P.W.C. No ...3

ecorded, will however
e communicated for
information, to the
Chief Engr for Irrigation
of the S.E. II Circle.

11/6/88

No 1822 W d/19th June 1888

Ch. E. Irrign
S.E. II Circle
S.E. V Circle

D 19/6

R. 16.6.88

0 8/6.

o.f.s. 5/9.6 6. R. 12/6/88 M 12/6/88

Sent 22/6

R. 18.6.88

with draft

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 22nd March 1888, No. 5437 :—

I have the honor to report that I visited the Seven Pagodas light-house on the 12th instant; generally it may be said to be in good order. The light is placed on the top of a small ruined temple on the highest point of the rocky hill on which are the celebrated carvings. The temple was roofless; cross walls were constructed inside the temple from the middle of each side, and on this was built a platform of stone slabs 8 or 9 inches thick. On this the lantern has been placed and is firmly attached to it. This platform is 119 feet above mean sea level, and the light is some 4 feet higher. The light is a red one, and is visible 10 miles out at sea. Access to the rock is obtained by first a steep pathway with stone steps at intervals, then turning to left by stone steps built in a passage which has been blasted up the face of the rock.

On arriving nearly at the top a turn is made to the right, and the temple door is reached by some more steps. From the temple floor you gain access to the lantern by a ladder. One of the partitions into which the temple is divided by the cross walls is used as a store-room.

It would be as well to have the interior of the temple walls whitewashed so as to improve the light. Lightning conductor has still to be fixed, and I ordered this to be attended to without delay; an indent has been made on Public Works Stores for a further length of copper rope, the quantity sent being of insufficient length to reach the well, which it is proposed to make a short distance from the foot of the hill where there is said to be plenty of water at a depth of 8 feet in the dry weather.

2. The Superintendent's quarters and out-houses are not far from completed, but the tiles used in the Superintendent's quarters are not of sufficiently good quality, and orders have been given to remove those used and replace them by better ones.

The contractor has no excuse for putting up inferior tiles, as he was warned by the Executive Engineer more than a month ago that he must obtain good ones.

It is necessary that land should be obtained near the quarters for a well. The owners are unwilling to give up the land, so it must be taken up under the Act.

3. A bungalow has been ordered to be built for the benefit of canal officers and visitors to the Seven Pagodas. This is to be built west of the rocky ridge not far from the proposed new line of canal.

I venture to think it would be preferable to build it near the sea in the neighbourhood of the shore temples. The road from the canal to this point is tolerably good, and would not require much attention.

4. The Superintendent's quarters consist of two rooms, 14 × 12 and 12 × 9½, surrounded by an enclosed verandah, so as to form nine rooms of different sizes; besides this there is a small store-room at one corner.

The out-houses consist of a cook-room, a privy and a godown.

5. Close at hand there are five lascars' huts in one block. These are in use and in good order; each hut has one room 12 × 10 with a pial in front 4½ feet wide and a small courtyard.

6. On the 16th instant I visited the Madras light-house, accompanied by Mr. Milne. It is in the same state it was when last inspected. An estimate was prepared for carrying out the repairs suggested by you. Some of the items were struck out by the then Acting Master Attendant. The repairs are now about to be carried out.

The inside of the well requires plaster in places, and it would be as well if it was whitewashed to improve the light. The windows and hooks of the apertures all the way up require repair. Brass hooks are to be supplied.

The iron supports to hand-rail are corroded and require attention, and they should be painted. The light is at present being repaired by the Marine Department. The light will be re-exhibited on 1st April. Lightning conductor is in good order. It was tested some three months ago. The outside gallery at the top is to be made safe by a double rail on standard. The store-rooms at bottom of light-house are in need of repair, especially the roofs which leak. The joists are, it is believed, sound, but the terracing will probably have to be renewed and the roofs to be plastered with Portland cement.

The privy requires better ventilation, and something should be done to prevent the rain beating in through the upper ventilators. Holes should be made in the wall close to the ground to ensure a proper current of air from bottom to top of the privy.

Order—dated 6th April 1888, No. 1040 W., Public Works.

Communicated to the Marine Department for information.

2. It would seem that the temple over which the Seven Pagodas light is fixed is of no architectural interest, but before the whitewashing of the interior is commenced Mr. Rea of the Archæological Survey should be consulted.

3. The Superintending Engineer will take the necessary steps for the acquisition of the land required for a well near the Light-house Superintendent's quarters.

4. The Chief Engineer for Irrigation will report on the proposal to alter the site of the canal inspection bungalow, which is to be built near the Seven Pagodas.

