

(1) Number of pages 22
(2) Date of repair 12-8-88
(3) Initials of the Referencer lour

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

I

G.O. No. <u>2954W</u>	Press
B.P. No.	Mis.
Dated <u>22-7-1878</u>	-197-

Not to be folded or roughly handled.

V S. M.

2954

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT.

22nd July 1878, No 2,954 W

Buildings and Roads
Military Works

Read the following papers —

No 218. From Colonel F J MOBLRLY, R E, District Engineer, Bangalore, to the Chief Engineer, Public Works Department, dated Bangalore, 26th June 1878, No 29

In reply to G.O., No 2,552 W, dated 18th instant, I have the honor to report that the cistern at Agrem Pariacks was originally built 317 feet long with a low wall dividing it into two parts

2 The cistern leaked very badly, and, after attempts at petty repair, it was lined throughout under sanction of G.O., No 620, of 25th February 1873, the cost of the work being Rupees 977, and it is remained watertight ever since

3 Nothing has been attempted to the other half cistern, which can of course be lined in the same manner and, I presume, at the same cost

4 The Mechanical Engineer, however, was anxious to get a better command than 4½ feet allowed to reach the outlying Artillery troughs and I was requested by the Lieutenant-General Commanding the Division to raise the cross wall and to estimate for the removal of the half cistern which obstructed the ventilation of some buildings occupied by the Cavalry.

5 I was not aware, until I looked into the papers to answer the present call, that this limit of 4½ feet had been fixed by Government, and, not seeing any objection to the act, I raised the wall and allowed the Mechanical Engineer to fill the cistern gradually to 6 feet This was done some days ago and no injury has resulted I beg, therefore, permission to continue the retention of water at the greater height

6 There appears to be no necessity for the other half cistern; the existing reservoir holds plenty of water, but, until now, at too low a level

7 I would, therefore, submit that it is not advisable to expend Rupees 1,000 in making the rest of the reservoir watertight, it has, I may observe, been so completely ignored that no provision has been proposed for roofing it, which, I presume, would be necessary if it is to be retained

8 The estimate for demolishing it has been based on data procured in cutting down the masonry at the Commissariat Bakery reservoir for the insertion of the iron shoes to carry the trusses, &c The brickwork has been found very substantial

9 Experiments might be tried in cutting it into blocks by light charges of gun cotton, but I fear that that explosive is not procurable in Madras

—

No 218-A. *Note by the Chief Engineer, Public Works Department*

THE Chief Engineer recommends that the half cistern proposed to be demolished should be retained as it may yet be wanted

2 The failure of the cistern was due to its having been needlessly built on sloping ground, and the floor of one half of the cistern was laid on made earth The other half was repaired several years ago and has been in use ever since

2

PUBLIC WORKS DEPARTMENT, 22ND JULY 1878, No 2,954 W

3 When that half cistern was last repaired it was ordered that no more than 4½ feet of water should be retained in it, and the division wall had taken the two portions of the cistern was cut down with that view. The present District Engineer, not being aware of the order, has raised the wall so as to retain more water in the cistern. It is doubtful whether the extra depth can with safety be retained, and the District Engineer has been directed not to exceed the limit laid down.

4th July 1878

(Signed) E. A. FOORD, Colonel, R.E.
Chief Engineer, P.W.D.

No 218-B Endorsement of the Secretary to Government, Military Department, dated Ootacamund, 17th July 1878, No 3,591
From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 15th July 1878, No 542

In returning the documents received with your No 3,487, dated 11th instant, I have the honor by order to state that, as the Chief Engineer considers that the half cistern at the Agra Barracks should be retained, His Excellency the Commander-in-Chief does not wish that it should be demolished. In forwarding the estimate for dismantling the half cistern, His Excellency wished the question whether it should be dismantled or not to be decided by the Public Works Department.

