(1) பக்கங்களின் எண்ணிக்கை 62

(2) புதுக்கித் திருப்பிய நாள் 15.5.88

(3) ஆதாரங்குறிப்பவர் சருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

அரசாணை எண். — 2230 — அச்சகம்
மு. கோப்புத் தாள் எண். பல்வகை

நாள் : 21.7.1988 — 198—

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

C.12

ஆவண. கா-1—18,000—15-6-87.

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.

G.O. No. 879 W., dated 16th March 1888.
" " 1333 W., " 7th May "

No. 334 D.

Forwarded for the approval of Government in the Judicial Department.

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

Ootacamund,
16th June 1888.

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.

1. 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.)

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

7th July 1888.

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,
" Executive Engineers,
" Divisional Officers,
" Sub-Divisional Officers,
" Sub-Registrars.

Ext. F. B. Gentleman.
Spare Copies

2230
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July 21st.

Rcd. 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.

2230

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 10½" × 10½" × 6' with mortice holes 2" square and 2" deep, into which the posts will be tennoned. 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, ¾ 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 "pucka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have sheets 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, ¾ 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" × 6" sloping outwards and closed with wire-netting of ¾ 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.		
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundations—						
Outer walls	1	108 0	3 6	4 0	1,855	
Cross wall	...	24 6	3 6	4 0		
Verandah wall	...	35 6	2 4½	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. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		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	285	
Registrar's room	1	9 6	12 0	2 6	211	
Verandah	1	24 6	5 9	1 6		
					C. feet.	1,243
Concrete—						
Outer walls	...	108 0	3 6	1 6	696	
Cross wall	1	21 6	3 6	1 6	126	
Verandah wall	...	35 6	2 11	1 6	42	
Steps	...	12 6	3 6	1 0		
					C. feet.	864
Brick-work in foundations and basements—						
Outer walls footing course ...	...	108 6	2 7½	1 6	522	
Cross wall do. ...	...	21 5½	2 7½	1 6	82	
Verandah wall do. ...	...	36 5½	1 6	1 6		
Outer wall above footing course...	...	103 6	1 10½	3 9	749	
Cross wall do. ...	...	25 11½	1 10½	3 0		
Verandah wall do. ...	...	37 1½	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 1½	1 0	123	
Coping	...	117 6	0 9	0 9	66	
						2,821
Deductions—						
Doors	2	4 6	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 1½	86	C. feet.
Windows	8	5 0	1 6	1 1½		
Stone-work—						
Under posts	4	0 10½	0 10½	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. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		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 2½	1	
Bottom piece	1	9 6	0 3	0 2½		
Uprights	17	3 0	0 1½	0 1½	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 ¾" 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...	10	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 ½ an inch thick—						
Office and record room	2	75 0	...	3 0	450	
Plinth exterior	...	123 0	...	2 3	288	

Detail measurements—cont.

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or cubic contents.	Total quantity of each description of work.
		Ft. In.	Ft. In.	Ft. In.		
Plastering with Portland cement ½ an inch thick—cont.						
Sides of steps	2	2 0	...	1 6	6	
Door jambs	2	6 6	...	1 6	13	
						762
Deduct—						
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 asphalte ¾ 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	
Brossummers	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 ×	2	3 6	...	5 0	140	
Do. with glazed shutters 5 ×	2	3 6	...	5 0	175	
Batten windows with glazed shutters and iron bars ... 4 ×	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. ...		„		
75 „	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 ...		Each.		
2 No.	Sun-shades		Square.		
7·29 Sqs.	Terrace roofing		„		
2·20 „	Bengal terrace				
16·36 „	Plastering interior walls with two coats of chunam		„		
7·26 „	Plastering with Portland cement ½ 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 asphalte ¾ inch thick over a bed of concrete 4 inches thick		„		
21·11 „	Painting with three coats of Carson's paint		„		
	Petty supervision at 2½ 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 10½" × 10½" × 6" with mortice holes 2 inches square and 2 inches deep into which the posts will be tennoned. 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 ¾ 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 ¼ 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 asphalte ¾ 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" × 6" and sloping outwards may be left open and galvanised iron wire-netting of ¾ 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. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		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 4½	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 4½	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 7½	1 6	522	
Cross do. do. ...	...	24 5½	2 7½	1 6		
Verandah do. do. ...	...	36 5½	1 6	1 6	82	
Outer wall above footing course..	...	108 0	1 10½	3 0	749	
Cross wall	...	25 1½	1 10½	3 0		

