(1) Number of pages 114

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS. DEPARTMENT

G.O. No. B.P. No.	847 - W	Press. Mis.
Dated	7 . 4 . 1885	~~198~~ .

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7TH APRIL 1885, No. 847 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 25th March 1885, No. 1583, Revenue.

Read—the following proceedings of the Board of Revenue, dated 27th February 1885, No. 679 :—

Read—the following proceedings of the Board of Revenue, dated 5th November 1884, Mis. No. 10358 :—

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, to the Collector of Malabar, dated 10th October 1884, No. 338 M :—

2 Plans.
2 Estimates.
1 Abstract estimate.
1 Report.
1 Specification.

With reference to your letter No. 4013, of 29th August 1884, I have the honor to forward, for transmission to Government for sanction, two plans and two estimates, amounting to Rs. 62,800, for constructing a first-class taluk cutcherry, sub-jail, sub-registrar's office and out-houses at Manantoddy, together with an abstract estimate, report and specification.

Endorsement by V. BRODIE, Esq., Acting Sub-Collector, in charge Collector's office, dated Calicut, 21st October 1884, No. 4742.

True copy submitted (with enclosures) for the early sanction of the Board and Government, with reference to G.O., dated 3rd March 1884, No. 581 W., Public Works Department.

Resolution—dated 5th November 1884, Mis. No. 10358.

Submitted for the sanction of Government.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

Mis. No. 5065, Revenue.

Transferred to the Public Works Department.

(Signed) H. E. STOKES,
Secretary to Government.

FORT ST. GEORGE,
14th November 1884.

Memorandum, No. 2073 C.

Referred back to the Revenue Department for consideration whether Vayitri, or some other place in Wynaad, would not be more suitable for the construction of a taluk cutcherry, having in view the decaying state of Manantoddy, as disclosed in the accompanying copy of a letter from the Director-General of Telegraphs, No. 4195, dated 1st December 1884.

CHEPÂK,
15th December 1884.

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

ENCLOSURE.

From A. J. L. CAPPEL, Esq., Director-General of Telegraphs in India, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 1st December 1884, No. 4195.

In reply to your letter No. 792 E., of the 20th ultimo, I have the honor to inform you that a telegraph line could be constructed from Vayitri to Manantoddy and an office opened at the latter place for a limited guarantee of Rs. 2,600 a year.

2. Before, however, any expense is incurred on this extension, I have the honor to bring to the notice of the Madras Government the following quotation from a letter, No. 824—2369, dated 15th November 1883, from the Postmaster-General, Madras, to the Deputy Director-General of the Post Office of India:—

"The other proposal is an extension from Vayitri to Manantoddy of 30 or 32 miles in length according as the line follows the Teriote or Kalpatte route, of which I purposely postponed discussion until I could visit the locality and consult the leading planters of South and South-East Wynaad, the consensus of whose opinion is that the scheme has not a leg to stand on, owing to the complete decay of the Manantoddy district which leaf-disease and lantanar have combined to ruin. Three planters remain out of seventy in the Manantoddy district, and there are two survivors near Teriote out of a once flourishing settlement; in fact, the wild elephant has resumed possession of the greater part of the tracts in question."

If this statement—as I must presume it does—fairly represents the ruin and desolation that has fallen on the Manantoddy district, there can be no justification in going to a large expense for the purpose of providing it with a telegraph.

Mis. No. 37, Revenue.

Referred to the Board of Revenue for report.

FORT ST. GEORGE,
7th January 1885.

(Signed) H. E. STOKES,
Secretary to Government.

Reference on the above, dated 10th January 1885.

Referred for report to the Collector of Malabar.

(Signed) E. GIBSON,
Secretary.

Read—the following letter from W. LOGAN, Esq., Collector of Malabar, to the Secretary to the Board of Revenue, dated Malapuram, 14th February 1885, No. 577:—

With reference to the Board's proceedings,* dated 10th ultimo, regarding Government register No. 64 of 1885, I have the honor to report that, while it would be a manifest exaggeration to say of the North Wynaad coffee district that "in fact the wild elephant has resumed possession of the greater part of the tracts in question," it, at the same time, cannot be denied that the district has somehow or other lost—perhaps only temporarily—its attractions for European planters, and that where there was once a flourishing colony of European planters, there remain now barely half-a-dozen gentlemen engaged in the industry.

* Original papers herewith returned.

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2. The reason of this is somewhat difficult to state in a concrete form, but the following facts are well known to me:—

(a) In 1866 occurred the first blow the coffee industry received in the commercial crisis and extensive failures among Bombay capitalists. This financial crisis affected South and South-East Wynaad, then rising into importance as coffee centres, much less than North Wynaad.

(b) Following on this, came the borer pest. Funds having failed, the coffee trees received less manure and the borer came in to complete their ruin.

(c) But this pest was less felt than the next disease which ravaged the trees, viz., *Hemileia vastatrix*, a microscopic fungus, whose ravages are best known as the "coffee leaf disease." This disease still continues its ravages. The origin and nature of the disease were fully disclosed in the exhaustive experiments made by the Ceylon Government. No practical remedy has been discovered, and planters (who can afford it) seek merely to keep their trees in good heart, and trust to the energy of the trees to throw out fresh crops of leaves in place of those smitten with the fungus.

(d) But all planters cannot afford to do this, for the high prices which prevailed at the time when the disease first attracted attention, and for some years afterwards, have given way of late years to prices which, though perhaps fairly remunerative if the industry were in a flourishing condition, do not under present circumstances leave much margin of profit to the planters.

3. The large abandonments of land taken up for coffee were brought by me to the Board's notice so long ago as 1877: see Board's proceedings, Nos. 3364, 4495 and 5031, dated 19th July, 20th September and 19th November 1877, respectively. The high prices obtained for their produce kept the industry afloat for some years after this, but of late there can be no doubt there has been a crisis, and the industry is at present everywhere, and not merely in North Wynaad, in a very depressed state. Abandonments of land under crop have been more extensive than they were formerly, and much of the land has reverted to jungle in the shape of lantana scrub.

4. Then, again, in former years the fashion among planters was to open land on the edge of the ghâts in heavy forest. These are being gradually abandoned, and the land most in request now is land lying well back from the edge of the ghâts. Nobody would, a few years ago, look at land lying about Sultan's Battery, but that is now where land is being most diligently opened up.

5. Coffee cultivation as pursued hitherto is not a permanent cultivation. The life of an estate depends much on many points into which it is needless for me to enter here, and if the industry is to be kept alive, it would seem that a large reserve of fresh land is required for the purpose of being opened up as the old lands pass out of cultivation. North Wynaad has probably a larger reserve of such fresh land than either South or South-East Wynaad, and I should not be surprised to see European planters again taking up land there. It is very much, it seems to me, a question of fashion. As soon as some one sets the example, others follow. It is possible also that it may hereafter turn out to be a remunerative speculation to re-open lands which have already been abandoned.

6. The crisis through which their industry is now passing has, however, taught the planters many valuable lessons, and the indiscriminate way in which land wholly unsuited for coffee cultivation was opened up is not likely to be much practised in future.

7. As matter of fact, in regard to European planting enterprise, North Wynaad is at present in a very backward state. How long it will remain so, it would be unwise to prophesy.

8. But I may in conclusion bring to notice that it does not follow that, though nearly deserted by European planters, it is in a backward state as regards native cultivation. I am unable to give figures, because the census of 1881 has not supplied figures for villages as in 1871, and no comparison can be made; but I fully believe the native population is increasing in these parts.

9. And I am clearly of opinion it would be a mistake to alter the taluk headquarters merely because North Wynaad is not in fashion at present as a planting district with Europeans. Manantoddy is still by far the most considerable place in the taluk, and it would be a mistake to move the tahsildar to Vayitri.

Resolution—dated 27th February 1885, No. 679.

Submitted to Government, with reference to G.O., Mis. No. 37, dated 7th January 1885, Revenue Department.

2. The Board agree with the Collector in the opinion that sufficient ground is not shown for the abandonment of Manantoddy as a site for the new taluk cutcherry.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

Order—dated 25th March 1885, No. 1583, Revenue.

Transferred to the Public Works Department, with reference to that department endorsements dated 15th and 19th December 1884, Nos. 2073 and 2105 C., with an expression of concurrence in the opinion given by the Collector and the Board of Revenue on the subject of Manantoddy being retained as the taluk headquarters. It does not appear, however, that this taluk, in its present declining state, requires a cutcherry costing as much as Rs. 62,800, and it is requested that an estimate to put the present building in repair, with such improvements as will suffice to meet actual requirements, may be called for.

2. The Board do not refer to the proposal to construct a telegraph line from Vayitri to Manantoddy; but in the opinion of Government in the Revenue Department, such importance as the latter locality still retains is not sufficient to justify the measure.

(True Extract.)

(Signed) M. HAMMICK,
for Secretary to Government.

Order—dated 7th April 1885, No. 847 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, who will submit an estimate for improving the existing taluk cutcherry at Manantoddy in the manner ordered in the Revenue Department.

2. In the circumstances disclosed in the foregoing correspondence, and with advertence to paragraph 4 of G.O. No. 1453 W., dated 10th June 1882, the Government resolve to abandon the proposal to extend the telegraph line from Vayitri to Manantoddy.

(True Extract.)

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

To the Superintending Engineer, IV Circle.
" Revenue Department.
" Public "
" Director-General of Telegraphs.
" Superintendent of Telegraphs, West Coast division.

Exd. E. Fernandez.

Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated April, 7th.

Recd. *Encl.*

G.O., 7th April 1885, No. 847 W.

APRIL.

Taluk Cutcherry at Manantoddy

Orders calling for estimate for repairs and improvements to the existing — and abandoning the proposal to extend the telegraph line from Vayitri to Manantoddy.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

27th March 1882, No. 803 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 205. Endorsement of the Acting Assistant Secretary to Government, Judicial Department, dated 11th March 1882, No. 781.

From Colonel H. D. CLOETE, Officiating Inspector-General of Police, to the Chief Secretary to Government, dated Madras, 8th March 1882, No. 1211.

I HAVE the honor to forward copies of correspondence between the District Magistrate and the Superintendent of Police, North Arcot, regarding the supply of arms-racks for the use of Police guards at certain Treasuries and Subsidiary Jails in that district, and to request instructions whether these fixtures should be furnished by the Magistrate or by this Department.

2. It is usual for the Public Works Department to provide for arms-racks in their estimates for new Cutcherries, but these appear to have been omitted in the case of Cutcherries at Tirupati and Puttúr.

REFERRED to the Public Works Department for remarks with reference to the omission pointed out in paragraph 2.

(By Order.)
(Signed) G. S. FORBES,
Ag. Assistant Secretary.

No. 634 C.

REFERRED to the Superintending Engineer, Fourth Circle, for explanation.

(Signed) ROSS THOMPSON, Lieut.-Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

14th March 1882.

No. 205-A. From Major H. R. MEAD, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 20th March 1882, No. 110.

WITH reference to your No. 634 C, of 14th March 1882, calling for explanation regarding the non-supply by this Department of arm-racks to the Tirupati and Puttúr Cutcherries in North Arcot, I have the honor to return the papers and to remark that the Inspector-General of Police is wrong in supposing it is usual for the Public Works Department to provide arm-racks for the Police in new Cutcherries, and a reference to the standard plans, estimates, and specification will show that arm-racks for the Police are not provided or allowed for.

One endorsement from Chief Engineer, Public Works Department, No. 634 C, dated 14th March 1882, with two enclosures.

2. As far as I am aware the only buildings in which arm-racks for the Police are provided are Police stations, and in those the arm-racks are fixtures.

3. I would suggest that the Police Department should furnish their own arm-racks.

No. 206. ORDER THEREON, 27th March 1882, No. 803 W.

THE Superintending Engineer, Fourth Circle, will take steps to provide the Cutcherries at Tirupati and Puttúr with arm-racks for Police guards.

2. Future estimates for first, second, or third class Cutcherries should always make provision for such fixtures, and Superintending Engineers will make the necessary notes in the standard designs and estimates.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle.
To all other Superintending Engineers.
To the Consulting Architect to Government.
" Judicial Department, with two enclosures.

Exd. T. D. Ryan.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
&c., &c., &c.

Dated March, 27th.

Issued

Recd. *Encl.*

G.O., 27th March 1882, *No.* 803 *W.*

MARCH.

Nos. 205-206.

Arm-racks for Police Guards.—The Superintending Engineer, Fourth Circle, to take steps to provide the Cutcherries at Tirupati and Puttúr with —; provision to be made for such fixtures in future estimates for Cutcherries.

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10TH JUNE 1882, No. 1453 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 68.

READ—the following letter from Colonel R. MURRAY, Director-General of Telegraphs in India, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 28th April 1882, No. 309 C.G.:—

I have the honor to acknowledge the receipt of the Madras Government Order, No. 568 W., of the 6th March 1882, in which I am asked to favor His Excellency the Governor with my views on the following proposals for the extension of telegraphs, principally in the Wynaad.

2. The proposals are—

I. By the Nílgiri Planting and Mining Association—
An extension to Vayitri *viâ* Pandalur and Cherambádi of the Devála telegraph line.

II. By the Wynaad Planting and Mining Association—
A provision of a line of telegraph.

III. By the North Wynaad Address—
An extension of the line of telegraph from Vayitri to Teriote and Manantoddy, instead of from Vayitri to Calicut.

IV. By the North Wynaad Native Address—
The opening up of telegraphic communication.

3. Proposals II and IV are too vague for me to express any opinion on them beyond that they probably refer to the general subject of schemes I and III.

4. With reference to proposals I and III, I must premise that last year the Wynaad Planters' Association addressed the Collector of Malabar inquiring what guarantee would be required by the Government "to ensure the extension of telegraphic communication between Calicut and Ootacamund *viâ* Vayitri, Meppádi, and Devála." I was obliged to reply that, in the first place, I could quote no terms until a survey of the line had been made, and, in the second, that on account of other works I could not undertake any extension beyond Devála last working season (1881-82).

5. The line from Devála through Cherambádi, Meppádi, Vayitri, and the Támrachéri Ghât to Calicut has now been surveyed and found practicable, although 59 miles of forest cutting will prove troublesome and costly.

6. The recommendation of the North Wynaad Address for a line to be made from Vayitri to Manantoddy, instead of from Vayitri to Calicut, it is evident, is in favor of Manantoddy alone, and would not be of such general advantage as a through line from Ootacamund to Calicut.

7. Considered as purely telegraph projects, and irrespective of how far the proposals under review are likely to be affected by the Malabar-Mysore Railway scheme, I recommend the extension of the Devála line along the before-mentioned route to Calicut, and if the Madras Government is prepared to grant the same terms of limited guarantee for the extension beyond Devála as it has given for the extension up to Devála (*vide* Order No. 2219 W. of the 7th September 1881), with the addition of Rs. 5 a mile a year for 59 miles of annual jungle clearing, I will apply to the Government of India for sanction to the work, and will, if possible, have the line constructed next working season (*i.e.*, between October 1882 and February 1883).

8. On terms similar to those of the Deväla guarantee, *plus* the extra charge of Rs. 5 a mile for 59 miles for annual jungle clearing, I estimate that the annual guarantee for the extension from Deväla to Calicut with an office at Vayitri would be Rs. 5,200 a year, exclusive of free office accommodation.

9. The question of the local extension from Vayitri to Manantoddy should, I consider, be deferred until that of the through line from Ootacamund to Calicut has been decided.

No. 68-A.

Read—the following letter from C. L. B. CUMMING, Esq., Acting Collector of Malabar, to the Secretary to Government, Public Works Department, Ootacamund, dated Calicut, 2nd June 1882, No. 1561 :—

In reply to your memorandum, dated 11th ultimo, No. 91 E., I have the honor to inform you that the only building available at Vayitri for a Telegraph Office is one belonging to Messrs. Hinde and Co. Mr. Ferguson, a partner of the firm, is willing to rent it out or to sell it outright to Government. I enclose a copy of his letter, dated 31st May, to me on the subject.

Enclosure.

From T. J. FERGUSON, Esq., Senior Partner of Messrs. Hinde and Co., to the Acting Collector of Malabar, dated Calicut, 31st May 1882.

I have not seen our bungalow at Vayitri for nearly four years; so cannot say exactly what condition it is in. I would either sell outright or let for Rs. 25 per month, Government executing all repairs.

As regards the price for which I would sell, that to a certain extent would depend a good deal on the ground required with the bungalow.

No. 69.

Order—dated 10th June 1882, No. 1453 W., Public Works.

The Right Honorable the Governor in Council approves of the recommendation of the Director-General of Telegraphs for the extension of the Deväla line of telegraph *viâ* Cherambädi, Meppädi, Vayitri, and the Támracheri Ghât to Calicut under the limited guarantee system as described in G.O., No. 2219 W., dated 7th September 1881, with the addition of Rs. 5 a mile a year for 59 miles for jungle clearing.

2. Free office accommodation will also be provided. The Superintending Engineer, Fourth Circle, will arrange for the purchase of Messrs. Hinde and Co.'s building at Vayitri at a proper valuation.

3. It is hoped that the line will be completed during next working season, *i.e.*, before February 1883.

4. The question of the extension from Vayitri to Manantoddy will be deferred for the present.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Director-General of Telegraphs.
" Superintending Engineer, Fourth Circle.
" Examiner of Public Works Accounts.
" Superintendent of Telegraphs, West Coast Division.
" Public Department.

Exd. A. F. Goodall.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated June, 10th.

Recd. *Encl.*

G.O., 10th June 1882, No. 1453 W.

JUNE.
Nos. 68-69.

Telegraph.

Extension of the Devála line of — to Calicut, approved, and instructions issued for its completion before February 1883.

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8 47/8

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

G.O., dated 26th February 1884, No. 891, Revenue.

Read—the following proceedings of the Board of Revenue, dated 8th February 1884, No. 440.

Read—the following letter from C. A. GALTON, Esq., Acting Collector of Malabar, to the Secretary to the Board of Revenue, dated Calicut, 26th December 1883, No. 5276:—

On my recent tour through the Wynaad, I was struck with the very unsuitable character of the buildings now used as a taluk cutcherry at Manantoddy. I think the accommodation is the worst I have ever seen, and the arrangements are as bad as could well be devised. There are two separate buildings, both rented, in one of which the police station, sub-jail, and treasury-room are located; the roof is low and the space is very confined; the treasury-room is a small dungeon absolutely without light, there being no windows to admit it; consequently, lamps have to be used whenever business is transacted there, even in broad day-light. There are two wooden doors, one of which is permanently nailed up; there are no bars, so the police cannot see what is going on inside. In the other building, which has an upper story, the tahsildar, sheristadar and clerks sit; the space here also is very confined, and it is very inconvenient having the treasury-room under a separate roof. Both buildings are in a very bad state of repair, and, in fact, appeared to me to be unsafe. I have asked the Executive Engineer, Nílgiri division, to report on the point. I was told that the clerks are afraid to remain in the main building when there is a thunderstorm, because it shakes so much, and one of the walls of the sub-jail is cracked so seriously that, unless a buttress is built to support it, I think, it is likely to fall before long.

