(1) பக்கங்களின் எண்ணிக்கை 104

(2) புதுக்கித் திருப்பிய நாள் 1/7/94

(3) ஆதாரங் குறிப்பவர் சருக்கொப்பம் 13/7/94

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P W D துறை

அரசாணை எஸ்.
மு. கோப்புத் தாள் எண். 418 (1)

அச்சகம்
பல்வகை

நாள் : 17 2 1893

199

14
5-7

மடிக்கவோ கண்டபடி கையாளவோ கூடாது.

ஆவண. கா. 1—18,006—6-9-90.

செப்பனிடுபவர் பெயர்
செப்பனிடுவதற்காக எடுத்துக் கொள்ளப்பட்ட நாள்
செப்பனிட்டு முடித்த நாள்
சரிபார்க்கும் மு.பா.எ. கையொப்பம்.
ஆராய்ச்சி உதவியாளர் கையொப்பம்.

The rates have been slightly altered for masonry. The CA proposed stock bricks as these bricks are costly generally avoid. rates in up country stations. The revised estimate provides for country bricks.

The result on the revised amount of the estimate, viz. Rs 5890 will work up to Rs 38 per measure as detailed below

Estimated cost of building	Rs 5890
add 10% for Establ: Tools & plant	589
add cost of site (approximate)	100
Total capital cost	Rs 6579

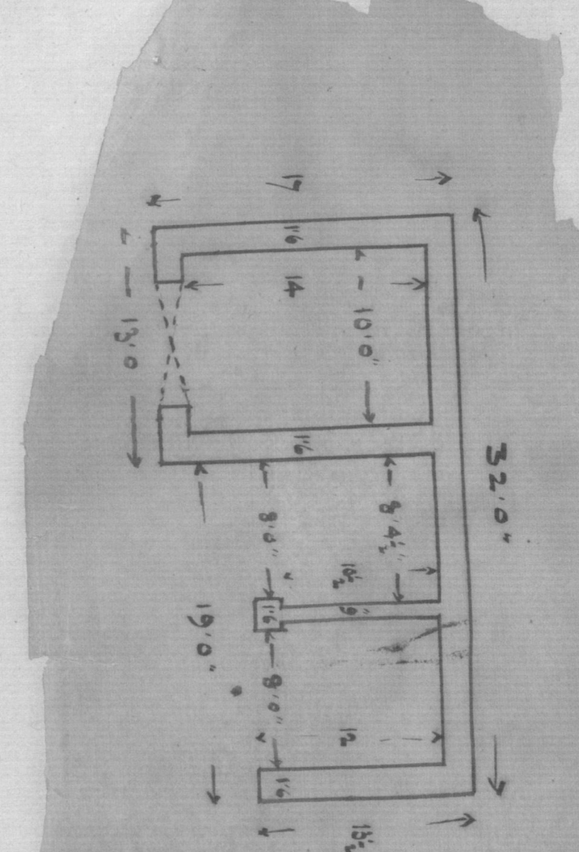
4% on Rs 6579 for annual interest = Rs 263.16
3% on Rs 5890 for annual repairs = 176.70
10% on Rs 176.7 for Establ: Tools & plant = 17.67

Total annual rent Rs 457.53
— do per measure Rs 38.13
or say Rs 38.... per measure

The limit fixed by the Judicial dept in proceedings dated 16th March 1892 No. 2333 viz Rs 5970 appears to be an error. In order No. 1902 dated 15th Sept 1891 (Judicial) communicated in G.O. No. 2592 of dated 26th Sept 91 the limit fixed was Rs 5900.

26-VII-97

418/1



418/2

Submitted Rs 610

Grand Total of 2 sheets.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Cowsheds. Cowsheds and stalls						418
Excavation of foundations						
Cowsheds all round	1	54·0	3·0	3·6	583	
Rear wall of stalls	1	19·0	3·0	2·0	114	
Side wall of D°.	1	12·0	3·0	2·0	72	
Pillar D°.	1	3·0	3·0	2·0	18	
Partition wall D°.	1	9·0	2·0	2·0	36	
Total Cft. of excavation of foundations						823
Concrete						
Cowsheds all round	1	54·0	3·0	1·6	243	
Rear wall of stalls D°.	1	19·0	3·0	1·0	57 54	
Side wall of D°. D°.	1	12·0	3·0	1·0	36	
Pillar D°. D°.	1	3·0	3·0	1·0	9	
Partition wall D°. D°.	1	9·0	2·0	1·0	18	
Total Cft. of Concrete work						360
Brickwork in mud						
Cowsheds. Foundation	1	54·0	2·3	2·0	248	
D°. basement	1	54·0	1·10½	1·0	101	
Rear wall of stalls foundation	1	19·0	2·3	1·0	43	
D°. basement	1	19·0	1·10½	1·0	36	
Side wall of stalls foundation	1	12·0	2·3	1·0	27	
D°. basement	1	12·0	1·10½	1·0	23	
Partition wall foundation	1	9·0	1·3	1·0	12	
D°. basement	1	10 1½	1·0	1·0	10	
Total Cft. of brick in mud foundations						495
Brickwork in mud. Superstructure						
Cowsheds	1	54·0	1·6	11·0	891	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

P. W. D. Form, No. M 20.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/f.					891	
Coach house gables	2	10·0"	1·6"	1·9"	53	
Rear wall & stalls	1	19·0"	1·6"	9·0"	228	
Side wall &c.	1	12·0"	1·6"	8·6"	153	
Gable above side wall	1	12·0"	1·6"	2·0"	36	
Partition wall	1	10·6"	0·9"	5·0"	39	
Total Cps					~~1110~~	1400
Deductions archway in Coach house	1	7·0"	1·6"	5·6"	58	
—D°— semicircular	1	19·3"	arcs	1·6"	29	
—D°— archway	1	13·4½	1·6"	1·6"	30	
Total Cps & deductions					117	
Total Cps & Brick in rough less deductions						1283. ~~1393~~.
"Brickwork in chimneys"						
Pillars at foundation	1	2·3"	2·3"	1·0"	5	
—D°— basement	1	1·10½	1·10½	1·0"	4	
—D°— superstructure	1	1·6"	1·6"	7·6"	17	
Total Cps & brickwork in chimneys						26.
Archwork as per deductions						30.
Cornice work						
Gable ends	3	16·0	"	"	48	
Total Rft & Cornice work						48.
"Plastering inside"						
Coach house	1	48·0"	"	11·0"	528	
Gable ends	2	10·0"	"	1·9"	35	
Rear wall & stalls	1	16·9"	"	8·6"	142	
—D°— rear partition wall	1	0·9"	"	3·6"	3	
Side walls	2	12·0"	"	14·0"	336	
Partition wall	1	10·6"	"	10·9"	113	
C. O.					1157	

ESTIMATE FORM.—Detail Measurements.

4 18/4

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/f.					1157	
Gables to carriage archway	1	22·0"	1·6"	"	33	
Total					1190	
Deductions. archway return gables	1	7·0"	"	5·6"	39	
—D°— semicircular	1	19·3"	arcs	"	19	
Total Cps					58	
Total Cps & Plastering less deductions						1132
Total Cps & whitewashing						1132.
"Painting outside"						
Coach house	1	46·6	"	10·0"	465	
Gables	2	13·0"	"	2·0"	52	
Pavement	1	47·4½	"	1·3"	59	
Rear wall & stalls	1	19·0"	"	8·0"	152	
Side wall &c.	1	13·6"	"	8·0"	108	
Gable above	1	13·6"	"	1·9"	24	
Pillars	1	5·3"	"	7·6"	39	
Basement & stalls	1	32·10½	"	1·3"	41	
Total Cps					940	
Deductions archway return gables	1	7·0"	"	5·6"	39	
—D°— semicircular	1	19·3"	arcs	"	19	
Total Cps					58	
Total Cps & Painting less deductions						882
"Woodwork"						
Rafters for carpenters Archway	11	10·0"	0·3"	0·4"	0.2.0	
—D°— —D°—	9	8·6"	0·3"	0·4"	0.1.6	
Collars —D°—	10	7·6"	0·3"	0·4"	0.1.0	
Wall plates —D°—	2	15·0"	0·4"	0·2"	0-0-8	
Basement & stalls	1	20·6"	0·5"	0·7"	0.11.9	
Cs					28-5-3	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
R.C.					28.5.3	
Wall plates to Stalls	1	18·6"	0·4"	0·2"	1.0.4	
Rafters for couples	28	10·0"	0·3"	0·4"	23.4.0	
C.C. Purs	14	8·0"	0·3"	0·4"	9.4.0	
Ridge piece	1	4·6"	0·3"	0·4"	0.4.6	
Valley rafters	2	5·0"	0·3"	0·4"	0.10.0	
Jack rafters	4	3·0	0·3"	0·4"	1.0.0	
Total Cft. of woodwork					64.4.1	64 Cft.
*Pointing.						
Couch house	2	18·6"	10·3"	-	379	
Stalls	2	19·9"	10·3"	-	405	
Total Sft. of pointing						784.
*Flooring.						
Couch house	1	14·0	10·0	-	140	
Stalls	2	10·6"	8·4½	-	176	
Bathing pillars	2	8·0"	1·6"	-	36	
Ramps in front of stalls	2	8·0"	8·0"	-	128	
Do. Couch house	1	7·0"	4·0"	-	28	
Total Sft. of flooring						508.
Iron rings 4" diar. 5" in loaded in a stone block & firmly fixed in the ground for tying horses	2	..	-	-	-	2.
Bamboos 3" diar. & 9½ feet long 2½ each stall	4	-	-	-	-	4.

418

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate	Per	Amount	Total
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Couch house & Stalls				
807	Cft. of excavation & foundations	0.10.0	100	4	
363	Cft. of Concrete	14.0.0	100	51	
495	Cft. of brick in work for foundation & basement	12.0.0	100	59	
1283	Cft. of ditto for superstructure	12.8.0	100	161	
26	Cft. of brick in chimney	17.0.0	100	4	
30	Cft. of ashlar in chimney	19.5.0	100	6	
48	Cft. of Cornice work in chimney	0.3.0	Cft.	9	
1132	Sft. of Plastering with chunam 1 coat	1.9.0	100	18	
1132	Sft. of whitewashing 2 coats	0.2.6	100	2	
882	Sft. of Pointing with cement outside	2.0.0	100	18	
64	Cft. of jungle wood mangalt & partition	2.0.0	Cft.	128	
784	Sft. of roofing with teak rafters & pan tiles including chunam border	11.8.0	100	90	
508	Sft. of flooring with ground 4" thick Ft.	2.3.0	100	11	
2	No. of Iron rings 4" in diar. 5" in loaded in a stone block & firmly fixed in the ground	2.0.0	each	4	
4	No. of bamboos poles 3" diar. & 9½ ft. long	0.8.0	each	2	
	Total Rs.			567	
	Contingencies 5%			28	
	Petty supervision 2½%			15	
	Grand Total of Estimate ..				610.

Station

Dated ____ 189 .

40,000—22.6.91.

Executive Engineer.

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work— Residence for Asst. Supt. of Police. Court House & Lockup

Amount of Estimate, Rs.— 610

To be carried out by—

REFERENCES.

Specification

Excavations for foundations are to be made of the exact width & depth for the Concrete. If they happen to be made larger, extra must be filled in with Concrete.

Excavation of basement is to be done as soon as the basement walls are completed. The earth must be filled in in layers of not more than 6" thickness and to be well watered and rammed.

The foundations will be of Concrete (proportions 3 parts stone, 2 sand, 1 lime) and will be made & laid according to the standard Specification.

The basement walls will be of brick in chunam & will be 2ft thick.

