MADRAS RECORD OFFICE

Government of Madras

PUBLIC DEPARTMENT

G.O. Ms.

Read

Order

Public (P)

Department

Under the Revised Code of Regulations for Madras

No. 72. Read the following letter from Major E. LAWFORD, Officiating Chief Engineer; to T. PYCROFT, Esq., Chief Secretary to Government, dated 28th July 1858, No. 2289.

SIR,

With reference to Extract Minutes Consultation, No. 1431, dated 23rd Instant, para. 2, I have the honor to forward copies of correspondence relating to the alteration of the Ventilators of the Jackatalla Barracks, which was directed to be carried into effect on the 7th May 1858, No. 129.

Letter from Captain P. M. FRANCIS, District Engineer, Coimbatore; to Colonel C. E. FABER, Chief Engineer, dated Jackatallah 28th April 1858, No. 122.

SIR,

With reference to your Proceedings, No. 8933, dated 13th April 1858, I have the honor to forward Captain Campbell's reply* and estimate amounting to Rupees 3,832-8, in the matter of the Ventilators, the sum is a mere trifle upon the Contingent allowance.

* No. 394. dated 23rd April 1858.

Letter from Captain J. CAMPBELL, Executive Engineer, Coimbatore; to Captain P. M. FRANCIS, District Engineer of Coimbatore, dated Jackatalla, 23rd April 1858, No. 394.

SIR,

With reference to 3rd para. of Superintending Engineer's letter No. 8933 of 13th Instant, to your address which you have passed on to me for reply, I have the honor for the information of the Chief Engineer, to point out that though the Ventilator windows were fixed in their present position by General Anson and Colonel Cotton, experience goes to shew that when Ventilation is most required in wet or damp weather when the whole Barrack rooms is converted into a Vapour bath by the exhalations from the men's moist clothes, it is impossible to open the Ventilators situated as they are now above the terrace, without a liberal allowance of spin drift being driven into the rooms as the heated air inside rises to the roof, hence the men naturally shut them all up and they are no longer Ventilators. I had my Office in one of these very rooms for a few weeks, and have had the papers on my table well wetted almost before the cause was noticed I speak of the ten feet Verandahs which are already too low, in Blocks Nos. 3, 4 and 5, this evil is of course aggravated by the encreased width of $\frac{1}{3}$th. This point the above named Officers had no opportuuity of witnessing.

2. Now if these Ventilators were placed below the terrace, all possibility of sead entering the Barrack sleeping-room would be cut off, and the men then might with encreased comfort to themselves keep the Ventilators open on all occasions.

3. This I conceive important sanitary improvement may be easily secured by raising the walls $1\frac{1}{2}$ feet higher at a cost of Rupees 1,277-8 per Barrack as per detailed estimate herewith submitted, which is under (13) thirteen Rupees per man. The cost then being so trifling contrasted with the benefit, I trust authority may be granted for the alteration.

Letter from Major E. LAWFORD, Superintending Engineer Southern Circle; to Captain P. M. FRANCIS, District Engineer, Coimbatore, dated 7th May 1858, No. 129.

SIR,

Referring to your letter No. 122, dated 28th April 1858, I am directed to observe that if the evils occasioned by Colonel Cotton's plan of placing the Ventilators above the Verandah are as great as represented by Captain Campbell with (it is presumed) your concurrence, the long

delay in bringing the matter to notice is very much to be regretted for the sole reason for a change urged last year to the Superintending Engineer was the improved appearance of the Buildings.

2. The present arguments are much more weighty, and Colonel Faber will not refuse to sanction the alteration proposed on the following conditions, viz.

1st. That the increased height of Verandah shall not occasion its being too much exposed and the boarded floor thereby injured.

2nd. That no reason for exceeding the general estimates shall be founded in part on the proposed outlay of 3,832-8 in raising the Verandahs.

3rd. That the favorable opinion of His Excellency the Commander-in-Chief shall be communicated to this Office through the Quarter Master General.

3. If the opinion of the Executive Engineer be correct, the question may be raised whether the Verandahs of the Blocks Nos. 1 and 2 should not be built to an equal height with those of 3, 4 and 5.

No. 73. ORDER THEREON, No. 1562; dated 9th August 1858.

Communicated to the Military Department, with reference to para. 2 of Extract Minutes Consultation in that Department, dated 4th May last, No. 1567.

(Signed) T. PYCROFT,
Chief Secretary.

2

N° 122

From

Captain P. M. Francis
District Engineer Coimbatore

To

Colonel L. C. Faber
Chief Engineer D. C. W.
Fort Saint George

Sir.

With reference to your Proceedings N° 8733, dated 13th April 1858, I have the honor to forward Captain Campbell's† reply and Estimate Amounting to Rupees 3832.8 as in the matter of the Ventilators, the Sum is a mere trifle upon the Contingent allowance

† N° 394 dated 23d April 1858

Dist. Engr. Office
Jaffatallah
28th April 1858.

I have &c.
(Signed) P. M. Francis
Dist. Engr. Coimbatore

N° 394.

