10/2 86 OBR
2008

(1) பக்கங்களின் எண்ணிக்கை 108

(2) புதுக்கித் திருப்பிய நாள்

(3) ஆதாரங் குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணி துறை

அச்சகம்
பலவகை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1265 W

நாள் : 2-5-1840 199 .

ா கண்டபடி கையாளவோ கூடாது.

1—18,006—6-9-90.

செப்பனிடுபவர் பெயர் அ. பாண்டு
செப்பனிடுவதற்காக எடுத்துக் கொள்ளப்பட்ட நாள் [illegible] 95
செப்பனிட்டு முடித்த நாள் [illegible] 95
சரிபார்த்து
ரூ. பா. 30/12/95 [illegible]
கையொப்பம் [illegible]

1265/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—again the following papers :—

G.O., dated 9th February 1889, No. 367 W., Public Works.

Read—the following Proceedings of the Board of Revenue (Land Revenue), dated 9th January 1889, Mis. No. 73 :—

H. S. Thomas, Esq., f.l.s., f.z.s.

Read—the following letter from J. W. MARTIN, Esq., Superintending Engineer, IV Circle, to the Collector of Salem, dated Coimbatore, 17th November 1888, No. 408-M. :—

I have the honor to forward, for transmission to Government for sanction and provision of funds, plans and estimates, amounting to Rs. 1,210, for alterations and improvements to the Huzur Treasury at Salem.

2. The estimate has been prepared at your request to the Executive Engineer, Coimbatore division.

Reference No. 3259-Eng.

Submitted to the Secretary to Government, Revenue Department, through the Secretary to the Commissioners of Land Revenue, with reference to para. 988 of the Public Works Code.

(Signed) G. MacWATTERS,
Collector.

24th November 1888.

Read—also the following Board's Reference, dated 5th December 1888, on the above.

The plans received with the foregoing letter are returned to the Collector for countersignature with reference to section 988 of the Public Works Code.

2. The Collector is also requested to state why the necessity for the additional accommodation and the iron door now proposed was not foreseen when the building was designed in 1886 and who is responsible for the faulty construction of the roof.

Read—also the following letter from the Collector of Salem, dated 11th December 1888, No. 3261.

In reply to the Board's Reference on General Register No. 3943, dated 5th December 1888, I have the honor to state that the design of the new treasury room was, I believe, the then Superintending Engineer's, and he proposed only to make it large enough for the cash-chests. The Public Works Department is responsible for the faulty workmanship.

2. As alterations are absolutely necessary it will be better to enlarge the room so as to hold the stamp almirahs too.

3. The plans are signed and returned.

Resolution—dated 9th January 1889, Mis. No. 73.

The plans and estimates, amounting to Rs. 1,210, for carrying out certain alterations and repairs to the Huzur Treasury at Salem are submitted for the sanction of Government and provision of funds in the Public Works budget.

2. The alterations and repairs consist in extending the present treasury room so as to afford more accommodation for holding stamp almirahs, and also in dismantling the present verandah roofing where necessary and rebuilding it more substantially.

3. The building was sanctioned in 1886 and finished in March 1887, and should not require repairs so soon; the responsibility for the faulty construction is said to rest with the Public Works Department.

(True Copies and Extract.)

(Signed) H. A. SIM,
Ag. Secretary.

No. 525, Revenue.

Approved and transferred to the Public Works Department whose attention is drawn to para. 3 of the Proceedings.

FORT ST. GEORGE,
28th January 1889.

(Signed) C. A. GALTON,
Secretary to Government.

Order—dated 9th February 1889, No. 367 W., Public Works.

The estimate is returned to the Superintending Engineer, IV Circle, for sanction and execution from the Minor Works grant to the Coimbatore division, which, if necessary, will be supplemented on application by the Superintending Engineer.

2. The Superintending Engineer will report the names of the officers and subordinates responsible for the defective construction of the verandah roof.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

READ—also the following papers:—

From Lieutenant-Colonel A. C. SMITH, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Sámalpati, 26th February 1889, No. 98 E.W.

Adverting to the concluding paragraph of G.O., No. 367 W. of 9th instant, directing to report the names of officers and subordinates responsible for the defective construction of the verandah roof of the new treasury attached to the Collector's office at Salem, I have the honor to state that the work was supervised by the following officers, and the period of incumbency of each is noted opposite his name:—

Names.	From	To
Engineers.		
Captain O. V. Boddy, R.E., Executive Engineer ...	October 1886 ...	February 1887.
Mr. Subbarayachariar, Executive Engineer ...	March	1887.
Mr. A. T. Mackenzie, do.	October 1886 ...	March 1887
	(*i.e.*, from the commencement till the completion of the work.)	
Upper Subordinates.		
A. Murugesa Mudaliar, Supervisor	October 1886 ...	November 1886.
N. Nadamuni Mudaliar, do.	November „ ...	December „
C. Masilamony Mudaliar, Overseer	December „ ...	March 1887."

1265/2

2. In his No. 553 of 21st August 1888, the then Superintending Engineer, Colonel Drake-Brockman, called upon Overseer Masilamony Mudaliar, the last named subordinate in the above list, to report his reasons for having, in the construction of the verandah in question, departed from the standard specification, which requires that the wall-plates should be bolted to the outside of the wall for the rafters to rest upon.

3. The Overseer's explanation was duly received and recorded in this office by Colonel Drake-Brockman. The document is herewith forwarded for your information.

4. I enclose the original sanctioned plan and report or specification, from which you will see that the Overseer is correct in his statement, and apparently the building was constructed in strict accordance with the sanctioned plan and estimate.

5. I imagine the Overseer was called upon to report on the matter, as the officer Mr. Mackenzie, who was apparently in charge of the work when the verandah was constructed, had left the circle before August 1888.

Memorandum to the Revenue Department, dated 5th March 1889, No. 1101 C.

G.O., dated 23rd March 1889, No. 1876, Revenue.

Memorandum to the Revenue Department, dated 13th February 1890, No. 820 C.

From Major O. V. BODDY, R.E., Executive Engineer, Buckingham Canal Division, to the Superintending Engineer, II Circle, dated Madras, 4th March 1890, No. 2028.

With reference to your endorsement No. 376 B.C., dated 19th February 1890 (returned herewith with 9 enclosures), on Chief Engineer's letter No. 820 C., dated 13th February 1890, calling for explanation of faulty construction of the verandah roof of the terraced treasury room for the Huzur Treasury at Salem, I have the honor to inform you that the room in question was not built on any standard design, but was designed to meet the then requirements of the Collector. The wall-plates were designed and estimated for in the manner that was usual for buildings of that description. The report specified that the work was to be carried out in accordance with the instructions contained in the standard specification, and I cannot find anything in the copy in this office that the wall-plates should be bolted to the outside of the wall. What happened to the roof I cannot find out from the papers sent to me with your endorsement, but the then Collector of Salem, Mr. G. MacWatters, has informed me that practically no harm or damage happened to the roof, but that it was pointed out to him that the notches cut in the verandah rafters did not rest on the wall-plates as they should have done.

2. I remember examining the work on several occasions, but I am nearly certain that I did not see the building after it was roofed.

No. 409 B.C.

Submitted to the Chief Engineer, Public Works Department, with reference to his memorandum No. 820 C. of the 13th February 1890, the enclosures of which are herewith returned.

11th March 1890.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

Letter from Superintending Engineer, IV Circle, dated 20th March 1890, No. 119 E.W.

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 17th April 1890, No. 147 E.W.

With reference to your memorandum, dated 25th ultimo, No. 1628 C., *in re* Huzur Treasury room, Salem, I have the honor to submit copy of letter No. 1686 of 11th instant from the Executive Engineer, Coimbatore Division, and to observe that the excess is Rs. 60 and in any case the back verandah would have had to come down. As the building has been constructed and handed over to the Collector, it is impossible for me to say from inspection if the leak was due to faulty construction.

2. It was your opinion when Superintending Engineer of this Circle that the construction was faulty—*vide* extract from your notes of inspection under date 18th July 1888.

Enclosure.

From J. W. MARTIN, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, IV Circle, dated Coimbatore, 11th April 1890, No. 1686.

In reply to your endorsement No. 218-C.I., dated 28th March 1890, in the matter of the Huzur Treasury room, Salem, I have the honor to report that the extra expense involved in providing a wall-plate supported on brackets is Rs. 60.

2. With regard to the back verandah, it was necessary in any case to remove the roof, for the best way to enlarge the treasury room was to extend it behind.

3. Regarding the instructions to you to inspect the building and give your opinion, I may inform you that the alterations to the roof of the verandah and the enlarging of the treasury room are completed, and the building has been given over to the Collector.

4. With reference to the remarks about the roof of the verandah made in para. 4 of my report, the building was completed before I joined the division, but the defect was brought to my notice when I inspected it with the Superintending Engineer on 18th July 1888. I am forwarding herewith an extract from his inspection notes for that month, from which you will observe that he was of opinion the wall-plate should have been placed on the outside of the wall, and that the leaks complained of were due to cracks resulting from the way the roof was constructed, that is, the omission to provide for the rafters to rest on a wall-plate outside the wall instead of inside.

Order—dated 2nd May 1890, No. 1265 W., Public Works.

Major Boddy's explanation regarding the construction of the verandah roof of a portion of the Huzur Treasury at Salem is accepted, but it would have been a better arrangement to have provided brackets to carry the wall-plate on which the verandah rafters were to rest. It is observed that in any case the back verandah of the treasury room must have been taken down to lengthen the room, and that if brackets had been provided in the original estimate sanctioned in G.O., No. 430 W. of 22nd February 1886, a saving of 60 rupees only would have been effected in the estimate of Rs. 1,210, which in G.O., No. 367 W. of 9th February 1889 was forwarded to the Superintending Engineer, IV Circle, for sanction. It is also noted that the building has been completed and handed over to the Collector of Salem.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineers, II and IV Circles.
,, Revenue Department.

