(1) பக்கங்களின் எண்ணிக்கை 38

(2) புதுக்கித் திருப்பிய நாள் 28.4.1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

அரசாணை எண்.	அச்சகம்
மு. கோப்புத் தாள் எண். 2189	பலவகை
நாள் : 24.1.[illegible]	198[illegible].

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

289

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 9th January 1888, No. 25, Judicial.

Read—the following letter from Colonel C. A. PORTEOUS, Acting Inspector-General of Police, to the Chief Secretary to Government, dated Madras, 17th December 1887, No. 6287 :—

Referring to G.O., No. 1776, dated 10th August 1887, Judicial Department, I have the honor to report that the present accommodation for the Salem town and taluk police parties (numbering 2 inspectors, 5 head constables, 48 constables, total 55) in a building attached to the taluk cutcherry consists only of two rooms * with one small lock-up, without either record-room or inspector's room; the consequence being that, when both police parties muster at this station, there is great crowding, and considerable inconvenience is experienced.

* 18 × 11-9.

2. To relieve the present pressure, I proposed removing the taluk party temporarily to a rented building; but after a personal inspection of the premises (taluk cutcherry, station-house, &c.), I am of the same opinion as Colonels Guthrie, Davies, Cox and Whitlock, that a new station-house, with more accommodation, is absolutely necessary for such a large body of police. Since the building was taken over from Mr. Fischer, the Salem police has been *increased* by 2 head constables and 18 constables.

3. The proposal to remove the taluk party to Suramungalam does not commend itself to me. Suramungalam is too far from the cutcherry, town, &c., and there would be difficulty in finding house accommodation for the police; the result would be that most of the men would live in Salem at a considerable distance from their station and waste time going backwards and forwards between their residences and their station.

4. Under these circumstances, therefore, I beg to resubmit the plan and estimate for a new first-class station for Salem *Town*, on the completion of which the taluk police would occupy the two rooms which now do duty for both stations.

Order—dated 9th January 1888, No. 25, Judicial.

Approved, and transferred to the Public Works Department.

(True Extract.)

(Signed) A. G. CARDEW,
Acting Under Secretary.

ORDER—dated 24th January 1888, No. 289 W., Public Works.

The estimate, amounting to Rs. 2,556, for constructing a first-class police station-house at Salem, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial, No. 153 W. of 1887-88, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with four enclosures.
„ Examiner, Public Works Accounts, with the duplicate abstract estimate.
„ Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated January, 24th.

Read. *Encl.*

G.O., 24th Jan. 1888, No. 289 W.

JANUARY.

First-class Police Station-house at Salem

Estimate for constructing a —, sanctioned.

Pub Judl Dept

No. 6287.

289

Chief Office of the Inspector General of Police,

Madras, 17th December 1887.

From

Colonel C. A. Sorlous,

Ag: Inspector General of Police,

To

The Chief Secretary to Government, Fort Saint George.

Sir,

Enclosures. Four

Referring to G. O. No. 1776 dated August 10th 1887 J. D., I have the honor to report that the present accommodation for the Salem Town and Taluq Police Parties {numbering 2 Inspectors, 5 Head Constables, 48 Constables, total 55} in a building attached to the Taluq Kutcherry consists only of two rooms, with one small lock-up, without either Record room or Inspectors room; the consequence being that, when both Police parties muster at this station there is great Crowding and consid... inconvenience

18 × 11 · 9.

inconvenie experienced.

To relieve the present pressure, I propose removing the Salug party temporarily to a Rented building; but after a personal inspection of the premises { Salug Kutcherry, Station House &c } I am of the same opinion as Colonels Guthrie Davies, Orr and Whitlock that a new Station House, with more accommodation, is absolutely necessary for such a large body of Police. Since the building was taken over from Mr. Fischer, the Salem Police has been increased by 2 Head Constables and 18 Constables.

The proposal to remove the Salug party to Suramungalam does not Commend itself to me. Suramungalam is too far from the Kutcherry, town &c and there would be difficulty in finding house accommodation for the Police, the result would be that most of the men would live in Salem

Salem at a Considerable distance from their Station and waste time going backwards and forwards between their Residences and their Station.

Under these Circumstances therefore I beg to re-Submit the plan and Estimate for a new first Class Station for Salem Town, on the Completion of which the Salug Police would occupy the two rooms which now do duty for both Stations.

1. Site Plan
1. Detailed Estimate
1. Abstract — do — (in duplicate)
1. Report.

I have the honor to be
Sir
Your Most Obedt Servant
[illegible] Lieut Colonel
Insptr Genl of Police

EB 10/11
Copy

Judicial Department.

289/4

CHIEF SECRETARIAT. MADRAS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper

From the Ag Inspector General of Police, Madras
dated 17th December 1887 No. 6287 Resubmitting
plans and Estimate for the Construction of
a new 1st Class Station House at Salem.

Order thereon 9th January 1888 No. 25
Approved and transferred to
Public Works Department.

/ True Extract /

Ag Cur Secy
Ag Under Secretary

To The Public Works Department
with original papers

2/1.D

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DEPARTMENT PUBLIC WORKS.

POLICE STATIONS.

Specification of Works to be performed in executing the Standard Designs of Police Stations, Drawings 1, 2 *and* 3, *signed by the Consulting Architect on the* 15*th January* 1880.

EXCAVATOR.

Clearing Site.—Take down any existing building on the site stacking such materials as it may be desired to use again.

