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1/1/17

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Subject 4.7. SOMME WINTER. 9 JAN-2 FEB. 1917

Referred to by.	Date.	Referred to by.	Date.	Referred to by.	Date.
RIGHT ARMY.		FOURTH ARMY.			
CENTRE LEFT CORPS.		I ANZAC CORPS.			
		" CHIEF ENGINEER."			

D.1844/9.20.—C.14461.—100M.

This File must be Kept Intact.

C.E. 1st ANZAC CORPS.

GENERAL POLICY

1. The general policy as regards work in the Front Area is divided into the following main headings :

(1) Organisation of Front and Support Lines.

(2) Construction of Reserve Line.

(3) Accommodation for Battalions in Intermediate and Second Lines.

(4) Communications.

(5) Machine Gun Positions.

(6) Burying of Cable.

2. Work on 1, 3, 4 and 5 is proceeding simultaneously.

As soon as communications are improved and accommodation for Battalions near Intermediate and Second Lines is finished, work on the Reserve Line will be pushed forward.

Burying of cable will be carried on as far as labour can be made available.

3. Organisation of Front and Support Lines.

(a) Plans have been made (vide Defence Scheme, Appendix "C") for organising the Front and Support Lines, taking the front as it is at present. If Salient in N.20.d. is captured modifications will be made.

(b) Existing trenches are to be used as far as possible, new ones only being dug where the present trenches cannot be made to suit.

Date Date Date

(c) In some cases the present Front Line is being turned into the Support Line, and a new line dug in front.

(d) Trenches which will not be wanted are to be discarded and blocked up, and any material in them will be used for the new trenches.

(e) The Support Line should be from 80 to 100 yards in rear of the Front Line and there should be communication trenches between the two at least every 200 yards.

(f) GUEUDECOURT is to be used as a Strong Point, garrisoned only by Machine Guns.

4. The Reserve Line will run from the right up POSSUM Reserve to N.26.c.6.5. thence across to HAY RESERVE connecting up with the Division on the left near FACTORY CORNER.

This Line is to be the Main Line of Defence.

It will be a continuous trench with certain parts of it made into strong areas.

The garrison of it will be furnished by the Reserve Companies of Battalions in the Line.

Part of the garrison will be in dug-outs in rear (in the SUNKEN ROAD N.26.c.).

This Line will be well wired.

100 rounds of ammunition and one days rations for each man in the Front System will be stored at points in the Reserve Line.

taking trench.

GENERAL POLICY
RESERVE AREA
FRONT AREA
RONT AND
UPPORT LINES
RONT AREA
ESERVE LINE
RONT AREA
OMS FOR BNS IN
ERMEDIATE &
ECOND LINES.
RONT AREA
MUNICATIONS
NT AREA
NE GUN
POSITIONS
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ACCOMMODATN
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5. Accommodation for Battalions in the Intermediate and Second Lines is being prepared as follows :

BULLS TRENCH and dug-outs in N.31.b.	½ Battalion.
GAP TRENCH	½ Battalion.
SWITCH TRENCH	1½ Battalions.
Tunnel in S.12.b.	1 Battalion.

It is intended to try and find accommodation for at least ½ Battalion in and N. of FLERS.

6. Communications. FLARE AVENUE will be the main communication trench for the Right Brigade and FISH AVENUE for the Left Brigade.

Forward of the Reserve Line there will be GROVE AVENUE, FLARE AVENUE and a new trench to be dug from near N.26.a.8.2. west of GUEUDECOURT to CHEESE ROAD.

A tunnel from near Brigade Headquarters to BULLS TRENCH has been commenced.

7. Machine Gun Positions for the Intermediate Line have been selected by the Corps Machine Gun Officer, and positions have been chosen to cover the Front System. These are all shewn in Defence Scheme Appendix "D".

9.1.17 HAY RESERVE is now completely revetted POSSUM RESERVE has been revetted for 75 yds.

23.1.17. HAY RESERVE is revetted clear and dry. The construction of a fire step is being pushed ahead. POSSUM RESERVE is in good condition for 80 yards. Work is proceeding on trail N.26.C.5.7 and N.26.C.8.1

8.2.17. POSSUM RESERVE Since last report 253 yds have been revetted, 260 yds duckboarded and 250x prepared for revetment and duckboarding. 100x have been traversed and a further 200x have been dug 4'6" deep and 2' wide

9.1.17 NICHOLSONS TUNNEL through to GAP but not yet complete to full height.

23.1.17. The present accommodation of the DELVILLE VALLEY Tunnels is 550. Dugouts on BULLS ROAD, GRASSLANE, CHAMPAGNE RIDGE are being enlarged.

8.2.17. 6 chambers are being cut off NICHOLSONS TUNNEL to accommodate garrison of reserve battalion of the right Bde.

9.1.17. The general policy has been carried out. The accomodation at the various camps is now as follows

BRISBANE	Camp.	4	huts NISSEN Late Remadan A
Townsville	"	33	" " B
Hobart	"	9	" " New Zealand A
Launceston	"	8	" " " B
Albury	"	33	" " Bagenton A
Bendigo	"	33	" " " B
Coolgardie	"	Nil	" " " C
Darwin	"	14	" " " D
Perth	"	11	" " Roman Camp
4th Field Co.		14	(S22 d.4.6)
Quarry Compound		9	(S22c 2.6)
Artillery Camp		4	(S22c 8.9)
do		2	(S22a 8.1)
12 Field Co		3	(S23a 2.1)
Quarry		6	(S21d 6.8)
do		20	(S21d 6.7)
Pack Mules Camp		10	(S28c 9.8)
Ponnier Redoubt		8	(T1b 6.3)

No work for last fortnight has been done owing to shortage of huts.

