

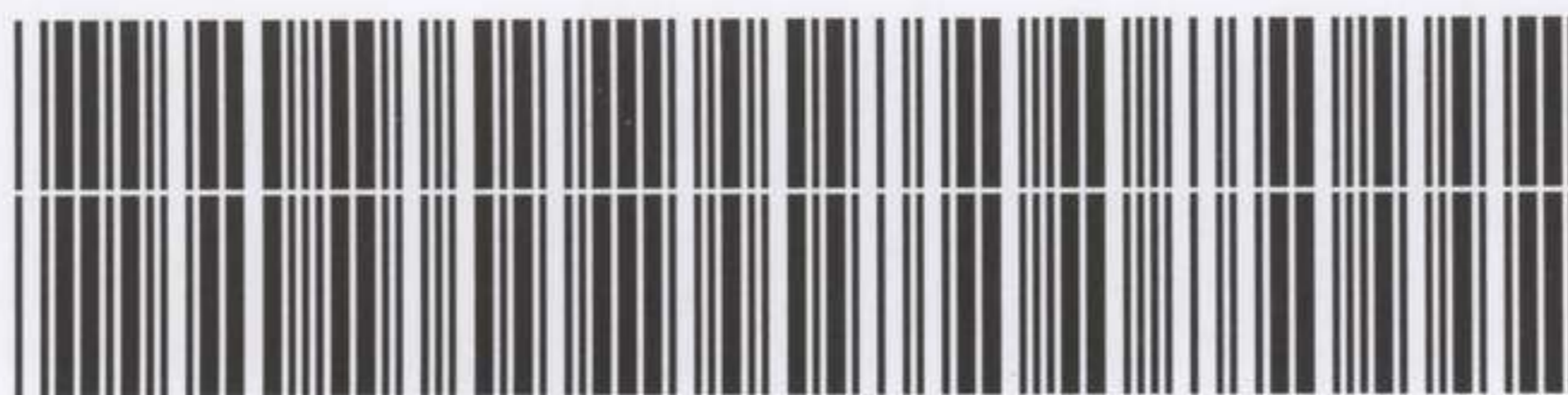
AWM4
Australian Imperial Force unit war diaries,
1914-18 War

Engineers

Item number: 14/33/31

Title: 14th Field Company, Australian
Engineers

September 1918



AWM4-14/33/31

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~~TRIPLICATE.~~

252

Australian Imperial Force.

WAR DIARY

OF

14TH FIELD COY. A.E.

FOR

SEPTEMBER 1918

Signature of Officer compiling J. Coakley Major.

Signature of Officer Commanding J. Coakley Major.

WAR DIARY

Army Form C. 2118.

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OR
INTELLIGENCE SUMMARY.

14th Field Co. A.E.

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Sheet 1. Original

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV	1918 Aug 30		<p align="center">— War Diary for Month September 1918. —</p> <p>Included in this month's diary are the preparations for the attack extending over 30th & 31st August 1918 in order to set out ^{as} more clearly as possible the exact sequence of events coincidental with the attack on an PERONNE on 1st September. The preparations were ordered at extremely short notice and the change at the last moment of the direction of the attack by 14th Aust. Infy Bgde. threw a tremendous burden on this Company and therefore these works are further described in brief outline leading up to the attack on 1st Sept.</p>	
Preparations for attack on PERONNE Coy HQ Sheet 62c				
H. 34. d. 7. 5.				
	Aug 30		<p>Preparations for attack:— Coy moved from South of BELLOY (sheet 62c N28C52) to H34d75 east of FLAUCOURT. except No 4 section still remaining detached as Pontoon Bridging Detachment. Lieut BURROWS 'mc'G. was detailed by CRE to supervise loading of bridging material at FLAUCOURT. This included numbers of cork floats - collapsible boats & superstructure etc.</p> <p>O.C. 15th Field Coy by Authority of CRE obtained the services of Lieut A.B. LITTLE and No 3 section for bridging the SOMME the Canal and swamps.</p>	

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WAR DIARY

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14th F. Coy.

INTELLIGENCE SUMMARY.

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Sheet 2. Original

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV Preparations for a attack on PERONNE Coy HQ 511620	1918 Aug 30		swamp south of PERONNE. Thus only a very depleted Company was available for duty. Message from ERE received advising cancellation of attack but preparations were still to go on with all haste for footbridges to assist infantry patrols to cross canal	APPENDIX 1.
H 34 d. 75.	Aug 31	11.30	T/Capt R.A. Holmes (acting of Coy) reported at 11.30 am 31 st to GOC 14 th Infy Bgde. at Quarry H 11a and was informed that Brigade was to move north of SOMME R. at CLERY and attack PERONNE from NORTH-West through 2 nd Aust Div'n Area vide Engineer Instructions appended by which 14 th F. Coy were held responsible for assisting attacking infantry to cross the moat into PERONNE and also the R. COLOGNE on the NORTH-Eastern outskirts of PERONNE, as no information was available relating to these waterways the problem of establishing a crossing was extremely hazardous particularly as the advance towards PERONNE was exposed to the enemy and under fire. 14 th Bgde Conference was held at 2 pm near CLERY (H 17 C 55) - The	APPENDIX 2

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INTELLIGENCE SUMMARY.

14th F. Coy. A.E.

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Sheet No 3. ORIGINAL

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV Preparations for a Hack on PERONNE Coy AR 62e 434d75.	1918 31 st Aug	3 p.m.	The sappers were already moving forward at this time with no definite orders. The orders for the battle were handed to the officers "en route" at 3 p.m. Tools were carried on pack animals to this point and from here forward were all carried by the sappers. Captain HOLMES' order is appended also map showing field of operations, position of moat and COLOGNE River. At this time the enemy were in PERONNE and holding the high ground of M ^t ST. QUENTIN immediately to the North-East of the town. Appended are Capt Holmes' Reports on the operations.	APPENDIX 3 APPENDIX 4 APPENDIX 5 & 6.
	1 st Sept		The duties performed by the Company are clearly set out in the attached reports on work of 1 st Sept. by section officers LIEUT LITTLER, BURROWS and SHAW, Appendix 7. By these it will be seen what difficulties were encountered. The river COLOGNE was not bridged as it was neither crossed nor captured during the first stages of the attack. The crossing of the moat at PERONNE however and other four bridges as shown on map (Appendix No) were repaired. These had been blown by the enemy. Types of enemy foot bridges are appended and the	APPENDIX 7 APPENDIX 8

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INTELLIGENCE SUMMARY.

14th F Coy. A.E.

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Sheet 4. Original

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase II Attack +	1918 Sept 1 st		early repair of these bridges was of utmost value to the infantry and stretcher bearers.	
capture of PERONNE	2 nd		The SOMMER crossings were further improved as set out in Lt LITTLE'S further report of 2 nd Sept. The total lengths of foot bridge repaired on 1 st & 2 nd of September were as follows:-	
Coy HQ 5H162			<p>Bridge No 1 } 40 yards gap bridged with light trestles and planks running loc: - I25602 } longitudinally, 3ft wide, also one gap 5 yards on canal similar type.</p> <p>Bridge No 2 } 40 yards gaps repaired over swamps similar to No 1 also 20 yards loc: - I26050 } one canal bridged with logs 12 inches diam. decked with duckwalks.</p> <p>Bridge No 3 } Repairs to eight gaps totalling 80 yards of light trestle type loc I32651 } bridge as in No 1 over swamps and gap 6 yards over canal.</p> <p>Inundating gap cut in bank at I32999 was also blocked dimension 3 yards long 2 yards wide and 1'6" under water.</p> <p>One Coy of 5th Pioneers were held in readiness to assist the Company but were not called upon until after the capture of PERONNE</p>	
H34 d 75				

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14th F Coy A/E

INTELLIGENCE SUMMARY.

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Sheet No 5. Original 252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase III Capture of PERONNE + Bridging crossings	1918 2 nd Sept		In carefully revising the work done by the company during this attack on PERONNE and after inspecting the site of the bridge I feel it my duty to place on record my appreciation of a very great performance. Our casualties were heavy - but not relatively to the importance of the operation.	
Coy HQ 62e H 34d 75	3 rd Sept.		CRE's Instruction No 40 (appended) were received, for Coy to reassemble east of FLAUCOURT and bivouac for the night, No 4 Section still being detached as Pontoon Detachment.	APPENDIX 9
	4 th Sept.		CRE's Instructions (appended), disbanding bridging detachment and No 4 section rejoined unit - No 2 Section constructed two huts for GOC 14 th AIBgde at north of FLAUCOURT with Cupola and Corrod Iron (salved)	APPENDIX 10
	5 th Sept		No 2 section completed hutting, Coy Transport shifted all water supply stores for CRE from H 36c to N.4.c. (DIV RE Dump) No 3 section cyclists reconnected sites for horse troughs on west bank of canal. Telephone instructions received from CRE to move with Brigade group. Brigade Orders for move appended.	APPENDIX 11 5 JL

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INTELLIGENCE SUMMARY.

14th F Coy HE

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Sheet No 6. Original

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV Bridging SOMME for traffic of pursuit. Ref Sheet 62c Coy HQ @ 8.15.18	1918 Sept 5	6 ^M	<p>Lieut BURROWS reconnoitred bridge site in vicinity of FTERPIGNY.</p> <p>Coy moved to LAMIRE FARM on bank of canal and bivouaced in Quays at 0805Z. C.R.E.'s Instruction No ⁴⁴⁺ 45 detailed this company to reconstruct bridge at LAMIRE FARM.</p> <p>Coy commenced work at 5am with rebuilding bridge at LAMIRE FARM across canal and swamps, length of bridge 530 yards for Horse Transport, leading to LIE MESNIL. Brief description of work on bridge at LAMIRE FARM is as follows:-</p> <p>Partly constructed of piles and partly of sub piers several gaps blown in by enemy. Total length of bridge 1600' width of roadway 10'. Total gaps blown 500'. Of this 360' were reconstructed with piles and crib work and the remaining 140' with pontoon equipment belonging to 8th, 14th and 15th Field Coys together with a further two pontoons supplied by the Chief Engineer, totalling eight pontoons and superstructure, in addition 1100' of minor repairs to decking and handrails were necessary.</p>	APPENDIX 12

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INTELLIGENCE SUMMARY.

14th F Coy. A.E.

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Sheet No 7. Original

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV Bridges over SOMME canal & marsh	1918 Sep 16		A detachment of 1 N.C.O. 6 men were detailed to maintain bridge at BRIE but were recalled the following day.	
Ref Sht 620 Coy HQ O 14 d 34	7 th		Coy moved to ETERPIGNY. less No 3 Section which remained at LAMIRE FARM. bridge and completed same by 4 pm when bridge was opened for H.T. handrails were completed by 8 pm. Time taken three sections working 32 hours. — Company Camp at ETERPIGNY was commenced.	
ETERPIGNY	8 th		No 2 section detailed for maintenance of LAMIRE FARM bridge working three shifts - and balance of Coy began work on Bridge at ETERPIGNY over SOMME canal and marshes - O 28 a 26 to O 21 b 05. This bridge was built by the enemy on the site of old French bridge and a portion of the old French structure was still in service. The enemy however had not designed his bridge for motor traffic, but was content to put in a badly designed bridge for horse transport. For though the materials used were of ample strength - the distribution of road bearings and	

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WAR DIARY

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INTELLIGENCE SUMMARY.

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Sheet No 8 Original

14th F Coy A E

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase II Bridges over SOMME at ETERPIGNY	9/18 Sept 18		<p>and also his crib work was bad. This bridge was a combination of piles + crib piers with a roadway originally 12' wide.</p> <p>The 15th Field Coy A E were detailed to reconstruct the bridge from the eastern end and the 14th Field Coy A E from the western end the 15th Field Coy being responsible. A bosche pile driver was salvaged from HALLE and put into immediate commission.</p> <p>The first job undertaken was clearing away wreckage due to enemy demolitions. One Coy of 5th Pioneers assisted for three days.</p> <p>By this time front line had been pushed forward towards HINDENBURG line and the neighbourhood of PERONNE was comparatively quiet except for night bombing by Gothas.</p>	
Sht 62c 014034			<p>No 3 Section moved camp to Coy at ETERPIGNY.</p>	
	9 th		<p>CRE instruction No 46 received together with Ametable of reliefs by 4th of 5th Division which laid down that 14th Field Coy would remain on present work and not be relieved.</p>	APPENDIX B
			<p>Capt Holmes' report showing roads + Approaches to Bridges is appended</p>	APPENDIX A

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14 F. Co. A.E.

INTELLIGENCE SUMMARY.

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Sheet No 9. Original

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase II Bridging SOMME	1918 Sept 9 th	A	Works report 9 th attached showing work done by the Coy. Major J COGHLAN MC rejoined unit from leave. OC 14 th Field Coy took over responsibility for bridge construction.	APPENDIX 18
a1 ETERRIGNY	10 th		Work continued as on 9 th inst see works report appended.	APPENDIX 16
b2c. Dinclsh	11 th		Work continued as on 10 th . see works report appended.	APPENDIX 17
	10 th		Lieut GREENS report on ETERRIGNY BRIDGE showing calculations & strength of structure attached.	APPENDIX 18
			Drawing put in hand showing side elevation of piers The sections of bridge undergoing construction are marked on drawing. Total length of Bridge 521 yds Total length reconstructed 390'. Number of boys in bridge 114.	APPENDIX 19
			Company relieved of maintenance LAMIRE FARM bridge.	X
	12		By verbal arrangement with CRE bridge was further strengthened to take motor traffic; i.e. for 6 ton axle load and 6" x 6" wheel-guides were set allowing 9'6" width of roadway. Road bearings were spaced to suit the load and a footway put in hand on either	

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INTELLIGENCE SUMMARY.

14th F. Coy. A/B

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Sheet 10, Original

252

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase IV Bridging	1918 Sept.		side outside wheel guides and new hand rails constructed also each bay numbered for reference as shown on drawing. Four pile drivers were used during reconstruction. See works report.	APPENDIX 20
SOMME at ETERPIENT	12 th		Work proceeded as on 12 th as set out in appendix 21	APPENDIX 21
62c 014034	13 th		Work proceeded as on 13 th as set out in appendix 22	APPENDIX 22
			Weekly progress report appended showing bridge completed for traffic but still much detail to be done and strengthening of existing bays still in progress	APPENDIX 23
	week ending 21 st		Work proceeded as in previous week as set out in appendix during which the bridge was tested with live load test - 6 ton axle load. This test though OK revealed two or three weak piers of enemy construction and these were taken in hand at once & new piles driven	APPENDIX 24
	week ending 22 nd		Work proceeded with as previous week, weekly report appended and piers were strengthened where necessary. A large bit store was rebuilt for 14 th A/B Brigade. All cork floats in vicinity of canal	APPENDIX 25

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INTELLIGENCE SUMMARY.

14th F. Coy A.E. (Erase heading not required.)

Sheet 11 Original

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase II	1918 Sept		were salvaged and dumped for C.E. at ETTERPIGNY.	
Bridging SOMME at ETTERPIGNY. 62: 014434	25 th		On 25 th Coy Pontoon Equipment which had been supplied in replacement of that used at LAMIRE FARM bridge, was dumped at 5 th Divn I RE dump near LE MIESNIL at P29C97 and one sapper per Company posted on guard in accordance with CRE instruction of 24 th inst appended	APPENDIX 26
			Base kits and Lewis guns were also dumped mine preparatory to move forward. During week junior officers of 14 th AIBrigade were instructed by Coy officers in map reading, prismatic compass & locating. This occupied four days. A Company training programme was also arranged by which one half of company was training whilst the remainder improved the bridge at ETTERPIGNY. Programme appended	APPENDIX 27
	26 th		No 4 Section was sent in advance of Coy to HERVILLY to remove sheds and provide accommodation for Brigade Headqrs. and await arrival of remainder of coy. OC Coy made arrangements with OC Tanks as set out in CRE memo by which nine sappers were detailed to act as mine sweepers	APPENDIX 28

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or INTELLIGENCE SUMMARY.

