

AWM4

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

Engineers

Item number: 14/9/10

Title: Headquarters 3rd Australian
Divisional Engineers

April 1918



AWM4-14/9/10



18,000-12/1 -8723

139

CONFIDENTIAL.

ORIGINAL.
~~DUPLICATE.~~
~~TRIPLICATE.~~

Australian Imperial Force.

WAR DIARY

OF

H.Q. 3RD AUSTRALIAN DIVISIONAL ENGINEERS

FOR

A P R I L 1918

Signature of Officer compiling

W. Deane

Signature of Officer Commanding

A. B. told Meyer



Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II. and the Staff Manual respectively. Title pages will be prepared in manuscript.

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Headquarters
3rd Australian Divisional Engineers
Australian Imperial Force

Army Form C. 2118.

100

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ST GRATIEN	1/4/18		CRG office moved from FRANVILLERS (2-30 pm) to ST GRATIEN (4-30 pm)	Q10
	6/4/18	12 noon	GOC Australian Corps assumed command VII Corps front	Q10
	7/4/18		The three Companies of the 3 rd Pioneer Battalion employed under the supervision of the CRG were distributed thus:- 1 Company with each forward brigade 1 Company on emergency tracks and forward roads.	Q10
	11/4/18		From 1/4/18 to 11/4/18 CRG Lt Col I Rwaniano DSO reconnoitred Divisional Area.	Q10
	12/4/18		CRG reconnoitred front line of Second zone of defence from LA NEUVILLE to RIBEMONT and inspected emergency routes over the R. ANCRE from CORBIE to HEILLY.	Q10



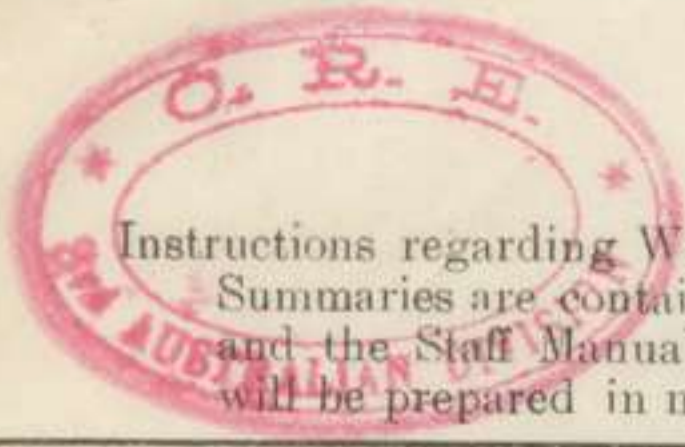
Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Headquarters
3rd Australian Divisional Engineers
Australian Imperial Force
Army Form C. 2118

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ST GRATIEN	13/4/18		1 Officer and 1 Surveyor detailed to reconnoitre Rear defences and prepare plans of same in order to keep Division in touch with all works in progress in Rear zone	G.D.
	14/4/18		From 12 th to 14 th April an average of 6 vehicles have been carting R.E. material from QUERRIEU to Transit Dump BONNAY CRE reconnoitred Bridgehead line in front of BONNAY and inspected all posts of LA NEUVILLE - HEILLY line.	G.D.
	15/4/18		CRE reconnoitred left flank defences mostly 4 th line and Bridgehead line for MERICOURT. Also reconnoitred Bridgehead line from HEILLY to BONNAY. Inspected emergency route between HEILLY and MERICOURT.	G.D.
	16/4/18		CRE in company with GSO1 3 rd Aus Div and CE Aus Corps inspected 2 nd Zone defences and suggested improvements in the following matters: - @ Parados in parts too low at present giving a silhouette	G.D.



Instructions regarding War Diaries and Intelligence
Summaries are contained in F. S. Regs., Part II.
and the Staff Manual respectively. Title pages
will be prepared in manuscript.

Headquarters
3rd Australian Divisional Engineers
Australian Imperial Force
Army Form C. 2118
139

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ST GRATIEN	16/4/18		@(cont ^d) of defending garrison (b) CTs too straight in general direction (c) fuel of fire too short	Q10
	17/4/18		CRQ went to 11 th Aus Inf Bde in connection with present bad organisation of posts - the various systems being difficult to pick out.	Q10
	17/4/18		CRQ gave O.C. 2 nd Tunneling Company details of bridges and inspected the bridges with him	Q10
	19/4/18		Lt Col J.R. Williams DSO proceeded to Australian Corps H.Q. for duty. Major H. Backford DSO came from 11 th Field Coy A.E. to H.Q. 3 rd Aus Div Engineers as acting CRQ	Q10
	19/4/18		Lt Col Williams and a/crs Major Backford went round 9 th 10 th + 11 th Tunnelling Companies and 3 rd Pioneer Battalion	Q10



Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Headquarters
3rd Australian Divisional Engineer
Australian Imperial Force
Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ST GRATIEN	20/4/18		Lt Col Williams and A/CRG went to see the Chief Engineer, Aus Corps.	QD
	21/4/18		A/CRG went round the left brigade sector and decided on the linking up of the existing works near Sugar Factory Sheet 62° D.27.6.7.1. (500 yards north of RIBEMONT SUR L'ANCRE) with the 2 nd Aus Div's works at approx sheet 62° D.22.9.6.0.	QD
	21-22/4/18		The Southern boundary of the 3 rd Aus Div's front - the boundary between the 3 rd & 5 th Aus Divs - altered from R. SOMME to the East West grid line between J24 and 30 Sheet 62°.	QD
	22/4/18		A/CRG went round right brigade sector and decided on the construction of a continuous line through the following points. Sheet 62° J.22. central, J.17c.0.0, J.17a.4.1 and thence along old French system 3 rd Aus Pioneer Battalion redistributed on work as follows: - Right Brigade Area: 2 Companies less 1 platoon on above line : 1 platoon on roads and emergency tracks	QD



Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Headquarters
3rd Australian Divisional Engineers
Australian Imperial Force Army Form C. 2148.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
STGRATIEN	22/4/18		Left Brigade Area: 2 Companies less 3 platoons on line from SUGAR FACTORY Sheet 62 ^D D.27.b.7.1 to D.22.a.6.0. : 1 platoon - roads : 1 platoon screening roads : 1 platoon deep dugout for Battalion HQ at J.11.a.6.9 Sheet 62 ^D .	G.D.
	22-23/4/18		The northern boundary of the 3 rd Aus Div front - the boundary between 2 nd & 3 rd Aus Divs - altered from line running west through Sheet 62 ^D D.30.b.0.2 to the East West grid line through E19 central.	G.D.
	23/4/18		A/CRS went round front line posts of the second zone I.22.c, I.22.b, and J.1.b. Sheet 62 ^D and arranged for wiring same. Commenced on preliminary arrangements for being relieved by 4 th Aus Div.	G.D.
	24/4/18		In the morning the A/CRS arranged all details with CRS 4 th Aus Div re relief of Pioneers and Sled Companies. The relief was subsequently cancelled on account of enemy attacking VILLERS BRETONNEUX.	G.D.



Headquarters
 3rd Australian Divisional Engineers
 Australian Imperial Force Army Form C. 218.

WAR DIARY
 or
 INTELLIGENCE SUMMARY.

(Erase heading not required.)

Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II. and the Staff Manual respectively. Title pages will be prepared in manuscript.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
STGRATIEN	24/4/18		9 th Field Company moved from Sheet 62 ^D 1.27.695 to 1.5.9.3.6 near FRANVILLERS and 11 th Field Company from BONNAY to Sheet 62 ^D 1 11C 2.1 on account of being gns shelled. Divisional Dump (R.E.) at BONNAY moved to 110d88 also on account of gns shelling	GLO.
	25/4/18		4/CRE went round the Field Companies in the afternoon. 10 th Field Company commenced construction of an additional emergency track across ANCRE VALLEY. Track follows route Sheet 62 ^D J13994 J7000 112691	GLO.
	27/4/18		4/CRE went round with CO. 3 rd Pioneer Battalion and inspected Bridge Head line in Sheet 62 ^D J19, 13, 14 and 8. It was decided to link up certain posts to form 4 Company posts	GLO.
	28/4/18		4/CRE went out with CO 3 rd M.G. Battalion round left brigade area re soring of positions for deep dugouts for machine gun nests. Also went round	GLO.



Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

WAR DIARY
or
INTELLIGENCE SUMMARY.

Headquarters
3rd Australian Divisional Engineers
Aus Imp Force
Army Form C. 2118.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ST GRATIEN	28/4/18		ANCRE VALLEY defences between HEILLY and RIBEMONT and decided on extension of existing SPs and digging of more SPs. 9 th Field Company put on to this work with 200 men from Reserve Brigade	
	28/4/18		Major H.H. MONTGOMERY taken on strength vice Capt J.W. YOUNG as RMO	
	29/4/18		a/c RE went round right brigade area with CO. 3 rd MG. Battalion and fixed three positions Slat 62° J11C86 J17A34 and J23 d 3.3 for deep dugouts for machine gunners	
	30/4/18		CRG office situated at ST GRATIEN	



WAR DIARY

OF

HQ 3RD AUSTRALIAN DIVISIONAL ENGINEERS

FOR

APRIL 1918

LIST OF APPENDICES.

No.	Subject.
1	Report on Bridges 2/4/18
2	Cores. - Instructions to Field Companies etc 3/4/18 - 7/4/18
3	Instructions to 3 RD Pioneer Battalion re works
4	3 RD Div Engineer Instruction No 9
5	3 RD Div Engineer Instruction No 10
6	CR's Works Memos Nos 1 - 6
7	List of dugouts
8	Plan showing footbridges constructed over SOMME
9	Plan showing 3 RD Aus Div front to 20/4/18
10	Plan showing 3 RD Aus Div front 30/4/18



REPORT ON BRIDGES.

Appendix 1

139

Bridge	Location	Description.	Responsibility.	Charges, Remarks, etc.
A	I.33.c.6.1.	Light girder bridge, span 25' width 12', 4/12" x 3" R.S.J.	9th. Field Co. A.E.	Not prepared for demolition. This bridge not considered of tactical importance.
B	I.33.d.0.0.	Light girder bridge, span 14' width 12', 4/9" x 3" R.S.J.	11th. Field Co. A.E.	Prepared for demolition.
C	I.33.d.7.7. LA NEUVILLE.	Three girders and jack arches Total span 21'6".	11th. Field Co. A.E.	Charge 65 slabs guncotton. 15 slabs per girder and 20 slabs in trench across road on top of jack arches. I.F.
D	0.5.c.4.7. CORBIE.	Single span 30', 3 girders & jack arch bridge with supported footpath each side.	11th. Field Co. A.E.	Charge 69 slabs. 21 slabs on each girder and 3 slabs on each of two light girders supporting footpath. E. & I.F.
E	0.5.c.4.4. CORBIE.	Single span 45', 3 girders & jack arches 16' roadway and supported footpath of 4' each side of light channel irons.	11th. Field Co. A.E.	Charge 75 slabs guncotton. 21 slabs on each of out side main girders, on centre girder 27 slabs and 3 slabs on each of footpath girders. I.F.
F	0.5.c.2.0. CORBIE.	Single span brick arch, 25' span, arch ring 2'3" thick. Roadway 16', 4' sidewalk on light beams.	11th. Field Co. A.E.	Charge 94 slabs guncotton, 75 slabs laid in trench on top of arch and pave replaced. 5 slabs on each of the 4 beams carrying sidewalk. I.F. <i>arranged for electric firing 6/4/18. Fuse disconnected</i>
G	0.10.b.9.9. CORBIE.		11th. Field Co. A.E.	
H	0.4.d.6.4.	Reinforced concrete, 3 spans each 24'. 10' roadway.	9th. Field Co. A.E.	Prepared for demolition.
I	0.2.b.6.2.	Railway Bridge.	French.	Prepared for demolition.
J	J.34.b.4.2. BOUZENCOURT.	Bridge 7. Iron davit lift.	11th. Field Co. A.E.	Charge 26 slabs guncotton placed on main girder. Partly demolished by shell fire. Passable for infantry and not for vehicles. E. <i>demolished 7/4/18.</i>

W.M. D.



139

Bridge.	Location.	Description.	Responsibility.	Charges, Remarks, etc.
K	I.23.b.35.60. BONNAY.	Two masonry arches with central pier 5'6" thick, arch ring 15" Width of roadway 15'6".	11th.Field Co. A.E.	Charges 210 slabs guncotton placed on crown of arches in gutter through roadway, 110 slabs on S. end. 100 slabs on N. end. I.F.
L	I.23.b.6.3. BONNAY.	Reinforced concrete bridge. 4 girders 12" x 12".	11th.Field Co. A.E.	Charge 32 slabs guncotton, 8 slabs placed on each girder. Charges 7'3" from N.end.I.F.
M	I.23.d.7.6. BONNAY.	Bridge over railway. Brick arch span 24'6", width 23' roadway 20', arch ring 27".	11th.Field Co. A.E.	Charge 300 lbs. ammonal, 80 slabs guncotton, placed in trench on top of arch. E.&.I.F.
N	I.17.d.9.3.	Span 15', width 11'. Brick abutments 6(?)'-7" steel rails. 9" round logs for decking.	10th.Field Co. A.E.	Not charged. Transport cannot get right across river here as there are 4 arms and only one bridged.
O	J.7.b.0.4.	Foot lift bridge, very frail, 2' roadway.	10th.Field Co. A.E.	Not charged.
P	J.7.b.2.7.	Brick bridge with extension on eastern side, built of wooden lattice girders supporting bearers and footway.	10th.Field Co. A.E.	Charge 51 slabs in three courses laid across road over brickwork (a charge of 13 slabs is in position under woodwork laid by English Troop Coy.) Charge not laid yet.
Q	J.7.b.1.9.	Concrete bridge.	10th.Field Co. A.E.	Charge 122 slabs guncotton laid in trench across road. Charge not laid yet.
R	J.3.c.9.8.	Single brick arch, 2 girder arch ring 21", span 21' total length 39', width 18'.	10th.Field Co. A.E.	Charge 288 slabs each haunch.
S	J.4.a.2.5.	Single brick arch. Width 21' arch ring 12". Span 9'. Total length 18'	10th.Field Co. A.E.	Charge 122 slabs laid across crown of arch. This water-course fordable anywhere at present.
T	J.4.a.7.1.	Steel girdered bridge in brick piers. 3 main girders with steel rails underneath supporting flat arched brick flooring.	10th.Field Co. A.E.	Charge 8 slabs per girder.

add

10

10



Bridge.	Location.	Description.	Responsibility.	Charges, Remarks, etc.
U	J.4.b.7.4.	Stone arched railway bridge, 2 spans, total span 42' width 23', total length 50'. Keystones 24"x 10". Ring stones 15"x 10".	10th. Field Co. A.E.	Charges, 200 slabs guncotton each haunch of arch.
W	D.29.d.50.05.	6 I Beams 9" x 4"	10th. Field Co. A.E.	Charge 31 lbs. per beam on webs.
X	J.5.b.8.8.	Stone arch bridges. 15' span 15" ring.	10th. Field Co. A.E.	Charge 30 lbs. on each haunch 3' from springing.
Y	D.30.d.6.8.	Composite Bridge. Side bearers 3. Timber 12" x 6". Central steel girder 16" x 8" x $\frac{3}{4}$ ".	10th. Field Co. A.E.	Charge 5 lbs. each laid on timber beams. charge withdrawn spec 3/4/18

NOTE: E in remarks column denotes electric demolition.
 I.F. " " " " instantaneous fuze.

1 slab of guncotton - 15 oz.

Signed J. Williams Lieut Colonel
 CRE 3rd Australian Division

April. 2 1918.

