

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

Engineers

Item number: 14/17/28

Title: 5th Australian Pioneer Battalion

June 1918



AWM4-14/17/28

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CONFIDENTIAL.

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

Australian Imperial Force.

WAR DIARY

OF

5th Aust. Pioneer Bn

FOR

June 1918

Signature of Officer compiling

R. Duke Lewis

Signature of Officer Commanding

H. Carter Lewis

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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
BUSSY-LES-DAOURS	Jue 1*		Relief by 4 th Pioneer Bn. Completed & A Coy established at BONNAY - resting. C & D Coys at work on Rear Zone defences - B Coy resting in afternoon after completing Châtillon. Day's job in morning - unfortunately Sgt. BAILEY (B Coy) badly wounded & died in evening. Two other men also wounded. Two teams played trial match to select the best eleven for the Bn. Leave reopened & one man left for Ev. Card for 14 days.	
	SUN 2		Sunday - Bn. resting. Church Parade held in Chateau grounds at 9.30 am. Three Coys B, C & D present. Day fine & very hot - first appearance of Chaplain the Rev. Harwood as chaplain to the Bn. D.H.Q. shifted from Chateau. Cricket match played again by two best teams & men enjoying swimming in Lagoon & Canal.	
		3	A.C. & D Coys at work - A at Bonnay - C & D on Rear Zone defences - B Coy doing tactical exercises during morning. Bn. team played A.S.C. in afternoon winning easily. Opened well canteen. Half transport & H.Q. inoculated - T.A.B.	
		4	Work as above again - Cricket match bet. C & D Coys in afternoon. - LTS. WILSON & GUEST & 25 reinforcements joined Bn. all old hands. Several men sick from inoculation.	
		5	D. Coy held very successful sports in afternoon. B & C Coys on Rear Zone defences. Held successful concert in evening at which several American Ev. medics assisted especially a Hypnotist. Col. Carter attended Div. Commander Conference of Battalion C.O's. at Croisy.	
		6	B & D Coys on Rear Zone defences - C Coy inoculated with T.A.B. - Half A Coy marched into H.Q. from Bonnay - Open air concert held in evening. Word through from Div. that Major WILKINSON & Capt. SEALY-VIDAL were awarded Military Cross.	
		7	A & C Coys inoculated - Remains of A Coy marched in from Bonnay. B Coy on Rear Zone defences. 1 officer - CAPT WALKER - and seven O.R. marched in from	
		8	Reinforcement B Coy. Transport section inspected in morning by Brig Gen. Foote - got permit. A Coy inoculated. Battalion mostly resting owing to inoculation - Bn 1 st II played & beat 4 th Div. H.Q. in afternoon - Very successful concert run by Padre in evening. Capt. J. KERR & Capt. CHESHAM mentioned in dispatches. King's Birthday Honours list.	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY-LES- DAOURS	JUNE SUN. 9		Church Parade at 9.30 a.m. below bank near B.O.R. - Band in attendance - Transport section held very successful sports in afternoon - keen competition & altogether best sports held for some time. Major McClean visited 2nd Pioneer in afternoon re possible relief & found very little in the way of camps in their area. All Coys resting.	
		10	B+C Coys on Raze zone work - A+D were to do practical work but weather interfered - first rain for nearly a month - much cooler & about 2 hrs rain. Clear in evening. Two lorries were allotted Bn. for Canteen work - one to Port for beer & the other to ABBEVILLE with several officers & men on leave for the day. C.O. met all officers at 2 pm. & discussed several matters mentioned at recent f.o.c. meeting.	
		11	Hot sun down - B+C again on R.Z.D. work. In afternoon Bn 1st XI played & beat 4th Div H.Q. 2nd Div doing stunt near Morlaucourt - fairly heavy barrage about 10.15 pm.	
		12	Coys changed over work A+D going on R.Z.D - other two Coys doing tactical exercises in morning - got warning of intended move 1E. to relieve 2nd Pioneer Bn. Played & beat DAC. at cricket in afternoon & evening held concert at which C.O. gave out prizes won by Transport section at their sports. 11 reinforcements arrived - one new man.	
		13	C.O. visited 2nd Pioneer in morning making arrangements re. taking over. 1 officer from each Coy. of 2nd Pioneer arrived to take over. Officers had cricket match in afternoon. Div concert party came down about 9.15 pm. & gave short programme - good time & everyone very delighted. C. Coy got orders to move to HEILLY tomorrow via Fonilloy.	
		14	Arranging for move - C. Coy moved to HEILLY in morning & one Coy 2nd Pa. Bn. marched into their billets. A. Coy worked on R.Z.D. line during morning. (See move order attached)	B.O. no 45
AND LAHOUSOYE		15	H.Q. & 3 Coys moved to new Camps. H.Q. & D. Coy east of Fort Rogeller 1/2 kilo - A Coy to HEILLY & B. Coy 1 1/2 kilos N.E. of same. B. Coy found very good camp but all the others required much improving - Accommodation at H.Q. & D Coys very poor for both officers & men. Got fairly straight by evening - Horse lines (at H.Q.) fairly good. C. Coy had stable & kitchen timber & one man wounded at Heilly.	

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WAR DIARY

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
LAHOUSOYE	JUNE SUN 16		<p>Coys now settled & working as follows A. Coy. Deep M.G. dugouts - B.H.Q. dugouts at Heilly & running Heilly saw mill. B. Coy. Deep M.G. dugouts - C. Coy. Bridge guards & Road Patrol D. Coy. Maintaining screens - Mine fu and dump guards. Work on the whole lighter than when in sector as hide the pommie. Lts. DAVIDSON & STEVENSON now attached to H.Q. the former as Sig. officer & the latter as Works officer. Both Camp at Heilly & near H.Q. shelled about midday but fortunately no casualties - C. Coy. Commander's horse killed at Heilly where shelling was fairly intense. Mill at Heilly can be much improved & output considerably increased - B. Coy. Camp under direct observation the 1st movement about here the latter. A+C Coys shelled intermittently during day & C. Coy had 4 casualties - 1 serious. B. Coy. Camp exposed to observation but comfortable - no shelling. 30 cases of comforts arrived for Bn & were distributed. Bn. had use of motor lorry from A.H. Bty for cartage purposes.</p> <p>17. C. Coy. shifting camp slightly to avoid shelling - no further casualties but more shelling. Shafting of saw mill altered & improved & saws very poor. In evening about ten 5.9" shells fell near H.Q. no casualties. LT DEAME evacuated to hospital sick.</p> <p>18. Weather wet & stormy - Instructions came through to hand over deep dugouts to Field Coys. D. Coy & H.Q. details bathed at Dis. baths at Lahousoye. A. Coy. had one man killed by shell fire which was fairly frequent during day at Heilly. Very little aircraft activity.</p> <p>19. Weather showery again - A. Coy. had one man killed & one wounded. No change in work.</p> <p>20. Instructions to take over work on C.T.s. - A. Coy. shifting 60 men up to work on Singleton street & B. Coy. took over & overland Infantry tracks also work on Colac Lane C.T. & C.T. composed of Manly, King, & Collins streets. Sgt. A.C. Sheldley A. Coy. proceeded to England to join O.T.C. A. Coy. seem to have slight epidemic of Influenza - several men sent to hospital. Six old hands arrived back to Bn. from Reinforcement Camp.</p> <p>21. Work on H.Q. dugouts at Heilly stopped & D. Coy. supplied party to work on H.Q. accommodation with C. Coy. latter shifted up fully about 1 kilo to avoid shelling - Quite a number of both officers & men affected with influenza - LIEUT. A.W. FRAZER & one O.R. wounded - former remained at duty.</p>	
		17.		
		18.		
		19.		
		20.		
		21.		
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WAR DIARY

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
LAHOUSOYE	JUNE	23	(C.O.) Weather wet & cold - C.O. visited Heilly & forward benches - decided to complete deep dugouts at Heilly for H.Q. D. Coy sent 1 platoon up to do this work. It was found necessary to evacuate Pte. Frayer to hosp. owing to a piece of metal being still in wound. Word through of two raids to be carried out about 11 p.m. by 8 th & 15 th Bdes. Corp. C. B. Gray - S/Cpl Dillon - Pte T. Wilson awarded M.S.M.s. - the first such to be awarded in Bn.	
		24	(C.O.) Slight influenza very prevalent - 5 H.Q. officers laid up inc. Col. & 2 nd in Com. Work in sector proceeding as usual - enemy attitude very quiet generally - No night bombing for some time & very little day work. A. Coy. had 1 man wounded & two injured. Capt. KERRY & R.S.M. Barry at Corps for school - C.S.M. Jaid acting R.S.M.	
		25	(C.O.) Quite a number of both officers & men still suffering from influenza - mostly slight cases. Weather warmer & more settled. Work unchanged. 1 Sgt. marched in from Nuclear Camp.	
		26	(C.O.) B. Coy. having fairly rough time in Colac Lane C.P. - were caught by in edge of enemy barrage & were lucky to escape with one slight casualty - LT PROBERT injured in face by gravel thrown up by shell burst - remaining at duty. 19 reinforcements marched in from Wing - all old hands. Adj. now laid up with influenza. Evening very clear & enemy planes busy.	
		27	(C.O.) Work unchanged - B. Coy two men slightly wounded - at duty & expect to finish Colac Lane C.P. tonight when they will spell for 24 hrs. Weather dry & warm & much aerial activity.	
		28	(C.O.) Influenza seems to be better at H.Q. but still bad with forward Coys. 2/Lt M.F. HARE marched into Remf. Wing. Ex Cadet Training Bn. Eng. Sgt. Chinnock. C. Coy left for Pioneer Training Bn. Eng.	
		29	(C.O.) Enemy bombing planes over a lot these nights which have been few & clear for some time - nothing dropped very near camp. LT Hare & six reinforcements turned up - rested at H.Q. for the night. Lt. Brown left to go on U.K. leave - two riding horses turned up for Bn.	
E HEILLY SUR-ANCRE		30	(C.O.) H.Q. consisting of Col. Adj. - M.O. Lts. Davidson & Stevenson moved out to Deep Dugouts at Heilly. Major Mc Clellan with Capt. Adj. T.O. 2/Lt. Chaplain & LT Dutt remained as near H.Q. - shift completed by 3 p.m. Day hot & fine. Casualties for June: 1 killed (OR) 1 off 9 OR. wounded - passed all. Sick to Hosp. 1-33. Reinforcements received 2 off 54 O.R. Off duty daily minor complaints max 37 - min 9 - Oct. 18. Beta. M. H. Hare 1105 - min 1045 - storage. 1077.	