14th Field Coy E (Erase heading not required.)

Sheet 12. Original

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase V Preparation attack to break the HINDENBURG LINE.	1918 Sept		ahead of nine Battle Tanks and to conduct tanks as far forward as GREEN LINE (Final American objective) shown on map. The American final objective being the J.O.T. for Australian Corps. In these operations the 14 th Bgde. were in reserve. C R E Instruction No 47, and map setting forth nature of attack and objectives are appended (see Appendix 29 above)	APPENDIX 29
Ref SH 62840 Coy HQ HERVILLY.	26 th		C R E Instruction No 48 ^{and 48a} shows the duties of the Field Coys. which were similar to those of 8 th Aug at VILLERS-BRETTONEUX in which this company took part affiliated with the 15 th Brigade	APPENDIX 30 APPENDIX APPENDIX 31 y 31a
	27 th		Company moved into bivouac at HERVILLY complete with transport on 27 th under Brigade arrangements	
	28 th		Brigade conference held at 6 p.m. - 14 th Field Coy Engineer Order No 3 appended shows duties of Coy on Z day. Reserve Brigade group to proceed forward to Battle Zone by way of BLACK ROAD (see map APPENDIX 29)	APPENDIX 32
Z day.	29 th		Date of attack on Hindenburg Line fixed for :- Zero hour 5:50 am 29 th	APPENDIX 33

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~~INTELLIGENCE SUMMARY.~~

14th F. Co. AE

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Sheet 13. Original

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Phase V TrAHack on HINDENBURG LINE:- Ref Sheets 628 & c 440000 Coy H.R. HERVILLY.	29 th Sept.		<p>Americans not being able to penetrate to final objectives, held up our troops, consequently 14th F. Coy, was unable to reach its reconnoitring area on this day. Forward sections were therefore held in readiness at L166.57 in a small sunken road. O.C. Coy. remained at Bgde HQ throughout the day. This Coy supplied relays of runners between C.R.E forward report centre, and Divisional HQ. C.R.E Report centre, as prearranged, was established at G10683, where a small deep dug out was utilized for runners, but as no reconnoitring was possible forward of BELLICOURT, very little use was made of it.</p>	
Coy HQ (62c) L16.6.57.	30 th		<p>Coy HQrs established at L16657 and reconnoitring begun in captured area, all reports re same being included in diary for Oct. The disposition of Coy on this day was Coy HQ and 3 sections at L16657, horse lines and rear HQ at HERVILLY.</p> <p>During the month under review the following changes in personnel are placed on record:- The remaining 1914 men of this</p>	

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14th Coy

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Summary Sept. 18			<p>unit were hastily warned and despatched on furlough to Australia, the event causing intense satisfaction to all ranks.</p> <p>On 14th September, No 121 Sgt Griggs, No 22 2nd Cpl Gough, No 198 Sap LOUIS J. M.</p> <p>On 23rd " Sap Hindle F.</p> <p>On 12th unit Lt BURROWS MC" was detached for six months duty as Engineer Officer to Corps Heavy Artillery, his place being filled pro tem by Lieut L. GRANT from 4th Divn I Engrs</p> <p>On 13th unit Lt MACDOUGALL DQ (graduate from RMA DUNTRON) was taken on Coy's strength from reinforcements.</p> <p>On 23rd unit CSM BARNES was transferred to CRE 5th DIV to fill the vacancy existing for W. officer.</p> <p>During the month the following awards were also announced.</p> <p>Lt BURROWS & MC" - bar to MC. - for the operations on 8th Aug in which, whilst with 8th Field Coy, he captured and brought in a Railway Gun - a great achievement.</p> <p>Lt LITLER AB - Military Cross and No 4011 Sgt B. R. MILLER - D.C.M. were</p>	

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WAR DIARY

OF

14th FIELD COMPANY AUSTRALIAN ENGINEERS

FOR

SEPTEMBER 1918

ORIGINAL

LIST OF APPENDICES.

No.	Subject.
✓ 1	C.R.E.'s Message 30; 8; 18
✓ 2	C.R.E.'s Instructions for attack on PERONNE
✓ 3	14th F. Company Battle Instructions
✓ 4	Map 1/40,000 Showing Operation before PERONNE
✓ 5	Preliminary Report on Operations before PERONNE
✓ 6	Detailed " " " " " "
✓ 7	Section Officers " " " "
✓ 8	Types of Enemy Footbridges used " "
✓ 9	Engineer Instructions No 40
✓ 10	" " " 43
✓ 11	14th Brigade Order Move
✓ 12	Engineer Instructions No 44 & 45
✓ 13	" " NO 46
✓ 14	Capt; HOLME'SS Report on Bridge Approaches
✓ 15	Works report 9th Sept 1918
✓ 16	" " 10 th " "
✓ 17	" " 11th " "
✓ 18	Lieut GREEN's Report on Strength of Bridge
✓ 19	Drawing, Side Elevation, Bridge at ETERPIGNY
✓ 20	Works Report, 12th Sept. 1918
✓ 21	" " 13th " "
✓ 22	" " 14th " "
✓ 23	Weekly Progress of Work Report
✓ 24	" Works Report to 21st Sept 1918
✓ 25	" " " 28th " "
✓ 26	C.R.E.'s Memo re Pontoon Equipment
✓ 27	Training Programme Wk. to 28:9:18
✓ 28	Memo arranging liason with Tanks
✓ 29	Map 1/20,000 of Jt. Attack of Hindenburg Line
✓ 30	Engineer Instructions No 47
✓ 31	" " " 48
32a	" " " 48a
✓ 32	14th Field Coy Order No 3
✓ 33	Q.M.S.'s List of Receipts and Returns for month
✓ 34	Monthly Sick Return and Medical Report
✓ 35	Graph showing strength of unit for Month

J. Logie Major

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Copy of Message from C.R.E.

After orders (my own pencilled ones) had gone out to you by Motor Cyclist the G.O.C. arrived back and said everything was off so far as a deliberate attack in force is concerned until further order

I got this information at about 8.30 p.m. so it was quite impossible to stop wagons or Pioneers reporting. However G.O.C. Division stated that the Brigade was to carry on with vigorous Patrol work and would require footbridges so perhaps the stuff will get near the river O.K.

I am rather anxious though unless you have been able to stop them about wagons even in the dark trying to get near the river.

Anxious to hear from you.

(Sgd.) L.F.S. Mather Lieut-Col. A.E.

C.R.E.

30/8/18.

10.15 p.m.

5th. Australian Division.

TO
O. C.

14th. Field Company A. E.

The 2nd. Division is now holding Mont St. Quentin Village and is trying to push on E.

The 14th. Brigade is following up the 2nd. Division and is going to endeavour to push S. E. through PERONNE and DOINGT to cut off and capture the high ground I. 35 and O. 5. You will move immediately with Brigade and make all arrangements re bridges required over the river COLOGNE in consultation with G. O. C. Brigade. These will be footbridges at first then F. Artillery bridges may be required. I do'nt think you will be able to have pontoons for some little time after the show is developed. There appear to be many trees along the COLOGNE and it is a small stream. You should send forward reconnoitring parties as forward as possible. There has been no NOTICE for this stunt so you will be entirely on your own initiative for some time. Keep in very close touch with your Brigade Headquarters

Inform me as early as possible any urgent requirements. I will be at FONTAINE-Les-CAPPY M. 9. d. 7; 1.

(Sgd) L. E. S. Mather Lieut-Col A. E.

C. R. E.

31/8/18.

9.40 a. m.

5th. Australian Division.

14TH. FIELD COMPANY ENGINEER ORDER

31/8/18.

252
In accordance with Divisional Engineer Orders of 31/8/18 AND verbal Orders of G.O.C. 14th. Brigade (Infantry).

The 14th. Field Company A.E. are to take part in operations commencing on 31/8/18.

Lieut. BURROWS commanding No. 1 Section will be attached to 56th. Battalion for technical advice and will render all possible assistance by bridging by any means any watercourses or swamps and make reconnaissance

Lieut. SHAW commanding No. 2 Section will be attached to 54th. Battalion to render similar assistance.

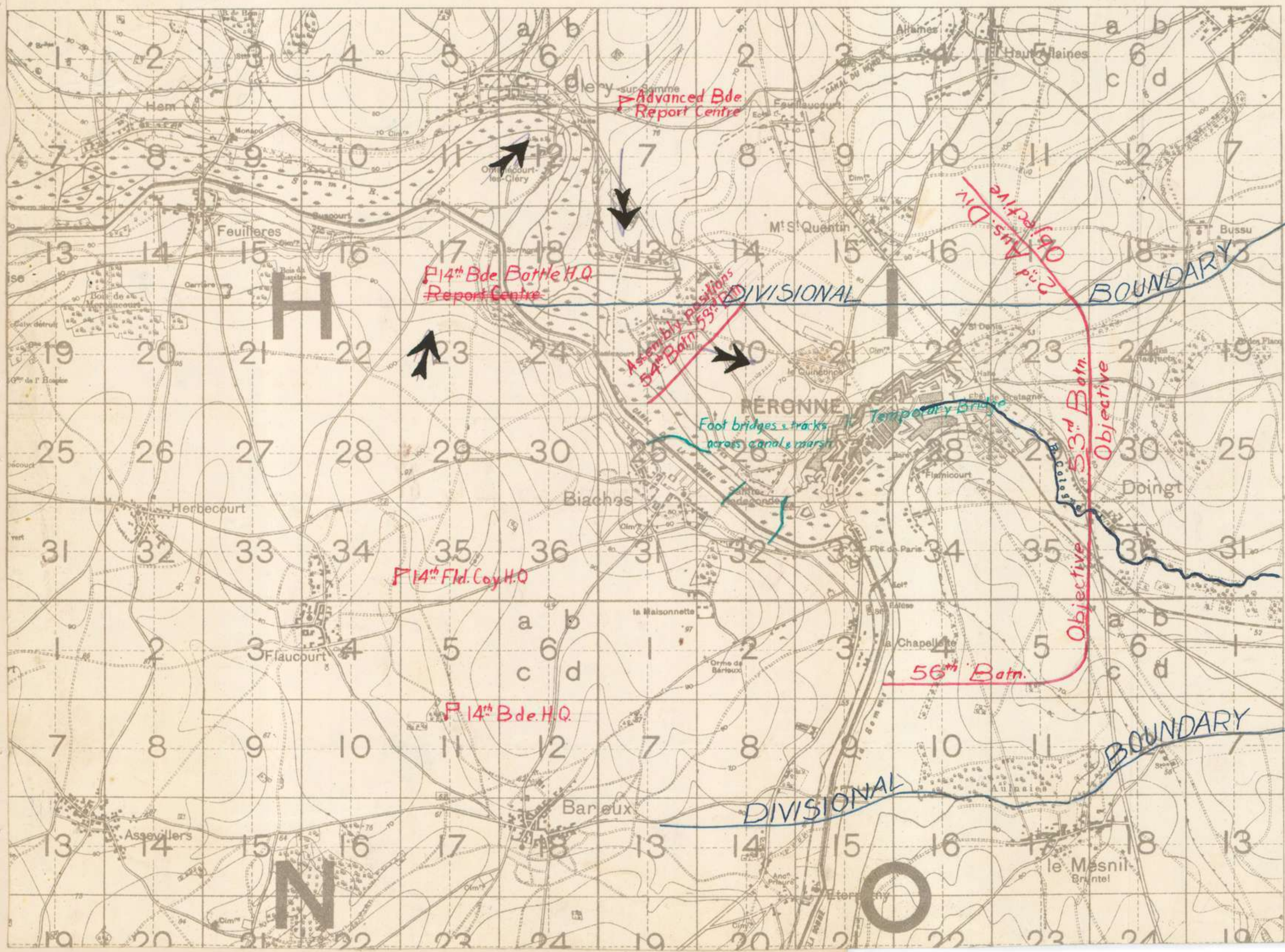
After the Infantry have got across all watercourses Section Officers and Sections will rejoin Company. Officers will be advised of meeting place.

(Sgd) R. A. HOIMES T/Capt.

31/8/18.

A/O.C. 14th. Field Company A.E.

Parts of 62° & 66°



14TH. FIELD COMPANY A. E.

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4/9/18.

ORIGINAL

APPENDIX No. 5

REPORT ON OPERATIONS FROM 30/8/18 TO 2/9/18 IN ATTACK ON PERONNE
WITH
ACCOMPANYING REFERENCE MAP Pt. 62c. 6 1/40,000.

PRELIMINARY MOVEMENTS :-

Early on morning of 30/8/18 5th. Australian Divisional Engineer Orders No. 39 were received and 14th. Field Company A. E., less No. 2 and No. 4 Sections moved at 10 am. from N. 28. c. 5. 2. to H. 34. d. 7. 5.

No. 2 Section which was engaged on erection of proposed Divisional headquarters at R. 30. c. 1. 7. ceased work and rejoined Unit at H. 34. d. 7. 5. No. 4 Section moved with Pontoon Bridging Detachment under Capt. CADDY and remained detached from this Unit.

At 8. 30 pm. on 30th, two Officers, one section of Sappers, and two 4 Horse Teams were detailed to assist 15th. Field Company in constructing Foot Bridges across the River SOMME and swamps on East side of canal in O. 9. and proceeded immediately under instructions from O. C. 15th. Field Company .

OPERATIONS :-

In accordance with Instructions from C. R. E. dated 31/8/18. (9. 40 am.) Nos. 1, 2 & 3 Sections moved in affiliation with 14th. Infantry Brigade to H. 17. d. Central at noon where Brigade Battle Headquarters was established in connection with the attack by 14th. Infantry Brigade on PERONNE at 6 am. 1st. September.

At conference of G. O. C. Brigade and Battalion Commanders held at 1. 30 pm. arrangements were made for two sections of 14th. Field Coy. to assist Infantry in crossing watercourses or other obstacles encountered in the attack and for reconnaissance duty .

Accordingly Nos. 1 and 2 Sections were detailed and attached to 56th. and 54th. Battalions respectively. These Sections moved forward between 4 and 5 pm. with Battalions to rendezvous in H. 12 and I. 7. During early hours of 1st. September 1918 Sections moved forward with Battalions to Assembly Positions in I. 19 and 20. north-west of PERONNE. A few minutes after ZERO HOUR (6 am.) Sections moved forward immediately in rear of second infantry waves and kept in touch with Commanders of Companies to which Sections had been attached by Battalion Commanders. The final objectives allotted to the attacking battalions were not reached and fighting continued during the day and following night. The Bridge over Moat at I. 27. b. 1. 7. was blown up by the enemy and No. 2 Section construc-

252 -ted a temporary bridge over the debris and made a passage suitable for stretcher-bearers. After the 54th. Battalion had got into PERONNE No. 2 Section returned to Brigade Battle Headquarters during afternoon of 1st. September and thence to Company Headquarters to rest and await further orders.

APPENDIX 5
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The 56th. Battalion whose objectives lay South-East of PERONNE and South of the River COLOGNE was unable to advance East or South of the town and therefore No. 1 Section was not called upon to do any bridging but valuable assistance was rendered during the day in reconnoitring the Moat and trench systems round North side of PERONNE. At 9 pm. that evening No. 1 SECTION left the Battalion at PERONNE and reported back to me at Brigade Battle Headquarters n. 17. d. Central.

