

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

Tunnelling & Survey

Item number: 16/2/18

Title: 1st Australian Tunnelling Company

June 1918



AWM4-16/2/18

354

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CONFIDENTIAL.

ORIGINAL.
DUPLICATE.
TRIPLICATE.

Australian Imperial Force.

WAR DIARY

OF

1st Australian Tunnelling Coy.

FOR

June 1918

Signature of Officer compiling

W. G. A.

Signature of Officer Commanding

S. Hudson M.O.F. A.E.

WAR DIARY

Army Form C. 2118.

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.

or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

1st Australian Tunnelling Coy.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Medlow			Strength 22 officers 630 O.R. Casualties Nil.	
Camp	1		Weather calm and fine. Nos. 2 + 4 sections were partly occupied in cleaning-out caves	10
Sheet				
Lens II	2		Fine. Church parade at H.Q.	
4F3530	3		Fine. Rise from cave under Harbarcq, Chateau retimbered.	
	4		Calm + dull. Section commanders ordered to arrange alarm posts.	
	5		Calm + fine.	
	6		Calm + fine. Gas drill; masks worn from 10-10.30 a.m.	
	7		Bath parade for H.Q. and training sections.	
	9		a little rain in the evening, otherwise fine. Nos. 2 + 3 sections do no work being engaged in inspections + bath parades	
	10		Cool + fine. New training squad begins infantry work at H.Q.	
	11		Cool + fine.	

H. H. Bates

WAR DIARY

Army Form C. 2118.

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INTELLIGENCE SUMMARY.

1st Australian Tunnelling Coy

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(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Medlow	12		Fine + cool. Capt. Blinton leaves Company. Experiment on blowing shaft.	8
Camp.	13		Fine + cool. Lt Yates takes charge of No 2 section.	
	14		Fine + cool. Commence work on shafts by driving pipes + blowing. 8 men employed.	8
			Commenced construction of cricket pitch with concrete ends at H.Q.	
	15		Fine + cool. Cricket pitch completed. Work on D-4 subsector completed.	
	16		Cool, with a little rain in the morning. No 4 section commenced work on D-3 subsector. Received new 4" theodolite (No 28) with legs, case etc., and two small folding levelling staves.	
	17		Cool + a little rain. No 3 section engaged in opening up old French dugouts.	
	18		Fine + cool. Work on French dugouts continued.	

Yates H.

WAR DIARY

Army Form C. 2118

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

INTELLIGENCE SUMMARY.

1st Australian Tunnelling Coy.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Medlow Camp	19		Fine + Cool. N ^o 1 Section Bath parade, rifle inspection, drill musketry + pay parade. N ^o 3 section repairing French dugouts. N ^o 4 section struck large boulders in D 38 A, progress consequently delayed.	
	20		Fine. Rain during night 20/21. N ^o 3 section still repairing French dugouts. N ^o 4 section having further trouble with boulders	
	21		Cloudy, some rain. Influenza epidemic begins + continues all the month with increasing severity. affects N ^o 1 section first.	
	22		Heavy rain night 21/22. Section 3 now located at Camblain l'abbé Sheet 44 ^B S.E.W. 22.C. 5, 8.	
	23		Cool. Strong wind. In N ^o 1 section N ^{os} 1 + 4 squads musketry inspection + bath parades. N ^{os} 3 + 4 squads interchanging to infantry training at H.Q. N ^o 2 Section Church parade, squad drill. and	H. G. 11

WAR DIARY

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

1st Australian Tunnelling Coy

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Medlow Camp	23	Cont.	<p>general clean up. Experimenting at Clump Camp with sledge on skids for bringing dirt up inclines.</p> <p>N^o 3 Section employed removing dump from Harbarcq, & generally on camp duties, both parades & inspections.</p> <p>N^o 4 Section no work on account of changing over squads from infantry training at H.Q.</p>	
	24		<p>Cool & cloudy. Some showers.</p> <p>N^o 2 Section sledge at Clump Camp completed & working with great success; now working two faces with the number of men previously required for one.</p> <p>N^o 3 Section repairing new working places. No footage.</p>	
	25.		<p>Fine. Somewhat cloudy. New survey arrangements come into force. N^o 7 Section sends in report of work done by volunteer labour. This work was done under their supervision by certain volunteers</p>	5

WAR DIARY

Army Form C. 2118.

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

15th Australian Tunnelling Coy.

337A

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Medlow Camp.	25	Cont.	from the R. E., Pioneers, & R. A. M. C. units in C-3 subsector. These worked intermittently since June 11 th without any regular programme. The total footage was 388 ft.	
	26		Fine & somewhat cloudy. Footage for week 910 ft.	
	27		Fine & clear. Letter from Capt. Woodward to C. R. E.	7
	28		No 2 Section does no work on account of timber supply failing.	
	29		Fine & clear. No 2 Section reports shortage of timber on all jobs. Stopped work at 11 a.m.	
	30		Fine & clear. Company moves to Rivery a northern suburb of Amiens. In the evening moves to the south side of the city & locates at L'École Communale de Filles, Boulevard de Chateaudun.	
			Further particulars of work done for 1 st & 3 rd Armies to be completed & furnished later.	<p>W. H. B. 14</p>

WAR DIARY

OF

1st Australian Tunnelling Coy.

FOR

June 1918

LIST OF APPENDICES.

No.	Subject.
1.	Quarterly Report of Q.M. for Quarter ending 30/6/18
2.	Quarterly Report of Horse & Motor Transport.
3.	Honours and Awards.
4.	Special Standing and Operation Orders.
5.	Special Instructions for Survey Department.
6.	Infantry Training Syllabus & Musketty Results.
7.	Report of work from Capt. Woodward, O.C. N ^o 4 Section to C.R.E.
8.	Pile-driving Report.
9.	Plan of weir constructed at Humbercourt.
10.	Plan of caves.
11.	Timber Report.

APPENDIX I.

Report of Q.M.S. for Quarter ending June 30th 1918.

Average daily strength rationed for

April	621
May	625
June	682

Consumption for Quarter: -

Bread	21,362 loaves (2lb.)	≡	11 oz per day
Meat (frozen)	32,020 lb		8.76 oz
Meat preserved			
Bully	16,287	120 tins	
M+V	6,522	tins	
Cheese	6,946 lb		1.90 oz
Jam	9,112 lb		
Milk	4,495 tins		
Tea	1,882 lb		.515 oz

R.E. Stores

A very small amount of R.E. Stores was drawn for the quarter.

P. S. Anderson Major R.E.

APPENDIX 1

Clothing Supply.

On account of the different changes the unit has had for the quarter our demands for clothing & necessaries have not been attended to as promptly as in the previous quarters. The principal supplies received were

Boots	220	prs.
Breeches	220	prs.
Tunics	120	prs.
Field Dressings	150	
Washing Soda	5	cwt.
Soap	400	bars
Sole leather	30	bends.

Salvage.

A corresponding amount of salvage clothing was returned to various salvage dumps

P. S. Hudson May 1915

APPENDIX (2)

QUARTERLY REPORT OF MOTOR TRANSPORT

During April 5 lorries were employed on routine work and also in conveying barb wire and pickets for the new defence line. For the first time since they landed in France the drivers have had a month free from shell fire.

A new lorry was received in place of the one burnt in March.

During May and June six lorries were employed, one being required to draw water each day.

Early in May a wornout lorry was replaced and also two motor cycles and 1 Douglas Side Car.

A Daimler Box Car did good work running 2205 miles on 747 gallons of petrol.

During the quarter the lorries ran 10007 miles on 2269 gallons of petrol an average of 4.4 miles per gallon.

J. S. Anderson M.A. RE

Appendix 2.Horse Transport Report for Quarter EndingJune 30th 1918.

There were 6 Light draughts & 8 heavy draughts employed, also one Hack attached. Each section had one G.S. wagon using it for general purposes & where motor transport was impracticable, and one G.S. limbered wagon was in use at Head Quarters.

No horses were killed or injured.

S. Hudson M.O. H.E.

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Appendix 3.

HONOURS AND AWARDS

MILITARY CROSS :- Captain Ronald Butler HINDER awarded Military Cross A.I.F. Order No. 1248 List No. 340 dated 4-6-18.
Kings Birthday Honours.

MENTIONED IN Sir D HAIG'S DESPATCH of 7th June April for services deserving of special mention. :-
A.I.F. List No. 340 dated 4-6-18.