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WAR DIARY

OF

5th. Aust. Pioneer Battalion.

FOR

J U N E 1918

LIST OF APPENDICES.

No.	Subject.
1.	5th. Aust. Pioneer Battalion. Order No. 45.
2.	Reports by :- <ul style="list-style-type: none"> • Commanding Officer. • Movements of Officers. • Quartermaster. • Salvage Returned. • Tailors Report. • Bootmakers Report. • Rations Report. • Transport Officer. • Lewis Gun Officer. • Work Report. • Report on improvised Fan for Dugouts. • Medical Officers Report.
3.	Notes on Influenza Epidemic by R.M.O.
4.	Typical Temperature Chart.
5.	Map shewing Rear Zone Defence Line (N).
6.	Sketch of Bri. H. Q. Dugout at Heilly.
7.	Sketch of improvised Fan for deep dugouts.
8.	Plan of Deep Dugout.
9.	Delouser Erected at Bussy Camp. (Sketch).
10.	Works Map for month of June.

5th. AUST. PIONEER BATTALION. ORDER No. 45.

APPENDIX. *16*

Reference Map. France. 62D.

1. INTENTION. The 5th. Aust. Pioneer Battalion will relieve the 2nd. Aust. Pioneer Battalion - relief to be completed by 10. am. on 15th. inst.
2. ORDER OF MARCH. "C" Company will move as per separate instructions at 9. am. on 14th. inst.
 "B" Company will move at 6.30. am. on 15th. inst.
 "A" Company will move at 7. am. on 15th. inst.
 "D" Company will move at 7.30. am. on 15th. inst.
 H.Q. Details at 8. am. on 15th. inst.
 Transport will assemble as directed by the Transport Officer, and be ready to move at 8. am. on 15th. inst.
3. DESTINATION. "B" Company will move to "D". 26. a. and take over from "C" Company 2nd. Aust. Pioneer Battalion.
 "A" Company will move to Heilly, and will take over from "A" Company 2nd. Aust. Pioneer Battalion.
 "D" Company and H.Q. Details will move to Pont Noyelles
 "D" Company will take over from "B" Company 2nd. Aust. Pioneer Battalion.
4. MARCH INSTRUCTIONS. Companies will move by platoons, $\frac{1}{2}$ mile between each platoon. Companies moving to Heilly and beyond, will pass through cross road at I. 33. b. and not use high road.
5. WATER CARTS. 1 water cart will move to Heilly, for use of "A", "B", and "C" Companies, . 1 will move to Pont Noyelles for "D" Company and H.Q. Details.
6. TRANSPORT PARK. Transport will be parked as arranged by transport officer.
7. ADVANCE PARTIES. An advance party will report to B.O.R. at 9. am. on 14th. inst. and will proceed to new camp sites to take over. Party to consist of 1 officer and 1 representative per platoon, with 1 officer and 2 representatives from Headquarters.
8. BLANKETS Blankets will be carried by transport. They are to be tolled in bundles of ten short way. Companies will provide own loading parties, and will have wagons and limbers ready to move half an hour before marching out.
9. CAMPS TO BE LEFT CLEAN. Company Commanders will be responsible that their Company lines are left scrupulously clean before marching out. R.S.M. will be responsible for Headquarters Details.
10. DRESS. Dress in all cases - full marching order less blankets. Steel helmets are to be worn.
11. LEWIS GUNNERS. Lewis Gun sections will move with their respective companies.
12. REPORTING. Company Commanders will report to Battalion Headquarters when their moves are complete.

And H. M. S. W. A. D. Capt. R. D. J.
 Lieut. Colonel.
 Commanding 5th. Aust. Pioneer Battalion. A. I. F.

Copies issued as under :-

C.O.	No. 1.	C.R.E. 5th. Aust. Div.	No. 8.
2nd. in Comd.	" 2.	C.O. 2nd. Pioneer Battn.	" 9.
Adjt.	" 3.	T.O., Q.M., R.M.O.	" 10.
O.C. "A" Coy.	" 4.	War Diary.	11 - 14.
O.C. "B" Coy.	" 5.	File.	15.
O.C. "C" Coy.	" 6.		
O.C. "D" Coy.	" 7.		

C.O.'s. REPORT FOR JUNE 1918.

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During the past month the Battalion has not been at all extended to keep pace with the various tasks allotted. From 1st to 14th Division was in Corps Reserve and work was confined to rear defences and the dismantling of a wire rope Conveyor. This occupied 3 Companies - the fourth rested. Advantage was taken of the opportunity to get some small amount of tactical training, and also to have all ranks inoculated against typhoid. On the 15th the Battalion took over the work of the 2nd Pioneer Battalion on the left Divisional Sector. Work was found to be in a very advanced state, leaving, mainly, improvements to be carried out. Headquarters were located too far back (I.7.a.) to be really properly in touch with the various works, so steps were immediately taken to provide accommodation further forward. These were occupied on the 30th. The main tasks set the Battalion were the widening and deepening of existing C.Ts. to the front system. Work of this nature is very unsatisfactory on account of the very little there is to show for your work when it has been completed. The rate of progress was slow on account of the short hours of darkness available, and the constant interruptions in the shape of raids, which necessitate the withdrawal of men from areas likely to be affected. Again, the working strength of the Battalion has been affected in no small degree by influenza - apart from this, there has been very little trouble.

The Chief Engineer inspected the Transport on the 7th and he commented very favourably on the turn out.

MOVEMENT OF OFFICERS DURING MONTH OF JUNE 1918.

Lieut. J.A.WILSON.	Returned from Training Battn.	4.6.18
Lieut. C.B.GUEST.	Returned from Tng. Bn. & Hospital.	4.6.18
Lieut. W.F.SCRIVEN	To Camouflage School.	3.6.18 Retd. 8.6.18
Capt. J.T.PATTINSON.	To U.K. Leave.	7.6.18 Retd. 24.6.18
2/Lieut. C.H.DEANE.	To Hospital.	18.6.18
Capt. J.R.KERR.	To Gas School.	22.6.18 Retd. 30.6.18
Lieut. A.W.FRAZER.	To Hosp.	23.6.18
Lieut. G.W.BROWN.	To U.K. Leave.	26.6.18 - Still on leave.

QUARTERMASTER'S REPORTACCOUNT WITH D.A.D.O.S.

	Debit	Credit
<u>CLOTHING etc.</u>		
Breeches, M.S. prs.	6.	29
" D.S. "	65	40
Tunics. S.D.	50	32
Puttees, prs.	29	46
Coats, Great, M.S. Issued in lieu		
Winter Coats returned.	12.	-
Coats, Great, D.S.	-	25
Hats, C.P.	106	56
Jackets, Sheepskin.	-	37
" Cardigan	-	33.
Tins, Mess.	-	8
Braces, Trouser, prs.	53	-
Respirators S.B.	68	68
Containers, S.B.R.	32	8
Boots, Ankle, Tan, prs.	66	56
Laces, leather, Boot, prs.	100.	-
<u>BOOTMAKERS' MATERIAL</u>		
Soles, $\frac{1}{2}$ Billed, prs.	300	
Lifts, heel, prs.	200	
Plates, toe, prs.	100.	
SUNDRY TRANSPORT EQUIPMENT & HARNESS returned & drawn.		
SUNDRY TOOLS	"	"
LEWIS GUN PARTS	"	"

ACCOUNT WITH D.A.D.O.S. (Contd.)UTENSILS & COOKER PARTS

1 Body, Travelling Kitchen, complete drawn from D.A.D.O.S.
Sundry parts & utensils returned.

MISCELLANEOUS.

Tools for detaching S.B.R. Containers; Soap, Soda;
Brassards (Red Cross); Covers, breech, rifles; Drawn
Rifles: bayonets: scabbards: Web equipment parts
and Bicycle parts Returned.

SALVAGE RETURNED.FAT.

During the month 3,000 lbs fat was returned to 5th Div. A.S.C

JAM CARTONS.

1880 cartons were returned to A.S.C.

SOLDER.

236 lbs solder was extracted from Jam and other Tins by
the unit: 110 lbs was returned to D.A.D.O.S. leaving
126 lbs still on hand.

TAILOR'S REPORT.

During the month 29 prs Breeches were altered to fit men:
72 prs were repaired.

17 tunics were altered to fit and 326 prs Colour Patches,
distinguishing, were sewn on tunics and greatcoats: other minor
repairs were also carried out.

BOOTMAKERS' REPORT.

During the month 66 pbs Boots, Ankle, Tan were received from
D.A.D.O.S., of which number the Battalion Bootmakers clumped &
raised heels of 28 prs prior to issue for wear.
298 prs. Boots were half soled and heeled, besides other minor
repairs which were also carried out.

RATION REPORT.

Rations issued from Army Service Corps were of very good
quality and quantity, with the exception of vegetables, which
were a very short issue at times.

TRANSPORT OFFICER'S REPORT.

G.S. Limbers turned out during month - 98
Average working hours per limber - 4 hrs.

G.S. Wagons turned out during month - 81
Average working hours per wagon. - 5 hrs 12 mins

A number of G.S. Wagons and Limbers were repaired and
painted.

Various repairs to Saddlery and Harness were executed by
the Saddlers.

Farriers re-shod, complete, 84 animals.

LEWIS GUN OFFICER'S REPORT.

While at BUSSY four guns were kept mounted for anti-aircraft purposes. Very few opportunities presented themselves, especially during the day time, the enemy aircraft that flew over were few and out of range. At night there were generally several over, but, owing to new orders about night firing and the difficulty of picking up the planes, only 200 rounds were fired.

On the 11th "C" Company started a Lewis Gun Class, six men in all, with the idea of bringing their strength up to 40. On the ~~12~~ following day Classes were commenced to train men for instructors but both these Classes ceased on moving to new camps.

On the 17th 24 men reported from "D" Company for instruction. Owing to sickness these numbers were considerably reduced as the Class progressed: those that finished the course - 8 days in all - showed great promise.

"D" Company Officers were given instruction on the gun by the L.G.O.

