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Australian Imperial Force unit war diaries,
1914-18 War

Engineers

Item number: 14/30/20

Title: 11th Field Company, Australian
Engineers

June 1918



AWM4-14/30/20

142

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Australian Imperial Force.

WAR DIARY

OF

— 11TH FIELD COY. ENGINEERS —

FOR

JUNE 1918.

Signature of Officer compiling

Wm J Williams, Capt.

Signature of Officer Commanding

*H. J. Madden
Major*

WAR DIARY

Army Form C. 2118.

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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.

~~INTELLIGENCE SUMMARY~~

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP	June 1918			
025d.37	4 th		<p>4 OR. Reinforcements taken on Strength - 1 OR. to Hospital. Lieut's S.W. Mathers, R.G. Rutledge and 2nd Lieut. J.L.S. Melbourne placed on Reg. Seconded list. (Authority A.I.F list N° 339 of 4.6.18) M.S.W.</p>	
Sheer 62 ^P	5 th		<p>The 11th Aus. Inf. Bgde plus "B" Coy 3rd Pioneer Battalion were relieved in Right Bgde Area (Villers Bretonneux Sector) by 10th Aus. Inf. Bgde on rights of 3/4 and 4/5 insts. 37th A.I. Battalion in line on Right and 38th A.I. Battalion on left. Coy. continues work in line, 10th A.I. Bgde supplying working parties. 2 OR. from Hospital. 14 O.R. Reinforcements taken on strength. Lieut W.D. Clarke and 42 O.R. from 41st A.I. Battalion. 11th Bgde attached for rations and accomodation. Lieut R.P. Rainsford and 3 N.C.O's "A" Coy 6th U.S. Eng^{rs} American Exp. Force returned to Unit from attachment to this Unit. M.S.W.</p>	
			<p>Howe, J. Williams Capt.</p>	

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CAMP	6 th		2 nd Lieut. R. F. Massie taken on strength from Engineer Cadet Battalion U. K. (ex 10 th Field Coy A.E.). 2 OR to Hospital. <i>W.S.W.</i>	
O25d.3.7				
Sheet 62 ^o	7 th		Coy continues work in line under favourable weather conditions. For Disposition of Coy see Daily Works Report. Daily and Weekly Works Report forwarded <i>HE 62/82</i> of 7/6/18. 2 OR. attached from 41 st A.I. Battalion 11 th Bqde returned to Unit. <i>W.S.W.</i>	<i>HE 62/82</i> <i>HE 62/82</i>
"	8 th		1 OR. Rejoined unit from "on detachment" 1 OR. attached from 41 st A.I. Battalion 11 th Bqde to Hospital. 1 OR to Hospital. <i>W.S.W.</i>	
"	9 th		4 OR. from Hospital. Lieut. M. J. Stanley M.C. 10 th Field Coy A.E. attached for rations. Lieut. H. G. Strom 10 th Field Coy A.E. returned to Unit. <i>W.S.W.</i>	
	10 th		Daily parade state of Coy forwarded <i>HEA/1</i> 1 OR. attached from 41 st A.I. Battalion to Hospital wounded. Lieut. J. R. Charlton and 21 OR. from 43 rd A.I. Battalion 11 th Bqde attached for Rations and accomodation. <i>W.S.W.</i>	<i>HEA/1</i>

Wm. Williams, Capt.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP 025d3-7	11 th		39 th A.I. Battalion 10 th Bgde relieved 37 th A.I. Battalion 10 th Bgde in line on night of 10/11 th Inst. Daily Works Report forwarded	11E 62/82
Sheet 62°			1 OR attached from 41 st A.I. Battalion to Hospital - 2 OR 41 st and 1 OR 43 rd A.I. Battalions attached for rations and accommodation.	
"	12 th		Capt. O.B. Williams, INCO, and Batman proceed to camouflage school, WIMEREUX. O.B.W.	
"	13 th		40 th A.I. Battalion 10 th Bgde relieved the 38 th A.I. Battalion 10 th Bgde in line on night of 11/12 th Inst. Working parties disturbed by relief. 2 OR. from Hospital. O.B.W.	
"	14 th		5 OR. from Hospital. 6 OR. Reinforcements taken on strength 8 OR. 43 rd A.I. Battalion attached for rations and accommodation. 2 OR. 43 rd A.I. Battalion returned to unit. O.B.W.	
"	15 th		Daily and Weekly Works Report forwarded. 11E 62/82 of 14/6/18. O.B.W.	11E 62/82
"	16 th		1 OR. Wounded and to Hospital, subsequently reported died of wounds. O.B.W.	11E 62/82
"			1 OR. rejoined unit from "on detachment," WIMEREUX. Lieut W.D. Clarke and 39 OR. from 41 st A.I. Battalion returned to unit. O.B.W.	Owen Williams Capt

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP 025 d.37 sheet 62 ^o	June 16 th		Lt. J. R. Charlton and 28 O.R. 43 rd A.I. Battalion returned to unit. O.B.W.	
	17 th		Capt. O.B. Williams rejoined unit from "on detachment", WIMEREUX.	
"	18 th		1 O.R. rejoined unit from "on detachment", WIMEREUX. O.B.W.	
"	18 th		37 th A.I. Battalion relieved the 39 th A.I. Battalion in line on night of 17/18 th Inst. Daily Works Report forwarded IIE 62/82	IIE 62/82
"			2 O.R. from Hospital - 3 O.R. Reinforcements taken on strength O.B.W.	
"	19 th		38 th A.I. Battalion relieved the 40 th A.I. Battalion in line on night of 18/19 th Inst. 1 O.R. to Hospital. 1 O.R. 10 th Field Coy A.E. returned to unit.	
"			1 O.R. 35 th A.I. Battalion 9 th Bgde returned to unit O.B.W.	
"	20 th		Daily parade state of Coy forwarded IIE A/1	IIE A/1.
"			1 O.R. to Hospital, 2 O.R. from Hospital. O.B.W.	
"	21 st		Work continued in line - Disposition of Coy as in Daily Works Report IIE 62/82 of 21/6/18	IIE 62/82
"			Daily and Weekly Works Reports forwarded IIE 62/82 of 21/6/18	IIE 62/82
"			1 O.R. from Hospital. O.B.W.	
"	22 nd		1 O.R. detached to Aus. Corps Gas School. O.B.W.	

Owen B. Williams, Capt.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP 025d 3.7 Sheet 62 ^D	June 1918 23 rd		41 st A.I. Battalion, 11 th Bgde relieved 37 th A.I. Battalion, 10 th Bgde, in line on night of 22 nd /23 rd Inst. 43 rd A.I. Battalion, 11 th Bgde, relieved 39 th A.I. Battalion, 10 th Bgde in reserve on same date.	
			Coy Defence Scheme, VILLERS BRETONNEUX Sector, forwarded. Locations of Artillery Notice Boards, printed in front line by surveyors, forwarded; 11E 62/96. 1 OR. to Hospital <i>tbw</i> .	11E 62/97 11E 62/96
"	24 th		44 th A.I. Battalion, 11 th Bgde relieved 38 th A.I. Battalion, 10 th Bgde in line on night of 23 rd /24 th Inst. 42 nd A.I. Battalion, 11 th Bgde relieved 40 th A.I. Battalion, 10 th Bgde in reserve on same night. Working parties disturbed owing to reliefs. 1 OR from Hospital. <i>tbw</i> .	
"	25 th		Received 3 rd Aus Div. Eng. Instruction N ^o 17 G 12/40 re relief of 11 th Field Coy A.E. by 7 th Field Coy A.E. (2 nd Division). Major Webb M.C. OC 7 th Field Coy A.E. arrived at camp and arranged details of relief of 11 th Field Coy A.E. by 7 th Field Coy A.E. with Major R.J. Donaldson D.S.O. <i>tbw</i> . <i>Wm Williams, Capt.</i>	G 12/40 Eng Inst N ^o 17

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP 025d.3.7 Sheet 62°	26 th		Capt O.B. Williams proceeded to RIVERY and arranged details of relief of 5 th Field Coy A.E. by 11 th Field Coy A.E. on guard of Bridges and Road Mines in LONGUEAU, CAMON and CAGNY areas with O.C. 5 th Field Coy A.E. O.B.W.	
"	27 th		<p>N^{os} 1 and 2 Sections, Capt O.B. Williams in charge, left camp at 025d 3.7 marched to RIVERY and billeted at M2d 8.1</p> <p>Relief of 5th Field Coy A.E. on Guard of Bridges and Road Mines in LONGUEAU, CAMON and CAGNY areas completed by 6 p.m. in accordance with Div. Eng. Instruction N^o 14 G 12/40.</p> <p>Officers of 7th Field Coy A.E. shown over 11th Aus. Inf. Bgde Sector to become acquainted with work in hand, by officers of this unit.</p> <p>Daily Works Report 11E 62/82 and Inf. Working Party Table 11E 60/43 and Handing over Notes 11E 62/82 forwarded. Lieut M.J. Stanley M.C. and 4 O.R. 10th Field Coy A.E. returned to Unit. 2 O.R. 33rd, 1 O.R. 34th and 1 O.R. 35th AI Battalions, 9th Bgde; 2 O.R. 38th AI Battalion, 10th Bnqade; and 4 O.R. 44th AI Battalion, 11th Bgde returned to Unit. O.B.W.</p> <p style="text-align: right;">Owen Williams, Capt.</p>	<p>G 12/40 Div. Eng Inst^s N^o 14.</p> <p>11E 62/82 11E 60/43 11E 62/82</p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
<p>CAMP 025d 3-7 Sheet 62^o</p>	<p>June 28th</p>		<p>N^{os} 3 and 4 Sections, Lieut. R. W. Cahay in charge, left CAMP at 025d 3-7 marched to RIVERY and billeted at M2d 8-1 Sheet 62^o. Maps, plans etc handed over to 7th Sudd Coy A.E. Relief of 11th Field Coy A.E. by 7th Field Coy A.E. completed at 2.45 pm in accordance with Div. Eng Instructions N^o 14 G 12/40 and in conjunction with relief of 11th A.I. Bqde by 7th A.I. Bqde (2nd Division). Disposition of Coy as in Daily Works Report 11E 62/82. Daily and Weekly Works Reports 11E 62/82 forwarded. 1OR to Hospital. O.B.W.</p>	<p>G 12/40 Div Eng Inst N^o 14 11E 62/82</p>
<p>RIVERY M2d 8-1</p>	<p>29th</p>		<p>Sappers commence overhauling and replacing of Demolition charges on Bridges and Roads in LONGUEAU, CAMON, and CAGNY Areas</p>	<p>O.B.W.</p>
<p>Sheet 62^o</p>	<p>30th</p>		<p>Daily parade State of Coy forwarded 11E A/1 Statement of material salvaged and used on various works during period 21st May to 28th June 1918 in VILLERS BRETONNEUX Sector forwarded Sketches showing Standard marking-out Sape for 3 Trovayed Post, and Aero Photo Ratio Scale forwarded. 1OR. accidentally killed. 2 OR. injured to Hospital. 2OR from Hospital. 1OR. rejoined unit from "on detachment. O.B.W. from <u>William's</u> Capt.</p>	<p>11E A/1 11E 50/31 See Appendices</p>

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WAR DIARY

OF

11th FIELD COY. AUS. ENGINEERS.

FOR

MONTH OF JUNE. 1918.

LIST OF APPENDICES.

No.	Subject.
11E34/69.1	(1) Short History of Unit up to 1st June 1918.
11E62/82.2	(2) Daily Works report.
" "	(3) " " "
" "	(4) Daily and Weekly Works report.
" "	(5) Daily Works report.
" "	(6) Daily and Weekly Works report.
" "	(7) Daily Works report.
" "	(8) Daily and Weekly Works report.
11E62/97.3	(9) Defence Scheme. VILLERS BRETONNEUX SECTOR.
11E62/96.4	(10) Location of Artillery Notice Boards.
G12/40.5	(11) Divisional Engineer Instructions No 14. Re. Relief.
11E62/82.6	(12) Daily Works report.
11E60/43.7	(13) Infantry Working party Table.
11E62/82.8	(14) Handing over Notes.
" 8A.	(15) Daily and Weekly Works report.
11EA/1. 9	(16) Daily parade State of Coy. for 1st, 10th, 20th and 30th June 1918.
11E50/31.10	(17) Statement of Material Salvaged and used in Sector.

PLANS.

- ✓ 11 DUGOUT FILE. VILLERS BRETONNEUX SECTOR.
Progress of Work up to 6am 28/6/18, shewn in RED.
- ✓ 12 Plan of Defence Works "VILLERS BRETONNEUX"
- ✓ 13 3 Prints of 11th Aus. Inf. Bgde. Sector, shewing condition of Trenches in Colour.
- ✓ 14 Print of Aeroplane Photo Ratio Scale.

NOTE.

4th June, 1918. Reference Authorities quoted on that date, for further information see smae.

No. 34/69
Date JUN 12 1918142
SHORT HISTORY OF THE UNIT UP TO 1st JUNE, 1918.

The Company was formed in Australia, Headquarters and Nos. 1 and 2 sections being raised in the Fourth Military District, and two sections in the First Military District. Selection of personnel commenced in the beginning of March 1916, but officers had previously been selected and trained at the Engineer Officers' Training School, Sydney. The O.C. (Captain R.J. DONALDSON), 2nd-in-Command (Lieut. O. B. WILLIAMS) and a number of N.C.Os. and men came from the 12th Field Coy. A.E., C.M.F., at Broken Hill; 2/Lieut. J.M. NORTON from the 11th Field Coy. A.E., C.M.F., (Adelaide); while 2/Lieut. S.W. MATTERS came from South Australia, and 2/Lieuts. R.W. LAHEY and H.StA. MURRAY from Queensland.

The quotas were collected and trained separately, that from S.A. at Mitcham Camp near Adelaide, and the Queensland sections at Enoggera near Brisbane, until 29th April, 1916, when the Company concentrated at Mitcham. The Company was completely equipped before embarkation including all technical stores except Weldon Trestles and the wagons for bridging stores, the water cart and a few minor items

Embarkation took place at Outer Harbour (Adelaide) on 31st May, 1916, on H.M.A.T. A 29 - s.s. "SUEVIC", in company with the 11th Field Ambulance (Lt-Col. DOWNEY).

After a rough trip round the Llewwin the "SUEVIC" arrived at Fremantle on 6th June, 1916, and embarked the 44th Battalion (Lt-Col. W.O. MANSBRIDGE, D.S.O., who became C.O. Troops).

Crossing the Indian Ocean the vessel sprung a small leak which necessitated calling at Durban for the services of a diver. The stay was only twenty-four hours (21st June, 1916) but the troops had a route march through the town.

Cape Town was reached on 24th June, 1916, and left on 27th idem. No leave was granted, but troops had a route march and a sports meeting.

The next port of call was St. Vincent, reached on 11th July, 1916. No one was allowed on shore. The run from here was through the submarine zone, and was attended with the usual discomforts. The Pontoons of the Company first saw service here, being installed on the boat deck as emergency life-boats.

Finally, after a long voyage, during which there was a considerable amount of sickness, and the death of one member of the Unit, disembarkation took place on July 21st, 1916, at Plymouth. The Unit entrained to Amesbury and marched to Camp 20, Lark Hill, Salisbury Plains, joining up with the 3rd Australian Division, then slowly concentrating. The Company was the first of the Divisional Engineers to arrive, and at once came under the orders of Lt-Col. H.O. CLOGSTOUN, R.E., C.R.E. of the Division.

After disembarkation leave training proceeded at Lark Hill until 7th August, 1916, when the Unit entrained to Brightlingsea, Essex, for the purpose of carrying out Pontoon training. In the end it remained there for two months, doing the full course of R.E. training at that depot. Personnel were billeted on the townspeople and were the first Australians to visit the place; both the military authorities and the townsfolk were agreeably surprised to find that their lives and property were not appreciably jeopardised by the wild colonial soldiery.

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After the return to the Division at Lark Hill training in Field works in conjunction with Infantry was undertaken; the trench system at the Bustard will always be remembered by the original members of the Unit. A specially interesting exercise was a route march under tactical conditions lasting five days from Lark Hill through Chitterne, Westbury, Devizes, Pusey and back to camp.

On 24th November, 1916, after three months in England the Unit left for France, going by train to Southampton and embarking there on the B.I. s.s. "NIRVANA" which reached LE HAVRE next morning. After a "rest" in the wretched Docks Rest Camp at that port the unit entrained complete at 7 p.m. on the 26th and detrained at BAILLEUL at noon on the 28th. From BAILLEUL the transport marched, and the remainder bussed to BLEU near VIEUX BERQUIN.

From BLEU the unit went to STEENWERCK on the 30th Nov. 1916 and Headquarters and two sections moved into ARMENTIERES (billets in Tramway Barn at L'ATTARGETTE) on December 3rd, taking over LYS River bridges, Artillery work etc., the other two sections being on hutments and horse standings near STEENWERCK. The 3rd Division had relieved Frank's Force in the Armentieres sector and the 11th Field Company was reserve Field Company.

On 24th December 1916 the 11th A.I. Brigade relieved the 9th A.I. Brigade in the L'EPINETTE Sector, east of ARMENTIERES, and this Company took over engineer work in the area from the 9th Field Company, the whole company first concentrating in ARMENTIERES.

The Company remained working in this area until March 14th, 1917, when it took over work in the LE TOUQUET Sector, North of the River LYS, from the New Zealand Engineers, and moved into STUFF CAMP, PONT DE NIEPPE.

The period in ARMENTIERES constituted the Unit's first experience of actual war conditions. For the first three weeks work consisted of overhauling the demolition charges for existing bridges over the River LYS, and repairing temporary bridges. Assistance was also given the Artillery covering the Divisional front in the construction of O.P.s., and gunpits, among the ruins of HOUPLINES and the outskirts of ARMENTIERES. Lt. R.W. LAHEY was wounded while on this work, but returned to the Unit.

On going into the line with the 11th A.I. Brigade work was very vigorously prosecuted on the trench system, and the whole company worked very hard, in spite of the extremely severe winter weather.

At this time ARMENTIERES sheltered quite a large civilian population; estaminets, cafes and shops were numerous, and it was extraordinary to see the business of the town carried on so calmly within easy range of the enemy guns. The civilians were shelled out shortly after the battle of MESSINES.

On 5th April, 1917, preparatory work was commenced in the area of the MESSINES Battle - so called the "MAGNUM OPUS". On the 7th the LE TOUQUET Sector was handed over to the 105th Coy. R. E. and work concentrated on MESSINES preparation chiefly in the neighbourhood of PLOEGSTEERT Wood, Hill 63, and ST IVES. Work went on steadily until July 6th, when the company was shelled out of STUFF CAMP with the loss of four killed and three wounded.

June 24.5.19

In preparation for the MESSINES Battle a fine model was made by the Company surveyors of the area including Hill 63 and the MESSINES Ridge as far east as the River LYS. This model, which was of solid wood and showed great detail to a scale of 1/2,500 horizontal and 1/400 vertical, was used by the 11th Inf. Bgde. during the battle, and was afterwards sent to England for despatch to Australia.

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Early in the morning of June 7th, the company moved to WEKA LINES, ROMARIN, and stood by in reserve during the first stage of the Battle of MESSINES. On the 9th, the unit moved into BUNHILL ROW in PLOEGSTEERT WOOD, and relieved the 10th Field Co. A.E. The Company camp was shelled and gassed heavily all the first night, casualties being three killed and four wounded. Work has started immediately in the Battle area north of the River DOUVE, and every effort was made to improve the communications through the "Crater field" in order to facilitate the advance of the 11th A.I. Brigade, which had relieved the 10th A.I. Brigade in this area and experienced hard fighting in advancing to the "Green Line" and afterwards holding it. Enemy shelling was heavy, but the unit was fortunate enough to escape with very light casualties. During one heavy burst of shelling two sections of the company sheltered in the same trench as a company of infantry; the infantry suffered 23 casualties while the sappers escaped unhurt.

Lieut. W. H. THOMAS was in charge of the Divisional R.E. dump at CANPAC, in PLOEGSTEERT WOOD, throughout the preparations for the battle and the battle itself. Despite the heaviest shelling, both with H.E. and with gas, he stuck to his post in the dump and did a great deal to ensure the regular supply of materials. When the Division was relieved he was evacuated suffering from gas, but afterwards rejoined the Unit and was awarded the MILITARY CROSS. For good work in the operation, MILITARY MEDALS were awarded to 2nd Corpl. C.C. JONES, Driver A.A. PAGET, and Lce-Corpl. W.W. EVANS.

