

1644

Proceedings of the Madras Government, Revenue Department,
3rd October 1873.

Read the following :—

No. 20. Endorsement of the Secretary to Government, Public Works Department, dated 4th September 1873.

Read the following letter from R. F. CHISHOLM, Esq., F.R.I.B.A., Consulting Architect to Government, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 7th August 1873, No. 456.

WITH reference to G. O., No. 22, dated the 1st July last, I have the honour to state that it will not be necessary to submit modified plans and specification for adding the verandah sanctioned in G. O., No. 604, dated 13th June 1873, Revenue Department, as the verandah shown on detailed drawing, No. 5, circulated with G. O., No. 2,791, dated 1st September, will answer every purpose.

2. I would respectfully point out to Government, with reference to the order under notice, that a very considerable projection of the roof, 3' 6" is provided in the plans in lieu of a verandah, and the advantages anticipated from double this amount of projection appear to me to be a little imaginary.

3. The angle from the edge of the roof to the bottom of the wall at plinth level, without the verandah, is 18° from the vertical; with the verandah, 48° from the vertical. A building constructed with the 3' 6" projection by the compass directly under the equator would have all walls, running east and west, practically protected from the sun's rays throughout the year; while those walls running north and south would receive in the twenty-four hours on the lower portion about one and half hours more direct sun in the morning and the same time in the evening; or, taking longitudinal and transverse walls as presenting equal areas, the total gain of the verandah over the simple projection is about 6 per cent. only, and assuming the heating powers of the solar rays to be in direct proportion to the angle of incidence, this percentage of difference would hold good in any latitude and any position.

4. Considered as a shield from the weather, rain generally falls in this country either with strong winds or dead calms; in either case, of course, the smaller projection affords as much protection as the larger. Against the very small advantage to be gained from the verandah may be placed the loss of light and air.

5. Under these circumstances, I would strongly recommend the building being constructed according to the standard plan, and, if after a year's trial, verandahs are found necessary, they can be easily added.

TRANSFERRED to the Revenue Department, with reference to the orders in that department, dated 13th June 1873, No. 604.

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government, P.W.D.

*Proceedings of the Madras Government, Revenue Department,
3rd October 1873.*

No. 21. Endorsement of the Secretary to Government, Public Works Department, dated 15th September 1873.

Read the following letter from J. W. RUNDALL, Esq., District Engineer, Tinnevely, to Colonel G. W. WALKER, R.E., Chief Engineer and Secretary to Government, Department Public Works, dated Ambasamudram, 6th September 1873, No. 80.

I HAVE the honour to report that the Collector has requested me to refer to Government the question of the addition of verandahs to the new Ambasamudram Taluq Cutcherry.

2. On the 10th ultimo, Mr. Puckle forwarded me a letter from the Sub-Collector, who stated that in his (Mr. Brandt's) opinion the omission of verandahs in this new Cutcherry was a serious mistake, and that hereafter the addition of unsightly pandals or tatties would be found necessary.

3. In reply, I informed Mr. Puckle that the original design which provided verandahs was abandoned by order of Government (No. 779A of the 15th March 1871), and that a revised estimate had been made out for completing the building without verandahs; and that, I did not suppose that having once decided that the Cutcherry should be finished off without verandahs the Government would be prepared now to sanction them. In reply to this and under date the 28th ultimo, the Collector has requested me to refer the matter for orders, "as it seems a pity that a building estimated to cost Rs. 27,000 should be rendered almost untenable for want of the protection which a verandah affords."

4. Mr. Puckle adds: "No house in this country, however poor, is without some sort of verandah; and the handsome appearance of a public building without verandahs, will be hardly appreciated by the crowd that usually throngs the neighbourhood of the Taluq Cutcherry. It is true that there is a 'ryots' shed' in the compound; but this, if used at all, will only be used as a temporary resting place; the crowd will stand as usual round and about the building in which the Tahsildar or Deputy-Registrar or Record-keeper, whom they want to see, holds his office, and the discomfort of the crowd in the sun will perhaps be aggravated by the doors and windows of the building being closed to keep out the heat and glare."

