

- (1) பக்கங்களின் எண்ணிக்கை 22
 (2) புதுக்கித் திருப்பிய நாள் 1.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் lana ✓

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

17

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>3523</u>	அச்சகம் பலவகை
நாள் :	<u>10-12-1889</u>	<u>198</u> /

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

11 Sheets

ஆவண. கர-1-18,006-15-6-87.

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ANNEXURE.

Revised standard design for a Sub-Registrar's office with terraced roofing.

Descriptive Specification.

Foundations.—A depth of 4 feet is provided in the estimate, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond two bricks thick, verandah wall one brick thick.

Stone-work.—The stone-slabs under verandah posts should measure $10\frac{1}{2}$ " $\times$ $10\frac{1}{2}$ " $\times$ 6" with mortice holes 2" square and 2" deep, into which the posts will be tenoned. The steps may also be of stone-slabs, if easily procurable.

Wood-work.—The verandah posts, bressummers and joists should be of Burma or Indian teakwood, well seasoned.

Doors.—Provide a venetian and panel door for the entrance and a strong battened door for the record room (according to the detail shown in the plan for tiled roofing), both doors to be provided with a good Europe rim lock.

Windows.—Venetian windows to be provided for the office and windows with glazed inner shutters, battened outer shutters and iron bars, $\frac{3}{4}$ inch square, set diagonally, for the record room. The sills of all windows should slope outwards with a small opening under the frame to allow water to flow out. All doors and windows to be provided with strong iron bolts and hinges and hooks for fastening when opened, and the venetians to have wooden buttons for securing when closed.

Sun-shades.—Sun-shades to be provided for each of the end windows of the office.

Roofing.—The roofing of the office and record room will be of "pukka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have shoots made with redwood or teakwood projecting at least 2 feet from the face of the wall. The verandah roof will be of Bengal terrace or of Mangalore tiles, where they are easily obtainable.

Flooring.—The floor may be of square bricks or stone-slabs, if the latter are easily procurable. The record room should be floored with asphalte, $\frac{3}{4}$ inch thick.

Interior and exterior finishing.—The interior of the building should be plastered and rubbed smooth or plastered and whitewashed. Where good bricks or stone is available, the exterior should be pointed, otherwise plastered.

If the soil is damp, river sand to a depth of 1 foot at least should be laid below the flooring, and the interior walls to a depth of about 3 feet all round plastered with Portland cement half an inch thick. The exterior plinth should also be plastered with cement.

Painting.—The roof timbers, sun-shades, doors and windows to be painted with three coats of Carson's oak paint.

Ventilation.—Holes to be left between the joists measuring 4" $\times$ 6" sloping outwards and closed with wire-netting of $\frac{3}{4}$ inch mesh to prevent birds and bats entering.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Detail measurements.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area of contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Excavation for foundations—		FT. IN.	FT. IN.	FT. IN.		
Outer walls	...	108 0	3 6	4 0	} 1,855	
Cross wall	1	24 6	3 6	4 0		
Verandah wall	...	35 6	2 4 $\frac{1}{2}$	4 0		337
Steps	...	12 0	3 6	1 0	42	
					C. feet.	2,234