Only two guns have been mounted for A.A. work since leaving BUSSY. "D" Company supplied the teams, which were posted at night only.

WORK REPORT FOR MONTH OF JUNE 1918.REAR ZONE DEFENCE LINE (N)

When the Battalion was placed in reserve, two Companies per day worked on this Defence Line. About 2,000 yds of fire trench and 500 yds of Communication Trench was excavated. Also 1,000 yds single apron barbed wire fence was erected.

Fire trenches were 5 ft deep by 7 ft wide and provided with fire step. Communication trenches were 5 ft deep by 5 ft wide.

Location map of trenches attached.

SALVAGE WORK.

A large stone conveyor near VAUX-sur-SOMME was dismantled and loaded.

DEEP DUGOUTS.

Four deep dugouts for M.G. crews were taken over from 2nd Pioneer Battn. The Battalion completed one, the remainder had to be handed over owing to more pressing work having to be put in hand. In the completed dugout accommodation is provided by a 6' X 4' chamber 42' long, having two entrances from the Support Trench. The dugout has 17' overhead cover of hard chalk. Plan attached.

A deep dugout for Battalion Headquarters at HEILLY was completed. A chamber 8' X 6' X 31' long was provided for Orderly Room and Signals, part of the chamber being fitted with 27 bunks, the living quarters for the staff. About 21 ft of overhead cover is provided. Several other small dugouts were also completed. All driving in these dugouts was in solid chalk rock.

TRENCHES.

Côac Lane Communication Trench from the front line to support, a distance of about 1300 yds was widened and deepened by "B" Company.

Cootamundra Communication Trench was widened and deepened by "A" Company for a distance of about 1400 yds.

BRIDGE GUARDS.

Bridge Demolition Guards were supplied for 24 Bridges over the RIVER ANCRE. Types of Bridge ranged from permanent masonry and steel structures, capable of carrying tanks, to small timber foot bridges.

ROAD PATROLS.

All forward roads in Divisional Area were patrolled and maintained in good order and kept open for traffic. Four emergency overland tracks were also patrolled and maintained.

RIVER ANCRE PATROL.

The River ANCRE in Divisional Area was patrolled daily and kept free from obstructions. All shell holes in the bank were filled and revetted.

WORK REPORT (Contd).ROAD SCREENS.

About 5,000 yds screen along the main AMIENS-ALBERT ROAD were maintained and improved. New screens to the extent of 400 yds were erected.

MINE GUARDS.

Demolition Guards were supplied for five road mines on important cross roads and in villages.

SAW MILL, HETILLY.

The Mill is situated on the banks of the ANCRE RIVER. Power sufficient to drive one Saw bench is supplied by a water wheel. Timber for the Mill is felled in the ANCRE Valley, and the logs floated down stream to the Mill.

During the month the Mill cut 8,358 ft of 1½" lagging, 3169 ft of 1" lagging, 844 ft of scantlings. A number of Machine Gun rests for deep dugouts were also cut and prepared.

During the early part of the month about 2 working hours daily was lost through enemy shelling.

Practically all the timber cut was used for deep dugouts. 130 trees were felled and cut up in the Mill during the month.

FAN FOR VENTILATING DEEP DUGOUTS.

While working on one of the forward deep dugouts, great difficulty was experienced, before the gallery was connected, in maintaining a supply of fresh air to the men working at the face. At times the air became so bad that candles would not remain alight. The fan shown on attached sketch was improvised by Lieut. McGowan and proved very successful in supplying fresh air to the men working at the face. The fan is constructed out of an empty cable reel with signal discs attached.

MEDICAL OFFICER'S REPORT.

1. General Health has been excellent, for, with the exception of influenza, there has been practically no sickness.
2. Prevailing Disease is influenza, which has attained the dimensions of an epidemic (see appended notes). With the good weather and opportunities of washing and bathing, furunculosis, and other skin diseases, have been very infrequent.
3. Water Supply - from tested water points, except in case of detached Companies, when tested well-water was used.
4. Food - Good in quantity and quality: issue of vegetables not as liberal as last month. Cooking and Cookhouses good.
5. Latrines. - flyproof box: urinals deep soakage pits.
6. Manure. - was stacked and covered.
7. Refuse. - was incinerated, except in forward areas, where it was buried.
8. Baths. - During first two weeks bathing and washing was available to whole Battalion, but no change of clothing. During the last two weeks 30% have been bathed and issued with change of clothing, which was clean and in good condition.
9. Reinforcements: 54 O.R., mostly from Hospital, France: majority had been inoculated.
10. General Remarks. - (1) Influenza Epidemic (See appended Sheet)
(2) Russian Pit Delauser installed according to 4th Army specifications, with modifications of feeding stove from outside, instead of down the flue, was found to work satisfactorily, and half the Battalion blankets were put through it before we moved from the Camp.

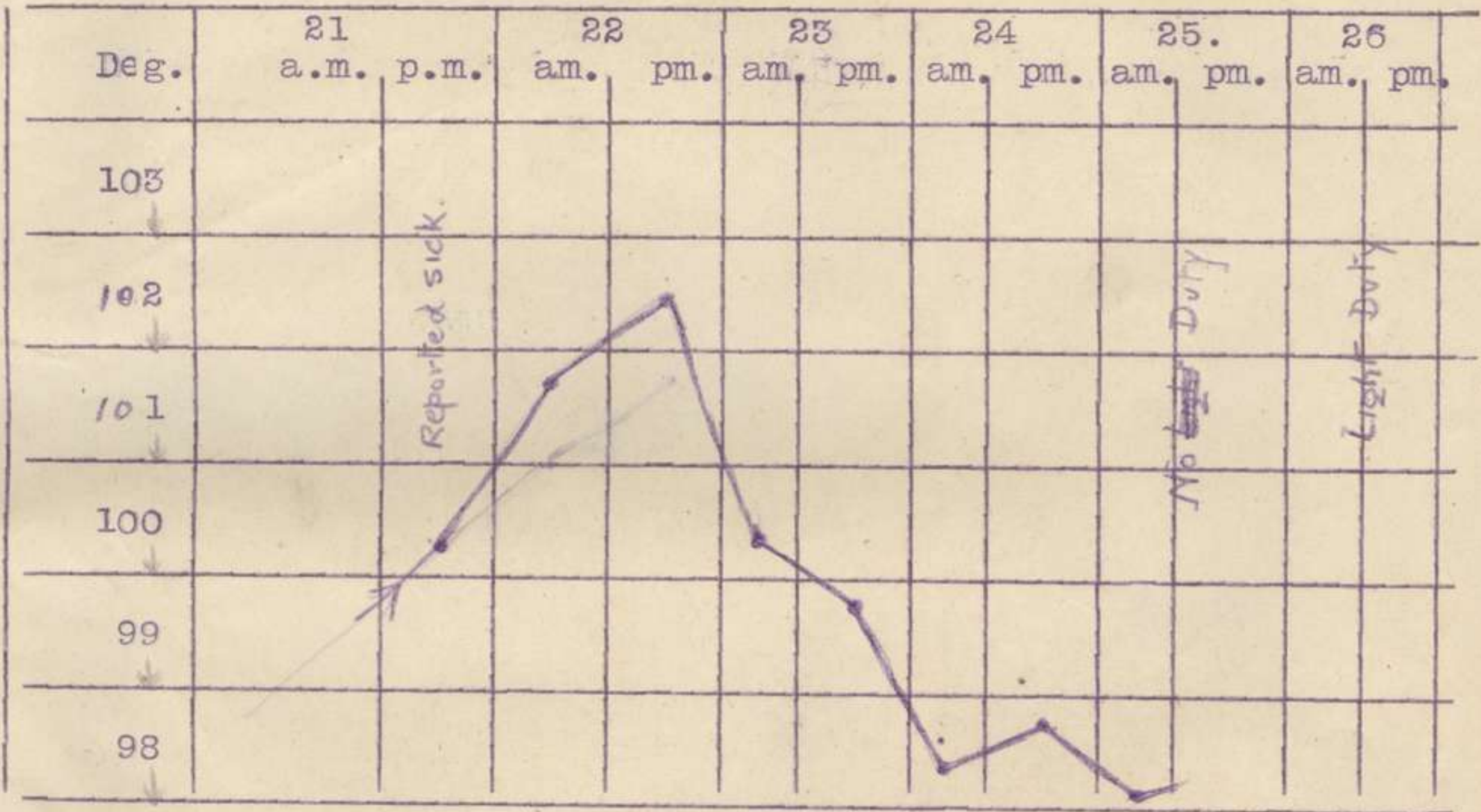
NOTES ON INFLUENZA EPIDEMIC.

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1. History of Epidemic. - During May isolated cases occurred, but during the first week in June there was a series of cases all confined to "C" Company. There were 2 to 3 new cases a day for two weeks, when the number diminished, and, after changing camp to one previously occupied by a unit which had suffered from the epidemic, no more cases occurred. All the cases in this Company were isolated as soon as found. 2 to 3 days previous to Battalion changing Camp, "A" Company produced 5 or 6 cases, and, after changing, on 15.6.18, to same new camp as "C" Coy., produced 4 or 5 new cases per day until present date, when the numbers are diminishing. "D" Company, which had isolated cases in old camp, on taking over camp occupied by infected unit, developed 3 to 4 cases per diem to present time, when there are only occasional cases in the Company. "B" Company, which took over on 15.6.18 camp occupied by infected unit, had no cases till about 24.6.18 and now has 2 to 3 fresh cases per diem. In both camps men occupied small dugouts in hillside, usually 2 to 3 men in each.
 2. Precautions against spread. - Isolation of cases as far as circumstances permitted. This was easy in the case of "C" Company, but more difficult, and sometimes impossible, in the case of the other Companies. Dugouts were sprayed with solution of ~~2x~~ Cresol and fresh straw provided when possible. Blankets were put through Delousing pit (Russian), but change of area occurred before those of all Companies had been put through.
 3. Symptoms of the Disease. - Sudden onset, with pyrexia headache, complete anorexia and very marked general malaise, with myalgic pains chiefly in back and thighs. In few cases was there vomiting and diarrhoea was practically never present. Many complained of photophobia and some showed slight conjunctivitis. Pyrexia and other symptoms usually most marked on second day of disease. Patient in most cases developed slight tracheitis and bronchitis with cough and consequent 'tight feeling' across front of chest. Cough often persisted for some days. After disappearance of temperature, appetite began to come back, patient felt very weak and there was a tendency to constipation. 5 or 6 days after commencement of illness patient was, in most cases, able to return to work.
 4. Signs. - Temperature usually rose to 102 - 103 deg. on second day, and average duration was three days after reporting sick (see chart). Pulse showed increase proportionate to rise in temperature, but increase in rate usually persisted 2 - 3 days after disappearance of pyrexia. Chest. in some of the worst cases bronchitic signs appeared after three days and remained only a few days. Pharynx inflamed in a small proportion of cases.
 5. Treatment. - Various drugs and combinations of drugs were tried, but medication seemed to have no effect on the ultimate course of the disease. As a routine, patients reporting with the symptoms of the disease were given quinine gr. 1V Dover powder gr. X, and, in most cases, a purgative, but the disease was usually too far advanced to hope to abort the attack. Symptoms were treated: headache, with aceto-Sal., myalgia, with Sod. Salic., cough, with Mist. Tussi, pyrexia, in worst cases, with hydrotherapy: etc. etc. Aperients were given freely. Light diet, i.e., custard, jelly, rabbit, etc., was provided from Aust. Red Cross Society.
 6. Relapses. - To date, 5 cases have relapsed, all with symptoms exactly as in the first attack: one, in addition developed acute sciatica in left leg: all were evacuated to Field Ambulance at once.
 7. General. - A very small number were evacuated, only such cases as those in which pyrexia was maintained more than 4 days, and in which some symptoms, usually bronchitis, were more marked than usual.