Lieut. James BOWRY
144 Sergt. H.B. Hutchinson

MERITORIOUS SERVICE MEDAL :- 3394 Sergt. J.L. WILSON.

In recognition of valuable services rendered with the forces in France A.I.F. List No. 340 dated 4-6-18.

H. B. Hutchinson M.O.F. M.E.

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APPENDIX 4

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Appendix 4.

SPECIAL ORDER

By

Major E.S. Anderson, M.C.
Commanding 1st Australian Tunnelling Company

Headquarters
7-6-18

The following orders will be carried out by all the Headquarters
Details on the alarm being sounded :-

1. ALARM. The alarm will be 3 "G's" on the bugle followed by the fall in.
2. ALARM POST. Will be the parade ground behind the mess' kitchen
3. DISTRIBUTION. On the alarm being sounded all Headquarters Details will act as follows :-
 - (a) All transport drivers will stand by their vehicles and await instructions.
 - (b) S/Sgt. Orderly Room, S/Sgt. Draughtsman & Pay Sergeant will stand by at Orderly Room and await instructions.
 - (c) All other details will fall in at the alarm post.
4. DRESS. In all cases will be fighting order; special attention being paid to water bottles, and emergency rations.

E. S. Anderson

Major, A.E.

Appendix 4

OPERATION ORDER No. 4

By

Major E. Anderson, M.C.,
Commanding 1st Australian Tunnelling Company,

Headquarters
In the Field
29-6-18

-
1. INFORMATION. The Unit is being transferred to 4th Army and will be billeted at RIVERY on the Northern outskirts of AMIENS. Move will take place on 30th inst. Left Half Company will move to destination independently.
 2. COMMAND. Captain O.H. Woodward Officer i/c Left Half Company. He will arrange all details re transport for movement of troops (with full kits and baggage), also time and route. He will be responsible that 48 hours rations are available for Left Half Company. Other details as outlined herein.
 3. DRESS. Full marching Order.
 4. RATIONS. 48 hours rations to be carried.
 5. WATER. All water bottles to be filled.
 6. TENTAGE. All tents of Left Half Company to be struck on the morning of 30th inst and sent to Headquarters with all cooking gear from each section. One cook from each section to accompany same. Motor Lorry now attached to L.H. Coy will transport this material and will then remain at Headquarters.
 7. MOTOR TRANSPORT. 3 Lorries will report to the O i/c L.H. Coy. at about 3 p.m. 29th inst for the purpose of transporting all material (other than outlined in these orders) to Headquarters. Officers in charge of Sections will decide what material they consider necessary to shift but will make certain all G. 1098 Stores and any surplus clothing is included.
 8. L.H. COY DETAILS. Lieut. W.S. Jones in charge will report to Captain Woodward on the 29th for duty at Sheet 44B.W.IO.d.7.8. (Camblain L'Abbe)
 9. DESTINATION. Debussing point will be the head of the junction of the main DOULLENS - AMIENS road with the ~~tramline~~ 1st Tramline on the outskirts of AMIENS. *St. Quenens (2) 68. D. 56*
 10. GUIDES. Sergeant H.B. Hutchinson will meet the column at the debussing point and conduct the sections to the billets.

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Appendix 4

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OPERATION ORDER No. 4 CONTD.

11. BILLETING OFFICER. Lieut. J. Bate is detailed as billeting officer and will be found at the Hospice late Headquarters of 254 Tunnelling Company.
12. MORSE TRANSPORT. From both sections of Left Half Company will report at Headquarters on Sunday 30th inst as early as possible EMPTY.

J. B. Bowry
Lieut. A.E.

Copy No. 1	C.O. L.H. Company
2	" No. 3 Section
3	Lieut. W.S. Jones
4	War Diary ✓
5	C.O.
6	File

7596

Appendix 4

APPENDIX 4

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OPERATION ORDER No. 5

By
Major E.S. Anderson, M.C.
Commanding 1st Australian Tunnelling Company

Headquarters
in the Field
29-6-18

1. INFORMATION The Unit is being transferred to the 4th Army and will be billeted at RIVNEY on the Northern outskirts of AMIRNS. Move will take place on 30th inst. No. 1 & 2 Sections and Headquarters Details (including training section) will move to destination independently.
2. COMMAND. G Sections will detail an officer who will be responsible for the column on the move. Lieut. Justice will take charge of Training Section and Headquarters Details.
3. DRESS Full marching order.
4. RATIONS. The unconsumed portion of the 24 hours rations will be carried by all ranks. Other rations required for Right Half Coy. will be arranged for by Headquarters and will be carried in bulk. Headquarters will be responsible for all cooking arrangements at the destination.
5. WATER. All water bottles to be filled.
6. TENTAGE. All tents will be struck on the morning of the 30th inst.; they will be stacked together with all cooking gear. G.1098 stores, ~~and~~ surplus clothing and all other material Section Commanders wish to have transported to new location. Kit bags in the proportion of 1 Kit bag to three men must go with the column. G Sections will detail one cook per section to accompany this material which will be handled by Headquarters Transport. All this material must be ready by 7 a.m. on the 30th inst. for transportation.
7. MOTOR TRANSPORT. Lorries will be at No. 1 Camp, No. 2 Camp, and H.Q. Camp at 8 a.m. on the morning of the 30th inst. All troops will be transported by same to their new destination. Extra kit bags must accompany the troops.
8. HORSE TRANSPORT. Will report at Headquarters as early as possible on the 30th inst. EMPTY.
9. SECTION STORES. G Sections will be held responsible that all stores drawn from sub-sections with the exception of tents are handed in on the 29th inst. to G Sub-sectors.
10. DESTINATION. Debussing point will be at the head of the junction of the main DOULLENS - AMIRNS road with the forest tramline on the outskirts of AMIRNS. (Sk. AMIRNS (2) 68.D.86.
11. GUIDES. Corpl. S. Surovsov will meet the column at the debussing point and conduct the sections to the billets.

STORES

1st AUSTRALIAN TUNNELLING COMPANY.	
No.	S/628
Date	29.6.18

705
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OPERATION ORDER NO. 5 CONTD.

billets

12 BILLETING OFFICER :- Lieut. J. Gate is detailed as billeting officer and will be found at the Hospice late Headquarters of the 204 Tunnelling Company.

13. Q.M. STORES ETC. All Q.M. Stores, Survey and Orderly Room documents and other material to be transported by the company will be handled from Headquarters in charge of Lieut. Hanton.

checked by J. B. ...

J. Bowry
Lieut. AM.

Copy No.	1	2	3	4	5	6	7	8
	O.C.		No. 1 Section					
			Lieut. Justice					
			Lieut. Hanton					
			Q.M.S.					
			War Diary					
			O.O.					
			File.					

APPENDIX N

1st AUSTRALIAN TUNNELLING COMPAN ^y	
No.	5/628
Date	29.6.18

Lieut. S. J. Lindsay

(For War Diary)

Account

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Appendix 4

APPENDIX

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STANDING ORDERS

By
MAJOR R.S. ANDERSON, M.C. Commanding 1st Aust. Tunn. Coy.