Excavation.—After the centre lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct. If slips occur during the progress of the works, clear the material away and bale any water lodging in the trenches from a hole or holes made without the limits of the same.

Slips and baling.

Ramming.—After the officer in charge of the work has seen that the trenches are the full and proper widths and depths well ram the bottom with heavy beaters for the after reception of the concrete.

BRICKLAYER.

Lay over the full breadth of the foundations about 9″ of concrete as hereinafter specified and well ram with heavy beaters to a thickness of about 6″. After the first layer has been consolidated, lay a second, and execute as before. The completed concrete should be about 12″ thick, mark out carefully the centre lines and lay off the thickness of the first footing course. The steps of brickwork should be two courses high and not more than half a brick broad; when the bricks are very inferior it would be advisable to make each offset three bricks high.

Brickwork.

The brickwork will be executed in sound material, and care will be taken to insert during the progress of the work the door frames, nogs and brackets for the arm-racks, &c.

Loop holes of the form and dimensions shown on the drawing will be left in the walls. After the masonry is set build in with half a brick in mud and plaster all flush on the outside.

The walls will be a brick and a half thick, not less than 1′ 1½″ or greater than 1′ 5′, the quantities allow 1′ 3″.

Splays.—The openings will be splayed as shown on the plan.

Arching.—The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame.

The space between the arch and the top of the frame will be carefully closed in after the brick work has settled down.

Bond.—The bond should be English if possible.

Stones.—Fix the stones under the verandah posts, also those under the beam, and fasten properly all wood supplied by the carpenter.

STONE MASON.

Provide and dress two lines, No. 6 stones 1′×1′×4″ with mortice holes 2″ square and 2″ deep to receive the posts.

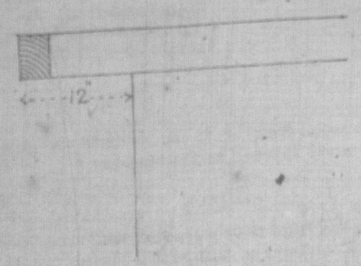
Provide and dress one line, No. 2 stones 1′ 3″×2′×4″ for the beam.

Provide and dress two lines, the steps shown on the drawing tailing each stone not less than 3′.

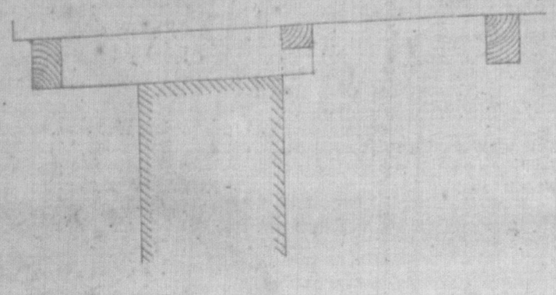
CARPENTER.

NOTE.—*Vary this clause according to class.*—Supply a beam 17′ 3″×9″×12″, supply joists ×3″, supply door frames, window frames and ventilators as shown on the drawing neatly rebated and morticed in a workmanlike manner.

Halve the joists into the beam to the extent of half an inch and add temporary struts to keep the joists evenly apart until the terrace has settled. The longitudinal joists will project over the wall to the extent of 12″ including the waling piece.

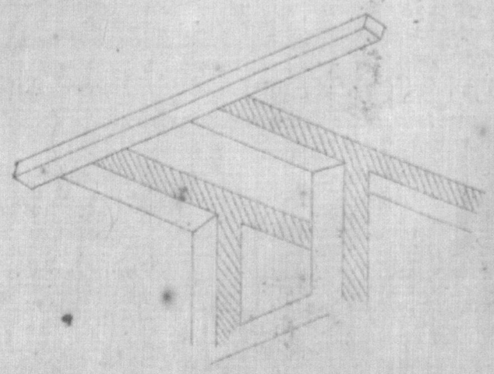


small cantilevers will be arranged along the longitudinal walls halved under the longitudinal joists nearest the wall as shown on the drawing.



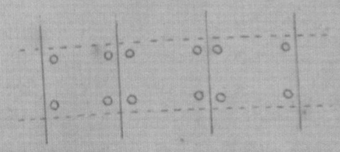
Support all the woodwork during the execution of the terrace and slightly ease the wedges as the work progresses, allow the supports to remain for three weeks after the completion of the terrace.

The ventilators have no top rail; they are held apart by the longitudinal waling piece spiked to the ends of the joists.



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Provide and fix arm-racks in strict accordance with the dimensions set forth on the drawing. Supply frames for the doors with shoulders to be built in the masonry in the ordinary way. Provide strong batten doors made of three-quarters of an inch planks horizontal and vertical well held together with palm treenails four to each crossing cut in suitable positions clear of joints and of the holes for firing through. Provide strong fastenings and iron bars on the inside of each opening.

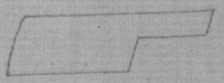


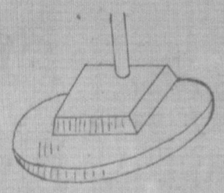
(Here specify whether the woodwork is to be painted or oiled. Painting in Carson's oak color being preferable for all wood exposed to the weather.)

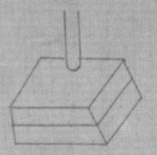
Floor.

Fill in plinth with earth (specify sand if procurable), well ram the same, put down a layer of old broken rubbish about 6″ thick under the tiling and bring all to an even surface for the reception of the tiles. Lay a tiled floor of 6″ square tiles.

