

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Relations DEPARTMENT

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Dated	7-5-68	195

Not to be folded or roughly handled

No. 146. Read the following letter from R. F. CHISHOLM, Esq., Consulting Architect to Government, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 1st April 1875, No. 2:—

I HAVE the honor to forward, for your consideration and approval, a revised standard design for a District Munsif's Court.

2. The original design which I submitted was for a most ill-proportioned and extravagant building drawn out by the Registrar of Deeds. I applied to three Judges with the view of obtaining modifications (explained to Government at the time), but contrary to my expectations, the design was passed by all three. In July last the plan was modified to a certain extent in the Chief Engineer's Office, and I have taken the opportunity, while making out details, to modify the plan still further. I would recommend this later plan for adoption as being better proportioned and less in point of cost than either of the other designs.

Specification of Works to be performed in constructing a District Munsif's Court according to the revised drawing, dated 31st March 1875.

Excavation.—After the centre lines of the walls have been pegged out and the breadths of the foundations lockspitted, excavate the trenches to the full depths shown on the drawing, or to such other depths as the officer in charge of the work may direct.

Concrete.—On receipt of a written order from the officer in charge of the work, to the effect that the foundations have been sufficiently sunk, proceed to lay 12 inches of concrete.

The concrete will be laid in two layers 6 inches thick, well rammed with heavy beaters, and the second layer will not be added to the first, until the latter is thoroughly consolidated.

Brickwork.—On the completion of the concrete the centre lines will be carefully laid out and the footing courses commenced.

The footing courses will be in steps 6 inches high with 3 or 4 inch offsets on either side according to the drawing.

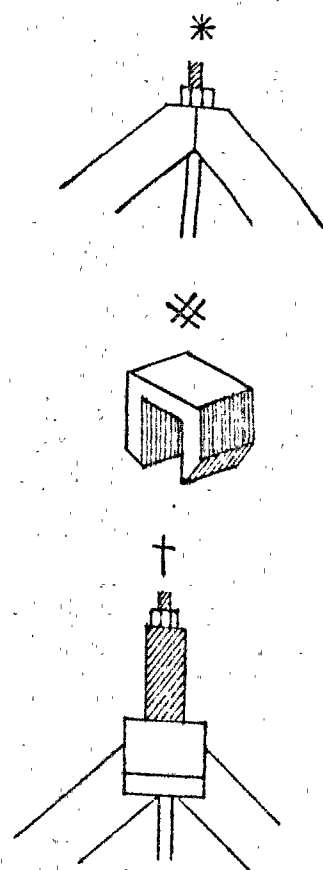
Walling.—The walling will consist of brickwork in chunam two bricks thick (about 18 inches).

Splays.—All openings will have splayed edges, measuring 3 inches on the face of the splay.

Arching.—The heads of all openings will have flat arches 18 inches thick. The bricks will radiate to a centre midway between the top and bottom of each opening.

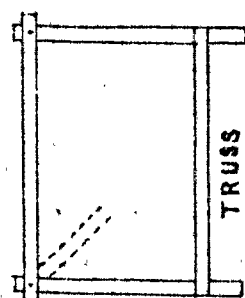
Stonework.—In localities where stone is cheap, a stone curbing should run all round the edge of the verandah and the top of the plinth, and stone slabs should be placed under the wooden posts and trusses.

Teakwood.—The teakwood trusses, rafters, verandah supports, &c., will be executed in strict accordance with the details shown on the drawing. In framing the trusses, the heels of the rafters will be let into the tie-beams and strapped down tight, and the heads allowed to butt simply.* Over the heads a chock† hollowed out, so as to cover the joints, will be fixed on and fastened by the first nut. (The struts having been cut to admit of the camber.) Lap a rope round and twist up the tie-beam to the required camber, and screw home the first nut on the king rod. The lower ends of the struts will butt simply against the tie-beam and be held in their places by round pieces of wood. The upper ends will be halved into the rafters. When the trusses are hoisted, put on the ridge over the king rod head and screw the second nut down tight.‡ Halve the purlins and principal rafters each to the extent of one inch. Support the purlin over the wall between the trusses.



Rafters.—Notch the rafters into the purlins, but on no account cut the purlins themselves, as the full section is required for the roof. Bring each rafter up against the ridge and spike it as shown on the drawing.

Wall plates.—When a truss ends a roof at a distance from the wall about equal to half the span as in the Court room and Goomas-tah's room a wall plate should run along the wall to the angle immediately under the truss.



The lower ends of the principal hip rafters will butt against the angle formed by these plates, and the upper ends will be fastened under the ridge.

Roofing.—The roofing will be tiled of ordinary construction.

Flooring.—The flooring will be composed of flat tiles rubbed to an even surface and truly laid.

Zinc or lead sheeting.—Where the roof forms valleys, zinc or lead sheeting should be laid 24 inches wide.

Plastering.—The interior will be fine plastered.

