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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	2982	Press.
B.P. No.		Mis.
Dated	28.5.1877	197 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th March 1877. No. 786.*

No. 168. Read the following letter from R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Chepauk, 6th January 1877, No. 753 :—

In compliance with G.O., No. 175, dated 30th October 1876, I have the honor to submit the revised standard design for third-class Taluq Cutcheries with specification and schedule of quantities.

SPECIFICATION of Works to be performed in constructing a third-class Taluq Cutcherry according to the revised drawing, dated 6th January 1877.

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 works may direct.

Concrete.—On receipt of a written order from the officer in charge of the works to the effect that the foundation trenches have been sufficiently sunk, proceed to lay twelve inches of concrete, or such depth as may be considered necessary by the officer in charge.

The concrete will be put down in successive layers, six inches thick, well rammed with heavy beaters.

Brickwork in Chunam.—On the completion of the concrete, the centre lines will be carefully laid out, and the footing courses commenced. The foundation brickwork will be carried up in steps six inches high with a three or four inch offset on either side according to the drawing.

Walling.—The outer walls will be two bricks thick (eighteen inches) and the partitions one and a half bricks thick (thirteen and a half inches).

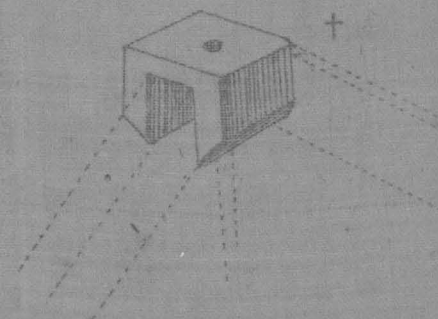
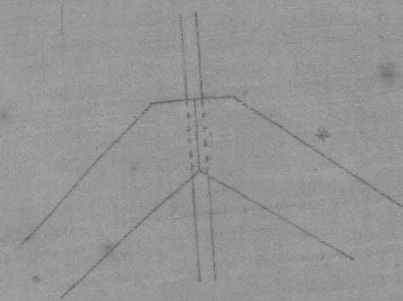
Splays.—All openings will have splayed edges measuring three inches on the face of the splay.

Arching.—The heads of all openings will have flat arches eighteen 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 posts, &c., will be executed in strict accordance with the details shown on the drawing.

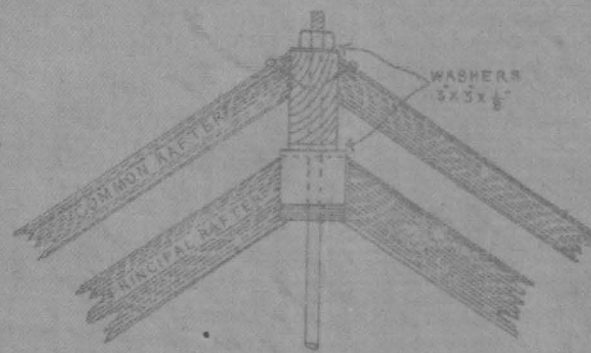
In framing the trusses, the heels of the rafters will be let into the tie beams and strapped down tight, and the heads allowed to butt* simply; over the head a hallow chock† will be fastened on, by the first nut. (The struts having been cut to admit of the proper camber.) A rope



apped round the truss and twisted up tight will bring the tie beam to the required camber, and enable the workmen to screw home the nuts. The lower ends of the struts will butt against the

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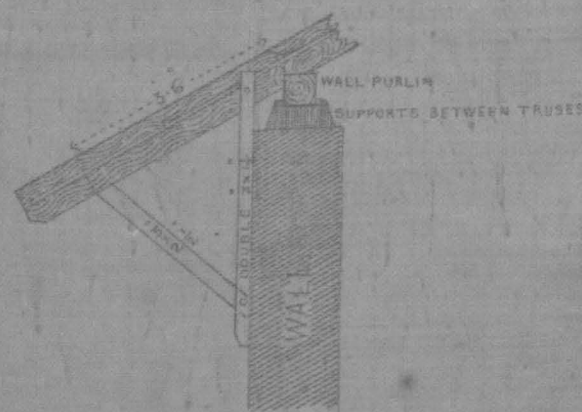
tie beam, and be held in their places by round pieces of wood. The upper ends will be tenoned into the rafters. After the trusses are in position the ridge piece may be added. The purlins



and rafters should be halved each to the extent of one inch. The purlins over the walls should be supported between the trusses.