These operations were hastily ordered and carried out over ground that had not been previously occupied by the 5th. Australian Division and no time was available for reconnaissance and preliminary work of any kind.

On 1st. and 2nd. instant reconnaissances were carried out by No 3 Section, and repairs to and construction of foot bridges across the canal and River Swamps. Three routes were established for foot traffic as indicated by firm GREEN Lines on accompanying Maps.

On the morning of 3rd. September the 14th. Brigade was relieved by 15th. Brigade and 14th. Field Company reassembled at Company Headquarters at n. 34. d. 7. 5.

R. Holmes T/Capt.

A/O.C. 14th. Field Company A.E.

4th Sept. 1918.

14TH. FIELD COMPANY A. E.
-----0000000000000000-----

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REPORT ON OPERATIONS OF 1ST. and 2nd. SEPTEMBER 1918.
with
ACCOMPANYING REFERENCE MAP Pt. 62c 1/40,000.

In connection with the recent operations by 14th. Infantry Brigade on 1st. and 2nd. September 1918. in which this Company took part the following are further particulars to those stated in my report to C.R.E dated 4th. September 1918.

A Copy of my Instructions to Officers in command of Nos. 1 and 2 Sections is attached. (see appendix 3)

No. 2 Section comprising One officer (Lieut. R. A. SHAW) and 22 Other Ranks attached to 54th. Battalion - (Lieut. Col. MARSHALL in command) moved with Battalion Headquarters from 14th. Brigade Headquarters on afternoon of 31/8/18. and bivouacked with Battalion until 4am. on 1st. September when orders were received from Battalion Commanders to move forward in rear of and in touch with "D" Company to J. O.T.

Orders were then received from Capt. MITCHELL commanding "D" Company to follow 100 Yards behind his Company with fixed bayonets which formed the second wave in the attack on enemy positions. Owing to heavy shell fire and machine gun fire and very limited time to assemble in J. O. T. there was some confusion and the Section under Sergt. GRIGGS formed the right flank of "D" Company and advanced with the Infantry and practically at the same time or with the first wave. Lieut. SHAW accompanied Capt. MITCHELL who was situated about the centre of his Company.

When "D" Company had reached and taken the enemy front trenches Capt. MITCHELL instructed Lieut. SHAW to remain with his Section until he was required to render assistance in crossing the Moat on North West side of PERONNE

About half an hour later a message was received from Capt. MITCHELL to move Section forward and assist the Infantry to cross the Moat and a temporary Bridge was constructed over the debris of bridge which had been blown up by the enemy.

Capt. MITCHELL informed Lieut. SHAW that he would not require his Section after the Infantry had got across the Moat. After this was accomplished Lieut. SHAW

252 was accomplished Lieut. SHAW withdrew his men and returned to Brigade Headquarters .

No.1 Section comprising One Officer (Lieut. BURROWS) and 22 Other Ranks attached to 56th. Battalion (Lieut. Col. HOLLAND in command) moved from Brigade Battle Headquarters with 56th. Battalion Headquarters at about 5 p.m. on 31/8/18 to H.12 Near CLERY. At about 11 p.m. shelling became heavier and No.1 Section suffered two Casualties . Section was moved forward to where "A" and "B" Companies were assembled. Lieut. BURROWS and 11 Other Ranks were attached to "B" Company (Capt. MANN in command) and Cpl. FUNNELL (Senior N.C.O and 11 Sappers attached to "A" Company (Capt. DALKEITH in command) The half Sections were attached to "A" and "B" Companies under orders of 56th. Battalion Commander.

At 6 a.m. on 1st. September all moved forward with "A" and "B" Companies until advance was checked owing to the 53rd. Battalion which was being held up by the enemy . The whole Section was then taking cover in a sunken road keeping touch with "A" and "B" Companies.

From this Spot Lieut. BURROWS went forward about half a mile and made a reconnaissance of the Moat and Trench Systems round North of PERONNE When "A" and "B" Companies moved into PERONNE No.1 Section moved with them .

Although there was not much "Sapper" Work accomplished as the COLOGNE River was not reached both Nos.1 and 2 Sections behaved splendidly under exceptionally trying circumstances and from what I can gather the following deserve special mention for their courage devotion to duty and good work thus setting a good example to the men :-

Of No; 2 Section Sapper RING acted promptly when a Lewis Gun crew were put out of action and volunteers for No.1 were called for He picked up the Gun and started firing at an enemy Machine Gun that was causing trouble. He afterwards went forward with the Infantry and was returned to the Section with a message from Capt. MITCHELL

Sapper GRESHNER also showed great courage and ~~initiative~~ initiative initiative and went forward with the Infantry and captured a few prisoners in

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in PERONNE. From what I can gather these Two Sappers did not receive the order given to Lieut. SHAW to keep the Section back until assistance was required to cross the Moat.

Sergt. GRIGGS also acted coolly and showed an excellent example to his men.

Of No. 1 Section 2/Cpl. McGIVEN and Sappers NANKIVILLE and PEARCE deserve special mention for their cheerfulness and good example and consistent good work.

(Sgd). R. A. HOIMES T/Capt.

10/9/18.

A/O. C. 14TH. Field Company A. E.

14th. FIELD COMPANY A. E.
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REPORTS ON OPERATIONS OF 1st. and 2nd. SEPTEMBER 1918

TO O. C.
 14th. Field Company A. E.

Reference map 62c. N. W.

(a). Light Floating footbridges exists in usable condition at H. 17. d. 9. 7
 This connects the tow pathson either side of canal only.

(b). A crossing could be erected over swamps at H. 24. a. 4. 7. for foot
 traffic only with light trestles. Estimate spans of water to be bridged
 at 200 Yards.

(c). At H. 24. d. 7. 9. an existing traffic bridge has been demolished
 but could be restored with stores available on site. At present usable
 by foot traffic.

Two Pontoon wagons fully loaded are standing by at H. 24. d. 6. 8. (branded
 2nd. Australian Division.)

Foot Bridges across swamps in continuationf of this Bridge are in posit-
 ion.

Old Bridges suitable for Horse Transport have been blown or are not yet
 completed. (Trestle Type), and have gaps Totalling Yards in their
 length Northern end of this Line of Bridges is at H. 19. a. 3. 6. (see (d).)

(d). Old Traffic Bridge at H. 19. c. 1. 3. is blown but foot bridge in good
 order is in position. Traffic Bridge for horse Transport could be res-
 tored rapidly with stores on site.

Foot Traffic route continues along E. Tow Path of Canal du Nord to North-
 ern end of Route, into HALLE at H. 19. a. 3. 6. Enemy has started erection
 of trafficbridge at H. 19. a. 3. 4. to H. 19. a. 3. 5. , eighteen feet wide which
 would require about 3 Days work to make available for Transport. Both
 these sites are under fire.

A quantity of heavy Bridging Stores, squared timber, steel girders etc.
 exist on site of these bridges and in HALLE for all present requirements.

(Sgd). A. E. LITTLER LIEUT.

9. 20. a. m.

14th. Field Company A. E.

(2).

APPENDIX 7-27

TO O.C. 14th. Field Company Engrs.

APPENDIX

- (e). A foot Bridge in good order is in place across Canal at I. 25. b; l. 1.
- (f). A foot bridge across the Canal at H. 32. b. 5. 3. has a gap of 30 feet blown away which will require replacing. Material available for hasty work/
- (g). A complete and new foot track crosses the swamp from H. 26. c. 5. 0. to H. 26. c. 8. 4. with the exception of 20 Yards at N; End requiring to be built. This can be done with material on bridge in about 2 Hours.
- (h). A foot Bridge is across the swamps from H. 32. b. 5. 3. to H. 26. d. 8. 0. and is broken in several places. I estimate gaps at about 50 Yds. al together.
- (i). The tow Pathat H. 32. b. 1. 5. is broken by shell or bomb, and water is flowing out of Canal into Swamp. Gap at present 6 Feet Head 1 Foot.

(Sgd) A. B. LITTLER Lieut.

14th. Field coy A. E.

Note. Heavy shell fire started a to fall at 10. 30. a. m. on both swamp tracks and bridge heads at Northern end of tracks.

TO O. C. 14th. Field Company A. E.

I have made a reconnaissance of Moat from I. 27. b. 2. 6. to I. 22. c. Central the width is about 30 Yards. Crossing at I. 27. b. 2. 7. is quite good for Infantry. COLOGNE RIVER is at present beyond our Lines, after the attack this evening I will bridge above stream. Reporting back to Company to-night if everything is O. K.

(Sgd) G. BURROWS Lieut.

14th. Field Company A. E.

1/9/18.
5.50 p.m.

TO O. C. 14th. Field Company A. E.

From Lieut. R. A. SHAW
No. 2 Section.

Reference Operations by 14th. A. I. Brigade on morning of 1/9/18.

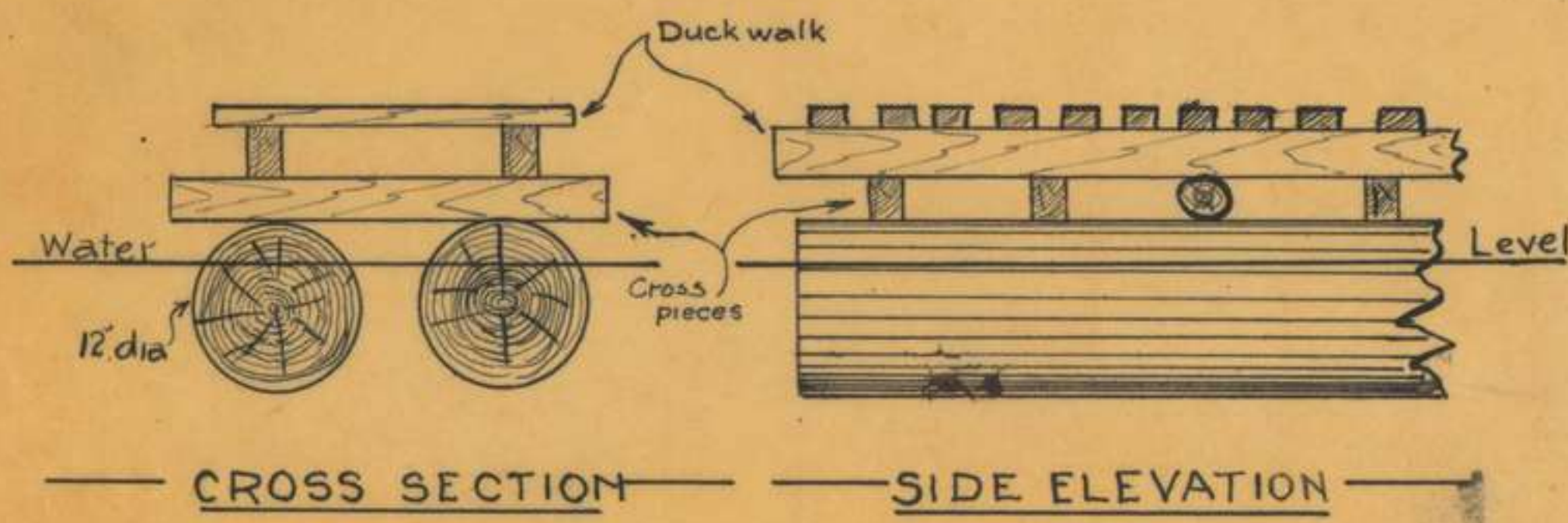
Acting on Company Engineer Instruction of 31/8/18 I attached No. 2

Section to 54th. Battalion with the object of making a crossing of the Moat on the N.W. of Town to allow the attacking Infantry easy access to the village. On the afternoon of 31/8/18 I moved my Section with the Battalion to Bivouacs at I. 7. a. 5. 8. Instructions were received at 10. 30 p.m. that operations were cancelled but Section was to stand by for further Orders. At 3. 30 a.m. I received orders from Lieut. Col. MARSHALL that amended operations were to take place at 6 a.m. and that I was to attach my Section to "D" Company and move to the assembly position with them keeping behind this Company but in touch with them during the operation. This was carried out and on reaching the old German Line in I 20. d. I was instructed by Captain MITCHELL commanding "D" Company to remain there until I received orders whether they required any assistance. About half an hour later I received word that the Germans had blown the Bridge at I. 27. c. 2. 6. and that a footbridge was required at that spot. I moved the Section forward and found that the Moat at that spot was nearly choked with debris and could be easily crossed. I put a temporary foot bridge across and cut away the banks on either side so that stretchers could be easily taken across. As the 54th. Battalion were by this time through the town I withdrew the Section and sent a report to Lieut. Col. MARSHALL. I then moved the Section to Company Headquarters at H. 34. d. 7. 5. The casualties sustained by the Section were as follows :- One Sapper killed; one Sapper and One Corporal seriously wounded; and One Lance Corporal and 2 Sappers wounded and One Sapper wounded but remaining with Unit.

1/9/1918.

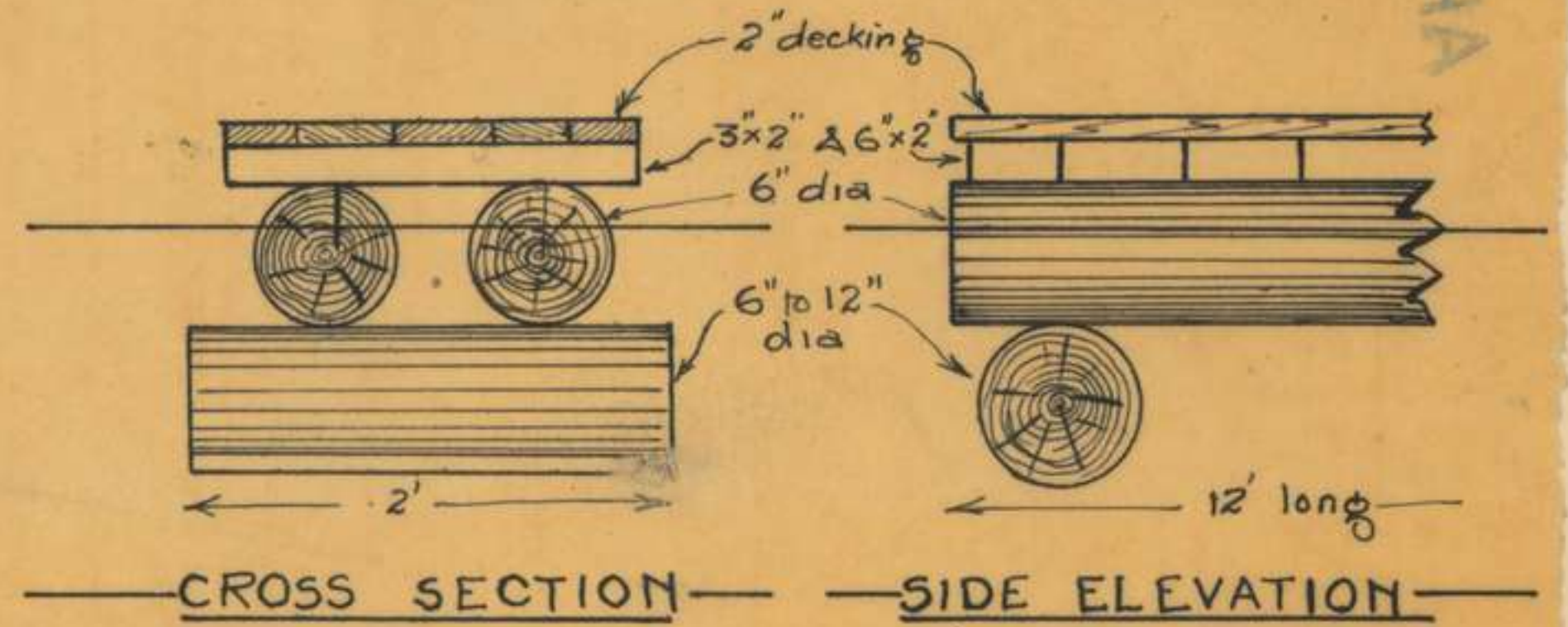
(Sgd.) ROY. A. SHAW Lieut. No. 2 Sec.
14th. Field Company A.E.