Pointing.—The exterior will be neatly flush pointed.

Estimate for constructing a District Munsif's Court as per revised Plan, dated 31st March 1875.

DETAILED QUANTITIES.

Description.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for Foundations.</i>						
		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Central compartment	1	171 0	5 0	4 0	3,420	
Do. do. partition	1	17 6	5 0	4 0	350	
Wings	2	68 6	5 0	4 0	2,740	
Do. partitions	2	14 6	5 0	4 0	580	
Verandah walls	1	212 2	4 0	4 0	3,395	
Steps	1	13 0	1 6	1 0	20	
Do.	2	5 8	1 6	1 0	17	
Dais	1	13 10	1 4	1 0	25	
Do.	1	13 10	1 4	1 0	18	
					10,565	C. feet.
Concrete, 12 inches thick = Excavation $\div 4$					2,641 $\frac{1}{4}$	C. feet.
<i>Brickwork in Foundations.</i>						
Central compartment—						
Footings	1	171 0	2 10	1 6	727	
Partition	1	19 8	2 10	1 6	84	
Wings	2	70 8	2 10	1 6	601	
Do. partitions	2	16 8	2 10	1 6	142	
Verandah walls	1	218 8	1 10	1 6	601	
Central compartment—						
Above footings	1	171 0	1 6	1 6	385	
Do. partitions	1	21 0	1 6	1 6	47	
Wings	2	72 0	1 6	1 6	324	
Do. partitions	2	18 0	1 6	1 6	81	
Verandah walls	1	222 8	0 10	1 6	278	
Plinth	1	75 0	0 4	1 6	38	
Steps	1	13 0	3 0	0 9	29	
Do.	2	7 3	3 0	0 9	33	
Dais	1	22 4	0 10	0 9	14	
Do.	1	17 4	0 10	0 9	11	
					3,395	C. feet.
<i>Brickwork in Basement.</i>						
Central compartment	1	171 0	1 6	2 0	513	
Do. do. partitions	1	21 0	1 6	2 0	63	
Wings	2	72 0	1 6	2 0	432	
Do. partitions	2	18 0	1 6	2 0	108	
Verandah walls	1	222 8	0 10	1 6	278	
Plinth	1	75 0	0 4	2 0	50	
Steps	1	11 0	1 6	1 6	25	
Do.	2	6 3	1 6	1 6	28	
Dais	1	22 4	0 10	2 0	37	
Do.	1	17 4	0 10	2 0	29	
					1,563	
Deduct cut-stone work in plinth and steps.					142	
					1,421	C. feet.

Proceedings of the Madras Government, Public Works Department,
7th May 1875.

DETAILED QUANTITIES.—(Continued.)

Description.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Brickwork in Superstructure.</i>						
Central compartment	1	FT. IN. 171 0	FT. IN. 1 6	FT. IN. 17 0	C. FT. 4,361	
Do. do. partition	1	21 0	1 6	17 0	526	
Do. do. gable	1	21 0	1 6	4 0	126	
Wings	2	72 0	1 6	15 0	3,240	
Partitions	2	18 0	1 6	15 0	810	
Do. gables	4	18 0	1 6	3 0	324	
Dais	1	22 4	0 10	1 6	28	
Do.	1	17 4	0 10	1 6	22	
<i>Deductions.</i>						
* Doors	5	5 0	1 6	4 0	150	
Do.	15	4 0	1 6	4 0	360	
Windows	2	4 0	1 6	2 6	20	
Do.	4	2 6	1 6	2 6	38	
Upper lights	10	5 9	1 6	4 6	388	
Do.	6	5 9	1 6	2 0	104	
Do.	8	2 0	1 6	2 0	48	
						1,118
<i>Cut-stone work (if procurable at reasonable rates).</i>					C. feet.	8,329
Capping to plinth	1	222 8	0 10	0 6	93	
Steps	1	19 6	1 0	0 6	10	
Do.	1	63 0	1 3	0 6	39	
					142	C. feet.
<i>Earth filling in Basement.</i>						
Central compartment	1	60 0	21 0	2 0	2,520	
Wings	2	24 0	18 0	2 0	1,728	
Verandah	1	190 8	7 2	1 6	2,050	
Dais	1	10 4	5 2	1 6	80	
Do.	1	7 4	4 2	1 6	46	
					6,424	C. feet.
<i>Teakwood.</i>						
Central compartment wall plates	2	52 0	0 5	0 4	14	
5 Trusses, 21 feet span.	5	24 0	0 6	0 8	40	
Principal rafters	10	13 3	0 5	0 6	28	
Struts	10	6 3	0 4	0 4	7	
Purlins	2	54 0	0 6	0 6	27	
Do.	2	12 0	0 6	0 6	6	
Do. wall	2	64 6	0 4	0 4	14	
Do. do.	2	24 0	0 4	0 4	5	
Ridge pole	1	42 0	0 3	0 8	7	
Principal hip rafters	4	18 0	0 6	0 6	18	
Common rafters	90	15 9	0 3	0 4	118	
Do. hip rafters	4	20 6	0 4	0 5	11	
Eaves board	1	170 0	0 1	0 8	9	
<i>Wings.</i>						
Wall plates	2	45 0	0 5	0 4	13	
2 Trusses, 18 feet span.	2	21 0	0 4	0 6	7	
Principal rafters	4	11 9	0 4	0 5	7	
Struts	4	5 3	0 3	0 4	2	

* Half the quantity of void only is deducted, the other half covering the cost of centering and archwork.