Exd. J. Moses.
Spare Copies

1265/3

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 2nd.

Recd. En

G.O., 2nd May 1890, No. 1265 W.

MAY.

Huzur Treasury at Salem

Explanation of Major Boddy, R.E., regarding construction of the verandah roof of a portion of the —, accepted with remarks,

Print

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1265/12

1265/12 READ the following

Proceedings of the Board of Rev: (Land Rev) dt 9.1.89 No. 73 Mis.

H. S. Thomas Esqre F.L.S. F.Z.S.

Read the follg letter from the S.E. IV Circle No. 408 M dt 17.11.88 to the Collector of Salem:—

I have the honor to forward for transmission to Govt for sanction and provision of funds plans and estimates amounting to Rs 1210 for alterations and improvements to the Huzur Treasury at Salem.

2. The estimate has been prepared at your request to the Ex: Engineer Coimbatore Division.—

Endorsement thereon by the Collector of Nellore Refce No. 3259 dt 24.11.88:—

Submitted to the Secretary to Govt Revenue department through the

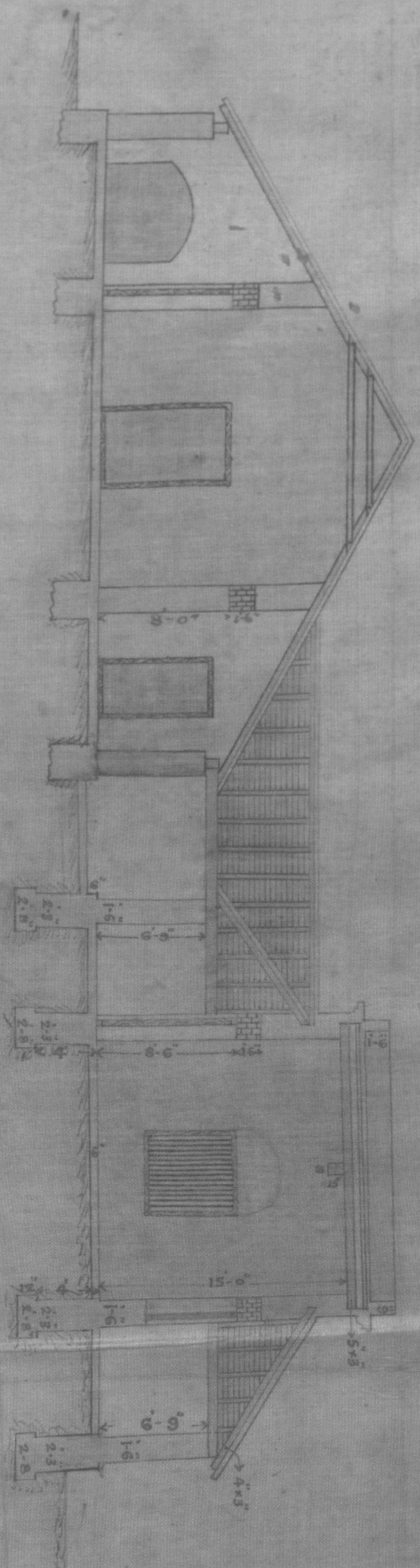
IV Circle.

Salem District

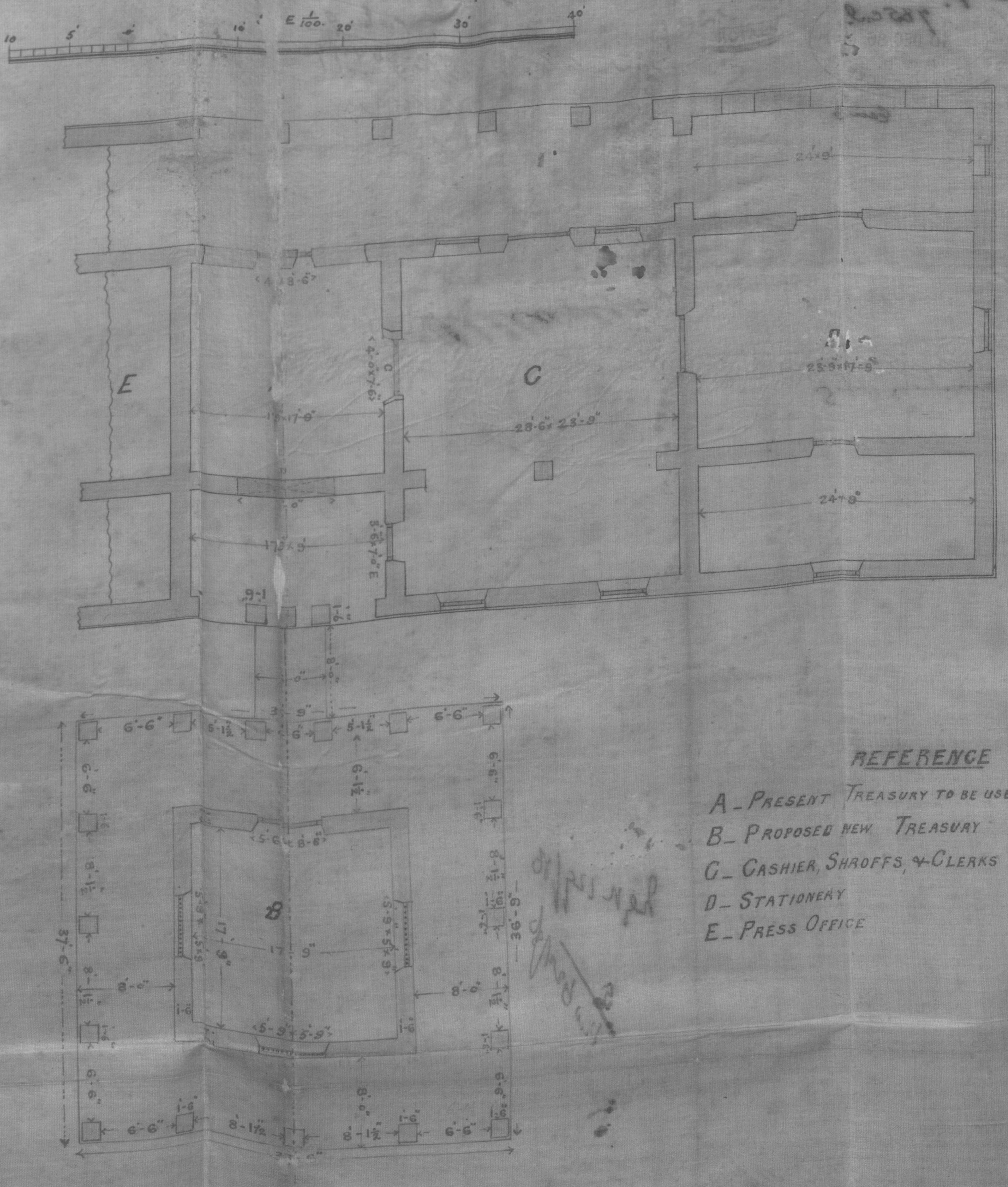
PLAN

OF

PROPOSED ADDITION TO HUZUR TREASURY.



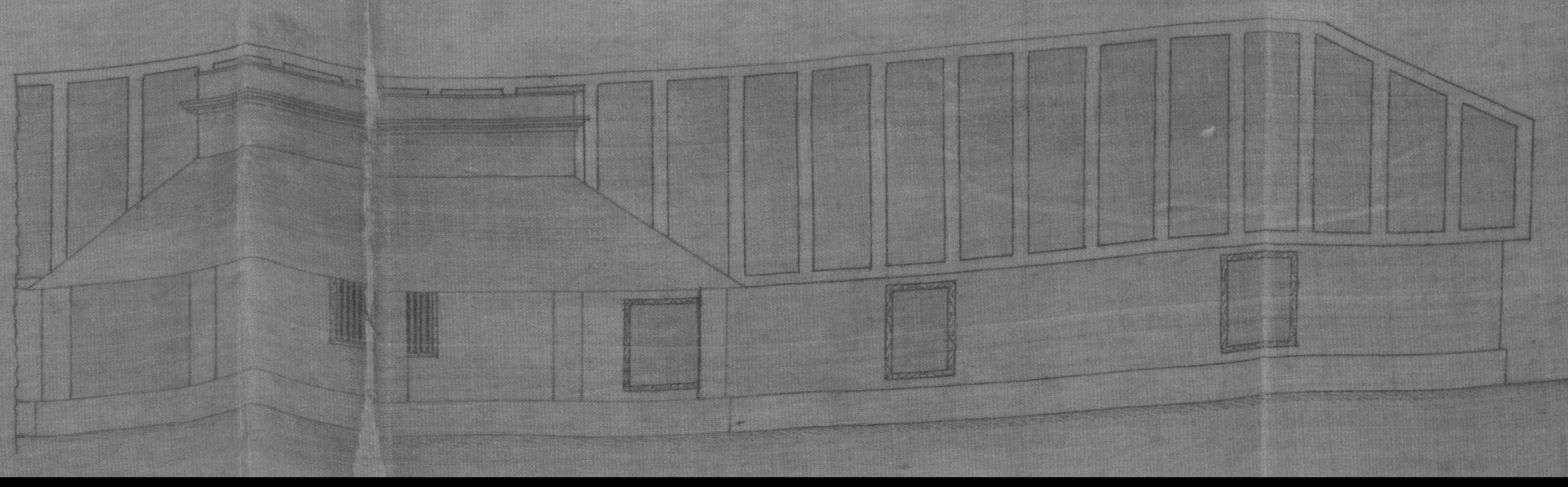
CROSS SECTION ON A.B.

