C. No. 92

P. W. Secretariat.

Note by Budget Section.

Work

Remarks and References.

Additions and alterations to the New Garrison Hospital at Bangalore.

Fund Imperial Ordinary

Service Head Military ... ... ~~Rs.~~

Departmental Head Original Works

Amount of estimate ... ... R. 2248

Expenditure in previous year ... ... ,, -

Allotment in current year ... ... ,, -

Balance required to complete ... ... ,, 2248

Total Rs... 2,248

Note of available funds.

There are no funds available - The balance (R. 1315) of the R. 17,000 sanctioned will be required for other more emergent works.

C.H.

Budget Clerk.

11/1

Note by Budget Section.

No. 106 of 13th Jany/82.

P.W.D

Memo

Letter from the Suptg. Engr. 5th Circle, No. 622 of 7th Jany/81. forwarding estimate &c amounting to Rs 2248 for additions and alterations to the new Garrison Hospital at Bangalore.

Submitted for the approval of Govt. in the Mily. Deptt.

(By order)
Sd/ R.T.
Ag. Dy. C.E.

Dy C.S.

To The Mily. Deptt., with papers in original (return requested)

Despd 13-1-82-

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM.~~

Current No. 92.

Letter Number 622.

dated the 7th January 1882.

from the Supg. Engineer ~~of~~ 5th Circle.

Note of Remarks.

The Estimate with Plans report & specification for Additions & alterations to the New Garrison Hospital at Bangalore, Amounts to Rs 2248.

The Estimate provides for the following Works.

1- Improvements to Old guard Room	Rs. 85..
2. Drainage, Water Supply & Railings	" 1188..
3- Providing fixtures for Hospl Store rooms Office & Dispensary	" 370..
4- Converting Old Solitary Cells into Servants Godown	" 189..
5- Converting old Bastion near East Gate into a Latrine for the Native Regt	" 116..
Total Rupees	2248..

The Plans & Estimate were prepared on the requisition of the Major Genl Comdg Mysore Dn.

The Rates entered [illegible] agree with the Dist Schedule.

The Plans & Estimate have been approved of by His Excelle the Commander-in-Chief & Countersigned by the 2d Mr. G

10th Jany 1882.

1278/1

Receipt Regr

Enclosure to letter No. 622 dated 7 January 1882 from the Supg. Engr. 5th Cr to Chief Engr. P.W.D.

Memorandum of Requirements to complete Garrison Hospital and Subsidiary buildings with Rough plan.

Building	Work Required
Main Hospital W. Wing	(1) Store room, all windows and the door leading into N Verandah to be provided with iron bars. (2) Some provision for carrying off water which seems to scour down between the N end of the buildings.
Range of Quarters.	(3) A cook room with Chimney (iron) to be built in Verandah of Apothecarys Quarters (Vide rough plan). (4) A partition wall with door in middle to be provided Vide rough plan. (5) The existing door at B, in rough plan, to be removed & built up, the door being placed at A so that the Hospl. Sergt. may have a 3 room in his quarters. (6) Division walls about 2½ ft high to be run out to a distance of 50 feet to separate compounds of Quarters one from another. (7) All windows in main rooms to be converted into Venetian windows.
Old Guard Room.	(8) Room nearest gate to be made a Guard room (floored with stone if possible) the doors shown in Executive Engineers plan leading from this to the centre room to be blocked up. the window on N to be provided with iron bars. and strong doors, to render the Store room secure, to be provided.
Bastion.	(9) To be converted into latrine for Guard
Cells.	(10) No. (1) in rough plan to be converted into a Stable for Senior Apothecary (2) —— Do. —— Godowns for 2 servants for Do. (3) —— Do. —— " —— 2 Hospital Servants.
	(11) Shelves lamp rods designation boards and other fixtures as originally asked for. (12) Water Supply. this was estimated at 800 but as much piping is on hand which is available. (Vide letter from Engrs. attached) this should not cost so much. (13) Improving Site. to this has to be added the provision of some kind of railings to prevent accidents from the ditch of the field work.

Asst. Qr. Mr. Genls. office }
Bangalore 5 October /81 }

(True copy).

(Sd.) D. J. S. McLeod. Major
Asst. Qr. Mr. General. M. D.

Chs Pendergast Coll. R.E.
Superintending Engineer 5 Circle

Enclosure to letter
No. 622 dated 7th
January 1882 from
the Supdg. Engr. 5th Cir.
to Chief Engr. P.W.D.

[illegible] Supplementary [illegible] No. 937 1881/82

No. 136 **of 188/ -82**

Fund.— Imperial Ordinary

Service Head.— Military

Departmental Head.— Original Works

Main Head.— Accommodation for troops (permanent)

Sub-head(*a*).— ~~Buildings for Miscellaneous purposes~~ Hospital Accommodation

Project of which the work forms part(*a*).— New Garrison Hospital at Bangalore

Name of Work.— Additions to New Garrison Hospital at Bangalore

Reference — Memorandum dated 5th October/81 from the Asstt Qter Master General Mysore Dn.

Amounting to Rupees ~~4500~~ 2248 „ „

To be carried out by P. W. Department

No.	Sub-head.	Quantity.	Rate. RS.	Rate. A.	Rate. P.	Per	Amount. RS.	Amount. A.	Amount. P.	Total. RS.	Total. A.	Total. P.
	A Old Guard Room											
1	Cft. of Dismantling	174	×1·56 „	„	3	Cft.	3	„	„			
2	Brick in Chunam Cft.	68	×17·19 „	2	9	„	12	„	„			
3	Plastering 2 coats Sqs.	1·42	×2·31 2	5	„	Sqs.	3	„	„			
4	Iron bars $\frac{3}{4}$" round	4	×1·06 1	1	„	Each	4	„	„			
5	Removing and refixing old arm racks	Lump Sum					2	„	„			
6	Teak planks wrought and put up Cft.	8'-2"-1"'	×3·25 3	4	„	Cft.	27	„	„			
7	Teakwood do „	8'-3"-0"'	×2·75 2	12	„	„	23	„	„			
8	Dismantling for brackets Cft.	8	×1·56 „	„	3	„	2	„	„			
9	Brick in Chunam for do	8	×17·19 „	2	9	„						
10	Plastering 2 coats for do. Sqs.	0·32	×2·31 2	5	„	Sqs.	1	„	„			
11	Screws 1$\frac{3}{4}$" long Doz	6	×·11 „	1	9	Doz	1	„	„			
12	do 1" do do	9	×·06 „	1	„	„	1	„	„			
13	New staple and hasp to Store Room door	1	×·53 „	8	„	Each	1	„	„			
14	Padlock & Key	1	×1 1	„	„	„	1	„	„			
							81	„	„			
	Contingencies						4			85		
	Carried forward ..									85	„	„

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A	P.
	Brought forward ..											
(B)	Medical Subordinates' Quarters.									85	.	.
1	Dismantling Cft	·90	1.50 „	„	3	Cft	1	„	„			
2	Excavation "	2097	5·21 „	„	1	"	11	„	„			
3	Stone in Chunam "	1690	12.50 „	2	„	"	211	„	„			
4	Brick in Chunam "	2362	17·19 „	2	9	"	406	„	„			
5	Plastering 2 coats Sqrs	27 ~~41·20~~ 40·96	20·83 2·31 2	5	„	Sqr	95	„	„			
6	Bluewashing "	30·88	·16 „	2	7	"	5	„	„			
7	Whitewashing "	08 10·~~32~~	·11 „	1	10	"	1	„	„			
8	Brick in Clay fire Cft	50	12.50 „	2	„	Cft	6	„	„			
9	Teakwood batten doors (3½×6½) }	2	20	„	„	Each	40	„	„			
9a	Flat arch work — Cft	27	„	3	4	Cft	6	„	„			
10	Do Windows (3×3)	1	8	„	„	Each	8	„	„			
11	Sheet Iron for Chimney Sft	24	·62 „	10	„	Sft	15	„	„			
12	Lattice Gates (4×2)	3	6	„	„	Each	18	„	„			
13	Removing & refitting door	1	2	„	„	"	2	„	„			
14	Chocolate color paint 2 coats Sqrs	1·55	3.25 3	4	„	Sqr	5	„	„			
							830	„	„			
	Contingencies						41	„	„	871	„	„
	Drainage, Water supply and Railings.											
1	Stone Catch drain Sqrs	1·56	16	„	„	Sqr	25	„	„			
2	Box drain Covered with stone slabs & Concrete	95	1·34 1	5	5	Rft	127	„	„			
3	Sectioning watering & Ramming	8·16	·50 „	8	„	Sqr	4	„	„			
4	Laying pipes 1½" diameter including Joining Excavation, filling &c Complete	793	1·12 1	2	„	Rft	888 892	„	„			
	Carried forward ..						4 1048	„	„	85 956	„	„