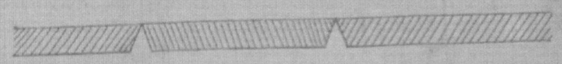
N.B.—The ordinary tiles may be greatly improved at a very little extra cost in the following manner:—Mould in slop work in the ordinary way and allow to dry until the earth just receives the impression of the finger pressed upon it generally from 48 to 72 hours. Then beat with a wooden mallet on a hard surface to about an inch thickness from say 1½″; provide a template the size of the tile required and cut with sloping sides.



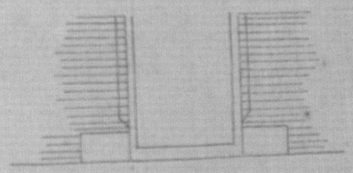




when laid the underside should be turned up thus—



the texture of the earth being closure will require heavier firing. When stone is cheap it will add much to the durability of the building to curb the verandah with stone and to place stone at the bottom of all openings.



Terrace.

Lay over ordinary terrace brick in mortar 9″ of broken material at the sides and 12″ in the centre beat down to 6″ and 8″ beat mortar on the top of this and finish off (here specify the particular method employed in the district).

IRONMONGER.

Provide iron doors as shown on the drawing neatly rivetted, bolted or screwed as the case may be.

Provide for the entrance a rim lock with a key hole on either side, the other iron gratings may be padlocked.

PLASTERER.

Plaster the whole of the interior and exterior with two coats of plaster making the last coat sufficiently smooth for the after reception of wash.

Wash the interior and exterior with two coats of wash well sized.

The general tint of the interior should be composed of

40 parts lime.
1 part yellow ochre.

This tint should be used on the parts marked A exterior, those marked B should be washed with

200 parts lime.
8 „ yellow ochre.
2 „ red ochre.
1 part lamp black.

The imitation arch bricks marked C

20 parts lime.
5 „ yellow ochre.
20 „ red ochre.

The colors may be renewed from year to year and will always have a neat and finished appearance.

MATERIALS.

The bricks will be cast in a mould
well burnt and free from defects.
The timber will be well seasoned, sound and free from defects.
The lime will be collected at properly burnt and slaked.
The sand will be collected at
The irouwork will be procured from the Government workshops.

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

CHEPAUK,
15th January 1880.

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ESTIMATE of the Cost of constructing a First-class Police Station-house according to Standard Design No. 1, dated 15th January 1880.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	112 0	4 0	3 0	1,344	
Partitions	2	12 3	4 0	3 0	294	
Do.	1	6 3	3 6	3 0	66	
Verandah walls	...	48 3	3 6	3 0	507	
Steps	...	11 6	3 0	1 6	52	
Cubic feet	...	...	...	...	2,263	
Cubic yards	...	...	...	...	...	84
Earthfilling in Basement.						
Guard-room	1	18 0	15 0	1 6	405	
Lock-up	1	9 0	15 0	1 6	203	
Do. and Inspectors	2	9 0	7 1½	1 6	192	
Verandah	1	37 0	6 3	1 6	347	
Cubic feet	...	...	...	...	1,147	
Cubic yards	...	...	...	...	...	43
Concrete 12 inches thick.						
Excavation 2,211 cubic feet ÷ 3 =	...	...	...	...	737	
Steps	1	11 6	3 0	1 0	35	
Cubic feet	...	...	...	...	772	
Brickwork in Foundations Footings.						
Outer walls	...	112 0	2 3	1 6	378	
Partitions	2	14 0	2 3	1 6	95	
Do.	1	8 0	1 9	1 6	21	
Verandah walls	...	50 0	1 9	1 6	131	
Above footings to ground level—						
Outer walls	...	112 0	1 3	0 6	70	
Extra thickness for plinth	...	79 6	0 3	0 6	10	
Partitions	2	15 0	1 3	0 6	19	
Do.	1	9 0	0 9	0 6	3	
Verandah walls	...	51 0	0 9	0 6	19	
Steps	1	11 6	3 0	0 6	17	
Cubic feet	...	...	...	...	763	
Brickwork in Basement.						
Outer walls	...	112 0	1 3	2 0	280	
Extra thickness for plinth	...	79 6	0 3	2 0	40	
Partitions	2	15 0	1 3	2 0	75	
Do.	1	9 0	0 9	2 0	14	
Verandah walls	...	51 0	1 9	2 0	77	
Steps	1	11 6	3 0	0 6	17	
Do.	1	9 6	2 0	0 6	10	
Do.	1	7 6	1 0	0 6	4	
						517
Deduct stone in steps	...	...	...	...	...	21
Cubic feet	...	...	...	...	...	496

