

No. 18

From Whom

Place

Date

SUBJECT.

5
*Future of the Economic
Gardens*

Outside Cover

Connected Papers.

MINUTES.

No Minutes should be written on this page. A separate half-sheet to
be used if required.

Part of 785/10

From Whom	<i>Col. Secy.</i>
Place	<i>S.</i>
Date	<i>16-12-20</i>

SUBJECT.

BOTANIC GARDEN.	
No.	<i>1013/20</i>
Received	<i>27-12-20</i>
Replied

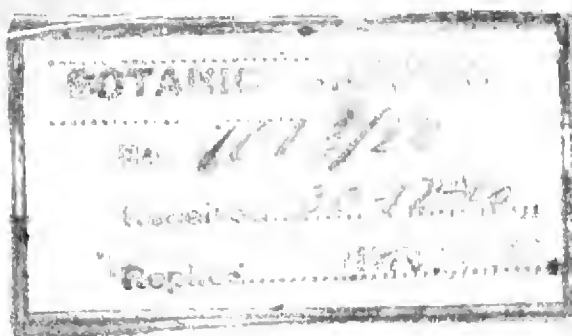
*Requires if he is willing to
be a member of the Committee for deciding
whether the site of the Economic Garden
should be used to provide housing accommodation
or for planting fruit trees & vegetables*

Connected Papers.

MINUTES.

*See also
1020/20*

No Minutes should be written on this page. A separate half-sheet to
be used if required.



Telegraphic Address:—
"SECRETARY, SINGAPORE."

Colonial Secretary's Office.

It is requested that the following number be quoted in the reply to the letter.

No. 12556/1920.

Singapore,

December , 1920.

Sir,

With reference to my letter No. 10249/20 dated 16th December, I am directed to inform you that His Excellency the Governor has been pleased to appoint you to be a member of the Committee referred to therein.

2. The terms of reference are as follows:—

To report

- (a) Whether the Economic Gardens should be used for the production of fruit and vegetables: in view of the recommendation of the Commission on Profiteering in paragraph 177 of their Second Interim Report as follows: "many of the observations with regard to vegetables apply also to fruit but in this case Government should directly assist by establishing a fruit farm for the propagation and selection of improved varieties".
- (b) Whether the site of the Economic Gardens should be used for the erection of houses for Government officers in view of the duty of the Government to provide healthy residences for Government servants who spend most of their lives in the Colony.
- (c) To what other use is any the site of the Economic Gardens should be put.

5. I am to invite attention to the fact that the proposal to use the area of the Economic Gardens for building purposes may not have been laid before the Commission on Profiteering.

I have the honour to be,

Sir,

Your obedient servant,

G. P. H. H.
Acting Colonial Secretary,
Straits Settlements.

I. H. Burkill Esq.,

Singapore.

(2)

(G 17)

(S.)

DRAFT.

Fair Copy signed by

17-12-20

To

SIR,

In reply to your letter no
10249/1920 dated 16 Dec. 1920
I have the honour to
~~say~~ say that I shall be glad
to serve on the Committee
to be appointed to inquire
and make recommendations
whether the site of the
Economic gardens should
be used for sites & provide
~~fruit & vegetable~~ houses or for
fruit & vegetable.

Yours

J. H. S.

O. A. B.



Telegraphic Address:-
"SECRETARY, SINGAPORE."

Colonial Secretary's Office,

It is requested that the following number be quoted in the reply to this letter.

NO. 10249/1920.

Singapore,

December, 1920.

Sir,

I have the honor to inform you that His Excellency the Governor has appointed a Committee to consider all the proposals for the improvement of the Public Gardens and to advise the Government on the most desirable course to be pursued for the improvement of the Public Gardens and to advise the Government on the most desirable course to be pursued for the improvement of the Public Gardens.

It is requested that the Committee should be constituted as follows:-

- The Honourable Mr. F. J. Piatt (Chairman)
- The Honourable Mr. Lim Boon Keng, O.B.E.,
- The Honourable Mr. J. Lennie
- Mr. I. H. Burkill
- Mr. A. W. Still

✓

I am, Sir,

Yours faithfully,

Yours obedient servant,

Acting Colonial Secretary,
Straits Settlements.

I. H. Burkill Esq.,

SINGAPORE.

From Whom	<i>D. of 5</i>
Place	<i>1.</i>
Date	<i>25-4-21</i>

SUBJECT.

B.S. 487/21

*Future of the Economic
Gardens*

Connected Papers.

MINUTES.

1. Letter from C.S. 26/7/21

*Garden Committee
For information*

4.8.21 M. Sweeney

Seen

E. W. C.

27/8/21

Seen

*Club house
26/8/21*

W. W. C.

27/8

*M. W. C.
27/8/21*

*V. J. C.
29/9/21*

*Seen
J. W. C.
29.8.21*

③ Memo on the
arrangement of the division
land before the Committee
on 14th
order. Please for a decision
by

On 25.11.1921 I gave
evidence before Mr. Park &
Captain Richard as to
my needs. A. M. M. M.
29.11.21
C. E.

Referred.

G. E. F. Pelly
7.3.21

et.

The question as to the
disposal of the Economic
Gardens is a very vexed one
& has been under the consideration
of Govt. for some time.
Under 10249/20 the Committee
appointed by H. E. the Governor
in 1920 to consider the whole
matter in reply to question (b)

in their terms of reference,
as to whether the Gardens
should be used for official
residences, stated "If part of
Hyrall Estate is acquired
the high land of Economic
Gardens, subject to small
temporary reservations, should
be made available at once
for building of official residences,
while after raising its level
the land with frontage to
Puket Street Road could be
used for building purposes".
The Committee further stated
that they were strongly of
opinion that in view of the
expansion of business the
present area of the Botanical
Gardens, considered simply for
the point of view of an open
space was much too small
& the extension of the Gardens
over the area of the Economic
Gardens had been contemplated.
2. Whether the area of the
Economic Gardens is to be
utilized for extending the
Botanical Gardens or for

No Minutes should be written on this page. A separate half-sheet to
be used if required.

building purposes. The general question of the Economic
Garden appears to be if land Garden with which this
can be obtained for its present paper deals is bound up
it should no longer be for the present with the
retained for its present use quarters of the Koffler College
& as the L. of S. in his letter note and I think that the
suggested (Koffler) notes that papers might be collected
for experimental purposes temporarily to pp. ~~submit~~
need not be in keeping dealing with the proposed
scheme which has it but that the Economic Garden
fruit should and inferior should be the site of the
and I am inclined to think Koffler College. If it is
when funds are available decided that the Economic
the Economic Garden or part of it is
should be transferred to me to be site of Koffler College
of the other Settlement's property some of the proposals dealt
to Province Ministry with in this. This matter
to its proceeding to Punjab. involved both of papers
11. H. P. Kumar will be finally disposed
1. 1. 11 if a piece of the Correspondence
P. A. C. S. (2) is attached.

Submitted. A letter 10. 8. 1944
has recently been received 13/8/44
from Dr. Warlock reporting P. A. C. S.
that the Koffler College. Herewith typed pieces
Committee have chosen the 2. The early pp. are in rather
Economic Garden as the a confused state & so many
site of the Koffler College points are discussed on a
and asking that this site single paper that it is not
may be approved. The easy to make it clear on

a piece. I think however settled. It may be noted now
that the only former paper he sent to the D. of S. letter
which matter now is 10429, dated 25/10/21 (1) referring
containing D. of S. letter ²⁰ him of this decision.

dated 11-10-20 on the complete
utilization of the Economic
Garden & the report of the
Committee appointed to enquire
into the matter. U.S. E. J. Williams
20/11/21
U.S. Draft suitable ref
U.S. J. H. Haddley
2/12/21

3. Memo 5470/21 reporting
that Raffles College Committee
have decided that the
Economic Garden would
be the best site. Land 1186. College is to be built in
dealing with the suggested the Economic Garden but
site at Mount Road & the lay-out has not yet
connected prop. on the subject been settled & the question
of Raffles College are now of the area to be given
attached to this paper. U.S. Raffles College will not

U.S. E. J. Williams be decided until that has
22/11/22 been done I do not see how
U.S. the site for these new
quarters & boiler house can
be decided on until the

It has not been
been decided in 5470/21
That the Economic Garden layout of Raffles College
is to be the site of Raffles has been settled though
College, the question of the enough land should be
exact area to be allotted reserved for site for necessary
to the College to stand over quarters for the Garden's staff.
until the lay-out has been I have spoken to Mr. Thomas

About this; & he tells me that these works could hardly be completed by the end of the year even if they were started now & that a resolve will probably be necessary in any case.

In that case a little delay will not matter much & the sites for the new quarters and the lay-out of the new college might be settled at the same time.

2. Now that the Economic Garden is to be given to Raffles College, it is possible that these quarters & lines may not be required sufficient? As the Economic Garden or part of it is to be given to Raffles College the number of Watchmen & Coolies employed there would be reduced.

W. E. T. Williams
26/1/22

Yes please as in your last year: Until the lay out is settled we do not know what provision will exist for quarters

W. E. T. Williams
27/1/22

D. of S.

Now that it has been decided that the Economic Garden is to be the site of the new Raffles College are the quarters & Coolie lines referred to by C.S. in (4) required? If they are required, will not smaller quarters & lines than were

originally estimated for be sufficient? As the Economic Garden or part of it is to be given to Raffles College the number of Watchmen & Coolies employed there would be reduced.

W. E. T. Williams
27/1/22
C.S.

In any case new lines are required. There are lines for Linn's & they are

required for 2 reasons:-

1) The existing line are such as would not be tolerated in an estate

2) they are placed ^{unusually} in the grounds which will be wanted for the College.

With the Economic garden cut off smaller lines will suffice.

But it is necessary that the area of the Economic Garden wanted

for the College & the area to be left with the Garden be decided early as we

can do nothing, nothing ^{able} to do ~~able~~ later.

2. As to the Ant. Curator's quarters, since his work is in ^{suppose} permanent no economic

Garden policy unless the need that he is in of having a roof

- Mr. J.H. Marshall
18/11
U.S.

In view of the above ^{maintain} the buildings,

mentioned by C.G. in (4) will have to stand over until the site for Keffler College has been fixed

& the area to be required to the College decided on?

This will take some little time & it seems unlikely that the buildings will be

able to be started much before the end of the year. C.G. would be informed accordingly?

Mr. E.T. Williams
9/11/12
Yes

Mr. J.M. Baddley
10/11/12
C.S.

Noted.
Curator's plan of land sent to Chairman of Keffler College Committee

some time ago. I shall be glad to learn if any decision has been come to in regard to the fifth

para. of his letter of 2/11/12 in date: 29/11/12.

U.S.
C.G. may be informed

Minute paper No.

Sheet No.

That 5970/21 will be sent to him when a decision has been arrived at? It will lead to a hopeless muddle if we deal with the site on the building of Raffles College on this paper. is being dealt with on 5970/21 + will ~~not~~ probably not be completed ~~for~~ for some time. In the meantime Dr. Winstedt might be asked whether he could indicate sites for

Mr. E. J. Williams (1) House of Ant. Cantor Parks

24/8/21 (2) Watchman's lines

I agree. Avoid a muddle at all cost. (3) lines for Tami's which could not in any way interfere with the site of the Raffles College?

Mr. F. M. B. 20/8/21

C.S. 5970/21 will be sent to you when a decision on that paper has been arrived at. I cannot see how the question of Raffles College site affects the filling of the Cluny Lake.

Mr. E. J. Williams 15/9/21

Mr. E. J. Williams

25/8/21

Yes.

F. M. B.

15/9/21

C.S. Seen

Mr. J. W. H. Park

26/8/21

Dr. Winstedt

Referred.

M.S.

Mr. E. J. Williams

16/9/21

Submitted. The lay out of the Raffles College

C.S.

I have discussed

this with Mr Sautry, our
Architectural expert who is
taking a lot of pains to
help the Committee & I have about
been over the ground with
Mr Parkell. I think there
is no chance of their views
conceding.

2. The first requisite is a
contour plan of the whole
Botanical Garden: at
present we have such
a plan only ~~of the~~

Mr Sautry offers to get
this done at once gratis
but I think ^{perhaps} the P.W.D.
should do it. It is a very
urgent matter if we are to
start building soon.

3) I suggest that the
Chief Engineer & Capt.
Richards (the two planning
experts) be appointed a
Committee to take the evidence
of Mr Parkell & Sautry
& decide the position of the
lines etc. If possible they
should be near the lines
of the College Coolies.

4. I would ask that
early action be taken as my
Committee is anxious to decide
about buildings now.
Mr R.C. Winstall
21/10/21

Dr. Winstall's minute
above I will ask C.E. to get
[A] done & will arrange for
(C. if you agree
Juttal. 7.10.13.
23-10-21

I agree
Mr F.S. James
24/10/21

C.E. C.S.
Please see Dr. Winstall's
minute of 21-10-21 & C.S. minute
of 24-10-21 - will you please give
instructions for the required
plan to be ~~for~~ prepared &
return this paper early.
Mr E. J. Williams
24-10-21

C.S.
Instructions have already
been given for this plan to be prepared.
Mr H.V. James
25-10-21

U.S.

