M.R.O. 1—77,006—8-6-37.

(1) Number of pages 1-16

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 2286-87 Press / Mis.

695-97

Dated 27-7 1887.

Not to be folded or roughly handled

No. 695. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Department Public Works, dated Bangalore, 17th July 1867, No. 73 :—

1 Statement.
8 Plans.
1 Copy of letter.

I have the honor to forward the statement called for in the Order of Government of the 2nd of July, No. 1,963, and to return the plans of the Military buildings at Bangalore which accompanied it.

Statement showing the nature of differences between sanctioned plan and standard design, and reasons for departure from the latter, called for in O. G. No. 1,963 of the 2nd July 1867.

Name of Work.	Nature of difference between sanctioned plan and standard design.	Reasons for departure from standard design.
Male Hospital. Administrative rooms. Two separate wards Out-offices for Hospital. Female Hospital.	The whole of these buildings were designed without reference to standard plans, and, as far as can be ascertained, no standard plans existed at the time they were designed (June and July 1865). The plans were designed in communication with a Committee consisting of the Deputy Inspector General of Hospitals, Mysore Division, (Dr. Mackenzie, C. B.,) the Deputy Inspector General of Hospitals, British Troops, (Dr. Inglis, C. B.,) and the Secretary to the Sanitary Commission, (Dr. Montgomery,) with whom every point down to the minutest detail was fully discussed, and whose approval was given to each plan before it was submitted to Government.	
Canteen	This building appears also to have been designed without reference to the standard plan ; the differences between the latter and the sanctioned plan are so radical, that it is not worth while particularizing them; the sanctioned plan was prepared more than four years ago, and there is nothing on the records of this office to show why the standard plan was not followed. Probably its manifest defects had something to do with it.	
Quarters for Paymaster Serjeant, Saddler Serjeant, and Instructor of Musketry in one block for Cavalry.	The quarters of Paymaster Serjeant and Instructor of Musketry are those allowed by the standard plan for class A., those for the Saddler Serjeant are of class B. The only deviation appears to be the addition of a verandah at the ends and rear of the block.	Recommended by the Sanitary Commission, and approved by His Excellency the Commander-in-Chief.
Forge...	The deviations are so radical that it is not worth while to specify them. A comparison of the two plans will show the extent of difference between them. The accommodation given by the sanctioned plan is much greater than that given by the standard plan ; eight forges (one for each troop and one spare) being allowed instead of two, and the whole arrangement of the building is totally different.	The principle of the sanctioned design was taken from that of the forge now in use by the A. Battery 23rd Brigade, R. A., which is found remarkably efficient, and believed to be superior to any other in the station. It is believed that the existence of the standard plan was overlooked when the sanctioned plan was prepared.

BANGALORE,
10th July 1867.

(Signed) J. PENNYCUICK, Lieut-nant, R. E.,
Executive Engineer.

(True Copy.)

(Signed) E. A. FOORD, Lieut.-Colonel, R. E.,
Superintending Engineer, 5th Division.

Proceedings of the Madras Government, Public Works Department,
29th July 1867.

No. 696. ORDER THEREON, 29th July 1867, No. 2,286.

MILITARY WORKS, No. 41.

Ordered that the statement submitted with this letter be forwarded to Colonel Crommelin with reference to his letter No. 579 of the 8th June 1867 :—

(Here enter No. 2,287, dated 29th July 1867.)

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 5th Division.

Exd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT,
FORT SAINT GEORGE,
29th July 1867.

No. 2,287.

No. 697.
To

THE INSPECTOR GENERAL OF MILITARY WORKS.

SIR,

MILITARY WORKS, No. 42.

Male Hospital.
Administrative rooms and colonade.
Two separate wards.
Out-offices for Hospital.
Female Hospital.
Canteen.
Quarters for Paymaster Serjeant, Saddler Serjeant, and Instructor of Musketry in one block for Cavalry.
Forge.

1. I am directed in compliance with the request contained in your letter No. 579 M of the 8th June 1867, to forward herewith the plans of the Military buildings at Bangalore referred to in my letter No. 1,421 of the 9th May 1867, together with a statement of the reasons for departure from the standard designs in the cases noted in the margin. The circumstances under which the standard design for stables was not adhered to will be found set forth in the accompanying Proceedings* of this Government in the Military Department.