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	112 0	1 3	12 0	1,680	
Partitions	2	15 0	1 3	12 0	450	
Do.	1	9 0	0 9	12 0	81	
Parapet	...	115 0	0 6	0 9	43	
						2,254
Deductions.						
Doors	2	3 9	1 3	6 6	61	
Do.	4	2 9	1 3	6 0	83	
Windows	1	3 0	1 3	4 0	15	
Ventilators	12	4 9	1 3	1 6	107	
Archwork as per details below... ...	...	...	...	...	33	
						299
Cubic feet ...	...	...	...	...	...	1,955
Archwork.						
Segmental arch over doors	2	4 6	1 3	1 0	33	
Do. do.	4	3 6	1 3	1 0		
Do. over windows	1	3 6	1 3	1 0		
Cubic feet ...	...	...	...	...	33	
Stonework if easily procured.						
Steps	...	34 0	1 3	0 6	21	C. ft.
Teakwood.						
Posts	6	0 5	0 5	7 9	8	
Brackets...	12	1 1	0 4	0 10	4	
Breastsummer	...	42 0	0 5	0 7	10	
Joists for verandah	29	9 0	0 3	0 5	27	
Beam	1	17 3	0 9	1 0	13	
Joists	11	31 6	0 3	0 5	36	
Do.	12	12 6	0 3	0 5	16	
Waling pieces	2	43 0	0 3	0 5	9	
Do.	2	19 6	0 3	0 5	4	
Cantilevers	54	2 3	0 3	0 5	12	
Cubic feet ...	...	...	...	...	139	
Iron Doors.						
Inner doors	4	2 9	...	6 0	66	Sq. ft.
Teak Batten Doors with Frames and Fastenings.						
Outer doors	2	3 9	...	6 6	49	Sq. ft.
Batten window	1	3 0	...	4 0	12	Do.
Ventilators, wooden frames, and venetians and iron bars.	12	4 9	...	1 6	86	Do.
Stones under posts 1′ × 1′ × 4″ ...	...	6 in number.		...	...	
Stones under beams 1¼′ × 2′ × 4′ ...	...	2 in number.		...	...	

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Mouldings over exterior openings.						
Doors	2	5 0	...	...	10	
Window	1	4 6	...	...	4½	
Lineal feet ...	...	..	...	...	14½	
Plastering interior and washing.						
Guard-room	...	66 0	...	12 0	792	
Lock-up	...	48 0	...	12 0	576	
Do. and Inspectors	2	32 3	...	12 0	774	
Door jambs	2	17 0	...	1 3	43	
Do.	4	15 0	...	1 3	75	
Window jambs	1	14 0	...	1 3	18	
Ventilator do.	12	7 9	...	1 3	116	
						2,394
Deductions.						
Doorway	2	3 9	...	6 6	49	
Do. ... ... 2 × ...	4	2 9	...	6 0	132	
Window	1	3 0	...	4 0	12	
Ventilators	12	4 9	...	1 6	86	
						279
Square feet ...	...	...	...	...	...	2,115
Squares ...	...	...	...	...	...	21·15
Plastering exterior and washing.						
Basement	...	132 6	...	2 0	265	
Superstructure	...	117 0	...	12 0	1,404	
Parapet	...	117 0	...	5 3	614	
						2,283
Deductions.						
Doors	2	3 9	...	6 6	49	
Window	1	3 0	...	4 0	12	
Ventilators	12	4 9	...	1 6	86	
						147
Square feet ...	...	...	...	...	...	2,136
Squares ...	...	...	...	...	...	21·36
Terracing.						
Main building	...	19 6	...	43 0	839	
Verandah	...	8 0	...	41 0	328	
Square feet ...	...	...	...	...	1,167	
Squares ...	...	...	...	...	...	11·67
Flooring with Square Tiles.						
Guard-room	1	15 0	...	18 0	270	
Inspector's room	1	7 1½	...	9 0	64	
Verandah	1	38 6	...	7 0	270	
Door pieces	2	3 9	...	1 3	13	
Do.	1	2 9	...	1 3		
Do.	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	622	
Squares ...	...	...	...	...	...	6·22

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Flooring with jelly 6 inches thick and painting over with a composition of 1 lb. of asphalte to 5 lbs. of tar.						
Lock-up	1	15 0	...	9 0	135	
Do.	1	7 1½	...	9 0	64	
Door pieces	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	204	
Squares ...	...	...	...	...	...	204
Painting with three coats of Carson's Oak Color.						
Doors ... ... 2 ×	2	3 9	...	6 6	98	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Do. ... ... 2 ×	1	3 0	...	4 0	24	
Window ... ... 3 ×	12	4 9	...	1 6	257	
Ventilators with venetians ...	6	1 8	...	7 6	75	
Posts	...	38 6	...	2 0	77	
Breastsummers	29	8 0	...	1 1	251	
Joists	1	15 0	...	2 9	41	
Beam	11	25 0	...	1 1		
Joists	12	10 0	...	1 1		
Do.	2	43 0	...	1 1	680	
Waling pieces	2	19 6	...	1 1		
Do.	54	2 0	...			
Cantilevers					1,635	
Square feet ...	...	...	...	...	...	16·35
Squares ...	...	...	...	...	...	
Arm-racks for ten rifles	...	7 Lineal feet				
Pegs for accoutrements...	...	12 in number.				
Moveable shelf for Inspector's room ...	...	1 in number.				

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
84 C. yds.	Excavation for foundations ...			
43 „	Earthfilling in basement ...			
772 C. ft.	Concrete			
763 „	Brickwork in foundations ...			
496 „	Do. in basement			
1,955 „	Do. in superstructure ...			
33 „	Archwork			
21 „	Cut stone work in steps (if easily procured).			
139 „	Teakwood wrought and put up ...			
66 S. ft.	Iron inner doors			
49 „	Teak batten door with frames complete.			
12 „	Batten window			

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
86 S. ft.	Ventilators with venetians and iron bars.			
6 No.	Stones under posts			
2 „	Do. under beam			
14½ L. ft.	Moulding over exterior opening...			
21·15 Squares.	Plastering interior and washing.			
21·36 „	Do. exterior do. ...			
11·67 „	Terracing			
6·22 „	Flooring with square tiles ...			
2·04 „	Flooring wards with jelly 6 inches thick and painting with tar and asphalte composition.			
16·35 „	Painting with three coats of Carson's oak color.			
7 L. ft.	Arm-rack for ten rifles			
12 Nos.	Pegs for accoutrements			
1 No.	Moveable shelf for Inspector's room.			
	Contingencies at 5 per cent. ...			
	Total ...			