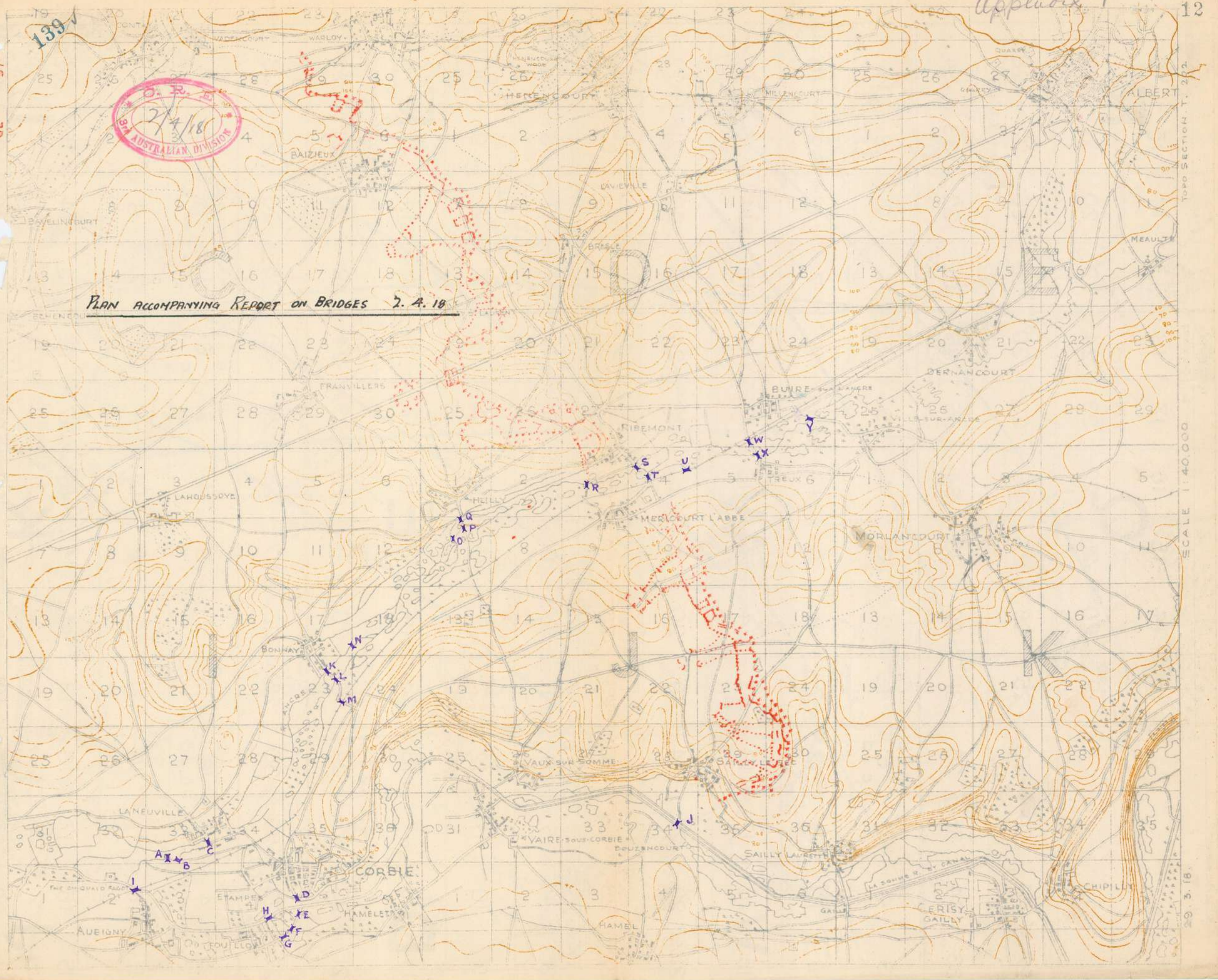
W.H.S. D.

62° 57'

139



PLAN ACCOMPANYING REPORT ON BRIDGES 2. 4. 18



TOPO SECTION T. 202

SCALE 1:40,000

20. 3. 18

Appendix 2

To 9th. Field Co. From C.R.E. 3rd. A.D. E 81/30 3.4.18.

- (1) Please detail 2 Sappers to repair well at Div. H.Q. St. GRATIEN as soon as possible. Report to C.R.E. Office with rations (at least 48 hours)
- (2) Will you please dismantle the two Nissen Huts on the road at Dump (in Quarry) at entrance to LA NEUVILLE (C.33.b.10.50) and report when they are dismantled.
- (3) Report to this office when the scheme of defence of roads from LA NEUVILLE is complete, i.e. as far as trenches are concerned. Treat this as urgent as Corps are inquiring. No need to wait until wire is in, that can go on after the ground is made defensible.
- (4) Send in a 20000 scale map shewing detail of trenches and defences in your Brigade area.

sgd. T. R. WILLIAMS. Lt-Col.
C.R.E. 3rd. Aust. Division.

To 10th. Field Co. From C.R.E. 3rd. A.D. 3.4.18.

- (1) Please furnish this office as soon as possible (Scale 20,000) with a plan of your Brigade area shewing all lines of defence. This includes all trenches in the area as far back as the ANCRE (This is urgent.)
- (2) G.S.O.1. reports that the posts of your switch line leave a too limited field of fire. Could not some adjustment be made to make the fire sweep all low ground before the enemy could make the ascent of the rising ground.
- (3) Collect all barbed wire from BONNAY allotted to you and report to Brigade so that they can carry on the good work.
- (4) In the case of emergency routes preference is to be given to a track towards BONNAY. Is there anything possible between 18.b. and 12.a.?
- (5) Send in a daily works report.
- (6) Regarding bridge at BUIRE. If you consider it sufficiently demolished to deny any sort of traffic you can remove your guard taking care re charges etc.

sgd. T. R. WILLIAMS. Lt-Col.
C.R.E. 3rd. Aust. Division.

To 11th. Field Co. From C.R.E. 3rd. A.D. 3.4.18.

- (1) Please furnish this office with a plan shewing all defences in your Brigade area back to the ANCRE. This is urgently required (Scale 20,000)
- (2) In the case of emergency ~~tracks~~ routes your flank (BONNAY) is the more important owing to the rear alternate gun positions. I suggest your putting in one from BONNAY to HEILLY (the 10th. are also doing one) and two between BONNAY and LA NEUVILLE. Give a sketch showing proposals as soon as reconnoitred, and carry on the work with all available sapper labour. Did you get any Pioneers as I think there is a $\frac{1}{2}$ Company available for this work, in fact the new C.O. made a mistake himself in regard to it.
- (3) Let Brigade know about wire and pickets available. Screw pickets for front line work first.

sgd. T. R. WILLIAMS. Lt-Col.
C.R.E. 3rd. Aust. Division.

To 10th. Field Co. Aust. Engrs.
11th. Field Co. Aust. Engrs. E 233 5.4.18.

Establish proper liaison between Field Coy. and Brigade and arrange for Field Coy. officer to be with Brigade.

From C.R.E. 3rd. A.D.

To O.C. 9th. Field Co. E 68/9/17 5.4.18.

Re note of 4th. inst. reference two footbridges constructed by you recently - arrangements should be made to destroy these at any instant by your Company.

sgd. G.E. TEAGUE. Lt. & Adj. for C.R.E.
3rd. A.D.

To O.C. 9th. Field Co. E 68/9/18 5.4.18.

Please arrange to establish proper liaison between Field Coy. and Brigade and arrange for Field Coy. officer to be with Bde.

sgd. G.E. TEAGUE. Lt. & Adj. for C.R.E.
3rd. A.D.

To
3rd. Aust. Division E 234 5.4.18. CHJ 118.

Bridge at BOUZENCOURT was destroyed by 11th. Field Coy. this morning .

From C.R.E. 3rd. Aus. Div.

G. 3rd. Aus. Div.
H.Q. 3rd. Div. Arty. E 236 5.4.18.

The following emergency routes are being constructed

- (a) J.7.a.7.6. to J.7.d.4.5.
- (b) I.17.d.1.8. through I.18. over railway to MERICOURT-CORBIE Road.
- (c) 700x South of BONNAY.

From C.R.E. 3rd. A.D.

To 9th. Field Co. E 237 5.4.18.

Expedite construction of bridge already commenced between VAUX and VAIRE aa Reported that rafts used in this locality have been damaged hence your barrel bridge is urgently required aa Also make arrangements and construct two other light bridges in this locality for lateral communication aa Get in touch with 15th. Bde. and 10th. Bde. on this and report when these are complete aa Brigade report no sappers on the job this morning. Please explain this.

From C.R.E. 3rd. A.D.

To C.E. 7th. Corps. E 238 5.4.18.

Bridge at J.34.b.4.2. demolished last night by Field Co.

From C.R.E. 3rd. A.D.

To "G" 3rd. Aus. Div. E 239 5.4.18.