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APPENDIX 8



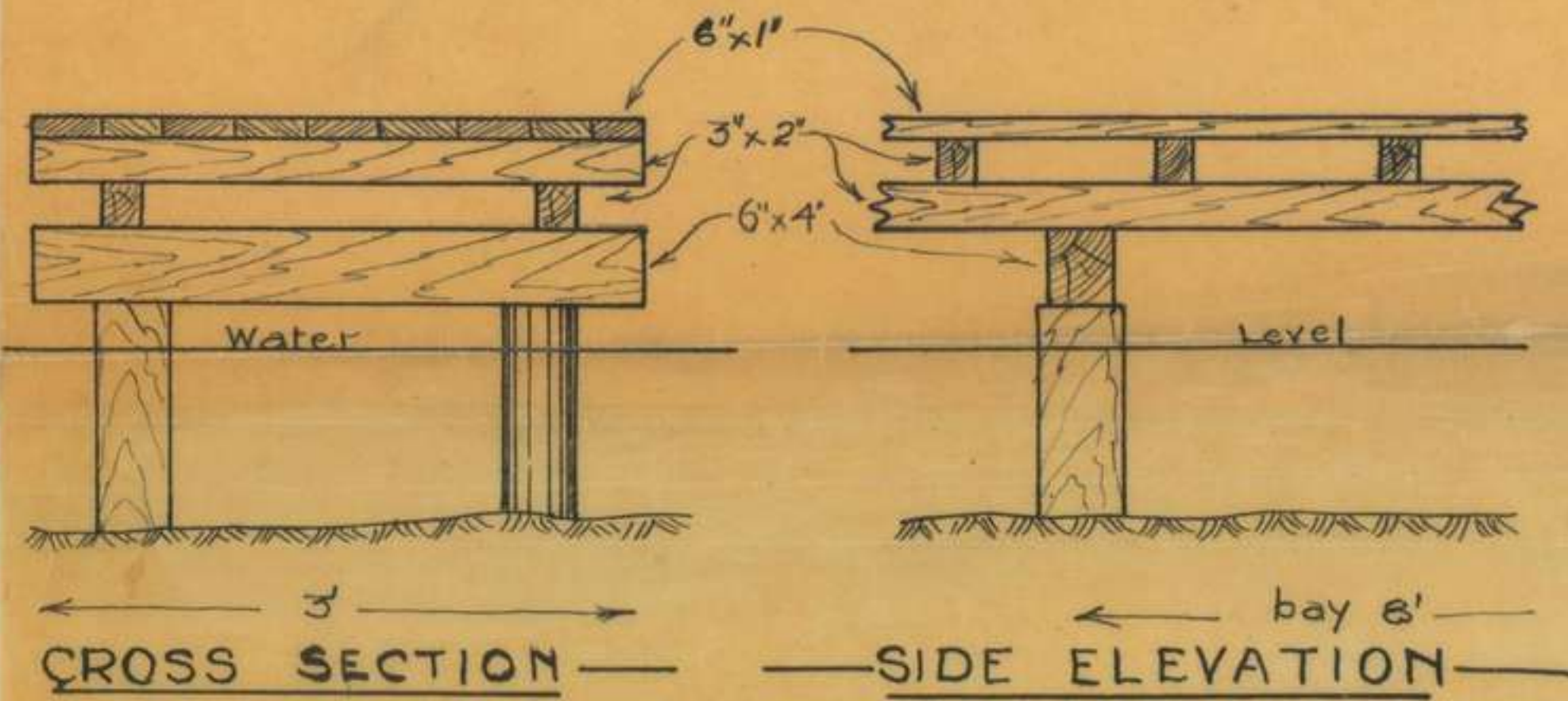
Duckwalks carried on rafts consisting of two 12' logs with cross pieces 3"x2", 2"x2" & round timber spiked on Handrail (not shewn) attached roughly on one side.

— N^o 1 —



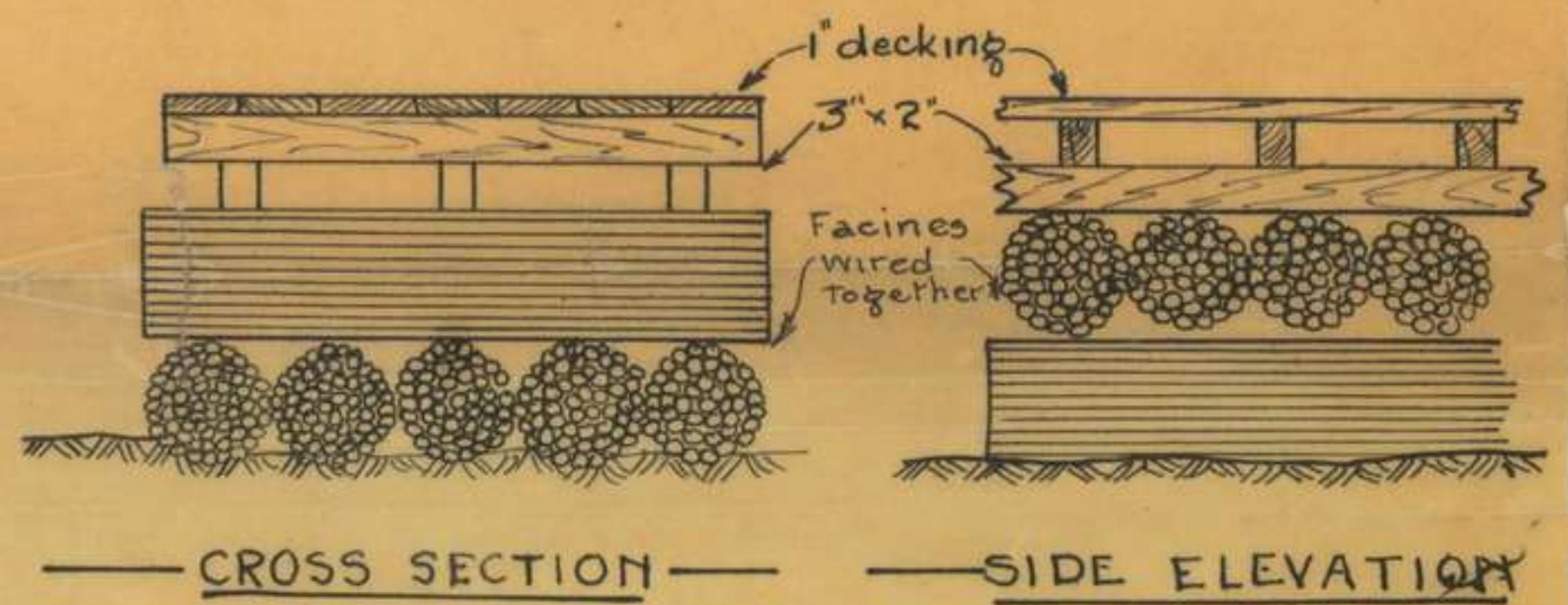
Decking laid longitudinally on raft of logs Hand-rail (not shewn) of 3"x2" on one side.

— N^o 2 —



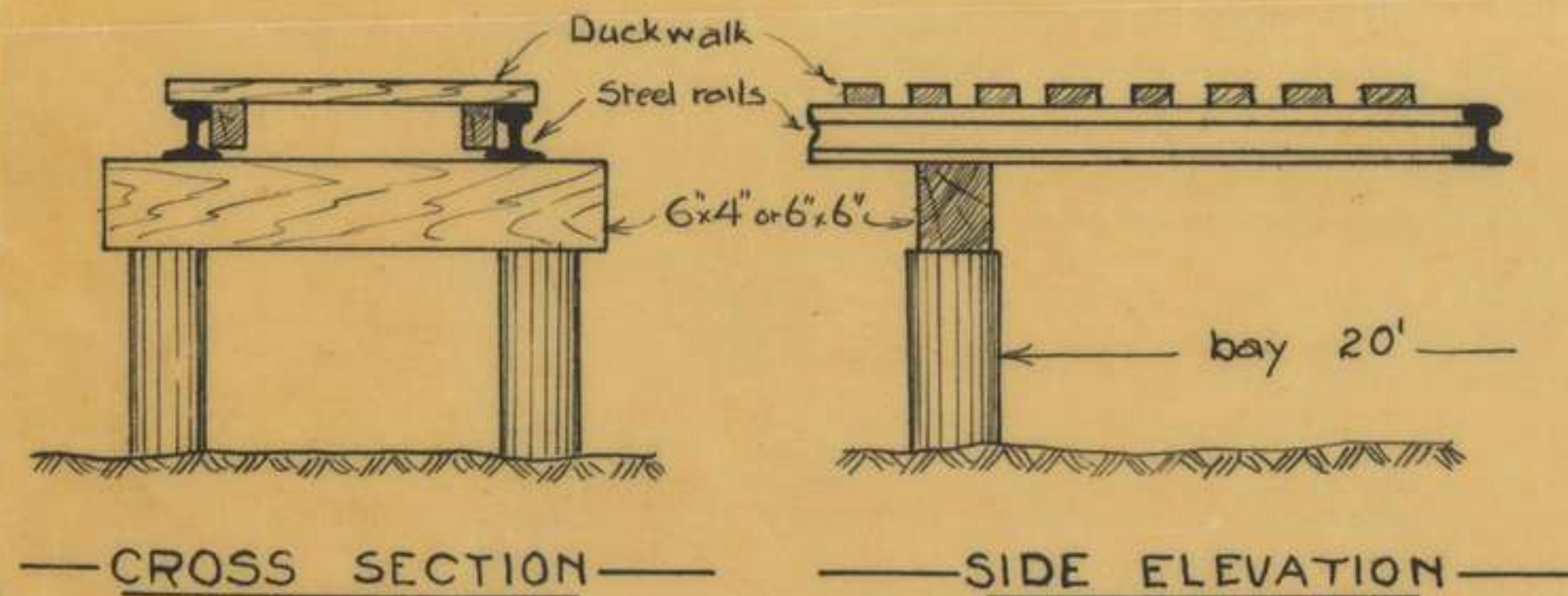
Decking laid longitudinally. Piles round or square timber Hand rail (not shewn) of 3"x2" on one side.

— N^o 3 —



Facines laid on swamp and timber built up to required height Decking laid longitudinally

— N^o 4 —
Across swamp



Duckwalks fit between rails and require no spiking

— N^o 5 —

TYPES OF FOOT BRIDGES USED BY THE BOSCHE NEAR PERONNE

— 14TH FIELD COY. A.E. —

APPENDIX 8

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Headquarters 5th. Australian Divisional Engineers.

5TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 40.

-----000000000000-----

1. (a) The 15th. Aust. Infantry Brigade will relieve the 14th. Aust. Infantry Brigade ^{to right} (2nd/3rd) in the latter's battle positions. On relief the 14th. Aust. Infantry Brigade will be withdrawn into support in the vicinity of HALLE.
- (b) The 8th. Aust. Infantry Brigade will move at 5 a.m. 3rd. instant into a suitable position in I.20., where it will ~~be~~ relieve the 14th. Aust. Infantry Brigade in support. The 14th. Aust. Infantry Brigade on relief will cross to the WEST bank of the SOMME.
2. One battalion, 8th. Aust. Infantry Brigade, will be placed at disposal of 15th. Aust. Infantry Brigade night 2nd/3rd. up to 5 a.m. 3rd. instant, for use if required in exploitation of FLAMICOURT.
3. The 15th. Field Coy. will remain affiliated with 15th. Brigade if necessary making detachments to carry out any work required on the north side of PERONNE.
4. The 8th. Field Coy. less one Section attached to 15th. Field Coy. will move on the morning of 3rd. instant to a suitable position to be selected in the support Brigade Area.
5. The 14th. Field Coy., less one Section attached to 15th. Field Coy. will reassemble under arrangements to be made by O.C. Company.
6. 5th. Aust. Pioneer Bn. will remain at present location.
7. ACKNOWLEDGE.

11.15 p.m.
2nd. September.

 Lieut-Col. A.E.
G.R.E.
5th. Australian Division..

DISTRIBUTION : Copy No. 1. - 8th. Field Co.
2. - 14th. Field Co.
3. - 15th. Field Co.
4. - 5th. Aust. Pioneer Bn.
5. - 'G' Branch, 5th. Aust. Divn.
6. - 'Q' Branch, 5th. Aust. Divn.
7. - 8th. A.I. Brigade.
8. - 14th. A.I. Brigade.
9. - 15th. A.I. Brigade.
10. - C.E. Aust. Corps.
11 - 13. - War Diary.
14 - 15. - File.

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APPENDIX 10

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SECRET.

Copy No. 3.

Headquarters 5th. Australian Divisional Engineers.

ORIGINAL
APPENDIX No 10

5th. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 43.
-----oooo0000oooo-----

1. The Bridging Section under the Command of Capt. J.P. CADDY, 15th. Field Coy. will be disbanded forthwith.
2. Sections and Bridging Equipment under the orders of Capt. CADDY will be detailed by him to report ^{back} to their Units.
3. ACKNOWLEDGE.

A. E. C. R. E. Lieut-Col. A.E.
C.R.E.
5th. Australian Division..

4th. September 1918.

DISTRIBUTION : Copy No. 1.- Capt. J.P. Caddy, 15th. Field Co.
 2.- 8th. Field Co.
 3.- 14th. Field Co.
 4.- 15th. Field Co.
 5 - 7.- War Diary.
 8 - 9.- File.

Handwritten signature

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"A" Form
MESSAGES AND SIGNALS.

Army Form C. 2121
(In pads of 100.)

No. of Message.....

Prefix.....Code.....m.	Words	Charge.	This message is on a/c of:	Recd. at.....m.
Office of Origin and Service Instructions	Sent		Service.	Date.....
.....	At .....	.....	.....	From
.....	To .....	.....	.....	By.....
.....	By	(Signature of "Franking Officer")	.....	.....

TO { 14th Field Coy. Engrs. ORIGINAL APPENDIX NoLL

Sender's Number.	Day of Month.	In reply to Number.	AAA
D. M. 208	5		

The Brigade group will move to an assembly area between BARLEUX and ETERPIGNY today aaa Move to be complete by 9 p.m. aaa Units will send representatives to Staff Captain at East end of BARLEUX by 6 p.m. for allotment of areas aaa Guiding arrangements to be made by Units aaa Notify closing of H.Q. at present Location to this Office and completion of move to new Location aaa Brigade closes here and open O. 14. d. 5. 2. at 8. 30. p.m. aaa Move to be in small Parties and across country where possible aaa Sent concerned repeat 5th. Div. 8th. and 15th. Bdes.

From 14th. Inf. Brigade.
Place
Time

The above may be forwarded as now corrected. (Z)

Censor. Signature of Addressor or person authorised to telegraph in his name

* This line should be erased if not required.

Headquarters 5th. Australian Divisional Engineers.

ORIGINAL
APPENDIX NO L25TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 44.
-----oooo0000oooo-----

Issued in connection with Battle Instructions, Series 'D', No. 1.

