

WASC-2378

Telephone

Wiring

Diagrams

1940-1953

MUSEUM OBJECT ENTRY FORM

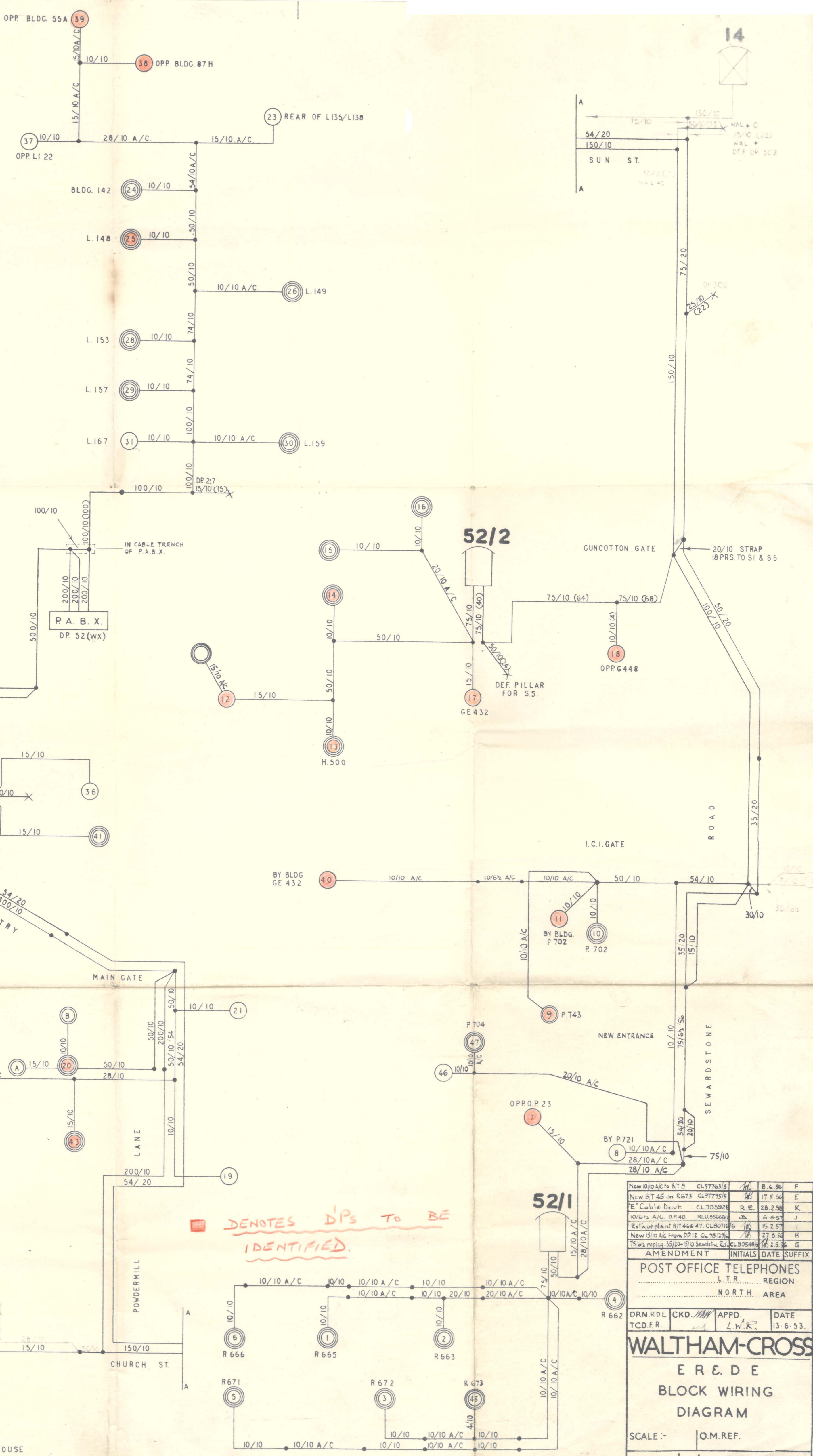
MUSEUM NAME:		Form No: 107
Received from: MR NASH Address:	Owner (if different): Address:	
Tel No: 01992 301 543	Tel No:	
DESCRIPTION OF OBJECT/COLLECTION (note obvious damage, & any related information eg. when, where, or how was it found or used; names, dates & details of the people who made or previously owned it, etc. Continue on a new sheet if necessary)		
<p>VARIOUS WIRING DIAGRAMS FOR TELEPHONE SYSTEMS AT RGM 1940-1953</p> <p>DEPOSITED IN WASC-2378</p>		
		Total no. of items: 6
REASON FOR ENTRY (tick as applicable, and sign)		
<input checked="" type="checkbox"/> Donation - I offer to donate the object(s) listed above to the museum's governing body. <input type="checkbox"/> Sale - I offer to sell the object(s) listed above to the museum's governing body (price sought £.....). <input type="checkbox"/> Loan - I offer to loan the object(s) listed above for the use of the museum's governing body for a period of months. <input type="checkbox"/> Identification - I leave the object(s) listed above for identification & undertake to collect these no later than 4 weeks from today.		
I confirm that the information given on this form is correct to the best of my knowledge and belief, & that I accept the terms and conditions described overleaf.		
Signed:		Date: 19-8-2014
ADDITIONAL AGREEMENT (DONATIONS/SALES ONLY) (tick as applicable, and sign)		
<input checked="" type="checkbox"/> I, the owner , confirm that I have undisputed title to the object(s) listed above, with full power to dispose of the items and transfer such title to the museum's governing body. OR <input type="checkbox"/> I, the depositor acting on behalf of the owner(s), confirm that the owner(s) have undisputed title to the object(s) listed above, with full power to dispose of the items and transfer such title to the museum's governing body, & that I am authorised by the owner(s) to act on their behalf to that effect.		
The title in the objects listed above, & subject to the conditions overleaf, is hereby transferred to the governing body of the museum.		
Signed:		Date:
MUSEUM SIGNATORY		
Receipt of the object(s) described above is hereby acknowledged.		
Signed: <i>[Signature]</i> <small>on behalf of the museum's governing body</small>		Date: 19-8-2014