Rafters.—The rafters may be halved into the purlins, to the extent of $\frac{1}{2}$ inch, but the purlins must not be cut, as the full section is required for the roof. Where verandahs are shown, the rafters will project beyond the wall purlins and rest on bressummers supported by posts. Each rafter must butt against the ridge and be spiked to it as shown on the drawing.

In the jail, the rafters will be strutted at a distance of three feet six inches from the wall purlin.

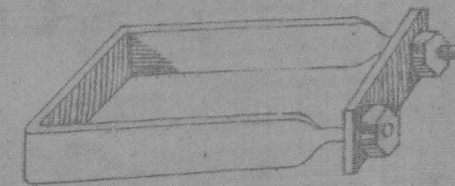


IRONWORK.

Tie-rods.—The tie-rods will be of the forms and dimensions shown, lower ends to have octagonal head and three inches square by $\frac{1}{2}$ inch washers. The upper end nine inches of worm and double nuts and washers.

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Straps.—The straps for trusses will be formed of one inch by $\frac{3}{4}$ inch iron forged to a $\frac{1}{2}$ inch screw at ends, bearing plate $1\frac{1}{2}$ by $\frac{1}{2}$ inch, with nuts and washers.



Doors.—The doors will be one-third panel and two-thirds venetians. The panels to be raised and screwed instead of grooved and tongued, and the edges splayed and not moulded. Venetians to be of ordinary construction.

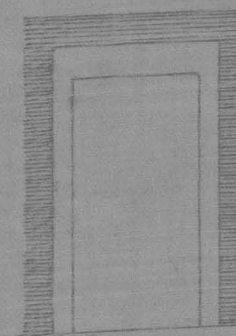
The jail doors will be formed with battens six inches wide and $1\frac{1}{4}$ inches thick with wooden frames and iron shutters of the forms and dimensions shown on the plan of details for "first-class Taluq Cutcheries, dated April 1872."

Painting.—All doors and windows and exposed woodwork of roof will be painted with three coats of "Carson's oak color."

PLASTERING.

One coat of rough cast.—Lay with hand floats one coat of rough cast over the whole of the interior, and bring to a smooth and level surface.

White-wash.—White-wash all interior jambs and soffits, nine inches in breadth at sides and twelve at tops of all openings. Color-wash all remaining portions.



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Pointing.—Rake out the exterior joints of all masonry work to the depth of half an inch well wash the surface and point with flush pointing. The mortar should be toned to the color of the brick by the addition of red ochre.

ROOFING.

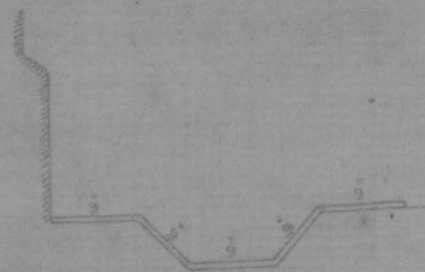
Leading.—After the whole of the carpentry of the roof has been completed, lay in the valleys 18 inches broad leading (or zinc, if sheet lead is not procurable) with a lap of 9 inches where joined.

Tiling.—Cover the roof with well burnt tiles laid in the usual manner, and protect the ridges and hips in tiles specially made for the purpose.

Chunam bands.—Protect the ridges, hips and eaves with chunam bands rough cast on the surface and lay bands on the tiling inches broad and inches apart.

Flooring.—After the masons have brought the surface up ready to receive the floor tiles, lay an even floor of 9 inches square tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

Exterior drain.—All round the exterior build a drain of flat nine inch tiles as sketched below varying the section of the drain according to the slope of the ground.