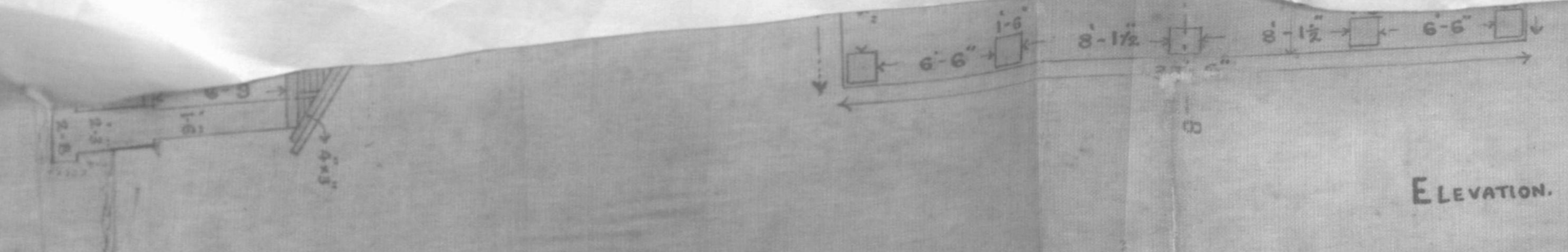


REFERENCE

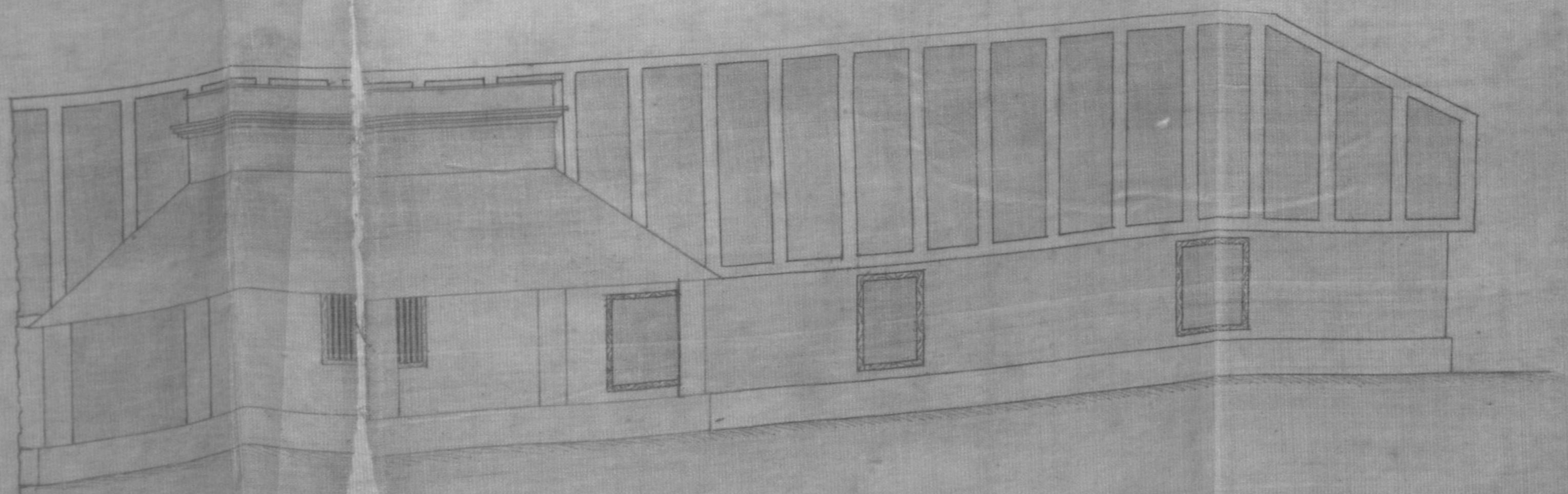
A _ Present Treasury to be used as a Guard Room
B _ Proposed new Treasury
C _ Cashier, Shroffs, & Clerks
D _ Stationery
E _ Press Office

ELEVATION.





ELEVATION.



J. Beatty – Col. R.E.
Supdg: Engineer 4th Circle

1265/8

1265/8

[illegible]
Collector

[illegible] Captain. R.E.
EXECUTIVE ENGINEER.

Coimbatore Divisional Office.
19th [illegible] 1885.

IV Circl

IV Circl

Salem District.

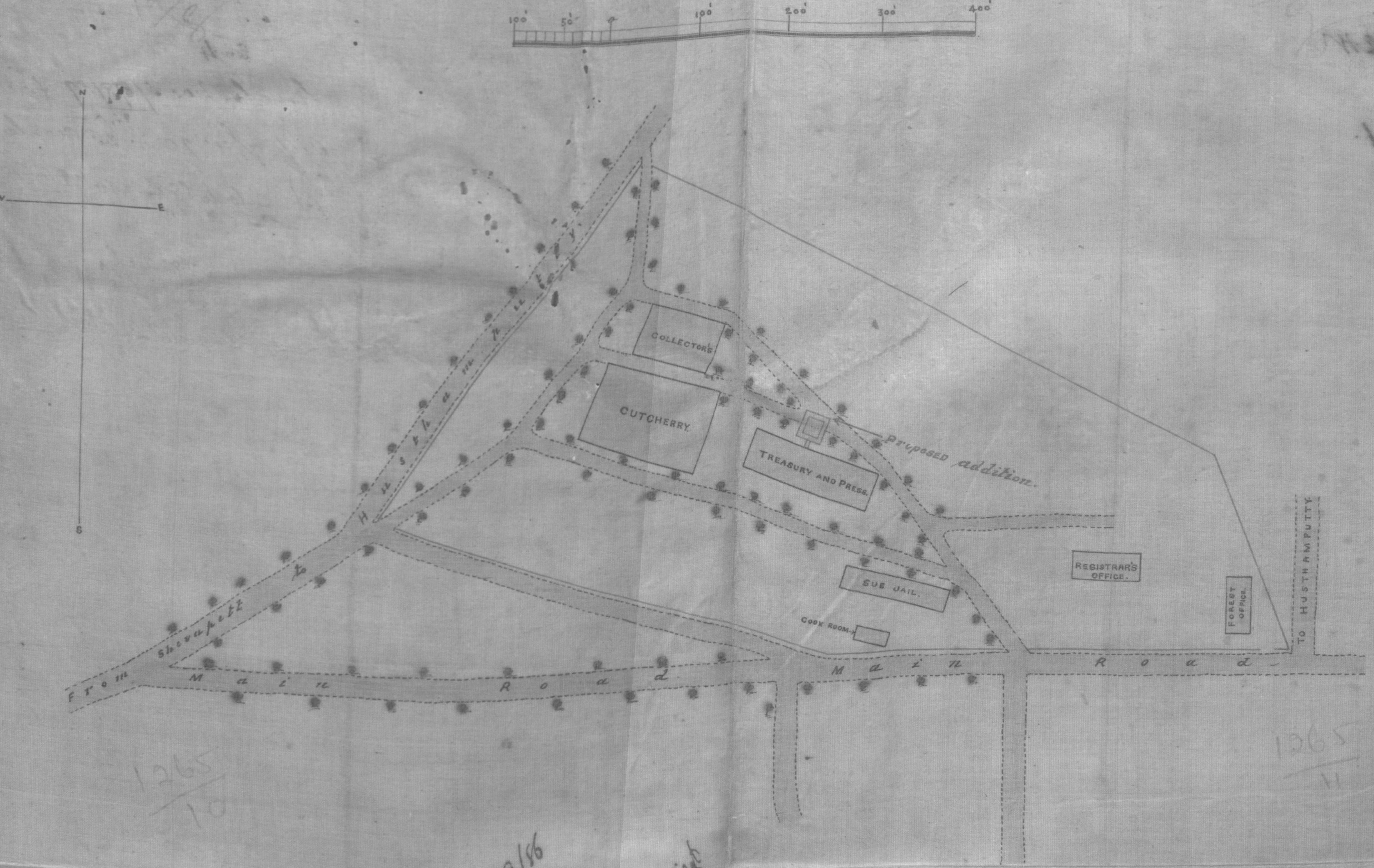
Salem Sub-Division.

SITE PLAN

Showing

Proposed additions to Huzur Treasury.

SCALE $\frac{1}{100}$.



1265/10

1265/11

:Signed: R. Kaliyanaraimier.
Supervisor G.R.H.
23 September 1885.

:Signed: H. E. Clerk
Sub-Divisional officer.

:TRUE COPY:

CAPTAIN. R.E.

EXECUTIVE ENGINEER.

Collector

Coimbatore Division Office
19th December 1885

9 : 10 : 85.

Secy: to the Commissioners of Land Revenue with refe[illegible] para 988 of the P.W. Code.

Read also the following Bd.'s Refce dated 5.12.88 on the [illegible]

The plans received [illegible] foregoing let[illegible] returned to [illegible] for countersignature [illegible] refere[illegible] section [illegible]88 of the P.W. Code.

[illegible] also requested [illegible] why [illegible] necessary for the addition [illegible] to a [illegible] the [illegible] door now proposed was not foreseen [illegible] was designed 1880 and [illegible] responsi[illegible] for the faulty construction of [illegible] roof.

Read also the follg: [illegible] Collector of Salem dt 11.12.88 [illegible] 3261

I [illegible] B[illegible] G. [illegible] dt 5.12.88, I [illegible] state the design of the [illegible]

was I believe the then Supdg Engineer's and he proposed only to make it large enough for the cash chests. The P.W. Dept is responsible for the faulty workmanship.

2. As alterations are absolutely necessary [illegible] will be better to enlarge the room so as to hold the stamp almirahs too.

3. The plans are signed and returned

Resolution

The plans and estimates amounting to Rs 1210 for carrying out certain alterations and repairs to the Huzur Treasury at Salem are submitted for the sanction of Govt and provision of funds in the P.W. budget.