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..						4 1048	„	„	85 956	„	„
5	Stand pipes (Cast-iron) including fitting &c complete	2	28	„	„	Each	56	„	„			
6	Stone paving on 3" Concrete around the Stand pipes	0·72	16	„	„	Sqr	12	„	„			
7	Upright stones (5×1½×⅓) including 2 holes & dressing	87	·62 „	10	„	Each	54	„	„			
8	Jungle wood wrought and put up	105'-10"-7'''	2	„	„	Cft	212	„	„			
9	Tarring 2 Coats Sqr	16·43	1	„	„	Sqr	16	„	„			
10	Fixing upright stones including Concrete &c	87	·25 „	4	„	Each	22	„	„			
11	Screws 2" long Doz	15	·12 „	2	„	Doz	2	„	„			
							18 14~~22~~	„	„			
	Contingencies						70 ~~73~~			88 14~~95~~	„	„
	Providing fixtures for Hospital Store Room, Office and Dispensary											
1	Teakwood wrought and put up Cft	37'-2"-10"	2·75 2	12	„	Cft	102	„	„			
2	Do Do Planks "	43'-11"-8"	3·25 3	4	„	"	142 143	„	„			
3	Screws 2" long Doz	7	·12 „	2	„	Doz	1	„	„			
4	Do 1½" do "	14	·09 „	1	6	"	1	„	„			
5	Do 2" do "	4½	·12 „	2	„	"	1	„	„			
6	Do 1½" do "	17	·09 „	1	6	"	2	„	„			
7	Do 2" do "	2	·12 „	2	„	" }	1	„	„			
8	Do 1½" do "	3	·09 „	1	6	" }						
9	Iron bars ¾" round (7')	12	1·64 1	10	3	Each	20	„	„			
10	Flat Iron bars (4½"×2½"×½")	1	1·06 1	„	„	"	1	„	„			
11	Dismantling wall for brackets	17 16	1.56 „	„	3	100 Cft						
	Carried forward ..						272	„	„	1578 44 2451	„	„

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A	P.
	Brought forward ..						272	o	o	1573 ~~44~~ ~~2451~~	o	o
12	Brick in chunam for brackets Cft	17 16	17·19 o	2	9	Cft	3	o	o			
13	Plastering Sqrs	·66	2	5	o	Sqr	2	o	o			
14	Designation boards (2×1½×1") painted, lettered & fixed up complete	23	3	o	o	Each	69	o	o			
15	Iron rods for hanging lamps	15	·19 o	3	o	"	3	o	o			
16	Iron clamps	18	25 o	4	o	"	5	o	o			
							5 354	o	o			
			Contingencies				17 16	o	o	370	o	o
C	Converting 3 old Solitary Cells into 2 servants Godowns & 1 pony stall											
1	Dismantling Cft	3·21 962	1·56 o	o	3	100 Cft	5 15	o	o			
2	Brick in Chunam "	2·94 817	17·19 o	2	9	"	57 140	o	o			
3	Plastering 2 Coats Sqs	6·87 19·33	2	5	o	Sqr	16 45	o	o			
4	Roofing with teak reepers, flat and pan tiles and Chunam borders	3·32 9·98	18·50 18	8	o	"	61 185	o	o			
5	Cornice (12"×9") Rft	63 ~~201~~	·21 o	3	4	Rft	13 ~~42~~	o	o			
6	Jungle wood wrought and put up Cft	15·43 ~~46·40~~	2	o	o	Cft	31 93	o	o			
7	Bluewashing Sqrs	6·65 ~~22·67~~	·16 o	2	7	Sqr	1 4	o	o			
8	Whitewashing "	6·02 ~~17·97~~	·11 o	1	10	"	1 2	o	o			
9	Chocolate color paint 2 Coats	0·20 0·39	3·25 3	4	o	"	1	o	o			
	Carried forward ..						180 ~~527~~	o	o	1843 ~~44~~ ~~2821~~	o	o

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..						180 ~~527~~	o	o	1843 ~~44~~ ~~2821~~	o	o
10	Repairs to Weather boards		Lump Sum				5	o	o			
11	Carting joists and removing rubbish &c		do				2 ~~5~~	o	o			
12	Removing & refixing door & doors		do				4	o	o			
							541	o	o			
			Contingencies				184 27	o	o	189 ~~568~~	o	o
D	Providing Venetian Windows in lieu of existing battened & barred Windows to Medical Subordinates' Quarters											
1	Windows teak wood venetian with frames, barred, & hinges &c complete (5¾×4)	18	40·25 40	4	o	Each	725	o	o			
2	Dismantling present windows and refixing new windows	18	2	o	o	"	36	o	o			
3	Painting with chocolate color paint 2 coats Sqs	12·42	3·25 3	4	o	Sqr	40	o	o			
							801	o	o			
			Contingencies				40	o	o	841	o	o
E	Converting Old Bastion near East Gate into a Latrine for the Native Guard											
1	Brick in Mud Cft	·81	12·50 o	2	o	100 Cft	10	o	o			
2	Excavation "	·122	5·21 o	o	1	"	1	o	o			
3	Concrete "	5	21·35 o	3	5	100 "	1	o	o			
	Carried forward ..						12	o	o	23 4230 2132	o	o

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A	P.
	Brought forward ..						12	„	„	2132 4230	„	„
4	Stone in Chunam Cft	66	12·50 „	2	„	10.0 Cft	8	„	„			
5	Brick in Chunam "	190	17·19 „	2	9	"	33	„	„			
6	Whitewashing Sqs	3·98	·11 „	1	10	Sqs						
7	Bluewashing "	9·60	·16 „	2	7	"	2	„	„			
8	Plastering 2 coats "	5·61	2·3	5	„	"	13	„	„			
9	Zinc pipe Rft	4	·50 „	8	„	Rft	2	„	„			
10	Urine bucket (teakwood)	1	3	„	„	Each	3	„	„			
11	Asphalting Sqrs	·73	25·50 25	8	„	Sqs	19	„	„			
12	Screens. Jungle wood frames with bamboo tatties (3 x 3½)	3	1	„	„	Each	3	„	„			
13	do do (4 x 4½)	1	2	„	„	"	2	„	„			
14	Teakwood boxes for refuse with iron handles &c	3	2·50	8	„	"	8	„	„			
15	Scraping Sqrs	3·98	·08 „	1	3	Sqs						
16	Dry earth box	1	5	„	„	Each	5	„	„			
							110	„	„			
						Contingencies	6	„	„	116	„	„
	Improving site									151 154	„	„
	Carried forward ..						„	„		2248 4500	„	„

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..									2248 4500	„	„
	Grand Total of this Estimate ..						„	„	„	4500 2248	„	„

18-11-81

~~Rupees Four thousand and five hundred~~

Rs. Four thousand ~~four~~ two hundred & forty eight.

Ex. Engineer's Office
Bangalore. —
21st November /81

A. L. Smith Major R.E.
Ex. Engineer.

Lieut.-Colonel, R.E.,
Executive Engr.
~~Superintendent of Works,~~ Presidency.

CHEPAUK,
~~November~~ 2 December 1881.

Exd. [illegible]
2-12-81.

"Approved to the extent of Rs: 2248". —

By order,

J. T. O'Connell Brig. Genl.
Quarter Master General

APPROVED BY
188 .

Bangalore
17th Decr. 1881

Alexr. Prendergast
Colonel R.E.
Supg. Engineer 5th circle

Exd. [illegible]
17/12/81

Revised supplemental

No. ~~of~~ 136 of 1881-82

16/4802/81

ABSTRACT OF ESTIMATE

FOR

~~Station - Bangalore~~
~~Additions to~~ New Garrison
Hospital at ~~Bangalore~~
Additions to the

2248
518

Amounting to Rs. ~~4500~~ „ „

M. D. 213 of 82

N.B.—The amount and total columns and this page will be completed in ink by the Head Draftsman and Estimator.

~~Revised~~ Supplemental No. 93 of 1881/82

No. 136 **of 1881-82.**

Fund.— Imperial Ordinary
Service Head.— Military
Departmental Head.— Original Works
Main Head.— Accommodation for troops (permanent)
Sub-head(*a*).— Buildings for Miscellaneous purposes Hospital Accommodation
Project of which the work forms part(*a*).— New Garrison Hospital at Bangalore
Name of Work.— Additions to New Garrison Hospital at Bangalore
Reference — Memorandum dated 5th October/81 from the Asst. Quarter Master General Mysore Dn.

Amounting to Rupees ~~4500~~ 2248 „ „
To be carried out by P. W. Department.

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	A Old Guard Room											
1	Dismantling Cft	174	1.56 „	„	3	100 Cft	3	„	„			
2	Brick in Chunam „	0.68	17.19 „	2	9	100 cft „	12	„	„			
3	Plastering 2 coats Sqft	1.42	2.31 2	5	„	Sqft	3	„	„			
4	Iron bars $\frac{3}{4}$" round	4	1.06 1	1	„	Each	4	„	„			
5	Removing & refixing old arm racks	Lump sum					2	„	„			
6	Teak planks wrought and put up Cft	8'-2"-1"'	3.25 3	4	„	Cft	27	„	„			
7	Teakwood Do „	8'-3"-0"	2.75 2	12	„	„	23	„	„			
8	Dismantling for brackets	8	1.56 „	„	3	100 Cft „	„					
9	Brick in Chunam do	8	17.19 „	2	9	„	2	„	„			
10	Plastering 2 coats for do	0.32	2.31 2	5	„	Sqft	1	„	„			
11	Screws 1$\frac{3}{4}$" long Doz	6	.11 „	7	9	Doz	1	„	„			
12	Do 1" do „	9	.06 „	7	„	„	1	„	„			
13	New staple & hasp to Store Room Door	1	.50 „	8	„	Each	1	„	„			
14	Pad lock & Key	1	1	„	„	„	1	„	„			
							81	„	„			