The lower storey walls are to be 1-6" thick & to be built of brick in clay with the exception of the portions round the doors and windows and for a depth of 1ft of the top as indicated in the drawing. These portions will be built of brick in chunam & well bonded into the other work.

The upper storey walls will be built in the same manner of brick in clay, with brick in chunam round all openings. The main walls will be 1-3" thick and the low water walls 9" thick. These latter will be strengthened by being made 1-0" thick in places - these portions being also built of brick in chunam.

The roof will be of best palmyrah country tiles resting well down & covered with flat tiles & ridge tiles

with Chunam borders Complete - The hip rafter - i.e. that portion over the upper storey bed room - will be of teak 6" x 3" section -

There will be 2 beams of teak to carry the floor over the hall - Each will be 16' x 12" x 7" - The joists on these will be 4" x 3" section and placed 15" centre to centre - All other joists will be of 5½" x 3¾" scantling and placed also 15" centre to centre -

Three of the joists carrying the floor of the upper storey bathroom will be made 14½ ft long so that they will project from the wall on the east side - The projecting portions will support the landing of the bathroom steps - The landing will be formed of 1½" planking nailed to the projecting joists -

The walls will be plastered both inside and out with 2 coats of Chunam plaster - The ceilings between the joists will have 1 Coat of plaster -

The main stair is to be built of brick in Chunam It should be the last portion of the building done and care should be taken that ample time is allowed for the mortar to thoroughly set and harden before the centrings are removed.

The upper verandah parapet will be built with brick in Chunam base & coping with earthern ware balusters in the style indicated

The verandah steps & lower bath room steps are to be of brick in Chunam on Concrete foundations - The upper bath room steps will be of brick in Chunam on a Concrete foundation & plastered - A passage will be left in the latter to the entrance to one of the lower bath rooms - The top of the passage is to be covered by a teak lintel -

The verandah and bath room steps must not bond into the main building but they are only to be built against it

The quality of all work must be in accordance with the Standard Specifications -

/Signed/ A. Mess.
Sab.e Div.n Office
29-8-90

4 18/7

/Signed/ A. H. Garrett
Exv. Engr. Tanjore Div.n
13-9-90.

1292 No. 1
8.6.01

[P. W. D. Code.—Paras. 221, 231.]

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.
Constructing a dwelling house for Esplanade estate.						4 18/8
Excavation and filling in						
Longitudinal walls	3	47½	3	3	1283	
Do	1	36	3	3	324	
Cross walls	3	12½	3	3	338	
Do	7	5	3	3	315	
Do	1	20½	3	3	184	
Verandah Steps	2	9	3	1½	81	
Bath room do	1	4	2½	1½	15	
Do	1	16½	3	1½	74	
Total cft of Earth work						2644
Concrete						
Longitudenal walls	3	47½	3	1½	641	
Do	1	36	3	1½	162	
Cross walls	3	12½	3	1½	169	
Do	7	5	3	1½	158	
Do	1	20½	3	1½	92¼	
Verandah steps	2	9	3	1½	81	
Bath room steps	1	4	2½	1½	15	
Do	1	16½	3	1½	74¼	
Total Cft of Concrete						1393
Brick in chunam						
Longitudenal walls of Basement	3	46½	2	3½	977	
Do	1	35	2	3½	245	
Cross walls of do	7	6	2	3½	294	
Do	3	13½	2	3½	283½	
Do	1	21½	2	3½	150½	

20,000—14-10-87.

2 2 6 5 4569

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 —						
Verandah steps	2	6	2	1	24	
Bath room steps	1	3	2	1	6	
Verandah pillars	2	7	1	1	14	
Do do in front	2	6	1½	1½	27	
Ends of Verandah	2	6	1½	1	18	
Round lower story doors	11	18½	1½	¾	229	
Do Do windows	7	21	1½	¾	165	
Do	2	19	1½	¾	43	
Top of lower story Longl walls	2	46	1½	1	138	
Do	1	34½	1½	1	51¾	
Cross walls	3	14	1½	1	63	
Do	3	6½	1½	1	29¼	
Do	1	22	1½	1	33	
Stair case	2	13	2	1	78	
Partition wall of do	1	6	10	½	30	
Parapet at top	1	4	3	½	6	
Middle wall of Stairs (Cross)	1	6½	2	6	78	
Round upper story doors	3	18½	1¼	¾	52	
Do	1	18½	¾	¾	10	
Do	1	15	¾	¾	8	
Do do windows	2	21	1¼	¾	39	
Do	2	17	1¼	¾	32	
Do	4	19	¾	¾	40	
Do	1	19	¾	¾	11	
Do Pilasters	14	1¼	1	5½	96¼	
Total Cft of Brick in Chunam						

[P. W. D. Code.—Paras. 921, 931.]

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

4.18 / 9

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brick in Chunam Arch work						
Verandah arches	3	10	1½	1	45	
Over entrance to Stairs	1	7	1½	1	10½	
Under Stairs	2	6	3	1	36	
Do	2	7	3¼	1	45½	
Total Cft of Arch work						137
@ ¼ Say						140
Brick in clay						
Longitudinal walls						
Lower Story	2	13	1½	11⅓	442 ✓	
Do	1	34½	1½	11⅓	586½ ✓	
Do	1	46	1½	11⅓	782 ✓	
Do	2	12	1½	7	272 ✓	
Cross walls	3	6½	1½	11⅓	331½ ✓	
Do	3	14	1½	11⅓	714 ✓	
Do	1	22	1½	11⅓	374 ✓	
Do	4	6½	1½	9⅔	377 ✓	
Over arches	1	20	1½	2	60 ✓	
Longitudinal walls upper story	2	23	1¼	11	632½ ✓	
Do Do	3	10½	1¼	9	354 ✓	
Do Do	2	10½	¾	5½	86⅝ ✓	
Cross walls do	2	14½	1¼	14	498¾ ✓	
Do Do	2	8	¾	9	108 ✓	
Do Do	2	25	¾	5½	206¼ ✓	
Total Cft					5826	
Deductions						
Lower story doors	11	5	1½	7½	619	
Do windows	4	5	1½	7	367½	

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						
Lower Story windows	2	4	1½	7	84	
Ends of Verandahs	2	1	1½	6	18	
Upper story doors	3	5	1¼	7½	110⅝	
Do Do	1	5	2¼	7½	28	
Do Do	1	4½	3¼	6	20	
Do Windows	2	5	1¼	7	87½	
Do Do	2	4	1¼	6	60	
Do Do	5	5	3¼	6	112½	
at Plasters	14	1	3¼	5½	57¾	
Total Reductions					1595	
Remaining sft at brickwork						4231
Flooring						
Verandahs	2	20	6	"	240	
Hall	1	19½	13½	"	263	
Bed Room	1	21½	9½	"	204	
Do small	1	13½	9½	"	128	
Bath rooms	2	9½	6	"	114	
Total sft of flooring						750
Teak wood work						
Beams	2	16	12"	7"	18⅔	
Joists over hall 1¼ apart	12	22	4"	3"	22	
Do Rooms	18	11½	5½	3¾	72½	
Do Do	12	11½	5½	3¾		
Do Verandah	17	9½	5½	3¾		
Breastsummers Upper d.						
Lower Story	2	22	6"	4½"	8¼	
Wall plates Under Story	1	150	6"	3"	18¾	

[P. W. D. Code.—Paras. 921, 931.]

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

4 18/10

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Wall plates Upper Story	1	108	4"	3"	9	
Kiss rafters	1	27½	6"	3"	3½	
Joists under landing at top of bathroom stairs	3	8	5½	3¾	1¼	
Planking for do	1	3'	2½	1½	1	
Lintel over passage under bath room Stairs	1	4½	1½	4"	2¼	
Total sft of wood work						157
Doors Lower Story	11	6½	3'		214½	
Upper do	4	6½	3'		78	
Do Do	1	2½	5		12½	
Total sft of doors						305
Windows Lower Story	7	5	3		105	
Do	2	5	2		20	
Upper Story	2	5	3		30	
Do	2	4	2		16	
Do	5	4	3		60	
Total sft of windows						231
Terracing Upper Verandah	1	20	8		160	
Do big room	1	20½	14¼		280	
Do bed room	1	22½	10¼		220	
Do bottle room	1	10½	14¼		140	
Total sft of terracing						800
Roofing Front slopes	1	29	21		609	
end do	2	10	9		180	
Do Do	2	21	11		462	
Rear do	1	19	10		190	
Do Do	1	28	2		24	

20,000—14-10-87.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Lower story rear Verandah	1	47	11½		541	
Total sft of roofing						2066
Plastering basement front & rear	2	47	2		188	✓
Do ends	1	34	2		68	✓
Do Do	1	22	2		44	✓
front (outside lower story)	2	13	12		312	✓
Do over arches	1	20	4		80	✓
Rear out side	2	13	6		156	✓
End	1	25	12		300	✓
Do Do	1	22	12		264	✓
Do Do	1	9	10		90	✓
Do Do at upper bath room steps	1	9	2		18	✓
front upper story and side	2	13	6		156	✓
ends do	2	25	6		300	✓
Rear do	1	46	6		276	✓
Do Do	1	34	5		170	✓
Verandah pillars lower story	2	6	6		72	✓
Soffits of front Arches	3	9	1½		40	✓
abutments do	2	6	1½		18	✓
Inside front Verandah	1	33	12		396	✓
Do Do over arches	1	20	4		80	✓
Inside rear Verandah	1	20	12		240	✓
Do Do ends	2	8	10		160	✓
Inside Hall	1	68	12		816	✓
Do larger bed room	1	64	12		768	✓
Do smaller do	1	48	12		576	✓
Do bath rooms	2	33	10		660	✓
					6248	

[P. W. D. Code.—Paras. 921, 931.]

4/8/11

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.
					6248	
Inside Staircase	1	30	6		180	✓
Do Do	1	8	9		72	✓
Upper story Verandah	1	21	11		231	✓
Do Do ends	2	8	8		128	✓
Do (over Stairs)	1	13	6		78	✓
Do Do	1	13	8		104	✓
larger room	2	20	12		480	✓
Do	2	14	14		392	✓
Bed room	1	16	14		224	✓
Do	1	11	14		154	✓
Do	1	7	8		56	✓
Do	1	33	6		198	✓
small room	1	14	14		196	✓
Do	2	10	8		160	✓
Do	1	14	6		84	✓
Upper bath room steps	1	15	8		120	✓
Do	1	15	2		30	✓
Do	1	5	3		15	✓
Total Sqr feet of Plastering						9150
Parapet for Upper Verandah including pillars	1	20	"	"	20	✓
Total						20 ✓
Partition Upper bath room including ~~door~~	1	10½	6		63	✓
Total						63 ✓

Audited
W. Seaby
Asst Engineer

Main Office Tanjore
13th September 1890

Certified
E. H. Garrett
Executive Engineer
Tanjore Division

ESTIMATE FORM.—Detail Measurements.

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

Constructing a dwelling house for [illegible] Madai estate.

418/12

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
2614	Excavating foundation & filling in	3-8-0	100 cft	9	
1393	Concrete brecken (stone or brick) disturbed	12-8-0	100 cft	174	
3274	Brick in chunnam	14-1-0	do	460	
140	(Do) arch work do	17-0-0	do	24	
4231	(Do) in clay	9-3-0	do	389	
950	Flooring with 4" th. concrete well rammed & plastered with chunnam	6-0-0	100 sft	57	
157	Best teak wood wrought & put up	4-0-0	cft	628	
305	Best (Do doors (measuring inside the frame) half panel & half venetian with frames &c	1-5-0	sft	400	
231	(Do do with venetian and ironbars &c	1-5-0	do	300	
800	Best terraced roofing with brick on edge 2" th. well beaten concrete 3 courses of flat tiles & 3 coats of plaster exclusive of wood work	24-0-0	100 sft	192	
2066	Best tiled roofing with Palmyrah rafters & tiles de complete	18-0-0	do	372	
	Grand Total of Estimate ..				