5. I have had an estimate prepared, and find that to add a verandah to the Sub-Registrar's room, Post Office, Sub-Magistrate's Court, Sub-Magistrate's room, and Gumastah's room, will cost Rupees 2,000. Part of the foundations were originally put in, or else it would cost more.

6. It is possible now to add the verandah, the walls being finished, and the roof in course of being erected; but the work is in rapid progress, and will be completed in accordance with the present sanctioned plan in a few months, if no delay occurs. I have, therefore, the honour to request the favour of early orders on the subject.

7. I certainly think that the small sum of Rs. 2,000 might be given to render still more complete a building on which so large a sum is being spent; and I have no doubt that the native officials would feel the inconvenience of working in a building exposed (though even in part) to the direct rays of the sun just as much as Europeans would.

*Proceedings of the Madras Government, Revenue Department,
3rd October 1873.*

8. I venture again to request early orders, as I have stopped work on those parts of the building to which it is now suggested to add verandahs.

TRANSFERRED to the Revenue Department, with reference to the undermentioned orders:—

G. O., P. W. D., No. 779A, 15th March 1871,

„ R. D., „ 604, 13th June 1873,

and to the Consulting Architect's letter, No. 456, of 7th August previously transferred.

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government, P.W.D.

No. 22. ORDER THEREON, 3rd October 1873, No. 1,060.

Miscellaneous.

THE Consulting Architect will be informed that the practical advantages to be derived from wide verandahs are generally estimated at a much higher value than that admitted by him, and the Government desire that the modification of the standard plan, directed in G. O., 13th June 1873, No. 604, may be effected and submitted for their approval at as early a date as practicable.

2. The addition of the verandahs to the Taluq Cutcherry now under construction at Ambasamudram is sanctioned, and these Proceedings will be communicated to the Public Works Department, and forwarded to the Board of Revenue for the information of all Collectors.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Public Works Department.
„ the Board of Revenue.

Exd. F. R. Bantleman.

Read the following:

No 456

Consulting Architects Office

Madras 7th August 1873

From

R. F. Chisholm Esq^r F.R.S. D. A.

Consulting Architect to Govt.

To

Colonel G. H. Walker R.E.

Secretary to Government P.W.D.

Sir

With reference to G. O. No. 22 dated the 1st July last I have the honor to state that it will not be necessary to submit modified plans and Specification for adding the Verandah sanctioned in G. O. No. 604 dated 13th June 1873 Revenue department as the Verandah shown on detailed drawing No 6 circulated with G. O. No. 2791 dated 1st September will answer every purpose.

2 I would respectfully point out to Government with reference to the Order under notice that a very considerable projection of the roof 3' 6" is provided in the plans, in lieu of a Verandah, and the advantages anticipated from double this amount of projection appear to me to be a little imaginary.

3 The angle from the edge of the roof to the bottom of the wall at plinth level without the Verandah is 18° from the Vertical, with the Verandah, 48° from the Vertical. A building constructed with the 3' 6" projection by the compass, directly under the equator would

No 80

District Engineers Office Tinnevely
Camp. Ambasamudram. 6th September 1871

From

J. W. D. Dundall Esq.
District Engineer
Tinnevely

Colonel G. W. Walker R.E.
Chief Engineer and Secretary to Govt.
D. P. W.

Sir,

I have the honor to report that the collector has requested me to refer to Government the question of the addition of Verandahs to the New Ambasamudram Taluk bacheri.

On the 10th ultimo Mr. Puckle forwarded me a letter from the Sub-collector who stated, that in his (Mr. Brandell's) opinion, the omission of Verandahs in this new bacheri was a serious mistake, and that hereafter the addition of unsightly pandals or tatties would be found necessary.

In reply I informed Mr. Puckle that the original design which provided Verandahs was abandoned by order of Government (G.O. of the 15th March 1871) and that a revised Estimate had been made out for completing the building without Verandahs, and that I did not suppose that having once decided that the bacheri should be finished off without Verandahs, the Government would be prepared now to sanction them.

G.O. 1484 of 1865-66
13 June 73 - 92-93
26-6-94

No. 20-22

P.O. 1873 Ambasamudram
Revenue No. 406

From

Ch. 4464

The Collector, Ambasamudram

to the P. & M. Dept.