FRONT AREA COMMUNICATION

FRONT AREA MACHINE GUN POSITIONS

FRONT AREA DUG OUT ACCOMMODATION

FRONT AREA COMMUNICATIONS

FRONT AREA DUG OUT ACCOMMODATION

FRONT AREA ACCOMMODATION FOR BNS. IN INTERMEDIATE & SECOND LINES.

FRONT AREA COMMUNICATIONS

FRONT AREA MACHINE GUN POSITIONS

FRONT AREA DUG OUT ACCOMMODATION

FRONT AREA COMMUNICATIONS

Date and Hour	INFORMATION
9.~~2~~.1.17	Front Line trenches have been revetted as under:- Right Bde 82 yds. Left Bde ~~[illegible]~~ 213 yds.
23.1.17.	The front line trenches of the Right Brigade consists mainly of a series of posts, the trench between for the most part being impassable. At night communication between posts is maintained overland. Each post is in good condition and portions of trench on the flanks of posts are being reclaimed. Trenches N.21.1 & 2 are continuous but not in good condition. The front line of the Left Brigade consists of two portions of good trench with an overland track of 250 yards long between. The trenches are in good condition - 300 yards of good trench and parts of the trench are being reclaimed.
8.2.17.	The right flank of the right Brigade now rests at N.21.d. 8½.5. STORMY TRENCH from N.21.b. 1323 to N.21.d. 8½.5 was captured from the enemy on night 4/5th inst. This trench is from 6 to 8 feet but is neither duckboarded nor revetted. On the right flank is trench is shallow in a couple of places. A new fire trench is being dug from N.20.c.9.6 to TRITZ FULLY. 200 x have been dug to a depth of 18 inches and 70 yards to a depth of 2'. Left Bde. A firestep has been completed throughout the trench and 102 yds have been revetted and duckboarded.

FRONT AREA RESERVE LINE

FRONT AREA ACCOMS FOR BNS IN INTERMEDIATE & SECOND LINES.

FRONT AREA COMMUNICATIONS

FRONT AREA MACHINE GUN POSITIONS

FRONT AREA DUG OUT ACCOMMN

COMMUNICAT

Date and Hour	INFORMATION
9.1.17	Revetment put in as under:- COCOA LANE — 100 yds. FATIGUE ALLEY — 40 yds FORAGE AVENUE — 80 yds GROVE AVENUE — 60 yds. New communication from CEASE TRENCH dug for 150 yds
23.1.17.	The duckboard track now runs from BACKS to BULL'S ROAD, along GRASS LANE and thence about line of the left Brigade. GROVE ALLEY. The 40 yards near the front line are in good order - everywhere else the trench impassable. FORAGE AVENUE. Good for 100 yards N. of HAY RESERVE then impassable to CHEESE ROAD. N. of CHEESE ROAD 165 yards are in good condition. EVE ALLEY. This trench has been drained and is in good order throughout except in one part where the water is 18" deep. needs revetting FUGITIVE AVENUE. This trench has been cut through but is shallow for the most part. 170 yards in good condition. FORAGE AVENUE. Duckboarded & revetted to within 50 yds of front line. Remainder to be dug & revetted.
8.2.17.	FATIGUE ALLEY - Completely duckboarded and revetted throughout. EVE ALLEY. Up to 1st mid dug through to an average depth of 5' from front line to CHALK CLIFF. Since our operations in this vicinity the C.T. has been blown in in several places FOURTEENTH ALLEY. dug to a ~~average~~ depth

FRONT AREA MACHINE GUN POSITIONS
FRONT AREA DUG OUT
COMMUNICAT

Date and Hour	[redacted]

Dugouts are being constructed as quickly as timber is available. Table shewing dug-outs completed, together with map locations and capacity vide Appendix "[redacted](Defence Scheme).

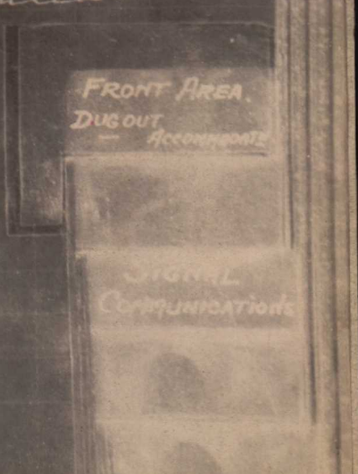
About 300 sandbag weather-proof shelters have been constructed as a temporary expedient pending completion of permanent dug-outs.

There are shelters also afforded by use of undercuts already dug in old trenches by previous occupants.