Trenches between I.28.a. and I.31.a. now defensible aa wiring roads leading out of LA NEUVILLE.

From C.R.E. 3rd. A.D.

To C.R.A. 3rd. Aus. Div. E 241 5.4.18.

The following emergency routes are open to traffic -

- (a) J.7.a.7.6. to J.7.d.4.5.
- (b) I.24.b.1.9. to I.17.d.2.9.
- (c) The track 700x South of BONNAY I.22.b.5.0. to I.29.b.55.80.

From C.R.E. 3rd. A.D.

139

Appendix P5

"3"

To C.R.A. 3rd. Aus. Div. E 242 5.4.18.

Emergency route at J.2.c.3.1. now open for traffic.

From C.R.E. 3rd. A.D.

To "G" 3rd. Aus. Div. E 243 5.4.18.

The following emergency routes are now open for traffic.-

- (a) J.2.c.3.1.
- (b) J.7.a.7.6. to J.7.d.4.5.
- (c) I24.b.1.9. to I.17.d.2.9.
- (d) I.22.b.5.0. to I.29.b.55.80.

From C.R.E. 3rd. A.D.

To O.C. 9th. Field Co. E 68/9/17. 7.4.18.

Reference Bridge B and H.

Bridge B - Let this bridge remain as at present under 11th. Field Co. control.

Bridge H - 9th. Field Co. supply the sappers for demolition under Lieut. Thomas of 11th. Field Co. Also when SOMME Bridges are handed over this will be included in the hand over. This handover may take place any day now. When it does the 9th. Field Co. will take over the LA NEUVILLE Bridges. The tactical position does not allow of a handover at present.

Will you please inform 11th. Field Co. of Bridge H and give sappers instructions accordingly.

sgd. T. R. WILLIAMS. Lt-Col.

C.R.E. Ig. 42 6.4.18.

G.O.C Aust. Corps assumed command 7th. Corps front at 12 noon
aaa addressed all concerned

From 3rd. Aus. Division.

③



①
THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.



13th. April. 1918.

C.O.

3rd. Pioneer Battalion.

As your "A" Coy. is being relieved from trench duties, I have some work for them to do.-

- (1). Screening of roads in and around HEILLY to screen traffic from balloon observation. This can be done by screens along trees and across streets (on FRANVILLERS ROAD). Camouflage and Hessian can be obtained from QUERRIEU DUMP, and we will advise you when you can draw it.
Also the roads in the immediate vicinity of BONNAY, any place where screens can be of service along the roads put them in - 1 platoon.
- (2). FRONT LINE - SECOND ZONE - From D.27.c.& d. to J.1.b.7.5. connecting on to spit locked works marked out by 9th. Field Coy.- This line is to cover the Valley of the ANCRE and will be dug as a series of posts (1½ platoons) or strong points with 8 pace fire bays and 8 pace traverses. This work on the left should connect with some line tactically of the 2nd. Division - or 10th. Brigade on the North side of the ANCRE - (The 9th. Field Coy's last post is at J.1.b.7.5.) Also expand this work in depth with Strong Points - 2 Platoons.
- (3). One platoon on improving emergency tracks with the other platoon already engaged - If a proper reconnaissance is made between HEILLY and BONNAY, sufficient material suitable for tracks can be found already cut and prepared in small bundles. It is not desired to cut down many trees for this work. In places a few loads of lime-stone could be used, try and make the tracks as passable as possible with material at hand.
Allot the platoons as follows -
One - HEILLY-BONNAY.
One - BONNAY-CORBIE.
Make fascines out of all material available.

J. Williams

Lieut-Colonel.

C.R.E. 3rd. Aust. Division.



②

Appendix 3



THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.



24th. April, 1918.

C. O.

3rd. Pioneer Battalion.

Please commence the construction of 2 O.P. deep dugouts, one for the right artillery group (8th. Army Brigade, C.O. Lt-Col. Allsop) and the other for the left artillery group (6th. Army Brigade, C.O. Lt-Col. Cohen).

Each dugout will have two entrances at 40' centres; 20' of cover required.

Wire this office map locations of sites directly they are fixed after consultation with the group commanders.

All work will be camouflaged.

sd/H. BACHTOLD.

Major.-

A/C.R.E., 3rd. Australian Division.



(3)



THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.



27th. April, 1918.

C.O.
3rd. Pioneer Battn.

Please put in hand at once construction of a
tunnelled dugout for a Battalion Headquarters in quarry at J.9.b.8.2.
Two entrances to be provided at 40' centres. 4 chambers 8'x 6' with
20' of cover off connecting gallery required.

sd/H. BACHTOLD. Major.-
A/C.R.E. 3rd. Australian Division.





THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.



29th. April, 1918.

3rd. Pioneer Battalion.

"G" Branch) For information.
3rd. M.G. Battalion) "

Please put in hand forthwith the construction of 6 tunnelled dugouts for the 3rd. Machine Gun Battalion.

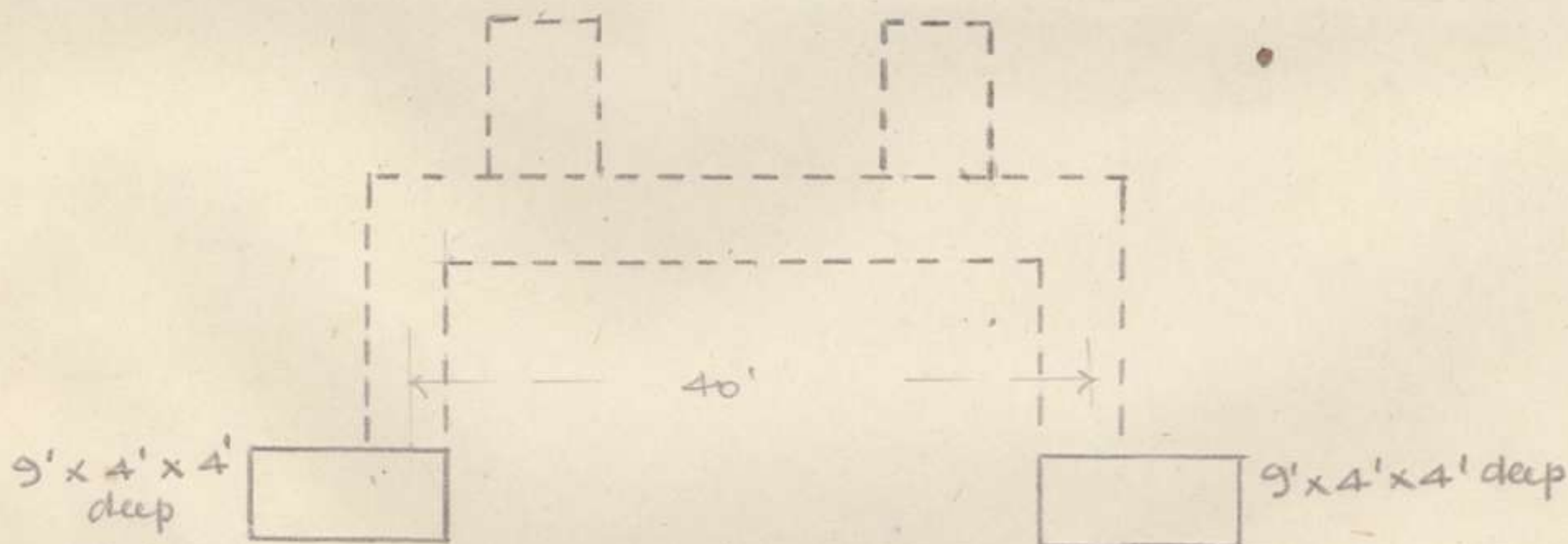
The C.O. 3rd. M.G. Battalion will fix the exact sites, approximate locations and the order in which they will be started is as follows:-

No. 6	Dugout.	D.30.b.4.6.
No. 2	Dugout.	J.17.a.3.4.
No. 4	Dugout.	J. 5.a.2.2.
No. 3	Dugout.	J.11.c.8.6.
No. 5	Dugout.	D.28.b.7.3.
No. 1	Dugout.	J.23.d.3.3.