C.S.

The plan is being prepared.

Yes

2. Ask C.E. & Capt. Richards
[Through P.M.C., whether they
will form a Committee as
suggested by Dr. Wainwright?

Intld. J.W.H.P.

27-10-21

Letter from P.M.C. 27-10-21

U.S.

Intld. E.J.W.

The C.E. & Capt. Richards

agree to form the proposed
Committee. C.E. might be
asked to arrange direct with
Capt. Richards & Messrs Purhill
& Sastry? That will be quicker

Yes

Intld. J.W.H.P.

~~Intld.~~ 25/10/21

U.S.

Letter to P.M.C. for
signature. When it has been to go through this office the
~~and~~ and the paper can go paper can be sent to Dr.
to C.E. whether he can't Wainwright & Messrs Purhill & me.
to act on the Committee

Intld. E.J.W.

Intld. E.J.W.

~~Intld.~~

~~Intld.~~

Yes

Letter to P.M.C. 20-10-21

Intld. J.W.H.P.

C.E.

~~Intld.~~

Please see para: 3 of C.E.

Dr. Wainwright's minute of 24-10-21

Will you please do so?

& C.E.'s minute of 29-10-21. Will

This paper will be sent to

you consent to form the proposed Messrs Purhill & Dr. Wainwright
Committee with Capt. Richards? as soon as you return it.

Ad. E.J. Williams

Ad. E.J. Williams

C.S.

Committee?

Yes. Mr. Sauter, left for 2. Mr. Sauter, has gone to
Hingham & will not be back Hingham & the Cantors plan
for some weeks. I will deal with the matter on his return
is not ready, so the meeting
will not be held for some
little time

Mr. J.W. H. Parks

29/10/21

Mr. E. J. W.

Dr. Winkell

4/11/21

D. of B.

To see

Mr. E. J. Williams

21/10/21

Your para: 1 has objection
who is doing the Cantors plan
& why is it necessary to wait
for Mr. Sauter, I see no
reason.

Mr. J. M. B.

5/11/21

C.S.

Noted. I think perhaps

should be present at the
meeting & in case I may be
wanted as a witness?

It cannot take place till the Cantors plan is ready.

2. The P. W. D. are preparing
the Cantors plan - please see
D. C. E. minute of 25-10-21

Mr. R. B. Winkell

21/10/21

2. The Committee has to take
Mr. Sauter's evidence. He &
Mr. Parkhill cannot agree
about the rules & the Committee
is to decide the question. Please
see Mr. Winkell's minute of
21-10-21

C.S.

Noted.

Mr. J. H. Parkhill

2/11-21

C.S.

There will be no
objection to Mr. Winkell being
present at the meeting of the

Mr. E. J. W.

7/11/21

Minute paper No.

Sheet No.

Ask P. W. D. to expedite a week to ten days longer.
The plan & enquire when Mr. Sautry is due back. W. J. M. H. Park
10-11-21

Dated. F. M. B. U.S.

7-11-21

Dr. Wristedt

Submitted for your information. Mr Sautry will

Plan see minute of he back before the plan is ready. C. G. will be

2. Can you say when Mr. Sautry is due back? as soon as the plan is

Mr. E. J. Williams finished

8/11/22

Dated. E. J. W.

W.

In a week's time. Seen. Mr Sautry is

Mr. P. Wristedt back. I saw him

8/11/22 to-day (or thought I did)

C. G.

Can you say please when the plan will be ready? Mr. Sautry will be back in a C. G.

Dated. F. M. B.

14-11-21

week but the meeting cannot take place till the plan is arrange for the Committee ready. Will you please to meet as soon as possible

Mr. E. J. Williams after the plan is ready.

9/11/22

Dr. Wristedt wishes to be present at the meeting

W.

The plan will take

Mr. E. J. Williams

15/11/22

C.S.

Capt. Richards and myself met Messrs Parkhill & Sautry at the Botanic Gardens on the 25th November. Mr Winstedt was unable to be present owing to illness.

After discussing the matter with Messrs Parkhill & Sautry, we visited the economic Gardens and the site of the proposed Raffles College.

It was agreed by Capt. Richards & myself that owing to the configuration of the ground the area coloured pink on the enclosed plan might without disadvantage to Raffles College be reserved for the use of the Botanic Gardens and that lines for Tamil coolies employed in the Gardens should be erected on the site marked in blue.

The existing Tamil coolie lines should be

abandoned so far as they interfere with the buildings of the College but the quarters for the Clerk & overseers, the store office & small coolie lines near Picket Finch Road can remain where they are until the College is nearly completed when they can be removed to other sites on the lower ground near Picket Finch Road as it is clear

all the low land will not be required by the College. These sites can be selected later.

M. J. H. W. Park

24-12-21

Hon C.S.

I agree

M. Capt Richards

24-12-21

H.S.

Please see comments above the report of the Committee on the road question of sites for coolie lines

etc. to be reserved for the use of the I. of S. as Dr. Winstedl was ill, he was not present at the meeting.

sd: R. C. S.
19-12-11

Dr. Winstedl & I please see the Committee's report. Have you any comments to make

sd: F. M. Paddy
29-12-11

cs.

I have been over the ground & consider the recommendations of the Committee satisfactory.

sd: R. Winstedl Lenth I would recommend that an old proposal be

I trust the removal put upon paper, which is of the existing family coal lines can be done ^{away} at an early date.

cs.

I have no criticism to make

The suggestion is an old one of mine that the dividing line should (in 5:41/19) as per Park & Capt. Richard suggest.

It is now necessary for the College Committee to come to an understanding with me as to the ~~prog~~ progress of their taking over.

It cannot be in one lump. I must be given time to excavate gradually.

Let them put up a statement of what ~~land~~ they want first, please. Further over the boundary be marked please.

sd: R. Winstedl Lenth I would recommend that an old proposal be put upon paper, which is that Kerwin Road be carried through to Cherry Road along the boundary, the earth from the cutting would then be used for the filling of the Cherry Lake

and the College ~~cut~~^{cut} off above dated 6-1-22. Will
definitely from my list. you please refer the matter

You will realize that the making of a direct
roadway from the top of Orchard Road to Cherry
Road Station would be a great municipal ~~at~~ need be referred to the
& that it ~~only~~ ^{only} needs Committee
That the bit of road be made. A former landowner of the hill part of the
in ~~Supper~~ ^{Supper} tried to get Economic Gardens, the
it made, not I fear for part shown in the enclosed
municipal purposes, but plan will be required
to enhance the value of his first & then the top of the
property which it would leave served.

W. R. W. Frost
12-1-22

I do not think this
2. Obviously all the sides
3. Nothing more definite
can be said till plans are
drawn up & passed.

Mr. J. H. Pughell
6-1-22

4. The Road the D. of S.
Please see Dr. Wintell's suggests would rise 50
& Mr. Pughell's minutes ~~or~~ feet in a very short
above. Refer to College distance & be extremely
Committee as in D. of S. expensive, I imagine -
minutes. Raffle's College has no
funds for it.

W. R. W. Frost
14-1-22

Dr. Wintell
Please see minutes

D. of S.

Please see minute above at present. Slopes of the hill from the College people

Mr. R. W. ... will first & then the top.

16-1-22 I am sure they will

C.S.

let you know as soon as anything definite is

The Raffle College Committee or some settled.

one ore for them must be made to put up a

Mr. F. M. Paddy

19-1-22

statement of what land C.S.

they want first first.

I am very

Mr. J. H. Purkell disappointed. - hills & tops

W.S.

17-1-22 are vague words when one is dealing with a low one:

Please see above & it would have been no minutes. In view of para: 3 easy to specific areas of minute of 14-1-22 with the map for me.

I am afraid the D. of S.

Mr. J. H. Purkell

will have to wait &

20-1-22

unless we try & press the W.S.

Committee for the statement

I think we must

the D. of S. Wants.

now refer this paper to C.S.

Mr. R. W. S. with regard to the building

18-1-22 of new cooler ^{lines} which I

D. of S.

presume must be erected

I do not before the existing ones are

think more can be expected the slopes of the hill can

be abandoned.

Intd R.W.S.

23-1-22

Yes.

Something definite should be told Mrs Purhill if possible.

Intd. 7.4.22

23-1-22

C.G.

Please see accounts above. Can anything definite be told Mrs Purhill.

Intd. R.W.S. Intd.

23-1-22

C.G.

Obviously we can say nothing definite. The plan will go to competition & each architect will have his own views. I think however Mrs Purhill may take it from me the portion I have marked round in red pencil will be required first. If as I expect he writes some thing to govern his cultivation may have to

some guide.

I do not expect to see building started within one year or ploughing fields within three. Indeed Govt. might tie the hands of the Co. to some extent in regard to the latter to assist Mrs Purhill (2) & will have boundary laid off & Colic lines designed & estimates submitted

Intd. J.M. Park

26/1/22

Please see C.G.'s minute above. The D. of S. will have to be satisfied with the information therein.

Intd. R.W.S.

24-1-22

D. of S.

To see.

Intd. J.M. Purhill.

24-1.

A subcommittee of the Parkin Committee met this morning to discuss also

Minute paper No.

Sheet No.

in the books to be left in Estimates 1921 + 1922 for
 with the Gardens, + will Assistant Curator's quarters
 meet again when various 2. How would your
 figures have been worked proposals be affected if the
 out, + final recommendations Economic Gardens were
 are possible. transferred out of Singapore?

Meanwhile the plan for would not some of the
 This file is with the C.S. Clerks, foremen + Coolies be
 Mr. J.H. Parkhill transferred also?

8.3.22.

Mr. S. J. Muller
4/6/22

x x x x x x x x x x x x

D. of S.

C.S.

Please say when the (1) Item 19 p. 127
 figures referred to in (8) are \$33500 -
 likely to be ready. (2) One foreman Gardens

Mr. S. J. Muller, less to be housed if Jock

8/6/22 Heger used. No provision

C.S.

has been made in these
 places for Economic ^{Garden} Coolies.

Early.

The P. W. D. have
 got their estimates nearly
 ready.

Mr. J.H. Parkhill

12.6.21

C.S.

Mr. J.H. Parkhill

9.3.22

x x x x x x x x

D. of S.

Submitted - i the cost
 of building elsewhere buildings
 to state the place of those
 surrendered to the Raffles College

Ref. (9) please quote item (C.S. Gardens)

ii. the cost of excavating sites to be used for building the Raffles College Committee + the soil excavated for filling + if the building of the in the Clay Lake - cost College is postponed the approved by P.W.D. Small coolies will not be

St. A. J. Guller unbound on the Clerk
13-7-22 nor two former.

D. of S. St. J. H. Parkhill

Please state shortly the duties of the Asst. Curator of Parks + (2) the items in your list which should be carried out in 1923.

17-6-22

St. J. Parrie C.S. I should think the Curator of Parks could find it more convenient if he had quarters in Govt. House Domain.

C.S. (1) Executive Charge of Govt. House grounds + all other similar work under the D. of S. outside the limit of the Bot. Gardens. The cost of quarters for subordinates seems very high.

St. J. Parrie
14-6-22

The duties were defined when the appointment was created in 1919 + will be found in your records. That is hardly a matter on which I can express a reliable opinion. I should be sorry to see lower class

(2) I do not quite understand. All are wanted in 1923, otherwise I would have left them out of my request. But of course (2) I hardly think the cost is high although as a

St. J. Parrie
19-6-22

5th class quarters it may be clear not being semi-detached or terrace

at 1/2000

C.S.

I was referring to the cost of the sub-warden quarters particularly 213

C.S.

I have checked these estimates

Item (2) provides for these quarters for officers on the following salaries:-

- Clerk - \$1200 - 1600
- H. Ant. - 1200 - 2400
- Jr. Ant. - 720 - 2400

The accommodation in the quarters will be considerably less than provided in the Clerk's quarters Market Street & Penning Lane

2. Item (3) provides for

718/17

quarters of one room each with veranda back front kitchen & the usual office.

Building one veranda the estimate can be reduced to \$4300.

3. I do not consider any further reduction can be made in these estimates if quarters of the usual type of construction are to be provided

at H. B. Jones 6-9-22

Submitted. These proposals are made partly to provide quarters for the Post Office staff and partly to provide for the subordinate staff. In his minute of 24-12-21 the C.S. has stated that a number of buildings can remain where they are until the College is nearly completed that is until after 1922 at a

note.

2. With regard to the Ant. Curator, the Releasement Committee were strongly of opinion that there was a great deal of work connected with the upkeep of S. House grounds & that it would pay to have some one in charge practically continuously. I suggest that a site be found in the grounds for the Ant. Curator who would be attached to the Ent. House staff.

3. With regard to the other items, the C.B. & S. of S. should state definitely what ought to be provided in 1923.

Mild. J.L.
5-7-22

Will you please have the plan put back referred to in C.B.'s name of 26-12-21

Mild. J.L.B.
10-7-21

C.E.

The plan is ~~shown~~ stated to be with you. Please ~~enclose~~ ^{enclose} it.