Proceedings of the Madras Government, Public Works Department,
7th May 1875.

DETAILED QUANTITIES.—(Continued.)

Description.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Wings.—(Concluded.)</i>						
Purlins	4	FT. IN. 23 6	FT. IN. 0 6	FT. IN. 0 6	C. FT. 24	
Do.	2	10 0	0 6	0 6	5	
Do. wall	4	28 6	0 4	0 4	13	
Do.	2	21 0	0 4	0 4	5	
Ridge poles	2	25 0	0 3	0 8	8	
Principal hip rafters	4	17 0	0 5	0 5	12	
Common rafters	88	14 0	0 3	0 4	103	
Do. hip rafters	4	19 0	0 4	0 5	11	
Do. do.	4	10 0	0 4	0 5	6	
Eaves board	2	81 0	0 1	0 8	9	
<i>Verandah.</i>						
Posts	30	0 5	0 5	7 0	36	
Heads over posts	30	1 4	0 5	0 5	8	
Breastsummers	1	240 0	0 5	0 7	58	
Uprights	138	1 6	0 3	0 3	13	
Brackets (double)	276	2 4	0 2	0 3	27	
Rafters 18" apart	126	11 0	0 3	0 4	116	
Hip rafters	12	17 0	0 4	0 4	23	
Eaves board	1	250 0	0 1	0 8	14	
Wall plates	1	210 0	0 3	0 3	13	
<i>Entrance.</i>						
Hip rafters	2	16 0	0 4	0 4	4	
Ridge	1	11 0	0 3	0 6	1	
Rafters	6	10 6	0 3	0 4	5	
Do. over ribs	2	10 6	0 5	0 4	3	
Barge board	2	10 3	0 1	0 5	2	
Ribs	2	4 3	1 3	0 8	4	
Do.	2	4 0	0 5	0 5	1	
Cusps	2	2 6	2 6	0 1	1	
					858	C. feet.
<i>Wrought Ironwork in Trusses.</i>						
1" king rods for 21 feet trusses	5	8 6	= 42.6	× 4.09	= 173.82	
1" hex-nuts and bolt heads for trusses	5			× 3.21	= 16.05	
3" × 3" × 1" washers for do.	15			× 0.32	= 4.80	
2" × 1" flat iron straps for do.	10	3 3	= 32.6	× 3.34	= 108.55	
2" × 1" bearing plates for do.	10	0 9	= 7.6	× 3.76	= 28.20	
2" × 2" × 1" washers for do.	20			× 0.14	= 2.80	
1" hex-nuts for do.	20			× 0.06	= 1.20	
1" king rods for 18 feet trusses	2	7 6	15.0	× 2.62	= 39.30	
1" hex-nut and bolt head for trusses	2			× 1.65	= 3.30	
3" × 3" × 1" washers for do.	6			× 0.32	= 1.92	
1" × 2" flat iron straps for do.	4	2 8	= 10.8	× 1.87	= 19.94	
1" × 1" bearing plates for do.	4	0 7	= 2.4	× 2.92	= 6.81	
1" × 1" × 1" washers for do.	8			× 0.10	= 0.80	
1" hex-nuts for do.	8			× 0.06	= 0.48	
					407.97	lbs.
<i>Doors and Windows, Venetian and Panel.</i>						
Doors	5	5 0		8 0	200	
Do.	15	4 0		8 0	480	
Windows	2	4 0		5 0	40	
Do.	4	2 6		5 0	50	
					770	Supl. feet.

Proceedings of the Madras Government, Public Works Department,
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DETAILED QUANTITIES.—(Continued.)