Dugouts Nos. 2,3,4 & 6 will be dug off existing trenches and will consist of 2 entrances at 40' centres, connected by a 6'x 3' gallery, 2 chambers each 9'x 6' to be dug off gallery, and each fitted with 6 bunks. Cover to be 15' in chalk increasing to 20' in ordinary soil. Spoil will be got rid of by filling in trenches of no use, and carrying along trench and thickening judiciously the parapet and parados.

Dugout No. 1 is an old French dugout. New steps and 2/9'x 6' chambers are to be put in. Spoil got rid of as above.

Dugout No. 5 is out in the open, 2 nests each 9'x 4' x 4' deep at 40' centres will be first dug and revetted, and entrances started from these. Spoil will be dumped in an adjacent quarry.



An officer is to be in charge of the construction of each dugout, and special orders are to be given to him to the effect that concealment of work is of first importance. The officers will be held responsible that the work does not stand out in air photographs.

On completion, assistance is to be given, if required, to the machine gunners with the revetting of their emplacements, leveling off of parapets of trenches which block their field of fire, and the cutting of lanes in woods.

sd/H. BACHTOLD. Major.-
A/C.R.E. 3rd. Australian Division.



COPY.

-S-

SECRET Copy No. 8.

Australian Corps.
14th. April, 1918.

INSTRUCTIONS FOR THE DEFENSIVE No. 10.

DEMOLITIONS.

1.- Instructions for the Defensive No, 3, excluding the map therewith, are cancelled.

2.- DEMOLITION OF ROADS AND BRIDGES.

(i) A map was issued with Instructions for the Defensive No. 3. showing the points at which preparations have been, or are being, made for the demolition of roads and bridges.

These maps will be kept up under divisional arrangements.

(ii) Attached hereto are the following tables :-

- Table 'A'. Road Demolitions.
 Table 'B'. Bridges over River HALLUE prepared or to be prepared for demolition.
 Table 'C'. Bridges other than over River HALLUE prepared or to be prepared for demolition.
 Table 'C1'. Bridges being dealt with by Transportation or French Authorities.

These show the allotment for responsibility for guarding, for the issue of order to demolish, and for actual demolition.

The demolitions already shown on the map issued with Instructions for the Defensive No, 3, are underlined in blue and in these tables

Revised tables will be issued from time to time and revisions will indicate additions and alterations.

3.- RESPONSIBILITY FOR DEMOLITION OF ROADS.

(a) 180 Tunnelling Company R.E. will be responsible for guarding and for actual demolition of all road craters. Orders for the demolition will be given by the Divisions detailed in Table 'A'.

(b) Divisions requiring any additional craters will forward their recommendation for decision.

4.- RESPONSIBILITY FOR DEMOLITION OF BRIDGES.(a) River HALLUE.

238 A.T. Company R.E. will be responsible for guarding and for actual demolition of all bridges on the River HALLUE from N.5.d.2.9. to Corps Northern Boundary. Orders for the actual demolition will be given by C.E. Australian Corps. See Table 'B'.

(b) 2nd. Australian Tunnelling Company A.E. will be responsible for guarding and for actual demolition of all bridges in the Australian Corps Area, with the exception of :-

Those detailed in paragraph 3 (a).

Bridges controlled by Third Corps.

Bridges controlled by Transportation and French Authorities (see Table 'C1').

The attached table 'C' gives the detailed list of bridges and full particulars of "responsibility for actual demolition" and "responsibility for orders for demolition".

Orders for actual demolition will be given by the Divisions.

5.- ORDERS FOR ACTUAL DEMOLITION.

Units will carry out the actual demolition when orders are received from the formation responsible.

Os. C. Units will arrange to keep in constant touch with formations responsible.

In the event of the enemy appearing at close quarters before the orders are received then the officer or N.C.O. in charge will destroy the bridge or crater at his own discretion.

Units will be given definite written instructions to this effect.

6.- FIELD ENGINEER FOR DEMOLITIONS.

Captain BURNELL, M.C., A.E. has been detailed by Chief Engineer as Field Engineer for demolitions and all formations and units will give him every facility to keep in touch with the work and arrangements.

7.- ACKNOWLEDGE.

sd/A. M. ROSS. Lieut-Col.
for Brigadier-General.
General Staff,
Australian Corps.



① *appendix 4*

COPY NO. 22

THIRD AUSTRALIAN DIVISIONAL ENGINEERS.

ENGINEER INSTRUCTION NO.9.

Reference Aust. Corps. S/4231. Instructions for the Defensive No. 10.

17th. April, 1918.

Map Reference : Sheet 62D. 1/40,000.

BRIDGE DEMOLITIONS.

The 3rd. Australian Divisional Engineers will be relieved on 18th. April, 1918, by the 2nd. Australian Tunnelling Company of all Bridges mentioned in attached appendix (Table C - Field Companies only). All plans and orders concerned with the demolition of these bridges will be handed over on relief.

The Footbridges over the SOMME constructed by the 9th. Field Company will still remain under their charge.

On completion of relief, Field Companies will notify Headquarters, Divisional Engineers by wire.

L. Williams

Lieut-Colonel.
C.R.E. 3rd. Aust. Division.

DISTRIBUTION:

- No. 1. H.Q. "G".
- 2. C.E. Aust. Corps.
- 3. 9th. Field Company.
- 4. 10th. Field Company.
- 5. 11th. Field Company.
- 6. 2nd. Australian Tunnelling Coy.
- 7. 10th. Australian Infantry Brigade.
- 8. 11th. Australian Infantry Brigade.
- 9. 13th. Australian Infantry Brigade.
- 10-12 War Diary.
- 13. Spare.



Table "A" Road Craters.

Serial No.	Location	Responsibility for	
		Actual demolition.	Orders for demolition.
A.	C.19.a.1.8.	180 Tunnelling Coy. R.E.	"C" Division.
B.	B.24.b.1.9.		"C" "
C.	H.6.a.7.4.		"B" "
D.	H.12.c.5.2.		"A" "
E.	H.18.c.3.3.		"A" "
F.	H.29.b.5.0.		"A" "
G.	N.6.a.4.5.		"A" "
H.	N.6.a.5.6.		"A" "
I.	I.27.c.3.1.		"A" "
J.	I.33.a.5.0.		"A" "
L.	I.2.d.7.3.		"B" "
M.	I.3.c.5.0.		"B" "
N.	C.28.d.9.0.		"B" "
O.	C.29.a.7.9.		"B" "
P.	C.29.d.7.8.		"B" "
Q.	D.20.b.5.3.		"C" "
R.	D.20.c.7.4.		"C" "
S.	D.21.a.4.6.		"C" "
V.	M.22.b.cent.		Third Corps.

Table "B". Bridges over R. HALLUE prepared or to be prepared for demolition.

139

Serial No.	River.	Location.	Description.	Responsibility for	
				Actl. Demltn.	Orders. Demltn.
22	Hallue	H.35.d.2.1.	Bussy.		
23	"	H.17.c.8.5.	Querrieu.		
24	"	H.17.a.9.0.	Querrieu.		
25	"	H.11.b.6.3.	Querrieu.		
26	"	B.30.a.9.7.	Frehencourt		
27	"	B.24.a.8.6.	Behencourt		
28	"	B.18.d.2.5.	Montigny T		
29	"	B.18.d.2.8.	Montigny T		
30	"	B.18.b.7.8.	Montigny		
31	"	C.7.a.8.6.	Agincourt		
39	"	H.17.b.3.7.	Pont Noyelles T)		
40	"	H.17.b.5.8.	" "		
61	"	B.30.a.4.0.	Frehencourt		
62	"	H.5.d.9.2.	Querrieu.		
63	"	H.11.a.5.2.	Querrieu.		
65	"	H.23.a.7.5.	Querrieu.		
66	"	H.29.a.2.1.	Bussy T.		

T - Will carry tanks.

238 Army Troops Company R.E.

Chief Engineer, Aust. Corps.

Appendix 4

4



APPENDIX 4

24



TABLE C. Bridges prepared or to be prepared for demolition other than over R.HAELUE.