1. The 8th. Field Coy. will form a Unit of the advance guard under the Command of Brigadier-General TIVEY, CB.VD.
2. O.C., 8th. Field Coy. will make detailed arrangements with G.O.C. Advance Guard as to moves and for parties to reconnoitre for water, roads, mines, and for any other Engineer assistance required.
3. The 14th. Field Coy. will build a bridge across the SOMME Canal, to take Field Artillery in O.15.a. or c. or in O.21.a.. Sheet 62C.. This Office will be informed of site selected and Stores required. Work is to commence immediately.
4. The 14th. Field Coy. will move forthwith to vicinity of Bridge site mentioned above, and on completion of Bridge, will be affiliated with the 14th. Brigade.
5. The 15th. Field Coy. will reconnoitre forthwith a site for a bridge and approaches to take M.T. across SOMME Canal in O.15.a. or c. or in O.21.a.. Sheet 62C.. This Office will be informed of site and material required as soon as possible. Preparatory work on site will be commenced immediately. 'C' Class pontoon gear is available if required.

Cancelled HFI 1807

6. ACKNOWLEDGE.

W. P. P. P. Lieut-Col. A.E.
C.R.E.

5th. September 1918.

5th. Australian Division..

DISTRIBUTION : Copy No. 1. - 8th. Field Co.
2. - 14th. Field Co.
3. - 15th. Field Co.
4. - 'G' Branch, 5th. Aust. Division.
5. - 'Q' Branch, 5th. Aust. Division.
6. - 8th. A.I. Brigade.
7. - 14th. A.I. Brigade.
8. - 15th. A.I. Brigade.
9. - C.E. Aust. Corps.
10. - 5th. Aust. Pioneer Bn.
11 - 13. - War Diary.
14 - 15. - File.

Headquarters 5th. Australian Divisional Engineers. ORIGINAL
APPENDIX No 12

5TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 45.

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In connection with 5th. Aust. Div. Battle Instructions, Series 'D' No. 3, a copy of which is attached:-

1. The 8th. Field Coy. A.E. will remain affiliated with the 8th. A.I. Bde. Its chief duties will be :-
 - (a) Reconnaissance and exploitation of Wells and other Water Supplies all water supply reports to be repeated to Brigade.
 - (b) Reconnaissance of Roads.
 - (c) Searching for, and removal, where possible, of demolition charges and road mines.

A definite party should be told off to examine the Main MONS-VERNAND Road.

It is highly probable that Wells and Water Supply machinery will have time-explosive charges in them, so the most careful inspection should be made.
2. The 14th. Field Coy. A.E. will continue until completion, the construction of Horse Transport route and Bridges at LAMIRE Farm.
3. The 15th. Field Coy. A.E. will remain in Reserve and will be affiliated with the 15th. A.I. Bde. when the latter goes into action.
4. The 5th. Aust. Pioneer Bn. will be responsible for the repair of all Main Roads, and will follow the advance, within Divisional Boundary, as closely as practicable.

Direction boards will be erected at all road junctions, and names of Villages will be posted up.

The assistance to the 14th. Field Coy. at the bridging at LAMIRE Farm will be maintained until the bridge is complete.
5. C.R.E., Headquarters will remain at FONTAINE-les-Cappy.
6. Field Coys. and Pioneers to ACKNOWLEDGE.

Matan

Lieut-Col. A.E.
C.R.E.

6th. September 1918.

5th. Australian Division..

DISTRIBUTION: Copy No. 1. - 8th. Field Co.
2. - 14th. Field Co.
3. - 15th. Field Co.
4. - 5th. Aust. Pioneer Bn.
5. - 'G' Branch, 5th. Aust. Divn.
6. - 'Q' Branch, 5th. Aust. Divn.
7. - 8th. A.I. Bde.
8. - 14th. A.I. Bde.
9. - 15th. A.I. Bde.
10. - C.E., Aust. Corps.
11 -13. - War Diary.
14 -15. - File.

SECRET.

APPENDIX

COPY No.

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L3.5

Headquarters 5th. Australian Divisional Engineers.

5TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 46.

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ORIGINAL

APPENDIX No 13

1. The 4th. Australian Division (less Artillery) will relieve the 5th. Australian Division (less Artillery), in the centre sector on 9th./10th. and 10th./11th. September 1918.

Relief is to be complete by 6 a.m. on 11th. September 1918.

2. The Engineers and Pioneers of 4th. Aust. Division will relieve the Engineers and Pioneers of 5th. Aust. Division, as shewn on attached table.

Relief to be complete by 10 a.m. 10th. September 1918.

3. C.R.E's office will remain at FONTAINE-les-CAPPY.

4. ACKNOWLEDGE by wire. (Field Cos. & Pioneers).

5. Completion of relief will be wire in code to this office.

9th. September 1918.



Lieut. Col. A.E.,
C.R.E.,

5th. Australian Division..

DISTRIBUTION : Copy No. 1. - 8th. Field Co.
2. - 14th. Field Co.
3. - 15th. Field Co.
4. - 5th. Aust. Pioneer Bn.
5. - 'G', 5th. Aust. Division.
6. - 'Q', 5th. Aust. Division.
7. - C.R.E., 4th. Aust. Division.
8. - C.E., Aust. Corps.
9 - 11. - War Diary.
12-13. - File.

R E L I E F T A B L E.

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Serial No.	Date.	Unit.	From.	To.	Relieved by.	Remarks.
1.	10/9/18.	8th. Field Co. A.E.	Present location.	Cartigny.	13th. Field Co. A.E.	Arrangements to be made for billets with 8th. Aust. Infantry Brigade.
2.			14th. Field Co. will remain at present location and will not be relieved.			- - -
3.			15th. Field Co. will remain at present location and will not be relieved.			- - -
4.	10/8/18.	5th. Aust. Pioneer Bn. <i>less one Company.</i>	Present location.	Area shown on attached map.	4th. Aust. Pioneer Bn.	1 Company at present at Eterperny, working on bridge, will remain and will not be relieved by 4th. Aust. Pioneer Bn.

APPENDIX 3 26

REPORT ON WESTERN APPROACHES TO BRIDGES OVER CANAL AND
SOMME RIVER SWAMPS AT LAMIRE FARM AND ETERPIGNY.

Reference Map 62c S.W. 1/20,000.

ORIGINAL
APPENDIX No 14

1. LAMIRE FARM BRIDGE: -The western end of this is at O.15.a.5.5
The approach on Western side from Main Road at O.8.d.6.1. is
by a narrow sunken road metalled about 12 Feet wide as far as the
the Railway Line at O.15.a.4.8. - a distance of about 430 Yards
The road has ^{three} small shell holes which require filling in and the
whole requires draining, otherwise the road will not stand heavy
traffic if wet weather sets in.

The length from Railway Crossing to Bridgehead - about 120
120 Yards - has been metalled over Corduroying and Fascines
about 20 Feet wide and is in good order.

2. ETERPIGNY. Bridge which starts at Railway at O.21.a.2.6. passes
-es over Canal and Swamps and ends at O.21.b.0.5. is approached
from Western side by narrow road from metalled road at O.20.b.7.
5. This road consists of about 230 Yards of ordinary track
(Old Railway Sleepers) 10 feet wide and 120 Yards of metalled
Road about 12 Feet Wide - the former portion should be widened
to take motor transport and can be easily improved by spreading
metal over existing timber.

Copy of Report to 15th. Field Company A. E.

R.A. Holmes T/Capt.

9/9/18.

A/O.C. 14th. Field Company A. E.

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14th. Field Company A. E.
WORKS REPORT FOR PERIOD TO 4 PM. 9/9/18.

ORIGINAL
APPENDIX No 15
9/9/18.

Job No.	Sub No;	Map Location	Particulars	State of Completion.	Party
1.	a	O. 21. a. 2. 6. to O. 21. b. 0. 5.	Bridge over Canal 80' Debris cleared Material salvaged German Pile Driver salvaged & erected 1/12' Bay superstructure Laid.	20 Sappers & 13 Pioneers.	
1.	b		Bridge over Swamps. 170' Length of Gaps in Demolished Bridge cleared of Debris and material salvaged 2 Crib Piers completed 3/12' Bays Superstructure Laid	32 Sappers. & 27 Pioneers.	
2.		O. 15. a. 5. 5.	1 Pier 50% completed Bridge at Lamire Farm maintained and repaired Notice Boards erected.	24 Sappers	

(Sgd) R. A. HOIMES T/Capt.

A/O.C. 14th. Field Coy. A. E.

14TH. FIELD COMPANY A.E.
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ORIGINAL
APPENDIX No 16

Works Report for period ending 4 PM. 10/9/18.

Job No.	Sub No.	Map Location	Particulars	State of Completion	Party/
1.	a.	O. 21. a. 2. 6. to O. 21. b. C. 5.	Bridge over Canal 2 Piers 30% completed.	20 Sappers & 10 Pioneers.	
	b		Bridge over Swamps 2 Piers completed 1/18' Bay Superstructure 50% completed 1/14'6" Bay superstructure 50% completed 1 Pier 50% completed.	35 Sappers & 22 Pioneers.	
2.		O. 15. a. 5. 5.	Bridge at LAMIRE FARM Maintenance and Repairs.	18 Sappers.	
			Transport of Material	3 Sappers & 10 Pioneers.	

(Sgd) J. Coghlan Major
O.C. 14th. Field Company A.E.

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14TH. FIELD COMPANY A. E.
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ORIGINAL
APPENDIX No 17

Works Report for 24 Hours ending 4 pm. 11/9/18.

Job No.	Sub No.	Map Location	Particulars.	Party.
1.	a	O. 21. a. 2. 6. to O. 21. b. 0. 5.	Bridge over Canal 2 Piers 100% completed 1/17' Bay 25% completed. 1/15' Bay 25% completed.	20 Sapper & 15 Pioneers.
	b		Bridge over Swamps 1 Pier 100% completed. 1 Pier 15% completed. 2/14' 6" Bays superstructure completed. 1/18' Bay Superstructure 75% completed. 1/16' Bay Superstructure 50% completed.	31 Sappers. & 25 Pioneers.
2.		O. 15. a. 5. 5.	Bridge at LAMIRE FARM Maintenance and Repairs.	16 Sappers.

(Sgd) J. COGHIAN MAJOR,
O. C. 14th. Field Company A. E.

REPORT RE TRAFFIC BRIDGE UNDER CONSTRUCTION AT

ETERPIGNY O. 21. a. 2. 6. TO O. 21. b. 0. 5.

ORIGINAL
APPENDIX No 188

Weakest existing portion of bridge exists as far as can be ascertained in the superstructure but care will need to be taken in the erection or repair of piers as excessive settlement may otherwise occur.

In some cases the piers consist of a combination of pile and crib work supporting a common transom, the crib work being invariably at the outside of the pier. This may lead to trouble due to unequal settlement and such places should be watched during traffic.

The Caps are of ample section and mostly of new timber.

The Roadbearers are of three types :- (a). Squared Timber, (b). R. S. J's. and (c). a combination of the two (a) and (b). The weakest of Type (a) exists along Eastern portion of bridge where a 15' span is supported by 5 Roadbearers averaging 7 1/2" wide and 8" Deep. The roadbearers and Decking are beech, the decking being 2 1/2" thick. With impact at 75% and maximum working fibre stress at 2000Lbs. per square inch the maximum axle load is 4 Tons. (See attached Sheet).

The weakest of Type (b) exists near centre of Bridge where 6 R. S. J's. - 7" x 3 3/4" - (with modulus of section about 11.2 & weight of 16Lbs./Ft.) support a 14' span. With the same impact and maximum fibre stress of 20,000Lbs per square inch; the maximum axle load allowable is 5.5Tons (See attached Sheet).

The weakest portion of type (c) is much stronger than either of the above.

Type (a) If additional roadbearers are added to type (a) to bring combined width of roadbearers to 60 inches the bridge can be considered safe for a 6Ton axle Load at slow speed. The maximum axle load for this portion of the structure is therefore 4 Tons on assumption that all roadbearers take same proportion of load. They are placed as regards size to allow of this assumption.

The spans similar to this could be readily strengthened by the addition of 2 R. S. J's. 7" x 3 3/4" in the position shown on sketch. They could be wedged up to take their proportion of the load. These R. S. J's. are available.

Stressing them to 20,000Lbs per square inch they would take a central load of $11.2 \times \frac{20,000}{2240} \times \frac{4}{15 \times 12}$ Tons = 2.22Tons.

252
Neglecting modification in stresses due to deflections the revised load would be a maximum of 6 Tons per axle.

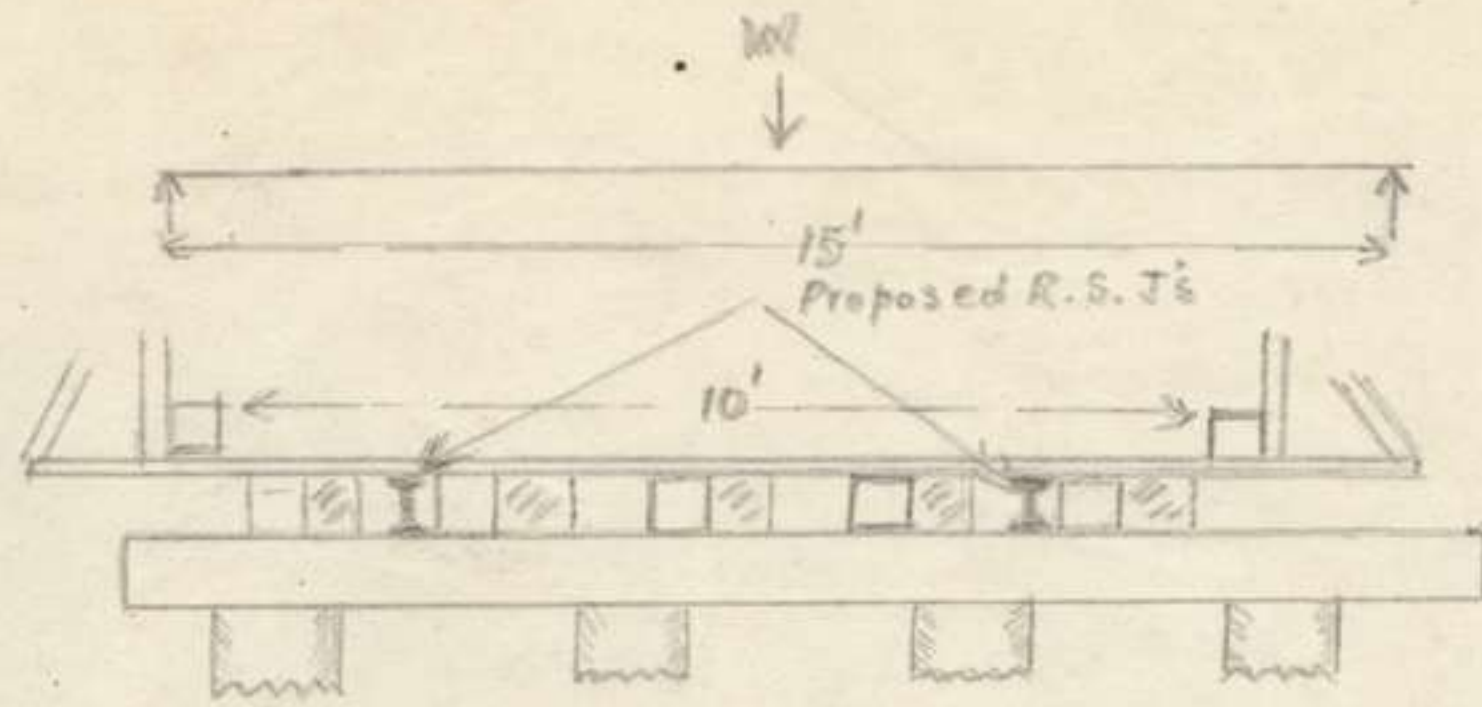
General If R.S.J's. not added a minimum width of roadbearers of 60" (using available timber 8"Deep) is required to make bridge safe for a 6Ton axle Load.