On 12th June, the company moved to LA BOUDRELLE, south of STEENWERCK - a most delightful place after the battle area - and on the 15th started work on the so-called Black Line south of the River DOUVE in the vicinity of GREY FARM. On the 20th this work was handed over to the New Zealand Engineers, and the company marched on the 21st to NEUVE EGLISE (camp at STAMPKOTMOLEN).

On the 23rd the MESSINES Sector was taken over from the 25th Division, and the company started work with the 11th A.I. Brigade, which was holding the forward system on the whole divisional front, from the River DOUVE to the BLAUPOORTBEEK. A very strenuous time ensued until July 11th, the infantry of the Brigade carrying out a vigorous policy involving pushing the line forward and an enormous amount of the digging, and the sappers carrying out well-sinking, repairs to concrete dugouts and construction of new shelters, trench improvements, tracks, maps, and similar work. In spite of considerable enemy artillery activity, losses were slight.

After six days training at NEUVE EGLISE the company marched to LA BOUDRELLE, but returned to NEUVE EGLISE and took part in the operation at the WINDMILL on July 31st. It returned to LA BOUDRELLE on August 15th and started pontoon training on the River LYS, but on the 19th was ordered to commence roofing the big ammunition dump at LA GRECHE. Work was, however, stopped on the 20th and on the 21/22 the unit moved with the Division to the training area near FAUQUEMBERGUES, S.W. of ST. OMER, and billeted in RECQUEBROEUCQ on the River AA.

Here the company stayed until September 25th, training, and refitting. This was a very delightful period, the accommodation for all ranks being good, the country people very kindly, and the weather favourable. Opportunities for training were also good, and the Unit was in a very good state when it started marching northward with the Division on September 25th, to take part in the third Battle of YPRES.

Before leaving the training area the company took part in two noteworthy parades, one on the 19th September, when the Divisional Engineers assembled with full transport and carried

out evolutions under the C. R. E., and again on the 22nd when the whole of the 3rd Division, less Artillery and transport, was inspected by the Commander-in-Chief, F.M. Sir Douglas HAIG.

The march northwards, with the 11th A.I. Brigade Group, was via BLARINGHEM, EECKE and POPERINGHE to YPRES, which was reached on the 30th September. The Company took over from the 529th Field Co. R.E. (3rd British Division) and billeted in cellars and shelters among the ruins just south of the prison. The horselines were at BRANDHOEK, with, later, an advanced camp east of YPRES.

For the next three weeks the company was continuously engaged in the battle area, in the Divisional sector, north of the ZONNEBEKE Railway, assisting first the 3rd Australian Division in the attack of October 4th, and then the 66th British Division on October 9th, and the 3rd Australian Division again in the *advance* of the 12th October. The work was very arduous and the company suffered a steady drain of casualties.

Under these conditions the possession of ample Comforts funds supplied chiefly by friends in Australia contributed considerably to the comfort and efficiency of the Unit, as it rendered possible the supply of hot drinks and food at all hours to the different parties, and of emergency chocolate rations to parties on exposed work.

Worthy of special note during this period was the work done by Lieut. J.M. NORTON and a small party of surveyors in laying down an elaborate system of jumping-off tapes for the attack of October 4th, and a similar task carried out by Lieut. S.W. MATTERS previous to the attack of the 9th October. On the 4th, Lieut. H. StA. MURRAY and a party of sappers and attached Infantry (the 11th A.I. Brigade had supplied a permanent working party of three officers and 100 other ranks who lived and worked with the company) pushed forward on to the top of the BROODSEINDE Ridge immediately behind the attacking infantry and dug and wired a number of strong points. The transport, both pack and wheeled, carried out very difficult and dangerous tasks under Captain O.B. WILLIAMS and Lieut. W.H. THOMAS M.C., and the work of the surveyors was also particularly arduous and valuable. Lieut. H. StA. MURRAY received the MILITARY CROSS, 2nd Corpl. C.P. ATKINS the MERITORIOUS SERVICE MEDAL, and 2nd Corporal A.M. STEWART, 2nd Corpl. J.J. MACE, Lee-Corpl. W.G. TOFT, Driver A.H. FURNISS and Sapper F.C. BUGDEN the MILITARY MEDAL.

On being relieved by the 12th Canadian Field Coy. Engrs., ^{22.10.17} the company moved back to RECQUEBROEUCCQ (dismounted by train, transport by road) and rested and refitted until 12th November, 1917, when the Division once more went into the line in FLANDERS, revisiting one of its old haunts in the LE TOUQUET - PONT ROUGE and WARNETON Sectors, taking over from the 8th British Division. The 11th Field Co. A.E. was placed in reserve, took over a camp near WULVERGHEM (28, T.10.a.5.9.) and commenced work on pipe-burying, Artillery positions, drainage and the like. Regular winter warfare conditions commenced, and much useful work was effected.

After a month in the line, the Division was relieved by the 2nd Australian Division and went into Corps Reserve, with Headquarters at METEREN, and the 11th Field Co. A.E. moved into MAHUTONGA Camp on WATERLOO ROAD near NEUVE EGLISE. A programme of training was commenced, but most of the available strength was soon absorbed on various back area works, and finally the Division somewhat unexpectedly took over the ARMENTIERES Sector from the 38th (Welsh) Division. This Unit went into the line with the 11th A.I. Brigade on the right, and billeted in the big Jute factory near the emergency bridge over the LYS.

Conditions were much as prevailed during the previous winter, there being plenty of work unhampered by any undue enemy interference. Under the circumstances quite a memorable Xmas was spent, the feasting by the section messes providing the best possible testimonial to their Cooks.

The stay in this Sector was quite short, the 57th British Division relieving the 3rd Australian Division on 3rd January, 1918, the 11th Field Co. A.E. returning to MAHUTONGA Camp.

The next move was into the LE TOUQUET - PONT ROUGE Sector with the 11th A.I. Brigade, the 11th Field Co. A.E. taking over from the 5th Field Coy. A.E., 2nd Australian Division, on 31st January, 1918. With the help of a permanent working party from the 11th A.I. Brigade, great progress was made in improving the drainage and the whole system of defences of the area, which was handed over again to the 5th Field Co. A.E. on 3rd March, 1918.

The Division was now due for its turn in the back area and the company moved by train and road for dismounted personnel and transport respectively to BAINGHEN-le-COMTE, about 14 miles from BOULOGNE. Training work was at once instituted, but the expected month at peace was rudely interrupted by the German attack on March 21st, and the Division hurriedly moved towards the line. Trains, as usual, took the dismounted personnel.

The first move was to the EECHE area on the 22nd March. On the 24th the company moved by motor lorry to WARDRECQUES Station (Divisional Headquarters, BLARINGHEM). On the 25th bridging equipment was picked up and all equipment overhauled. On the 26th a move was made to DOULLENS, and thence the unit bussed to FRANVILLERS, near the confluence of the SOMME and ANCRE, arriving on the 27th, and marching to HEILLY in the ANCRE valley. On the 29th it moved to BONNAY, a little to the south-west, and established horselines at FRANVILLERS. On the 30th the enemy attacked the 11th A.I. Brigade, but was repulsed with heavy loss.

The work of the 11th Field Company in the new warfare was very interesting. Bridges over the SOMME and the ANCRE had to be prepared for demolition and guarded; new emergency bridges were built, the pontoon equipment being actually put to use in one emergency; a steel bridge over the SOMME at BOUZENCOURT was blown down, and a number of mined dugouts were started. For this last work timber was essential, but was almost unobtainable. Some was salvaged, some cut by hand in the woods with pitsaws, until finally a small steam saw-milling plant was found in CORBIE, set up on the bank of the ANCRE near BONNAY, and run by men from the company.

The attack by the enemy on VILLERS-BRETONNEUX on April 24th, was accompanied by heavy shelling north of the SOMME, during which the company was driven out of BONNAY. It subsequently established itself in bivouacs in a valley near HEILLY. On the 24th Lieut. S.W. MATTERS and 2/Lieut. H.E.S. MELBOURNE were both wounded in the forward camp of their sections and a number of men gassed.

On the 30th April, line work was handed over to the 9th Field Company, A.E. and reserve company work taken over from them; and on May 10th the Division was relieved by the 2nd Australian Division and work handed over to the 7th Field Coy. A.E. and the 11th Field Coy. A.E. moved into PONT NOYELLES, the 3rd Australian Division becoming Corps reserve.

At PONT NOYELLES the company supervised the work of an English Labor Coy. on neighbouring trenches, and improved the emergency route and bridges over the River HALLUE, until the 20/21st when the Division relieved the 4th Australian Division

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in the VILLERS-BRETONNEUX Sector. The company relieved the 13th Field Coy. A.E., Headquarters and three sections moving into camp in a railway cutting just north of BOIS l'ABBE, one section in BLANGY and the horse lines in LA MOTTE.

Work continued on this sector, again with the 11th A.I. Brigade, until May 31st, 1918, the second anniversary of the departure from Australia, and the close of this account. Work was again interesting, including a number of deep dugouts in the chalk.

11th Field Co. A.E.

Casualties from 31st May, 1916 to 31st May, 1918.

Killed and Died of Wounds,	19 other ranks
Died of illness	1 " "
Wounded	6 officers
	50 other ranks

Honors and Awards.

MILITARY CROSS:	Lieut. W.H. THOMAS
	Lieut. H.StA. MURRAY
MERITORIOUS SERVICE MEDAL:	2/Cpl. C.P. ATKINS
MILITARY MEDAL:	Sapper W. STARK
	L/Cpl. W.W. EVANS
	2/Cpl. C.C. JONES
	Driver A.A. PAGET
	Sapper F.C. BUGDEN
	2/Cpl. A.M. STEWART
	L/Cpl. W.G. TOFT
	2/Cpl. J.J. MACE
	Driver A.H. FURNISS
	2/Cpl. W. JOHNS
	Sergt. R.B. OLIVER
	Driver J.H. CANNELL

Mentioned in Despatches:	Major R.J. DONALDSON
	Capt. O.B. WILLIAMS
	Sergt. G.W.J. MARSHALL
	2/Cpl. G.W. GRAY

Of the original Company of 7 Officers, 230 other ranks, which sailed from Australia, 3 Officers and 92 other ranks remained on 31st May, 1918.

R. J. Donaldson Major.

O.C. 11th Field Coy. Austn. Engineers.

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THIRD AUSTRALIAN DIVISION. APPENDIX 2

11th Field Company, Engineers.

62/82.
1/6/18.

WORKS REPORT FOR 24 HRS ENDED 6 am. 1st JUNE, 1918.

- No.1. section: Camp work and various.
- No.2. section: 40 Infantry.
 - 0.26.c.2.4. 30 Hurdles, 2 mats. Pitprops.
 - 0.26.c.9.3. Battalion Headquarters.
 - Right stairs 18'6". Centre slope (previously left slope) 22 ft. Left slope, trench dug.
- No.3. section: 50 Infantry.
 - 0.34.c.5.0. Dugout. Left stairs, right chamber 16ft. Right stairs, left chamber 17 ft.
 - 0.34.b.0.3. Dugout. Left stairs, entrance 75%.
 - 0.36.c.4.3. Salvaging timber for bunks.
 - ∅ Tank trap. No work owing to enemy activity. (Block is already an effective obstacle).
- No.4. section: 34 Infantry.
 - 0.28.c.6.5. R.A.P. Chamber 10'.
 - 0.28.c.8.5. B.H.Q. North face 15'. South face 9'6".
 - ∅ 0.27.c.1.3. T.M.H.Q. Slope 17'6". Changed to level.
- Pitsaws: Continue as usual.
- Surveyors: 1/10,000 plan issued to Brigade and Battalions.
- ∅ This job is on a Trench Mortar Headquarters not emplacement as previously stated.

s/dR.J. Donaldson Major
O.C. 11th Field Coy, Aust. Engineers.

THIRD AUSTRALIAN DIVISION.
11th Field Company, Engrs.

62/82.
4th June, 1918.

WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 4/6/1918.

- No. 1 Section. Camp work and various.
- No. 2 Section. 41 Infantry.
O.26.C2.4. Shurdles. 6 mats.
O.26.C9.3 Battn. H.Q. Right drive 3' in,
Centre drive 6' in. Trench for left slope 75%.
- No. 3 Section. 50 Infantry.
O.34.C.5.0. Both chambers connected through
and squared up. C.O's. chamber on the left,
first opening out set in position. Commenced
excavating vestibules at head of stairs.
O.34.b.O.3. Centre vestibule completed and
revetted up. Infantry filling in around the
left and centre entrances.
- No. 4. Section. 32 Infantry.
O.28.C.8.5. B.H.Q. (new entrance). North face
32ft. South face 26ft. in. (9ft. to connect).
O.28.C.6.5. R. A. P. Chamber 13ft. in.
O.27. C.1.3. T. M. H. Q. Progress.
- Pitsaws. As previously reported.
- Surveyors. Checking Front Line, trenches in BOIS d'AQUENNE,
etc.

Signed R.J. DONALDSON.
Major,
O. C. 11th Field Coy. Aus. Engineers.

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APPENDIX

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WORKS REPORT FOR 24 HRS ENDED 6 am. 7th June 1918.

No. 1. Section: Camp work and various.

No. 2. Section: 60 Infantry.
0.26.c.2.4.
0.26.c.9.3.

Cutting pitprops.
Bn.H.Q. Right drive 13' complete.
Placing open sets for chamber. Centre drive 16' complete. Placing open sets for chamber. Trench 100%.

No. 3. Section: 40 Infantry.
0.34.c.5.0.

0.34.c.0.3.

Left drive, left chamber, 7 ft.
Centre drive, right chamber, 6 ft.
Left vestibule, timber 90%.
Centre " " 75%.
Centre entrance, filling 80%.
Right " " 50%.
Right " timber 100%.

No. 4. Section: 36 Infantry.
0.28.c.8.5.
0.28.c.6.5.
0.27.c.1.3.
0.30.d.0.4.

B.H.Q. (new entrance).
North face 49'. South face 43'.
R.A.P. Chamber 16 ft in, complete and occupied by Power Buzzer personnel.
T.M. H.Q. Chamber opened on the right 1' in.
Sap through main road in support line, 6' to complete.

Pitsaw: As previously reported.

Surveyors: Checking front line, trenches in BOIS d'AQUENNE: etc.

s/d R.J. Donaldson. Major.
O.C. 11th Field Coy. Aust. Engineers.

Work done
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APPENDIX 2

WORKS REPORT FOR WEEK ENDED 6 a.m. FRIDAY, 7/6/1918.

VILLERS-BRETONNEUX SECTOR.

11th A. I. Brigade was relieved in sector by 10th A.I. Brigade, 3rd to 5th instant.

	Map Location	Description	State of completion	Remarks.
<u>TRENCHES:</u> NOTE: Condition of trenches in area shown on weekly trench condition map accompanying this report.	U.5.b.1.0. -	New Front Line	95%	Deepening and improving.
	U.5.b.7.9.	-do-		
	0.36.d.2.7.-	-do-	35%	Joining posts.
	P.25.c.7.4.	-do-		
	0.35.d.6.4.-	Support Line	30%	New trench across railway yard and thro' town. A difficult job.
	0.36.a.2.2.			
	0.30.c.9.1.-	JOHN C.T.	95%	Connected to front line.
	B.31.a.0.7.			
	Front Line, Right Bn.	T. recesses for living accommodation.	90%	of garrison accommodated.
	Support Line, Right Bn.	-do-	80%	-do-
	0.30.d.0.4.	Cut through road, including Russian sap under metal.	98%	To be developed into secret tank trap.
<u>WIRING:</u>	<i>Throughout</i> U.5.b.	Front Line wire, 2nd apron fence.	100%	Also repairs.
	<i>Throughout</i> 0.36.d.	Front Line wire.		Strengthening & repairs.
	U.4.b. - U.5.a.	Apron fence along S. side of FRENCH C.T.	100%	Low fence. Needs loose wire.
	0.36.b.	Apron fence along S. side of JOHN C.T.	50%	Poor. Needs loose wire.
	0.30.d.- P.25.c.	Apron fence along S. side of ALBERT C.T.	80%	Needs loose wire.
	<i>Throughout</i> 0.36.b.- P.31.a.	Front Line posts wired.		Low apron fence, requires additions.

Map Location	Description	State of completion	Remarks
<u>ACCOMMODATION:</u> 0.26.c.9.3.	Double Bn. Hqtrs.	2 entrances complete, started chambers.	Standard Bn. H.Q. 30 ft. cover, 45 deg. entrances.
0.34.c.5.0.	Accomm. D.O. 2 stairways 40' apart.	Chambers connected and driven 6' right, 7' left.	Week's progress 25 ft. chamber.
0.34.b.0.3.	Accomm. D.O. 3 stairways, chamber 100' long. Work, building entrances & gas-proofing.	90%.	Requires bunking.
0.28.c.3.5.	Bn. H.Q. new entrance, drive to railway. Two faces.	92 ft. complete.	75' driven, 57' to go.
0.28.c.6.5.	D.O. started as R. A. P.	New chamber 16'. Stopped.	Handed over to Signallers for Power Buzzer.
0.27.c.1.3.	T.M. H.Q.	First entrance complete. Chamber 1'.	Marking out second entrance.

SCREENING:

Malay Hitch mats made by small Infantry party and used for screening chalk from dugouts.

GENERAL.

0.26.c.4.3. Tank block in railway. 100%.

0.34.d.6.6. Rails disconnected, main line and sidings, for support line. 90%.

Near LAMOTTE. Pitsaws.

Three logs per day 8' to 10' into 3" Forest timber.

J. Donaldson
Major.
O.C., 11th Field Coy., Aus. Engrs.

62/82.

11th June, 1918.

WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 6a.m. 11.6.1918.

- No. 1 Section. Pitsaw (usual production).
Camp work and various.
- No. 2 Section. 78 Infantry.
O.26.C.2.4. 5 hurdles, 9 mats, 10 pitprops.
O.26.C.9.3. Reserve Battn. H. Q.
Right entrance, left chamber, 9ft.
Centre # , right # , 10ft.
Left incline, 9ft.
Infantry parties very disturbed owing to reliefs.
O.25.C.4.2. Brigade H.Q. Drive 10ft.
- No. 3. Section. 24 Infantry.
O.34.C.5.0. Centre entrance, right chamber 15ft.
Right entrance, 11ft.
Bunking, 20%.
O.34.b.0.3. Bunking 10%.
O.35.d.2.4. Coy. H.Q. Right entrance, 8ft.
(no infantry).
Y.M.C.A. Hut, erection 10%.
- No. 4. Section. 55 Infantry. (not including V.B. garrison), who work on keeps intermittently).
O.28.C.8.5. Battn. H.Q. (new entrance).
North face, 74ft. South face, 67ft.
Gas proofing, 75%.
O.27.C.1.3. T.M.H.Q. Chamber, 7ft. Second entrance started.
P.25.C.3.7. Coy. H.Q. Entrance 40 deg. slope 7'.
P.25.C.8.4. Sap under WARFUSE Road, Front Line, 5%.
All Infantry parties in this section area very disturbed owing to relief.
- Surveyors. Tracks, Location of and sketching Dugouts.

Signed R.J. DONALDSON,
Major,
O.C. 11th Field Coy. Aus. Engineers.

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THIRD AUSTRALIAN DIVISION
11th Field Coy. Aust. Engineers.

APPENDIX 2

62/82.
14th June 1918

WORKS REPORT FOR TWENTY-FOUR ENDED 6 am. 14th June 1918.

No.1. Section: Pitsaws (usual production).
Camp and various.

No.2. Section: 0.26.c.9.3. 60 Infantry. Reserve Batt.Hqrs.
Right entrance left chamber, 14' stopped.
Right entrance right chamber, 1½'.
Centre entrance, right chamber 17½'.
Left entrance, right chamber 12½'.

0.25.c.4.2. 16 Infantry. Brig.H.Q.Extensions.
Drive 28½' complete. Starting chamber.

No.3. Section: 0.34.c.5.0. 9 Infantry. Dugout.Bunking 70%.
0.34.b.0.3. Dugout.No Infantry.Bunking 40%. Bunking
delayed by lack of material.

BOULDER C.T. 10 Infantry.35 firing recesses.Commenced
demolition of wall.

0.35.d.2.4. Coy.Hqrs. 3 Infantry.Right entrance 16'.
S.P.shelter strengthened.

0.35.d.4.6. Y.M.C.A. 77-proof shelter, 10'x 8', 75%.

No.4. Section: 0.28.c.8.5. Batt Hqrs. 20 Infantry.Power Buzzer Room
chamber 3'.