To

The District Engineer
of Coimbatore

Sir

With reference to 3d para of Superintending Engineer's letter N° 8933 of 13th Instant to your address which you have passed on to me for reply,

I

I have the honor, for the information of the Chief Engineer, to point out that though the Ventilator windows were fixed in their present position by Genl Anson and Colonel Colton, experience goes to shew that when Ventilation is most required in wet or damp weather when the whole Barrack rooms is converted into a Vapour Bath by the Exhalations from the mens moist clothes, it is impossible to open the Ventilators situated as they are now above the Terrace, without a liberal allowance of Spin drift being driven into the rooms as the heated air inside rises to the roof, hence the men naturally shut them all up and they are no longer Ventilators. I had my Office in one of these mess rooms for a few weeks, and have had the papers on my table well wetted almost before the cause was noticed.

I speak of the ten feet Verandas which are already too low, in Blocks Nos 3, 4 and 5 this evil is of course aggravated by the encreased width of 16 ft. This point the above named Officers had no opportunity of witnessing.

2. Now if these Ventilators were placed below the Terrace all possibility of Spray entering the Barrack Sleeping room would be cut off, and the men then might with encreased comfort to themselves keep the Ventilators open on all occasions.

3. This I conceive important Sanitary improvement may be easily secured by raising the walls 1½ feet higher at a cost of Rupees 1277- 8- 0 per Barrack as per detailed Estimate herewith submitted, which is under /13/ Thirteen rupees per man. The cost then being so trifling contrasted with the benefit I trust authority may be granted for the alteration.

I have &c

Jacbatalla
23d April 1858.

/Signed/ J. Campbell
Executive Engineer

/A true Copy/
/Signed/ P. M. Francis
District Engineer

/True Copies/
Crawford
Officiating Chief Engineer

No 129

From

The Superintending Engineer
Southern Circle

To

The District Engineer
Coimbatore

Sir

Referring to your letter No 12.2, dated 28th April 1858, I am directed to observe that if the evils occasioned by Lieutenant Cotton's plan of placing the Ventilators above the Verandah are as great as represented by Captain Campbell with (it is presumed) your concurrence, the long delay in bringing the matter to notice is very much to be regretted for the sole reason for a change urged last year to the Superintending Engineer was the improved appearance of the Buildings.

2. The present arguments are much more weighty and Colonel Fraser will not refuse to sanction the alteration proposed on the following conditions viz:

1st

To the Commanding Officer
Bellary
Sir
The Secretary to Govt
Fort St. G.

Memorandum

Dated 28th April 1858
Received 5th May 1858
No 2099

Copies of Correspondence on the subject of Ventilating the Barracks.

1st That the increased height of verandah shall not accessitate its being too much exposed and the boarded floor thereby injured.

2d That no reasons for exceeding the general Estimates should be founded in part on the proposed outlay of 3832-8 in raising the Verandahs.

3d That the favorable opinion of His Excellency the Commander in Chief shall be communicated to this office through the Quarter Master General.

3 If the opinion of the Executive Engineer be correct the question may be raised whether the Verandahs of the Blocks No. 1 and 2 should not be built to an equal height with those of 3, 4 and 5.

Central office P.W.
Fort St George
7th May 1858.

I have &c
/Signed/ E. Lamford
Supg. Engr. St. Davids

/True Copy/
L Lamford
Officiating Chief Engineer

Camp III

5

Central Office of the
Fort St. George 28 July 1858.

No. 2289

From

The Offg. Chief Engineer

To

The Secretary to Government Mily. Dept.

Sir,

With reference to Ex. Mine. Corr.
No. 1431, dated 23d Instant, Para 2,
I have the honor to forward Copies of
Correspondence relating to the alteration
of the Ventilators of the Sackatalla
Barracks, which was directed to be
carried into effect on the 7th May
1858. No. 129.-

I have the honor to be,
Sir,
Your most obt. Servt.

Lawford Major
Offg. Chief Engr.

To
The Secretary to
Government Mily. Dept.

Encl. 3
2 Copies of Letters
1 Estimate

Military

Enclosure in a letter from the
Officiating Chief Engineer
&c
To the Secretary to Govt.
Mily. Dept.

Dated 28th
Received { July 1858
August

Copy of a letter from the
Offg. Chief Engineer Fort
St. George to the address
Lieutenant to the alteration
Instructed in the Plan of
Ventilators in the Hospital
Barracks the Battalion above
the Lascars and the Sackatalla
Barracks on certain
Conditions.

St. Comm. 27 July/58 N. 27-28

Pd Works 1858 Depart.
Corr. in Connection with Enquiry
from
No. 1655.
The Offg. Chief Engr.
&c &c
The Secy. to Govt. &c &c

Rules 28
Recd 4/5 July 1858.

2209

Encls. 3 - 1 return

Submits Copies of
Correspondence relative
to the alterations of the
Ventilators of the
Lockaballa Barracks.

With an Order
No. 1662. 9th August 1858.

No. 72 & 73

121

No. 1562

Communicated to the
Military Department with reference
to para 2 of Exd. Minutes Counc.
in that Department dated 14th
May last No. 1567.

Fort St. George
9th Augt. 1858

4 Copies to the Secy. Dispo 10/8