RETURN OF OBJECT TO OWNER (tick as applicable, and sign)		
I, the depositor/owner, acknowledge the return of the object(s) described above in a satisfactory condition following:		
<input type="checkbox"/> identification <input type="checkbox"/> the end of the period of loan <input type="checkbox"/> the museum's governing body declining to accept the donation, loan or purchase of the object(s)		
Signed:		Date:
Countersigned (for museum):		Date:

M.Q.F. PAIRS	D.P. NO.	D.P. PAIRS	REMARKS
1-20	52	1-20	I/C MAIN WAL +
21-100	STP	1-80	RES'D I/C MAIN
101-110	8	1-10	
111-117	40	1-7	
118-127	11	1-10	
128, 131-133	10	1, 4, 5, 7	
129, 136-140	9	2, 3-7	
141-174	STP.	1-34	RES'D FOR AREA S6
175-204	PILLAR 52/2		SEE BELOW
205-208	18	2, 3, 5, 7	
209-242	STP.	1-24	RES'D FOR AREA S5
243-257	44	1-15	
258-267	19	1-10	
268-277	21	1-10	
278-292	42	1-15	
293-307	43	1-15	
308-345	20	1-38	
346-373	PILLAR 52/1		SEE BELOW
374-380	7	1-7	
381-400	STP.	81-100	
401-415	32	1-15	
416-430	34	1-15	
431-440	33	1-10	
441-450	DEAD	41-50	ON 50/10 TO HOPBIT ISLAND
451-460	35	1-10	
461-475	41	1-15	
476-490	36	1-15	
491-500	STP.	1-10	
501-507	39	1-7	
508-515	38	1-8	
516-525	37	1-10	
526-536	23	1-11	
537-539	24	1-3	
540-544	25	1-5	
545-552	26	1-8	
553-562	28	1-10	
563-569	29	1-7	
570-579	30	1-10	
580-585	31	1-6	
586-600	STP.	1-15	

'D' SIDE PAIRS	D.P. NO.	D.P. PAIRS
1-10	1	1-10
11-20	2	1-10
21-30	3	1-10
31-40	4	1-10
41-50	5	1-10
51-60	6	1-10
61-75	DEAD	ON 75/10 (61-75)

PILLAR 52/1	D.P. NO.	D.P. PAIRS
1-15	12	1-15
16-25	13	1-10
26-35	14	1-10
36-45	15	1-10
46-55	16	1-10
56-70	17	1-15
71-75	DEAD	ON 75/10 (71-75)



New 10/10 A/C to BT.9	CL 97763/5	14	B. 6. 56	F
New BT 45 on R673	CL 77795/5		17. 5. 56	E
E Cable Devt.	CL 70592/6		28. 2. 56	K
10/6 1/2 A/C. D.P. 40	RLU 95669/7		6. 8. 57	J
Extra plant BT 466/47	CL 80710/6		15. 2. 57	I
New 15/10 A/C from DP 12	CL 98129/6		27. 5. 56	H
75 wire replica 35/20/15/10	CL 90548/6		16. 2. 8. 56	G

AMENDMENT	INITIALS	DATE	SUFFIX
POST OFFICE TELEPHONES	L.T.R.		REGION
			NORTH AREA

DRN RDE	CKD.	APPD.	DATE
TCD.F.R.	M.W.	L.W.R.	13. 6. 53.