0.27.c.1.3. T.M. H.Q. 15 Infantry.Chamber 12' Auxiliary
entrance 6'.

P.25.c.3.7. Coy.H.Q. 2 Infantry.Entrance 7½'.

P.25.c.8.4. Sap under road 12'.
Sappers supervising deepening JOHN and ALBERT
C.T.s.Also shoring up cellars, Keeps C and D
VILLERS-BRETONNEUX.

Surveys: Reconnaissance of area.

s/d R.J.Donaldson.Major.
O.C.11th Field Coy.Australian Engineers.

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APPENDIX 2

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11TH FIELD COMPANY
ENGINEERS,
8th AUSTRALIAN DIV.
No. 62/82
Date 14th June, 1918.

WORKS REPORT FOR WEEK ENDED 6 a.m. FRIDAY, 14/6/1918.
VILLERS-BRETONNEUX SECTOR.

	Map Location	Description	State of completion	Remarks
<u>TRENCHES:-</u> Note: Progress for week shown on skeleton tracing 1/30,000 accompanying this report.	O.35.d.8.7. to P.25.c.7.4.	New front line.	40%	Progress very slow owing to Batta. reliefs and to enemy activity.
	O.35.d.6.4. to O.36.a.2.2.	Support line connecting right & left Battalions.	55%	A difficult job. 75' wall demolished to improve field of fire.
	U.5.b.1.7. to U.5.b.1.5.	G.T. to Coy. Hqtrs.	90%	
	U.5.b.	Existing trenches		Deepening and widening as shown.
	O.36.a.8.1. to O.36.a.6.1.	Fire recesses along BOULDER C.T.	64 recesses cut	
	O.36.b.00.95 to O.36.b.6.2.	JOHN C.T. deepened 1 ft.		Also battered.
	P.25.c.8.4.	Sap under road	12'	
	O.30.d.0.4.	Sap under road	complete	Being widened to form tank trap.
	O.30.d.2.6. to O.30.d.3.6.	ALBERT C.T. deepened 1'.		Also battered.
	<u>WIRING:</u> Apron fences constructed as shown on map.			
<u>ACCOMMODATION:</u> Dugout plans herewith.	O.36.c.9.3.	Double Batta. H.Q.	35' chamber completed. 3rd entrance 15 1/2 ft.	Will be handed over for use when 50' chamber, dugout developed from 3rd entrance.
	O.34.c.5.0.	Accommodation D/O.	68' chamber. 35 bunks. Gas-proofed.	Usable. Brigade advised. To be developed from 3rd entrance.

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 APPENDIX 2

9.				
	Map Location	Description	State of completion.	Remarks
<u>ACCOMMODATION:</u> (Contd.)	O. 26. c. 8. 5.	Battn. H.Q. New entrance.	Complete 140 ft. Gas-proofed.	Started chamber for Power buzzer.
	O. 27. c. 1. 3.	T.M. H.Q.	12' chamber. 2nd entrance 6 ft.	
	O. 25. c. 4. 3.	Brig. H.Q. extension.	Drive 38 ft. Started chamber.	About 14 ft. chamber and 10' drive to complete.
	O. 34. b. 0. 3.	Accommodation D/O.	D/O. complete. Gasproofed. Bunking 40%.	In use.
	O. 36. d. 2. 4.	Coy. H.Q.	Entrance 10'	Existing shelter strengthened.
	P. 25. c. 3. 7.	Coy. H.Q.	Entrance 7 1/2'	Trench deepened.
	O. 35. d. 4. 6.	Y.M.C.A. shelter.	75%	
<u>GENERAL:</u>	Near LA NOTTE.	Pitsaws	Three 10' logs per day into 2" forest timber.	

R. J. Donaldson

Major.
O.C. 11th Field Coy. Aus. Engrs.

62/82.

18th June, 1918.

WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 6am. 18/6/1918.

- No. 1. Section. Pitsaw, usual production.
Camp work and various.
- No. 2. Section. 0.26.C.9.3. 60 Infantry. Reserve Battn.
H.Q. Left incline, 20'6" changing to
horizontal drive. Gas proofing and bunk-
ing in chambers between centre and right
entrances begun.
0.24.C.4.2. 8 Infantry. Brigade H.Q.
Left chamber 12ft.
- No. 3. Section. 0.34.C.5.0. 60 Infantry. Dugout. Right
slope 22ft., begun to drive on the level
for opening out chamber.
0.34.b.0.3. Dugout. Bunking 65% complete.
Woodwork for bunks 80%.
0.35.d.2.4. 6 Infantry. Coy. H.Q. Preparing
to open out for chamber.
Revetting up spoil and excavating entrance
to Y.M.C.A. 9ft.
U.3.C.9.6. Gas proofing 90%.
BOULDER C.T. 10 Infantry. 40-yds. wall de-
molished. 20 recesses excavated.
- No. 4. Section. 0.28.C.8.5. 10 Infantry. Battn. H.Q.
Buzzer chamber 8ft.
0.27.C.1.3. T.M.H.Q. 16 Infantry. Second
entrance 16ft.
P.25.C.3.7. Coy. H.Q. 8 Infantry. 15ft of
trench dug to increase size of
traverse at entrance.
P.25.C.8.4. Sap under road. 9 Infantry.
Spoil removed and spread.
0.30.d.0.4. Tank trap. 12 Infantry. 25%.
Trench patrol. 6 Infantry. Deepening JOHN
and ALBERT C.T.s.
1 N.C.O. and 4 Sappers supervising work on
Keeps in VILLERS BRETONNEUX.
Strengthening cellars.
- Surveyors. Locating M.G. positions. Enlarging plan of
VILLERS BRETONNEUX from aerial
photos. etc.

Signed R.J. DONALDSON.

Major,

O. C. 11th Field Coy. Aus. Engineers.

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THIRD AUSTRALIAN DIVISION.
11th Field Coy. Aust. Engineers.

APPENDIX

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62/82.
21/6/1918.

WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 6 am. 21 st June 1918.

- No.1. Section: Reinforcing other sections. Camp work etc.
- No.2. Section: O.26.c.9.3. Reserve Batt.Hqrs. 40 Infantry. Left drive 13 ft. Bunking and partitioning 75%.
O.25.c.4.2. Brigade Headquarters. 16 Infantry. Pilot drive 18 ft. 6 ins.
- No.3. Section: O.34.c.5.0. Dugout. No Infantry. Right drive advanced to 8 ft.
O.35.d.2.4. Coy.Hqrs. Dugout. 6 Infantry. Right drive, left chamber advanced to 4 ft. Right drive, right chamber opening set in position. Splinter proof for signals, 75%.
O.34.b.0.3. Dugout. No Infantry. Bunking complete. Dugout can be handed over. A few spreaders to be placed between I-beams.
O.36.c.4.2. Front Line. Sap under road. 4 Infantry. Sinking shaft to begin sap.
BOULDER C.T. No Infantry. 100 yds brick wall demolished.
- No.4. Section: P.25.c.3.7. Coy.Hqrs. Entrance drive 14 ft. Clearing spoil and digging out trench.
P.25.c.8.4. Sap under ^{road} 7 Infantry. Clearing out spoil
O.30.d.0.4. Tank trap. 11 Infantry. 30%.
O.27.c.1.3. T.M. Headquarters. 4 Infantry. 2nd. entrance in 20 ft. Two gas doors on main entrance. Box drain under traverse in front of entrance.
O.28.c.8.5. Batt.Hqrs. 20 Infantry. Buzzer recess 12 ft.
Trench Patrol: 10 Infantry. Deepening and improving JOHN and ALBERT C.T's.
Keeps in Villers-Bretonneux: 1 NCO. and 7 Sappers supervising works. Strengthening and gas-proofing cellars.
- Surveyors: Placing Artillery Notice boards behind front line, etc

s/d Owen B Williams, Capt.
for O.C. 11th Field Coy, Australian Engrs.

62/82

No.
Date 21st June, 1918.

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APPENDIX 2

WORKS REPORT FOR WEEK ENDED 6 a.m. FRIDAY, 21st June, 1918.
VILLERS-BRETONNEUX SECTOR.

	Map Location	Description	State of Completn.	Remarks.
<u>TRENCHES:-</u> Note: Progress for week shown on skeleton tracing, 1/10,000 accompanying this report.	0.36.c.9.2. to P.25.c.8.4.	New front line.	55%	
	0.35.d.6.4. to 0.36.a.2.2.	Support Line connecting right and left Battalions.	75%	
	U.5.b.1.7. to U.5.b.1.5.	G. T. to Coy. Headquarters	100%.	
	U.5.b.2.7. to U.5.b.4.5.	HERON C.T.	Deepened to 3 ft.	
	0.36.c.5.2.	C.T. to join RAIL C.T.	60 yds.dug average depth 3 ft.	
	0.36.c.60.05 to 0.36.c.50.15	Joining up of front line.	Dug to 2'6" depth	
	0.30.d.2.7. to P.25.c.15.70	ALBERT C.T.	Deepening and widening.	
	0.30.c.90.99 to 0.30.d.20.99	VILLERS Switch	Deepening and widening.	
	0.30.d.0.0. to P.25.c.2.0.	JOHN C.T.	Deepening and widening.	
	0.36.a.2.2. to 0.36.a.7.0.	SUPPORT Line.	Deepened & put in a state of defence.	
0.36.a.7.0. to 0.36.d.0.8.	BOULDER C.T.	Deepened, widened & partially fire-stepped.		
0.36.c.7.1. to 0.36.c.60.25.	RAIL C.T.	Cleaned out and deepened.		
0.36.d.10.65 to 0.36.d.10.80.	Old front line	Deepened to 3'6" and widened.		
0.36.d.25.40 to 0.36.d.25.50.	Front Line	Deepened to 4 ft.		
P.25.c.8.4.	Sap under road.	47%.		

Map Location	Description	State of completn.	Remarks.
<u>TRENCHES:-</u>			
Contd.	0.36.c.50.15	Sap under road to connect front line	Shaft for sap commenced, 5' x 3'.
	0.30.d.0.4.	Tank trap.	30%.

<u>WIRING:</u>			
	New wire and improvements shown on accompanying plan.		

<u>ACCOMMODATION:--</u>			
	0.26.c.9.3.	Double Battn. H.Q.	61' chamber completed Bunking 75%. Third entrance, slope complete 20'6". Drive from end of slope in 13'.
	0.25.c.4.2.	Brigade H.Q. extension.	16' chamber complete. Pilot drive to connect 18'6".
	0.34.c.5.0.	Accommodation Dugout.	XXXXXXXXXXXXXXXXXXXX Bunks for 5 O. Brigade 51 O.R. completed. 3rd entrance, slope 22 ft. Complete. Drive from end in 8'.
	0.34.b.0.3.	Accommodation Dugout.	Bunking complete for handing over. A few spreaders needed between I-beams.
	0.35.d.2.4.	Coy. H.Q.	Right entrance 26' complete. Opened out left chamber 4 ft. Opening set of left chamber in. Shelter for signals 75%. Preparing to start 2nd entrance.
	0.28.c.8.5.	Battn. H.Q.	Buzzer chamber off new drive 12 ft.
	P.25.c.3.7.	Coy. H.Q.	Entrance 14 ft. Trench deepened & traverse improved.
	0.27.c.1.3.	T.M. H.Qrs.	Chamber complete. 2nd entrance 20'. Main entrance gas-proofed.

APPENDIX 2

	Map Location	Description	State of completn.	Remarks.
<u>ACCOMMODATION:</u>	U.2.b.99.05	M.G.Dugouts	Gasproofing complete.	
	U.3.c.9.6.	do.	do.	
	O.34.d.1.1.	do.	do.	

<u>GENERAL:</u>	U.5.b.2.3. to O.36.d.3.7.	Artillery notice boards.	Placed behind front line as shown on sketch.	
	Near LAMOTTE	Pitsaw	Three 10-ft. logs cut into 2" forest timber per day.	

W. J. ...

Captain.
for O.C. 11th Field Coy. Aus. Engrs.

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DEFENCE SCHEME - VILLERS-BRETONNEUX SECTOR.

Ref. G2 D S.W. and S.E. 1/20,000.

11TH FIELD COMPANY
ENGINEERS,
8RD AUSTRALIAN DIV.

No. 67797
Date JUN 23 1918

1. PRECAUTIONARY:-

- (a) Two independent gas guards to be posted, one at each end of camp. On noticing gas sentry will wake two other members of guard, who will pass along cutting, sounding the rattle at each dugout.
- (b) All ranks will see that water bottles are full before going to bed.
- (c) Spare ammunition is in charge of section Quartermasters and at Orderly Room.
- (d) In the event of heavy bombardment of the vicinity of the camp with mustard gas, all ranks will use respirators and remain in dugouts until bombardment ceases or slackens, and will then be moved, by sections, on order from Company H.Q., by the best route to a clean area, and will remain there until the camp has been declared clean. All ranks moving about during mustard gas bombardment to wear water-proof ~~knicker~~ capes and to remove same on entering a dugout.

2. IN CASE OF HEAVY ENEMY BOMBARDMENT OR ACTUAL ATTACK:

- (a) Parties working in or forward of the CACHY system will report to nearest Infantry Company H.Q., or if impracticable to nearest officer for orders. On situation clearing will ask permission to return to own Company Headquarters.
- (b) Parties at work behind the CACHY System will report back to Company Headquarters.
- (c) Company Headquarters and all ranks in forward camp at O.25.d.3.7. (Railway Cutting) will stand to and await orders from C. R. E. or Brigade. All ranks to be fully equipped in fighting order, with respirators at the alert, but to remain in shelters until ordered out.
- (d) Personnel in Blangy Tronville will report to O.C., Reserve Field Company for orders.
- (e) Transport at LA MOTTE will harness up, but not hook in, load wagons, and stand to.

J. J. Donaldson

Major.
O.C. 11th Field Coy. Aus. Engrs.

DISTRIBUTION:

1. Co. H.Q.
2. Lieut. H.C. Valentine (Blangy)
3. Capt. G.L. Thirkell (La Motte)
4. C. R. E.
5. War Diary
6. File
- 14 8-12. • Spares.

War diary

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11TH FIELD COMPANY
ENGINEERS,
8RD AUSTRALIAN DIV.
3 62/00
No.
23rd June, 1918.
Date.....

Artillery Liaison Officer,
10th A.I. Bgde. H.Q.
C. R. E. - For information.

Lettered boards as in attached list have now been erected along the front line trench in this Brigade area. Each board is 3 ft. square, black with a white letter, and placed on the parapets of the trench so as to be visible from our side of the line.

I would be glad if you would draw the notice of the observers of Brigades and Batteries covering this front to these boards, and let me have any suggestions from them for improvement of the system.

Walter B. Williams

Captain,
for O.C. 11th Field Coy. Aus. Engrs.

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APPENDIX

H

31

ATTACHED TO LETTER No. G 62/96 of 23rd June, 1918.

ARTILLERY NOTICE BOARDS.

Reference Sheet 62D, S.W. and S.E.

A	Not placed
B	U.5.b.15.37
C	U.5.b.43.60
D	U.5.b.65.98
E	O.35.d.96.15
F	O.36.c.41.18
G	O.36.c.91.17
H	O.36.d.20.34
I	O.36.d.28.76
J	Not placed
K	" "
L	" "
M	" "
N	P.25.c.59.06
O	P.25.c.79.43
P	P.25.c.99.86

11th Field Coy. A.E.
23/6/1918.

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APPENDIX

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142

25th June, 1918.

ENGINEER INSTRUCTION No. 14.

1.-- The Third Australian Division (less Artillery) will be relieved by the Second Australian Division (less Artillery) in "A" Divisional Area on nights 27/28 and 28/29 June, 1918.

2. Field Companies and Pioneers 3rd Australian Division will relieve Field Companies and Pioneers 2nd Australian Division as under:-

Unit.	Relieve	Relieved by	Area	Headquarters	Remarks.
9th Fld. Coy.	7th Fld. Coy.	5th Field Coy.	FRECHEN- COURT.	B.23.central	Relief to be
10th Fld. Coy.	6th Fld. Coy.	6th Field Coy.	QUERRIEU.	H.11.central	completed
11th Fld. Coy.	5th Fld. Coy.	7th Field Coy.	RIVERY.	M.2.d.8.2.	by 6 p.m. 28th.
3rd Pion- eer Bn.	2nd Pion- eer Bn.		BUSSY	H.35.d.6.0.	inst.

3. Field Companies will take over the bridge guarding now being done by Field Companies 2nd Australian Division by 6 p.m. 27th inst.

4. Units will mutually arrange between themselves for the continuity of work during relief.

5. All other details will be arranged direct between units.

6. Copies of Hand-over Reports to reach C.R.E. by midnight 27/28th instant.

7. Units will advise C.R.E. directly reliefs are completed giving location of Unit headquarters.

8. C.R.E.'s. H.Q. will close at GLISY at 10 a.m. 29th inst. and open at COISY at same hour.

9. A C K N O W L E D G E.

Sd/ H. BACHTOLD. Lieut-Colonel,
C.R.E. 3rd Australian Division.

War diary

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11TH FIELD COMPANY
ENGINEERS,
3RD AUSTRALIAN DIV.
APPENDIX
No. 62/82
Date 27/6/18

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WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 6 a.m. 27/6/1918.

No. 1 section:

Reinforcing other sections and camp work.

No. 2 section:

O.26.c.2.3. Reserve Battalion Headquarters. 80 Infantry.
Left Drive, right chamber, 11 ft.
BOIS 1'ABBE: 6 Infantry. 12 hurdles.

No. 3 section:

O.34.c.5.0. Dugouts. 18 Infantry. Right drive, left chamber, 12 ft. 6 ins. Splinter-proof for Officers' Mess 100%.
O.35.d.2.4. Company Headquarters. 8 Infantry. Right drive, left chamber, tables and shelves made and put in position. Left drive 6 ft. 6 ins.
O.34.d.1.1. Alteration to gun platform complete.
HERON C.T. 10 Infantry. Deepening C.T. and cutting 13 recesses.
BOULDER C.T. 10 Infantry. 20 recesses cut.

No. 4 section:

P.25.c.3.4. Sap under road in front line, 11 Infantry. 34 ft
O.27.c.1.3. Trench Mortar Headquarters. 4 Infantry. Two Officers' bunks complete. 6 men's bunks 50% complete. Stairs in emergency entrance complete. Trench deepened and stepped. One gas door put in.
O.28.c.3.5. Battalion Headquarters. Camouflage at emergency entrance complete.
O.30.d.0.4. Tank trap. 10 Infantry.
P.25.c.3.7. Company Headquarters. 7 Infantry. Entrance drive in 12 ft. Trench round traverse deepened and widened.
Trench Patrol: 18 Infantry. Improvements to ALBERT and JOHN C.T.
O.27.c.3.4. Machine Gun Dugout. Placing shoes on existing posts.
Keeps in Villers Bretonneux:
"A" Topping up cellar roof, 50% complete. Repairing wire.
"B" 40 yards double apron wire erected. Gas-proof door erected.
"C" Strengthening cellar roof, 50%. Repairing damaged wire.
"D" Shell-proofing cellar complete. Clearing emergency cellar.

Surveyors:

Reconnaissance and survey of Villers Bretonneux Keeps.

R. W. Lakey

for Major.
O.C., 11th Field Coy. Aus. Engrs.

War Diary

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11th FIELD COMPANY
ENGINEERS,
8th AUSTRALIAN DIVISION
No. 80743
Date 27th June, 1918.

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INFANTRY WORKING PARTIES UNTIL FURTHER NOTICE.

Section No.	Party No.	No. of men.	Job	Rendezvous	Hour	Unit supplying
No. 2	22a	10	Battn. H.Q. Dugout	Monastery	6 a.m.	C Battn.
	22b	10	-do-	"	to 1 p.m.	D "
	22c	10	-do-	"	1 p.m. to 8 p.m.	D "
					8 p.m. to 3 a.m.	

No. 3	31a	6	D/O. O.34.c.8.0.	Job.	6 a.m.	C Battn.
	31b	6	-do-	"	to 1 p.m.	"
	31c	6	-do-	"	1 p.m. to 8 p.m.	"
	33a	10	Fire recesses & trench improvements, "A" Bn. area, inc. BOULDER C.T. O.35.a.8.0.	Bridge	8 a.m.	"
	33b	10	-do-	Intersection of FRENCH C.T. & CAGHY Line. U.4.a.7.0.	8 a.m.	"
	34a	6	Co.H.Q. O.35.d.2.4.	Job.	6 a.m.	"
34b	6	-do-	"	to 1 p.m.	"	
					1 p.m. to 8 p.m.	