Headquarters
4-7-18

1. LOCATION. The location of this billet is Sheet 62D M.2.a central. The camp is known as "The Hospice"
2. ORDERS. These orders will refer to all Headquarters Details and other troops billeted at the Hospice from time to time for rest or training.
3. PARADE GROUND. Will be the Ground in front of the church in rear of the Company Cookhouse.
4. PASSES. Passes to the neighbouring villages not out of bounds must be applied for through the Orderly Sergeant. Name of village to be stated.
5. ORDERLY ROOM Men wishing to parade to the C.O. must first be ~~paraded~~ paraded by an N.C.O. to the Adjutant.
6. WATER. Water is available from the main town supply and is laid on for an indefinite period. Economy in the use of water must have strict observance.
7. REVEILLE. Will be at 6 a.m. when all troops must get up and roll kits for inspection. Retreat will be at sunset.
8. MEALS. Hours of meals are :- Breakfast 7 a.m. Dinner 12 noon Tea 5 p.m. Hot water will be available for washing dixies.
9. LIGHTS. Particular attention must be paid to the dimming of lights, and to the extinguishing of same on the enemy aircraft signal being blown. All lights must be extinguished in the mess quarters at 10 p.m. Sergeants Mess 11 p.m.
10. GUARD. The main Guard will be posted at the entrance to the billet. There will be one post by day and night situated at main entrance to billet and beat to extend so that sentry can keep a sharp lookout along both corridors.
11. LIQUOR. Bringing liquor into the billet is strictly prohibited.
12. FIREARMS. The discharge of firearms in the vicinity of the billet is forbidden. Magazines must not be charged or rifles left loaded in the billets.
13. POST OFFICE. Letters will be posted in the letter box provided, and not brought to the Orderly Room. Post Orderly will also take delivery of registered parcels and cables.
14. GAS Box Respirators must be worn at all times, and in all places.
15. SLEEPING ACCOMMODATION. Men must sleep in the accommodation allotted to them. N.C.O.'s in charge will be held responsible that this Order is enforced.
16. SANITATION. Particular attention must be paid to sanitation and all ranks are held responsible for cleanliness in and around the billet. Latrines are situated in the yard in the rear of billet and marked 1st Australian Tunn. Coy.
17. FIRE. & GAS ALARM On the fire or gas alarm being sounded all troops will fall in on the parade ground. The alarm will be given by the Guard and will be a series of long and short blasts on the whistle. Fire buckets will be placed in close proximity to all billets, and the Orderly Sergt. will be held responsible that these are kept filled with water.
18. BATHS, & All washing must be done in the bath room opposite cookhouse. Bath days as ordered will be arranged for.
19. ORDERS All ranks are held responsible that they acquaint themselves with Company and Standing Orders.

J. Barry

SPECIAL INSTRUCTION No. 5

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By
Major E.S. Anderson, M.C.
Commanding 1st Australian Tunnelling Company

Headquarters
In the Field
19-6-18

1. INFORMATION. Owing to the present disposition of the sections of this Coy. it has become necessary to reorganise the supervision of surveying and computation of accurate plans. With this object in view the following instructions will come into force on Tuesday 25th June.
2. SURVEYING. This will be carried out by the survey staff unless otherwise ordered (vide para 2(c))
The survey staff consists of :-
Lieut. S.J. Lindsay H.Q.
3476 A/Sgt. J.E. Peppercorn Nos 1 & 2 sections
8164 Sapper J.S. Foxall " 3 & 4 "
- (a) INSTRUMENTS There is a prismatic compass allotted to each section.
There are three theodolites and three Dumpy Levels, one of each (the standard instrument) will be kept at Company H.Q. in Lieut. Lindsay's charge.
One of each of the remaining instruments will be placed in charge of A/Sergt. Peppercorn and Sapper Foxall.
- (b) CARE OF :- These two surveyors will take care of the instruments and be responsible for their adjustment and general condition.
- (c) WORK WITH :-
When the O.C. Section desires it, the work may be carried out by an officer but the O.C. Section in that case will be held responsible for accuracy; under no circumstances however are the instruments to be interfered with or adjustments altered without reference to the surveyors named in para(2) and whose charge the instruments are in. The surveyors have been thus informed.
3. APPLICATION FOR SURVEYOR On application to Company H.Q. Lieut. Lindsay will carry out any important work or checking. The surveyors named in para(2) will reside with and be rationed by the section they are actually working with at the time. If the other section should require the services of the surveyor, arrangements for work and transport will be made direct between the section commanders concerned.
4. RECORDS. On C.sections will have plans prepared in PENCIL of the proposed work to be carried out. These plans will be forwarded to Company H.Q. on TUESDAY in each week; they will show the progress for the week ending Tuesdays. Company H.Q. will return these plans on the following Thursday in order that they may be amended for the following week.
A set of plans will be kept at Coy. H.Q. and brought up to date weekly from the information received in the section plans. This set of plans when checked by Lieut. Lindsay will be the official record of the Company.
5. PLANS. The first plans from sections will be due on TUESDAY 25th inst; new work commencing and all work now in progress will be shown. Old work will be attended to by Lieut. Lindsay.

Drawings

PLANS 5. (Contd.)

Drawings will be in pencil and to a scale of 80 feet - 1 inch (standard scale) They will show the general plan of operations, and a cross section giving the amount of head cover.

Data required and conventional signs to be used are as per appended diagrams.

6. MATERIAL.

Instruments and paper are very difficult for this Unit to get on the scale required.

A ~~copy~~ quantity of paper is being supplied with these instructions; it is however to be understood that drawing paper is exceedingly difficult to obtain and the greatest economy is necessary. Drawing boards of a kind will be available as soon as some seasoned timber can be procured.

7. CORRESPONDENCE.

All matter dealing with the survey department and indents for material will be forwarded to the C.O. through the Adjutant.

8. WEEKLY DESPATCH OF PLANS

Cases for the carrying of plans have been constructed and will be allotted on the scale of one per section. Receipts will be given to and obtained from the D.R. whenever a plan case is handed over for delivery elsewhere.

E. S. Anderson

19-6-18.

Major, A.C.

No.	2	Copy	Surveyor	
	3		O.C. No.	1 Section
	4		"	2 "
	5		"	3 "
	6		"	4 "
	7		War Diary	
	1		C.O.	

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Proposed Excavation.



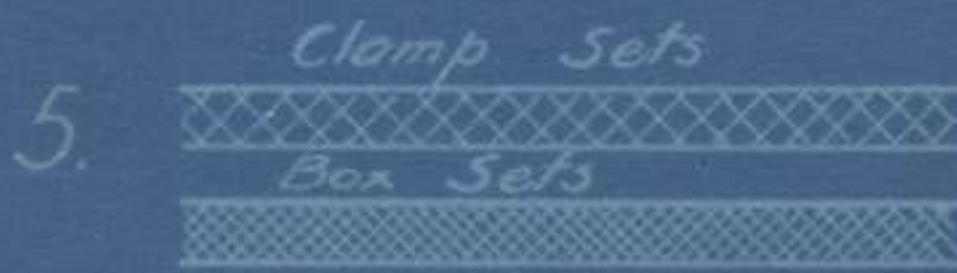
Alternate hatching for weekly progress.



Timbering.



Steel joist construction.



Underlie Stair cases.



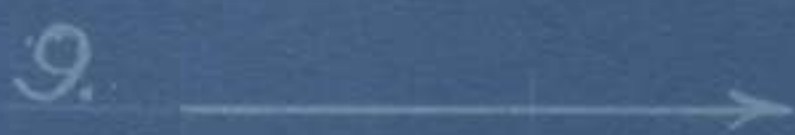
Vertical Stair case



Shaft or Winze



Terminating point for Week Ending.



North line (essential)

