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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2204	Press
B.P. No.		Mis.
Dated	21. 8	1876
		195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st August 1876. No. 2,204.*

Read the following papers.—

No 489. From Major ROSS THOMPSON, R E, Officiating Consulting Architect to Government, to Major-General G. W. WALKER, R E, Secretary to Government, Public Works Department, dated Chepauk, 13th March 1876, No 388

BEFORE preparing an estimate of quantities for the alternative design for 1st-Class Taluq Cutcheries with stone walls and terrace roofing, called for in your Memorandum, No 319, dated 20th March 1875, I have the honor to request you will be good enough to inform me whether the quantities for the additional room for District Registrar, sanctioned for the Taluq Cutcherry at Kovilguntla, referred to in your Memorandum, No. 62, dated 22nd February 1875, is to be included.

No 508.

THE quantities should be separately specified and bracketted so that where the additions are not required such will not affect the total quantities of the remainder of the building

(By order)

(Signed)

W. FAREWELL, Colonel,
Offg Deputy Chief Engineer &
Offg. Consulting Architect to Govt.

18th March 1876

No 489-A. From Major P. MONTGOMERIE, R E, Officiating Consulting Architect to Government, to Major-General G W. WALKER, R E., Secretary to Government, Public Works Department, dated Chepauk, 26th July 1876, No. 556.

In compliance with your Memoranda, No. 319, dated 20th March 1875, and

1 Estimate

1 Plan

No 508, dated 18th March 1876, I have the honor to submit a specification and

detailed quantities for the alternative design for 1st-Class Taluq Cutcheries, with stone walls and terrace roofing, sanctioned in G.O., No. 1,871, dated 13th July 1874. These quantities provide for the additional openings for lighting and ventilating the Public and Sheristadar's room, according to the proposals submitted with this office letter, No 125, dated 14th July 1875.

The quantities for the Registrar's room are shown separately.

A plan of the Registrar's room and the additional openings is also forwarded.

SPECIFICATION of Works to be performed in constructing a 1st-Class Taluq Cutcherry according to the alternative Standard Design for Stone Walls and Terraced Roofing, dated 14th April 1874

EXCAVATION

After the centre lines of the walls have been pegged out and the breadths of the foundations lockspitted, excavate the foundations to the full depth

The depth at which the building is to be founded will be determined by the officer in charge of the works. The estimate provides 5 feet for the main building and 4 feet for verandahs, which will be ample, unless the soil is very bad.

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 the concrete, in 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.

MASONRY

Foundations — On the completion of the concrete, the centre lines will be carefully laid out, and the footing courses will be carried up in steps, six inches high, with three inch offsets on either side

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Basement—The basement for the main building will be 2½ feet thick, and 1 foot for verandahs. The upper course will be splay moulded as shown on plan.

Superstructure—The walling will be carried up 2 feet thick. The exterior walls of the upper story will be 1½ feet thick, and the arches and buttresses 1½ feet in thickness, to the various heights marked on the plan. The angles of all openings will be splayed.

Circular Archwork—The circular archwork will be 1½ feet in thickness.

Lintels—All doors and windows to have stone lintels, as shown on plan.

TEAKWOOD

The verandah posts will be tenoned into stone slabs. The angles of all posts and joists to be splayed, as shown on plan. Joists to be spaced 18 inches, centre to centre.

DOORS AND WINDOWS.

The doors will have raised and screwed panels instead of grooved and tongued, and the edges will be splayed and not moulded. Venetians to be of ordinary construction. The treasury doors and jail ventilators to have iron bars. The jail-door frames will be of wood with batten shutters opening outwards, and iron barred shutters opening inwards—*vide details for 1st-Class Taluk Cutcheries*, dated April 1872, Drawing No. 3.

ROOFING

The main building will be of terracing laid in the usual manner. Verandahs and covered way to be of slope terracing.

Lead flashing—Where a roof joins a wall, proper lead or zinc flashing will be inserted to prevent the joint from leaking.

FLOORING

The flooring will be of stone slabs laid truly level and neatly jointed. Jail wards to be asphalted ½ inch thick.

PLASTERING

The interior will be plastered with one coat of rough cast, and brought to a smooth and level surface.

WHITE-WASHING.

White-wash all interior jambs and soffits, 9 inches in breadth at sides, and 12 inches at tops of all openings. Color-wash all remaining portions.

POINTING.

Rake out the exterior joints of all masonry work to the depth of ½ an inch, well wash the surface and point with flush pointing.

PAINTING.

All doors and windows and exposed woodwork will be painted with three coats of Carson's oak color, and the woodwork of the roof with three coats of wood-oil.

EXTERIOR DRAIN.

All round the exterior build a 9-inch drain, varying the section of the drain according to the slope of the ground.

(Signed) P. MONTGOMERIE, Major, R.E.,
Offg. Consulting Architect to Govt.

Detailed Quantities

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for Foundations</i>						
Court-house, &c., outer walls ...	...	184 0	5 6	5 0	5,060	
Do. partitions ...	3	14 6	5 6	5 0	1,198	
Do. piers and pilasters ...	7	1 6	5 0	5 0	203	
Clerk's room, front wall ...	1	29 6	5 6	5 0	811	
Do. rear wall ...	1	40 0	5 6	5 0	1,100	
Do. partition walls ...	2	14 6	5 6	5 0	748	
Do. piers and pilasters ...	4	1 6	5 0	5 0	150	

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavations for Foundations—(Conld.)</i>						
Tower ...	1	13 6	15 6	5 0	1,046	
Sheristadar's room, front wall ...	1	24 6	5 6	5 0	674	
Do. rear wall ...	1	27 6	5 6	5 0	756	
Do. partition wall ...	1	15 6	5 6	5 0	426	
Do. end wall ...	1	31 6	5 6	5 0	866	
Do. piers ...	4	1 6	5 0	5 0	150	
Public, front and end walls ...	...	39 6	5 6	5 0	1,086	
Inspector and Police, front, rear and end walls ...	...	53 6	5 6	5 0	1,471	
Do. partition wall ...	1	14 6	5 6	5 0	399	
Jail, outer walls ...	...	182 0	5 6	5 0	5,005	
Do. partitions ...	4	11 6	5 6	5 0	1,265	
Verandahs and covered way ...	...	411 9	4 0	4 0	6,588	
Steps ...	1	19 0	3 0	1 0	57	
Do. ...	2	11 0	4 0	1 0	88	
Do. ...	2	10 0	4 0	1 0	80	
Do. ...	3	7 0	4 0	1 0	84	
Cubic feet ...	...	...	...	...	27,419	
Cubic yards ...	...	...	...	...	...	1,090
<i>Filling in Basement</i>						
Court-house, &c. ...	...	62 0	17 6	1 6	1,628	
Clerk's rooms ...	...	35 0	17 6	1 6	919	
Sheristadar's and Cashier's room ...	...	28 0	18 6	1 6	777	
Public ...	...	14 6	11 6	1 6	250	
Inspector and Police ...	...	14 6	17 6	1 6	381	
Covered way ...	...	24 9	11 6	1 6	538	
Jail wards ...	...	61 6	14 6	1 6	1,338	
Verandahs ...	...	361 3	4 9	1 6	2,574	
Cubic feet ...	...	...	...	...	8,405	
Cubic yards ...	...	...	...	...	...	312
<i>Concrete.</i>						
Court-house, &c., outer walls ...	...	184 0	5 6	2 0	2,024	
Do. partitions ...	3	14 6	5 6	2 0	479	
Do. piers and pilasters ...	7	1 6	5 0	2 0	105	
Clerk's room, front wall ...	1	29 6	5 6	2 0	325	
Do. rear wall ...	1	40 0	5 6	2 0	440	
Do. partition walls ...	2	14 6	5 6	2 0	319	
Do. piers and pilasters ...	4	1 6	5 0	2 0	60	
Tower ...	1	13 6	15 6	2 0	419	
Sheristadar's room, front wall ...	1	24 6	5 6	2 0	270	
Do. rear wall ...	1	27 6	5 6	2 0	303	
Do. partition wall ...	1	15 6	5 6	2 0	171	
Do. end wall ...	1	31 6	5 6	2 0	347	
Do. piers ...	4	1 6	5 0	2 0	60	
Public, front and end walls ...	...	39 6	5 6	2 0	435	
Inspector and Police, front, rear and end walls ...	...	53 6	5 6	2 0	589	
Do. partition wall ...	1	14 6	5 6	2 0	160	
Jail, outer wall ...	...	182 0	5 6	2 0	2,002	
Do. partitions ...	4	11 6	5 6	2 0	506	
Verandahs and covered way ...	...	411 9	4 0	1 0	1,647	
Cubic feet ...	...	...	...	...	10,661	

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Detailed Quantities—(Continued).

Description of Work	No.	Length	Breadth.	Depth.	Contents	Total
<i>Masonry in Foundations</i>						
<i>Footings</i>						
Court-house, &c, outer walls ..	...	184 0	3 6	1 6	966	
Do. partitions ...	3	16 6	3 6	1 6	260	
Do. piers and pilasters ...	7	1 6	3 0	1 6	47	
Clerk's room, front wall ...	1	31 6	3 6	1 6	165	
Do. rear wall ...	1	40 0	3 6	1 6	210	
Do. partition walls ...	2	16 6	3 6	1 6	173	
Do. piers and pilasters ...	4	1 6	3 0	1 6	27	
Tower ...	1	11 6	13 6	1 6	233	
Sheristadar's room, front wall ...	1	26 6	3 6	1 6	139	
Do. rear wall ...	1	29 6	3 6	1 6	155	
Do. partition wall ...	1	17 6	3 6	1 6	92	
Do. end walls ...	1	29 6	3 6	1 6	155	
Do. piers ...	4	1 6	3 0	1 6	27	
Public, front and end walls ...	...	41 6	3 6	1 6	218	
Inspector and Police, front, rear, and end walls ...	...	53 6	3 6	1 6	291	
Do. partition wall ...	1	16 6	3 6	1 6	87	
Jail, outer walls ...	...	182 0	3 6	1 6	956	
Do. partitions ...	4	13 6	3 6	1 6	284	
Verandahs and covered way ...	...	416 9	2 0	1 6	1,250	
<i>Above Footings to Ground Level</i>						
Court-house, &c, outer walls ..	...	184 0	2 6	1 6	690	
Do. partitions ...	3	17 6	2 6	1 6	197	
Do. piers and pilasters ...	7	1 6	2 0	1 6	32	
Clerk's room, front wall ...	1	32 6	2 6	1 6	122	
Do. rear wall ...	1	40 0	2 6	1 6	150	
Do. partition walls ...	2	17 6	2 6	1 6	131	
Do. piers and pilasters ...	4	1 6	2 0	1 6	18	
Tower ...	1	10 0	12 6	1 6	197	
Sheristadar's and Cashier's room, front wall ...	1	27 6	2 6	1 6	103	
Do. rear wall ...	1	30 6	2 6	1 6	114	
Do. partition wall ...	1	18 6	2 6	1 6	69	
Do. end wall ...	1	28 6	2 6	1 6	107	
Do. piers ...	4	1 6	2 0	1 6	18	
Public, front and end walls ...	...	42 6	2 6	1 6	159	
Inspector's and Police, front, rear, and end walls ...	...	56 6	2 6	1 6	212	
Do. partition wall ...	1	17 6	2 6	1 6	66	
Jail, outer walls ...	...	182 0	2 6	1 6	683	
Do. partitions ...	4	14 6	2 6	1 6	218	
Verandahs and covered way ...	1	419 3	1 0	1 6	629	
Steps ...	1	19 0	3 0	1 0	57	
Do. ...	2	11 0	4 0	1 0	88	
Do. ...	2	10 0	4 0	1 0	80	
Do. ...	3	7 0	4 0	1 0	84	
Cubic feet ...	...	...	...	...	9,959	
<i>Masonry in Basement</i>						
Court-house, &c, outer walls ..	...	184 0	2 6	2 0	920	
Do. partition walls ...	3	17 6	2 6	2 0	263	
Do. piers and pilasters ...	7	1 6	2 0	2 0	42	
Clerk's room, front and rear walls ...	2	40 0	2 6	2 0	400	
Do. partition walls ...	2	17 6	2 6	2 0	175	
Do. piers and pilasters ...	4	1 6	2 0	2 0	24	