No. 4	43a	6	Trench Mortar H.Q.	Job.	As arranged.	T.M. Bty.
	43b	6	-do-	"	"	"
	44a	2	Co. H.Q. P.25.c.3.7.	Pineapple	9 a.m.	D Battn.
	44b	2	-do-	Switch at Orchard O.29.b.6.4.	9.30 p.m.	"
	45a	3	Sap under road, Front Line, P.25.c.8.4.	"	9 a.m.	"
	45b	3	-do-	"	9.30 p.m.	"
	46	20	Fire recesses & trench improvements, B.Bn area.	"	8 a.m.	"
		130				

27th June, 1918.

MAJOR.
O.C. 11th Field Coy. Aus. Engrs.

HANDING-OVER NOTES. VILLERS BRETONNEUX SECTOR.

27/

Nov 6 1918

Date

TO: 7th Field Company, Engineers: SECOND AUSTRALIAN DIVISION.

Reference: 62D S.W. & S.E., 1/20,000.

SECTOR: Right Brigade. South boundary, grid line west from U.5.central. North boundary, P.25.central to O.29.central, thence to O.23.d.3.4. and westward along main AMIENS Road.

COMPANY DISPOSITIONS:

Headquarters and three sections in Railway Cutting, O.25.d.3.7. (there is now room for four sections in this position). One section BLANGY TRONVILLE, N.22.b.1.1. Horse Lines, LAMOTTE, N.13.d.3.7.

MAPS ETC.

Following handed over herewith :--
G. R. E. Plan of Divisional forward area (76) 1/20,000 - one print.
11th Field Coy. Plan of Brigade area, 1/10,000 - one tracing, 6 prints.
Print, 1/10,000 plan showing condition of trenches.
File of dugout plans.
Plan, 1/2,500, Villers Bretonneux "Keeps".
Tracing (old) " " "
125 Air photographs.
Copy of Defence Scheme (standing orders).
Brigade Works Distribution.
Permanent working party table.
Company Daily Works Reports 27th and 28th /8/1918 (to 6 a.m.).
List of stores handed over.

WORK IN HAND:

(1) Trenches:

Joining up and deepening new front line in O.36.c., O.31.a., and P.25.c.
Joining up Support Line across railway yard at O.35.d.7.7. and across road at O.35.d.9.9.
Joining front line across railway cutting, O.36.c.9.3.
Joining Support Line and French Support in U.5.a.5.7. to U.5.a.3.7.
Deepening Digger Support Line from ALBERT C.T. to PITT St.
Deepening trenches generally and providing fire recesses throughout area (two patrols of 20 men each by day).

(2) Wire:

Front Line, near railway.
Front Line, P.31.a.8.5.
Valley, about O.34.d.5.6.

(3) Accommodation:

O.26.c.9.3. Reserve Battalion Headquarters, extending through third entrance.
O.34.c.5.0. Infantry Dugout. Extending through third entrance.
O.35.d.2.4. Company Headquarters, 2nd entrance in hand.
O.32.c.8.1. No. 6 Machine Gun Dugout. Bunking.
T.6.b.1.3. No. 4 " " " "
P.25.c.3.7. Company Headquarters. First entrance in hand.
O.27.c.3.4. Machine Gun Company Headquarters. Bunking
"Keeps" in Villers Bretonneux. Shoring up and strengthening cellars, providing second entrances, gas-proofing, etc.

(4) Various:

142 Artillery boards along front line - see attached copy of letter to Artillery Liaison Officer, 10th A.I. Bgde.

PROPOSED WORK:-(1) Trenches:

The proposed advancement of the front line east of house in P.25.d.1.5. and of hanger in P.25.c.2.3. would give very valuable observation.

Proposed new trenches shown on copy of 1/10,000 plan showing condition of trenches.

(2) Wires:

Left Battalion area urgently requires wiring, particularly front line in vicinity of WAREHOUSE ROAD.

The new Support Line through Villiers Bretonneux from O.35.d.3.5. to O.36.a.6.0. requires much wire.

(3) Accommodation:-

Company Headquarters required about U.5.b.0.7.

" " " " O.36.a.9.8.

" " at O.30.b.3.1. requires

strengthening.

Dugout for garrison of Support Line above O.35.d.3.3.

Additional dugouts for Infantry of Support battalions, to be sited to suit dispositions.

DISPOSITION OF BRIGADE ETC.

Brigade Headquarters, O.25.c.45.25.

Two Line Battalions Headquarters, O.29.c.8.5.

Two Support Battalions Headquarters, O.26.c.2.3.

Boundary between Battalions, grid line running West through O.36.central.

R..A. Ps. at O.35.c.0.5. O.29.d.0.2.

A. D. S. at O.27.d.7.8.

M. D. S. at N.26.d.1.3.

DUMPS ETC.

Divisional Transit Dump at N.29.c.3.4.

Company waggons deliver (by day) to job as far forward as O.35.d.1.5.; by night to O.29.b.3.4.

WATER:-

By cart from BLANGY to forward camp and to BLANGY detachment.

COMMUNICATIONS:

Headquarters by telephone to Right Brigade.

BLANGY detachment by 'phone of reserve Field Coy.

Herse Lines can be reached by 'phone to Machine Gun Battalion Signal Section, thence by messenger.

27/6/1918.

A. Donaldson
MAJER.
O.C., 11th Field Coy. Aus. Engrs.

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APPENDIX

8A

No. 22/22
Date 22/6/18

WORKS REPORT FOR WEEK ENDED 2 p.m. FRIDAY, 28th JUNE, 1918.
VILLERS-BRETONNEUX SECTOR.

Map Location	Description	State of Completion	Remarks.
TRENCHES: O.36.c.2.2. Note: Progress for P.25.c.3.4. week shown on sketch O.35.d.6.4. ing 1:20000 to accompany-0.36.a.2.2. ing this report.	New front line	75%	Very little new work has been done, but the line has been improved in places as shown by sketch.
	Support Line connecting right & left Battalions.	80%	Trenches now almost connected through but require deepening and widening.
U.3.b.7.4. to U.4.a.3.9.	Extension to GACHY Support. joining on to ALLIES C.T.	100%	Not full depth. (Dug by French).
U.4.b.0.6. to U.4.b.95.80	Extension of switch line to ALLIES C.T.	100%	To Depth.
O.22.c.4.6. to O.22.c.4.3.	GACHY Support.	Im- proved.	Trench cleaned out and partially dug to depth.
U.5.b.2.7. to U.5.b.4.5.	HERON C.T.	Improved and fire recessed	53 fire recesses 3'6" x 2' put in.
O.36.c.5.2.	C.T. to join RAIL C.T.	100%	Needs improving.
O.36.c.4.2.	Sap under road.	Complete.	Junction with front line on north of road also established.
O.36.a.7.0. to O.36.d.0.8.	BOULDER C.T.	Improved, recessed to old front line.	60 fire recesses 3'6" x 2' put in.
O.36.c.7.1. to O.36.c.60.25	RAIL C.T.	Deepened and cleaned out.	
O.30.d.0.0. to P.25.c.2.0.	JOHN C.T.	Deepened and widened.	
O.30.d.2.7. to P.25.c.15.70	ALBERT C.T.	Improved where shown on sketch.	
O.36.d.10.65 to O.36.d.0.3.	Front line.	Improved.	
P.25.c.3.4.	Sap under road.	100%	
O.30.d.0.4.	Tank trap.	Excavation complete.	Needs improvement.

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Map Location	Description	State of completion	Remarks.
<u>TRENCHES:</u>			
Contd.	O. 30. c. 7. 9. to O. 30. d. 3. 9.	VILLERS SWITCH.	Improved. Widened and deepened.
	P. 95. c. 6. 2. to P. 95. c. 8. 1.	C.T. joining old and new front lines.	Deepened.

<u>WIRE.</u>			
	New wire and improvements shown on accompanying plan.		

<u>ACCOM- MODATION:</u>			
	O. 26. c. 9. 3.	Double En. H.Q.	Bunking 100%. Third entrance drive complete, and right chamber 17 ft.
	O. 25. c. 4. 2.	Bgde. H.Q. extension.	Chamber complete. Connecting or pilot drive also complete. Bunks fitted in and tables put up. Gas-proofed.
	O. 34. c. 5. 0.	Accommodation D/O.	Third entrance complete. Left chamber 13 ft. Right " 1 "
	O. 35. d. 2. 4.	Coy. H.Q.	Right entrance Chamber gas-proofed & fitted with tables, shelves, & 4 bunks. Left chamber 11'. Right chamber 2'. Left entrance 9'. Splinter-proof d/o, 7' x 7' put up for signals.
	O. 22. c. 9. 6.	Battn. H.Q.	Buzzer chamber complete, bunked and fitted. Repairs effected to entrances.
	P. 25. c. 3. 7.	Coy. H.Q.	Entrance 18 ft. Trench deepened and widened and traverse improved.
	O. 27. c. 1. 3.	T.M. H.Q.	2nd entrance 100%. Traverse put in outside entrance. One gas door put in. 3 Officers' bunks put in. 6 bunks for C.R. 50% stairs complete.
	O. 27. c. 3. 4.	M.G. D.O.	Strengthening roof and repairs. Shoes on legs to be put in and intermediate sets placed.
	O. 34. b. 0. 3.	Accommodation D/O.	Spreaders put in and D/O. handed over.
	O. 34. d. 1. 1.	M.G. D.O.	Platform and table in shaft put in. Gas proof trap door complete. Bunks erected. Complete.
	O. 32. c. 8. 1.	No. 6 M.G. D/O.	Timbers cut for bunks.
	T. 6. b. 1. 3.	No. 4 "	Timbers cut for bunks.

Map Location	Description	state of completion	Remarks.
<u>KEEPS IN VILLERS BRETONNEUX.</u>	Keep "A".	Three cellars connected and tunnel timbered. Gas-proofed. Cellar partially timbered and supports to roof 80%. Wire repaired.	Bricks put on roof.
	Keep "B".	Two cellars connected by tunnel. 4 cellars gas-proofed. 1 cellar strutted. Bricks placed on roof. 70 yds. double apron wire put up.	
	Keep "C".	Cellar strutted and timbered. Gas-proofed. Emergency exit put in. Roof strengthened with broken bricks 80%. Wire repaired.	
	Keep "D".	One cellar gas-proofed. One cellar strutted. Two cellars cleaned out.	Strengthening of roofs 80%. Tialbering cellars 80%.

<u>GENERAL.</u>	"H" G. 36. d. 30. 36	Artillery notice board.	Placed behind front line as shown on sketch.
	"I" G. 36. d. 38. 76	" " "	
	HN" P. 36. c. 69. 06	" " "	
	"O" P. 36. c. 73. 43	" " "	
	"P" P. 36. c. 99. 88	" " "	
Near LAMOTTE.	Pitsaw.	Three 10-ft. logs cut into 3-in. forest timber per day.	
Surveyors:	Survey of keeps in Villers Bretonneux, and plan made.		

Oliver Williams

Captain.
for O.C. 11th Field Coy. Aus. Engrs.

Wainwright

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8A

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62/33

28/6/1918

WORKS REPORT FOR TWENTY-FOUR HOURS ENDED 6 a.m. 28/6/1918.

No. 1 and No. 2 sections:
Moved to RIVERY.

No. 3 section:

O.34.c.5.0. Dugouts. 18 Infantry. Right drive
left chamber, 13 ft. Right chamber 1 ft.
O.35.d.2.4. Company Headquarters. 8 Infantry. Left
drive 9 ft.
HERON C.T.: 10 Infantry. Deepening and widening.
BOULDER C.T.: 10 Infantry. 20 recesses cut.

No. 4 section:

P.25.c.3.4. Sap under road in front line. 11 Infantry.
39 ft. complete.
O.27.c.1.3. Trench Mortar Headquarters. 4 Infantry.
6 men's bunks complete. Two gas doors put in.
O.30.d.0.4. Tank Trap. 10 Infantry. Excavation
complete and timbered. Requires deepening.
P.25.c.3.7. Company Headquarters. 7 Infantry. Sides
of entrance timbered.
Trench Patrol: 18 Infantry. Improvements to ALBERT
and JOHN C.Ts.
O.27.c.3.4. Machine Gun Dugout. Placing shoes on
existing posts. One intermediate set put in.

Surveyors:

Reconnaissance of trenches.

A. E. Donaldson
Lieut.

for O.C. 11th Field Coy., A. E.

Third Australian Division
Parade State as at noon 1st June - 1918.

Unit	Present			ABSENT			Sick			Detached			Total Strength			Estab-lishment			Wanting to complete		Attached		Drs %/srr.
	O	N.C.O	men	O	N.C.O	men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	
11 th Fld. Coy. Aust. Engineers.	7	32	109				3	2			14	10	32	165	7	34	176	2	11	2	20		-

Signed A.B. Williams
 Capt.
 O.C. 11th Field Coy. Aust. Engineers

APPENDIX

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Third Australian Division
Parade State as at noon 10th June - 1918

Unit	Present			ABSENT			Sick			Detached			Total Strength			Estab-lishment			Wanting to complete			Attached		Dtrs %/sr.
	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	N.C.O	Men	O	O.R	
11 th Field Coy. Aust. Engineers	8	33	170						2			12	8	33	184	7	34	176				2	54	-

Signed B Williams Capt.
O.C. 11th Field Coy. Aust. Engineers

NDIX
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Third Australian Division
Parade State as at noon 9th June - 1918.

Unit	Present			ABSENT			Sick			Detached			Total Strength			Estab- lishment			wanting to complete			Attached		Dtrs %sr.
	O	N.C.O	men	O	N.C.O	men	O	N.C.O	men	O	N.C.O	men	O	N.C.O	men	O	N.C.O	men	O	N.C.O	men	O	O.R	
11 th Field Coy. Aust. Engineers	8	34	189		1							12	8	34	202	7	34	176				1	16	13

Signed R. W. Lacey Lieut.
 O.C. 11th Field Coy. Aust. Engineers

Third Australian Division
Parade State as at noon 30th June - 1918.

Unit	Present		ABSENT		Sick	Detached	Total Strength			Estab-lishment			wanting to complete		Attached		Dress % etc.
	O. N.C.O. men	P. N.C.O. men	O. N.C.O. men	P. N.C.O. men			O. N.C.O. men	P. N.C.O. men	O. N.C.O. men	P. N.C.O. men	O. N.C.O. men	P. N.C.O. men	O. N.C.O. men	P. N.C.O. men	O. N.C.O. men	P. N.C.O. men	
11 th Field Coy. Aust. Engineers	8	33	1		2	1	12	8	34	504	7	34	176				13.

Signed: R.W. Laker Lieut.
 O.C. 11th Field Coy. Aust. Engineers

APPENDIX

9

War Diary

142

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

APPENDIX

11th Field Company
ENGINEERS.
AUSTRALIAN DIV.
No. 3075
Date 6th July, 1918.

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STATEMENT OF MATERIAL SALVAGED AND USED ON VARIOUS WORKS DURING PERIOD 21st MAY, 1918, to 28th JUNE, 1918, in VILLERS-BRETONNEUX SECTOR.

- 5,000 Lin. ft. 4" x 3" sawn timber.
- 1,100 " 3" x 3" " "
- 2,000 " T. & G. Matchwood lining.
- 275 Sheets Corrugated Iron.
- 46 Rolled Steel Joists, 8' x 6" x 3".
- 70 Steel shoes for same.
- 180 Pit-props, 6' to 12' long x 6" mean dia.
- 84 Mining Sets, 6'6" x 2'9"
- 15 " " , 5'0" x 2'9"
- 9 Segments Small E. Iron.
- 2 Windlasses.
- 1 2" Service Pump. (3rd Pioneer Battalion).
- 1 Portable Engine, 4 h.p. (-do-).
- 200 asstd. Wooden pickets for wiring.
- 97 coils Barbed wire.
- 10 " 14 swg. Plain wire.
- 5 " Wire netting.
- 43 Railway Sleepers (not taken from permanent way).
- 35 Blankets for Gas-proofing.
- Timber (asstd. sizes) for 3 L.G. Posts.
- " " " " 20 Gas-proof doors.
- 3 cwt. Assorted wire nails.
- 90 ft. Camouflage (Coir rope).
- 1 Fishing net Camouflage (30' square).
- 60 ft. Green wire netting camouflage.
- 20 fms., 5" circum. Manilla Rope.
- 10 fms. Steel cable.

W.H. Thomas

Lieut.,
for O.C. 11th Field Co. A. E.

DISTRIBUTION:

- 1. C.R.E.
- 2. Div. Salvage Officer.
- 3. War Diary.
- 4. File.

Copy No. 3

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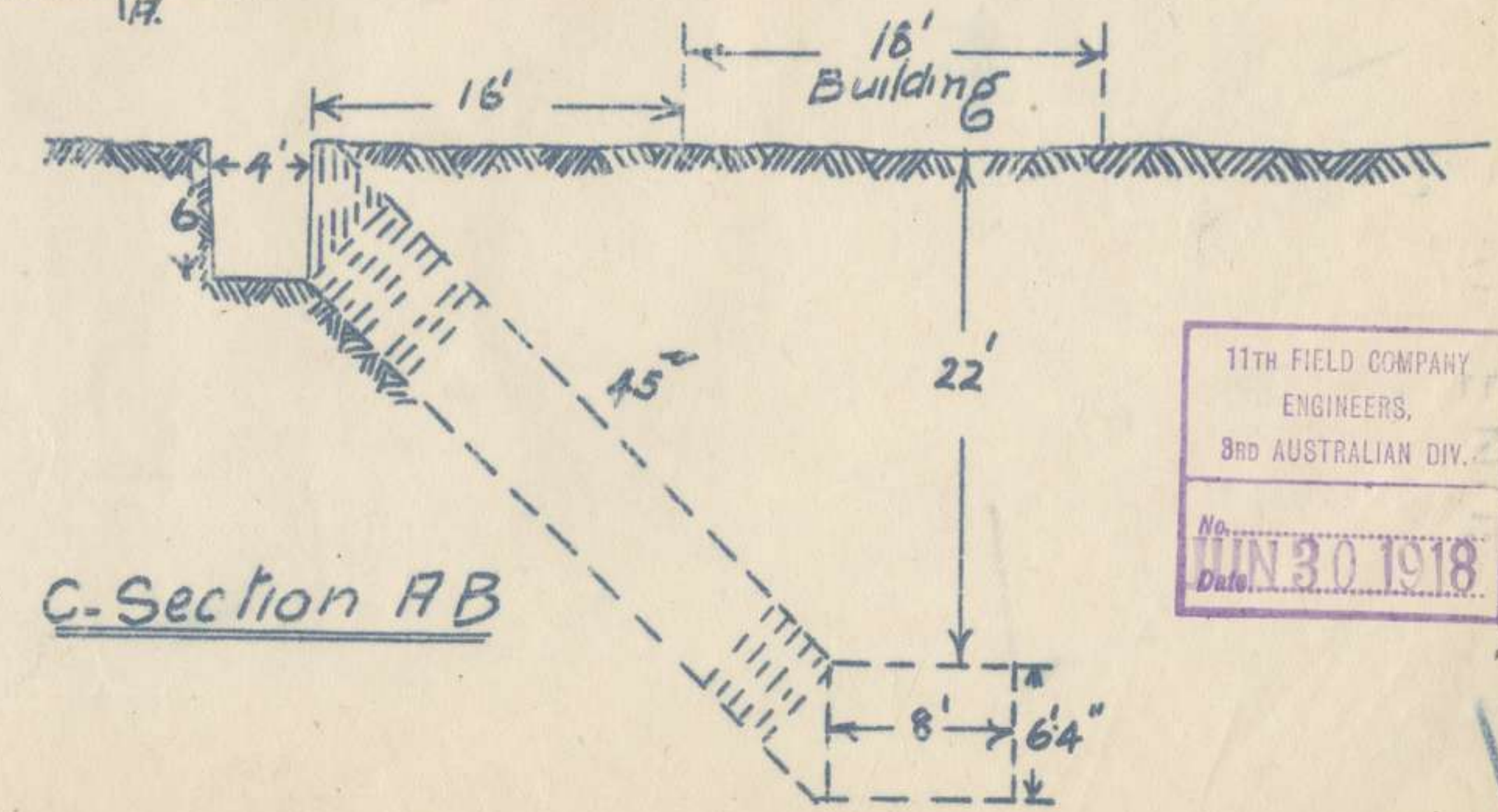
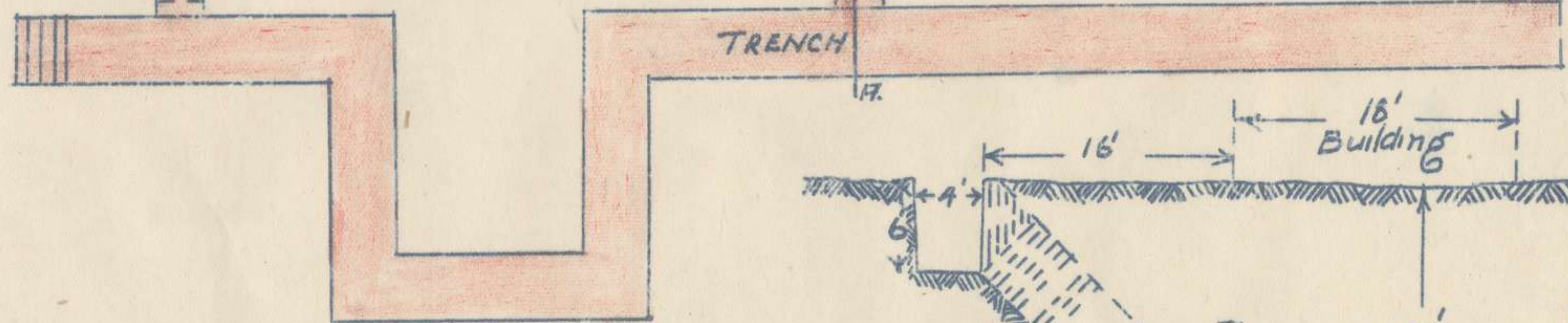
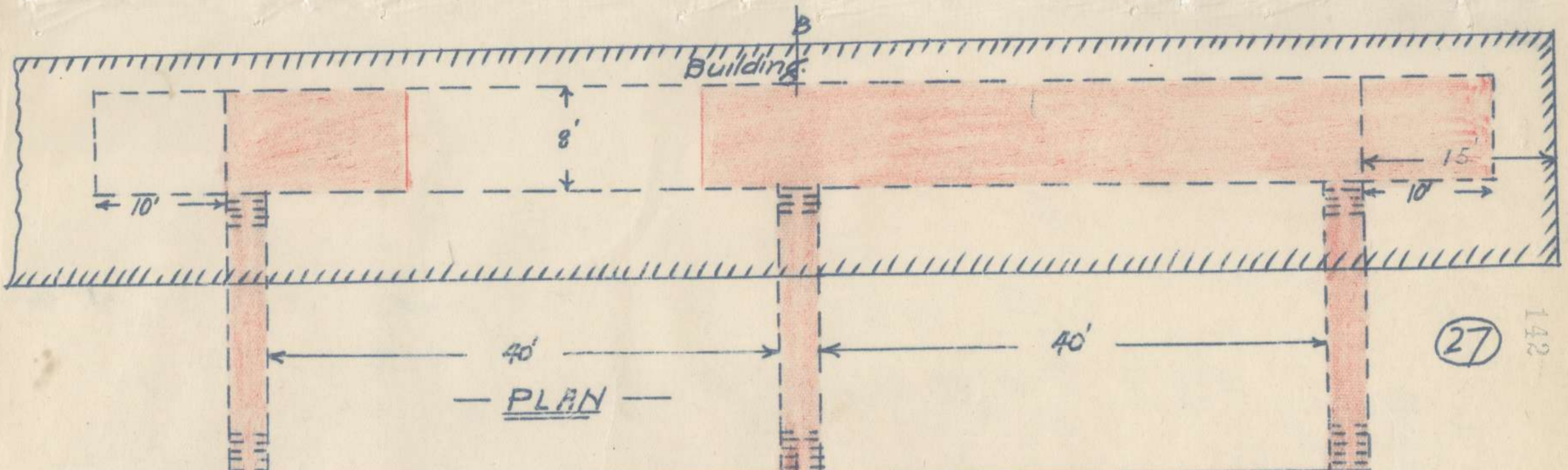
APPENDIX