WALTHAM-CROSS

ER & DE

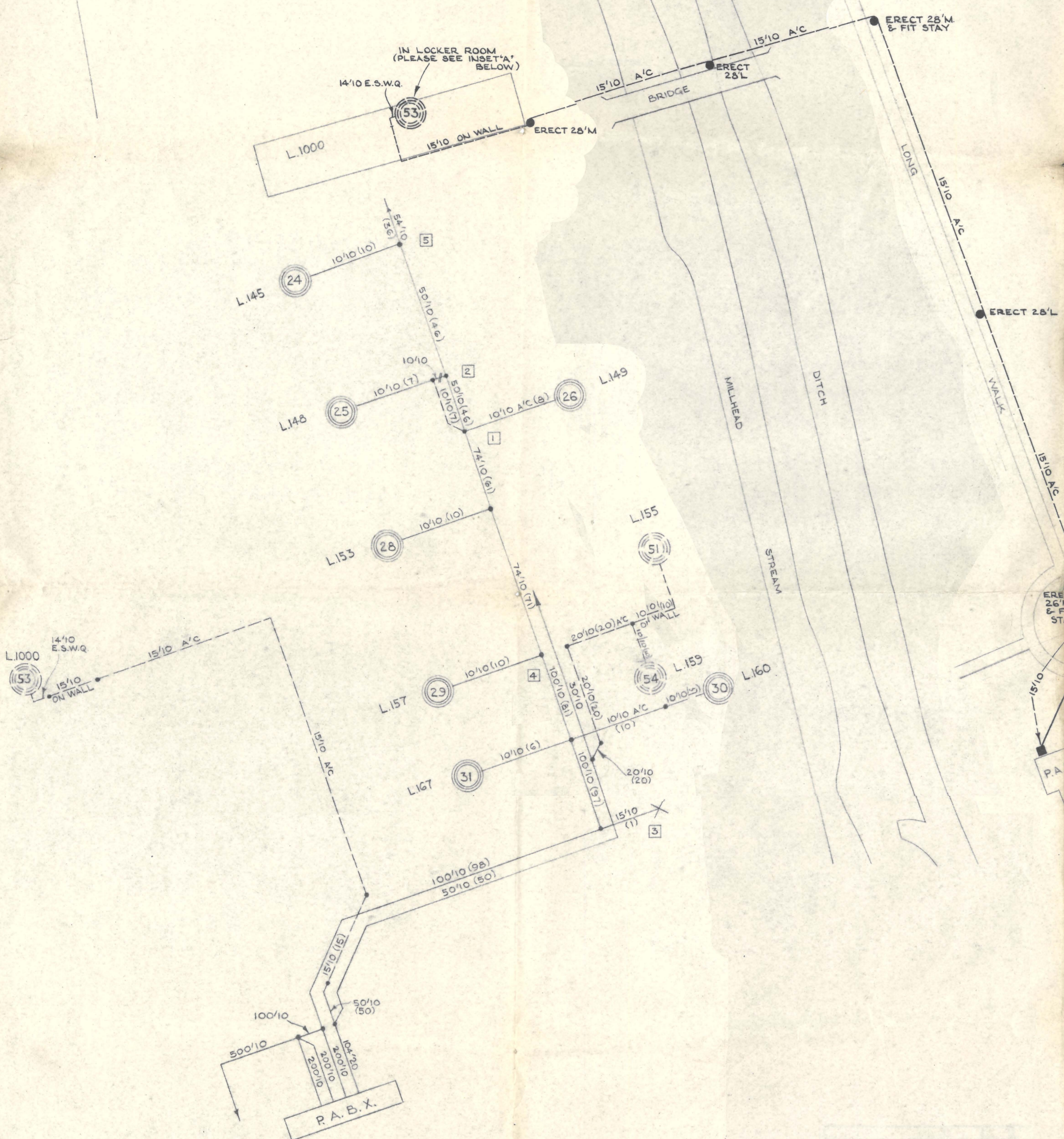
BLOCK WIRING

DIAGRAM