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Detailed Quantities—(Continued)

Description of Work	No.	Length	Breadth	Depth	Contents	Total
<i>Masonry in Basement—(Continued)</i>						
Tower ...	...	27 0	2 6	2 0	135	
Sheristadar's room, front wall ...	1	27 6	2 6	2 0	138	
Do. rear wall ...	1	30 6	2 6	2 0	153	
Do. partition wall ...	1	18 6	2 6	2 0	93	
Do. end wall ...	1	28 6	2 6	2 0	143	
Do. piers ...	4	1 6	2 0	2 0	24	
Public, front and end walls ...	...	42 6	2 6	2 0	213	
Inspector and Police, front, rear and end walls ...	...	56 6	2 6	2 0	283	
Do. partition wall ...	1	17 6	2 6	2 0	88	
Jail, outer walls ...	...	182 0	2 6	2 0	910	
Do. partitions ...	4	14 6	2 6	2 0	290	
Verandahs and covered way ...	...	419 3	1 0	2 0	839	
Steps ...	1	17 0	3 0	1 0	51	
Do. ...	2	9 6	4 0	1 3	95	
Do. ...	2	8 6	4 0	1 3	85	
Do. ...	3	4 6	4 0	1 3	68	
Sides of Steps ...	14	4 6	0 9	2 0	95	
Deductions—	...	...	...	...	...	5,527
Stone slabs over steps, as per details	...	...	...	...	...	71
Cubic feet	...	...	...	...	...	5,456
<i>Masonry in Superstructure</i>						
Court-house, &c, outer walls ..	...	184 0	2 0	20 0	7,360	
Do. partition do ...	3	18 0	2 0	20 0	2,160	
Do. do arched ...	2	18 0	1 6	20 0	1,080	
Do. buttresses ...	3	1 6	1 6	20 0	135	
Clerk's room, front and rear walls ...	2	40 0	2 0	20 0	3,200	
Do. partition walls ...	2	18 0	2 0	20 0	1,440	
Do. do arched ...	1	18 0	1 6	20 0	540	
Do. buttresses ...	2	1 6	1 6	20 0	90	
Tower, lower portion	1	28 0	2 0	20 0	1,120	
Sheristadar's and Cashier's room front wall ...	1	28 0	2 0	16 0	896	
Do. rear wall ...	1	31 0	2 0	16 0	992	
Do. partition wall ...	1	19 0	2 0	16 0	608	
Do. end wall ...	1	23 0	2 0	16 0	896	
Do. arched partitions ...	1	15 0	1 6	16 0	360	
Do. do ...	1	14 0	1 6	16 0	336	
Public, front and end walls ...	...	43 0	2 0	16 0	1,376	
Inspector and Police, front, rear and end walls ...	...	57 0	2 0	16 0	1,824	
Do. partition wall ...	1	18 0	2 0	16 0	576	
Jail, outer walls ...	...	182 0	2 0	18 0	6,552	
Do. partition walls ...	4	15 0	2 0	18 0	2,160	
Deductions—	...	...	...	...	...	33,701
Doorways ...	36	4 0	2 0	8 0	2,304	
Do. with ventilators above in Sheristadar's room ...	2	4 0	2 0	10 0	160	
Do. in Tahsildar's room ...	1	3 0	2 0	8 0	48	
Do. in Police room ...	1	2 6	2 0	8 0	40	
Do. in Tower ...	1	3 0	4 0	8 0	96	
Windows for Cashier's room and Post office ...	2	3 6	2 0	5 0	70	
Upper lights in Court-house, &c. ...	2	6 0	2 0	4 0	96	
Do. do and Clerk's room ...	16	4 0	2 0	4 0	512	
Ventilators in Jail ...	18	4 0	2 0	2 0	288	

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Detailed Quantities—(Continued)

Description of Work	No	Length	Breadth	Depth	Contents	Total
Doors, 1st Panel and 3rds Venetians including Frames, &c, complete	25	4 0		8 0	800	
Do with ventilator above	2	4 0		10 0	80	
Do	1	3 0		8 0	24	
Do	1	2 6		8 0	20	
Superficial feet					924	
Batten Doors with Iron Bars and Frames complete.						
For Treasury	3	4 0		8 0	96	Supl ft
Batten door for Tower ..	1	3 0		8 0	24	Supl ft
Iron doors with wooden frames and shutters for Jail wards	8	4 0		8 0	256	Supl ft
Ventilators with iron bars for Jail	18	4 0	...	2 0	144	Supl ft
Windows with Frames.						
Post office and Cashier's room	2	3 6		5 0	35	
Record-room	12	2 0		5 0	120	
Superficial feet					155	
Upper lights	2 16	6 0 4 0		4 0 4 0	48 256	
Superficial feet					304	
Iron-barred partition for Treasury with Door complete						
Square portion	..	12 0		10 0	120	
Segment	..	32 6	area		324	
Superficial feet					1524	
Painting Doors and Windows and exposed Woodwork with 3 coats of Carson's oak color						
Doors, panel portion	2 x 25	4 0		2 8	533	
Do venetians	3 x 25	4 0	...	5 4	1,600	
Do panel portion	2 x 2	4 0		4 8	75	
Do venetians	3 x 2	4 0	..	5 4	128	
Do panel portion	2 x 1	3 0	...	2 8	16	
Do venetians	3 x 1	3 0	...	5 4	48	
Do panel portion	2 x 1	2 6		2 8	13	
Do venetians	3 x 1	2 6	..	5 4	40	
Batten door with iron bars ..	3 x 3	4 0		8 0	288	
Do door	2 x 1	3 0	...	8 0	48	
Jail doors	4 x 8	4 0		8 0	1,024	
Do ventilators	2 x 18	4 0		2 0	288	
Venetian windows	3 x 2	3 6		5 0	105	
Do	3 x 12	2 0	..	5 0	360	
Upper lights	2 x 2	6 0	...	4 0	96	
Do	2 x 16	4 0	...	4 0	512	

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Detailed Quantities—(Continued)

Description of Work	No	Length	Breadth	Depth	Contents	Total
Painting Doors and Windows and exposed Woodwork, &c—(Concluded)						
Barred partition	2	12 0	area	10 0	240	
Do	2	32 6		8 3	65	
Verandah posts	55	2 0		1 0	908	
Leaves boarding		423 0			423	
Superficial feet					6,810	
Squares					..	68 10
Wood-oiling, 3 coats.						
Joists	13	61 0	..	1 4	1,057	
Do	13	34 6		1 4	598	
Do	21	17 6		1 4	490	
Do	11	12 0	...	1 4	176	
Do	13	15 6	...	1 1	218	
Do	48	15 0	..	1 8	1,200	
Do	38	10 6	..	1 0	399	
Rafters	18	9 0	...	1 0	162	
Collar pieces		423 0	..	1 6	635	
Bressummers	256	10 0	..	0 11	2,347	
Rafters	12	12 6	...	1 1	163	
Hip rafters	250	1 0	...	0 11	229	
Uprights	500	1 3	..	0 6	313	
Side pieces						
Upper story—						
Joists	14	30 0	...	1 10	770	
Superficial feet					8,757	
Squares					..	87 57
Openwork for sides of Police rooms	2	5 6	...	6 0	66	Supl ft.
Terracing						
Court-house, &c		72 0		20 0	1,440	
Clerk's rooms		40 0	...	20 0	800	
Sheristadar's and Cashier's ..		33 0	...	21 0	693	
Public		14 0	..	17 0	238	
Police and Inspectors		19 6	..	20 0	390	
Jail ward		74 0	..	17 0	1,258	
Record-room		33 6	..	21 6	720	
Superficial feet					5,539	
Squares					..	55 39
Slope Terrace.						
Covered way		27 0	...	21 0	567	
Verandahs		368 0	..	9 6	3,496	
Superficial feet					4,063	
Squares					..	40 63
Lead flushing, 18 inches broad						
Verandahs, &c.	1	357 0	...	..	357	
Covered way	1	21 0	..	..	21	
Linear feet					378	

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Detailed Quantities—(Continued).