2223
6

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Brick-work in foundations to floor level—*cont.*						
Verandah wall above	...	37 1½	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 1½	86	C. feet.
Windows	8	5 0	1 6	1 1½		
Stone-work—						
Under posts	4	0 10½	0 10½	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 2½	1	
Bottom piece	1	9 6	0 3	0 2½		
Uprights	17	3 0	0 1½	0 1½	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 7½	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 2½	0 4	15	
Do. small rafters	10	6 0 average length.	0 2½	0 4		
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.

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		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 6	...	0 8	35	Sq. feet.
Sun-shades		2 in number.				
Tiled roofing—						
Office and record room	2	29 6	...	[illegible]	2,213	
Verandah	1	22 9	...	8 9	243	
Do.	1	7 6	...	8 0		
					Sq. feet.	2,455
					Squares.	24·55
Plastering—						
Office and record room	2	75 0	...	11 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 ½ an inch thick—						
Office and record room	2	75 0	...	3 6	529	
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

Correction made
* Vide Consulting Sketch No. 1565 of 18-7-91
and G.C. No. 20150 of 27-7-91.

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		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 asphalte ½ 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 10½	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 ×	2	3 6	...	5 0	140	
Do. with glazed shutters 5 ×	2	3 6	...	5 0	175	
Batten windows with shutters and iron bars ... ... 4 ×	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

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		„		
864 „	Concrete in foundations		100 C. feet.		
1,468 „	Brick-work in foundations and basement		„		
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, complete		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.		
1248 ~~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 Portland cement ½ 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 asphalte ¾ inch thick over a bed of concrete 4 inches thick		„		
23·03 „	Painting with three coats of Carson's paint		„		
	Petty supervision at 2½ per cent.		„		
	Contingencies at 5 per cent ...		„		
	Grand Total of Estimate ...				

MADRAS,
8th June 1888.

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

correction made
* Vide C. A. letter No. 1568 dt 18-7-91 & G.O. No. 2015 dt 9-7-91

No. 1. P. W. D. 11

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
8th June 1888.

No. 414

From
J. W. Brassington, Esq.,
Consulting Architect
to the Government of Madras,

To
The Chief Engineer
Public Works Department

Sir,

Enclosures 6 [illegible]

G.O. No. 579 dt 27/3/91
16 March 1888
No. 2133316 dt 7/5/91
7th May 1888.

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 & schedules of quantities.

I have the honor to be
Sir
Your most obedient Servant

J W Brassington
Consulting Architect
to Government

h 1243 — 4 — 6 — 10
Pr 1222 — 7 — 3 — 88
w 722 — 21 — 2 — 88
Pr 0179 — 16 — 3 — 88
w 315 — 2 — 2 — 88.
Pr 163 — 16 — 1 — 88.
Pr 509 — 16 — 2 — 88.
i 414 — 6 — 2 — 88.
h 2911 A — 21 — 12 — 87
Pr 2324 — 21 — 87

No 879 W dy 16.3.88
" 416 W dy 6.2.88
" 850 W dy 15.2.88
" 162 W dy 16.1.88
" 3234 W dy 28.11.87
" 1233 W dy 7.6.88
" 1049 W dy 5.8.88

P.W. Department
No 334 D. Ootacamund 6th June 88

CURRENT NO.

Forwarded for the approval of Government in the Judicial Department

Solicitor Col RR
Secy to Govt P.W. Dept

3P
Mem
13.6.88

Referred to the Inspector General of Registration for remarks, ~~and return of Go. 24 dated 28th June 1888~~

(by order)
L.G. Carden.
Ag. Under Secy.