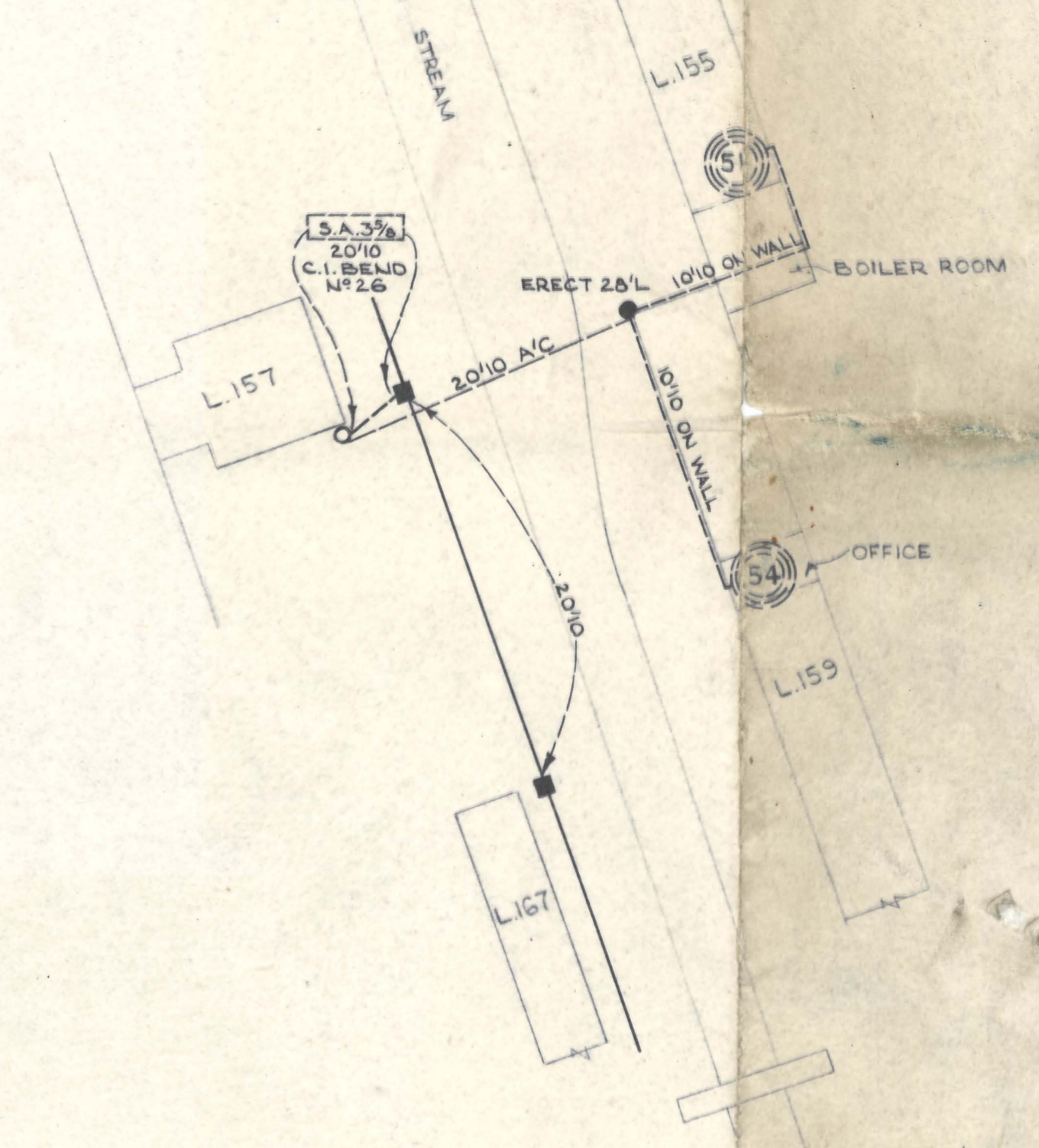
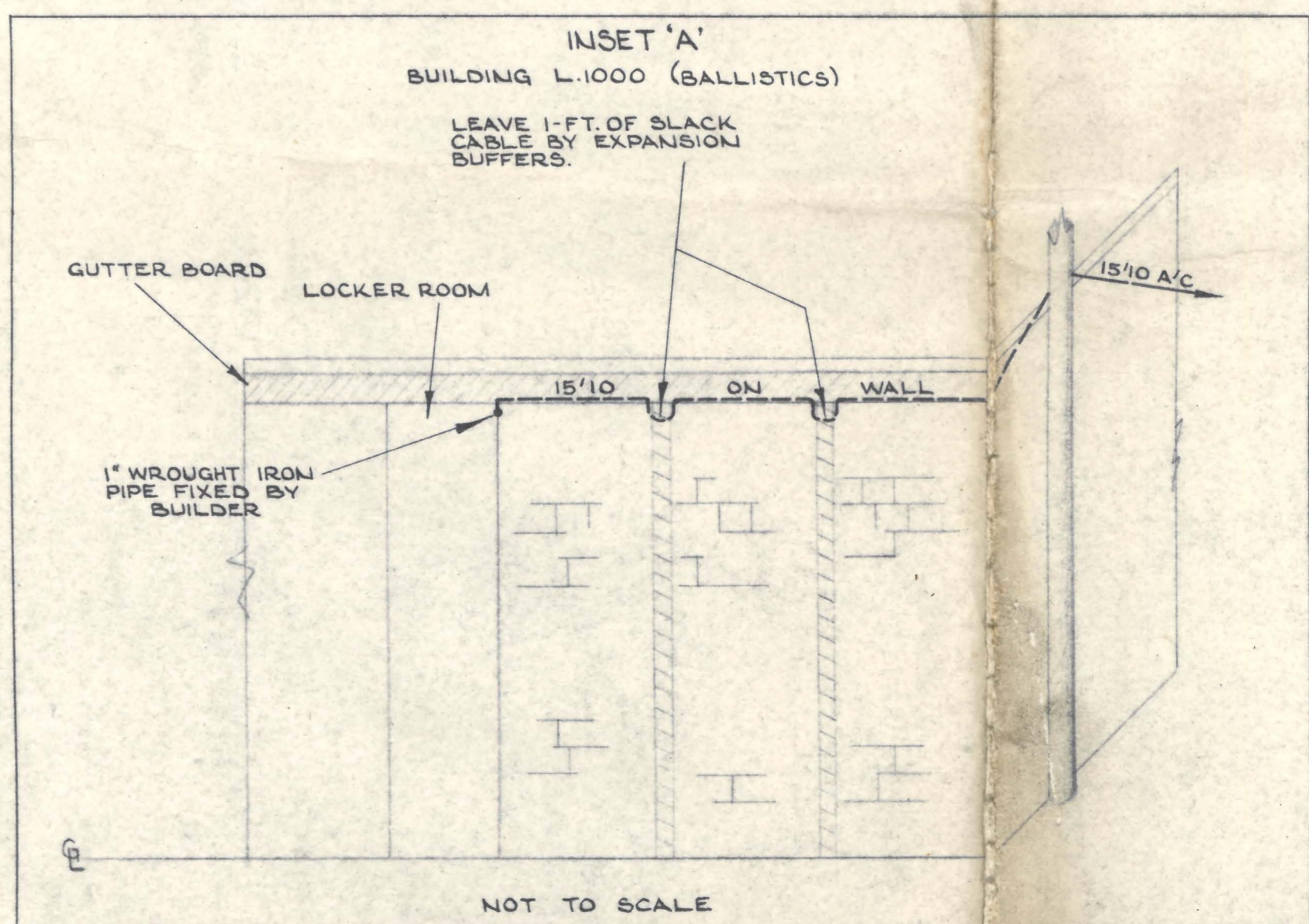
SCALE :- O.M. REF.

