

(1) Number of pages _____

(2) Date of receipt _____

(3) In the office of _____

MADRAS RECORD OFFICE.

Government of Madras.

RECORDS DEPARTMENT.

G.O. No.	Press
Dated	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
15th May 1869.*

No. 352. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Public Works Department, dated Tanjore, 23rd April 1869, No 108 —

I HAVE the honour to inform you that a requisition was lately made, by the Officer Commanding the Southern Division, for the preparation of a plan and estimate for a new privy for the Hospital for Her Majesty's British Troops at Trichinopoly. According to the number of patients it was found that six seats were required, and hence an estimate was prepared, providing this accommodation, according to the Standard Plan, forwarded with G. O., No. 2,982, dated 17th September 1866.

1 Plan
1 Memorandum, No 784, of 9th April, containing Sanitary Commissioner's letter, No 874, to be returned

2. The plan and estimate, it would appear, were submitted to the Sanitary Commissioner, who states* that it is not adapted to the use of dry earth, and

* Paragraph 4.

recommends alterations according to the enclosed plan.

3. In the Standard Plan the privy-seats are placed against the wall of the privy adjacent to the passage for the sweeper. the latter has a flat, and the former a pent-roof. Under the arrangement proposed by the Sanitary Commissioner, the sweeper's passage is to be separated from the privy by an iron partition three inches thick, to admit of the sweeper obtaining easy access to the pans. This would

Half-inch plate would be sufficient

reduce the width of the building by nearly one-and-a-half feet, and the pent-roof might be carried across the passage for the sweeper.

4. I have the honour to request that you will be good enough to inform me whether, for the privy in question, the Standard Plan may be modified, as explained above, to meet the views of the Sanitary Commissioner.

From the Sanitary Commissioner, Madras, to the Quarter-Master-General, Fort Saint George, dated Madras, 2nd April 1869, No 874

I HAVE the honour to acknowledge the receipt of your memorandum, No 2,205, of 22nd instant, giving cover to a plan and estimate (herewith returned,) for a latrine for the European Hospital at Trichinopoly

1 Plan
1 Estimate
1 Plan (ground)
1 Letter from Officer Commanding Southern Division, to Quarter Master General, No 79, dated 9th March 1869

2 The letter from the Officer Commanding the Southern Division indicates that the latrine

is required for the joint use of the sick of Her Majesty's British Troops and Garrison Details. From my knowledge of the requirements of this Hospital, I felt sure that it was intended for the use of the sick of British Troops only; and, at my recent visit to Trichinopoly, I ascertained that this is the case. The latrine is required for the sick of Her Majesty's British Troops exclusively.

3. In my report upon Trichinopoly, at page 71, will be found a plan of the Hospital with the then proposed division of the building, so as to accommodate the sick of the Garrison, which division has since been carried out. Two latrines are shown upon the plan, and it is the one in connection with the right section of the Hospital which it is required either to alter or to rebuild, so as to adapt it to the dry-earth system.

4 The plan submitted by the Superintending Engineer of the 6th Division is in accordance with the Standard Plan upon "Hathaway's system". It is not, however, adapted to the use of dry earth, while the addition of a cart-stand is not, in this particular instance, necessary, as the cart-

*Proceedings of the Madras Government, Public Works Department,
15th May 1869.*

stand would be best made in connection with the latrine attached to the Garrison Hospital, which is situated close to the rear gate, by which the cart has access to the Hospital

The cart-stand may, therefore, be omitted from the plan of the proposed latrine. Neither do I think the sweeper's room necessary

5 The plan in other respects is not suited to the dry-earth system. I am about to bring this subject to the notice of Government, as no Standard Plan for dry-earth latrines has yet been fixed upon. That known as the "Standard latrine" is really upon Dr. Hathaway's system; no provision being made for the storage of earth, or for the facile application of earth to the pans

6 The great fault in these plans is the thickness of the wall separating the privy proper from the sweeper's passage, owing to this thickness the pan stands at the end of quite a long passage, and is beyond the reach of the toty, who can, with great difficulty, pass earth into the pan after use, or remove it for transfer of its contents to the "receptacle".