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
28th January 1880.

(Signed) T. K. GUTHRIE, Major,
Ag. Asst. Inspector-General,
for Inspector-General of Police.

289/9

ESTIMATE of the Cost of constructing a Second-class Police Station-house according to Standard Design No. 2, dated 15th January 1880.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	100 0	4 0	3 0	1,200	
Partitions	2	12 3	4 0	3 0	294	
Do.	1	6 3	3 6	3 0	66	
Verandah walls	...	41 3	3 6	3 0	433	
Steps	...	10 0	3 0	1 6	45	
Cubic feet ...	...	...	...	...	2,038	
Cubic yards ...	...	...	...	...	...	76
Earthfilling in Basement.						
Guard-room	1	12 0	15 0	1 6	270	
Lock-up	1	9 0	15 0	1 6	203	
Do. and Inspectors	2	9 0	7 1½	1 6	192	
Verandah	...	31 0	5 9	1 6	267	
Cubic feet ...	...	...	...	...	932	
Cubic yards ...	...	...	...	...	...	35
Concrete 12 inches thick.						
Excavation 1,993 cubic feet ÷ 3 =	...	...	...	...	664	
Steps	1	10 0	3 0	1 0	30	
Cubic feet ...	...	...	...	...	694	
Brick in Foundations.						
Footings—						
Outer walls	...	100 0	2 3	1 6	338	
Partitions	2	14 0	2 3	1 6	95	
Do.	1	8 0	1 9	1 6	21	
Verandah walls	...	43 0	1 9	1 6	113	
Above footings to ground level—						
Outer walls	...	100 0	1 3	0 6	63	
Extra thickness for plinth... ...	...	73 6	0 3	0 6	9	
Partitions	2	15 0	1 3	0 6	19	
Do.	1	9 0	0 9	0 6	3	
Verandah walls	...	44 0	0 9	0 6	17	
Steps	1	10 0	3 0	0 6	15	
Cubic feet ...	...	...	...	...	693	
Brickwork in Basement.						
Outer walls	...	100 0	1 3	2 0	250	
Extra thickness for plinth	...	73 6	0 3	2 0	37	
Partitions	2	15 0	1 3	2 0	75	
Do.	1	9 0	0 9	2 0	14	
Verandah walls	...	44 0	0 9	2 0	66	
Steps	1	10 0	3 0	0 6	15	
Do.	1	8 0	2 0	0 6	8	
Do.	1	6 0	1 0	0 6	3	
						468
Deduct stone and steps	...	...	...	...	...	19
Cubic feet ...	...	...	...	...	...	449

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	100 0	1 3	12 0	1,500	
Partitions	2	15 0	1 3	12 0	450	
Do.	1	9 0	0 9	12 0	81	
Parapet	...	103 0	0 6	0 9	39	
Deductions.						2,070
Door	1	3 9	1 3	6 6	30	
Do.	4	2 9	1 3	6 0	83	
Window	1	3 0	1 3	4 0	15	
Ventilators	10	4 9	1 3	1 6	89	
Archwork as per details below	...	...	...	...	28	
						245
Cubic feet ...	...	...	...	...	...	1,825
Archwork.						
Segmental arch over door	1	4 6	1 3	1 0	28	
Do. do	4	3 6	1 3	1 0		
Do. over window	1	3 6	1 3	1 0		
Cubic feet ...	...	...	...	...	28	
Stonework if easily procured.						
Steps	...	31 0	1 3	0 6	19	C. feet.
Teakwood.						
Posts	6	0 5	0 5	7 9	8	
Brackets	12	1 1	0 4	0 10	4	
Breastsummer	...	34 0	0 5	0 7	8	
Joists for verandah	24	8 6	0 3	0 5	21	
Joists for guard-room	11	14 0	0 4	0 7	30	
Do. for lock-up	23	12 3	0 3	0 5	29	
Waling pieces	2	37 9	0 3	0 5	23	
Do.	2	19 6	0 3	0 5		
Cantilevers	46	2 3	0 3	0 5		
Cubic feet ...	...	...	...	...	123	
Iron inner doors	4	2 9	...	6 0	66	Sq. feet.
Teak batten entrance door with frames and fastenings.	1	3 9	...	6 6	24	Do.
Batten window with frames and fastenings.	1	3 0	...	4 0	12	Do.
Ventilators, wooden frames, and venetians with iron bars.	10	4 9	...	1 6	71	Do.
Stones under posts 1′ × 1′ × 4′ ...	...	6 in number.		...	...	
Mouldings over exterior openings.						
Door	1	5 0	...	...	5	
Window	1	4 6	...	...	4½	
Lineal feet ...					9½	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total
		FT. IN.	FT. IN.	FT. IN.		
Plastering interior and washing.						
Guard-room		54 0	...	12 0	648	
Lock-up		48 0	...	12 0	576	
Do. and Inspectors	2	32 3	...	12 0	774	
Door jambs	1	17 0	...	1 3	21	
Do.	4	15 0	...	1 3	75	
Window jambs	1	14 0	...	1 3	18	
Ventilator	10	7 9	...	1 3	97	
						2,209
Deductions.						
Doorway ... ... 2 ×	1	3 9	...	6 6	24	
Do.	4	2 9	...	6 0	132	
Window	1	3 0	...	4 0	12	
Ventilator	10	4 9	...	1 6	71	
						239
						1,970
Square feet ...	...	...	...	...	...	
						19·70
Squares ...	...	...	...	...	...	
Plastering exterior and washing.						
Basement	...	119 6	...	2 0	239	
Superstructure	...	105 0	...	12 0	1,260	
Parapet	...	105 0	...	5 3	551	
						2,050
Deductions.						
Door	1	3 9	...	6 6	24	
Window	1	3 0	...	4 0	12	
Ventilator	10	4 9	...	1 6	71	
						107
						1,943
Square feet ...	...	...	...	...	...	
						19·43
Squares ...	...	...	...	...	...	
Terracing.						
Main building	...	37 0	...	19 6	722	
Verandah	...	35 0	...	7 6	263	
						985
Square feet ...	...	...	...	...	...	
						9·85
Squares ...	...	...	...	...	...	
Flooring with Square Tiles.						
Guard-room	1	12 0	...	15 0	180	
Inspector's room	1	9 0	...	7 1½	64	
Verandah	1	32 6	...	6 6	211	
Door pieces	1	3 9	...	1 3	8	
Do.	3	2 9	...	1 3	5	
Do.				0 7½		
						468
Square feet ...	...	...	...	...	...	
						4·68
Squares ...	...	...	...	...	...	