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TYPICAL TEMPERATURE CHART .



MR. [Signature]
Capt R.M.O.
5 Pion. Bn.

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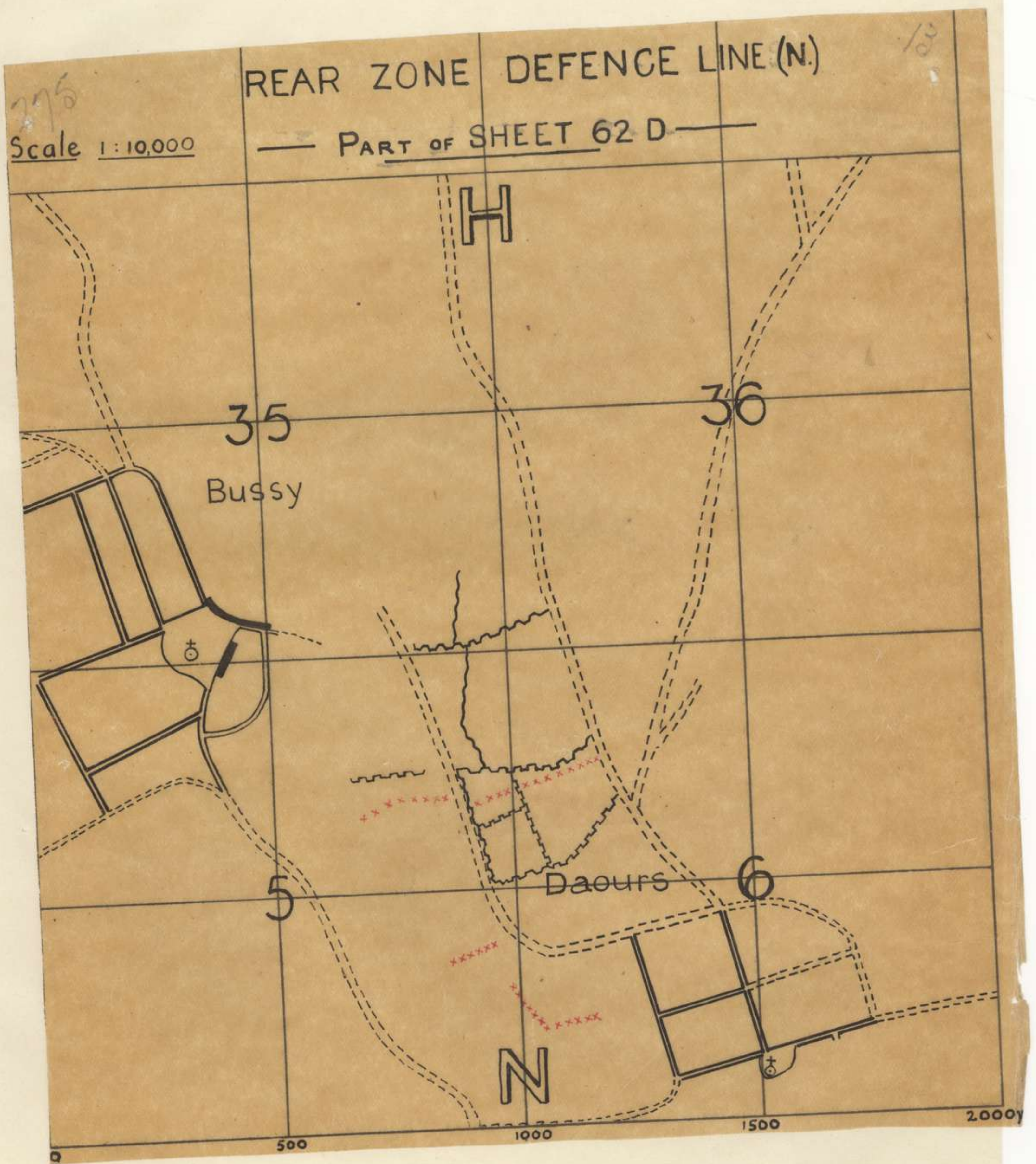
276

13

REAR ZONE DEFENCE LINE (N.)

