F. Rest

(1) பக்கங்களின் எண்ணிக்கை 104.
(2) புதுக்கித் திருப்பிய நாள் 19.4.90
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் (Ow)

தமிழ்நாடு ஆவணக் காப்பகம்.

(49)

தமிழ்நாடு அரசு

P. W. D துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 3671
அச்சகம் / பலவகை

நாள் : 31-12-1889 ~~198~~.

டிக்கவோ கண்டபடி கையாளவோ கூடாது

76 sheets + 1 = 77 sheets

வணை. கா-1—18,006—15-6-87.

3671

13TH DECEMBER 1883, No. 3565 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

Proceedings of the Public Department, dated 16th November 1883, No. 2179.

ORDER—dated 13th December 1883, No. 3565 W., Public Works.

The following are the points in the appendix to His Excellency the Governor's Minute, which appear to require notice in the Public Works Department:—

Pálghat.

(1.) High school at Pálghat.
(2.) Alignment of the proposed Pálghat and Dindigul Railway.

Tellicherry.

(3.) Railway communication between the Malabar Coast and Coorg, to form a junction with the Mysore State Railway.

Mangalore.

(4.) Construction of a harbour at Mangalore.
(5.) Railway communication between North Coorg and Mangalore.
(6.) Improvement of communication between Cannanore and Mangalore.

The remarks in the appendix with regard to No. (1) will be communicated to the Superintending Engineer, Fourth Circle, who will report how the matter stands at present.

No. (2.) The question of alignment will be duly considered when the survey, which it is proposed to undertake, is taken in hand.

No. (3.) This question will be considered separately in connection with the letter, dated 11th October 1883, addressed by the Malabar Chamber of Commerce to the Chief Secretary to Government.

Nos. (4) and (5) have been disposed of by His Excellency the Governor's reply to the address of the municipal commissioners of Mangalore, and no further immediate action is required.

No. (6.) The remarks on this subject will be communicated to the Chief Engineer for Irrigation, for inquiry and report.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation,
" Consulting Engineer for Railways,
" Superintending Engineer, Fourth Circle, } with the appendix to Minute.
" Educational Department.
" Public Department.

Exd. E. Fernandez.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated December, 13th.

Recd. *Encl.*

G.O., 13th Dec. 1883, No. 3565 W

DECEMBER.

Governor's Minute

Passing orders on His Excellency the
on his recent tour in the western coast.

3671

7th January 1884, No. 15 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 28th December 1883, No. 592 W. :—

In reply to G.O., No. 3565 W., of 13th instant, I have the honor to inform you that the original design for Pálghat high school was sent to my predecessor, for an opinion, by the Director of Public Instruction on the 4th July 1882.

2. The design was pronounced faulty and such as could not be properly built for the estimated amount. It was also pointed out that certain conditions specified by the Director had not been attended to. It was suggested that Government should be solicited to order the preparation of plans and estimates by this department.

3. The original papers were then returned to the Director, and nothing further appears to have been communicated to this office about the matter.

Order—dated 7th January 1884, No. 15 W., Public Works.

Communicated to the Educational Department, with reference to the Proceedings dated 13th December 1883, No. 3565 W.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Educational Department.
" Superintending Engineer, Fourth Circle.

Exd. E. Fernandez.
Spare Copies

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.
PUBLIC WORKS.

Dated January, 7th.

Recd. *Encl.*

G.O., 7th Jan. 1884, No. 15 W.

JANUARY.

High School at Palghat

Report *re* the plan and estimate for the construction of the —, communicated to the Educational Department.

3671

4th August 1884, N449, Educational.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—again the following paper :—

G.O., dated 26th May 1884, Mis. No. 2, Educational.

Read—the following papers :—

From C. A. GALTON, Esq., Acting Collector of Malabar, to the Private Secretary to His Excellency the Governor, dated Calicut, 16th April 1884, No. 1756.

I have the honor to submit, herewith, a memorial, presented for transmission to His Excellency the Governor, by certain inhabitants of Pálghat, and to state, with reference to the complaints of the memorialists that the Director of Public Instruction has been called on by Government to report whether any, and what, building-grant should be made to the Pálghat municipality as requested (*vide* G.O., dated 28th March 1884, No. 160, Educational).

Enclosure.

To HIS EXCELLENCY the RIGHT HONORABLE the GOVERNOR of MADRAS.

The humble memorial of the inhabitants of
Pálghat, a town in the district of Malabar.

May it please your Excellency,—Your memorialists beg to draw your Excellency's attention to the following facts :—

That the old high school house of this town, being found in a very unsatisfactory condition, a public meeting was called by the then Head Assistant Collector, Mr. E. J. Sewell, in February 1880, to ascertain whether the inhabitants of this town and neighbourhood would contribute anything towards the cost of erecting a suitable building, and the meeting was largely attended by the most influential portion of the population, including local rajahs and chiefs.

2. That a subscription list was at once opened under which over Rs. 6,000 have been collected towards the re-building fund.

3. That your memorialists understand that the fact was communicated to the Director of Public Instruction, who entirely approved of what had been done, and promised to ask Government for a sum equal in amount to what was collected by voluntary subscription, and the building committee was required to prepare plans and estimates for the building.

4. That the plan and estimates were prepared accordingly by the Local Fund Engineer for the committee, but, although approved by the Director of Public Instruction, these were rejected as unsuitable by the Public Works department officers, who have not, as far as your memorialists are aware, prepared any plan or estimate in place of that which they so strongly condemned.

5. That your memorialists humbly beg to state that the old building, which has long been in an unsound condition, was blown down during a heavy gale at the commencement of the monsoon of 1882, and from that date the high school is wholly without a suitable shelter.

6. That for some time the school was held in the municipal school building for two hours daily before the pupils of that school assembled; it was then transferred to a small bungalow where the accommodation was wholly insufficient, and for rather more than a year it has found shelter in a thatched shed behind the municipal office.

7. That your memorialists regret that this state of things has greatly interfered with the good management and progress of the school, and has caused much inconvenience and even danger to health to the masters and pupils especially during the rains.

8. That your memorialists understand that the above state of things was brought to the notice of the higher authorities by the local officials, but no favorable reply has yet been received by them.

3

9. That, though it is nearly four ye since the subscription was collected, no attempt has, they believe, yet been made to utilize the unt so as to remedy the inconvenience felt by your memorialists owing to the want of a sufficly commodious school building.

10. That your memorialists, in concon, humbly pray that early orders may be passed for the commencement of the building *before* t setting in of the monsoon, and your memorialists, as in duty bound, will ever pray.

Palghat, 28*th March* 1884.

Endorsent on the above.

Transferred to the Chief Secrety to Government, by order of His Excellency the Governor, for early disposal.

Ootacamund,
21*st April* 1884.

(gned) A. AWDRY, Captain, R.E.,
Private Secretary.

From H. B. GRIGG, Esq., M.A Director of Public Instruction, to the Chief Secretary to Government, ded Ootacamund, 30th April 1884, No. O-76.

With reference to endorsement No. 886, dated 23rd April 1884, I have the honor to submit a report from Mr. Mro, Inspector of the Division, and to state that I approve his proposal to grant to e commissioners a sum equal to the amount collected towards the erection of a suable building for the high school, and further to request that, as the building is urgeny needed, the grant may be paid on the certificate of the Superintending Engineer at the building is worth double the amount of grant to be paid by Government, thu relieving the commissioners of the necessity of sending the plans and estimates to be passed by the Public Works department before the grant is sanctioned. I have littl doubt they will be able to erect a sound and suitable building for about Rs. 12,000. They should, however, obtain the advice of the Inspector of the Division regarding the general plan before beginning work.

2. I do not approve Mr. Monro's suggestion that provision should be made for the normal school in the building.

3. If the commissioners resolve o take the present school building for the high school, and expend the subscription money on several small buildings, they should receive no aid from Provincial funds, because the Government are not bound to aid commissioners in erecting buildings for middle schools, nor should they be encouraged in seeking to provide for the secondary education of the town wholly by municipal agency, thus repressing all private efort.

4. No action could be taken regarding the erection of a building until the transfer of the school to the municipality had been sanctioned.

ENCLOSURE.

From A. MONRO, Esq., M.A., B.C.L., Acting Inspector of Schools, 6th Division, to the Director of Public Instruction, dated Coonoor, 26th April 1884, No. 2301.

Referring to your endorsement, No. O-35, dated 22nd April 1884, I have the honor to state that the building in which the high and middle schools of Pálghat are located is a thatched shed quite inadequate for the accommodation of the institution. It is therefore absolutely necessary that immediate steps should be taken to erect a suitable building.

2. My reason for not taking action earlier was that I thought it desirable to wait until the transfer of the high school to the municipality was finally settled.

3. The plan and estimate stated by the memorialists to have been prepared by the Local Fund Engineer was rejected by the officers of the Public Works department on the ground that the site selected was objectionable as being likely to sink. The site was the piece of ground on which the former building, blown down in 1882, stood.

4. The commissioners are, I gather from a conversation with the Head Assistant Collector, divided in opinion as to the utilization of the sum of Rs. 6,000 collected. Some think that the building in which the Kalpatti municipal school is held should be handed over to the high school, and that the money should be used in erecting municipal middle schools in different parts of the town. Others, and the majority, I believe, propose to ask Government for a sum equal in amount to that collected, and to erect a handsome building for the high school. The latter course seems to me to be obviously the best. The policy of opening municipal middle schools is open to objection as interfering with private effort; whereas the high and middle schools must be maintained by the municipality, and, if so, it is desirable that the institution be provided with a suitable building, and, so far as funds will admit of it, a building which may be an ornament to the town.

5. I would suggest that the latter course be adopted, and that Government be asked to contribute a sum of Rs. 6,000 for the purpose. The officers of the Public Works department might be requested to select a fresh site for the building, in consultation with the Vice-President of the municipality. There is some spare ground close to the Kalpatti middle school, which might possibly be found suitable. This would be the best site, as it is desirable that the high school should be close to the middle school, so as to be under the supervision of the head master of the former institution.

6. The present normal school building at Pálghat is a mere shed, being small, dark and ill-ventilated. A sum of Rs. 12,000 (Rs. 6,000 from local contributions and 6,000 from Government), or at most Rs. 14,000, would, I think, be sufficient to erect a building large enough to accommodate both the high and normal schools. It might possibly be made a condition of the Government grant that, in the proposed building, space sufficient to accommodate the normal school be provided. This would be a distinct measure of economy, and the location of the normal school in the same building and under the supervision of the head master of the high school would be of great advantage to the former institution. The high school at present contains upper IVth, Vth and VIth classes. The upper IVth might be handed over to the Kalpatti middle school, in the event of Rs. 12,000 or Rs. 14,000 being found insufficient to erect a building large enough for the purpose suggested above.

Order—dated 26th May 1884, Mis. No. 285, Educational.

The Director of Public Instruction will state whether the grant of Rs. 6,000 recommended can be made from the provision made for building-grants in the Educational budget for 1884-85.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

Read—also the following paper:—

From H. B. GRIGG, Esq., M.A., Director of Public Instruction, to the Chief Secretary to Government, dated Ootacamund, 17th July 1884, No. O-498.