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Earth filling in basement—						
Record room	1	25 6	12 0	1 6	747	
Clerks' do.	1	16 0	12 0	1 6		
Registrar's room	1	9 6	12 0	2 6	285	
Verandah	1	24 6	5 9	1 6	211	
					C. feet.	1,243
Concrete—						
Outer walls	...	108 0	3 6	1 6	696	
Cross wall	1	24 6	3 6	1 6		
Verandah wall	...	35 6	2 4 $\frac{1}{2}$	1 6	126	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	864
Brick-work in foundations and basement—						
Outer walls footing course	...	108 0	2 7 $\frac{1}{2}$	1 6	522	
Cross wall do.	...	24 5 $\frac{1}{2}$	2 7 $\frac{1}{2}$	1 6		
Verandah wall do.	...	36 5 $\frac{1}{2}$	1 6	1 6	82	
Outer wall above footing course	...	108 0	1 10 $\frac{1}{2}$	3 0	749	
Cross wall do.	...	25 1 $\frac{1}{2}$	1 10 $\frac{1}{2}$	3 0		
Verandah wall do.	...	37 1 $\frac{1}{2}$	0 9	3 0	84	
Steps do.	1	7 6	1 0	0 6	4	
Do. do.	1	9 6	2 0	0 6	10	
Do. do.	1	11 6	3 0	0 6	17	
					C. feet.	1,468
Brick-work in superstructure—						
Outer walls	...	108 0	1 6	13 0	2,106	
Cross wall	1	25 6	1 6	13 9	526	
Parapet	...	109 6	1 1 $\frac{1}{2}$	1 0	123	
Coping	...	117 0	0 9	0 9	66	
						2,821
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Arch-work as per details	...	...	...	...	86	
						392
					C. feet.	2,429
Arch-work over doors and windows—						
Over doors	2	5 6	1 6	1 1 $\frac{1}{2}$	86	C. feet.
Windows	8	5 0	1 6	1 1 $\frac{1}{2}$		
Stone-work—						
Under posts	4	0 10 $\frac{1}{2}$	0 10 $\frac{1}{2}$	0 6	2	C. feet.
Teakwood wrought and put up—						
Joists	42	13 6	0 3	0 7	83	
Verandah posts	4	0 6	0 6	7 6	8	
Do. bressummers	1	28 0	0 6	0 6	7	
Do. rafters	22	8 6	0 3	0 4	16	

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Teakwood wrought and put up—cont.						
Verandah pieces at ends	2	7 0	0 3	0 4	1	
Do. planks at ends	2	7 0	0 1	1 6	2	
Railing in clerks' room—						
Hand rail	1	9 6	0 3	0 2 $\frac{1}{2}$	1	
Bottom piece	1	9 6	0 3	0 2 $\frac{1}{2}$		
Uprights	17	3 0	0 1 $\frac{1}{2}$	0 1 $\frac{1}{2}$	1	
Do. at end	1	3 6	0 3	0 3		
					C. feet.	119
Venetian and panel door with frames, &c., complete	1	4 0	...	8 0	32	S. feet.
Batten door with frames complete	1	4 0	...	8 0	32	S. feet.
Venetian windows with frames complete—						
For office	2	3 6	...	5 0	35	S. feet.
Venetian windows with frames and glazed inner shutters complete	2	3 6	...	5 0	35	S. feet.
Batten windows with frames, iron bars $\frac{3}{4}$ " square and inner glazed shutters complete—						
For record room	4	3 6	...	5 0	70	S. feet.
Galvanised iron wire-netting to cover holes between joists	40	0 6	...	0 8	13	S. feet.
Sun-shades complete	...	2 in number.				
Terrace roofing—						
For office and record room	1	27 0	...	27 0	729	S. feet.
					Squares.	7.29
Bengal terrace—						
For verandah	1	27 6	...	8 0	220	S. feet.
					Squares.	2.20
Plastering with chunam interior walls—						
Office and record room	2	75 0	...	9 0	1,350	
Door jambs	2	14 0	...	1 6	42	
Window jambs	8	17 0	...	1 6	204	
Top of parapet	...	109 0	...	1 3	136	
Inside of parapet	...	104 0	...	1 0	104	
						1,836
Deductions—						
Doors	3	4 0	...	5 0	60	
Windows	8	3 6	...	5 0	140	
						200
					S. feet.	1,636
					Squares.	16.36
Plastering with Portland cement $\frac{1}{2}$ an inch thick—						
Office and record room	2	75 0	...	3 0	450	
Plinth exterior	...	128 0	...	2 3	288	