Scale 1:10,000

PART OF SHEET 62 D

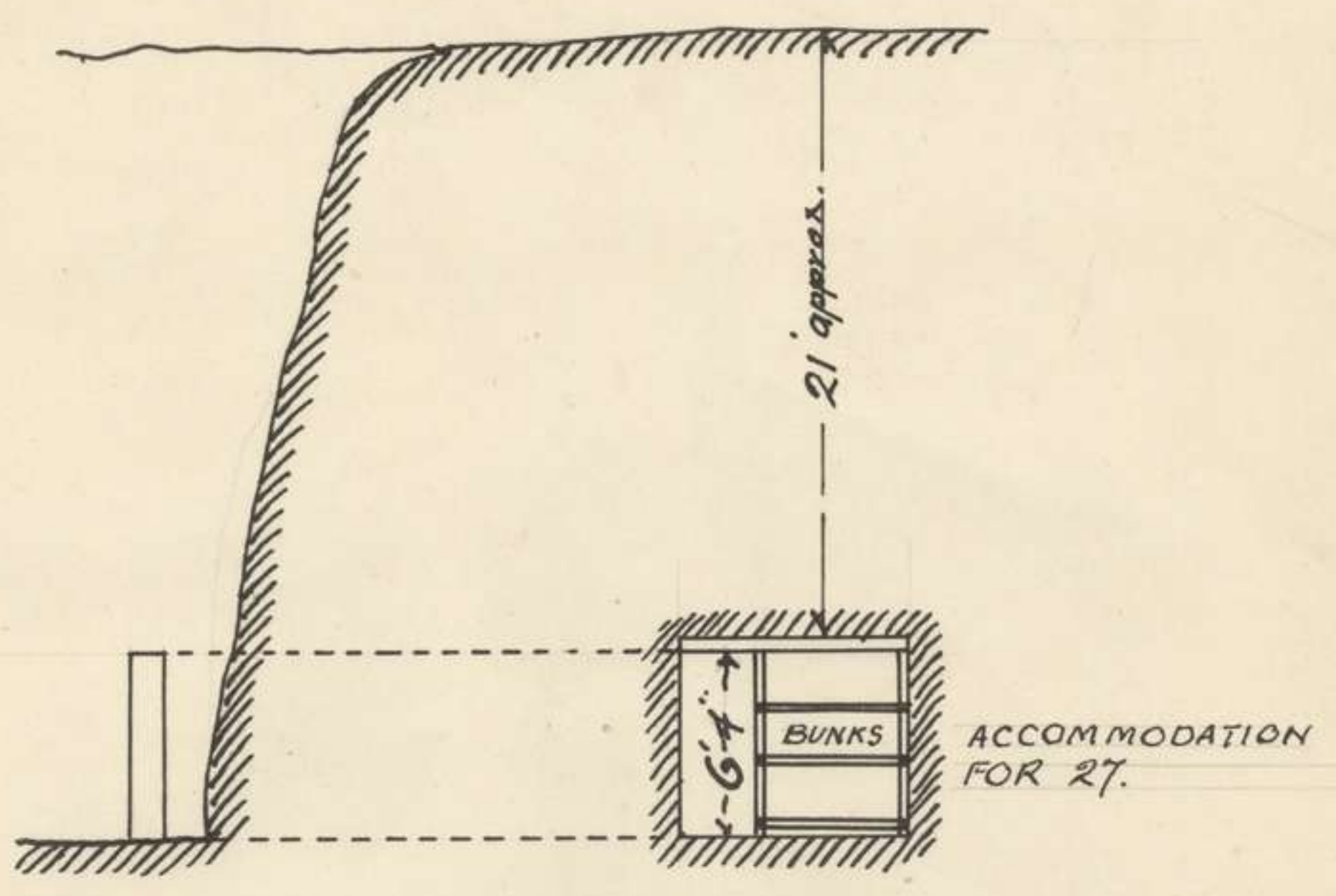


275

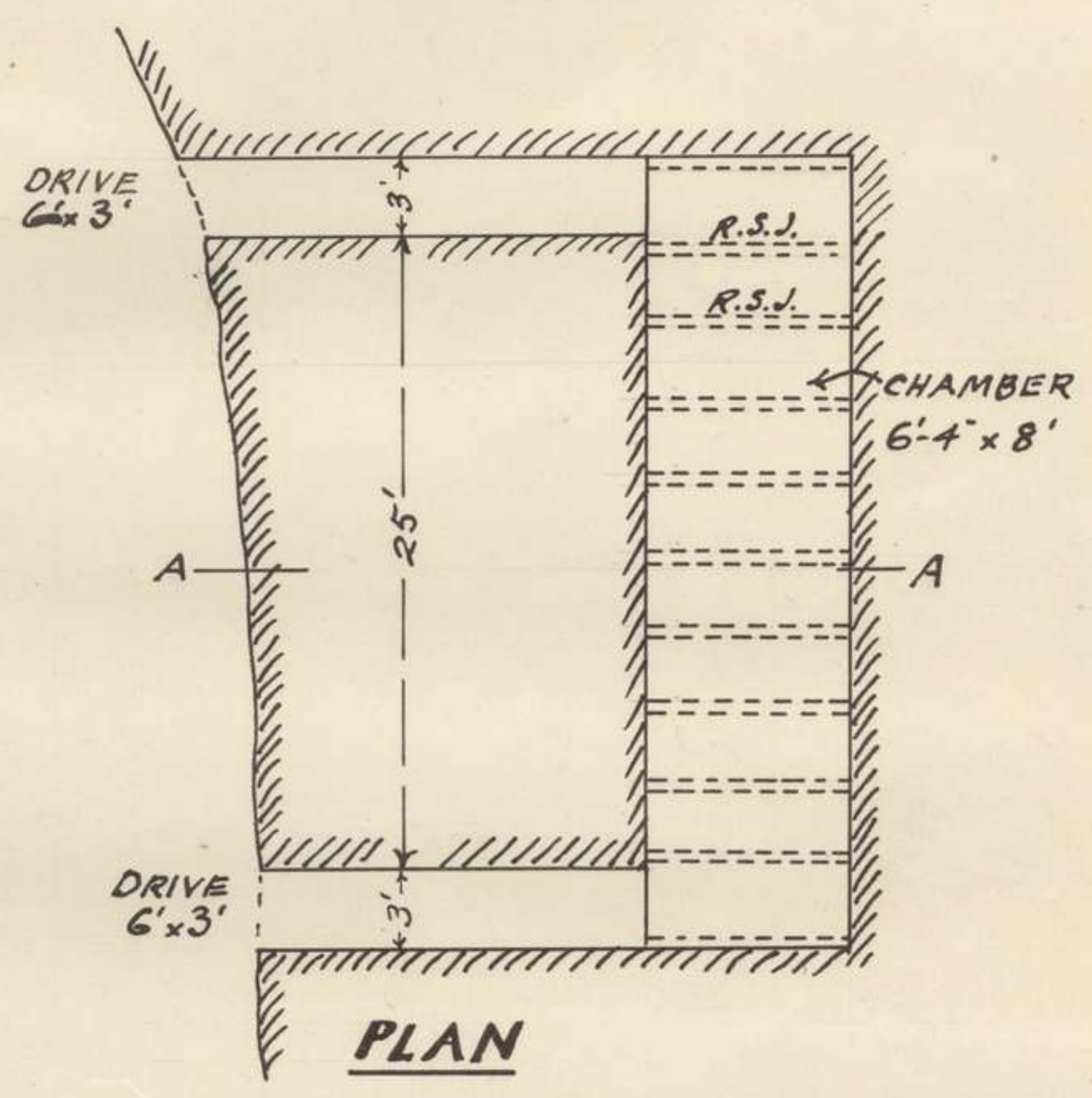
BATT^N H. Q. DUG OUT, HEILLY.

AT J.I. c. 8.9.

SCALE 10' = 1"