Carried forward .. 81 „ „

No.	Sub-head.	Quantity.	Rate. RS.	Rate. A.	Rate. P.	Per	Amount. RS.	Amount. A.	Amount. P.	Total. RS.	Total. A	Total. P.
	Brought forward ..						81	„	„			
	Contingencies						4	„	„			
										85	„	„
B	Medical Subordinate Quarters.											
1	Dismantling Cft	90	1.56 „	„	3	100 Cft	1	„	„			
2	Excavation "	2097	5.21 „	„	7	1000 Cft	11	„	„			
3	Stone in Chunam "	1690	12.50 „	2	„	„	211	„	„			
4	Brick in Chunam "	2362	17.19 „	2	9	„	406	„	„			
4½	Flat arch work M Do	27	20.83 -	2		„	6	-	-			
5	Plastering 2 Coats Sqr	40.26	2.31 2	5	„	Sqr	95	„	„			
6	Bluewashing "	30.88	.16 „	~~2~~	~~7~~	„	5	„	„			
7	Whitewashing	10.32	.11 „	~~1~~	~~10~~	„	1	„	„			
8	Brick in Clay (fire) Cft	50	12.50 „	~~2~~	„	100 Cft	6	„	„			
9	Teakwood battened doors (3½×6½)	2	20	„	„	Each	40	„	„			
9a	~~Flat archwork Cft~~	~~27~~	„	~~3~~	~~4~~	~~Cft~~	~~6~~	„	„			
10	Do Windows (3×3)	1	8	„	„	Each	8	„	„			
11	Sheet iron for chimney Sft	24	.62 „	10	„	Sft	15	„	„			
12	Lattice Gates (4×2)	3	6	„	„	Each	18	„	„			
13	Removing & refitting door	1	2	„	„	„	2	„	„			
14	Chocolate color paint 2 coats Sqr	1.55	3.25 3	4	„	Sqr	5	„	„			
							830	„	„			
	Contingencies						41	„	„			
										871	„	„
	Drainage, water supply and Railings											
1	Stone Catch drain Sqr	1.56	16	„	„	Sqr	25	„	„			
2	Box drain covered with stone slabs & Concrete	95	1.34 1	5	5	Rft	127	„	„			
3	Sectioning gravelling watering & tamping Sqr	8.16	.50 „	8	„	Sqr	4	„				
	Carried forward ..						156	„	„	85 956	„	„

No.	Sub-head.	Quantity.	Rate. RS.	Rate. A.	Rate. P.	Per	Amount. RS.	Amount. A.	Amount. P.	Total. RS.	Total. A.	Total. P.
	Brought forward ..						156	„	„	85 956	„	„
4	Laying pipes 1½" diameter including joining excavation, filling &c complete	793	1.12 1	2	„	Rft	888 ~~892~~	„	„			
5	Stand pipes (Cast iron) including fitting &c complete	2	28	„	„	Each	56	„	„			
6	Stone paving on 3" Concrete around the stand pipes	0.72	16	„	„	Sqr	12	„	„			
7	Upright stones (5×1½×⅓) including 2 holes & dressing	87	.62 „	10	„	Each	54	„	„			
8	Jungle wood wrought and put up	105'-10"-7"'	2	„	„	Cft	212	„	„			
9	Tarring 2 Coats Sqr	16.43	1	„	„	Sqr	16	„	„			
10	Fixing Upright stones including Concrete &c	87	.25 „	4	„	Each	22	„	„			
11	Screws 2" long Doz	15	.12 „	2	„	Doz	2	„	„			
							18 1422	„	„			
	Contingencies						70 73	„	„			
										88 1495	„	„
	Providing fixtures for Hospital store Room, Office & Dispensary											
1	Teakwood wrought and put up Cft	37'-2"-10"'	2.75 2	12	„	Cft	102	„	„			
2	Do Planks do "	8-9 43-11-8	3.25 3	4	„	„	2 143	„	„			
3	Screws 2" long Doz	7	.12 „	2	„	Doz	1	„	„			
4	do 1½" do "	14	.09 „	1	6	„	1	„	„			
5	do 2" do "	4½	.12 „	2	„	„	1	„	„			
6	do 1½" do "	17	.09 „	1	6	„	2	„	„			
7	do 2" do "	2	.12 „	2	„	„						
8	do 1½ do "	3	.09 „	1	6	„	1	„	„			
	Carried forward ..						0 251	„	„	44 ~~2451~~ 1573	„	„

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..						0 251	..	..	1573 44 ~~2456~~	..	..
9	Iron bars 3/4" round (7)	12	1.64 ~~1~~	10	3	Each	20	..	..			
10	Flat Iron bar (4'½ x 2"½ x ½")	1	1·06 ~~1~~	..		„	1	..	..			
11	Dismantling wall for brackets — cft	16	1.56 ..	..	3	100 cft						
12	Brick in chunam for do	17 16	17.19 ..	2	9	„	3	..	..			
13	Plastering Sqrs	·66	2	5	..	Sqr	2	..	..			
14	Designation boards (2'x1½'x1") painted, lettered, & fixed up Complete	23	3	..	..	Each	69	..	..			
15	Iron rods for hanging lamps	15	·19 ..	3	..	„	3	..	..			
16	Iron Clamps	18	·25 ..	4	..	„	5	..	..			
							3 354	..	..			
			Contingencies				17 16	..	..			
										370	..	..
C	Converting 3 old Solitary Cells into 2 Servant's Godowns & 1 Pony Stable											
1	Dismantling cft	3.21 ~~962~~	1.56 ..	..	3	100 cft	5 ~~15~~	..	..			
2	Brick in Chunam „	2.94 ~~817~~	17.19 ..	2	9	„	51 ~~140~~	..	..			
3	Plastering 2 coats Sqrs	6.67 ~~19.33~~	2.31 ~~2~~	~~5~~	..	Sqr	16 ~~45~~	..	..			
4	Roofing with teak, rafters flat & pan tiles and Chunam borders	3.32 ~~9.98~~	18.50 ~~18~~	~~8~~	..	„	61 ~~185~~	..	..			
5	Cornice (12"x9") Rft	63 ~~201~~	·21 ..	3	4	Rft	18 ~~42~~	..	..			
6	Jungle wood wrought and put up — cft	15.43 ~~46.4.10~~	2	..	..	cft	31 ~~93~~	..	..			
	Carried forward ..						177 ~~520~~	..	..	14 ~~2821~~ 1943	..	..

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..						177 ~~520~~	..	..	1943 14 ~~2821~~	..	..
7	Bluewashing Sqrs	6.65 ~~22.67~~	·16 ..	2	7	Sqr	1 ~~4~~	..	..			
8	Whitewashing „	6.02 ~~17.97~~	·11 ..	1	10	„	1 ~~2~~	..	..			
9	Chocolate color paint 2 Coats	0.20 ~~0.39~~	3.25 3	4	..	„	1	..	..			
10	Repairs to Weatherboard	Lump sum					1 ~~5~~	..	..			
11	Carting joists & removing rubbish &c		do				2 ~~5~~	..	..			
12	Removing & refixing ~~doors~~ doors &c		do				1 ~~4~~	..	..			
							184 ~~541~~	..	..			
			Contingencies				5 ~~27~~	..	..			
										189 ~~568~~	..	..
D	~~Providing Venetian Windows in lieu of existing battened & barred windows to Medical Subordinates' Quarters.~~											
1	~~Windows teak wood venetian with frames barred and hinges &c complete (5¾ x 4)~~	~~18~~	40.25 ~~40~~	~~4~~	~~..~~	~~Each~~	~~725~~	~~..~~	~~..~~			
2	~~Dismantling present windows and refixing new windows~~	~~18~~	~~2~~	~~..~~	~~..~~	~~„~~	~~36~~	~~..~~	~~..~~			
3	~~Chocolate color paint 2 coats~~	~~12.42~~	3.25 ~~3~~	~~4~~	~~..~~	~~Sqr~~	~~40~~	~~..~~	~~..~~			
							~~801~~	~~..~~	~~..~~			
			~~Contingencies~~				~~40~~	~~..~~	~~..~~			
										~~841~~	~~..~~	~~..~~
										2132		
	Carried forward ..									23 ~~4230~~	..	..

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A	P.
	Brought forward ..									2132 ~~4230~~	„	„
E	Converting old Bastion near East Gate into a Latrine for the Native Guard.											
1	Brick in Mud Cft	·81	12.50 „	2	„	100 Cft	10	„	„			
2	Excavation „	122	5.21 „	„	7	1000 „	1	„	„			
3	Concrete „	5	21.35 „	3	5	1000 „	1	„	„			
4	Stone in Chunam „	66	12.50 „	2	„	„	8	„	„			
5	Brick in Chunam „	190	17.19 „	2	9	„	33	„	„			
6	Sqrs of Whitewashing	3·98	·11 „	1	10	Sqr						
7	„ Bluewashing	9·60	·16 „	2	7	„	2	„	„			
8	Plastering 2 coats Sqr	5·61	2·31 2	5	„	„	13	„	„			
9	Zinc pipe Rft	4	·50 „	8	„	Rft	2	„	„			
10	Urine bucket teakwood	1	3	„	„	Each	3	„	„			
11	Asphalting Sqrs	·73	25·50 25	8	„	Sqr	19	„	„			
12	Screens Jungle wood frames with bamboo taties (3×3½)	3	1	„	„	Each	3	„	„			
13	do do (4×4½)	1	2	„	„	„	2	„	„			
14	Teakwood boxes for refuse with iron handles &c	3	2·50 2	8	„	„	8	„	„			
15	Scraping Sqr	3·98	·08 „	1	3	Sqr						
16	Dry earth box	1	5	„	„	Each	5	„	„			
							110	„	„			
	Contingencies						6	„	„			
										116	„	„
	Improving site									154	„	„
	Carried forward ..						„	.	.	~~4500~~ 2248	.	.

No.	Sub-head.	Quantity.	Rate. RS.	A.	P.	Per	Amount. RS.	A.	P.	Total. RS.	A.	P.
	Brought forward ..									~~4500~~ 2248	„	„
	Grand Total of this Estimate ..									~~4500~~ 2248	„	„

18-11-81

~~Rupees Four thousand and five hundred only~~
Rs. Two thousand two hundred & forty eight

Exe. Engineer's Office
Bangalore.—
21st November/81

A Smith Major R.E.
Exe. Engineer.

W H Burton

CHEPAUK,
2d ~~November~~ December 1881.

Lieut.-Colonel, R.E.,
Ex: Engr. ~~Superintendent of Works~~, Presidency.

Exd.
2-12-81.