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Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Plastering with Portland cement $\frac{1}{2}$ an inch thick—cont.		FT. IN.	FT. IN.	FT. IN.		
Sides of steps	2	2 0	...	1 6	6	
Door jambs	2	6 0	...	1 6	18	
Deduct—						762
Doors	3	4 0	...	3 0	...	36
					S. feet.	726
					Squares.	7-26
Pointing exterior—						
Walls	...	114 0	...	15 6	...	1,767
Deduct—						
Door	1	4 0	...	8 0	32	
Windows	8	3 6	...	5 0	140	
						172
					S. feet.	1,595
					Squares.	15-95
Flooring with 8 inches square bricks—						
Office	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 6	6	
Verandah	1	26 0	...	6 6	169	
Steps	1	11 6	...	3 0	35	
					S. feet.	516
					Squares.	5-16
Flooring with asphalt $\frac{3}{4}$ inch thick over a bed of concrete 4 inches thick—						
Record room	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 0	4	
					S. feet.	310
					Squares.	3-10
Painting with three coats—						
Joists	42	13 6	...	1 5	803	
Verandah posts	4	2 0	...	7 6	60	
Brassumers	1	27 6	...	2 0	55	
Rafters	22	8 6	...	1 3	234	
Planking at ends	2	7 0	...	3 0	42	
Railing	1	18 0	...	3 0	54	
Venetian and panel door	3	4 0	...	8 0	96	
Batten door	2	4 0	...	8 0	64	
Venetian windows ... 4 x	2	3 6	...	5 0	140	
Do. with glazed shutters 5 x	2	3 6	...	5 0	175	
Batten windows with glazed shutters and iron bars ... 4 x	4	3 6	...	5 0	280	
Sun-shades	4	5 0	...	5 0	100	
Do.	2	2 0	...	2 0	8	
					S. feet.	2,111
					Squares.	21-11

ABSTRACT.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
2,234 C. feet.	Excavation for foundations ...		1,000 C. ft.		
1,243 "	Earth filling in basement ...				
864 "	Concrete in foundations ...		100 C. ft.		
1,468 "	Brick-work in foundations and basement ...		"		
2,429 "	Brick-work in superstructure ...		"		
86 "	Arch-work ...		"		
2 "	Stone-work under posts ...		C. ft.		
119 "	Teakwood wrought and put up ...		"		
32 Sq. ft.	Venetian and panel door with frames, hooks and rim lock, complete ...		Sq. ft.		
32 "	Batten door do do. ...		"		
25 "	Venetian windows with frames, hooks, &c., complete ...		"		
35 "	Venetian windows with frames and glazed inner shutters, hooks, &c., complete ...		"		
70 "	Battened windows with frames, iron bars and inner glazed shutters, hooks, &c., complete ...		"		
13 "	Galvanised iron wire-netting ...		"		
2 No.	Sun-shades ...		Each.		
7-29 Sqs.	Terrace roofing ...		Square.		
2-20 "	Bengal terrace ...		"		
16-36 "	Plastering interior walls with two coats of chunam ...		"		
7-26 "	Plastering with Portland cement $\frac{1}{2}$ an inch thick ...		Square.		
15-95 "	Pointing exterior walls ...		"		
5-16 "	Flooring with 8 inches square bricks laid in mortar over a levelling course of wall bricks ...		"		
3-10 "	Flooring with asphalt $\frac{3}{4}$ inch thick over a bed of concrete 4 inches thick ...		"		
21-11 "	Painting with three coats of Carson's paint ...		"		
	Petty supervision at $2\frac{1}{2}$ per cent. Contingencies at 5 per cent. ...		"		
	Grand Total of estimate ...				

MADRAS,
8th June 1888.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Revised standard design for a Sub-Registrar's office with tiled roofing.

Descriptive Specification.

Foundations.—A depth of 4 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond 2 bricks thick, verandah wall 1 brick thick.

Stone-work.—The stone-slabs under verandah posts should be $10\frac{1}{2}'' \times 10\frac{1}{2}'' \times 6''$ with mortice holes 2 inches square and 2 inches deep into which the posts will be tenoned. The steps may also be of stone-slabs if easily procurable.

Wood-work.—The verandah posts should be of Burma or Indian teakwood, well seasoned. The rafters and other roof timbers may be of approved country wood.

Doors.—Provide a venetian and panel door for the entrance and a strong battened door for the record room, both doors to be provided with a good Europe rim lock.

Windows.—Venetian windows to be provided for the office, and windows with glazed inner shutters, battened outer shutters, and iron bars $\frac{3}{4}$ inch square set diagonally for the record room. The sills of all windows should slope outwards with a small opening under the frame to allow water to flow out. All doors and windows to be provided with strong iron bolts and hinges and hooks for fastening when opened and the venetians to have wooden buttons for securing when closed.

Sun-shades.—Sun-shades to be provided for each of the end windows of the office.

Roofing.—The roof will be of the usual flat and pan-tiles or Mangalore tiles; in the latter case, the rafters should be spaced about 2' 6" apart centre to centre and a ceiling of $\frac{1}{4}$ inch planking provided.

Flooring.—The floor may be of square bricks or stone-slabs if the latter are easily procurable. The record room should be floored with asphalt $\frac{3}{4}$ inch thick.