TRANSFERRED to the Public Works Department, and the previous papers returned

(By order,)

(Signed) J. MICHAEL, Colonel,
Secretary to Government

No 218-C

ORDER THEREON, 22nd July 1878, No 2,954 W

His Grace the Governor in Council does not approve the demolition of the half cistern referred to in G.O., No 2,552 W, dated 18th June 1878.
Care should be taken that the limit of 4½ feet of water already fixed for the retention of the cistern in use is not exceeded.

(True Extract)

(Signed) E. A. FOORD, Colonel, R.E.
Secretary to Govt, P.W.D.

(True Copy)

Major R.E.,

Under Secy. to Govt, P.W.D.

To the District Engineer, Bangalore
" Military Department

Encl. T. D. Ryan
Spare Copies

No 3024

M. Dept

Letter from the District Engineer Bangalore,
No 69 dated 26th June 1878

Made by the Chief Engineer Mr. Report of 4th July

Transferred to the Military
Department for remarks by His Excellency
the Commander in Chief.

Recommended
9th July 1878

Edmund Walker
Secretary to Govt. M. D.

To the Military Dept
with original papers to be returned

W. A. L.

July 1878 with

No 3907

From
The Public Works Dept.

No. 3724.

St. 9 in }
No 10 in } July 78

2 P.

Transferring correspondence
relative to the demolition
of the half section at
the Lynn Harbors
Longshore

Do be returned with reply

(No 3907) Reported to Office
Inspector, the Commissioner,
July, with reference to the
action of the latter of 311 dated
12th June 1878.

(Enclosure 3)
11 July 1878

(Circular)

Murdoch

Secretary to Govt.

St.

The Director of Works

(With 2 enclosures (to be returned)
Returned 15th July 1878)

Ortsgemeinde
17. July 1875

Miss Thompson
to the Rev. Mr. Harris
Wald and his
nephew Joseph Harris

My dear
Alfred,
I have just
received your
letter of the 11th.

July 18th 1898. 20 ft.

100-4063
Francis P. McGuire

20 Medical Art and

Miss Mary

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the first winter at the
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of the University of
the University of

Geo. D. S. 425-3-72
 182-23-5-72
 2452-5-11-72
 Geo. 252-43-
 2453-8-12-73.
 2552 S. 18-6-78
 C.E. 2453-5-7-78.
 — 204-9-7-78

Cir 12.776 Dec 22 775.
of Dec 54 July

G.O. No 2552 W of 18 June 78
 " " 2986 " " 5 Dec 78
 " " 620 " " 25 July 73
 " " 2602 " " 5 Nov 72
 " " 1132 " " 3 May " "
 " " 846 " " 26 March "

Road & Rail Depts.

From
 The District Engineer
 Bangalore.
 To
 The Chief Engineer
 P. W. Deptt
 Madras.

24869

Dated 26th
 Recd June - 1878

Cistern for filtered water,
 Agrah Barracks - Reports
 on the question of dismantling
 them.

Lo acty 27-6-78

Cir 5-7-78.

Road & Rail Depts.

No 129

From

To

DISTRICT ENGINEER'S OFFICE

Bangalore 26th June 1878

The District Engineer

Bangalore.

The Chief Engineer
 Public Works Deptt
 Madras

SIR,

In reply to G.O. No 2552 W.
 dated 18th Instant, I have the honor
 to report, that the cistern at Agrah -
 Barracks was originally built 317 feet
 long, with a low wall dividing it into
 two parts.

2. The cistern leaked very badly,
 and, after attempts at stopping the leak, it
 was lined throughout under sanction of
 G.O. No 620 of 25th July 1873, the cost
 of the work being Rs 94, and has remained
 water-tight ever since.

3. Nothing has been attempted to
 the other half cistern, which, of course
 is lined in the same manner, and I

provision at the same cost.

4. The Mechanical Engineer however was anxious to get a further command, to throw $4\frac{1}{2}$ feet depth allowed, to reach the outlying Artillery, Trenches, and I was requested by the Lieutenant General Commanding the Division to raise the cistern wall, and to estimate for the removal of the half cistern, which obstructs the ventilation of some buildings occupied by the Cavalry.