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Flooring with Stone Slabs.</i>						
Court-house, &c	...	61 0	...	18 0	1,098	
Clerk's rooms	...	31 6	...	18 0	621	
Sheristadar's and Cashier's	...	29 0	...	17 6	503	
Public	...	12 0	...	15 0	180	
Inspector and Police	...	15 6	...	18 0	279	
Covered way	...	16 0	...	24 0	384	
Verandahs all round	...	368 0	...	6 0	2,208	
Large archways	...	15 0	...	1 6	63	
Do	...	8 0	...	2 0	16	
Do	...	11 0	...	1 6	17	
Public and Police room archways	...	12 0	...	1 6	18	
Doors	...	4 6	...	2 0	36	
Do	28	4 0	...	2 0	224	
Do	1	3 0	...	2 0	6	
Do	1	3 0	...	4 0	12	
Do	1	2 6	...	2 0	5	
Superficial feet	...	...	...	...	5,680	
Squares	...	...	...	...	...	56 80
<i>Flooring with Asphalt, 1 inch thick</i>						
Jail wards	...	64 0	...	15 0	960	
Door pieces	8	4 0	...	2 0	64	
Superficial feet	...	...	...	...	1,024	
Squares	...	...	...	...	...	10 24
<i>Pointing Exterior.</i>						
Court-house and Clerk's rooms	...	257 0	...	20 0	5,140	
Sheristadar's and Cashier's room, &c	...	165 0	...	16 0	2,640	
Jail wards	...	190 0	...	18 0	3,420	
Record-room	...	104 0	...	12 0	1,248	
Tower	...	22 0	...	32 0	704	
Sides of steps	7	4 6	...	2 0	63	
Basement all round	0	661 0	...	2 0	1,328	
Jambs and soffits of doors	28	20 0	...	1 0	560	
Do	1	18 6	...	1 0	19	
Do	2	24 0	...	1 0	48	
Windows	2	17 0	...	1 0	31	
Record-room windows	12	14 0	...	0 10 4	147	
Openwork sides	2	23 0	...	0 6	23	
Ventilators	18	12 0	...	1 0	216	
Upper lights	2	20 0	...	1 0	40	
Do	16	16 0	...	1 0	256	
Arches	4	21 0	...	2 0	168	
Do	2	19 6	...	2 0	78	
Deductions—						16,132
Doors	28	4 0	...	8 0	896	
Do	2	4 0	...	10 0	80	
Do	1	2 6	...	8 0	20	
Windows	2	3 6	...	5 0	35	
Record-room windows	12	2 0	...	5 0	120	
Openwork	2	5 6	...	6 0	66	
Ventilators for Jail	18	4 0	...	2 0	144	
Upper lights	2	4 0	...	2 0	141	
Do	2	6 0	...	4 0	48	
Do	16	4 0	...	4 0	256	

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Detailed Quantities—(Continued)

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Pointing exterior —(Concluded)</i>						
Deductions —(Concluded)						
Archways, square portion	4	4 6	...	7 0	126	
Do do	2	4 6	...	4 0	36	
Do semi-circle portion	6	7 10	Area	...	47	1,874
Superficial feet	...	...	...	...	...	14,258
Squares	...	...	...	...	...	142 58
<i>Plastering and Washing interior</i>						
Court-house, &c	...	338 0	...	20 0	6,760	
Clerk's rooms	...	177 0	...	20 0	3,540	
Sheristadar's and Cashier's rooms	...	128 0	...	16 0	2,048	
Public	...	54 0	...	16 0	864	
Inspector's and Police	...	103 0	...	16 0	1,648	
Jail wards	...	278 0	...	18 0	5,004	
Record-rooms	...	138 0	...	12 0	1,656	
Tower	...	18 10	...	37 0	697	
Do soffit of dome $6\frac{1}{2} \times 8\frac{1}{2} = 54\frac{1}{4}$	...	56 6	Area	...	57	
Jambs and soffits of doors	28	20 0	...	1 0	560	
Do do	2	24 0	...	1 0	48	
Do do	1	18 6	...	1 0	19	
Do do	8	20 0	...	2 0	320	
Do do	1	19 0	...	2 0	38	
Do do	1	19 0	...	4 0	76	
Do do	2	17 0	...	1 0	34	
Windows	12	14 0	...	0 10 4	147	
Record-room windows	2	23 0	...	0 6	23	
Openwork sides	18	12 0	...	1 0	216	
Ventilators	2	20 0	...	1 0	40	
Upper lights	16	16 0	...	1 0	256	
Do	3	36 6	...	1 6	164	
Large arches, sides and soffits	1	32 6	...	2 0	65	
Do do	1	34 0	...	1 6	51	
Do do	1	35 0	...	1 6	53	
Do do upper story	1	17 9	...	2 0	36	
Do do do	1	29 0	...	1 6	44	24,464
Deductions—						
Doors	28	4 0	...	8 0	896	
Do	2	4 0	...	8 0	512	
Do	2	4 0	...	10 0	80	
Do	1	2 6	...	8 0	20	
Do	2	3 0	...	8 0	96	
Do	2	3 6	...	5 0	35	
Windows	12	2 0	...	5 0	120	
Record-room windows	2	5 6	...	6 0	66	
Openwork	18	4 0	...	2 0	144	
Ventilators for jail	2	6 0	...	4 0	48	
Upper lights	16	4 0	...	4 0	256	
Do	3	15 0	...	6 6	585	
Large arches, square portion	2 x	3	88 4	Area	530	
Do semi-circle portion	2 x	1	8 0	Area	160	
Do square portion	2 x	1	25 0	Area	50	
Do semi-circle portion	2 x	1	25 0	Area	50	

Proceedings of the Madras Government, Public Works Department,
21st August 1876. No 2,204.

Detailed Quantities—(Continued)

Description of Work	No	Length	Breadth	Depth	Contents	Total
<i>Plastering and Washing interior</i> (Concluded)						
<i>Deductions—(Concluded)</i>						
Large archway in Cashier's room						
Square portion 2 x	1	12 0		10 0	210	
Do do segment 2 x	1	32 6	Area.	..	65	
Do Cashier's room, square portion 2 x	1	11 0	..	10 0	220	
Do do segment 2 x	1	30 9	Area.	..	62	
Archways in Public and Inspector's room, square portion ..	4	4 6	..	7 0	126	
Do do ..	2	4 6	..	4 0	36	
Do semi-circle portion	6	7 10	Area.	..	47	
Do upper story, square portion .. 2 x	1	13 0	..	6 6	169	
Do segment .. 2 x	1	27 5	Area	..	55	
Do square portion .. 2 x	1	3 0	..	6 6	39	
Do semi-circle portion .. 2 x	1	3 6	Area.	..	7	
					4,664	
Superficial feet ...	...	...	...	...	...	19,800
Squares	..	...	..	...	...	193
<i>Fine plastering exterior of Cupola</i>						
Dome $\frac{10 \times 3 \times 1415}{2} =$..	1	31 5	..	3 6	110	
..	..	157 0	Area.	...	157	
Superficial feet	..	..	...	...	267	
Squares	..	..	...	...	...	2 67
<i>Coping including Slabs and Brackets complete</i>						
Over exterior walls ..	..	...	..	...	664	L. feet
<i>Ornamental Cornice and Moulding</i>						
Round cupola ..	..	...	..	...	32	L. feet
<i>Zinc Rain-pipes</i>						
Court-house and Clerk's rooms	9	22 0	...	...	193	
Record-room ..	3	32 0	...	...	96	
Do ..	1	14 0	...	...	14	
Public and Inspector's room ..	4	20 0	...	...	80	
Jail ..	6	22 0	...	...	132	
Lineal feet ...	..	..	...	...	520	
Lineal feet ...	...	...	...	...	660	
<i>Exterior 9-inch Drain.</i>						
Dais for Court-room complete	1	in Number	...	...	...	
Record racks ..	8	do.	...	...	...	
Spiral stairs ..	33	Steps	...	...	...	
Finial for Tower ..	1	in Number	...	...	...	

Proceedings of the Madras Government, Public Works Department,
21st August 1876. No. 2,204.

DETAILED Quantities for Registrar's Room and Masonry Stairs according to plan, dated 26th
July 1876

Detailed Quantities—(Continued)

Description of Work	No	Length	Breadth	Depth	Contents	Total
<i>Excavation for Foundations</i>						
Stairs	1	29 0	7 0	5 0	1,015	
Cubic yards	...	..	..	..	..	38
<i>Concrete</i>						
Stairs	1	29 0	7 0	2 0	406	Cubic ft
<i>Masonry in Foundations</i>						
Stairs footings ..	1	27 0	6 6	1 6	263	
Above footings to ground level ..	1	26 0	6 0	1 6	234	
Cubic feet .	..	...	..	..	497	
<i>Masonry in Basement.</i>						
Stairs	1	26 0	6 0	2 0	312	Cubic ft
<i>Masonry in Superstructure</i>						
Stairs from verandah	1	5 0	3 9	1 6	28	
Do first flight	1	18 0	3 0	6 0	324	
Do landing	1	3 0	6 0	10 6	189	
Do, second flight	1	13 0	3 0	13 6	527	
Do, landing	1	8 0	6 0	16 0	768	
Do, parapet wall	..	59 6	0 9	2 0	89	
					1,925	
<i>Deductions—</i>						
Stairs circular archway, square portion	1	6 0	3 0	8 0	144	
Do semi-circular, do	1	14 1	Area	3 0	42	
Do circular archwork as per details	..	..	..	..	60	
Do stone slabs for steps do	...	..	..	..	21	
					267	
Cubic feet	..	..	...	...	...	1,653
<i>Masonry.</i>						
<i>Upper story—</i>						
Registrar's room, front, rear and end walls	..	62 6	1 9	12 0	1,313	
Do arched partition ..	1	18 6	1 6	12 0	333	
					1,646	
<i>Deductions—</i>						
Door	1	4 0	1 9	8 0	56	
Windows	6	2 6	1 9	5 0	131	
Archway, square portion ..	1	15 0	1 6	6 6	146	
Do segment	1	30 9	Area	1 6	46	

Proceedings of the Madras Government, Public Works Department,
21st August 1876 No 2,204

Detailed Quantities—(Continued)

Description of Work.	No	Length	Breadth	Depth	Contents	Total
Deductions—(Continued)						
Lintels as per details ..	...		...		43	
Archwork do.	...		...		43	
					465	
Cubic feet .						1,181
Stone Lintels over Door and Windows						
Door	1	6 0	1 9	0 9	8	
Windows ..	6	4 6	1 9	0 9	35	
Cubic feet	...				43	
Circular Archwork						
For stairs arch	1	13 3	3 0	1 6	60	
Registrar's room arch	1	19 0	1 6	1 6	43	
Cubic feet .	...				103	
Stone slabs for steps . . .	33	1 0	2 6	0 3	21	Cubic ft
Splaying top course of stairs parapet and sides of doors and windows 3 inches	...				215	Lineal ft
Teakwood wrought and put up						
Joists	14	19 9	0 3	0 5	29	Cubic ft.
Doors, panel and venetians with frames	1	4 0	...	8 0	32	Supl ft
Windows, venetians with frames ..	6	2 6	...	5 0	75	Supl ft
Painting with 3 coats of Carson's oal color						
Door, panel portion	2 x	1	4 0		21	
Do venetian portion	3 x	1	4 0	2 8	64	
Windows ...	3 x	6	2 6	5 4	225	
Superficial feet	...				310	
Squares	...					
Wood-oiling, 3 coats.						3 10
Joists	14	16 3	...	1 1	246	Supl ft
Squares ...	...					2 46
Terracing	1	19 9	...	19 6	385	Supl ft
Squares ..	...					3 85
Pointing exterior						
Registrar's room	...	69 0	...	12 0	816	

Proceedings of the Madras Government, Public Works Department,
21st August 1876. No. 2,204.

Detailed Quantities—(Concluded)

Description of Work	No.	Length	Breadth	Depth	Contents	Total
Pointing exterior—(Concluded)						
Stairs basement	...	37 0	...	2 0	74	
Do above	...	22 0	...	12 0	264	
Do	...	13 6	...	6 0	81	
Do	...	6 0	...	12 0	72	
Do	...	3 0	...	18 0	54	
Parapet interior	...	60 0	...	2 0	120	
Superficial feet					1,481	
Square						14 81
Plastering interior	...	106 6		12 0	1,278	Supl ft
Squares						12 78
Coping including slabs and brackets complete	...				68	Lineal ft
Zinc rain pipes	2	14 0			28	Lineal ft

ABSTRACT.