"Approved to the extent of Rs: 2248".—

By order,

Bangalore
17 Decr: 1881

J. T. O'Connell Brigr. Genl.
Quarter Master General

APPROVED BY
188 .

Exd.
22/12/81

Colonel R.E.

Supg. Engineer 5th Circle—

No. 136 of 1881-82.

15/4862/81

ABSTRACT OF ESTIMATE

FOR

Station - ~~Bangalore~~ -
~~Additions to New~~
Garrison ~~Hospital at~~
~~Bangalore.~~
Additions to the ——

Amounting to Rs. ~~4500~~ 2248 —— ₒ

B/fwd [illegible] 5/4/518

M.D. 213 of 82

N.B.—The amount and total columns and this page will be completed in ink by the Head Draftsman and Estimator.

No. 93 of 1881/82

D [illegible] 85/82

1

17.

Report to accompany the Estimate amounting to Rs. ~~4500~~ 2248 for additions to the New Garrison Hospital at Bangalore.

The necessity for the additions provided for in the Estimate were decided on by the Major General Commanding the Station in consultation with the Executive Engineer and the Medical Officers.

Guard Room. It is proposed to retain the South room of the building for the Guard and the remainder to be taken for the Purveyor's Store Room, the windows of which will be provided with iron bars. The walls dividing the Verandah and West wall enclosing the South end of it to be removed (as per* plan) to form a walk for the Sentry in wet weather. A new Bressummer of teak wood to support the roof in lieu of west wall removed to be provided. The opening at south end of the Verandah to be blocked up. The old arm racks to be removed from the room which will become the Purveyor's to the

*see A on plan of Subordinates Quarters (tracing) room set apart for the Guard Shelves of teakwood to be provided as per Estimate to the Purveyor's Store Room.

~~Ass^t Apothecary's Quarters The alterations to Buildings into apothecary's Quarters did not provide for a cook house. It has been decided to build one× in the Verandah as per plan herewith and to make the large room into 2×× rooms. The door ‖ in South wall to be removed to the next wall in Hospital Serg^ts Quarters so as to give them 3 rooms and the bath room~~

× vide B on plan of Quarters
×× vide B₁ idem
‖ vide B₁₁

~~Compound Wall to Medical Subordinates' Qrs. – Wall and gates (as per plan) to be provided~~

vide B₁₁₁ idem

Drains – A. ~~W~~ Box Stone drain to be provided between the Officers' Ward and Surgery leading to a main box drain to carry the water clear of the building. These drains to be backed with concrete and the joints pointed with a lime putty.

vide E F G on plan of Hospital

Providing Water – New pipes (as per estimate) will be × laid down from the tank Cock in the Bakery Square adjoining to the South side of the Hospital Cook house where there will be a stand pipe fixed also a branch pipe to front of the proposed Compound wall of Medical Subordinates' Quarters where another ✻ Stand pipe will be erected. This work to be carried out by the Machanical Engineer of the Water works –

× Vide H L on plan of Quarters & Hospital
✻ Vide M as above

Railing – To divide the Hospital Compound from the Garrison School of Instruction Compound a railing to be provided on South and West side of the existing deep trench of Field fortifications Stone uprights 5' long (1½ in ground and 3½ above) to be fixed in concrete Rails to be of Jungle wood and tarred as per Estimate

Hospital of office, dispensary & Store room – Shelves of Teak wood as per Estimate to be provided for office, Dispensary and standing Racks for the store room. not being included in former Estimate

Old Solitary Cells - These There are 3 buildings on east side of Hospital Compound, One of them is ~~are~~ proposed to be altered for Stable ~~and (2)~~ a Servants' Godown. Alterations to be same as those carried out to similar buildings on the west side for the Garrison School of Instruction. Present Terraced roof and decayed joists to be dismantled and pent roofs of Jungle wood couples, teak wood reepers flat and pantiles and chunam borders to be Substituted

vide CCC on Quarters plan

~~Windows of Medical Subordinates' Qrs. Present batten windows iron barred are to be removed (the wood and iron of which are very old and much decayed, and new venetian windows with new frames and iron bars are to be substituted Wood work to be of teak wood and painted with 2 coats of chocolate colour paint. Iron bars to be tarred~~

DDD

Old Bastion at East gate of Hospital Compound

To be converted into a latrine as per plan Estimate accompanying

Fixtures for the New Garrison Hospital Shelves of teak wood as per Estimate to be provided not being included in the former Estimate

Wall between Office and Surgery and wall in Verandah between Officer's room and adjoining wall to be removed. To be carried out from "Contingencies" as the Requisition for this was received after the Estimate was prepared

Designation Boards" To be of Teak wood painted black and lettered white with 2 battens of wood and iron fixings attached To be lettered "Ward No. _ Supl. area Sft. or Surgery &c.

Cubical Space Cft
No. of Patients
According to the General Order

Bangalore
31st October 1881

J. Smith
Supervisor D.P.W.

M.S 213/82

Endt No 10426

No 73 of 1881/82

Specification to accompany the Estimate amounting to Rs. ~~4500~~ 2248 for Additions to New Garrison Hospital at Bangalore

Dismantling - The brick work of the 2 cross walls of the Old Guard Room is to be dismantled to the floor level. Whole bricks to be collected in heaps and rubbish to be carted away

Stone in chunam - Stones to be hard durable and tough to be laid in 5 courses with stones 6" thick and each stone to contain not less than 1/3 of C ft. Mortar to consist of one of fresh unslaked lime to 3 of sand. Stones to be set flush in the mortar, headers and stretchers alternately (at least one header to 3 Stretchers. The former projecting at least 5" beyond the latter. The interstices to be well packed with sound stone chips

Brick in chunam Brick to be 3rd class of one size sound and well burnt and the mortar to be composed of one of fresh unslaked lime to 3 of sand. No bats to be used except where absolutely necessary for bond and the joint not to

exceed

exceed 1/3 of an inch in thickness

Plastering — for the 1st coat to consist of 1 of unslaked lime to 3 of sand 2nd coat 1 to 2. The work to be carried out by the Standard Specification No. XIII

Brick in clay — Bricks to be all of one size no bats to be used except where necessary for bond. The mud mortar joints shall not be more than 1/3 of an inch. The mortar to consist of well tempered clay free from vegetable matter and having neither too much nor too little mud in its Composition.

Iron bars to doors and windows — as per Estimate to enter the frames at top and bottom 1 inch. To be coated with 2 coats of tar whilst hot

Teak wood — to be of sound well seasoned teak free from cracks, flaws &c and not to be placed in position till passed by the Ex: Engineer or by one appointed by him.

Earth work — The foundation trenches to be taken down to the depths shown in the Estimate and plan and to be of same breadth as the Concrete bed below foundation. The bottom to be properly levelled and rammed and all superfluous depths to be filled in with concrete and not with earth. The masonry not to be commenced

until

until the work has been examined by the Ex: Engineer and permission to do so given in writing

Whitewashing — The walls to be cleared down with a good coir before the whitewash is applied. The wash will be composed of the whitest stone lime mixed with water, gum and conjee being added in the proportion of 2 seers of raw rice and 20 pollums of gum per parah of unslaked lime. The wash to be laid on parallel strokes which will be altered in direction in each coat so as to cross one another at right angles. The 2nd coat is not be applied until the first is thoroughly dry.

Blue washing — The color wash to be similar to the whitewash with the addition of 3/8 para of fine Charcoal laid on in a similar manner.

Jungle wood — To be of the scantlings given in Estimate well seasoned free from cracks & flaws and coated with 2 coats of tar

Sheet Iron to be of the dimension given in Estimate & Coated with 2 coats of tar.

Painting — The doors and windows after being fixed to be painted with

2 coats

2 Coats of Carson's anti Carosine chocolate Colour paint mixed in the following proportion. 5 3/4 lbs of paint 2 1/4 bottles of linseed oil 3/8 bottles of boiled linseed oil and 3/8 bottle of Turpentine. The paint to be well mixed and should be prepare-d at least 24 hours before required for use.

Concrete. To consist of 8 of granite jelly 3/4 cube 6 of brick jelly 2 of soorki to 2 of sand and 1 of unslaked lime the course of 3" material to be spread on a clear level surface and the mortar and material mixed and well rammed.

Asphalting - Asphalt to be 3/4" thick laid on 4" concrete prepared as stated above. The concrete to be laid with a slope of 3". The concrete to be then coated with a layer of Asphalte 3/4" thick prepared and laid as directed by the Ex.ve Officer

Roofing - To be of Teak wood reepers 2 1/2" x 1/2". Flat tiles of the best quality will be laid with mortar joints over the reepers. the end of each tile being laid on the centre of the reeper. The 1st course of pan tiles, will be laid in mortar in parallel rows concave side

upwards-

upwards the upper course to have the Concave side downwards and to cover the edges of the adjacent tiles in the lower course. Each tile to overlap the next one endways by 1/2 its length.

Mortar for flat tiles and chunam borders to consist of 1 of fresh unslaked lime to 3 of sand-

Sheet Iron - To be of 1/8" thickness and to be well rivetted together and placed in its place on completion

Gravelling over drains - A layer of 1/2" thick to be spread on the top and to be well watered and rammed.

Designation Boards - Planks to be of teak well seasoned and free from cracks and flaws. Each board to have letters with 2 iron fixings to be painted black and lettered according to the Superficial area and cubical contents as per G.O.

Tarring - The wood work will be well tarred with the best coal tar the wood being first scraped.

Slab Stones - To have a smooth Surface not less than 4" thick with their edges dressed square

and

and then laid. The joints to be well pointed with strong lime.

Water works

Piping to be as per Report attached

All rubbish to be removed and the premises left clean.

Bangalore
31st Octr. /81

J. Smith
Supervisor D.P.W.

M. L. 213/82

No. 283.