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total
		FT. IN.	FT. IN.	FT. IN.		
Flooring with jelly 6' thick and painting over with a composition of 1 lb. asphalte to 5 lb. of tar.						
Lock-up	1	15 0	...	9 0	135	
Do.	1	7 1½	...	9 0	64	
Door pieces	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	204	
Squares ..	...	...	...	...	...	2·04
Painting with three coats of Carson's oak color.						
Door ... ... 2 ×	1	3 9	...	6 6	49	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Window ... ... 2 ×	1	3 0	...	4 0	24	
Ventilators with venetians ... 3 ×	10	4 9	...	1 6	214	
Posts	6	1 8	...	7 6	75	
Breastsummers	...	32 6	...	2 0	65	
Joists	24	7 6	...	1 1	195	
Do.	11	14 0	...	1 6	231	
Joists for lock-up, &c.	23	12 3	...	1 1	540	
Waling pieces	2	37 0	...	1 1		
Do.	2	19 6	...	1 1		
Cantilevers	46	2 3	...	1 1		
Square feet ...	...	...	...	...	1,525	
Squares ...	...	...	...	...	...	15·25
Arm-rack for four rifles	2¾ Lineal feet.			...	...	
Pegs for accoutrements	6 in number.			...	...	
Moveable shelf for Inspector's room	1 in number.			...	...	

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
76 C. yds.	Excavation for foundation ...			
35 „	Earthfilling in basement ...			
694 C. ft.	Concrete			
693 „	Brickwork in foundation ...			
449 „	Do. in basement			
1,825 „	Do. in superstructure ...			
28 „	Archwork			
19 „	Stonework for steps if easily procured.			
128 „	Teakwood wrought and put up ...			
66 S. ft.	Iron inner doors			
24 „	Batten door for entrance with frames complete.			
12 „	Batten window			

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
71 Sq. ft.	Ventilators, wooden frames, and venetians and iron bars.			
6 Nos.	Stones under posts			
9½ L. ft.	Moulding over exterior opening.			
19·70 Squares.	Plastering interior and washing...			
19·43 „	Do. exterior do. ...			
9·85 „	Terracing			
4·68 „	Flooring with square tiles ...			
2·04 „	Flooring with jelly 6 inches thick and painting over with tar and asphalte composition.			
15·25 „	Painting with three coats of Carson's oak color.			
2½ L. ft.	Arm-rack for four rifles			
6 Nos.	Pegs for accoutrements			
1 No.	Moveable shelf for Inspector's room.			
	Contingencies at 5 per cent. ...			
	Total ...			

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

(Signed) T. K. GUTHRIE, Major,
Ag. Asst. Inspector-General,
for Inspector-General of Police.

MADRAS,
28th January 1880.

289/12

ESTIMATE of the Cost of constructing a Third-class Police Station-house according to Standard Design No. 3, dated 15th January 1880.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	69 6	4 0	3 0	945	
Partition	1	9 3	4 0	3 0		
Verandah walls	...	28 0	3 6	3 0	294	
Steps	...	8 0	3 0	1 6	36	
Cubic feet ...	...	...	...	...	1,275	
Cubic yards ...	...	...	...	...	...	48
Earthfilling in Basement.						
Guard-room	1	12 0	12 0	1 6	342	
Lock-up	1	7 0	12 0	1 6		
Verandah	1	18 9	5 3	1 6	148	
Cubic feet ...	...	...	...	...	490	
Cubic yards ...	...	...	...	...	...	18
Concrete 12 inches thick.						
Excavation 1,239 cubic feet ÷ 3 =	...	...	...	...	413	
Steps	...	8 0	3 0	1 0	24	
Cubic feet ...	...	...	...	...	437	
Brickwork in Foundations.						
Footings—						
Outer walls...	...	69 6	2 3	1 6	272	
Partition	1	11 0	2 3	1 6		
Verandah wall	...	29 9	1 9	1 6	78	
Above footings to ground level—						
Outer walls	...	69 6	1 3	0 6	51	
Partition	1	12 0	1 3	0 6		
Verandah walls	...	30 9	0 9	0 6	12	
Steps	...	8 0	3 0	0 6	12	
Cubic feet ...	...	...	...	...	425	
Brickwork in Basement.						
Outer walls	...	69 6	1 3	2 0	174	
Extra thickness for plinth	...	55 3	0 3	2 0	28	
Partition	1	12 0	1 3	2 0	30	
Verandah walls	...	30 9	0 9	2 0	46	
Steps	1	8 0	3 0	0 6	12	
Do.	1	6 0	2 0	0 6	6	
Do.	1	4 0	1 0	0 6	2	
Cubic feet ...	...	...	...	...	...	298
Deduct stone in steps	...	...	...	...	...	16 ...
Cubic feet ...	...	...	...	...	...	282