Interior and exterior finishing.—The interior of the building should be plastered and rubbed smooth or plastered and whitewashed. Where good bricks or stone is obtained, the exterior should be pointed, otherwise plastered.

If the soil is damp, river sand to a depth of 1 foot at least should be laid below the flooring, and the interior walls to a depth of about 3 feet all round plastered with Portland cement half an inch thick. The exterior plinth should also be plastered with cement.

Painting.—The roof timbers, sun-shades, doors and windows to be painted with three coats of Carson's oak paint.

Ventilation.—For ventilation, the spaces between the rafters measuring about 15" x 6" and sloping outwards may be left open and galvanised iron wire-netting of $\frac{3}{4}$ inch mesh nailed in between to prevent birds and bats entering.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Detail measurements.

Detail of work.]	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundations—						
Outer walls	...	108 0	3 6	4 0	1,855	
Cross wall	1	24 6	3 6	4 0		
Verandah wall	...	35 6	2 4 $\frac{1}{2}$	4 0	337	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	2,234
Earth filling in basement—						
Record room	...	25 6	12 0	1 6	747	
Clerks' room	...	16 0	12 0	1 6		
Registrar's room	...	9 6	12 0	2 6	285	
Verandah	...	24 6	5 9	1 6	211	
					C. feet.	1,243
Concrete—						
Outer walls	...	108 0	3 6	1 6	696	
Cross wall	1	24 6	3 6	1 6		
Verandah wall	...	35 6	2 4 $\frac{1}{2}$	1 6	126	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	864
Brick-work in foundations to floor level—						
Outer wall footing course	...	108 0	2 7 $\frac{1}{2}$	1 6	522	
Cross do. do.	...	24 5 $\frac{1}{2}$	2 7 $\frac{1}{2}$	1 6		
Verandah do. do.	...	36 5 $\frac{1}{2}$	1 6	1 6	82	
Outer wall above footing course..	...	108 0	1 10 $\frac{1}{2}$	3 0	749	
Cross wall	...	25 1 $\frac{1}{2}$	1 10 $\frac{1}{2}$	3 0		

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Brick-work in foundations to floor level—cont.						
Verandah wall above	...	37 1 $\frac{1}{2}$	0 9	3 0	84	
Steps	...	7 6	1 0	0 6	4	
Do.	...	9 6	2 0	0 6	10	
Do.	...	11 6	3 0	0 6	17	
					C. feet.	1,468
Brick-work in superstructure—						
Outer walls	...	108 0	1 6	12 6	2,025	
Cross wall	1	25 6	1 6	21 6	822	
Gables	2	28 6	1 6	4 9	406	
						3,253
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Arch-work as per details...	...	...	...	...	86	
						392
					C. feet.	2,861
Arches over doors and windows—						
Over doors	2	5 6	1 6	1 1 $\frac{1}{2}$	86	C. feet.
Windows	8	5 0	1 6	1 1 $\frac{1}{2}$		
Stone-work—						
Under posts	4	0 10 $\frac{1}{2}$	0 10 $\frac{1}{2}$	0 6	2	C. feet.
Wood-work—						
Wall-plates	3	26 0	0 4	0 3	7	
Rafters	36	18 6	0 3	0 7	97	
Railing in clerks' room—						
Hand rail	1	9 6	0 3	0 2 $\frac{1}{2}$	1	
Bottom piece	1	9 6	0 3	0 2 $\frac{1}{2}$		
Uprights	17	3 0	0 1 $\frac{1}{2}$	0 1 $\frac{1}{2}$	1	
Do. at end	1	3 6	0 3	0 3		
Verandah—						
Posts	2	0 6	0 6	8 0	7	
Do.	2	0 6	0 6	6 6		
Brackets	2	1 0	0 6	0 4	1	
Do.	2	0 7 $\frac{1}{2}$	0 6	0 6		
Bressummers	2	10 0	0 6	0 6	5	
Do. piece at ends	2	7 0	0 3	0 4	1	
Valley rafters	2	11 0	0 3	0 5	3	
Do. ridge	1	8 6	0 3	0 5		
Rafters	16	9 6	0 2 $\frac{1}{2}$	0 4	15	
Do. small rafters	10	6 0	0 2 $\frac{1}{2}$	0 4		
		average length.				
Collar piece	1	6 0	0 3	0 3	1	
Finial	1	4 6	0 3	0 3		
Barge planks	2	7 0	0 6	0 1	1	
Do.	2	2 6	1 6	0 1	1	
Planking at ends	2	7 0	0 1	2 6	3	
					C. feet.	144
Venetian and panel doors with frames complete	1	4 0	...	8 0	32	Sq. feet.

