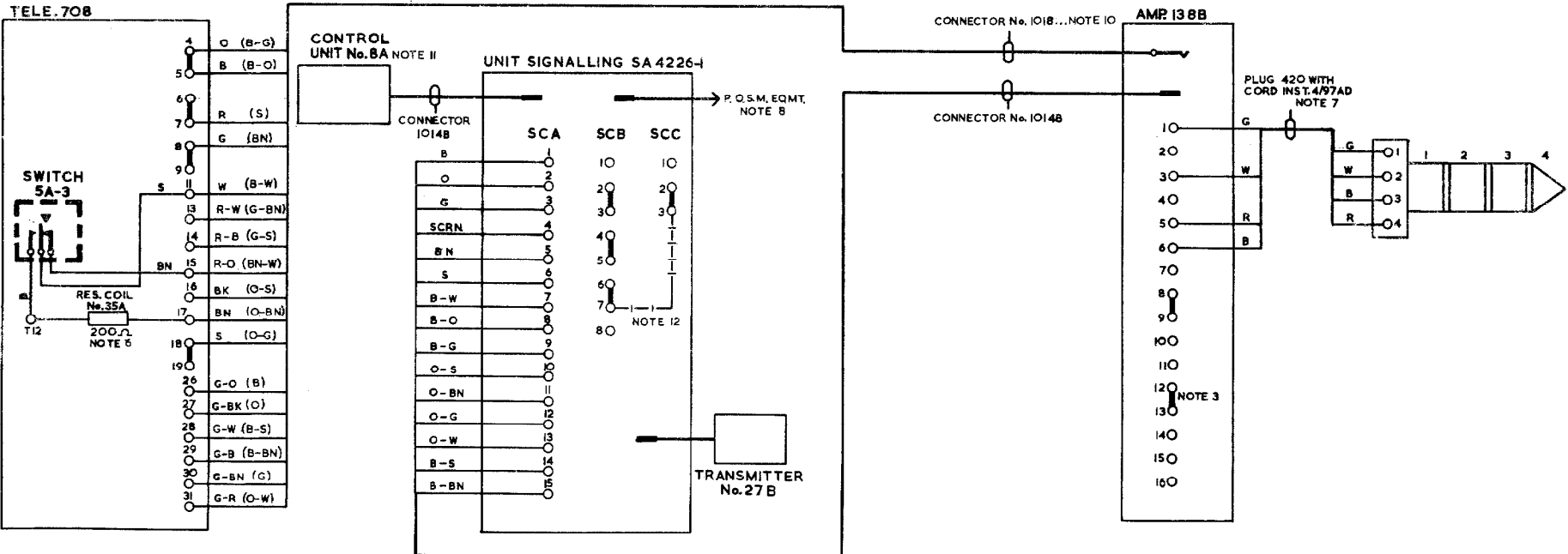
LOUDSPEAKING TELEPHONE No. 5B AUTOMATIC SYSTEMS
EXTENSION PLAN 4

TELE. 708



SHARED SERVICE
EXTENSION PLAN 4

TELE. 708



LOUDSPEAKING TELEPHONE No. 5B AUTOMATIC SYSTEMS
PLAN 107 EXTENSION ONLY