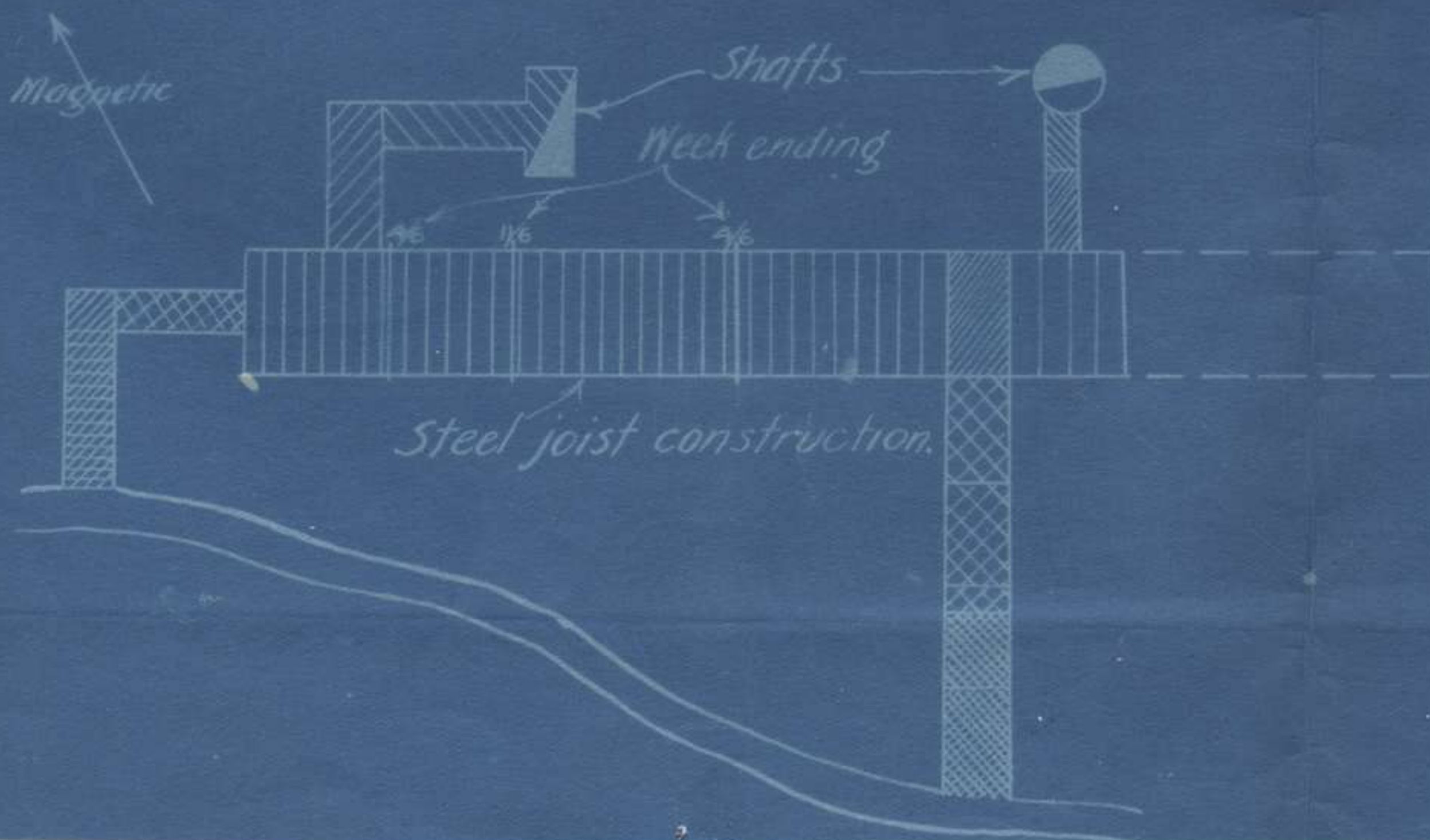
10. Bearings.

Give bearing of gallery where possible.

11. Other Signs.

As in Field Sketching.

EXAMPLE :-



APPENDIX ~~5~~

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*Appendix 6**War Diary*SCHOOLNO 1.MUSKETRYFORTNIGHT ENDING JUNE 9th 1918INSTRUCTION 8 DAYS OF TWO HOURS EACH

Total attendance	100
Total average	52.1
Possible	70
No. of shots fired	5 Grouping, 5 rapid, 5 vanishing Target.
Range distance	30 yards

J. Bowry
 For C.O. 1st Aust. Tunn. Company, A.E. Lieut. A.E.

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Appendix 6

APPENDIX

6 19
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No. 1 SECTION

19-6-18

Squad Sergeant. :- Sergt. J. Curran
Squad No. 4First School (MUSKETRY)
Fortnight ending 9-6-18.

No.	Rank	Name	Grouping	Rapid	Vanishing Target	Total
82	Sergt.	Curran J.M.	20	13	25	58
6087	Corpl.	Nolan R.A.	20	14	25	59
5572	"	Marshall	25	18	20	59
7642	Sapper	Allman	15	13	20	48
6796	"	Anderson	15	16	20	51
6874	"	Burge	20	12	20	52
5499	"	Bilson, C.	15	10	15	40
6873	"	Brindley	20	10	15	45
6098	"	Bayley A.	25	13	25	63
7204	"	Brock	20	12	20	52
6669	"	Compton R.G.	25	14	25	64
7271	"	Crawford	20	15	20	55
6671	"	Daley	25	13	25	63
5321	"	Ford	20	12	25	57
6111	"	Fallshaw	15	15	20	50
7666	"	Fraser	10	10	10	30
3298	"	Gatenby	15	14	15	44
5537	"	Gittens R.	20	12	20	52
7568	"	Handcock	25	11	25	61
5356	"	Kendall	25	13	25	63
8242	"	Kelly	20	12	25	57
7728	"	Moran	10	10	10	30
5398	"	Pocock	20	12	20	52
6058	"	Smith	25	16	25	66
6137	"	Telford	25	10	20	55
5639	"	Urry R.	25	10	25	60
3484	"	White	25	18	25	68
5504	"	Campbell R.	25	12	25	62
6124	"	McClellan F.	25	12	25	62
5494	"	Blackwood	15	16	20	51
Total			610	384	635	1629
Aver. per man			20.3	12.8	21.2	

Total Average 54.3
Possible 70

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Appendix 6

APPENDIX 6

3/18

19-6-18

No. 2 SECTION

Squad Sergeant :- Sergt. A.J. Smith First School - Musketry

Squad No. 1.

Fortnight ending 9-6-18

No.	Rank	Name	Grouping	Rapid	Vanishing Target	Total
278	Sergt.	Smith A.J.	25	14	25	64
192	Corpl.	Morris G.	20	12	15	47
46	2/Corpl	Berriman	20	15	25	60
8142	Sapper	Boundy R.G.	20	17	20	57
8286	"	Bruce E.	15	8	25	48
5387	"	McNabb R.	20	9	10	39
8144	"	Currie A.	15	8	10	33
8207	"	Curtis M.H.	20	11	15	46
7937	"	Cull P.J.	20	4	10	34
8209	"	Deakin H.J.	20	11	10	41
8323	"	Fox J.	20	14	10	44
3628	"	Kinsey R.J.	20	10	10	40
5365	"	Looseby W.	25	17	25	67
3409	"	Lewis H.D.	25	16	25	66
4906	"	Maxwell R.	20	12	10	42
6014	"	Millican F.	25	16	25	66
6971	"	McDonald J.	20	14	25	59
7122	"	McDonald J.H.	15	8	10	33
6032	"	Cakford J.J.	20	7	10	37
6048	"	Ranger E.	20	8	10	38
286	"	Stanley J.	25	8	5	38
6951	"	Smith P.	15	12	20	47
6065	"	Templeton R.	25	8	20	53
5758	"	Hughes J.	25	12	15	52
Total			495	271	385	1151
Average per man			20.6	11.3	16.0	
Total average			48.3	Possible	70.	

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Appendix 6

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No. 3 SECTION.

19-6-18

Squad Section Sergt. Sergt. T. BateySquad No. 3First School (Musketry)Fortnight ending 9-6-18.

No.	Rank	Name	Grouping	Rapid	Vanishing Target	Total
3569	Sergt.	Batey T.	25	14	20	59
3675	Corpl.	Sheppard W.	20	10	25	55
337	"	Treacy R.J.	20	14	15	49
5508	Sapper	Coogan M.	20	15	20	55
2593	"	Fraser W.M.	25	14	10	49
2592	"	Fraser I.B.	25	17	20	62
5324	"	Gassman H.	20	13	20	53
3541	"	Goode H.V.	25	17	10	52
5351	"	Joule J.	20	11	15	46
153	"	Judd D.S.	20	15	20	55
3630	"	Kings A.E.	20	15	20	55
3631	"	Lubbock J.	20	10	20	50
3640	"	Moore A.	25	15	25	65
5991	"	Goymer R.	25	13	25	63
6012	"	Mason A.T.	20	16	20	56
3485	"	McKinnon J.	25	17	20	62
7180	"	McIntosh J.	20	14	20	54
3414	"	McInnes W.	25	10	15	50
3354	"	Power L.	25	13	20	58
7127	"	Peat A.	20	10	15	45
6050	"	Robertson P.	20	10	10	40
6095	"	Riseley E.	20	10	20	50
5827	"	Schmidt A.	20	14	15	49
5213	"	Sheehan P.	20	13	20	53
6138	"	Tremelling W.	20	17	20	57
7968	"	Victor E.	25	16	10	51
5644	"	Watson F.	20	8	15	43

Total	590	361	485	1436
-------	-----	-----	-----	------

Average per man	21.5	13.4	17.9
-----------------	------	------	------

Total Average	53.1	Possible	70
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APPENDIX

Appendix 6

6 20
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354

No. 4 SECTION

Squad Sergt. :- Sergt. T. Bradshaw

19-6-18
First School (Musketry)