In reply to G.O., dated 26th May 1884, No. 285, I have the honor to state that if the proposals made in my letter, No. O-496, of the 17th instant, are approved, the grant of Rs. 6,000 for Pálghat school building can be met from the provision for grants-in-aid without exceeding the total allotment to the department for the current year.

Order—dated 4th August 1884, No. 449, Educational.

A grant of Rs. 6,000 is sanctioned for the Pálghat high school building. The plans and estimates (which should be put in hand at once) must however first be passed by the Public Works department.

2. It is observed that nearly four years have elapsed since the inhabitants of Pálghat subscribed Rs. 6,000 for the school building. The Government desire to be furnished with a report clearly explaining the delay.

(True Extract.)

Chief Secretary.

To the Director of Public Instruction.
" Public Works department.
" Collector and President, Municipal Commissions of Malabar.
" Accountant-General.

Exd. J. Wright.

G.O. No 3565 W. 13-12-83
" " 15 W. 7-1-84.

Communicated to the Supdg Engr IV Circle.

2. So far the P. W. Dept is concerned, the delay was explained in the Supdg Engr's letter printed with P.G. No 15 W dated 7th January ~~1884~~

18-8-84

19.8.84

Des 25/8/84

S.E. IV Circle

Educational Dept

18-8-84

Govt. of {1884} Madras.

EDUCATIONAL.

850

Issued

Recd. 15-8-84 Encl.

G.O., 4th August 1884, No. 449.

AUGUST.

Building Grants.

Sanctioning a grant of Rs. 6,000 for the Pálghat high school building, and calling for a report clearly explaining the delay in settling this question.

Put to order

3671

26th July 1886, No. 470, Educational.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Coonoor, 13th July 1886, No. 4737.

I have the honor to submit a plan and estimate, amounting to Rs. 14,095, for constructing a building for the Pálghat High school, and to recommend that a half grant of Rs. 7,047-8-0 may be sanctioned, as a special case, towards the construction of the school-house, in lieu of the half grant of Rs. 6,000 sanctioned in G.O., dated 4th August 1884, No. 449, Educational. The difference, viz., Rs. 1,047-8-0, between the two sums is a moiety of the excess over the cost originally estimated. The reasons for the special concession have been fully set forth in Mr. Grigg's letter, No. O. 76, dated 30th April 1884, recorded in the Government order quoted above.

2. I beg also to submit the accompanying letter * and correspondence in connection with the building grant of the school received from the Chairman, Municipal Council, Pálghat, who requests that early orders may be obtained for the work being proceeded with.

* No. 612, dated 16th June 1886.

Enclosure.

From the Chairman, Municipal Council, Pálghat, to the Director of Public Instruction (through the Collector of Malabar), dated Pálghat, 16th June 1886, No. 612.

I have the honor to enclose a resolution of the municipal council with reference to the enclosed plan and estimate (to be returned) of the proposed high school building, and to request that you will be so good as to lay the matter before Government, with your recommendation, as soon as possible. A statement of the amount in hand and that required to be expended is enclosed.

2. The first estimate prepared by the officer of the Public Works Department was far in excess of the funds available. The enclosed is a revised estimate and will not admit of any reduction.

Extract from the Proceedings of the Municipal Council, Pálghat, at a special meeting held on the 16th June 1886.

* * * * *

1. *Plan and estimate of the proposed High school building.*—The plan and estimate were approved at the last meeting, 8th June, but have not yet received the sanction of Government. Owing to rejection of a plan and estimate prepared by the late building committee and the preparation of fresh estimate by the Public Works Department, the cost of the new building has risen from Rs. 12,000 to Rs. 14,095. In applying for the sanction of Government the municipal council are therefore under the necessity of asking that the original Government grant of Rs. 6,000 may be increased to a moiety of the total estimated cost, and to add to their former grant Rs. 1,047-8-0, the rest of the deficiency being paid from municipal funds. The council would also request that they be permitted to pay to the Public Works Department Rs. 7,047-8-0, Government being requested to issue early orders for the commencement of the work. In the present state of their finances, the council cannot afford to withdraw from their scanty funds Rs. 7,047-8-0 which they would have to do were they called upon to comply with the rule laid down in G.O., No. 274, dated 20th March 1886, paragraph 4.

5

Resolution.—Resolved that the Government be addressed through the Director of Public Instruction, and requested to sanction an increase of Rs. 1,047-8-0 to the former grant of Rs. 6,000, and to take measures for the commencement of the work as soon as possible.

(Signed) T. C. ELSWORTHY,
Presiding.

No. 91-M.D.

Forwarded.

Calicut,
21*st June* 1886.

(Signed) C. KUNHIKANNAN,
for Collector.

Order—dated 26th July 1886, No. 470, Educational.

2091/4 25.8.86

The Government sanction, as a special case, the proposed grant of Rs. 7,047-8-0 towards the construction of the Pálghat High school building, in lieu of the grant of Rs. 6,000 sanctioned in G.O., dated 4th August 1884, No. 449.

2. The necessary orders for the execution of the work will be issued in the Public Works Department.

(True Extract.)

Chief Secretary.

21.5/86

To the Director of Public Instruction.
" Public Works Department, with plan and estimate.
" Financial (M.) Department.
" Accountant-General.

Exd. T. O'Connor.

3671

No 2115C - 20-12-84
2091W. 25-8-84
3565W. 13-12-83

(11) Mlle 6215

Govt. of {1886} Madras.

EDUCATIONAL.

B.I.C

Issued

Recd. 10/8/86 *Encl.* 22 (3

G.O., 26th July 1886, No. 470.

No. 2968 C dy 31-8-86

JULY.

Building Grants.

Sanctioning, as a special case, the proposed grant of Rs. 7,047-8-0 towards the construction of the Pálghát High school building, in lieu of the grant of Rs. 6,000 sanctioned in G.O., dated 4th August 1884, No. 449.

Ext - 11 - 8 - 86 d. 27-8-86

367

Public Works Department.

(11)

Current No. 6215

Letter No. G.O. No. 470 Edl.

Dated the 26th July/86

From the Secy to Govt. - Educational Dept.

NOTE OF REMARKS.

1. The accompanying plans and estimate provide for constructing a 'Government High School' at Pálghát in the Malabar district. The estimate amounts to Rs. 14,095 — thus divided:— the main building — Rs. 12,030; the 'science room' Rs. 1,975; and the belfry — Rs. 90.

2. As directed by E.W. in his No. 2115C of the 20th December '84 the plan and estimate have been prepared in consultation with the councillors of the Pálghát Municipality. The proposed main building is to consist of a central irregularly hexagonal hall, (formed by combining together a rectangle 31 ft. × 22 ft., and a trapezium 7¾ ft. × 16½ ft.) with a verandah, 37½ ft. × 9 ft., in front and a verandah 6¼ ft. wide surrounding it on all

No 2115C - 26-12-8
2091W 15-8-8
3565W 13-12-8

other sides; and two wings — each wing is to consist of a rectangular room, 46 ft × 22 ft, with an enclosed verandah, 35½ ft × 9 ft, and a corner room, 9 ft × 9 ft, in its front and an open verandah 4⅞ ft wide in the clear, at its end and rear. — The proposed 'science room' is to consist of a central room 22 ft × 22 ft, two tiffin rooms, each room 18 ft × 6 ft, to its rear and an open verandah, 7 ft outside width, on its remaining three sides. The belfry is to be formed of two wooden posts, each 10 ft high and 3/4 ft square in transverse section, fixed in concrete and carrying a tiled covering.

3. The walls of the two proposed buildings are to be of brick-in-mortar with their outer faces 'pointed' and their inner plastered. The roofing is to be of Mangalore tiling supported in the case of the main building on trusses. The flooring is to be of 8 inches square tiles on a concrete bed 4 inches thick

Oct -11-8-86 2.47.8

3671

4. The scantlings of the various roof timbers given in the estimate differ in the majority of cases from those set down in the 'Standard Specifications' for such timbers in such span of roof as that in question. The length allowed to the principal rafters of the nine trusses is insufficient, 12 ft. The scantling of the purlins, 8 inches square, appears to be excessive — 7 inches square in cross section is ample. Again, the "tie beam" and "king post" of the 'science room' are evidently sources rather of weakness than of strength to the roof, — while the names given to the timbers are certainly misnomers. A collar-piece to each of the two pairs of ordinary rafters of the science room would, subject to approval, be an improvement. — Many of the timber measurements given in this estimate appear to have been carelessly calculated, and while

6

No 2115C - 26-12-
2091W 25-8-8
3565W 13-12-8

it may be admitted that none of the mistakes committed is so grave as to endanger the roofing still, subject to approval, it would be well in the event of the sanction of this design by E.W. to draw attention to the existence of errors in the measurements of the roof timbers of the main building, and also to the advisability of substituting collar pieces for the "tie-beam" and "king-post" of the 'Science Room'.

5. The rates are fair — those for masonry (brick-in-mortar) being somewhat low. The plans and estimate have been countersigned by the Ag. Director of Public Instruction and have been approved in the Educational Dept.

EH
16/8/86

3671 (11)

The following points appear to require notice.

The Malabar truss provided for the roof of the Science room is apparently quite useless.

The so-called tie-beam 5"×7" would barely support its own weight with a span of 22 ft much less the weight of the roof thrown on it by the vertical strut wrongly described as a king post.

It is considered suggested that this should be either replaced by a proper king-post truss. or else that the feet of the king rafters should be tied together by diagonal iron tie rods. of the two pairs of common rafters coupled.

The scantlings of the various timbers differ slightly from those given in the Standard Specification but as the roofing is to consist of Mangalore tiling the scantlings may perhaps be passed.

The length of the principal rafters is given as 12 ft whereas they should be 11½ ft. It also seems unnecessary to continue the tie beams to the outside of walls.

The framing of the timbers for the belfry does not appear to be satisfactory. The structure is over 12 ft in height and the vertical

No 2115C - 26-12-
2091W 25-8-8
3565W 13-12-8

posts are only embedded in concrete for a length of 1.6 only & are not supported in any other way. ~~[illegible]~~

3671

The rate allowed for brickwork & arch work seems extraordinarily low particularly when the difficulty of obtaining bricks on the West Coast is considered.

It is suggested that the Estimate be sanctioned but that the attention of the S. E be directed to the points noted above.

17. 8. 06.

To
D.W.
18.8.6.

Letter can be drafted [illegible] and the [illegible] for [illegible] of A. E. a.

return for revision
20/8/86
21/8/86

D.W.
Is the Estimate to be sanctioned or returned for revision?

HB
21.8

No. 2968 C d/ 31-8-86

3671

C/

Note by the Chief Engineer.

In the accompanying plans and estimate for constructing a High School at Palghat, the following points appear to require notice:-

The Malabar Truss provided for the roof of the Science room is apparently ~~quite~~ useless.

The so-called tie-beam 5×7" would barely support its own weight with a span of 22 ft, much less the weight of the roof thrown on it by the vertical strut wrongly described as a king post.

C

It is considered that this should be either replaced by a proper king-post truss, or ~~else~~ that the feet of the hip rafters should be tied together by diagonal iron tie rods, ~~or the two pairs of common rafters coupled~~.

//

Palghat High School

3671

To W.