Serial No.	River.	Location.	Description.	Responsibility for	
				Actl. Demln.	Orders Dem.
1	Somme.	0.5.c.4.7. Corbie.	T. Steel girder bridge across lock 33' span x 22' wide.	2nd. Aust. Tunn. Coy.	'A' Div.
2	"	0.5.c.3.5. Corbie.	T. Steel girder bridge, 50' span x 16'6" wide.		"
3	"	0.5.c.2.0. Corbie.	T. Brick arch bridge, 20' span x 16'3" roadway.		"
4	"	0.11.a.0.8. Fouilloy.	T. Masonry arch bridge 12' span.		"
5	"	0.4.d.6.4. Fouilloy.			"
6	"	0.1.c.1.4. Daours.	T. Steel girder bridge 22' span & 20' wide on masonry abutments.		"
7	"	N.6.d.8.5. Daours.	T. 72' span steel trusses, 20' wide, on masonry abutments		"
8	"	N.15.c.9.3. LaMotte.	Bridge over masonry spillway - 3 small spans.		Third Corps.
9	"	N.15.c.6.4. LaMotte.	Light reinforced concrete bridge 150' long carrying tow path.		
11	"	M.16.d.7.6. Camon	57' span steel trusses on masonry abutments.		
12	"	M.22.b.6.1. Longueau.	19' span girder bridge on wooden abutments.	Third Corps.	
13	"	M.15.b.2.3. Camon.	Continuous girder bridge - span with centre pier.		
14	"	M.15.b.3.1. Camon.	Small girder bridge - span on brick abutment.		
15	Ancre.	J.4.a.6.1. Ribemont.	T. Steel girder bridge 18' span x 18' wide.	2nd. Aust. Tunn. Coy.	'B' Div.
16	"	J.7.b.2.7. Heilly.	T. Masonry Arch 8' span x 18' wide.		"
17	"	I.23.b.3.6. Bonnay.	Two small masonry arches with central pier 15' roadway		"
18	"	I.33.d.8.7. LaNeuville	Three girders and jack arches 21'6" span.		'A' Div.
19	"	I.34.a.5.0. LaNeuville.			"
20	Somme.	N.6.c.5.2. Daours.	Very small footbridge over mill stream.		"
21	"	N.6.d.5.1. Daours.			"
22	Ancre.	D.29.d.50.06. Buire.	6 I Beams 9"x 4" span.	2nd. Aust. Tunn. Coy.	'B' Div.
33	"	J.5.b.6.8. Buire.	Masonry arch bridge 15" ring, 15' span.		"
34	"	J.4.a.3.4. Ribemont.	T. Brick arch bridge 8' span 20' wide, arch ring 12"		"
35	"	J.3.c.9.8. "	T. Brick arch 20' span x 18' wide 22" ring.		"
36	"	J.7.b.1.9. Heilly.	T. 8' span, steel and concrete 20' wide.		"
37	"	I.23.b.6.3. Bonnay.	Reinforced concrete bridge 4 girders 12"x 12".		"
		T.- Will carry tanks.			

Pages Appendix 4

681



Appendix 4

139

Table C. Continued. Bridges prepared or to be prepared for demolition other than over R. HALLUE.

Serial No.	River.	Location.	Description.	Responsibility for	
				Acct. Demn.	Orders Dem.
38	Ancre	I.33.d.0.0.	LaNeuville.	4/9"x 3" N.S.J. 14' span, 12' width.	'A' Div.
51	"	J.2.c.3.7.	Heilly.	2 small trestle bridges & track connecting Mericourt Heilly.	'B' Div.
52	"	J.7.cent.	Heilly.	2 small timber bridges and track.	'B' Div.
53	"	I.18.c.	Bonnay.	5 small timber bridges and track.	'B' Div.
54	"	I.23.c.	Bonnay.	4 small timber bridges and track.	'A' Div.
55	"	I.29.a.		Small timber and pontoon bridges and track.	'A' Div.
56	"	I.28.c.& d.	LaNeuville.	3 small timber bridges and track.	'A' Div.
57	Somme.	N.17.c.8.4.	Blangy-Tronville.	Pontoon bridge and track.	Third Corps.
58	"	N.16.c.7.3.	"	Pontoon bridge and track.	Third Corps.
59	"	N.15.c.8.4.	"	Trestle bridge across lock.	Third Corps.
60	"	N.14.d.1.3.	LaMotte.	84' Inglis Bridge and slab road.	Third Corps.
The following bridges are being constructed by Fourth Army.					
67	Somme	O.5.c.5.5.	Corbie.	T. 60' Mark II) Doubling existing bridges.	2nd. Aust. 'A' Div.
68	"	O.5.c.5.8.	Corbie.	T. 21'6" Mark II)	Tun. Coy. "
69	"	O.1.c.2.5.	Daours.	60' Mark II.	" "
70	"	N.6.d.8.4.	Daours.	T. 90' Hopkins.	" "
71	"	N.15.	Blangy-Tronville	2/10' Mark II and 2/21'6" Mark II.	Third Corps.
72	"	M.22.b.6.2.	Longaeau.	19' span.	Third Corps.
73	"	M.16.d.7.5.	Camon.	New decking to existing 57' steel girder bridges.	Third Corps.
74	Noye	M.22.c.4.5.	Longueau.	60' "A"	Third Corps.
75	Noye	M.34.a.8.3.	Cagny.	60' "A"	Third Corps.
76	Noye	M.34.a.7.5.	Cagny.	60' "A"	Third Corps.
77	Noye	S.6.a.2.3.	Boves.	60' Mark II.	Third Corps.
78	Noye	S.6.d.7.7.	Boves.	60' "A"	Third Corps.

T - will carry tanks.

Appendix 4

Page 6

Emergency bridges for FG only.

2nd. Aust. Tunn. Coy. A.E.

26

Table C 1.

List of Bridges in Australian Corps Area controlled by Transportation.

Serial No.	Location.	Description.	Responsibility.
I.23.d.6.7.	Bonnay.	Road bridge over Railway.	Transportation or French Authorities.
I.35.a.2.2.		Rail over stream by culvert.	do.
0.2.b.8.3.		Rail over River Somme.	do.

APPENDIX 5

27 APPENDIX 4



THIRD AUSTRALIAN DIVISIONAL ENGINEERS.

ENGINEER INSTRUCTION NO.10.

24th. April, 1918.

PRELIMINARY INSTRUCTION RE RELIEF.

- 1.- On the 25th, 26th, and 27th, inst. the 4th. Australian Division will relieve the 3rd. Australian Division.
- 2.- 10th. Field Company will relieve 4th. Field Co. on Roads.
9th. Field Company will relieve 12th. Field Co. on Defences.
11th. Field Company will relieve 13th. Field Co. on Defences.
3rd. Pioneer Battalion will relieve 4th. Pioneer Battalion on Defences.
- 3.- Units will at once send an Officer to make a preliminary reconnaissance of work to be taken over.-

4th. Field Company are billeted at BAIZIEUX.
12th. Field Company are billeted at LAHOUSOYE.
13th. Field Company are billeted at ALLONVILLE.
4th. Pioneer Battalion billeted at LAHOUSOYE.
- 4.- ACKNOWLEDGE.

H. Rank told

Major.-
A/C.R.E. 3rd. Australian Division.

DISTRIBUTION:

- No.1 H.Q. "G".
- 2 9th. Field Co.
- 3 10th. Field Co.
- 4 11th. Field Co.
- 5 3rd. Pioneer Battalion.
- 6 C.R.E. 4th. Australian Division.
- 7 9th. Aust. Inf. Bde.
- 8 10th. " " "
- 9 11th. " " "
- 10-12 War Diary.
- 13 Spare.

139



(2)

Appendix 5

REFERENCE PRELIMINARY INSTRUCTION RE RELIEF.

The reliefs will take place as stated on the 26th. inst. and are to be completed by 6 p.m.

The 4th. Field Company, 12th. Field Company and 4th. Pioneer Battalion are going to leave behind parties to ensure continuity of work on the 26th. inst. to prevent disorganization of labour and transport.

Backford

Major.
A/C.R.E. 3rd. Aust. Division.

To all Recipients of Engineer Instruction No. 10.

24.4.1918.





(1)

Appendix 6

30

THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

25th. April, 1918.

9th. Field Co.
10th. Field Co.
11th. Field Co.
3rd. Pioneer Battalion.

C.R.E. WORKS MEMO. No. 1.