9.1.17 Am up to date list of dugouts is inserted herein (in pocket of the book)

23.1.17. 5.12.1.7.8. Total accommodation in DELVILLE VALLEY TUNNELS — 580. This includes personel of Left Bde Staff and 80 amc personel and patients

8.2.17. Dug out in GROVE AVENUE - 567 cubic feet have been excavated. 3 sets of timber placed in chamber and 3 mining sets in shaft.
HAY RESERVE dugout. Hunts for 63 men-
Second chamber being cut.
Work proceeding on dugouts in GRASS LANE, CHALK CLIFF, CHEESE ROAD and on R.E. of Battalions in BULL'S ROAD.
In captured portion of STORMY TRENCH one dugout completed with accommodation for 36 men. 15 others dugouts commenced- making total accomodation for 150



Date and Hour	Work Done. INFORMATION

COMPLETED:-

From York Trench to D Box S. 17. A.28 existing pairs (44 lead covered ~~xxxxx~~ cables) were taken into use from D Box to E Box S.11 C.66, 50 pairs armoured quad were buried 6' 6" to 7'. From E Box to F Box S.11 B.32, 32 pairs armoured quad were buried ~~XX XX~~ 6' 6" to 7'. From F Box 4pair of armoured quad were laid to (T P) S.12 A.88 in cable trench and was carried on from there by pole cable into the right and left brigade hdqrs. The cable was also taken out and prepared, ready to complete the scheme from F Box to BrigadeHdqrs. as soon as labour became available to bury same.
Scheme connecting Artillery Group Hdqrs. at M.30 A.80 and to flank brigade to main route commenced.

7.1.17 Cable is buried as under:-

YORK TRENCH to BAZENTIN HOUSE.
YORK TRENCH to Bde H.Q. S 12.
(Map in pocket)

8.2.17. From L.C.6 L.D, 1440 yards buried 2 feet in bottom of NICHOLSON'S TUNNEL. From L.D.6 L.E buried to depth of 6 7 feet. 100 yds buried from L.E towards Battalion HQ at N.31. b.3.1.

SIGNAL COMMUNICATIONS

Date and Hour	Policy INFORMATION
	Ammunition. Three Large Dugouts are to be constructed at the Eastern End of Quarry S22C15 - one for the personnel in charge of the 5 a à Divisional Dump and two for 5 aa Grenades etc.

Date and Hour	Policy [redacted]
	FLARE AVENUE & FISH AVENUE will be the main communication Trenches for the Right & Left Brigades respectively. FISH AVENUE is duckboarded almost throughout, but the trench is derelict in many places. It is badly placed as a communication Trench for the left Brigade, as there is at present no means of reaching it from Reserve Camps Area. The plan is to eventually run a duck board leaving the LONGUEVAL – BAZENTIN road about half way between these two places & connecting up with FISH AVENUE. This would give a ready way up to the left front from the Brigade in Reserve. All efforts are at present being concentrated on FLARE AVENUE. --- It is intended to open up COCOA LANE between BULLS TRENCH & POSSUM RESERVE. At present this bit of trench is quite shallow & impassable. — GROVE AVENUE is to be developed as a trench from the Reserve Line to the Front Line in the Left Brigade Sector. — A new trench is to be dug from N 26 a & z West of GUEUDECOURT to CHEESE Road.

Date and Hour	Work Done. INFORMATION

Vickers Guns have been emplaced in positions shewn on Map attached.* Battle emplacements have been constructed in POSSUM RESERVE, but as new positions have been allotted by Corps for the Intermediate Line the present ones must be regarded as temporary positions only. Positions have been selected for the Reserve Line; remaining guns must be placed in open emplacements.

* Artillery Map hung in office.

9.1.17 The following is a statement showing present situation in regard to M.G. emplacements.

N.20.D.2.2. 2 Guns open emplacements within 10 yards of deep dugout in GUN PITS.

N.32.B.2.8. 2 Guns kept in dugout in POSSUM RESERVE
N.32.B.1½.9. within 100 yards of emplacements.

N.20.C.15.85. Open with deep dugout.
N.31.B.4.8. " " " "
N.2.5.C.80.52. Covered emplacement made of timber and sandbags.

N.25.B.04.95. Open with deep dugout.

N.25.C.85.32. Covered emplacement made of timber and Sandbags.

23.1.17 In addition to guns above.
N.27a.7.4. two guns dugout in CHALK PIT (open emplacements)
N.26.c.3.1. Open emplacement - dug out adjacent
N.31.a.2.8 Open with deep dugout
8.2.17 N.19.b.8.1. Open emplacement reconstructed and strengthened - a shelter where bell boxes & spare ammunition has been constructed.

FRONT AREA MACHINE GUN — POSITIONS

FRONT AREA DUG OUT — ACCOMMODATION

SIGNAL COMMUNICATIONS

Date and Hour	INFORMATION
8-2-17	N.25. L.1585 - Heading completed - Overhead cover of 10 steel girders and two layers of sandbags and earth. Emplacements at N.21 L.1518 and N.21. L.1552

Date and Hour	Policy [redacted]ON

The policy regarding Machine guns is as follows –

Only a few to be put in the Front Line at Salient Points like GOODWINS POST & "the Gun pits".

The remainder to be emplaced behind – a few in GUEUDECOURT, which affords good facilities, & the majority to cover the Reserve Line.

In selecting positions for emplacements the policy is to keep the guns out of the trenches & the neighbourhood of Trench systems, so that, when the enemy artillery barrages the trenches prior to an attack, the Machine guns will avoid the Barrage, & be ready to open fire when the enemy launches the attack.

The sites for M.G. Emplacements (vide maps in Defence Scheme) have been chosen with this end in View.