5. The Superintending Engineer will issue the necessary instructions with respect to the additional repairs, &c., required at the Madras light-house.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Marine Department.
,, Chief Engineer for Irrigation.
,, Superintending Engineer, V Circle.
,, ,, ,, II ,,

Exd. J. Moses.
Spare Copies

13/4/88

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated April, 6th.

Recd. *Encl.*

G.O., 6th April 1888, No. 1040 W.

APRIL.

Light-houses at the Seven Pagodas and Madras

Orders on inspection report by the Superintending Engineer, V Circle, of the —

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from C. VINCENT, Esq., Executive Engineer, Buckingham Canal Division, to the Superintending Engineer, II Circle, dated Madras Basin, 25th April 1888, No. 84 :—

With reference to para. 4 of G.O. No. 1040 W., of the 6th instant, forwarded with your endorsement No. 17 B.C., of the 19th instant, I have the honor to report that the site for the bungalow to be built at the Seven Pagodas was decided upon principally with reference to the position of the new line of canal. The accompanying rough sketch illustrates the position.

A is the site fixed upon close to the new line of canal. The alternative site is *B* on the other side of the hill and some distance from the canal. The relative advantages and disadvantages of the two sites are as follow :—

B is somewhat nearer (about 500 yards) the caves and sculptures, and faces the sea, from which, however, it is cut off by a thick Casuarina plantation. On the other hand, it is unpleasantly near the village.

A is on the bank of the new line of canal, so that boats will stop opposite the bungalow, and it is within *easy* reach of all the objects of interest. My own experience on the canal leads me to say that if a bungalow is not close to the canal, one prefers to remain in one's boat rather than transport all one's things to some distance for a short visit; and as the bungalow is to be built out of canal funds this weighed with me in fixing on the site. I think it very probable that Colonel Vibart was not aware that the new line of canal would pass close to the selected site, and as the present line is a quarter of a mile to the westward, the site may certainly have appeared inadvisable.

The land schedule for the selected site has gone in, but the land has not yet been handed over, so that it is not too late to make a change if thought advisable, though it would cause a certain amount of delay, and would probably prevent the bungalow being completed before next cold weather, as is, I believe, particularly desired. On the whole, however, I prefer the site already chosen for the reasons I have given.

No. 30 B.C.

Forwarded, in original, together with the rough sketch, to the Chief Engineer for Irrigation, with reference to his memorandum No. II/21 B.C., dated 20th April 1888.

BEZVADA,
1st May 1888.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

No. 44 E.W.

Forwarded to the Chief Engineer, Public Works Department, with reference to para. 4 of G.O. No. 1040 W., dated 6th April 1888.

2. The Chief Engineer for Irrigation considers that the site first selected near the canal, is the best for the bungalow, as it is thought the bungalow should be near

the canal, so that camp kit, &c., can be, without trouble, carried from boats to the bungalow.

3. The site proposed by Colonel Vibart appears to have but little, if any, advantage over the original site; it is only about 500 yards nearer the caves and sculptures; it is too near the village to be agreeable; it is shut off from the sea by a Casuarina plantation, and the distance from the canal will, it is considered, prove disadvantage.

OOTACAMUND,
11th May 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

ORDER—dated 16th May 1888, No. 1438 W., Public Works.

The site selected near the canal, marked A on the plan, for the proposed inspection bungalow is approved.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" " " V "
" Chief Engineer for Irrigation.

Exd. F. R. Bantlem an.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated May, 16th.

Recd. *Encl.*

G.O., 16th May 1888, No. 1438 W.

MAY.

Seven Pagodas

Inspection bungalow.—Approving of the site selected near the canal marked A on the plan for the proposed —.

No. 84

Buckingham Canal Divn Office
Madras Basin 25th April 1888

From
C. Vincent Esqre
Executive Engineer
Buckingham Canal Divn

To
The Superintending Engineer
2nd Circle.

Sir,

Encls: 1.

With reference to para 4 of G.O. No. 1040 W of the 6th instant forwarded with your endorsement No. 17 B.C of the 19th instant I have the honor to report that the site for the bungalow to be built at the Seven Pagodas was decided upon principally with reference to the position of the new line of Canal. The accompanying rough sketch illustrates the position. A is the site fixed upon close to the new line of Canal. The alternative site is B on the other side of the hill and some distance from the Canal. The relative advantages & disadvantages of the two sites are as follows.

B is somewhat nearer, (about 500 yards) the Caves & Sculptures and faces the sea

sea, from which however it is cut off by a thick Casuarina plantation. On the other hand it is unpleasantly near the village.