- 1.- To obscure uniformity in the matter of survey work units will be supplied by this office with a 1:20,000 Standard Sheet on which all work is to be plotted.
- 2.- Field Companies will at once check and bring up to date the work shewn on the Standard Map, and will inform this office immediately of any errors.
Areas are allotted as under.-

11th. Field Company Area.- Area East of the ANCRE RIVER between Southern Divisional boundary and horizontal grid line through J.7.central.

10th. Field Company Area.- Area East of vertical grid line through J.7.a.0.0. and between horizontal grid line through J.7.central and Northern Divisional boundary.

9th. Field Company Area.- Remainder of Divisional Area as far West as vertical grid line through I.19.c.0.0.

- 3.- Units when giving map location will invariably give them from the Standard Map.
- 4.- Every second day units will forward to C.R.Es. Office a tracing to fit the Standard Map shewing new work done.

sd/H. BACHTOLD. Major.-
A/C.R.E. Third Australian Division.

THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

25th. April, 1918.

9th. Field Co.
10th. Field Co.
11th. Field Co.
3rd. Pioneer Battalion.

C.R.E WORKS MEMO. NO. 2.WORKS REPORTS.1.- DAILY WORKS REPORTS.

In their Daily Works Reports Units will include work done for the 24 hours ending 6 a.m., and the report is to be sent to reach this office by 6 p.m.

Report will be headed :-

----- Unit -----
Works Report for 24 hours ending 6 a.m. -/4/18.

2.- WEEKLY WORKS REPORTS.

This report will be submitted to this office by 6 p.m. each Friday for the 168 hours ending 6 a.m. that day. It will be accompanied by a tracing to fit over the Standard Map 1:20,000.

All new work done during the week will be shewn in RED, other work to which reference is made in written report in BLACK. Notes will be added to the tracing for works which cannot be shewn otherwise:-

e.g., '12 Gas Doors fitted here'
'Accomodation built here'
'Duckboard track relaid on trestles and wired.'

3.- Reports must be clear and definite, Map Location always given; "approx" can always be added to a map location if necessary; when practicable the amount and nature of work done should be given:-

e.g., "300 yds. wire entanglements from to "
is not sufficient. It should either be
"300 yds. standard wire entanglement etc."
referring to some standard about which the
unit has informed C.R.Es. Office, or it
should state particulars and so forth.
Similarly "300x trench dug" should state the
dimensions.

sd/H. BACHTOLD. Major.-
A/C.R.E. 3rd. Australian Division.



③

Appendix 6

THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

26th. April, 1918.

9th. Field Co.
10th. Field Co.
11th. Field Co.
3rd. Pioneer Battalion.

C.R.E. WORKS MEMO. NO. 3.

Please furnish as soon as possible sketches of all tunnelled dugouts, to a scale of 1 inch = 10 feet, that you have under construction. Work done to be shewn in full and future work dotted.

In future directly a tunnelled dugout is started a sketch showing proposed scheme is to be sent to this office.

sd/H. BACHTOLD. Major.-
A/C.R.E. 3rd. Australian Division.



139

(4)

Appendix 6

THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

28th. April, 1918.

C.R.E. WORKS MEMO. No. 4.

Divisional Policy as regards the Employment of Engineers
and Pioneers when the Division is in the Line.

On the Division coming into line the General Staff in consultation with the C.R.E. will make recommendations to the Divisional Commander as to the employment of the three Field Companies and the Pioneer Battalion, who will then decide on their employment.

The normal arrangement as regards the Field Companies is that a Field Company is allotted to each Infantry Brigade.

As the Brigadier is responsible for all defences in his area the Field Company Commander therefore becomes his technical adviser on all engineering matters, and the latter then arranges to provide the necessary engineer supervision and advice to economically and efficiently supervise the engineer works that the Brigadier orders his Battalions to carry out. The Field Company in addition to the above will also receive orders from the C.R.E. to carry out special engineer work in his area.

The General Staff will either place the Pioneer Battalion or portion of it under the orders of the C.R.E. for work, or will place Companies with Brigades.

In the former case the C.R.E. will allot definite work, and the C.O. Pioneer Battalion will be responsible direct to the C.R.E. for the execution of it.

In the latter case Brigadiers will allot work to the Pioneers, but the Field Company Commanders will still be responsible to the Brigadier that their work is being economically and efficiently carried out.

The C.R.E.'s duty is to co-ordinate the work done in the brigade areas, and bring to the notice of Brigadiers any work being undertaken which does not conform to the Divisional Commander's policy of work.

sd/H. BACHTOLD. Major.-
A/C.R.E. Third Australian Division.

DISTRIBUTION:

- "G". 3rd. Aust. Division.
- C.E. Australian Corps (For information)
- 9th. Field Company
- 10th. Field Company.
- 11th. Field Company.
- 3rd. Aust. Pioneer Battalion.
- 9th. Aust. Inf. Bde. (For information)
- 10th. " " " " "
- 11th. " " " " "



(5)
 THIRD AUSTRALIAN DIVISIONAL
 ENGINEERS.

Appendix 6

"G" Branch.
 9th. Field Coy.
 10th. Field Coy.
 11th. Field Coy.
 3rd. Pioneer Battalion.

30th. April, 1918.

C.R.E. WORKS MEMO. NO. 5.

- 1.- When a line of Strong Points are linked together to form a continuous line and the work is of a deliberate nature, the linking up trenches are to be traversed and have firebays.
- 2.- Communication Trenches which are too deep to allow men to effectually use their rifles will forthwith be converted into fire trenches. The alteration will either be in the nature of fire steps, fire bay or tee head. At about every 20 yards along the trench a length of 8 yard should thus be fixed up.
- 3.- When the digging of fire trenches is of a deliberate nature the parapet will be kept as low as possible. If a good field of fire can be obtained at ground level then no parapet is to be made, and all earth will put into the parapets. The trench will be dug to a depth of 4'6", and, if desired, an elbow rest can be cut.

sd/H. BACHTOLD. Major.-
 A/C.R.E. 3rd. Australian Division.



(b)
THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

Appendix 6

9th. Field Co.
10th. Field Co.
11th. Field Co.
3rd. Pioneer Battalion.

30th. April, 1918.

CR.E. WORKS MEMO. NO. 6.

When building new R.A.Ps. they are to be kept entirely separate from other Headquarters in order to minimise the risk of personnel becoming casualties through gassed cases being brought into the same dugout for treatment.

sd/H. BACHTOLD. Major.-
A/C.R.E. 3rd. Australian Division.



①
THIRD AUSTRALIAN DIVISIONAL
ENGINEERS.

Appendix 7
E 68/2/34

30th. April, 1918.

H.Q. "G".

3rd. Australian Division.

Reference G 401/36/11 of 29.4.18.

Herewith list of deep dugouts either completed or under construction by this Division. 3 Battalion Headquarters at J.3.b.1.3., D.29.c.1.0., and MERICOURT are in strong cellars which have been underpinned.

Sketches are being prepared of all dugouts showing state of completion to a certain date.

sd/H. BACHTOLD. Major.
A/C.R.E. 3rd. Aust. Division.





(2)

Appendix 7

DEEP DUGOUTS.

139

Class of Dugout.	Map Location.	No. of entrances.	Zone.	Remarks.
(a) Bde. H.Qrs.	J.1.c.7.2. x	3	First Zone	Started 26.4.18. Behind wall of Chateau.
	J.19.c.8.6.	3	First Zone	" 5.4.18.
	C.21.c.4.1.	2	Second Zone	" 16.4.18.
	I.1.d.5.2.	2	Second Zone	" 20.4.18.
	J.1.d.0.2.	-	First Zone	In dungeons of Chateau.
(b) Battrn. H.Qrs.	D.27.d.6.4.	3	First Zone	" 25.4.18.
	J.17.b.2.5.	2	First Zone	" 19.4.18.
	J.22.d.2.4.	3	First Zone	" 8.4.18.
	J.21.c.4.4.	2	First Zone	" 8.4.18.
	J.13.d.3.4.	2	First Zone	" 19.4.18.
	J.13.c.0.6.	2	First Zone	" 19.4.18.
	I.14.b.6.1.	2	Second Zone	" 22.4.18.
	I.28.a.1.7.	2	Second Zone	" 19.4.18.
	J. 9.b.8.2.	2	First Zone	" 28.4.18.
	J.11.a.6.9.	2	First Zone	Completed 28.4.18.
(c) Artillery Command Posts	D.23.a.1.2.	2	First Zone	Started 25.4.18.
	J.17.a.4.4.	2	First Zone	" 25.4.18.
(d) M.G. Dugouts	D.30.b.4.6.	2	First Zone) Started 29.4.18.
	J.17.a.3.4.	2	First Zone	
	J. 5.a.2.2.	2	First Zone	
	J.11.c.8.6.	2	First Zone	
	D.28.b.7.3.	2	First Zone	
	J.23.d.3.3.	2	First Zone	
(e) R.A.P.	Nil.			