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

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ESTIMATE FOR CONSTRUCTING A THIRD-CLASS TALUQ CUTCHERRY AS PER
REVISED DRAWING, DATED 6TH JANUARY 1877.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for foundations.</i>						
Court-room, outer walls	1	92 1 1/2	5 0	4 0	1,843	
Do. partition	1	11 6	4 7 1/2	4 0	218	
Police record and Clerks' room, front and rear walls	2	38 9	5 0	4 0	1,550	
Do. partitions	2	11 6	4 7 1/2	4 0	426	
Jail wards, outer walls	3	122 9	5 0	4 0	2,455	
Do. partitions	3	11 6	4 7 1/2	4 0	638	
Verandah walls	1	198 0	3 3	3 0	1,931	
Steps	1	11 0	1 0	1 6	17	
Do.	2	6 2 1/2	1 0	1 6	19	
Cubic feet					9,092	
Cubic yards						337
<i>Concrete.</i>						
Excavation + 4 cubic feet					2,273	
<i>Brickwork in foundations, footings.</i>						
Court-room, outer walls	1	92 1 1/2	2 10	1 6	392	
Do. partition	1	13 8	2 5 1/2	1 6	50	
Police, Record and Clerks' room, front and rear walls	2	40 11	2 10	1 6	348	
Do. do. partitions	2	13 8	2 5 1/2	1 6	101	
Jail wards outer walls	3	122 9	2 10	1 6	522	
Do. partition walls	3	13 8	2 5 1/2	1 6	151	
Verandah walls	1	200 2	1 6	1 0	300	
Above footings to ground level, court room, outer walls	1	92 1 1/2	1 6	1 6	207	
Do. partition	1	15 0	1 1 1/2	1 6	25	
Police, Record and Clerks' room, front and rear walls	2	42 3	1 6	1 6	190	
Do. partitions	2	15 0	1 1 1/2	1 6	51	
Jail wards outer walls	3	122 9	1 6	1 6	276	
Do. partitions	3	15 0	1 1 1/2	1 6	76	
Do. extra thickness for plinth	3	86 8 1/2	0 4	1 6	43	
Verandah walls	1	201 6	0 9	1 0	151	
Steps	1	11 0	1 0	1 1 1/2	12	
Do.	2	6 3	1 0	1 1 1/2	14	
Cubic feet					2,909	
<i>Brickwork in basement.</i>						
Court-room, outer walls	1	92 1 1/2	1 6	1 6	207	
Do. partitions	1	15 0	1 1 1/2	1 6	25	
Police, Record and Clerks' room, front and rear walls	2	42 3	1 6	1 6	190	
Do. do. partitions	2	15 0	1 1 1/2	1 6	51	
Jail wards, outer walls	3	122 9	1 6	1 6	276	
Do. partitions	3	15 0	1 1 1/2	1 6	76	
Do. extra thickness for plinth	3	86 8 1/2	0 4	1 6	43	
Verandah walls	1	201 6	0 9	1 0	151	
Steps	1	11 0	1 0	0 6	6	
Do.	2	6 2 1/2	1 0	0 6	6	
						1,031

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Deductions.</i>						
Cut stone as per details	...	...	...	...	77	
Under posts do.	...	...	...	...	7	84
Cubic feet	...	...	...	...	...	947
<i>Brickwork in Superstructure.</i>						
Court-room, outer walls	...	92 1½	1 6	10 0	1,382	
Do. partitions	1	15 0	1 1½	10 0	169	
Do. gables	2	18 0	1 6	3 0	162	
Do. do.	1	18 0	1 1½	3 0	61	
Police, Record, Clerks' room, front and rear walls	2	42 3	1 6	10 0	1,268	
Do. partitions	2	15 0	1 1½	10 0	338	
Do. gables	2	18 0	1 6	3 0	162	
Do. do.	2	18 0	1 1½	3 0	122	
Jail wards, outer walls	...	122 9	1 6	10 0	1,841	
Jail wards partitions	3	15 0	1 1½	10 0	506	
Do. gables	3	18 0	1 1½	3 0	182	6,193
<i>Deductions.</i>						
Police room openings	2	8 0	1 6	10 0	240	
Doors with flat arches two thirds of	9	4 0	1 6	3 0	288	
Do. do. do.	2	4 0	1 1½	8 0	48	
Do. do. do.	4	4 0	1 6	7 6	120	
Windows do. do.	4	3 6	1 6	5 0	70	
Jail ventilators	4	4 0	1 6	2 6	60	
Stones under trusses as per details	...	...	...	...	6	832
Cubic feet	...	...	...	...	...	5,361
<i>N.B.—One-third the area of doors and windows allowed to cover expense of centring and arch-work.</i>						
<i>Out stone if procurable at reasonable rates.</i>						
Capping to plinth	...	266 2½	0 9	0 4	67	
Steps	...	23 6	1 3	0 4	10	
Cubic feet	...	...	...	...	77	
<i>Stone under posts and trusses.</i>						
Under posts	22	1 0	1 0	0 4	7	
Do. trusses	8	1 6	1 6	0 4	6	
Cubic feet	...	...	...	...	13	
<i>Earth filling in basement.</i>						
Court	...	26 11½	15 0	1 0	404	
Police, &c.	...	40 0	15 0	1 0	600	
Jail wards	...	40 0	15 0	1 0	600	
Verandahs	...	188 6	5 9	0 6	542	
Cubic feet	...	...	...	...	2,146	
Cubic yards	...	...	...	...	...	80