LT/N/E 1787

SEE ALSO LT/N.E.1751



NOTE: PART ENLARGED FROM LT/NE.1751 SHT.2 TO SCALE 1/500



AMENDMENT	INITIALS	DATE	SUFFIX
POST OFFICE TELEPHONES	L.T.	REGION	NORTH
		AREA	
DRN	CKD.	APPD.	DATE
TCD.	R.C.S.		22.1.58
WALTHAM CROSS EXCH.			
E.R.D.E. WALTHAM ABBEY			
REARRANGEMENT OF PLANT			
NORTH SITE			
D.R.N. 1752			
CL. 2103/7	ERR. 362		
SCALE -	O.M. REF.		
NOT TO SCALE			

LONDON TELECOMMUNICATIONS REGION
REGIONAL INSTRUCTION

No. E 13/53

Engineering Branch.
26th May, 1953

Last R.I. in E series

To:-

Branches
Telephone Managers

No. E 12/53

No. E 12/53

THE ECONOMIC USE OF 2-MAN PARTIES ON INSTALLATION WORK

1. It has recently been decided to increase the number of 2-man parties engaged on Installation Work in the L.T.R. The purpose of this instruction is to ensure that the type of work undertaken by 2-man parties shall be uniform throughout the Region.
2. Engineering Instructions, General Organisation D 0071, details the work which is within the scope of 2-man parties and the appropriate Paragraph 9 is reprinted below:-

"Two-man parties can successfully operate in areas where work does not usually involve the erection of poles, over-house work, fittings on tall buildings, or crossings over busy thoroughfares, on which work it would be necessary to employ more men in order to observe the necessary safety measures. An ideal condition for the employment of two-man parties is an area fully equipped with DPs and in which the Advice Note work consists mainly of one or two spans to reach the premises. Both workmen should be skilled and able to carry out external and internal construction work, the latter being confined to direct exchange lines and the simpler plan number extensions."

3. In the L.T.R. work within the competence of 2-man overhead parties will be defined as follows:-

3.1 All Advice Note work requiring not more than two spans of wire to reach the premises, where no additional poles are required, and road crossings restricted to those defined in 3.2.

3.2 The erection of a single pair of wires across residential roads where the incidence of traffic is light and is, in general, confined to tradesmen and private vehicles serving the local houses e.g. cul-de-sacs, crescents and roads not forming a well-known short cut for motor vehicles.

3.3 Work on buildings will be restricted to work within the reach of Ladder Extension No. 1 (25 feet maximum extended height).

3.4 Work on sloping roofs would not normally be within the capacity of a 2-man party.

4. Where wires are erected across a road, the work will be carried out strictly in accordance with the method outlined in Diagram LM 541 (Appendix A). Telephone Managers should ensure that all 2-man parties are equipped with the necessary road caution signs.

5. Where work is outside the competence of 2-man parties, such work will be given to 3 or 4-man parties as appropriate. It is not permissible to combine 2-man parties in order to undertake work of this type.

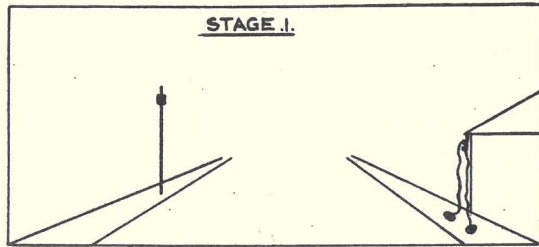
6. If any doubt is felt that a particular job would involve danger to Post Office staff or to the public if undertaken by a 2-man party, such work should be allocated to 3 or 4-man parties.

7. A duty copy of this Instruction should be given to each Dispatch Officer, Routing Officer, Survey Officer, and 2-man party.