Description.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Clear Storey Lights, glazed.</i>						
Central compartment	10	FT. IN.	FT. IN.	FT. IN.	270	
Wings	6	6 0	....	4 6	90	
Do.	8	6 0	....	2 6	43	
		2 2	....	2 6	403	Supl. feet.
Doors with iron bars for Record-room..	4	4 0	....	8 0	128	do.
<i>Painting Doors and Windows and Exposed Woodwork.</i>						
Doors, panel portion	2	5	5 0	....	2 8	133
Do. do. do.	15	4 0	....	2 8	320	
Do. venetians	3	5	5 0	....	5 4	400
Do. do.	15	4 0	....	5 4	960	
Iron barred doors	2	4	4 0	....	8 0	256
Windows	3	2	4 0	....	5 0	120
Do.	3	4	2 6	....	5 0	150
Clear storey lights	2	10	6 0	....	4 6	540
Do.	2	6	6 0	....	2 6	180
Do.	2	8	2 2	....	2 6	87
Verandah posts	30	1	8	....	7 0	350
Do. do. heads	30	2	8	....	5 1 1/2	410
Do. breastsummers	1	240	0	....	2 0	480
Do. uprights	138	1	0	....	1 6	207
Do. brackets	276	2	4	....	0 10	537
Do. eaves board	1	250	0	....	0 9	188
Entrance ribs	2	4	3	....	2 0	17
Do. do.	2	4	0	....	1 6	12
Do. cusps	2	2	6	....	2 6	13
Do. finial	1	4	0	....	1 4	5
Do. do.	2	2	0	....	1 4	5
Barge board	2	10	3	....	0 9	15
Central compartment eaves board ..	1	170	0	....	0 9	128
Wings.. .. .	2	81	0	....	0 9	122
					5,635	Supl. feet.
<i>Pointing Exterior Walls.</i>						
Central compartment	1	132	0	....	18 0	2,376
Wings	2	75	0	....	16 0	2,400
Verandah basement	1	226	0	....	1 6	339
Basement	1	75	0	....	2 0	150
					5,265	Supl. ft.
<i>Plastering Interior.</i>						
Central compartment	1	204	0	....	18 0	3,672
Do. do. gable	1	21	0	....	8 0	168
Wings	2	120	0	....	16 0	3,840
Do. gables	3	18	0	....	7 0	378
					8,058	Supl. ft.
					Squares.	80-58

NOTE.—No deductions are made for apertures and no allowance for sides and soffits of doors and windows.

Proceedings of the Madras Government, Public Works Department,
7th May 1875.

DETAILED QUANTITIES.—(Concluded.)

Description.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Tiled roofing with Flat and Pan Tiles, including Reapers, Nails, &c.</i>						
		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Central compartment	1	66 0	....	32 6	2,145	
Wings	2	28 6	....	29 0	1,653	
Do.	2	6 6	....	6 0	78	
Verandah	1	203 0	....	10 4	2,098	
					5,974	Supl. ft.
					Squares.	59-74
<i>Flooring with Square Pavement Tiles.</i>						
Central compartment	1	60 0	....	21 0	1,260	
Wings	2	24 0	....	18 0	864	
Verandah	1	194 0	....	8 0	1,552	
Door pieces	5	5 0	....	1 6	38	
Do.	15	4 0	....	1 6	90	
					3,804	Supl. ft.
					Squares.	38-04
<i>Laying Zinc Seets to the Valleys 24" wide.</i>						
Central compartment	4	11 0	....	....	44	
Verandah	6	16 0	....	....	96	
					140	Lineal ft.
<i>Circular ornaments for trusses.</i>						
Do. do. over verandah posts.	30	Do.				
Stones under trusses	14	Do.				
Finial for entrance	1	Do.				
Small finials for do.	2	Do.				

Proceedings of the Madras Government, Public Works Department,
7th May 1875.

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
10,565 Cub. ft.	Excavations for foundations.. ..			
2,641 1/2 "	Concrete			
3,395 "	Brickwork in foundations			
1,421 "	Do. in basement			
8,329 "	Do. in superstructure			
142 "	Cut-stone work			
6,424 "	Earth filling in basement			
858 "	Teakwood			
407-97 lbs.	Wrought ironwork in trusses			
770 Supl. ft.	Doors and windows, venetian and panel.			
403 "	Clear storey lights			
128 "	Doors with iron bars for record-room.			
56-35 Sqrs.	Painting doors, &c.			
52-65 "	Pointing exterior walls			
80-58 "	Plastering interior walls			
59-74 "	Tiled roofing			
38-04 "	Flooring with square pavement tiles.			
140 Lin. ft.	Laying zinc sheets to the valleys			
14 Nos.	Circular ornaments for trusses			
30 "	Do. do. for verandah posts.			
14 "	Stones under trusses, ...			
1 "	Teakwood finial for entrance			
2 "	Do. do. small do.			
	Total..			
	Contingencies at per cent.			
	Total..			

31st March 1875,

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

No. 147. ORDER THEREON, 7th May 1875, No. 1,293.

CIVIL WORKS, No. 11.

THE plan will be lithographed for distribution to District Engineers, to whom the details will be useful, and the detail of quantities will also be printed for the same purpose,

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To all Superintending and District Engineers.
To the Special Executive Engineer, Wynaad,
„ Judicial Department.

Exd. A. Grubert.

Spare Copies

D. P. W. 1875-

District Munsiff's Court.

Standard Estimate and Quantities.

Chisholm - F.M.B.A.
31. March 1875

Specification of works to be performed in constructing a District Moonsiff Court according to the revised drawing dated 31 March 1875.