Station _____

Dated _____ 18

Executive Engineer.

20,000-5-3-89.

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.

PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. FORM.
No. M. 20.

CIRCLE—

DIVISION—

DISTRICT—

TALUK—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate—

To be carried out by—

REFERENCES.

1

ESTIMATE FORM.—Abstract.

418/12

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward.				
91.50	Plastering two coats with Chunnam	3-0-0 2.8	100 sft	275- 229	
20	Parapet with earthenware balusters	8 0	ft	10	
63	Partition (including doors &c)	4 0	ft	16	
1	Constructing 2 staircase outside the Building in brick in chunnam			50	
1	Providing lightning conductor Complete			150	
	Contingencies at 3%			103	
	Petty Supervision 2%			69	
	Total Estimate Rs			3635	4935
	Cost of building			3635	4935
	Add Supervision charges at 23%			836	1135
	Cost of Island at 1½%			54	74
	Total Rupees			4525	6144

Grand Total of Estimate .. 3635 4935

STATION _____
Dated _____ 18

(Signed) C. H. Garrett
Executive Engineer.
Tanjore 18-9-90

20,000-5-8-89.

Sd/ C. Smith Lt-Col. 12-9-90
Sd/ Chargeman 12-9
22-9-90 Supt Engineer 1st Circle

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

NEGAPATAM DIVISION
RECD. No. 1/5717
30 SEP. 90
EXECUTIVE ENGINEER'S OFFICE

2/2927
8.

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

CIRCLE— Sixth

DIVISION— Tanjore

DISTRICT— Tanjore

TALUK— Tanjore

SURG. ENGINEER'S OFFICE
No.
2 - OCT 90
P. W. D.
SIXTH CIRCLE.

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work— Constructing a standard house for Asst Superintendent of Police Estate.

Amount of Estimate— Rs. 2635-0-0

To be carried out by—

REFERENCES.

1891
Estimate No
Dy. No

Standard design for a residence for Assistant Superintendent of Police with outhouses according to sketch plan and design signed by the Consulting Architect on 12th September 1890

418/14

Terraced roofing

Descriptive Specification

Foundation— A depth of 2 feet is provided in the quantities, but this should be locally settled in accordance with the nature of soil.

Walling— The walls should be carried up in English bond according to the various thickness and heights shown on the drawing, 2 bricks and ½ brick thick, where stone is cheap the foundation may be of rough stone

Stone work— Stone slabs should be placed at the bearings of all beams. The steps may also be of stone if procurable without great expense.

Wood work— The beams and joists to be of well seasoned Burma teak, cocoanut and other timbers for the roof trusses may be of approved country wood proof against white ants.

Doors and Windows— The doors and windows

to be of well seasoned Burma teak wood. All doors opening into Verandahs will be of ⅓ panels and ⅔ Venetians. Inner doors to be panelled throughout. The windows will have outer Venetianed shutters & glazed shutters opening inside. The Ventilators will have teak panelled shutters to swing on side pivots. Doors and windows for the outhouses will be of approved country wood proof against white ants.

Cornice — Kiddapah or any other similar slabs resting on brick corbels may be fixed throughout the building to the level of the terrace. This forms a simple and effective mode of treatment instead of the usual cornice. The rain water flowing over the Cuddapah slabs will fall clear of the building. The slabs to be well fitted, joints neatly pointed with Portland Cement as shown in details.

Roofing — The roofing will consist of "puka terracing" care being taken that proper slopes are made for drainage towards the weep holes. The roofing for the Outhouses will be covered with pantiles on teak wood purlins; if the quality of these are good

good the wood unwieldy Chunam bands might be dispensed with.

Flooring — The floor may be laid with square bricks on 4" Concrete or stone slabs; the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Portland Cement flooring is provided for bathrooms, and the flooring for the Outhouses will be gravelled.

Interior and Exterior Finishing — The interior walls will be fine plastered with chalk lime & polished or plastered and whitewashed. Where good bricks or stone is obtainable the exterior should be painted. In damp soil the plinth and two feet walls about 2 feet above the floor level, should also be plastered with cement.

The different kinds of work to be done will be executed in conformity with the Standard Specification of the Public Works Department.

Chepauk
13th May 1892

Henry Irwin
Consulting Architect to Govt

(P. W. D. Code, Edition of 1885—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Residence for assistant Superintendent of Police.						418/16
Excavation for foundation:						
Dining room walls	1	74	2	8		
Bed room walls	2	40	2	0		
		160	2	8	4	2240
Verandah Order walls	2	40	0	1		
Do partitions	4	4	0	5		
Do Do	4	7	0	5		
		257	0	3	1½ 4	3219
Steps	1	57	9	1		
	1	37	0	1		
	2	4	0	1		
		96	9	1	3	0 6 41
		Total Cft				5620
Concrete.						
Dining room walls	1	74	2	8		
Bed room walls	2	40	2	8		
		160	0	2	6	1120
Verandah Order walls	1	40	0	1		
Do partitions	4	4	0	10½		
Do Do	4	7	0	5		
		257	0	3	1½	1609
Steps	1	57	9	1		
	1	37	0	1		
	2	4	0	1		
		96	9	1	0	6 27
		Total Cft				2729

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brick work in foundations, plinths						
footing courses						
Dining room walls	1	74.0	1			
Bed room walls	2	44.3	1			
		162.6	2.3	1.6	548	
Verandah outer walls	1	210	1			
Do partitions	4	6.10½	1			
Do Do	4	8.3	1			
		267.6	1.10½	1.6	757	
Above footing courses						
Dining room walls	1	74.0	1			
Bed room walls	2	45	1			
		164	1.6	0	492	
Verandah Outer walls	1	210	1.4½	2	678	
Do partitions	4	6.10½	1			
Do Do	4	9	1			
		63.6	1.4½	2	148	
Steps	1	61.9				
	1	37.1				
	2	4	1			
		96.10	1.9	1.6	145	
						2658
					Total Cub ft	

(P. W. D. Code, Edition of 1898—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Brick work in Superstructure.						418/17
Dining room walls	1	74	1.6	18	1776	
Bed room walls	2	45	1.6	18	1765	
Verandah outer walls	1	210				
Do partitions	4	6.10½				
Do Do	4	9				
		473.6	1.6½	18	3077	
Masonry projection below Verandah plate Coping						
Do Dining room	1	80				
Do Bed rooms	2	48				
Do Verandah	1	44.6				
		396.6	1.6½	0.9	110	
Masonry projection at bottom of plinth on Verandah		105.3				
Do at ends	4	3.9				
		67.6	0.2½	0.6	6	
						6724
Deduction						
Door openings	2	4.6				
Do	4	4.0				
Do	4	3.6				
		39	1.6½	6	439	
Do	6	3				
Do	3	2.6				
		21.6	1.6½	6	219	
Recesses	2	4	1.6½	6	60	
				Carried Down	718	6724

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					718	6704
Windows	9	3. 6	1. 6	4. 6	189	
Do.	6	3. 6	1. 6½	4. 6	106	
Ventilators to Dining room	6	3. 6	1. 6	0. 8	71	
Do. Bed rooms	8	3. 6	1. 6	1. 3	53	
Verandah arches (Rectangular portion)	12	6	1. 6½	6	486	
(Segmental portion)	12	6. 7½	1. 6½	1	76	
	12	4	one	1. 6½	64	
Lintels for Bed room Ventilators.	8	5	6	1. 6	0. 4½	25
Brickwork as per details.	"	"	"	1	390	
				Total Contents		4163
				Total Cubic feet		2536
Panneled partition walls.						
Over dining room	1	75	1. 3	2. 0	211	
" Bed rooms	2	95	1. 1½	2. 0	228	
" Verandah outer walls	1	250	1. 1½	2. 0	562	
				Total Cubic feet		971
Brickwork						
Over doors	2	6. 6	1			
Do.	4	6	1			
Do.	4	4. 6	1			
	49	1. 6	1. 1½		93	
Do.	6	4. 6	1			
Do.	2	3. 6	1			
	20	1. 1½	1. 1½		43	
Windows	2	4. 6	1. 6	1. 1½	61	
				Carried on		197

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Brought forward.					197.	418/18
Windows	6	4. 6	1. 1½	1. 1½	34.	
Doors.	2	6. 0	1. 6	1. 1½	17.	
Ventilators to Dining room	6	4. 6	1. 6	1. 1½	46.	
Verandah arches	12	7	1. 1½	1. 1½	106.	
				Total Cft		390.
Carried work inside.						
Across Dining room	1	58	1		58.	
" Bedrooms	2	66	1		112.	
				Total Cft Carried work		180.
Cut stone work.						
Lintels over Ventilators	8	6	1. 6	0. 4½	25.	
Stone plates under Beams	8	1-6	1-6	0-6	9	34.
				Total Cft		59.
Boarded Slabs for Copings						
2" thick.						
Dining room	1	36	1			
Bed rooms	2	61	1			
Verandah	1	220	1			
		408.	6.	6.	1021.	
				Total Sq ft		1021.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Teak wood wrought and put up.						
Dining room.						
Beams	2	16. 6	0. 9	0. 12	26	
Joists 12" apart	10	21. 6	0. 3	0. 6	22.	
Bed rooms.						
Beams	2	16. 6	0. 9	0. 12	26	
Joists 9" apart	20	15. 6	0. 3	0. 6	37	
Verandah.						
Joists 12" apart for front	26	8. 4½				
Do rear	49	8. 4½				
		703. 6	0. 3	0. 6	72.	
Do ends	32	2. 6	0. 3	0. 6	4.	
				Total Cub. ft.	917.	
Trussing.						
Dining room	1	21. 0	15. 0		315	
Bed rooms	2	15. 0	15. 0		450	
Verandah front & rear	2	73. 0	7. 10½		1150	
Do ends	2	16. 0	10. 0		320	
				Total Trussing Sft.	2235	

(P. W. D. Code, Edition of 1886.—Paras. 921, 931).