Type The 8"x 2 1/2" bearing strips for decking take same load so (b).^t that this type can be considered as strong as the suggested weakest portions i.e. to take a 6 Ton axle load.

Copy Report by Lieut E. O. K. GREEN 14th. Field Company A. E sent 15th. Field Company A. E.

18 4/5

Type (a).



$$\text{Dead Load} = \left(\frac{37\frac{1}{2} \times 8 \times 15}{144} + 15 \times 15 \times \frac{21\frac{1}{2}}{12} \right) 50 \text{ Lbs.}$$

$$= 3910 \text{ Lbs.}$$

$$\text{Deadload Stress} = \frac{1}{8} \times \frac{3910 \times 15 \times 12 \times 6}{37.5 \times 8 \times 8} \text{ Lbs / Square in.}$$

$$= 220 \text{ Lbs/Square in.}$$

$$\text{Stress for Live Load} = 2000 - 220 \text{ Lbs/Square in.} = 1780 \text{ Lbs}$$

If W Tons is axle load then with 75% impact
equivalent Dead Load B M = $W \times \frac{7}{4} \times \frac{15 \times 12 \times 2240}{4}$ in Lbs.

$$\text{Stress} = \frac{W \times 7 \times 180 \times 2240}{1.6} \times \frac{6}{37.5 \times 8 \times 8} \text{ Lbs / Square in.}$$

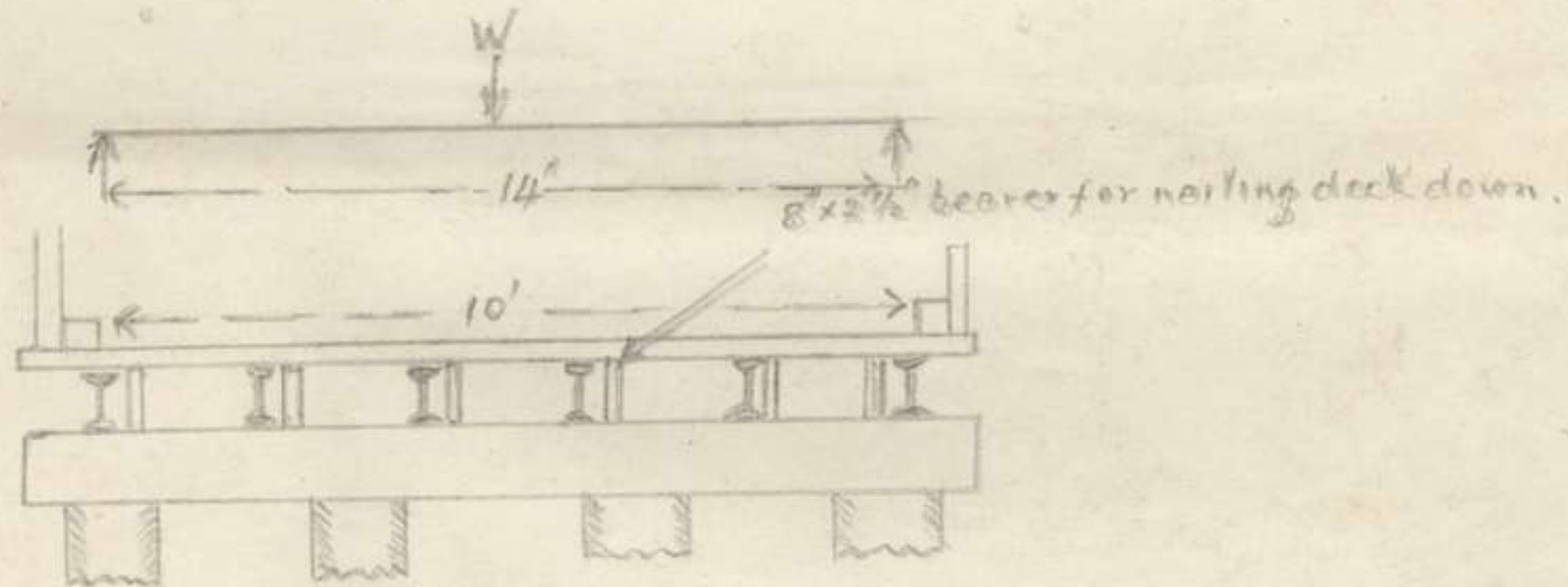
assuming all roadbearers to take same proportion of stress

$$W = \frac{1780 \times 37.5 \times 8 \times 8 \times 1.6}{6 \times 7 \times 180 \times 2240} \text{ Tons.}$$

$$= 4.02 \text{ Tons.}$$

Type (b).

Spec (b)



$$\text{Dead Load} = 16 \times 6 \times 4 + 50 \times 14 \times 15 \times \frac{21\frac{1}{2}}{12} \text{ Lbs.}$$

$$= 1324 + 2180 \text{ Lbs.}$$

$$= 3500 \text{ Lbs.}$$

$$\text{Dead Load B M} = 3500 \times \frac{14 \times 12}{8} \text{ in Lbs.}$$

$$= 73300 \text{ in Lbs.}$$

$$\text{Dead Load Stress} = \frac{73300}{11.2} \text{ x Lbs / Square in.}$$

$$= 6540 \text{ Lbs / Square in.}$$

$$\text{Therefore Stress for Live Load} = 20,000 - 6540 \text{ Lbs / Square in.}$$

$$= 13460 \text{ " "}$$

Allowing 75% impact and assuming the 6 R.S.J'S. spaced as above to be equivalent to 5 R.S.J's. Taking equal share of load we have

$$\text{Max Axle Load} = \frac{4}{14} \times \frac{1}{12} \times \frac{5 \times 11.2 \times 13460}{2240} \times \frac{4}{7} \text{ Tons;}$$

$$= 5.5 \text{ Tons.}$$

BRIDGE OVER CANAL AND SWAMPS AT ETERPICNY

Orig.
Duplicate
Appendix No 19

Note: For full particulars of spacing of R.S.J. Wood beams etc. over Bays - see 1/2" Scale detail plans.

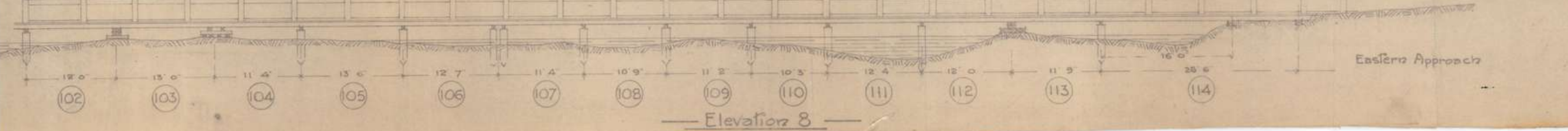
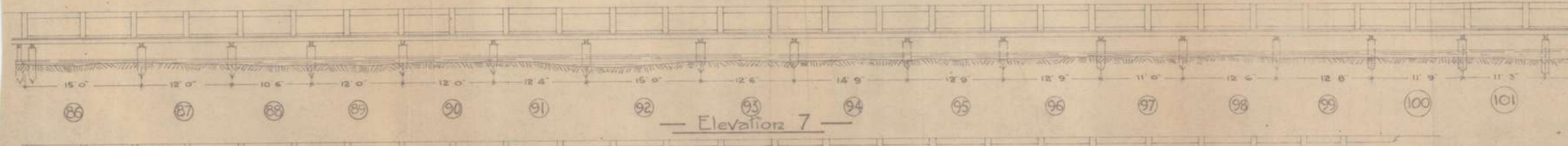
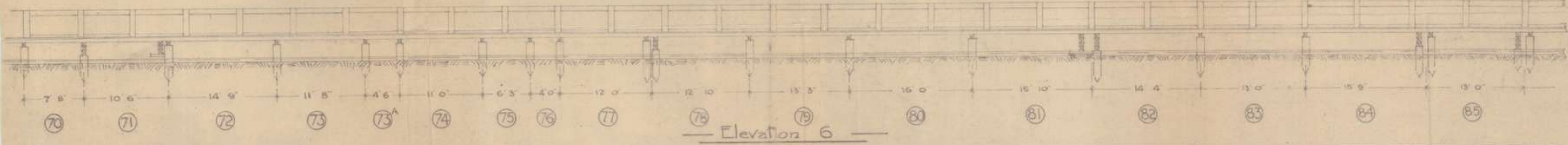
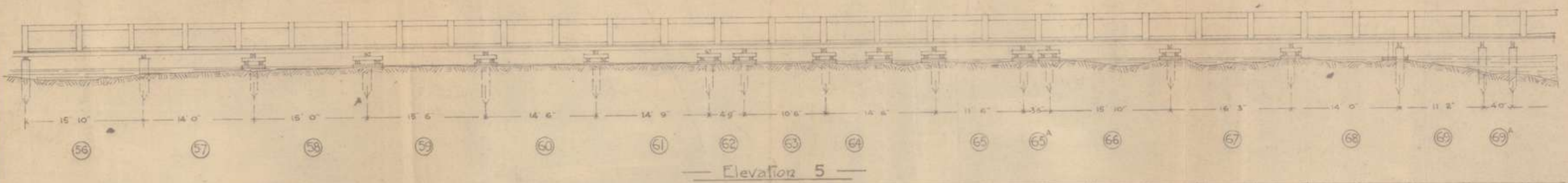
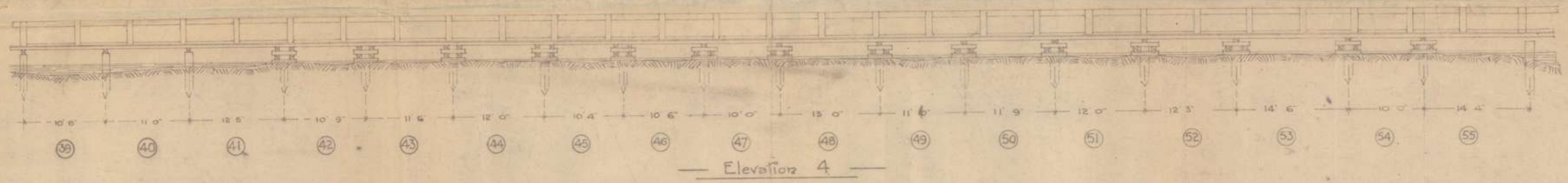
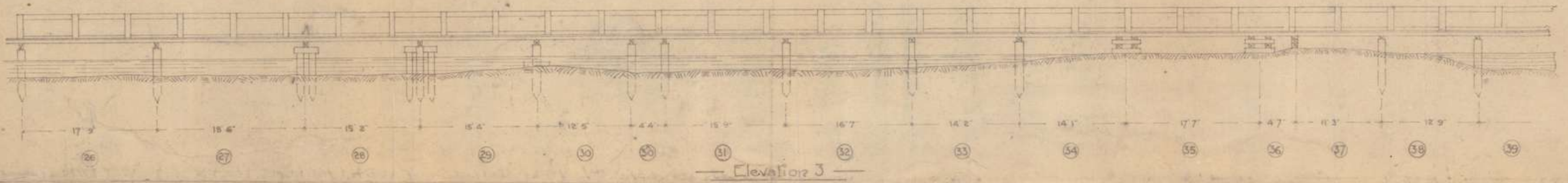
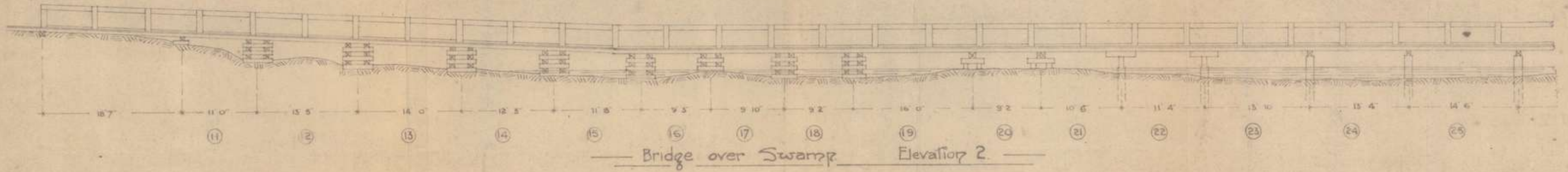
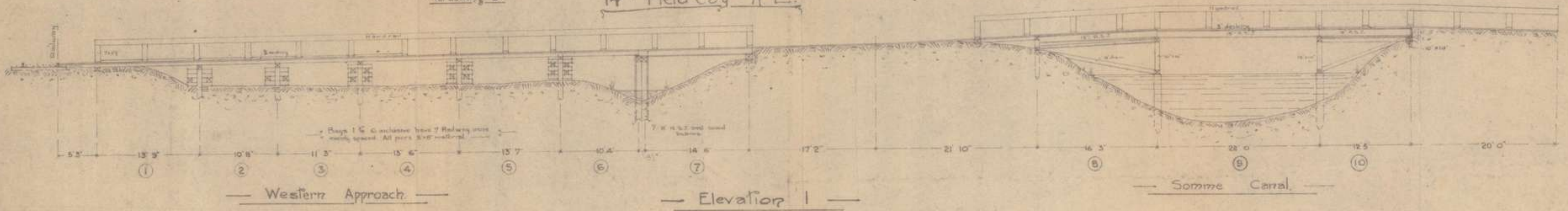
Map Location Q21a26 - Q21b05.

To take M.T.
Tested to 6 ton axle load
Total length 521 yds.

Scale 1/8" = 1 Foot

14th Field Coy. R.E.

- All decking 3" -



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14th FIELD COMPANY A.E.
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ORIGINAL
APPENDIX No 20

Works Report for 24 Hours ending 4 pm. 12/9/18.

Job No.	Sub No.	Map Location	Particulars	Party.
1.	a	O. 21. a. 2. 6. to O. 21. b. 0. 5.	Bridge over Canal 1/17' Bay superstructure 75% completed. 1/15' Bay superstructure 75% completed.	20 Sappers.
	b		Bridge over Swamps. 1 Pier 75% completed. 1/18' Bay superstructure 90% completed.	30 Sappers.
2.		O. 15. a. 5. 5.	Bridge at LAMFRE FARM. Maintained until 12 Noon and handed over as per attached memo.	12 Sappers.

(Sgd) J. COGHLAN MAJOR.

O. C. 14th. Field Company A. E.

14TH. Field Company A. E.

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ORIGINAL
APPENDIX NO 21

Works Report for 24 Hours ending 4 PM. 13/9/18.

Job No.	Sub No.	Map Location	Particulars	State of Completion	Party
1.	a	O. 21. a. 2. 6. to O. 21. b. 0. 5.	Bridge over Canal 1/17' Bay superstructure completed 1/15' Bay superstructure completed 1/22' Bay superstructure completed	100% 100% 100%	20 Sappers
	b		Bridge over Swamps. 1 Pier completed 1 Pier 10% completed 1 Pier strengthened 1/18' Bay superstructure completed 1/17' Bay superstructure 50% completed. 1/16' Bay superstructure completed	100% 10% 25% 100% 50% 50% 100%	45 Sappers

(Sgd) J. COGHLAN MAJOR

O.C. 14th. Field Company A. E.

