

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	3583	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	21-12-	1825	
		195-	

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
21st December 1875.*

No. 367. Read the following letter from Major H. M. VIBART, R.E., District Engineer, Bangalore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 4th December 1875, No. 152:—

I HAVE the honor to forward herewith for sanction an estimate of Rupees 475, with plan and specification for making certain alterations and additions to the guard-room privy in the Parade Barracks at Bangalore.

2. The plan and estimate have been prepared at the requisition of the Major-General Commanding the Division, and have met with the approval of His Excellency the Commander-in-Chief.

3. The cost of the work can be met from the allotment under the head Minor New Works for the current official year.

No. 368. ORDER THEREON, 21st December 1875, No. 3,583.

MILITARY WORKS, No. 10.

THE plan and estimate amounting to Rupees 475 for certain alterations and additions to the guard-room privy in the Parade Barracks at Bangalore are sanctioned. The District Engineer will provide funds from the source indicated.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Bangalore.
" Military Department.
" Controller of Public Works Accounts

No. 152

32
DISTRICT ENGINEER'S OFFICE

Bangalore December 1875

From

The District Engineer,

Bangalore.

To.

The Chief Engineer

Public Works Department.

Madras

SIR,

I have the honor to forward herewith for sanction an Estimate of Rs 475 with Plan and Specification for Making certain alterations and additions to the Guard Room ~~Prig~~ in the Parade Barracks at Bangalore.

The Plan and Estimate have been prepared at the requisition of the Major General commanding the Division and have met with the approval of His Excellency the Commander-in-Chief.

The cost of the work can be met from the allotment under the head Minor New Works for the current official year.

I have the honor to be
Sir,

Your most obedt. servant.
Herbert Stuart

Major P.E.
District Engineer

Nº. 1.—ESTIMATE PARTICULARS.

Main Budget Head to which chargeable.

Imperial

Verlag

SECRET 1A

Purpose of work as given by District Engineer. *Additions & alterations to Guard-room Privy at Parade Barracks at Bangalore -*

Bangalore -
Original sanction for the preparation of the
detailed estimate. Date and number sanction-
ing and Public Works Department.

Amount of present estimate and its district number. *Rs. 475-0-0*

22. 121 of 1875-76

Budget head to which chargeable if sanctioned (in detail.) *Minor New Works.*

Military

Provision has been made in the Budget of
in anticipation.

(~~Page~~ No.)

Funds can be made available during the current year.

(Yes or No, and state how in former case)

(Yes or No, and state how in former case)

J.E. proposes to provide funds-

Brought forward as urgent.

(Yes or No; and if former, state by whom.)

Not stated

Number on last revised list of works approved and brought forward in due order of precedence.

not entered in the list.

No.	Yes	No.
-----	-----	-----

Ms.
Cm 14-12-75

12

Ms. A. 9. 2. 1. 12. 15.

W. H. 1875 22667
of 1875 22667
of 1875 22667

The District Engineer
of the Engineering

Dr. J. C. Smith

Oct 6th 1875
Dear Sir

Ms. A. 9. 2

Howard for donation
Plan of Baltimore by

De 495 for making
certain alterations

abolition of the laws
House Printing Cards
D. 1848

Charles -

DOCUMENTS IN FILE.

From District Engineer—

*Bangalore.*1 Covering letter No. *102* date *4 Dec 75*

1 Letter from Range Officer, No. , date

1 Detailed Estimate. ✓

1 Abstract do.

1 Plan. ✓

1 Specification Report. ✓

From Office—

Original sanction, No. , date
for detailed estimate preparation.

Orders and Proceedings.	No.	Date.	Under P. W. D. G. O.
P. W. Department	...		No. Date.
Public do.	...		
Revenue do.	...		
Financial do.	...		
Military do.	...		

Imperial Military Original work.
Detail Estimate No 121 of 1875/76. 7C
District Bangalore
Work. Making certain alterations & additions
to the Guardroom Privy in the Parade Road
at Bangalore.
Order of the Mr. G. L. O. No. 340 of 10 Aug 75.
Particulars of work in measure contents Estab
L. 178
Dismantling
Partition walls 4 $\frac{1}{4}$ 5 75
Foundations to do 5 4 0 20
Arch ways { Rectangular portion 2 6 $\frac{1}{2}$ 3 54
behind the { Semi-circular portion 2 14 $\frac{1}{2}$ 1 42 $\frac{3}{8}$
seals { Arch work 2 11 $\frac{1}{4}$ 1 $\frac{1}{2}$ 52 $\frac{1}{4}$
Leaving at the side of gangway 7 7 $\frac{1}{2}$ 1 $\frac{1}{4}$ 2 67 $\frac{1}{2}$
Estab of Dismantling 250 $\frac{13}{8}$
Do. Flooring 18 $\frac{1}{2}$ 7 $\frac{1}{2}$ 143 $\frac{3}{8}$
Estab of flooring 143 $\frac{3}{8}$
Excavations
Front wall of gang ways 25 $\frac{1}{2}$ 2 2 102
Side wall to do 6 2 2 24
Total of Excavations 126
Estab of foundations stone and human 126
Superstructure
Front wall of gang way 1 24 $\frac{1}{2}$ 7 252
End wall to do 1 7 $\frac{1}{2}$ 1 $\frac{1}{2}$ 95 $\frac{5}{8}$
Carried over 347 $\frac{5}{8}$