2. I spoke to the owner of the buildings, who happened to be at Manantoddy, and he promised to do what is necessary; but he is not likely to spend much money, and the buildings are absolutely incapable of being rendered suitable for a cutcherry. So much impressed was I with the necessity for obtaining some other premises as speedily as possible, that I went to look at the only house available, now occupied as a club, but it would cost a good deal of money to adapt it to the purposes of a cutcherry and it would not suit as a permanency.

3. I find that, so long ago as 1875, plan and estimate, amounting to Rs. 24,600, was prepared for a new taluk cutcherry and sub-jail at Manantoddy, *vide* G.O., dated 28th January 1875, No. 198; but the plan was not approved and apparently nothing further was done, at least no subsequent records on the subject can be traced. Possibly, as a reorganization of the establishment was then under discussion (*vide* Mr. Logan's letter to the Chief Secretary, dated 24th November 1875, copy of which was forwarded to the Board on the 5th January 1876), the construction of the cutcherry was deferred, pending a decision of the question of the location of the Wynaad officials; but as a new office has since been constructed for the Deputy Collector at Manantoddy, and there does not appear to be any intention of locating the tahsildar elsewhere, I think the sooner proper accommodation is provided for him the better. There is ample room on the hill on which the Deputy Collector's house and office stands, which is Government property.

4. I understand that a sum of Rs. 5,000 has been sanctioned for the erection of a new police station at Manantoddy, and that it is proposed to commence building shortly; but the police station should be in the taluk cutcherry commanding the sub-jail and treasury-room as in the standard plan; and the allotment for the new station may be saved if the Government will sanction a new cutcherry. I regard the work as really emergent, and trust the Board will be able to support my recommendation and urge Government to call for plans and estimates at once and provide an allotment in the ensuing year's budget, if possible.

Read—the following letter from C. A. GALTON, Esq., Acting Collector of Malabar, to the Secretary to the Board of Revenue, dated Cannanore, 1st February 1884, No. 499:—

In continuation of my letter, dated 26th December 1883, No. 5276, I have the honor to forward, herewith, copy of a letter from the Executive Engineer, Nílgiri division, reporting on the present condition of the taluk cutcherry at Manantoddy. Although the building has not been condemned as actually unsafe, it is most unsuitable for a taluk cutcherry, as already explained, and I am still of opinion that the provision of a new office on the standard plan is a pressing requirement. The improvement to the treasury-room suggested in the Executive Engineer's letter is a mere make-shift arrangement, and I trust it will be found possible to provide funds at once for a new building.

ENCLOSURE.

From the Executive Engineer, Nílgiri Division, to the Collector of Malabar, dated Ootacamund, 28th January 1884, No. 1051.

With reference to your letter, No. 5045, of 11th ultimo, I have the honor to inform you that I inspected the Manantoddy tahsildar's cutcherry on the 19th instant, and that I do not consider the building at present unsafe. It is true that some of the joists and beams have sagged, and that various small cracks are visible here and there, but most probably these defects have existed for years, and the repairs recently carried out by the tahsildar to verandah pillars and to the jail lock-up have removed any immediate source of danger there may have been.

2. No doubt the treasury-room is inconvenient; but, until such time as Government are likely to allot funds for a new building—most probably not for a long time, considering the many estimates now sanctioned for cutcherries all over the country for which funds have not yet been given—it can be rendered thoroughly secure by replacing the existing two wooden doors by iron-barred ones; the door from the police guard-room can be, as at present, permanently secured and will merely serve to give light and air and to allow to the police guard a view across the treasury-room. The probable cost of these two doors, or rather gates, will be about Rs. 100.

Resolution—dated 8th February 1884, No. 440.

Submitted for the orders of Government.

2. An estimate for the construction of a taluk cutcherry at Manantoddy appears to have been sent in so far back as 1875, and Government, in the Judicial Department, called for further information from the Public Works Department, *vide* G.O., dated 28th January 1875, No. 198. No further correspondence is traceable in this office. In view of the very unsatisfactory state of the building, the Board trust that it will be possible to provide funds in the Public Works Department for the early construction of a cutcherry on the standard plan. Meanwhile, the Collector will arrange to carry out the repairs suggested by the Executive Engineer.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

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Order—dated 26th February 1884, No. 891, Revenue.

Orders for the preparation of plans and estimates for a new cutcherry, which will, as usual, include the police station, will issue in the Public Works Department.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

ORDER—dated 3rd March 1884, No. 581 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for early submission of an estimate for the construction of a new taluk cutcherry, on the standard design, at Manantoddy.

2. As a separate police station will not now be required at that place, the sanction accorded in G.O., No. 202 W., dated 18th January 1883, is hereby cancelled. The allotment provided for the work in the preliminary issue of the Provincial budget for 1884-85 will be omitted in the final issue.

3. The provision of funds for the new taluk cutcherry will be considered on receipt of the estimate.

(True Extract.)

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

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.
" Judicial "

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madra
PUBLIC WORKS.

Dated March, 3rd.

Recd. E

G.O., 3rd March 1884, No. 581 W

MARCH.

Taluk Cutcherry

Directing the early submission of an estimate for the construction of a new —, on the standard design, at Manantoddy, and cancelling the sanction accorded for constructing a separate police station.

C.A.W. 847/XI 10

Please look into them – & let me know tomorrow what action is necessary to give effect to H.E.'s wishes –

16.10.84

To W

The extension to Manantoddy was not considered of such advantage as that to Calicut, and the project was deferred – If it is now desired to reopen the question, the first step should apparently be to call on the Director General of Telegraphs for his views, with an estimate of the cost.

R.S.
17.10.84

C.A.W.

Please draft letter as suggested by you.

17.10.84

11

S

D. Gr

T. I think a reference had better be made to the S.E. to know whether in adopting the style of roofing proposed, viz: [illegible] Tiles & corrugated iron supported on purlins at considerable intervals apart, the feasibility of fixing & retaining the Tiles on the slope, & the strength of the corrugated sheets to support the same, have been duly considered.

CJ.
5–12–84

J.H.
5/12/84

11

of the cost

C.S.
17.10.84

C.A.W.

Please draft lett

847/10

W = breaking weight

847/10

l = length of sheet, unsupported, in inches
t = thickness of sheet
b = breadth of sheet
d = depth of corrugation
} in inches

847/10

$$W = \frac{44.6 \times t \times b \times d}{l} \text{ tons} \qquad t = \tfrac{1}{16}''$$
$$= \frac{44.6 \times \frac{1}{16} \times 204 \times 2}{72} \text{ tons} \qquad b = 204''$$
$$\qquad d = 2''$$
$$\qquad l = 72''$$
$$= \frac{44.6 \times 204 \times 2}{16 \times 72} \text{ tons}$$
$$= \frac{22.3 \times 17}{24} \text{ tons}$$
$$= 15.75 \text{ tons, very nearly}$$

— Now take $\frac{1}{6}$ as the factor of safety —

then $\frac{15.75}{6}$ tons = 2.62 tons = 5868.8 lbs. = the weight which, when uniformly distributed, may be safely borne on 100 sq. feet of corrugated iron roofing — the purlins being 6 ft apart.

B.H.

12

847/118

The proposal to build a new taluk cutcherry &c: at Manantoddy is to be referred back to the Rev: Dept for consideration whether Vayitri or some other place would not be more suitable for the purpose, — bearing in view the decaying state of Manantoddy; as disclosed in letter from D.G. of Telegraphs dated 1-12-84, No. 4195, of which copy should be sent.

W
11-12-84

12

Cr° 10165

847/12

In Cr: 13/12

The proposal to extend the Tel: line to Manantoddy must I think be ✗ finally abandoned.

Please draft necessary disposal, which should of course go to Hon: Member & to H.E. the Governor.

M

11-12-84

847/13

GOVERNMENT OF MADRAS.

Public Works Department,
Chepâk,

8-12-1884

My dear Sargeaunt.

Please read enclosed, & with reference to our talk of last evening; say whether the description given of Manantoddy accords with the conclusion you came to.

Yours

T.O. 14

847/14

My dear Arnold Stewart

I think the description of the state of affairs in N. Nyasaland is about correct with the exception perhaps of the Elephant having resumed possession. This prevalence is practical because

8th Decr.

yrs truly
A. Sharpe.

Please return enclosure by bearer.

Please see within

847/15

16.10.84

Dear Colonel Shaw Stewart

With reference to the enclosed G.O. His Excellency desires me to ask whether the question of extending the Telegraph line from Vayitri to Manantoddy could not now be considered.

Byam Martin

in the first half of the Review Minute — which will be corrected in the second half — it was stated that the line had been extended to Womantobly.

847/16

His Excellency would like to know if this question cannot now be considered for determination one way or another.

Will you kindly let me know for his information

Yours sincerely

1667

S.A.W.— 847/56 16

Please see pencil order on C No. 280— The papers requested were sent to the Rev: Deptt. with No. 2078 of 15-12-84 and have not been returned or the Memo: yet replied to— J.P.— 24-2-85—

O.L.S. 8/10

16

1884. 17

P. W. DEPARTMENT.

Current No. 3099.

From

The Judicial Department

No 881 Mis

Dated 5th April 1884.

Received 7 " "

SUBJECT.

Accommodation for the Sub Registrar of Manantoddy in the Taluq Cutcherry to be built at that place.

DISPOSAL.

No. 697 L Dated 9th April 84

Referred to the Supg: Engr. IV Circle for very early report whether the plan and estimate called for in G. O. 581 W of 3d March 1884 will contain provision for a Sub Registrar's Office; also when the estimate may be expected.

By order

17

C Bowen Major R.E.
Under Secy to Govt P.W.D.

84

G. O. A. No 58 W/A / 3rd March / 84

7C

A. 1213 W 13.5.84

18

P. W. D. Form
No. M 309.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 968, 968-A AND 978.

ESTIMATE FORM.—ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK.)

To be employed where there are many parts or sub-divisions of a work.

CIRCLE

DIVISION—

DISTRICT—

WORK—

To accompany the Detailed Estimate No.
of 188 - 8 for *

* Here enter the name and description of work in full.

18

847/18

847/18

ESTIMATE FORM.—Abstract General (for many parts of a Work).

Description of Work.	Rates.		Taluq Cutchery		Ryats Shed		Jail Latrine		Public Latrine		Cook House		Gate						Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
Earthwork.	1000 cft	12 - -	48769	586	1303	16	589	7	835	10	784	9	200	2					52480	630
Concrete	100 "	25 - -	13322	3330	108	27	110	28	147	37	198	50	41	10					13926	3,482
Brick in mortar	Do	45 - -	45181	20323	1252	563	830	374	1054	474	1054	474	114	51					49465	22,259
Semi Circular and flat arch works Brick in mortar	Do	50 - -	1319	659															1319	659
Plastering with 2 coats	100 sft	10 - -	21247	2124	1097	110	1276	128	1888	189	1216	122	70	7					26916	2694
Pointing with mortar	Do	6 - -	10979	665									74	4					11,053	669
Honey Comb tile work and Whitewashing	Sft	- 4 -			140	35	303	76	480	120									923	231
Do brick work and white washing	Do	- 6 -	80	30															80	30
Flooring with Concrete 6" thick and plastered	100 sft	19 - -	7695	1462	566	108													8261	1570
Do 4" Do	do	15 - -					190	29	339	51	192	29							10725	109
Do with 5½" Do Concrete and asphalte ½" thick	do	40 - -	655	262															655	262
Tarring with 2 coats.	do	5 - -					265	13	480	24									3725	37
Carried over.				29145		859		655		905		684		74						32642

Station

Dated 188 .

Note.—(1.) All rates are to be given in Rupees, Annas and Pies.
(2.) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

Executive Engineer.

Reference to Madras P. W. D. Code.

Paras. 968, 968-A and 978.

P. W. D. Form
No. M 209.

ESTIMATE FORM.—Abstract—General (for many parts of a Work.)

To be employed where there are many parts or sub-divisions of a work.

——————— Circle

Division—

District—

WORK—

To accompany the Detailed Estimate No. of 188 -8 for *

---

* Here enter the name and description of work in full.

(2) 847/19 847/19

ESTIMATE FORM.—Abstract General (for many parts of a Work).

Description of Work.	Rates.		Taluq Cutcherry		Ryots shed		Jail Latrine		Public Latrine		Cook House		Gate.						Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
Brought forward	—			70 29,445	.	859	.	655	.	905	.	684	.	74	.	.	.	.		32622
Cutstone work.	cft	3-0-0	32	96	.	.	.	.	.	.	.	.	.	.	.	.	.	.	32	96
Roofing with Corrugated iron and mission tiles over reepers complete, exclusion of rafters &c	100 sft	60-0-0	14,797	8878	1072	643	.	.	.	.	473	284	.	.	.	.	.	.	16342	9805
Roofing with corrugated iron laid over purlins excluding tiles and rafters.	Do	27-0-0	.	.	.	.	504	136	990	267	.	.	.	.	.	.	.	.	1494	403
Terracing with bricks on edge 2¾" brick jelly 3 courses of flat tiles and plastered 2 coats.	Do	77-0-0	857	660	.	.	.	.	.	.	.	.	.	.	.	.	.	.	857	660
Teak wood wrought and put up.	cft	5-0-0	993½	4968	31	155	10	50	28	140	15	75	8	40	.	.	.	.	10,85½	5428
Panelled doors with frames and shutters and iron fittings &c	sft	2-0-0	964	1928	.	.	.	.	.	.	.	.	.	.	.	.	.	.	964	1928
Carried over				45975	.	1657	.	841	.	1312	.	1043	.	114	.	.	.	.	.	50,942

Station
Dated 188 }

Note.—(1.) All rates are to be given in Rupees, Annas and Pies.
(2.) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

Executive Engineer.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 968, 968-A AND 978.

P. W. D. Form
No. M 209.

ESTIMATE FORM.—ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK.)

To be employed where there are many parts
b-divisions of a work.

__________ CIRCLE

DIVISION—

DISTRICT—

WORK—

To accompany the Detailed Estimate No.
of 188 -8 for*

* Here enter the name and description of work in full.

ESTIMATE FORM.—Abstract General (for many parts of a Work).

Description of Work.	Rates.		Taluq Cutcherry		Ryots shed		Jail Latrine		Public Latrine		Cook House		Gate.						Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
B. Ft.				45975		1657		841		1312		1043		114						50942
Glazed shutters to doors and windows	Sft.	1-8-0	1178	1767															1178	1767
Iron grated doors and windows with frames &c. Complete	Do.	2-12-0	309	850															309	850
Panelled windows with Iron bars & frames &c. complete	Do.	2-4-0	442	995															442	995
Painting with 3 coats of carsons Chokolate colors	100 sft	6-0-0	2702	162															2702	162
Wood oiling 3 coats	Do.	3-0-0	10000	300															10000	300
Zinc sheet	sft.	0-8-0	535	267															535	267
Wrought iron finials to turret &c.	each	10-0-0	1	10															1	10
Moulding works	R. ft.	0-4-0	86	22															86	22
Carried Over				50348		1657		841		1312		1043		114						55,315

Station

Dated 188 .

Note.—(1.) All rates are to be given in Rupees, Annas and Pies.

(2.) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

Executive Engineer.

SUPG. ENGINEER'S OFFICE
7/ No. 6062 J.
4-OCT. 84
P. W. D.
FOURTH CIRCLE

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 968, 968-A AND 978.

To be employed where there are many parts sub-divisions of a work.

P. W. D. Form
No. M 209.

ESTIMATE FORM.—ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK.)

Fourth CIRCLE

DIVISION— Nilgiri

DISTRICT— Nilgiri

WORK— Cons: a Taluq Cutcherry and Outhouse at Manantoddy.

To accompany the Detailed Estimate No. 63 of 1884 - 85 for *

7704/85

64/85

Rec 8720/84

* Here enter the name and description of work in full.

1168/85

847/21 847/21

ESTIMATE FORM.—Abstract General (for many parts of a Work).

Description of Work.	Rates.		Taluq Cutcherry		Ryots shed		Jail Latrine		Public Latrine		Cook House		Gate		Levelling the site				Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
Brought forward				50348		1657		841		1312		1043		114						55,315
Teak wood railings &c	Lump sum			500																500
Granite pivots for gate shutters	each	2											2	4					2	4
Iron fittings and painting for the gate	Lump sum													15						15
Wooden ladders to side rooms in upstairs	each	15	2	30															2	30
Urinal tubs	do	6					2	12	4	24									6	36
Wooden covers to Urinal cisterns	do	6					2	12	4	24									6	36
Trusses complete	do	40			3	120													3	120
Do Do	do	25					3	75	4	100									7	175
Do — Do	do	30									1	30							1	30
Do — Do	do	65	1	65															1	65
Do	do	55	6	330															6	330
Do	do	45	8	360															8	360
Levelling site lumpsum																200				200
Petty supervision at 5 per cent.				2539		86		43		70		53		8						2779
Contingencies				2518		87		47		70		54		9						2785
Grand Total.				56690		1950		1030		1600		1180		[illegible]						62,800

Station Ootacamund
Dated 2 October 1884.

