

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1704	Press
424-425		~~Mis.~~
Dated	19-6	1865.

Not to be folded or roughly handled

26/11/42

*Proceedings of the Madras Government, Public Works Department,
19th June 1865.*

No. 474. Read the following Proceedings of the Madras Government in the Military Department :—

Recording certain correspondence relative to the
site, &c., of the proposed Reserve Powder Magazine at Saint Thomas' Mount, Madras District. (Here enter 12th June 1865, No. 2,188.)

No. 475. ORDER THEREON, 19th June 1865, No. 1,704.

MILITARY WORKS, No. 33.

No. 1,528, 5th June 1865.
,, 1,553, 7th do. ,, paragraph 3.

Communicated to the Superintending Engineer, 4th Division, whose attention will be requested to the Orders marginally noted.

(True Extract)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government

To the Superintending Engineer, 4th Division.

Exd. S. T. Augustin.

MILITARY DEPARTMENT.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

Memorandum from the Quarter Master General, Fort Saint George, 27th May 1865, No. 5755; to the Secretary to Government, Military Department.

In forwarding the within Report, in reference to paragraph 4 of Order of Government, No. 1610, dated 29th April 1865, the Quarter Master General has the honor, by order of His Excellency the Commander-in-Chief, to state, that another Committee has been ordered to inspect the site now suggested.

From the Officer Commanding Centre Division, Head Quarters, Madras, 23rd May 1865, No. 50; to the Quarter Master General, Fort Saint George.

With reference to your endorsement, No. 5068 of 4th May 1865, on Order of Government, Military Department, No. 1610 of 29th April 1865, I have herewith the honor to forward the Report* called for, regarding the progress that has been made in the construction of the Magazine at the Mount sanctioned in Proceedings of Government, No. 104 of 11th January 1865. The

Government Order, No. 1222, dated 5th May 1865, referred to by the Superintendent Engineer 4th Division, in the enclosed letter has not been received by the Division.

From the Superintendent Engineer, 4th Division, Madras, 20th May 1865, No. 282; to the Deputy Assistant Quarter Master General, Centre Division.

Since writing your letter, No. 611, dated 6th May 1865, I have no doubt that you have received G. O. No. 1222, dated 5th May 1865, explaining how it came to pass that no work was done to the new Powder Magazine at Saint

Thomas' Mount.

I apprehend still further delay in commencing the work, as His Excellency the Commander-in-Chief is going to look at a new site; the Executive Engineer has moreover sent in a modified plan which is now going to the Inspector General of Ordnance and Magazines for approval.

MEMORANDUM.
No. 15.

Reserve Magazine at the Mount.

Superintending Engineer, No. 139, dated 9th May 1865. Proceedings of Government, Department Public Works, Nos. 116 and 117, dated 5th May 1865.

The sanctioned Plan and Estimate for the Reserve Powder Magazine at the Mount, is herewith sent to the Superintendent Engineer; the site proposed for the Magazine is the side of a Hill and the difference between the levels of the front and rear walls of the enclosure would be at least thirteen feet and the cost of excavating for levelling and draining would be very great; it was therefore deemed advisable to frame another Estimate for a Magazine which would not cover so much ground, but which would hold as many barrels as the sanctioned Magazine, and would not cost more than it.

The Estimate with Plans is sent herewith. In order to economize space, it is proposed to arrange the horses so that they may hold more barrels in each bay than would the horses in the sanctioned Plan.

The Magazine near the Government Office in Fort Saint George, is considered a particularly good one; the width and height of it were therefore accepted for the proposed Magazine, and the Plan of the horses is also adopted. It was found that a Magazine 150 feet long with this section and with the similar horses would hold the requisite amount of Powder and at the end of the Magazine a shifting-room is provided under the same roof.

Ventilation from below is provided in the same way, as in the sanctioned Estimate, but the walls of the Magazine are made four feet thick, and three feet outside them runs a wall which forms a sort of flying buttress and encloses the ventilating gallery. The windows in the outer and inner walls are never in the same vertical section at right angles to the axis of the building.

All the compound of the Magazine is paved with granite.

It is proposed to paint the inside of the walls in order that the lime may not attract damp, and to prevent particles of lime and sand from dropping into the Magazine.

The Inspector General of Magazines is in favor of a high roof for the Magazine, but with the abutments shewn in the Plan, the Magazine might at any future time, if necessary, be furnished with a heavy covering of masonry for defence.

The sanctioned Estimate amounts to Rupees 45,500, but the work would cost considerably more than that sum, as the Estimate was framed for a Magazine to be built on a plain.

The Estimate for the proposed Magazine is Rupees 41,000 : a small Guard-room must be built and perhaps some money must be spent in drainage, but Rupees 45,500 will cover all.

From your private note received yesterday, it appears that the question of the site thereon to build the Magazine has not been definitively settled by His Excellency the Commander-in-Chief : till I receive further orders on that point, I am unable to break ground.

If you prefer the proposed to the sanctioned Plan, I beg you will do me the favor to have the former substituted for the latter ; if however you prefer the quadrangular building, a Supplemental Estimate for levelling and drainage can be prepared for sanction.

MOUNT RANGE OFFICE,
16th May 1865.

(Signed) H. N. D. PRENDERGAST, Major, v. c., R. E.,
Suptg. Executive Engineer, Mount.

ORDER, No. 2188, 12th June 1865.

Recorded.

(True Extract.)

Macmillan Sec
Under Secretary to Government.

To the Quarter Master General.
Public Works Department.
Inspector General of Ordnance.

With 20th June

Communicated to

The Superintending Engineer

*No 1528-5. Lt. Division, whose attention will
be requested to the order marginal*

*No 1553-7 sub. noted -
para 3.*

W. B.

W. B.

*Frank St George
19th June 1865*

To The Superintending Engineer.

Lt Division

Recd 20th June

Library for No

1704

Ed. T. Stubbs.

907 1865 Dep. Genl.
Proc. of Govt. for June
No. 2116.

Proc. of Govt. in the
Mil. Dept.

Recd. 12 } June
Recd. 14 }

No. 2188.

Recording certain
correspondence relative
to the site of the
proposed Reservoir
Magazine at St. Thomas
Mount. Masters Dist.

No. 474. 475

Thos. P. O'Neil
1704-19 June 1865