Sd. J.Lornie
10.7.22

C.S.

Plan enclosed.

Sd. H.V.Towner
13.7.22

C.E.

I understand the plan enclosed has been modified. Please supply copy of the revised plan, and say what provision should be made in next year's estimates for essential requirements.

I understand item 2 in 9 to be three married quarters and item 3 to be six single men's quarters

Please say if this is correct.

Sd. J.Lornie
17.7.22

C.S.

Yes please see tracing enclosed (10) which shows the lay out as finally agreed.

Nos. 3, 4, 5, 6, and 7 should go on next years estimates. Also the items for excavations i and ii unless you are prepared to ask for the money at once. It would greatly assist

Minute paper No.

Sheet No.

this department to get on with this work at once.

European quarters.

Sd. J. Lornie

Item 2 can wait until 1924.

19.7.22

Item 1 can wait I consider for the moment as the D. of G. has three houses for 4 people one of whom is a bachelor and another not yet in the Colony.

I should like to see Mr. Barkill on Monday next at noon with you about this paper and the ~~MEMO~~ paper about removal of the Economic Garden.

Yes figures were transposed due to an error in this office.

Sd. F. M. Baddeley
20.7.22

Sd. J. H. W. Park

D. of G.

18.7.22

Please note.

C.S.

Sd. J. Lornie
20.7.22

There is considerable difference in the new site plan which appears to be an improvement. The C.E. desires items 3-7 to go into the 1923 estimates and this may be approved?

C.S.

After seeing you, I understand ~~the~~

2. Items i, ii, are works proposed by the Anti mosquito Committee or rather are required to provide filling for Anti-Mosquito work and I see no reason why they should not be taken in hand at once out of the \$50000 controlled by Dr. Brooke.

this to be the position:-
No. 1 Quarters for Asst. ~~Curator~~ Curator Parks provision \$15000 to go forward, but site to be determined yet. X
No. 2 Quarters for 3, to stand over until 1923 as the three subordinates occupying the three quarters in the Economic Gardens near the Office, will not be disturbed in the next twelve months.
No. 3 Quarters for 6 provision ~~MEMO~~ of \$5680 for them to go forward these being needed early for men who cannot be housed without

The C.E. considers that items 1 and 2 may stand over.

4. I should think the Dalvey road frontage should provide sites for 2

land.

Item 1
No. 4 Quarters for married coolies
provision ~~of~~ of \$4308 for them to go
forward.

No. 5 Quarters for unmarried land provision of
\$3043 for them to go forward

No. 6 Quarters for watchmen (bindus)
provision of \$2086 for them to go
forward.

No. 7 Quarters for 2 Chinese kebans
provision for them \$250 to go
forward.

No. 8 Excavation and the filling
of the Cluny Lake, not to go for-
ward for next years budget, but to be
done in this year from the \$60000
for Anti-mosquito work lying with Dr.
Brooke.

Sd. I.H. Burkall
24.7.22

rs.

For any comments.
Hild. F. M. B.
26.7.22

rs.

Mr. Burkall's minutes
correctly representing what was
agreed upon & items 1-8 & 7
should be entered permanently

in next year's estimate.
2. As soon as this is done
the question of the excavation
& filling of Cluny Lake should
be taken in hand.
Hild. J. F.
26.7.22

Yes.

Hild. F. M. B.
27.7.22

x x x x x x

- C.S.

D. of S.

Please note
W. J. Lorne
24.7.22

- C.S.

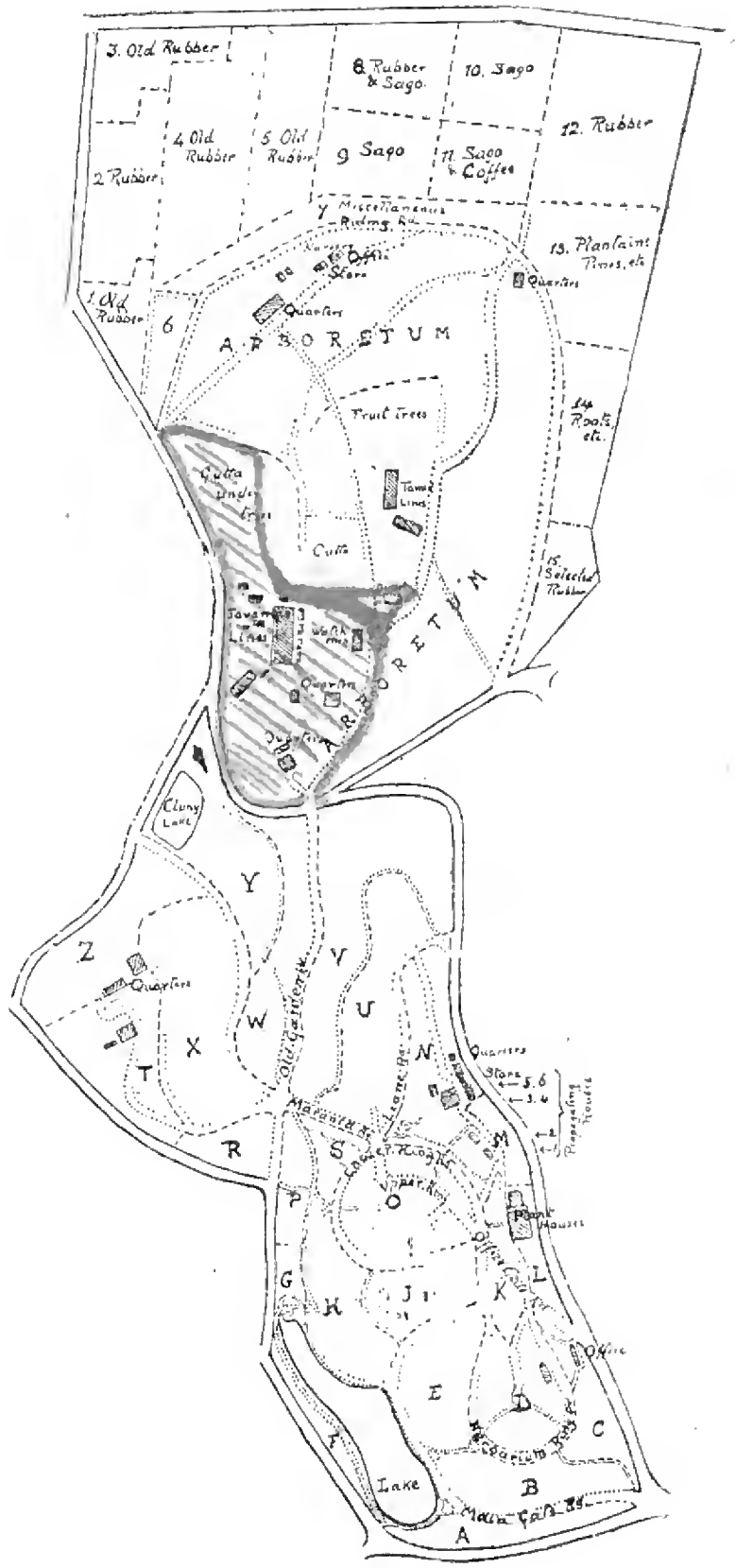
Noted

W. J. W. B. Park
2-8-22

- C.S.

Noted

Sd. J.H. Burkall
24-8-22



FIG/17



Duplicate

It is requested that the following number be quoted in the reply to this letter.

No. 369/22

Botanic Gardens, Singapore,
STRAITS SETTLEMENTS,

1st. June 1922.

Sir,

In continuation of my letter No. 369/22 dated 27th. March 1922 (Your file Gardens 4240/22) I have the honour to submit to you an estimate from the Colonial Engineer of the cost of erecting quarters for the Assistant Curator Parks and to replace those to be surrendered to the Raffles Memorial College as follows:-

1. Quarters for Assistant Curator Class V	\$15000	
2. Malay Quarters Block I (6 persons)	14515	
3. Malay Quarters " 2 (3 ")	5680	
4. Tamil Quarters " 1 (10 ")	4308	
5. Tamil Quarters " 2 (30 ")	6848	
6. Watchmens' Quarters (5 persons)	2026	
7. Chinese Quarters (2 persons)	880	
		<u>\$49257</u>
i. Add cost of excavation to give necessary area for each block	\$3158	
ii. Additional cost of excavation to provide 180000 cubic feet of earth for filling pond	<u>2842</u>	<u>6000</u>
		<u>\$55257</u>

2. The quarters of the Assistant Curator Parks, item I were in the 1921 budget estimates but building was held up by my inability to get the Raffles Memorial College Committee to come to ^a decision where our mutual boundary ^{should} lie. The decision was reached on December 30th. of last year. The new estimate shows a considerable

reduction.

3. The quarters for staff items 2 and 3 are for clerks and foremen and the quarters for family coolies who will be without roofs when the Memorial College building commences.

4. The quarters for watchmen are to replace the hindu lines which have been medically condemned as unfit for use (letter from Port Health Officer dated 23rd, December 1921)

5. The quarters for two Chinese kebuns are an essential as at present my men live over two miles from their work and it is impossible to get them to it regularly at 6 a.m.

6. The excavations for sites is designed to furnish filling for the Cluny Lake. For the filling of this the Anti-mosquito Committee made ~~request~~ request in 1920 as you are aware.

7. The Honourable the Colonial Engineer asks if provision can be made in this current year by a special vote for the excavation work. This course I urge, as the filling of the Cluny Lake has been delayed though urgent and as it is desirable, the decisions have been made to have the sites prepared for building in 1923 that we may be ready to hand over the Economic Gardens to the Raffles Memorial Committee.

8. The other items should please be inserted into the Budget Estimates for 1923.

I have the honour to be,

Sir,

Your obedient Servant,

J. J. J.
Director of Gardens

The Honourable the
Colonial Secretary

Singapore

369/22

27th. March

(1) 2

Sir,

I have the honour *to* with reference to your Circular No. 5 saying that proposals regarding special votes for the year 1923 must be asked for before March 31st. 1922, to ~~state~~ ^{state} that Estimates for the Gardens lines and quarters required as replacements on handing over the Economic Gardens to the Raffles Memorial Committee cannot be with you by that date; but to ask that when ready you will consider them. You have already been informed of the need in you file C.S.O. Gardens 4240/21.

I have the honour to be,

Sir,

Your obedient Servant,

S. S.
Director of Gardens

The Honourable the
Colonial Secretary
Singapore



4

It is requested that the following number be quoted in the reply to this letter.

No. 487/2I

Botanic Gardens, Singapore,
STRAITS SETTLEMENTS.

12th. September, 1921.

Sir,

I have the honour to state that your letter No. 4240/2I dated 26th. July 1921 was before the Gardens' Committee at their meeting on Friday September the 9th. In that ~~my~~ letter you say that the lay-out of the New Raffles College in the Economic Garden will be settled as soon as possible and further that until then you cannot decide how much land will be left available for other purposes, other purposes in this case meaning to my Committee the housing of the Gardens' staff.

2. I was instructed by the Committee to press again for an early decision and to explain the reasons.

3. There are 102 acres in the Economic Garden, and it appears as if only very expansive ideas as to the College could demand the whole of them, considering for instance, that the Tokyo university covers but ~~seven~~ ^{eighty five} acres, and ~~is~~ ^{therefore} an area equal to the Tokyo University's would ~~have~~ ^{have} more land than I have asked for. I have asked for land contiguous to the Gardens which is already dotted with Gardens' houses.

4. The first reason for pressing for a decision is that ~~until~~ until the decision is reached the Public Works Department is tied in inaction as to

1) the building of a house for the Assistant Curator

*There was less than the College
to be done more possible than
and this being so it
this Tokyo University, it
would have been possible
to arrive at a
decision before the
lay out is complete.*

a decision is that until the decision is reached the Public Works Department is tied in inaction as to

- 1) the building of a house for the Assistant Curator Parks,
- 2) the rebuilding of the Watchmen's lines
- 3) the building of lines for tamils being items 19 and 23 on page 127 of the Estimates and 7 on p. 124, and also (4) as to the filling of the Cluny Lake - a measure demanded by the Antimalarial Committee. The second reason is that my ~~preparations~~ preparations have to be made to transfer the work of the economic garden elsewhere, and it is desirable that I should know what trees in the Gardens can be saved.

5. ^{The above named} ~~I have called~~ the Public Works ^{should be considered} ~~under the~~ ^{as} ~~first reason~~ ^{looks} urgent, because (1) the Assistant Curator, Parks, has only ^{been accommodated} ~~be accumulated~~ here by the kindness of a married officer on the ^{staff} ~~staff~~ who took him into his house, that the watchmen's old lines are insanitary, that our ^{Tamil lines} ~~fruit trees~~ are such as the Government would not tolerate on an estate, and that the antimalarial Officers are pressing for something to be done in regard to the Cluny Lake.

I have the honour to be,

Sir,

Your obedient Servant,

Henry Burdett

Director of Gardens

The Honourable the
Colonial Secretary
Singapore

The decision of Government (conveyed in letter 4240/2I dated 26th. July, 1921) to build the Raffles ~~MEMORIAL~~ Memorial College in the Economic Gardens has been communicated to the Gardens Committee together a copy of with my letter 487/2I of April 25th, 1921 to which the Government's letter quoted was the reply.