Note.—(1.) All rates are to be given in Rupees, Annas and Pies.
(2.) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

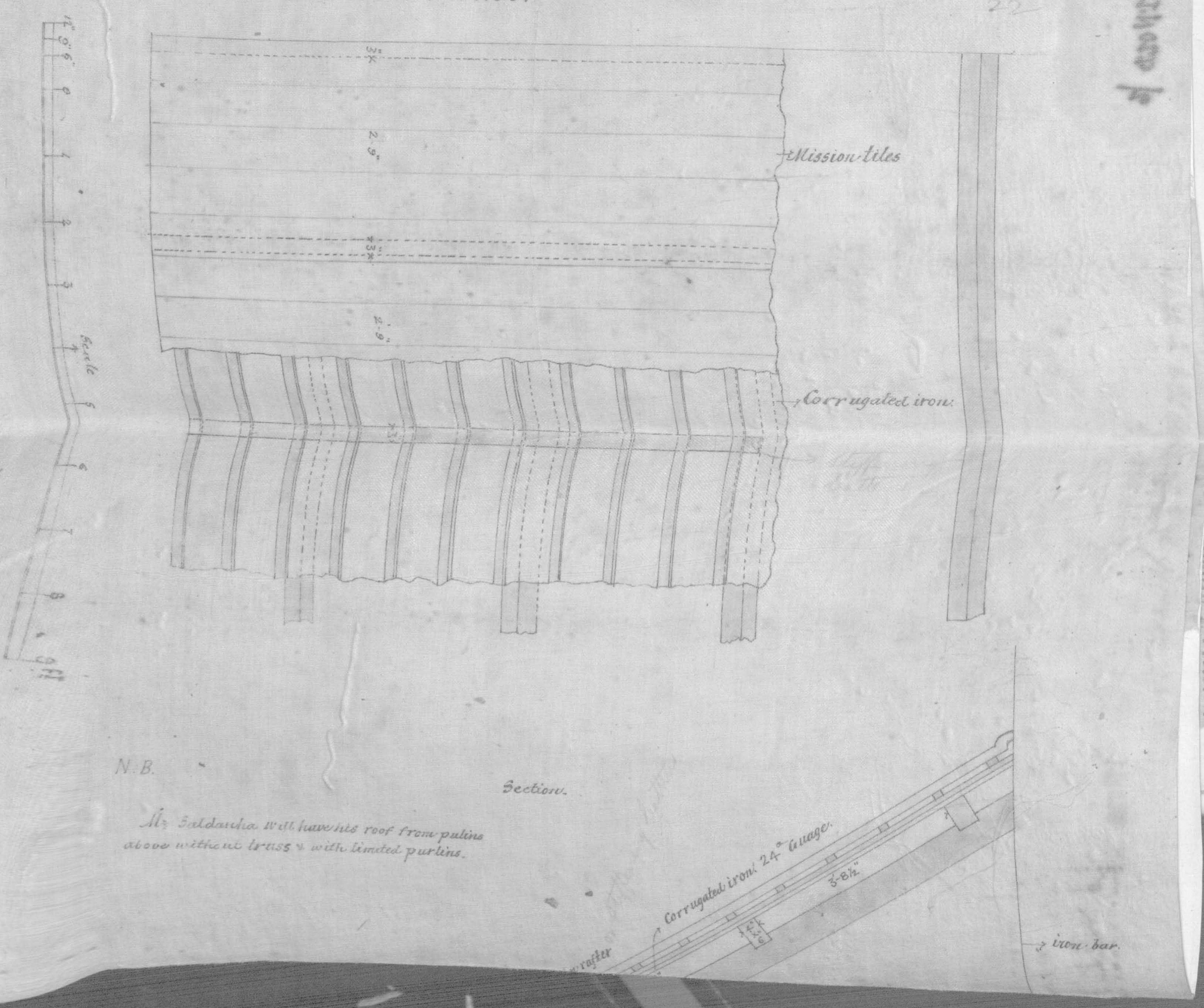
Beatty Col. R.E.
Supdg. Engineer 4th Circle

Major R.E.
Executive Engineer
Nilgiri Dn.

23

847
22

PLAN OF ROOF

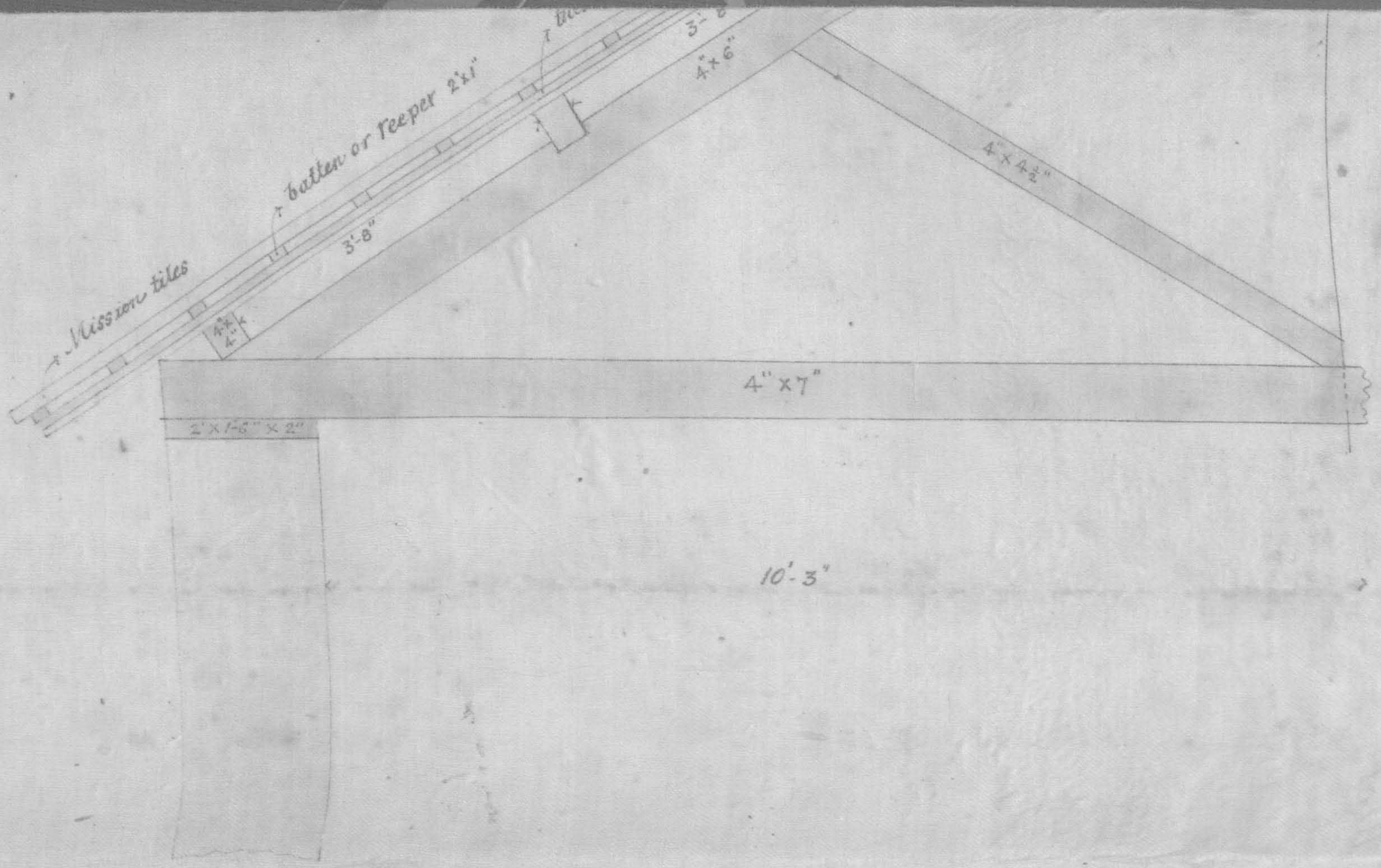


Section.

N.B.

Mr Saldanha will have his roof from pulins above without truss & with limited purlins.

847/22



847/22

A L Smith
Major R.E.
Executive Engr

A.S.

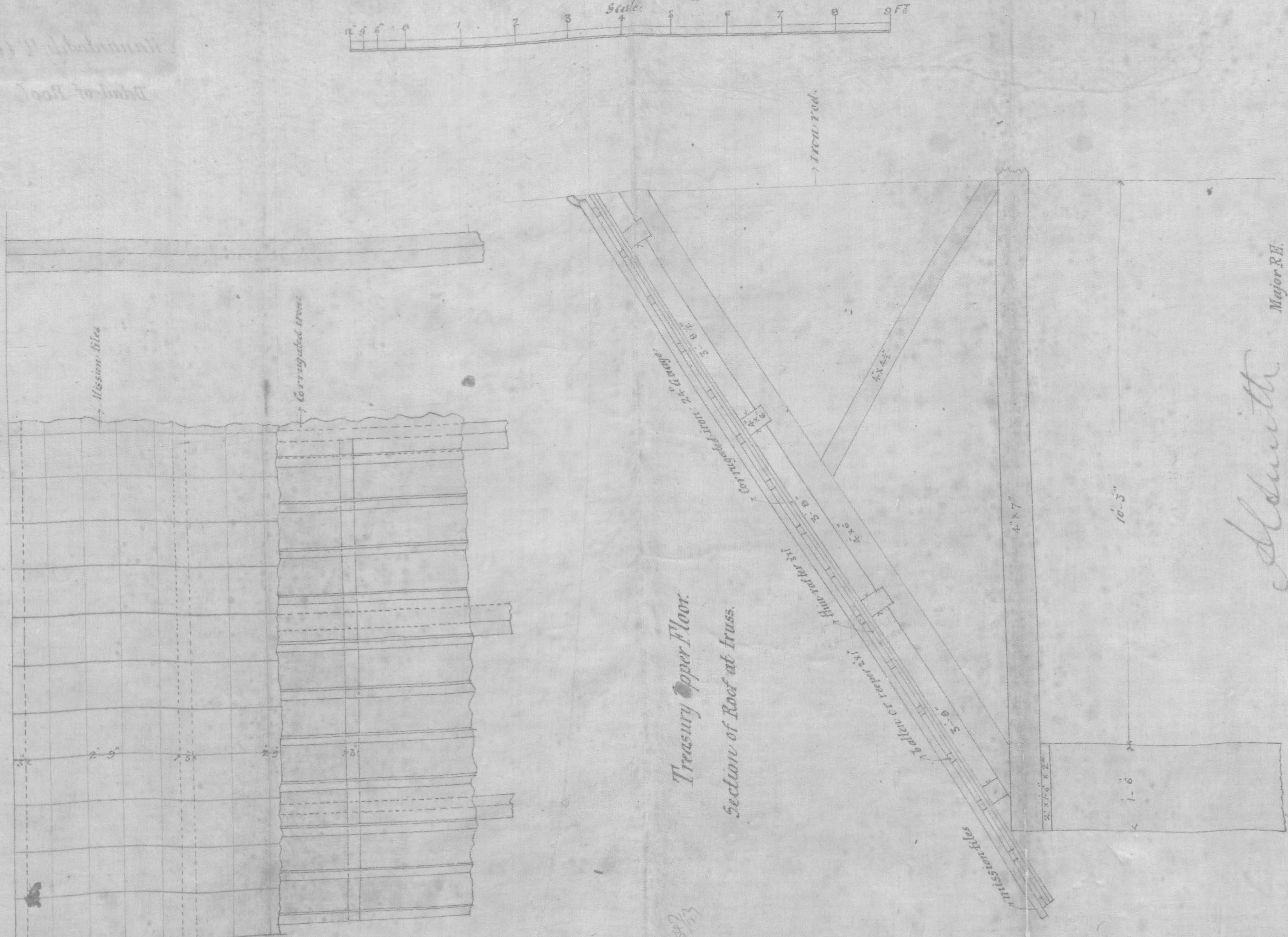
23

23

Manantoddy T. Cutcher

Manantoddy Taluq Cutcherry

847/23

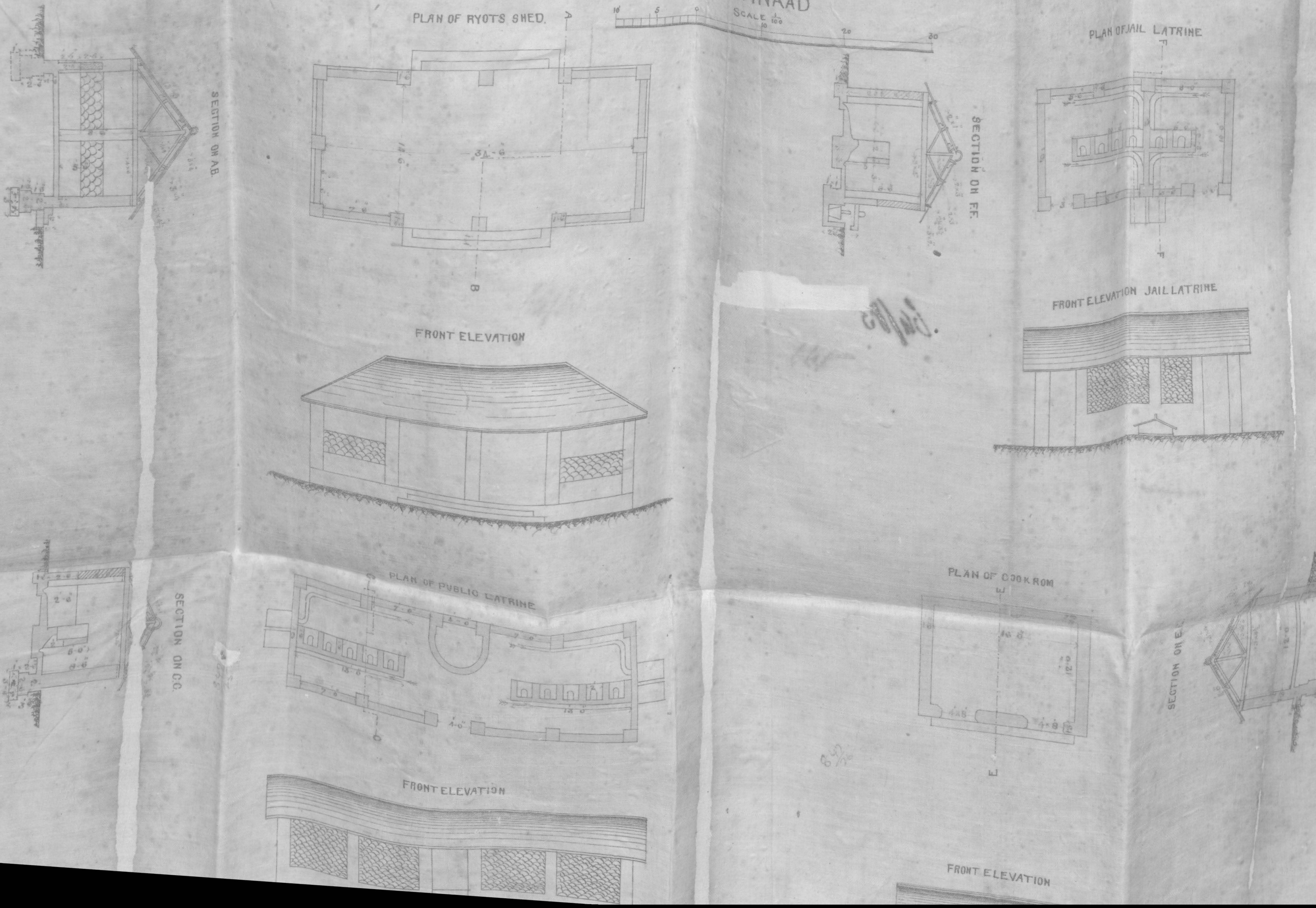


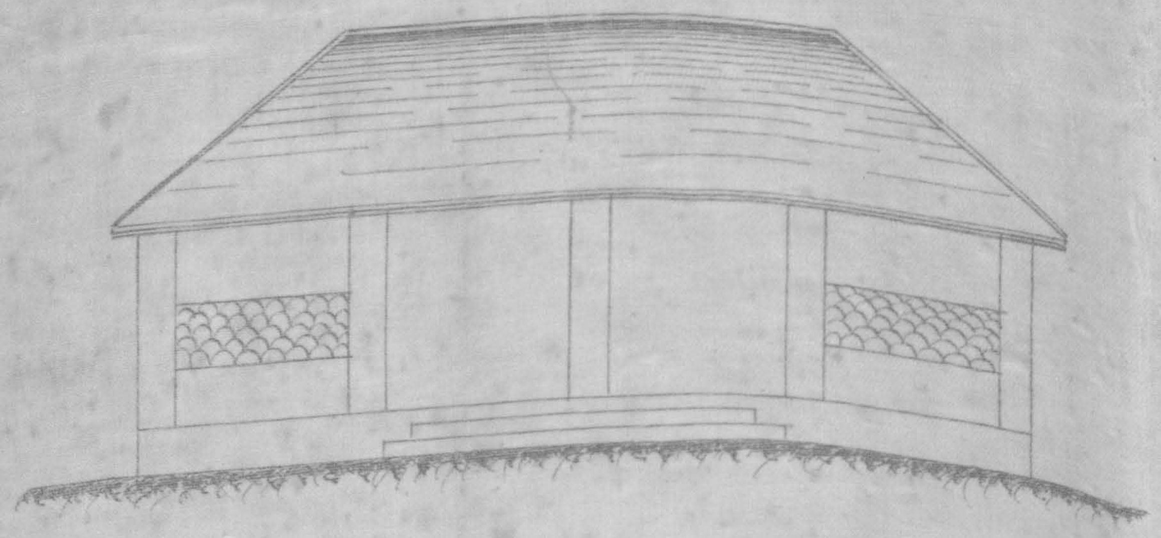
847/23

847/23

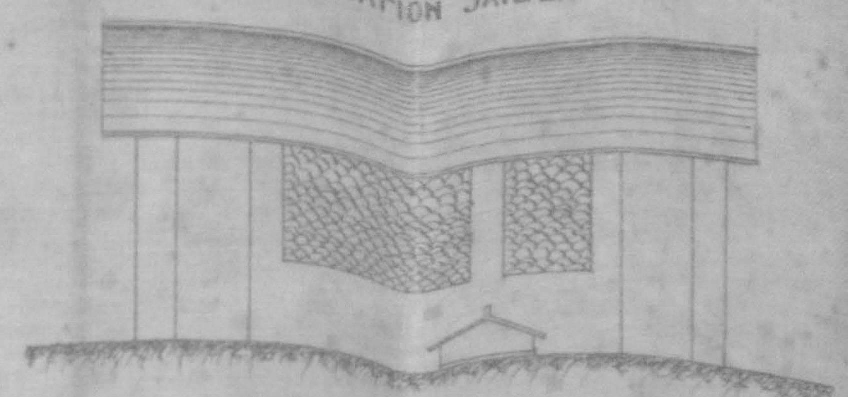
A Smith
Major R.E.
Executive Engineer
Nilgiri Division.