Excavation.— After the centre lines of the walls have been pegged out and the breadths of the foundations lockspitted, excavate the trenches to the full depths shown on the drawing, or to such other depths as the officer in charge of the work may direct.

Concrete.— On receipt of a written order from the officer in charge of the work, to the effect that the foundations have been sufficiently sunk, proceed to lay 12 inches of concrete.

The concrete will be laid in two layers 6 inches thick, well rammed with heavy beaters, and the second layer will not be added to the first, until the latter is thoroughly consolidated.

Brickwork.— On the completion of the concrete, the centre lines will be carefully laid out and the footing courses commenced.

The footing courses will be in steps 6 inches high with 3 or 4 inch offsets on either side according to the drawing.

Walling.— The walling will consist of brickwork in Chinnam two bricks thick (about 18 inches).

Splay.— All openings will have splayed edges, measuring 3 inches on the face of the splay.

Arching

(2)
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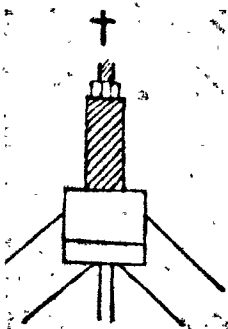
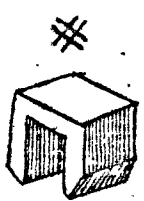
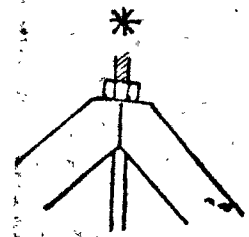
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Stonework.

In localities where stone is cheap, a stone curbing should run all round the edge of the verandah and the top of the plinth, and stone slabs should be placed under the wooden posts and trusses.

Teakwood.

The teakwood trusses, rafters, verandah supports &c. will be executed in strict accordance with the details shown on the drawing. In framing the trusses, the heels of the rafters will be let into the tie-beams and strapped down tight, and the heads allowed to butt simply. Over the heads a chock hollowed out so as to cover the joints will be fixed on and fastened by the first ruit. (The struts having been cut to admit of the camber.) Lap a rope round and twist up the tie-beam to the required camber, and screw home the first ruit on the king rod. The lower ends of the struts will butt simply against the tie beam and be held in their places by round pieces of wood. The upper ends will be halved into the rafters. When the trusses are hoisted put on the ridge over the king rod head and screw the second ruit down tight. + Halve the purlins and principal rafters each to the extent of one inch. Support the purlin over the wall between the trusses.



Rafters.

Notch the rafters into the purlins, but on

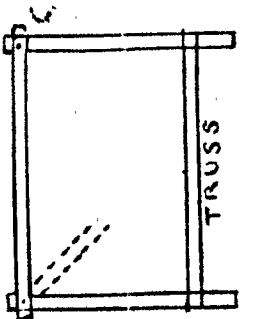
no

(3)

no account but the purlins themselves, as the full section is required for the roof. Bring each rafter up against the ridge and spike it as shown in the drawing.

Wall plates.

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Roofing.

The roofing will be tiled of ordinary construction.

Flooring.

The flooring will be composed of flat tiles rubbed to an even surface and truly laid.

Zinc or lead sheeting.

Where the roof forms valleys, Zinc or lead sheeting should be laid 24 inches wide.

Plastering.

The interior will be fine plastered.

Pointing.

(4)
 Painting. — The exterior will be
 neatly flush pointed.

(5) 10 5
 Estimate for constructing a District Munsiff
 Court as per Revised plan dated 31st March 1875.
 Detailed quantities

Description	No.	L.	B.	D.	Contents.	Total.
Excavation for foundations.						
Central compartment.	1	171.0	5.0	4.0	3420	
" " partitions	1	57.6	5.0	4.0	350	
Wings	2	68.6	5.0	4.0	2740	
" partitions	2	14.6	5.0	4.0	580	
Verandah walls	1	212.2	4.0	4.0	3395	
Steps	1	13.0	1.6	1.0	20	
"	2	5.8	1.6	1.0	17	
Dais	1	18.1	0.4	1.0	25	
"	1	13.1	0.4	1.0	18	
					<u>10,565</u>	Cub. feet.
Concrete 12" thick						
= Excavations + "						
					<u>2041</u>	Cub. feet

Brickwork in foundations

Central compartment.						
footings.	1	171.0	2.10	1.6	727	
partitions	1	19.8	2.10	1.6	84	
Wings	2	70.8	2.10	1.6	601	
" partitions	2	16.8	2.10	1.6	142	
Verandah walls	1	218.8	1.10	1.6	601	
Central compartment						
above footings	1	171.0	1.6	1.6	385	
partitions	1	21.0	1.6	1.6	47	
Wings	2	72.0	1.6	1.6	324	
" partitions	2	18.0	1.6	1.6	81	
Verandah walls	1	222.8	0.10	1.6	278	
plinth	1	75.0	0.4	1.6	38	
Carried over Cub. ft.						3308

(6)
Brought forward Cub ft. 3308

Steps	1 13.0 3.0 0.9	29
"	2 7.3 3.0 0.9	33
Dais	1 22.4 0.10 0.9	14
"	1 17.4 0.10 0.9	11
		<u>3395</u>

3395

Brickwork in basement.