I had requested that the Government would do two things:-

- (I) would decide at once definitely to leave the corner of the Economic Gardens carrying the Gardens houses with the Gardens, and
 - (II) would decide the fate of the rest of the Gardens within a year.
- The reply does not meet my first request at all.

2. As a consequence of the decision to put the Raffles Memorial College into the Gardens and of the want of any decision in regard to my first request the following works are held up in the Public Works Department:-

a) the building of a house for the Assistant Curator, Parks; sanctioned and budgetted for in item 19 on p. 127 of the Estimates, urged and re-urged by me without any defect; needed when on May 23rd. the Officer in question arrived, and still needed.

b) the rebuilding of Watchmen's quarters, budgetted for in item 23 on p. 127 of the Estimates. The old quarters have been patched at the Gardens expense; but storms souse the men's bedding, and the condition is altogether wrong.

c) the building of lines for 12 single and 10 married tamils budgetted for in item 7 on p. 124 of the Estimates, and very badly needed.

d) The filling of the Cluny Lake, an Anti-malarial measure, for which the Public Works Department were asked to estimate on 16th. December 1920.

Not one of these works is a matter which requires re-consideration because fewer coolies will be required when the Economic Garden is abandoned; and further none of the buildings mentioned in the last paragraph appear to me at all likely to lie in the way of the college and I look upon the Government's postponement of an answer to my request as the result of the Secretariat's want of knowledge of

the Gardens.

3. There is another building which on the other hand will almost certainly be in the way of the College, namely the subordinates' lines.

The rebuilding of this will, if so, have to be faced; and, in re-building, the line should be more extensive so as to accomodate the new Laboratory Assistant and the new Museum Assistant, and an Overseer as well.

4. As I have pointed out elsewhere the Economic Garden besides (1) housing our officers and labour, consists (2) of an experimental ground and (3) of an Arboretum of economic trees planted in grass. The latter is virtually an extension of the Botanic Garden; and so much so that in my report upon the complete utilisation of the Economic Garden I suggested that it be roaded just as the Botanic Garden is. That it is an extension of the Botanic Garden is a view which I put before the Committee which His Excellency appointed last year, to report on the Economic Garden as suitable for building sites, and I represented to them that Greater Singapore would need a greater area to breath in than there is in the Botanic Garden. The Committee adopted my view and recommended that whereas the Economic Garden as land might be used for building, the Gardens on its loss should be compensated by an extension on another side. This extension would naturally serve to hold the economic trees which will be lost to the Garden on the loss of the present site.

5. The services and investigations in progress in the Economic Garden at the present time are:-

a) the supply to the Public of garden stock. On the loss of the Economic ~~XXXX~~ Garden certain trees which supply the seeds and cuttings for this service will be lost, and the service as regards them interrupted, for instance, the Gardens will be unable to send out and Brazilnut seedlings, and Brazil cheery seedlings and Cola seedlings and Tonquin bean seedlings, etc, for a period of years. Against this break I have been able to make some provision by planting a few new trees during the

last few years in area Z. but it is not much, and new land is required for further planting.

b.) the selection of fruit trees, for which purpose 650 trees have been planted mostly during the last few years. The new trees which are young are not yet altogether beyond transplanting. If new land be made available at once the loss on them need not be much more than one years growth due to the heavy cutting back that we shall have to do to move them.

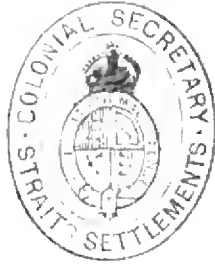
c.) the saving of the valuable trees 27 and 610. For this purpose a grove of seedlings has been raised that they may be grafted with grafts from the good trees and an officer of the Department of Agriculture is in Singapore to do the grafting

d.) a trial of many plants treated as annuals. These are easy to transfer.

e.) the finding of an ideal stock onto which to graft the mangosteen. This work seems certain of interruption as the saving of the collection of Garcinias got together for use appears impossible.

6. With the idea that a removal of the Economic Garden would be forced on me, for some three years I have been seeking alternative sites, but through the settlements I have found what I need only in the Province Wellesley. The land is part of a forest ~~MMMMMM~~ reserve; and as it carries no buildings and the present complete staff of the Economic Garden would need to be removed to it, buildings will have to be ~~MMMMMM~~ erected. As the Government is taking from the Gardens land valued at a high figure, it ought to be generous in starting a new station.

G. G. S.



Telegraphic Address:—
"SECRETARY SINGAPORE."

Colonial Secretary's Office,

It is requested that the following number be quoted in the reply to this letter.

No. 4240/21.

Singapore, 21 July, 1921.

Sir,

Re erection of the New Raffles College
in the Economic Gardens.

With reference to your letter No. 487/21 dated April 25th 1921, on the subject of the future of the Economic Garden, I am directed to inform you that it has been decided to build the New Raffles College in the Economic Garden. The lay-out will be settled as soon as possible but, until that has been done, it cannot be decided how much of the total area of the Garden is to be assigned to the College and how much left available for other purposes.

I have the honour to be,

Sir,

Your obedient servant,

Colonial Secretary,
Straits Settlements.

The Director of Gardens
Straits Settlements,
SINGAPORE.

(2) 00-7/20.)



Botanic Gardens, Singapore,
STRAITS SETTLEMENTS.

It is requested that the following number be quoted in the reply to this letter.

No. 487/21.

25th. April, 1921.

FUTURE OF THE ECONOMIC GARDEN

Sir,

I have the honour to represent to you that until a decision is arrived at regarding the Economic Garden the effectiveness of my department is quite impossible of attainment: and therefore I beg to be allowed to press for a decision.

In this letter I shall refer to the area of the Economic Garden as divided into three :-

- A. the Hill-land occupied by quarters for the Gardens staff,
- B. the Hill land which is under cultivation,
- C. the Low land.

3. History of the discussion. You are aware that the site of the Economic Garden has been suggested for (1) letting to a co-operative building society (2) the building of Government quarters and (3) the Raffles Memorial College. The first suggestion came from the Singapore Housing Commission. The Commission asked on February 13th., 1918 for my evidence upon the value of the land: that evidence I gave partly in writing and partly by word of mouth. In writing I classified the land into Hill-land, 53 acres, and low land 48 acres, and carried the classification further showing that of the hill-land 7 1/2 acres were occupied by buildings. The Commission subsequently visited the Garden and was left in no doubt as to the necessity of the buildings to the ~~the~~

F18/27

Department: yet in their report in haste to find sites for housing they blinded themselves to the absolute necessity of houses for the Gardens staff, and recommended that the whole of divisions A and B be taken from the Gardens for letting as stated above; and that the fate of division C be discussed later.

While debating this the Commission caused the Colonial Engineer to prepare a ground plan of the divisions A and B showing how houses could be fitted in, which plan is doubtless in the Public Works Department's offices, and makes the basis of an alternative proposal ^{equally} damaging to the Gardens Department.

As a result of the Commission's report I was instructed to spend nothing upon the Economic Garden except for upkeep (your letter 8477/18 dated 2nd. December 1918). On December 5th. of the year I addressed you ~~(10766/18)~~ (10766/18) asking for land ~~immediately~~ in substitution for divisions B and C and asked also for the retention by the Gardens of division A: I followed this up with two letters, one of June 5th. 1919 (5541/19) explaining fully the necessity of retaining division A; the Acting Colonial Engineer having agreed to the reasonableness of the area that I had marked off, and giving you the cost of transferring to it quarters which do not happen to be ~~within~~ within it, which cost you sanctioned; and the other of July 1st. 1919 (6147/19) asking for land beyond the Municipal limits in lieu of divisions B and C. Upon this the Legislative Council reversed the orders, and I was told to carry on as formerly. *The vote for transferring the quarters therefore was cancelled.* The Gardens Committee having received ~~this~~ this decision with much satisfaction desired me to draw up plans for the complete utilisation of the ground, which plans I was unable to submit until my return from leave, and you had them by a letter dated October 11th. 1920

(ICP49/20)

✖ — In these plans the boundary between divisions A and B was slightly changed, A being enlarged as a consequence of the attempt to find filling for part of the low ~~ground~~ ground (which proceeding would prepare a new position for the Tamil lines), and because I had to place for lines for the whole present coolie force, instead of a reduced force, an enlargement which however does ~~not~~ ^{but} touch lightly the major ~~points~~ points to be decided. —

✖ — Upon the receipt of my plans, those by the Colonial Engineer, made for houses at the wish of the Singapore Housing Commission, were brought up in the Public Works Department and a Committee was appointed by ~~His~~ His Excellency the Governor to report, which report you have had from the Chairman, Mr. Pigott. The report suggests that if the Economic Garden be abolished Singapore needs that the Gardens Department should have compensating land in another direction: the retention by the Gardens of division ~~A~~ was not considered; being already in buildings, there was no need of debating if it should be converted ~~into~~ into building land. —

✖ — Since then a suggestion, that I believe was once considered and discarded, has been announced in the Press, namely that the Raffles Memorial College should be built upon the Economic Garden site.

✖. What is now requested. The above paragraph 3 gives the history of the discussion to date. I now ask you to divide it into two, and

that you will decide at once definitely that subdivision A. is to remain part of the Gardens, a decision which you cannot, I think, possibly avoid, and

that you will decide the fate of the rest at the latest within a year.

I will give you my reasons for the request.

II. 5.

The case of division A. Division A.

contains ⁽¹⁾ the house of the Assistant Curator, Botanic Gardens and ⁽²⁾ the site selected for the house of the Assistant Curator Parks (who is now ~~leaving~~ leaving England for the Straits), ⁽³⁾ the quarters of a submandor and the condemned ⁽⁴⁾ lines of the Watchmen, the site selected for the ~~new~~ Watchmen's lines, ⁽⁵⁾ the Javanese Cooly lines, and the Field Assistant's quarters: into ⁽⁶⁾ the extension of it, as allowed by my plans is a site ⁽⁷⁾ for the Tamil cooly lines: into it further, if the rest of the Economic Garden be parted with, must come a site ^(8, 9, 10 and 11) for the Clerk's quarters, and the quarters of 2-3 men of the forman-gardener class, who now live as do the Tamil coolies far into the Economic Garden. The length of the list of buildings justifies the area. The need of proceeding at once with the sanctioned house for the Assistant Curator, Parks, together with the need of rehousing the watchmen, justifies my asking for a decision at once. Not a step has been taken yet towards the erection of that house, ~~subsequent~~ subsequent to the providing of the money, and a file received by me from the Colonial Engineer indicates that the Public Works Department is unable to proceed because of the scheme lying with them, ~~to~~ ^{new} for official houses over the whole area of the Economic Garden. A further reason exists in the demand of the Anti-mosquito Committee that the Clury Lake be filled, for which filling earth must be drawn, ^{conveniently,} if drawn from the Division A. And yet another in that the Gardens' Tamil lines are such as the Government would not allow to persist upon an estate, yet has in the Gardens because no decision can be come to upon ~~the~~ the site of new lines until the future of the Economic Garden is determined.

II. 6.

The case of Divisions B. and C. The

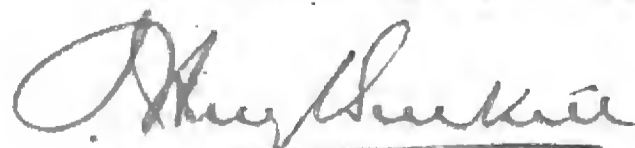
use of Divisions B. and C. is given in my note upon the complete utilisation of the Economic Garden (II249/20) the Department further holds the land in reserve as a breathing

space for Greater Singapore. If the site should be put to other purposes, the Department should be compensated by ~~the~~ other land for experimental work, and Singapore compensated by securing that the suggestions set forward in the report of Mr. Pigott's Committee shall come to pass ultimately. The land for experimental purposes need not be in Singapore island which has a bad fruit climate and inferior soil: indeed should it be necessary to start planting de novo, ~~Mal~~ Malacca, or Province Wellesley are preferable; and I have been turning over the possibilities of finding what is required in one of these places. I would beg to be allowed to ask now if the Government will reach a decision either to leave the Economic Garden as it is for at least twenty years or start an Economic Garden upon a liberal scale elsewhere, remembering that I have many plants of value which cannot live in pots for ever, and that deferring issues is damaging, as ~~to~~ the value thrown away when destruction comes is the greater the older the trees destroyed. Annually revised plans and perennial trees do not step in harness together: and security which I have failed to get, is absolutely necessary for the proper carrying out of the ^{real} side of my work which is far more important than attracting the Public to learn a little botany in a pleasant place or to gain a little health, namely the getting of the best races of all manner of plants into these Settlements.