0/13/6. 5/6 87.6

From

The Consulting Architect
to the Government of
Madras.

To

The Chief Engineer
P.W.D.

No 446

Dated 8th June 1888
Rec'd 9th June 1888

Subject

Submitting Revised Estimated designs and Schedule of quantities for Registrar's offices with tiled roofs & terraced roofs.

Endorsed

Registration Department. 41P

G.O. No. 2700 CURRENT NO.

From,

Geo. Stanniett Esqr.
Inspector General of Registration
Madras.

To,

The Honorable H.E. Stokes.
C.S.I. Secretary to the Government.
Ootacamund.

Madras the 28th June 1888.

Sir,

Returned with plans and papers.

With reference to endorsement Judicial 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 designs is precisely the same as that provided in the designs 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 designs the "Dormer" windows omitted, apparently because it was difficult to build, and still more difficult to keep from leaking.

3. The forward 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.

I have the honor to be,

Your most obedient Servant,

W. Kennett

Inspector General of Registration.

23/5/11
5

Recd

SECRETARIAT GOVERNMENT
P.W. DEPARTMENT, MADRAS
7 JUN

Transferred to the P.W.D. with papers received under indorsement no 334 D dated 16th June 1858 returned, with an intimation that Govt in this Dept approve of the revised type designs.

(by order)
R.J. Candeer
Asst under Secy

From,
The Inspector General
of Registration
Madras

To,
The Chief Secretary to the
Government
of Fort St George

Dated 28th
Received 5 June 1858.

Registered No. 2703.

Examiner

No.

Submitting remarks with reference to Endorsement Dupl. dated 22nd June 1858 on a letter from the Executive Architect & Port Architect forwarding revised designs for Sub-registry Offices with tiled and terraced roofs.

Revised Standard Design for Sub Registrars office with Terraced Roofs

Description 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 English bond 2 bricks thick. Verandah wall 1 brick thick.

Stonework The stone plinth under verandah posts should measure 10" x 10" at the top with 2" square mortice holes 2" square and 3" deep in which the posts will be tenoned and may also be of stone. Plinth of bench pier

Woodwork The Verandah posts, transoms and joists should be of Burma teak or teakwood well seasoned.

Doors Provide a Venetian and panelled door for the entrance and a strong battened door for the Record room, (according to the design shown in the plan for tiled roofing) the doors to be provided with a good (Sun?) lock.

Windows Venetian windows to be provided to the office, and windows with finger bars

Rs. 2 No 723345 17.5.55
3 " 8794 " 16.3.58
Rs. 1 1634 " 16.1.58
" 3236 " 25.11.57
" 1019 " 5.1.58

0.5.40:7
0.13.7.58

ened outer Shutters and iron bars 3/8 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
hooks for fastening when opened, and the
doors to have wooden buttons for securing
when closed.

Sunshades to be provided for each windows of the office. — Sunshades

The roofing of the office and Record — Roofing
Room "pucka terraceing" Care being
taken proper slopes are made for drainage
to the weep-holes, which will have shoots
of teakwood or teakwood projecting
about 2 feet from the face of the wall. The
chadar roof will be of Bengal terrace, or
Bangalore tiles where they are easily pro-
curable.

The floor may be of square bricks or — Flooring
tiles if the latter are easily procurable.
The room should be floored with asphalte
1" thick.

The interior of the building should be — Interiors & Exteriors finishing
well 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 1/2 an inch
thick. The Exterior plinth should also be
plastered with cement.

Painting — The roof timbers, Sunshades doors
and windows to be painted with 3 coats of
Garoon's oak paint.

Ventilation — Holes to be left between the joists
measuring 4" x 6" sloping outwards and closed
with wire netting 1/4 inch mesh to prevent birds
and bats entering.