Quantity.	Item	Rate	Per	Amount	Total.
1,090 C yds	Excavation for foundations .		C yd		
312 "	Earth filling in basement .		" ft		
10,661 C feet	Concrete .		"		
9,959 "	Masonry in foundations .		"		
5,406 "	Do basement .		"		
26,843 "	Do superstructure .		"		
2,651 "	Do upper story .		"		
387 "	Brickwork with terrace bricks .		"		
805 "	Stone lintels over doors and win- dows .		"		
527 "	Circular archwork .		"		
71 "	Stone slabs for steps .		"		
2,768 L feet	Splaying top course of basement, sides of doors, &c 3 inches		L ft		
1,264 C "	Teakwood wrought and put up .		C. ft		
924 S "	Venetian and panel doors with frames complete .		S ft		
96 "	Batten doors with iron bars and wooden frames complete ..		"		
24 "	Batten door with frame do		"		
256 "	Iron doors with wooden frames and shutters complete .		"		
144 "	Ventilators with iron bars com- plete		"		
155 "	Venetian windows with frames com- plete		"		
304 "	Upper lights complete .		"		
1524 "	Iron-barred partition with door complete for Treasury..		"		

Proceedings of the Madras Government, Public Works Department,
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ABSTRACT—(Continued)

Quantity.	Item.	Rate	Per	Amount.	Total
64 10 Squares.	Painting doors and windows and exposed woodwork with 3 coats of Carson's oak color ...		Sqre.		
97 57 "	Wood-oiling, 3 coats ...		Sqre.		
66 Sup feet	Open-work with tiles ...		Sq. ft.		
53 39 Squares	Terracing ...		Sqre.		
40 63 "	Slope terracing ...		Sqre.		
378 L feet	Lead flashing ...		L. ft		
56 80 Squares	Flooring with stone slabs including concrete bedding ...		L. ft		
10 24 "	Flooring with Asphalt 1 inch thick do ...		Sqre		
142 73 "	Painting exterior ...		"		
198 "	Plastering one coat and washing interior ...		"		
2 67 "	Fine plastering exterior of cupola ...		"		
664 L. feet.	Coping including slabs and brackets complete ...		"		
32 "	Ornamental cornice and moulding for cupola ...		L. ft		
620 "	Zinc rain pipes ...		"		
660 "	Extern 9-inch drain ...		"		
1 No.	Days for Court-room complete ...		"		
8 "	Record racks ...		"		
33 Sts	Spiral stairs ...		Each		
1 No	Panel for tower ...		"		
	(Contingencies at 5 per cent.		Each		

ABSTRACT.

Registrar's Room and Masonry Stairs

Quantity	Item	Rate	Per	Amount	Total
33 C yds	Excavation for foundations		C yds		
406 C feet	Concrete ...		C feet		
497 "	Masonry in foundations ...		"		
312 "	Do in basement ...		"		
1,658 "	Masonry in superstructure ...		"		
1,181 "	Do in upper story ...		"		
43 "	Stone lintels over door and windows ...		"		
103 "	Circular archwork ...		"		
21 "	Stone slabs for steps ...		"		
215 L. feet.	Splaying top course of stairs parapet, sides of door and windows ...		"		
29 C feet	Teakwood wrought and put up ...		L. ft		
32 S "	Venetian and panel door with frame ...		C. ft.		
75 "	Venetian windows with frames ...		S. ft.		
3 10 Squares	Painting door and windows with 3 coats of Carson's oak color ...		"		
2 46 "	Wood-oiling, 3 coats ...		Sqre		
3 83 "	Terracing ...		"		

Proceedings of the Madras Government, Public Works Department,
21st August 1876. No 2,204

ABSTRACT—(Concluded)

Quantity	Item	Rate	Per	Amount	Total
14 81 Squares	Pointing exterior		Sqre		
12 78 "	Plastering one coat and washing interior		"		
68 L feet	Coping including slabs and brackets complete		L ft		
28 "	Zinc rain-pipes		"		
	Contingencies at 5 per cent				
	Total				

CHEPAUK,
26th July 1876

(Signed) P. MONTGOMERIE, Major, R E,
Offg Consulting Architect to Government

No 490 ORDER THEREON, 21st August 1876, No 2,204

CIVIL WORKS, No 43.

ORDERED that the plan be lithographed, and the specification and detailed quantities printed for distribution and

guidance, in continuation of G O, No 1,871, dated 13th July 1874.

(True Extract)

Colonel,

Offg. Under Secy. to Govt, P.W.D.

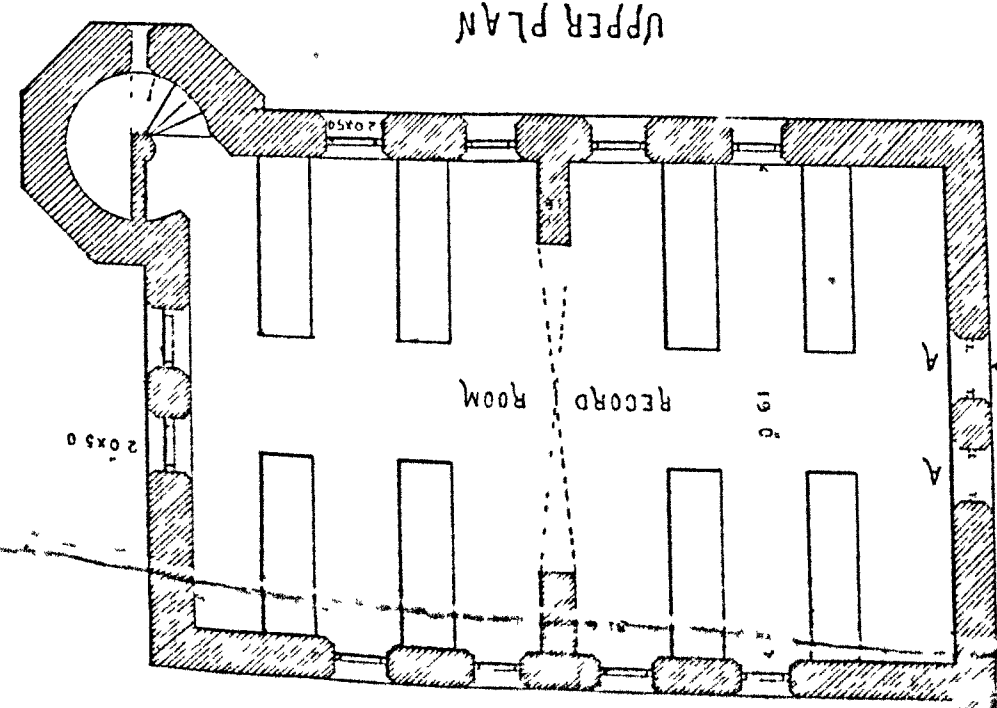
To the Officiating Consulting Architect to Government.
To District Engineers
To the Judicial Department

Exd W H French
Spore Copies

A PORTION OF THE STANDARD DESIGN FOR A 1ST CLASS TALUQ CUTCHERRY

WITH STONE WALLS AND TERRACE ROOFING
SHOWING THE ADDITIONAL OPENINGS FOR LIGHTING AND VENTILATING, AND ROOM FOR REGISTRARS