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DUGOUT FILE.

VILLERS BRETONNEUX SECTOR.

Progress of Work up to 6AM 28/6/18. shewn in RED.



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11TH FIELD COMPANY
ENGINEERS,
8th AUSTRALIAN DIV.
No.
Date JUN 30 1918

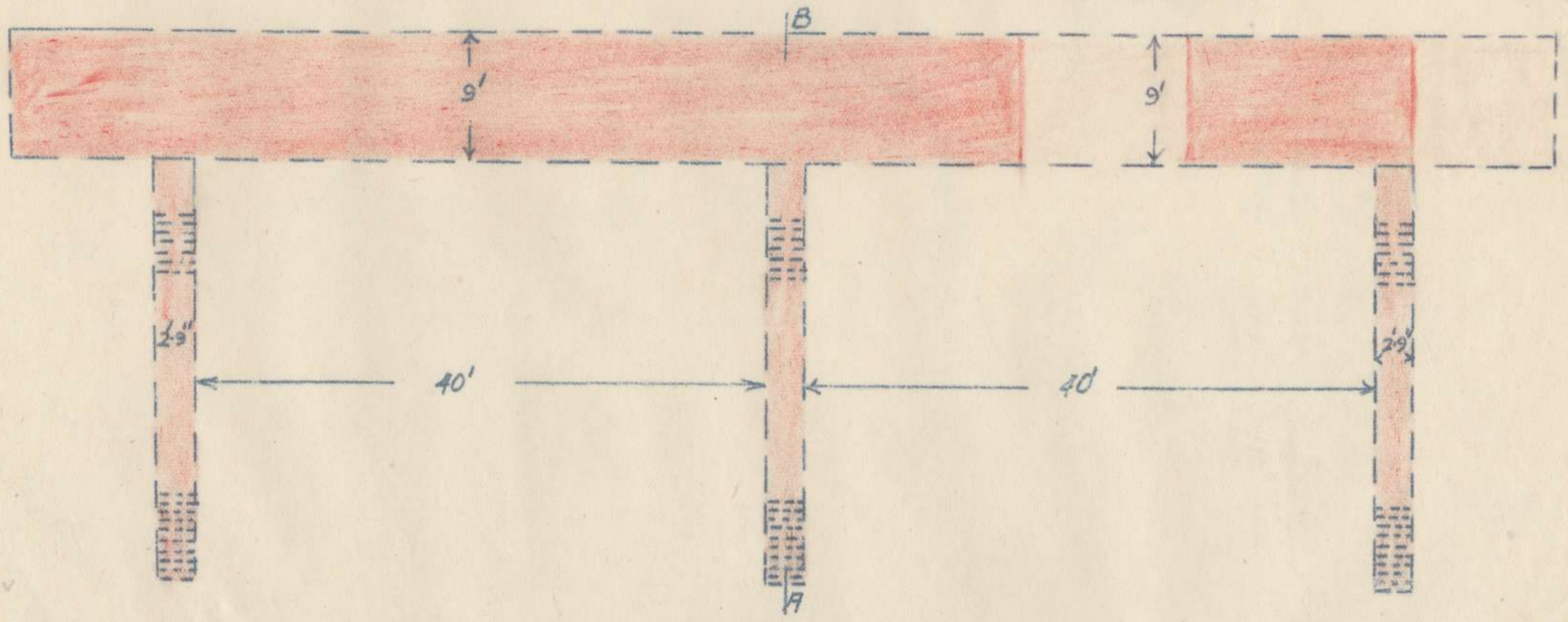
APPENDIX

MINED DUGOUT
Double Battln. H. Q.
Scale 1" = 10'

Sheet 62°
026 c-9-3

11TH FIELD COMPANY
ENGINEERS,
8RD AUSTRALIAN DIV.
No.
Date JUN 30 1918

— MINED DUGOUT —
SHEET 62^D 034 C 50-05
— Scale 1" = 10' —



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— PLAN —

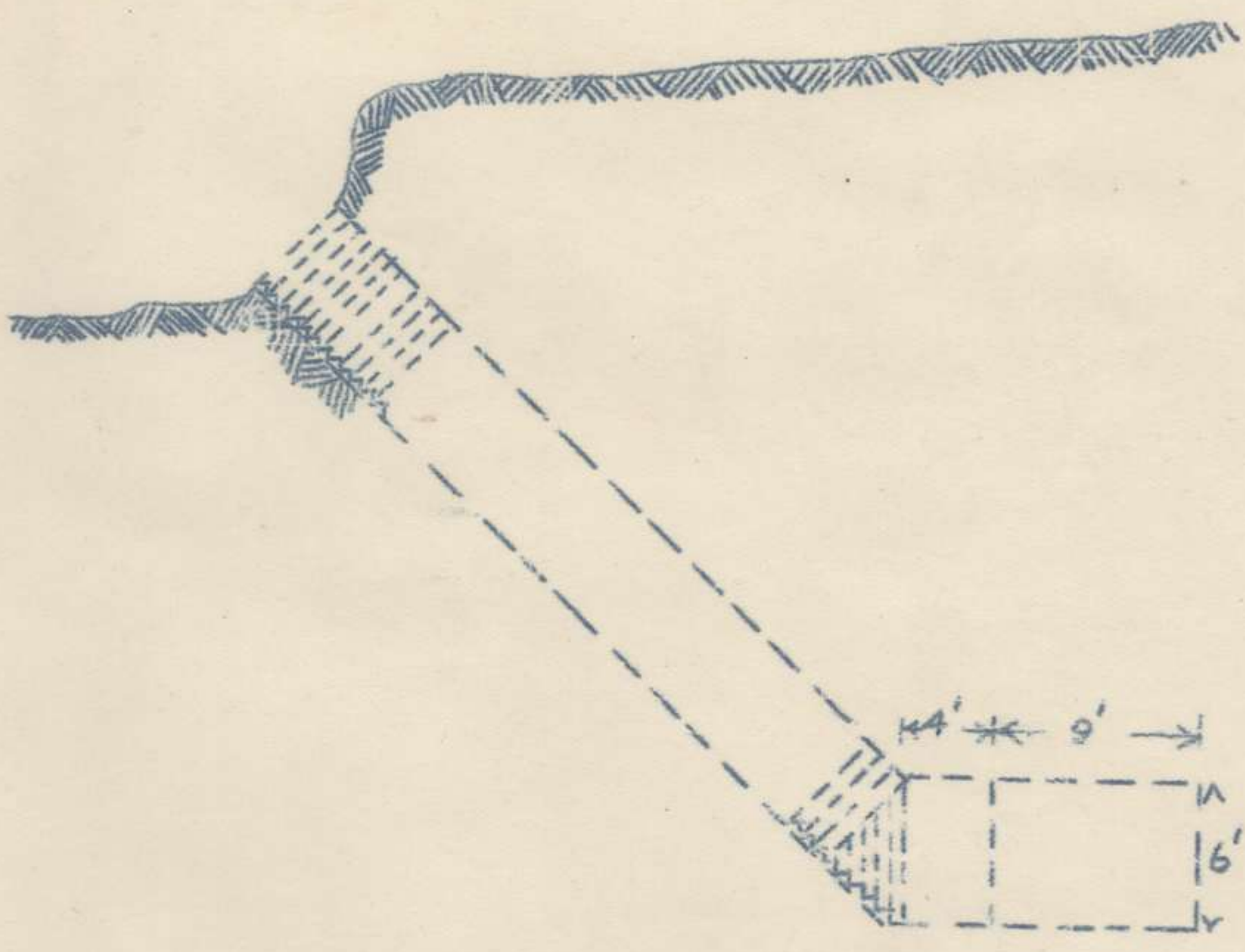
APPENDIX
11

APPENDIX

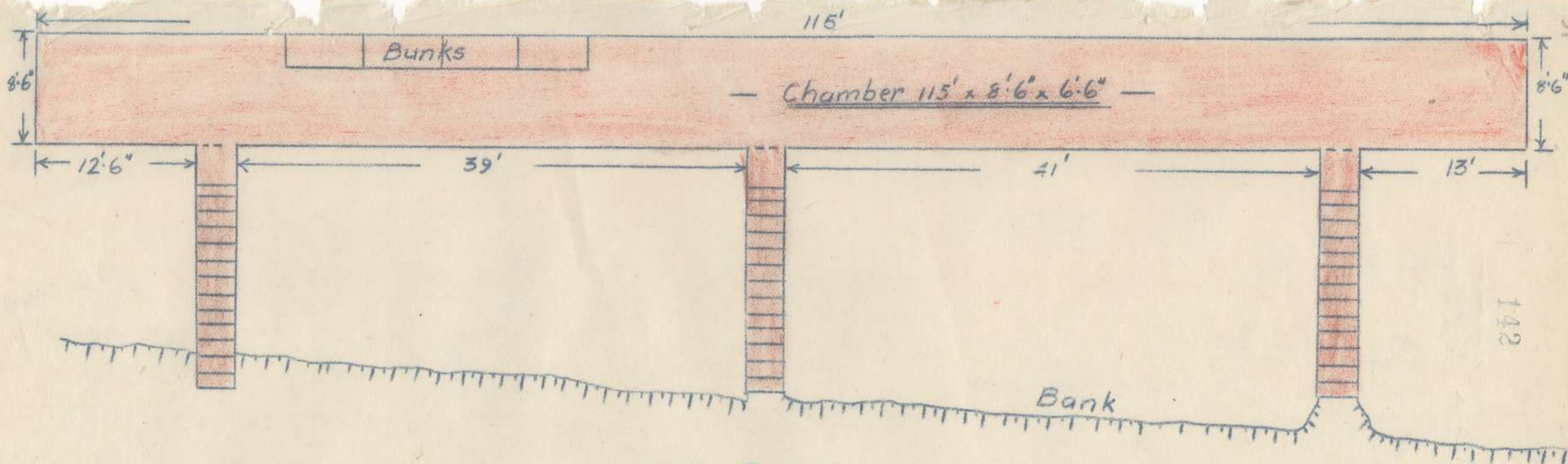
11TH FIELD COMPANY ENGINEERS, 8RD AUSTRALIAN DIV.	
No.
Date

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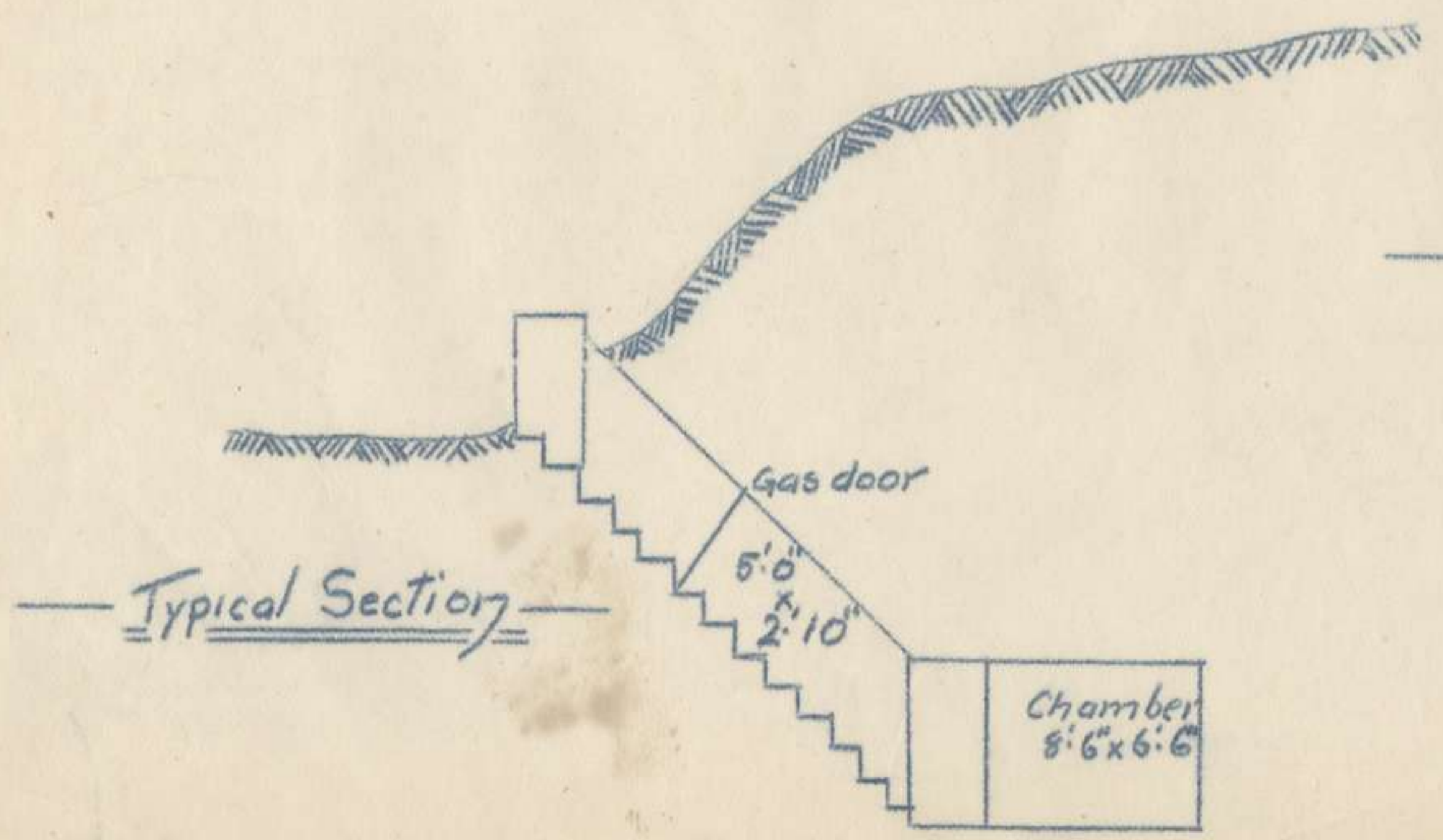
— MINED DUGOUT —
 — SHEET 62° 034.C. 50.05 —
 — Scale 1" = 10' —



C. SECTION A B



— PLAN —



— Typical Section —

— MINED DUGOUT —

— Sheet 62°034 b 05-35 —

— Scale 1" = 10' —

APPENDIX II

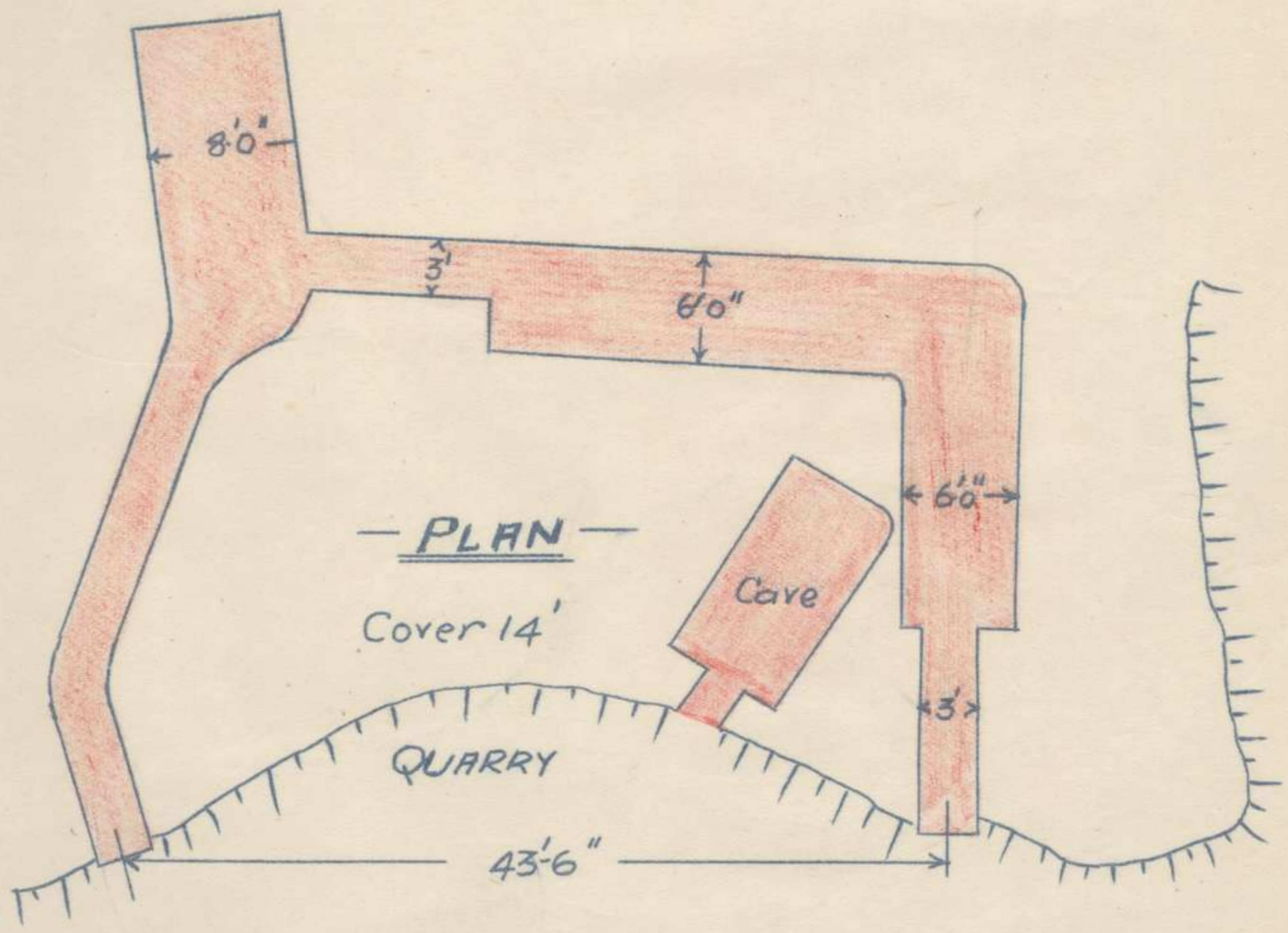
11TH FIELD COMPANY ENGINEERS, 3RD AUSTRALIAN DIV.	
No.
Date