The plans & estimate have already been approved by the Dir. Public Instruction, & as the alterations effected by the S.E. are merely in engineering details, it does not appear necessary to send the papers back to the Director –

The alterations have however increased the estimate from Rs 14095 to Rs 14,825, & the half building grant must therefore be increased by Rs 365.

An endt to Educn Dept is therefore submitted for approval –

13

3.12.86

C. No. 9073 3671 P. W. Secretariat.

Note by Budget Section.

Work Constructing a high school at Palghat

Remarks and References.

Fund Provincial

Service Head Civil Buildings...

Departmental Head Original Works

Amount of Estimate ... ... Rs. 14825

Expenditure in previous year ... ,, –

Allotment in current year ... ... ,, –

Balance required to complete ... ,, –

Total Rs. ... 14825

Note of available funds.

The work may be sanctioned and included in the budget for 1887-88. The moiety of the estimate to be met by Govt is Rs. 7412-8-–.

26th November 1886.

Budget Clerk.

Note by Budget Section.

4336 C of 6-12-86

3671

Telephone Message

From

The Asst Secretary

To

The Under Secy

P. W. D.

Your endorsement No. 4336 C of 6th instant — will the municipality be required to pay the cost of supervision &c. at 23% for the construction of the Municipal High School at Palghat by the P. W. Deptt.

Case

Vide [illegible]

see Code (Acct) [illegible]

660 & 661 S.P.

12-12-86

but see 663.

Cy

To D.W.

Proposed to reply as follows:— "Your message about Palghat High School. The municipality will be required

High School Palghat

Rs 14,825

W

The plans & estimates may be sanctioned, & the work included in the budget for 1887-88. The funds to be provided in the B.W.D. amount to ½ total cost viz Rs 7412-8

3.12.86

The plans & estimates should be approved by the Director Public Instruction

Plans approved [illegible] by Director [illegible]

188~~5~~6.

P. W. DEPARTMENT.

Current No. 9073

From The Supt'g Engineer IVth Circle.

Enclos.—Ue (5 plans)

No. 440 Ew

Dated 17 Novr 86

Received 20 —

SUBJECT.

High School at Palghat Plan & Estimate amo. to Rs 14825 for Constructing a —

3/14 11/12/86

DISPOSAL.

No. [illegible] Dated 6 Sept [illegible]

Forwarded to the Educational Dept with advertence to this dept endorsement No. 2968 C dated 31st August 1886

2. The Estimate, as now amended, amount

to Rs 14,826, or Rupees 730 in excess of that forwarded with G.O. dated 26th July 1886, No. 470 Educational, & the half building grant will require to be increased to Rs 7412-8- 3671

(Sgd) J. O. Hasted Col RE
Secy to Govt PWD

No. 2968 C dd 31.8.86.
" 2115 C " 20.12.84
" 2091 W " 25.8.84.
" 15 W " 7.1.84
" 3565 W " 13.12.83

3671

Educational Department.

CHIEF SECRETARIAT, MADRAS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper from the Director of Public Instruction, Madras, dated 9th February 1887 No. 555.

With reference to para 2 of Government Order dated 24th December 1886 No. 1276 M Financial, I have the honor to state that there are no funds available under Grants-in-aid for the payment of the building grant in the current year.

2. I beg to observe that in G. O. dated 22nd January 1887 No. 207 W, the plans and Estimate for constructing the High School at Palghat were ordered to be held in abeyance.

Order 21st February 1887 No. 87 Misc.

Communicated to the Local and Municipal and the Public Works Departments.

(True Extract)
W. S. Meyer
Asstt Secretary

17

To
The Public Works Department.

403 w 14 2.87
2968 C 31.8.86 4336 C 6.12.
2091 w 25.8.84. 2115 C 20.12.8
1577 7.1.84.
3565 w 13.12.83.

B. No. 572 W d/ 25 Feby. 87
B

Recorded with reference to G.O. No 463 d/ 14th February 1887 with which the plans and estimates were forwarded to the Local and Municipal Dept

24.2.87

24/2/87

8514
25/2/87

28/2

Educational Dept ✓
Supdg Engineer IV Circle ✓

Despd. 25/2/87.
28/2 ✓ 28/2

[6]

Govt. of (188) Madras.

(7)

To The P.W. Dept

Proceedings, dated 21st July 1887
No. 87 th

Subject.

B. No. 572 W d/ 25-2-87

Cov'g letter from the Director of Public Instn stating that no funds are available for building grant to Palghaut High School

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3621.

27th December 1886, No. 795, Educational.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—again the following papers:—

G.O., dated 26th July 1886, No. 470, Educational.

G.O., dated 8th September 1886, Mis. No. 578, Educational.

Abstract.—Communicating to the Director of Public Instruction note by the Chief Engineer, No. 2968-C., dated 31st August 1886, returning, with remarks, to the Superintending Engineer, IV Circle, for early revision, plans and estimates for constructing a high school at Pálghat.

Read—also the following paper:—

From the Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated 17th November 1886, No. 440-E.W.

Abstract.—Forwarding the plans and estimates duly revised.

No. 4336-C.

Forwarded to the Educational Department, with advertence to this department endorsement, No. 2968-C., dated 31st August 1886.

2. The estimate, as now amended, amounts to Rs. 14,825, or Rs. 730 in excess of that forwarded with G.O., dated 26th July 1886, No. 470, Educational, and the half building grant will require to be increased to Rs. 7,412-8-0.

(Signed) J. O. HASTED, Col., R. E.,
Secretary to Govt., P. W. D.

6th December 1886.

Order—dated 27th December 1886, No. 795, Educational.

The increased building grant is sanctioned.

(True Extract.)

H. E. Stokes
Ag. Chief Secretary.

To the Director of Public Instruction.
" Public Works Department, with plans and estimates returned.
" Financial (M.) Department.
" Accountant-General.

Exd. A. Raitt.

19

Govt. of {1886} Madras.

EDUCATIONAL.

Issued

Recd. *Encl.*

G.O., 27th December 1886, No. 795.

DECEMBER.

Building Grant.

Sanctioning an increased — for the Pálghat High School.

3671

24th December 1886, No. 1276 M., Financial.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

Read—the following paper:—

From G. W. DANCE, Esq., Chairman, Municipal Council, Pálghat, to the Chief Secretary to Government (through the Collector of Malabar), dated 6th December 1886, No. 1273.

I have the honor to submit copies of the following correspondence and Resolution 5 from Proceedings of the Council, dated 22nd November 1886:—

(1) Letter from the Head Master, High School, Pálghat, to the Chairman, No. 145—86, dated 23rd October 1886.

(2) Letter from the Executive Engineer, West Coast Division, to the Chairman, dated 10th November 1886, No. 1007.

Enclosures.

From T. C. ELSWORTHY, Esq., Head Master, High School, Pálghat, to the Chairman, Municipal Council, dated Pálghat, 23rd October 1886, No. 145—86.

I have the honor to request that the attention of the proper authorities may be called to the necessity of commencing, with as little delay as possible, the construction of the new school-house; the plan and estimate have been sanctioned by Government (G.O., No. 470, dated 26th July 1886.) In letter, No. 1418, dated 3rd March 1886 (see G.O., No. 274, dated 20th March 1886, paragraph 3), from the Director of Public Instruction, it is stated that the municipality must build the school-house and recover the grant from Government. In their proceedings dated 16th June 1886, the Council point out that the funds at their disposal will not allow of so large an expenditure, and request that the money in their hands (the proceeds of a public subscription raised in 1880) be made over to Government, and that the work be carried out by the Department of Public Works. This request is passed over in G.O., No. 470, dated 26th July 1886.

2. I would suggest that the work be commenced now that the rains are over. It has been deferred for more than six years, and it would be difficult to assign any sufficient reason for this long delay. The disadvantage under which the school has labored on account of insufficient accommodation has been repeatedly brought to notice. I quote a few words from the proceedings of the Director of Public Instruction, No. 4158, dated 17th June 1886: "Much cannot be expected so long as the school is badly accommodated." I would also request that attention be drawn to a petition from the inhabitants of Pálghat, addressed to the Government of Madras, dated 28th March 1884, printed in G.O., No. 285, dated 26th May 1884.

From H. S. TAYLOR, Esq., Executive Engineer, West Coast Division, to the Chairman, Municipal Council, Pálghat, dated Calicut, 10th November 1886, No. 1007, P.W.D.

In reply to your letter, No. 1151, dated 30th ultimo, and No. 1184, dated 6th instant, I have the honor to inform you that the estimate for the high school at Pálghat has not yet been sanctioned, and until it is sanctioned and funds allotted, work cannot be commenced.

Extract from Proceedings of a Meeting of the Municipal Council, Pálghat, held on the 22nd November 1886.

* * * *

5. Read letter from the Executive Engineer of the West Coast division, stating that the estimate of the Pálghat high school has not yet been sanctioned by Government, and that work cannot be commenced until it is sanctioned and funds are allotted.

20

No. 4336. C d/ 6-12-86
" 2968. C d/ 31-8-86
" 2115. C d/ 20-12-86
" 2091 W d/ 25-8-86
" 15 W d/ 7-1-86
" 3565 W d/ 13-12-83

Govt. of (1886) Madras.

FINANCIAL.

Issued

Recd. 8-1-87

Encl.

G.O., 24th Dec. 1886, No. 1276 M.

DECEMBER.

High School.

Informing the Chairman, Municipal Council, Pálghat, that the estimate for the construction of the — building at that place will be considered by the Public Works Department, and that one-half of the estimate, finally sanctioned, will be contributed from Provincial funds, and stating the conditions on which the Public Works Department will undertake its construction.

No. 209 W

2621

PUBLIC WORKS DEPARTMENT.

B/

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22d Jany /87

READ the following

Proceedings of Govt. Educational Department. H. E. No. 795 d/ 27th December 1886.

Proceedings of Govt. Financial Department. H. E. No. 1276 M. d/ 24th December 1886.

Pending the receipt of reply to the reference made to the Chairman, Municipal Council, Palghat, in para 1 of G. O. No. 1276 M. (Financial) dated 24th December 1886, the plans and estimate for constructing a high school at Palghat, received with the first of the proceedings above quoted, will be held in abeyance.

17.1.87

D 22/1/87

17/1/87

To The Suptg. Engr. IV Circle
" Educational Department
" Financial Department (M)

15/1

22

Cas.

4336 C 6. 12. 84.
2968 C 31. 8. 86.
2091 vv 25. 8. 84
15 vv 7. 1. 84
3565 vv 13. 12. 83
2115 C 20. 12. 84

B. W. 207 W a/22-1-84

B W 24/1

Chief Secretary's Office
17 JAN 17
Government of Madras

Chief Secretary
for purposes of communication.
[illegible] — [illegible]
2 copies [illegible]

3671

Office of the Director of
Public Instruction,
Madras, 12th December 1884.

No. 8735

From

H. B. GRIGG, Esq., M.A.,
Director of Public Instruction,
Madras.

To

The Chief Secretary to Government,
Fort Saint George.