Dat
H

D U G - O U T S

Map Location	Capacity at present.	Proposed to be used for.
N.20.d.(A)	50 men	Troops in Front Line and Machine Gunners.
N.26.b.(B)	16 men	Troops in Front Line.
N.26.c.(C)	4 Off. 50 men	Troops of Right Battalion in Reserve Line
N.32.c.(D)	Under construction.	Garrison of Intermediate Line.
N.32.b.(E)	"	" " "
N.31.b.(F)	4 Off.	Battalion Headquarters. Left Battalion Right Brigade.
S.12.b.(G)	. .	Two Brigade Headquarters.
N.26.d.(H)	4 Off. 16 men	Battalion Headquarters. Right Battalion in Line.
N.26.c.(I)	2 Off. 6 men	Troops of Right Battalion in Reserve Line.
N.26.c.)J N.26.c.)K N.31.d.)L	Unexplored	Partly filled in.
N.20.c.1.9(O)	6 men	Headquarters Company in Line.
N.19.d.1.5(P)	12 men	Deep dug-outs now being constructed for troops in Line.
N.25.b.8.5(Q)	12 men	
N.25.b.9.7(R)	20 men	R.A.P.
N.31.b.4.1. (T)	60 men (under construction)	Part of it as Advanced Brigade Headquarters, Right Brigade.
M.36.b.(U)	100 men	Troops or M.G. Company Left Brigade.
N.31.d.(V)	20 men	Battalion Headquarters, Support Battalion, Left Brigade.
S.12.b.7.8. (Y)	Under construction.	Cuts are being made for 1000 men, Support Battalion, Right Brigade. Also used partly as an Aid Post.

Date and Hour	Policy INFORMATION
	PROPOSED;- A main bury system planned and commenced. Proposed route starting from York Trench S16 D.52 to two Brigade Hdqrs. at S.12 B.57 route to follow corps cable trench as fas as possible.

INTER-OFFICE MINUTE

CE

Passed to me. Can you do anything for these Primers? more especially if that portion (which I have marked in blue) of the attached is correct.

12.1.17 HLT

Q 1st Anzac

III Corps refuse to assume any huts to us – they have no surplus ironwork – CE 4th Army is endeavouring to hasten ironwork for this Corps – At present we have sufficient woodwork for 190

12.1.17 CRE Ldn Capts rec'd 1 Anzac

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Headquarters,

24th Jan.1917

A.A. & Q.M.G.

1st A.N.Z.A.C.

Reference your telephone conversation with C?E. 111 Corps this evening, can a defininte date be named in writing on which G Dump will be transferred to this Corps.

2. Pending the receipt of such information it is impossible to make arrangements for starting up any wood cutting machinery that may be available at G Dump and this will prejudice the increased supply of ~~main~~ mining frames etc. which will now be essential with our increased front.

(sd) C.R. Dobbs
Lieut. Colonel R.E.

a/C.E. 1st A.N.Z.A.C.

1st. AUSTRALIAN & NEW ZEALAND ARMY CORPS.

CHIEF ENGINEER, 1st ANZAC.
235/114

Headquarters,

24th. January 1917.

Chief Engineer,

Fourth Army.

Reference your E.1235 of 20 - 1 - 1917.

I have had no experience of Corduroy Roads that would successfully continuously take heavy Motor Traffic and heavy gun traffic. Sleeper corduroy is used in civil life for carrying heavy machinery over soft ground.

The essential points are:-

Longditudinal bearers about 4 feet spacing and sunk flush with ground surface.

Ground surface dressed level so that cross timbers are bearing throughout.

Wheel wearing surface adzed level if timber used is round.

3" or 4" of metal will not bind and with more it ceases to be a corduroy road.

Cross-timbers spiked to longditudinals.

No continuous joints.

The Caterpillar Tractor should give no trouble on a corduroy levelled road providing there is no continuous joint in the roadway for the flange on the pilot wheel to get into.

Lieut-Colonel. R.E.

a/C. E., 1st. A.N.Z.A.C.

C. E.

Do we want G Dump?

24/1/17. R.A.C.

A.Q.

Yes, it is proposed to use G Dump for R.E. stores which do not require treatment in the shops.

(sd) J.M.C. Corlette

for C.E.

25/1/17.

271/10

"Q"

With reference to para 3 of 5th Army Q 704/360.

Until we have had opportunity to study the supply of the 3rd Corps area in actual practice, I am not in a position to say whether we can dispense with G Dump or not.

I hope to be able to give a definite reply in two weeks.

(sd) A.J. de Lotbiniere.
B. G.

C.E. 1st A. N. Z. A. C.

C.E.

L.G.C. considers that recent developments remove any objextion to this move.

29/1/17

R.A.C.

Q.

I hope you will not agree to my losing G Dump, I think I shall want it badly with four Divns. in the line as I have not room to stack my materials at Meaulte.

(sd) A.J. de Lotbiniere.
B.G.

29/1/17.

SECRET

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Copy No. 33

Engineer Order No. 15 18 - 1 - 17

-by-

Brig. General A. J. de Lotbiniere, C. B., C. S. I., C. I. E.,
Chief Engineer 1st A.N.Z.A.C.

1. Consequent on 1st ANZAC Corps Order No. 90 (para. 7) of 17th January, 1917, the distribution of Field Companies, Pioneers and Army Troops Companies will be as follows :-

Field Companies.

1st Division,	1st Coy. to MAMETZ, 20th inst. rejoin Division 24th inst. 2nd and 3rd Coys. from 26th inst.
2nd Division,	5th and 7th Coys. from 18th inst.
4th Division,	4th Coy. from 20th inst., 12th and 13th Coys. rejoined Division 10th inst.
5th Division,	8th Coy. from 22nd inst, 14th and 15th Coys. from 18th inst.

Pioneer Battalions.