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	69 6	1 3	11 6	} 1,172	
Partitions	1	12 0	1 3	11 6		
Parapet	...	72 6	0 6	0 9	27	1,199
Deductions.						
Door	1	3 9	1 3	6 6	30	
Do.	1	2 9	1 3	6 0	21	
Ventilators	6	4 9	1 3	1 6	53	
Archwork as per details	...	...	...	...	10	114
Cubic feet ...	...	...	...	...	...	1,085
Archwork.						
Segmental arch over door	1	4 6	1 3	1 0	} 10	
Do. do.	1	3 6	1 3	1 0		
Cubic feet ...	...	...	...	...	10	
Stonework if easily procured.						
Steps	...	25 0	1 3	0 6	16	C. feet.
Teakwood.						
Posts	4	0 5	0 5	7 6	5	
Brackets	8	1 1	0 4	0 10	2	
Breastsummers	...	21 0	0 5	0 7	5	
Joists for verandah	16	8 0	0 3	0 5	13	
Do. for guard-room	9	15 0	0 4	0 7	26	
Do. for lock-up	9	10 0	0 3	0 5	} 25	
Waling pieces	2	24 9	0 3	0 5		
Do.	2	16 6	0 3	0 5		
Cantilevers	28	2 3	0 3	0 5		
Cubic feet ...	...	...	...	...	76	
Iron door	1	2 9	...	6 0	17	S. feet.
Teak batten door with frames and fastenings.	1	3 9	...	6 6	24	Do.
Ventilators, wooden frames, and venetians and iron bars.	6	4 9	...	1 6	43	Do.
Stones under posts 1′ × 1′ × 4′ ...	...	4 in number.		...	...	
Mouldings over exterior door	...	5 Lineal feet.		...	...	
Plastering interior and washing.						
Guard-room	1	48 0	...	11 6	} 989	
Lock-up	1	38 0	...	11 6		
Door jambs	1	17 0	...	1 3	} 98	
Do.	1	15 0	...	1 3		
Ventilator jambs	6	7 9	...	1 3		1,087

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Deductions.						
Doorway	1	3 9	...	6 6	24	
Do. ... ... 2 ×	1	2 9	...	6 0	33	
Ventilators	6	4 9	...	1 6	43	
Square feet ...	...	...	...	...	...	100
						987
Squares ...	...	...	...	...	...	9·87
Plastering exterior and washing.						
Basement	...	88 0	....	2 0	176	
Superstructure	...	74 6	...	11 6	857	
Parapet	...	74 6	...	5 3	391	
						1,424
Deductions.						
Door	1	3 9	...	6 6	24	
Ventilators	6	4 9	...	1 6	43	
						67
Square feet ...	...	...	...	...	...	1,357
Squares ...	...	...	...	...	...	13·57
Terracing.						
Main building	...	24 9	...	16 6	408	
Verandah	...	22 9	...	7 0	159	
Square feet ...	...	...	...	...	607	
Squares ...	...	...	...	...	...	6·07
Flooring with Square Tiles.						
Guard-room	1	12 0	...	12 0	144	
Verandah	1	20 3	...	6 0	122	
Door piece	1	3 9	...	1 3	5	
Do.	1	2 9	...	0 7½	2	
Square feet ...	...	...	...	...	273	
Squares ...	...	...	...	...	...	2·73
Flooring with jelly 6′ thick and painting over with a composition of 1 lb. asphalte to 5 lbs. of tar.						
Lock-up	1	7 0	...	12 0	84	
Door piece	1	2 9	...	0 7½	2	
Square feet ...	...	...	...	...	86	
Squares ...	...	...	...	...	...	·86

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting with three coats of Carson's oak-color.						
Door ... ... 2 ×	1	3 9	...	6 6	49	
Do. ... ... 2 ×	1	2 9	...	6 0	33	
Ventilators with venetians ... 3 ×	6	4 9	...	1 6	128	
Posts	4	7 3	...	1 8	48	
Breastsummers	...	20 3	...	2 0	41	
Joists	16	7 6	...	1 1	121	
Do.	9	15 0	...	1 4	180	
Do.	9	10 0	...	1 1	}	
Waling pieces	2	24 9	...	1 1	} 255	
Do.	2	16 6	...	1 1	}	
Cantilevers	28	2 3	...			
					855	
Square feet ...	...	...	...	...	...	8·55
Squares ...	...	...	...	...	...	
Arm-racks for two rifles	...	1½ Lineal feet.		...	...	...
Pegs for accoutrements	...	4 in number.		...	...	...
Moveable shelf for records	...	1 in number.		...	...	...