Another fault in the plan is that the sweeper's passage is not roofed in which it should be

7 The plan then requires the alterations I have now to indicate, to adapt it to the dry-earth system —

I — The rear wall separating the privy from the sweeper's passage should be of sheet iron only. The pans will thus be brought within easy reach of the attendants.

II — Above each seat, at the height of about eighteen inches, a small aperture should be left in the iron partition to enable the sweeper to see when a seat is in use, so that on the occupant rising, he may withdraw the pan, and apply the necessary charge of earth

8 I submit a sketch showing this arrangement, and a ground-plan of latrine suited to this particular instance. I observe that six seats are provided, but that no provision is made for a urinal. I would suggest that one of the seats be converted into a urinal, special arrangements being made for the removal of the vessel from the rear through an iron door

9 I would beg to suggest that the Executive Engineer be requested to submit fresh plans and estimates for a latrine upon this arrangement

From the ground-plan I have sent, he will be able to prepare sections and elevations showing the details of construction

10 The privy should communicate with the Hospital by a covered way.

11 The old building is quite incapable of being converted into a dry-earth latrine

From the Quarter-Master-General, to the Officer Commanding Southern Division, dated Fort Saint George, 5th April 1869, No. 2,533

FORWARDED to the Officer Commanding, Southern Division, with reference to his letter, No 79, dated 9th March 1869, the enclosures of which are herewith returned

2 The Executive Engineer should be requested to take into consideration the suggestions of the Sanitary Commissioner on the subject of a plan of a latrine for the European Hospital at Trichinopoly

3 The return of the enclosures is requested

From the Deputy Assistant Quarter-Master-General, Southern Division, to the Superintending Engineer, 6th Division, dated Trichinopoly, 9th April 1869, No 784

The undersigned has the honour, by order, to return the accompanying plan and estimate for a privy for the European Detail Hospital, Trichinopoly, received with letter from the Superintending Engineer, dated 27th February 1869, No 1,263

2 The plan having been submitted by the Quarter-Master-General to the Sanitary Commissioner, it has been objected to by him

*Proceedings of the Madras Government, Public Works Department,
15th May 1869.*

3 Copy of his letter on the subject, with the Quarter-Master-General's Endorsement, No 2,530, of 5th instant, is forwarded for information, also the ground-plan referred to by Dr Ranking

4. It is requested that a revised plan and estimate may be forwarded, according with the Sanitary Commissioner's suggestions.

5 The ground-plan to be returned when done with

No. 353. ORDER THEREON, 15th May 1869, No. 1,603.

MILITARY WORKS, No. 13

UNDER the circumstances explained in these papers, the Government approve of the modified plan recommended by the Sanitary Commissioner being adopted for the proposed privy for the European Hospital at Trichinopoly.

(True Extract)

Colonel, R E,

Secretary to Government.

To the Superintending Engineer, 6th Division.
,, Military Department

Exd F.R. Bantleman.

Govt. of India

PUBLIC WORKS

To

THE SUPERINTENDING ENGINEER

61, D. V. C.

Secy. to Govt.

Dated May, 1869

Recd

G O, 15th May 1869, No 1000

MAY.

Nos. 352-353

European Hospital at Trichinopoly -
The modified plan recommended by the
Sanitary Commissioner for the proposed
privy for the European Hospital at Tri-
chinopoly, approved.

No 874

Office of Sanitary
Commissioner

Madras 2^d April 1869

From

Sanitary Commissioner

Madras

The Quarter Master General
Fort St George

Enclosures 4

1 Plan and
1 Estimate

1 Plan (ground)

1 Letter from

Officer Commanding

Southern Division

to Q. M. General

No 79 of 9 March 69

I have the honor to acknowledge
the receipt of your Memo No 2205 of 22nd
instant giving over to a Plant Estimate
for a Latrine for the
European Hospital at Trichinopoly.
The letter from the Officer commanding
the Southern Division indicates that
the Latrine is required for the joint
use of the sick of H. M. S. British Troops
and garrison details. From my
knowledge of the requirements of this
Hospital I felt sure that it was in-
tended for the use of the sick of British
Troops only and at my recent visit to
Trichinopoly I ascertained that this is
the case. The Latrine is required for the
sick of H. M. S. British Troops exclusively.
In my report upon Trichinopoly
at page 71 will be found a Plan of the
Hospital with the then proposed division
of the building so as to accommodate
the

the sick of the Garrison which division has since been carried out. Two latrines are shown upon the plan, and it is the one in connection with the right section of the Hospital which it is required either to alter or to rebuild so as to adapt it to the dry earth system.