SHOWN DOTTED

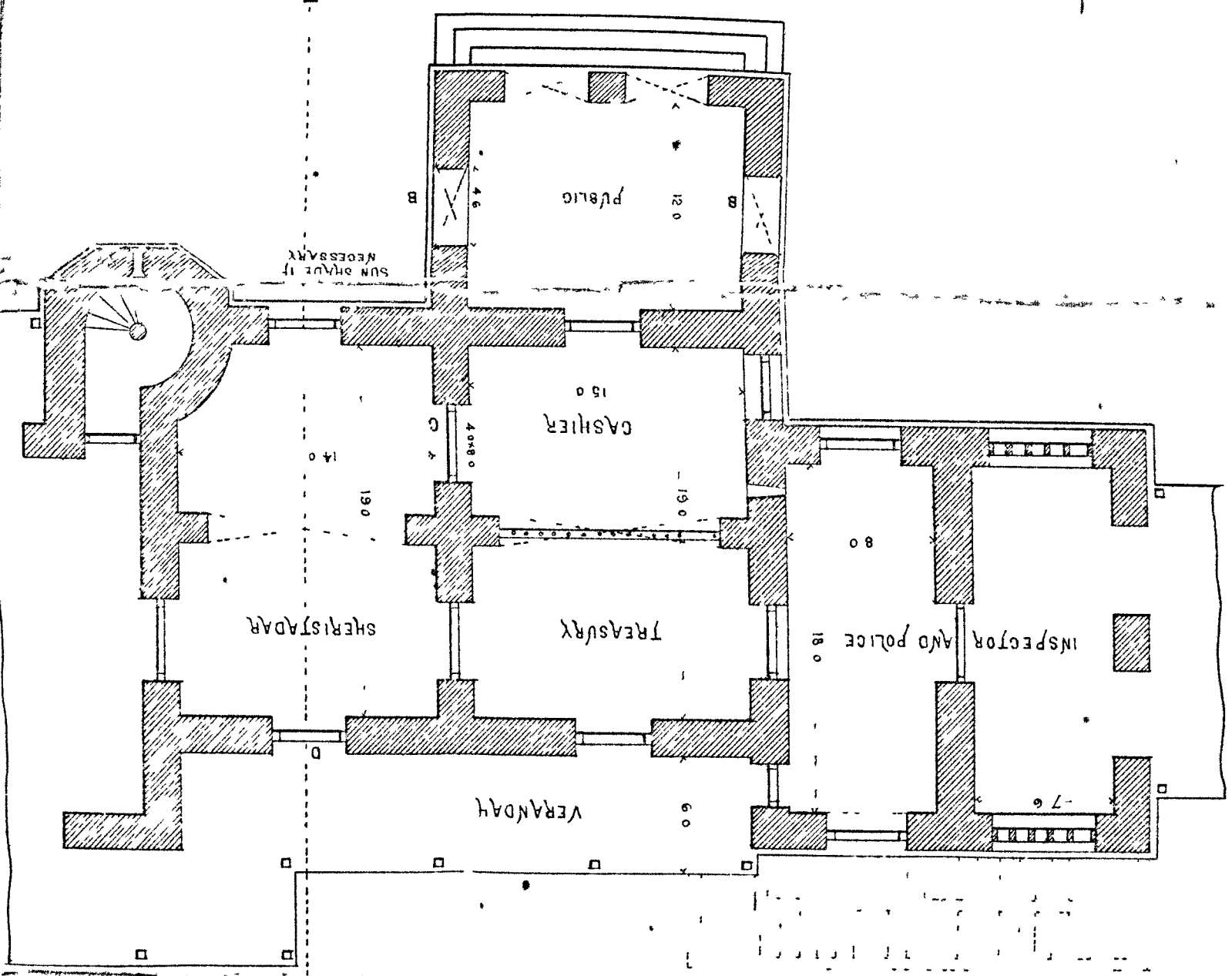


A. THESE WINDOWS TO BE OMITTED IF REGISTRAR'S ROOM IS TO BE BUILT

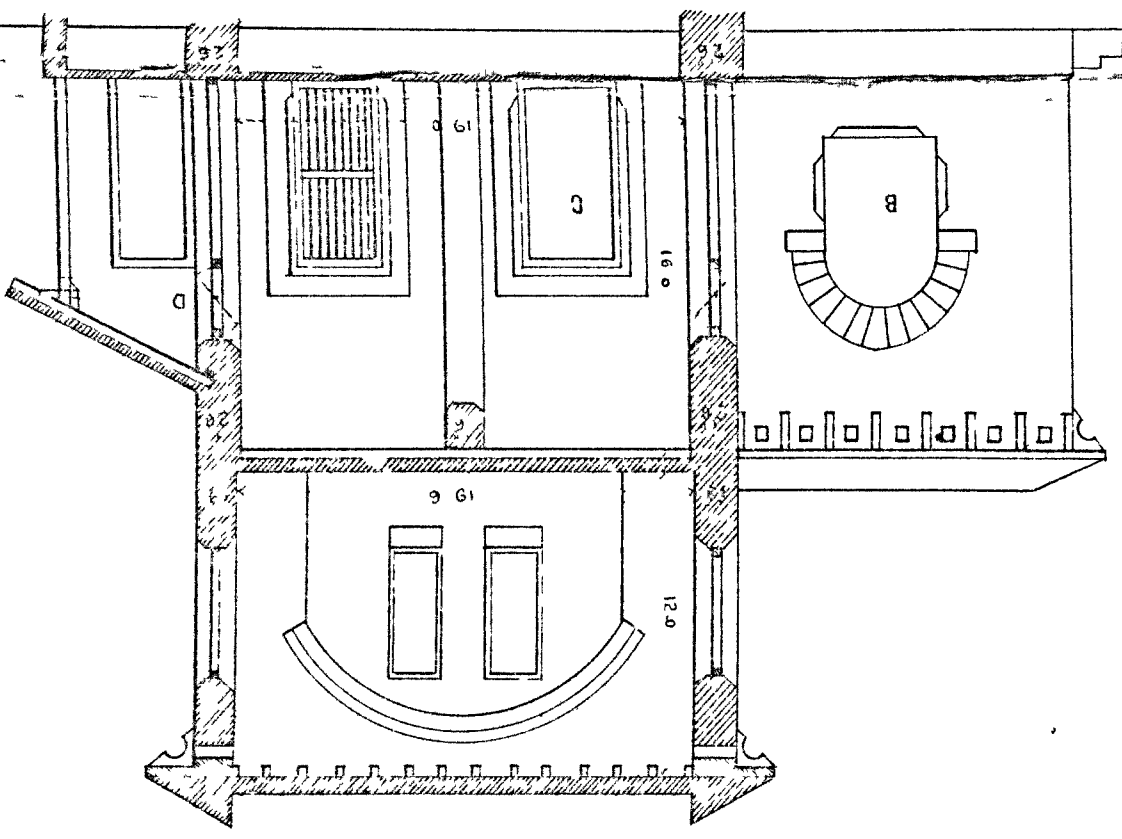
REGISTRAR'S ROOM

RECORD ROOM

UPPER PLAN

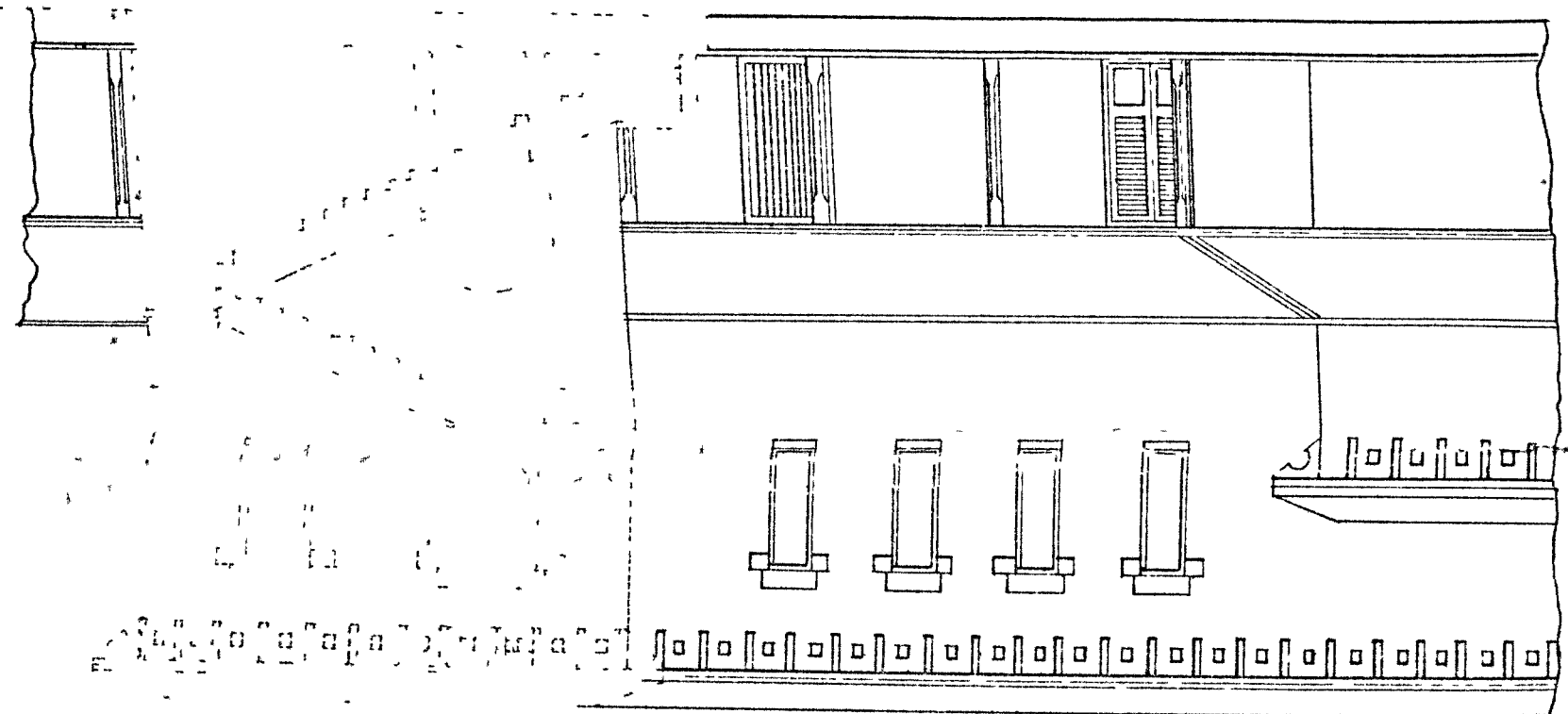


GROUND PLAN

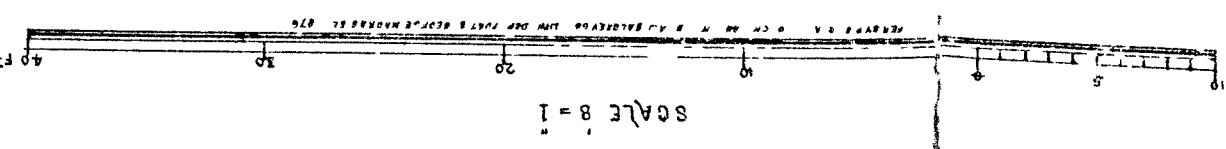


SECTION I I

BACK ELEVATION



ADDITIONAL OPENINGS
ARCHED OPENINGS AT B B
DOOR AT C
VENTILATOR OVER NOSE AT D



SCALE 8 = 1

(Signed) P. Montgomerie Mayor R. E.
CIVIL CONSULTING ARCHT. TO GOVT.

W. J. Jackson
CIVIL UNDER-SECRETARY TO GOVT. P. W. D.

Govt. Public Works Dept. Fort St. George
Madras Sept. 1876
Supdt. and Manager

Consulting Archt. Office
26th July 1876

EXH. BY J. W. JACKSON

17
Specification of Works to be performed in
constructing a 1st Class Talug Butchery,
according to the alternative Standard
Design for stone walls and terraced Roofing,
dated 14th April 1874.

Excavation

After the centre lines of the walls have
been pegged out and the breadth of the
foundations laid out, excavate the founda-
tions to the full depth.

The depth at which the building is to be
founded will be determined by the Officer
in charge of the works. The Estimate provides
5 feet for the main building and 4 feet for
verandahs, which will be ample, unless the
soil is very bad.

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 the Concrete, in 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.

Masonry

Foundations—On the completion of the Concrete,
the centre lines will be carefully laid out, and
the

the footing courses will be carried up in steps, 6 inches high, with 3 inch offsets on either side.

Basement- The basement for the main building will be $2\frac{1}{2}$ ft thick, and 1 foot for verandahs. The upper course will be splayed moulded as shown on Plan.

Superstructure- The walling will be carried up 2 ft thick. The exterior walls of the upper story will be $1\frac{1}{2}$ ft thick, and the Arches and buttresses $1\frac{1}{2}$ ft in thickness, to the various heights marked on the plan. The angles of all openings will be splayed.

Circular Archwork- The Circular Archwork will be $1\frac{1}{2}$ ft in thickness.

Lintels- All doors and windows to have stone Lintels, as shown on Plan.

Teakwood

The Verandah Posts will be tenoned into stone slabs. The angles of all Posts and joints to be splayed, as shown on plan. Joints to be spaced 18 inches, centre to centre.

Doors and Windows

The doors will have raised and screwed panels instead of grooved and tongued, and the edges will be splayed and not moulded. Venetians to be of Ordinary Construction. The Treasury doors and Jail Ventilators to have Iron bars. The Jail door frames will be of wood with battens shutters opening outwards and

and

and Iron barred shutters opening inwards. Vide details for first Class Tally Butcheries dated April 1872, drawing No 3.

Roofing

The main building will be of ~~plain~~ terracing laid in the usual manner. Verandahs and Covered way to be of slope terracing.

Lead flashing- Where a roof joins a wall, proper lead or zinc flashing will be inserted to prevent the joint from leaking.

Flooring

The flooring will be of stone slabs laid truly level and neatly jointed. Jail wards to be asphalted $\frac{3}{4}$ inch thick.