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
48 C. yds.	Excavation for foundations ...	...	C. yard.	...
18 „	Earthfilling in basement ...	...	„	...
437 C. feet.	Concrete	...	C. foot.	...
425 „	Brickwork in foundations ...	...	„	...
282 „	Do. in basement	...	„	...
1,085 „	Do. in superstructure ...	...	„	...
10 „	Archwork	...	„	...
16 „	Stonework for steps if easily procured.	...	„	...
76 „	Teak wood wrought and put up ...	...	S. foot.	...
17 S. feet.	Iron inner door	...	„	...
24 „	Teak batten door with frames and fastenings.	...	„	...
43 „	Ventilators, wooden frames, and venetians and iron bars.	...	Each.	...
4 No.	Stones under posts	...	L. foot.	...
5 L. feet.	Mouldings over exterior door ...	...	Square.	...
9·57 Squares.	Plastering interior and washing ...	...	„	...
13·57 „	Do. exterior do. ...	...	„	...
6·07 „	Terracing	...	„	...
2·73 „	Flooring with square tiles ...	...	„	
·86 „	Flooring with jelly 6" thick and painting with tar and asphalte composition.	...	„	...
8·55 „	Painting with three coats of Carson's oak color.			

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
1½ L. feet.	Arm-rack for two rifles	...	L. foot.	...
4 No.	Pegs for accoutrements	...	Each.	...
1 „	Moveable shelf for records ...	...	„	...
...	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
28th January 1880.

(Signed) T. K. GUTHRIE, Major.
Ag. Asst. Inspector-General
for Inspector-General of Police.

289/14

289/135

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

26th February 1880, No. 435 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 60.	From the Consg. Architect to Govt.,		dated	20th Jan.	1879,	No. 519.
No. 60-A.	Do.	do.	„	3rd March	„	„ 578.
No. 60-B.	Do.	do.	„	28th Nov.	„	„ 531.
No. 60-C.	Do.	do.	„	16th Jan.	1880,	„ 578.
No. 60-D.	Do.	do.	„	3rd Feb.	„	„ 594.
No. 60-E.	Do.	do.	„	16th „	„	„ 609.

No. 61. ORDER THEREON, 26th February 1880, No. 435 W.

THE Government approve the standard designs for Police Stations submitted by the Consulting Architect and direct their adoption in supersession of all previous designs for such buildings.

2. The designs will be lithographed and the specification and estimate of quantities printed and circulated for the information of the department.

(True Extract.)

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

To all Superintending Engineers.
„ the Consulting Architect.
„ the Judicial Department.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1880} Madras.

PUBLIC WORKS.

To

ALL SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated February, 26th.

Issued

Recd. *Encl.*

G. O., 26th February 1880, *No.* 435 W..

FEBRUARY.
Nos. 60-61.

The standard designs for Police stations submitted by the Consulting Architect approved, and ordered to be adopted in supersession of all previous designs for such buildings.

289/16

Public Works Department.

Current No. 286

Letter No. 25

Dated the 9th January 88

From the Secy. to Govt. Jud. Dept.

Sanction

WCM 13/1

C.P. 1.88

NOTE OF REMARKS.

1. The accompanying estimate provides for constructing a new first class Police Station House in accordance with the Standard design sheet No. 10 sanctioned in G.O. No. 435 W of 26th Febry 80. The amount of the estimate is Rs 2,556.

2. The site for the new building was selected in the Tahsildar's Cutcherry compound, by the Superintendent of Police, with the approval of the Salem Collector and bears his countersignature.

3. As the nature of surface and subsoil was found to be of common earth

for

for a depth of 8½ ft. and
gravel below, the foundations
of the new buildings proposed
to carry down to 4 ft and
will be laid for the first
foot with concrete to a
depth of 1 foot.

4. The foundation, basement
and superstructure are
to be built of brick in chunam
plastered inside & out
with chunam & 2 coats of
color washing.

5. All wood work, doors &
windows &c are to be of
teak & to be painted with
three coats of Carsons Oak
color.

6. Flooring wards is to be of
Jelly 6" thick & painted with
tar & asphalte composition.
Flooring to Guard-room, inspectors
room & Verandah &c is to be
of 8" Square tiles.

7. Report with specification
is submitted.

8. The rates are fair except
the item for plastering. Two
different

289/17

different rates are given
i.e. Rs 2-12-0 per sqre for
plastering interior with
chunam & colorwashing 2
coats, and the other is
Rs 3-0-0 for the similar
kind of work in the exterior
and the difference is as 4 per
sqware.

9. Contingencies and Petty
supervision are separately
charged at 2½ per cent.

10. The estimates and the site plan
have been countersigned
by the Inspector General
of Police and approved
in the Judicial Dept.

17-1-88.

289/18

PUBLIC WORKS DEPARTMENT.

No 289 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 24th January 88

READ the following

Proceedings of Govt. Judicial Deptt. N. E. No. 25 dy 9th January 1888.

The estimate amounting to Rs. 2,566, for constructing a first class police station house at Salem, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 153 Wf 1887-88 and classified as Civil Buildings, Original Works.

MCR 20.1.88

20/1/88

Dir 4.1.2.

To The Supdg. Engr. W circle with 11 enclos.
" Examiner of A.W. Accts with the duplicate abstract estimate
" Judicial Department

389/19

Ffw 21.1.88

286

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated

Read. Encl.

G.O. 24 Jan 1888 No. 289 W.

First class Police Station
house at Salem

Estimate for constructing
a — Read & Encl