PLAN OF
OUTHOUSES TO THE
TALUQ CUTCHERRY
PROPOSED TO BE BUILT AT
MANANTODDY
N WYNAAD

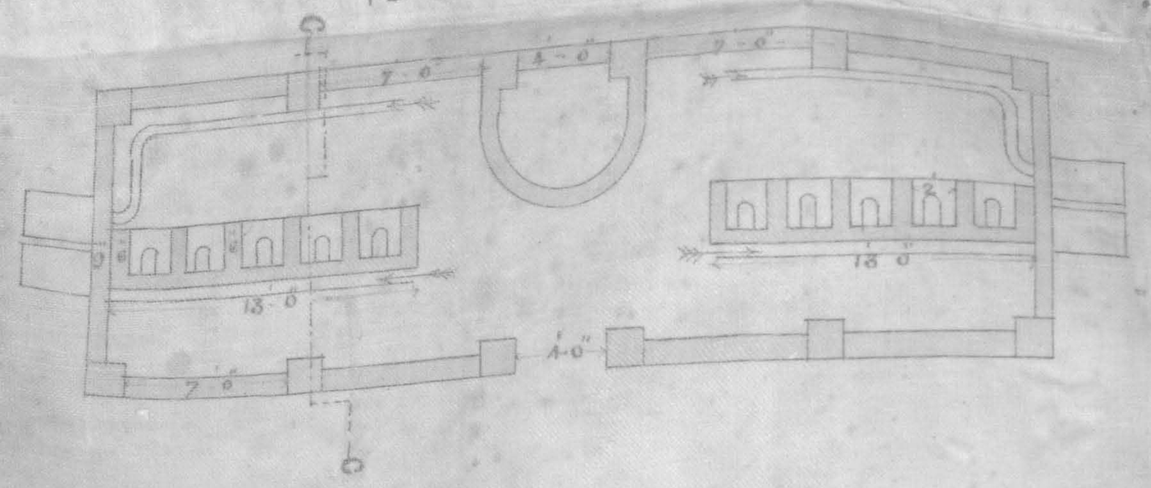




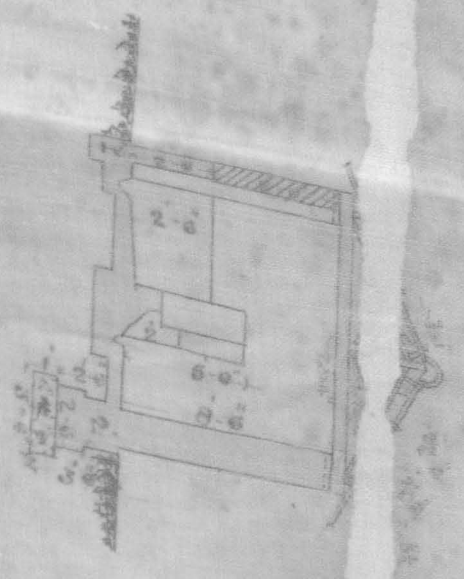
FRONT ELEVATION



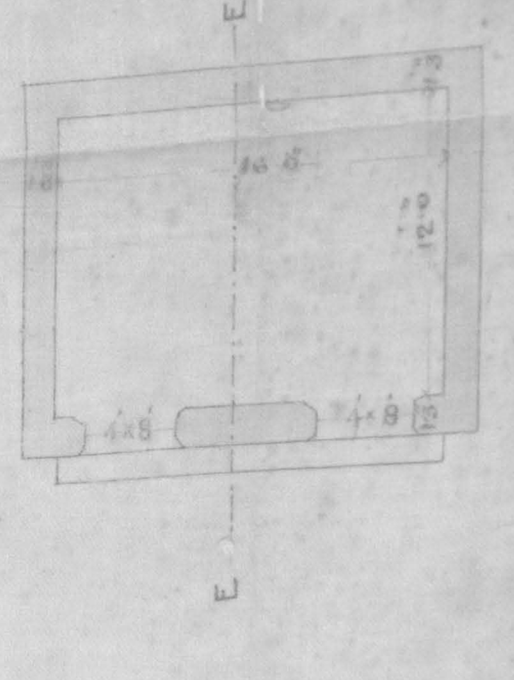
FRONT ELEVATION JAIL LATRINE



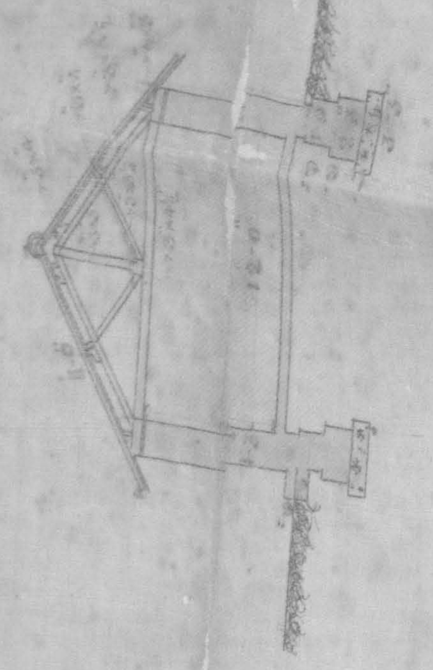
PLAN OF PUBLIC LATRINE



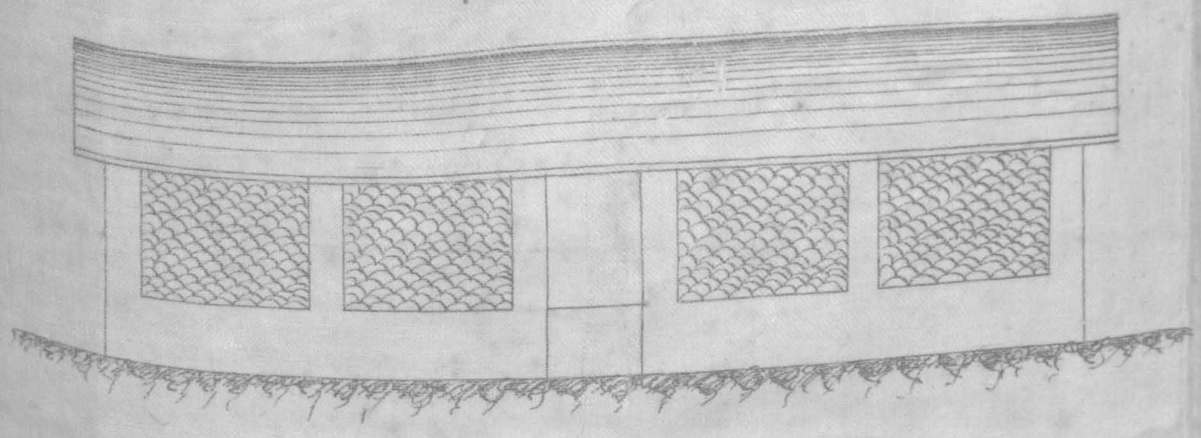
SECTION ON C.C.



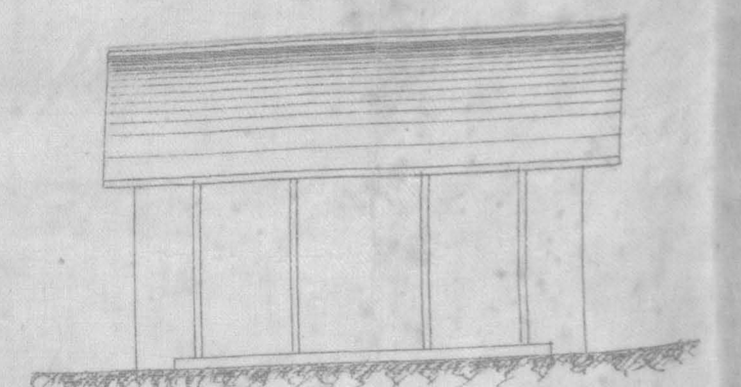
PLAN OF COOK ROM



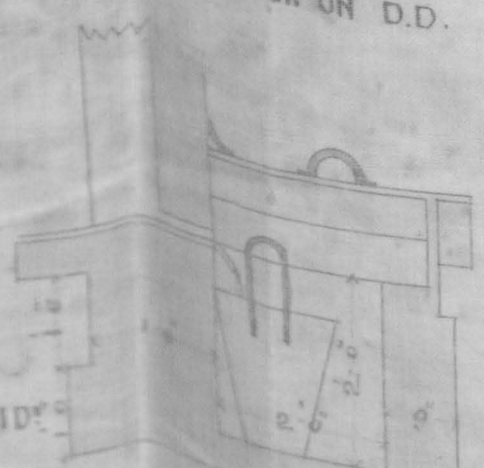
SECTION ON E.E.



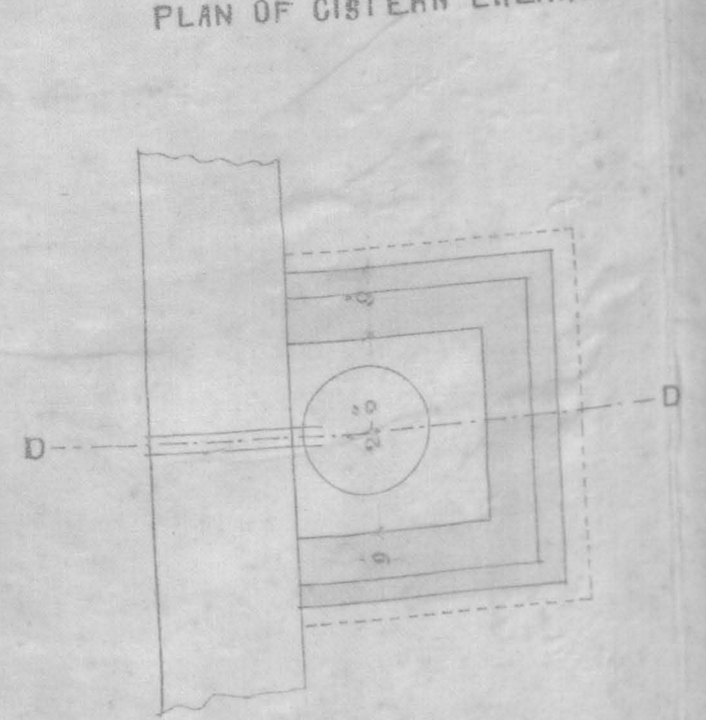
FRONT ELEVATION



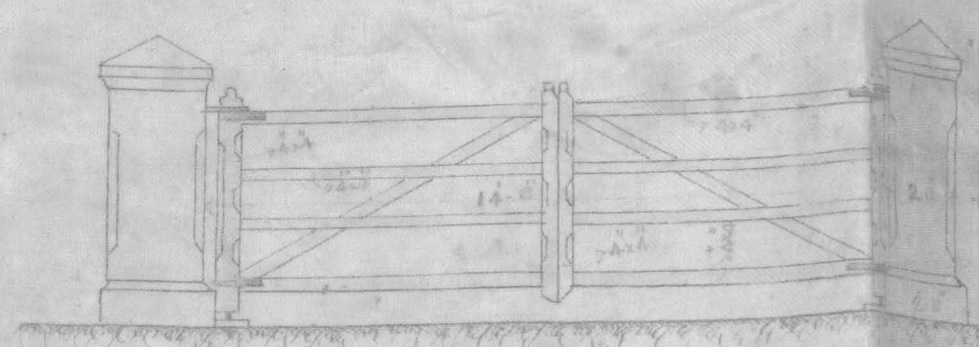
FRONT ELEVATION



ENLARGED PLAN OF CISTERN
CROSS SECTION ON D.D.



PLAN OF CISTERN ENLARGED



ELEVATION OF GATE AND CONPOUND WALL

EXECUTIVE ENGINEERS OFFICE NILGIRIDs
Ootacamund 2nd Oct. 1884

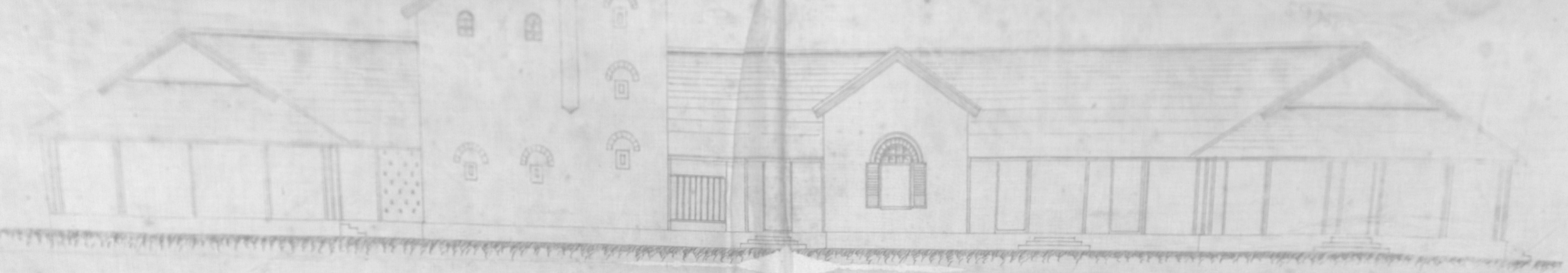
EXEC

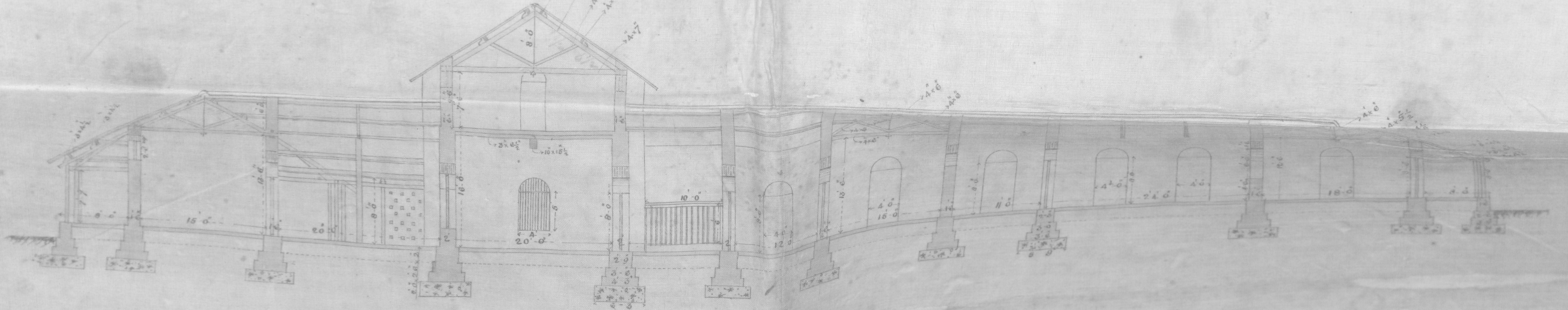
…EER'S
4 - OCT. 84
P.W.D.
FOURTH CIRCLE

[illegible] of 9/1/85.

PLAN OF OUT HOUSES

MANANTODDY TALUQ CUTCHERRY





SECTION ON A.A.

EXECUTIVE ENGINEERS OFFICE NILGIRI DIVISION

[illegible] October 1884.

A L Smith MAJOR R.E.

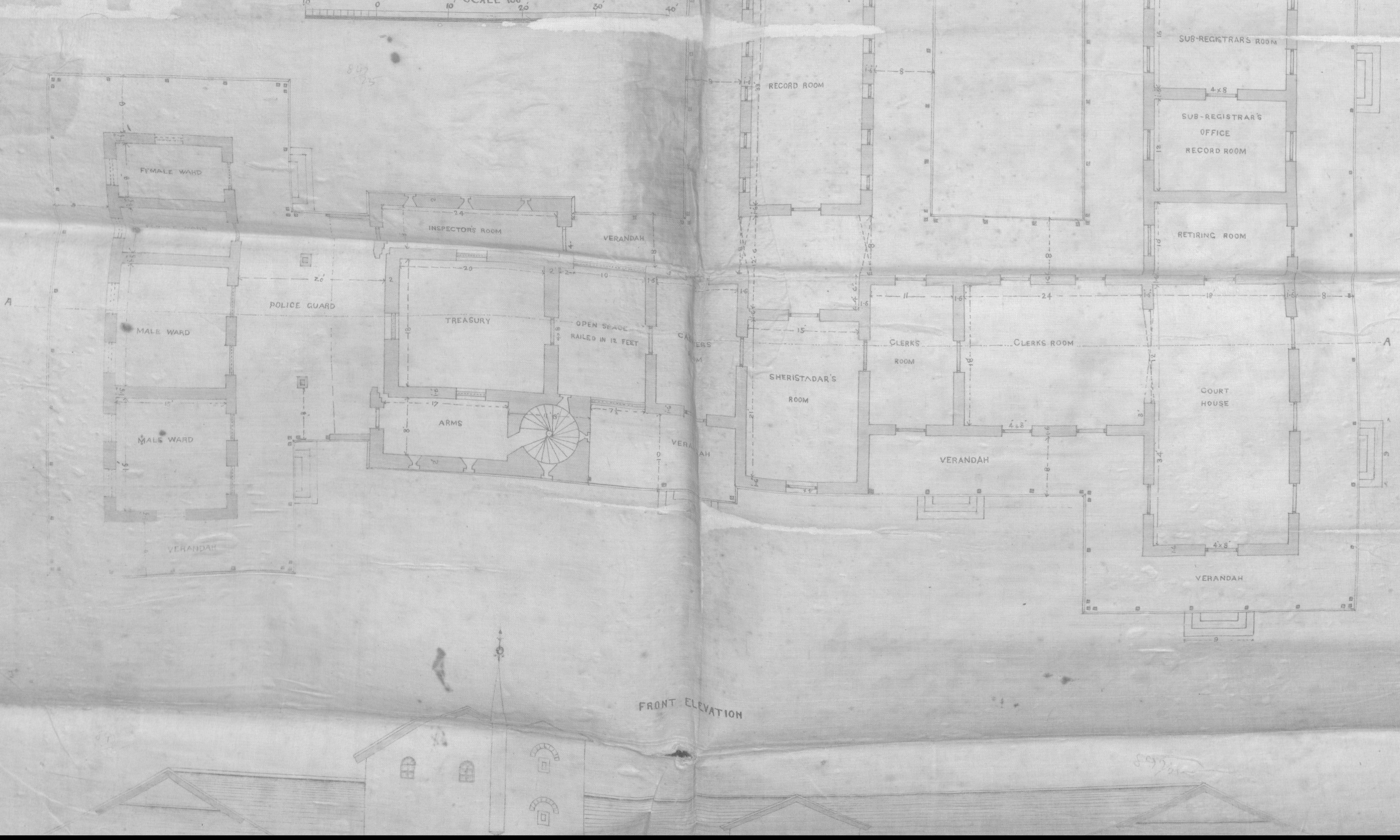
EXECUTIVE ENGINEER NILGIRI DIVISION.

[illegible] Beatty [illegible]

Superintending Engineer 6th Circle

PLAN OF
TALUQ CUTCHERRY
PROPOSED TO BE BUILT AT
MANANTODDY
IN WYNAAD

847/25



4 - OCT. 84
P.W.O.
FOURTH CIRCLE

Public Works Dept

No 3029

[illegible]

847/26

Memorandum

Endorsement of the Revenue Dept No 5065 dated 14th November 1884 on Boards Proceedings No 1035 8 dated 5th November 1884, forwarding plan and estimate for constructing a taluk Cutcherry at Manantoddy

(Papers retained at Madras)

The Superintending Engineer IV Circle is requested to report whether in adopting the style of roofing proposed, viz Mission tiles and corrugated iron, supported on purlins at considerable intervals apart, the feasibility of fixing and retaining the tiles on the slope, and the strength of the corrugated sheets to support the same have been duly considered—

(By order)

(sd) C Bowen

D E W

26 To The Supg Engr IV Circle. Despd 9-12-84

No. 3/E.W.

Supg. Engr's Office IV Circle
Coimbatore 9th January 1885.

From

The Superintending Engineer
Fourth Circle

To

The Chief Engineer
Public Works Department
Madras.

Enclosures
2 Tracings

Sir,

In reply to your Memo No. 2029 C of 9th Ultimo, I have the honor to inform you that the System of roofing proposed by Major Smith for the Talug Cutcherry at Manantoddy was the same as that adopted at the Assembly Rooms Ootacamund, except that in the roof of the Assembly Rooms the purlins are placed at 4 feet intervals.