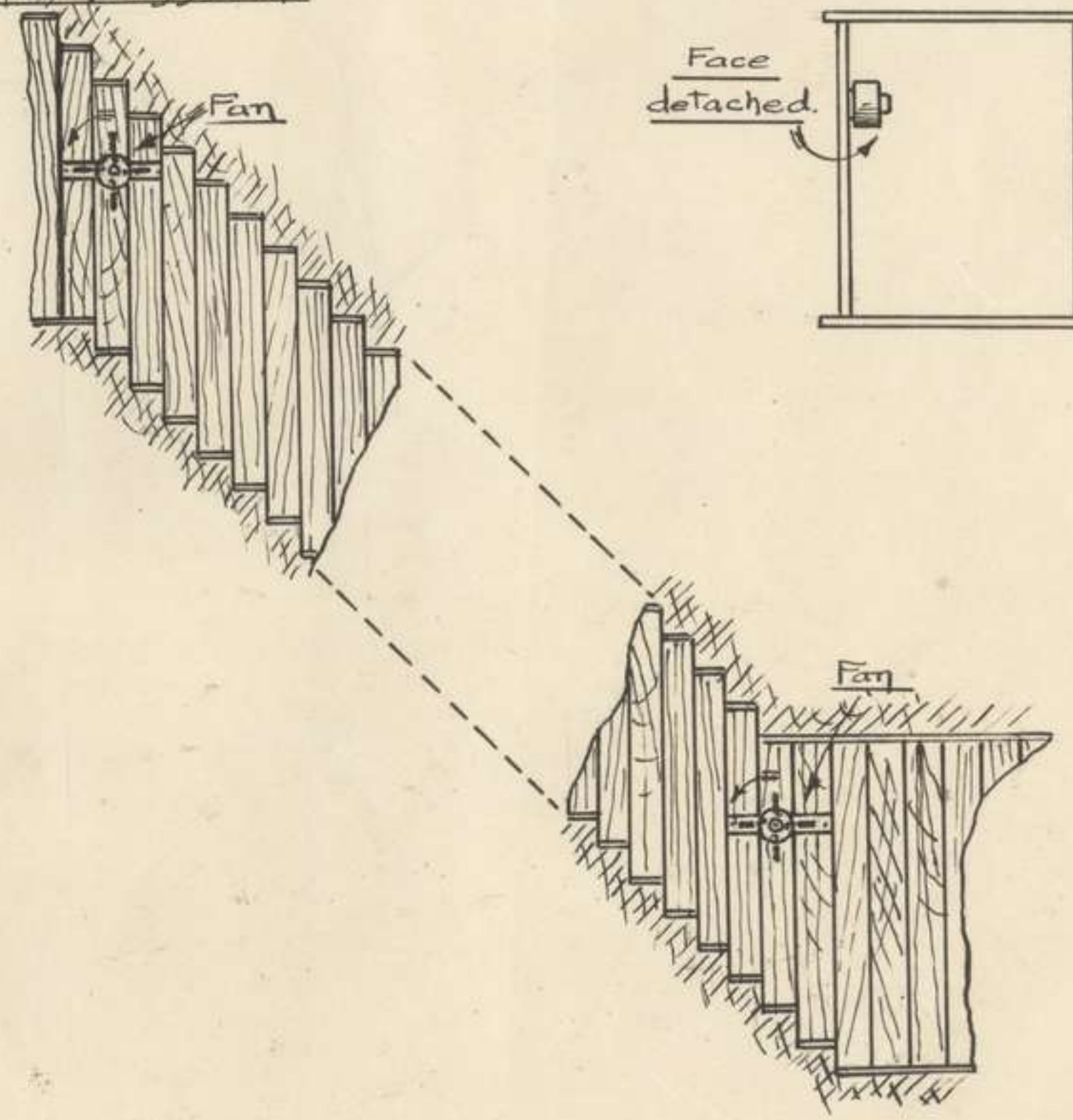
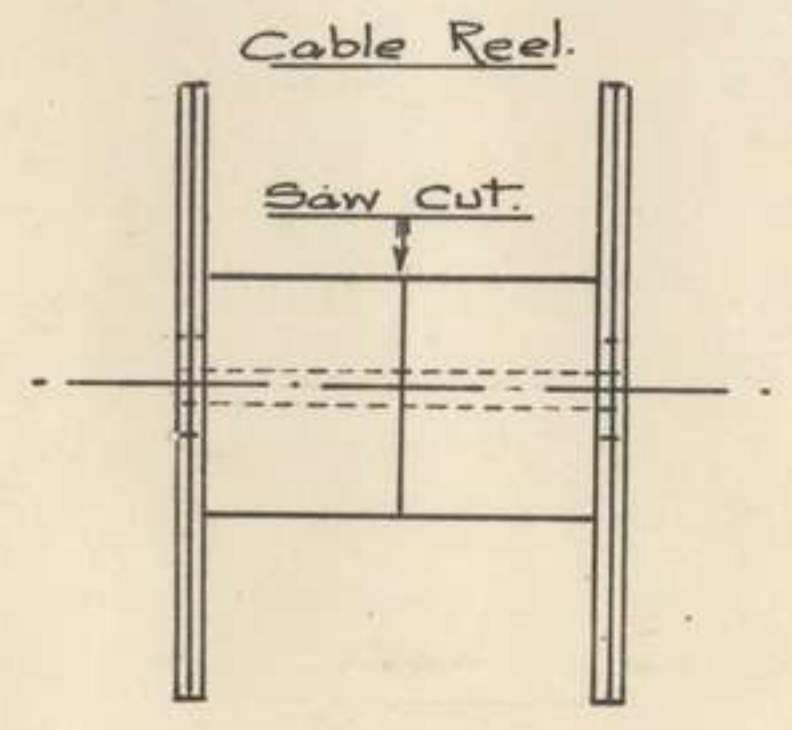
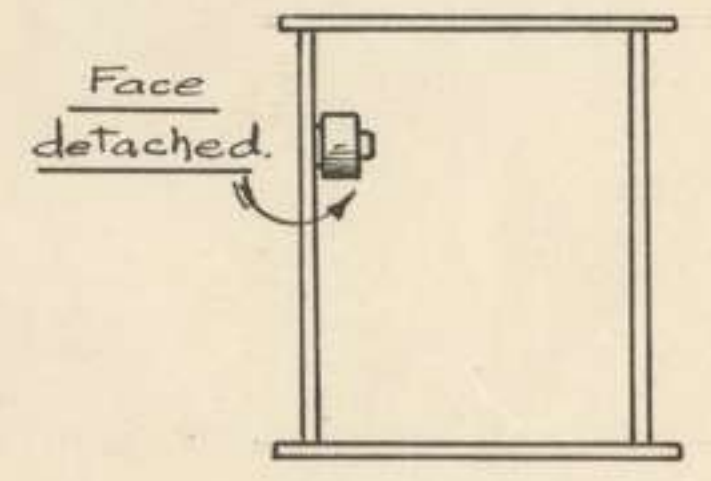
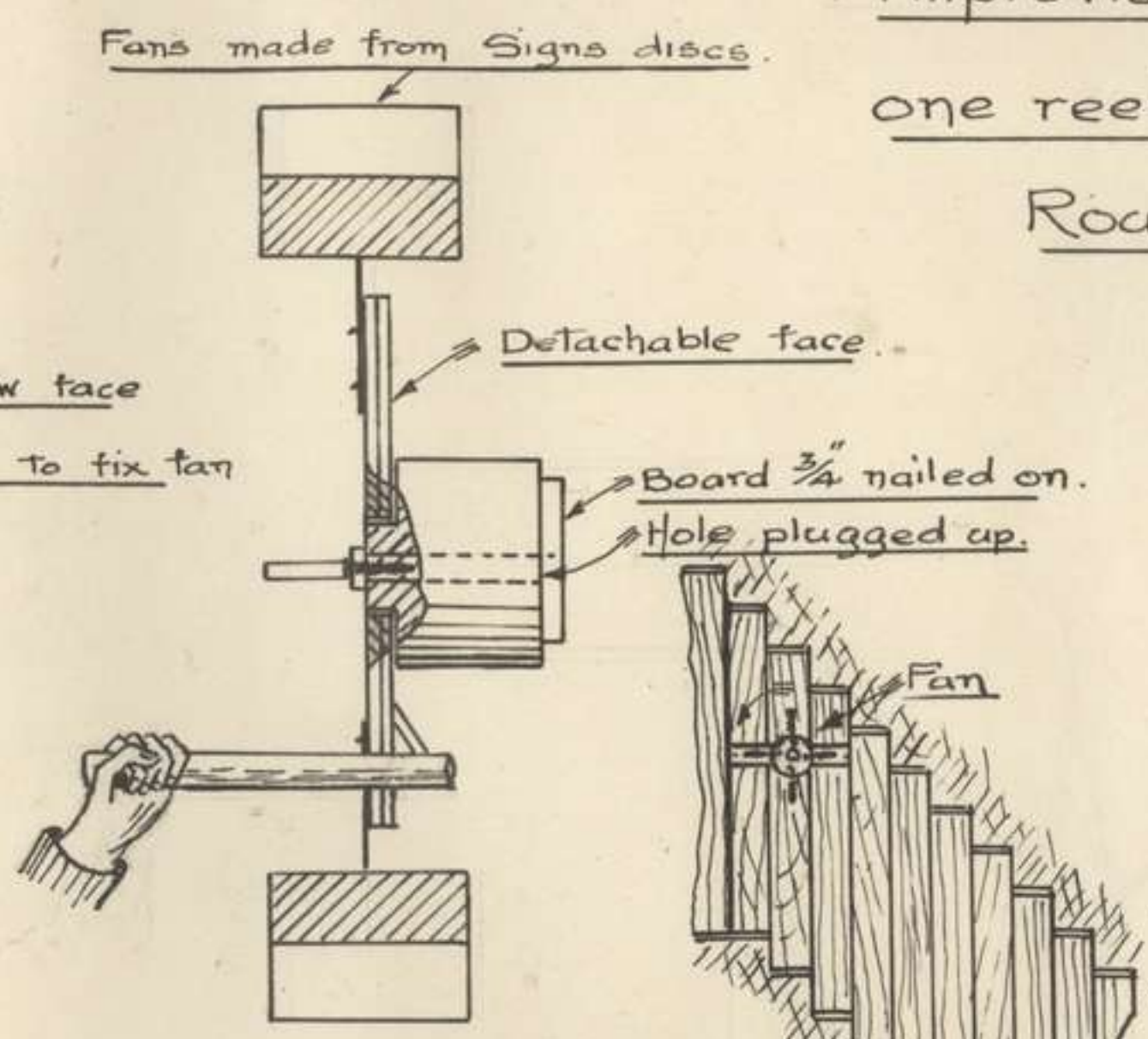
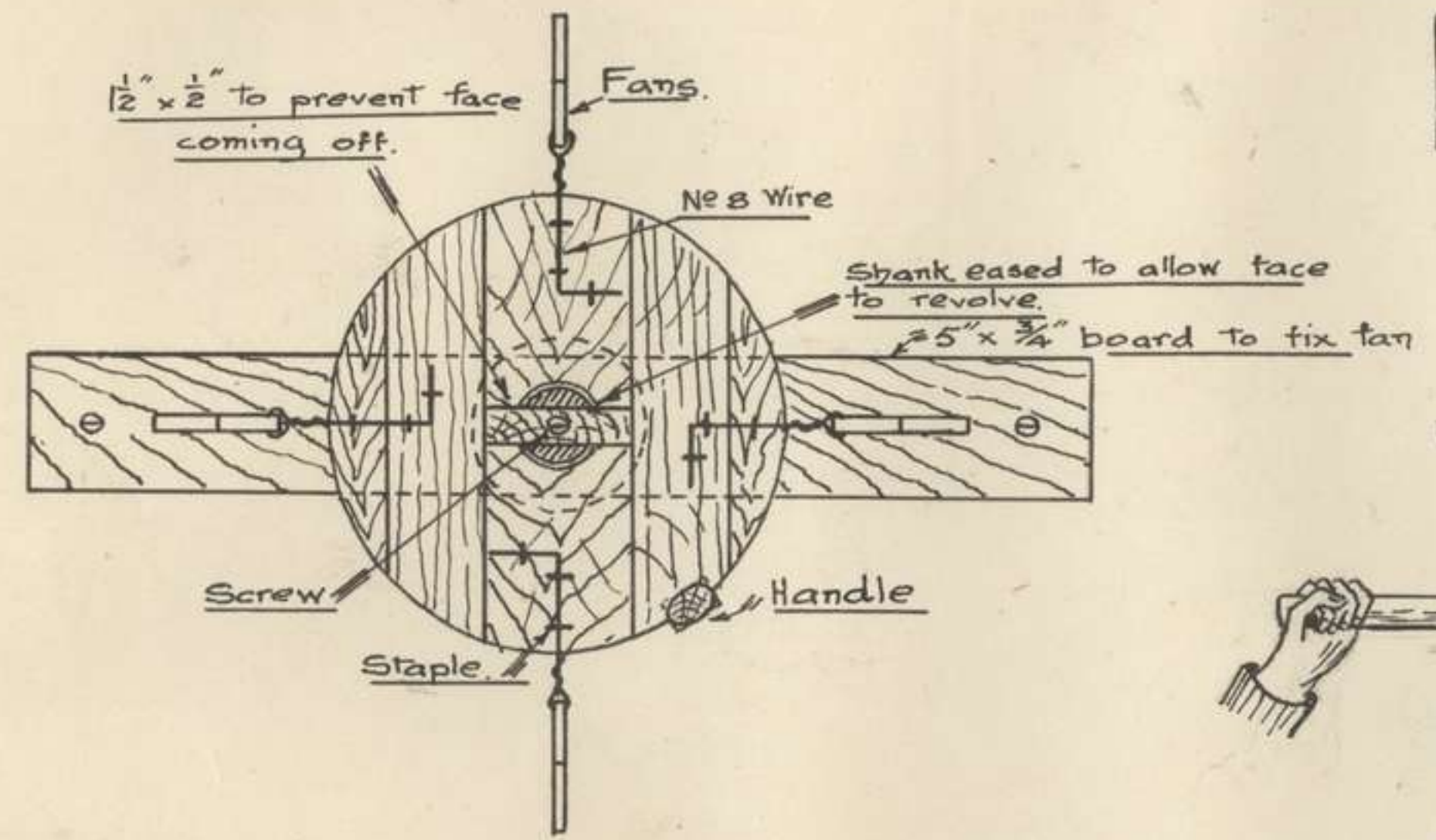
SECTION A-A



PLAN

Fan for clearing dug-outs of foul air.
 Improvised from cable reel,
 one reel making two fans.
 Rough sketch & Section

Not to Scale.



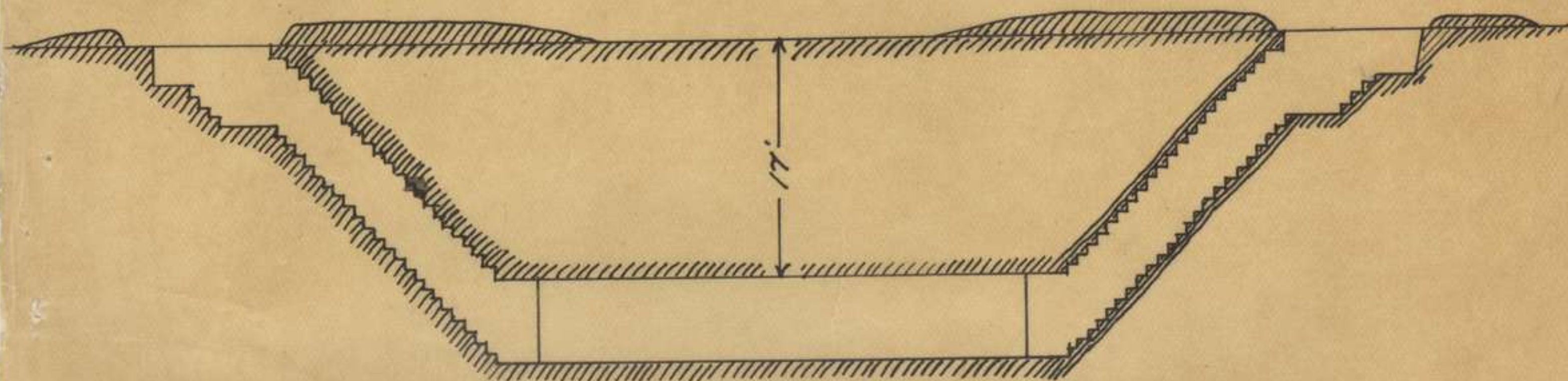
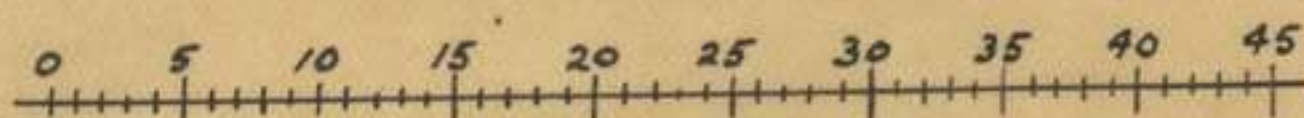
275