5. I was not aware, until I looked into the papers to answer the present call, that this limit of $4\frac{1}{2}$ feet had been fixed by Government, and, not seeing any objection to the act, I raised the wall, and allowed the Mechanical Engineer to fill the cistern gradually to 6 ft. This was done four days ago, and no injury has resulted. I beg, therefore, permission to continue the retention of water at the greater height.

6. It now appears to be no necessity for the other half cistern; the existing reservoir

holds plenty of water, but, unless raised, at too low a level.

7. I would, therefore, submit, that it is not advisable to expend Rs. 1000 in making the rest of the reservoir watertight; it has, I may observe, been so completely ignored that no provision has been proposed for roofing it, which I presume, would be necessary if it is to be retained.

8. The estimate for demolishing it has been based on data procured in cutting down the masonry at the Commissariat Bakery Reservoir, for the insertion of the iron shore, to carry the truss. The brickwork has been found very substantial.

9. Experiments might be tried in cutting it into blocks by light charges of gun cotton. But I fear that that explosive is not procurable in Calcutta.

I

I have the honor to be,

Sir,

Your Most Obedt Servt

J. M. G. G. G.

District Engineer.

1877
9/6/76

Note by the Chief Engineer

The Chief Engineer recommends that the half cistern proposed to be demolished should be retained as it may yet be wanted.

The failure of the cistern was due to its having been needlessly built on sloping ground, and the floor of one half of the cistern was laid on made earth. The other half was repaired several years ago and has been in use ever since.

When that half cistern was last repaired it was ordered that no more than $1\frac{1}{2}$ feet of water should be retained in it, and the division wall between the two portions of the cistern was cut down with that view. The present District Engineer not being aware of the order has raised the wall so as to retain more water in the cistern. It is doubtful whether the extra depth can with safety be retained and the District Engineer has been directed not to exceed the limit laid down.

Edmund Cold
Chief Engineer D. O. G.

4-7-70

QUARTERMASTER GENERAL'S OFFICE,
4th Div. Cal. Cavalry
15th July 1878

No. 542.

From

BRIGADIER-GENERAL H. O'CONNELL,
Quartermaster-General,

To

COLONEL J. MICHAEL, CSI.,
Secretary to Government,
Military Department

SIR,

In returning the document received on the
your of 3487 dated 11th Instant, I have the honor to order,
to state that as the Chief Engineer considers that the
half Circle at the Agrum Barracks should be re-
-tained, His Excellency the Commander in Chief does
not wish that it should be demolished. In forward-
-ing the Estimate for dismantling the half Circle, His
Excellency made the question, whether it should be
dismantled or not, to be decided by the Public Works
Department.

I have the honor to be,
Sir,

Your obedient Servant.

H. O'Connell, Brig. General.

Quartermaster General

J.P.

Chas. F. 7. 78.
27. 7. 78

B. R.
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22/7/1878
Read the following.—

From the Dist Engr. Bangalore (H. 12 29 of 26 June 1878)
Letter by the Chief Engr. (H. 12 29 of 4 July 1878)
Enforcement in the M. S. Dept.
Letter from the Dist Engr. (H. 12 35 of 17 July 1878)
No 542 of 15 July 1878

His Grace the Governor
in Council does not approve
of the demolition of the
half centre referred to
in H. O. 2552. H. dated 18th
June 1878.

It should be taken
that the limit of 4½ feet
of water already fixed
for the position of the
centre in use is not

R. T.

preceded.

Oct 11

The Dist. & Reg. Brigade
The Military Department

3d Regt. 1st Div. 22nd 78
on Dec 17, 1878

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Cobt. of (1878) Ed:dris.

PUBLIC WORKS

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U. S. 22 July 1878, No 29546

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Barracuda, Bauria

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