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.
1	2	3	4	5	6	7
4 18/19						
Doors.						
Teak panel and Venetian doors with frames, hinges, locks and other fittings complete door opening into Verandah.						
Do for Dining room	2	4		7. 6.	60	
Do Bed rooms	2	4. 6		7. 6.	90	
Do Dressing room	2	3. 6		7. 6	52	
				Total Sq. ft.	147 180	
Teak panel doors with frames and Iron fittings						
Inner doors to Bed rooms	2	4. 0		7. 6	42	
Do	8	3. 6		7. 6	168	
Do	2	2. 6		7. 6	28	
				Total Sq. ft.	245	
Windows.						
Venetian windows with glazed Shutters inside frames 6½" by 6" hinges, locks bolts and other fittings complete.						
Do	14	3. 6	4. 6	168	220½	168 220½ Sq. ft.
Ventilators						
Teak Ventilators with panelled shutters frames &c.						
Dining rooms	6	2. 6	2. 3	32		
Bed rooms	8	3. 6	1. 3	33		
				Total Sq. ft.	50	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Filling in basement.						
Dining room	1	20 - 0	14 - 0	1 - 0	280	
Bed rooms	2	14 - 0	14 - 0	1 - 0	392	
Bath room	2	9 - 3	9 - 0	1 - 0	167	
Dressing room	2	12 - 6½	9 - 0	1 - 0	225	
Pantry & Store room	2	14 - 0	6 - 10½	1 - 0	193	
Verandah front	1	51 - 9	6 - 10½	1 - 0	356	
Do rear	1	41 - 9	6 - 10½	1 - 0	287	
				Total Sq ft		1817
Flooring with 8" Sqre bricks in cham on "a" Concrete and pointing with cement						
Dining room	1	20 - 0	14 - 0		280	
Bed rooms	2	14 - 0	14 - 0		392	
Dressing room	2	12 - 6½	9 - 0		225	
Store & Pantry room	2	14 - 0	6 - 10½		193	
Verandah front	1	51 - 9	6 - 10½		356	
Do rear	1	41 - 9	6 - 10½		287	
Between pillars	12	6 - 0	1 - 1½		81	
				Total Sq ft		1817
Paving with 12" Square bricks & pointing with Cement						
Front Steps	1	67 - 9				
Rear Do	1	37 - 0				
Inside	2	4 - 0				
		96 - 9			194	
				Total Sq ft		194

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
4 18 / 28						
Flooring with 4" Concrete on which a course of brick will be laid flat & plastered over with cement.						
Bath rooms	2	9 - 3	9 - 0		167	
Door Sills	2	3 - 6	1 - 0		7	
Do	2	2 - 6	0 - 9		4	
Do	2	3 - 6	0 - 9		5	
				Total Square feet		183
Plastering interior two coats						
Dining room	1	68 - 0		16 - 3	1037	
Bed rooms	1	66 - 0		12 - 3	636	
Bath rooms	2	36 - 6		9 - 3	675	
Dressing rooms	2	42 - 9		9 - 3	791	
Store rooms	2	41 - 9		9 - 3	772	
Doors Jambs & Soffits	2	19 - 6				
Do Do	4	19 - 6				
Do Do	4	18 - 6				
		187 - 0	1 - 1½	"	213	
Do Do	6	18 - 6				
Do Do	2	17 - 6				
		144 - 0	1 - 1½		166	
Recess Do	2	19 - 0	1 - 0		38	
Windows Do	8	16 - 0	1 - 1½	"	144	
Do Do	6	16 - 0	0 - 9	"	72	
Ventilators Do	6	1 - 6	1 - 1½		13	
Do Do	8	9 - 6	1 - 1½		96	
						4766
Deductions						

(P. W. D. Code, Edition of 1886—Paras. 931, 931).

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.
1	2	3	4	5	6	7
Brought forwards						4766.
Deductions.						
Doorways	2	4·6				
Do	6	4·–				
Do	11	3·6				
Do	6	2·6				
		92·–	7·6		690	
Windows	11	3·6	4·6		221	
Ventilators	6	0·6	2·3		47	
Do	8	3·6	1·3		36	
				Total Deductions		993.
				Total Sqyds.		3763.
Painting Exterior.						
All round basement		216	1·6		325.	
Walls all round		216	11·0		2145.	
Dining room wall over terrace	2	22·6	0·6		15	
	2	14·6	2·6		73.	
Bed room walls over Do.	2	63·–	2·6		240	
Parapet over dining room	1	75·–	6·0		469	
Do Bed rooms	8	45·–	6 1/2		587	
Do Verandah	1	210·–	6·11/2		1286.	
Front Verandah		117·3	9·3		1085.	
Rear Do		97·3	9·3		900	
Archways Jambs & Soffits	12	20 1/2	1·11/2		277.	
Ends of Steps	8	2·0	0·9		12	
Carried Total					7471	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forwards						7479.
Deductions						
Doorways	2	4·6				
Do	2	4·–				
Do	6	3·6				
		38·0		7·6	295.	
Windows	14	3·6		4·6	221	
Ventilators	6	3·6		2·3	47.	
Do	8	3·6		1·3	35.	
Archways in Verandahs (Rectangular portions)	2	12	4·–	6·–	864	
	2	12	5·7 1/2	1·0	136	
(Semicircular portions)	2	12	4·–		96.	1693
				Total Sqyds.		5786.
Painting doors & windows						
Panel & Venetian doors	2	4·6				
Do	2	4·–				
Do	2	3·6				
		24·–	20/4	7·6	495.	
Panel Doors	2	4·–				
Do	8	3·6				
Do	2	2·6				
		41·0	27/4	7·6	697	
Venetian & glazed windows	11	3·6	3/2	4·6	772	
Ventilators	6	2·6	2/4	2·3	106.	
Do	8	3·6	2/4	1·3	77.	
				Total Sqyds.		2144

418/21

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Painting wood work of the roof with 3 coats of zinc white.						
Beams	2	14-0		2·9	77	
Jacks	10	18·6		1·1	200	
Beams	2	14-0		2·9	77	
Jacks	20	13·3		1·1	287	
Do	80	6·10½		1·1	596	
Do	32	9·0		1·3	360	
				Total Sqft		1597

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Kitchen & Servants Quarters.						418
Excavation & filling in basement.						27
Wall all round		90·6	3·0	2·0	543	
Cross walls	2	8·6	2·7½	2·0	39	
Fire place	2	2·6	1·6	1·0	8	
Steps	3	3·6	1·0	0·6	6	
				Total Cubft		646
Concrete.						
Wall all round	1	90·6	3·0	1·0	272	
Cross walls	2	8·6	2·7½	1·0	45	
Fire places	2	2·6	1·6	1·0	8	
Steps	3	3·6	1·0	0·6	6	
				Total Cft		331
Brick in mud for foundation and basement.						
Wall all round		90·6	2·0	1·0	244	
Do		90·6	1·10½	1·0	170	
Cross walls	2	9·3	1·10½	1·0	35	
Do	2	7½	1·6	1·0	29	
Fire place	2	2·6	1·6	1	8	
Steps	3	3·0	1·0	0·6	5	
				Total Cubfeet		491

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Superstructure:						
Wall all round		90·6	1·6	8·0	1086	
Cross walls	2	10·0	1·5½	8·6	191	
Gable ends	2	10·0	1·6	1·9	53	
Do	2	10·0	1·½	1·9	39	
Fire place piers	1	10·0	2·6	2·0	50	
" "	1	10·0	1·6	0·9	11	
" "	2	2·6	0·9	6·0	23	
" "	2	0·9	0·9	5·0	6	
" Chimney over roof	1	2·3	1·6	2·6	9	
" Cap over do	1	2·9	2·0	0·9	4	
				Total Cubic ft		
Deduction.						
Door ways	3	3·0	1·6	6·0	81	
Windows	3	3·0	1·6	4·0	54	
Arches under pegals	2	3·0	2·6	1·0	15	
Archwork	2	4·0	2·6	0·9	15	
"	3	4·0	1·6	1·3	23	
"	3	4·0	1·6	1·3	23	211
				Net Total Cubic ft of Superstructure		1960
Archwork brickin chimneys.						
Door ways	3	4·0	1·6	1·3	23	
Windows	3	4·0	1·6	1·3	23	
Arches under pegal	2	4·0	2·6	0·9	15	
				Carried Over	61	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
						418
Brought forward					61.	23
Arch in front of fire place	1	8·6	0·9	0·9	5.	
Do Over Do	1	10·6	2·6	1·3	33.	
				Total Cubic ft	99.	
Common work for gable ends	2	16·			32	32 Cft.
Plastering inside.						
Room including gables	3	40—		9·6	1140	✓
Jams & soffits of door ways	3	15·0		1·6	68	✓
Do Windows	3	11·0		1·6	63	✓
Do arch under fire place	2	3·6	2·6	"	18	✓
Do Do in front do	1	10·6	0·9	"	9	✓
Do Do	1	9·6	1·9	"	17	✓ 1315.
Deduction						
Door ways	3	3·0	6·0		54	✓
Windows	3	3·0	4·0		36	90
				Total Cubic ft		1225
Do Whitewashing Ceiling						1225
Painting outside.						
All round outside		96·6		7·6	724	
Gable ends	2	13·0		2·0	52	
Basement all round		98·0		1·3	122	
Round chimney over roof	1	7·6		2·6	19	
Cap over do	1	2·9	2·0	"	6	924
Deduction						
Door ways	3	3·0		6·0	54	
Windows	3	3·0		4·0	36	90
				Total Cubic ft		834

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Wood work.						
Rafters for couples	12	10·0	0·3	0·4	35	
Collar pieces	21	6·6	0·3	0·4	11	
Wall plates	2	32·0	0·4	0·2	4	
				Total	cft	50 cft
Roofing.						
Over 3 rooms	2	36·9	10·		736	
Ded. Space of Chimney	1	2·3	1·6		3	
				Total	Sqft	732
Flooring.						
Servants quarters & Kitchen	3	10·0	10·0		300	
Ded. Fire places	3	2·6	1·6		11	
				Total	Sqft	289
Doors and Windows						
Doors	3	3·		6·	54	41 25
Windows	3	3·		4·	36	
				Total	Sqfeet	90 67

A. W. D. Code, Edition of 1883—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Coach Houses & Stalls.						418 / 24
Excavation & filling in basement						
Coach house	1	54·0	3·0	3·6	167	
Rear wall of Stables	1	28·6	3·0	2·0	171	
Side walls	1	12·0	3·0	2·0	72	
Pillars	2	3·0	3·0	2·0	36	
Partition walls	2	8·6	2·0	2·0	68	
				Total	Cft	914
Carcase.						
Coach house	1	54·0	3·0	1·6	243	
Rear wall of Stables	1	28·6	3·0	1·0	86	
Side walls	1	12·0	3·0	1·0	36	
Pillars	2	3·0	3·0	1·0	18	
Partition walls	2	8·6	2·0	1·0	34	
				Total	Cub. ft	417
Brick in Mud.						
Foundations of basement						
Coach house	1	54·0	2·0	3·0	243	
Do	1	54·0	1·0	1·0	101	
Rear wall of Stables	1	28·6	2·0	3·0	64	
Do	1	28·6	1·0	1·0	53	
Side walls	1	12·0	2·0	3·0	27	
Do	1	12·0	1·0	1·0	23	
				Carried Over		511

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					611	
Partition walls	2	9 3	1 3	1 0	23	
Do	2	9 7½	1 0	1 0	19	
				Total Cubic ft		653
Superstructure brick in mud						
Coach house	1	54 0	1 6	11 0	891	
Gable ends	2	10 0	1 6	1 9	53	
Rear wall of stables	1	28 6	1 6	8 0	342	
Side wall of do	1	12 0	1 6	8 6	153	
Gables	1	12 0	1 6	2 0	36	
Partition walls	2	10 6	0 9	5 0	79	1554
Deduction						
Archway to Coach house	1	7 0	1 6	5 6	58	
Circular portion	1	19 3	area	1 6	29	
Archwork	1	13 4½	1 6	1 6	30	117
				Total Cub ft		1437
Brick in chimneys						
Pillars	2	2 3	2 3	1 0	10	
	2	1 10½	1 10½	1 0	7	
Do above	2	1 6	1 6	7 6	34	
				Total cft		51
Archwork brick in chimneys as deducted Note					30	
Cornice work for gable and	3	16 0			48	4:7 Aft

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Plastering inside.						418
Coach house	1	48 0		11 0	528	25
Gable ends	2	10 0		1 9	35	
Rear wall of Stables	0	25 6		8 6	217	
Do over partition walls	0	0 9		3 6	6	
Side walls	2	12 0		14 0	336	
Partition walls	2	8 6 (10)		10 9	183	
Jambs & soffits of archways	0	22 0	1 6	0	33	1337
Deduction						
Archway in Rectangular portion	1	7 0		5 6	39	
Coach house & Circular do	1	19 3	area	0	19	58
				Total Sq ft		1279
Do Whitewashing Coach.						1279
Painting Outside.						
Coach house walls		46 6		10 0	465	
Gable ends	2	13 0		2 0	52	
Basement to do		47½		1 3	59	
Rear wall of Stables	1	28 6		8 0	228	
Side wall of do	1	13 6		8 0	108	
Gable ends	1	13 6		1 9	24	
Pillars	2	4 6		7 6	69	
"	1	1 6		7 6	11	
Basement	0	34 12½		1 3	43	1058
Deduction						
Archway	1	7 0		5 6	39	
"	1	19 3	area		19	58
				Total Sq ft		1000