I have the honour to be,

Sir,

Your obedient Servant,

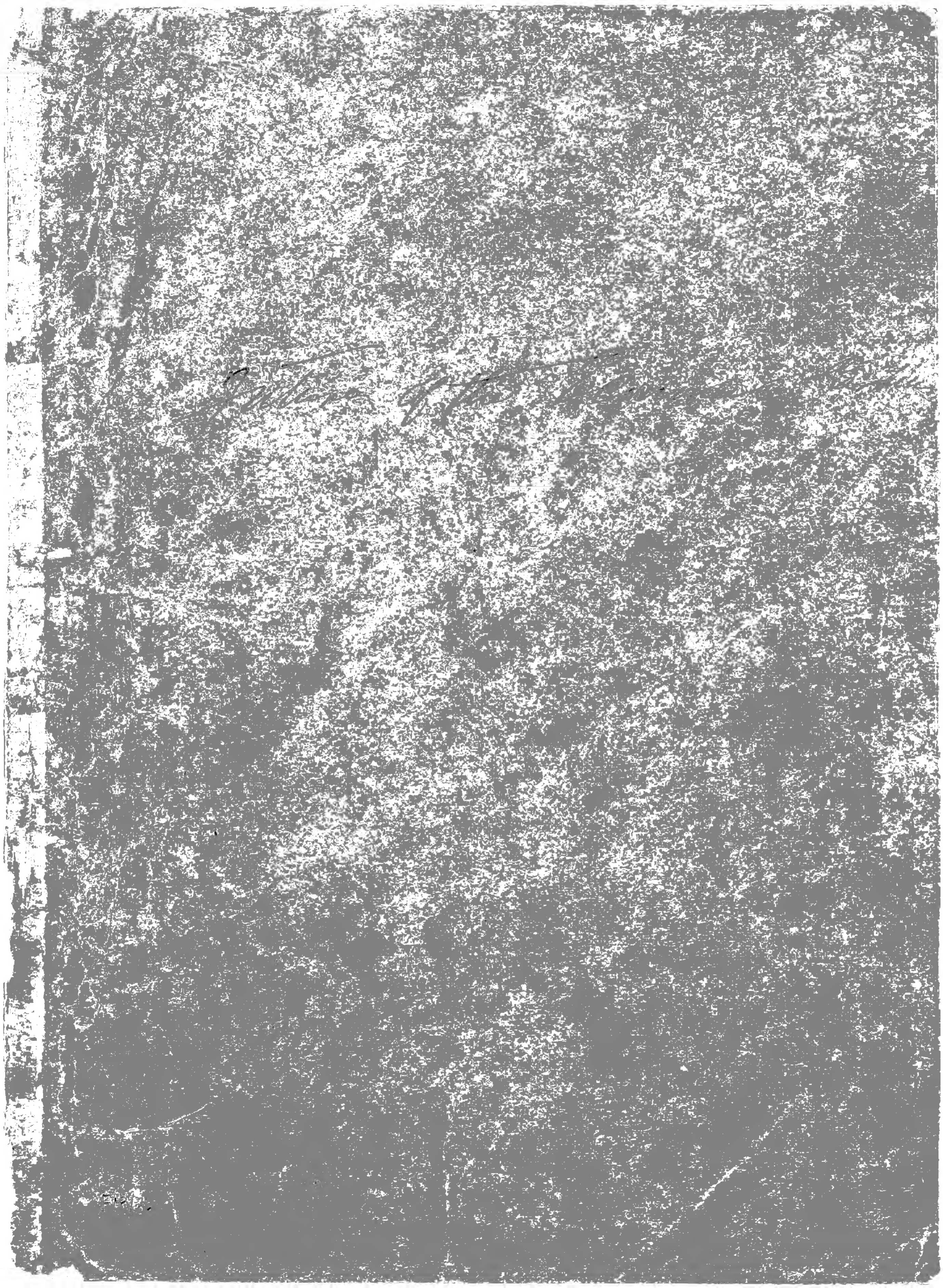


Director of Gardens

The Honourable
The Colonial Secretary

F10/31

S i n g a p o r e



From Whom	
Place	
Date	

ROADWAY THROUGH THE ARBORETUM.



Former Papers.

MINUTES.

Final Paper.

I have laid down the line of a 16-foot road through the Arboretum, starting from Cluny Road by the Assistant Curator's house, ascending past the spot where the Field Assistants' houses will be built and then descending to the Riding path at its head whence there is a line for a roadway to the Bukit Timah Road. I think that when funds permit this road should be metalled and visitors encouraged to continue their drive through the Gardens along it, the intention of metalling the Riding path being abandoned. I have laid down the road line now, so that ~~MMMM~~ trees may be planted in the Arboretum *followingly*, and not have to be moved later: I bring it up to the Committee's notice because the Municipal Commissioners will have to be addressed, I suppose, for permission to widen the entrance to the Assistant Curator's quarters, and at the same time it may

be convenient to discuss the alteration of the entrance opposite to the Assistant Curator's house, which is one of some danger, motor car drivers coming along Clung Road and leaving the Gardens being unable to see what may be approaching.

Henry Buckle

Seen - 20/1/15

Letter dated 17 July 1915
to Municipalities (4)

Reply dated 1 Aug 1915.

Committee

To see please
Mr. Buckle

Seen
11/1/15

Seen
10/8

Seen
16/8/19

"
18/8/19

"
19/8/19



Municipal Office,

Singapore, 1st August, 1915.

It is requested that the following number be quoted in the reply to this letter.

N^o Rodds 696/15.

Sir,

With reference to your letter of 17th July, I have the honour to say that the improvements suggested in 1915 appear not to be justified, in view of the cost and of the amount of work that has to be done ^{the} in town.

It is suggested that all that is necessary is for the Gardens Department to cut down any trees and rising grounds that may blind the corners, and enforce slow movement of traffic by avoiding any easing off of the corners.

I have the honour to be,

Sir,

Your obedient servant.

R. J. Linn
President,

Municipal Commissioners.

The Director of Gardens,

S. S.,

Singapore.

17th. July, 1919

Sir,

I have the honour to ask if the Municipality is prepared to carry out the improvements suggested in the correspondence 667/15. These improvements had the object of preventing the junction of the Gardens' part of Garden Road with Cluny Road from presenting a dangerous blind corner.

I am, Sir,

Your obedient servant,



Director of Gardens, S.S.

The Chairman,
Municipal Commission,
Singapore.

27th May, 1915

Sir,

At a meeting of the Gardens' Committee yesterday the plan which you kindly sent with your letter of February 26th, 1915, of improvements to the Dalvey Road approach of these Gardens was discussed, and I am to address you regarding it. The area of land which would be thrown into the roadways under your plan had been pegged out, and was inspected: the pegs will be left in situ for some days, so that you can easily if necessary see for yourself what the Committee understands this area would be.

In the first place the Committee fully recognises that it is desirable to add to the Glany Road the strip which you mark on the inner side of the curve on the hill of that Road. In the second place it is considered desirable to throw into the road a small corner of land on the west side of the entrance to the Assistant Surfer's quarters; but to add the whole of the strip marked on the plan will bring these quarters undesirably near to the road. In the third place the Committee would like you to agree to a reduction of the depth of the land to be cut out of the Gardens on either side of the Committee's road labelled "Garden Road", so that certain trees may be saved.

In the plan which I return, I have cross-hatched the area which the Committee considers alienable, without sacrificing the interests of the Gardens. They would ask you if the area is not sufficient seeing that the pace of motor cars in the gardens should not exceed ten miles an hour.

Could you please when considering my Committee's opinion, consider also the last paragraph of my letter of February 3rd., 1915, for in connection with it you will observe that it becomes possible to widen the mouth of Dalvey Road by the width of a large ditch.

The land between Dalvey Road and Cluny Road is privately owned.

I am,

Yours faithfully,

Director of gardens, S.S.

The Municipal Engineer,

Singapore

T.N.H.

M.E.-50.



Municipal Engineers Office,

Singapore, 4th February, 1915.

It is requested that the following number be quoted in the reply to this letter.

No. 59

5.2.15

I. Henry Burkill Esq.,
Director of Gardens,
Straits Settlements,
S I N G A P O R E.

Sir,

I thank you for your letter of 3rd instant with reference to a proposal for rounding the dangerous corners at the junction of Cluny Road, Gardens Road and Dalvey Road.

A plan will be prepared and submitted to the Commissioners for consideration, after which I will address you further.

I have the honour to be,

Sir,

Your obedient servant,

.....M. Inst: C. E.,

Municipal Engineer.

T.N.H.



M.E-50.

Municipal Engineers Office,

Singapore, 20th February, 1915.

It is requested that the following number be quoted in the reply to this letter.

No. 667/15

20/2/15

I. Henry Burkill Esq.,
Director of Gardens,
Straits Settlements,
S I N G A P O R E.

Sir,

In continuation of my letter No.590, dated 4th instant, I have pleasure in forwarding a plan showing a proposed rounding of the corners at the junction of Cluny Road, Dalvey Road and Garden Road as suggested by your letter of 3rd instant.

I think the arrangement shown on plan would be more convenient for traffic than a circle, and, if the arrangement ~~will~~ meets your views, I will refer the matter to the President and Commissioners for approval.

Yours faithfully,

Merice
.....M. Inst: C. E.,
Municipal Engineer.

*Area the proposed work
sent [Signature]*

F18/39

877

End. February, 1915

Sir,

At the request of the various Committees, I address you regarding the railway road entrance to the Botanic Gardens. Garden Road there forms a right angle with King Road; and in consequence of a rise in the ground and across the corner is a blind one to motorists coming from the Gardens or proceeding north along King Road. As a result of this arrangement accidents have occurred in violent rain and to them the present in leaving faster than is right over the Gardens' roads. It is highly probable an increase of volume of traffic will be a further factor in accidents. I would suggest that the road be widened and that the entrance be widened and that the road be widened to the extent of widening the road to the north.

I would ask you if the Committee would be willing to take into the roadway at that corner a sufficient piece of land to safeguard motorists, suggesting the Government (which has not yet been asked) willing to transfer it; and if the Government would at the same time set up a sign at the corner of the road limit.

Dear roads limits to the road north of the road, and it is intended to make a level entrance to the Botanic Gardens facing the road from the Botanic

Gardens, so that there will be a junction of five roads not including the entrance to the house "Craigmillar". A circular space, or a space approaching a circle in shape might be formed; and it is thought that one of this nature would make a fitting entrance to the Gardens. To make it, there is earth available on the rising side to fill in whatever may be required on the falling side of the present gateway.

Should the suggestions here made seem good to you, and likely to bear fruit, I shall be most glad to receive such information as will enable me to seek the approval of Government.

While addressing you on this subject, I beg permission also to ask if the Municipal Commission has any objection to the proposal to make the broad entrance, above mentioned, to the Economic Garden, facing the exit from the Botanic Gardens.

It will mean the filling up of a short length of the roadside ditch, but without interference with drainage.

I have the honour to be, Sir,

Your obedient servant,

Director of Gardens, &c.

R. Peirce Esq.

Municipal Engineer,

Singapore.

No Minutes should be written on this page. A separate half-sheet
to be used if required.

From Whom	The Director of Gardens
Place	S.
Date	26th, April 1919

SUBJECT.

Application for the use of Municipal land at Kalang River Reservoir for the purpose of planting food crop.

Connected Papers.

MINUTES.

W.E.

For your remarks

Intld. W.P.
28.4.19

P.M.C.

We have no use at present for the land coloured green on the enclosed plan. It is outside our Water Catchment and it slopes towards Thompson Road and may be used for the purpose proposed by Mr. Burkill. In conversation with him I learn that the land is suitable for fruit, but not for quick growing crops.

No doubt an arrangement could be made by which the M.C. could resume possession of the land should they eventually desired to do so.

The future pipe line from Seletar to town may possibly lie

upon this land but it will not occupy ~~any~~
much space or interfere with many trees.

Intld S.W.

D. of G.

Please see. You may use it
as proposed but I can give no guarantee
of nondisturbance. You will however not
be disturbed unless it is really
necessary.

Intld. W.P.
2-5-19



Botanic Gardens, Singapore,
STRAITS SETTLEMENTS.

Sir,

In ~~case~~ the file Gardens I was
 instructed to commence selection work
 on fruit trees: and my own inclination
 very strongly seconding those instructions, I
 lost no time in raising plants young
 stock ~~for plantation~~ ^{a place} and in preparing a
 plan for ~~development~~ in the Economic
 Garden for its receipt. You ~~may~~ may
 judge then that my disappointment
 was great when upon the recommendation
 of the Singapore Housing Commission
 the land which I had prepared was
 declared building land (file
 I am ~~now~~ ^{now} ~~here~~ ^{here} freed of that decision
 to devise a new ^{plans} procedure which I
 have the honour to lay before you
 for sanction.

Meanwhile
 the services
 of a field
 gardener had
 been directed
 to the work

So ~~in~~ ^{that} a letter ~~said~~ ^{file folder}
~~was~~ ^{it} ~~sent~~ ^{sent} ~~to~~ ^{to} ~~me~~ ^{me} ~~and~~ ^{and} I ~~was~~ ^{was} ~~then~~ ^{then} ~~to~~ ^{to}
 bring ~~into~~ ^{into} ~~the~~ ^{the} ~~view~~ ^{view}, the fruit selection work &

After the conditions which form of the
factus. with this reference the

2 That I was making new plans has
already been dictated to you in a letter dated
the 1st of the month to which further reference
is unnecessary.