* No. 3,932, dated 13th November 1866.
,, 4,371, ,, 15th ,, ,,
,, 103, ,, 10th January 1867.

2. It is understood from the Orders of the Government of India No. 89 of the 16th December 1864 and No. 76 of the 15th August 1865, that the standard plans of buildings furnished by that Government are as a rule intended only to show the general arrangement and extent of accommodation to be provided, the structural and other details being left to be determined by the Government concerned according to local circumstances.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

Exd. S. T. Augustin.

Superintg Engrs Office, 5th Divn,
Bangalore, 17th July 1867.

No. 73.

From,

Lieut.-Colo. C. A. Foord R.E.
Superintending Engineer,
5th Division

To,

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

Sir,

Enclosures 10.
1 Statement
8 Plans
1 Copy of letter.

I have the honor to forward the Statement called for in the order of Government of the 2d of July No. 1963 and to return the Plans of the military buildings at Bangalore which accompanied it.—

I have the honor to be
Sir,
Your most Obedient Servt

Ed. Foord Lt.-Colo R.E.
Superintending Engineer,
5th Divn.—

PUBLIC WORKS DEPARTMENT.
FORT SAINT GEORGE,
9th May 1867.

No. 1,421.

No. 262.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

ACCOUNT, No. 21.

1. With reference to paragraph 7 of the Orders of the Government of India on the Madras Public Works Budget for 1867-68, I am directed to forward a Statement of the expenditure up to the end of the past official year on the various works connected with the Race Course Barracks at Bangalore.

	Estimate. RS.
Male Hospital (two pavilions)	1,50,000
Administrative rooms and colonade	25,100
Two separate wards	27,200
Out-offices for Hospital	10,020
Female Hospital	35,550
Subordinates' Quarters	12,700
Canteen	21,200
Quarters for the Paymaster Serjeant, Saddler Serjeant, and Instructor of Musketry in one block, for Cavalry	10,270
Two Bowling Alleys for Cavalry ...	4,640
Skittle and Bowling Alley in one block for Artillery	8,140
Two Harness-rooms with Store-room for Artillery	8,640
Two Gun-sheds with Guard and Store-room	21,900
One block of Married Men's Quarters with Day-room	20,750
One do. do.	20,750
One do. do.	20,075
One do. do.	20,075
One do. do.	2,550
A Forge for the Artillery	8,350
Sick Stables for do.	50,400
Stables for Cavalry	

2. It will be observed that the total outlay has been Rupees 7,84,299, of which Rupees 5,42,103 represent the cost of the buildings already completed, and Rupees 2,42,196 the expenditure on those now in progress. The estimates for these latter works as noted in the margin are herewith forwarded for the sanction of the Government of India. Some of the plans differ from the standard designs, but the alterations in each case have been approved of by this Government on the recommendation of His Excellency the Commander-in-Chief.

3. The estimates for such of the works as have not been commenced will be forwarded to the Government of India as they are received from the Superintending Engineer.

I have the honour to be,
Sir,
Your most obedient servant,

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

Statement shewing the nature of differences between sanctioned plan and Standard design and reasons for departure from the latter called for in O.G. No. 1963 of the 2nd July 1867.

Name of Work	Nature of difference between sanctioned plan & Standard design.	Reasons for departure from Standard design.—
Male hospital Administrative rooms Two separate wards Out Offices for Hospital Female Hospital	The whole of these buildings were designed without reference to Standard plans, and as far as can be ascertained no Standard plans existed at the time they were designed (June & July 1865) The plans were designed in communication with a Committee consisting of the Deputy Inspector General of Hospitals, Mysore Division (Dr Mackenzie C.B.) the Deputy Inspector General of Hospitals, British Troops (Dr Inglis C.B.) and the Secretary to the Sanitary Commission (Dr Montgomery), with whom every point down to the minutest detail was fully discussed, and whose approval was given to each plan before it was submitted to Government.—	
Canteen—	This building appears also to have been designed without reference to the Standard plan; the differences between the latter and the sanctioned plan are so radical that it is not worth while particularizing them; the sanctioned plan was prepared more than 4 years ago and there is nothing on the records of this office to shew why the Standard plan was not followed. Probably its manifest defects had something to do with it.—	
Quarters for Paymaster Serjeant, Saddler Serjeant & Instructor of Musketry in one block for Cavalry	The quarters of Paymaster Serjeant and Instructor of Musketry are those allowed by the Standard plan for class A; those for the Saddler Serjeant are of class B. The only deviation appears to be the addition of a verandah at the ends and rear of the block.—	Recommended by the Sanitary Commission and approved by His Excellency the Commander-in-Chief.—
Forge—	The deviations are so radical that it is not worth while to specify them. A Comparison of the two plans will shew the extent of difference between them. The accommodation given by the sanctioned plan is much greater than that given by the Standard plan; 8 forges (one for each troop & one spare) being allowed instead of two, and the whole arrangement of the building is totally different.—	The principle of the sanctioned design was taken from that of the Forge now in use by the A Battery 23rd Brigade R.A. which is found remarkably efficient, and believed to be superior to any other in the Station. It is believed that the existence of the Standard plan was overlooked when the sanctioned plan was prepared.—