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3.	4	5	6	7
Wood work						
Rafters for couples to coach houses	11	10-00	3·0	4	9 2 0	
"	9	3·6	0·3	0·4	6 4 6	
Collar pieces	10	7·6	0·3	0·4	6·3·0	
Wall plates	2	15-00	4·0	2	1 8 0	
Breastsummers to stables	1	30 00	5·0	7	7 3·6	
Wall plates to D°	1	28·00	4·0	2	1 6 8	
Rafters for couples	38	10 0 0	3·0	4	31 8 0	
Collar pieces	19	5·00	3·0	4	11 2 0	
Ridge pieces	1	4·6	0·3	0·4	0 4 6	
Valley rafters	2	5·00	3·0	4	0 10 0	
Jack rafters	4	3·00	3·0	4	1 0 0	
		Total cubic ft			72 10 2	= 79 cft.
Decking						
Coach houses	2	18·6	10·3	"	379	
Stables	2	29·3	10·3	"	600	
		Total sq ft			979	
Flooring						
Coach houses	1	14 · 0	10 · 0	"	140	
Stables	3	10·6	10·6	"	331	
Between pillars	3	8 · 0	1·6	"	36	
Ramps in front of Stables	3	8·0	3·0	"	170	
D° coach houses	1	7·0	4·0	"	28	
		Total sq feet			707	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Iron rings 4" dr to be leaded in a stone block and firmly fixed in the ground for tying horses	3	"	"	"	3	3 Nos 4/8
Bars 1/2 D 2 1/2 long 2 to each stable	6	"	"	"	6	6 Nos

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Residence.				
5320	cft. Excavation for foundation	4-10-0	cft.	26	
2826	" Concrete	40-0-0	Ton	396	
2608	" Foundation & basement with stock bricks in chunam	4-9-0	"	598	
4556	" Superstructure Do Do	2-0-0	"	904	
770	" Ornamental parapet work stock bricks in chunam	2-8-0	"	260	
390	" Archwork do do	2-2-0	"	88	
180	" Cornice work do do	5-0-0	cft.	66	
26	" Cut stone work	2-0-0	cft.	60	
1020	Sft. Cuddapah slabs for cornice including fixing and pointing with cement	1/2	Sft.	255	
219	cft. Teak wood rough hand put up.	3-8-0	cft.	767	
2237	Sft. Terracing with brick on edge jelly 3 thick, 2 coats of plat thus & 2 coats of plastering on top and no ceiling	2-7-0	Sft.	603	
147	Sft. Teak wood panelled double door with frames fixings, locks & other fittings complete	1-1-0	Sft.	158	
	Raised & Arches				

Grand Total of Estimate ..

STATION

Dated ..... 189 .

40,000—22-6-01

Executive Engineer.

REFERENCE TO MADRAS P. W. D. CODE, EDITION OF 1886.

PARAS. 921, 932, &c., 949, 952—955, 962—964.

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

418/29

ESTIMATE FORM.—Abstract.

Quantity	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward.			1178	
245 Sqft	3 ft Teak wood panel doors with frames 3"/4 x 6" hinges hooks and other fittings complete.	6.00	3ft	216	
108 Sqft	" Teak wood Venetian windows with glazed shutters inside fixtures 3"/4 x 5" hinges hooks bolts and other fittings complete	100	"	108	
50 Sqft	" Teak wood panelled ventilators with frames complete.	1.00	"	50	
1578 Cft	Filling in basement	0.50	"	79	
1812 Sft	Flooring with 6" Sqr bricks in chunam on 4" Concrete and painting with Coal Tar Composition	0.10	Sft	181	
194 "	Paving with 12" sqr bricks and painting with Composition	0.20	"	39	
183 "	Flooring with concrete 4" thick one course of bricks on edge brick work to be laid flat and plastered over with Cement.	1 0 0	"	183	
	Carried Over			1940	

Grand Total of Estimate ...

STATION

Dated 189

Executive Engineer.

45,000—22-6-21

Reference to Madras P. W. D. Code,
Edition of 1886.
Para 921, 932, &c., 949, 952—955, 962—964.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			6967	
3763	Sft. Plastering with 2 coats of chunam polished inside.	2-8-0	100 Sft.	94	
5795	" Painting with tar and asphalte.	2-8-0	"	144	
4164	" Painting doors & windows with 3 coats of Carsons Oak paint.	2-12-0	"	59	
1597	" Painting wood work with 2 coats of zinc white paint.	2-12-0	"	44	6495
	Kitchen & Servants Quarters.				
636	Cft. Excavation & filling in basement.	4-10-0	100 Cft.	3	
331	" Concrete	4-8-0	"	46	
451	" Foundation & basement country bricks in mortar	4-8-0	"	64	
126	" Superstructure do do	12-8-0	"	155	
99	" Brickwork brick on edge	9-8-0	"	18	
32	Rft. Cornice work	2-8-0	Rft.	6	
1290	Sft. Plastering with 2 coats of Chunam	1-9-0	100 Sft.	19	
				40	6495
	Carried to Abstract			305	6495
	Grand Total of Estimate ..				

Station _____

Dated _____ 189 .

Executive Engineer.

10,500—22-4-91

5134
2-A- 85
2-8- 144 (Stone C.A. in Rubble in Cement Mortar)
3-8- 75
2-8- 40
5-8- 2
12- 40
14- 240
25- 25
6- 12
1-12- 21
340
5478

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

418/37

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward.			302 4	5295
1970	Sft. Whitewashing 2 coats	0 0 6	100 Sft.	2	
834	" Pointing with cement	0 2 0	"	17	
50	cft Jungle wood & wrought add put up	0 2 0	cft	100	
732	Sqft. Roofing with teak rafters pantiles & chunam border complete.	0 3 0	100 Sft.	24	
287	" Flooring with granolithic	0 2 0	"	6	
50	" Jungle wood batten doors and windows with frame & iron fastenings complete	0 8 6	Sft.	43	
					642
	Coach houses and Stalls.				
94	cft. Excavation & filling in basement.	0 0 4	100 cft.	4	
417	" Concrete	0 4 0	100 "	17	
553	" Country bricks in mud for foundation & basement	0 2 0	"	11	
1427	" Do Superstructure	0 2 0	"	29	
67	" Country bricks in chunam	0 2 0	"	13	
30	" Arch work Do.	0 4 0	"	12	
	Carried Over Rupees			323 4	5937

Grand Total of Estimate ..

STATION _____
Dated _____ 189

Executive Engineer.

10,000—22-6-21

Reference to Madras P. W. D. Code,
Edition of 1886.

Paras. 921, 932, &c., 949, 952—955, 962—964.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

418/25

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			322	6057 5835
48 Sft	Carried work with Country bricks in chunam	23.0	Sft	9	
1079 Sqft	Plastering with 1 coat of chunam	1.0	Sq ft	20	
1079 "	White washing 2 coats	0.2.6	"	2	
1000 "	Painting with cement outside	0.2.0	"	20	
79 Cft	Jungle wood unenumerated for roof	2.0	Cft	158	
979 Sft	Roofing with tak nagpur nails and patties and chunam leaders. Complete	11.80	Sq ft	115	
727 "	Flooring with granal 4" thick and well rammed	23.0	"	16	
3 Set	Iron rings 4" dia to be leaded in a stone block and firmly fixed in the ground for tying horses	2		6	
6 "	Bamboos 3 x 4 x 9 ft long	1.0.0	"	3	
					6057
	Contingencies at 6%				363
	Petty Supervision Charges				40
					6460
	Grand Total of Estimate ...				6460

Station Chepauk
Dated 13th May 1892.

Henry Irwin
Executive Engineer
Coimbatore Division

418/35

Coimbatore

Rate Amt

35 6180

6 ..

1.12 ..

3 ..

4 ..

2.8 .. 14

8 .. 176

12 ..

820

35

17½

52½

Deduct 25

Sheeting 27

Omitted Later

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. FORM, 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—Residences for Assistant Superintendents of Police & Cart houses

Amount of Estimate, Rs.—9220

To be carried out by—

REFERENCES.

P. W. D.

Office of the Consulting Architect to Govt.
Egmore, Madras,
the 2nd May 1892.

No. 1443

From
Henry Irwin, Esqr. C.I.E.
Consulting Architect
to the Government of Madras.

To
The Chief Engineer
& Ex-officio Secretary
P.W. Department.

Sir,

I have the honor to submit herewith the approved design for Residences for Assistant Superintendents of Police and out houses with Bracket Verandahs, with specifications & schedules of quantities & Report which have been prepared in accordance with the Provisional rules at the Provincial rates.

The Drawings were prepared in communication with the Inspector General of Police.

I also design & Estimate for the same bearing the original papers received with Govt. memo. dated 28th

I

I have the honor to be
Sir
Your most Obedient Servant
Henry Inwin
Surveying Architect
to Government

418
38

No. 7.

CURRENT No. 5757 5696 1257

Public Works Department.

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P.W.D

No. 448

Dated 14th
Despatched
Received 16 } May 1892.

No. of Enclosures. 5 (2 plans)

Subject.

Submitting a standard design for a Residence for assistant superintendent of Police with terraced roofing.

E854

4/18/38

No. 2714 C dt 28th May 1892

To C.A

Please explain why the design approved by Government in G.O. No. 2592 W dt 28th September 1891 has been departed from.

S
17/5 Ett.

No. 17.

4/18/38

OFFICE OF THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

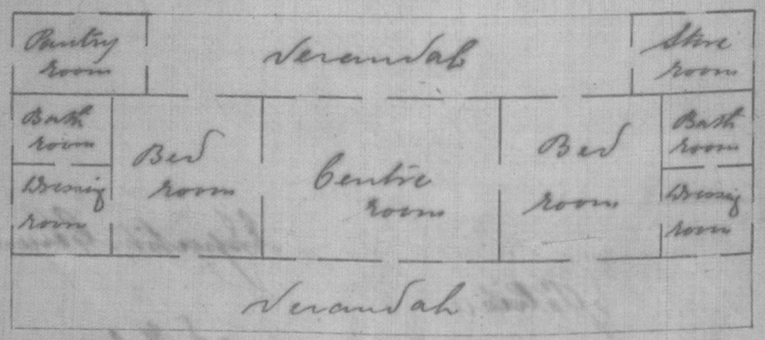
Chepak, _____ 189 .

No.

Copy of a communication from the Inspector General of Police, to the Consulting Architect to Government, No. 601 dated 25th February 1892.

I have the honor to state that in my opinion the type design which accompanied your letter No. 3684 dated 21st January 1892 represents too elaborate and too large building for the residence of an Assistant Superintendent of Police and one that with out houses and stables can scarcely be built for the sum Rs 5900/- allowed by Government.

I would suggest the entire accommodation being placed on a basement floor and that it have the following accommodation, one large centre room with bed rooms on each side having dressing & bath rooms attached pantry store room something of this plan with plenty of large doors & windows and wide ventilation.



(True copy)

Henry Irwin
Consulting Architect
to Govt.

No. 17.

418/40

OFFICE OF THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

Chepak, _____ 189 .

No.

COPY of a communication from the Inspector General of Police to the Consulting Architect to Government, No. 1996 dated 4th April 1892.

In returning the pencil plan of proposed type of a residence for an Assistant Superintendent of Police, forwarded with your letter No 1417 dated 28th March 1892, I have the honor to inform you that I fully approve of your plan and do not think that the accommodation ought to be reduced in any way.

(True copy)

Henry Irwin
Consulting Architect
to Govt.

No. 1. P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
31st May 1892.