Asst. Quarter Master Genl's Office
Bangalore 5th October 1881.

From
The Asst. Quarter Master General
Mysore Division
To
The Executive Engineer
Bangalore.

Sir

Referring to previous correspondence ending with your No. 1033 of 21st September regarding the requirements at the New Garrison Hospital, I am desired by the Major General to forward a Memorandum containing a list of all the works which after visiting the hospital this morning and consulting with the Depy. Surgeon General and yourself, the Major General considers are necessary to complete the Hospital and Subsidiary Buildings.

The Estimate amounting to Rs. 3607 for additions and alterations to the existing buildings to which you refer in your letter above mentioned, had not received the formal approval of the Major Genl. Commanding

Commanding (tho' it has since been Received from the Superintendent of Works) it has not therefore been submitted for Sanction of Government yet.

The Major General accordingly wishes you to be good enough as soon as you can to submit for his approval a fresh estimate for the works named in the Memorandum, in Substitution of that Referred to in the last para, which is herewith Returned — together with the estimate[x] amounting to Rs 1000 for glass windows now not Requisite.

[x] Received with your Memo No 908 dated 16th September 1881.

The Superintendent of Works has been informed of the wishes of the Major General in this matter and when the new Estimate is furnished the Provincial Commander-in-Chief will be asked to Solicit an early allotment of funds from the Government

Government for its execution.

I have the honor &c

(Signed) D. J. McLeod Major
Asst Quarter Master General.
M. Dn.

(True Copy)

[illegible] Lt Coll R.E.

Superintendg Engineer
5th Circle.

Br. Enct² ~~42~~ 578 /12

In. D. 213/82

Enclosure to Letter No. 622 d/ 7 Jany/82 from Supt. Engr. 5th Circle to Chief Engr. P.W.D.

SUPERINTENDING ENGINEER'S OFFICE,
5th Circle
MADRAS,
Chepauk, 7th January 1882.

No. 622.

From
Col. H. L. Prendergast R.E.
~~THE~~ SUPERINTENDING ENGINEER,
5th ~~1st~~ CIRCLE,

To
THE Chief Engineer
P.W.D.

Enclosures. 11
2 Abstt. Estimates.
1 Report.
1 Specification.
5 Plans.
1 Copy of Requisition with
1 List.

SIR,

I have the honor to submit for sanction, Plans and Estimate of Rupees 2248 for additions and alterations to the New Garrison Hospital at Bangalore.

2. The Plans and Estimate of Rs. 4.500 were prepared on the Requisition× of the Major General Commanding the Mysore Division but His Excellency the Commander-in-Chief has reduced the estimate to Rupees 2248, by excluding the improvements proposed to the Medical Subordinates

× Copy enclosed No. 283 dated 5th Oct. 81 with Copy of List.

Subordinates Quarters. On this point the Quarter Master General writes that it is possible that pending "the introduction of the Station Hospital "System for Native Troops, it may not "be considered necessary to go to any "further expense for providing ac= "commodation for Medical Warrant "Officers and Hospital Sergeants "who will, it is understood, not form "part of the personnel of such Hos= pitals."

I have the honor to be
Your Most Sir Obdt. Servt.

Arth. Prendergast Coll. R.E.
Superintendg. Engineer
5th Circle

From

The Superintending Engineer,
5th Circle,

To

The Chief Engineer, P.W.D.

Dated 7th } January 1881.
Recd.

Enclosures. 11 [illegible]

M. D. 213/82
[illegible]

No. 622 18-1-82

New Garrison Hospital at Bangalore. —

Submits for sanction Plans & estimate of Rs 2248 for additions & alterations to the —

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th January 1882, No. 388.

Military Buildings—Hospitals.

Read the following :—

No. 298. *Letter from the Superintending Engineer, 5th Circle, dated 7th January 1881, No. 622.*

Abstract.—Forwarding estimate, &c., amounting to Rs. 2,248, for additions and alterations to the new Garrison Hospital at Bangalore.

No. 106.

Submitted, for the approval of Government in the Military Department.

(By Order.)

Chepauk,
13th *January* 1882.

(Signed) ROSS THOMPSON, Lieut.-Col., R.E.,
Ag. Dy. Chief Engineer, P.W.D.

To the Military Department.

No. 299. Order thereon, 24th January 1882, No. 388.

The Right Honorable the Governor in Council considers that, pending the decision of the Government of India on the question of the introduction into this Presidency of the Station Hospital system, the proposed improvements to the Garrison Hospital at Bangalore should be held in abeyance.

Procs. of Govt., No. 5812-A, dated 3rd Nov. 1881.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Government.

To the Public Works Department, all enclosures returned.
„ Quartermaster-General.
„ Adjutant-General, for information.

Exd. A. Raitt.

Govt. of [1882] Madras.

MILITARY.

To

The PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated January, 24th.

Issued

Recd. *Encl.*

G.O., 24th January 1882, No. 388.

JANUARY.
Nos. 298-299.

B. No. 225 W d/ 27 January 1882

Recorded, pending the issue of further orders in the Military Dept

(S.) R.T.

Deferring the proposed improvements to the Garrison Hospital at Bangalore, pending the decision of Government of India on the question of the introduction into the Madras Presidency of the Station Hospital system.

S.E. 5th Circle

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th January 1882, No. 388.

Military Buildings—Hospitals.

Read the following :—

No. 298. *Letter from the Superintending Engineer, 5th Circle, dated 7th January 1881, No. 622.*

?

Abstract.—Forwarding estimate, &c., amounting to Rs. 2,248, for additions and alterations to the new Garrison Hospital at Bangalore.

No. 106.

Submitted, for the approval of Government in the Military Department.

(By Order.)

Chepauk, 13th January 1882. (Signed) ROSS THOMPSON, Lieut.-Col., R.E., *Ag. Dy. Chief Engineer, P.W.D.*

To the Military Department.

No. 299. Order thereon, 24th January 1882, No. 388.

The Right Honorable the Governor in Council considers that, pending the decision of the Government of India on the question of the introduction into this Presidency of the Station Hospital system, the proposed improvements to the Garrison Hospital at Bangalore should be held in abeyance.

+ not comm. Procs. of Govt., No. 5812-A, dated 3rd Nov. 1881.

(True Extract.)

C. Hankin Colonel,
Ag. Secretary to Government.

To the Public Works Department, all enclosures returned. with 10 p/copies
„ Quartermaster-General.
„ Adjutant-General, for information.

Exd. A. Raitt.

P. Be No. 235 Wa/ 27th january/82

Recorded, pending the iſsue of further orders in the Military Dept.

26.1.82

CSNo 106. 13.1.82.

To,
The S.E. 5 Circle. ✓

D.C.W.
27/1/82

D 27/1

Govt. of (1882) Madras.

MILITARY.

To P. W. C. No. 518

THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated January, 24th.

Issued

Recd. 26 Jany: Encl.

G.O., 24th January 1882, No. 383.

E – 12 (5 plans)

10. S.c.

JANUARY.
Nos. 298-299.

Be No. 225 Wa/ 27th January 1882

Deferring the proposed improvements to the Garrison Hospital at Bangalore, pending the decision of Government of India on the question of the introduction into the Madras Presidency of the Station Hospital system.

With order

Entd. in Receipt Regr.

No 136 of 1881/82 No 92 of 1881/82

E

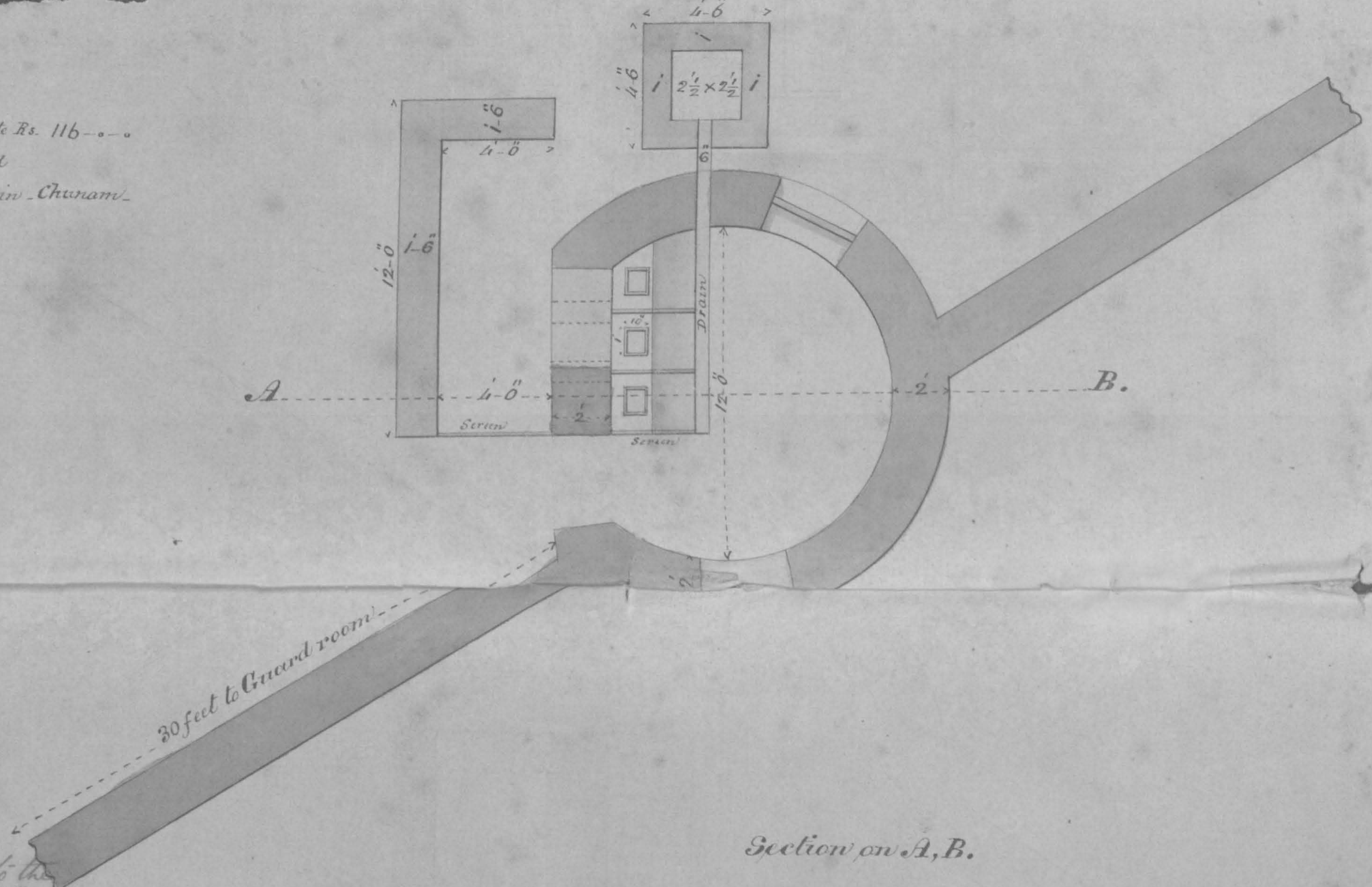
Converting old Bastion into a Latrine for Native Infantry Guard