W. Brunton Jun.
Consulting Architect to Govt

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
		Rs.		Rs.	Rs.
2234 cft.	Excavation for foundations		100 cft.		
1243 "	Earthfilling in basement		"		
864 "	Concrete in foundations		100 cft.		
1468 "	Brickwork in foundations and basement		"		
2429 "	Brickwork in Superstructure		"		
86 "	Archwork		"		
2 "	Stonework under posts		cft.		
119 "	Teakwood wrought and put up		"		
32 Sft.	Venetian and panel door with frames hooks and rim lock complete		Sft.		
32 "	Battin door. do do		"		
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 & complete		"		
13 "	Galvanized iron wire netting		"		
2 no	Sunshades		Each		
7·29 Sqrs	Terrace roofing		Sqre		
2·20 "	Bengal terrace		"		
16·36 "	Plastering interior walls with 2 Coats of Chunam		"		
	Grand Total of Estimate ...				

STATION

Dated

Executive Engineer

ESTIMATE FORM.—Abstract.

(Accompanying the Detailed Estimate No. [illegible])

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		£s.		£s.	£s.
7·26 Lgno	Plastering with Portland cement ½ an inch thick		Sqre		
15·95 "	Painting Exterior walls		"		
5·16 "	Flooring with 8 inches square bricks laid in mortar over a levelling course of wall bricks		"		
3·10 "	Flooring with asphalte ¾ inch thick over a bed of concrete 4 inches thick		"		
21·11 "	Painting with 3 coats of Carson's paint		"		
	Petty Supervision at 2½ percent				
	Contingencies at 5 percent				
	Grand Total of Estimate ...				

STATION Bradno

Dated 8th June 1891

A M Mackenzie
Executive Engineer
Existing Irrigation & Canals

P. W. No.

Circle—

Division—

ESTIMATE FORM.—Abstract.

To accompany the Detailed Estimate No. of 188 , for

Constructing a Sub Registrar's office and Verandah in front

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

[P. W. D. Code.—Paras. 821, 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.
Excavation for foundations						
outer walls	1	108-0	3-6	4-0		
Cross wall	1	24-6	3-6	4-0	1075	
Verandah wall	1	35-6	2-4½	4-0	337	
Steps	1	12-0	3-6	1-0	42	
					Cubic feet	2234
Earth filling in basement						
Record room	1	25-6	12-0	1-6		
Clerks "	1	16-0	12-0	1-6	747	
Registrar "	1	9-6	12-0	2-6	285	
Verandah	1	24-6	5-9	1-6	211	
					Cubic feet	1243
Concrete						
outer walls	1	108-0	3-6	1-6		
Cross wall	1	24-6	3-6	1-6	696	
Verandah wall	1	35-6	2-4½	1-6	126	
Steps	1	12-0	3-6	1-0	42	
					Cubic feet	864
Brickwork in foundations & basement						
outer walls footing courses	1	108-0	2-7½	1-6		
Cross wall do	1	24-5½	2-7½	1-6	522	
Verandah wall do	1	36-5½	1-6	1-6	82	
					Carried on	604

[P. W. D. Code.—Forms, 931, 933.]

P. W. D. Form No. N 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward Cubic feet					694	
Brickwork in foundations & basement (Continued)						
outer wall above footing Course	1	102-0	1-0½	3-0	749	
Cross wall do	1	20-1½	1-0½	3-0		
Verandah wall do	1	57-1½	0-9	3-0	84	
Steps do	1	9-6	1-0	0-6	4	
do do	1	9-6	2-0	0-6	10	
do do	1	4-6	3-0	0-6	7	
				Cubic feet		1468
Brickwork in Superstructure						
outer walls	1	102-0	1-6	13-0	2106	
Cross wall	1	25-6	1-6	13-9	526	
Parapet	1	49-6	1-1½	1-0	123	
Coping	1	49-6	0-7	0-9	86	2021
Deductions						
Doors	2	4-0	1-6	8-0	96	
Windows	8	3-6	1-6	5-0	210	
Archwork as per details					86	392
				Cubic feet		2429
Archwork over doors and windows						
over doors	2	8-0	1-6	1-4½	86	Cubic feet
windows	8	5-0	1-6	1-4½		
Stonework						
under posts	4	0-12	0-12	10-0	12	Cubic feet
Teakwork complete and put up						
Joists	42	13-6	0-3	0-7	83	
Verandah posts	4	9-6	0-6	7-6	8	
do Brizummero	1	25-0	0-6	0-6	7	
do Rafters	22	9-6	0-3	0-4	16	
				Cubic feet		114