Squad No. 1

Fortnight ending 9-6-18

No.	Rank	Name	Grouping	Rapid	Vanishing Target	Total
60	Sergt.	Bradshaw T.	20	12	25	57
3662	Corpl.	Pritchard W.	25	10	25	60
58	Sapper	Byrne D.J.	20	12	20	52
3595	"	Cook T.	15	10	5	30
2767	"	Gyrr L.E.	20	13	20	53
3620	"	Jones C.	25	10	20	55
3313	"	Jones D.A.	15	6	10	31
166	"	Linde A.	25	12	25	62
174	"	Mann G.	15	10	20	45
3473A	"	McIntosh W.	20	15	25	60
3716	"	Mullins E.	25	18	15	58
236	"	Peterson E.A.	25	14	25	64
3358	"	Quadrio G.	25	12	25	62
5205	"	Rimmer T.	25	10	-	35
3479A	"	Ryan J.E.	25	17	20	62
5409	"	Samson F.R.	25	11	20	56
296	"	Taylor A.S.	20	12	15	47
2418	"	Fitzherbert J.	20	14	15	49
3550	"	Allen J.	25	14	25	64
Total			415	232	355	1002
Average per man			21.8	12.2	18.7	52.7
Total average		52.7	Possible		70	

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END SCHOOL OF INSTRUCTION

1ST AUSTRALIAN TUNNELLING COMPANY

Fortnight Commencing June 9th 1918

MUSKERRY RESULTS

FIGURE OF MERIT :-

Men	Points	Average	Possible
103	5902	57.3	70

Grouping	Rapid	Vanishing
22.2	14.1.	20.9

4-7-18

J. Bowry
Lieut. AR.

per CO

Appendix 6 APPENDIX

6 722

354

NO. 1 SECTION

Squad Sergeant ... Sgt. J. Yeats

Second School (MUSKETRY)

Squad No. 2

Fortnight ending 23-6-18

No.	Rank	Name	Grouping	Rapid	Disappearing Target	Total.
329	Sergt.	Yeats J.	25	12	25	62
3384	Corpl.	Tooley H.H.	25	13	20	58
266	"	Saunderson G.	25	13	25	63
3464	Sapper	Bye B.	25	13	20	58
5078	"	Byrnes M.J.	25	15	20	60
3463	"	Brown J.	25	17	25	67
341	"	Dougall W.H.	25	16	25	66
3604	"	Greenslade	15	11	20	46
419	"	Huxtable T.	25	12	25	62
5559	"	Johnson R.	20	12	10	42
5348	"	Jeffreys P.	15	11	15	41
8079	"	Lynch	25	14	25	64
8212	"	Levy	15	11	15	41
5377	"	Mudie J.	25	16	25	66
8192	"	McDonald	20	15	25	60
5380	"	McDonough	25	14	20	59
8219	"	Meekings	20	13	20	53
3363	"	Rimmer J.	20	13	25	58
3688	"	Tither J.	15	15	15	45
5087	"	Taylor	25	13	20	58
308	"	Vaughan R.R.	20	10	15	45
3395	"	Wilson J.E.	25	16	25	66
5089	"	Warren J.J.	20	11	20	51
235	"	Pederson N.	20	11	20	51
400	"	Loune K.	25	14	20	59
3368	"	Stevens S.A.	25	14	25	64
Totals			575	345	545	1465
Average Per Man			57.5			
Total average			22.1.	13.3	21.0	
Possible			70			

LB

Appendix 6 APPENDIX

6 820

NO 2 SECTION

Squad Corpl. Corpl McDonald
Squad No. 2

2nd School (MUSKETRY)
Fortnight ending 23-6-18

No.	Rank	Name	Grouping	Rapid	Vanishing Target	Total
	Corpl.	McDonald	25	16	20	61
	Sapper	Allen	20	15	25	60
	"	Cannavan P.	20	13	25	58
	"	Greig	20	11	10	41
	"	Houlahan	25	17	25	67
	"	Muirhead	25	18	25	68
	"	Norton J.	15	10	15	40
	"	Paltridge	25	11	25	61
	"	Pearce	20	13	20	53
	"	Sneddon	25	18	25	68
	"	Spier	25	14	20	59
	"	Sherman	20	11	5	36
	"	Turner	25	18	20	63
	"	Webb T.	25	13	25	63
	"	Whicker	15	11	25	51
	"	Welsford	20	13	25	58
	"	Winter O.	25	12	25	62
	"	Walsgott	25	16	25	66
	"	Warren	20	12	10	42
		Total	420	262	395	1077
		Average Per man	22.1	14.7	20.8	

Total Average 56.7
Possible 70

JB

Appendix APPENDIX

6 24
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NO 3 SECTION

Squad Sergt. Sergt. Fletcher

Second School

(MUSKETRY)

Squad No. 1.

Fortnight ending

23-6-18

No.	Rank	Name	Grouping	Rapid	vanishing	Total
3293	Sergt/	Fletcher A.	25	17	25	67
3321	Corpl.	Laughton A.	25	16	25	66
2660	2/Corpl.	McMullen	20	14	25	59
6625	L/ "	Girard	20	13	15	48
5284	Sapper	Blanche A.	25	12	20	57
5517	"	Dare S.J.	25	14	25	64
6675	"	Durkin O.	25	16	25	66
5314	"	Duncan	25	15	20	60
7919	"	Green	15	10	25	50
3316	"	Jordan D.	25	17	20	62
2765	"	Laing A.F.	20	10	25	55
6120	"	Lynch E.J.	15	13	20	48
6121	"	Lynch O.	20	13	20	53
	"	O'Brien	15	15	20	50
342	"	Matson A.	25	16	15	56
2764	"	Mercer	25	9	25	59
6679	"	Marsh	15	16	20	51
3335	"	McLean	20	14	20	54
6942	"	McFarlane	15	11	5	31
410	"	Connolly K.	25	12	15	52
6887	"	Payne	15	13	15	43
232	"	Parmeter	20	14	20	54
7132	"	Rowe	25	17	25	67
6131	"	Shackleton R.	20	17	10	47
6974	"	Spouncer	25	19	25	69
5410	"	Sault D.	25	11	20	56
3385	"	Thompson	25	15	20	60
3516A	"	Williams	10	10	25	35
5368	"	Younger	25	16	20	61
3429	"	Woods A.R.	25	11	15	51
		Total	640	416	595	1651
		Average per man (30 men)	21.3	13.9	19.8	
		Total average				55.0
		Possible				70

JB

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Appendix 6 APPENDIX 6

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NO 34 SECTION

Squad Sergt.

Serjt. *Sewell* ~~Fletcher~~

Second School (MUSKETRY)

Squad No. 2.

Fortnight ending 23-6-18

No.	Rank	Name	Grouping	Rapid	Vanishing	Total
	Serjt.	Sewell J.	25	14	20	59
	Corpl.	Waters W.	25	19	25	69
	2/ "	Passey	15	15	20	50
	L/ "	Dawson W.H.	25	15	25	65
	Sapper	Crowson	25	15	25	65
	"	Elmer	25	19	25	69
	"	Griffin	25	12	10	47
	"	Hore	25	15	25	65
	"	Keys	25	16	20	61
	"	Laws	20	12	20	52
	"	Mooney	25	19	25	69
	"	Moran	25	13	25	63
	"	Murton	20	10	25	55
	"	Madders	25	14	20	59
	"	Nicolls A.T.	25	15	25	65
	"	Nicholls L.J.	25	17	25	67
	"	O'Rourke	25	14	25	64
	"	Paton	20	15	15	50
	"	Prideaux	20	14	25	59
	"	Roberts	25	16	25	66
	"	Scott J.W.	25	19	20	64
	"	Scott J.F.	25	17	25	67
	"	Sheehy	15	15	25	55
	"	Todman	25	17	25	67
	"	Trembath	25	13	15	53
	"	Thomas	25	16	25	66
	"	Wherry	25	17	25	67
	"	Cooper	25	15	20	60
		Average	23.5	15.2	22.1	60.96.

Total Average Per man 60.96
Possible 70

JB

BY MAJOR E.S. ANDERSON M.C.
 COMMANDING
 1ST AUSTRALIAN TUNNELLING COMPANY

SYLLABUS OF INSTRUCTION

HEADQUARTERS,
 IN THE FIELD.
 27-5-18.