1st Division,	1st Pioneer Battalion from 10th. inst.
2nd Division,	2nd Pioneers less 2 Coys. from 18th inst.
4th Division,	(@) 2 Coys. 5th Pioneer Battalion.
5th Division,	(@) 5th Pioneer Battalion, less 2 Coys.

(@) Subject to 1st ANZAC Corps Order No. 88 of 11-1-17 concerning rest.

Arrangements for moves will be made direct between Divisions.

Corps Light Railways.

6th Field Coy. Australian Engineers from 22nd inst.
2 Coys. of 2nd Pioneer Battalion from 28th inst,
4th Pioneer Battalion as detailed from 27th Nov, 1916.

Arrangements for move will be made direct by O. C. Corps Light Railways, with Divisions.

Army Troops Companies. R. E.

134th A. T. Coy. will take over work of T.1. and T.2. areas, and O. C. will be directly responsible to C. E. - Will take over 149th A. T. Coy's. billets at RIBEMONT.

149th A. T. Coy. will be employed under Officer i/c. Water Supply, and will take over camp of 134th A. T. Coy.

Move to be arranged between C. C's, 134th and 149th Coys, and to be completed by noon, 28th inst.

1st Sussex A. T. Coy. to remain in charge of Workshops and take over G. Dump when evacuated by III Corps.

133rd A. T. Coy./

CHIEF ENGINEER, 1st ANZAC.
52/18

133rd A. T. Coy. will be prepared to leave the Area by 25/26th inst. Orders for move will be issued later.

4th Reinforcement A. T. Coy - to ALBERT. On arrival placed at the disposal of C. R. E. Corps Troops.

1st ANZAC Entrenching Battalion.

(1) Tunnellers to "B" Division,

(2) Remainder at present under 134th A. T. Coy. to be at disposal of Officer i/c. Water Supply.

O. C. ANZAC Entrenching Battalion will dispose personnel accordingly from 22nd January.

Tunnelling Companies.

258th Tunnelling Coy. R. E. - Two sections each to "A" and "B" Divisions.

O. C. 258th Tunnelling Coy. will dispose personnel accordingly from 22nd January.

On arrival of 2 sections of a Tunnelling Coy. 1 section will be allotted to each "C" and "D" Divisions.

C.R.E. Corps Troops will be directly responsible to C. E. for R. V. and T. 3 Areas - does not include Corps Workshops.

Capt. Blow, R. E. Officer i/c. Water Supply will be directly responsible to C. E. for Water Supply for Corps Area. Will complete taking over by noon, 28th inst.

Field Engineers :-

Lieut.	W. N. McClean,	to be attached to H.Q.Corps H.A.
"	G. E. Peck,	to assist S. O. Defences,
"	A. P. Macdermid,	to assist C.R.E. Corps Troops,
"	G. W. Tyrrell,)	to remain under Corps Roads
"	A. W. Lawrence,)	Officer until relief can be provided.

Brig. General,
C. E. 1st A. N. Z. A. C.

Copies to :-

Nos. 1- 6 "Q" 1st ANZAC.
7 C.R.E. 1st Aus. Div.
8 C.R.E. 2nd Aus. Div.
9 C.R.E. 4th Aus. Div.
10 C.R.E. 5th Aus. Div.
11 C.R.E. Corps Troops,
12 C.R.E. Circuit,
13 C.R.E. "A" District,
14 C.R.E. "R.Q.T."
15 O. C. 1st Pioneer Bn.
16 O. C. 2nd Pioneer Bn.
17 O. C. 4th Pioneer Bn.
18 O. C. 5th Pioneer Bn.
19 O. C. Corps Light Railways,
20 O. C. 133rd A. T. Coy.
21 O. C. 134th A. T. Coy.
22 O. C. 149th A. T. Coy.
23 O. C. Sussex A.T. Coy.
24 O. C. 4th Reinforcement A.T. Coy.
25 O. C. ANZAC Entrenching Bn.
26 O. C. 258th Tunnelling Coy.
27 Lieut. W. N. McClean,
28 " G. E. Peck,
29 " A.P. Macdermid,
30 Lieut. G. W. Tyrrell,
31 " A. W. Lawrence,
32 Capt. Blow, O. i/c. Water Supply.
33 G. 1st Anzac
34 File

553-11-156

SECRET

1st. AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Copy No. 5.....

Engineer Instructions No. 23. 22/1/17.

by

Lieut. Colonel C. R. Dobbs. R.E. Acting Chief Engineer 1st. ANZAC

(1) On the distribution of Field Companies made in Engineer Order No. 15 coming into force, the responsibility for Engineers Services within the new divisional areas will devolve upon the respective C.R.E's. This does not include responsibility for roads which been taken over by Corps Roads Officer or Decauville Railways under O.C. Corps Light Railway.

(2) C. R. E. 4th. Australian Division will be responsible for any necessary works in HEILTZ Camp, which has been allotted to the 4th Australian Division.

(3) C. R. E's will arrange to take over all R.E. dumps in their new area and report the map locations and approximate contents to this office.

(4) C. R. E. Corps Troops will hand over all works in progress in HEILTZ and MONTAUBAN Camps to C. R. E's 4th and 5th Australian Divisions respectively.

(5) C. R. E. Corps Troops will take over sawmill at BECOURT from C.R.E. III Corps on 23rd. inst.

(6) O.C. 134th A.T.Company R.E. will take over sawmill at FRECHENCOURT from C.R.E. III Corps on 23rd. inst.

(7) All native labour at FRICOURT will be available for employment under C. R. E. Corps Troops from 23rd. inst.