Sir,

With reference to Government Order, dated 4th August 1884, No. 449, Educational, I have the honor to forward a letter from the Inspector of Schools, 6th Division, enclosing the plans and estimates of the Palghat School house and to request that they may be revised as soon as practicable by the Department of Public Works in communication with the President of the Municipal Commission, and the Inspector of Schools, 6th Division. Revision by the Department of Public Works is suggested by the President in his letter (Enclosed) No. 646, dated 5th December 1884, addressed to the

23

Inspector of Schools, 6th Division, and by Colonel Beatty in para 4 of his letter, dated 13th November 1884, also enclosed.

2. I have only to observe that the school is now a Municipal institution, and consequently the erection of the building devolves on that body. This office is only concerned so far as seeing that the conditions of the Grant-in-aid Code are fulfilled.

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

H. B. Grigg

Director of Public Instruction

Edl 1048/84

Ld VD

Enc 7.

Enc 5.

SUPG: ENGINEER'S OFFICE No. 781 W.C. 9 NOV. 85 P. W. D. FOURTH CIRCLE

SUPG: ENGINEER'S OFFICE No. 1856 W 22 DEC. 84 P. W. D. FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE No. 29 DEC 84 P. W. D. WEST COAST DIVISION

SUPG: ENGINEER'S OFFICE No. 20 DEC. 85 P. W. D. FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE No. 28 DEC 85 P. W. D. WEST COAST DIVISION

SUPG: ENGINEER'S OFFICE No. 19/2876 21 APR. 86 P. W. D. FOURTH CIRCLE

SUPG: ENGINEER'S OFFICE No. 758 W 2 SEP. 86 P. W. D. FOURTH CIRCLE

15 NOV. 86 P. W. D. FOURTH CIRCLE

19 DEC 84
DEPARTMENT

EXECUTIVE ENGINEER'S OFFICE
28 DEC 84
P.W.D.
WEST COAST DIVISION

EXECUTIVE ENGINEER'S OFFICE
No. 7124
28 DEC 85
P.W.D.
WEST COAST DIVISION

HON'BLE MEMBER,

Cash No 2821 [illegible] 18

Forwarded to the Public Works Deptt in view to the issue of the necessary orders for the Early revision of the plans and estimates of the Palghat school house.

By order,
J. D. Rees
Under Secy to Govt

13.12.84

Ootacamund
20th Decr/84

No. 2115 C

Forwarded to the Supdg Engineer IV Circle, who will revise the plans & Estimates accordingly.

Return of these papers is requested.

[illegible]
Col RE
Chief Engineer P.W. Deptt

19.12.84

To
The Supdg. Engineer IV Circle
C.S.
19.12.84

~~Financial~~

4023

1884.

~~Educational~~ Department.

SUPDG: ENGINEER'S OFFICE
NO. 3530
20 DEC. 85
P.W.D.
FOURTH CIRCLE

NO. 1856 W
22 DEC. 84
P.W.D.
FOURTH CIRCLE

From

THE DIRECTOR OF PUBLIC INSTRUCTION,
Madras,

To

THE CHIEF SECRETARY TO GOVERNMENT,
Fort St. George.

SUPDG: ENGINEER'S OFFICE
13/ 781 W.C.
3 NOV. 85
P.W.D.
FOURTH CIRCLE

1809/83
925
8/7/86

SUPDG: ENGINEER'S OFFICE
NO. 758 W
2 SEP. 86
P.W.D.
FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE
No. 10.254/86
P.W.D.
WEST COAST DIVISION

Enc 4

Dated 12 Edl } December 1884
Despatched } Edl 1048/86
Received 13

No. 8735

ENCLOSURES. Six.

Subject.

Palghat School house —

Submitting certain correspondence, with plan & estimate, regarding the —

Forwarded

Local & ~~Financial~~ Munl Department.

3621

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

letter from the Chairman, Municipal Council, Palghat, dated 28th January 1887 No. 117.

With reference to para 1 of G. O. No. 1276 Financial Department dated 24th December 1886, I have the honor to submit for the early orders of Government an extract from the resolution of the Municipal Council, Palghat at their meeting held on the 25th January 1887.

Enclosure.

Extract from the Proceedings of the Municipal Council, Palghat held on the 25th January 1887.

* * * * * *

4. Read G. O. No. 1276 dated 24th December 1886 stating that the estimate for the construction of the High School building will be considered by the P. W. Department, that one half will be contributed by Government but that the work will be undertaken by the P. W. Department only on payment of 23 per cent on the Municipal Expenditure for supervision.

JB

The Council regret their inability to contribute 20 per cent for supervision. They will make their own arrangements for the execution of the work & resolve to request Government to place their contribution at the disposal of the Council as early as convenient.

(Sd.) P. Karunakara Menon
Chairman.

Endorsement on the above.

No. 263 M. D.

Forwarded.

(Sd.) W. Logan
Collector.

Order thereon of 10th February 1887 No. 108 M. (Mis:)

Communicated to the Public Works Department with reference to G.O. of 22nd January 1887 No. 207 W.

2. The Director of Public Instruction will expedite the submission of his reply to para. 2 of G.O. of 24th December 86 No. 1276 M.

(True Extract)

W. S. Meyer
Asst. Secretary

To
The Public Works Department
" Director of Public Instruction
" Chairman, Municipal Council, Palghat,
thro' the Collector of Malabar.

H

3671

26

2968 C 27-8-86 2115 C [illegible]
209 I.W 25-8-84
15 W 7-1-84
3585 W 13-12-73
433 C 1-12-86

No. 463 W dt/ 14 Feb. 1887

B

Communicated to the S. E. V Circle, in continuation of G.O. No. 207 W dt/ 22 February 1887.

The Municipal Council Palghat having undertaken to make their own arrangements for the construction of the proposed High School, the plans & estimates which have been prepared in the P.W.D. will be returned to the Council through the Coll. & Municipal [illegible]

[illegible] 14/2/87 [illegible] 11-2-87

B [illegible]

[illegible]

M.C. No. 1548

Govt. of (188) Madras.

To The Public Works Department.

C 11-2-87

Proceedings, dated 10th February 1887.
No. 108 Misc.

No. 463 W. 14th Feb. 1887

Subject.

Communicating, with reference to G.O. No. $\frac{207 W}{22-1-87}$ resolution of the Municipal Council Palghat regarding the construction of the High school building.

No. 2968C d/ 31-8-86
" 2091W " 25-8-84
" 15W " 7-1-84
" 3565W " 13-12-83
" 572W " 25-2-87
" 463W " 14-2-87
" 4336C " 6-12-86
" 2115C " 20-12-84

2/6

1889.

P. W. DEPARTMENT.

Current No. 4839

From The Local & Munl: Dept

Enclos.

No. 433
Dated 27th May 1889
Received 28 do

SUBJECT.

Referring for remarks letter from the Chairman, Municipal Council, Palghat reporting in detail the grounds on which the High School building is condemned by the Exec: Engineer & the Director of Public Instruction

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DISPOSAL.

No. 2621C Dated 4th June 1889

Forwarded to the Supdg: Engineer IV circle for early report with reference to G.O. No 463 W d/ 14 Feb. 1887 and previous correspondence.

D 15/6/89 (By order)
(Sd) W.L.C. Baddeley Capt. R.E.
Dy: Chief Engineer P.W.D.

(Id) R.R.E.D. B.
-89

3671

Public Works Department.

Current No. 6572
Letter No. 311 E4
Dated 12th July 1889
From the Supdg: Engineer IV Circle

B See within
15.7.89

NOTE OF REMARKS.

The two Estimates under review amounting to Rs 276 & Rs 1500 for improvements to the Govt: High School at Palghat are submitted for sanction with reference to para 2 of G.O. No 1760 W d/ 4th July 1889 –

It is proposed to provide sky lights in the roof so as to give more light in the central hall and other parts of the building. This work which will cost Rs 276 is considered to be indispensable –

It is further proposed to enclose the two back verandahs by means of windows partly glazed & partly venetianed. The enclosed verandahs are to be used as class rooms during the S.W. monsoons in case the other rooms are still too dark — This work which will cost Rs 1,500 is stated to be optional — by which it may be assumed that it is not actually necessary, it may therefore be well to wait and see whether the proposed sky lights in the roof afford sufficient light, in case they do not the proposal to enclose the back verandah may then be considered.

The rates as far as can be checked are fair —

Contingencies and petty supervision are charged for at 2½ per cent each —

This estimate may be communicated to the Local & Municipal Depts with reference to G.O. No 1760 W. d/ 4 July 1859 —

18/7
59 —

The papers should be forwarded to the L & M Dept in continuation of G.O. 1760 W of 4th July 1859.

It does not seem necessary to express any opinion as to how much of the proposed work should be carried out.

18.7.59

3621

29

1760 W d/ 4-7-89
2621. C d/ 4-6-89
572 W d/ 25-2-87 ✓
463 W d/ 14-2-87 ✓
4336. C d/ 6-12-86 ✓
2115. C d/ 20-12-84 ✓
2968. C d/ 31-8-86 ✓
2091 W d/ 25-8-84 ✓
15 W d/ 7-1-84 ✓
3565 W d/ 13-12-83 ✓

~~& files sent to L & M. Dept for their~~
~~C No 1472/89 d/ 6/8/89~~

1889

P. W. DEPARTMENT.

Current No. 6572

From
The S.E. IV Circle

Enclos.— 6 × 1 plan

No. 311/E.W.
Dated 12-7-89
Received 17-7-89

SUBJECT.

Govt: High School at Palghat. Forwarding for sanction two estimates for improvements to the—

DISPOSAL.

No. D. Dated

Transferred to the Local & Municipal Dept: in continuation of G.O. No. 1760 W d/ 4-7-89.

sd/- K.K.E.D.B.
W

desptd 30/7/89

P.W.D.

3671

From the Supg. Engineer IV Circle No: 311 E.W. d/ 12th July 89.
Endorsement to L and M Dept No: 5245 D d/ 20th "
Note "for orders" in the — Do — d/ Aug: 87.

Note on the plans and estimates for the Palghat School House.

The plans and estimates for the Palghat School House were after revision by the Supg. Engineer IV Circle in accordance with a note by the Chief Engineer dated 31st August 1886, resubmitted and after scrutiny in the Technical Branch of the P.W.D. Secretariat, approved by the Chief Engineer and sanctioned in G.O. No: 1276 M dated 24th Decr 1886.

First:

The defects in ventilation and lighting the building do not appear to have attracted attention during the passage of the plans and estimates through this Deptt. The Supg: Engineer and Chief Engineer at the time were Colonel Beatty and Colonel

31

Colonel Hasted and the
17 plans and estimates prepared
26 by Mr H. S. Taylor Ex: Engineer
5 West Coast Dn.

The proposals made by Colonel Fraser for insertion of glass panes in the roof is a feasible one. Special tiles are made for this purpose at the Calicut Mission Tile Works and are largely used in buildings on the Western Coast. Light could also be admitted through the verandah by means of the proposed glazed windows, during the prevalence of the S.W. Monsoon, when the doors and windows of the main building have necessarily to be closed, if the verandahs be not so provided. But I consider that if light is admitted through the roof and the doors and windows of the main rooms be glazed, there would be no necessity to fix the glazed venetians between the pillars of the verandahs. Apparently this was suggested with

In a building of this design having such broad verandahs and overhanging eaves, the only method of lighting is through the roof or an extended system of clerestory windows

3671

with a view to convert the latter into additional class rooms.