3. The land that I have selected is on
the Siletta road, ^{from} it is ^{government land} under the control
of the Municipal Commission, being the
fringe of the water catchment area, but
not draining into the catchment. To this
effect is owing the fact that it is
available; and the Commission Chairman
of the Commission is writing that I should
clear and plant it. It is ^{about} 30 acres in extent.

4 I wish to plant it at once, with
food crops, interplanting the fruit trees.
I need for this \$ _____ in the
current year, and \$ _____ in the
budget estimate for 1920, for the
planting them.
1919 clearing

I think that Mr. Mathieu's proposals are not economical.

The aim that we have is to obtain a plantation of fruit trees; and the sowing of food crops as a preliminary is merely to make use of an opportunity.

Even if we could get two cart loads of manure, the result would be a dead loss, for two cart loads with haulage would cost more than they return.

The land with its covering of resin etc dug into it, should make a fair return of course for crops without manure. The fruit trees would be interplanted as available.

Allowing 1 man per acre & having 30 acres of land, we ~~can~~ can calculate maintenance; and on to that we can profit anything extra

N.B. The purpose of the land is fruit-tree selection. Food survey will be a catch crop & must be done cheaply.

On obtaining the use of the land, the first essential will be the erection of a shelter for coolies, and the sinking of a well, or at least the making of some arrangement for storing water.

My first impression was that trees should be run up, close to the hedge when the road exists, but on re-consideration, it seems to me that there is a better place $\frac{1}{4}$ mile further on where a culvert exists on the road.

I have not ascertained however if water exists near that spot should the well sinking fail.

Corti.

The lines should be able to hold 30 men, & built as Tannet lines

The sinking of the well would cost say? -

And the time occupied would be

Upon getting the cutters down, clearing should proceed at a great rate. & with the clearing rising across the hill slope.

Planting proceeds after it.

of the 30 acres -

- 10 might be given to sweet potatoes
- 2 — — — — to beans.
- 1 — — — — groundnuts
- 1 — — — — pineapples
- 10 — — — — maize
- 4 — — — — miscellanea
- 2 reserved for husbandry

The wage bill of 1 man per acre would be

30 men @ 15 p.m.

or for 6 months

[4500]
2700

For tools they would want ~~say~~ at the start 30 Champs

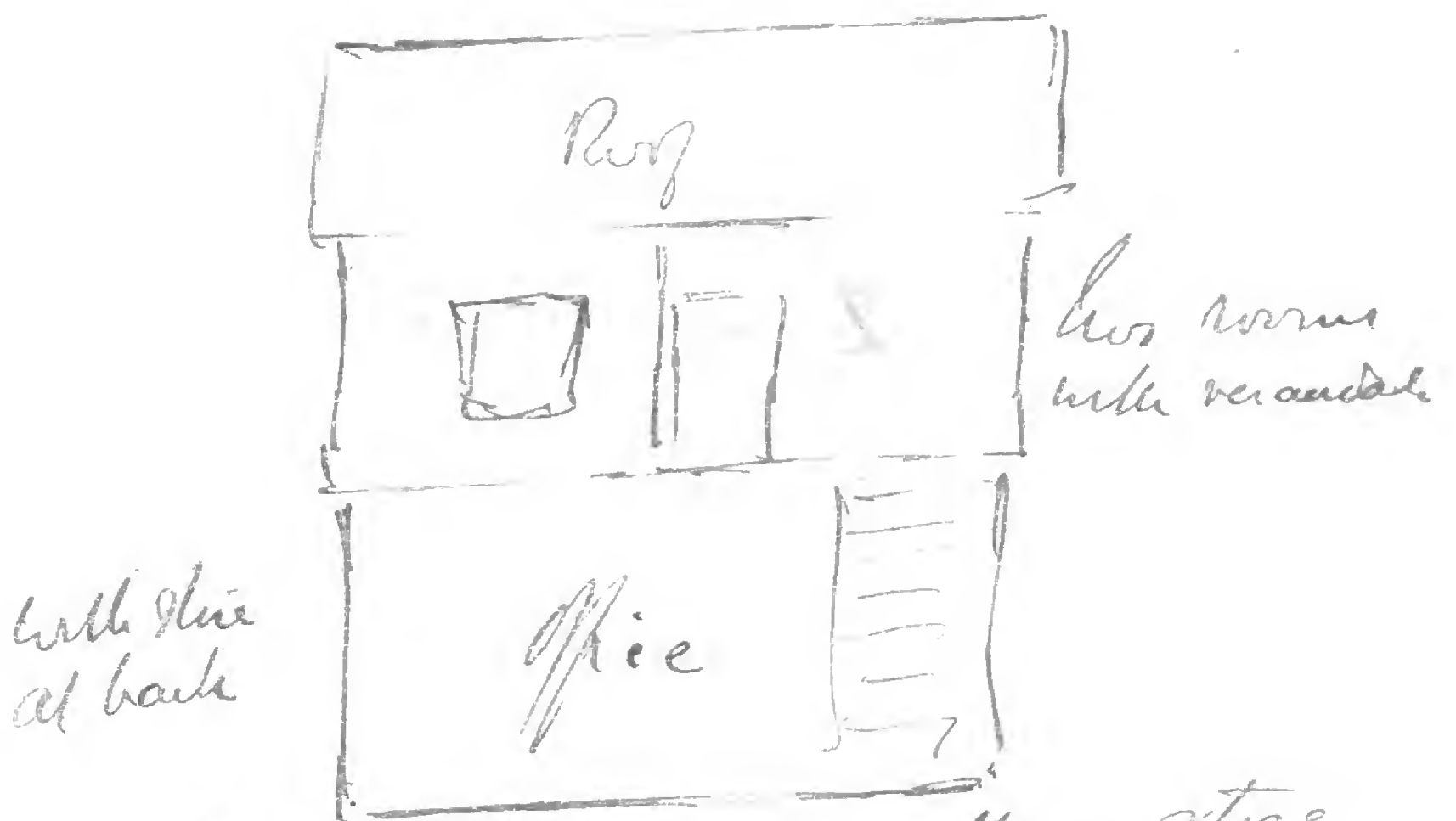
240

and an assortment of other tools

- Such as 1 pr. Shears
- 2 pick axes
- 2 rakes
- 2 hoes
- 1 pr. Scales
- 1 large measure
- 1 hand cart
- 2 axes
- 1 grindstone
- 6 parangs
- 2 measuring tapes
- 1 sulphur sprayer

Next a house will be required
for a man and ~~at~~ adjoining
a small store & office.

This will have to be made in
better materials than the roof lines
wooden walls at least. The
sort of thing suitable would be



or two houses like our game store
I do not see need of 1 head
further and a man -
one way should suffice. He
ought however to be one of the
two former partners of the
Eun factor - and so not add to the
present budget.

cut
ways.

No roads are wanted
through the ground. That
paths taking off from
the High road. No special
cut need be allotted to
these. Possibly a track
along our limit may be
a convenience - but there
is no called to make it
a road.

~~Cartage of~~ ~~carding~~ is
probably unobtainable except
in very small quantities &
must be kept for nurseries
Say for manure as in margin.

Having started the heavy part
in July expenses run on
thus

30 coolies per.

mandor -

Cartage to & from Singapore at
day 2 carts per week &
replacing damaged tools

If the ~~land should come~~
with our permission ~~and~~
June 1st, planting would
be in progress & July 1st

Charges for seed
Sweet potato shoots for 10 acres
Maize — — —
Etc. say,

The maize will profit if
a dressing of superphosphate
which I think may be
available here

The sweet potato I should
hope will give a first crop
without any manure
TheMiscallanca will
want manure but ~~but~~

Mr Bursill -

I just called on Mr Peel and asked
him if he would allow some necessary
preliminary work to be done on the land which
we visited the other day - such as digging for
a well, churning &c. he said "Yes. What does Mr
Williams say about it? he has not returned me
the letter yet" (your letter I presume). So the
matter rests with Mr Williams, whom I did not
see.

Yours affly
E. H. Botsford 1. 5. 19

000-112

Bots



F18/49

Material required

Jungle stakes for beams 40000	} = 95000 at 1¢ at 1 yard apart 40400 an acre this is 2 per yard for 10 acres	930
" Yam 55000		
nursery 20000		1500
Manure 20 cents per acre 600 carts		120.00
Posts for nursery 7' x 3" @ 200 @ 10¢		42.00
Bamboo baskets for seedlings (the same as used for yams) 1200 @ 10¢		120.00
Earth baskets 100 @ 40¢ (?)		40.00
Wooden tubs for liquid manure 30 @ 75¢		22.50
" casks for making spraying mixture 10 @ 2.00		20.00
Watering cans 20 @ 3.50		70.00
Changshahs 60 @ 4.00		240.00
Working forks 3 prong 12 @ 4.00		48.00
Rakes 20 @ 2.00		40.00
Parangs 30 @ 2.50		75.00
Knapsack sprayer (2 machines)		200.00
4 Pruning knives		16.00
4 Secateurs		8.00
1 Branch pruner		20.00
1000 Plant labels - 2		12.00
2 Sulphur sprayers		25.00
Wire-netting 1/4 inch mesh 1 piece		40.00
2 Wire-netting mats for storage of seed and grain		15.00
Rain gauge		24.00
2 Measuring tapes		15.00
Twine & string		16.00
Budding knives 4		100.00
Hand carts 2		24.00
Pick axes 4 with hawks		20.00
Garden trowels 10 @ 2.00		20.00
Gridstones 2		70.00
Hammers 2		4.00
Scales		40.00
Laths 15 x 4 x 1" for making germinating boxes 100 @ 20¢		20.00
Flower pots 500 @ 8" - 500 @ 10" flat		120.00
Carried forward		3948.50

Material 7 ^{1/2}	Prot ora	3948.50
Rangoon Crude oil 2 barrels @ 20 (?)		40 -
Lime for liming the land 8 bags per acre	240 lbs @ 20	480 -
" " for making Bordeaux bags -		12 -
Flowers of sulphur 20 lb @ 40c		8 -
Copper sulphate 100 lb @ 40c		40 -
Tobacco refuse		10 -
		<u>4538.50</u>

Seeds: Beans - Earthnuts:
 @ 8 per acre on 20 acres @ 160 -

Roots - Topsoil cuttings Meladi 7^{1/2} - 200 -

Peany shells 4000 @ 25^c - 1000 -

General Transport - 500 -

1850

6388.50

1 Bangalore \$5000
 1 Cochin home 1000
 1 Java home 400
\$6400.

Recapitulation wages & salaries \$9710.10

Material 4538.50

Seeds & Transport 1850 -

Houses 6400 -

Total expenditure, \$22498.60

After 18 months the expenditure
 would be reduced by the elimination of food crops

Rough Estimate of Expenditure
 on 30 acres of mixed crops of food plants
 and fruit trees. (Best land under blower
 and manure.)

Felling, charring, burning and chumping 30 acres	20	600
Changskilling twice \$18 per acre & \$30		900
Making beds 350 per acre \$5 per acre per acre \$8 per acre		240
1 mile 12 feet wide road 1/2 cham per day / per man 160 days = 56		89.60
Paths and alleys		60
Trenches & contour drains 5 per acre		150
Holes for fruit trees 2 1/2 feet x 2 1/2		
20 acres for pisony and papaya 7.5 x 12 feet apart 10 acres for slow growing trees 20 x 20 feet = 1080 . . . 4		241.60
One acre nursery slab - covered, lining, manuring Potting shed 15 x 15 & extra hangings		43.20
Transplanting 7120 trees @ 4c		40
Planting 10 acres of yams, tapioca 7.5 x 12		100
Leaving, burning, groundnut 5.5 x 5.5 per acre = 1c		284.80
Cutting reeds & shading 1/2 cent 6500 beds @ 2c		330
Weeding, stirring the soil, earthing up 3c per bed		130
Spraying 3c per bed		82.50
Tending - pruning & suckering fruit trees 1080 @ 3c		195
Putting up poles for beans 4c per bed 6500 beds		195
Applying manure \$5 per acre		32.40
" Lini 2 " "		260
Watering 10 " "		150
Making water - holes 20 @ 1.50		60
Stacking yams \$5000 @ 3c		300
Picking the crops off 20 acres beans 4.5 x 2.5 per acre		30
Pulling " 10 acres yams 4.5 x 4		450
		75
		280
		\$ 5029.10
1 Jaga - uniform	205	
1 Head Gardener	300	
1 Handon	216	
Superintendent		421
Transport allowance		360
Total expenditure wages & salaries		9710.10

To the Director of Botanic Gardens.

Sir,

I am sending you 17 Okras weight 18 1/2 lb. They were sown on [] from seed of one long pod 12 inches long. I am keeping the longest on the plants for seed, but none have as far attained the length of the parent pod. Can you tell me if the plants want topping? So far the bearing capacity of the plants seems strong, but I am afraid the later appeared fruit will not develop to full size unless topping is done.

Herewith a rough estimate of the costs of the proposed fruit and crop farm at Saker. It is only intended to get an idea of the financial requirements of such a place. At present, not having been over the place, I cannot present anything more definite.