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14th. Field Company A. E.
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TRIPPLICATE-ORIGINAL
APPENDIX No 22

Works Report for 24 Hours ending 4 PM. 14/9/18.

Job No.	Sub No.	Map Location	Particulars	State of Completion	Party.
1.	b.	O. 21. a. 2. 6. to O. 21. b. O. 5.	Bridge over Swamps. 1 Pier 100% completed. 1 Pier strengthened 1/17 Bay superstructure completed. 1/16 Bay superstructure completed. 2/17 Bays superstructure completed. 200 Double Wheel Guides relaid 12 Notice Boards for Traffic Control 60% complete	100% 100% 100% 100% 100% 100%	60 Sappers

(Sgd) J. COGHLAN Major.

O. C. 14th. Field Company A. E.

ORIGINAL A
APPENDIX No 23

14th. Field Company A.E.

14/9/18.

WEEKLY PROGRESS REPORT FOR WEEK ENDING 14/9/18.
-----BRIDGE OVER CANAL AND SWAMPS AT ETERPIGNY

All Bays now completed and Decking completed throughout whole length. Bridge can now be used for Traffic.

WORK IN HAND :-

Moving Handrails for footway and securing Wheelguides also improving finish of Bridge. L2 Notice Boards 60% completed for Traffic Control.

(Sgd) J. COGHIAN Major.

O.C. 14th. Field Company A.E.

14TH. FIELD COMPANY A. E.

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ORIGINAL
APPENDIX No 24

WEEKLY WORKS REPORT FOR WEEK ENDING 4 P.M. 21/9/18.

Job No.	Sub No.	Map Location	Particulars	State of Completion Party.
1.	b.	O. 23. a. 2. 6 to O. 21b. O. 5. 1	Bridge over Swamps 14 Bays strengthened Pier strengthened. 3 Piers reconstructed. 1380' Double Wheelguides secured. 702' Double Handrailing erected. 249' Double Sidewalks Laid. 585' Decking secured. Bridge tested to take 6 Ton Axle Load.	
4.		P. 13. d. 2. 8.	Rifle Range for 14th. A. I. Brigade. Firing Mounds 50Yds. long erected. at 100Yds and 200Yds. Mark. Shelter Trench Butts excavated 50Yds. x 6'6" Wide. x average Depth 1'6" Range measured and pegged out. Completed under Brigade arrangements.	
5.		O. 18. b. O. 6.	Gas Testing Chamber for 14th. A. I. Bde. Dimensions 10' x 12' x 6' completed.	
6.			Salvage of Cork Floats. (Sgd.) J. COGHIAN Major. O. C. 14th. Field Company A. E.	

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14th. FIELD COMPANY A. E.
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ORIGINAL
APPENDIX No 25

WEEKLY WORKS REPORT FOR WEEK ENDING 4 PM. 28/9/18.

Job No.	Sub No.	Map Location	Particulars.
1.	b.O. 21. a. 2. 6. TO 0. 21. b. 0. 5.		Bridge over Swamps. 871' Double Handrailing erected. 847' Double Handrailing erected. 325' Double Wheel Guides secured. 1 Pier replaced. 2 Piers strengthened. 2 Bays strengthened. 100 Posts erected. Salvaged 7/100' 4 x 11/2 Timber Salvaging of Cork Floats and Loading of same and Pile Driver.
7.	O. 14. a. 5. 5.		14th. A. I. Brigade Kit Stores. Building 11e9' x 25' completed. Debris removed and inside of Building cleaned.

(Sgd) J. COGHIAN MAJOR.
O. C. 14th. Field Company A. E.

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ORIGINAL
APPENDIX N° 26

26

Headquarters 5th. Australian Divisional Engineers.

C. R. E.
5TH AUSTRALIAN DIVISION.
No. 83/25/105.
Date.....

8th. Field Co.
14th. Field Co. ✓
15th. Field Co.

Please arrange to dump your Company Bridging Equipment near 5th. Aust. Divisional R.E. Dump, P.29.c.9.7. forthwith, and to leave one Sapper in charge of it.

This Office is to be informed when action has been taken. //

H.C.

24th. Sept. 1918.

A. E. A. E. Lieut-Col. A.E.
C.R.E.
5th. Australian Division.

14th FIELD COMPANY A. E.

- - - - 000000 - - - - -

PROGRAMME OF TRAINING - WEEK ENDING 28/9/18

DAILY:-

1/2 Company working on Bridge
1/2 Company Training and Recreation

- 23rd September 2 Sections Morning; - 1 Hour Drill
1 Hour Map Reading
Afternoon ; - Football & Other Games
- 24th September 2 Sections Morning; - 1 Hour Drill
1 Hour Map Reading
Afternoon; - Football & Other Games
- 25th September 2 Sections Morning ; 6 Route March
Afternoon ; - Football etc.
- 26th September 2 Sections Morning; - Route March
Afternoon; - Football etc.
- 27th September 2 Sections Morning; - Demolitions, Mapreading
and Road Reconnaissances
Afternoon; 6 Football etc
- 28th September 2 Sections Morning; - Demolitions, Map Reading
and Road Reconnaissances
Afternoon; - Football etc

Drivers will participate in afternoon recreations

Major

O.C. 14th Field Co A. E.

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ORIGINAL
APPENDIX N° 28.

Headquarters 5th. Australian Divisional Engineers.

O.C.,
14th. Field Coy. A.E.
-----C.R.E.
5th AUSTRALIAN
DIVISION.

1/11/18

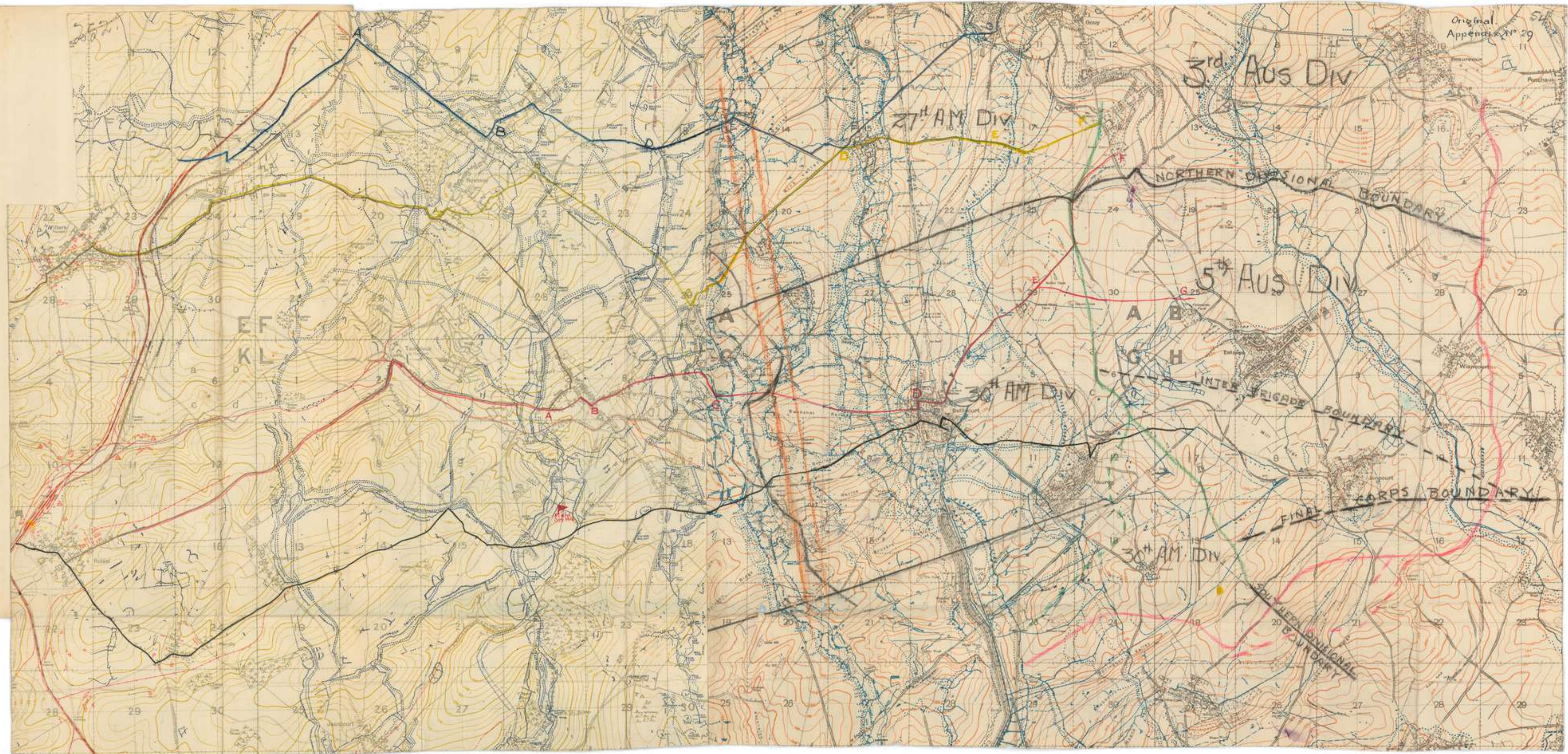
Date

Meet Tank Representative at 14th. Brigade
H.Q. at 10 am. 27/9/18, and arrange to attach one
Sapper per tank, to conduct tank up to GREEN LINE
examining the track just ahead of tank to detect
Road Mines.

26th. Sept. 1918.

Lieut-Col. A.E.
C.R.E.

5th. Australian Division...



COPY

APPENDIX
1889

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252

Headquarters 5th Australian Divisional Engineers.

5TH AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION NO. 47.

1. The Australian Corps with the II American Corps affiliated will attack the enemy's positions in the Hindenburg Line in the sector HAUBOX-GOUY on a date and hour to be notified later.

2. (a) First Phase.

The 30th American Division on the right and the 27th American Division on the left will attack with tanks under a creeping artillery barrage.

The jumping-off line is shown in brown, the objective by a full green line and the North and South boundaries by black lines on attached tracing.

3. (b) Second Phase.

The 5th Aust. Division on the right and the 3rd Aust. Division on the left, each with its own Divisional Artillery and a proportion of tanks and organised in Brigade Groups will pass through the 30th and 27th American Divisions respectively in open warfare formations and at a time to be notified later.

The objective is shown red on attached tracing.

3. Assembly.

The programme will be so arranged that the two attacking Brigade Groups of the 5th and 3rd Aust. Divisions respectively will pass through the American Troops as soon as possible after the latter have attained the first objective.

5th Aust. Division will be disposed as follows :-

8th A.I. Brigade and 12th A.I. Brigade will attack (8th Sde on the right and the 12th Sde on the left) with the 14th A.I. Brigade in reserve.

4. Road Movement.

The country over which the attack will pass in its early stages is very much shell pitted and all roads have been very badly damaged.

To enable guns and ammunition wagons and armoured cars to pass across this area, the C.S. Aust. Corps has arranged to develop 4 roads as rapidly as possible. The C.S. will have at his disposal the 5 Aust. Pioneer Bns. plus such proportion of the American Engineering personnel as may be necessary.

Every body of troops will be allotted its own definite road, and will on no account use any other. Maps will be issued later showing the roads allotted in each case. Careful traffic control will be organised and all ranks must be warned beforehand and must be prepared to adhere to the traffic rules strictly.

The bivouac areas will be selected in positions which will be convenient to the roads to which each body of troops is allotted.

5. ACKNOWLEDGE.

5TH AUSTRALIAN
DIVISION.

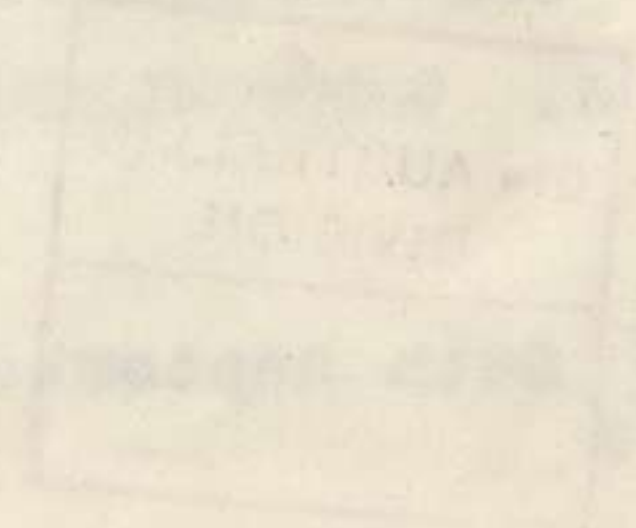
26th September 1918

Lieut. Col. A. E. C. R. E.

5th Australian Division.

Distribution -

- Copy No. 1 - 8th Field Co.
- 2 - 14th Field Co.
- 3 - 15th Field Co.
- 4 - 6 - War Diary.
- 7 - 8 - File.



31A
56

Headquarters 5th Australian Divisional Engineers.

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5TH AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 48.

1. In the impending operations Field Companies will be affiliated with Brigades of their own numbers.
2. O's.C. Companies will liaise with Headquarters of their affiliated Brigades immediately in order to ascertain time and place of assembly bivouacs prior to the attack and will move under arrangements with Brigades.
3. Employment of Field Companies will be similar to that during operations commencing 8th August 1918, but detailed instructions will be issued.
4. This office is to be notified of selected locations and completion of moves.
5. ACKNOWLEDGE.

J. Madun

Lieut-Col. A.E.
C.R.E.

26th September 1918.

5th Australian Division.

Distribution :-

- Copy No. 1 - 8th Field Co.
- 2 - 14th Field Co.
- 3 - 15th Field Co.
- 4 - 8th A.I. Bde.
- 5 - 14th A.I. Bde.
- 6 - 15th A.I. Bde.
- 7 - 'G' 5th Aust. Divn.
- 8 - 'Q' " " "
- 9 - C.E. Aust. Corps.
- 10- 12 - War Diary.
- 12- 13 - File.

JR

252 Headquarters 5th. Australian Divisional Engineers. 31b 57

5TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 48 A.

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Issued in connection with impending operations.

1. Field Coys will carry out all such Engineer Work as may be found necessary, after consultation with G.Os.C. Brigade Groups.
2. The 8th. Field Coy. will arrange to :-
 - (a) Reconnoitre and exploit all Wells and other Water supplies in Brigade Area, East of a North and South line between 'G' and 'H' Squares (Sheet 62B).
 - (b) Render assistance as may be found necessary to the Artillery of Brigade Groups in the passage of trenches and other obstacles.
 - (c) Reconnoitre for the detection and removal of mines on roads and tracks in Brigade Area.
 - (d) Reconnoitre and report on roads, railways, R.E. Dumps etc. in Brigade Area. Locations of craters and other serious obstacles will be reported to 5th. Aust. Pioneer Bn.
 - (e) Provide one Sapper to go with each tank, attached to Brigade Group, from BROWN LINE to GREEN LINE, to reconnoitre ground in front of tanks for land mines, and remove any found.
 - (f) Install tanks for Water Supply (3-100 gall. and 3, 50 gall.) in the vicinity of G.6.c., exact site selected will be wired to C.R.Es. office. These tanks will be filled by lorries.
 - (g) Select site for, and establish a report centre for C.R.E. at approximately G.10.b.7.5. (Sheet 62B) road junction, where reports will be collected by arrangements to be made under C.R.E..
 - (h) Select site for Forward Divisional R.E. Dump in vicinity of G.11.b.9.2., and erect notice board. Wire location of site selected to C.R.Es. Office.
3. The 15th. Field Coy. will arrange to carry out work as set forth in sub-para. a, b, c, d, and e. of para 2.
4. The 14th. Field Coy. will arrange to carry out :-
 - (a) Work as set forth in sub-para. a, of para. 2, but in the Divisional Area West of North and South Line between 'G' and 'H' Squares, (Sheet 62B), and East of LE CATALET - NAUROY line of trench.
 - (b) Work as set forth in sub-para. b, of para. 2. also d.
5. Report on Wells in the form laid down at C.R.Es. Conference of 27th. instant, will be forwarded to C.R.E. and repeated to Brigades.
6. The R.E. Dump is now located at L.13.c.5.0. and material may be drawn on Engineer Officers' signature. This will be moved forward as soon as possible on ZERO day to vicinity of G.11.b.9.2..
7. C.R.Es. Office is located at K.23.d.5.3. (Sheet 62C).
8. Field Companies and Pioneers to ACKNOWLEDGE.