2. Major Smith describes the proposed new System as follows:-

"Over the purlins" (which should be not more than 4½ feet apart) is laid the Corrugated iron; on the Corrugated iron at at 3 feet intervals from centre to centre are laid thin rafters or stiffening battens each 3 inches by 1 inch, laid flat, and these are bolted down through the iron to the purlins. On the stiffening battens are screwed down reepers 2 inches by 1 inch at about a foot apart, (one reeper for every row of tiles)."

3. That the strength of the timbering is more than ample is shown as follows:–

Taking the $20\frac{1}{2}$ feet truss and purlins 4 inches by 6 inches,

Maximum distance apart of the principal rafters } $12\frac{1}{2}$ feet.

— D° — D° — purlins — 6 feet

Area to be carried $6 \times 12\frac{1}{2}$ = 75 feet

= $\frac{3}{4}$ Square

Weight to be carried per Square,

100 Sq. ft. Mission tiles wet = 952 lbs.

Ridge tiles say — do — = 73

Total weight of tiles = 1025.

Corrugated iron — 155.

Total wt. per Square = 1180 lbs.

weight

Weight to be carried by each purlin

$= 1180 \times \frac{3}{4}$ = 885.

Breaking weight of a purlin with 12 feet space loaded in centre = 84 Cwt.

Safe load distributed one fifth = 16.8 cwt.

= 1880 lbs.

Weight to be carried = 885 lbs.

Margin — 995. lbs.

4. However taking into consideration the want of stiffness of the corrugated iron it will be as well to allow an extra purlin, i.e to have four purlins instead of 3 to the larger trusses."

5. The corrugated iron ordinarily used at Ootacamund is the 24 gauge; this has been tested and with purlins at $4\frac{1}{2}$ feet intervals it bears the tiling without sagging.

6. The verandahs would be treated in the same way as the main roof and Major Smith observes that the "principal verandah rafters will of course be tied down to bressummers and verandah posts

as

as specified in the Standard Specification of a Talug Cutcherry."

7. I calculate that the saving of wood work by providing additional purlins and stiffening battens and omitting the common rafters would, as compared with ordinary roofing, be about 3·6 cubic feet per square.

8. Owing to this new system not being fully understood when the Cutcherry estimate passed through my office, it was not noticed that the full number of purlins and stiffening battens had not been allowed, and I shall be obliged by your returning me the estimate and plans to have this correction made.

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

J. Beatty - Col: R.E.
Superintending Engineer N. Circle.

5

From

The Superintending Engineer
IV Circle

No 381, Cap 15 2 85

Dated 9th
Desp.
Recd
} January 1885.

13 JAN 85

No 3/E.W.

Enclosures 2.

P.W. Cko 1667

Talug Cutcherry at
Manantoddy.

Requests the return of the Plan & Estimate for constructing the roof of — for certain corrections to be made in the number of purlins &c, &c the new system of roofing not being fully understood when the estimate passed through this office.

Ch. Eng W

Cannot the plans & Estimate be returned to S.E. for correction, without having to refer them to the [illegible] Term would be saved —

14.1

Del

The plans & estimates were sent to the Rev. Cap with No 2073C of 15.12.84, & have not yet been returned.

14.1.85

[illegible] receipt [illegible] to [illegible] by 2073 C of 15.12 [illegible]
(38)

Del

No 79/E.W. 84/30

Superintending Engrs Office 4th Cir
Coimbatore 20th February 1885

From.

The Superintending Engineer
IVth Circle

To,

The Chief Engineer
Public Works Department

Sir,

With reference to my letter No 3/E.W. dated 9th Ultimo, I have the honor to request you will be so good as to return me the Plans and Estimates for constructing a first class Talug Cutcherry, &c, at Manantoddy, to enable me to make certain corrections in them.

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

J. Beatty Colonel R.E.
Superintending Engineer
4th Circle

30

7 D/ 7-4-84
G.O. No 581 W dy 3-3-84
" 803 W dy 27-3-82

Memo

With reference to letter from the S.E. IV Circle No. 79 E.W. dy 20th February 1884, the undersigned has the honor to state that the plans & estimates for a new taluk Cutcherry at Manantoddy have been referred to the Revenue Depts. On their return, the papers will be forwarded to the Supdg Engineer.

C.S.
24-2-85

S.E. IV Circle

From
The Supdg. Engineer,
Fourth Circle.

No 384 Cey 25-2-85

Dated 20th &
Desp'd. 23rd } February/85

No. 79
E.W.

Enc:-

Talug Cutcherry at Manantoddy:-

Requests to return the plans and estimates of the —.

With memo

Estimate for constructing a Talug Cutcherry at Manantoddy.

842/31

[P. W. D. Code. Paras. 1074 and 1075.]

Main Building

P. W. D. FORM.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.		Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	Area or Contents.	Total Quantity of each description of Work.
Excavation							
Court house & Sub-Registrar's Office	Outer walls	1	195	5.75	4	4485	
	Cross walls	3	13.75	5.75	4	949	
	Verandah	1	218.5	5	4	4370	
Clerk rooms	Front & rear walls	2	32.25	5.75	4	1483	
	Cross wall	1	13.75	5.75	4	316	
	Verandah	1	56.63	5	4	1133	
Sheristadars & Record rooms	Outer walls	1	175	5.75	4	4025	
	Cross walls	2	10.75	5.75	4	495	
	Verandah	1	115.5	5	4	2310	
Cashiers rooms	Front & rear walls	1	36	5.75	4	828	
	Cross walls	1	13.75	5.75	4	316	
	Verandah	1 1	32.64 4.25	5 2	4 4	653 34	
Treasury & Side rooms	Front and rear main walls	1	51.25	5.75	6	1768	
	End walls of treasury	2	13.75	6.25	6	1031	
	Rear wall of Inspectors room	1	19.75	6.25	6	741	
	Front wall of Arm Rock	1	12.75	6.25	6	478	
	End walls of Inspectors & arm rack rooms	3	10	6.25	6	1125	
	Turret	1	15.75	15.75	6	1488	
Covered way	Verandah	2	11.13	5	4	445	
	Posts	2	5	5	4	200	
Sub Jail	Outer walls	1	141	5.75	4	3243	
	Cross walls	3	10.75	5.75	4	742	
	Verandah	1	167.5	5	4	3350	
	Steps	7 2	10 7.75	3 3	1 1	210 46	
	Total cubic feet of Excavation						36264 ✓

ESTIMATE FORM.—Detail Measurements.

	Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity each descript of Wor
			Length.	Breadth.	Depth.		
	Brought Over					5162	
Sub Jail	Outer walls	1	141	2.25	2	634	
	Cross walls	3	14.25	2.25	2	192	
	Verandah	1	171	1.5	2	513	
	Turret	1	12.25	12.25	2	300	
	Steps	9	7.66	3	1	207	
	Total Basement					7008	
	Superstructure						
Court & Sub-Registrar's rooms	Outer walls	1	195	1.5	13.5	3949	
	Cross walls	3	18	1.5	13.5	1094	
	Gable over cross walls	6	19.5	1.5	3.25	570	
Clerk rooms	Front & rear walls	2	36.5	1.5	13.5	1478	
	Cross walls	1	18	1.5	13.5	365	
	Gable	1	19.5	1.5	3.25	95	
Sheristadar's & Record rooms	Outer walls	1	175	1.5	14.5	3806	
	Cross walls	2	15	1.5	14.5	653	
	Gable over cross walls	4	16.5	1.5	2.75	272	
	do Side walls	2	19.5	1.5	3.25	190	
Cashier's room	Front & rear walls	2	13.5	1.5	13.5	547	
	Cross walls	1	18	1.5	13.5	365	
	Gable over cross walls	1	19.5	1.5	3.25	95	
Treasury & Side rooms	Front & rear walls	1	41	1.5	25	1538	
	Gables		23	1.5	3.25	112	
	do		11.5	1.5	3.25	56	
	do		5	1.5	3.5	26	
	End walls to top of terrace	2	18	2	16	1152	
	do above do	2	18	1.5	9	486	
	Gables		28	1.5	3.25	136	
	do		14	1.5	3.25	68	
	do		5	1.5	3.5	26	
	Carried Over					17970	

847/33

[P. W. D. Code. Paras. 1074 and 1075.]

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

	Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
			Length.	Breadth.	Depth.		
	Brought forward					17279	
Treasury & Side Rooms	Rear wall of Inspector's rooms	1	24	2	13	624	
	do above	1	24	1.5	12	432	
	Front wall of Arms Rooms	1	17	2	13	442	
	do do	1	17	1.5	12	306	
	End walls of Inspector's and Arms Rooms	3	11.5	2	13	897	
	do do	3	11.5	1.5	12	621	
Sub Jail	Outer walls	1	141	1.5	14.5	3067	
	Cross walls	3	15	1.5	14.5	979	
	Gable of Cross walls	5	16.5	1.5	2.75	340	
	Turret including allowance for making Steps	1	11.5	11.5	27	3571	
	Total Superstructure					28558	
	Grand Total					49802	
	Deduction						
	Deduct for doors	30	4	1.5	8	1440	
	do in treasury & Inspector's	2	4	2	8	128	
	do Inspector's & Arms rooms	2	3	2	6.5	78	
	do upstair	2	3	1.5	6.5	59	
	do in Turret	1	3	1.5	6	27	
	do Windows	6	4	1.5	5	180	
	do do in treasury	1	4	2	5	40	
	do in do in Sub Registrar rooms	4	3.5	1.5	5	105	
	do do Record Rooms	10	2	1.5	9	270	
	do do Inspector's & Treasury & Arms Rooms	7	2	2	2	56	
	do for Ventilators in Sub Jail	8	3.5	1.5	2.5	105	
	Carried Over					2488	

ESTIMATE FORM.—Detail Measurements.

	Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
	Brought forward					9227	
	Side room in front of treasury	1	16.25	7.25	1.5	177	
	Covered way	1	31	18.25	1.5	849	
	Rooms	1	45	14.25	1.5	962	
	Verandah	1	140.5	6.12	1.5	1290	
	Total cft of filling in Basement						1250
Court & Sub-Registers Rooms	Purlins	4	82.5	4"	6"	55-0	
	Pole plate	1	147	4"	4"	16-4	
	Purlins over Verandah Rafters	1	205	3"	4½	19-3	
	"	1	230	3"	4½	21-7	
	Valley rafters (Double)	4	32.5	3"	5"	13-6	
	Hips to Verandah do	8	15	3"	4½"	11-3	
	Common Rafters	23	11	3"	4½"	23-8	
	Wall plates to do	2	21	3"	4"	3-6	
Clerks Rooms	Purlins	2	47	4"	6"	15-8	
	"	2	56	4"	6"	18-8	
	Pole plates	2	39	4"	4"	8-8	
	Purlin over Verandah Rafters	1	59	3"	4½	5-6	
	"	1	57	3"	4½	4-7	
	Common Rafters	6	11	3"	4½	6-2	
Sheristadar & record Rooms	Purlins	4	75.5	4"	6"	50-4	
	Pole plate	1	110	4"	4"	12-3	
	Valley Rafters	4	30	3"	5"	12-6	
	" Hips	8	15	3"	5"	12-6	
	Purlins over Verandah rafters	1	116	3"	4½	10-11	
	"	1	124	3"	4½	11-8	
	Common Rafters	14	11	3"	4½"	14-5	
	Carried Over					347-11	

[P. W. D. Code. Paras. 1074 and 1075.]

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842/35

P. W. D. Form
No. M 204

ESTIMATE FORM.—Detail Measurements.

	Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
	Brought forward					347-11	
Cashiers Rooms	Purlins	2	32	4"	6"	10-8	
	"	2	35	4"	6"	11-8	
	Purlins over Verandah rafters	1	44	3"	4½	4-2	
	"	1	38	3"	4½"	3-7	
	Common Rafters	5	11	3"	4½	5-2	
Treasury & Side rooms	Girder in main room	1	21	10"	13½	22-8	
	Joists	13	21.5	3"	6½"	37-10	
	do Inspectors & Arms rooms	29	9.5	3"	5"	28-8	
	Wall plate to Verandah Joists	1	86	4"	3"	7-2	
	" to Treasury room	2	17	4"	3"	3-2	
	Valley Rafters	8	19	3"	5"	15-10	
Upstairs	Purlins	4	44	4"	6"	29-4	
	Wall plates	2	44	4"	3"	7-4	
Covered way	Purlins	2	27	4"	6"	9-0	
	"	2	20	4"	4"	4-5	
	Ridge purlins	2	30	4"	6"	10-0	
	Purlins over rafters	2	13	3"	4½"	2-5	
	" "	2	11	3"	4½	2-1	
	Posts under truss	2	14	8"	8"	12-5	
Sub-Jail	Purlins	4	58.5	4"	6"	39-0	
	Pole plate	1	102	4"	4"	11-4	
	Hip rafters	8	15	3"	5"	12-6	
	Valley Rafters	4	30	3"	5"	12-6	
	Purlins over Verandah rafters	1	152	3"	4½"	14-3	
	" "	1	180	3"	4½	16-10	
	Common Rafters	16	11	3"	4½"	5-6	
	Wall plates to do	2	18	3"	4"	3-0	
	Carried Over					690-5	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	To Quant ea descri of W
Brought forward					690-5	
Turret Hips	4	11	3"	4"	3-8	
Common Rafters	4	8.5	3"	4"	2-10	
Batten round turret in the middle	1	36	3"	2"	1-6	
Wall plates	4	11	3"	4"	3-8	
Verandah Posts	114	8	5"	5"	158-4	
Supports to Rafters	96	1	3"	3"	6-0	
Cross pieces	192	1.25	2"	1½	5-0	
Bressummer all round	1	645	5"	5	112-0	
Barge board at Gable	1	215	9"	3/4	10-1	
Total Teakwood wrought & put up						9
Court Sub Registrar's & ca rooms	1	288	"	14	4032	
Clerk rooms	1	142	"	14	1988	
Sheristadar & Record rooms	1	223	"	15	3345	
Cashiers rooms	1	106	"	14	1484	
Treasury inside up to Terrace	1	76	"	15.5	1178	
do above	1	77	"	9.5	732	
Gables	2	20	"	3.5	140	
Front verandah room	1	50	"	25	1250	
Gables	2	17	"	3.5	119	
Rear verandah room	1	64	"	25	1600	
Gables	2	24	"	3.5	168	
Sub Jail Room	1	216	"	15	3240	
Turret up to Terrace of Verandah	1	25	"	12.5	312.5	
do above	1	34	"	14	476	
Gable walls both sides	8½	18	"	6.5	994	
do do	7	15	"	5.5	577	
Carried Over					21635	

(P. W. D. Code. Paras. 1074 and 1075.)

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P. W. D. Form No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward					21635.5	
Doors sides & Soffit of Arch	24	22	1.5		792	
do in Jail	6	20	1.5		180	
do of Arch do treasury	2	22	2		88	
do of Arch do	2	17	2		68	
do do in Upstair	2	17	1.5		51	
Windows sides Soffits of Arch & Sill	7	20	1.5		210	
do do in Sub Registrar's room	4	19	1.5		114	
do do of Verandah & main walls of Treasury	7	9	2		126	
do do in record rooms	10	23	1.5		346	
Ventilators in Jail	8	12	1.5		144	
Sides & Soffits of Archway in Court house	1	26.5	1.5		40	
do do in Verandah	2	26.5	1.5		79	
Total						23872
Deduct for doors exterior 1 side & interior both sides	41	4	"	8	1312	
do for Windows Sub Registrar's room	4	3.5	"	5	70	
" " in Treasury & Verandah rooms	4	3	"	6.5	78	
" Do. Verandah room	2	3	"	6.5	39	
" Windows exterior 1 side interior both sides	9	4	"	5	180	
" Do in Verandah & treasury	7	2	"	2	28	
" Do. in Record room	10	2	"	9	180	
" Ventilators in Jail	8	3.5	"	2.5	70	
" Archway both sides up to springing	1×2	12 area	"	4	96	
" Do. above	1×2	56.5			113	
" Do up to springing	2	8		7	112	
" Do above	2		area 25.12		50	
Carried Over					2328	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Brought forward					2328	
Arch way						
" Seg. semi Circular & ironbarred portion over doors & Windows	32		area 6.25		200	
" for Semi-Circular portion over windows in Sub Registrar's room	4		area 4.71		19	
" Do over doors in treasury & Verandah rooms	6		area 3.5		21	
" Do over windows Do	7		area 1.57		11	
" Do Do in Record room	10		area 1.57		16	
Total Deduction					2595	
Total plastering less deduction						21277
P (External)						
Court and Sub Registrar's office outside	1	180	"	13	2340	
Do Do Basement	1	228	"	2	456	
Clerk rooms outside	1	73	"	13	949	
Do Basement	1	49	"	2	98	
Sheristadar & Record Rooms outside	1	140	"	14	1960	
Do Do Basement	1	140	"	2	280	
Cashiers rooms outside	1	27	"	13	351	
Do Basement	1	38		2	76	
Treasury & Verandah rooms outside	1	122	"	23	2806	
Gables	1	28	"	4.5	126	
"	1	14	"	4.5	63	
"	1	7	"	4.5	32	
Basement	1	68	"	2	136	
Carried over					9673	

(P. W. D. Code. Paras. 1074 and 1075.)