APPENDIX



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11TH FIELD COMPANY ENGINEERS, 3RD AUSTRALIAN DIV.	
No.	DATE JUN 30 1918



— PLAN —

Cover 14'

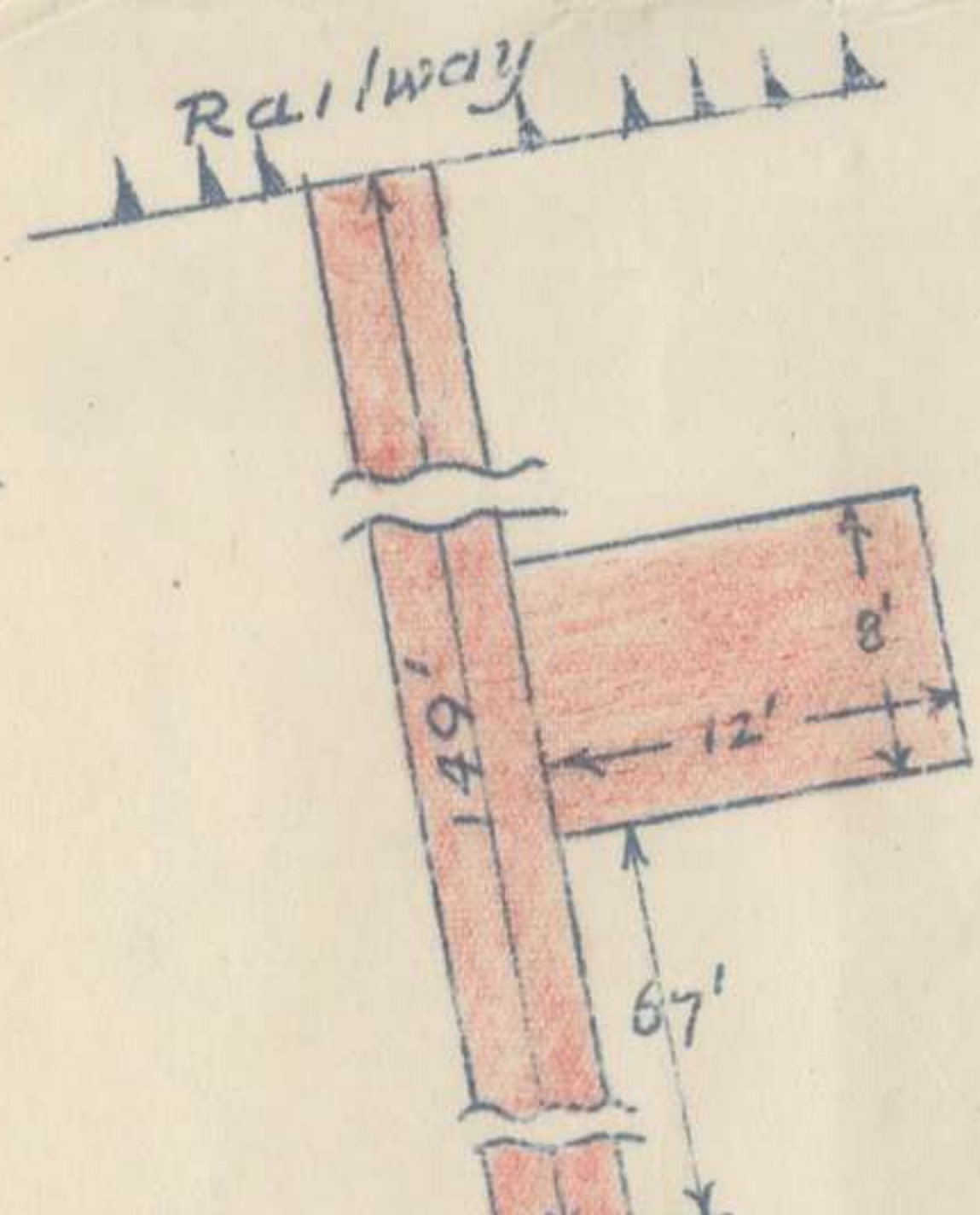
QUARRY

43'6"

— R.A. Post —

— Sheet 62° O.28.C6-5 —

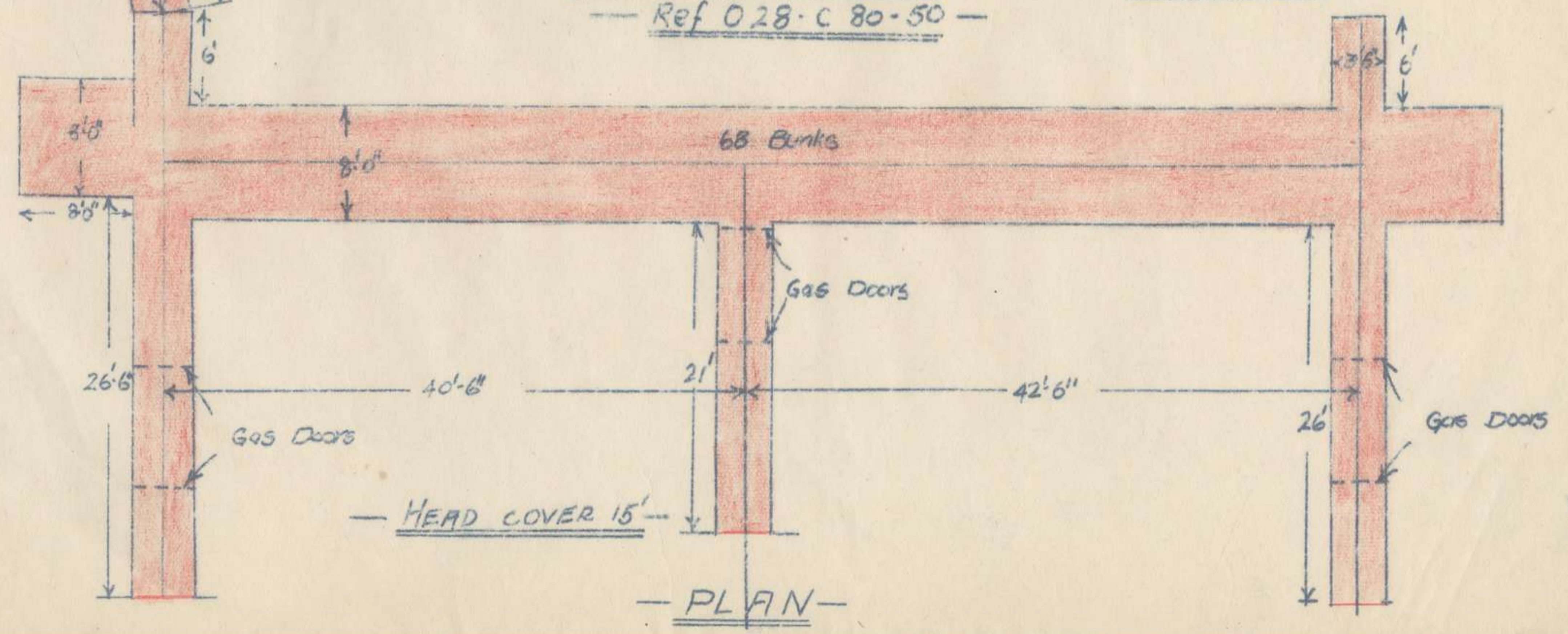
— Scale 1"=10'-0" —



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— DOUBLE BATT^Y HQ — — Scale 1" = 10' —
— Ref O 28-C 80-50 —



APPENDIX

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— PLAN —

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MINED D.O. COY. H.Q.

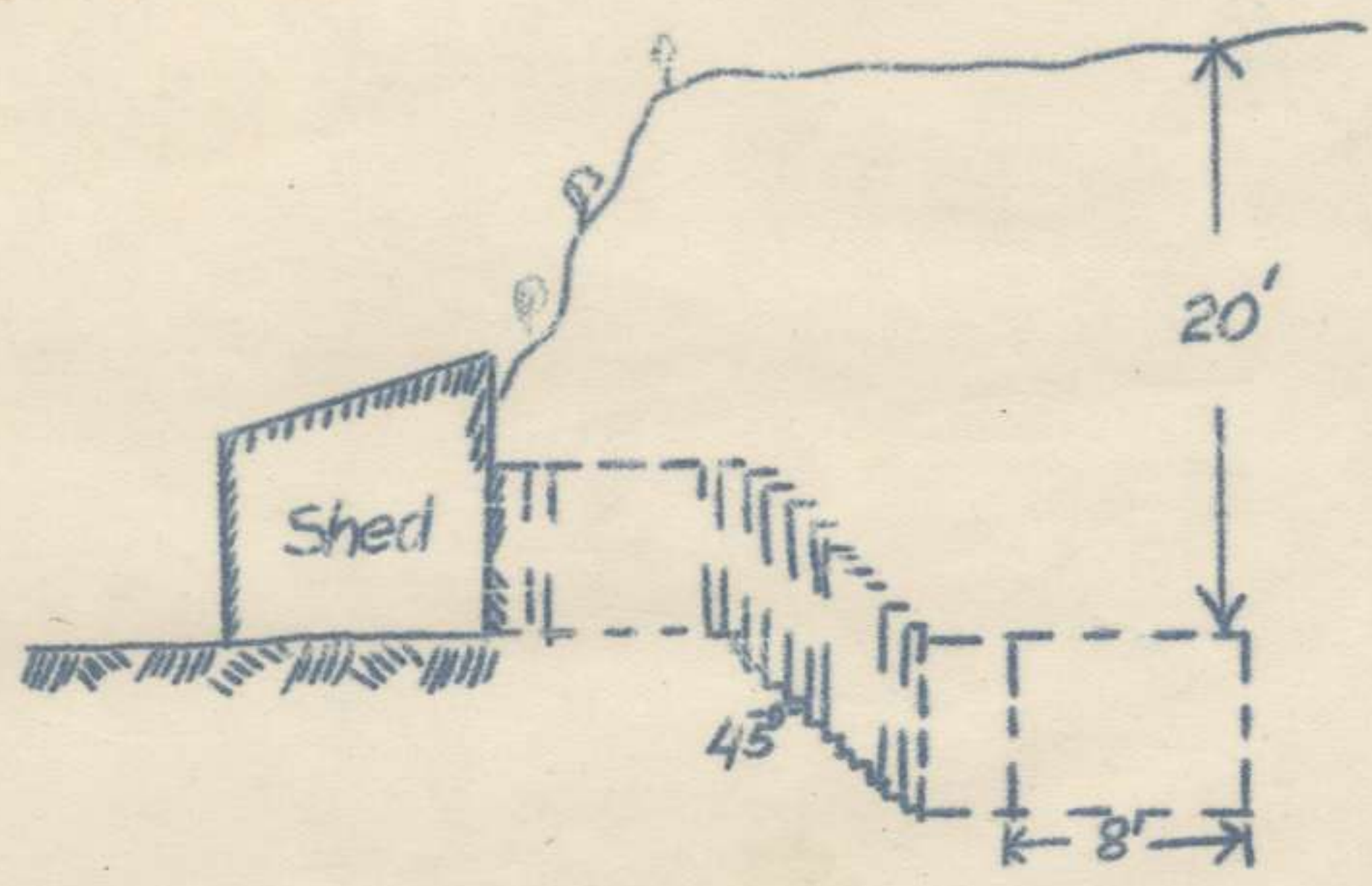
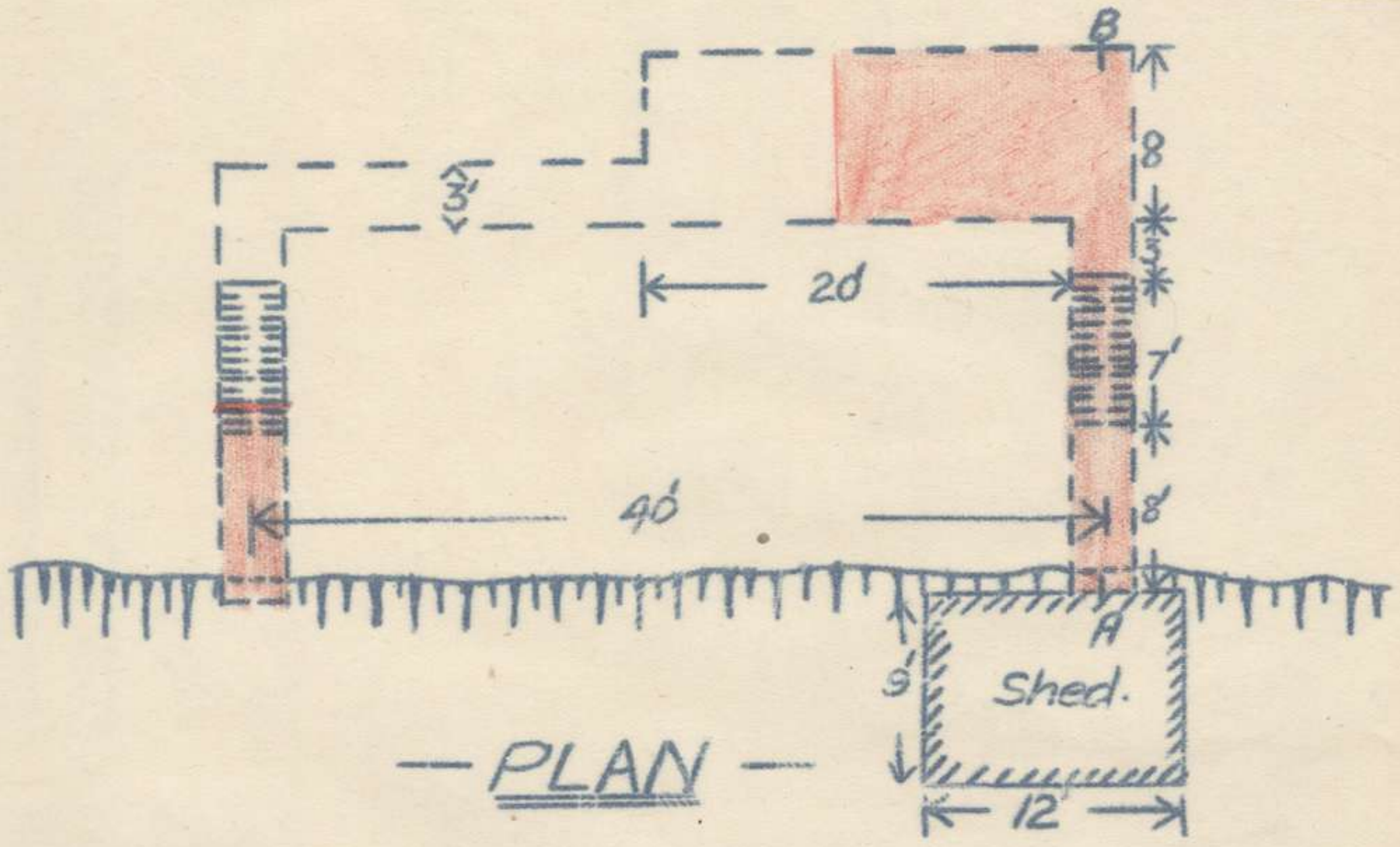
APPENDIX 11

SHEET 62^D 035.d. 2-4.

Scale 1" = 10'.

11TH FIELD COMPANY
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JUN 30 1918



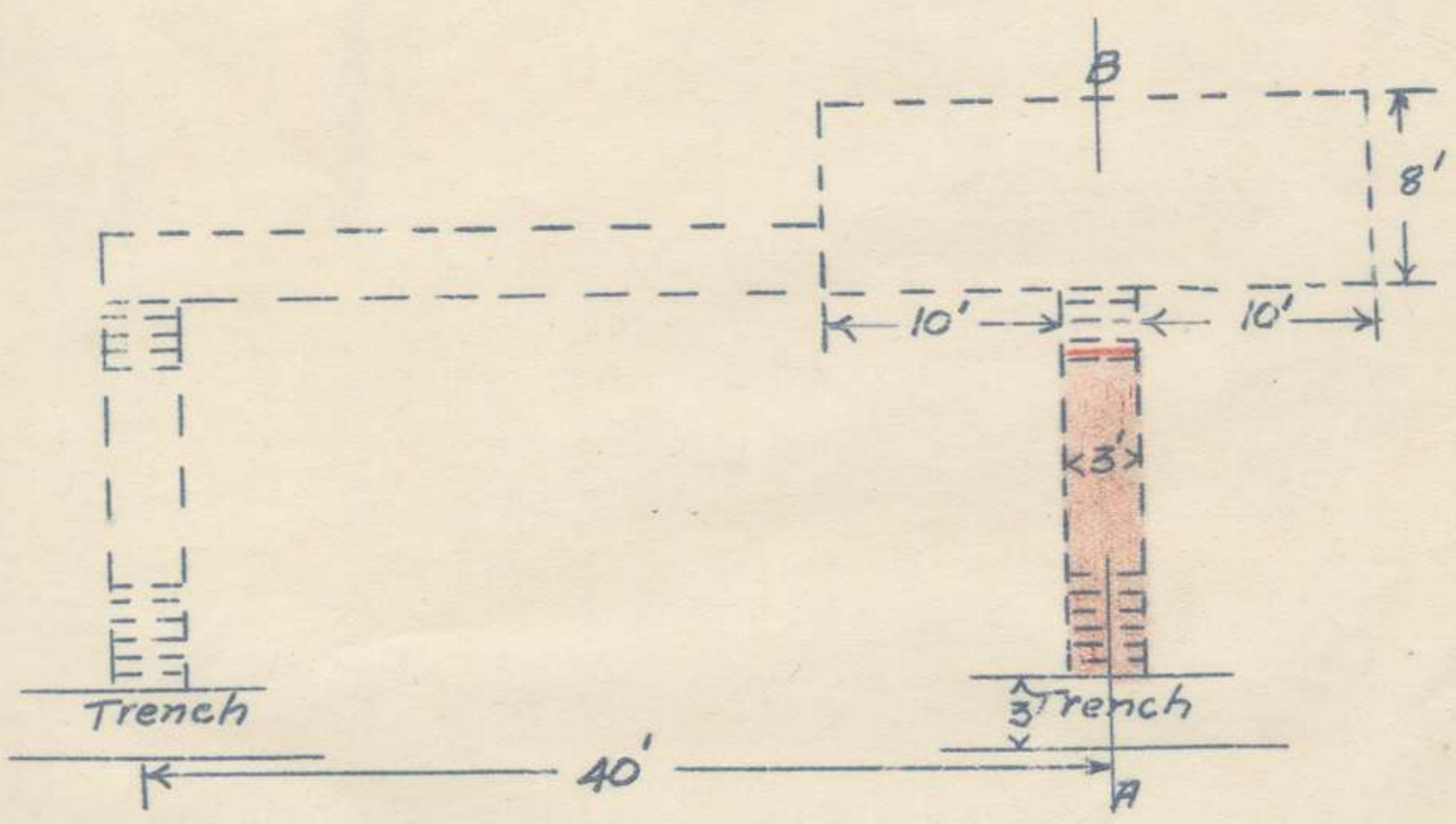
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MINED DUGOUT COY. H.Q.