275

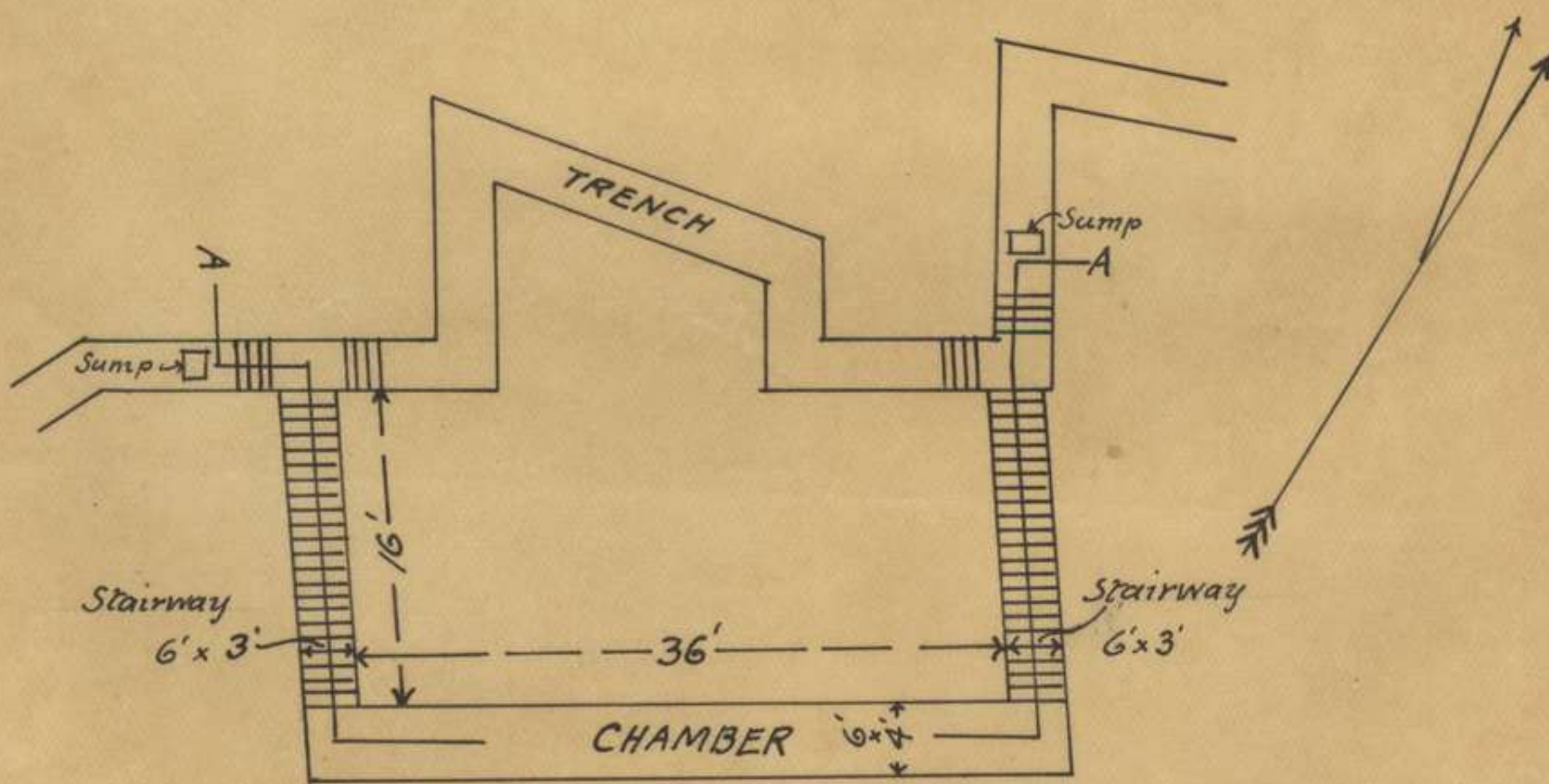
DEEP DUG OUT

AT 24.d.5.0.

SCALE 15' = 1"



SECTION A-A.



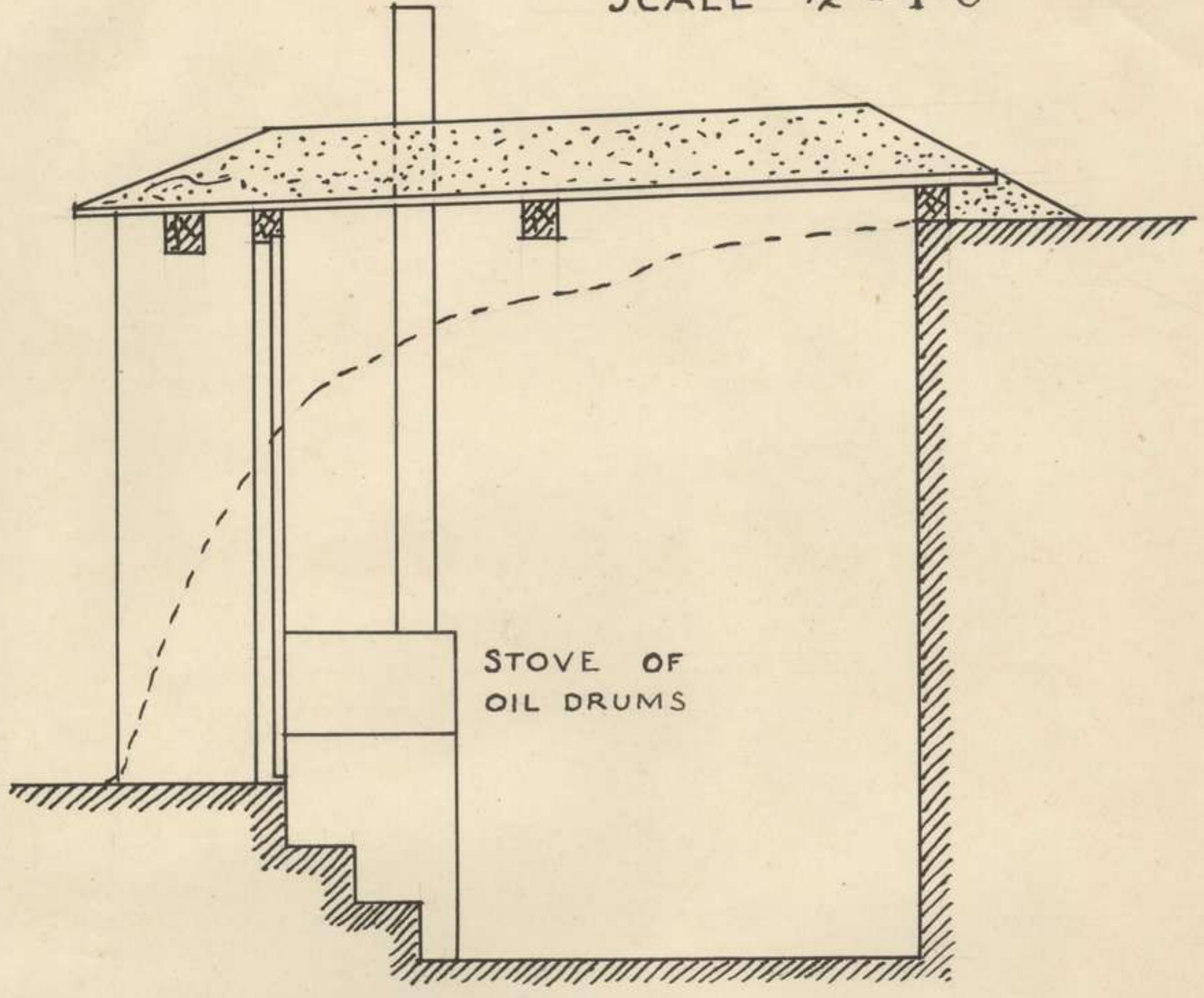
PLAN

275

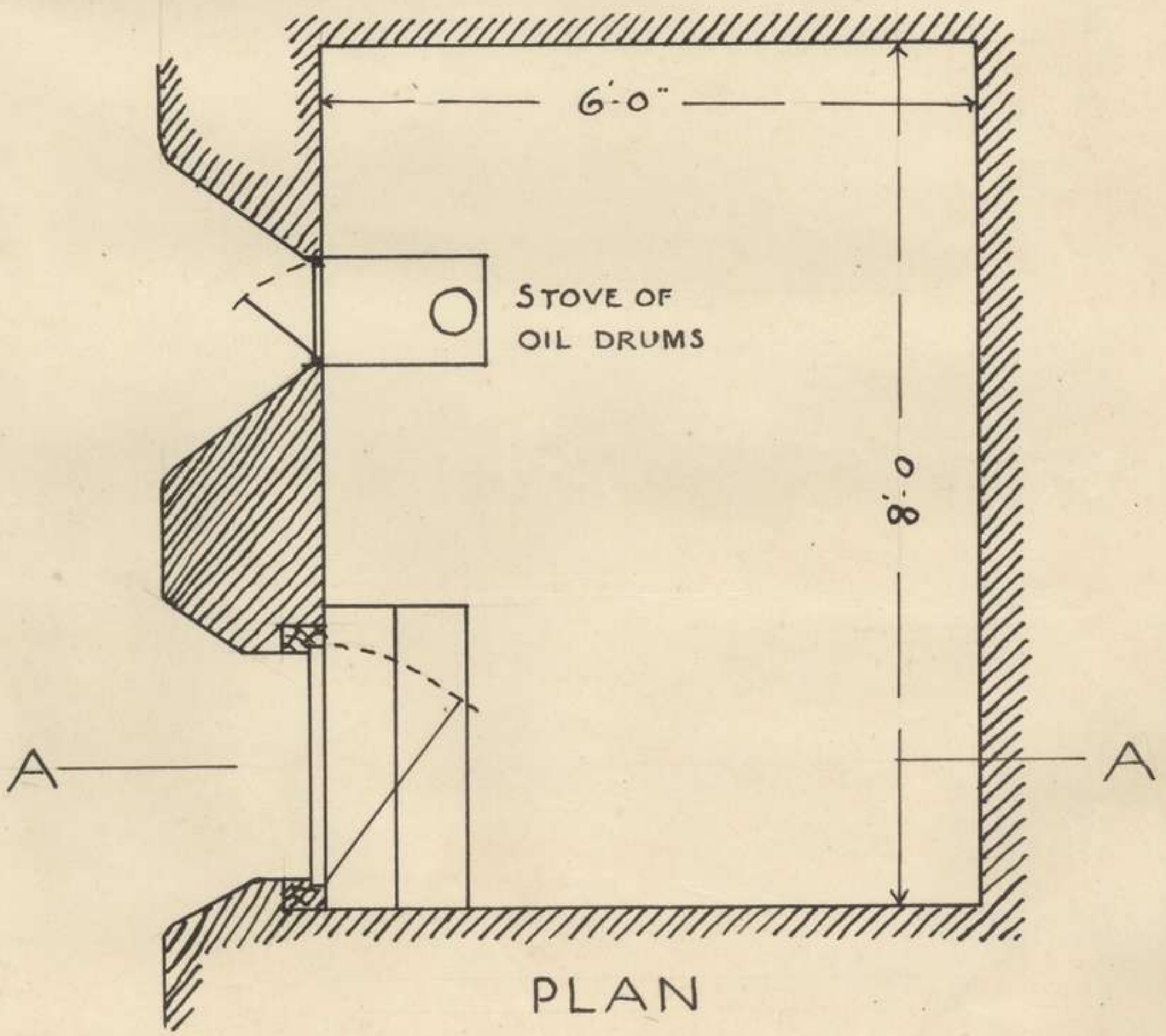
DELOUSER ERECTED AT BUSSY CAMP

APPENDIX. 9 11/13

SCALE 1/2" = 1'-0"