No. 625

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

8 Enclosures.

In returning the papers received with your Endorsement No. 2914 C dated the 23rd inst. I have the honor to state that in January last the Inspector General of Police requested me to furnish him with a copy of the revised type design for Assistant Superintendents Bungalow. I then sent him the plans recorded with G.O. No. 2592 dated the 28th September 1891 which was the adopted as a type design with certain improvements. The plans was returned with his letter No. 61 dated 2nd February 1892 (a copy of which is enclosed) I then forwarded a pencil drawing in accordance with the suggestions contained in his letter and enclose copy of his reply No. 1996 dated 4th April 1892.

approving of the same. The plan & Estimate was furnished & submitted Vapor with this Office No 448 Dated 11th May 1892.

2. I beg to add that if the upper storied design is properly finished with materials of a lasting nature it will cost more than the design now submitted.

3. I regret that I should have departed from the exact intentions of the instructions but I thought that I was at liberty to make a design in consultation with the Head of the Department concerned

I have the honor to be
Sir
Your Most Obedient Servant
Henry Irwin
Consulting Architect
to Government

P. W. CURRENT No. 5790

Public Works Department.

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer P & W D.

No. 623

Dated 31st May 1892
Received 1.6.92

No. of Enclosures. 7 & 9 (or 2 plans)

Subject.

Submitting Explanatory why the design for a Residence for Assistant Superintendent of Police, approved by Govt: has been departed from.

No 3141 C dy/21st June 1892

Returned to the Consulting Architect who is requested to resubmit these papers with an estimate based on the design approved in G.O no 2592 W dated 28th September 1891.

Colonel RE
Chief Engineer P.W.D.

2
2nd C
14
4568.

1892
Dept.
Enclos. No. 6
To
Rec'd

4.18
42

4.18
4B

No. 7c

Public Works Department.

418/43

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS.

To

THE Chief Engineer
P.W.D.

No. 1927

Dated 23rd
Despatched September 1892.
Received 24

No. OF ENCLOSURES. 17 & 8 Cubics

Subject.

Resubmitting plans and Estimate for a residence for Assistant Superintendent of Police.

Memo No 3141C dated 21-6-92.
" 2714 " 20.5.92
" 1629 " 29-3-92.
" 225 " 15.6.91
" 105.6 " 28.4.91
Estimate 795 " 24.3.86
" 632 " 5.3.86
" 2572 " 28.9.91
Memo No 815 " 8.9.91
" 787 " 1.9.91
" 706 " 14.8.91
" 3537 " 1-8-91
" 3205 " 7.7.91
" 260 " 23.5.91
Estimate No 1968 " 13.7.90
" 2894 " 3.11.90
" 2360 " 2.9.90
" 2187 " 12.8.90

No. 1.

P. W. D.

418/43 Office of the Consulting Architect to Govt.,
Chepauk, Madras,
23rd September 1892.

No. 1927

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

17 Enclosures.

With reference to your Endorsement No. 3141C dated 21st June 1892, I have the honor to resubmit the plan and Estimate for a residence for Assistant Superintendent of Police with proposed drawing and Estimate based on the design approved in G.O. No. 2592 dated 28th September 1891. The original plan & Estimate and letters received with the G.O. referred to are also herewith returned.

I have the honor to be
Sir
Your most obedient Servant

Henry Irwin
Consulting Architect
to Government.

418/11

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Work. "Residence for Assistant Superintendent of Police"						
Excavation for foundations	Quantities as per C to C estimate					5621 Cft
Concrete in foundations	Do.			Do.		2312 Cft
Brickwork in chunam, foundation & basement	Do.			Do.		3129 Cft
Brickwork in clay. Superstructure. ground floor	Do.			Do.	3516	
Deduction brick in chunam.						
Top of large hall room walls	1	70·0"	1·6"	1·0"	105	
Do. small Do.	1	54·0"	1·6"	1·0"	81	
Do. hall front & rear walls	2	20·0"	1·6"	1·0"	60	
Do. stair case & front verandah	1	33·0"	1·6"	1·0"	50	
Do. cross wall front verandah	1	6·6"	1·6"	1·0"	10	
Do. rear walls of bath room	2	11·6"	1·6"	1·0"	35	
Do. cross walls of Do.	4	7·0"	1·6"	1·0"	42	
Pillars in front	4	1·6"	1·6"	5·8	51	
Do. in rear	4	1·6"	1·6"	6·6"	59	
add extra for pillar bases	"	40·6"	0·2½"	1·0"	9	
Jambs of doorways	2×4	0·9"	1·6"	8·0"	72	
Do. Do.	2×1	0·9"	1·6"	8·0"	18	
Do. Do.	2×2	0·9"	1·6"	7·0"	32	
Do. Do.	2×2	0·9"	1·6"	6·6	29	
Jambs & sills of windows	9	5·6"	1·6"	0·9"	157	
Do. Do.	1	12·0"	1·6"	0·3"	14	
Do. Do.	1	8·0"	1·6	0·9"	9	
Carried over					833	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Brought forward					833	
Pairs of stairs	1	15·0	3·0	6·6	293	
Parapets D°.	1	30·0	0·6	2·6	45	
D°. inner stairs	1	25·0	0·6	3·0	38	
Coping all round ground flow	1	143·0	0·3	0·9	27	
Total deductions brick in chimneys C/r.					1236	2260
Total C/r of brick in steps less deductions						1025
Brick in steps. Superstructure, upper ground flow. Quantity as per Cft. Schedule					2054	
Deductions for Brick in chimneys						
Trip of rear wall under main wp	1	45·7½	1·1½	1·0	52	
D°. front wall D°	1	34·1½	1·1½	1·0	39	
D°. D°. verandah wp	2	11·6	1·1½	1·0	26	
D°. of Gables, main wp	4	17·0	1·1½	1·0	77	
D° D°. verandah wp	3	7·3	1·1½	1·0	25	
Pillars in front	4	1·1½	1·1½	6·6	33	
Add extra for bases	1	18·0	0·2½	0·9	3	
Parapets between pillars	3	5·8	0·9	0·9	10	
D°. D°.	3	5·8	0·6	1·9	15	
D° D°.	3	5·8	0·9	0·6	7	
Jambs of doorways	2×3	0·9	1·1½	8·0	41	
D°. D°.	2×1	0·9	1·1½	7·0	12	
D°. D°.	2×1	0·9	1·1½	6·6	11	
Jambs & sills of windows	7	5·0	1·1½	0·9	89	
D° D°	5	12·0	1·1½	0·9	51	
D°. D°.	1	8·0	1·1½	0·9	7	
Total deductions bricks in chimneys C/r					498	
Total C/r of brick in steps less deductions						1556

4/8/46

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brickwork in chimneys, ground flow. Quantity as per Cft schedule						259 C/r
D° D° upper flow		D°.		D°.		96 C/r
Brickwork in chimneys for steps in stairs		D°.		D°.		65 C/r
Cut-stone work		D°.		D°.		14 C/r
Tenkerwood wrought & put up						
Girders ground flow	2	16·6	0·7	1·0	19.	
D°. chimneys	2	8·0	0·5	0·8	4.	
Planks in gables	2	4·0	1·6	0·3/4	1.	
Bargeboards	2	12·0	0·3/4	0·7½	3.	
D°	2	21·4½	0·3/4	0·7½		
D°	6	1·3	0·3/4	0·9	1.	
Eave boards	1	49·0	0·2½	0·7	2.	
D°.	2	19·0	0·3/4	0·7	1.	
Gable planks	4	4·0	0·3/4	1·6	2.	
Barge boards	2	7·0	0·3/4	0·7½	1.	
Eave board of rear verandah	1	40·0	0·3/4	0·7	2.	
Total C/r of Tenkerwood wrought & put up						36 C/r.
Jungle wood wrought & put up. Quantity as per Cft schedule					390	
Deduct Tenkerwood as per details					36	
Total C/r of Jungle wood wrought put up						354 C/r
brought in work. Quantity as per Cft schedule						90 Hs

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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.
1	2	3	4	5	6	7
Teakwood panel & ventilating doors		Quantity as per C/As Estimate				114 S/ft.
Teakwood panel doors with frames Ft.		Do.		Do.		139 S/ft.
Teakwood louvred doors Do.		Do.		Do.		42 S/ft.
Teakwood ventilating windows Do.		Do.		Do.		253 S/ft
Teakwood glazed swinging ventilators		Do.		Do.		6 S/ft
Wooden screen partitions with teak frame ½" planking including door		Do.		Do.		73 S/ft
Flooring basement with 8" engine bricks laid on 4" of concrete		Do.		Do.		1026 S/ft
Paving steps with 12" engine bricks		Do.		Do.		197 S/ft
Do. 9" Do.		Do.		Do.		62 S/ft.
Flooring with concrete 4" thick Ft.		Do.		Do.		130 S/ft.
Terrace flooring with bricks on edge Ft.		Do.		Do.		753 S/ft.
Do. Do. with cement plinth		Do.		Do.		76 S/ft.
Terrace bricks on edge Ft. for steps		Do.		Do.		86 S/ft.

4/8/47

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Roofing with flat 4 pan tiles Ft.		Quantity as per C/As Estimate				2184 S/ft.
Lead sheeting for valleys		Do.		Do.		74 Lbs.
Plastering with chunam 2 coats		Do.		Do.		6883 S/ft.
Painting interior with chunam		Do.		Do.		3427 S/ft.
Painting doors & windows & exposed roof timbers		Do.		Do.		2490 S/ft.
Wood oiling roof timbers		Do.		Do.		3557 S/ft.

(P. W. D. Code, Edition of 1886—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.		
1	2	3	4	5	6	7

ESTIMATE FORM.—Abstract.

418/48

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
5621	Cft of excavation for foundations	4.10..	1000	26	
2312	Cft of Concrete in foundations	14....	100	324	
3129	Cft of Brickwork in chunam for foundations & Plinth Measurement	17....	100	532	
1893	Cft of brickwork in clay in superstructure, Ground floor	13....	100	246	
1556	Cft of brickwork in clay in superstructure, upper floor	14....	100	218	
1236	Cft of brickwork in chunam in superstructure, ground floor	18....	100	222	
498	Cft of brickwork in chunam in superstructure, upper floor	19....	100	95	
259	Cft of Arch work in chunam, Ground floor	19.5..	100	50	
96	Cft of Do. Do. upper floor	20.5..	100	20	
65	Cft of brick in chunam for forming steps in stairs	20.8..	100	13	
		2.....	Cft.	28	
14	Cft of Cut stone work	3.8..	Cft.	126	
36	Cft of Teakwood wrought & hewn wk	2....	Cft.	72	198
354	Cft of Junglewood wrought & hewn wk	..5..	Lbs	17	
90	Lbs of wrought iron work				
114	Sft of Teakwood panel & venetian doors including frames iron bolts &c.	1.1..	Sft	121	
139	Sft of Panelled doors with frames iron bolts fastenings &c.	..14..	Sft	122	
42	Sft of Batten doors Do. Do.	..15..	Sft	39	
	Carried over Grand Total of Estimate ..				2307/1996

Station .....

Dated 189

Executive Engineer.

44,000—22-2-91

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract 418/06

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2.	3	4	5	6
		RS.		RS.	RS.
	Brought forward			2907	
253	Sft. of Venetian windows with frames 4½	1.2..	Sft.	285	
6	Sft. of Glazed swinging ventilators 4½	0.13..	Sft.	5	
73	Sft. of Wooden partition with teak frame ½" planking including door	0.12..	Sft.	55	
1026	Sft. of flooring basement with 8" square bricks laid in mortar in 1:4 bed of cement & pointing with cement	11.14..	100	122	
197	Sft. of paving steps with 12" square bricks laid in mortar & flat pointed with Portland cement	11.8.0	100	22	
62	Sft. of D°. D°. with 9" sq bricks & pointed with cement	7.4..	100	4.	
130	Sft. of flooring with cement 4" thick well rammed including a course of well bricks laid in mortar 1:4 cement bed & plastered over with Portland cement ½" thick	12.3..	100	16.	
753	Sft. of terrace flooring with bricks on edge 3" cement & one course of flat tiles plastered above & ceiling with chunam, well rubbed & polished	21.6..	100	161	
76	Sft. of D°. D°. plastered above with Portland cement & ceiling with chunam	22.12..	100	17	
					3594
	Carried over. Grand Total of Estimate ..				3594

STATION _____

Dated _____ 189 .