Particulars of work	Measur ment	Content	Total
	L 14 0		
Per night over		347 $\frac{5}{8}$	
End wall on the present compound			
Side wall of earth store	1 7 $\frac{1}{2}$ 1 $\frac{1}{2}$ 5	56 $\frac{1}{4}$	
Sides of arches	8 8 $\frac{3}{4}$ 2 $\frac{3}{4}$	16 $\frac{13}{32}$	
Sides of arches	4 1 $\frac{1}{2}$ 4 3	13 $\frac{1}{2}$	
Total		433 $\frac{25}{32}$	
Deduct opening to gangway	1 3 $\frac{1}{2}$ 1 $\frac{1}{2}$ 6	31 $\frac{1}{2}$	
above lintel	1 5 1 $\frac{1}{2}$ $\frac{1}{3}$	2 $\frac{1}{2}$	
Space for honey comb work	2 7 1 $\frac{1}{2}$ 4 $\frac{1}{2}$	94 $\frac{1}{2}$	
Total Deduction		128 $\frac{1}{2}$	
Total of Superstructure present & human		305 $\frac{2}{32}$	
Arch work		53 $\frac{1}{4}$	
Round plow	6 (3 1 $\frac{1}{2}$ 3)	6 6	
Square plow	4 (5 1 $\frac{1}{2}$ 3)	1 1	
Sp of Honey Comb tile work	2 7 1 $\frac{1}{2}$ 4 $\frac{1}{2}$	63 63	
Plastering			
Front wall of gangway	1 25 $\frac{1}{2}$ 2 7	35 $\frac{1}{2}$	
End wall	1 6 2 8 $\frac{1}{2}$	10 $\frac{1}{2}$	
Side wall of earth store	1 7 $\frac{1}{2}$ 2 5	7 $\frac{1}{2}$	
Sides of Arch way	1 8 $\frac{3}{4}$ 5 $\frac{1}{4}$	50 $\frac{1}{16}$	
Side wall of earth store	4 2 $\frac{1}{2}$ 3	30	
Sides of opening	2 12 5	120	
Honey comb work	1 75 $\frac{1}{2}$ 7 $\frac{1}{2}$	23 $\frac{1}{4}$	
Total		784 $\frac{7}{16}$	
Deduct space for honey comb work	2 7 2 $\frac{1}{2}$	126	

Particulars of work	Measur ment	Content	Total
	L 14 0		90
(Deduction of)			
Brought over		128	
Door opening	1 3 $\frac{1}{2}$ 2 6	42	
Total Deduction		168 $\frac{1}{16}$	
Total Sp of Plastering with human		616 $\frac{7}{16}$	
Whitewashing			
Privy	1 5 $\frac{1}{2}$ 12	65 $\frac{1}{4}$	
Dry earth room	32 $\frac{1}{2}$ 12	390	
Gangway	6 8 $\frac{1}{2}$	510	
Total Sp of Whitewashing		1554	
Plastering			
Front wall	1 27 6 $\frac{1}{2}$	175 $\frac{1}{2}$	
Sides	2 7 $\frac{1}{2}$ 8 $\frac{1}{2}$	127 $\frac{1}{2}$	
Sides of dry earth room	1 9 $\frac{3}{4}$ 12	117 $\frac{1}{16}$	
Front	1 4 $\frac{1}{2}$ 9 $\frac{1}{4}$	41 $\frac{5}{8}$	
Total Sp of Plastering		461 $\frac{5}{8}$	
Wood work			
Plaster to Gangway	17 10 $\frac{1}{2}$ 2 $\frac{1}{2}$ 6 $\frac{1}{2}$	114 $\frac{1}{16}$	
for supporting eaves	2 2 2 $\frac{1}{4}$	2 8	
Wall plates	1 24 3 $\frac{1}{2}$ 5 $\frac{1}{2}$ 3 4 2 $\frac{1}{8}$		
Uprights in front of partition	2 6 3 3 2 7 6		
Total of soft wood wrought and			
put up		201 8 $\frac{1}{16}$	
Nails 6" long	34	34 34	
Roofing			
Gangway	1 28 12	336	
Total Sp of Roofing with test papers			
nails flat & pan tiles & human borders		336	

