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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 358 Press ~~Mis.~~

451-453

Dated 30—1— 1864.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
30th January 1866.

Read the following papers:—

No. 751. Proceedings of the Madras Government in the Military Department:—

Forwarding plans and certain correspondence relative to the buildings required for the Ordnance, &c., Departments at Saint Thomas' Mount. } (Here enter 18th January 1866, No. 236.)

No. 752. From the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 18th January 1866, No. 3,678.

1. With reference to Proceedings of Government, No. 2,371, dated 17th August 1865, I have the honor to report that, in conjunction with Mr. Fraser, C. E., Captain Rogers, Executive Engineer Mount Range, and in communication with the Military authorities, (represented by Major Phillips, the Deputy Assistant Quarter-Master General of the Centre Division). I have selected a suitable site for the proposed Adyar tank near Saint Thomas' Mount, the position of which (as also that of the contemplated new Military buildings) is shown on the accompanying plan, which is drawn to the same scale as that which was submitted with my letter No. 1,257, dated 8th August 1865.

1 Plan.

2. It is necessary to explain that the ground upon which it is proposed to locate the new Gun Powder Manufactory, and where a tank and paddy fields now exist is high, and can be easily drained.

Returned to the Public Works Department, with reference to Proceedings of Government, No. 236, dated 18th January 1866.

(Signed) R. HAMILTON, Colonel,
Deputy Secretary to Government.

FORT SAINT GEORGE,
25th January 1866.

No. 753. ORDER THEREON, 30th January 1866, No. 358.

MILITARY WORKS, No. 31.

1. Communicated to the Superintending Engineer of the 4th Division for information and guidance.

2. The plans which the Superintending Engineer of the 4th Division submits are very general, and the positions of the different buildings are irregularly indicated. The Government cannot understand why the Arsenal should be disconnected from the Gun Carriage Factory, nor why the Bullet Factory should not form part of the Arsenal, as elsewhere. They are of opinion that the Powder Factory being separately located, the rest of the proposed buildings should be more concentrated, and that suitable measures should be devised for enclosing them in such a manner as to render them less exposed than they will be under the proposed arrangements In fact the whole scheme requires re-consideration, and the plans and estimates will

Proceedings of the Madras Government, Public Works Department,
30th January 1866.

accordingly be returned to Colonel Boileau, who will place himself in communication with the Military authorities with a view to the general plans being more carefully matured, and laid before Government in a clearer and more satisfactory manner.

(True Extract.)

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

To the Superintending Engineer, 4th Division.
,, Military Department.

Exd. S. T. Augustin.

Note by His Excellency the President.

I have looked over the Plans of the buildings at the Mount now submitted. These Plans consist of a general Plan of the Cantonment made in 1851. a general Plan showing in the most general manner the position of the Powder works. the Gun Carriage Factory, the Bullet Factory, the Arsenal. all dotted about in the most irregular manner, as one set of buildings is altogether distinct from the other. why the Arsenal should be disconnected from the Gun Carriage factory I cannot tell. why the Bullet Factory should not form a part of the Arsenal, as it does elsewhere, I cannot say. why the whole should not be within one boundary wall, I cannot say.

The Powder Mills are placed separate and reasonably, but are put on ground which will probably be below the level of the raised water of the Adyar. in fact the whole scheme seems to me to have been only half considered and

Ground

and it is altogether absurd to submit detailed Plans of building before the general Plan is finally discussed and approved; for my part I decidedly object to the general Plan as at present submitted. the buildings are unnecessarily separated from each other, they will require more boundary walls, more steam power &c &c than would be required under a better conceived arrangement and they are very much more exposed than they now are at Madras.-

/signed/ H. D.

Note by the Honorable J. Pycroft.

The general plan may be returned for revision on the grounds stated by His Excellency the President.-

If the Gun powder and Gun Carriage factories are to be moved it should I think, be to some place much further from the sea than the Mount, but I fancy that it is too late to suggest this.

As for the Depôt for 650 men, with the facilities which now exist, or shortly will exist, for sending men by rail direct

direct from ship-board to their Regiments or Station- vice versa from their Regiments or Station straight on board ship, a very small depot at the Mount should suffice.

/signed/ J. P.

Note by the Honorable H. D. Phillips.