Executive Engineer.

40,000.—22.6.01

Reference to Madras P. W. D. Code,
Edition of 1886.
Paras. 921, 932, &c., 949, 952—955, 962—964.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward.			3688 3594	
86	Sq ft of Terrace with brick on edge, 1 layer underneath for stairs	10-1-6	100	9	
2184	Sq ft of roofing with glass & pan tiles inclusive teak rafters 2"x½"	14-1-0	100	307	
74	Nos of lead flashing for valleys 7/16 thick	1-2-6	₰	12	
6883	Sq ft of Plastering interior with 2 coats of chunam & portishan	2-8-0	100	172	
3427	Sq ft of Pointing exterior with chunam	2-0-0	100	69	
2490	Sq ft of Painting doors & windows & wood work & roofing with 3 coats Cuddapah paint	2-12-0	100	68	
3557	Sq ft of Painting roofing with timbers & coats	1-12-0	100	51	
	Total B			4262 4351	
	Petty supervision 2½%			105 109	
	Contingencies 5%			213	
	Total for main building			4580 4560	
	add for outhouses			1310	
	Grand Total of Estimate ..			5890	

Station _____

Dated _____ 189 .

Executive Engineer.

40,000—22-6-91

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1856.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

No. M 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work— Residence for Assistant Superintendent of Police

Amount of Estimate, Rs.— 5,890

To be carried out by—

REFERENCES

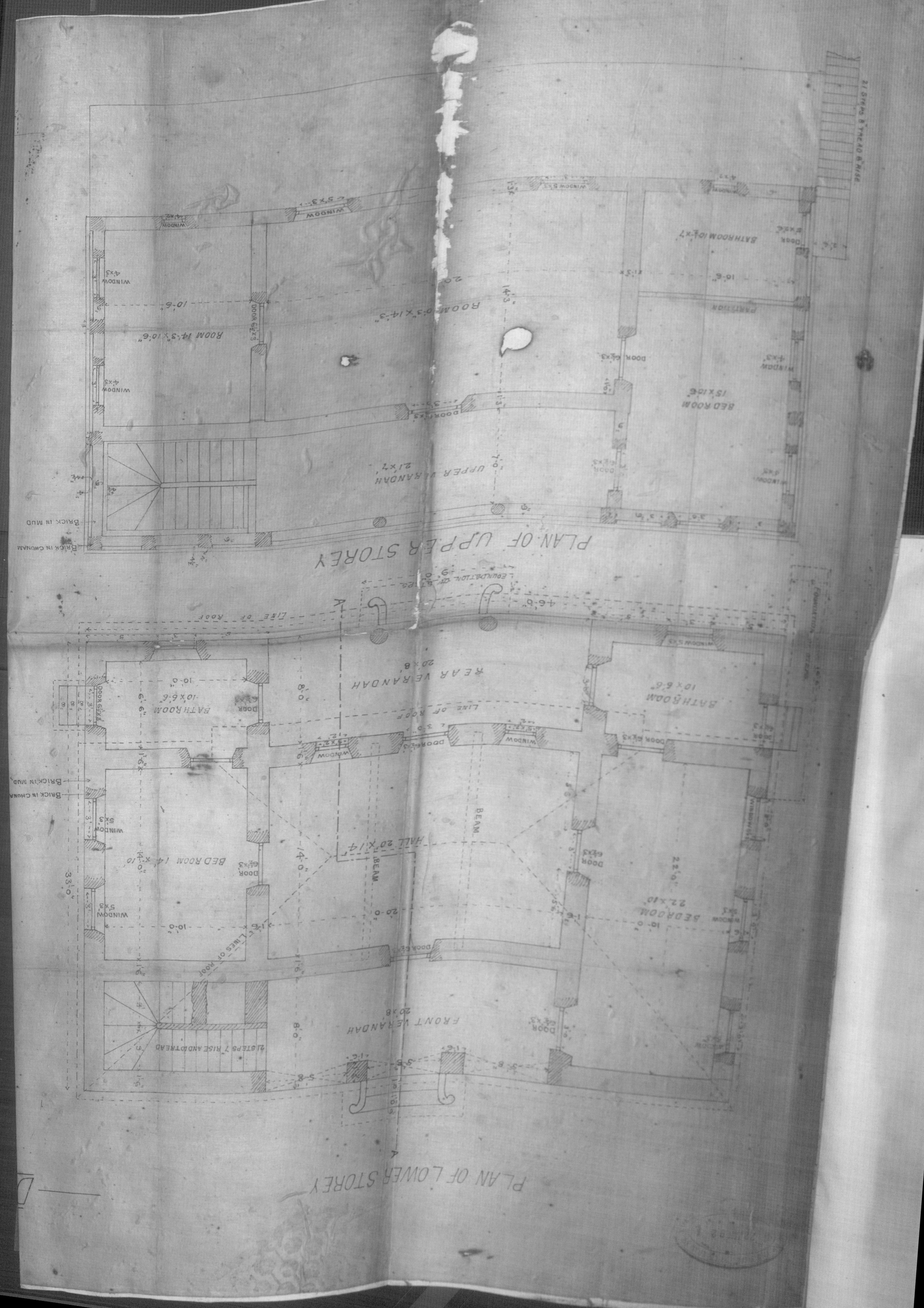
"Type estimate"

List of Board's Proceedings addressed to Government, Revenue Department, to which no reply has been received for the quarter ending 31st December 1892.

Serial No.	No. of Board's Proceedings.	Date of Board's Proceedings.	Subject.
	7296 Revs.	10th Novr. 1892	Submitting to Government letter from the Collector of Madura reporting about the ownership of certain land on the Ayur tank, Ilmore, adjoining Government brickfields; and suggesting that the same may be required under Act X of 1870.