(8) 4th Reinforcement ...T.Coy.R.E. will be distributed provisionally as follows:-

Headquarters and half company at "G" Dump in huts vacated by III Corps.

Remaining half Company at FRICOURT in 133rd Company camp.

Necessary arrangements for these moves will be made between C. R. E. Corps Troops and O.C. 4th Reinforcement Army Troops Company R.E. when accomodation becomes available.

(9) Completion of all moves and reliefs to be reported to this office.

(10) Acknowledge.

C R Dobbs

Lieut. Colonel

A/C.R.E. 1st. ... N. Z. ... C.

Copies to

No. 1 and 2	"G" 1st. Anzac.
3-8	"Q" 1st. Anzac.
9	C.E. 3rd. Corps.
10	C.R.E. 1st. Aust Divn.
11	C.R.E. 2nd Aust. Divn.
12	C.R.E. 4th Aust. Divn.
13	C.R.E. 5th Aust. Divn.
14	C.R.E. Corps Troops.
15	C.R.E. Circuit.
16	C.R.E. ... District.
17	C.R.E. ... R.C.T.
18	O.C. Anzac R.E. Workshops.
19	O.C. 4th Battn. ... M.L. Corps.
20	C.R.O. 1st Anzac.
21	O.C. Corps Light Railway.
22	O.C. 134th ... T. Coy. E.E.
23	O.C. 4th Reinforcement ... T. Coy. R.E.
24	File.
25--30	Retained.

CHIEF ENGINEER, 1st ANZAC.

87/24

C & E for Anzac

22-4-17

553-11-156

987/21

SECRET

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Copy No. 8.....

Engineer Instructions No. 22 22/1/17.

-by-

Lieut. Colonel C. R. Dobbs R.E. Acting Chief Engineer 1st. ANZAC

Allotment of Tunnelling Companies.

(1) The section of the 258th Tunnelling Company now employed under O.C. Corps Light Railways is allotted for work to the 4th. Australian Division, from 22nd. January 1917.

(2) Allotment of other sections of 258th Tunnelling Company will remain as at present viz:-

One section under 4th. Australian Division.

Two sections under 5th. Australian Division.

(3) On taking over new area by 1st. and 2nd. Australian Divisions, the 180th. Tunnelling Company will be allotted as follows:-

Two sections to 1st. Australian Division.

Two sections to 2nd. Australian Division.

(4) O.C. Tunnelling Companies will arrange direct with respective divisions as to the dispositions of their companies.

(5) Acknowledge.

Copies No. 1 and 2. "G" 1st. Anzac.
3 8. "Q" 1st. Anzac.
9. C.R.E. 1st. Aust. Divn.
10. C.R.E. 2nd. " "
11. C.R.E. 4th. " "
12. C.R.E. 5th. " "
13. C.R.E. Corps Troops.
14. C.R.E. Circuit.
15. C.R.E. "A" District.
16. C.R.E. R.C.T.
17. O.C. Corps Light Rlys.
18. O.C. 258th T'ling Coy.
19. O.C. 180th " "
20. "File".
21---26. Retained.

CHIEF ENGINEER, 1st ANZAC. 8/1/17

CRDobbs

Lieut. Col.R.E.

a/C.E. 1st. A. N. Z. A. C.

CE

CHIEF ENGINEER, 1st ANZAC.

1st. AUSTRALIAN & NEW ZEALAND ARMY CORPS. Copy No. 87/26

Engineer Instructions No.25. 24/1/17

-by-

Lieut. Colonel E.R. Dobbs R.E. acting Chief Engr. 1st ANZAC.

Reference Engineer Order No.15 of 18/1/17 and Engineer Instructions 23 of 22/1/17, as a temporary measure O.C. 134th A.T.Coy. R.E. will take over all work in R and T Areas.

(1) 50 men of No.4 Reinforcement A. T. Coy. R.E. will be placed at disposal of O.C. 134th A.T. Coy. for this purpose, and will be quartered at RIBEMONT pending accomodation being available at "G" Dump.

(2) The remainder of No.4 Reinforcement A.T. Coy. will be employed in V Area. under C.R.E. Corps Troops and occupy 133rd A.T. Coy's camp.

(3) O.C. No.4 Reinforcement A.T.Coy. will draw all necessary tools from No.6 R.E. Park.

Lieut. Colonel R.E.
a/C.E. 1st A.N.Z.A.C.

"G" 1st Anzac
"Q" 1st Anzac.
C.R.E. Corps Troops.
O.C. 134th A.T. Coy. R.E.
O.C. 4th Reinforcement A.T.Coy. R.E.
O i/c R.E. Store No.6 Park.

BGGS.
GaRMO
Gb. Cavalry.
Gc

SECRET

CHIEF ENGINEER, 1st ANZAC. 82/27

1st. AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Copy No. 1

Engineer Instructions No. 26. 24/1/17.

-by-

Lieut-Colonel C.R.DOBBS R.E., acting Chief Engineer 1st. ANZ.C.

R. E. RAILHEADS.

1. The following broad gauge railheads have been allotted to Divisions for R. E. Stores:-

'A' Division	BERNAFAY
'B' Division	QUARRY
'C' Division	BAZENTIN
'D' Division	BOTTOM WOOD.

2. The Divisions are responsible for clearing trucks and will provide the necessary off-loading parties.

3. When R.E. Stores are consigned direct to units other than Divisions (e.g. Corps Light Railway or Corps Heavy Artillery), the units concerned will provide the necessary off-loading parties and be responsible to Divisions that the trucks are cleared immediately.