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 Cubic feet					114	
Verandah pieces at Ends	2	7-0	0-3	0-4	1	
do planks at do	2	7-0	1-1	0-6	2	
Railing in Clerks room						
Hand rail	1	9-6	0-3	0-2½	1	
Bottom piece	1	9-6	0-3	0-2½		
2 uprights	17	3-0	0-1½	0-1½		
do at end	1	3-6	0-3	0-3½	1	
				Cubic feet		119
Venetian and panel door with frames &c complete	1	4-0	-	8-0	32	Square feet
Batten door with frames complete	1	4-0	-	8-0	32	Square feet
Venetian windows with frames complete for office	2	3-6	-	5-0	35	Square feet
Venetian windows with frames and glazed inner Shutters complete	2	3-6	-	5-0	35	Square feet
Batten windows with frames 3in bars ¾" square and inner glazed Shutters complete for Recen Room	4	3-6	-	5-0	70	Square feet

ESTIMATE FORM. Detail Measurements.

Detail of Work.	Measurements in Feet. Number	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Galvanized iron wire netting to cover holes between bricks	40	6	0	0	13	Square feet
Sunshades complete	2	in Number				
Terrace roofing for office and record room	1	27-0	-	27-0	729	Square feet
						Square 7.29
Bengal terrace for verandah	1	37-6	-	2-0	220	Sq feet
						Squares 2.20
Plastering with Chunam interior walls						
office and record room	2	75-0	-	9-0	1350	
Door Jambs	2	4-0	-	1-6	42	
Window Jambs	2	9-0	-	1-6	204	
top of parapet	1	99-0	-	1-3	126	
inside of do	1	44-0	-	1-0	104	1836
Deduction						
Doors	3	4-0	-	5-0	60	
Windows	2	3-6	-	4-0	140	200
					Square feet	1636
					Squares	16.36

[P. W. D. Code.—Paras. 821, 831.]

No. M. 201.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Measurements in Feet. Number	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Plastering with Portland Cement ½ an inch thick						
office and record room	2	75-0	-	3-0	450	
plinth exterior	1	120-0	-	2-3	288	
Sides of Steps	2	2-0	-	1-6	6	
Door Jambs	2	6-0	-	1-6	18	762
Deduct						
Doors	3	4-0	-	3-0		36
					Square feet	726
					Squares	7.26
Pointing Exterior						
Walls	1	110-0	-	16-6		1767
Deduct						
Door	1	4-0	-	8-0	32	
Windows	2	3-6	-	5-0	140	172
					Square feet	1590
					Squares	15.95
Flooring with 8 inches Square bricks						
offices	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	
					Square feet	516
					Squares	5.16

20,000—14-10-87.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Measurements in Feet.				Area or Contents.	Total Quantity of each description of Work.
	Number.	Length.	Breadth.	Height.		
Flooring with asphalte 3/4 inch thick over a bed of concrete 4 inches thick						
Record room	1	25-6	12-3		306	
Door piece	1	4-0	1-8		7	
				Sq. feet	310	
				Squares	3.10	
Painting with 3 coats						
Joists	42	12-6	0-5		225	
Verandah posts	6	2-0	0-6		do	
Brackets	1	12-6	2-0		25	
Rafters	22	8-6	1-3		234	
Planking at ends	2	7-0	3-0		42	
Railing	1	12-0	8-0		96	
Venetian and panel door	3	4-0	2-0		64	
Batten door	2	4-0	2-0		40	
Venetian windows 4 x	2	5-6	5-0		175	
do with glazed shutters 2 x	2	5-6	5-0			
Batten windows with glazed shutters and iron bars 2 x	2	3-6	5-0		140	
Sunshades	7	5-0	2-0		70	
do	1	2-0	2-0		8	
				Sq. feet	2111	
				Squares	21.11	

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

Descriptive Specification

Foundations — A depth of 2½ feet is provided for 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 walls 1 brick thick.