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Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Batten door with frames complete ...	1	4 0	...	8 0	32	Sq. feet.
Venetian windows with frames complete for office ..	2	3 6	...	5 0	35	Sq. feet.
Venetian windows with glazed inner shutters for office ..	2	3 6	...	5 0	35	Sq. feet.
Batten windows with frames, iron bars, and inner glazed shutters for record room ...	4	3 6	...	5 0	70	Sq. feet.
Galvanised iron wire-netting between joists ...	2	26 0	...	0 8	35	Sq. feet.
Sun-shades ...		2 in number.				
Tiled roofing—						
Office and record room ...	2	29 6	...	37 6	2,213	
Verandah ...	1	22 9	...	8 0	242	
Do. ...	1	7 6	...	8 0		
					Sq. feet.	2,455
					Squares.	24.55
Plastering—						
Office and record room ...	2	75 0	...	14 6	2,175	
Door jambs ...	2	14 0	...	1 6	42	
Window jambs ...	8	17 0	...	1 6	204	
						2,421
Deductions—						
Doors ...	3	4 0	...	5 0	60	
Windows ...	8	3 6	...	5 0	140	
						200
					Sq. feet.	2,221
					Squares.	22.21
Plastering with Portland cement $\frac{1}{2}$ an inch thick—						
Office and record room ...	2	75 0	...	3 0	450	
Door jambs ...	2	6 0	...	1 6	18	
Plinth exterior ...	...	128 0	...	2 3	288	
Sides of steps ...	2	2 0	...	1 6	6	
					Sq. feet.	762
					Squares.	7.62
Pointing exterior—						
Walls ...	...	114 0	...	12 0	1,368	
Gables ...	2	28 6	...	4 9	271	
						1,639
Deduct—						
Door ...	1	4 0	...	8 0	32	
Windows ...	8	3 6	...	5 0	140	
						172
					Sq. feet.	1,467
					Squares.	14.67

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Flooring with 8 inches square bricks—						
Office ...	1	25 6	...	12 0	306	
Door piece ...	1	4 0	...	1 6	6	
Verandah ...	1	26 0	...	6 6	169	
Steps ...	1	11 6	...	3 0	35	
					Sq. feet.	516
					Squares.	5.16
Flooring with asphalt $\frac{3}{4}$ inch thick over a bed of concrete 4 inches thick—						
Record room ...	1	25 6	...	12 0	306	
Door piece ...	1	4 0	...	1 0	4	
					Sq. feet.	310
					Squares.	3.10
Painting with three coats of Carson's paint—						
Rafters ...	36	18 6	...	1 5	944	
Railing ...	...	18 0	...	3 0	54	
Verandah—						
Posts ...	2	2 0	...	7 6	54	
Do. ...	2	2 0	...	6 0		
Brackets ...	2	1 0	...	1 3	3	
Do. ...	2	1 0	...	1 6	3	
Bressummers ...	2	10 0	...	2 0	40	
Piece at end ...	2	7 0	...	0 6	7	
Valley rafter and ridge ...	...	30 0	...	1 0	30	
Rafters ...	...	212 0	...	0 10 $\frac{1}{2}$	186	
Collar piece and finial ...	...	10 6	...	1 0	11	
Planks ...	2	7 0	...	1 1	15	
Do. ...	4	2 6	...	1 6	15	
Do. ...	4	7 0	...	2 6	70	
Venetian and panel door ...	3	4 0	...	8 0	96	
Batten door ...	2	4 0	...	8 0	64	
Venetian windows ... 4 x	2	3 6	...	5 0	140	
Do. with glazed shutters 5 x	2	3 6	...	5 0	175	
Batten windows with shutters and iron bars ... 4 x	4	3 6	...	5 0	280	
Sun-shades ...	4	5 0	...	5 0	100	
Do. ...	4	2 0	...	2 0	16	
					Sq. feet.	2,303
					Squares.	23.03