DAY	6.30 TO 7 AM	9 TO 10 AM	10 TO 11 AM	11 TO 12 NOON	2 TO 3 PM.	3 TO 4 P.M.	REMARKS
1 ST DAY	PHYSICAL TRAINING,	SQUAD DRILL WITH ARMS	MUSKETRY INSTRUCTION	INSTRUCTION BAYONET FIGHTING	MUSKETRY INSTRUCTION	LECTURE MUSKETRY	10 MINUTES REST WILL BE GIVEN EACH HOUR. DURING THIS TIME LECTURETTES, CHOSEN BY C.O. WILL BE GIVEN.
2 ND DAY	RUNNING, JUMPING,	DO.	DO.	DO.	DO.	CARE OF ARMS AND AMMUNITION	
3 RD DAY	GAMES,	DO.	DO.	DO.	DO.	DO.	
4 TH DAY	ET CETERA	TRAINING OF EYESIGHT : JUDGING DISTANCE : MARCH DISCIPLINE.	DO.	DO.	DO.	DO. AIMING	
5 TH DAY		DO.	DO.	DO.	DO.	DO.	
6 TH DAY		DO.	DO.	DO.	DO.	THEORY	
7 TH DAY		PLATOON DRILL CLOSE ORDER	DO.	DO.	DO.	DO.	
8 TH DAY		DO.	DO.	DO.	DO.	DO.	
9 TH DAY		JUDGING DISTANCE	DO.	DO.	DO.	RULES FOR RANGES: ETC.	

10TH-14TH
 INCLUSIVE

MUSKETRY COURSE, RANGE, BOMBING, AND BAYONET FIGHTING

NOTE :- MEN NOT FIRING ON THESE DAYS WILL BE GIVEN INSTRUCTION IN EXTENDED ORDER WORK, USE OF COVER & JUDGING DISTANCE.

*J. Bourne Lt AE
 for C.O.*

APPENDIX

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[Copy]

Appendix

APPENDIX

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26/27

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June 27th 1918.

To C.R.E. D Sector.
G.H.Q. Defence Line,
Savy.

From
O.H. Woodward Capt. A.E.
O.C. N^o 4 Section
1st Australian Tunnelling Coy.

Herewith please find Plans & data together with
proposed work relating to Dugouts etc. situated
in D 4 subsector D Sector of G.H.Q. Defence
Line.

O.H. Woodward Capt. A.E.
O.C. N^o 4 Section
G.H.Q. Defence Line.

Copies to

C.R.E. D Sector G.H.Q. Defence Line.
C.O. 1st Australian Tunnelling Coy.
File.

[Report.]

Report on Dugouts and Machine Gun Emplacements
situated in D-4 Subsector D Sector

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G. H. Q. Defence Line.

Sheet 44^B S.E. (old 36^B S.E.) as per G.R.O. of 29/5/18.

Reference Plans etc attached herewith.

N^o I:— Notes on mined Dugouts construction
being E in C Fieldwork Notes N^o 17.
Special attention is drawn to Paras. (IV) Earth
Pillars + Para VI sub-Para N^o 8 + N^o 10.

N^o II Construction Circular N^o 18.

N^o III (a) C.R.E.^S D Sector Memo B 42/197
(b) " " " B 14/316
(c) " " " of May 14th 1918
(d) " " " B 41/394 (Copy)
(e) " " " B 14/67 (Copy)

N^o IV Working Drawings.

(a) Drawing DP/7 Sheets N^o 1 + N^o 2
(b) " DP/8
(c) " DP/9 Standard
(d) " DP/10

Sheet N^o II

N^o V Drawing showing M. G. Dugout + emplacement
being 1st Army Standard Type N^o 7.

This type has been slightly modified and
the standard machine gun emplacement is now
as built in 1st Australian Tunnelling Coy's Plan
of Dugout D.21.

[General

General Notes.

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Dugouts D 11. D 12. D 13. D 14. D 15
D 16 and D 18 were laid out by the 2nd
Canadian Tunnelling Coy and were well
advanced when the 1st Australian Tunnelling
Coy took over the work. Consequently the
latter company cannot be held responsible
for the lack of care shown in the laying out
of the work.

The result is particularly in the case of Dugouts
D 13 D 14 & D 15. That considerable difficulty
will be experienced in connecting up the
various stairways with the 9' x 7' Dugouts
to be put in at a later date.

In the more complicated systems a proposal
for the layout of the 9' x 7' Dugouts has been
shown in green

The Scale of all attached Working plans is
1 inch equals 20 ft.

Sheet N^o. 3

The work in D-4 subsector was originally laid
out to conform with Type III Dugout 1st Army
Pattern but at a later date Drawing DP/9 was
made the Standard.

As the C.R. E^s memos show this drawing can
be altered to conform to the lay of the
country & the Trench system. A shaft
incline with a landing at 14' cover & M. G.
recess can be included in place of the stairway
with right angle bend as shown in Drawing DP/9.
All entrances are now to have a landing at 14' Vert.

[Cover]

Cover with a recess 5' x 2' 9" on one side for M. G. & S.A.A. storage.

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Working Plans.

Working plans of the following Dugouts are herewith attached. Survey Data is shown in Red Measurements in Blue & Proposed work in Green. The levels at the top & bottom of stairways are shown in red.

Sheet IVWorking Plans (Cont.)

- | | | |
|------|--------|---|
| (1) | Dugout | D 11 |
| (11) | " | D 12 |
| (3) | " | D 13 & D 15 |
| (4) | " | D 14 |
| (5) | " | D 16 |
| (6) | " | D 17 with plan of canes & proposed entrances shown. |
| (7) | " | D 18 |
| (8) | " | D 21 |
| (9) | " | D 22 |
| (10) | " | D 23 |
| (11) | " | D 31 |
| (12) | " | D 32 |
| (13) | " | D 33 |

The plans attached are self explanatory.

[Dugout

Dugout D 11.

A stairway is shown to be 1'4" deeper than B, consequently that will allow for a ³⁵⁴ good grade when connecting the two stairways by 9'x7' dugout. In each of these stairways a recess at 14' cover has yet to be put in.

Dugout D 12.

A stairway is at 20' lower level than B. B stairway to continue out as shown in green forming a M.G. emplacement.

Sheet No. 5.Dugout D 13 & D 15.

Proposed connection between adit & A stairway shown in green. A third entrance to be put to road. B & C stairways to be connected & M.G. emplacements put in at sites to be located later.

Dugout D 14.

3 M.G. emplacements to complete.

Proposed dugout connections shown in green.

Dugout D 16.

Connected by 9'x7' Dugout.

Dugout D 17

Stairway from cave complete. Two additional entrances to be made at later date.

Dugout D 18

Stairways to be connected by 9'x7' Dugout.

[Dugout D 21]

Dugout D 21.

One M. G. emplacement complete.
Dugout for team to be yet excavated.

Dugout D 22. One M. G. emplacement to be completed.

Sheet N^o 6.

Dugout D 23.

One stairway B to be completed to depth. Connected by 9'x7' Dugout. Two M. G. emplacements.

Dugout D 31.

M. G. emplacement complete.

Dugouts etc. to be added as required.

Also 2nd entrance to trench above bank.

Dugout D 32.

B. stairway to be sunk to 20' cover.
9'x7' Dugout to be completed. 2 M. G. emplacements to be completed.

Dugout D 33. O.P.

Complete except for cover to observation shaft. Type proposed "O liner" Type as per Camouflage Text Book.

Signed:— O. H. Woodward Capt. A.S.

O.C. N^o 4. Section

1st Australian Tunnelling Coy.

A. I. F.

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(COPY)

APPENDIX 8

APPENDIX 8

1ST AUSTRALIAN TUNNELLING COMPANY

Headquarters
17-6-18

Controller of Mines,
3rd Army.

PILE DRIVING REPORT

14-6-18 Plant was moved to a Champagne Type Gun Emplacement at Sheet 51C V.20.a.5.1 on 14th inst.

Pile driving commenced and pipe driven down to 27 feet on the same day. Going was good and country was evidently sandy clay.

15-6-18. Pipe was driven a further 11 feet and charged up to within 4 feet of the surface when a two inch diam pipe was put in and charged to the surface.

RESULT :- Country No chalk or flints were driven out.

Surface. Badly ~~xxxxxx~~ scarred.

Crater Quite reasonable.

Shaft. Large quantities of material fell back.

Tubbing was put in giving a lined shaft of about 18 feet, the bottom will be taken out or pushed down the shaft if it will go.