It seems that only the reserve Powder Magazine is in progress. There must be a Magazine of this kind in the vicinity of Madras, so long as troops are kept in the Fort and in the Suburbs. It does not then appear, I think, to be too late to reconsider the whole question of the removal of the ordnance department buildings to the Mount, and the location there of the Depôt for troops. I am quite of opinion that this might easily be reduced in number, under the circumstances referred to by Mr. Pycroft.

29th December 1865. /Signed/ H. D. P.

/True Copies/

Alexander &c
Deputy Secretary to Govt

Ground

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

From the Supg. Engineer, 4th Division. {Here enter 23rd and 30th November 1865, Nos. 2893 and 2992.

From the Superintending Engineer, 4th Division, Madras, 23rd November 1865, No. 2893; to the Secretary to Government, Public Works Department.

I have the honor, with reference to correspondence as per margin, to submit for the approval of Government, the accompanying plan, which has met the approval of His Excellency the Commander-in-Chief and of the Sanitary Commission, of a half company barracks to be built at Saint Thomas' Mount.

Enclosure.
1 *Plan, A.*
G. O., No. 196, *dated 26th January* 1860.
No. 1067, 22*nd May* 1860.
,, 1225, 11*th June* ,,
,, 1280, 10*th July* 1861.
,, 2370, 3*rd Oct.* 1862.

2. The approximate cost of such a block would be about 50,000 Rupees, and as it appears by the enclosures to the G. O., No. 1067, dated 22nd May 1860, that provision will have to be made for 800 men, 20 blocks costing Rupees 10,00,000, would be required.

3. Should the Government approve of the plan, it will be re-submitted with a detailed estimate, accompanied by plans of cook-houses, latrines, wash-houses, &c.

4. The plans of the hospital, and the various other buildings detailed in the G. O. above referred to, will follow in due course.

Referred to the Military Department.

(Signed) C. A. ORR, Col., R. E.,
Secretary to Govt., P. W. D.

24th November 1865.

From the Superintending Engineer, 4th Division, Madras, 30th November 1865, No. 2992; to the Secretary to Government, Public Works Department.

With reference to the Order of Government, No. 1211, dated 27th April 1864, I have the honor to forward plans and estimates as subjoined, approved of by His Excellency the Commander-in-Chief, and the Inspector General of Ordnance and Magazines for the buildings to be erected at Saint Thomas' Mount, in connection with the new bullet factory and arsenal. As regards the latter, provision has only been made for accommodation for the combustible portion of the stores of that establishment.

Enclosures.
11 *Abstract estimates.*
11 *Specifications.*
12 *Plans.*

For bullet factory.

Constructing new bullet factory		20,920
,, two godowns to bullet factory		13,600
,, an office to	do.	3,000
,, guard room	do.	1,500
,, a forge to	do.	1,530
,, a chimney to	do.	1,100
,, two privies to the new	do.	1,200
,, a reservoir to	do.	5,050
,, a compound wall to	do.	4,350
	Rupees ...	52,250

For arsenal.

Constructing arsenal stores at Saint Thomas' Mount...		20,500
" a magazine for small arms ammunition at	do. ...	34,200
	Rupees...	54,700

2. The positions for these buildings were shewn in the site plan forwarded to Government in my letter, No. 1257, dated 5th August 1865.

3. The full sums have been entered in my Budget for 1866-67, a measure which I trust will be approved of.

4. The plans for the new gun carriage manufactory were sent to the Quarter Master General for the approval of His Excellency the Commander-in-Chief, on the 5th August 1865, No. 1269, and those for the gun powder manufactory are expected shortly from the special Executive Engineer.

5. The plan and estimate for the reserve powder magazine were sanctioned by Government in No. 2043, dated 17th July 1865, and the work is now in progress.

Referred to the Military Department.

(Signed) C. A. ORR, Colonel, R. E.,
Secy. to Govt., P. W. D.

2*nd December* 1865.

ORDER, No. 236, 18th January 1866.

The foregoing papers and plans will be returned to the Department Public Works with the notes recorded by His Excellency the President and Members of Council, in view to the general plan to be adopted for the accommodation of the manufacturing establishments at Saint Thomas' Mount being reconsidered in that Department, in communication with the military authorities, and with advertence to the decision of the Right Honorable the Secretary of State in paragraph 6* of the Despatch, recorded in Proceedings of Government, No. 1326, 20th April 1864.