Plastering

The interior will be plastered with one coat of rough cast, and brought to a smooth and level surface.

White washing

White wash all interior jambs and soffits, 9 inches in breadth at sides, and 12 inches at tops of all openings. Color wash all remaining portions.

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.

Painting

All doors and windows, and exposed wood-work will be painted with three coats of Barson's

4.

oak color, and the wood work of the roof with three coats of wood oil.

Exterior Drain

All round the exterior build a 9 inch drain, varying the section of the drain according to the slope of the ground.

Thos. P. McKie
Major R.E.
Offg Comd Archt to Govt.

Sub

Detailed quantities

Description of work	No	L	B	D	contents	Total	
<u>Excavation for foundations</u>							
Court house & outer walls	—	184	05	65	0	5860	
partitions	3	14	65	65	0	1196	
piers & pilasters	7	1	65	05	0	263	
Clarks rooms. front wall	1	29	65	65	0	811	
rear wall	1	40	05	65	0	1100	
partition walls	2	14	65	65	0	798	
piers & pilasters	4	1	65	05	0	160	
		1	13	65	65	0	1046
Tower.							
Sheristadars room. front wall	1	24	65	65	0	674	
rear wall	1	27	65	65	0	756	
partition wall	1	15	65	65	0	426	
end wall	1	31	65	65	0	866	
piers	4	1	65	05	0	160	
Public. front & end walls	—	39	65	65	0	1086	
Inspector & Police. front, rear & end walls	—	63	65	65	0	1471	
partition wall	1	14	65	65	0	399	
Jail. Outer walls	—	182	05	65	0	5005	
partitions	4	11	65	65	0	1265	
Verandahs and Covered way	—	411	94	04	0	6588	
Steps.	1	19	03	01	0	57	
do	2	11	04	01	0	88	
do	2	10	04	01	0	80	
do	3	7	04	01	0	84	

Cubic feet 29,419

Cubic yards 1090

Selling in basement

Court House &c	68 - 0 17 - 61 - 6	1628
Clerks rooms	35 - 0 17 - 61 - 6	919
Sheristadar's & Cashier's room	28 - 0 18 - 61 - 6	777
Public	44 - 6 41 - 61 - 6	250
Inspector and police	14 - 6 17 - 61 - 6	381
Covered way	24 - 9 14 - 61 - 6	538
Jail wards	61 - 6 14 - 61 - 6	1338
Verandahs	361 - 3 4 - 91 - 6	2574

Cubic ft 8405

Cubic yards 312

Concrete

Court house &c	outer walls	134 - 0 5 - 62 - 0	2024
	partitions	3 14 - 6 5 - 62 - 0	479
	piers & pilasters	7 1 - 6 5 - 02 - 0	105
Clerks room	front wall	1 29 - 6 5 - 62 - 0	325
	rear wall	1 40 - 0 5 - 62 - 0	440
	partition walls	2 14 - 6 5 - 62 - 0	319
	piers & pilasters	4 1 - 6 5 - 02 - 0	60
Tower		1 13 - 6 15 - 62 - 0	419
Sheristadar's room	front wall	1 24 - 6 5 - 62 - 0	270
	rear wall	1 27 - 6 5 - 62 - 0	303
	partition wall	1 15 - 6 5 - 62 - 0	171
	end wall	1 31 - 6 5 - 62 - 0	347
	piers	4 1 - 6 5 - 02 - 0	60
Public	front & end walls	— 39 - 6 5 - 62 - 0	435
Inspector & police	front, rear & end walls	— 53 - 6 5 - 62 - 0	589
	partition wall	1 14 - 6 5 - 62 - 0	160
Jail	Outer wall	— 132 - 0 5 - 62 - 0	2012
	partitions	4 11 - 6 5 - 62 - 0	576
Verandahs & Covered way		411 - 9 4 - 0 1 - 0	1647

Cubic ft 10661

Masonry on Foundations

<u>footings</u>			
Court house &c	outer walls	— 134 - 0 3 - 61 - 6	966
	partitions	3 16 - 6 3 - 61 - 6	260
	piers & pilasters	7 1 - 6 3 - 01 - 6	347
Clerks room	front wall	1 31 - 6 3 - 61 - 6	165
	rear wall	1 40 - 0 3 - 61 - 6	210
	partition walls	2 16 - 6 3 - 61 - 6	173
	piers & pilasters	4 1 - 6 3 - 01 - 6	27
		1 11 - 6 13 - 61 - 6	233
Tower			
Sheristadar's room	front wall	1 26 - 6 3 - 61 - 6	139
	rear wall	1 29 - 6 3 - 61 - 6	155
	partition wall	1 17 - 6 3 - 61 - 6	92
	end wall	1 29 - 6 3 - 61 - 6	155
	Piers	4 1 - 6 3 - 01 - 6	27
Public	front & end walls	— 41 - 6 3 - 61 - 6	218
Inspector & police	front, rear & end walls	— 55 - 6 3 - 61 - 6	291
	partition wall	1 16 - 6 3 - 61 - 6	37
Jail	outer walls	— 132 - 0 3 - 61 - 6	956
	partitions	4 13 - 6 3 - 61 - 6	284
Verandahs and Covered way		— 415 - 9 2 - 0 1 - 6	1250

Above footings to ground level

Court house &c	outer walls	— 134 - 0 2 - 61 - 6	690
	partitions	3 17 - 6 2 - 61 - 6	197
	piers & pilasters	7 1 - 6 2 - 01 - 6	32
Clerks room	front wall	1 32 - 6 2 - 61 - 6	122
	rear wall	1 40 - 0 2 - 61 - 6	157
	partition walls	2 17 - 6 2 - 61 - 6	131
	piers & pilasters	4 1 - 6 2 - 01 - 6	18
		1 10 - 6 12 - 61 - 6	197
Tower			
Sheristadar's & Cashier's room	front wall	1 27 - 6 2 - 61 - 6	103
	rear wall	1 30 - 6 2 - 61 - 6	114
	partition wall	1 18 - 6 2 - 61 - 6	69
	end wall	1 28 - 6 2 - 61 - 6	107
	piers	4 1 - 6 2 - 01 - 6	18
Public	front and end walls	— 42 - 6 2 - 61 - 6	159
Inspector & Police	front, rear & end walls	— 56 - 6 2 - 61 - 6	212
	partition wall	1 17 - 6 2 - 61 - 6	66
Jail	outer walls	— 132 - 0 2 - 61 - 6	693
	partitions	4 14 - 6 2 - 61 - 6	218

Carried over left 9021

barred over

Brought forward 4661 33701

Large Archways in Bashiers room

sq ft portion 1 12 - 01 - 6 10 - 0 180

do do segment 1 32 - 6 area 1 - 6 49

do in Sheristadars room sq portion 1 11 - 01 - 6 10 - 0 165

do do segment 1 30 - 9 area 1 - 6 46

Archways in Public & Inspectors

rooms sq portion 4 4 - 62 - 07 - 0 252

do do semi cir portion 4 7 - 10 area 2 - 0 63

Arched openings sides of Public

(not shown on plan) sills 3 floor floor

sq ft portion 2 4 - 62 - 04 - 0 72

do do semi cir do 2 7 - 10 area 2 - 0 31

Openwork in Police room 2 5 - 62 - 06 - 0 132

Stone lintels as per details 742

Circular Arches as per details 465

6858

Cubic feet 26843

Masonry in upper story

Record room

Outer walls 101 - 01 - 9 12 - 0 2121

Tower

partition wall 1 17 - 61 - 6 12 - 0 361

26 - 02 - 0 14 - 0 728

3249

Deductions

Door entrance from Tower sq portion

1 3 - 02 - 06 - 6 39

do

semi cir do 1 3 - 6 area 2 - 0 7

Windows

Large arch

sq ft portion 12 2 - 01 - 9 5 - 0 218

do

segment 1 13 - 01 - 6 6 - 6 127

Stone lintels

segment 1 27 - 5 area 1 - 6 63

Circular Archwork as per details 62

3249

Cubic feet 2651

Brick work with Terrace bricks:

Cupola

26 - 02 - 03 - 6 182

Sphere

 $\frac{10^3 \times 0.5236}{2} = 262$

444

Deductions

Sphere

 $\frac{6^3 \times 0.5236}{2} = 57$

Cubic ft 387

Stone lintels over doors & windows

Over doors

38 6 - 02 - 00 - 9 842

do

1 5 - 02 - 00 - 9 8

do

1 4 - 62 - 00 - 9 7

do

1 5 - 04 - 00 - 9 15

Over windows

2 5 - 62 - 00 - 9 17

Upper lights

2 8 - 02 - 00 - 9 24

do

1 6 6 - 02 - 00 - 9 144

Ventilators

1 8 6 - 02 - 00 - 9 162

Over openwork in Police room

2 7 - 62 - 00 - 9 23

Upper story

12 4 - 01 - 90 - 9 62

windows

Cubic ft 806

Circular Archwork

Large Archways

3 26 - 01 - 61 - 6 176

do

1 15 - 02 - 01 - 6 45

do in Bashiers room

1 16 - 61 - 61 - 6 37

do Sheristadars room

1 16 - 01 - 61 - 6 36

Archways in Public & Inspectors room

6 9 - 62 - 01 - 6 171

Upper story

1 18 - 01 - 61 - 6 41

Large archway

1 7 - 02 - 01 - 6 21

Archway in Tower

Cubic ft 527

Stone slabs over steps

58 - 01 - 30 - 3 18

steps to Public

Carried over 18

	Brought forward bft	13
Steps to Court house &c	2 32 - 01 - 30 - 3	20
Do to Covered way	2 28 - 01 - 30 - 3	18
Do to Clerk's room &c	3 16 - 01 - 30 - 3	16
	<u>Cubic ft</u>	<u>71</u>

Displaying the top course of basement
sides of doors &c 3 inches 2768 Lineal ft

Teakwood wrought and put up

Court house &c	Joists	13 72 - 00 - 40 - 6	156
Clerk's room	do	13 40 - 00 - 40 - 6	87
Sheristadar & Bashier's room	do	21 21 - 00 - 40 - 6	74
Public		11 14 - 00 - 40 - 6	26
Inspector's and police		13 19 - 60 - 30 - 5	26
Jail wards	Joists	48 18 - 10 - 40 - 8	192
Covered way	Rafters	38 10 - 60 - 30 - 4 1/2	37
	Collar pieces	18 9 - 00 - 30 - 4 1/2	15
	Posts	8 8 - 60 - 60 - 6	17
Verandahs	Breastsummers	2 26 - 00 - 60 - 6	13
	Posts	47 8 - 60 - 60 - 6	100
	Breastsummers	4 12 - 00 - 60 - 6	103
	Rafters	256 10 - 00 - 30 - 4	213
	hip rafters	12 12 - 60 - 30 - 5	16
	Wall plates	341 - 00 - 30 - 3	21
Small uprights for securing rafters			
do to breastsummers		250 1 - 00 - 30 - 4	21
do side pieces		500 1 - 30 - 20 - 1 1/2	13
Caves board all round		423 - 00 - 7 1/2 - 6	13
Upper story			
Record room	Joists	14 34 - 60 - 40 - 9	121
	<u>Cubic feet</u>	<u>1264</u>	

Doors 1/2 panel and 2/3 venetians
including frames &c Complete

	25 4 - 0	8 - 0	800
Do with ventilator above	2 4 - 0	10 - 0	80
	1 3 - 0	8 - 0	24
	1 2 - 6	8 - 0	20

Suplft 924

Batten doors with iron bars and
frames complete

for Treasury	3 4 - 0	8 - 0	96 <u>Suplft</u>
--------------	---------	-------	------------------

Batten door for tower

1 3 - 0 24 Sft

Iron doors with wooden frames, shutters
for jail wards

	8 - 0	206 <u>Suplft</u>
--	-------	-------------------

Ventilators with iron bars
for jail

	2 - 0	144 <u>Sft</u>
--	-------	----------------

Windows with frames

Post office & Bashier's room	2 3 - 6	5 - 0	35
Record room	12 2 - 0	5 - 0	120

Suplft 156

Upper lights

12.0	4.0	48
16.4.0	4.0	256
<u>Suplft</u>		<u>304</u>

Iron barred partition for Treasury with door complete• Large portion Segment

12.0	10.0	120
32.6 area		326
<u>Suplft</u>		<u>1026</u>

Painting doors and windows and exposed wood work with 3 coats of Garsons oak color.