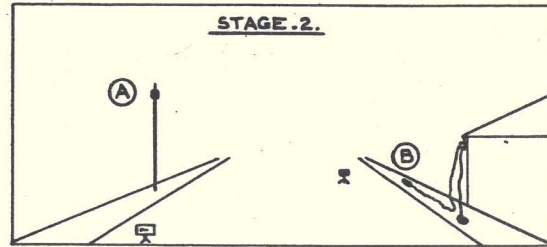
E(C&E)2
CITY 2000/7250

W. S. PROCTER
CHIEF REGIONAL ENGINEER

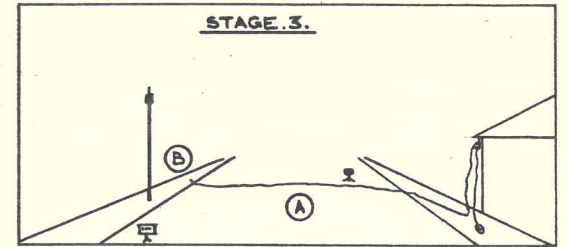
METHOD FOR ERECTION OF BRANCH WIRES ACROSS ROAD USING 2-MAN PARTY.



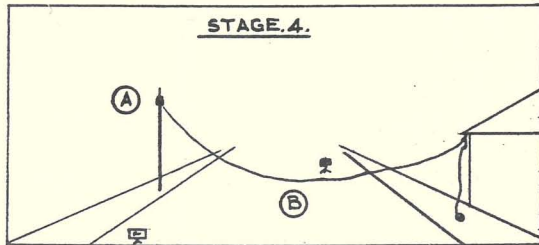
Both wires terminated at subs premises.



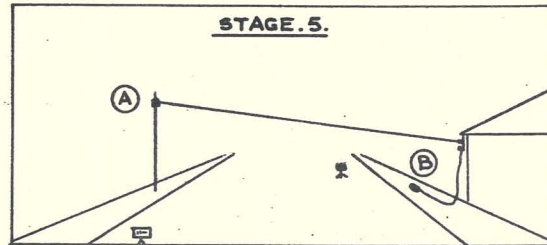
(A) Fixing spindle and insulators
(B) Sets out road caution signs.
Takes first wire to point opp. D.P.



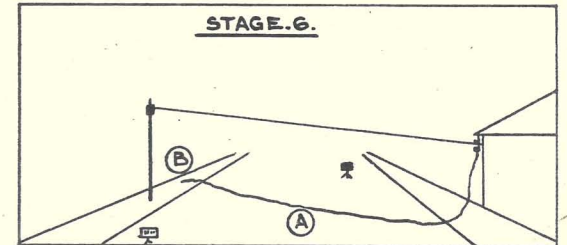
(A) Traffic control.
(B) Crosses with wire and attaches coil to sash line.



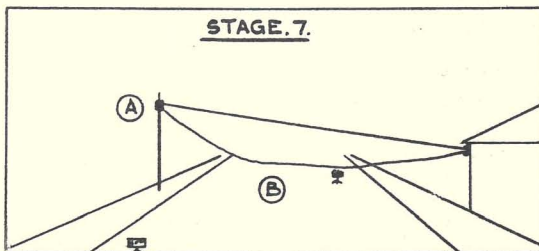
(B) Traffic control.
(A) Pulls up wire.



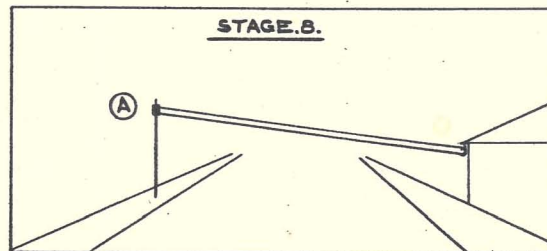
(A) "Makes off" first wire.
(B) Takes second wire to point opposite D.P.



(A) Traffic control.
(B) Crosses with second wire, attaches it to sash line.



(A) Pulls up wire
(B) Traffic control.



(A) "Makes off" second wire.
(B) Removes road signs and resumes fitting.

NOTE :-

The road caution signs should be specially designed to indicate clearly that obstruction exists.
e.g...

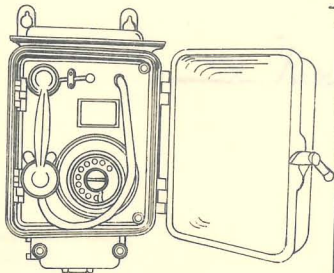


C. B. & AUTO

I. 3.62 G
19-11 56 F
24-B-54 E

NOTES REVISED,
REDRAWN, NOTES REVISED.
ISOLATING SW. CONNS. ALTERED.

W



TELEPHONE No. 149

FLAMEPROOF AND WEATHERPROOF WALL TYPE TELEPHONE FOR USE IN GROUPS II & III SITUATIONS. E. I. TELES. STNS. Z3013 REFERS, FOR USE IN AUTO AND C.B. AREAS.