Central compartment

Wings partitions

Vandah walls

Plinth

Steps

Dais

1	171.0 1-6 2.0	513
1	21.0 1-6 2.0	63
2	72.0 1-6 2.0	432
2	18.0 1-6 2.0	108
1	222.8 0.10 1-6	278
1	75.0 0.4 2.0	50
1	11.0 1-6 1-6	25
2	6.3 1-6 1-6	28
1	22.4 0.10 2.0	37
1	17.4 0.10 2.0	29
		<u>1563</u>

1563

Deduct cut stonework
in plinth + steps

142

1421

Brickwork in Superstructure

Central compartment

Wings partitions

Dais

1	171.0 1-6 17.0	4361
1	21.0 1-6 17.0	536
1	21.0 1-6 4.0	126
2	72.0 1-6 15.0	3240
2	18.0 1-6 15.0	810
4	18.0 1-6 3.0	324
1	22.4 0.10 1-6	28
1	17.4 0.10 1-6	22
		<u>9447</u>

Carried over Cub ft. 9447

(7)
Brought forward Cub ft. 9447 9447

Deductions

* Doors	55.0 1-6 4.0	150
"	15.4 0 1-6 4.0	360
Windows	2.4 0 1-6 2.6	30
"	4.2 6 1-6 2.6	38
Upper lights	10 5.9 1-6 4.6	388
"	6 5.9 1-6 2.0	106
"	8 2.0 1-6 2.0	48
		<u>1118</u>

Cub. feet. 8329

* Note - Half the quantity of void only is deducted, the other half covering the cost of centering & archwork.

Cut stonework - (if procurable at reasonable rates)

Capping to plinth	1 222.8 0.10 0.6	93
Steps	1 19.6 1.0 0.6	10
"	1 63.0 1-3 0.6	39
		<u>142</u>

142 Cub ft

Earth filling in basement

Central compartment	1 60.0 21.0 2.0	2520
Wing	2 24.0 18.0 2.0	1728
Vandah	1 190.8 7.2 1-6	2050
Dais	1 10.4 5.2 1-6	80
"	1 7.4 4.2 1-6	46
		<u>6424</u>

6424 Cub ft

Peakwood

Central compartment
wall plate

2	52.0 0.5 0.4	14
---	--------------	----

Carried over Cub ft. 14

Brought forward Cub. ft. 14

5 Trusses 21 ft. span	Tie beam	5	24.0	0.6	0.8	40
	principal rafters	10	13.3	0.5	0.6	28
	Studs	10	6.3	0.4	0.4	7
	purlins	2	54.0	0.6	0.6	27
	2x4 wall	2	12.0	0.6	0.6	6
	2x4 wall	2	64.6	0.4	0.4	14
	2x4 wall	2	24.0	0.4	0.4	5
	Ridge pole	1	42.0	0.3	0.8	7
	principal hip rafters	4	18.0	0.6	0.6	18
	Common rafters	90	15.9	0.3	0.4	118
	hip rafters	4	20.6	0.4	0.5	11
	Eaves board	1	170.0	0.1	0.8	9

2 Trusses 18 ft. span	Wall plates	2	45.0	0.5	0.4	13
	Tie beams	2	21.0	0.4	0.6	7
	principal rafters	4	11.9	0.4	0.5	7
	Studs	4	5.3	0.3	0.4	2
	purlins	4	23.6	0.6	0.6	24
	2x4 wall	2	10.0	0.6	0.6	5
	2x4 wall	4	28.6	0.4	0.4	13
	Ridge poles	2	21.0	0.4	0.4	5
	principal hip rafters	2	25.0	0.3	0.8	8
	Common rafters	4	17.0	0.5	0.5	12
	hip rafters	8	14.0	0.3	0.4	103
	Eaves board	4	19.0	0.4	0.5	11
	Eaves board	4	10.0	0.4	0.5	6
	Eaves board	2	81.0	0.1	0.8	9

Posts	30	0.5	0.5	7.0	36
Roofs over posts	30	1.4	0.5	0.5	58
Uprights	1	240.0	0.5	0.7	13
Brackets (double)	138	1.6	0.3	0.3	27
Rafters 18" apart	276	2.4	0.2	0.3	116
Hip rafters	126	11.0	0.3	0.4	23
Eaves board	12	17.0	0.4	0.4	14
Carried over	1	250.0	0.1	0.8	824