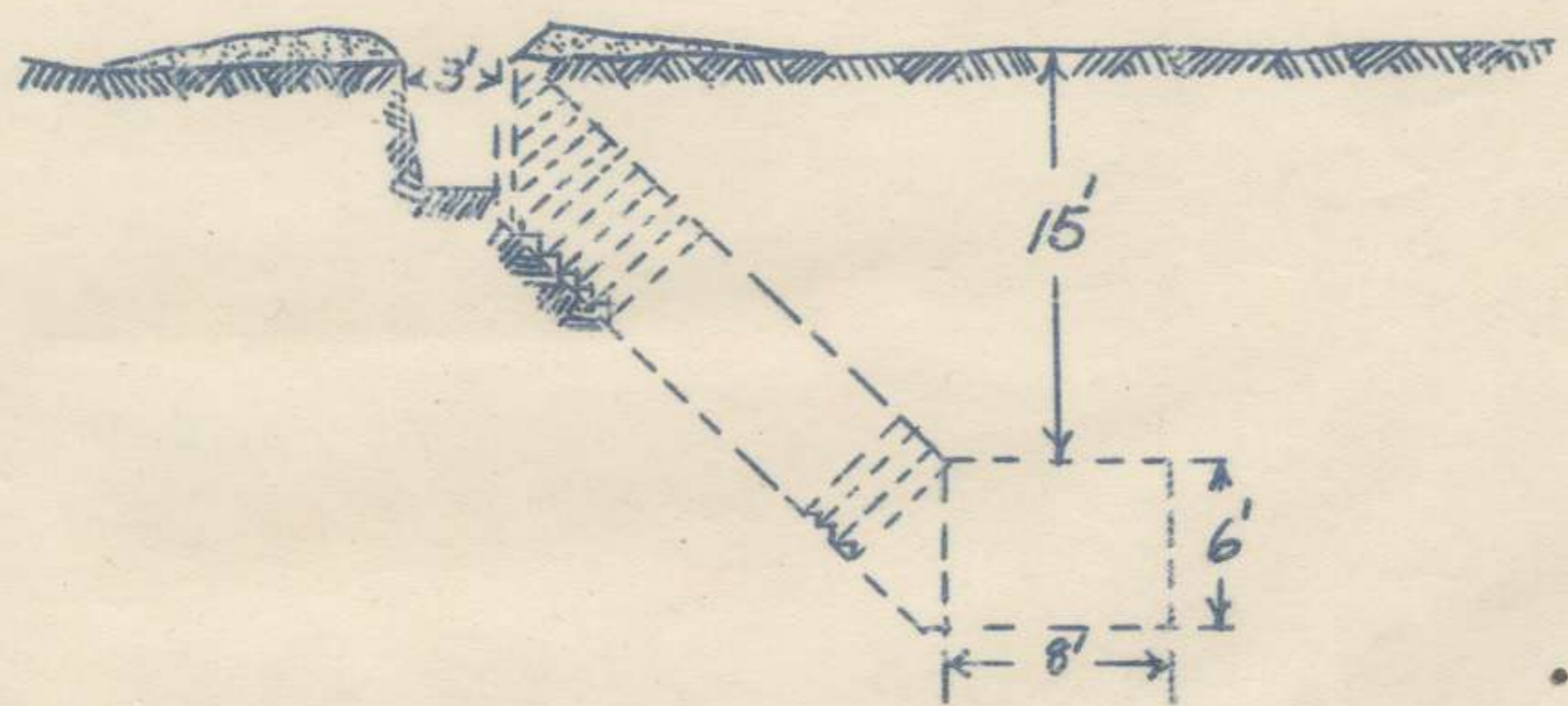
SHEET 62° P 25c 3-7

Scale 1" = 10'

11TH FIELD COMPANY ENGINEERS, 8th AUSTRALIAN DIV.
No.
Date JUN 30 1918



PLAN



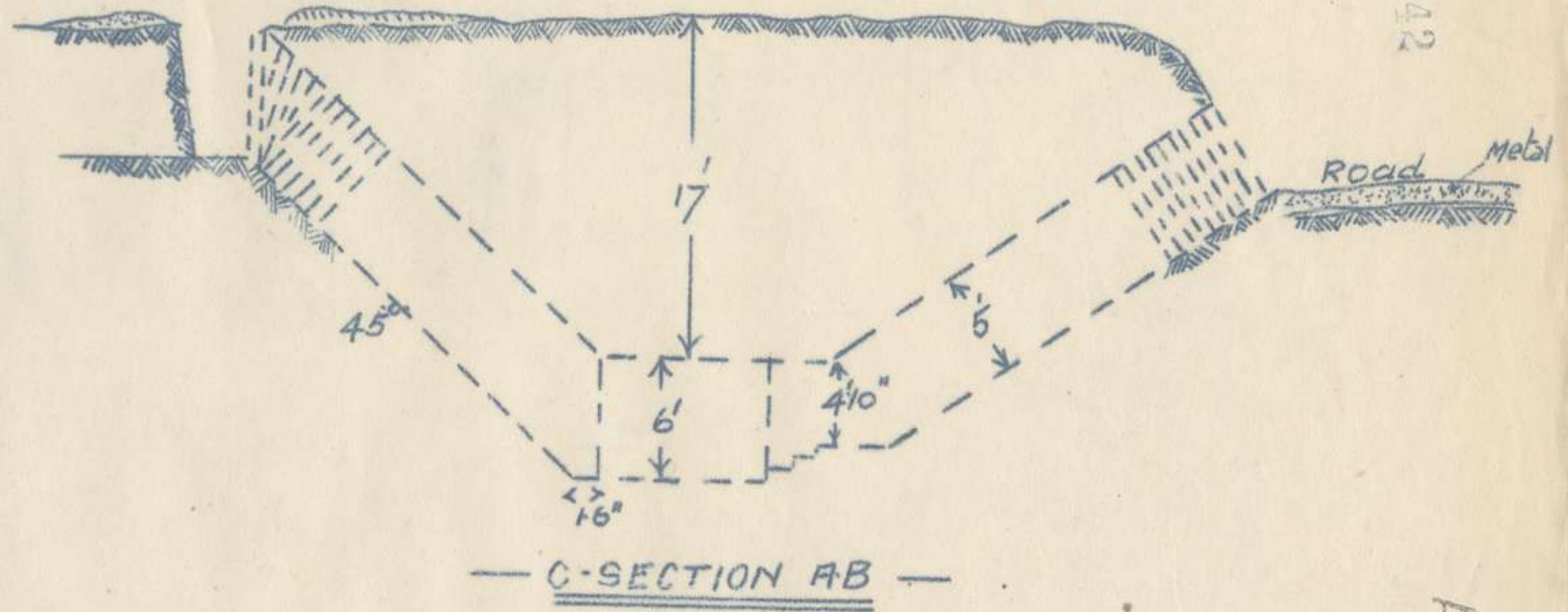
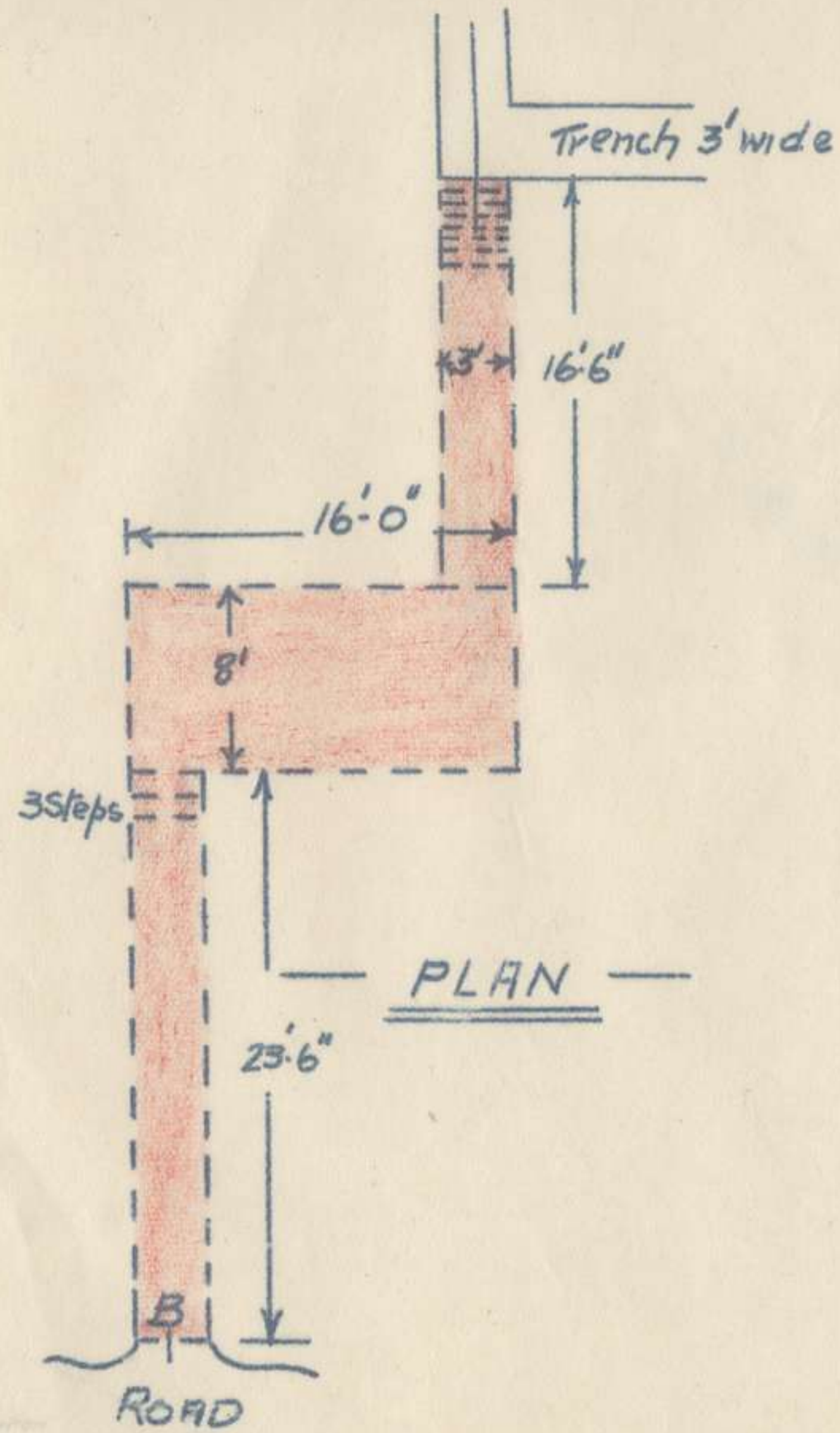
C-SECTION AB

11TH FIELD COMPANY
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— MINED DUGOUT —

— T.M.H.Q. Sheet 62° 027c-1.3 —

— Scale 1" = 10' —



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APPENDIX II

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APPENDIX III

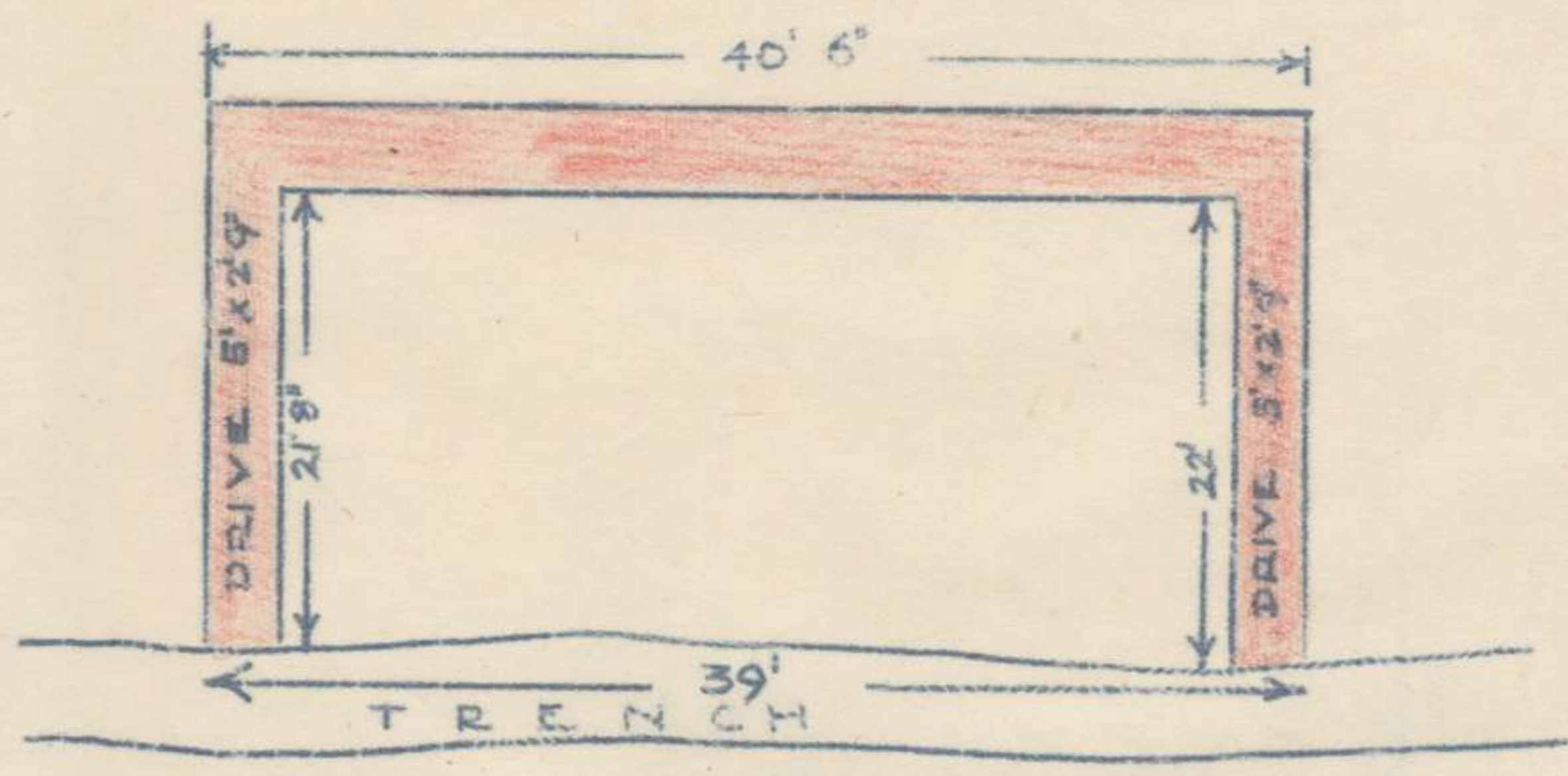
142

11TH FIELD COMPANY ENGINEERS, 8th AUSTRALIAN DIV.
No.
Date JUN 30 1918

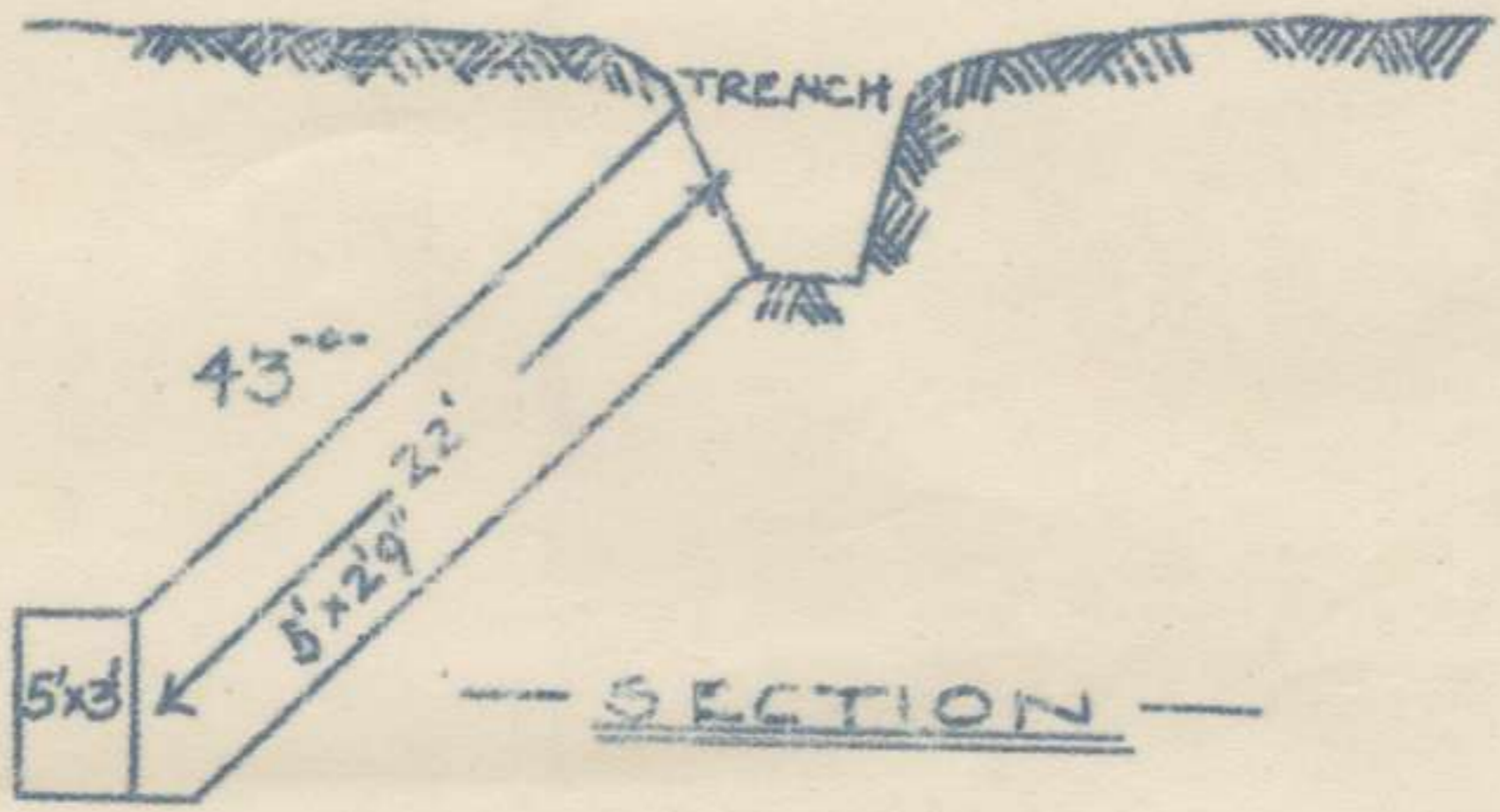
M.G. MINED DUGOUT

MAP REFERENCE O32 8540

SCALE 1" = 10'