Doors	panel portion	2x 25 4.0	2.0	633
do	Venetians	3x 25 4.0	5.4	600
do	panel portion	2x 2 4.0	4.8	75
do	Venetians	3x 2 4.0	5.4	138
do	panel portion	2x 1 3.0	2.8	16
do	Venetians	3x 1 3.0	5.4	49
do	panel portion	2x 1 2.6	2.8	13
do	Venetians	3x 1 2.6	5.4	40
Batten door with iron bars		3x 3 4.0	8.0	259
Batten door		2x 1 3.0	8.0	48
Jail doors		4x 8 4.0	8.0	128
do Ventilators		2x 18 4.0	2.0	288
Venetian windows		3x 2 3.6	5.0	105
do		3x 12 2.0	5.0	360
Upper lights		2x 2 6.0	4.0	96
do		2x 16 4.0	4.0	512

Carried over 5174

Barred partition.Verandah posts
Gables boarding

2 12.0	10.0	240
2 32.6 area		65
55 2.0	8.3	908
423.0	7.0	423
<u>Suplft</u>		<u>6810</u>

Squares 68.10Wood-oring 3 coats

Joists

do

do

do

do

do

Rafters

Ballar pieces

Breastsummers

Rafters

hip rafters

uprights

Side pieces

Upper story

Joists

13 61.0	1.4	1057
13 34.6	1.4	598
21 17.6	1.4	490
11 12.0	1.4	176
13 15.6	1.1	218
48 15.0	1.8	1200
38 10.6	1.0	399
18 9.0	1.0	162
423.0	1.6	635
256 10.0	0.11	2347
12 12.6	1.1	163
250 1.0	0.11	229
500 1.3	0.6	313
14 30.0	1.10	770

Suplft 2767Squares 27.57Openwork for sides of Police roomsTerracing
Court house &c

2 5.6	6.0	66
-------	-----	----

72.0	20.0	1440
------	------	------

Carried over 1440

Brought forward Suplft 1440			
1. 1/2" boards	10.0	20.0	800
Sheristadars and Bashers	33.0	21.0	693
Public	14.0	17.0	238
Police and Inspectors	17.0	21.0	357
Jail ward	74.0	17.0	1258
Record room	33.0	21.0	723

Suplft 5539

Squares 5539

Slope terrace

Covered way	27.0	21.0	657
Verandahs	268.0	7.0	3276

Suplft 4063

Squares 4063

Lean flushing 18" broad

Verandahs	1 357.0	357
Covered way	1 21.0	21

Suplft 378

Flooring with stone slabs

Court house & Clerk's rooms	61.0	18.0	1098
Sheristadar and Bashers	34.0	18.0	612
Public	27.0	17.0	598
Inspector and Police	12.0	15.0	180
Covered way	16.0	10.0	279
Verandahs all round	16.0	24.0	384
Large archway	268.0	6.0	2208
do	15.0	1.0	63
do	1.0	2.0	6

Carried over Suplft 5362

Brought forward Suplft 5362 ²⁵/₁

Large Archway	1 11.0	1.0	17
do	1 12.0	1.0	18
Public and Police room Archway	4 4.0	2.0	36
Doors	28 4.0	2.0	224
do	1 3.0	2.0	6
do	1 3.0	4.0	12
do	1 2.0	2.0	5

Suplft 5680

Squares 5680

Flooring with Asphaltic 3/4 inch thick

Jail wards	64.0	15.0	960
Door pieces	8 4.0	2.0	64

Suplft 1024

Squares 1024

Pointing exterior

Court house & Clerk's rooms	267.0	20.0	5140
Sheristadars & Bashers rooms	165.0	16.0	2640
Jail wards	190.0	18.0	3420
Record room	104.0	12.0	1248
Tower	22.0	32.0	704
Sides of steps	7 4.0	2.0	63
Basement all round	664.0	2.0	1328
Jambos and soffits of doors	23 20.0	1.0	560
do	1 18.0	1.0	19
do	2 24.0	1.0	48
do	2 24.0	1.0	48
Windows	2 17.0	1.0	34
Record room windows	12 14.0	0.10 1/2	147
Openwork sides	2 23.0	0.6	23
Ventilators	18 12.0	1.0	216
Upper lights	2 20.0	1.0	40
do	16 16.0	1.0	256

Carried over Suplft 15886

Brought forward Suplft 15,886			
Arches	4 21 - 0	2 - 0	168
do	2 19 - 6	2 - 0	78
			16132

Deductions

Doors	28 4 - 0	8 - 0	896
do	2 4 - 0	10 - 0	80
do	1 2 - 6	8 - 0	20
Windows	2 3 - 6	5 - 0	36
Record room windows	12 2 - 0	5 - 0	120
Openwork	2 5 - 6	6 - 0	66
Ventilators for jail	18 4 - 0	2 - 0	144
Upper lights	2 6 - 0	4 - 0	48
do	16 4 - 0	4 - 0	266
Archways sq portion	4 4 - 6	7 - 0	126
do	2 4 - 6	4 - 0	36
do Semi Cir portion	6 7 - 10 area		47
			1874

Suplft 14,258

Squares 142 58

Plastering & washing interior

Court house &c	339 - 0	20 - 0	6760
Clerks rooms	177 - 0	20 - 0	2540
Theristadars & Bashiers rooms	128 - 0	16 - 0	2148
Public	84 - 0	16 - 0	864
Inspectors and Police	103 - 0	16 - 0	1648
Jail wards	278 - 0	18 - 0	3014
Record rooms	129 - 0	12 - 0	1668
Tower	15 - 0	27 - 0	697
do Soffit of dome $6^2 \times 3.1416$	56 - 6 area		57
Jambes & soffits of doors	28 20 - 0	1 - 0	680
do	2 24 - 0	1 - 0	48
do	1 18 - 6	1 - 0	19
do	8 20 - 0	2 - 0	320
do	1 19 - 0	2 - 0	38
do	1 19 - 0	4 - 0	76
Windows	2 17 - 0	1 - 0	34
Record room windows	12 14 - 0	0 - 0	127

Carried over Suplft 23,516

Brought forward Sft 22,516			
Openwork sides	2 23 - 0	0 - 6	23
Ventilators	18 12 - 0	1 - 0	216
Upper lights	2 20 - 0	1 - 0	40
do	16 16 - 0	1 - 0	256
Large Arches sides & soffits	3 36 - 6	1 - 6	164
do	1 32 - 6	2 - 1	65
do	1 34 - 0	1 - 6	51
do	1 35 - 0	1 - 6	53
do upper story	1 17 - 9	2 - 0	36
do do	1 29 - 0	1 - 6	44
			24,464

Deductions

Doors	28 4 - 0	8 - 0	896
do	2x 8 4 - 0	8 - 0	512
do	2 4 - 0	10 - 0	80
do	1 2 - 6	8 - 0	20
do	2x 2 3 - 0	8 - 0	96
do	2 3 - 6	5 - 0	35
Windows	12 2 - 0	5 - 0	120
Record room windows	2 5 - 6	6 - 0	66
Openwork	18 4 - 0	2 - 0	144
Ventilators for jail	2 6 - 0	4 - 0	48
Upper lights	16 4 - 0	4 - 0	256
do	2x 3 15 - 0	6 - 6	586
Large Arches sq portion	2x 3 88 - 4 area		530
do Semi cir portion	2x 1 8 - 0	10 - 0	160
do sq portion	2x 1 25 - 0 area		50
do Semi cir portion	2x 1 25 - 0 area		50
Large Archway in Bashiers room	2x 1 12 - 0	10 - 0	240
do sq portion	2x 1 32 - 6 area		65
do do segment	2x 1 11 - 0	10 - 0	220
do Bashiers room sq portion	2x 1 30 - 9 area		62
do do segment	2x 1 30 - 9 area		62
Archways in Public & Inspectors	4 4 - 6	7 - 0	126
room sq portion	2 4 - 6	4 - 0	36
do	2 4 - 6	4 - 0	36
do Semi cir portion	6 7 - 10 area		47
do	2x 1 13 - 0	6 - 6	169
do upper story sq portion	2x 1 27 - 5 area		65
do segment	2x 1 27 - 5 area		65
do sq portion	2x 1 3 - 0	6 - 6	39

Carried over Suplft 4,657 24,464

Brought forward Suplft 4657 2464
 do. semi-cir portion 2x 13.6 area — 7 4664

Suplft 19800

Squares 198

Fine plastering exterior of cupola

Same $\frac{10^2 + 3 \cdot 1416}{2}$ — 1 31.6 3.6 110
 157.0 area — 157

Suplft 267

Squares 267

Coping including slabs & brackets complete

Over exterior walls — 664 Linear ft

Ornamental cornice & moulding round cupola

32 Linear ft

zinc rain pipes

Court house & clerks rooms	9 22.0	198
Record room	3 32.0	96
do	1 14.0	14
Public & Inspectors room	4 20.0	80
Jail	6 22.0	132

Exterior 9" drain

Linear feet 520

Linear feet 16

Sais for Court room complete 1 in Number

Record racks

8 in Number

Spiral Stairs

33 steps

Finial for Tower

1 in Number

Detailed quantities for Registrars room and Masonry etc.
 according to Plan dated 26th July 1876

Excavation for foundations

Stairs

1 29.07.05.0 1085

Cubic yards 38

Concrete

Stairs

1 29.07.02.0 406 Cubic ft

Masonry in foundations

Stairs footings

1 27.06.61.6 263

above footings to ground level 1 26.06.01.6 234

Cubic feet 497

Masonry in basement

Stairs 1 26.06.02.0 312 cubic ft

Masonry in Superstructure

Stairs from Verandah 1 5.03.91.6 28.
 first flight 1 18.03.06.0 324.
 landing 1 3.06.010.6 189.
 Second flight 1 13.03.013.6 527.
 landing 1 8.06.016.0 768.
 parapet wall 59.60.92.0 89.
 1925.