New Garrison Hospital,

Amount of Estimate Rs. 116-0-0

Nature of Soil- Red

Foundation, Stone in Chunam-



"Approved to the extent of Rs: ~~22,8~~" 116

By order

ST O'Connell

Bangalore

Decr: 1881

Brigr Genl.

Quarter Master Genl.

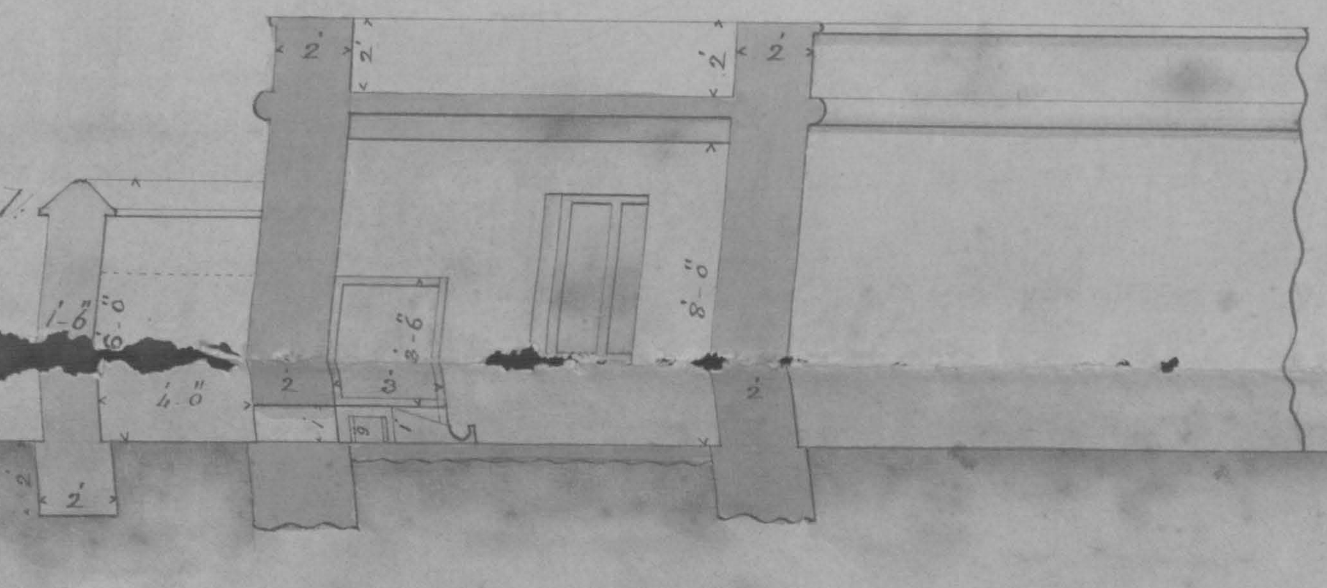
Approved

By order

DJS McLeod Major

Asstt Qr Mr Gl Mysore Dn

Section on A,B.



Surgeon Major

Garrison Surgeon Mysore Dn

Scale 5 feet to 1 inch-

feet 10 5 0 10 20 feet

Camp Bangalore

17th September 1881

F. Romilly

Lieutt. R. E.

Assistt Engineer-

Assistt Engineers Office

Bangalore

17th August 1881

17-8-81-

W. H. Burton

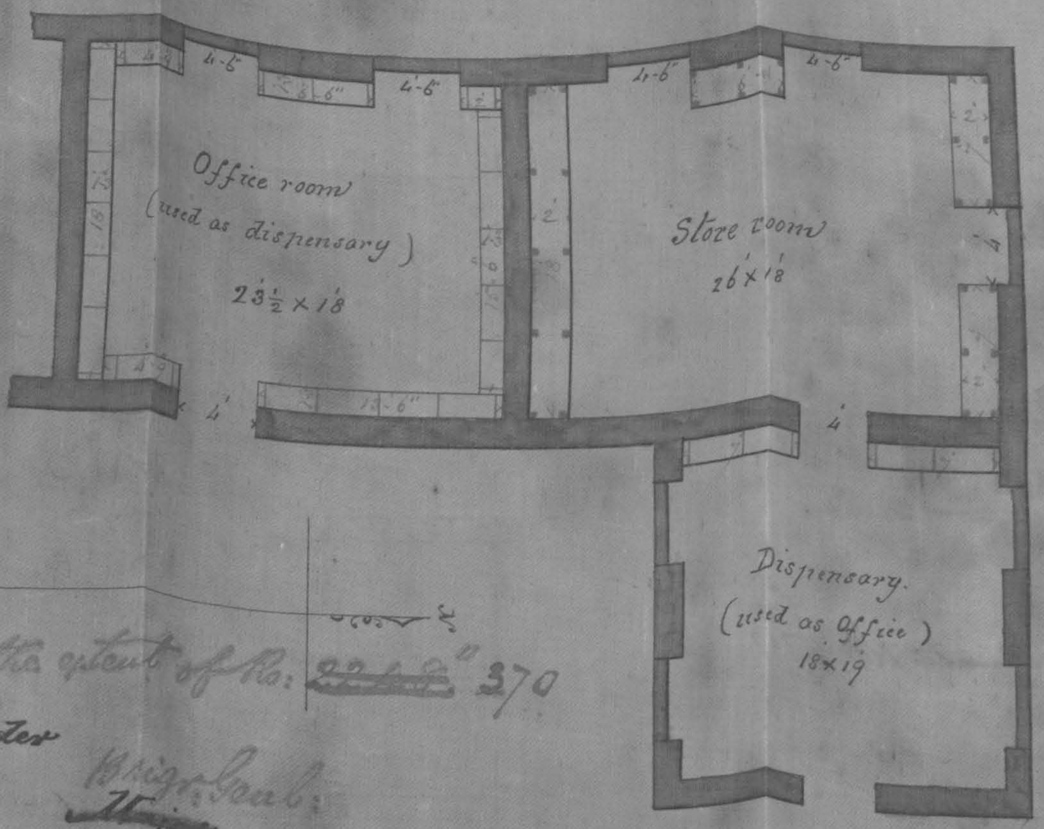
Lieutt Col. R. E

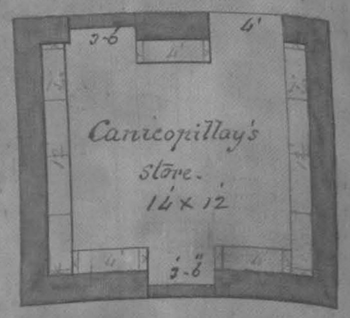
Superintt of Works Presidency

No. 136 of 1881/82.   No. 138/1881/82

New Garrison Hospital, Bangalore.

Plan shewing position of Racks and shelves for Office room, store room, Dispensary &c.

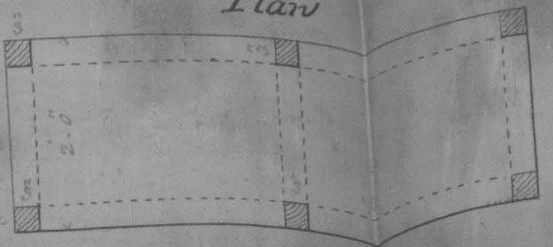




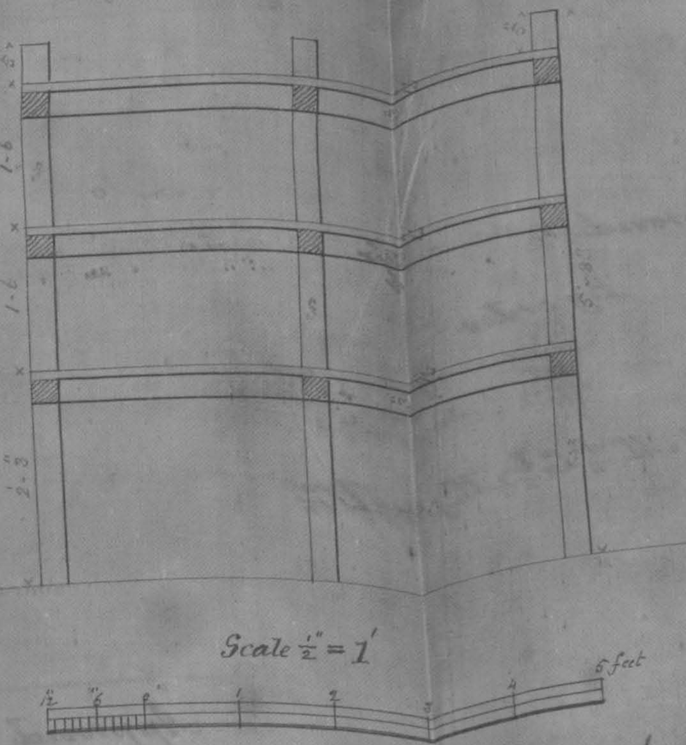
Amount of Estimate Rs. 370-"

Details of Rack.