(Sd) R. A. E. Drake Brockman
Lt Col. RE.
Ag: Chief Engineer and
Jt: Secy to Govt. P.W.D.

To
The Local and Municipal
Dept with papers retd.

32

These papers sent in original with
No. 657 D a/ 13.8.84 with a request to return
No. 15 W a/ 7.1.84 } them when done with —
" 572 W " 25.2.87.
" 463 W " 14.2.87.
" 4336 C " 6.12.86.
" 2968 C " 31.8.86.
" 2091 W " 25.8.84.
" 3565 W " 13.12.83.

Draft 14-8/87

5412..

No. $\frac{434}{E.W.}$

3671

Inspection Notes of Colonel H. M. Vibart R.E.

On 25th September I visited works at Calicut with Col: A. J. Fraser, R.E., Executive Engineer. Visited West Hill Barracks, which are in good order.

2. There is a Bakery (Rs 4300) and a Slaughter House (Rs 3465) to be built. The Executive Engineer pointed out the proposed sites for these buildings.

Transport Bullock Lines

3. These two buildings are complete with the exception of a small tunnel over a drain between main road and the buildings. Elephant and Mule Lines still required. The two buildings are neatly finished,

they

inspection

they seemed to me very lofty for Bullock Sheds.

Collector's Cutcherry.

4. Foundations for main building being excavated, Compound wall is being built. It is two or three feet above ground. Several buildings within this enclosure have to be removed and arrangements have been made accordingly. A large quantity of laterite blocks collected, as well as lime, soorki &ca; also a considerable amount of teak and most of the doors, windows &c are ready.

5. Law Courts. This work is finished with exception of two lamp posts which are now on their way from Bombay. This work

seems

O.H. 6418.

---

seems to have been well done.

Custom House Shed.

6. A portion of this improvement has been carried out. The roof being tiled with Mangalore tiles beneath which are placed Corrugated Iron Sheets. A further allotment is required for the work. The work is considered important as it is necessary to make the sheds secure against robbers. The goods stored in these sheds are of very considerable value.

7. On 26th. Visited Calicut Jail which holds 240 prisoners. The condemned Cells being enlarged to contain 6 separate Cells. The walls have now reached

a

a height of about 10 feet.

Two new wards which were lately built are very neat.

Slight leakage was reported in some of the blocks, but considering the heavy rain it seems to be very trifling.

8. On 27th. Colonel Fraser and I visited the Barracks at Malliapuram. The works are practically complete. The new block has been built well and looks very neat. The Commanding Officer expressed himself as greatly pleased with the Barracks and thought the men very fortunate in having such good quarters.

9. On 28th. We visisted

Ponani

Ponani. Inspected the Public Offices there which appear in good order although there was slight signs of leakage here and there in the verandahs. The Record Room appeared to require a verandah round it. This addition would serve to keep the walls of the Room dry, an important matter in such a climate.

A glazed door is required inside the Iron barred gate and the Executive Engineer has ordered this to be added. While at Ponani we visited the Vittala Dam which is about 3 miles from Ponani The dam appeared in excellent order. The wing at the West End requires some attention. The Executive Engineer is aware of this and will attend to it shortly.

10. On 30th. Col: Fraser and I visited Palghât. Here the Sub-Judge's and Munsif's Court is getting on well. The walls have been raised some 12½ feet high. All the arches over the interior doors and windows are completed and those in the verandahs are just about to be commenced. The timber for the roof has been collected and seems of an excellent quality; all the doors, and windows, ventilators &ca. are ready.

11. We visited the Palghât High School House. It is a fine building and seems well

well adapted for its purpose. The difficulty of securing sufficient light with good protection from the weather seems to have been got over successfully.

A little more light would perhaps be desirable in monsoon weather and this could easily be secured by putting some glazed tiles in the roofing. I understand the people at Palghât are exceedingly well satisfied with the building.

12. We inspected the Church; the interior and the fittings generally seemed in very good order; but the tiling on the roof requires considerable attention, especially in the Porch. The Executive Engineer

will submit an estimate for the necessary repairs shortly. The wood work of the roof, where it is exposed to the weather, is in bad order and must be restored as soon as possible.

13. We paid a visit to the old Fort and I looked at the old Cemetery but I could not get inside as the gate was locked. It contains a few old tombs, large and ugly masses of masonry.

14. On 2nd October I visited the Central Jail at Coimbatore. Colonel Porteous, Inspector General of Jails, the Collector Mr. Thompson, the District Judge Mr. L. A. Campbell, Mr. Martin, Executive Engineer and Mr. Baker, Honorary

Honorary Assistant Engineer were also present. The prisoners are camped out at Singanellore, so the Jail is now empty and is being cleaned up. Every endeavour is being made to get the place ready for the prisoners within a fortnight. The wells are being cleared out, but in the case of one great difficulty is being experienced in pumping it dry.

The floors of the buildings generally seem too close to the ground, they should, I think, be raised or at any rate pials raised on which the prisoners should sleep. More ventilation is required in many of the cells and throughout the Jail; the high and solid walls prevent free circulation of air. The top parts of the division walls might be replaced by Iron Railing.

The wells should all have Iron gratings at the top and there should be proper means of pumping up the water required so as to obviate the necessity of ~~having~~ pots as at present. There were extensive signs of surface scouring by drainage water, so that I should imagine the drainage of the interior of the Jail, which is very extensive might be improved with great advantage

advantage

advantage.

Colonel R.E.,
Supg. Engineer, 4th Circle.
Camp Ootacamund
7th October 1889.

To,
The Chief Engineer,
P.W. Departmen

38

M

P.W. Cur. 9445

From

The Supg. Engr.
4th Circle

Dated 7th } October/89
Despd 8th }

Recd 9. 10. 89

SECRETARY TO GOVERNMENT
-9 OCT 89
P.W. DEPARTMENT, MADRAS.

No. 434 / E.W.

No. 4577 C d/10 [illegible]

Inspection Notes of
Colonel H. M. Vibart R.E.
Supg. Engineer 4 Circle
for September 1889.

No. 4577 C d/10-11-1889

Recorded

8.10.89

9.10.89

12/10

No. 5022 C d/2-11-1889 P.W.D.

C

3621

Memo

Endorsement from the Supdg. Engr. IV. Circle No. 423 E.W. d/ 30th September 1889, on letter from the Ex. Engineer West Coast Division No. 483 d/ 24th Sept. 1889.

Endorsement from the Chief Engineer, Periyar Project, No. 1892 P.R. d/ 23d October 1889, on letter from Mr. H.S. Taylor, Ex. Engineer, No. 1732 S.C. d/ 22d Octr 1889.

C. No. 9277

Letter from Se. IV Circle fordg. letter from Ex. Engr West Coast Dn submitting a report on the High School at Palghat

C. No. 10100

Letter from the Chief Engr Periyar forwarding Mr. Taylor's explanation in connection with the Palghat High School.

Forwarded to the Local and Municipal Department with reference to G.O. in that department No. 1073 M. Mis dated 23d August 1889.

2. It is observed that with the exception of the details of the ventilation of the centre room, the drawings were fully sufficient for the proper construction of the building under professional supervision.

3. An extract from the notes of inspection by the Supdg: Engineer, Col: Vibart, regarding this building, is enclosed for information.

1. The L & Mn. Deptt with orig. papers, & extract from notes of inspection.

D 4/11

30.10.89

30.10.89

No 4577 C d/ 10-10-89
1760 W d/ 4-7-89
545 D d/ 20-7-89
6872 D d/ 13-8-89
2559 W d/ 14-9-89
2839 W d/ 11-10-89
2621 C d/ 4-6-89
463 W d/ 14-2-89
072 W d/ 25-2-89
4336 C d/ 6-12-86
2968 C d/ 31-8-86
2091 W d/ 25-8-84

11644
H. w. 18-12-89

No. 5168 C d/ 7th Nov 1889

2621

P. W. C. No 10412

From S. E. IV circle

No. $\frac{482}{E.W}$ d/ 1st Novr 89
Ry 4 - do -

Subject

Palghat High School

Forwg: copy of letter from the Ex: Engineer West Coast Dn Submitting further report on the ——— ×

P. W. C. No 10496

From S. E. IV circle

No. $\frac{488}{E.W}$ d/ 2nd Novr 89
Ry 5 - do -

Subject

Palghat High School

Forwarding copy of docket from the Ex: Engr W. C. Dn reporting on the sky lights to be placed to the ——— ×

Forwarded to the Local & Municipal Dept, in continuation of endorsement No. 5022 C d/ 2nd November 1889.

(Sd) R. R. E. Drake-Brockman
Ed. Col. R. E
Ag. Jt. Secy. to Govt P. W. D.

D 8/11

No. 5022 c d/2-11-89
" 2839 w - 11-10-89
" 4577 c - 10-10-89
" 2559 w - 14-9-89
" 687 D - 13-8-89
" 545 D - 20-7-89
" 1760 w - 4-7-89
" 2621 c - 4-6-89
" 463 w - 14-2-87
" 572 w - 25-2-87
" 4336 c - 6-12-86
" 2968 c - 31-8-86
" 2091 w - 25-8-84
" 15 w - 7-1-84
" 3565 w - 13-12-83

No. 5168 c d/ 7th Nov. 1889

No. 808 2621 25th August 1888.

To
The Chairman
Palghat.

Sir,

In reply to your No 1328 of 11th Current, I have the honor to inform you that I have seen the new Municipal School.

2. The large doors with circular heads ought to have these cut off and the leaves made square so as to open 7 ft 7 in from the ground a bar being inserted in the present door frames to form a sill and the heads to be fixed all in a manner shown the contractor who need incur little expense in making the alteration

3. Ventilation is entirely absent and ought, as well as more light, to be provided by clerestory windows immediately under the wall plates.

4 They as well as some improvements which seem required in the plan of the roof, will be laid down on a sketch with which you will be supplied presently.

5.

5. The masonry between the doors appears also slight for the support of the heavy front gable and this question will be considered at the same time as those affecting the roofing

Sd/ A.T. Fraser Col RE
Executive Engineer

(True copy)

ATFraser Col RE
Executive Engineer

SUPDG. ENGINEER'S OFFICE
No. [illegible]
15 JUN. 89
P.W.D.
FOURTH CIRCLE

No. 844 28th August 1888
3/71 Desp. 5th September 1888

To

The Chairman
Palghat

Has the honor in continuation of this Office No. 808 dated 25th Instant to forward a drawing of the high gabled front altered to a hipped roof with an ornamental weather board.

2. The Belfry above can be added or not as preferred.

3. Only so much of the arches as shown to be radiated, the rest being ordinary horizontal brickwork cut to a circular form.

4. The ventilations are shown with the sides fixed venetians which provide constant ventilation and so the glazed sashes need not be made to open.

Sd/ A.T. Fraser Col RE,
Executive Engineer.

(True copy)

ATFraser Col RE,
Executive Engineer.

SUPG: ENGINEER'S OFFICE
No. 5/4017
15 JUN. 89
P.W.D.
FOURTH CIRCLE

No. 864. 362 11th September 1888.

To
The Chairman
Municipal Council
Palghat.