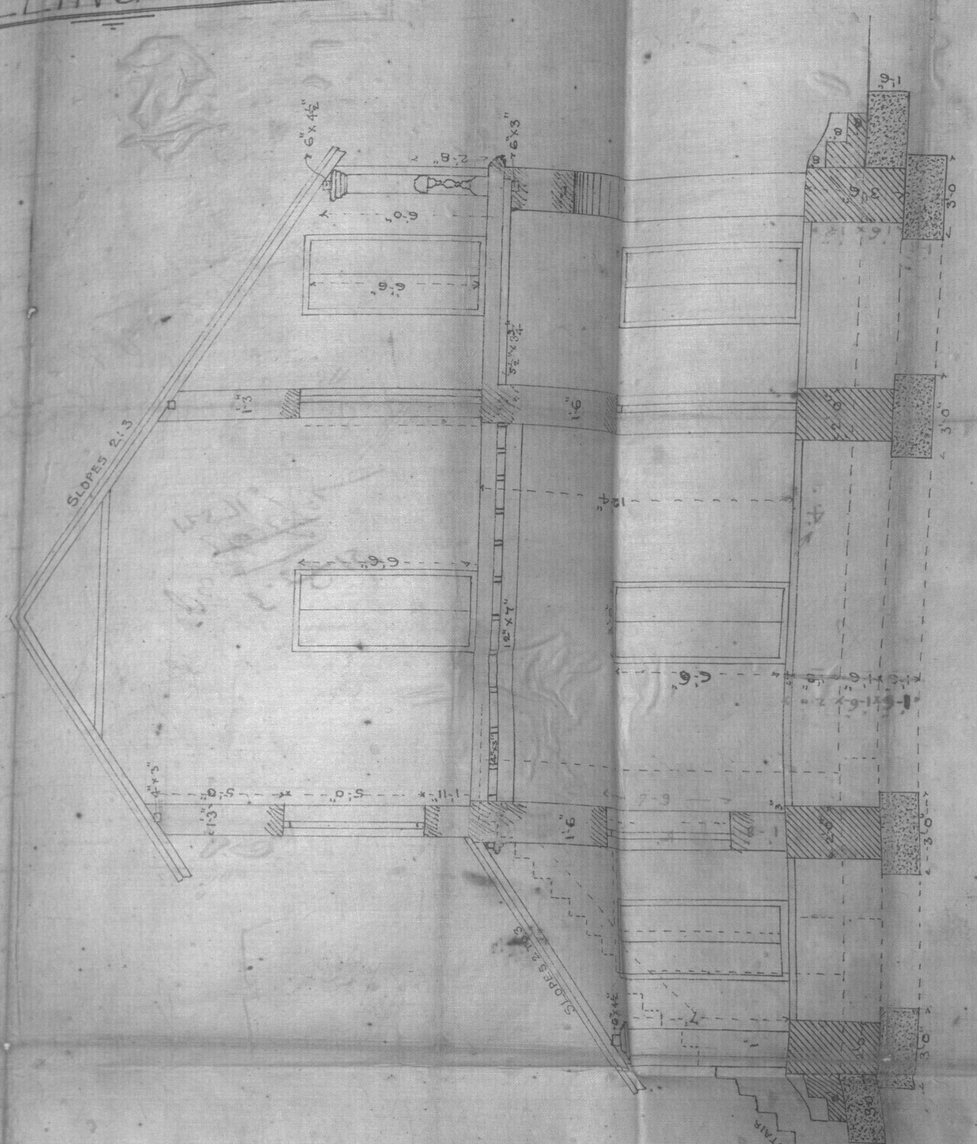
418/91

419/91

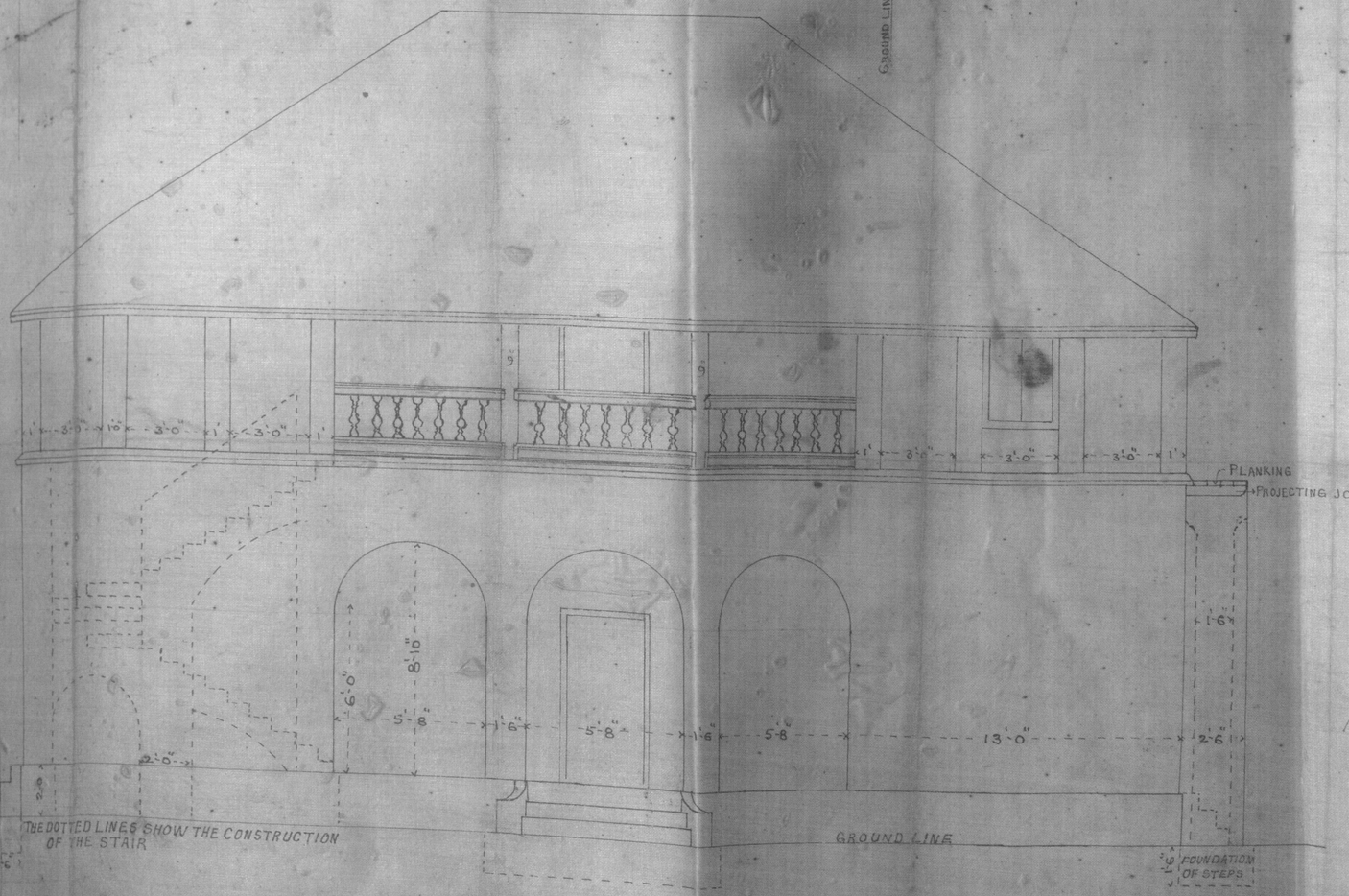

PLAN OF UPPER STOREY
PLAN OF LOWER STOREY
UPPER VERANDAH 21'x7'
ROOM 14'3"x10'6"
ROOM 10'3"x14'3"
BATHROOM 10'x7'
RED ROOM 15'x10'6"
PARTITION
21 STEPS 8" TREAD & RISER
BRICK IN MUD
BRICK IN CHUNAM
WINDOW 4'x3'
DOOR 6'x3'
WINDOW 5'x3'
REAR VERANDAH 20'x8'
BATHROOM 10'x6'6"
HALL 20'x14'
BEAM
BED ROOM 14'x10'
SEDROOM 22'x10'
FRONT VERANDAH 20'x8'
21 STEPS 7" RISE AND 10" TREAD
LINE OF ROOF
FOUNDATION

WELLING HOUSE.

SECTION ON A.A.



FRONT ELEVATION



REFERENCE

BRICK IN CLAY

BRICK IN CHUNAM

SCALE 50

0 5 10 15 20 Ft.

/SIGNED/ H. MOSS
ASST ENGR.
29-8-90

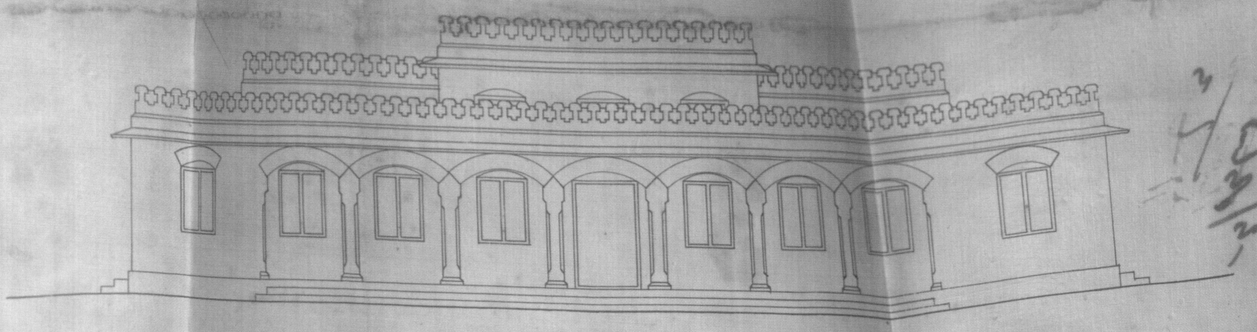
/SIGNED/ A. H. GARRETT
EX: ENGR TANJORE DN
13-9-90

EXECUTIVE ENGINEER
8-11-90 V.R

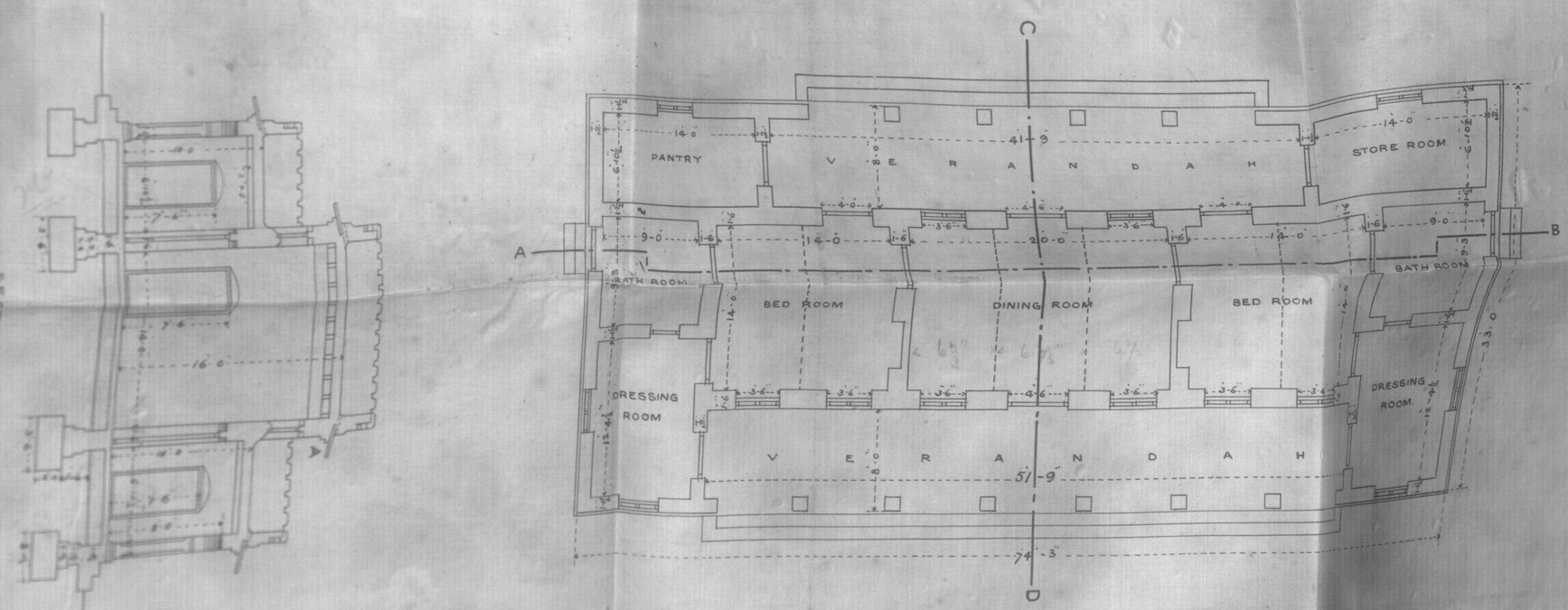
/SIGNED/ A.C. SMITH Lt-Col. R.E.
SUPERINTENDING ENGINEER VI CIRCLE.
22-9-90

SHEET No 1

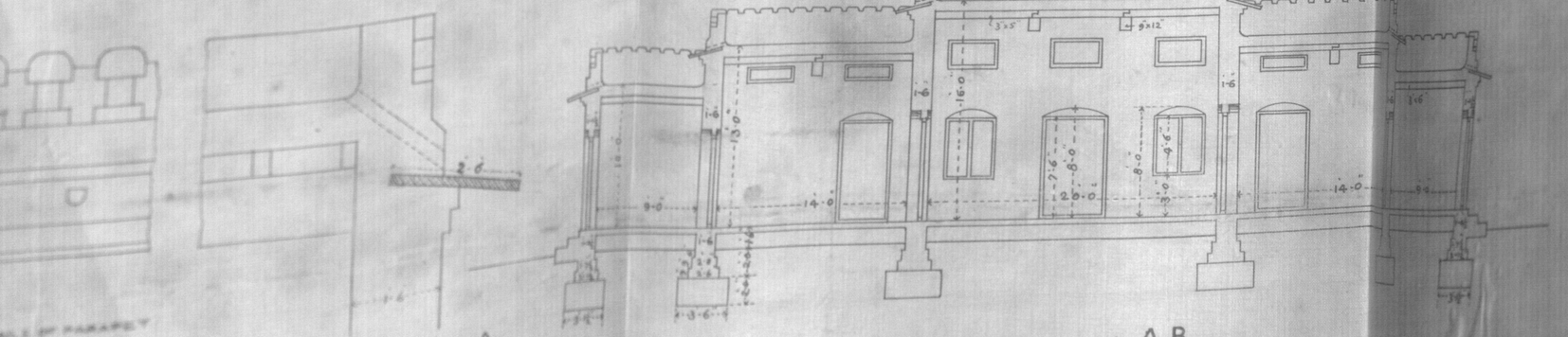
STANDARD DESIGN FOR A RESIDENCE FOR ASSISTANT SUPERINTENDENT OF POLICE.



ELEVATION



PLAN



SECTION ON- A.B.

ENLARGEMENT OF A.
SECTION

SCALE 8 INCHES TO 1 INCH

418/52

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read Ltr, dated 30th January 1893,
of Board's Proceedings addressed to Government Revenue Department, to which no reply has been received for the quarter ending 31st December 1892

Order thereon 8th February 1893 No 346 R.

Recorded with the following remarks:—

× × × × × ×

2. The following items have been transferred to other Departments.

Item.	Department.	Endorsement
22.	Public Works Department.	278 dated 29th November '92

× × × × × ×

(True Extract)

A. Cameron

Ag. Under Secretary to Government.

To

The Commissioners of Land Revenue.
" P. W. D. Irrig. Br. para 2 with copy of extract from item 22
" P. W. D. para 2 with copy of extract from item 22
" Jud. Dept para 2 Do. Do items 16 & 27.
" Public Dept para 2 Do. Do item 8
" Accts. Dept. para 4. Do. Do. item 15

P. W. CURRENT No. 1316

11/9/12

Government of (1893) Madras

Revenue

To

The Public Works Department.

Sir

Read 1/4/93

G. O. 8th February 1893 No 346 R.

Subject

Instructing an extract from the list of Board's Proceedings addressed to Govt R. O. to which no reply has been received for the quarter ending 31st December 1892.

31.3.84. 8685 W
1.7.89 - 17336 W
30.10.89 - 30666 W
21.2.90 - 10066 W
16.5.90 - 12626 W C
7.6.90 - 2532 C
20.6.90. 1719 W
12.7.90. 1882 W
17.9.90. 2484 W
1.10.91. 3310 C
26.10.91. 2629 W
15.2.92 682 W
1.12.91 3216 W
1.2.92 290
24.3.92. 902 W
21.5.92. 1214 W

B No 418 W 8/107 9th Feby 1893

Recorded with the
Remark that the subject
of the Board's Proceedings
No 7296 dt 10th November 1892
is under enquiry.

Accts
1893 Feb 13/2/93

Re Board's Proc. No. 7296 dt 10/11/92
The Board of Rev

AB

3/20/2.