A is on the bank of the new line of Canal, so that boats will stop opposite the bungalow, and it is within easy reach of all the objects of interest.

My own experience on the Canal leads me to say that if a bungalow is not close to the Canal one prefers to remain in one's boat rather than transport all one's things to some distance for a short visit, and as the bungalow is to be built out of Canal funds this weighed with me in fixing on the site. I think it very probable that Colonel Vibart was not aware that the new line of Canal would pass close to the selected site, and as the present line is a quarter of mile to the westward, the site may certainly have appeared inadvisable.–

The land schedule for the selected site has gone in, but the land has not yet been handed over so that it is not too late to make a change if thought

advisable

advisable, though it would cause a certain amount of delay and would probably prevent the bungalow being completed before next cold weather as is, I believe, particularly desired. On the whole however I prefer the site already chosen for the reasons I have given.–

I have the honor to be
Sir
Your most obedient Servant

Executive Engineer
Buckingham Canal Dn.

VP

No. 30 BC

Forwarded in original, together with the rough sketch, to the Chief Engineer for Irrigation, with reference to his Memo No. $\frac{II}{21 B.C.}$ dated 20th April 1888.

J Hannan
Superintending Engineer,
2nd Circle.

Suptg. Engr's Office,
2d Circle, Bezvada.
1st May 1888

JW
1-5-88

SUPG. ENGINEER'S OFFICE
No. 32·B C
30 APR. 88
SECOND CIRCLE

From
C. Vincent Esqre
Executive Engineer
Buckingham Canal Dn

CHIEF ENGINEER
No. 23 B C
7-MAY. 88
FOR IRRIGATION

To
The Supg Engineer
" 2nd Circle

Dated 25th }
Despd 26th } April/88
Recd }

E.1
PW 4520/88

Enclo: 1

No 84

Site for the Bungalow to be built at the Seven Pagodas

Forwards a Sketch showing the position of ——

To E.1
7/5

With an Endorsement
within No $\frac{30\ B\ C}{1\text{-}5\text{-}88}$

SECRETARY TO GOVERNMENT
11 MAY 88
P.W. DEPARTMENT, MADRAS.

Endorsement from the Superintending Engineer, Second Circle, No. 30. B.C.
dated 1st May 1888

3P

No. 44 I.W.

Forwarded to the Chief Engineer P.W.D. with reference to para 4 of G.O. No 1040. W. dated 6th April 1888.

2. The Chief Engineer for Irrigation considers that the site first selected near the canal is the best for the bungalow as it is thought the bungalow should be near the canal so that Camp Kit &c can be without trouble carried from boats to the bungalow.

3. The site proposed by Colonel Vibart appears to have but little, if any, advantage over the original site, it is only

about

No 32-BC

about 500 yards nearer the Caves, and sculptures, it is too near the village to be agreeable, it is shut off from the sea by a causuarina plantation and the distance from the canal will, it is considered, prove, disadvantage.

Ootacamund }
11th May 1888 }

Col. R.E.

Chief Engineer for Irrign

To

The Chief Engineer
P. W. D.

1040 rr 6-4-88.

PWC No: 4520

The Bungalow is a Canal Inspection Bungalow primarily & Col. Vibart's site is out of the question. Its use by visitors to the antiquities is quite a secondary consideration

R/15-5-88

~~4100 A~~ 4P E.2

No. 1438 W. d/ 16th May 1888

PPH 12 May

The site selected near the canal marked A on the plan, for the proposed inspection bungalow is approved.

I

11/5/88.

15/5/88

S. E. II Circle
S. E. V Circle
C. E. for Irrigation.

O.I. 554: V
Han. 11: V
m: 12: V

Govt. of (1888) Madras.
PUBLIC WORKS.

~~16/5/88~~ ~~17/5~~

Dated

Recd. Encl.

G.O., 16th May 1888, No. 1438 W

Seven Pagodas

Inspection bungalow

Approving of the site selected near the canal marked A on the plan for the proposed —.

~~4~~ ~~85/5~~

20/5

16/5 86/5 20/5

No. 839.

Superintending Engineer's Office
— 5th Circle Madras —
Bangalore 28th May 1888 —

From,

Colonel A. M. Vibart R.E.
Superintending Engineer
— 5th Circle —

To

The Chief Engineer
— P. W. Department —

Sir,

With reference to G.O. No. 1438 W dated 16th May 1888, I have the honor to state that the Executive Engineer Buckingham Canal has utterly mis-conceived my suggestion regarding site for Bungalow. I have not seen the sketch he alludes to, nor do I understand how he fixed the point B.