Plan



Section.



"Approved to the extent of Rs: ~~[illegible]~~" 370

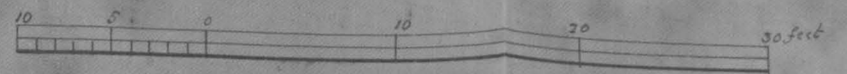
By order

J. O'Connell. Brig. Genl. ~~Major~~

~~Asst.~~ Q. M. G. ~~Mysore Dn.~~

Bangalore
17th Decr. 1881

Scale 10' = 1"



Approved

By order

D. J. S. McLeod Brig. Genl. ~~Major~~

Asst. Quarter Master General
Mysore Division

Exe. Engineer's Office
Bangalore. —
21st November 1881

Chepauk
2. December 1881

C. Prendergast Colonel R.E.
Supg. Engineer 5th Circle

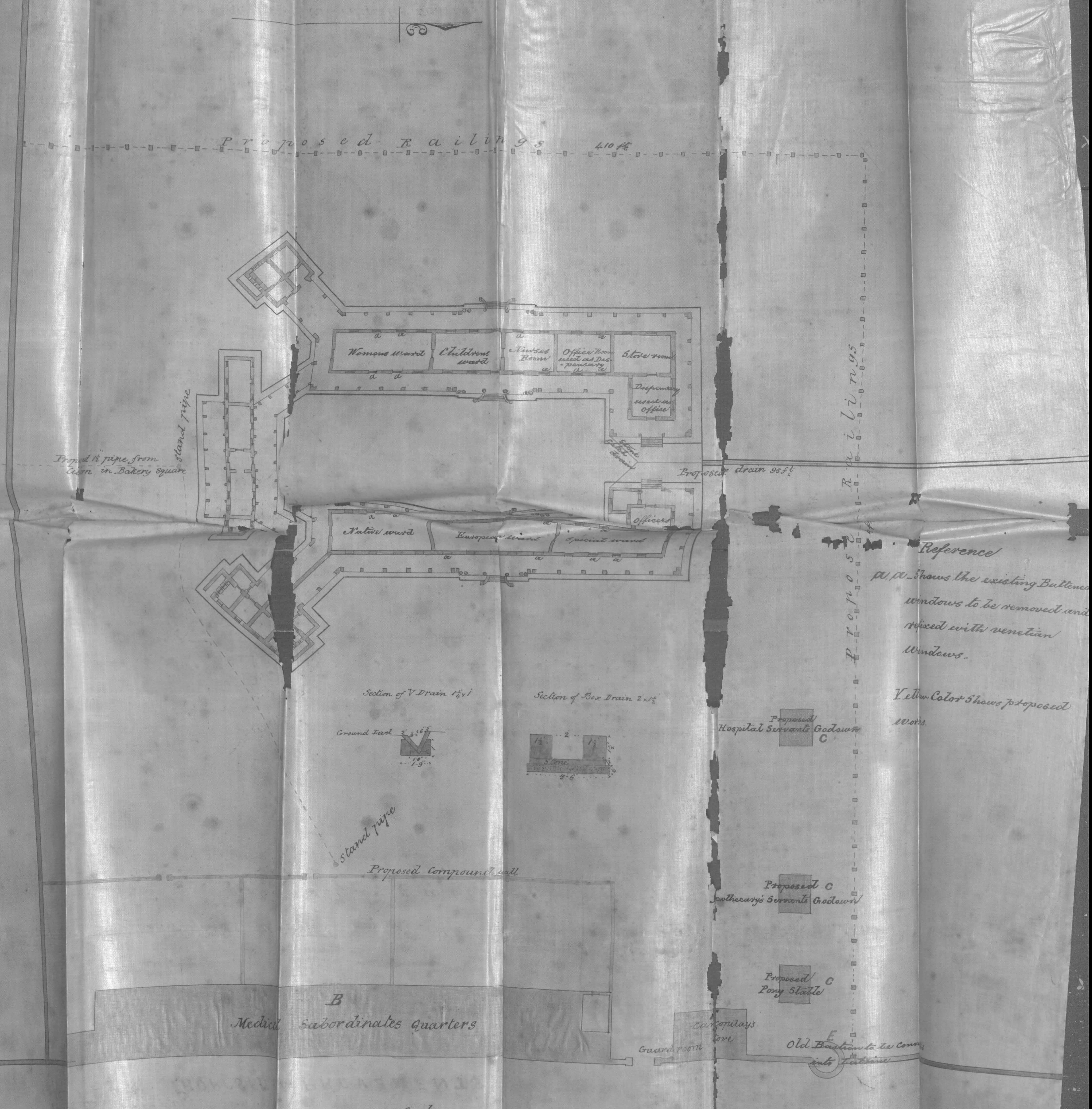
W. H. Burton Lt. Coll: R.E.
Executive Engineer Presidency

A. L. Smith Major R.E.
Exe. Engineer.

No. 93 of 1881/82

NEW GARRISON HOSPITAL BANGALORE

SITE PLAN SHEWING PROPOSED IMPROVEMENTS


Proposed Railings 410 ft.
Womens ward
Childrens ward
Nurses Room
Office Room used as Dispensary
Store room
Dispensary used as Office
Stone Catch drain
Proposed drain 95 ft.
Officers
Native ward
European ward
Special ward
a
d
Stand pipe
Proposed 1½" pipe from Cistern in Bakery Square
Proposed Railings
Section of V Drain 1¼ x 1
Ground Level
2"
9"
6"
1
1-0
1-9
Section of Box Drain 2 x 1½
1½
2
Stone
6
5-6
Stand pipe
Proposed Compound wall
Proposed Hospital Servants Godown C
Proposed Apothecary's Servants Godown C
Proposed Pony Stable C
B
Medical Subordinates Quarters
Guard room
Apothecary's Store
E
Old Bastion to be converted into Latrine
Scale
30
20
0
30
60
90
120
150 ft.

Reference

a, a – Shows the existing Battened windows to be removed and refixed with venetian Windows.

Yellow Color Shows proposed works.

Ro. 221 Approved to the extent of
By order
Brig: Genl.
Bangalore 17th Decr. 1881
J. O'Connell Major
Asst. Mr. Gl. Mysore Dn.

Approved
By order
D. S. McLeod Brig: Genl.
Asst. Quarter Master General
Major
Mysore Dn.

-12-81

Chas. Prendergast
Colonel R.E.
Supg. Engineer 5th Circle

W. H. Burton
Lieut. R.E.
Executive Engr. Presidency

Note Piping starts from the Cistern in Bakery Square Total distance from Cistern to Stand pipe M via Stand pipe L is

136/124-f 1881/82

1321881/82

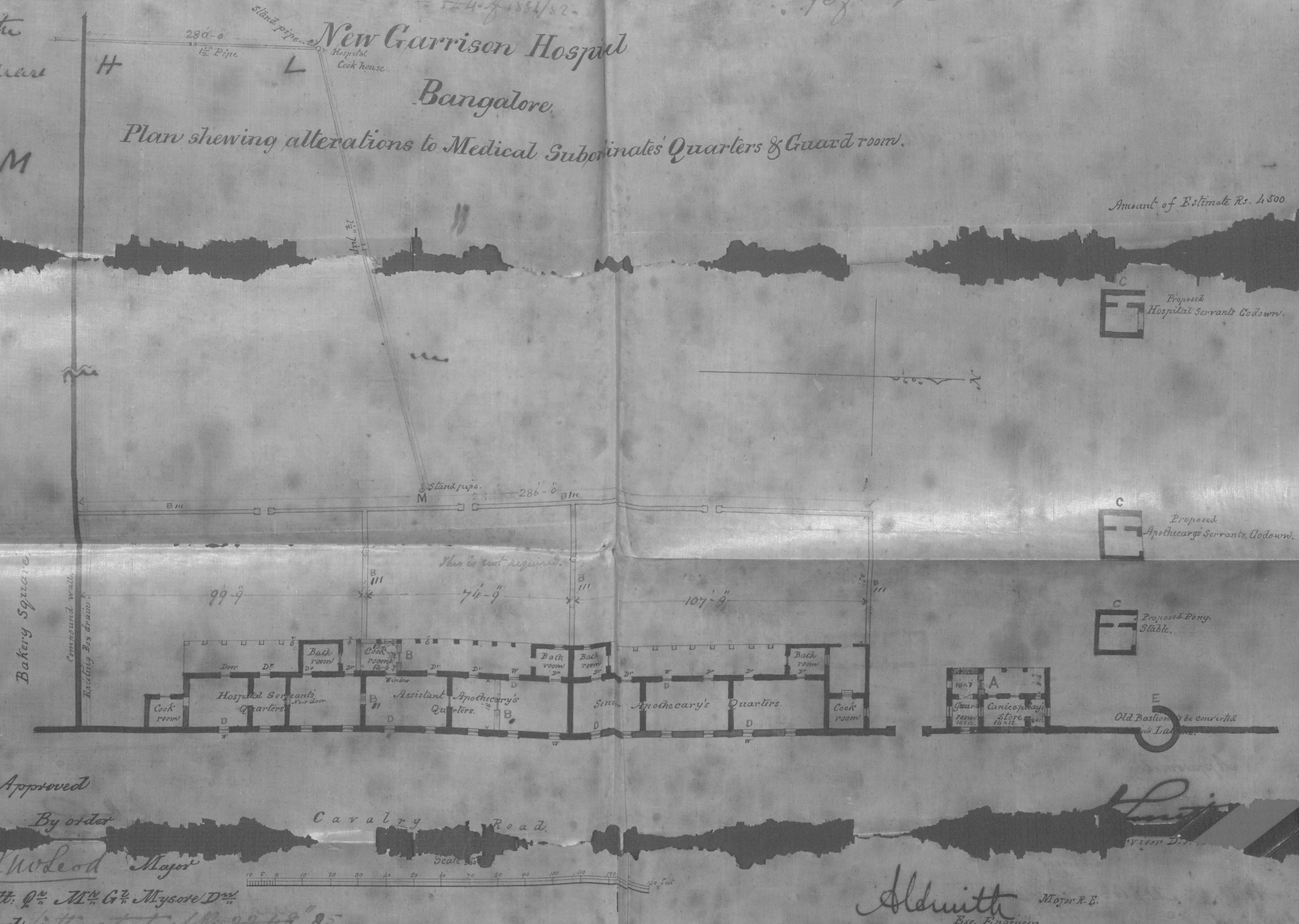
New Garrison Hospital

Bangalore.