Sir,

I have the honor to state in reply to your No. 1470, dated 7th Instant, that as plans for works of the kind are drawn by Draftsmen who have small practical knowledge, they occasionally require a few improvements made during their progress. As it had gone so far there was only the way I have pointed out of remedying such omissions in the building as I noticed.

2. The estimate had been followed and the materials and workmanship were good.

3. There is no extra cost involved except for the few additions such as door sills, ventilators and Belfry for which the Contractor can be held to tender, and the items are then easy of comparison with the rates charged for similar work under the Contract

The ventilators being in light frames ought to be slightly cheaper than the other windows per sft. but this had best be made a matter of agreement

I have &c.

Sd/ A. T. Fraser Col RE
Executive Engineer

(True Copy)

A T Fraser Col RE
Executive Engineer

SUPDG ENGINEER'S OFFICE
No. 1401
15 JUN. 89
P. W. D.
FOURTH CIRCLE

No. 1048 1st November 1888.
Dep. 3rd do

367

To

The Chairman
Municipal Council
Palghat.

Sir,

I have the honor to return the sketch which accompanied your letter of the 30th October 1888 No 1810, and to state that I do not see any objection to archways A. B. C. D being made in the inner walls of the central Hall if carefully carried out to correspond with those opposite.

2. I have already dealt with the improvements required in my No. 866 of 28th August 1888 to the Chairman. It is desirable to alter the plans of buildings in progress as little as possible.

I have &c.

Sd/ A. T. Fraser Col RE,
Executive Engineer

(True Copy).

A T Fraser Col RE,
Executive Engineer!

SUPDG: ENGINEER'S OFFICE
No. 1/401
15 JUN. 89
P. W. D.
FOURTH CIRCLE

W579/89

360

No. 319

Executive Engineer's Office,
WEST COAST DIVISION,
Calicut 12th June 1889

FROM

Col. A. T. Fraser RE

EXECUTIVE ENGINEER,
WEST COAST DIVISION.

TO

The Superintending Engineer
4th Circle.

Sir

I have the honor with reference to your No. 321 W.C. dated 8th Instant and Proceedings of Government No 2621 C, dated 4th June 1889*, to state that it was not my intention to "Condemn the plan of the Palghat School" by any means

* Returned herewith

2. This will be easily seen from my letter of the 11 September in reply to the Chairman's of the 7th September after I had looked at the building at his request. Copies attached.

3. The three previous letters I wrote August 25th and 28th and November 1st, 1888 were all the rest I had to say on the subject.

4. I may mention that in designing a school building for

Palghat there are two incompatible objects to be attained: ample light and thorough protection from the South West Monsoon.

5. The plan appeared to me made too exclusively in its minor features to secure the latter advantage at the expense of the former, but this is very different from giving it my condemnation.

6. It seems from the Chairman's report that even the clerestory windows of the size I considered it safe to recommend do not prevent the lighting of the Central hall being most defective. They, however, give the ventilation required.

7. It is always difficult to light a Central Hall except by a skylight which is apt to leak, and expensive to build.

8. But in this case, as much light as wanted can be introduced by putting some mission glazed tiles in the roof either in rows or clusters. If the surface of the glass is ground, the panes will not let the direct rays of the sun through. This

3671

This can be done without change of any part of the design and at small cost.

9. As these are the only and easily met defects remaining it is unnecessary to refer to the points which I more immediately had in view as omissions of the draftsman.

10. The facilities of an Executive Engineer's office, I may mention, are not the same as those of the Consulting Architect, in producing plans to be carried out by other Agency.

11. On the nature of the accommodation I have no remark to make as the dimensions of the rooms were no doubt either prescribed or acquiesced in, by the Educational Authorities with regard to the sum at their disposal.

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

C W Fraser Col RE
Executive Engineer

41

616 Forwarded

No. 272
Ew.

Forwarded to the Chief Engineer, P. W. Deptt. with reference to his Endorsement No. 2621C of 4th current.

2. The Executive Engineer has been called upon to submit a statement of the proposed improvements with their estimated cost to make the building suitable for a school House.

Col. R.E.,
Supg. Engineer, 4th Circle
Camp Coonoor
17th June /89

3/13

WEST COAST DIVISION.

SUPG. ENGINEER'S OFFICE
No. [illegible]
15 JUN. 89
P.W.D.
FOURTH CIRCLE

From
Col. A. T. Fraser R.E.
EXECUTIVE ENGINEER,
WEST COAST DIVISION.

To,
The Suptg. Engineer
4th Circle -

Dated 12th } June 1889.
Despatched 13th }
Received

No. 319

Enclosures. 5

School Building at Palghaut.

Passes certain remarks on the construction of ——

3621

47

Pr. B no [illegible] W d/ 25-2-84 . . [illegible] C d/ [illegible]
„ „ [illegible] d/ 21-2-86 . . 207 W d/ 22- [illegible]
Pr. B no 2091 W d/ 25-8-84 Memo No 4326 C d/ 6-2-85
„ „ 15 W d/ 7-1-84 „ „ 2115 C d/ 20-11-84
„ „ 3565 W d/ 12-12-83

✓

O.R.C. No 3718

No 1760 W d/ 4th July 89

(5)

From

The Supg Engineer
Fourth Circle.

Comd to the
Local & Municipal
Dept and the
referred papers
returned.

2. A further com-
munication from
the S. E. is awaited.

Dated 17th June/89

No: 272/Misc

Enclo. 5

[illegible]
25.6.89

[illegible]
26.6.89

School Building
at Palghat:—

Forwarding Co
letter from the Executive Engineer
West Coast Dn
passing certain
remarks on the
construction of →

L & M Dept.
S.E. IV Circle
with papers returned

0/26/6.

[illegible] 10/7.

3621

CHIEF SECRETARIAT, MADRAS

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers—

Again G. O. dated 5th March 1889 No 254 M. para 5 (1) reviewing the municipal budget of Palghat for 1889-90.

Endorsement of the Collector of Malabar dated 7th May 1889 No 104, on letter from the Chairman Municipal council Palghat dated 29th ~~March~~ April 1889 No 834 submitting the details called for in para 5 of G. O. No 254 M. dated 5th March 1889.

G. O. P. W. Department dated 4th July 1889 No 1760 W. regarding the High school building at Palgha.

Endorsement of the Ag Joint Secretary to Government P. W. Department dated 20th July 1889 No 545 D. on that of the Superintending Engineer 4th circle dated 12th July 1889 No 311/Im forwarding letter from the Executive Engineer West coast Division dated 6th July 1889 No 363, submitting for sanction two estimates one for providing sky

48

sky lights and another for glazed frames for closing the back verandah of the Government High School at Palghat.

Note from the Chief Engineer P.W. Department dated 13th August 1889 No. 687 D, on the plans and estimates for the Palghat school house.

Order thereon d/23rd August 1889 No. 1073 Mu. Mis

The estimate for sky-lights is approved and may be carried out by the Municipality. The cost will be defrayed by Government, the funds being provided in the P.W. Department.

2. The Chief Engineer's suggestion that the doors and windows of the main rooms should be glazed will be referred to the Council for consideration. This plan seems preferable to the closing in of the back verandahs proposed by the Executive Engineer, a measure which would increase the darkness of the central rooms.

3. The papers read above show that the chairman had ample cause for complaint in regard to the serious defects of the building, and that the plans were prepared with culpable carelessness

It would further appear from Col Fraser's statement that Mr. H. S. Taylor the then Executive Engineer left the work of preparing the designs entirely in the hands of an ignorant draftsman. Mr Taylor will be called upon for a full explanation in the P. W. Department.

(True extract,)
W C Baddeley Capt R.E.
Under Secretary P.W.D.
for Chief Secretary

To

The chairman Munl Council Palghat
thro' the Collr of Malabar
with plans and estimates
" Director of Public Instruction } Paras 1 and 2
" Public Works Department.

2621 **Govt. of {188 } Madras.**

To

Proceedings, dated 188
No.

Subject.

[5] 95 F C N 8092

Govt. of (1889) Madras.

Local and Municipal Depts.

To

The P. W. Department

(2)

4 OCT 89

B 29.8.89

Proceedings, dated 23rd August 1889.
No. 1073 Mpl. Misc.

Subject.

Passing orders on correspondence regarding the High school building at Palghat.

With order

29-8-89

572 W / 25/2/87
463 W / 14/2/87
2968 C / 31/8/86
2091 W / 28/8/84
16 W / 7/1/84
3560 W / 13/12/83

B/

No 2559 W

Communicated to the Supdtg. Engineer IV Circle, who will supply Mr. H S. Taylor, through the Supdtg. Engr. Periyar Project, with such papers as will enable him to submit the explanation called for in these Proceedings.

6.9.89

S. E. IV Circle with copy of C. E.'s note 687 D/13 Aug 89
S. E. Periyar Project
Ex. 2/4/9.

O. 29-8-89

O.S. 15/8

No. 1656,

3621

Municipal Office
Palghat 21st September 89

2173 m

From,

G. W. Dance Esqr.
Chairman, Municipal Council
Palghat

To,

The Honorable J. D. Price
Chief Secretary to Government
Local and Municipal Department
Madras

Thro:

The Collector of Malabar
Calicut

B. 2559 W
14.9.89

Sir,

I have the honor to acknowledge receipt of G. O. no. 1073 M. misc:, dated 23rd August 89. I subjoin a resolution of the Council on the subject and request the favor of an early answer

Resolution, dated 19th September 89

1. Read G. O. no. 1073, dated 23rd August 89, forwarding an estimate submitted by the Executive Engineer for providing sky lights to the High School Building, with the remarks that the cost for carrying out the additional

51

Work Rs 276---- will be defrayed by Govt.

3671

(1) "The Council are greatly obliged to Government for their offer to provide additional sky lights. The Council request that they may be informed whether the work is to be carried out by the Department of Public Works or by the Council. In the latter case, the Council request that the amount may be placed at their disposal at an early date

(2) With reference to the Chief Engineer's proposal that the doors and windows of the main rooms should be glazed, the Council are not prepared at present to incur any additional expenditure on account of any further alterations."

no 301.

Forwarded
H Winterbotham
Collr.
23-9-89
24-9-89

I have the honor to be
Sir
Your most obedt Servant

Chairman

1073 M 23-8-89

P.W. No. 92305

Local & Municipal Dept
CURRENT No. 2173 M

3671

From,

The Chairman
Municipal Council
Palghat

To,

The Chief Secretary to Govt
Local and Municipal Department
Madras

Thro: The Collector of Malabar
Calicut

CHIEF SECRETARIAT
26 SEP 89
GOVERNMENT OF MADRAS

Dated 21st September 89

Despatched 21st September 89

Received

No. 1656

Submitting in reply to G.O. No. 1073 M d/ 23rd August 89 a copy of the resolution of the Council dated 19 September and requesting an early answer

M.D. 453
24-9-89
(with an endorsement) H

Recd: 2 - 10 - 89

No 799

Transferred to the Public Works Department.

Assistant Secretary

P.R.
30/9/89
Fort St George
1st October 1889

SECRETARY TO GOVERNMENT
-2 OCT 89
P.W. DEPARTMENT, MADRAS.

To the Public Works Departt.