Stonework — The stone plinth under verandah posts should be 2 inches square and 2 inches deep and the posts will be trimmed. The steps may also be of stone slabs if easily procurable.

Wood work — The verandah posts should be of Burmah 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 iron shutters battened outer shutters and iron bars

3/4" square set diagonally for the Record room. The sills of the 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.

Sunshades to be provided for each of the end windows of the office.

Sunshades

Roofing

The roof will be of the usual flat and spanish tiled or slated gable, in the latter case the rafters should be spaced about 2'-6" apart centre to centre and a ceiling of 1/2 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 asphalte 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 obtainable the Exterior should be pointed, otherwise rendered.

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 1/2 an inch thick. The Exterior plinth should also be plastered with cement.

Painting

The roof timbers, sunshades doors and windows to be painted with 3 coats of Carsons 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 3/4 inch mesh nailed in between to prevent birds and bats entering.

J. W. Meadings Son
Consulting Architect to Govt

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
		Rs.		Rs.	Rs.
2234 cft	Excavation for foundations		100 cft		
1243 "	Earth filling in basement		"		
864 "	Concrete in foundations		10 cft		
1468 "	Brickwork in foundations and basement		"		
2561 "	Brickwork in superstructure		"		
86 "	Arches		"		
2 "	Stoneware under feets		cft		
144 "	Teakwood wrought and put up		"		
32 sft	Venetian and panelled door with frames hooks and iron bolt complete		sft		
32 "	Batten door do. do. do		"		
35 "	Venetian windows with frames hooks &c complete		"		
35 "	Venetian window with frames and glazed inner shutters hooks &c complete		"		
70 "	Battened windows with frames iron bars and inner glazed shutters hooks &c complete		"		
35 "	Galvanized iron wire netting fixed		"		
2 No	Sunshades		Each		
4655 sft	Tiled roofing with flat and pan tiles and teak rafters		sft		
	Grand Total of Estimate ..				

Station

Dated [illegible] Executive Engineer.

000—14-10-87.

P. W. D. F
No. M-20

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

N.B.—Accompany the Detailed Estimate No.
of 188 -8 for

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

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
		Rs.		Rs.	Rs.
22.24	sqrs Plastering interior walls with 2 Coats of chunam		Sqr		
70.62	" do do with Portland Cement ½ an inch thick		"		
14.67	" Painting Interior walls		"		
5.16	" Flooring with 9" Square bricks laid in mortar over a bedding course of wall bricks		"		
3.10	" Flooring with asphalte ¾ inch thick over a bed of concrete 4 inches thick		"		
23.03	" Painting with 3 Coats of Carson's paint		"		
	Petty Supervision at 2½ per cent				
	Contingencies at 5 per cent				
	Grand Total of Estimate ...				

STATION Madras
Dated 8th January 1887

E. M. Broadmore
Consulting Architect to Govt

,000—14-10-87.

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

Circle—

Division—

ESTIMATE FORM.—Abstract.

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

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

20,000—14-10-87.

P. W. D. Code.—Paras. 321, 321-1.

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.
Excavation for foundations						
outer walls	-	108-0	3-6	4-0	1855	
Cross wall	1	24-6	3-6	4-0		
Verandah wall	-	35-6	2-4½	4-0	337	
Steps	-	12-0	3-6	1-0	42	
				Cubic feet		2234
Earth filling in basement						
Record room	-	25-6	12-0	1-6	747	
Clerks do	-	16-0	12-0	1-6		
Registrar do	-	9-6	12-0	2-6	285	
Verandah	-	24-6	5-9	1-6	211	
				Cubic feet		1243
Concrete						
outer walls	-	108-0	3-6	1-6	696	
Cross wall	1	24-6	3-6	1-6		
Verandah wall	-	35-6	2-4½	1-6	126	
Steps	-	12-0	3-6	1-0	42	
				Cubic feet		864
Brickwork in foundations to floor level.						
outer wall-footing course	-	108-0	2-7½	1-6	522	
Cross do do	-	24-5½	2-7½	1-6		
Verandah do do	-	36-5½	1-6	1-6	82	
outer wall above footing course	-	108-0	1-10½	3-0	749	
Cross wall	-	25-1½	1-10½	3-0		
				Carried over C.ft.		1353