Brought forward Cub. ft. 824

Wall plates	1	20.0	0.3	0.3	13
Entrance					
Hip rafters	2	16.0	0.4	0.4	4
Ridge	1	11.0	0.3	0.6	1
Rafters	6	10.6	0.3	0.4	5
over ribs	2	10.6	0.5	0.4	3
Barge board	2	10.3	0.7	0.8	2
Ribs	2	4.3	1.3	0.5	4
Cusps	2	4.0	0.5	0.5	1
	2	6.2	0.6	0.12	1.5

Cub. ft. 858

Worked Snowwork in Trusses

1 1/4" King rods for 21 ft trusses	5	8.6	42.6	4.09	173.82
1 1/4" Hex nuts & bolt heads for	5			3.21	16.05
3" x 3" x 1/8" washers for	15			0.32	4.80
2" x 1/2" flat iron straps for	10	3.32	6	3.34	108.55
2 1/4 x 1/2" bearing plates for	10	0.9	7.6	3.76	28.20
2" x 2" x 1/8" washers for	20			0.14	2.80
1/2" Hex nuts for	20			0.06	1.20
1" King rods for 18 ft trusses	2	7.6	15.0	2.62	39.30
1" Hex. nut & bolt head for	2			1.65	3.30
3" x 3" x 1/8" washers for	6			0.32	1.92
1 1/2 x 3/4" flat iron straps	4	2.8	10.8	1.87	19.94
3/4 x 1/2" bearing plates for	4	0.7	2.4	2.92	6.81
1 1/2 x 1 1/2 x 1/8" washers for	8			0.10	0.80
1/2" hex nuts for	8			0.06	0.48

407.97 lb

Doors & windows Venetian panel	5	5.0	8.0	2.00
Doors	15	4.0	8.0	4.80
Windows	2	4.0	5.0	4.0
	4	2.6	5.0	5.0

770 Sup ft

(10)
Clear story lights glazed.

Central compartment	10	6.0	—	4.6	270
Wings	6	6.0	—	2.6	90
"	8	2.2	—	2.6	43
					<u>403 Supl. ft</u>

Doors with iron bars for
Record room.

4	4.0	—	8.0	128 Supl. ft
---	-----	---	-----	--------------

Painting doors & windows
and exposed woodwork.

Doors panel partition	2/5	5.0	—	2.8	133
" " "	2/15	4.0	—	2.8	320
" Venetian	3/5	5.0	—	5.4	400
" " "	3/15	4.0	—	5.4	960
Iron barred doors	2/4	4.0	—	8.0	256
Windows	3/2	4.0	—	5.0	120
" " "	3/4	2.6	—	5.0	150
Clear story lights	2/10	6.0	—	4.6	560
" " "	2/6	6.0	—	2.6	180
" " "	2/8	2.2	—	2.6	87
Venndah posts	30	1.8	—	7.0	350
" heads	30	2.8	—	5.1 1/2	410
" breastsummers	1	24.0	—	2.0	480
" uprights	138	1.0	—	1.6	207
" brackets	276	2.4	—	0.10	537
" Saver board	1	250.0	—	0.9	188
Entrance ribs	2	4.3	—	2.0	17
" " "	2	4.0	—	1.6	12
" " "	2	2.6	—	2.6	13
Cups	1	4.0	—	1.4	5
finial	2	2.0	—	1.4	15
" " "	2	10.3	—	0.9	128
Barge board	1	170.0	—	0.9	122
Wings	2	81.0	—	0.9	122

5635 Supl. ft
Squares 56.35

(11)
Painting exterior walls.

Central compartment	1	132.0	—	18.0	2376
Wings	2	75.0	—	16.0	2400
Venndah basement	1	226.0	—	1.6	339
Basement	1	75.0	—	2.0	150

5265 Supl. ft
Squares 52.65

Plastering interior.

Central compartment	1	204.0	—	18.0	3672
" fable	1	21.0	—	8.0	168
Wings	2	120.0	—	16.0	3840
" fables	3	18.0	—	7.0	378

8058 Supl. ft

Squares 80.58

Note. No deductions are made for apertures and
no allowance for sides and soffits of dom trussers.

Tiled roofing with flat & pantiles including
reapers nails &c.

Central compartment	1	66.0	—	32.6	2145
Wings	2	28.6	—	29.0	1653
"	2	6.6	—	6.0	78
Venndah	1	203.0	—	10.4	2098

5974 Supl. ft

Squares 59.74

Flooring

(12)

Flooring with square pavement tiles.

Central compartment	160.0	—	21.0	1260
Wings	224.0	—	18.0	864
Verandah	194.0	—	8.0	1552
Door pieces	55.0	—	1.6	38
"	154.0	—	1.6	90

3804 Sup.ftSquares - 38.04

Laying zinc sheets to the valleys 24" wide -

Central compartment	411.0	—	—	44
Verandah	616.0	—	—	96

140 Lin.ftCircular ornaments for trusses 14 in numberCircular ornaments over verandah posts - 30 in numberStones under trusses 14 in numberFinial for entrance 1 in numberSmall finials for do. 2 in number

(13)

Abstract.