Deductions

Stairs Cir. Archway sq. portion 1 6.02.08.0 124.
 Semi circular do 1 14.1 area 3.0 42.
 Circular Archwork as per details 60.
 Stone slabs for steps do 21 167.

Cubic feet 1658

Masonry Upper story

Registrars room front rear & end walls 1 22.61.912.0 1213.
 Arched partition 1 18.61.612.0 333.
 1646.

Deductions

Door 1 4.01.98.0 66.
 Windows 1 4.01.95.0 151.
 Archway sq. portion 1 15.01.66.6 146.
 do segment 1 33.9 area 1.6 46.
 Lintels as per details 43.
 Archwork do 43.
 465.

Cubic feet 1181

11/15

Stone lintels over door & windows

Door 1 6.01.90.9 8.
 Windows 6 4.61.90.9 351.

Cubic ft. 431

Circular Archwork

for stairs arch 1 13.33.01.6 60.
 Registrars room arch 1 19.01.61.6 43.

Cubic ft. 103

Stone slabs for steps

33 1.02.60.3 21 cubic ft

Splaying top course of stairs parapet and sides of doors & windows 3 inches 215 Linear ft

Teakwood wrought and put up

Joists 14 19.90.30.5 29 cubic ft

Doors panel & Venetians with frames 1 4.0 — 8.0 32 Suplft

Windows Venetians with frames 6 2.6 — 5.0 75 Suplft

Painting with 3 coats of Barrow's Oak Color

Door panel portion 24.1 4.0 2.8 21

Carried over Sft 21

Brought forward Sft 21
Doors Venetian portion 3x 1 4.0 — 5.1 64
Windows 3x 6 2.6 — 5.1 225
Supt 310
Squares 310

Wood-oring 3 coats

Garage 14 16.3 — 1.1 246 Supt
Squares 246

Terracing 1 19.9 — 19.6 386 Supt
Squares 386

Pointing Exterior

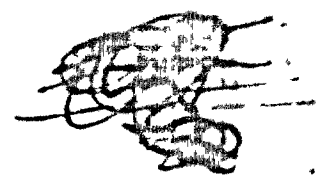
Registrars room 68.0 — 12.0 816
Stairs basement 37.0 — 2.0 74
do above 22.0 — 12.0 264
do 13.6 — 6.0 81
do 6.0 — 12.0 72
do 3.0 — 18.0 54
parapet interior 60.0 — 2.0 120
Supt 1481
Squares 1481

Plastering interior

106.6 — 12.0 1278 Sft
Squares 1278

Coping including slabs and brackets complete 68 Sinalft

Zinc rain pipes 2 14.8 — 28 Sinalft



Abstract

Quantity	Item	Rate	Per Amount	Total
1090	byds Excavation for foundations		byds	
312	Earth filling in basement			
10661	bft Concrete		bft	
9909	Masonry in foundations			
5456	do basement			
26843	do Superstructure			
2651	do Upper story			
387	Brickwork with Terrace bricks			
806	Stone lintels over doors & windows			
527	Circular Archwork			
71	Stone slabs for steps			
2768	Lnft Splaying top Course of basement sides of doors & 3 inches		Lnft	
1264	bft Oakwood wrought & put up		bft	
924	bft Venetian & panel doors with frames complete		bft	
96	Patten doors with Iron bars and wooden frames complete			
24	Patten door with frame do			
256	Iron doors with wooden frames and shutters complete.			
144	Ventilators with Iron bars complete			
168	Venetian windows with frames do			
304	Upper lights complete			
182 1/2	Iron barred partition with door complete for Treasury.			
68.10	sqrs Painting doors & windows and exposed woodwork with 3 coats of Carsons oak color.		sqrs	

134
35
17
186

87.57	sqrs Wood oiling 3 coats	sqrs
66	Supp Openwork with tiles	supp
55.39	sqrs Terracing	sqrs
40.63	- Slope terracing	-
378	Lmft Lead flashing	Lmft
56.80	sqrs Flooring with stone slabs including concrete padding	sqrs
10.24	- Do with asphalt 3/4 inch thick do.	-
142.58	- Painting exterior	-
199	- Plastering one coat & washing interior	-
2.67	- Fine plastering exterior of cupola	-
66 1/2	Lmft Coping including slabs and brackets complete	Lmft
32	- Ornamental cornice and moulding for cupola	-
520	- Zinc rain pipes	-
660	- Exterior ginch drain	-
1	No. Saw for burnt room complete	each
8	- Record racks	-
33	steps Spiral stairs	slip
1	No. Stair for tower	each
	Contingencies at 5 per cent	

Abstract

Registrars room and masonry stairs

38	bys Excavation for foundation	bys
406	bys Concrete	bys
497	bys Masonry in foundations	bys
312	- Do in basement	-

1658	bys Masonry in Superstructure	bys
1181	- Do Upper story	-
43	- Stone lintels over door & windows	-
103	- Circular Archwork	-
21	- Stone slabs for steps	-
215	Lmft Splaying top course of stairs parapet, sides of door and windows 3 inches	Lmft
29	bys Teakwood wrought & put up	bys
32	Supp Venetian & panel door with frame	Lmft
75	- Venetian windows with frames	-
3.10	sqrs Painting door & windows with 3 coats of barsons oak color	sqrs
2.46	- Wood oiling 3 coats	sqrs
3.85	- Terracing	-
14.81	- Painting exterior	-
12.78	- Plastering 1 coat & washing interior	-
68	Lmft Coping including slabs & brackets complete	Lmft
28	- Zinc rain pipes	-
	Contingencies at 5 per cent	

Total Rupees-

Cong Archt's Office
Chepauk 26 July
1876

Inc. B

17/11/76

Ploutymani

Major P.E.
Offg Cong Archt to Govt

Alternative Standard Design
for a
1st Class Taluq Cutcherry
with stone walls and terrace roofing

Specification & detailed
Quantities

Consulting Architects Office.
26th July 1876.

P. W. 508 37/76

No. 556

CONSULTING ARCHITECT'S OFFICE,
Chepauk, 26th July 1876.

From *Offs*
THE CONSULTING ARCHITECT TO GOVERNMENT,

To
THE Secretary to Government
Public Works Department

SIR,

Enclosures
1. Estimate
1. Plans

In compliance with your Memoirs
No 319 dated 20th March 1875 and 508
dated 18th March 1876, I have the honor
to submit a Specification and detailed
quantities for the Alternative design
for 1st Class Taluq Cutcheries, with
stone walls and terrace roofing,
sanctioned in G.O. No 1871 dated 13th
July 1874. These quantities provide
for the additional openings for
lighting and ventilating the
Public and Sheristadars rooms,
according to the proposals
submitted with this Office letter
No 125 dated 14th July 1875.

The

S. 9. 1876 No. 388

55337

No. 388

CONSULTING ARCHITECT'S OFFICE,

Chepauk, 13th March 1876.

From

OFF
THE CONSULTING ARCHITECT TO GOVERNMENT,

To

THE Secretary to Government
Public Works Department

SIR,

Before preparing an Estimate of quantities for the alternative design for 1st Class Talug Butcherries with stone walls and terrace roofing called for in your memo No 319 dated 20th March 1875, I have the honor to request you will be good enough to inform me whether the quantities for the additional room for District Registrar, sanctioned for the Talug Butcherry at Kovilagambla, referred to in your Memo No 62 dated 22nd February 1875 is to be included.

I have the honor to be

Sir,

Your most Obedt Servant

[Signature]
Major R.E.
Offg. Consr Archt. to Government

[Signature]

The quantities for the Registrar room are shown separately.

A plan of the Registrar room and the additional opening is also forwarded.

I have the honor to be

Your most Obedt Servant

[Signature]
Major R.E.
Offg. Consulting Archt.
Chepauk.

-20-5-74. 1340
-13-7-74. 1871.

cc - 16-76
Depo to 16-8-76.

for the alternative design for 1st class Talug Butcherries with stone walls and terrace roofing.

The Secretary to Government (P.W.D.)
The Offg. Consr Archt. to Government

dated 26 July 1876

Received 21st Aug 1876

W. W. 1877 Dec 17

W. W. 388 Dec 17

From

Dec 18 95

The U. S. Army - District
to Government

to

The Secretary to
Government 1877

Dec 17 1877 Dec 17 1877

Dec 17 1877

Regarding preparation
of estimate of quantities
for alternative designs,
of class sailing vessels

FORMER CASES

Current No of 187

"
"
"
" No 508

The quantities should be separately specified and bracketted so that where the additions are not required each will not affect the total quantities of the remainder of the building.

By order

Sd/- Lt Col.

18 March 76 Offg By Chngs

LATER CASES

Current No. of 187

"
"
"

M WORKS FORM No 3

Current No

From Cong architect to Govt

No 388

Dated 13th

Recd 15th

March

1876

Chngs No 508 d/18.3.76

Subject -

Regarding preparation of Estimate of quantities for alterations - two designs 1st class Talang Chintaturris

ENCLOSURES

From

to

"

"

"

"

"

"

Orders and Proceedings in file.

Department	No.	Date	ENDORSEMENTS.		
			Department	No	Dated
PARA	1871	13-7-74	-	120	15-11-75
"	3198	20-3-75	-	111	18-9-75
"	691	11-4-	-	272	23-7-75
"	59	25-6-71	-		
"	77	13-12-	-		
"	1840	20-5-76	-		

No 2204

P. H. Dept 20

Proceedings of the Madras Government

Order date the 21st Aug 76

Read the following

From

The Cong. Architect to Govt

(H.E. No 388 d/15th March 76)

"

" Offg: do do

(" " 556 " 25th July ")

Ordered that the plan be lithographed and the specification and detailed quantities printed for distribution and guidance in continuation of G.O. No. 1871 dated 15th July 1874

[Signature]

Cong. Architect to Govt
District Engineers.
P. H. Dept.

[Signature]

Civ. 18.7.76 P.H. 21-8-76

22-11-93 ✓

1895
5337

Col. of 1870 2nd
PUBLIC WORKS.

To
the Com^r of Public Works

Date

Time

Recd

Loc

G O 21th Sept 1893, No. 22

No. 450/93

Plan of 1st Class Fair
Catchery - The
orders to be lithographed
the specification with
quantities printed for
distribution

[Signature]