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 cubic feet					1353	
Brickwork in foundations to floor level (Continued)						
Verandah wall above	1	37-1½	1-9	3-0	84	
Steps	1	7-6	1-0	0-6	4	
do	1	9-6	2-0	0-6	10	
do	1	11-6	3-0	0-6	17	
				Cubic feet		1468
Brickwork in Superstructure						
outer walls	1	108-0	1-6	12-6	2025	
Verandah wall	1	25-6	1-6	21-6	822	
Gables	2	28-6	1-6	4-9	446	3253
Deductions.						
Doors	2	4-0	1-6	8-0	96	
Windows	8	3-6	1-6	5-0	210	
Archwork as per details					86	392
				Cubic feet		2861
Arches over Doors and Windows						
over Doors	2	5-6	1-6	1-1½	86	Cubic feet
Windows	8	5-0	1-6	1-1½		
Stonework						
under posts	4	0-10½	10½	0-6	2	Cubic feet

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Wood work						
Wall plates	3	26-0	0-4	0-3	7	
Rafters	36	18-6	0-3	0-7	97	
Railing in clerestory						
Hand rail	1	9-6	0-3	0-2½	1	
bottom piece	1	9-6	0-3	0-2½		
uprights	17	3-0	0-1½	0-1½		
do splayed	1	3-6	0-3	0-3	1	
Verandah						
posts	2	0-6	0-6	6-0	7	
do	2	0-6	0-6	6-6		
brackets	2	1-0	0-6	0-4	1	
do	2	0-7½	0-6	0-6		
Bressummers	2	0-0	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	0-2½	0-4	15	
do Small rafters	10	6-0 average length	0-2½	0-4		
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	
				Cubic feet		144

W. D. Code.—Paras. 221, 331.]

4

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Ft. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Venetian and panel doors with frames complete	1	4—0	-	8—0	32	Sq feet
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
Galvanized iron wire netting between joists	2	26—0	-	0. 8	35	Sq feet
	2	in Number				
Sunshades Tiled roofing office and Record room	2	29. 6	-	15-9 / 23-6	1106 / 2213	
Verandah	1	22. 9	-	0-0	242	
do.	1	7. 6	-	0-0		
				Square feet	15-48 / 24-55	13-48 / 2-48-55
				Squares		

× × Correction made vide C. A. letter No 1568 dt 18-7-91 and G. O. No 2015 dt 27-7-91

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Plastering						
office and Record room	2	75—0	-	12. 6	2175	
Door Jambs	2	14—0	-	1. 6	42	
Window Jambs	8	17—0	-	1. 6	204	
Deduct						2421
Doors	3	4—0	-	5. 0	60	
Windows	8	3. 6	-	5. 0	140	200
				Sq feet		2221
				Squares		22-21
Plastering with Portland Cement 1/2 an inch thick						
office and record room	2	75—0	-	3—0	450	
Jambs	2	6—0	-	1—6	18	
plinth Exterior		20—0	-	2. 2	264	
Sides of Steps	2	2—0	-	1. 6	6	
				Sq feet	762	
				Squares		7. 62
Painting Interior						
Walls	2	114—	-	12—0	1368	
Gables	2	20. 6	-	4. 9	271	1639
Deduct						
Door	1	4—0	-	8—0	32	
Windows	8	3. 6	-	5—0	140	172
				Square feet		14. 67
				Squares		14-67

P. W. D. Code. No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth	Area or Contents.	Total Quantity of each description of Work.
Flooring with 8" Square bricks						
Office	1	25-6	- 12-0		306	
Door piece	1	1-0	- 0-6		6	
Verandah	1	25-0	- 6-6		169	
Steps	1	11-6	- 3-0		35	
			Sq feet		516	
					Squares 5.16	
Flooring with asphalte 3/4 inch thick over a bed of Concrete 4" 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 3 coats of Carons paint						
Rafters	36	18-6	- 1-5		944	
Railing		18-0	- 3-0		54	
Verandah						
posts	2	2-0	- 2-6		54	
do	2	2-0	- 6-0			
brackets	2	1-	- 1-3		3	
do	2	1-	- 1-6		3	
breezammers	2	4-0	- 2-0		140	
			Carried forward		1498	

[P. W. D. Code.—Paras. 921, 931.]