WIRING DIAGRAM

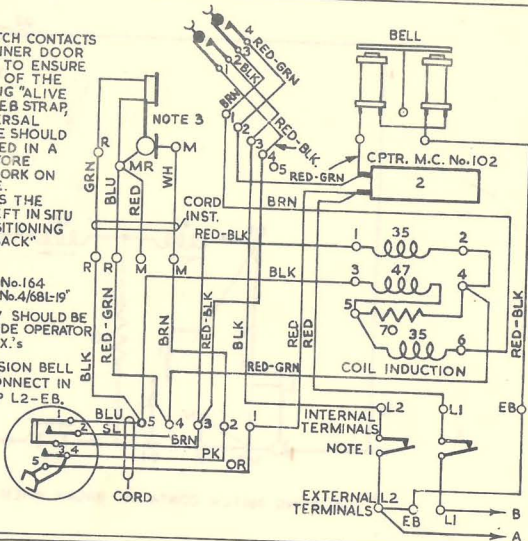
N249
2 PANELS-1
26-11-40
SUPERSEDES FOR
NEW WORK
N227 & N229

TELEPHONE No. 149

NOTES:-

- ISOLATING SWITCH CONTACTS BREAK WHEN INNER DOOR IS OPENED, BUT TO ENSURE NO POSSIBILITY OF THE TELE. REMAINING "ALIVE TO EARTH" VIA EB STRAP, SHOULD A REVERSAL OCCUR, THE LINE SHOULD BE DISCONNECTED IN A SAFE AREA BEFORE COMMENCING WORK ON THE TELEPHONE.
- ON C.B. SYSTEMS THE DIAL WILL BE LEFT IN SITU & LOCKED BY REPOSITIONING SCREW IN "FLY-BACK" MECHANISM.
- MODIFIED TELE. No.164 WITH CORD INST.No.4/68L-19"
- PRESS BUTTON V SHOULD BE FITTED TO PROVIDE OPERATOR RECALL ON P.B.X.'s
- WHEN AN EXTENSION BELL IS REQUIRED, CONNECT IN PLACE OF STRAP L2-EB.

DIAL AUTO
No. 26 LA
NOTE 2

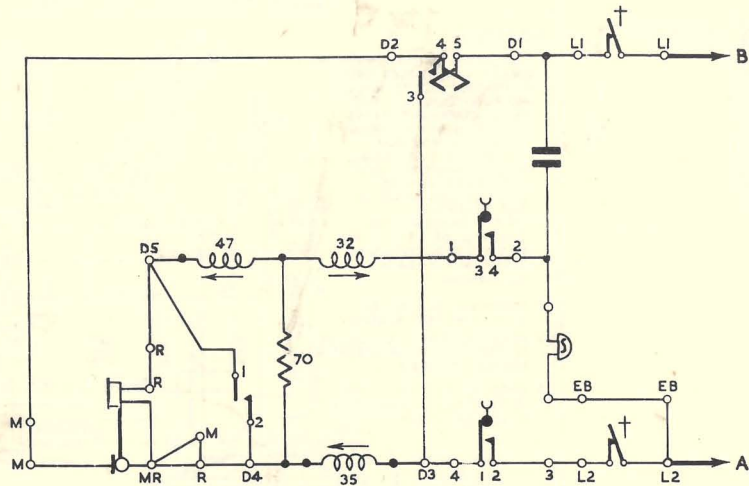


3 1/4"

LABEL DIAGRAM TO BE DIMENSIONS GIVEN 4"

N 249
2- PANELS-2

EXPLANATORY



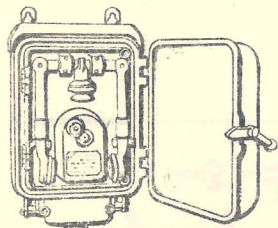
† ISOLATING SWITCH CONTACTS. BREAK WHEN INNER DOOR IS OPENED.

CIRCULATION.

C.B.S 2&3
AND
MAGNETO

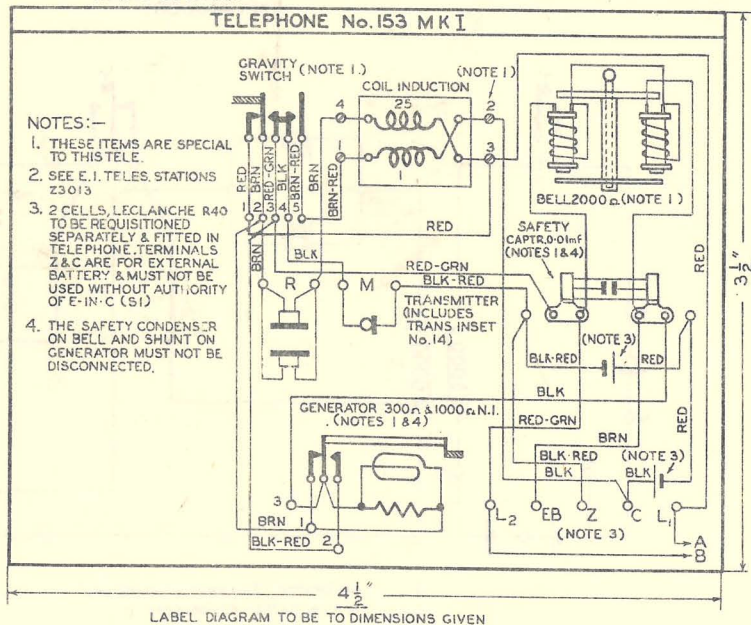
TELEPHONE No. 153 MK I

N 253

FLAMEPROOF & WEATHERPROOF TELEPHONE... TYPE CERTIFIED BY THE MINES DEPT.
MAGNETO SYSTEM
WIRING DIAGRAM4 PANELS-1
17-2-41MK I ADDED TO PANELS 3&4
RECEIVERS WERE 20 IN EACH