An incline of 9" x 3" sets going down at 45 deg. and having its bottom about 30 feet from the pipe was not affected in the slightest.

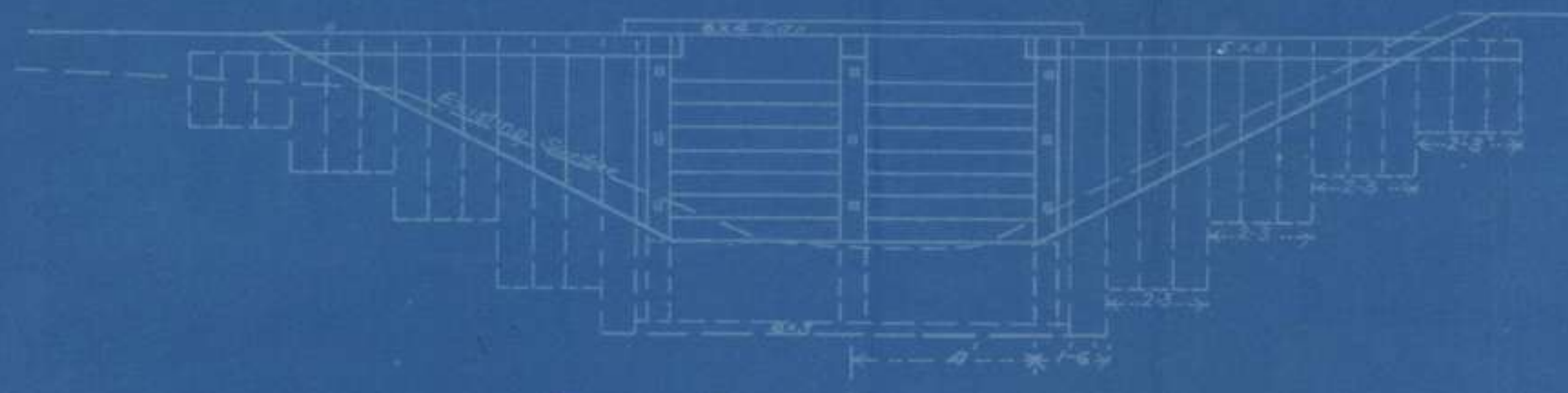
Operations now awaiting the arrival of steel shoes for pipe driving.

(SIGD) E.S.ANDERSON Major A.E.
C.O. 1st Australian Tunnelling Coy.

Appendix 9.

WEIR AT HUMBERCOURT

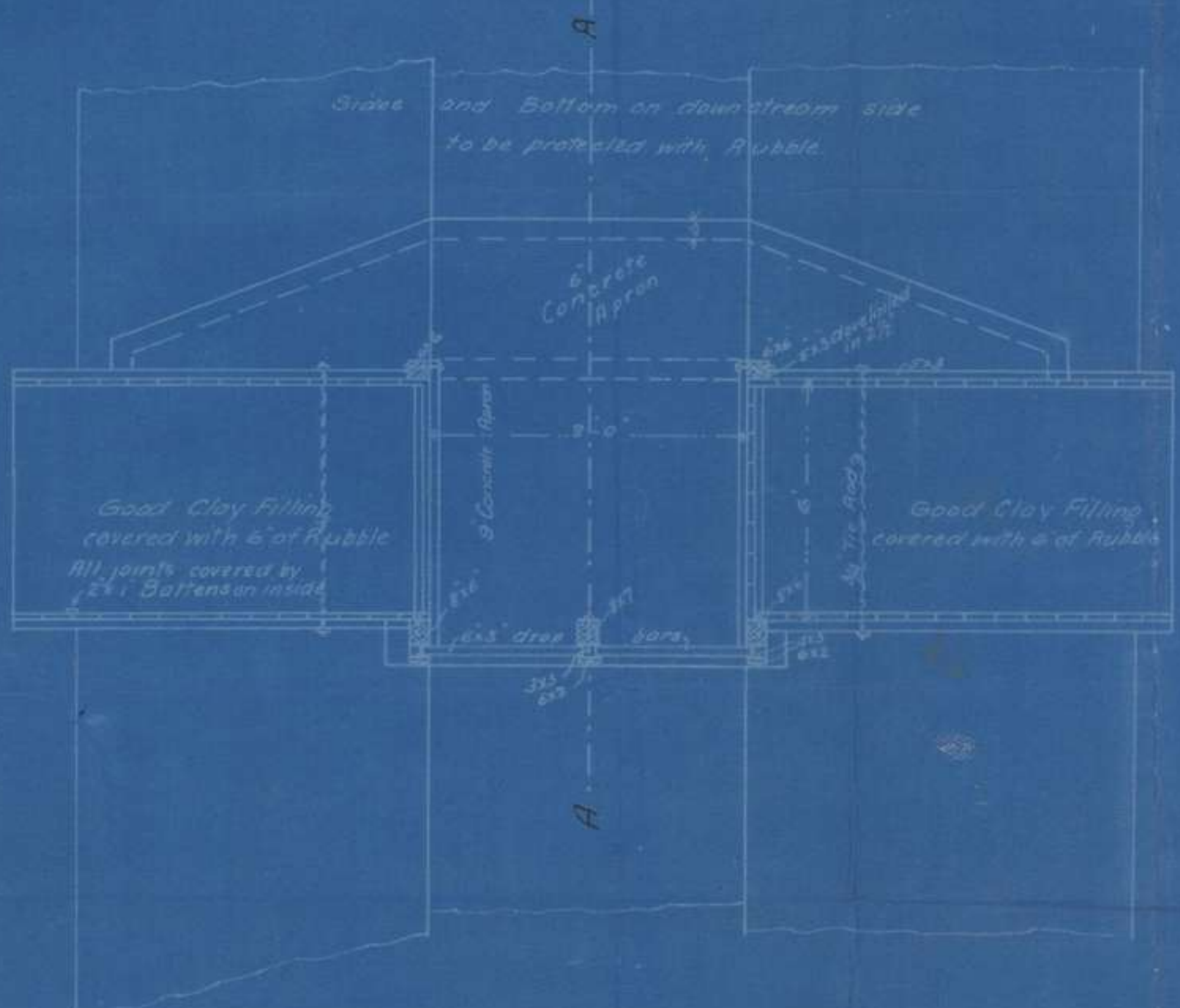
SCALE: 4'-1"