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Teakwood.</i>						
Four trusses 15 {tie beams ...	4	18 0	0 4	0 6	12	
feet span. {principal rafters ...	8	9 9	0 4	0 4	9	
{struts ...	8	4 9	0 3	0 3	2	
Purlins	2	35 0	0 5	0 6	15	
Do.	2	54 0	0 5	0 6	23	
Do.	2	36 9	0 5	0 6	15	
Do.	2	8 6	0 5	0 6	4	
Do.	2	10 0	0 5	0 6	4	
Do. over police openings	2	35 0	0 4	0 4	8	
Wall purlins	2	46 0	0 4	0 4	10	
Do.	2	46 6	0 4	0 4	10	
Do.	2	18 0	0 4	0 8	4	
Do.	1	35 0	0 3	0 8	6	
Do.	1	61 6	0 3	0 8	10	
Ridge	1	29 0	0 3	0 8	5	
Do.	1	29 0	0 3	0 8	105	
Do.	144	10 6	0 2½	0 4	7	
Common rafters	8	13 0	0 2½	0 4	45	
Do. in court gables	44	14 9	0 2½	0 4	87	
Do.	125	10 0	0 2½	0 4	6	
Do. in verandahs	4	14 0	0 3	0 5	8	
Hip rafters	4	19 6	0 3	0 5	10	
Do. for jail	8	12 0	0 3	0 5	27	
Do. for verandah	22	7 0	0 5	0 6	44	
Posts	...	211 0	0 5	0 6	7	
Bressummers	137	1 0	0 2½	0 3	7	
Small uprights over do.	274	1 3	0 2	0 1½	6	
Cheek pieces do.	4	13 0	0 1½	0 11	12	
Barge board for court gables	...	335 0	0 1	0 5	9	
Eaves board throughout	56	3 0	0 2½	0 3	1	
Jail struts	4	3 6	0 2½	0 3	14	
Do. at angles	112	4 0	0 1½	0 3	...	
Do. uprights	...	...	...	...	532	
Cubic feet	...	...	...	...	...	
<i>Wrought Ironwork in trusses.</i>						
1 inch diameter king rods	4	7 0	28 ×	2-62	73-36	
1 inch hex. nuts and bolt heads	12	...	×	0-55	6-60	
3 inches × 3 inches × ½ inch washers	12	...	×	0-32	3-84	
1 inch × ½ inch flat iron straps	8	2 6	20 ×	1-25	25-00	
1 inch × ½ inch bearing plates	8	0 6	4 ×	2-08	8-32	
1½ inches × ½ inch nuts for straps	16	...	×	0-06	0-96	
½ inch hex. nuts for straps	16	...	×	0-14	2-24	
2 inches × 2 inches × ½ inch washers	16	...	×	...	120-32	
lbs	...	...	...	...	...	
<i>Doors and windows, Venetian and panel with frames.</i>						
Doors	11	4 0	...	8 0	352	
Windows	2	3 6	...	5 0	35	
Superficial feet	...	...	...	...	387	
Venetian windows with frames and iron bars for record room	2	3 6	...	5 0	35	Supl. ft.
Batten doors with frames for Jail wards.	4	4 0	...	7 6	120	Supl. ft.
Iron-barred shutters for jail wards (vide details for 1st-class Taluq Cutcherries)	4	3 6	...	7 0	98	Supl. ft.