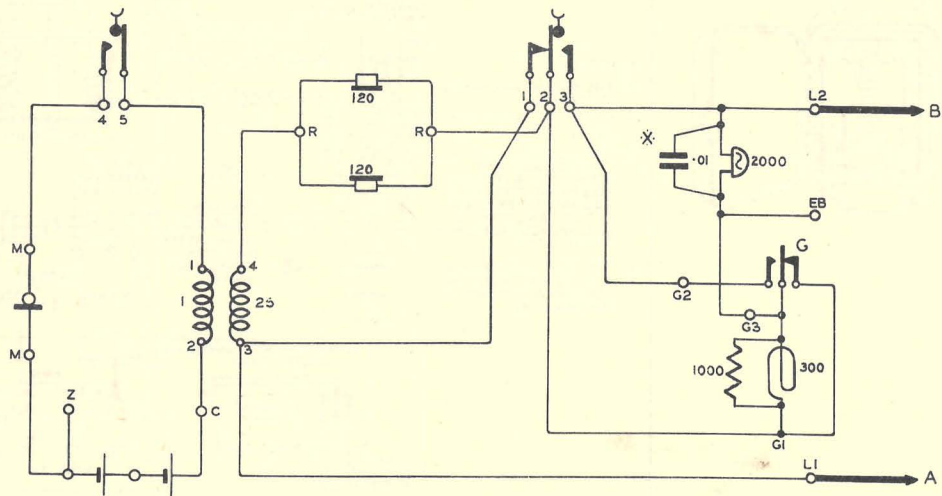
AMENDMENT.

W



N 253
4 PANELS-2

EXPLANATORY



G.....GENERATOR TERMINALS & SPRING SET
X.....SPECIAL SAFETY CONDENSER

STOLEN FROM ASHBY

CB & AUTO SYSTEMS
EXTENSION PLAN IA

N4340
2 PANELS-1
17-3-47

ON EXCHANGE LINE OF EXTENSION PLAN 7 (BELL-SET No.39A OR No.44)
USING TELEPHONE No.328...OR No.1/232...WITH BELL-SET No.26

NOTES-

GENERAL.

1. ONLY ONE PLAN IA EXTENSION MAY BE FITTED.
2. THE DIAGRAM SHOWS A PLAN IA EXTENSION ON THE EXCHANGE LINE OF A PLAN 7, THE EXCHANGE LINE IS TAKEN VIA THE PLAN IA EXTENSION TO THE MAIN OF THE PLAN 7.

PLAN 7 MAIN.

3. FOR PLAN 7 CONNEXIONS REFERENCE SHOULD BE MADE TO DGM.N 4310, WITH THE EXCEPTION THAT STRAP BT1-BT2 SHOULD BE REMOVED.
4. IF AN EXTENSION BELL IS REQUIRED TRANSFER ORANGE WIRE FROM BT2 TO SPARE TERMINAL, CONNECT BELL No.64... BETWEEN BT2 & SPARE TERMINAL. SPARE TERMINAL TO BE BT12 WITH INTERNAL PLAN 7 & BT8 WITH EXTERNAL PLAN 7.

PLAN IA EXTENSION.

5. WHEN USING TELE. No.328...FIT CORD, INST. No. 4/57B & BLOCK, TERML. No.20/8. REMOVE STRAP T11-T12 & CONNECT STRAPS T1-T2 & BT4-BT7. FIT KEY No.304A WITH LATCHPLATE AS SHOWN IN N 4301 FIG.6. FIT LABEL No.252C.
6. WHEN A SEPARATE BELL-SET IS REQUIRED FIT TELE. No.1/232... & BELL-SET No.26. CHANGE CORD, INST. No.3/62B FOR CORD, INST. No.4/57B: FIT BLOCK TERML. No.20/8 & SWITCH TUMBLER No.1M & CONNECT LATTER BETWEEN BT3-BT4, CONNECT STRAPS BT1-BT3, & BT4-BT7. DISCONNECT STRAP BETWEEN B2-B3 IN BELL-SET No.26.
7. FOR AUTO. WORKING USE APPROPRIATE TELE. E.G. TELE. No.1/332F.
8. IF AN EXTENSION BELL IS REQUIRED CONNECT BELL No.64... IN PLACE OF STRAP BT4-BT7. USE CABLE 1PR/10 OR 12 1/2 & CONNECT TO BELL TERMINALS 1 & 4 WITH 2 & 3 STRAPPED.

NOTE :- ON INSTALLATIONS TO THE ORIGINAL ISSUE OF THIS DIAGRAM A CORD, INST. 5/14B WAS FITTED TO THE TELEPHONE No.328... AND T1-T2 WERE NOT STRAPPED.

CIRCULATION
CB & AUTO
C
3.2.58
12.10.55
16.6.53
NOTE 3 AMENDED TITLE & NOTE 4 AMENDED. REDRAWN, WAS 5 PANELS, BELL CONNECTION AT PLAN IA EXTN. AMENDED.
PAPER
W

N4340

2 PANELS-2