2. The alterations and repair[illegible]

consist in extending the present Treasury room so as to afford more accommodation for holding stamp almirahs and also in dismantling the present verandah roofing where necessary and rebuilding it more substantially.

3. The building was sanctioned in 1886 and finished in March 1887 and should not require repairs so soon, the responsibility for the faulty construction is said to rest with the P.W.D.

Endorsement in the Revenue dept:

No 525 d/ 28.1.90:—

Approved and transferred to the P.W.D. whose attention is drawn to para 3 of the Proceedings.

1265/14

1265/14

Order thereon No 367W d/ 9.ii.89

The estimate is returned to the S.E. IV Circle for sanction and execution from the minor works grant to the Coimbatore division, which, if necessary, will be supplemented on application by the Supdg Engineer.

2. The S.E. will report the names of the officers and subordinates responsible for the defective construction of the verandah roof.

(True Extract)

(True Copy)

(Sig.) H. A. Mead. Col R.E.

Ag Secy to Govt, P.W.D

R. Pereira

Head Clerk, P.W. Secretariat

S.E. IV Circle with 5 enclos.
Rev dept.

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

P. W. D. Form
No. M 204

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Measurements in Feet. Number	Length	Breadth	Depth	Area or Contents.	Total Quantity description of Work.*
Excavation						
Verandah wall all round	1	141				
Covere[illegible] retaining wall	1	16	2	3	96	
Terraced room [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
~~Round~~	1			3		
Earth filling in basement of Room	1					
Verandah	1		[illegible]		[illegible]	
Covered way	1	[illegible]	6	1	48	
Total cft of earth						3277– 5/16
Brick in chunam						
Foundations						
Verandah wall	1	141	2		[illegible]	
Covered w	1	15	1[illegible]			
Main Room wall	1	[illegible]	[illegible]	1	[illegible]	
Total cft foundation Brick in ch						
Basement						
Verandah wall	1					
Covered way	1					
Main room wall	1	77	2¼			
Total cft Basement Brick in Chu						
Superstructure						
Verandah Pillars all ro	19	1/2	1/2			
Terrace room	1	7[illegible]			732½	
Parapet						
Blocking up two windows in present Treasury }	2	6	6			
		8½	1½			
Sides of a						

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Deductions						
Door	1	5 1/2	1 1/2	8 1/2	70 1/8	✓
Windows	3	5 3/4	1 1/2	5 3/4	148 25/32	✓
Arch work as per details below					92 1/4	
Total deductions					311-5/16	
Total Cft Superstructure less deductions						1930
Arch work						
Semicircular arch in old Treasury room	1	14	1 1/2	1 1/2	31 1/2	✓
Segmental arch over doors	3	7	1 1/2	1 1/2	47 1/4	
Over a new door in Old Treasury room	1	6	1 1/2	1 1/2	13 1/2	
Total Cft arch work						92
Cut Stone Work						
Under beam	2	1 1/2	1 1/2	1/2	2 1/4	
Total Cft cut stone work						2 1/4
Teak wood wrought & put up including wood ceiling						
Beam for terrace room	1	20 1/4	3/4 1 1/4	1 1/4 3/4	18 63/64	✓
Joists to do	13	10	1/4	5/12	13 13/24	✓
Wall plate under joists	1	40	1/4	1/4	2 1/2	✓
Do under verandah joists	1	86	1/4	1/3	7 1/6	
Breast summer for Verandah and covered way including over lapping	1	171	5-25"	7-50"	46 3/4	✓
Verandah rafters						
rear & sides	39	12	1/4	1/3	39	✓
Do front do	8	12	1/4	1/3	8	✓
Carried over					143	

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

1265/17

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 over					143	
Jack rafters	48	6	1/4	1/3	24	✓
Do to covered way	12	6	1/4	1/3	6	
Common rafters to do	10	8	1/4	1/3	6 1/3	
Jack rafter in old verandah	8	15 1/2	1/3	1/2	20 2/3	
Ridge to covered way	1	27	1/2	1/6	2 1/4	
Posts over breast summers to support ridge	2	6	1/4	1/4	3/4	
Struts	4	4	1/4	1/4	1	
Total Cft Teak wood wrought & put up including wood ceiling						204 1/4
Doors & Windows						
Door to old verandah in place of window blocked up	1	4 1/2	8 1/2	"	38 1/4	
Do in place of iron doors removed	1	4	7 1/2	"	30	
Do from Treasurer's room to covered way verandah	1	3 1/2	7	"	24 1/2	
Total Sft panelled door teak						92 3/4
Fixing iron door to new Treasury removed from old Treasury room and two windows					R:	5-0-0

ESTIMATE FORM.—Detail Measurements,

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity each description of Work
Window						
For new Treasury room of the Same kind as the one existing with iron fixtures bars &c. & teak frame &c. Complete	1	5 3/4	5 3/4	„	33 1/16	
Total Sft.						33 1/
Roofing						
Terrace	1	19	19	.	361	
Total Sft. Terrace roofing						361
Sloping terrace						
To verandah sides & rear	3	29	12	.	1044	
Do. front	2	13	12	.	312	
Total Sft. Sloping terrace						1356
Roofing with teak reepers flat & pot tiles						
Sides of Covered way	2	18	4	„	144	
Centre Do.	2	9	8	.	144	
Total Sft. Roofing with teak reepers & flat & pot tiles chunam borders &c. Complete						288
Dismantling roof						
of existing rear Verandah of Treasury	1	12	10	.	120	
Total Sft. dismantling roof						120
Cut Stone flooring 4" thick						
Treasury room	1	17 3/4	17 3/4	.	315 1/16	
Verandah front & rear	2	36	8	.	576	
Do. Sides	2	21	8	.	336	
Total Sft. flooring with Cut Stone 4" thick including pointing						1227

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

1265
18

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.
Flooring with 3" Concrete & plaster						
Covered way	1	8	6	„	48	
Total Sft. flooring 3" Concrete & plaster 2 Coats						48
Plastering 2 Coats						
Verandah Pillars all round	19	„	6	6 3/4	769 1/2	
Terrace room inside walls	4	11	15	„	1080	
Do. outside	4	20	16	.	1280	
Total Sft. plastering 2 Coats						3129 1/2
Cornice Work						
All round	1	84			84	
Total Rft. Cornice Work including plastering						84
Painting doors & windows with Carson's Oak colour						
Doors	1×2	4 1/2	8 1/2	„	76 1/2	
Do. in place of iron door removed	1×2	4	7 1/2	„	60	
Do. from Treasure room to Covered way. Verandah	1×2	3 1/2	7	„	49	
Total Sft. painting Carsons Oak colour						185 1/2

ESTIMATE FORM.—Detail Measurements.

Measurements

ESTIMATE FORM.—Abstract.

Quantity.			Rate.		
3277	Cft	Earthwork	3	8	11
604	"	Brick in Chunam foundations	15	" " 100 cft	90
2018	"	Do Basement	15	" "	
1930	"	Do Superstructure		"	308
92	"	Arch work	18	" " Do	17
24		Cut stone work	1	" " 1 cft	2
204	"	Teak wood wrought & put up including wood oiling	48	" Do	
93	Sft	Teak panelled door	[illegible]	" 1 sft	116
		Removing & refixing 1 Iron door and 2 windows			5
33	[illegible]	[illegible] fixture bars, teak frames &c			
361	"	Terrace roofing	22	" " 100 Do	79
1356	"	Sloping terrace do	15		203
288	"	Roofing with teak rafters flat and pot tiles and &c	18	" "	52
120	"	Dismantling roof			1
1227	"	Cut stone flooring thick with pointing	35	" " Do	429
4		[illegible] flooring &c including plastering			[illegible]
		Carried over			2584

Grand Total of Estimat

Station
Dated

Executive Engineer.

Refe[illegible] Madras P. W. D. Code.

Paras. 1074, 1075, 1086, 1087, 1091 to 1094, [illegible] & 1111 [illegible] 1114, 1130 and 1145 to 1147.

Circle—

Division—

ESTIMATE FORM.—Abstract.

(To accompany the Deta

of 188 -8 for *

ESTIMATE FORM.—Abstract.

Quantit		Description of Work.	Rate.	Per	Amount	
			Rs.		Rs.	
		Brought forward			25	
3129	Sft	Plastering 2 Coats	2 8	a 100 Sft	78	
84	Rft.	Cornice work with plaster	[illegible]		21	
185	Sft	Painting Carson's Oak color	2 8	a 100 Sft	5	
		Tota				2688
		Contingencies				65
		Superintendence				

Grand Total of Estima

Stati imbatore

Dated

O. Madley

Exec

REFERENCE TO MADRAS P. W. D. CODE.

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

Fourth

TE FO

of 188

Estimate No. —— of 188

~~Financial Head~~— Fund. Provincial.

~~Budge~~ Civil Buildings.

Departmental Head— Original Works

Main Head— Administration

of which the work forms part— Collector's Office [illegible]

Sec

Name of Work— Constructing a [illegible] at Salem

Amount of Estimate— Rupees 2820

To be carried out by—

REFERENCES.

Refer[illegible] No. 817C.J.

P. W. [illegible]
No. M 203.

172W

Enc 3.

Sub[illegible]

ENGINE[illegible]
No. 3/[illegible]
LA[illegible]
P.W.D.
COIMBATORE.

ESTIMATE FORM – Wrapper or Outer sheet.

Report to [illegible] [illegible]
estimate [illegible]ting
Constructing a ne[illegible] [illegible] [illegible] of the
Huzur Treasury

1. The present Treasury room [illegible]
Considered not qu[illegible] [illegible] Police
guard Cannot ha[illegible] [illegible] [illegible] upon
it, [illegible] obliged to stop at one end
of Verandah, [illegible] [illegible]
on the Trea[illegible] [illegible] from the
front.