Doc.

The Secretary

to Government

Dated 9th August 1871
Revenue No. 406

Encl.

Regarding Verandahs

Handwritten Plans.

Ammales Col M.S.

Very Respectfully

14/9/73

C. 1284 of 1873-74, 15th June 1873, 26/6/74

G.O. 3 of 1873-74, 15th June 1873

them. In reply to this and under date the 28th Ultimo, the collector has requested me to refer the matter for orders, "as it seems a pity that a Building estimated to cost Rs 27,000 should be rendered almost untenable for want of the protection which a Verandah affords."

4 Mr. Puckle adds. "No house in this country however poor is without some sort of Verandah and the handsome appearance of a public building without Verandahs, will be hardly appreciated by the crowd that usually throngs the neighbourhood of the Taluk-bacheri. It is true that there is a 'ryatsheol' in the compound, but this if used at all will only be used as a temporary resting place, the crowd will stand as usual round and about the building in which the Tahsildar, or Deputy Registrar, or Record-keeper whom they want to see holds his office, and the discomfort of the crowd in the sun will perhaps be aggravated by the doors and windows of the building being closed to keep out the heat and glare."

5 I have had an Estimate prepared and find that to add a Verandah to the Sub Registrar's room, Post Office, Sub Magistrate's Court, Sub Magistrate's room, and Gumastah's room will cost Rs 2,000. Part of the foundations were originally put in, or else it would cost more.

6 It is possible now to add the Verandah the walls being finished, and the roof in course of being erected: but the work is in rapid progress and will be completed in accordance with the present sanctioned plan in a few months if no delay occurs. I have therefore the honor to request the favor of early orders on the subject.

7 I certainly think that the small sum of Rs 2,000 might be given to render still more complete a building on which so large a sum is being spent, and I have no doubt that the native officials would feel the inconvenience of working in a building exposed (though even in part) to the direct rays of the sun, just as much as Europeans would.

8 I venture again to request early orders, as I have stopped work on those parts of the building to which it is now suggested to add Verandahs.

I have the honor to be
Sir

Your most obedient servant

L. W. Randall
District Engineer
Trinivelly

①

REVENUE DEPARTMENT.

No. 2677.

From The Consul's Architect to go. Dated 7 August 1873
thru the P. O. D.
FOR ORDERS.

187

I would ask here to
our order. Per me take
are a Com fort. in India

108

10 13 June 1873 No 22-98
- 23 June 1873 No 24-98

No 20-22 26-6-94

Transferred to the
Revenue Dept with refer-
ence to the mentioned
- former order.

4. 8 No 24-792
15 March 1871
No 13 June 1873

and to the Comr. Ar-
chitects letter of 4.56
of Aug previously
transferred.

Ammales Old

15 Sept 1873
No 4 Apr 1873

26 Sept 1873 No 3 Oct 1873

1873 No 28-30
The Chief Engineer &
Secretary to Government
S. M. S.

Dated 6th 1873
Recd 10th 1873

Brings notice the
desirability of adding
Treasurer & the
Cuthery at Ambra-
-more than now under
construction, and request
orders on the subject.

No 30 Sept 1873 No 1 Oct 1873

1060
FOR ORDERS.

Under Secy

Under Secy

c. 12 Sept 73 1/2. 15 Sept 73 1/2. 26/9 1/2-3/10

1060

Revenue Department.

No 1060

Proceedings of the Madras Govt.

3 Oct 73

Read the following

Docket from Secy: to Govt P.W.D.

Transferring letter from the Consulting Architect to Govt stating that it is not necessary to submit modified plans and Specification for adding the Verandah sanctioned in L.O. No 604 dated 13 June 1873.

A.R. 4th September 1873.

Docket from Secy to Govt P.W.D.

Transferring letter from the Dist. Engr: Simsbury bringing to notice the desirability of adding Verandahs to the taluk cutchery at Ambasamoodram now under construction.

A.R. 15th September 1873

11/10 10/10

The Consulting Architect will be informed that the practical advantages to be derived

Jul

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