SECTION A-A

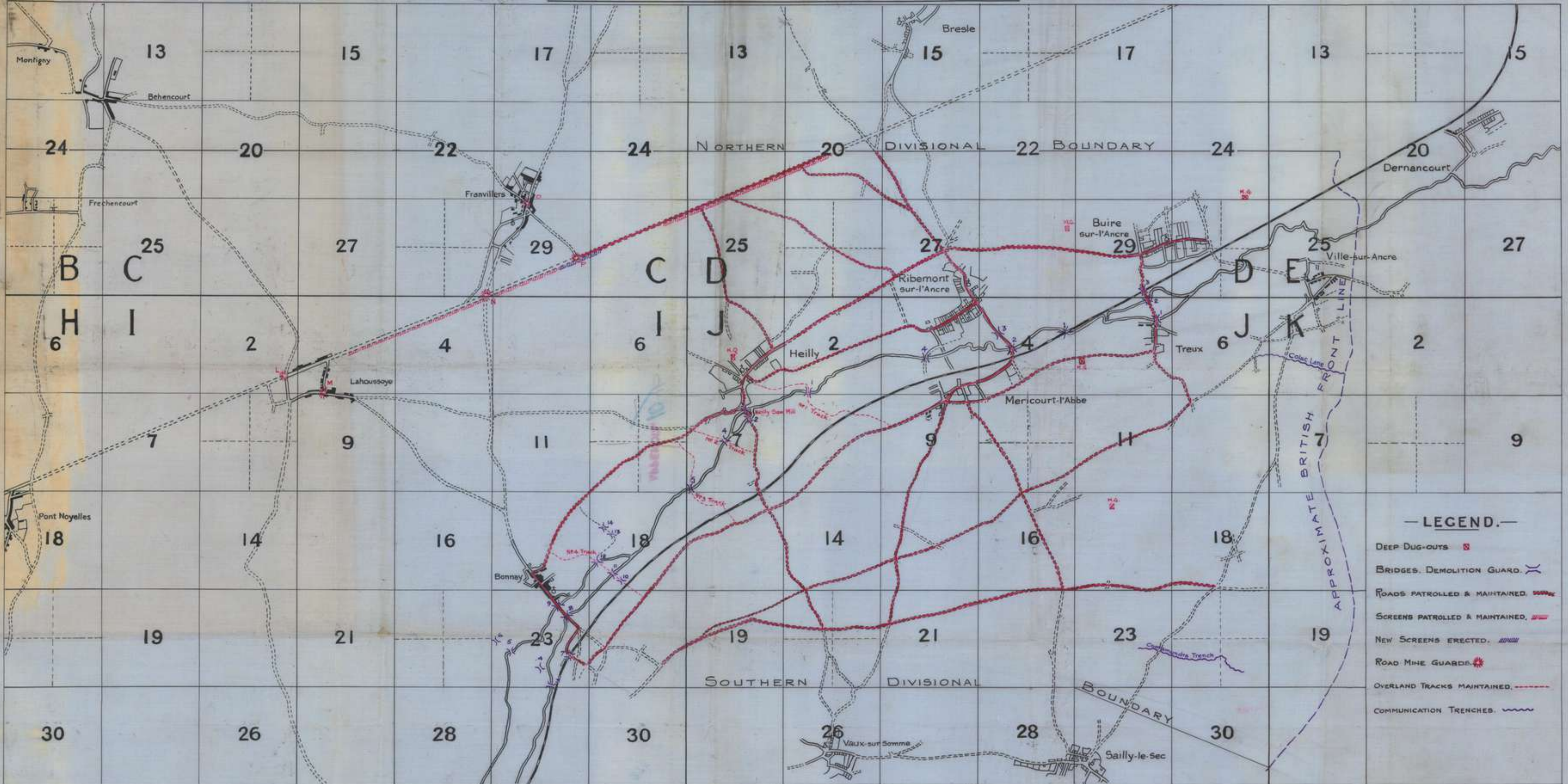


PLAN

— 5TH AUSTRALIAN PIONEER BATTN. —

1/20,000 — PART OF SHEET 62^B —

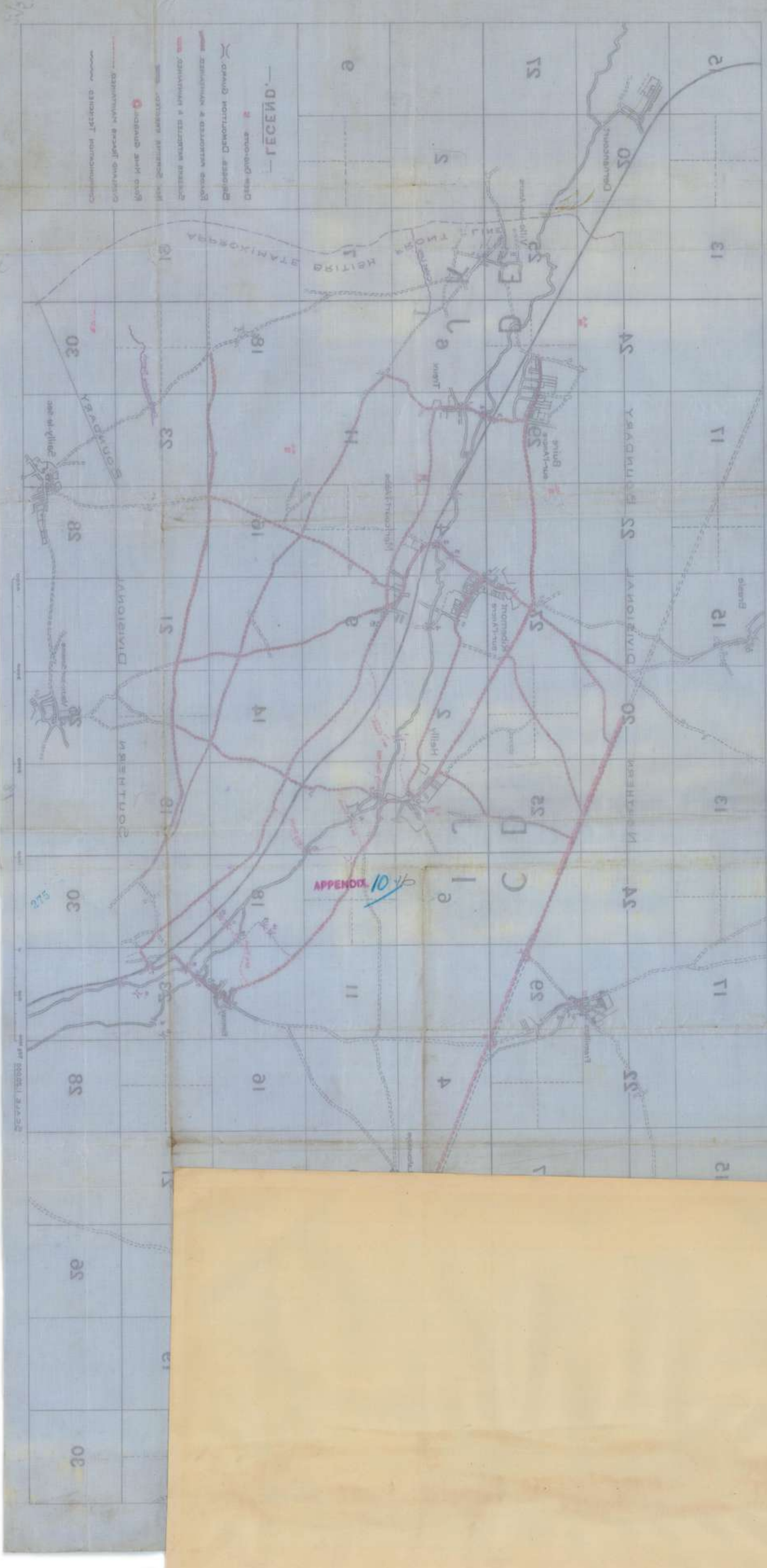
— MAP COVERING WORK REPORT FOR JUNE 1918. —



— LEGEND. —

- DEEP DUG-OUTS
- BRIDGES, DEMOLITION GUARD
- ROADS PATROLLED & MAINTAINED
- SCREENS PATROLLED & MAINTAINED
- NEW SCREENS ERECTED
- ROAD MINE GUARDS
- OVERLAND TRACKS MAINTAINED
- COMMUNICATION TRENCHES

SCALE 1:20,000 0 500 1000 1500 2000 2500 3000 4000



- Силісний Детачмент
- Силісний Детачмент
- Контра-пункт
- Частини авіації
- ▬ Дорожні знаки
- ▬ Дорожні знаки
- ▬ Дорожні знаки
- ▬ Дорожні знаки
- ▬ Дорожні знаки
- ▬ Дорожні знаки

— ПТА В РАЗНОІЯ ПІЛЛЯТІСА НІЗ —
 — ІВЪ СОВЕРІКС МОСКЪ БЪОРТЪОЗЪ ТРОЄНЪ КЪОШЪ СІВІЛЪОСЪ ДАМЪ —

АРРЕНДІА 10/15