2 Further [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]
Inside [illegible] [illegible]
does n[illegible] [illegible]
[illegible]ling [illegible]

3 [illegible] in
re[illegible] [illegible]
both [illegible]
The p[illegible]
guard [illegible]

4 [illegible] [illegible]
[illegible]nded [illegible]

Bengal [illegible] all the [illegible] sides.

[illegible]

the So [illegible]
which is stated to [illegible]
size, for the Custodes of Treasu[illegible]
The doo[illegible] windows
the [illegible]
in the new [illegible]
and strong.

An [illegible] 6

made [illegible] B. so that
ha[illegible] easy [illegible]
Treas[illegible]
[illegible]don

[illegible] to

the [illegible]
the [illegible]

[illegible] 1
E[illegible]

from flaws.

9 The follow[illegible] poi[illegible]
Carefully Carried out [illegible] the Construction
[illegible] terra [illegible]

1 The slope [illegible]
[illegible] centre to [illegible]
[illegible] will be [illegible]
of the joists, by means of battens
[illegible] beams, so as [illegible]
[illegible] thick [illegible] all
or

After the wood work [illegible]
fitted up providing the [illegible] slope
the [illegible] joists should be car=
=fully [illegible] by strong posts, [illegible]
to render [illegible]
[illegible] the terracing is being
[illegible]id. The [illegible] the joists,
[illegible]
[illegible] the bricks being [illegible]
Small [illegible]
[illegible] thickness of
3 inches
Edge [illegible]
Befo[illegible] laid
[illegible] the Concrete will be well
[illegible] allowed
for [illegible] than [illegible]

harden well before tiles are laid

Over the concrete well

of flat tiles am,

being well wetted, before 1/2 in

and the then be is h

coats of inc: 4

work polish

standard spec,

Com Executive

No. Coimbatore 30th Aug

Fr

To

the Off

of

Sir,

With

received on

No 53 of / C.I.

Engine ave

as per pl mate

to the

or of

on supplied midam

to

of

2 Neither mentioned,

work

wall-plates are to be fixed outside the wall by means of bolts, nor is there any provision for bolts to fix the wall-plates outside the wall made in the estimate.

3 The Sub-Division officer who was frequently inspecting the work while in progress even after the wall-plates were fixed was entirely satisfied with the way in which the work was done, and took no objection to the wall-plates being built into the wall, and in fact finally himself took measurements for payment.

I beg to remain &ca

(Signed) C. Masilomony
Overseer D.P.W.

No 1020.

Forwarded to the Executive Engineer with reference to his No 383 dated 24th August 1888.

(Signed) J. Mahony
1st September 1888. Sub Engineer

Copy

No 497

1265/24

Copy. Communicated to the Superintending Engineer 4th Circle with reference to his Memo No 553/c.I. dated 21st August 1888.

Coimbatore
4th September 1888 }

G B Lambert
Executive Engineer

From
The Executive Engineer
Coimbatore Dn

SUPG. ENGINEER'S OFFICE
No. 734 Cl.
5 SEP. 88
P.W.D.
FOURTH CIRCLE

$\frac{5+3}{1448}$
26

No 497
Dated 4th September 1888

Recds. 1/98/89 from S.E.
2nd
4th circle

[illegible]

Salem Collr's office
certain defects in
the — Submits
Overseer Masilamani
Mudr's explanation

Recorded

Recds

10/9/88

$\frac{126}{25}$

Enclosures 1—5 of
a letter No. 98/Ird of
26th February 1889
from the Supg. Engineer 4th Circle.

—

10/7/88

G.O. dated 9th July 1889, No. 367-W. P.W.
Read again the following papers:—

1 P

1265
29

Proceedings of the Board of Revenue

(Land Revenue).

Dated 9 January 1889.
No. ~~53~~ 73 Mis.

H. S. Thomas Esquire F.L.S. F.Z.S.

Read the following:—

Superintending Engineer's Office,
IV Circle.
No. 408/Ir
Coimbatore, 17 November 1888.

From,
J. W. Martin Esquire
Superintending Engineer, IV Circle.

To,
The Collector of Salem.

Sir,

I have the honor to forward for transmission to Government for sanction and provision of funds plans and estimates amounting to Rs 1210 for alterations and improvements to the Huzur Treasury at Salem.

2. The estimate has been prepared at your request to the Executive Engineer, Coimbatore Division.

I have &c.
(Signed) J. W. Martin
Supdg Engineer, IV Circle.

Endorsement

Endorsement. Ref. No. $\frac{3259}{\text{Eng}}$ of 24/11/88

Submitted to the Secretary to Government, Revenue Department through the Secretary to the Commissioners of Land Revenue with reference to para 988 of the Public Works Code.

(Signed) G. MacWatters.
Collector

Read also the following Board's Reference, dated 5 December 1888 on the above.

The plans received with the foregoing letter are returned to the Collector for countersignature with reference to Section 988 of the Public Works Code.

2. The Collector is also requested to state why the necessity for the additional accommodation and the iron door now proposed was not foreseen when the building was designed in 1886 and who is responsible for the faulty construction of the roof.

Read also the following letter from the Collector of Salem, dated 11 December 1888, No: 3261.

In reply to the Board's Reference General Register No: 3943, dated 5 December 1888, I have the honor to state that the design of the new Treasury room was I believe the then Superintending Engineer's and he proposed only to make it large enough for the cash chests. The Public Works Department is responsible for the faulty workmanship.

2. As alterations are absolutely necessary it will be better to enlarge the room so as to hold the stamp almirahs too.

3. The plans are signed and returned.

Resolution

The plans and estimates amounting to Rs 1210 for carrying out certain alterations and repairs to the Huzur Treasury at Salem are submitted for the sanction of Government and provision of funds in the Public Works budget.

2. The alterations and repairs consist in extending the present Treasury room so as to afford more accommodation for holding stamp almirahs and also in dismantling the present verandah roofing where necessary and rebuilding it more substantially.

3. The building was sanctioned in 1886 and finished in March 1887 and should not require

10/9/88

repairs so soon, the responsibility for the faulty construction is said to rest with the Public Works Department.

(True Copies & Extract)

Ag. Secretary.

To The Secretary to Government R.D. with 5 enclosures to be returned.

Copy to - Collector of Salem.

Xd. Ckd

10/9/88

(188

REVENUE DEPARTMENT.

SECRETARY TO GOVERNMENT
-1 FEB. 8
P.W. DEPARTMENT, MADRAS.

From

Dat

Recei

SUBJECT

Endors

Public Works Department.

Current No

Letter N

Dated 2

From the

REMARKS.

take under

consid

order

attention

Treasury

Clerk

not before

to carried out

may be

as follows

Station

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to

commission

Tw

may

a more

Substantial

In para 3 of the Resolution of the Board of Revenue it is remarked

That the building was sanctioned in 1886 and finished in 1887, and should not require repairs so soon, the responsibility for the faulty construction is said to rest with the Public Works Deptt:—

This remark is apparently based on the report submitted by the Supg Engr. in which it is stated that the Bungalow terrace has not been properly constructed as the wall plates are built in the wall instead of being supported outside on cut stone brackets resulting in a crack and consequent leakage all round the verandah at the junction of the roof with the wall.

1265/3P

It is now proposed to have the wall plate supported on cut stone brackets which will keep it clear of the wall.

The treasury room is to be extended to 27 × 17¾ which it is considered will be sufficiently large to meet all requirements.

The rates are fair—

The plan and Estimate have been countersigned by the Collector and approved by Govt. in the Revenue Deptt:—

There was no remark in para written below the Revenue order

4/2/89—

11/7/2

B/

No. 3670

PROCEEDINGS OF THE MADRAS GOVERNMENT.

G.O. do

UNDER date the 9 Feby

1265/32 5 P

READ the following

Proceedings of the Board of Revenue. H. E. No: 73 Mis: d/9th January 1889.
Endorsement by the Revenue Department. H. E. No: 525 d/28th January 1889

The estimate is returned to the Supdg. Engineer IV Circle for sanction and execution from the minor works grant to the Coimbatore Division, which, if necessary, will be supplemented on application by the Supdg. Engr.

2. The Supdg. Engineer will report the names of the officers and subordinates responsible for the defective construction of the verandah roof.

WCM
7.2.89

To The Supdg. Engr. IV Circle with 5 enclos.
" Revenue Department

2 11/2

11/7/2

Copy of memo: by the P.W.D. Madras
No. 1101 C d/ 5. iii. 89 to the Revenue d

With reference to para 2 of G.O. No. 367W d/ 9. ii. 89, the undersigned has the honor to state that from a report received from the Supdg Engineer, it appears that the design and details of the Verandah roof of the Salem Collector's Treasury were not as they should have been, and that the officers responsible for the faulty work are Colonel Beatty R.E. who has left the department, and Capt Boddy R.E. who is now in England on furlough.

2. Before any orders can be passed, it will be necessa

to obtain Capt. Boddy's explanation, and this will be done on his return to duty in December next.

(True copy)

B. Pereira

Head Clerk, P.W. Secretariat

1265 W

8/351 P.C./90

8/378

Print

Supg. Engineer's office, 4th Circle,

No. 98/4W Camp Samalpatti 26th February 1889.

1265/34

1265/39

From,

Lt. Colonel A. C. Smith R.E.,

Supg. Engineer, 4th Circle,

To,

The Chief Engineer,

P. W. Department.

Sir,

Enclosures 5.

2 Plans
1 Estimate
1 Report
1 Letter from Overseer, No. 57/30-8-88 bearing the E.E.'s Endorsement No. 497/4-9-88.

Adverting to the concluding paragraph of G.O., No. 367 W of 9th instant directing to report the names of officers and subordinates responsible for the defective construction of the verandah roof of the new Treasury attached to the Collector's office at Salem, I have the honor to state that the work was supervised by the following officers and the period of incumbency of each is noted opposite his name.