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847/37

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Brought forward					9673	
Covered way Basement	1	20	.	2	40	
Sub Jail outside	1	147	.	14	2058	
Do Basement	1	177	.	2	354	
Sides of steps	9×2	3	.	1	54	
Gables	2	20	.	3	120	
"	2	18	.	3.5	126	
"	2	18	.	2.5	90	
Turret & right side of upstairs	1	38	.	4	152	
Total Sft					12667	
Deduct						
Deduct for doors outer walls	23	4	.	8	736	
" Verandah rooms	2	3	.	6.5	39	
" Windows Do	5	4	.	5	100	
" Do in Registrar's room	4	3.5	.	5	70	
" Do in Treasury & Verandah room	7	2	.	2	28	
" Do in Record room	10	2	.	9	180	
" Ventilators in Jail	8	3.5	.	5	70	
Semi-circular portion over windows & doors	24		area 6.25		150	
" Do Do over windows in Sub Registrar's room	4		area 4.71		19	
Do Do doors in Verandah rooms	2		3.5		7	
Do over windows in treasury Verandah & Record rooms	17		1.57		27	
Carried over					1426	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Roofing with mission tiles & Corrugated iron sheet & teak reepers						
Court and Sub Registrar's room. — Right & left sides	1	82.5	"	28	2310	
Verandah front & rear	2	30.5	"	10	610	
Verandah at ends	1	178	"	8	1424	
Clerk rooms — Front & rear	1	33.5	"	28	938	
Veranda	1	59	"	8	472	
Sheristadar & Record rooms — Right & left sides in rear	1	75.5	"	24	1812	
Verandah rear	1	57.5	"	10	275	
Verandah	1	90	"	8	720	
Cashiers room — Front & rear	1	25	"	28	700	
Verandah	1	39.5	"	8	316	
Treasury including Verandah room — Right side	1	31	"	16	496	
"	1	13	"	5	65	
Left side	1	44	"	16	704	
Extra projections	3	13	"	3	117	
Turret	1	28	"	8.5	238	
Covered way — Front & rear	1	20	"	24	480	
Verandah	2	18	"	8	288	
Sub Jail — Right & left sides	1	58.5	"	25	1462	
Verandah front & rear	2	27.5	"	10	550	
" Sides	1	102.5	"	8	820	
Total sft of roofing with mission tiles, Corrugated Iron sheet teak reepers nails &ca. Complete						14797

Carried Over ——— 17279

P. W. D. Code. Paras. 1074 and 1075.

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P. W. D. Form No. M 204

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42/45

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Flooring with concrete & plastered						
As per quantity of filling in Basement (excluding the room of Jails)			11543×2/3		7695	
Total sft of Flooring with concrete & plastered with mortar						7695
Flooring with Asphalte						
Jail rooms	1	46	"	14.25	655	
Total sft of flooring with ½" asphalte over 5½" depth of concrete						655
Painting doors and windows exposed wood work of roof with 3 coats of [illegible] each [illegible]						
Panelled doors	2×23	4	"	8	1472	
Do in Treasury	2×2	3	"	6.5	78	
Do in Verandah rooms	2×2	3	"	6.5	78	
Do in Turret	2×1	3	"	6	36	
Panelled windows	2×4	4	"	5	160	
Do in Sub Registrar's room	2×4	3.5	"	5	140	
Do in Verandah and treasury rooms	2×7	2	"	2	56	
Do in Record room	2×10	2	"	9	360	
Eave Boarding at Gables	2	215	"	.75	322	
Total sft of painting						2702

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Painting wood work of roof with 2 coats of wood oil						
Total sft of wood oiling wood work						10000
Laying zinc sheet to the valleys.						
Court house	2	32	.	2.5	160	
Sheristadar's room	2	32	.	2.5	160	
D°	2	11	.	2.5	55	
Jail	2	32	.	2.5	160	
Total sft of zinc sheet						535
Wrought Iron finials					N°	1
Moulding						
Over windows in turret &ca	1				86	
Total Rft of moulding						86
Railing for Tahsildar's Seat, Witness and prisoner boxes &ca						1

D. Code. Paras. 1074 and 1075.

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P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	Area or Contents.	To Quant ea descr of W

SUPG. ENGINEER'S OFFI
No.
4 OCT. 84
P. W. D.
FOURTH CIRCLE

Constructing Taluq Cutcherry at Manantoddy

ESTIMATE FORM.—Abstract. Main Building

842/45

Quantity.	Description of Work.	Rate. RS.	Per.	Amount. RS.	Total. RS.
48,769	Cft of Excavation for foundation & filling in basement	12 „ „	1000 cft	586	✓
13,322	„ of Concrete with brick jelly in mortar	25 „ „	100 cft	3,330	✓
45161	„ Brick in chunam	45 „ „	Do	20,323	✓
1,319	„ Circular & flat arch works in brick and Chunam	50 „ „	Do	659	✓
32	„ Cut Stone work.	3 „ „	cft	96	✓
80	Sft Honey comb brick work in Chunam and White washed	„ 6 „	sft	30	✓
993½	Cft of Teak wood wrought and put up	5 „ „	cft	4,968	✓
6	Teak wood trusses 18' span, complete	55 „ „	each	330	✓
8	Do Do 15' Do	45 „ „	Do	360	✓
1	Do Do to Treasury including iron works complete	65 „ „	Do	65	✓
21277	Sft of Plastering interior with 2 coats of Chunam	10 „ „	100 sft	2,128	✓
11,079	Do of Pointing exterior with chunam	6 „ „	Do	665	✓
1178	„ Glazed Shutters to doors and windows	1-8 „	sft	1767	✓
	Carried over.			35,307	

Grand Total of Estimate...

Station

Dated

Executive Engineer.

NOTES.

REFERENCE TO MADRAS, P. W. D. CODE.

CHAPTER VII.—Paras. 966, 968, 968A, 978, 979, 983 to 986, 997, 1000 to 1003, 1071 to 1073.

(1.)—ABSTRACTS of Estimates should be prepared under such sub-heads as are to be separately shown in the Accounts (Register of works, workvouchers, &c.) of the work. For repairs of buildings and roads, the classification of the Budget Estimate should be strictly followed, one estimate only being framed for each Budget entry, and if a further estimate is required, it should be supplemental to the first; by this means, as the Work Abstracts follow the estimates, the Register of Work the Schedule of expenditure, the Books of the Central Office will show by one entry the entire outlay on repairs to each work for the whole year, which is not the case when several estimates are sanctioned for the repairs of one work in the course of the year.

(2.)—All rates are to be given in Rupees decimally divided to two places.

(3.)—Quantities are to be entered as so many units; thus the unit for brick-work being 100 cubic feet; 9250 cubic feet of brick-work would be entered as 92·5 units.

(4.)—In the duplicate copies of Abstracts intended for the Examiner, the following information should be filled in by the Executive Engineer;—

Probable duration of execution of works .... Months

Probable number of work vouchers that will be required. }

P. W. D. M
Form No.

ESTIMATE FORM.—ABSTRACT.

CIRCLE.

DIVISION—

TALUQ—

Abstract estimate for*

---

* Here enter the name and description of work in fu

847/42

ESTIMATE FORM.—ABSTRACT.

Quantity.	Description of Work.	Rate.	Per.	Amount.	TOTAL.
		RS.		35,307 RS.	RS.
964 ✓	Sft of Panelled doors with frames shutters and iron fittings &c complete (B. ft)	2 . .	Sft	1928	✓
309 ✓	" of Iron grated doors and windows with frames &c complete.	2-12-.	Do	850	✓
442 ✓	" Panelled windows with iron bars and frames &c complete	2-4-.	Do	995	✓
857 ✓	" Terracing with brick on edge brick jelly 3 courses of flat tiles and plastered 3 coats.	77-.	100 Sft	660	✓
14,797 ✓	" Roofing with mission tiles over peepers and corrugated iron complete	60-.	Do	8,878	✓
7,695 ✓	" Flooring with 6" thick concrete & plastered.	19-.	Do	1462	✓
655 ✓	" Flooring with $5\frac{1}{2}$" thick concrete and $\frac{1}{2}$ asphalte	40-.	Do	262	✓
2702 ✓	" Painting with 3 coats of Carsons Chakolate color	6-.	Do	162	✓
10,000 ✓	" Wood oiling (3 coats)	3-.	Do	300	✓
535 ✓	" Zinc sheet	.-8-.	Sft	267	✓
	Carried over.			51,071	

Grand Total of Estimate...

STATION }
Dated }

33

Executive Engineer.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	 Breadth.	 Depth.	Area or Contents.	Total Quantity of each description of Work.
Painting wood work of roof with 3 coats of wood oil.						
Total Sft of wood oiling wood work						1000.0
Laying Zinc sheet to the valleys.						
Court house	2	32	.	2.5	160	
Sheristadar's room	2	32	..	2.5	160	
Do.	2	11	.	2.5	55	
Jail	2	32	..	2.5	160	
Total Sft of Zinc Sheet						535
Wrought Iron finials					No	1
Moulding						
Over windows in turret 4 ea	1				86	
Total Rft of Moulding						86
Railing for Tahsildar's Seat, Pictures and prison boxes & ca						1

W. D. Code. Paras. 1074 and 1075.

847/40

P. W. D. Form No. M 204.

847/45

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	 Breadth.	 Depth.	Area or Contents.	Total Quantity of each description of Work.

ive Engineer.

NOTES.

Reference to Madras, P. W. D. Code.

Chapter VII.—Paras. 966, 968, 968A, 978, 979, 983 to 986, 997, 1000 to 1003, 1071 to 1073.

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Probable duration of execution of works Months

Probable number of work vouchers that will be required.

P. W. D
Form N

ESTIMATE FORM.—Abstract

Circle.

Division—

Taluq—

Abstract estimate for*

* Here enter the name and description of work in

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		RS.		RS.	RS.
	Brought forward.			51102 51071	
1	Wrought iron finials to turret	10-0	each	10	✓
2	Wooden ladders to side side rooms in upstairs.	15-0	Do	30	✓
86	Rg. ft of Moulding work	-4-	Rgft	22	✓
1	Teak wood railings	Lumpsum.		500	
	Contingencies			2539	
	Petty Supervision			2518	

J. Beatty - Colonel, R. E.
Superintending Engineer 4th Circle

Grand Total of Estimate... 56,690

Station Ootacamund
Dated 2nd October 1884.

A. Smith
Executive Engineer. Major R.E.
Nilgiri Dn

84

NOTES.

Reference to Madras, P. W. D. Code.

Chapter VII.—Paras. 966, 968, 968A, 978, 979, 983 to 986, 997, 1000 to 1003, 1071 to 1073.

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(4.)—In the duplicate copies of Abstracts intended for the Examiner, the following information should be filled in by the Executive Engineer:—

Probable duration of execution of works } Months

Probable number of work vouchers that will be required. }

SUPDG. ENGINEER'S OFFICE
No. 5/ 6064.3.
4 - OCT. 84
P. W. D.
FOURTH CIRCLE

P. W. D. Madras.
Form No. M 77d.

ESTIMATE FORM.—Abstract.

IV" Circle.

Division— Nilgiri

Taluq— Wynaad

Abstract estimate for* Constructing Taluq Cutcherry at Manantoddy. Main building

* Here enter the name and description of work in full.

Estimate No. 63 of 188 4-85.

847/44

~~Financial~~ Fund Head— Provincial

Budget Head— Civil Building

Departmental Head— Original work

Main Head— Administration (Land Revenue)

Sub-Head— Taluq Cutcherry

Project of which the work forms part—.

Section—

Name of Work— Constructing a First class Taluq Cutcherry at Manantoddy in North Wynaad

Amount of Estimate— 56,690

To be carried out by— P. W. Departt.

REFERENCES.

G.O. No. 581 W of 3d March 1884

G. O. No. 1213 W of 13th May 1884

Reference to Madras P. W. D. Code:
Paras. 1074 to 1076.

P. W. D. Form.
No. M 203.

SUPG: ENGINEER'S O
No.
4 - OCT. 84
P. W. D.
FOURTH CIRCLE

Fourth Circle.

No. 5/6 / 7599/

Division— Nilgiri

Taluk— Wynaad

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for* Constructing a First-class Taluq Cutcherry at Manantoddy in North Wynaad

Amount of Estimate, Rs. 56670

Detailed Estimate, No. 63 of 1884-85.

7764/81

64/85

7 / Pro 8720/85

5 / Pro 7606/85

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* Here enter name and description of work in full.

1168/85

847/85

Report to accompany the Estimate for Constructing a First Class Taluq Cutcherry, Subsidiary Jail, Sub Registrar's office and Out Houses at Manantoddy in Wynaad.

Amount of Estimate. Rs: 62800

References.

G. O. No 581 W of 3rd March 1884.
G. O. No 1113 W. of 13th May 1884.

Report.

As called for in the above Government Orders, the Estimate has been prepared in accordance with the Standard Plans circulated with G. O. Nos 3552 and 1366 dated 18th November 1867 and 22nd May 1874 respectively, with a slight modification to suit the climate of Wynaad and to fulfill the conditions

conditions laid down
in G.O. 77 W of 11th January/82
so far as regards the Treasury.

This modification was approved of by the Collector of Malabar in his letter No 3221 of 11th July 1884.

not Con

There being a separate Government building lately built for a Post Office at Manantoddy there will be no accommodation for a Post Office in the plan now prepared as was allowed in the Standard one, but there is provision for a Sub Jail, Sub Registrar's Office and his records.

Gable ends have been substituted for the sloping roof at ends of the blocks as the roofing will be simpler and firmer in consequence.

Rafters

110

847/146

Rafters have been done away with 2 Stout purlins to carry the corrugated iron are substituted.

The weight of the corrugated iron and mission tiles is the 1030 per square as against 2 Tons, lbs 4480 the average weight of ordinary flat and pan tiles. hence the many rafters are not required.

As also the necessary out houses such "Ryots' shed Cook House Jail and Public Latrines and gates according to the Standard plans.

A well cannot conveniently be sunk as the site for the building is on the top of a hill. Water for the use of the Deputy Collector has to be brought up from the adjacent river.

57

The

be so good as to

The Collector of Malabar informs that one of the walls of the present old jail has recently tumbled down and the old building of Taluq Cutcherry is in a delapidated condition, and requires immediate construction of a New Taluq Cutcherry at Manantoddy.

ENGINEER'S OFFICE
2/ 606 No.
4 OCT. 84
P.W.D.
FOURTH CIRCLE

A L Smith Major R.E.
Executive Engineer

64/75

77 04/84

5/ Rw 8/10/84
3/ Rw 9/10/84

Specification to accompany the Estimate for Constructing Taluq Cutcherry at Manantoddy.

All the works to be carried out as laid down in the printed Specification for a first class Taluq Cutcherry circulated with G. O. No. 1366 of 22nd May 1874, and according to the Standard Specification of the P. W. Department, with the exception of:-

(1) The roof will be covered with machine made Mission tiles over corrugated iron sheets well fastened by iron bolts &c with teak reepers

&

and supported by Teak wood Trusses and Purlins.

2. All the outer doors to the main building will be of glazed shutters inside and panelled shutters outside as well as semi circular for lights at top. All the inner doors will be of panelled doors. The doors of the Treasury and Lock up rooms will be of square iron bars 3/4" well fastened and rivetted with flat bar iron frames. Iron grated ventilators will be provided with fixed glazed sashes to the above rooms.

4/606

64/85

7704/87

A Smith Major RE
Executive Engineer

1168/85

Detailed Estimate for constructing Out Houses &c to the Taluq Cutchery at Manantoddy-

[P. W. D. Code, Paras. 1074 and 1075.]

P. W. D. Form. No. M 204.

ESTIMATE FORM.—Detail Measurements.

842/48

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Concrete						
Pillars	12	3	3	1	108	
Total cft of concrete						108
Brick in Chunam						
Foundation to front & rear walls	2	38.25	2.25	2.6	430	
do Side walls	2	13.75	2.25	2.5	155	
do Steps front & rear	2	16.5	2.0	.75	50	
Basements to front and rear walls	2	37.5	1.5	1.5	169	
do Side walls	2	14.5	1.5	1.5	65	
do Steps front & rear	2	16	2	.75	48	
Superstructures to pillars	12	1.5	1.5	8.5	230	
do Walls between pillars front & rear	4	7.5	.75	2.5	56	
do do at sides	4	6.5	.75	2.5	49	
Total cft of Brick in Chunam						1252
Plastering						
Pillars	12	6		8.5	612	
Walls between pillars in front & rear	4	7.5		5.75	173	
do do at sides	4	6.5		5.75	150	
Basement all round	1	110		1.5	165	
do Plinth between pillars	4	6.5		.37	10	
do do	4	7.5		.37	11	
Ends of steps	2	6.0		.5	6	
Total Sft of plastering 2 Coats						1127

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Deduction						
Deduct the thickness of walls against the pillars	16	.75		2.5	30	
Total Deduction Sft					30	
Total plastering less deduction Sft						1097
Over the walls between pillars	4	7.6	"	2.5	75	
do do at sides	4	6.5	"	2.5	65	
Total sft of Honey Comb tile						140
Flooring						
Centre of Hall	1	34.5	14.5	.	500	
Between pillars in front & rear at entrance	4	7.5	1.5	.	45	
do do	4	7.5	.37	.	11	
do do at Sides	4	6.5	.37	.	10	
Total Sft of flooring						566
Purlins all round	1	76	3	4"	6	
do do at ridge	1	47½	3"	4"	4	
do do wall plate	1	103	3"	4½"	10	
Hip rafters	4	16	3	4½	6	
End do	2	12	3"	4"	2	
Brackets	6	9"	3"	4"	3	
Pillar plates under the Hip rafters	6	1½	1½	2"		
Total Cft of Woodwork						31
Truss Complete	3					3.

[P. W. D. Code. Paras. 1074 and 1075.]

84/49

P. W. D. Form.
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Front and rear	2	31	13	-	806	
Ends triangular	2		13	-	266	
Total sqft of roofing						1072 ✓
Earth work						
Excavating foundation as per quantity of foundation in brick in Chunam and Concrete	1	378+425			803	
Filling in basement	1	34.5	14.5	-	500	
Total Cft of Earthwork						1303 ✓

Estimate for constructing a Jail Latrine to the Taluk Cutcherry at Manantoddy.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Jail Latrine						
Concrete						
Pillars	9	3.5	3.5	1	110	
Total cft of concrete						11
						Vac
Foundation to pillars	10	2.2	2.2	2.5	121	
Walls between pillars in front & rear	1	29	1.25	1.5	54	
do at ends	2	10	1.25	1.5	38	
Cross walls	1	9.75	1.25	2.0	24	
Seats (Male)	1	10	2.5	1.0	25	
do (Female)	1	5	2.5	1.0	13	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
		MEASUREMENTS IN FEET.				
Entrance	2	2.5	1.5	2.5	19	
Cistern	2	3.5	3.0	.75	16	
Drain	1	46	1.0	.75	35	
Superstructure to pillars	10	1.5	1.5	8.5	191	
Walls between Male & female latrine	1	10	.75	8.5	64	
do do do Gable	1	11.6	.75	3.5	30	
do Pillars front & rear	1	29	.75	2.5	54	
do at ends	2	10	.75	2.5	38	
Back wall of Seats (Male)	1	10	.5	5	25	
do (Female)	1	5	.5	5	13	
Screen walls of do	6	2	.5	5	30	
Seats between Screen walls	6	2	2	1	24	
Cistern walls above	2	7.5	.75	2	23	
Total Cft					837	
Deduct for openings in 10 Seats & in 10 Back walls cft	..	..	..	..	7	
Total Cft of Brick in Chunam less deduction						830
...ars	10	6	..	8.5	510	
... between pillars front & rear	1	29	..	5.75	167	
do at ends	2	10	..	5.75	115	
Back wall of Seats (Males)	1	10	..	5.75	58	
do (Female)	1	5	..	5.75	29	
Ends of Seats	2	2.5	..	5	25	
Sides of Screens & back wall of each Seat	4	6	..	4	96	

[P. W. D. Code. Paras. 1074 and 1075.]