Quantity	Description of work	Rate & Amount	Total
	Brought over	277 6 9	
315	Sqrs of Turning tiles with new pau tiles & chunam borders	2 8. 1/2	7 14. 11
136	— of Wood Casing two coats	2 11 6	
143	— of flooring with foot of clay and 6" of sand	5 2. 1/2	7 24. 11
129	— of flooring with stone slabs	12 8. 1/2	16 2. 11
129	— of Concrete under	5. 1/2	6 7. 2
124	Sqrs of Iron partition	2 12. 1/2	93. 11
46	lbs of Paint iron rod 1/2" & will be fixed on the top of Iron partition	3. 1/2	8 10. 11
72	Screws 1 1/2" to 2" & 1/2"	1 6. 1/2	9. 11
2	Privy seats complete 6" long each 2 ft wide	8 20. 11	
2	Boxes and Scoops	6 14. 11	
		453 14 7	
	Sundries	21 1 5	
	Total Estimate Prepared	475	

Min. Secy
M. S. S. S.
S. S. S. S.

Pluribus
District Engineer
Bangalore
11th Dec 1875

Dist. Engr's Office
Bangalore
11th Dec 1875

Specification to accompany
Plan and Estimate for making certain
alterations and additions to the Guard
room Privy in the Parade Barracks at
Bangalore.

Amount of Estimate Prepared 475
The present partition walls,
seats and Arch way will be dismantled
and the rubbish carted away.

An additional verandah
will be attached in rear of Privy for
entrance of latrine inside measurement 24x6

The excavation for foundation
to be dug to a depth according to the di-
mensions shown on the plan.

The foundation will be of
stone laid in chunam well bonded &
closely packed with neat joints and
at least every sixth to be a through header.

The walls will be built of
good sound well burnt brick in chunam
English bond to be observed through and
joints to be as neat as possible.

The old and new brick work
to be well bonded together by bond stones
3 feet in length.

A lintel stone will be
placed

placed over the opening in the gang way.
The stones will be $(3 \times 1\frac{1}{2} \times \frac{3}{4})$ and to extend
9 inches on each side of the opening.

The spaces between pillars
in front of gang way are to be closed in
with open tiles or honey comb work as shown
on the plan.

The walls to be plastered
with two coats of chunam after the joints
have been packed out.

The interior of the building
will be whitewashed and the exterior blue.
washed each with two coats.

The gang way will be
roofed with teak rafters, nails, flat shaw
tiles and chunam borders supported on
teak rafters $(2\frac{3}{4} \times 4\frac{1}{2})$ placed 18 apart from
centre to centre resting on wall plates
 $(3\frac{3}{4} \times 5\frac{1}{4})$ as shown on the plan.

The present roof of
the privy will be removed and replaced
with 8 new tiles.

The wood work of the roof
to be coated with two coats of wood oil.

The present floor of the
Privy will be removed and remade with
one foot of clay and 6" of sand and gang
way will be floored with stone slabs on

a layer of concrete 3 in thickness
The plan for privy seats to
be 2 thick and 2 feet wide supported
on wooden uprights etc. Iron partitions
 $\frac{1}{8}$ thick and 5 ft high to be placed between
the seats and 3 ft high behind. Seven
wooden uprights 3 x 3 at a distance of
3 feet from the rear wall to be fixed to
in front of iron partitions and two joined
to the side walls. The uprights will
be 5 feet above the floor and one foot
fixed in the ground. Six bent wrought
iron bars 3" or 4" to be secured on the
uprights as shown on the plan.

Two boxes $(2 \times 1\frac{1}{2} \times \frac{1}{2})$
inside measurement and loops
will be provided for the Privy.

File
Dist. Engrs office
B. Nagar
11th October 1875

Resd. H. Nibant Major D.C.
District Engr Bangalore

21c

UNDER date the 21 Dec/75

Read the following :—

Read the following:—

I am
The District Engineer } (N.S. No 152 d/14 Dec 1875)
Bangalore }

The plan and estimate amounting to Rs 1,75 for certain alterations and additions to the Guard Room Privy in the Parade Barracks at Bangalore are sanctioned. The District Engineer will provide funds from the source indicated.

Harold Ross
G. W.
G. W.