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ABSTRACT.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
2,234 C. feet.	Excavation for foundations ...		1,000 C. feet.		
1,243 "	Earth filling in basement ...		100 C. feet.		
864 "	Concrete in foundations ...				
1,468 "	Brick-work in foundations and base- ment ...				
2,861 "	Brick-work in superstructure ...				
86 "	Arch-work ...				
2 "	Stone-work under posts ...		C. feet.		
144 "	Teakwood wrought and put up ...				
32 Sq. feet.	Venetian and panelled door with frames, hooks and rim lock, com- plete ...		Sq. feet.		
32 "	Batten door with frames, hooks, and rim lock, complete ...				
35 "	Venetian windows with frames, hooks, &c., complete ...				
35 "	Venetian windows with frames and glazed inner shutters, hooks, &c., complete ...				
70 "	Battened windows with frames, iron bars, and inner glazed shutters, hooks, &c., complete ...				
35 "	Galvanised iron wire-netting fixed.				
2 No.	Sun-shades ...		Each.		
24.55 Squares.	Tiled roofing with flat and pan-tiles and teak reepers ...		Square.		
22 21 "	Plastering interior walls with two coats of chunam ...				
7.62 "	Plastering interior walls with Port- land cement $\frac{1}{2}$ an inch thick ...				
14.67 "	Pointing exterior walls ...				
5.16 "	Flooring with 8-inch square bricks laid in mortar over a levelling course of wall bricks ...				
3.10 "	Flooring with asphalt $\frac{3}{4}$ inch thick over a bed of concrete 4 inches thick ...				
23.03 "	Painting with three coats of Carson's paint ...				
	Petty supervision at $2\frac{1}{2}$ per cent.				
	Contingencies at 5 per cent ...				
	Grand Total of Estimate ...				

MADRAS,
8th June 1888.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

21st JULY 1888, No. 2230 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. W. BRASSINGTON, Esq., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 8th June 1888, No. 414.

With reference to the orders of Government marginally noted, I have the honor to submit revised standard designs for Sub-Registrars' offices, with tiled roof and terraced roof, with specifications and schedules of quantities.

No. 334 D.

Forwarded for the approval of Government in the Judicial Department.

OOTACAMUND,
16th June 1888.

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

Referred to the Inspector-General of Registration for remarks.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Under-Secretary.

22nd June 1888.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 28th June 1888, G. No. 2700.

With reference to endorsement, Judicial, (returned with plans and papers), dated the 22nd June 1888, on a letter from the Consulting Architect to the Government, submitting revised designs for Sub-Registry offices with tiled roof and terraced roof, I have the honor to state that the accommodation provided in the revised design is precisely the same as that provided in the design sanctioned in 1885, and that so far as departmental needs are concerned, I have no remarks to make.

2. As regards artistic appearances, I am no judge, but I should not omit to mention, for the information of the Government, that in the tiled roof design the "dormer" has been omitted, apparently because it was difficult to build, and still more difficult to keep from leaking.

3. The terraced roof design is about the same. It is to be hoped that wherever this design is adopted by the Public Works Department, the terrace will be carefully and substantially built to prevent it from leaking.

4. The estimate for the two designs does not make provision for any lightning conductors. They may, or may not, be required in some places.

Transferred to the Public Works Department with papers received under endorsement No. 334 D., dated 16th June 1888, returned, and with an intimation that Government in this department approve of the revised type-designs.

(By Order.)

7th July 1888.

(Signed)

A. G. CARDEW,
Ag. Under-Secretary.

ORDER—dated 21st July 1888, No. 2230 W., Public Works.

The revised type-designs, with descriptive specifications and estimates of quantities for Sub-Registrars' offices will be circulated to officers of the Public Works Department in supersession of previous type-designs for similar buildings.

2. Lightning conductors are not considered necessary for these buildings.

(True Extract.)

(Signed)

J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
„ Judicial Department.

Exd. F. R. Bantleman.
Spare Copies

3523

7

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1888) Madras.
PUBLIC WORKS.

Dated July, 21st.

Recd.

Encl.

G.O., 21st July 1888, No. 2230 W.

JULY.

Type-designs

Circulating the revised — with descriptive specifications and estimates of quantities for Sub-Registrars' offices in supersession of previous type-designs.

3523
Registration Department.

F No. 2947.