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Doors and windows, Venetian and panel with frames—(Continued).</i>						
Ventilator frames with iron bars for Jail wards ...	4	4 0'	...	2 6	40	Supl. ft.
Semi-circular lights in Court room gables ...	2 in number.	...	...	...	...	...
<i>Painting doors and windows and exposed woodwork of roofs.</i>						
Doors, panel portion ...	2 x 11	4 0	...	2 8	235	
Do. venetian ...	3 x 11	4 0	...	5 4	704	
Windows do. ...	3 x 4	3 6	...	5 0	210	
Jail doors ...	2 x 4	4 0	...	7 6	240	
Do. iron shutters ...	2 x 4	3 6	...	7 0	196	
Ventilator frames ...	2 x 4	4 0	...	2 6	80	
Semi-circular lights ...	2 x 2	6 3	Area	...	25	
Posts ...	22	1 8	...	6 6	238	
Barge boards ...	4	13 0	...	1 0	52	
Eaves, boarding... ..	...	335 0	...	0 6	168	
Jail struts ...	56	3 0	...	0 11	154	
Do. at angles ...	4	3 6	...	0 11	13	
Do. uprights ...	112	4 0	...	0 7½	280	
Superficial feet ...	...	...	...	...	2,595	
Squares ...	...	...	...	...	...	25-95
<i>Pointing exterior.</i>						
Walls ...	...	275 4½	...	10 6	2,891	
Gables ...	2	18 0	...	3 0	108	
Sides of openings, police ...	4	1 6	...	10 0	60	
Door jambs ...	8	20 0	...	0 9	120	
Window do. ...	4	17 0	...	0 9	51	
Jail doors do. ...	2	19 0	...	0 9	29	
Do. ventilator do. ...	4	9 0	...	0 9	27	
Semi-circular ventilators do. ...	2	10 3	...	0 9	15	
Basement ...	...	291 4½	...	1 0	291	
Deductions.	...	...	...	...	...	3,592
Police openings ...	2	8 0	...	10 0	160	
Doors ...	8	4 0	...	8 0	256	
Windows ...	4	3 6	...	5 0	70	
Jail doors ...	2	4 0	...	7 6	60	
Do. ventilators ...	4	4 0	...	2 6	40	
Semi-circular ventilators in gables ...	2	6 3	Area	...	13	
Superficial feet ...	...	...	...	...	...	599
Squares ...	...	...	...	...	...	2,993
Plastering and washing interior.	...	...	...	...	...	29-93
Court-room ...	...	70 0	...	10 0	700	
Retiring-room ...	...	43 10½	...	10 0	439	
Gables ...	4	15 0	...	2 6	150	
Clerks' and record-room ...	2	50 0	...	10 0	1,000	
Police ...	...	70 0	...	10 0	700	
Gables ...	6	15 0	...	2 6	225	
Jail wards ...	4	50 0	...	10 0	2,000	