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
			Brought forward	Sq feet	1498	
Painting with 3 coats of Carons paint (continued)						
piece at end						
Valley rafter and ridge	2	7-0	- 0-6		7	
Rafters		30-0	- 1-0		30	
Collar pieces and finial		212-0	- 0-1½		186	
planks		10-6	- 1-0		11	
do	2	7-0	- 1-1		15	
do	4	2-6	- 1-6		15	
Venetian and panel door	4	7-0	- 2-6		70	
Batten door	3	4-0	- 8-0		96	
Venetian windows	2	4-0	- 8-0		64	
do with glazed shutters	4 × 2	5-6	- 8-0		140	
Batten windows with do and iron bars	2 × 2	3-6	- 8-0		175	
Sunshades	4	4	3-6	- 8-0		280
do		4	8-0	- 8-0		100
		4	2-0	- 2-0		16
				Square feet		2303
				Squares		23.03

20,000—14-10-87.

No 428

Ref. 2233-58

Dy. W.

Objection attached to quantities is a general one leaving details to Executive officers in each District.

"Pucka terracing" is correctly described in Standard Specifications supplied to officers of the Department. The brick levelling course is a necessary evil in forming a terrace, when there is no better way of providing slopes. In this building a slight depression of the joists on the outer sides will give the slope required.

Pipe spouts will not be objected. Pipes are likely to get choked and give constant trouble and only can be repaired by a plumber.

D M Deasy
12.6.58
Consulty: Architect's Office

2233/58

Plumber's Judicial Dept
for approval.

Deasy
13.6.58

C.A.
Judicial Dept.

C.A. 1417/55

C 4 5491

2230

Key No. 3 32

The accompanying are
two designs of a Cast
Pipe Casting Plow & Hill-
ing and the Mac-
hinery used -

The designs appear
to possess for the pur-
poses intended, such
merit as would be likely
to secure the grant
of Letters Patent for
the same, but I think it
would be well to limit
the claims in the
Specification of the second
design the Combination
of the Coulter with the
Mouldboard & Land side
and the Combination
of the Coulter with the
Mouldboard & Coulter
Frame as shown
& described -

The accompanying are
two Drawings of Mr
Peter Lumley's Corn
Husking Machine
which do not appear
to be objectionable
in any respect -

Mr Lumley's Machine
appears to be a useful
one & I think it
would be well to grant
him Letters Patent
for the same -

P. W.

P.W.D.

2330/20

From the Govt. Architect Ltr 4147 8.6.38
" Director of Posts " 2700 28.6.38
Sent in the Judl. dept — — 27.7.38.

Order.

The revised type designs, with descriptive specification & estimates of remarks, for Sub registrars' Offices will be circulated to Offices of the P.W. Dept. in supersession of previous type designs for similar buildings.

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

Govt
13.7.38

Jr. 16/7/38

Cr

Supdt. Govt
C.A. Govt
Judicial Dept.

Sub Registry Bldgs.

In brick building Courts in any locality work should always be omitted in framing Estimates of works. Courts it would be very much better to provide one Godown

Govt
12/8/38

Terrace will not be of any use for storage of records. The details of the terrace may be omitted in the specifications. The peshkar can store the records in the drawing office?

Govt
12.8.38

14-10-10 ✓
6-4-18 ✓

34

21 Jan 4 [illegible] 2230 ✓

Tyke Cancer no

≡

Circulating the cervical
— with description of specu-
-lum and Volsellum
Diagram, for sub-
-position of Office of in
Sickness and Accident Insurance
Act Enquiry.

N10/17 ✓