From,

George Hammett Esquire,
Inspector General of Registrars,
Madras.

To,

The Honorable J. F. Price,
Chief Secretary to the Government,
Pottacamund.

Dated, Pottacamund, the 16th June 1889.
Sir,

Under the sanction granted in G. O. Judicial dated the 14th June 1882, No. 502, the Sub. Registry Office at Tirumalaiah in the Trichinopoly district was transferred from an ex-officio to a Special Officer, and during the last three years it produced.

Years	Registration	Receipts	Expenditure
1886-87.	No. 1667	Rs. 1704	Rs. 1257
1887-88.	2304	2418	1431
1888-89.	2444	2368	1388.

2.

A new Sub. registry office was opened on the 1st April 1885 at Arinjalar in the same district, under the sanction accorded in.

in G. O. Judicial dated the 31st December 1884, No 3553., and it produced during the last three years-

Years	Registrations	Receipts	Expenditure
1886-87.	Rs. 1,976.	Rs. 1,969.	Rs. 1,236.
1887-88.	2,339.	2,253.	1,402.
1888-89.	2,338.	2,264.	1,360.

3. The Registrar inspected both offices early in March this year, and remarked.
Perambalur.

"The office accommodation is insufficient."

Aringalur

"The office accommodation here is more inconvenient and insufficient than that at Perambalur."

4. At Perambalur the office is held in a room attached to the Tahsil Cutchery. If an additional room be added, according to the revised Standard design, for the office, the present room may be utilized for the record room.

5. At Aringalur a room in the subsidiary jail is used. A new office on the revised standard design is necessary here, and I have the honor to recommend that the sanction of the Government may be obtained for having the requisite plans and estimates prepared.

3523
prepared for providing the accommodation needed at each station.

I have the honor to be,

Sir,

Your most obedient servant,

W. Hammett
Inspector General of Revenue.

Q.N.C. No 6073

Am

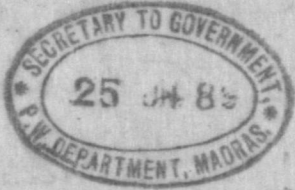
27th June 89

Approved and transferred
to the P. W. Department.

A. G. Candau.

Under Secy.

19.7.89



Principal (1889) Department
Registration

From,
The Inspector General
of Registration,
Madras.

To,
The Chief Secretary
to the Government,
Chennai.

Dated 16th June 1889
Received
No. 1753 dt. 23rd July 1889

L. No. 2947.
Enclosure (nil).

Recommending that some-
-tion of the Government may
be obtained for having the
requisite plans and estimates
prepared for providing the ac-
-commodation needed for
the Sub. Registrar's Office at
Perambalur and Arigalur
in the Tiruchirappalli District.

Communicated
to the Suptg. Engineer
of Circle who will
arrange for the
requisite estimates
being prepared

Approved
26.6.89

W.C.B.
1.7.89
S. C. M. A. S.
Ind. Depts.

No 8367c

Superintendent of Circle
Tiruchirappalli 5th Dec 1889
88/- 3523

From

Lieut Col. A. C. Smith
Superintendent, 5th Circle

To

The Chief Engineer
P.W.D. - Madras.

Sir,

With reference to G.O. No. 1753 W
of 3rd July 89, I have the honor to state that
an estimate of Rs 2660 for Sub Registrar's
office at Arigalur was submitted
for sanction thro' the Inspector General
of Registration, with this office No. 7747c
18.11.89,
and as the estimate for Sub Registrar's
office at Perambalur amounts to only
Rs 1694, it will be sanctioned by me.
This estimate has been approved by the
Inspector General.

I have the honor to be
Sir

Your most obedient servant.

Al Smith Lieut Col. R.
Superintendent 5th Circle.

From

The Supt. Engineer
Maiden,

To,

The Chief Engineer
P. W. D.

No 3523 Wd/10 Dec 1889

Recorded &
Recorded

10.12.89

No D367C

Dated 5th 3 Decemr/89.
Desp. 6 3 Decemr/89.

(11)

Reports that an estimate
of Rs 2660 for sub. Registry
office at Arivalur was
submitted for sanction
thru the Inspector General
of Registration & that
the estimate of Rs 1694
for sub. Registry office
at Perambalur will
be sanctioned by him.

WRE to Mr. C.
C.

11/12
15/12