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Plastering and washing interior—(Continued).</i>						
Gables ...	6	15 0	...	2 6	225	
Door jambs ...	8	20 0	...	0 9	120	
Do. ...	1	20 0	...	1 1½	45	
Do. ...	4	17 0	...	0 9	30	
Window jambs ...	2	19 0	...	0 9	51	
Jail door do. ...	2	19 0	...	0 9	29	
Jail door jambs ...	4	9 0	...	1 6	57	
Do. ventilators do. ...	2	10 3	...	0 9	27	
Semi-circular do. do. ...	...	...	...	...	15	5,813
<i>Deductions.</i>						
Police openings... ..	2	8 0	...	10 0	160	
Doors ...	8	4 0	...	8 0	256	
Do. ...	3	4 0	...	8 0	192	
Windows ...	4	3 6	...	5 0	70	
Jail doors ...	2	4 0	...	7 6	60	
Do. ventilators ...	2	4 0	...	7 6	120	
Semi-circular do. ...	2	6 3	Area	2 6	40	
Superficial feet ...	...	...	...	...	13	911
Squares ...	...	...	...	...	...	4,902
Tiled roofing with flat and pantiles, including teak reapers, and chunam bands, &c., complete.	...	...	...	...	...	49-02
Court and retiring room ...	...	33 0	...	21 0	693	
Clerks, Record, and Police do. ...	...	52 9	...	21 0	1,108	
Jail wards ...	...	70 0	...	15 0	1,050	
Do. ...	...	38 0	...	10 6	399	
Verandahs ...	...	190 0	...	10 0	1,900	
Superficial feet ...	...	...	...	...	...	5,150
Squares ...	...	...	...	...	...	51-50
<i>Flooring with 9 inches square pavement tiles.</i>						
Court and retiring room ...	...	26 11½	...	15 0	404	
Clerks, Record, and Police do. ...	...	40 0	...	15 0	600	
Verandahs ...	...	190 0	...	5 9	1,093	
Police openings... ..	2	8 0	...	1 6	24	
Door pieces ...	9	4 0	...	1 6	54	
Do. ...	2	4 0	...	1 1½	9	
Do. jail ...	4	4 0	...	0 9	12	
Superficial feet ...	...	...	...	...	...	2,196
Squares ...	...	...	...	...	...	21-96
<i>Flooring with Asphalt ½ inch thick.</i>						
Jail wards ...	4	10 0	...	15 0	600	
Door pieces ...	4	4 0	...	0 9	12	
Superficial feet ...	...	...	...	...	...	612
Squares ...	...	...	...	...	...	6-12

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Detailed Quantities—(Continued).

Description of Works.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Laying lead or zinc sheets to the valleys 18 inches broad	3	27 0	...	...	81 Lineal ft.	
Exterior drain	...	291	Lineal feet.			
DETAILED QUANTITIES FOR REGISTRARS' AND POST OFFICES.						
Excavation for foundations.						
Outer walls	...	48 9	5 0	4 0	975	
Partition	1	11 6	4 7½	4 0	213	
Verandah walls... ..	2	18 7½	3 3	3 0	363	
Step	1	11 0	1 0	1 6	17	
Cubic feet	...	...	...	...	1,568	
Cubic yards	...	...	...	...	...	58
Concrete 12 inches thick.						
Excavation ÷ 4 = ... cubic feet.	...	...	...	...	...	392
Brickwork in foundations, footings.						
Outer walls	...	50 11	2 10	1 6	216	
Partition	1	13 8	2 5½	1 6	50	
Verandah walls... ..	2	18 7½	1 6	1 0	56	
Above footings to ground level outer walls	...	52 3	1 6	1 6	118	
Partition	1	15 0	1 1½	1 6	25	
Verandah walls... ..	2	18 7½	0 9	1 0	28	
Step	1	11 0	1 0	1 1½	12	
Cubic feet	...	...	...	...	505	
Brickwork in basement.						
Outer walls	...	52 3	1 6	1 6	118	
Partition	1	15 0	1 1½	1 6	25	
Verandah walls... ..	2	18 7½	0 9	1 0	28	
Steps	1	11 0	1 0	0 6	6	
Deduct.	...	...	...	...	14	
Cut stone as per details... ..	...	...	...	...	1	
Stone under posts	...	...	...	...	...	15
Cubic feet	...	...	...	...	...	162
Brickwork in Superstructure.						
Outer walls	...	52 3	1 6	10 0	784	
Partition	1	15 0	1 1½	10 0	169	
Gables	1	18 0	1 6	3 0	81	
Do.	1	18 0	1 1½	3 0	61	
						1,095

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Detailed Quantities—(Continued).