The idea would be to put at once 20 acres under mixed food crops (excluding yams etc) with pineapples, papayas etc? Planted 12 x 12 i.e. 60 x 20 trees.

The other 10 acres would be reserved for young tapuca, Kabi, and would only be planted with fruit trees later: Shea trees, Anacards -

To the Director Botanic Gardens,

Sir, Thompson R. Lane

In the absence of fungicides on the place, the estimate should provide for an office and store - a building say 24 x 12' divided by a partition, a building of planter and attap with 1 foot top and bottom of the walls of expanded metal to cost \$400 to \$500. Also plain office furniture, \$100 including safe for seeds.

A computer would be wanted for a time to put up shelves in the potting shed.

Other things would also be necessary: viz. manure shed, concrete tank for storing rain-water at the castle line.

I cannot, ~~but~~ thinking well over the matter, but point out that the probable absence of water will be a very great drawback. I can hardly fancy a vegetable garden without water in time of drought. All the plants except perhaps the yams would probably perish. Perhaps it would be advisable to make a further effort to secure land offering better prospects on that all important point.

Yours obedt Servt
E. H. Thorne

29. 4. 19.

Botanic Gardens

Singapore,

26th. April, 1919

Dear Mr. Peel,

I was instructed some little time ago by the Government to proceed with fruit selection work, and had begun the laying out of an orchard in the Economic Garden for the purpose, when the Singapore Housing Commission recommended that the land upon which I was at work should be taken over for building. I therefore had to seek new land.

One piece of suitable land is that belonging to the Municipality which is marked in green upon the attached map. It is within the area of the Municipal Waterworks, but not within the Catchment area. The land is in Resam and Belukar.

I write to ask if the Municipality would let me use for the purpose proposed, the work to be financed by Government. I should have it cleared, and a feed crop planted. Into the feed crop I should plant the selected fruit trees, and gradually give up the feed crop growing as the trees mature.

I have talked over the matter with Williams, - in fact it was by his kindness that I heard of the land. Now I am anxious to know if I can lay a proposal to use this land before the Government.

I will see you at any time you wish, if you will name the time.

May I please have the plan back.

Sincerely yours,

I need also the services of Mr. Mathew
and who is at present an Extra
Assistant Quarter Master: his pay has
been budgeted for in the current year
the only ^{new} provision required for this
subject to the remarks below in para
is connected with his transport. I

suggest that he might be allowed to
reside in the Siletta Post house

which is one mile and a half from
the north end of the area. As the
Siletta ~~quarters~~ post house is nearly
always empty, and therefore his residence
there would interfere with no one

Botanic Gardens

Singapore 26th, April 1919

Dear Mr. Peel

I was instructed some little time ago by the Government to proceed with fruit-selection work, and had begun the the laying out of an orchard in the Economic Garden for the purpose when the Singapore Housing Commission recommended that the land upon which I was working should be taken over for building. I therefore had to seek new land.

One piece of suitable land is that ^{belonging} belonging to the Municipality which is marked in green upon the attached map. It is within the area of the Municipal Waterworks but not within the Catchment area. The land is in Rasam, and beluker.

I write to ask if the Municipality would let me use it for the purpose proposed, the work to be financed by Government. I should have it cleared and a food crop planted. Into the food crop I should plant the selected fruit trees and gradually give up the food crop growing as the trees mature.

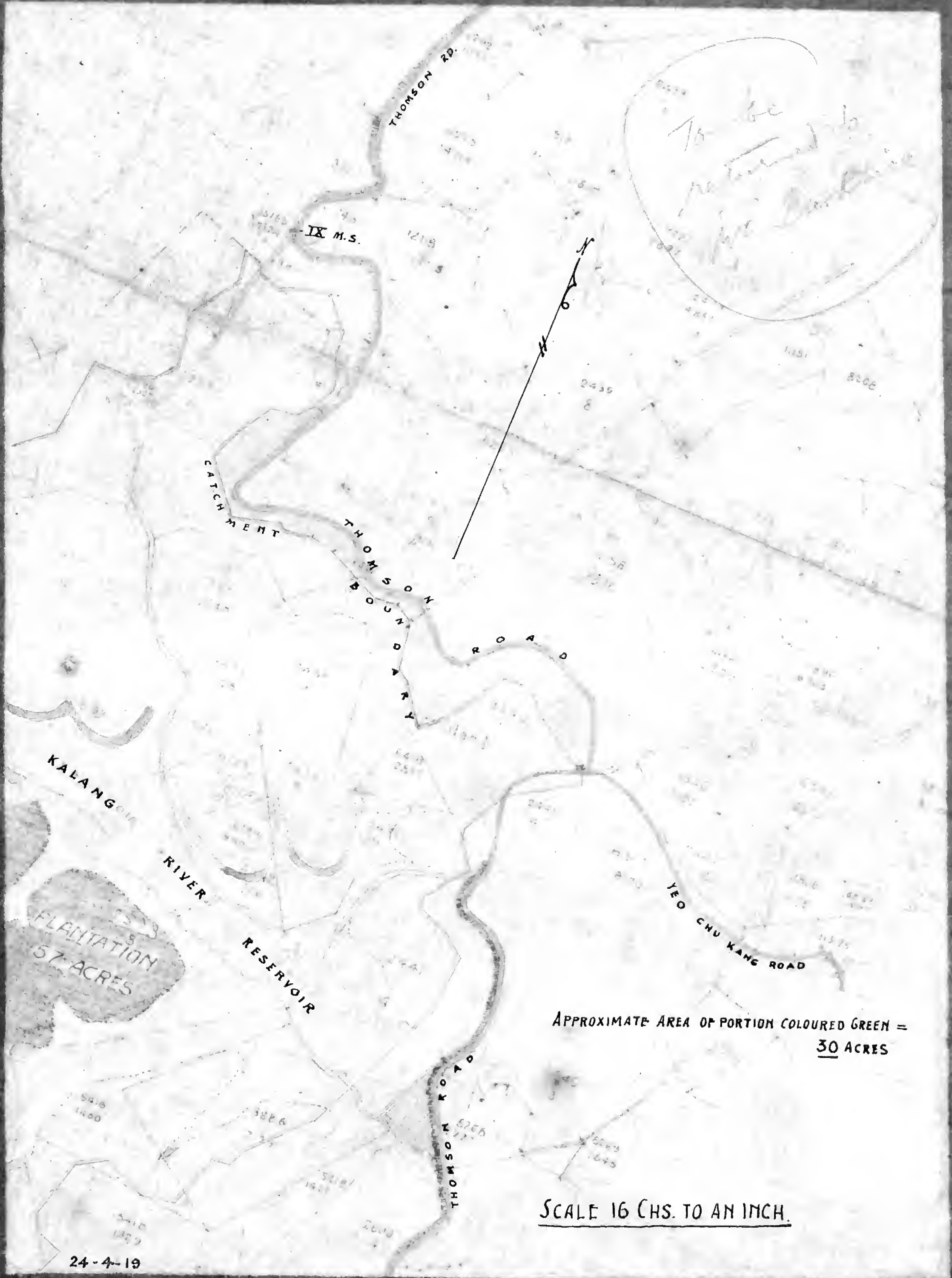
I have talked over the matter with Williams infact it was by his kindness that I heard of the land. Now I am anxious to know if I can lay a proposal to use this land before the Government.

I will see you at any time you wish if you will name the time.

May I please have the ~~land~~ back.

Sincerely yours,

Sd. I.H. Burkill.



To be returned to the District Office

APPROXIMATE AREA OF PORTION COLOURED GREEN = 30 ACRES

SCALE 16 CHS. TO AN INCH.

No Minutes should be written on this page. A separate half-sheet
to be used if required.

8979/17

From Whom

C. Secretary

Place

Date

RECOMMENDATION TO GROW FRUIT TREES,
FOR SELECTING WORK

Former Papers.

MINUTES.

Final Paper.

- 1. C.S.'s letter 8979 / 17 with recommendation of the Committee of Food Control dated 23.11.17
- 2. Reply of D. of G. showing that such work had been commenced, and is hindered by want of staff and will want funds.
- 3. Letter from C.S. dated 5.12.17 asking amount of money required.

Committee.

The expenditure proposed is pay for a gardener in the Potting yard, for a ecclly to weed along with him, and for 5 ecclies to cultivate the 7 acres of fruit ground on the hill top. This at the new rates of pay viz. 55 for the Gardener and 50 per diem for the ecclies comes to 1062.00 per annum.

Mr. Mathieu suggests green manuring the Fruit

ground: but in addition to this one hundred dollars worth of manure is desirable.

Side by side with the Fruit cultivation is our cultivation of roots and vegetables, which cost another like sum.

In replying to Government as regards labour, I think that the question of manure and vegetable cultivation might be mentioned.

The Government will see in the Food crop cultivation a better plea for help than any put forward for keeping the grass of the Economic Garden Arboretum down, and might so well help us there as to free our other labour for the equally necessary work to which they are blind.

2. 1. 18.

P. Phelippeau

4/12/18
Discuss at meeting. Is like to see some of what is being done or contemplated. W.D. 4. 1. 18

Filed 5. 1. 18

W.D. 7. 1. 18

W.D. 5. 1. 18

15th. January, 1916

Sir,

I have the honour to refer to file 2272/17 which you transmitted to the Gardens Committee with the request that the cost of labour for fruit selection work and propagation should be communicated to you.

3. The cost in 1912 is estimated at one thousand and sixty two dollars (\$1,662) being the wages of a gardener and of five coolies.

5. Appropriate experiments on food crops are estimated to cost six hundred and ninety dollars (\$690).

4. These amounts are part of the sum of twelve thousand dollars which the Committee state to be required under file 2232/17.

I have the honour to be, Sir,

Your obedient servant,

Director of gardens, S.S.

The Honourable
the Colonial Secretary,
Singapore.

O.A.B.



Telegraphic Address:—

"SECRETARY, SINGAPORE."

It is requested that the following number be quoted in the reply to this letter.

No. 8979/1917.

Colonial Secretary's Office,

Singapore, December, 1917.

Sir,

I am directed to acknowledge the receipt of your letter of the 29th November, 1917, on the subject of the recommendations of the Committee of Food Control regarding the Economic Gardens.

2. I am to ask you to be so good as to consult the Economic Gardens Committee and to submit as precisely and clearly as possible the needs regarding Labour.

3. Action is being taken regarding the Field Assistant's Quarters.

I have the honour to be,

Sir,

Your obedient servant,

Colonial Secretary,
Straits Settlements.

The Director of Gardens,

Straits Settlements,

SINGAPORE.

26th. November, 1917

Sir,

I have the honor to acknowledge the receipt of your letter no. 2873/17, dated 23rd. November, 1917 and in reply thereto to state that I am in complete accord with the recommendation of the Committee of Food Control that the Economic Garden can render valuable assistance in improving local fruits and as a nursery for the supply of necessary seedlings.

3. The following extracts from my reports will show you how complete this accord is:-

(1) from my annual report for the year 1915, "An area on the hill top (of the Economic Garden) of about seven acres has been cleared, and stumping has been done over the larger part of it, with the intention of planting fruit trees. Against this planting a collector was sent to Malacca, where with the kind assistance of the Divisional officers, Messrs N. Sharwood and F.J. Weston, he obtained numerous seeds from selected trees. Seeds of other fruit trees have been obtained... and there is now ready a satisfactory stock of young plants." "An appeal may be made here for help in the work of building up an orchard for selection purposes, namely that those who know of the whereabouts of the most excellent of fruit trees would be so good as to inform the

Gardens' Department"

(2) From my report for 1916:-"In the report for 1915 information was given on the allocation of an area for fruit trees: in 1916, the terracing of the area was proceeded with as labour could be spared, but it was not completed."

When my annual report for 1917 reaches you, it will show that progress has been made in the planting of this area.

3. In the memorandum on the administration of the Gardens which I recently forwarded to you, you will have read also of my intention to develop fruit selection here. The Gardens are also at the same time selecting rubber and other plants besides fruit trees. It is my intention to use the Field Assistant to be obtained from India (Gardens 6647/17) for plant breeding, and this is mentioned in the particulars of the office. Results will be a matter of intelligent comprehensive work plus funds enough for good cultivation. I expect to have to ask for these, as the labour force in the Economic Gardens is not large enough to keep the weeds down.

4. I observe that I shall have to ask in addition that the erection of the Field Assistant's quarters may be pushed (Gardens 4851/14), for though the cost has been budgetted, not even a plot for foundations has been turned yet, and the earning of the Field Assistant is in sight.

5. The Gardens' selections will in my opinion, not
obtain anything like the most abundant distribution through
the peninsula which will be desirable, if you adopt
methods in regard to sales from this office recommended
by the Auditor General to you (your letter no 9305/17)
likely to prevent the public from buying freely.

I have the honour to be, Sir,

Your obedient servant,

Director of Gardens, S.S.

The Honourable the Colonial Secretary,
Singapore.

O.A.B.



①

Received 24.11.17

Answer to.....

Telegraphic Address:--

"SECRETARY, SINGAPORE."