Executive Engineer's Office
Bangalore, 10th July 1867

True Copy
E.A. for
Lt Colb R.E.
Superintg Engineer, 5th Divn.

Sd/ J. Pennycuick Lt R.E.
Exec: Engineer,
Bangalore.

Public Works Dept 11

No 2286

Proceedings of the Madras Government

Under date the 29th July 1867.

Read the following

From the Supg Engineer of the 3rd Dist

(Rec'd 17 July 1867)

Ordered that the statement submitted with this letter be forwarded to Colonel Crommelin with reference to his letter No 577 of the 8th June 1867 -

No 2287

To the Inspector General of Military Works

Sir I am directed in compliance with the request contained in your letter No 579 of the 8th June 1867, to forward herewith the

To the Supg Engr 5th Div

Recd 30/7/67

Statement showing the nature of differences between sanctioned plan and Standard design and reasons for departure from the latter called for in O.O. No 1963 of the 2d July 1867.

P W 2/7/67.

Plans of the Military Buildings at Bangalore referred to in my letter No. 1421 of the 9th May 1867, together with a statement of the reasons for departure from the Standard designs in the cases noted in the margin

2— It is understood from the orders of the Govt of India No. 89 of the 16th December 1864 and No. 76 of the 15th August 1865 that the Standard plans of buildings furnished by that Government are as a rule intended only to show the general arrangement and extent of accommodation to be provided, the structural and other details being left to be determined by the Govt concerned according to local circumstances—

Male Hospital
Administrative rooms and Store
Two Separate Wards—
Out Offices for Hospital
Female Hospital—
Canteen
Quarters for Asst Paymaster
Serjt Major Saddler Serjt and
Instructor of Musketry in
one Block for Cavalry—
Forge—

The circumstances under which the Standard designs for Stables was not adhered to will be found set forth in the accompanying Remarks of this Government in the Military Department—

† No. 3932 of 15th Nov. 1864
4371 — 15th Dec. 1866
103 — 10th Jan. 1867

Fort St George
29th July 1867

Dept. 30/7/67 with seventeen plans
& No. 2286 & G. No. 2932 & 4371 of
1866 & 103 of 1867 of the Mil. Dept.

† Particulars of the plans sent to the
Inspector General of Military Works with Genl. 2287 of 1867

Plans of Male Hospital (two pavilions)
Administrative rooms & Colonade
Two separate wards
Out Offices for Hospital
Female Hospital
Subordinates' Quarters
Canteen
Quarters for the Paymaster Sergeant, Saddler
Sergeant & Instructor of Musketry
in one block, for Cavalry
Two Bowling Alleys for Cavalry
Skittle & Bowling Alley in one Block for Artillery
Two Harness rooms with Store room for Artillery
Two Gun-sheds with forge & store room
Two Blocks of Married Men's Quarters with day
rooms — —
one — do — do — do —
One — do — do — do —
A Forge for the Artillery & Stables for Cavalry
Sick Stables for the Artillery.

Rec. 24th Jany 1867

695 @ 697

Pub: Works 1867 Departt.

Pro: of Govt. for July

No 2286 & 2287

Pro: of the Madras Govt.

Dt 25th July 1867

Passing orders on a letter from the Supg. Engr. of the 5th Division submitting Plans of the buildings connected with the Race course & Barracks at Bangalore & a Statement of the reasons for departure from the Standard Plans.

Furnishing the Inspector Genl. of Military Works with the Plans and Statement above referred to.

No 695-696 @ 697