Names	From	To.
Engineers		
Captn. C. V. Boddy R.E., Exe. Engineer	Oct. 1886	Feb. 1887

Mr.

of

[illegible] rch. [illegible]

[illegible]

Upp[illegible] sub[illegible]

[illegible] esa Inud[illegible]

[illegible] asila [illegible] Inud[illegible]

2. In [illegible]

the [illegible]

[illegible]

Mas[illegible]

[illegible]

3. [illegible]

Brockm[illegible]

The doc[illegible] ith for[illegible] led
your infor[illegible]

4. I [illegible] lose the orig[illegible]
pla[illegible] epo[illegible]
you will se[illegible]
is corre[illegible] state[illegible] nd
apparently the building was [illegible]
[illegible]
[illegible] an[illegible] esti[illegible]

5. [illegible] the O[illegible] seer was
Called upon [illegible] repor[illegible] on the matter
as th[illegible] who was
appa[illegible]
the vera[illegible]
[illegible] Supe[illegible] Engin[illegible]

[illegible] or the

Your[illegible]

[illegible]
Supg. Engineer, 4th Circle

Inw. 1945
2642/90

From
The Supg. Engineer
Fourth circle.

SECRETARY TO GOVERNMENT, P.W. DEPARTMENT, MADRAS
23 FEB. 91

Dated 26th February/89

No. 1101 C of 5-3-89

No. 98/W.

Encls. 5

Treasury attached to the Collector's Office at Salem:—

Giving the names of the Officers that supervised the construction of the verandah roof of the new —

No. 2028

OFFICE OF THE EXECUTIVE ENGINEER,
Buckingham Canal,
Madras Basin, 4th March 1890
Desp 5/3/90

Inw. 265/36

From ~~C. VINCENT Esq.,~~ Major O. V. Boddyl
EXECUTIVE ENGINEER,
Buckingham Canal Divisio

To
THE Superintending Engineer
2nd Circle

ENCLOSURE.
× Returned herewith with 9 enclosures

SIR,

With reference to your endorsement ×No. 376 B.C/19-2-90 on Chief Engineer's letter No. 820 C dated 13th February/90 calling for explanation of faulty construction of the verandah roof of the terraced Treasury Room for the Huzur Treasury at Salem, I have the honour to inform you that the room in question was not built on any Standard design, but was designed to meet the then requirements of of the Collector. The wall plates were designed and estimated for in the manner th[illegible] usual for buildings of [illegible] description. The Rep[illegible]t specified that the work was to be carried out in accordance with the instructions contained in the Standard Specification, and I cannot find anything in the Copy in this Office that the wall plates should be bolted to the outside of the wall. What happened to the roof I cannot find out from the papers sent to me with your endorsement, but the then Collector of Salem Mr. G. McWatters has informed

informed me that practically no harm or damage happened to the roof, but that it was pointed out to him that the notches cut in the verandah rafters did not rest on the wall plates as they should have done.

2 I remember examining the work on several occasions but I am nearly certain that I did not see the building after it was roofed.—

I have the honor to be
Sir
Your Most Obedient Servt.

O. C. Boddy
Major R.E.
Executive Engineer, B. C. Dn.

13

No 409 B.C
11.3.90

Submitted to the Chief Engineer, Public Works Dept with reference to his Memo. No. 820 C. of the 13th February 1890, the enclosures of which are herewith returned

J. Harrison
Supdt Engineer
2nd Circle

10-3-90.

SUPDG. OFFICE
8-MAR.90

From ~~C. VINCENT Esq.,~~ Major O. J. Boddy R.E.
EXECUTIVE ENGINEER,
Buckingham Canal Division,

To
THE Supt Engineer
2nd Circle

Dated 4th March 1890
Despatched 5th
Received

No. 2028 ENCLOSURE 9

Faulty construction of the veranda roof of the terrace & Treasury Room for the Huzur Treasury at Salem.

Furnishing the information on the subject of

409 B.C

No. 2/139
10 FEB 90
P.W.D.
FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE
No. 3/1799
1889
P.W.D.
COIMBATORE.

27 MAR. 90
P.W.D.
FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE
No. 3/1533
31 MAR 1890
P.W.D.
COIMBATORE

G.O. No. 7/3/8 C
14-4-90

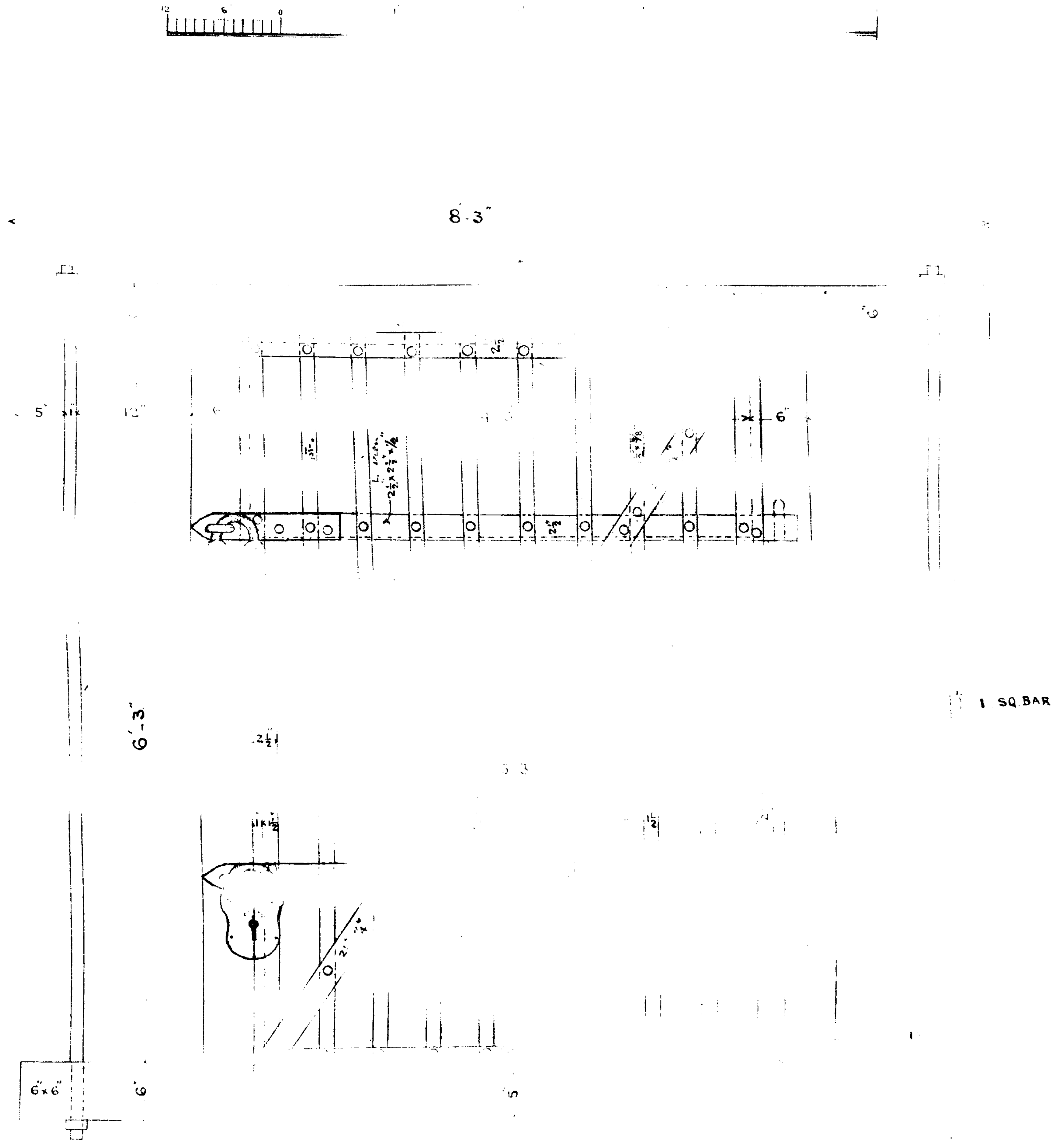
EXECUTIVE ENGINEER'S OFFICE
No. 8/1723
30 MAR 1889
P.W.D.
COIMBATORE.

Enclosure No: 5 of a letter No. 408/9n of 14-11-88 from the Supdt Engr 4th circle

SUPDG. ENGR'S OFFICE
No. 2/947
5-NOV.88
P.W.D.
FOURTH CIRCLE

PROPOSED DESIGN
OF
IRON DOOR
FOR THE
NEW TREASURY ROOM AT SALEM

SCALE 1"=1 FOOT



EXECUTIVE ENGINEER

Huzur Treasury at Salem — Report to accompany estimate for alterations and additions to the —

Amount of estimate Rs 1,210.

An estimate amounting to Rs 2,870 for a new Huzur Treasury room at Salem was sanctioned in G.O. 22nd February 1886 No 430 W. and the work was completed in March 1887 the expenditure being Rs 2861-15-3.

2. The Treasury room is now considered not large enough for requirements, and the accompanying estimate for enlarging it has been prepared at the request of the Collector. Measurements have been made of the Cash boxes and almirahs in use, and it is found that a room 27′ × 17¾ will be large enough. The estimate provides enlarging the present room by removing the back verandah and building a new verandah as shown on the accompanying plan so as to make the room 27′ × 17¾′.

3. At present the door of the Treasury room is in two pieces (leaves) each being composed of a wooden frame with iron bars

As the door is in two pieces it is difficult to lock it in a secure manner for there is no support behind at the centre where the two pieces meet when the door is Closed. Besides this, the wooden framing is not protected with iron to prevent the frame being Cut and the bars removed. In these Circumstances it is Considered that an iron door in one piece had better be provided. Accordingly the estimate provides for a new door according to the accompanying design.