It is requested that the following number be quoted in the reply to this letter.

Colonial Secretary's Office,

Singapore, 23rd November, 1917.

No. 8979/17.

Sir,

I am directed to forward a copy of a letter from the Secretary to the Committee of Food Control, and to request an expression of your views on the suggestion made in the third paragraph as to assistance being rendered by the Economic Gardens.

I have the honour to be,

Sir,

Your obedient servant,

Colonial Secretary,
Straits Settlements.

The Director of Gardens,
Straits Settlements,
S I N G A P O R E.

Food Control 41/17.

COMMITTEE OF FOOD CONTROL,

SINGAPORE, 3rd November, 1917.

Sir,

I am directed to state that the Sub-Committee of Food Control desire to draw the attention of government to the question of fruit cultivation especially in Singapore where owing to the planting of rubber and other causes no new fruit trees are being planted while old trees giving out of bearing are not being replaced.

2. The Committee feel that the expert land officers in Government service are better qualified than the Committee to advise what steps should be taken to remedy this but suggest that in newly alienated land a clause might be inserted in the title ensuring that at least a small quantity of such land should be planted with fruit trees.

3. They also suggest that valuable assistance might be rendered by the Economic Gardens in improving local fruits and as a nursery for the supply of the necessary seedlings.

I have, etc.,

Sd. W. Bartley.

Secretary.

To.

The Hon. Colonial Secretary,

L O C A L.

Details of Crops. from 1st January to 30 June

Folio of Record Book	Large sheets	Small sh.	Cuts & biscuits
80	1372	61	126 130
86	1526	59	113 113
90	912	57	92 104
93	1008	58	76 107
96	820	42	63 110
101	1461	48	63 117
107	1011	49	57 114
	<u>8110</u>	<u>374</u>	<u>590 795</u>
Goodwood fo. 113	537	47	91 71

Taking the figures on the other side, eliminating the shipment of 28 January which represents mostly 1917 rubber we have:

	Large sheet	Small sheet
26 Mawl shipment	3065	161
6 May (still in godown)	1753	94
30 June (still hanging to dry)	3311	158
	<u>8129</u>	<u>413</u>

Estimate for period 1 July to 31 December 1918

Sheets large	23 - put up
" small	5 - 25
Scrap & biscuits	3
Goodwood	4 - 50

Total 32 - 75

2 July 1918

E. J. [Signature]

To the Director
of Botanic Gardens

Shipments of Rubber in 1918

on 28 January 1918

			P. K ⁿ
Large sheets	5205	weighing	16.84 1/2
small d ^o	257	"	46 1/2
Clots & scrap	1200	"	2.55 3/4
			19.86 3/4
Goodwood Large sheets	350	"	84 1/2
Small sheets	30	"	4 1/4
Clot scrap	118	"	29 1/4
			1.18
			21.4. 3/4

On 26 March 1918

			P. K ⁿ
Large sheets	3065	"	11.33
Small	161	"	0.26 1/4
Clots - scrap		"	2.22 3/4
			13.82. -
Goodwood Large sheets	219	"	55 3/4
Small sheets	11	"	1 1/2
Clot scrap		"	17
			74 1/2

Weighed on 6th May and kept in smoke-house

Large sheets	1753	weighing	5.48 3/4
Small d ^o	94	"	15 1/4
Clots scrap		"	81 3/4
			6.45 3/4
Goodwood Large sheets	172	"	36
Small "	14	"	1 1/4
Scrap & clots		"	10 1/4
			47 1/2

Rubber still hanging in smoke house ~~on 27th~~ 21.49 1/2

on 30th June

Large sheets	3311	weighing on average	K ⁿ 0.29	P 9.31
Small sheets	158	"	0.125	0.19
Scrap & clots		Estimated		1.25
				10.75

over:

No Minutes should be written on this page. A separate half-sheet
to be used if required.

From Whom	Director of Gardens
Place	S.
Date	11.1.19

SUBJECT.

Request that a special vote be taken in the 1920 Estimates for expenditure on a new District Garden outside Municipal Limits in place of the present one.

Connected Papers.

MINUTES.

C.S.

If the pricing of a new grader is to be considered it should perhaps be considered at Council - in 2477/18 attached and decision of 10.11.18

2. I have detached 1778/19 and sent it to you separately as early action is required on it as to the acceptance of a tender.

3. As regards the reference at the top of page 3 of I approval has been given for the retention of the greener part of the land asked for.

4. In IO766/18 in 1) of (I) the Director of Gardens said that he wanted to look for a new piece of land and was told in para: 2 of Mr. Maxwell's minute of 26.2.19 that there was no objection to his doing so.

Incl'd. C.I.H. 19.9.19

No Minutes should be written on this page. A separate half-sheet to be used if required.

Y.S.

Might be considered in Co. Co. and also at the next meeting of the Officials. I thought the idea in abandoning the Economic Garden was that such a garden was more suitable in Kuala Lumpur.

M. F. S. James
23.7.19

It was put upon before the Co. Co. ~~and not to be~~ a case & this paper could not be considered.

Pass to unofficial members and the question can be considered on Saturday evening.

M. A. Young
23.7.19

Write Dr. Lim Boon Keng M.L.A. L.P.K.
- Mr. D. G. Perkins - D.G.P.
- F. L. Jenkins - F.L.J.
- W. F. Keitt. I think it is a pity to scrap the Economic Garden & would prefer to see them used for the purpose they were intended for. The soil in the P.O. Garden is quite unsuitable for Economic Gardens as I think the

D. of C. will bear me out.

M. W. F. Keitt
28.7.19

Ct.

M.L.A.
F. C. H. W.
26.7.19

Y.S.

M. F. S. James
26.7.19

Informal meeting held at the Govt. House evening of 26th July 1919

Present: The Governor, the Col. Secy.

& the following unofficial members:

Dr. Lim Boon Keng

Mr. D. G. Perkins & F. L. Jenkins

Economic Garden

It is considered that in the present circumstances the Economic

Garden should be made use of as

formerly.

M. F. S. James

28-7-19

A.C.S.

This means that the D.O.S.

may carry out such works as he

Does fit? The restrictions imposed by (4) in 8477, are abandoned?

Intld R. I. W.
28-7-19

Noted.

with great satisfaction.

2. This renders unnecessary the rebuilding of Jamil houses and mundry quarters, and so saves much more than the sums asked for here.

C.S.

The above is correct?

Intld. S.C.H.W.
28/7/19

Yes

Int. F.S. James
28/7/19

M. J. H. Parkell

2-8-19

A.C.S.

The special vote of \$12,000 asked for for the develop. part of a new area of land is not approved?

Intld S.C.H.W.
29-7-19

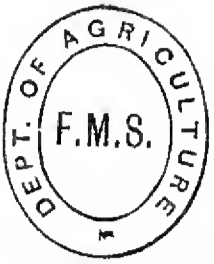
As the area is not being developed the \$12,000, asked for in order to open a new area to replace it will formally be unnecessary?

Intld. S.C.H.W.
29-7-19

S. of S.

To see

Intld. R.C.
30-7-19



It is requested that the following number be quoted in the reply to this letter.

No. 605/19.

OFFICE OF DIRECTOR OF AGRICULTURE,
FEDERATED MALAY STATES,

KUALA LUMPUR.

5th July, 1919.



Sir,

With reference to your memo of the 14th
----- May, 1919, I have the honour to forward for
your information a copy of a letter from the
Agricultural Instructor, Kuala Pilah giving
approximate cost of opening up 20 acres of
land for fruit at Juasseh.

I have the honour to be,

Sir,

Your obedient servant,

A. Weston-Brain

Director.

The Director of Gardens,

Singapore.

Department of Agriculture,

Federated Malay States.

Kuala Pilah

June 18th, 1919.

Sir,

I have the honour to send you herewith an approximate estimate of the cost of opening up the Juasseh Fruit plantation. I would point out that the Director of Gardens Singapore writes of 20 acres opened at Juasseh. The planted area is at present 10 acres. A further 5 acres is felled but not yet cleaned. The 10 acres planted has been cleaned of all timber, and all large stumps extracted.

2. It is somewhat difficult to estimate cost of upkeep, as various other experimental work has been carried out on the land; e.g. tobacco trials.

Cost of opening up and planting 10 acres of jungle land at Juasseh.

Felling, burning, stumping @ \$100 per acre	\$1000.00
Fencing material 5 strands barbed wire	140.00
Cost of erecting fence	about 120.00
Nurseries	about 50.00
Cost 20 mango grafts from India	96.51
Approximate cost of other plants (local)	30.00
	<u>\$1436.51</u>

Cost per acre for planting \$143.65

UPKEEP CHARGES.

3 men @ \$15 per mensem for 12 months	\$540.00
Implements re about	60.00
	<u>\$600.00</u>

Annual upkeep charge per acre \$60.00

3. Five acres have recently been planted with Centrosema, which, it is expected will considerably reduce upkeep expenses in future. 5 acres have been lent to the Public Works Department who are to plant one crop of ragi, and to leave the land reasonably clean. This will then be planted with a cover crop.

I have etc.,

Sd/ D.H.Grist.

The Director of Agriculture,

Federated Malay States.

1st July, 1919

TO PROVIDE FOR THE CREATION OF A FRUIT-PLANTATION WITHOUT
MUNICIPAL LIMITS AGAINST THE SCRAPPING OF THE ECONOMIC
GARDEN.

Sir,

I have the honour to address you to ask that money may be provided in the Budget Estimates for 1920 for the creation outside Municipal limits of a fruit plantation in substitution for the Economic Garden. The cause of my application may be reviewed thus:-

2. By a letter dated 18th. February, 1918, the Singapore Housing Commission asked me for evidence upon the Economic Garden, which evidence I gave partly in writing in a letter dated 21st. February, 1918 and partly orally a few days later. The Commission I found to be without ideas of the bearing of the acclimatisation work of the Economic Garden upon the prosperity of the country; and my evidence so little told with them, that they reported to my amazement (Part 1 p. A29 of the Report) the upper part of the Garden as "absolutely wasted" and carrying "little of interest". Were this true, it would be an extraordinary condemnation of me and of my predecessors that we should have laboured for about forty years suiting plants that require drainage to this drained land and have got no value into it. But Dr. Butler only a few months afterwards in his Report on the Agricultural Department, F.M.S. pp 6 & 62 testified to the real value of the Garden: and I

reassert the falsity of the Housing Commission's pronouncement.

But I admit the possibility of holding the less extreme view that the need within Municipal limits for housing space is such as to justify the sacrifice of the work of years and the recommencement of an economic plantation at a distance from town.

The Legislative Council next took up the question of the Economic Garden, and the Unofficial Members were allowed to decide (file Col. Sec. 8477/1918) that "the Garden be not disposed of, but no further expenditure be incurred except for upkeep". Upon this being communicated to me, I stopped development; but subsequently asked and received permission to carry on work on short lived plants in the lower part of the garden (file 1778/19 note dated 21.3.19).

In the early days of the discussions it was proposed to erect a college upon the land filling the low ground with spoil from the high ground: but this proposal has been abandoned (file 1778/19 note of 13.3.1919) with a reversal to what is most unsatisfactory, namely to rob me of the hill which I need, leaving the swamp with me which I ~~do~~ scarcely need when the rest has gone.

I was told, ~~it~~ it will be observed, to expect to have charge of that swampy ground for some considerable time. It produces a revenue from rubber and sago, and with a view to getting that revenue, I have laid before you in a letter dated 20th. June, 1919, offers ~~MM~~ to take the tapping of the rubber trees at a rental. Your own uncertain policy in regard to the land ties you to a short lease when a long lease would be more profitable.

I was told also to expect to have to give up the high land early. Now on that high land are almost all

the Gardens' quarters; and I have had to ask for the retention by the Gardens of an area of 10½ acres to carry them. My letter dated 5th June, 1919 asking this is before you.

Between the swampy part and the part wanted for quarters are the forty-three acres which I assume will be sold for building. I have marked them in yellow upon the map attached. They carry the Gardens arboretum of economic trees and the area which has been terraced and dedicated to fruit tree selection under proposals which have had His Excellency's ~~XXXXXXXXXXXX~~ the Governor's sanction.

I am now asking for funds to get to work upon a new area in replacement of this, an area to be planted as an orchard, with no embellishments of landscape gardening such as were introduced into the Arboretum of the Economic Garden to draw the visitor.

3. I find that I can have without the cost of purchase either thirty acres of Municipal land along the Seletar ~~Mun~~ Road, upon the ~~edge~~ edge of the Water Catchment area, but not within it, or a field at Eukit Timah near the Quarry partly planted with Gutta Taban and Hevea. I should need for either in their first year

Foreman's quarter	say \$2000
Cooly lines	2000
Labour	6480
Tools	2592

12072

say 12000

Will you allow this to be put down upon the Budget estimates for 1920? If so my plans for abandoning the old Economic Garden will be as complete as I can make them, and I shall be in

a position to save as much as possible out of the scrapping.

I have the honour to be, Sir,

Your obedient servant,

Director of Gardens, S.S.

The Honourable the Colonial Secretary,
Singapore.