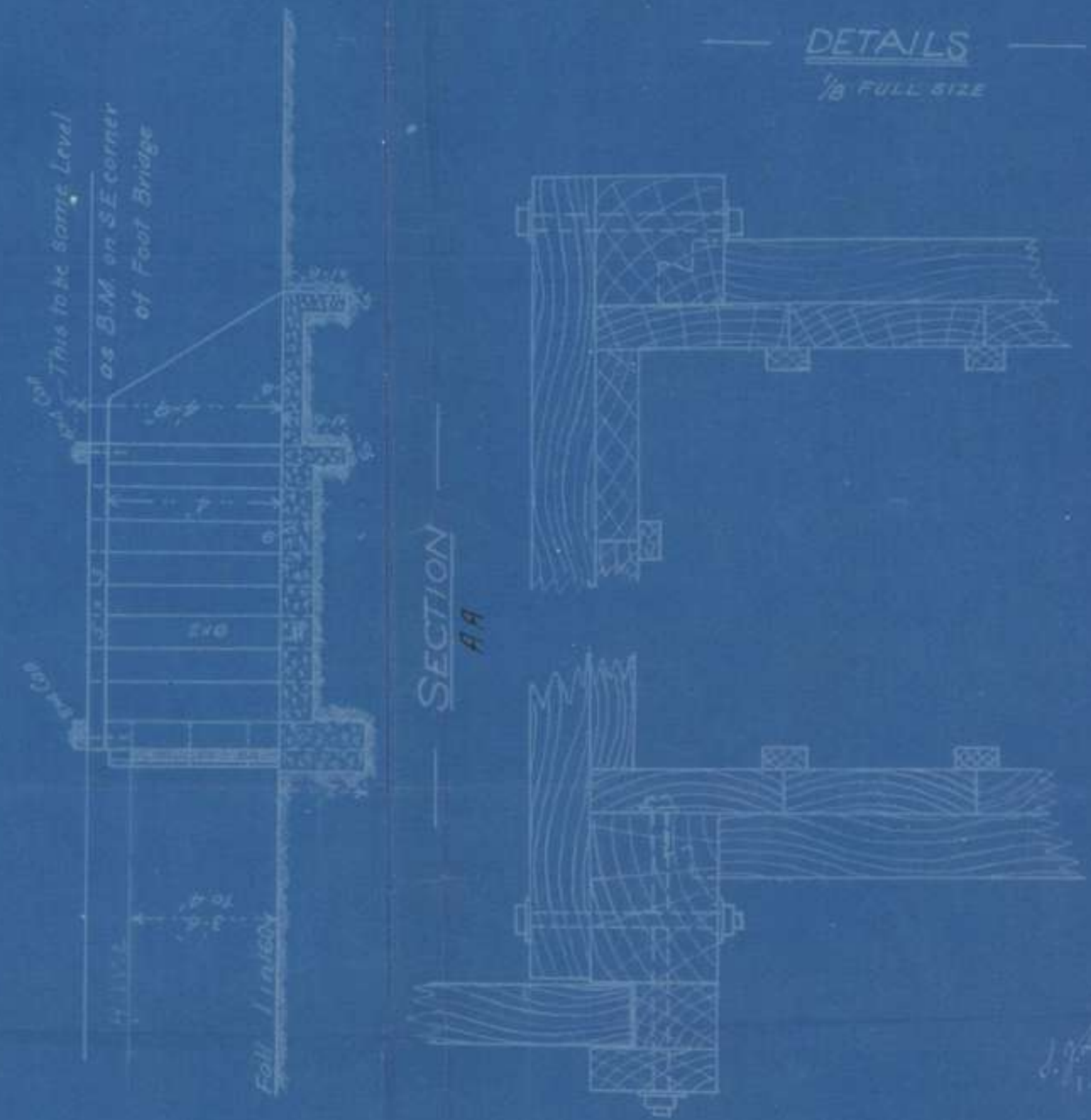
— ELEVATION —
LOOKING DOWN STREAM

— MATERIAL —			Sq. FT
Bottom Sills	8 x 3	1/4"	18
Posts	8 x 6	3/4"	36
"	6 x 6	1/2"	36
Front Cloats	4 x 3	1/4"	8
"	3 x 3	1/4"	8
"	6 x 2	3/4"	12
Sheeting	4 x 2	8/16" 12/16" 15/16" 12/16" 12/16" 16/16" 3	468
Clamp for sheeting	5 x 3	1/2"	72
Battens for	2 x 1	3/16 linear FT	52
Wire	3 x 2	2/16	11
Caps	8 x 4	1/16	27
"	6 x 4	1/4"	18
Drop Bars (Red Pine)	6 x 4	1/4"	24
Post	8 x 7	1/2"	33
Total			896
3/4" Bolts & Nuts	1/2 doz	1/2" 1/2"	
Tie Rods 2 nuts each end	1/2 doz	3/4" 3/4" Threaded 2/2 each end	
Drift Bolt	1/2 doz	1/2"	
Concrete	4 c y		
Cement Portland	1 y		
Sand Coarse	2 y Mixture		
Stone 1/2"	4 y		
Nails	2"		70 lbs

Note - All Timber except the drop bars to be treated before use



— PLAN —



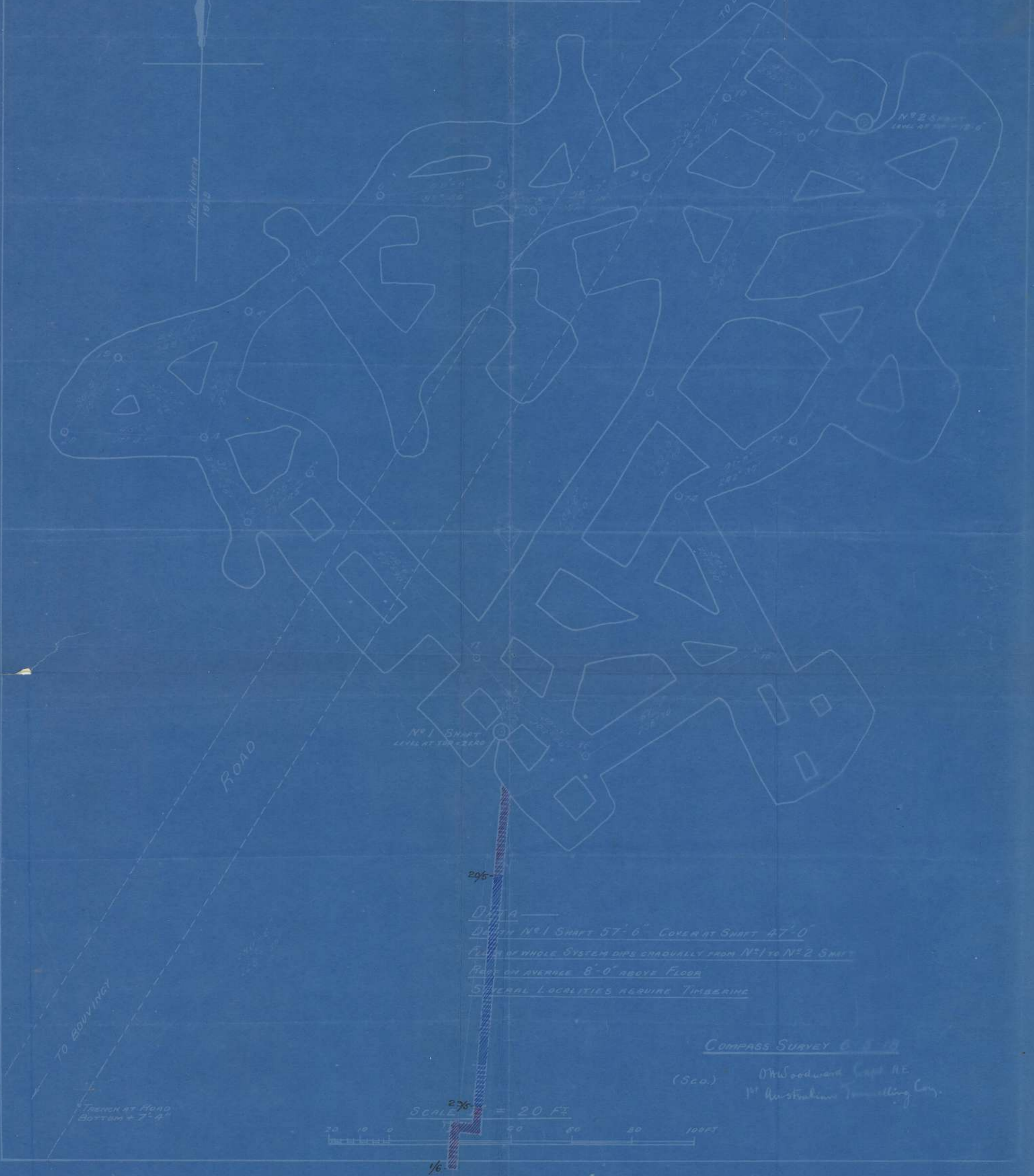
— DETAILS —
1/8 FULL SIZE

1.34
1.6.10.

ME

PLAN OF CAVES

MAP REF. R. 19. a. 20. 70.



Mag. North
1918

TO BOYKIFFLES

N° 2 SHAFT
LEVEL AT 18'-6"

ROAD

N° 1 SHAFT
LEVEL AT TOP OF ROAD

205'

DATA

DEPTH N° 1 SHAFT 57'-0" COVER AT SHAFT 47'-0"

FLOOR OF WHOLE SYSTEM DIPS GRADUALLY FROM N° 1 TO N° 2 SHAFT

FLOOR ON AVERAGE 8'-0" ABOVE FLOOR

SEVERAL LOCALITIES REQUIRING TIMBERING

COMPASS SURVEY 6-3-18

(Sca.) O.W. Woodward Capt. R.E.
1st Australian Tunnelling Coy.

TRENCH AT ROAD
BOTTOM + 7'-4"

SCALE 1" = 20 FT



1/6"

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APPENDIX

11-36

APPENDIX 11.

TIMBER REPORT

MEN EMPLOYED. 6.

Timber Sawn week	ending	5-6-18	10,500	super feet.	
"	"	"	12-6-18	13,000	"
"	"	"	19-6-18	12,000	"
"	"	"	26-6-18	8,000	"

4000 slats for duckboards sawn week ending 5-6-18.