Description of Works.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Deductions.						
Doors with flat arches 3rds of	1	4 0	1 6	8 0	32	
Windows do. do.	3	3 6	1 6	5 0	53	
Cubic feet	...	...	...	...	...	85
Cut stone (if procurable at reasonable rates).	2	18 7½	0 9	0 4	9	
Capping to plinth	1	11 0	1 3	0 4	5	
Steps	...	...	...	...	14	
Cubic feet	...	...	...	...	...	1,010
Stone under Posts						
Earth filling in basement.	2	8 0	15 0	1 0	240	
Post and Registration Offices	2	18 7½	5 9	0 6	107	
Verandahs	...	...	...	...	347	
Cubic feet	...	...	...	...	...	C. ft
Cubic yards	...	...	...	...	...	13
Teakwood.						
Purlins	2	19 0	0 5	0 6	8	
Wall do.	2	19 0	0 4	0 4	4	
Ridge	1	19 0	0 3	0 8	3	
Common rafters	24	10 6	0 2½	0 4	18	
Verandah do.	26	10 0	0 2½	0 4	18	
Do. hip rafters	2	14 0	0 3	0 5	3	
Posts	4	7 0	0 5	0 5	5	
Bressumers	2	19 0	0 5	0 6	8	
Small uprights over do.	24	1 0	0 2½	0 3	1	
Cheek pieces do. do.	48	1 3	0 2	0 1½	1	
Eaves boarding	2	19 0	0 1	0 5	1	
Cubic feet	...	...	...	...	70	
Doors Venetian and panel with frames.	1	4 0	...	8 0	32	Supl. ft.
Venetian windows with frames and Iron bars	3	3 6	...	5 0	53	Supl. ft.
Painting doors and windows and exposed woodwork of roofs.						
Door panel portion	2 ×	1	4 0	...	2 8	
Do. Venetian do.	3 ×	1	4 0	...	5 4	
Windows do.	3 ×	3	3 6	...	5 0	
Posts	4	1 8	...	6 6	43	
Eaves boarding	...	38 0	...	0 6	19	
Superficial feet	...	...	...	...	305	
Squares	...	...	...	...	...	3.05

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Detailed Quantities—(Continued).

Description of Works.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Pointing exterior.</i>						
Walls ...	2	18 7½	...	10 6	391	
Door jambs ...	1	20 0	...	0 9	15	
Windows do. ...	3	17 0	...	0 9	38	
Basement ...	2	18 7½	...	1 0	37	481
<i>Deductions.</i>						
Door ...	1	4 0	...	8 0	32	
Windows ...	3	3 6	...	5 0	53	85
Superficial feet ...						396
Squares ...						3-96
<i>Plastering and washing interior.</i>						
Rooms ...	2	46 0	...	10 0	920	
Gables ...	4	15 0	...	2 6	150	
Door jambs ...	1	20 0	...	0 9	15	
Window jambs ...	3	17 0	...	0 9	38	1,123
<i>Deductions.</i>						
Doors ...	1	4 0	...	8 0	32	
Windows ...	3	3 6	...	5 0	53	85
Superficial feet ...						1,038
Squares ...						10-38
Tiled roofing with flat and pan tiles, including teak reapers, chunam bands, &c., complete rooms ...						399
Verandahs ...	2	19 0	...	21 0	380	
Superficial feet ...						779
Squares ...						7-79
<i>Flooring with 9 inches square pavement tiles.</i>						
Rooms ...	2	8 0	...	15 0	240	
Verandahs ...	2	18 7½	...	5 9	214	
Superficial feet ...						454
Squares ...						4-54
Lead or zinc sheet to the valleys 18 inches broad ...			12	Lineal feet.		
Exterior drain ...			38	Lineal feet.		