The Chief Engineer for Irrigation has, of course, taken the sketch to be correct and has condemned the site proposed.

It is not perhaps a matter of great importance but I wish to point out that in my report of 22nd March para 3. I said

"it

"it would be preferable to build it near the sea in the neighbourhood of the shore temples"

The site proposed by me is not near the Village nor is it cut off from the sea by a Casurina plantation. In point of fact it is to the East of the Casurina plantation and between it and the sea — close to the ~~stone~~ shore temples.

I was quite aware of the proposed change in the line of Canal as Mr. Power told me of it. I thought that as the Bungalow was to be built as much for visitors to the Caves ~~and~~ as for Canal Officers; it would be better to have it in a position where they could enjoy the Sea-breeze.

I have the honor to be
Sir,
Your most obedt. servt.
Henry Vibart Colt. R.E.
Superintending Engineer
— 5th Circle —

P.W.C No 5040

From
The Superintending Eng
5th Circle

To
The Chief Engineer
P. W. Deptt.

Dated 28th
Recd 30 } May 1888.

Encl.

No. 2074 C d/1st June 1888.

No. 839.

States that the Executive Engineer Buckingham Canal has utterly misconceived his suggestion regarding the site for Bungalow.

Circ 5040

Dir.

For orders whether the sketch attached to G.O. No 1438W of 16.5.88 may be sent to Col. Vibart with request that he will mark thereon the site recommended by himself -

Ch
31.5.88

Yes
1.6.88

No. 1438 W d/ 16-5-88
" 1040 W " 6-4-88

R.No. 2146

No. 2074 C.

Government of Madras.

PUBLIC WORKS DEPARTMENT,

Chepâk, 1st June 1888.

OFFICE NOTE.

From

W

To

S.E.V.

your letter No. 839
dated 28-5-88

The sketch submitted by Mr. Vincent is forwarded herewith. Please mark on it the site suggested by you for the inspection bungalow at the Seven Pagodas.

(Sd) W. L. C. B.

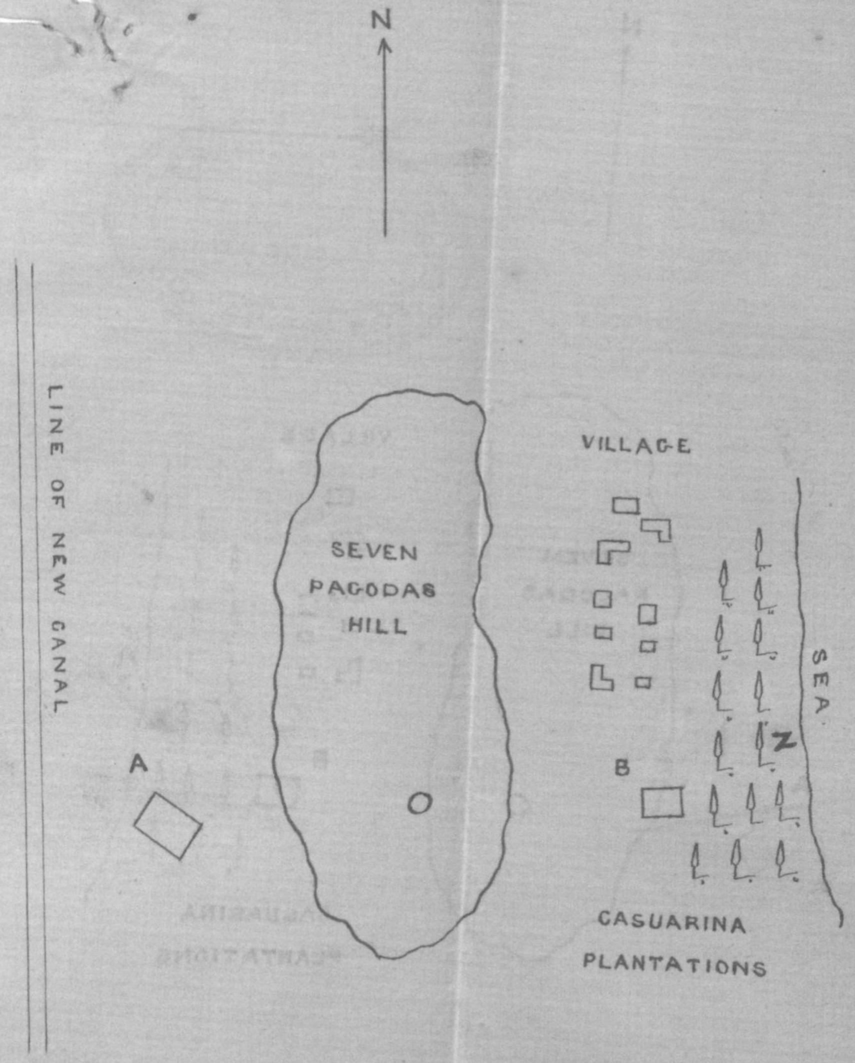
1-6-88

D.W.