4. The existing Bengal terrace has not been Constructed properly for the wall plates are built in the wall instead of being supported outside on Cut Stone brackets. The result is that there is a crack at the junction of the terrace roofing with walls of the building so the verandah leaks nearly all round. To rectify this the estimate provides for dismantling the Bengal terrace roofing where necessary and rebuilding the same with a new wall plate all round supported on Cut Stone brackets.

Sd J W Martin
Superintending Engineer
IV Circle

Coimbatore
17 November 1888

Enclo. No. 1 of a letter
No. 408/Dn of 17-11-88 from
the Supg. Engr. 4th circle.

SUPG: ENGINEER'S OFFICE
No. 5/1394
12 FEB. 89
P.W.D.
FOURTH CIRCLE

EXECUTIVE ENGINEER'S OFFICE
No. 1153 3P
31 MAR 1890
P.W.
COIMBATORE

EXECUTIVE ENGINEER'S OFFICE
No. 1999
26 FEB 1889
P.W.D.
COIMBATORE.

EXECUTIVE ENGINEER'S OFFICE
No. ____
4 APL 1889
P.W.D.
COIMBATORE.

G. O. 394 3/88

SUPG: ENGINEER'S OFFICE
No. 4/349
27 MAR. 90
P.W.
FOURTH CIRCLE

3796

G. O. No. 61/318 C.G.
14-4-90

Enclo: 4 to letter No. 1147/B.G. d/ 17/4/90
from Supg. Engr. 4th Circle

Recd 14/2/89

[P. W. D. Code.—Paras. 921, 931.]

1265/41

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.
Alterations and Additions to Huzur Treasury Salem.						
Dismantling walls + pillars to floor level.						
North wall	1	17-9	1-6	15-"	400	
Parapet wall over Do	1	17-9	"-9	1-6	20	
North verandah pillars	5	1-6	1-6	6-9	76	
Total c ft					496	
Deduct window space	1	5-9	1-6	5-9	49	
Total c ft of dismantling masonry						447
Dismantling Roof						
Bengal terrace of north verandah	1	40-"	12-"		480	
Existing verandah Bengal terrace east west + south sides for a width of 3 feet	1	65-6	3-"		196½	
Total sq feet of roof						676½
Earthwork Excavating Foundation						
For Extending east + West walls	2	5-3½	2-8	5-"	141	
Do north wall	1	22-"	2-8	5-"	293	
Do verandah walls	1	51-3	2-8	3-"	410	
Filling north verandah	1	35-3	5-4½	1-6	284	
Total c ft of Earthwork						1128
Brick in Chunam						
Foundation footing course East + West walls	2	4-11½	2-8	1-"	26-6	
North wall	1	22-"	2-8	1-"	58-9	
Verandah retaining wall	1	51-3	2-8	1-"	136-9	
Carried over					222-"	

20,000—14-10-87.

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					222	
Foundation above footing to floor level						
East & West walls	2	5-4½	2-3	4-"	96-9	
North wall	1	21-6	2-3	4-"	193-6	
Verandah retaining wall	1	51-3	2-3	4-"	461-3	
Total cft of Foundation & Basement						973½
Superstructure						
East & west walls	2	8-"	1-6	15-"	360	
North wall	1	20-9	1-6	15-"	467	
Verandah pillars	7	1-6	1-6	6-9	106	
Parapets	1	34-6	"-9	1-6	39	
Total cft					972	
Deduction						
Window	1	5-9	1-6	5-9	49	
Flat arch to window	1	7-"	1-6	1-6	16	
Total deduction cft					65	
Total cft of Brick work in superstructure less deduction						907
Arch work as per above deduction						16
Cut stone work						
under beam	2	1-6	1-6	"-6	2¼	
Cut stone brackets to support verandah wall plates	14	2-3	"-6	"-9	11 2/3	
Total cft of cut stone						13 11/12
Woodwork (Teak						
Beam	1	20-3	"-9	1-3	19	
Joists	13	~~8-4½~~ 10'	"-3	"-5	~~11 1/3~~ 13½	
C. over					~~30 1/3~~ 32½	

[P. W. D. Code.—Paras. 921, 931.]

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.		
B. forward					~~30 1/3~~ 32½	
Bressummers sides of verandah	2	10-"	"-5¼	"-7½	5½	
Rafters — Do	8	12-"	"-4	"-3	8	
wall plts over cut stone brackets all round with over lapping	1	105-"	"-4	"-4	11 2/3	
~~Pillar plates~~	~~7~~	~~1-6~~	~~1-6~~	~~"-3~~	~~4 2/3~~	
Total cft of Teak wood wrought & put up including wood ceiling						~~59½~~ 58
New iron door as per descn attached						
Door	1	5-3	7-3		38	
Total Sft. of Iron door						38
Removing and refixing the existing window in the north wall						1
Removing the existing door & refixing the new door						1
Roofing terrace						
Extending portion of room	1	19-"	9-6		180½	
Total Sft. of Terrace roofing						180½
Sloping terrace						
Verandah sides & front to extending portion	1	59-6	12-"		714	
Dismantled portion of verandah 3 ft all round	1	69-0	3-"		207	
Total Sft. of sloping terrace						921
Removing the present cut stone flooring & relaying the same pointed with portland cement						
Room	1	17-9	~~27~~ 5'-0"		~~479~~ 88¾	

[illegible] 14-4-90

Enclo. No 3 of a letter No. 408/Wy of 17-11-88 from Sup. Eng. 4th circle

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					88¾ ~~411~~	
Verandah in rear	1	36 -	8 -		288	
~~Do sides~~	~~2~~	~~[illegible]~~	~~8~~		~~456~~	376
Total sq ft of removing the present cut stone Flooring & relaying granite slabs pointed with portland cement						~~1222~~
Flooring with granite paving stone over 4" concrete pointed with portland cement						
New varandah	2	9¼	8'		148 ~~288~~	
Room	1	17'-9"	9'-3"		164 3/16	312
Total sft of flooring with granite &c &c						~~328~~
Plastering ~~only~~ two coats of new walls &c						
Inside	1	36-3	15 -		543.75	
Outside	1	39-3	15 -		588.00	
Parapet walls sides & top	1	37 -	3-9		138.75	
Pillars	7	6 -	6-9		283.5	
Basement extended portion	1	57 -	2 -		114	191
Sundries					250	
Total sq ft of Plastering						1668
Painting with carsons oak colr						
New door	2	5-3	7-3		76	
Total sft of Painting with Carsons oak color						76
Cornice						
Extending portion						40

3

Estimate for new door to the Treasury room at Salem

[P. W. D. Code.—Paras. 921, 931.]

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

1265/43

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Wrought Iron Work					lbs	
Bolts	.	16'	1" Sqre		54	✓
Angle iron	.	18'	× 2½" × 2½" × ½"		150	✓
Frames flat	.	22'	2½"	⅝"	115	✓
Vertical bars do	.	59'	1½"	⅜"	111	✓
Diagonal do do	.	8½	2½"	¼"	18	✓
Pivots Sqre 1¼"	.	3	1¼" Sqre		16	✓
do round	.	1	¾" Dia		2	✓
Rivets round	.	30'	½" Dia		20	✓
					486	✓
Wastage 10%					48	✓
Total lbs of Wrought iron work						534 ✓
Teak wood wrought & put up						
Top and bottom frame	2	8'-3"	0'-6"	0'-6"	4	✓
Side frame	2	7'-3"	0'-6"	0'-6"	4	✓
Total cft of Teak wood						8 ✓

20,000—14-10-87.

SUPG: ENGINEER'S OFFICE
3/1390
5 NOV 88
P.W.D.
FOURTH CIRCLE

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.

SUPG. ENGINEER'S OFFICE
10 FEB 89
P.W.D.
FOURTH CIRCLE

SUPG. ENGINEER'S OFFICE
27 MAR 90
P.W.D.
FOURTH CIRCLE

1265/44

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
	Alterations & additions to Huzur Treasury, Salem.				
447 Cft of	Dismantling masonry	2 - -	100 cft	9	✓
676 Sft of	— do — roof	1 - -	100 sft	7	✓
1128 Cft of	Earthwork	3-8	1000 cft	4	✓
974 "	Brick in chunam foundation & Basement	15 - -	100 cft	146	✓
907 "	Brick in chunam superstructure	16 - -	do	145	✓
16 "	Arch work	18 - -	do	3	✓
14 "	Cut stone work	1 - -	cft	14	✓
~~60~~ 58 "	Teak wood wrought & put up including wood oiling	4-8 -	do	261 ~~270~~	✓
38 Sft	of Iron door with teak frames &c complete as per design & estimate attached	3-7-7	sft	132	✓
1	Removing & refixing the existing window			2	✓
1	Removing the existing door & refixing new door.			17	✓
181 Sft	of Roofing terrace	22 - -	100 sft	40	✓
921 "	sloping terrace	15 - -	do	138	✓
376¾ ~~1223~~ "	Removing the present cut stone flooring & relaying the same pointed with portland cement	10 - -	do	38 ~~122~~	✓
	Carried over			1439 ~~1071~~	
	Grand Total of Estimate ..				

Station
Dated

Executive Engineer.

REFERENCE TO MADRAS P. W. D. CODE.