4. C.R.E. Divisions will be ~~advanced~~ advised by wire of all R.E. Stores which are consigned to their railhead.

5. All trucks have to be off-loaded on arrival. Under no circumstances will they be allowed to remain under load.

6. The above arrangements will come into force for A & B on 28/1/17 and for C & D as soon as they take over their respective areas.

7. Acknowledge.

1 & 2 "G" 1st.Anzac
3 - 8 "Q" 1st.Anzac
9 C.R.E.,1st.Aust.Divn.
10 C.R.E.,2nd.Aust.Divn.
11 C.R.E.,4th.Aust.Divn.
12 C.R.E.,5th.Aust.Divn.
13 C.R.E.,Corps Troops
14 C.R.E.,Circuit.
15 C.R.E.,'A' District.
16 C.R.E.,'R.Q.T'.
17 O.C.,Corps Light Railway.
18 Corps Roads Officer.
19 Corps Heavy Arty.(thro' Q)
20 O.C.,4th.Bn.S.A.N.L.C.
21 O.i/c Anzac R.E.Workshops.
22 File
23 - 25 Retained.

C R Dobbs

Lieut-Colonel. R.E.
a/C. E., 1st. A.N.Z.A.C.

JAN 25 Recd

CHIEF ENGINEER, 1st ANZAC. 87/28

HEADQUARTERS, 1ST ANZAC. 74/104

1st AUSTRALIAN & NEW ZEALAND R.E. CORPS.

Engineer Circular Memorandum No. 23. 29/1/17.

-by-

Brig. General A.J. de Lotbiniere, C.B. C.S.I. C.I.E.
Chief Engineer 1st A.N.Z. Corps

Timber for Dugouts

It is estimated that the requirements in mining sets will amount to 2000 lin. feet daily per divisional sector, for all purposes including timber used by Tunnelling Companies divisional troops and heavy artillery.

This amount is estimated on the following basis -

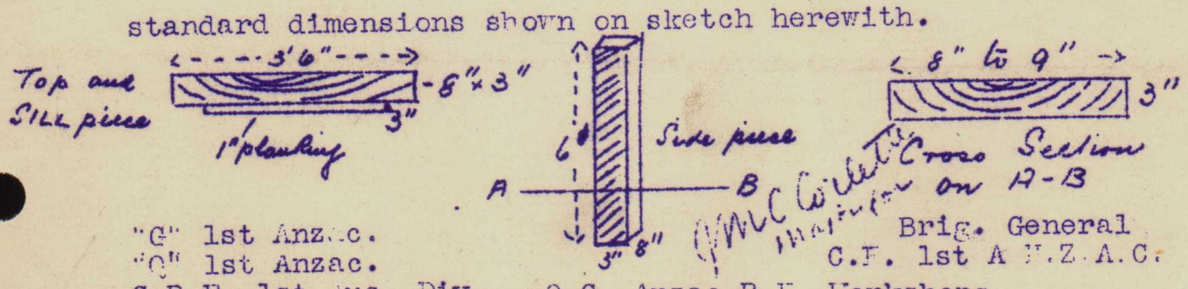
Two Tunnelling Companies, 100 sets each daily - 200 sets	-	4000 lin. feet approx.
Four divisions incl. heavy artillery 50 sets each - 200 sets	-	4000 lin. ft. approx.
Total		8000 do

It is proposed to secure this amount from the following sources -

By cutting from logs procured by local purchase

at Anzac R.E. workshops	3000 ft. run daily
Becourt saw mills	800 "
Frechencourt "	800 "
Ribemont "	800 "
	5400
By cutting up timber received from Base at Anzac R.E. w'shops	2000
By salvage from old dugouts	600
Total	8000 feet.

The above outputs from various mills are to be regarded as minimum, and every effort must be made to work up to this and if possible exceed it. The daily output at each mill is to be reported each day to C.E. All sets will be made to standard dimensions shown on sketch herewith.



W.M.C. Collett
Major

Brig. General
C.E. 1st A.N.Z.A.C.

"G" 1st Anzac.
"Q" 1st Anzac.
C.R.E. 1st Aus. Div.
C.R.E. 2nd Aus. Div.
C.R.E. 4th Aus. Div.
C.R.E. 5th Aus. Div.
C.R.E. Corps Troops.
C.R.E. Circuit.
C.R.E. A District.
C.R.E. Defences.

O.C Anzac R.E. Workshops.
O.C. Corps Light Rly.
O.C. 134th A.T.Coy.R.E.
O.C. 149th A.T.Coy.R.E.
O.C. Sussex A.T.Coy.R.E.
O.C. 258th Tunnelling Coy. R.E.
O.C. 180th Tunnelling Coy. R.E.
O.C. 4th Reinforcement Coy.R.E.

4TH AUSTRALIAN DIVISION G 36/64 31-1-17

CRE
Copies 5th Aust Coys.
2nd Field Bakery

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS E 2/14

HDQRS., DIVISIONAL ENGINEERS WORKS 2nd AUSTRALIAN DIV.

CHIEF ENGINEER, 1st ANZAC. 8/2/17

Engineer Circular Memorandum No. 24 29/1/17

-by-

Brig. General A.J. Lotbiniere C.B. C.M.G. C.I.E.
Chief Engineer 1st A. N. Z. A. C.