4. The Plan submitted by the Supg. Engineer of the 6th Division is in accordance with the Standard Plan upon "Hathaway's system". It is not however adapted to the use of dry earth, while the addition of a Cart stand is not in this particular instance, necessary, as the Cart stand would be best made in connection with the latrine attached to the Garrison Hospital which is situated close to the rear gate by which the cart has access to the Hospital.

The Cart stand may therefore be omitted from the plan of the proposed latrine. Neither do I think the sweepers room necessary.

5. The Plan in other respects is not suited to the dry earth system, I am about to bring this subject to the notice of Government as no Standard Plan for dry earth latrines has yet been fixed upon. That known as the "Standard latrine" is really upon Dr. Hathaway's system no provision being made for the storage of

of earth, or for the facile application of earth to the pans.

6. The great fault in these plans is the thickness of the wall separating the privy proper from the sweepers passage. owing to this thickness the pan stands at the end of quite a long passage and is beyond the reach of the totie who can with great difficulty pass earth into the pan after use or remove it for transfer of its contents to the receptacle.

Another fault in the Plan is that the sweepers passage is not roofed in which it should be.

7. The plan then requires the alterations I have now to indicate to adapt it to the dry earth system.

I. The rear wall separating the privy from the sweepers passage should be of six 1/2 inches. The pans will thus be brought within easy reach of the attendant.

II. A low seat at the height of about 18 inches a small aperture should be left in the iron partition to enable the sweeper to see when a seat is in use so that on the occupant rising he may withdraw the pan, and apply the necessary charge of earth.

8. I submit a sketch showing this arrangement and a ground plan of latrine suited to this particular instance.

P. I would beg to suggest that the Executive Engineer be requested to submit fresh plans and Estimates for a latrine upon this arrangement.

From the ground plan I have sent he will be able to prepare sections and Elevations showing the details of construction.

10. The privy should communicate with the hospital by a covered way.
11. The old building is a

11. The old building is quite incapable of being converted into a dry earth latrine.

I have the
signed of R. R. King
Barilaig Comd of
Madras.

No. 2530
 2^d Mr. Grant's Office
 Fort George 5 April 1869
 sent to the Office

Forwarded to the Officer commanding
Southern Division with reference to his letter
No. 79 dated 9th March 1862 the enclosures
of which are herewith returned

2. The Executive Engineer should be requested to take into consideration the

the suggestions of the Sanitary Commission
on the subject of a Plan of a Lathouse
for the European Hospital at Trichinopoly
3 The return of the enclosures is requested.

To The officer commanding
Southern Division

By order
/signed/ C. Cooke Col
2nd General

No 784 Dyad 2^a W. G. L. G. off. S. G. M.
Trickmorf 7 April 1863

From The Dy Asst Lt. Col. General
Southern Division
To The Sup. Engineer 6. Division
Savannah

The undersigned has the honor by order
to return the accompanying plan & Estimate
for a privy for the European detach Hospital Tri-
-chinois received with letter from the Chief
Engineer dated 27 February 1869 N^o 1263
of the 1st of March 1869 submitted

2. The Plan having been submitted by the Quarter Master General to the Sanitary Commission it has been objected to by him.

to pay him.
3 Copy of his letter on the subject with the D. W.
Genl's endorsement No. 2530 of 5th Instant. is
forwarded for information also the
ground plan referred to by D. W. Ranking

4. It is requested that a revised Plan and Estimate may be forwarded according

According with the Sanitary
Commissioner's suggestions.

5 The ground plan to be returned
when done with

By order

/signed/ W. H. Anderson Major

by Asst. Dir. M. H. B. G.