Quantity	Item	Rate	Per	Amount
10,565 Cub.ft	Excavation for foundations			
2,641 $\frac{1}{4}$ "	Concrete			
3,395 "	Brickwork in foundations			
1421 "	--- do --- in basement			
8,329 "	--- do --- in Superstructure			
142 "	Cut stonework.			
6,424 "	Earth filling in basement			
858 "	Teakwood -			
407.97 lbs	Wrought Ironwork in trusses			
770 Sup.ft	Doors & windows, venetian & panel.			
403 "	Clear storey lights			
128 "	Doors with iron bars for record room.			
56.35 Sprs.	Painting doors &c			
52.65 "	Painting exterior walls.			
80.58 "	Plastering interior walls.			
59.74 "	Tiled roofing			
38.04 "	Flooring with square pavement tiles.			
140 Lin.ft	Laying zinc sheets to the valleys.			
14 Nos.	Circular ornaments for trusses			
30 "	--- do --- do. for verandah posts			
14 "	Stones under trusses.			
1 "	Teakwood finial for entrance			
2 "	--- do --- do. small do. ---			

Contingencies @ per cent. Rupees.Total Rupees. Office of Consulting Architect
to Government 31st March 1875

H. Christopher 31 March 1875

No. 2

ARCHITECT'S OFFICE,
Calcutta, 1st April 1875.

From

THE CONSULTING ARCHITECT TO GOVERNMENT.

To

THE

Secretary to Government Public Works Department.

SIR,

I have the honor to forward for your consideration and approval a revised standard design for a District Munsiff's Court when

The Original design which I submitted was for a most ill proportioned and extravagant building drawn out by the Registrar of deeds I applied to 3 Judges with the view of obtaining modifications (explained to Government at the time) but contrary to my expectations the design was passed by all three. In July last the plan was modified to a certain extent in the Chief Engineers Office and I have taken the opportunity while making out details to modify the plan still further. I would recommend this later plan for adoption as being better proportioned and less in point of cost than either of the other designs.

I have the honor to be
Sir

Your most Obedt servant

H. J. Wislizenus.

Consulting Architect to Government.

P.N. 2157/35

GC 7 May/75

in B-146.

To be forwarded to the Secretary to Government Public Works Department in a letter.

Ch. Sup. Bureau: 36 of 11 - June 1874

orig. Ch. 702347669/74

orig. Ch. 5798 1263612-28973 inc

to H. H. H. Bureau: 11/14/1874

to Bureau: 236926-76m/15

to Bureau: 17348319-320

to Bureau: 15496174 - 327-329

to Bureau: 12190917-76m/15

Ch. R. 18745 10/11/74

to Bureau No. 2157.

The County Clerk to Government.

to Secretary to Government: 10/11/74

Dates: 1st of April 1875

Received: 3-2

Rec'd 1

Stawards Revised Plans for a District Municipality Court.

Ch. R. 1293. 7/5/75

No 146

C-14-475 1877-1878

E

Forwarded
J. T. Under
P. G. H.

5. 4. 97

2. The Record after
P. W. Secretariat

for the Subst. Equal
was

Kindly have the C.O.

P. 1294 of 7. May 1875
file the: Mr. Norton sent this during
notes against Plo. W.
2590 of 1897.

J. R. James

Superintendent
Record Section

John A. }
Plo. D. }
5-4-97.

Ch. 11

Read the following..

From the Cong. Architect - (H. E. no. 281 April 75).

Mr. Ades

~~187~~
~~25~~

To all Supp. D. Engrs }
 " Supp. L. Engrs. Wynand } State plan as per
 " Ind. Dept. 575 } list annexed
 " Genl. of the Ind. Engrs. }
 Dec 15-5-75

List of copies of 2 Standard plans of District Munsiff's Court referred to in G.O. No. 1293 of 7th May, 1875 furnished to Officers concerned.

District Engineer of Ganjam		4 copies of each
do	Vizagapatam	do
do	Godavery	9
do	Histna	10
do	Kellore	6
do	Cuddapah	5
do	Kurnool	5
do	Bellary	6
do	Presidency	5
do	Chingleput	6
do	North Arcot	6
do	South do	6
do	Salem	5
do	Bangalore	2
do	Tanjore	7
do	Trichinopoly	5
do	Coimbatore	7
do	Malabar	8
do	South Canara	4
do	Kilcherries	3
do	Madura	6
do	Tinnevely	5
Special Executive Engineer, Wynad		2
Judicial Department		35
Total		162
In Store		27
Grand Total		189

sent 10th May 1875

2157

Govt. of 1875: 311
PUBLIC WORK

To

All Infgrt.
Engineers.

Date

Recd.

Encl.

G. O.

7 May No. 1293

No. 146-147

District Munsiff's Court - Rev
plan of _____ to be lithograph
and the details of quantities to be
printed, for distribution to District
Engineers.