847/50

P. W. D. Form. No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
		MEASUREMENTS IN FEET.				
Sides of Screen at Crosswalls	2	4	..	4	32	
Top of Screen walls	6	2	..	.5	6	
do Seats	6	2	..	2	24	
Face of Seats (Male & Female)	1	15	..	1	15	
do of Screen walls	6	.75	..	4	18	
Cistern inside	2	8	..	2	32	
Top of Cistern	2	7.5	..	1	15	
Bottom of do	2	2	..	2	8	
Cross walls between Male and Female latrine both Sides	2	10	..	8.5	170	
Total Sft					1320	
Deduct for the thickness of the walls against pillars	14	.75	..	2.5	26	
do do Cross Walls	2	.75	..	8.5	13	
Seats against Cross walls	2	2.5	..	1	5	
Total Deduction Sft					44	
Total plastering less Deduction Sft						1276
Over the walls between pillars in front & rear	1	30.5	..	6	183	
do at ends	2	10	..	6	120	
Total Sft of Honey comb work						303
Male latrine	1	12.37	9.5	..	118	
Female do	1	7.87	9.5	..	75	
Between pillars of female latrine	1	10.5	.75	..	8	
do Male do	1	17.5	.75	..	13	
do at ends	2	9.5	.75	..	14	
Total Sft					228	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Deduct for spaces of seats in Female latrine	1	5	2.5	..	13	
do Male do	1	10	2.5	..	25	
Total deduction sft					38	
Total flooring less deduction						190
One foot round the seats of male front & rear	1	20.5	.	1	20	
do do Female do	1	12.5	.	1	13	
Screen walls of each seat	6	6	.	1	36	
Seats of male and female	6	2	2	..	24	
Face of screen walls	6	.5	.	1	3	
Floor in front of male seats including drains	1	12	..	4.75	57	
do Female do	1	7	..	4.75	33	
Cistern inside	2	8	..	2	32	
Top of do	2	7.5	.75	..	11	
Bottom of do	2	2	2	..	8	
Drains in rear of seats	1	15	1	..	15	
do do	1	10	1	..	10	
Total sft of Tarring						265
[illegible] plates over the cross wall between male & female latrine	2	6	.20	.29	1	
Purlins projecting 1½ ft at each end	6	23	.16	.25	7	
Battens over corrugated iron	6	23	.16	.08	2	
Total cft of Wood work						10
Front and rear including eaves Rectangular portion	2	28	9	..	504	
Total sft of Roofing with corrugated iron reepers & ca						504

[P. W. D. Code. Paras. 1074 and 1075.]

847/57

P. W. D. Form, No. M 204.

1

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Excavating foundation as per quantity of foundation in brick in chunam and concrete					541	
do floor	1	190	..	.25	48	
Total cft of Earth Work						589
Wooden cover or lid for urinal cistern as per detail in the plan						2
Urinal tub including iron fittings & ca complete						2
Estimate for constructing a public latrine to the Taluq Cutchery at Manantoddy.						
Pillars	12	3.5	3.5	1	147	
Total cft of concrete						147
Foundation to pillars	12	2.2	2.2	2.5	145	
do Walls between pillars in front & rear	8	6.5	1.25	1.5	98	
do do at ends	2	9.5	1.25	1.5	36	
do at rear & at entrance	2	3.5	1.25	1.5	13	
do under the seats	2	13	2.5	1	65	
do Dry earth stone wall	1	13	1.25	.75	12	
do Cisterns	2	7.5	3	.75	34	
do the drain	2	32	1	.75	48	
Superstructure to pillars	12	1.5	1.5	8.5	230	
Walls between pillars	8	7	.75	2.5	105	
do do at ends	2	10	.75	2.5	38	
do do at rear	1	4	.75	2.5	8	
Back walls of seats	2	13	.5	5	65	
Screen walls of do	12	2	.5	5	60	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Seats	10	2	2	1	40	
Dry earth wall	1	13.5	.75	2.5	25	
Cistern wall	4	7.5	.75	2.0	45	
Total Cubic feet					1065	
Deduct for seats and openings with back wall complete					18	
Total cft of Brick in Chunam						1054
Pillars	12	6	"	8.5	612	
Walls between pillars	8	7	.	5.75	322	
do do at ends	2	10	.	5.75	115	
do at rear earth store	1	4	-	5.75	23	
Dry earth store wall	1	13.5	.	5.75	77	
Back wall of seats including top	2	13	-	5.5	143	
do do at ends	2	2.5	.	5.0	25	
Sides of screen & back walls	10	6	"	4	240	
Top of Screen walls	12	2	-	.5	12	
do Seats	10	2		2	40	
Face of seats below	2	13	-	1	26	
do Screen walls	12	.5	-	4	24	
Cistern inside	4	8	"	2	64	
Top of Cistern	4	7.5	-	1	30	
Bottom of Do	4	2	-	2	16	
Sundry items to Cistern	4	40	"	"	160	
Total sft					1929	
Deduct for walls against pillars	22	.75	"	2.5	41	
Total plastering less deduction sft						1888

(P. W. D. Code. Paras. 1074 and 1075.)

842/52

P. W. D. Form
No. M 204

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
One foot round the front & rear of seats	2	28.5	"	1	57	
Screen wall of each seat	5×2	6	"	1	60	
Seats	5×2	2	2	"	40	
Face of Screen walls	6×2	.5	"	1	6	
Floor in front of Seats including drain	2	20	4.75	"	190	
Cistern inside	4	8	"	2	64	
Top of Cistern	4	7.5	"	.75	23	
Bottom of do	4	2	"	2	16	
Drain in rear of seats	2	20	1	"	40	
Total sft of tarring						480
Latrine	1	38	10	"	380	
Between pillars	8	7	.75	"	42	
do at ends	2	7.25	.75	"	11	
Total sft					433	
Deduct for seats of Latrine	2	13	2.5	"	65	
do for dry earth Cistern	1	7	1.5	"	10	
do do	area	19			19	
Total deduction sft					94	
Total sft of flooring less deduction						339
Between pillars front & rear	8	7	-	6	336	
do do at ends	2	10	-	6	120	
do at rear dry earth cistern	1	4	-	6	24	
Total sft of Honeycomb work						480
Wood work						
Purlins 1½ ft at each end	6	14.6		0.4	18	
Rafters at entrance	4	7	3"	5"	3	
Collar pieces	2	8	2"	4½	1	
Wall plates		1.5	1.5	2"	2	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Battens	6	45.	2"	1"	4	
Total cubic feet of wood Work						28
Truss complete.	4					4
Front & rear latrine including projection	2	45	11	"	990	
Total Sft of Roofing with Cor Iron sheet						990
As per quantity of foundation & concrete /					747	
Floor	1	352	-	.25	88	
Total Cft of Excavation						835
rinal tub including iron fitting & ca Complete						4
Wooden cover as per detail drawing in plan						4
Estimate for Constg a gate with shutters to the Taluq Cutcherry at Manant						
Gate pillars	2	4.5	4.5	1	40.5	
Total cft of Concrete						40.5
Foundation of gate pillars	2	3.25	3.25	3	63	
Superstructure of do bottom	2	2.5	2.5	1	13	
do do above	2	2	2	4	32	
do Coping to do	2	2.5	2.5	.5	6	
Total cft of Brick in Chunam						114
ate pillars below	2	8.75	-	1	17.5	
do above	2	7	.	4	56	
Total Sft of pointing						73.5
oping of gate pillars	2	10	3.5	-	70	
Total Sft of Plastering						70
pright frames	4	5	.33	.33	2	
Horizontal at top & bottom	4	7	.33	.33	3	
do Middle	4	7	.33	.25	2	
Diagonal frames	2	7.5	.25	.25	1	
Total Sft of Teak [illegible]d						8

[P. W. D. Code. Paras. 1074 and 1075.]

847/53

P. W. D. Form
No. M 204

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Under upright gate frames as pivots	2	2	1	.5	2	
Total No. of granite stone pivots						2
Gate pillars	2	5	5	4	200	
Total cft of Earthwork						200
Estimate for constructing a cook house to the Taluq Cutcherry at Manantoddy						
Front and rear walls	2	20.5	3.25	1	133	
End walls	2	10	3.25	1	65	
Total cft of concrete						198
Foundation to front & rear walls	2	19.25	2	2.5	193	
Do end walls	2	11.25	2	2.5	113	
Do. Steps	1	16	1	.5	8	
Basement all round	1	61	1.25	1	76	
Do. Steps above	1	16	1	.5	8	
Superstructure to front & rear walls	2	18.5	1.25	8.5	393	
Do. End walls	2	12	1.25	8.5	256	
Do. Gables over end walls	2	14.5	1.25	2.5	88	
Total cft					1134	
Deduct for openings in front of room	2	4	1.25	8	80	
Total brick in mortar less deduction cft						1054
Interior room	1	48	.	9	432	
" Gables both sides	2	13.25	.	5	133	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	MEASUREMENTS IN FEET. Length.	Breadth.	Depth.	Area or Contents.	Q
Sides of openings	4	1·25	..	8	40	
Exterior room including base	1	66	..	9	594	
Top of Steps	1	16	1	..	16	
Ends of steps	2	1	..	·5	1	
Total Sft of plastering						121
Room	1	16	12	..	192	
Total Sft of flooring						19
Front and rear	2	21½	11	..	473	
Total Sft of roofing with mission tiles over corrugated sheet purpose &c complete						47
Purlins projecting 1½ at ends	6	21½	3"	4"	11	
Lintel over openings	2	5	1 3"	3"	3	
Wall plates	4	7	3"	2"	1	
Total cft of Teakwood						15
Truss complete	1				No	1
As per quantity of foundation & Concrete		512 + 512/4			640	
Filling in basement	1	16	12	·75	144	
Total cft of Excavation & filling						784

(i) 847/54

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. RS.	Per	Amount. RS.	TOTAL. RS.
108	Cft of Concrete	25--	100 cft	27	
1252	Do of Brick in Chunam	45--	Do	563	
1097	Sft of Plastering with 2 Coats	10--	100 sft	110	
120	Do of Honey Comb work tiled including whitewash	3--	sft	35	
566	Do of flooring with 3" thick Concrete and plastered over	19--	100 sft	108	
31	Cft of Teak work wrought & put up	5--	cft	155	
1072	Sft of Roofing with mission tiles over Corrugated iron sheet purpose &c Complete	60--	100 sft	643	
1303	Cft of Earthwork	12--	1000 cft	16	
3	No Truss Complete	40--	each	120	
	Contingencies @ 5 per Cent			87	
	Petty Supervision Do			86	
	Total				1950
110	Cft of Concrete	25--	100 cft	28	
830	do of Brick in chunam	45--	Do	374	
1276	Sft of Plastering with 2 Coats	10--	100 sft	128	
303	do Honey Comb tiled work including white washing	-4-	sft	76	
190	do of flooring with 4" Concrete	15--	100 sft	29	
265	do of Terracing with 2 Coats	5--	Do	13	
10	Cft of teak wood work wrought & put up	5--	cft	50	
504	Sft of roofing with Corrugated Iron sheet &c complete	27--	100 sft	136	
	Carried over			834	

Grand Total of Estimate ... 1950.

STATION }
Dated }

Executive Engineer.

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NOTES.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS., 1074, 1075, 1086, 1087, 1091 TO 1094, 1108, 1111 TO 1114, 1130 AND 1145 TO 1147.

(1.)—ABSTRACTS of Estimates should be prepared under such sub-heads as are to be separately shown in the Accounts (Register of Works, work-vouchers, &c.) of the work. For repairs of buildings and roads, the classification of the Budget Estimate should be strictly followed, one estimate only being framed for each Budget entry; and if a further estimate is required, it should be supplemental to the first; by this means, as the Work Abstracts follow the estimates, the Register of Works, the Schedule of Expenditure, and the Books of the Central Office will show by one entry the entire outlay on repairs to each work for the whole year, which is not the case when several estimates are sanctioned for the repairs of one work in the course of the year.

(2.)—Quantities are to be entered as so many units.

(3.)—All rates are to be quoted in Rupees, Annas and Pies.

(4.)—Annas and Pies are to be excluded from the Abstract Estimates, the cost of each item being brought to the nearest Rupee. Totals of estimate need not be brought to round numbers.

P. W. D. Form
No. M 207.

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No.
of 1888 for*)

* Here enter the name and description of work in full.

847/15

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	TOTAL.
		RS.		RS.	RS.
	B/t fd —			834	1950
589	Cft of Earthwork	12-..-	1000 Cft	7	
2	No of Urinal tubs	6-..-	each	12	
2	No of wooden cover or lid for urinal cistern	6-..-	do	12	
3	Truss Complete	25-..-	do	75	
	Contingencies 5 per cent			47	
	Petty Supervision Do			43	
	Total				1039
147	Cft of Concrete	25-..-	100 Cft	37	
1054	Do of Brick in Chunam	45-..-	do	474	
1888	Sft of Plastering with 2 Coats	10-..-	100 Sft	189	
480	do of Tarring — do —	5-..-	do	24	
339	do of flooring with 4" of Concrete	15-..-	do	51	
480	do of Honey Comb tiled work including whitewashing	-4-	Sft	120	
28	Cft of Teak wood wrought and put up	5-..-	Cft	140	
990	Sft of Roofing with Corrugated Iron Sheet ~~&c~~ Complete	27-..-	100 Sft	267	
835	Cft of Earthwork	12-..-	1000 Cft	10	
4	No of Urinal tubs	6-..-	each	24	
4	No of wooden covers or lid for the Urinal Cistern	6-..-	do	24	
4	No Truss Complete	25-..-	do	100	
	Contingencies 5 per Cent			70	
	Petty Supervision Do			70	
	Total				1600

Grand Total of Estimate .. 4580

STATION
Dated

Executive Engineer.

NOTES.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 1074, 1075, 1086, 1087, 1091 TO 1094, 1108, 1111 TO 1114, 1130 AND 1145 TO 1147.

(1.)—ABSTRACTS of Estimates should be prepared under such sub-heads as are to be separately shown in the Accounts (Register of Works, work-vouchers, &c.) of the work. For repairs of buildings and roads, the classification of the Budget Estimate should be strictly followed, one estimate only being framed for each Budget entry, and if a further estimate is required, it should be supplemental to the first; by this means, as the Work Abstracts follow the estimates, the Register of Works, the Schedule of Expenditure, and the Books of the Central Office will show by one entry the entire outlay on repairs to each work for the whole year, which is not the case when several estimates are sanctioned for the repairs of one work in the course of the year.

(2.)—Quantities are to be entered as so many units.

(3.)—All rates are to be quoted in Rupees, Annas and Pies.

(4.)—Annas and Pies are to be excluded from the Abstract Estimates, the cost of each item being brought to the nearest Rupee. Totals of estimate need not be brought to round numbers.

P. W. D. FORM.
No. M 207.

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 –8 for*)

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* Here enter the name and description of work in full.

847/50

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	TOTAL.
		RS.		RS.	RS.
	Bt. fd				4580
	Gate.				
41	Cft of Concrete	25	100 Cft	10	
114	Do of Brick in Chunam	45	do	51	
70	Sft of plastering with 2 coats	10	100 Sft	7	
74	do of Pointing	6	do	4	
8	Cft of Teak wood work for gate Shutter	5	Cft	40	
2	No of granite posts for gate Shutter	2	each	4	
200	Cft of Earthwork	12	1000 Cft	2	
	Iron fittings & painting for the gate			15	
	Contingencies 5 per Cent.			3	
	Petty supervision do			8	
	Total				150
	Cook House				
198	Cft of Concrete	25	100 Cft	50	
1054	do of Brick in Chunam	45	do	474	
1216	Sft of Plastering 2 Coats	10	100 Sft	122	
192	do of Flooring with 4" concrete & plastered over	15	do	29	
473	do of Roofing with mission tiles over Corrugated iron reepers &c Complete	60	do	284	
15	Cft of Teakwood wrought and put up	5	Cft	75	
784	Cft of Earthwork	12	1000 Cft	9	
1	No Truss Complete	30	each	30	
	Contingencies 5 per Cent			54	
	Petty supervision Do			53	
	Total				1180

Grand Total of Estimate .. 5910

J. Beatty. Col. R.E.
Supg. Engineer 4th Circle

STATION Ootacamund }
Dated 2d October /84 }

A L Smith
Major R.E.
Executive Engineer
Nilgiri D.

42

NOTES.

Reference to Madras P. W. D. Code.

Paras. 1074, 1075, 1086, 1087, 1091 to 1094, 1108, 1111 to 1114, 1130 and 1145 to 1147.

(1.)—Abstracts of Estimates should be prepared under such sub-heads as are to be separately shown in the Accounts (Register of Works, work-vouchers, &c.) of the work. For repairs of buildings and roads, the classification of the Budget Estimate should be strictly followed, one estimate only being framed for each Budget entry, and if a further estimate is required, it should be supplemental to the first; by this means, as the Work Abstracts follow the estimates, the Register of Works, the Schedule of Expenditure, and the Books of the Central Office will show by one entry the entire outlay on repairs to each work for the whole year, which is not the case when several estimates are sanctioned for the repairs of one work in the course of the year.

(2.)—Quantities are to be entered as so many units.

(3.)—All rates are to be quoted in Rupees, Annas and Pies.

(4.)—Annas and Pies are to be excluded from the Abstract Estimates, the cost of each item being brought to the nearest Rupee. Totals of estimate need not be brought to round numbers.

. D Form.
M 207.

G/ 606 R. I.

4 - OCT. 84
P. W. D.

Circle—

Division—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. 63 of 1884-85 for *Constructing out-houses to the Talug Cutchery at Manantoddy in North Wynaad.)

* Here enter the name and description of work in full.

Estimate No. 63 of 1884-85.

84?/57

~~Financial~~ Fund Head— Provincial

~~Budget~~ Service Head— Civil Building

Departmental Head— original work

Main Head— Administration (Land Revenue)

Sub-Head— Talug Cutchery

Project of which the work forms part—

Section—

Name of Work— Constructing out houses to the Talug Cutchery at Manantoddy in North Wy

A mount of Estimate— 5910

To be carried out by P. W. Departt

REFERENCES.

G. O. No. 581 W of 3rd March 1884
G. O. No. 1213 W of 13th May 1884

63

HP. 679 $\frac{8}{W}$ 27/2/85

SUPG. ENGINEER'S OFFICE
NO.
4 OCT. 84
P.W.D.
FOURTH CIRCLE

P.W. D. Form.
No. M 203.

4th CIRCLE.

DIVISION— Nilgiri

TALUK— Wynaad

ESTIMATE FORM—Wrapper or Outer-sheet

Estimate for * Constructing out ho
to the Taluq Cutcherry at Mana
in North Wynaad

Amount of Estimate, Rs. 5910 – –

Detailed Estimate, No. 63 of 1884-85.

7704/84.

64/85

$\frac{6}{\text{Rw } 8720/84}$

$\frac{1}{\text{Rw } 7606/84}$

1168/83

* Here enter name work in full.