/True Copies/

W. H. Anderson Captain R.E.
Supt. Engineer 6th Division

rec'd office 6th
April 1869

Mrs R.E.

Engineer
Division

R.E.

Wm. H.
Co. Capt. R.E.

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for a New
to for H.
R.E. According
found that

6 that were required and hence an
Estimate was prepared providing this
accommodation according to the
Standard Plan forwarded with G. O.
No 2982 dated 17th September 1866.

The Plan and Estimate, it
would appear, were submitted to the
Sanitary Commissioner who states
that it is not adapted to the use of
dry Earth and recommends alterations
according to the enclosed Plan.
In

Acc
Comm
5. G
when d

Enclosure No 2
in a letter dated 23^d
April 1869 No 108
From the Supg. Engineer
6th Division

To The Secretary to Government
P. W. Department

11/11/3/69

Copies of letters of
the Sanitary Commissioners,
and the Quarter Master
General regarding a
New Privy for the Hospital
for H. M. British troops
at Pucknong.

Trans-15 May 1869 L. No 352.-

No 108

Super Engineer
Dunoon 23 April 1869

From Captain R. F. Clarke R.E.
Superintending Engineer
6th Division

To Colonel C. A. Orr R.E.
Secretary to Government
Public Works Department

Sir,
I have the honor to inform you that
a requisition was lately made
by the Officer commanding the
Southern Division for the preparation
of a Plan & Estimate for a New
Privy for the Hospital for H.
M. British troops at Pucknong. According
to the No of patients it was found that
6 seats were required and hence an
Estimate was prepared providing this
accommodation according to the
Standard Plan forwarded with G. O.
No 2982 dated 17th September 1866.
The Plan and Estimate, it
would appear, were submitted to the
Sanitary Commissioner who states
that it is not adapted to the use of
dry Earth and recommends alterations
according to the enclosed Plan. In

In the Standard Plan the privy seats are placed against the wall of the Privy adjacent to the passage for the sweeper; the latter has a flat and the former a pent roof. Under the arrangement proposed by the Sanitary Commissioner, the sweeper's passage is to be separated from the privy by an iron partition 3" thick, to admit of the sweeper obtaining easy access to the pans. This would reduce the width of the building, by nearly $1\frac{1}{2}'$ and the pent roof might be carried across the passage for the sweeper.

I have the honor to request that you will be good enough to inform me whether for the Privy in question the Standard Plan may be modified as explained above to meet the views of the Sanitary Commissioner.

I have the honor to be

Sir
Your most obed^t servant

H. T. G. Aker (Captain R.E.
Supy Engineer 6th Division

101603

Proceedings of the Madras Govt.
Under date the 15th May 69.
Read the following

From the top layer of the
6" Divⁿ - (K.R. No 1087) 23rd April 1909

Under the cir-
cumstances explained
in these papers, the
Government approve
of the modified plan
recommended by the
Sanitary Commissioner
being adopted for the
proposed prison for the
European Hospital at
Trichinopoly -

S. Aug. 6th D.W. ✓
25 July Sept ✓ Recd 17/5/6

1869 Oct 20 to
 the Editor of the
 New York Times
 The Editor
 Sir:

20
Weinstein & Co
1742 Ave

March 23rd April 26th

13108

Book 12

Brooklyn, N.Y.,
Feb. 15 - 1894.
Dear Mr. C. J. Smith:

experience of the
 the military Commission
 of the Southern Quarter General
 relative to the construction
 of a New Prison and
 Requests to be informed
 whether the Standard
 Plan may be modified
 to meet the views of
 the Southern Commission.

Ms. B. 5. 7.
© 12878 Colville 1869 C.A. - Zuluway

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e. 28th April 1869 R. Z. Wherry

20

e. 28 April 1869 D. Zwinn

C. 28 Dec 1869 A. 2. 1/2

Dec 17/13

1869

PUBLIC WORKS.

The Superintendent Engrs.
to the Division

15 May 1869

No. 352-353

European Hospital at Honolulu.

By the modified plan recom-
mended by the Sanitary Com-
~~mission~~ for the purpose
being for the European Hospital
at Honolulu, approved.

C. 28 Dec 1869 A. 2. 1/2