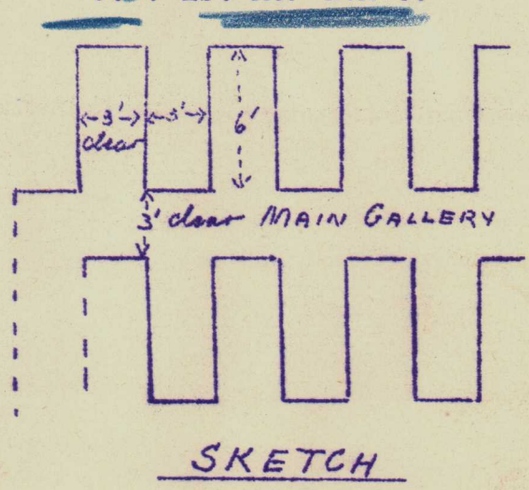
1. Regarding all dugouts and tunnelling undertaken by Divisions, C.R.E's should invariably discuss proposals for works of this nature with the O.C. of their tunnelling sections, and obtain that officer's suggestions and advice on their proposals.

This procedure may result in considerable saving of labor and timber.

All concerned should bear in mind that standard mining timber only is supplied by the C.E., and all dugouts should be designed accordingly.

2. Where the ground is heavy and bad it will probably be advisable now to make a large chamber, but to make 6'x 3' galleries off the main galleries as proposed in letter from Controller of Mines 4th Army already circulated to C.E.'s in my 60/25 of 25/1/17. This method is shown diagrammatically in sketch.

W. C Carlette Major
for Brig. General.
C.E. 1st A.N.Z.A.C.



SKETCH

"G" 1st Anzac.
"Q" 1st Anzac.
C.R.E. 1st Aus. Div.
C.R.E. 2nd Aus. Div.
C.R.E. 4th Aus. Div.
C.R.E. 5th Aus. Div,
C.R.E. Corps Troops.
C.R.E. Circuit.
C.R.E. A District.
C.R.E. Defences.
O.C. Anzac R.E. Workshops.
O.C. Corps Light Railway.
O.C. 134th A.T. Coy. R.E.
O.C. 149th A.T. Coy. R.E.
O.C. Sussex A.T. Coy. R.E.
O.C. 258th Tunnelling Coy. R.E.
O.C. 180th Tunnelling Coy. R.E.
O.C. 4th Reinforcement Coy. R.E.

CRE Copies 5th 7th 2nd Pioneers

2DNZ 1/75 2/159

1st AUSTRALIAN & NEW ZEALAND ARMY CORPS.

Engineer Circular Memorandum No. 25 30/1/17.

-by-

Brig. General A.J. de Lotbiniere, C.B.,C.S.I.,C.I.E.,Chief Engineer
1st A. N. Z. A. C.

----------O----------

1 & 5 / Anzac

MINING TIMBER

The increasing demand for mining timber has made it necessary for me to make the following arrangements, which I forward together with undermentioned notes, for your information and guidance.

DEMAND

The coming demands for mining timber can only be met by making every effort to tap all available sources of supply, namely:-

SUPPLY.

(1) Logs cut locally.
(2) Cut timber from Base.
(3) Salvaged sets from dugouts.

LABOUR

(1) Each division has provided 50 men, making 200 in all. Divisions will be asked to increase this number as additional saws are secured.
(2) Detachment of Native Labour Bn. under C.R.E.,C.T.
(3) Staffs of Anzac R.E.Workshops, Saw Mills.
(4) " " 134 A.T.Coy. Workshops.
(5) " " 4th Reinforcement A.T.Coy.R.E. Workshops.

DISTRIBUTION

All supplies will be pooled and evenly distributed to the four divisions - provided divisions supply timber parties of equal strength.

PROPOSED ARRANGEMENTS

(1) Logs cut locally.

Unit or Officer i/c	Location of Saws	Location of Timber	Labour	Remarks
Anzac R.E. Workshops	E.LLd	FRICOURT & RIBEMONT	Staff of W'shops 150 men from Divs.	
134 A.T.Coy. R.E.	FRECHENCOURT & RIBEMONT	FRECHENCOURT & RIBEMONT	Staff of 134 A.T.Coy. Saw Mills. 50 men from Divns.	
C.R.E. Corps Troops	EECOURT	BECOURT	4th Rein. Coy. R.E. Detacht. Native Lab. Bn. 10 skilled men from Anzac Workshops.	
4th Army Forest Coy.	ALLONVILLE FOREST	ALLONVILLE FOREST		Not yet started

(2) Cut Timber from Base.

All to Anzac R.E. Workshops where it will be cut into sets.

(3) Salvaged sets from disused Dugouts.

(a) Divisions will be responsible for salving all timber in their own Divisional Areas.

(b) C.R.E.,C.T. will be responsible for salving all sets in Corps Troops Area.

for Brig. General
C.E. 1st A.N.Z.A.C.

"G" 1st Anzac.
"Q" 1st Anzac.
C.R.E. 1st Aust. Divn.
C.R.E. 2nd Aust. Divn.
C.R.E. 4th Aust. Divn.
C.R.E. 5th Aust. Divn.
C.R.E. Corps Troops.
C.R.E. Defences.
O.C. Anzac R.E. Workshops.
O.C. Corps Light Railway.
O.C. 134th A.T. Coy. R.E.
O.C. 149th A.T. Coy. R.E.
O.C. Sussex A.T. Coy. R.E.
O.C. 258th Tunnelling Coy. R.E.
O.C. 180th Tunnelling Coy. R.E.
O.C. 4th Reinforcement Coy. R.E.

AWM26