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ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.	Total.
337 C. yds.	Excavation for foundations ...	...	C. yd.		
2,273 C. ft.	Concrete ...	...	C. ft.		
2,909 "	Brickwork in foundations ...	...	"		
947 "	Do. in basement ...	...	"		
5,361 "	Do. in superstructure ...	...	"		
77 "	Cut-stone if procurable at reasonable rates ...	...	"		
13 "	Stone under posts and trusses ...	...	"		
80 C. yds.	Filling in basement ...	...	C. yd.		
532 C. ft.	Teakwood wrought and put up ...	...	C. ft.		
120-32 lbs.	Wrought iron in trusses ...	...	lb.		
387 S. ft.	Venetian and panel doors and windows with frames ...	...	S. ft.		
35 "	Venetian windows with frames and iron bars ...	...	"		
120 "	Batten doors with frames for jail ...	...	"		
98 "	Iron barred shutters for do. ...	...	"		
40 "	Ventilator frames with iron bars for jail ...	...	"		
2 No.	Semi-circular lights in Court-room gables ...	...	each.		
25-95 Sqrs.	Painting doors and windows and exposed woodwork with 3 coats of Carson's oak color ...	...	Sqrs.		
29-93 "	Pointing exterior ...	...	"		
49-62 "	Plastering and washing interior ...	...	"		
51-50 "	Tiled roofing complete ...	...	"		
21-96 "	Flooring with 9 inches square tiles including foundations ...	...	"		
6-12 "	Flooring with asphalt ½ inch thick including foundations ...	...	"		
81 L. ft.	Lead or zinc sheets to the valleys ...	...	L. ft.		
291 "	Exterior drain ...	...	"		
	Contingencies at 5 per cent ...	...			
<i>Registrars' and Post Offices.</i>					
58 C. yds.	Excavation for foundations ...	...	C. yd.		
392 C. ft.	Concrete ...	...	C. ft.		
505 "	Brickwork in foundations ...	...	"		
162 "	Do. in basement ...	...	"		
1,010 "	Do. in superstructure ...	...	"		
14 "	Cut-stone if procurable at reasonable rates ...	...	"		
13 "	Stone under posts ...	...	"		
13 C. yds.	Filling in basement ...	...	C. yd.		
70 C. ft.	Teakwood wrought and put up ...	...	C. ft.		
32 S. ft.	Venetian and panel door with frames ...	...	S. ft.		
53 "	Venetian windows with frames and iron bars ...	...	"		
3-05 Sqrs.	Painting doors and windows and exposed woodwork with 3 coats of Carson's oak color ...	...	Sqrs.		
3-96 "	Pointing exterior ...	...	"		
10-38 "	Plastering and washing interior ...	...	"		
7-79 "	Tiled roofing complete ...	...	"		

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Quantity.	Item.	Rate.	Per	Amount.	Total.
<i>Registrars' and Post Offices—</i> (Continued.)					
454 Sqrs.	Flooring with 9 inches square tiles including foundations ...	...	Sqrs.		
12 L. ft.	Lead or zinc sheets to valleys ...	...	L. ft.		
38 "	Exterior drain ...	...	"		
	Contingencies at 5 per cent ...	...			
	Total ...				

CHEPAUK,
6th January 1877.

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

No. 169. ORDER THEREON, 7th March 1877, No. 786.

CIVIL WORKS, No. 18.

ORDERED that the specification and estimate of quantities be printed, and the revised design lithographed for adoption

as the standard design for 3rd-class Taluq Cutcherry.

(True Extract.)

(Signed) W. FAREWELL, Colonel,
Acting Joint Secy. to Govt., P.W.D.,
Buildings and Roads Branch.

To District Engineers.
To the Consulting Architect to Government.
" Judicial Department.

Order in the Judicial Department 24 May 1877. No. 1293

Communicated to the Board of Revenue and to the Revenue Department.

(True Extract)

Exd S. T. Austin.

Spare Copies

Wm. Sharkey
Assistant Secretary

For the Revenue Department.

Gobt. of [1877] Madras.

PUBLIC WORKS.

To

DISTRICT ENGINEERS,

&c., &c., &c.

Dated March 7th.

Issued

Recd.

Encl.

G. O., 7th March 1877, No. 786.

MARCH.

Nos. 168-169.

Standard Designs for 3rd-class Taluk
Outcherries.—The specification and estimate
of quantities ordered to be printed and the
revised design lithographed for adoption
as the—

Revenue 1877. Department
No 2639
Mis

Proc of Govt - Judicial Deptt

Dated 24th May 1877
Recd 24th No 1293

For Mis

Communicating
Proceedings of Govt. Pub.
Works Deptt regarding
Standard designs for
3rd class Talug; Cutcheries

No 2952.
Lodged
28th May 1877