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

P. W. D.
No. M 207

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

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

---

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

5

1265
~~45~~

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	TOTAL.
		RS.		RS.	RS.
	Brought forward			~~1039~~ 1071	
312 ~~328~~ sft	of Flooring with granite paving stones over 4" concrete with portland cement	40	100 sft	125 ~~131~~	
1918 ~~1668~~ "	Plastering with two coats of chunam	2-8	Do.	48 ~~42~~	
76 "	Painting with Carsons oak color	2-8	Do.	2	
40 Rft	of Cornice work	4	Rft	10	
	Contingencies	2-8	cent	34 ~~33~~	
	Petty supervision	2-8	Do	35 ~~33~~	
	Add 10 per Cent for work shop commission for making iron labor	"	"	9	
	Railway Charges from Madras to [illegible]	"	"		

Grand Total of Estimate ~~1290~~ 1342
Rupees one thousand three hundred and forty two only

J. W. Walker
Supg: Engineer 11th circle
17/11/88

STATION Coimbatore
Dated 3rd Novr /88.

Executive Engineer.

Reference to Madras P. W. D. Code.

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

ENGINEER'S OFFICE
No. 4/139.4
12 FEB 89
P.W.D.
FOURTH CIRCLE

P. W. D. For
No. M 20

Circle— 4

Division— Coimbatore

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. ______ of 1888-8 for * ______)

Alterations and Additions to Huzur Treasury, Salem.

---

* Here enter the name and description of work in fu

Estimate No. ______ of 1888-89

1265
46

d
Head— Provincial

e
ad— Civil Building

tal Head— Original work

d— Administration

—

which the work forms part— Salem Hozur Treasury

Work— Alterations and Additions to Huzur Treasury Salem

of Estimate— Rs ~~1290/8/10~~

arried out by— The Executive Engineer Coimbatore Dn

N.B.—This space should not be written upon as it is required for filing.

REFERENCES.

of 1880.

Paras. 921, 922.

Number

a letter

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op

Division— COIMBATORE.

Taluk— Sal

ESTIMATE FORM—Wrapper or Outer-sheet.

Estimate for

Amount of Estimate, Rs. 129

Detailed c, No. of 18

COIMBA

Extract from Mop

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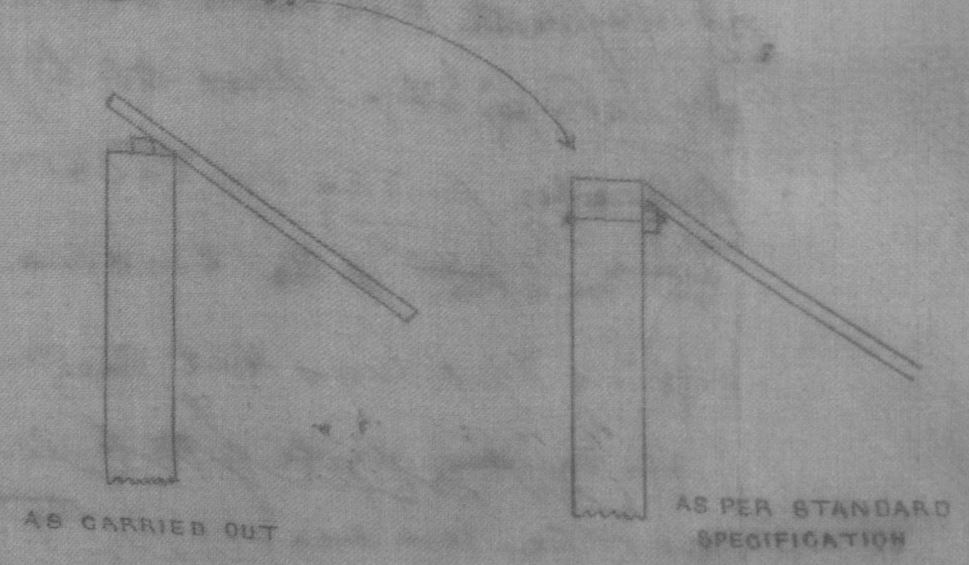
that

erandah

and lay!

flooring beneath. The standard specification for such work has not been followed and the rafters are allowed to rest upon ~~it~~ a wooden wall plate [illegible] placed in the wall 3" from the face and then built in, instead of resting upon a wall plate bolted to the wall on the outside thus:



The Expansion of the wood on the wall in the first of the above necessarily cracked the plaster and water finds its way through abundantly. No Spouts were provided for carrying the water off the flat roof & which trickling down through openings & [illegible] hugs the wall & dribbles thro' the cracks at junction of verandah & main wall. An Estimate will be framed for the additions & improvements & submitted.

Whose fault was this?

The specification did not contain this provision so the usual method was adopted.

The leakage should be stopped at once. It may be some time before improvements can be carried out.

This will be done.

× × ×

Signed R. R. E. Drake Brockman
Supg Engr IV Circle.

(True Extract)

E W Martie
Ex. Engr Coimbatore D.

1265/48

E. 2
PW 37
5/6/90

No. 147 / E. W.

Supg Engineer's office, 4th Circle,
Coimbatore, 17th April 1890.

From,

Major D. McNeil Campbell, R.E.,
Supg. Engineer, 4th Circle,

To,

The Chief Engineer,
P. W. Department.

126 / 409

Enclos.
2 Detailed estimate
2 Abstract Do.
1 Design
1 Report
1 Extract from Inspectn notes for 9 July 1888.
1 Copy of Ex. Engr's letter No 1686 dt 11/4/90

Sir,

With reference to your memorandum, dated 25th ultimo, No. 1628 C in re Huzur Treasury room Salem, I have the honor to submit Copy of letter No. 1686 of 11th instant from the Executive Engineer, Coimbatore Division and to observe that the excess is Rs 60 and in any case the back verandah would have had to come down. As the building has been constructed and handed over to the Collector it is impossible for me to say from inspection if the leak was due to faulty construction.

2. It was your opinion when Supg Engineer

Engineer of this Circle that the construction was faulty: vide Extract from your notes of Inspection under date 18th July 1888.

× 3500 CB, 15.9.88

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

Fitzw. [illegible] Major, R.E.,
Inspg Engineer, 4th Circle.

H

1265/50

P.W.C No 37961

From

The Supg. Engineer
IV circle

Memo No 1452 C 17.3.90
 " 1101 C 5.3.89
 " 1620 C 25.3.90
 " 820 C 13.2.90

Pro. No 367 W 9.2.89
Memo No 3500 C 15.9.88
Pro. No 430 W 22.2.86

Dated 17th }
Despd 18th } April 1890.

21.4.90

No 147/8.W.

Enclos: 7.6

Huzur treasury room
at Salem.

Submits copy of Coimbatore Division Officer's letter No 1686 of 11th inst. reporting the amt. of excess expenditure

0/24/4

1686

No 1686. Executive Engineer's office,
Coimbatore, 11th April 1890.

From,
J. W. Martin, Esq.,
Executive Engineer,
Coimbatore Division,

To,
The Supg. Engineer, IV Circle,
Coimbatore.

1265/51

Enclosures 7
2 Detailed Estimates
2 Abstract -do-
1 Design
1 Report
1 Extract from Inspection notes for July 1888.

Sir,

I In reply to your Endorsement No 218/C.J., dated 28th March 1890 in the matter of the Huzur Treasury Room, Salem, I have the honor to report that the extra expense involved in providing a wall plate supported on brackets is Rs 60.

2. With regard to the back verandah, it was necessary in any case to remove the roof, for the best way to enlarge the Treasury room was to extend it behind.

3. Regarding the instructions to you to inspect the building

and

and give your opinion, I may inform you that the alterations to the roof of the verandah and the enlarging of the Treasury room are completed, and the building has been given over to the Collector.

4. With reference to the remarks about the roof of the verandah made in para 4 of my report, the building was completed before I joined the division, but the defect was brought to my notice when I inspected it with the Supg. Engineer on 18th July 1888. I am forwarding herewith an extract from his Inspection notes for that month from which you will observe that he was of opinion the wall plate should have been placed on the outside of the wall, and that the leaks complained of were due to cracks resulting from the way the roof was constructed, that is, the omission to provide for the rafters to rest on a wall plate outside the wall instead of inside.

1265/5 2

I have &ca
(Sd) J. W. Martin,
Executive Engineer.

(True Copy)

Sd/- [illegible] Major R.E.,
Supg Engineer, 4th Circle.

M

Encl. to letter No. 147/E.W. d/17/4/
from Supt. Engr. 4th Circle

No. 1265 W. d/ 2nd May 1890

B+P
Works

PUBLIC WORKS DEPARTMENT.

18P.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1265/53
59

again
READ the following

Pros: of the Madras Govt in the P.W.D. H.S. No 367 W d/ 9th Feby 1889

Read also

Letter from S.E. IV circle	- - 98 E.W. d/ 26th Feby 1889
Memo: to the Revenue Dept	- - 1101 C d/ 5th March 1889
Pros: of the Madras Govt in the Rev: Dept	- - 1876 d/ 23rd March 1889
Memo: to the Revenue Dept	- - 820 C d/ 13th Feby 1890
Letter from Major O.V. Boddy R.E.	- - 2028 d/ 4th March 1890
Endt. thereon by S.E. II circle	- - 409 B.C d/ 11th March 1890
Letter from S.E. IV circle	- - 119 E.W. d/ 20th March 1890
——— do ———	- - 147 E.W. d/ 17th April 1890

Rec
24 Apr

Major Boddy's explanation regarding the construction of the verandah roof of a portion of the Huzur Treasury at Salem is accepted, but it would have been a better arrangement to have provided brackets to carry the wall plate on which the verandah rafters were to rest

It is observed that in any case the back verandah of the treasury room must have been taken down to lengthen the room [illegible]nd that if brackets had been provided in the original estimate sanctioned in G.O. No. 430 W of 22nd February 1886, a saving of 60 Rupees only would have been effected in the estimate of Rs 1210 which in G.O. No. 367 W of 9th Feby 1889 was forwarded to the Supdg Engineer IV circle for sanction. It is also noted that the building has been completed & handed over to the Collector of Salem.

23.4.90

Ruett 25.4.90

To.
The S.Es II & IV circles
" Rev: Dept.

12/5/90

1265/584

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