30/9

No. 3565 W d/ 13.12.83
" 15 W d/ 7.1.84
" 1091 W d/ 25.8.84
" 2968 C d/ 31.8.86
" 463 W d/ 14.2.87
" 572 W d/ 25.2.87
" 687 S d/ 13.8.87
" 2559 W d/ 14.9.89

No. 2839 W d/
Ans Oct 11, 1889

B

Sdl
9 Oct

The work will be carried out by the P. W. Dept from the grant for Provincial Minor works at the disposal of the Supt. Engineer.

Mem
4.10.89

Recd
4.10.89

B

SE IV Circle ✓
Ex. PW @ ✓
Let the dept ✓
Chief Secy for favor of countersignature

Despd
12.4.89

C.S. 4.4.87
Hw 8.4.87
12/10
12/10

---

a-671

Executive Engineer's Office,

No. 483

WEST COAST DIVISION,

CALICUT 24th September 1889.

FROM
Col. A. W. Fraser RE,
EXECUTIVE ENGINEER,
WEST COAST DIVISION.

TO
The Superintending Engineer,
4th Circle.

ENCLOSURE.

SIR,

I have the honor, with reference to your No. $\frac{432}{S.C.}$ of 17th September 1889, and Government Order No. 1173 M, Miscellaneous, dated 23rd August 1889, to state that apparently what I had to write on the Subject of the Palghaut School plan and alterations seem to have been taken to reflect on Mr. H. S. Taylor, C.E., in a manner I did not in the least intend they should.

2. The additions and improvements which I saw necessary to effect were of the nature of those ordinarily done in the case of every work during construc ion, trifling in amount and without materi l change of plan and estimate.

3. The only addition involving expence

53

SF

I put forward tentatively — glazing the back verandahs — was not with a view of increasing the light inside but of giving extra class room accommodation in the rainy season in those verandahs.

4. Buildings with verandahs on this Coast are necessarily dark in the interior during the rainy season even with clerestory lighting as eaves must project, and it is absolutely necessary on occasion to come out into the verandah to get enough light, in fact I have had to do so in writing the present letter. It would be an advantage for the school to be able to form class rooms in the back verandahs close to the light.

5. The remarks in the correspondence as to the designs and omissions of the draughtsman amounted merely to this, that the West Coast Divisional Office was not in Mr. Taylor's time and is not now constituted to produce plans of important buildings so complete in minute detail and working drawings as to be worked from by Municipalities without calling in, as was done in the present instance, the assistance of a member of the Department at some stage or other of the work of Construction.

6. As far as known, the school was on the model of one that had suited, and given satisfaction to the Education Department in the Coimbatore District.

7. I have had exactly similar complaints made by the District Authorities of South Canara with regard to a new Deputy Collector's Cutcherry, the plan of which the roof was the same kind was criticized up hill and down dale, till I pointed out that it was the Standard Plan of the Consulting Architect, and that all that was required to improve the light in the monsoon was the expenditure of a few rupees in ground glass and glazed tiles, which has been carried out, and with which arrangement and the building, these local authorities are now perfectly satisfied.

I have the honor to be,
Sir,
your most obedient Servant,

A. W. Fraser Colonel R.E.,
Executive Engineer.

No. 423/E.W.

Forwarded to the Chief Engineer Public Works Department with reference to G.O. No. 2559 W. of 14th September 1889.

Col. R.E.,
Supg. Engineer, 4th Circle

9/89

SUPG. ENGINEER'S OFFICE
No. 6314
27 SEP. 89
P. W. D.
FOURTH CIRCLE

W. D.

WEST COAST DIVISION.

File with S.E.

FROM

THE EXECUTIVE ENGINEER,
WEST COAST DIVISION.

To The Supg: Engr
4 Circle

Dated 24 } Sep: 1889.
Despatched
Received

No. 483.

Enclosures.

SUBJECT.

High School at Palghaut:

Submits a report on the —.

3621

55

P.W. CM No. 9277 A
11644
89

From

The Supg. Engineer
4th Circle.

Dated 30th Septer/89
Recd 2nd October/89

No 423
EW

Recd 4-10-89

High School at Palghat
Forwarding letter
from the Executive Engr.
West Coast Dn submitting a report on the—

No 1732-EE. Executive Engineer's Office
No 1 Periyar Division
Periyar dated 2nd October 1889

3621

From

H. S. Taylor Esquire
Executive Engineer
No 1 Periyar Division

To

The ~~Under~~ Secretary to Government
Public Works Department
Through, The Superintending Engineer
Periyar Project.

Sir,

I have the honor to submit my explanation regarding the plan of the Palghaut High School called for in G.O. No 2559 W dated 14th September 1889.

2 I have not seen the actual letter of the Chairman complaining of the defects of the building, but from the rest

53

of the correspondence it appears that want of light and ventilation to the centre room constitutes the only defect in the design.

3. As regards ventilation it was doubtless an omission, not to show ventilators under the wall plates in the centre room, but it was an omission which would have been corrected in the course of construction without the slightest alteration in the design or cost if the building had been constructed by professional agency.

4. When plans of buildings are drawn in an Executive Engineer's Office, to be carried out by an Engineer and not in an Architects Office there are frequently omissions of small details, which are corrected during construction and no blame cast on the Engineer or his draftsman. In this case the construction was carried out unprofessionally and therefore strictly according to plan to the

minutest

minutest detail. As a matter of fact the ventilators have been introduced at the suggestion of the present Executive Engineer and this objection is removed.

5. The ventilators under the broad eaves would not add much to the lighting of the room. This point of lighting always constitutes a difficulty with regards to designs for buildings in the Malabar Coast.

6. There are three courses generally adopted.
(1) to light by means of dormer windows,
(2) to light by glazed panes in the roof,
(3) to accept the darkness during the monsoon when doors and windows have to be shut.

(1) the lighting by dormer windows, as for instance the public offices lately built at Ponany is I think the most effective both for appearance and use but there is no doubt that this style adds considerably to the cost of the building. In the case of the Palghaut school, funds were strictly limited being provided by public

subscription with a proportionate grant in aid from Government. The cost therefore of this style was probably prohibitive.

(2) lighting by panes in the roof. This style with the special tiles to fit the ground glass panes which are made at Mangalore and Calicut is simple and effective, but I have known in my own experience that they have been objected to as admitting too much of the direct rays of the sun during the hot weather, without some special kind of screen which has not as far as I know, been satisfactorily devised.

In any case the insertion of these glazed sky-lights would be generally left to be carried out at discretion during construction, and would not be usually shown in an ordinary plan, and their omission could hardly be designated as a serious defect in design.

(3) is the alternative left - to accept insufficient lighting during the monsoon

In drawing out a plan to be carried out by unprofessional agency, and limited as to funds, as is the case in the present instance, I submit it is better to omit the roof lighting altogether leaving the insertion of lights ~~and~~ to the sense of the parties concerned, the cost, if the decision is made during construction, being immaterial.

7. The other alterations and additions which appear to have been made, can I think hardly be said to have been rendered necessary by carelessness of design. The belfry is an addition pure and simple.

8. The taking in the verandah with glazed partitions between the pillars was proposed by the present Executive Engineer in order to provide extra accommodation and should therefore be considered as an addition and not as an alteration rendered necessary by carelessness of design.

9. Col Fraser in his reports on the

building no where condemns the design, indeed he says that the building "presented a neat and very appropriate appearance;" also that the only omissions in the plan are of details which could have been easily corrected during construction, and that even after the building is finished, all that is actually required to improve the lighting is the expenditure of a few rupees in ground glass and glazed tiles.

10. As the plans of the Palghaut school left the West Coast Divisional office finally, when I was in charge of it and I might therefore be considered ina measure responsible for them, I have submitted the above explanation which I trust will show that there was no culpable carelessness shown in their preparation. I beg however in addition to point out the connection I had personally with the plans. The plan and estimate for the Palghaut High school were first submitted from

West Cost Divisional office to the Superintending Engineer IV Circle on 4th November 1885 by S. Subbaroya Achariar then holding charge temporarily for Col: Ross Thompson - They were returned by the Superintending Engineer, with remarks by the Municipal Council, for revision on 9th February 1886, the addition of a belfry and enclosed verandah being then proposed. They were re-submitted to the Superintending Engineer IV circle by Col: Ross Thompson on the 8th April 1886 -

11. I took charge of the Division in April 1886.

12. The Plan and estimate of the school were returned for revision to the Divisional office by the Superintending Engineer on the 4th September 1886 with a memo by the Chief Engineer on them. The remarks of the Chief Engineer were solely with regard to some of the timbers of the roof of the Science room (a separate

(a separate building) and certain rates. This I beg to point out is the first I had seen of it.

13. My attention not being particularly called to any portion of the plan besides that mentioned in the Chief Engineers Memo, I simply resubmitted the plan revising it with reference to his remarks, and it was thereupon sanctioned.

14. If the above arguments regarding the designs are not sufficient I beg to submit that the fact of the plans having gone three times through the Superintending Engineer's and twice through the Chief Engineer's office, is an additional and a very strong argument in favour of there being no 'serious defects' and I beg that I may be absolved from the blame

of

362 of 'culpable carelessness' imputed to me in the G.O under reply.

I have the honor to be

Sir

Your most obedient servant

A. T. Taylor

Executive Engineer

No 1 Periyar Division

Periyar 23/10/89
D/244

No 1892 P.R

Forwarded.

2. Mr Taylors explanation appears complete, except perhaps as regards the ventilators referred to in para 3, which it appears to me should certainly have been shown on the drawings.

60

3.

3. Attention is specially invited to para 10 to 13 of Mr Taylor's letter, showing how very little he really had to do with the design.

4. In any case his responsibility must be held to be covered by that of the Superintending and Chief Engineers, and it seems impossible to hold an Executive Engineer responsible for defects in a design which has been accepted by two superior Officers

[illegible]

J. Pennycuick Col. R.E.
Chief Engineer P. Project

8 — 2220 PR
23-10-89

P. W. D.

No. I. PERIAR DIVISION.

From, H. S. Taylor Esqre.
Executive Engineer,
No. I. Periar Division.

To,
The ~~Under~~ Secretary to Govt.
P.W.D.
Thro' The Supdg. Engineer
Periyar Project

No. 249 Dn.
1732·38.
Enclosure: Nil

Station Periyar
Dated 22nd Octr/89
Despatched — Do —

Subject.

Palghat High School — Submits explanation regarding the plan of — called for in G.O. No. 2559 W. of 14th September 1889

Enc

P.W. No. ~~10100~~ 11644 / 89

From

The Chief Engineer
Periyar Project Works

Encl -- --

Dated. 23rd October 1889

SECRETARY TO GOVERNMENT
28 OCT. 89
P.W. DEPARTMENT, MADRAS.

Recd: 28. 10. 89

No 1892 P.R

Palghat High School

Forwards Mr Taylor's explanation in connection with the —

Ch. 2534 / 89

3671

No. 5022 C

P. W. Department.
2nd November 1889

Local & Municipal Dept.
CURRENT No 2534 M

Memorandum

Endorsement from the Supg: Engineer, IV Circle No. 423 E.W. dated 30th September 1889, on letter from the Executive Engineer West Coast Division No. 483 dated 24th September 1889

Endorsement from the Chief Engineer, Periyar Project, No. 1892 P.R dated 23rd October 1889 on letter from Mr. H.S. Taylor, Executive Engineer, No. 1732 S.E. dated 22nd October 1889.