No. 792 Ed/ October 20. 1884

P. W. Dept.

847/59

To,

The Director General of Telegraphs.

Sir,

I am directed to invite attention to paragraph 4 of Pro: of this Govt in the P. W. Dept No. 1453 W d/ 10th June 1882, in which it is stated that the question of the extension of the telegraph line from Vayitri to Manantoddy "will be deferred for the present". I am to inquire whether, in your opinion, the ~~matter~~ proposal may now be revived with advantage, and to request that you will be so good as to

+4

supply an approximate estimate of the cost of erecting and working the line.

17.10.84

despatched to Simla

20/10/84

G.O. 1453 W a/10.6.12

No 792 Ed/ Octr 20. 188

I.

The roofing is to be of mission tiles over corrugated iron. Do you understand how the mission tiles are to hold? Such tiles are held in place by catches resting against 1" reapers — but how & where are these reapers or battens to be fixed?

C.J.
4.12.84

P.B.D. Distance between purlins for 20 ft span is 6½ ft, for 15 ft span 4½ ft and for 18 ft span 6 ft nearly. BH

B.W.

I am of opinion that the reapers must be held or fixed in position by screws or bolts passing through the corrugated iron sheets below and the reapers above — In the case of the screws the tops of the screws must be below the sheets so as to work upwards — the tops of the bolts must be flush with the tile surface of the reapers and the nuts underneath the sheets. A section of reaper 1"x1" would be ample. BH 5/12

Public Works Department, 1884-85.

84/60

Current No. 5509

Letter No. Rev. No. 5015

Dated the 14th November /84

From the Rev. Department.

NOTE OF REMARKS.

The accompanying plans and estimate provide for constructing a 1st class taluq cutcherry, with out-offices, at Mananthoddy, in the Malabar District. The estimate amounts to Rs. 52800.— *Vide* G.O. No. 581 W. of the 3rd March 1884, and G.O. No. 1213 W. of the 13th May/84.

2. The plans and estimate have been prepared with care, and the result is satisfactory.

3. The design for the main building is based on the standard designs for a 1st class taluq cutcherry circulated with G.O. No. 3552 of the 18th Nov./67, and G.O. No. 1366 of the 22nd May/74.

45

In the present instance the deviations from the standard design are many, but they have been well effected and appear to suit the requirements of the case — Subject to approval, the proposed alterations, at least so far as they affect the roof, may well be termed improvements — No provision has been made for a post-office as that office is now well located in a separate building.

4. The roofing of the main building and ryots' shed and cookhouse is to consist of mission tiles resting on corrugated iron sheets which are to be supported on purlins and trusses. Tiles are not provided for the roofing of the latrines.

5. Would it not be well

to cover the exposed gable ends in the front with some ornamental plastering, and also to place borders round the outer faces of doors and windows? — Some ornamental woodwork may also be introduced between the posts. — Probably, however, these minor details will be attended to when the cutcherry is being erected. — It must be noticed that no provision has been made for arm-racks — Vide G.O. 803 W of the 27th March 1882.

6. The plans and estimates have been countersigned by the Ag. Sub Collector of the District.

26th Nov./84
BH

C/.

P. W. Deptt.

847/62

No 2073 Ca/ 15th December /84

Memo.

Proceedings of the Board of Rev. No 10358 Mis. d/ 5th Novr /84

Endorsement of the Rev. Deptt. No 5065 Mis d/ 14th Novr /84.

C. Nos 10165 & 9599 (transferring Proc: of the Board of Revenue submitting for sanction plans & estimates for Rs 12,800 for constructing a first class Taluk Cutcherry &c at Manantoddy, Malabar Distt.) —

Referred back to the Revenue Department for consideration whether Vayitri, or some other place in Wynaad, would not be more suitable for the construction of a taluk cutcherry, having in view the decaying state of Manantoddy as disclosed in the accompanying copy of a letter from the Director General of

of Telegraphs No. 4195
dated 1st December 1884.

C.W.
12.12.84

12.12.84

G.O. 1213 W. d/ 13-5-84
No. 697 D d/ 9-4-84
G.O. 581 W d/ 3-4-84
" 803 W d/ 27-3-82

Tor C No. 10683 d/ 24-12-84

No. 2073 Da/ 15

To

The Revenue Deptt with papers in original

Despd. 15.12.84

No. 4195 847/63

8

FROM

THE DIRECTOR GENERAL OF TELEGRAPHS IN INDIA.

TO

THE SECRETARY TO THE GOVERNMENT OF Madras

Public Works Department

Calcutta, the 1st of December 1884.

Sir,

In reply to your letter No. 792 E of the 20th ultimo, I have the honor to inform you that a Telegraph Line could be constructed from Vayitri to Manantoddy and an office opened at the latter place for a limited guarantee of Rupees 2600/- a year.

2. Before, however, any expense is incurred on this extension, I have the honor to bring to the notice of the Madras Government the following quotation from a letter No. 824/2369 dated 15th November 1883 from the Post Master General Madras to the Deputy Director General of the

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Post office of India.

"The other proposal is an extension from
"Vayitri to Manantoddy of 30 or 32 miles in length"
"according as the line follows the Teriote or
"Kalpatta route of which I purposely postponed
"discussion until I could visit the locality and
"consult the leading planters of South and
"South East Wynaad, the consensus of whose
"opinion is that the scheme has not a leg to stand
"on owing to the complete decay of the Manantoddy
"District which leaf disease and Lantana have
"combined to ruin. 3 Planters remain out of 70
"in the Manantoddy District, and there are 2
"survivors near Teriote out of a once flourishing
"settlement. in fact the wild Elephant has
"resumed possession of the greater part of the
"tracts in question"

If this statement, as I must presume it

847/64

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it does, fairly represents the ruin and desolation that has fallen on the Manantoddy District, there can be no justification in going to a large expense for the purpose of providing it with a Telegraph

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

A. J. Lepper Captn
Director General of Telegraphs
in India

394

149

No. 1453 Wd/10.6.82
" 792 Ed/20.10.84

7 DEC 84
P.W. DEPARTMENT

64/55

Jn No 894/87/88

Circ 13/12 [illegible] 18/12

P. W. 1884 DEPARTMENT.

No. 10165

From

The Director General of Telegraphs in India

No. 419G
Dated 1st December 1884
Recd. 8th " "

SUBJECT.

Regarding the proposal to abandon the extension of the telegraph line from Vayitri to Manantoddy

Disposal.

[illegible]

Referred to the Rev. Dept with advertence to remarks by His Excellency the Governor

Sd/ J. Shaw Stewart
Col R.E.
Secy to Govt P.W.D.

Despd 20-12-84

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10

847/bd

P. W. Department,

Proceedings of the Madras Government,

Under date the

Read the following:—

Letter from the Director General of Telegraphs in India … } S.E. No. 4195 d/ Dec^r 1. 1884

Communicate with the Revenue Dept & [illegible] of things are really so bad

MR

× not commd to this Deptt.

In the circumstances disclosed in the foregoing letter, and with advertence to para: 4 of G.O. No. ~~1458~~ 1453 W.× / 10^th June 1882, the Govt. resolve to abandon the proposal to extend the telegraph line from Vayitri to Manantoddy.

To,

The Director Genl of Tels:

" S.E. IV Circle

" Supdt of Tels: Malabar Coast Dn

" Public Dept

CW
12.12

12.12.84

57

Cu

847 W

18 DEC 84

No: 2105 C of 19 Dec/84

Referred to the Reve
Department with adverten
to remarks by His Ex
cellency the Governor

Colonel R.E.
18.12.84
Secy to Govt P.W.D.

R 18/12

27/12

Read the following papers –

BOARD OF REVENUE, 27TH FEBRUARY 1885, No. 679.

847/67

G.O. of 25th March 85, No 1583, Revenue

PROCEEDINGS OF THE BOARD OF REVENUE.

READ—the following Proceedings of the Board of Revenue, dated 5th November 1884, Mis. No. 10358:—

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, to the Collector of Malabar, dated 10th October 1884, No. 338-M:—

With reference to your letter, No. 4013, of 29th August 1884, I have the honor to forward, for transmission to Government for sanction, two plans and two estimates, amounting to Rs. 62,800, for constructing a first-class Taluk Cutcherry, Sub-Jail, Sub-Registrar's office and out-houses at Manantoddy, together with an abstract estimate, report and specification.

2 Plans.	1 Report.
2 Estimates.	1 Specification.
1 Abstract estimate.	

Endorsement by V. BRODIE, Esq., Acting Sub-Collector in charge Collector's Office, dated Calicut, 21st October 1884, No. 4742.

True copy submitted (with enclosures) for the early sanction of the Board and Government, with reference to G.O., dated 3rd March 1884, No. 581 W, Public Works Department.

Resolution—dated 5th November 1884, Mis. No. 10358.

Submitted for the sanction of Government.

(A true Copy and Extract.)

(Signed) E. GIBSON,
Secretary.

To the Secretary to Government, Revenue Department,
with letter and enclosure in original.
Copy to the Collector of Malabar.

Mis. No. 5065, Revenue.

Transferred to the Public Works Department.

FORT ST. GEORGE,
14th November 1884.

(Signed) H. E. STOKES,
Secretary to Government.

Memorandum, No. 2073-C.

Referred back to the Revenue Department for consideration whether Vayitri, or some other place in Wynaad, would not be more suitable for the construction of a taluk cutcherry, having in view the decaying state of Manantoddy, as disclosed in the accompanying copy of a letter from the Director-General of Telegraphs, No. 4195, dated 1st December 1884.

CHEPAUK,
15th December 1884.

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

To the Revenue Department, with papers in original.

ENCLOSURE No. 1.

From A. J. L. CAPPEL, Esq., Director-General of Telegraphs in India, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 1st December 1884, No. 4195.

In reply to your letter, No. 792-E, of the 20th ultimo, I have the honor to inform you that a telegraph line could be constructed from Vayitri to Manantoddy and an office opened at the latter place for a limited guarantee of Rs. 2,600 a year.

2. Before, however, any expense is incurred on this extension, I have the honor to bring to the notice of the Madras Government the following quotation from a letter, No. 824—2369, dated 15th November 1883, from the Postmaster-General, Madras, to the Deputy Director-General of the Post Office of India:—

"The other proposal is an extension from Vayitri to Manantoddy of 30 or 32 miles in length according as the line follows the Teriote or Kalpatte route, of which I purposely postponed discussion until I could visit the locality and consult the leading planters of South and South-East Wynaad, the consensus of whose opinion is that the scheme has not a leg to stand on, owing to the complete decay of the Manantoddy District which leaf-disease and Lantanar have combined to ruin. Three planters remain out of seventy in the Manantoddy District, and there are two survivors near Teriote out of a once flourishing settlement; in fact, the wild elephant has resumed possession of the greater part of the tracts in question."

If this statement—as I must presume it does—fairly represents the ruin and desolation that has fallen on the Manantoddy District, there can be no justification in going to a large expense for the purpose of providing it with a telegraph.

Mis. No. 37, Revenue.

Referred to the Board of Revenue for report.

FORT ST. GEORGE,
7th January 1885.

(Signed) H. E. STOKES,
[illegible] Governmen

Reference on the above, dated 10th January 1885.

Referred for report to the Collector of Malabar.

(Signed) E. GIBSON,
Secretary.

To the Collector of Malabar, with papers in original, to be returned.

READ—the following letter from W. LOGAN, Esq., Collector of Malabar, to the Secretary to the Board of Revenue, dated Malapuram, 14th February 1885, No. 577:—

With reference to the Board's Proceedings,* dated 10th ultimo, regarding Government Register No. 64 of 1885, I have the honor to report, that while it would be a manifest exaggeration to say of the North Wynaad Coffee District that "in fact the wild elephant has resumed possession of the greater part of the tracts in question," it, at the same time, cannot be denied that the district has somehow or other lost—perhaps only temporarily—its attractions for European planters, and that where there was once a flourishing colony of European planters, there remain now barely half-a-dozen gentlemen engaged in the industry.

* Original papers herewith returned.

2. The reason of this is somewhat difficult to state in a concrete form, but the following facts are well known to me:—

(*a*) In 1866 occurred the first blow the coffee industry received in the commercial crisis and extensive failures among Bombay capitalists. This financial crisis affected South and South-East Wynaad, then rising into importance as coffee centres, much less than North Wynaad.

(*b*) Following on this, came the borer pest. Funds having failed, the coffee trees received less manure and the borer came in to complete their ruin.

(*c*) But this pest wasless felt than the next disease which ravaged the trees, viz., *Hemileia vastatrix*, a microscopic fungus, whose ravages are best known as the "coffee leaf disease." This disease still continues its ravages. The origin and nature of the disease were fully disclosed in the exhaustive experiments made by the Ceylon Government. No practical remedy has been discovered, and planters (who can afford it) seek merely to keep their trees in good heart, and trust to the energy of the trees to throw out fresh crops of leaves in place of those smitten with the fungus.

(*d*) But all planters cannot afford to do this, for the high prices which prevailed at the time when the disease first attracted attention, and for some years afterwards, have given way of late years to prices which, though perhaps fairly remunerative if the industry were in a flourishing condition, do not under present circumstances leave much margin of profit to the planters.

3. The large abandonments of land taken up for coffee were brought by me to the Board's notice so long ago as 1877: see Board's Proceedings, Nos. 3364, 4495 and 5031, dated 19th July, 20th September and 19th November 1877, respectively. The high prices obtained for their produce kept the industry afloat for some years after this, but of late there can be no doubt there has been a crisis, and the industry is at present everywhere, and not merely in North Wynaad, in a very depressed state. Abandonments of land under crop have been more extensive than they were formerly, and much of the land has reverted to jungle in the shape of lantana scrub.

4. Then again, in former years, the fashion among planters was to open land on the edge of the ghâts in heavy forest. These are being gradually abandoned, and the land most in request now is land lying well back from the edge of the ghâts. Nobody would a few years ago look at land lying about Sultan's Battery, but that is now where land is being most diligently opened up.

5. Coffee cultivation as pursued hitherto is not a permanent cultivation. The life of an estate depends much on many points into which it is needless for me to enter here, and if the industry is to be kept alive, it would seem that a large reserve of fresh land is required for the purpose of being opened up as the old lands pass out of cultivation. North Wynaad has probably a larger reserve of such fresh land than either South or South-East Wynaad, and I should not be surprised to see European planters again taking up land there. It is very much, it seems to me, a question of fashion. As soon as some one sets the example, others follow. It is possible also that it may hereafter turn out to be a remunerative speculation to re-open lands which have already been abandoned.

6. The crisis through which their industry is now passing has, however, taught the planters many valuable lessons, and the indiscriminate way in which land wholly unsuited for coffee cultivation was opened up is not likely to be much practised in future.

7. As matter of fact, in regard to European planting enterprise, North Wynaad is at present in a very backward state. How long it will remain so, it would be unwise to prophesy.

8. But I may in conclusion bring to notice that it does not follow that, though nearly deserted by European planters, it is in a backward state as regards native cultivation. I am unable to give figures, because the census of 1881 has not supplied figures for villages as in 1871, and no comparison can be made; but I fully believe the native population is increasing in these parts.

9. And I am clearly of opinion it would be a mistake to alter the taluk head-quarters merely because North Wynaad is not in fashion at present as a planting district with Europeans. Manantoddy is still by far the most considerable place in the taluk, and it would be a mistake to move the Tahsildar to Vayitri.

RESOLUTION—dated 27th February 1885, No. 679.

Submitted to Government, with reference to G.O., Mis. No. 37, dated 7th January 1885, Revenue Department.

2. The Board agree with the Collector in the opinion that sufficient ground is not shown for the abandonment of Manantoddy as a site for the new Taluk Cutcherry.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

To the Secretary to Government, Revenue Department
with original papers returned.
Copy to the Collector of Malabar.

Exd. A. Raitt.

847/69

REVENUE DEPARTMENT.

1885.

Board of Revenue,

MADRAS

Printed March 9th.

Proceedings, 27th February 1885, No. 679.

Agreeing with the Collector of Malabar in the opinion that sufficient ground is not shown for the abandonment of Manantoddy as a site for the new *Taluk Cutcherry.*

847/70

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read Proceedings* of the Board of Revenue dated 27th Febry. 1885, No. 679.

*Copy attached.

Order thereon, 25th March 1885, No. 1583.

Transferred to the Public Works Department with reference to that Department endorsements dated 15th and 19th December 1884, Nos. 2073 and 2105 C, with an expression of concurrence in the opinion given by the Collector and the Board of Revenue on the subject of Manantoddy being retained as the taluk head-quarters. It does not appear, however, that this taluk in its present declining state requires a Cutcherry costing as much as Rs. 62,800, and it is requested that an estimate to put the present building in repair with such improvements as will suffice to meet actual requirements, may be called for.

2. The

2 The Board do not refer to the proposal to construct a telegraph line from Vayitri to Manantoddy; but in the opinion of Government in the Revenue Department, such importance as the latter locality still retains is not sufficient to justify the measure.

(True Extract.)

Ag. Under-Secretary
for Secy. to Govt.

27 MAR 85

G.O. 1453 W d/ 10-6-82
Rt. 2105. C d/ 19-12-84
" 792 E d/ 20-10-84
" 2073. C d/ 15-12-84
G.O. 581. W d/ 3-3-84
" 803. W d/ 27-3-82
No. 697. D d/ 9-4-84
" 384. C d/ 25-2-85
" 2029. C d/ 9-12-84

To the P.W. Deptt.
with 2 origl. papers sent
" " Board of Revenue.

Cir: 30/3/85.

No. 847. W

847/71

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 7th April/85.

READ the following

Procgs of the Bd of Rev: (Hé No: 679 d/ 27th Feby/85)
Procgs: of the Rev Deptt: (" " 1583 d/ 25th March/85)

p 80

Communicated to the Supdg Engineer IV Circle, who will submit an estimate for improving the existing taluk cutchery at Manantoddy in the manner ordered in the Revenue Deptt.

2. In the circumstances disclosed in the foregoing correspondence, and with advertence to

847

~~To the Hon'ble H.S. Sullivan~~

~~His Exy the Governor~~

Para 4 of G.O. No: 1453W dated 10th June 1882, the Government resolve to abandon the proposal to extend the telegraph line from Vayitri to Manantoddy.

C.W.
30.3.85

W.S.
30.3.85

B W
7/4

Dd 1
17/4/85

S.E. IV Circle ✓
Rev Deptt ✓
Pub Deptt ✓
Deputy Genl of Telegraphs
Supdt of Telegraphs
West Coast Divn.

847/22

2862

Gobt. of (1885) Madras.

PUBLIC WORKS.

10/4/85

Dated

Recd. Encl.

G.O., 7 Oct 1885, No. 1495

Taluq Cutcherry at Ootacamund

Orders ~~[illegible]~~ ~~[illegible]~~ calling for better site and improvements of the existing building

[illegible]

[illegible]

[illegible] Ootacamund