PLAN



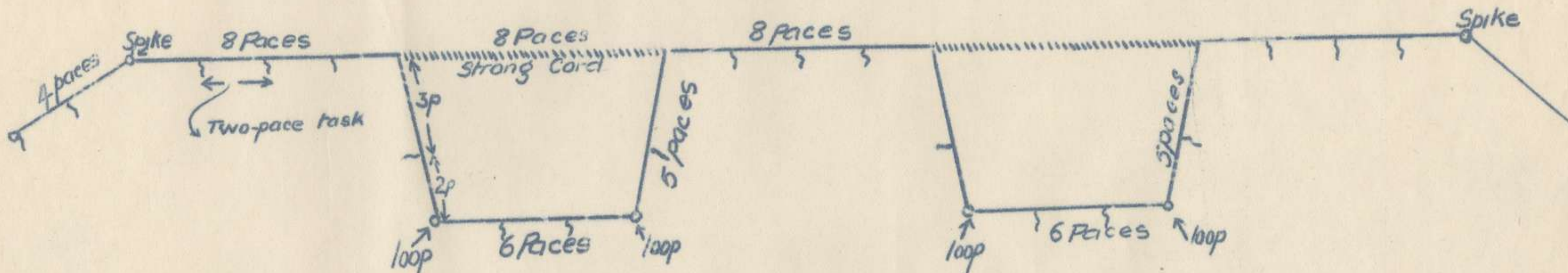
SECTION

SKETCH SHEWING STANDARD MARKING OUT TAPE FOR

3 FIRE BAYED POST

11TH FIELD COMPANY
ENGINEERS,
8RD AUSTRALIAN DIV.
No.
Date JUN 30 1918

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2 PACE TASKS FOR 30 MEN

TAPE USED FOR FIREBAYS & TRAVERSES

STRONG CORD UNITING FIREBAYS ON FRONT

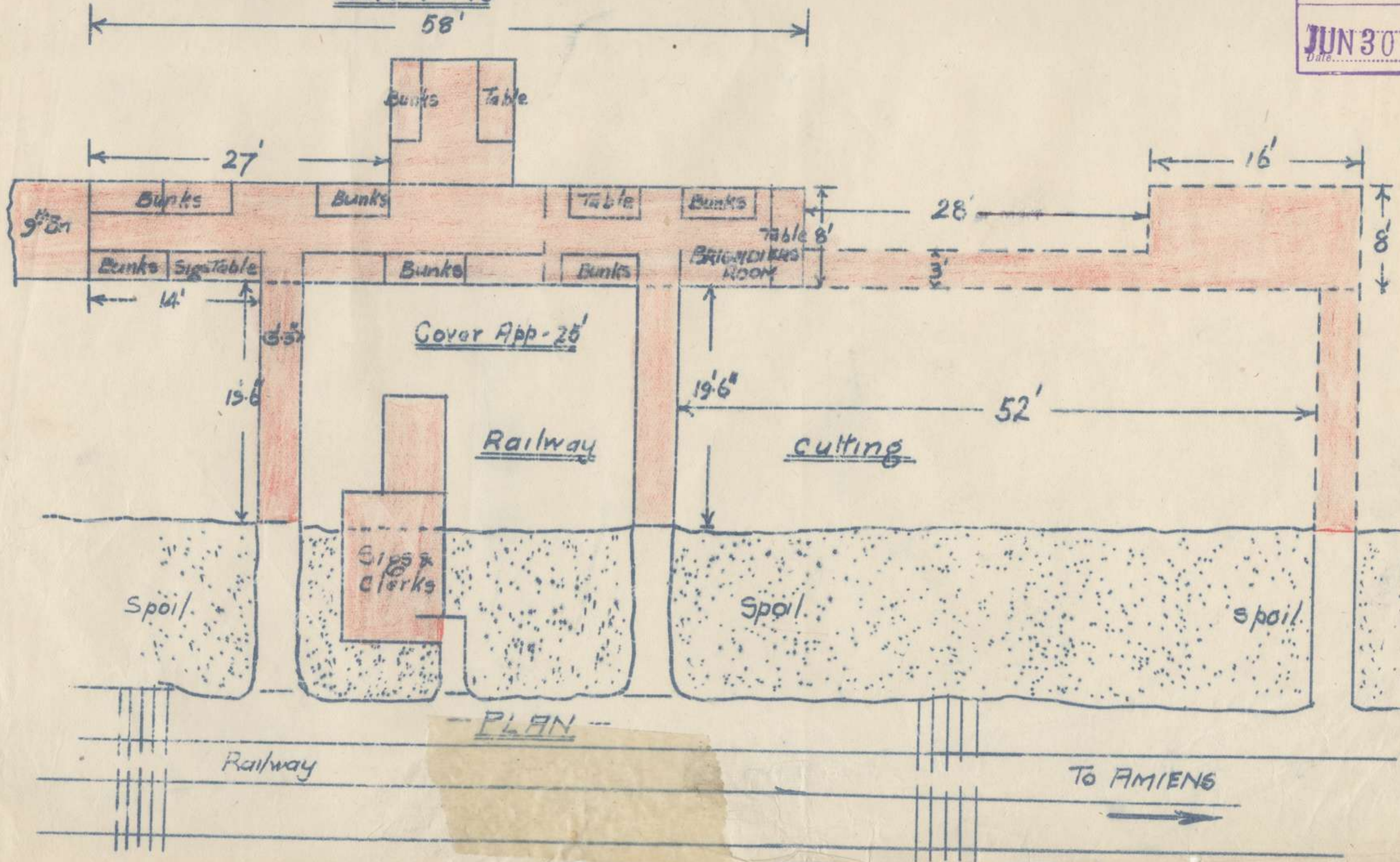
APPENDIX

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BRIGADE H.Q.^{trs}
Sheet 62^o O-25 c. 45-25
Scale 1" = 10'

11TH FIELD COMPANY
ENGINEERS,
3RD AUSTRALIAN DIV.
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APPENDIX



PLAN OF
DEFENCE WORKS
VILLERS-BRETONNEUX

- LEGEND
- Buildings standing — [hatched pattern]
 - ruined — [dotted pattern]
 - Brick walls — [solid line]
 - Hedges — [dashed line]
 - Wire-netting — [dotted line]
 - Mine — [circle]
 - Cellar — [square]



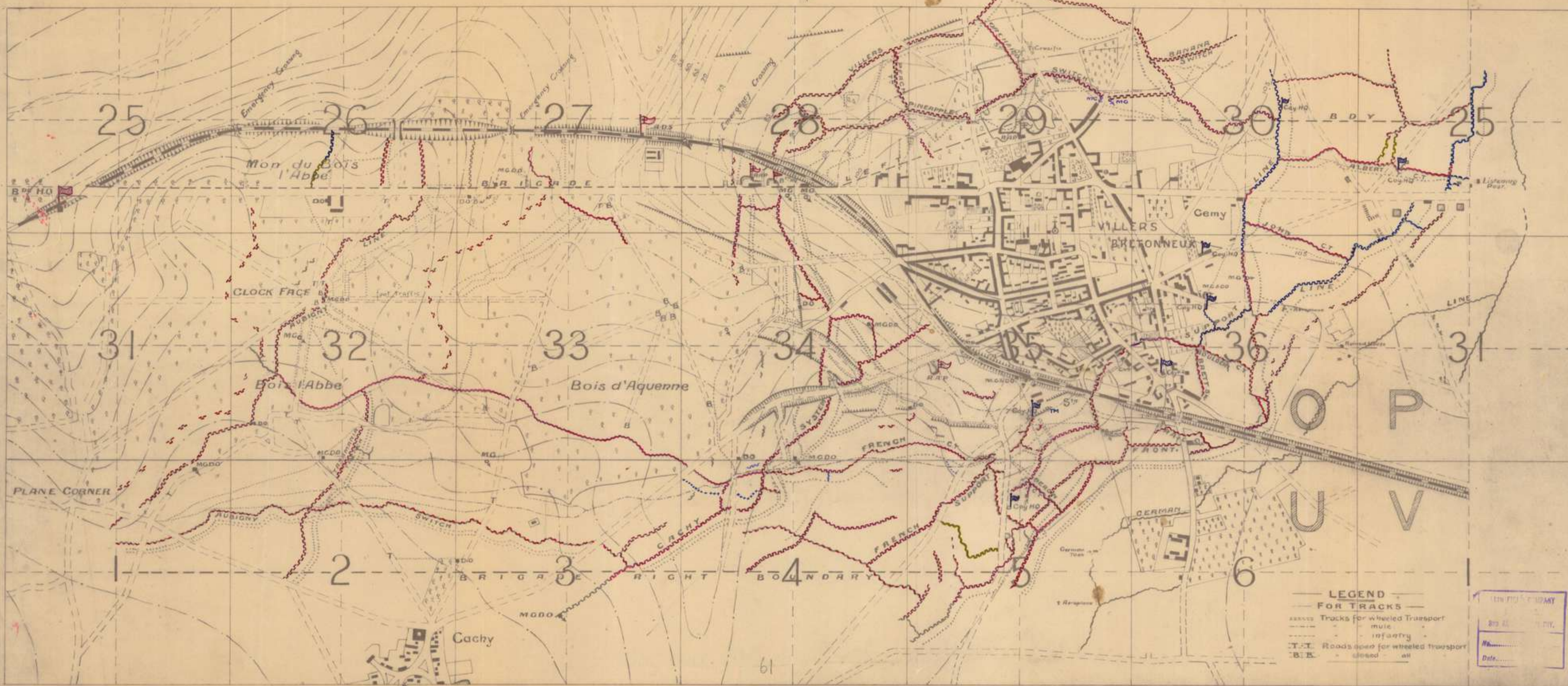
Sheet 62^DS.W. Sq.O

35

60

11th FIELD COMPANY
ENGINEERS,
8th AUSTRALIAN DIV.
No.
Date

APPENDIX 12

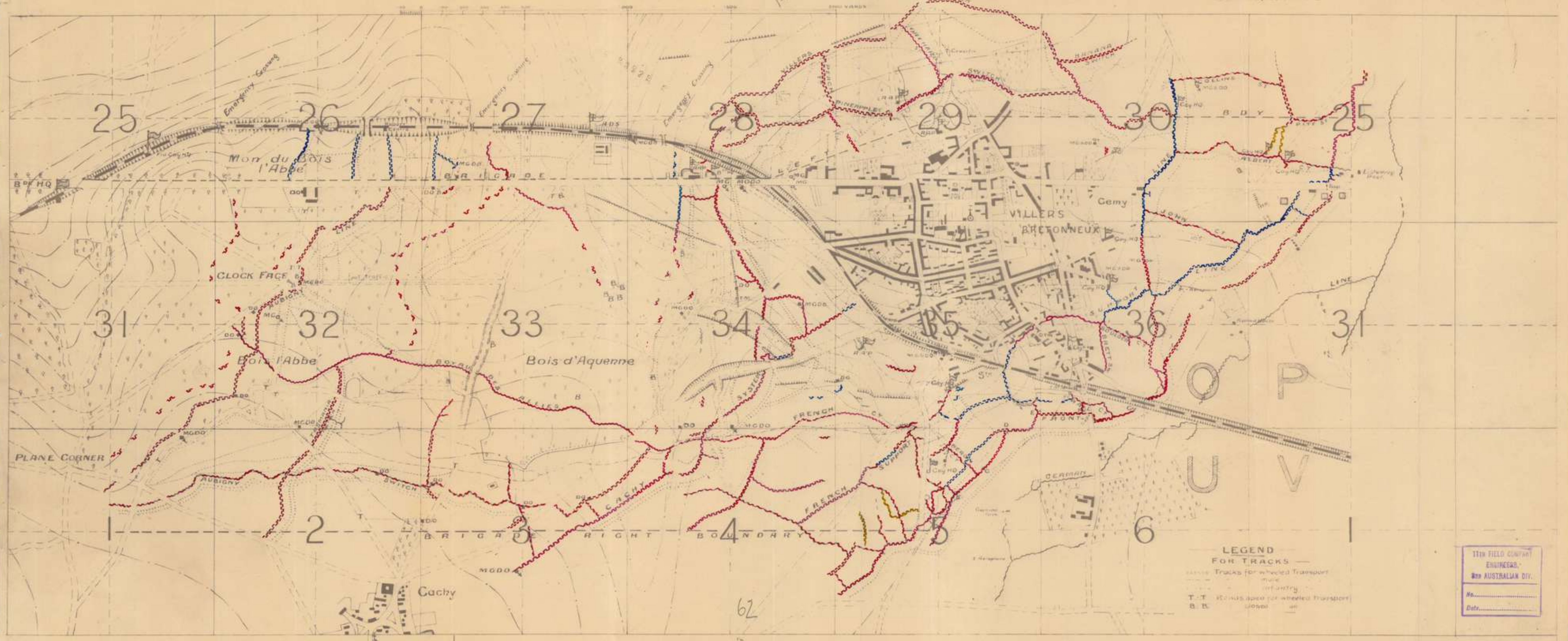


APPENDIX 13



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LEGEND FOR TRACKS
 Trucks for wheeled transport
 Mule
 Infantry
 T.T. Trucks used for wheeled transport
 B.B. Buses

11TH FIELD COMPANY
 ENGINEERS
 11TH AUSTRALIAN DIV.
 No.
 Date

APPENDIX 13

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COPY N° 25

63

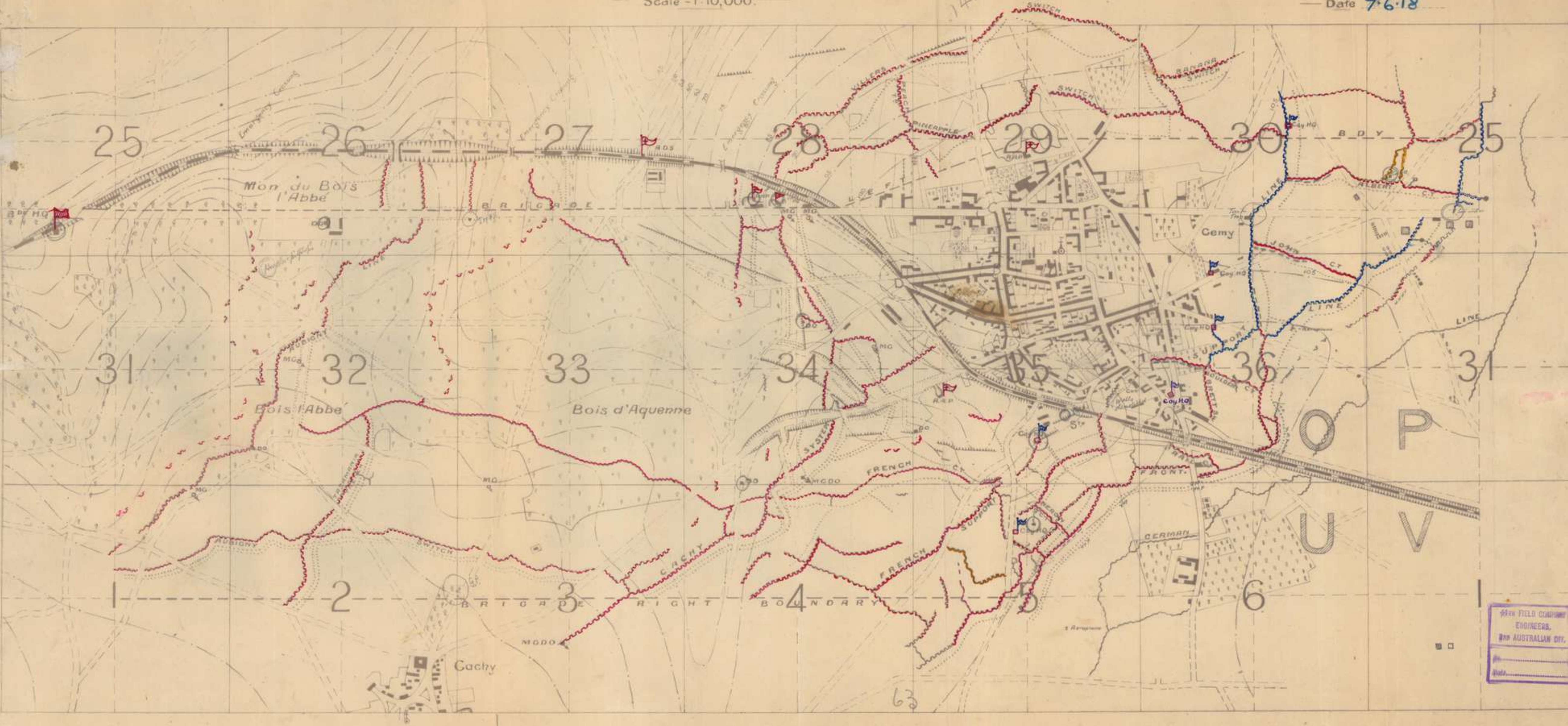
11TH AUS. INF. BDE. SECTOR.

Scale - 1:10,000.

11TH FLD Coy. AE.

63

Date 7.6.18



11TH FIELD COMPANY
ENGINEERS,
11TH AUSTRALIAN DIV.

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APPENDIX

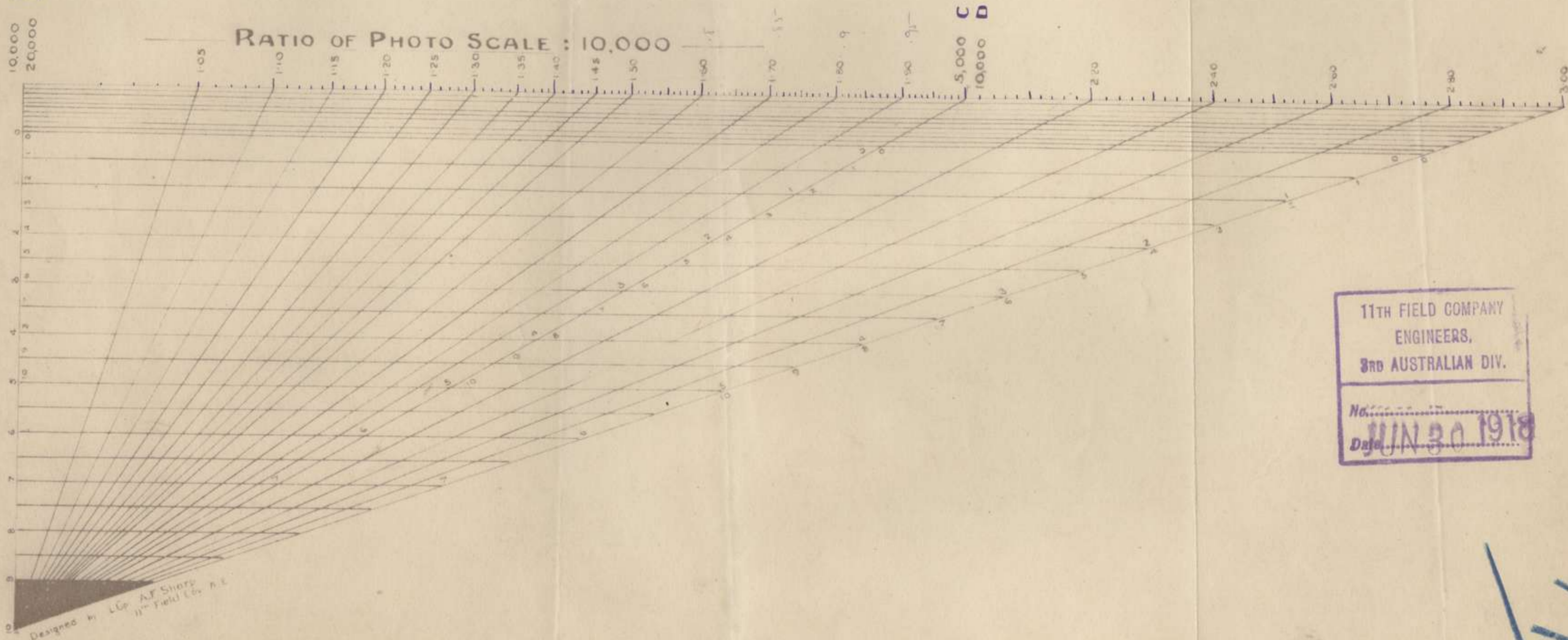
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1X2

A
B



11TH FIELD COMPANY
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3RD AUSTRALIAN DIV.

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APPENDIX

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30th June, 1918

COMPOSITE SCALE

For use with Aero-photos (see prints)

This scale has been designed for the purpose of plotting from Aero-Photos on to Ordnance Maps 1:10,000, 1:20,000 or other scales. It is a simple device whereby the scale of any photo may be readily obtained.

It consists of a right angled triangle divided by a number of lines drawn parallel to one side so that any line drawn through the apex opposite this side and intersecting these lines is divided by them so as to form a scale. The side adjacent to the Apex is divided into 1:10,000, and 1:20,000 scales A and B and on the side opposite is marked a scale of ratios so that any line drawn through the Apex cutting this side at a given point say X forms a scale having the ratio X to the 1:10,000 scale; or in other words its RF is $X/10,000$. At the ratio 2.00 we have of course the scales of 1:5,000, "C", and 1:10,000 "D".

Hence the scale of any photo, if its ratio to the 1:10,000 be known, may be drawn immediately, it only being necessary to draw a line through the Apex and the point on the ratio scale corresponding to the known ratio.

The ratio between the photo scale and the 1:10,000 map scale, may be found, (1) By calculation:-

Take any two well established points found to be on both map and photo, preferably near the centre of the photo, and using any scale find the number of divisions corresponding to the distance between them on the photo and map respectively, and divide the 1st and 2nd.

(2) Directly by the use of the scale itself:

Using the dividers, measure the distance between the two points on the 1:10,000 map by means of scale A; then set the dividers at the corresponding distance on the photo and find by trial the line drawn through the Apex of the triangle, such that, on the scale so formed, the number of yards corresponding to this distance is the same as that measured on A from the 1:10,000 map. This line then gives the scale of the photo. Two or three determinations should be made as a check. The ratios of the scales as read from the scale on the right may then be marked on the photo for future reference.

Distance may be read directly in yards from the photo or may be transferred to the Ordnance Map by using the scales A and B at the top. If plotting on a 1:40,000 map, draw the photo scale with reference to the 1:5,000 scale, and use the 1:20,000 scale in plotting.

It will be found that the majority of Aero-Photos lie between the ratios of 1.00 and 2.00 that is, between the 1:10,000 and 1:5,000 scales, but provision is made for larger scales up to the ratio 3.00.

Photo scales smaller than the 1:10,000 may be dealt with by using the scale D, and halving the figures on the ratio scale.

Art. Sharp
Lt. Col.
11th Field Coy