A. E. Mathu

Lieut-Col. A.E.
C.R.E.

5th. Australian Division.

27/9/18

HEADQUARTERS 5TH AUSTRALIAN DIVISION
ENGINEER REGIMENT
No. 48 A

DISTRIBUTION :

- Copy No. 1. - 8th. Field Co.
- 2. - 14th. Field Co.
- 3. - 15th. Field Co.
- 4. - 5th. Aust. Pioneer Bn.
- 5. - 8th. A.I. Bde.
- 6. - 14th. A.I. Bde.
- 7. - 15th. A.I. Bde.
- 8. - 'G' Branch, 5th. Aust. Divn.
- 9. - 'Q' Branch, 5th. Aust. Divn.
- 10. - C.E. Aust. Corps.
- 11 - 13. - War Diary.
- 14. - File.

(a) Reconnaissance and report on roads, railways, R.M. pumps etc. in Brigade Area. Locations of obstacles and other serious obstacles will be reported to G.S. Aust. Pioneer Bn.

(b) Provide one sapper to go with each tank, attached to Brigade group, from BROWN LINE to GREEN LINE, to reconnoitre ground in front of tanks for land mines, and remove any found.

(c) Install tanks for water supply (2-100 Gall. and 2-50 Gall.) in the vicinity of G.S.C., exact sites selected will be wired to G.S. Office. These tanks will be filled by forgers.

(d) Select site for report centre for G.S.C. at approximately G.I.C. 8.10.2.7.8. (Sheet 823) road junction, where reports will be collected by arrangements to be made under G.S.C.

(e) Select site for Forward Divisional R.M. Dump in vicinity of G.I.C. 8.2., and exact notice board. Wire location of site selected to G.S.C. Office.

The 15th. Field Coy. will arrange to carry out work as set forth in sub-para. a, b, c, d, and e.

The 14th. Field Coy. will arrange to carry out :
 (a) Work as set forth in sub-para. a, of para. 2, but in the Divisional Area West of North and South Lane between 'G' and 'H' Squares.
 (Sheet 823), and East of LE GARDIEN - HANCOCK line of trench.
 (b) Work as set forth in sub-para. b, of para. 2.

Report on wells in the form laid down at G.S.C. Conference of 27th. August, will be forwarded to G.S.C., and reported to Brigades.

The R.M. Dump is now located at G.I.C. 8.10.2.7.8. and material may be drawn by Engineer Officers, if required. This will be moved toward as soon as possible on 28th day to vicinity of G.I.C. 8.2.

G.S.C. Office is located at G.I.C. 8.2. (Sheet 823).

Engineer Companies and Pioneers to ACKNOWLEDGE.

Lieut-Col. A.E.
 G.S.C.
 5th. Australian Division

SECRET

ORIGINAL. 32
APPENDIX No 32.

APPENDIX No. 32

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14TH. FIELD COMPANY ENGINEER ORDER NO. 3.

Ref. Map. Sheet 62B N.W. 1/20,000.

28/9/18.

In accordance with C.R.E. Instructions No. 47 and 48A. & 48a.
The 14th. Field Company will take part in major operations on 2. day to be notified later and will be in Divisional Reserve and affiliated with 14th. Infantry Brigade.

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1. Assembly and Times for moving forward will be notified.
2. Routes :- All detachments going forward from Company Headquarters will proceed under Brigade arrangements along BLACK Road or its vicinity until within Reconnoitring Area.
3. Reconnoitring Area will cover a belt of country across whole Divisional Front from LE CATELET - NAUROY Trench Line as Western Boundary and NORTH -South Grid Line (A-B, G-H) as Eastern Boundary.
4. Lieut. BROWN with No. 3 Section will reconnoitre Northern Sector bounded by BLACK Road (inclusive) on South and Lieut. MORRISON with No 4 Section will reconnoitre the Southern Sector extending as far South as consistent with safety depending on extent of captured area on Right Flank. This will require careful Reconnaissance.
5. Advanced Company Headquarters and Report Centre will be established as early as possible at G. 11. b. 8. 3. and Lieut. BEST will be temporarily in command there and will receive all messages and coordinate same and forward to C.R.E. Centre and to Brigade Headquarters locations of which will be notified.
6. The Two forward Sections will march out on 2. Day as follows :-
No. 3 Section in rear of 54th. Battalion and No. 4 Section in rear of 55th. Battalion proceeding along BLACK Road in column of route as far as Section Officers judge expedient. On reaching Reconnoitring Area parties will proceed forward at once to special features to which they have been detailed, reporting back as early as possible to Advanced Company Headquarters at G. 11. b. 8. 3. Section Officers will ride and all Section Cycles will be taken (Weather permitting).
Pack Animals will go forward also with Sections loaded as will be directed later.
7. Section Limbers will proceed to Advanced Company Headquarters at earliest possible moment and park with Sections. Bot Forward

258 Sections will rendezvous at Advanced Company Headquarters and bivouac after completion and await further orders.

8. Lieut. GRANT will remain in command at Rear Company Headquarters and will be responsible for Transport arrangements.

9. Lieut. MACDOUGALL will proceed forward at 2 pm. to Advanced Company Headquarters at ^G M. 11. b. 8. 3. in charge of Three Limbers and One Tool Cart and report for Lieut. BEST for further Instructions.

10. These Orders are issued subject to conditions laid down in C. R. E. Instructions Nos. 47, 48 & 48a. and 14th. Infantry Brigade Battle Instructions Series "E" which all Officers will carefully note.

(Sgd) J. COUGHLAN Major.

O. C. 14th. Field Company A. E.

Distribution :-

- No. 1 Copy C. R. E. 5th. Aust. Div.
- No. 2 Copy 14th. A. I. Brigade.
- Nos. 3, 4, 5, 6, 7, 8, 14th. Field Coy. A. E.
- Nos. 9, 10, 11. War Diary.

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List Of Receipts and Returns for Month of September 1918.

The following is a list of Articles Received from D. A. D. O. S:-

Jackets S.D.	10	Flannelette	Yds. 120
Pants Cord M.S.	9	Rods Measuring 6'	2
Breeches D.S.	--	Twine Whipping	Lbs 3
Great Coats D.S.	1	P.S.G.S.:-	
Hats Felt.	10	Girths Steadying	1
Puttees	15	H.P.G.D.S:-	
Boots Ankle.	10	Traces Wire Adj. Prs	1
Laces Boots Ankle	50	Bars Supporting P.D.No. 3.	2
Sheets Ground	4	Poles Draught No. 7.A.	1
Tins Mess D.S.	10	Perches Wagon Limb.G.S.	1
Bottles Water	) Battle 12	Wheels	5
Carriers Bottles Water	) Stores 12	Bins Linch	24
Covers Mess Tin D.S.	8	Soles Leather Half Billed	75
Chevrons Long Service Blue	750	Rivets Iron 7/8"	Lbs 7
" " " Red	6	Blocks Brake F & T.	12
S;B. Respirators.	16	Wagons Limb fore	1
Braces	20	" " Hind	1
Bags Nose.	40	Axle Tree (for Pontoon Wagon)	1
Nets Hay	50	Hoops Bale (for Mess. Cart)	
Shoes Horse	Cases 6	Sets	1
" Mule	" 1		
Knives Searchins	3		
Knives Farmers	3		
Chains Neck	12		
Collars Head	12		
Compasses Prismatic	1		
Clippers Horse	2		
Bicycles Repaired	2		
Tyres Bicycles Outer Covers	12		
" " Inner Tubes	12		
Soap Bars.	50		
Clamps Saddlers.	1		
Cleaners Gas Regl.	1		
Cordage White 2 1/2"	Faths. 30.		
Lines Hambro	2		
Steel Tool 1/2" x 1 1/2"	Lbs. 16		
" " 3/4" Square	" 8		
Lashings Tarred 1" x 30'	3		
Hammers Claw	3		
" Miners 7 Lbs.	2		
" Rivetting	2		
" Masons Mash	1		
" Smiths Setting	1		
" Rules Smiths	1		
Pliers Sidecutting	7		
Rivets Steel 1/4" x 4"	Lbs 3 1/2		
Augers Carp.	5		
Awls Blade Brad.	12		
Handles Awls Blade Brad	2		
Pencils Carp.	72		
Points Mason	1		
Chisels Cold	1		
Planes Jack	1		
Files Bastard 8"	1		
Bits Carp	24		
Fullers Smiths.	2		
Cutters Wire.	2		
Grindstones F.S. 14"	1		
Screws Iron F.H.	240		
Blocks & Tackle	1		

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The following is a list of articles returned to Salvage and A. S. C.
for month of September 1918 :-

Jackets S. D.	9
Pants Cord M. S.	12
Breeches D. S.	1
Great Coats D. S.	2
Hats Felt	7
Puttees Prs	16
Boots Ankle	10
Sheets Ground	4
Tins Mess D. S.	4
Bottles Water	30
Carriers Bottles Water	25
S. B. Respirators	13
Braces.	13
Collars Head	6
Compasses Prismatic	62
Bicycles Outer Covers	6
" Inner Tubes	7
Wheels 200	5
Hoops Bale Sets	1
Reins Bit Prs.	1
Blocks Brake F & T	4
Swingle Trees	1
Helmets Steel	1
Holdalls	2
Jackets Card	1
Packs Web	8
Suits Anti-Gas	4
Saddles Universal	1
Rifles	1
Grind Stone F. S. 14"	1

TO A. S. C.

Bags Bread	51
Bags Oat	94
Fat Rendered	Lbs. 30

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SICK REPORT

14th. Field Company A. E.

SEPTEMBER
1918

1. Attendances for Month on Sick Parade. :-

- (a). M. D. = 8.
- (b). L. D. = 21.
- (c). N. D. = 30.

2. Total Number of Evacuatiions = 30

- (a). Sickness = 2 (Influenza = 1. Urethral Chancre = 1.)
- (b). Wounded = 15 and 1 (Died of Wounds.)
- (c). Gassed = Nil.
- (d). Accidental Injuries. = 2 (1 Scalded Foot 1 Kick from Horse)

3. Wounded and not Evacuated = 1.
Gassed Do. = 2.

4. Deaths.
(1.) Gas = Nil.
(11.) Shell etc. = 3.

5. Total Number of Scabies = NIL.

6. Total Number of Gastric Cases = 5
Gastritis = 1. Diarrhoea = 4

7. Total Cases (marked in each Case). = 4
I. Trench Fever = Nil. II. Influenza = 4 III. P. U. O. = NIL.

8. No. of Dental Cases = 13.

9. Rejoined from Hospital = 4 Evacuated to Hospital on U. K.
Leave = 8.
Evacuated to Hospital whilst Detached from Unit = 2

Nett Loss to The Company = 28.

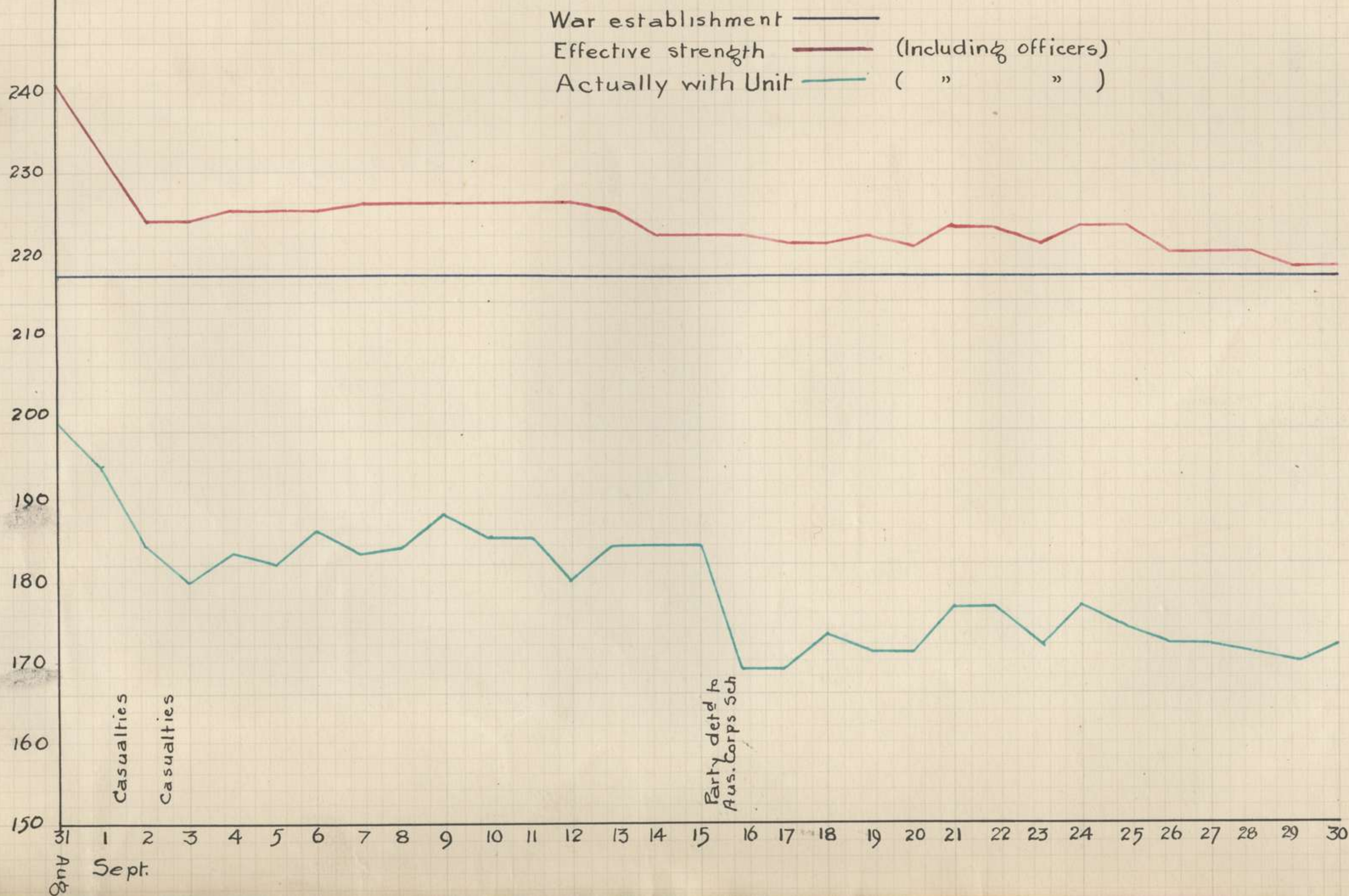
(Sgd.) I/Cpl. BYWATER G. C.

14th. Field Company A. E.

GRAPH

STRENGTH OF UNIT FOR SEPT. 1918

14TH FIELD COY A.E.



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APPENDIX 35
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