Appendix 7 37

Appendix 8

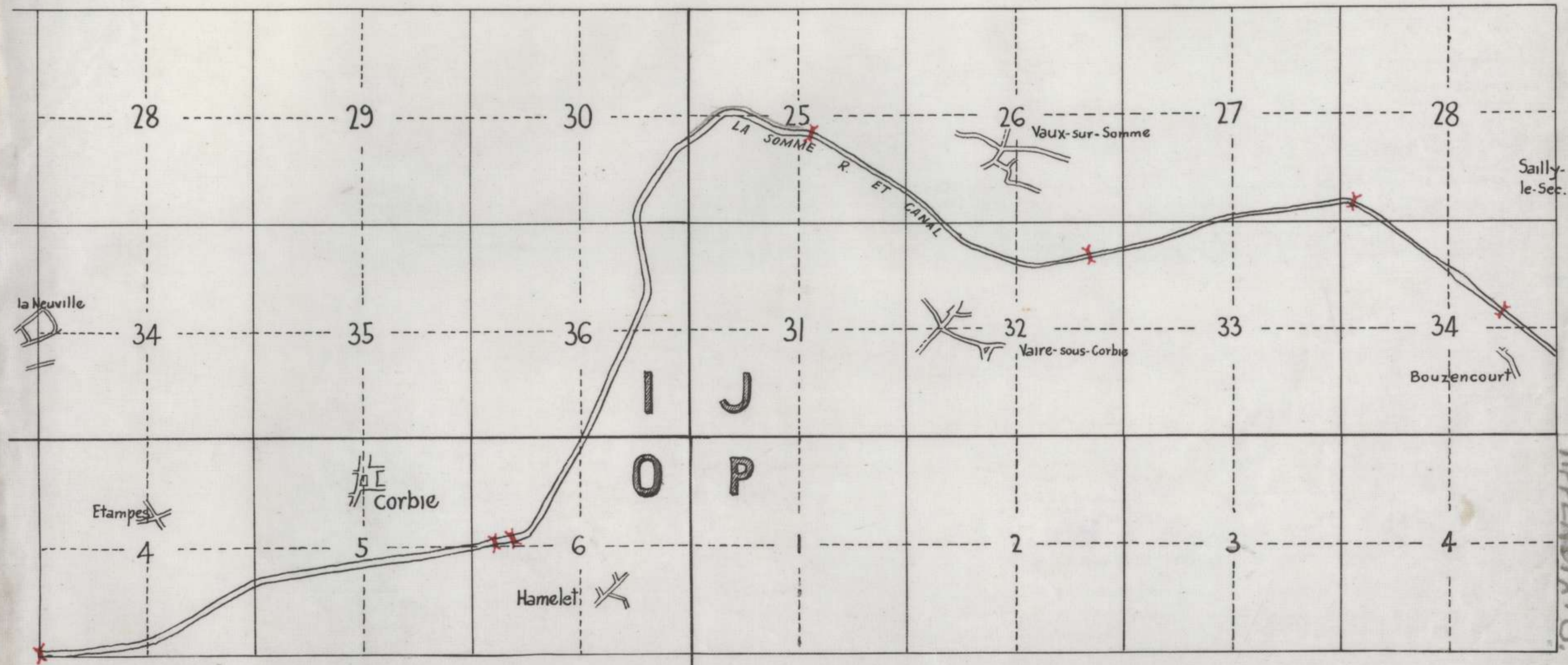
139



FOOT BRIDGES OVER R. SOMME.

Ref. Sheet 629

18. 4. 18



SCALE 1/20000

APPENDIX 8

38



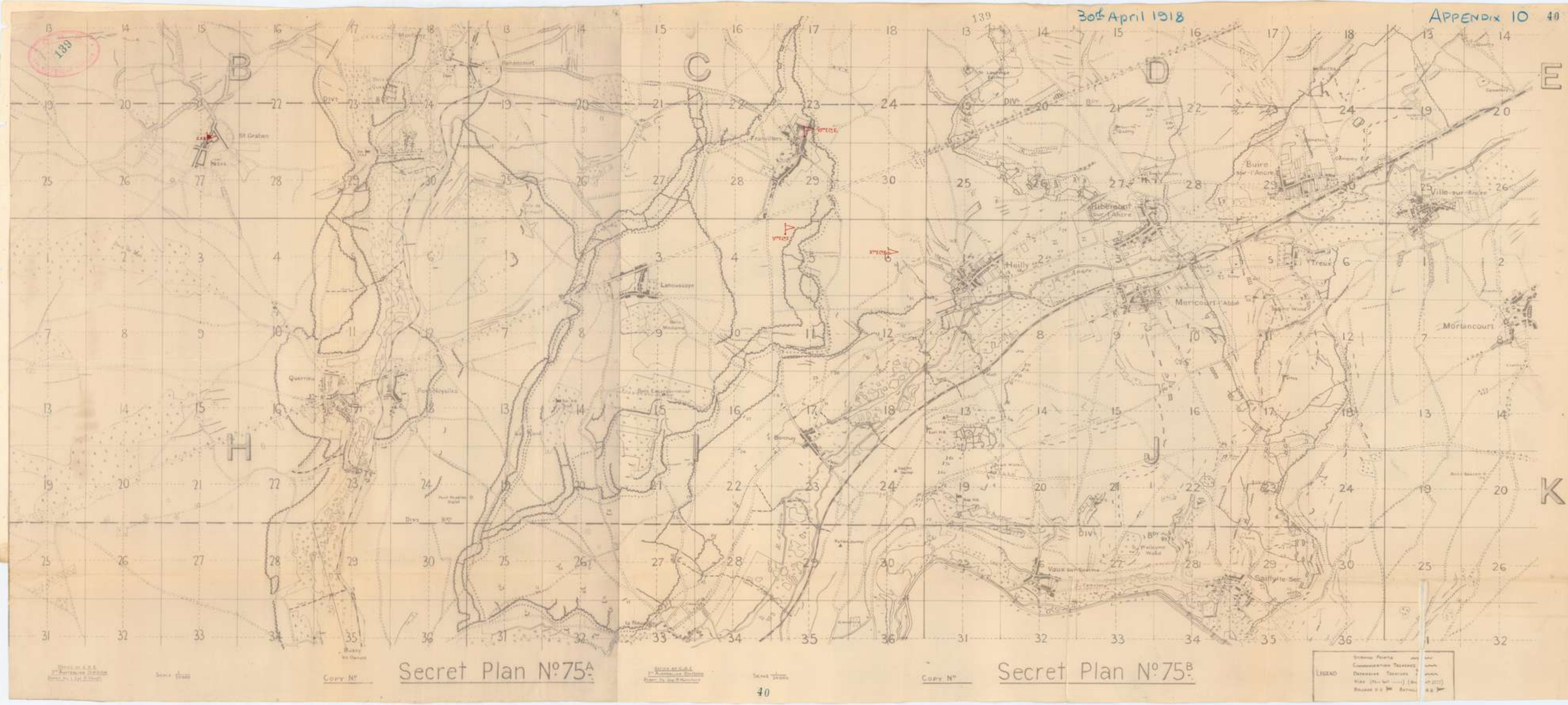
SCALE: 20,000

OFFICE OF C.R.E. 3RD AUST. DIV.

DRAWN BY SGP. R.G. HANSFORD

Appendix. 9.

Quill



30th April 1918

APPENDIX 10 40

Secret Plan N°75A

Secret Plan N°75B

LEGEND

Symbol	Description
(Symbol)	...
(Symbol)	...
(Symbol)	...
(Symbol)	...
(Symbol)	...

oil

Appendix. No 10.