Forwarded to the Local and Municipal Department with reference to G.O. in that Department No. 1073 M Mis. dated 23rd August 1889.

2. It is observed that with the exception of the details of the ventilation of the centre room, the drawings were fully sufficient for the proper construction of the building under professional supervision.

3. An extract from the notes of inspection by the Supg: Eng

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Colonel Vibart R.E. regarding this building, is enclosed for information.

M C Bourdillon
Captain R.E.
Under Secy to Govt.
P.W.D.

To
the Local and Municipal Dept.
with original papers,
and extract from notes
of inspection

3871

Extract from Notes of Inspection by Colonel Vibart R.E. No. 434 E.W. dated 7th October 1889.

× × ×

11. We visited the Palghat High School House. It is a fine building and seems well adapted for its purpose. The difficulty of securing sufficient light with good protection from the weather seems to have been got over successfully.

A little more light would perhaps be desirable in Monsoon weather and this could easily be secured by putting some glazed tiles in the roofing. I understand the people at Palghat are exceedingly well satisfied with the building.

× × ×

(True extract)

R. Pereira
Head Clerk
P.W. Secretariat

65

J.t.m ✓

1073 L 23-8-89
1405 M 21-10-89
254 L 5-3-89 Encs 2534 & 2563 M
1263 L 27-9-89

1889.

Public Works Department.

Local & Municipal Dept.
CURRENT No. 2534 M

No. 5022 C
Dated 2d November/89
Despatched 2d
Received

UNDER SECRETARY
3 NOV 89
PUBLIC WKS DEPT.

Enc 2.

SUBJECT.

Forwarding correspondence regarding defects of the High School at Palghat.

(For orders)

8/2

3671

No. 545.

Executive Engineer's office,
West Coast Division,
Calicut, 28th October 1889.

From,
Colonel A. T. Fraser, R.E.,
Executive Engineer,
West Coast Division,

To,
The Superintending Engineer,
4th Circle.

Sir,

I have the honor in continuation of the subject of this office No. 510 of the 2nd instant, to draw attention to your office No. 708/W.C. of the 21st December 1885, I have accidentally come across in looking over the Palghat School file of papers, from which it appears that the features of the Central Hall are to be easily accounted for, as it was an express stipulation in the note on the plan of the proposed High School "that a room was needed, capable of being darkened for experiments

connected

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connected with Science lessons," so that the defective lighting of the Central Hall alluded to in my Report No 319, June 12, 1889 and I could not quite understand, was, though unknown to me, now it seems done on purpose with an object.

2. A statement in my letter No 808 of August 25, 1888, to the Municipal Chairman "Ventilation is entirely absent" requires qualification as made before the roof was finished. There is, besides the added clerestory windows, I have noticed, a considerable amount of ventilation between rafters, under the eaves of the original plan.

I have &ca

(Sd) A. T. Fraser, Col: R.E.,

Executive Engineer.

No 482
" E.W.

Copy Submitted to the Chief Engineer, P.W. Department, for information

information in continuation of this office Endorsement No 423 E.W. of 30th September 1889.

Colonel, R.E.,

Supg. Engineer, 4 Circle.

Ooty
1 Nov/89

SN.

From

P.W.C. No ~~10472~~
10644

The Supg. Engr.
4th Circle

Dated 1st }
Desp'd 2nd } Novr/89

1/2563m.

No 482/E.W.

Palghat High School

Forwarding copy of letter from the Executive Engineer, West Coast Dn Submitting further report on the —

3621

2563 M

P. W. D.

From,
Colonel A. J. Fraser, R.E.,
Executive Engineer,
West Coast Division,

To,
The Supg. Engineer,
4th Circle.

Dated 30th October 1889.

No 549.

Has the honor to mention with reference to Supg. Engineer's No 524/W.C. of 15th October 1889 and Govt order No 2839 W of 11th October 1889, that it would appear the Municipality are satisfied with the lighting of the two wings of the new Palghat School and did not intend putting any tile skylights in the roof.

2. Under the circumstances would be inclined to place a glazed tile only in the outside eaves

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eaves over each of the clerestory windows, to let direct light, now excluded, strike in.

3. The discovery of your office letter No. 708 W.C. of 21st December 1885, requiring a room capable of being made dark for Science lectures, makes it undesirable to put sky-lights in the central Hall, which would do away with this special feature in its construction.

(Sd) A. J. Fraser, Col. R.E.,
Executive Engineer.

No. 488/E.W.

Copy forwarded to the Chief Engineer, P.W. Department, for information with reference to G.O. No. 2839 W., d/ 11th October 1889 and in continuation of this office Endorsement No. 487/E.W. of 1st instant.

Ooty—
2/11/89.
Colonel R.E.,
Supg. Engineer, 4th Circle

Conn No 2534 + 2563 W.

S to W

18 89.

Public Works Department.

2563 W

No. 5168 C.

Dated 7th November 1889

Despatched 8 —— ——

Received

9 NOV 89

SUBJECT.

Forwarding report from the Executive Engineer West Coast Division on the sky lights to be placed to the Palghat High School –

A copy of the order will have to be sent to Chief Engr Periyar for Mr Taylor's informn

3671

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23.12.89

2871

READ the following:—

From Col. A. J. Fraser R.E. Ex. Engr. West Coast Dn. No. 483 d/ 24th Septr 1889
Endorsement by the Supdg. Engr. IV Circle — No. 423 E.W. d/ 30th Septr 1889
From Mr. H.S. Taylor, Ex. Engr. No. I Periyar Dn. No. 1732 d/ 22nd Octr 1889
Endorsement by the Chief Eng. Periyar Project No. 1892 P.P. d/ 25th Octr 1889
Endorsement in the P.W. Deptt :- No. 5022 C d/ 2nd Novr 1889
From Col. A. J. Fraser R.E., Ex. Engr. West Coast Dn. No. 545 d/ 28th Octr 1889
Endorsement by the Supdg. Engr. IV Circle No. 482 E.W. d/ 1st Novr 1889
From Col. A. J. Fraser R.E., Ex. Engr. West Coast Dn. No. 549 d/ 30th Octr 1889
Endorsement by the Supdg. Engr. IV Circle No. 488 E.W. d/ 2nd Novr 1889
Endorsement in the P.W. department No. 5768 C d/ 7th Novr 1889
Office note by the Chief Secretary (Cho. 11644) d/ 5th Decr 1889.

FOR ORDERS.

With reference to the Chief Secretary's Office note of 5th December 1889, it is submitted that these papers were forwarded to the Local and Municipal Deptt. because it was thought that they exonerated Mr. H.S. Taylor from the charge of "culpable carelessness," and showed that if the Palghat School House had been built under the supervision of the P. W. Department, the errors of omission in the plan as regards ventilation would have been corrected during construction.

2. The want of light in the Central Hall is now accounted

The explanations seem to me rather lame but it is shown that Mr. Taylor had very little to do with the design & that the superior officers, the Supdg. & Chief Engineers are even more responsible, though their error cannot cover his. A building which is designed so as to be neither lighted nor ventilated is ~~[illegible]~~ badly designed. This was to them to [illegible] over the fault.

W.S.

This cannot be accepted — a room which can be darkened is not the same as a dark room.

W.S.

accounted for in the Executive Engineer's letters of 28th and 30th October. The letter of the Supdg. Engineer No. 708 W.C. of 12th December 1885 quoted in Col: Fraser's letter No. 545 of 28th Octr 1889 shows that the design of the building was in accordance with orders received by the Ex. Engineer, and it is submitted that the latter officer is not to blame because the Municipal Council subsequently found that their proviso had been strictly carried out.

3. The charge of "culpable carelessness" was made in the Local & Municipal Department and G.O. in that Department No. 1073 d/23rd August 1889 directed that Mr. Taylor should be called upon for a full explanation. It was not understood that the explanation should be disposed of in the P.W. Deptt., and it was therefore sent on to the Local & Municipal Department. As the papers have now been re-transferred to the P.W. Deptt., they are submitted to the Hon: Member for orders whether the censure against

This a question for P.W.D.

3671

against Mr Taylor may not be withdrawn or considerably modified.

4. As remarked by Col: Fraser, the additions and improvements found necessary after completion of the building" were of the "nature of those ordinarily "done in the case of ones of "work during construction "trifling in amount and "without material change "of plan and estimate."

5. If the Hon: Member is satisfied on these points, the Supdg. Engineer will be told to insert the sky lights already sanctioned, and to have them provided with curtains which can be drawn across, or to one side, as may be required.

I do not agree

Let this be done

19 Dec

MCM
17.12.89

17.12.89

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FOR ORDERS.

Palghat High School

Read the papers [illegible] within

B
From order

No. 3671 W dated 3rd December 1889

The explanations submitted are not altogether satisfactory, but it is shown that Mr. H. S. Taylor had very little to do with the design, and that the superior officers, the Supdg. and Chief Engineers were more responsible though they oversight [illegible] covering [illegible]

2. The Supdg. Engineer will have the skylights already sanctioned inserted and provided with curtains which can be drawn across or to one side as may be required.

21.12.89

Recd 21.12.89

Hon. 18-12-89 R. 20-12-89

S.E. IV Concur

PWA 11644

CHIEF SECRETARIAT,
Fort St. George 3rd December/89
~~Ootacamund~~,

3671

OFFICE NOTE.

From
THE CHIEF SECRETARY,
L and M. Department
To
The Joint Secretary
Public Works Department

The undersigned has the honor to express his inability to understand why the accompanying papers have been transferred to the Local and Municipal Department. The papers upon which G.O. 23-8-89 / 1073 M was passed fully justified the inference that the plans had been prepared with "culpable carelessness". It is for the Public Works Department to consider whether the explanation now offered by Mr. Taylor is to be accepted as exonerating him from blame—vide the concluding sentence of the G.O. The undersigned has only to observe that the fact of a defective plan submitted by an Executive Engineer having been passed by his superior officers, though it makes them also responsible, does not render him blameless. The Public Works Department having taken up the execution of the additional work required for the building (vide G.O., $\frac{11-10-89}{2839^{W}}$; it is for that Department also to determine whether anything more is now required

Frederick Price
Chief Secretary

No. 3671 Wa/31st December, 188

Hm. 18-12-89 R. 20.12.89

No. 2839 W of 11-10-89
" 4577 C " 10-10-89
" 2559 W " 14-9-89
" 687 D " 13-8-89
" 545 D " 20-7-89
" 1760 W " 4-7-89
" 2621 C " 4-6-89
" 463 W " 14-2-87
" 572 W " 25-2-87
" 2968 C " 31-8-86
" 2091 W " 25-8-84
" 15 W " 7-1-84
" 3565 W " 13-12-83

1889.

P. W. DEPARTMENT.

Current No. 11644

From The Chief Secretary
Local & Municipal Dept.

Enclos

No.

Dated 3rd. December 1889.

Received

Subject.

Palghat High School Building.

Returning with remarks certain papers relative to defects in the —.

Disposal.

No. 3671 W Dated 31st Decemb

4126/89 [illegible]
H. [illegible] 10-12-89 R 22-11-89