*" *The decision communicated to you in my Despatch of 1st January, was formed after a very careful consideration of the whole question; and as I cannot observe that any new facts are brought to light in the papers now forwarded by your Government, to lead me to any other conclusion, I request that the course indicated in that despatch may be followed, and that plans and estimates may be prepared and submitted to the Government of India, for the removal of the ordnance manufacturing establishments, and the whole of the more combustible portion of the stores, now in the arsenal, to the vicinity of Saint Thomas' Mount, and for the construction of the necessary buildings, as referred to in that despatch.*"

2. Meanwhile, His Excellency the Commander-in-Chief will be requested to favor Government with his views in regard to the depôt at that station, whether, with reference to the facilities which now (or shortly will) exist for sending men by rail direct to their Regiments on arrival, or direct for embarkation on departure from India, the accommodation to be provided may not be considerably reduced below the number* stated in the Quarter Master General's letter, recorded in Proceedings of Government, No. 1316, dated 19th April 1864.

* 640.

(True Extract.)

Deputy Secretary to Government.

To the Public Works Department, with 13 plans, 22 estimates and copies of notes.
" Quarter Master General.
" Adjutant General.
" Inspector General of Ordnance,... } for information.
" Controller of Military Accounts, }

Exd. A. W. Cooke.

Bid 20 spare Copies

Jany 1866 Depto
Proc. of Govt for January
No. 359

Proc. of Govt in the
Mily. Depte

Dy 18 } Jany/66
Rec. 25 }

C. 36. No. 236

Forwarding plans
and certain correspon-
dence relative to the
buildings required
for the Ordnance &c
Depts at St. Thomas
Mount—

No. 757

No. 358. 30th Jany 1866

Fort Saint George.
25th January 1866.

Returned to the Public
Works Department, with
reference to Proceedings of
Government, No. 236, dated
18 January 1866.

Alexander Lt Col
Secy to Government

1866

Dated 20 spare Copies

No 3678

Superintending Engineer's
Office 4th Division
Madras 18th January 1866

From

Colonel A. J. M. Boileau R.E.
Supg. Engineer 4th Division

To

Colonel C. A. Orr R. E.
Secretary to Government P. W. D.

Sir,

With reference to Proceedings of Government No. 2371 dated 17th August 1865, I have the honor to report, that in conjunction with Mr. Fraser C. E., Captain Rogers Executive Engineer Mount Range, and in communication with the Military Authorities (represented by Major Phillips the Deputy Assistant Quarter-Master-General of the Centre Division) I have selected a suitable site for the proposed Adyar Tank near Saint Thomas Mount. The position of which (as also that of the Contemplated new Military Buildings) is shown on the accompanying Plan, which is drawn to the same scale as that which was submitted with my letter No. 1257 dated 8th August 1865.

2. It is necessary to explain, that the ground

ground upon which it is proposed to locate
the New Gun Powder Manufactory, and where
a Creek and Paddy fields now exists is
high, and can be easily drained

I have the honor to be
Sir
Your most Obedient Servant

H Brisbane Colonel R.E.
Supt Engineer Du.

188

Public Works Dept 17

No 358

Proceedings of the Madras Government

Under date the 30th January 1866

Read the following

Proceedings of Govt in the Military Dept

Forwarding plans and certain correspondence relative to the buildings required for the Ordnance Depôt at St Thos' Mount.

(Here enter 18 Jany 1866 No 236)

From the Supdg Engineer of the 4th Div

Stating that a suitable site has been selected for the proposed Adyar Tank near St Thos' Mount the position of also that of the contemplated new Military Buildings is shewn in the accompanying Plan.

(Here enter 18 Jany — No 3684 Communicated to the Supdg Engineer of the 4th Div for information & guidance.

The Plans which the Supdg Engr of the 4th Div submits are very general, & the positions of the different buildings are irregularly indicated. The Govt cannot understand why the Arsenal should be disconnected from the Gun Carriage factory, nor why the Bullet factory should not form part of the Arsenal, as elsewhere. They are of opinion that

Public Works Dept

No 358

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Under date the 30th January 1866

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6 to
7

The S. Engr & Dy W. Mstr Genl
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Q. W. 1866 Sept.
Proc: of Govt for Lands
Proceedings of the
Madras Govt

No 358.

Dated 30 January

Buildings required
for the Ordnance Dept.
at St Thomas Mount, Madras
District. — Plans and certain
Correspondence, relative to —
returned to the Safety Engr.
2 Dr with certain in-
structions —

No 757 763