T - [illegible]
1-6-88

D
2/6/88

D 5/6.



25th APRIL 1888.

EXECUTIVE ENGINEER

BUCKINGHAM CANAL DIVISION.

1/2144
2.6.88.

CHIEF ENGINEER
No. 2313C
7-MAY 88
FOR IRRIGATION.

Ex

PW ~~[illegible]~~
5327/88

1438W

No. 1438 W d/ 16-5-88

Rg No. 214 W
2.6.88.

No. 2074 C.

Government of Madras.

PUBLIC WORKS DEPARTMENT,

Chepâk, 1st June 1888.

OFFICE NOTE.

From

W

To

S. E. V

Your letter No. 839 dated 28.5.88.

The sketch submitted by Mr. Vincent is forwarded herewith. Please mark on it the site suggested by you for the inspection bungalow at the Seven Pagodas.

WCH
1.6-88

Dw

No 2074 C a/ 1-6. 88
" 1438 W a/ 16. 5. 88.
" 1040 W a/ 6. 4. 88.

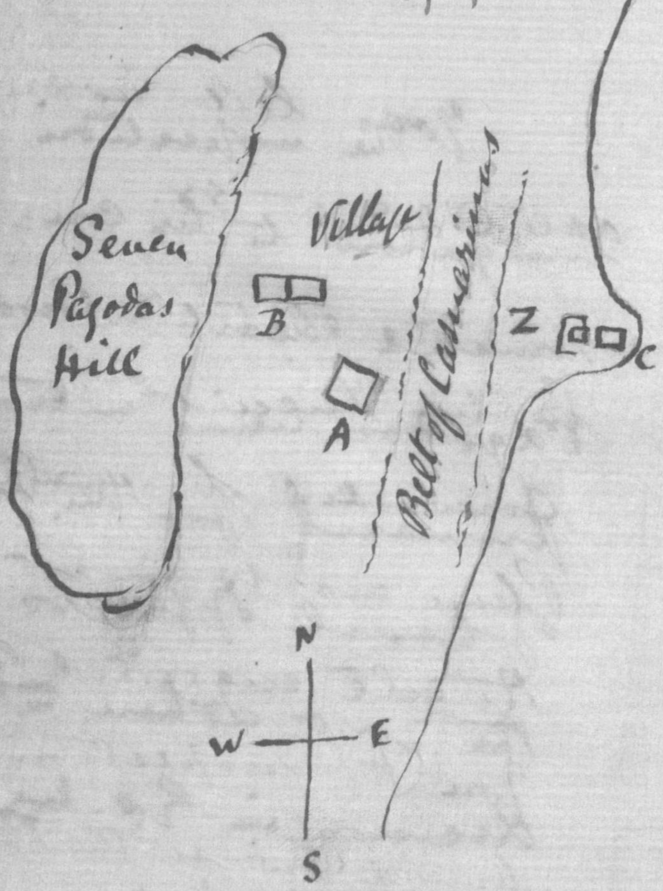
PWC No 387

No 942.

To D W.

It is not easy to mark the site I proposed + Mr Vincents on this sketch, because it is inaccurate. but I have marked it Z (approximately) The Shore temples are not marked - where they are situated the land juts out into the sea to a small extent as shown below.

Hunt
5/6/88 S. E



A. Square tank
B. Modern Pagoda
C. Shore temples
Z. proposed site for Bungalow.

No 1822 W d/ 19-6-88
Ry 8-6-88
E.7
(Sketch

0/8/6. C. 1159. 6 R 12 6/88 M 12 6/88
R. 11-6-88

No 1822 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 19th June

READ the following

From the S. E. V Circle No 839 d/ 28. 5. 88
" " — do — . 942 d/ 5. 6. 88

PPH
12 June

Visitors (undoubtedly) must do without the sea breeze

V

The inspection bungalow to be constructed near the Seven Pagodas being intended primarily for the use of Canal officers, the Govt. adhere to the decision in G.O. No 1438 W d/ 16. May 1888, in favour of the site proposed by Mr Vincent - Colonel Vibart's re in the letters al