Plan shewing alterations to Medical Subordinates' Quarters & Guard room.

Amount of Estimate Rs. 4500

A.C.



Stand pipe
28'-0"
1½" Pipe
H
L
Hospital Cook house
1½" Pipe
Stand pipe
M
286'-0"
B III
This is not required.
99'-9"
74'-9"
107'-9"
Bakery Square
Compound wall
Existing Box drain
Cook room
Hospital Sergeant's Quarters
New door
Door
Dr
Bath room
Cook room 13-6
Window
B
Assistant Apothecary's Quarters
Senior Apothecary's Quarters
W
D
C
Proposed Hospital Servants Godown.
Proposed Apothecary's Servants Godown.
Proposed Pony Stable.
A
10×7
Guard room 10×12
Canicopillay's Store 14×12
E
Old Bastion to be converted into Latrine.
Cavalry Road
Scale
10 5 0 10 20 30 40 50 60 70 80 90 100 110 120 140 feet

Approved

By order

Exe. Engineers Office
Bangalore
31st October — 1881.

J. A. McLeod Major

Asstt: Qr Mr Genl Mysore Dn

"Approved ~~to the extent of Rs. 2248~~" 85

By order

Chepauk
2nd December /81

J. O'Connell Brigr Genl

Bangalore
17th Decr 1881

Quarter Master Genl

A. L. Smith Major R.E.
Exe. Engineer

Pendergast
Colonel R.E.
Supg. Engineer 5th Circle

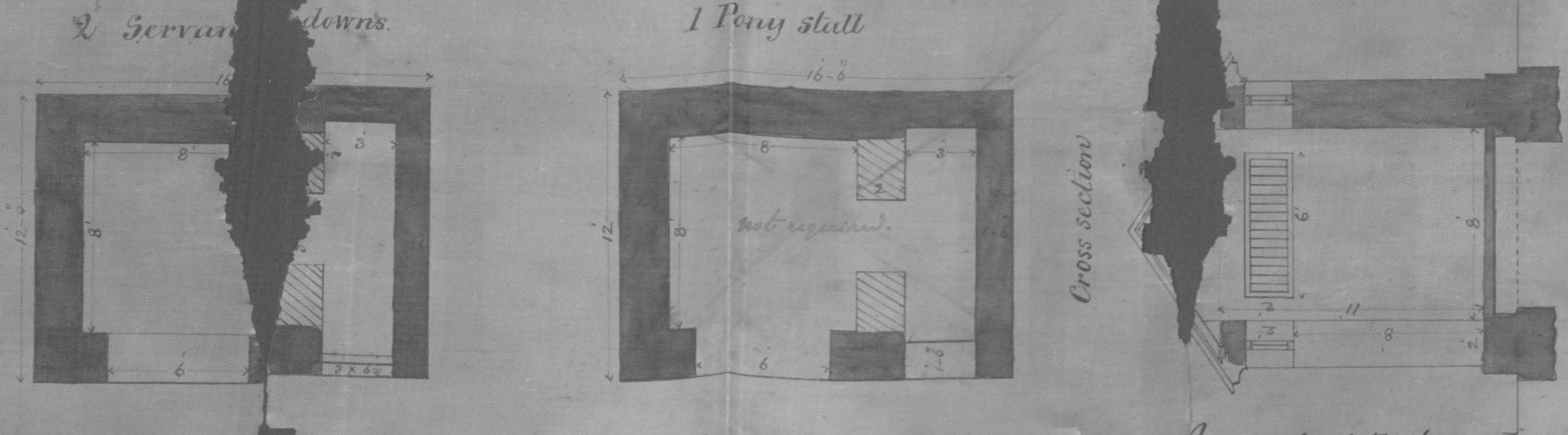
W. H. Burton Lieutt: Coll: R.E.
Executive Engineer Presidency

No. 136 of 1881/82.

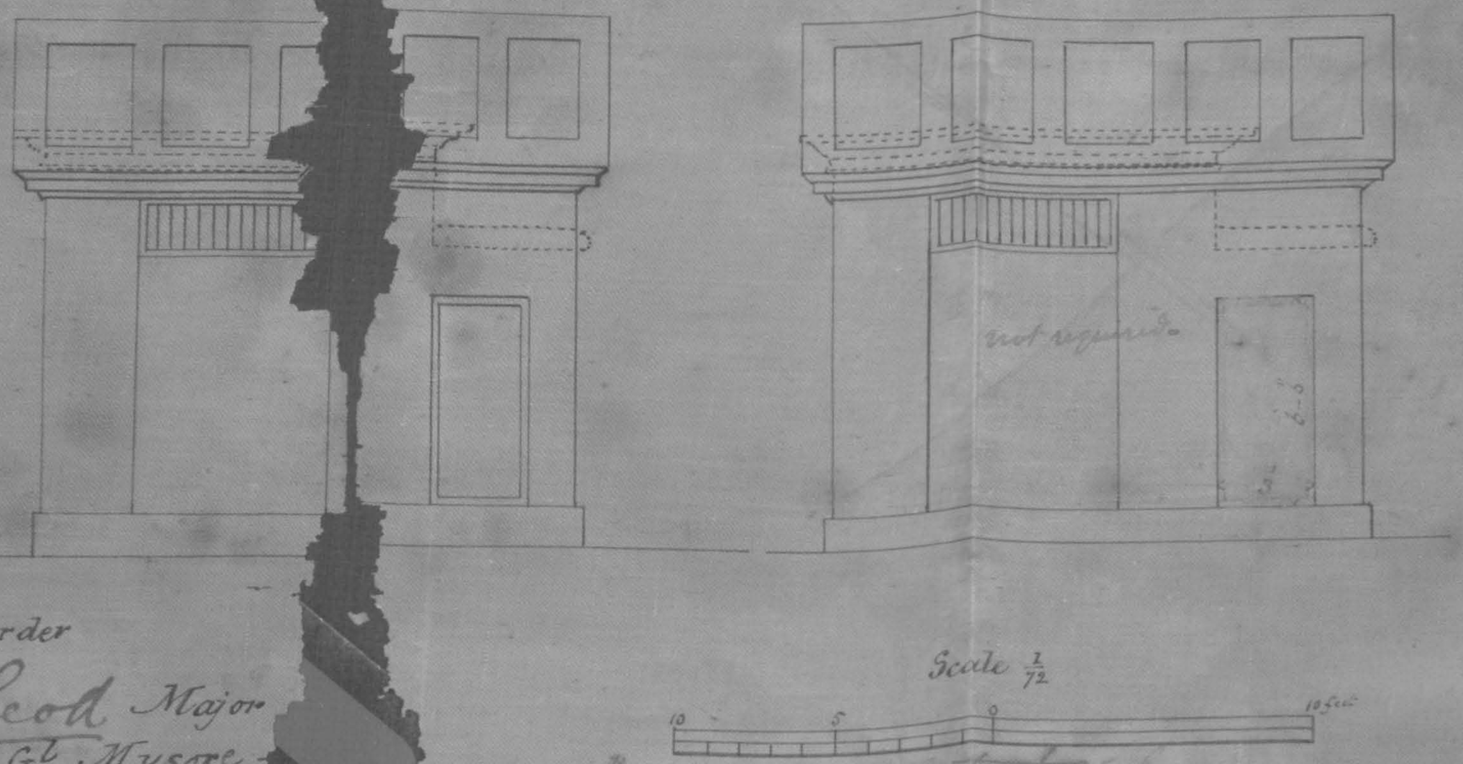
C

New Garrison Hospital, Bangalore

Plan of 3 old [illegible]itary cells, proposed to be converted into 2 Servants go[illegible]ns & 1 Pony stall.



Elevations



[illegible]mount of Estimate Rs 568

[illegible]ture of soil - Hard red

[illegible]undations – stone in chunam

[illegible]antlings of timber.

[illegible]ers	2½" × 4"
[illegible] pieces	2½" × 4"
W[illegible] plates	4" × 2"

Cwh Prendergast
Colonel R.E.

Approved
By order
D. J. S. McLeod Major
Ass^t. Q^r. M^r. G^l. Mysore

Exe. Engineer's Office
Bangalore
21st November 1881

[illegible] Approved to the extent
of Rs. ~~[illegible]~~ 498
By order
J. T. O'Connell Brig^r. Gen^l.
Quarter Master General
Ba[illegible]lore
17th [illegible] 1881

[illegible] Smith Major R.E.
Exe. Engineer.

W. H. Burton [illegible]ieut. Col. R.E
Executive En[illegible]ineer Presidency