DE Ranjale
Only Depth

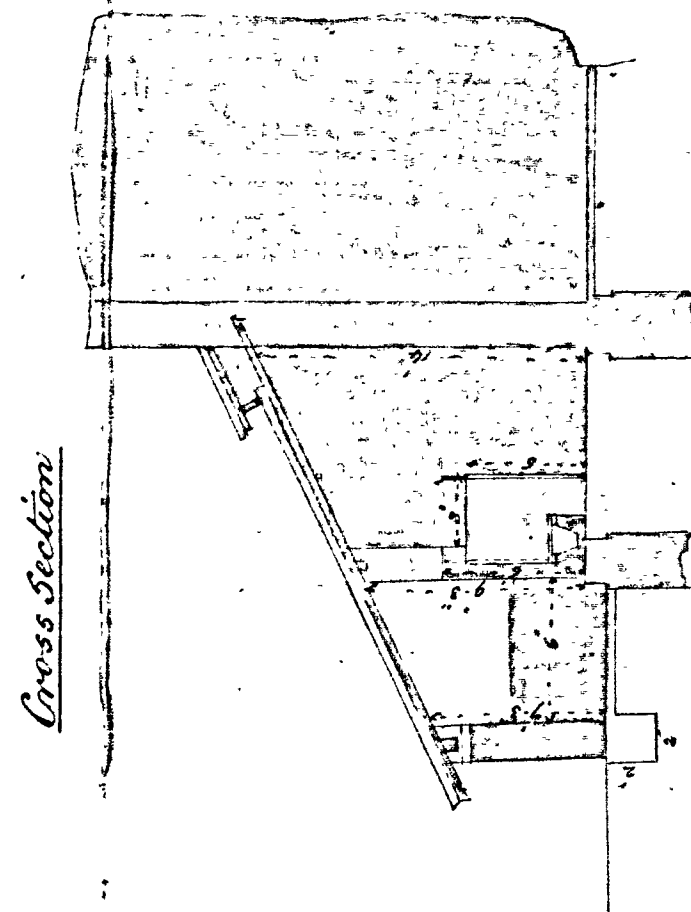
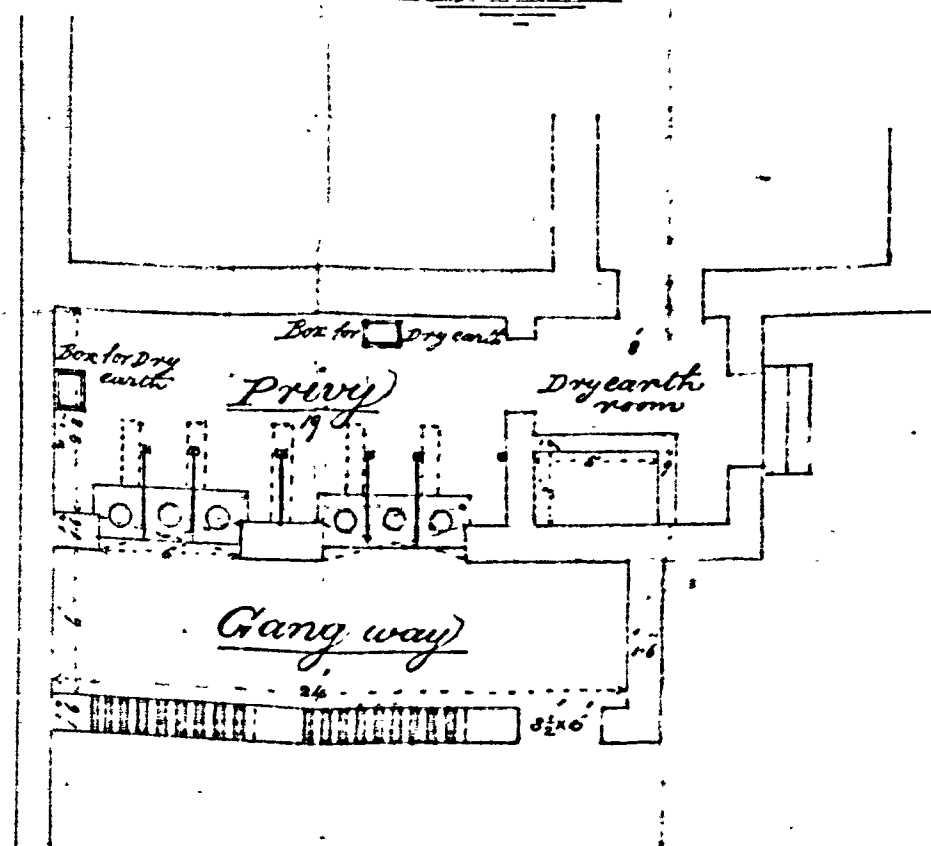
Q. 1-75

12421 of 1875/76

Plan

showing the proposed alterations and additions
to

Guard room Privy
in the
Parade Barracks
at
Bangalore

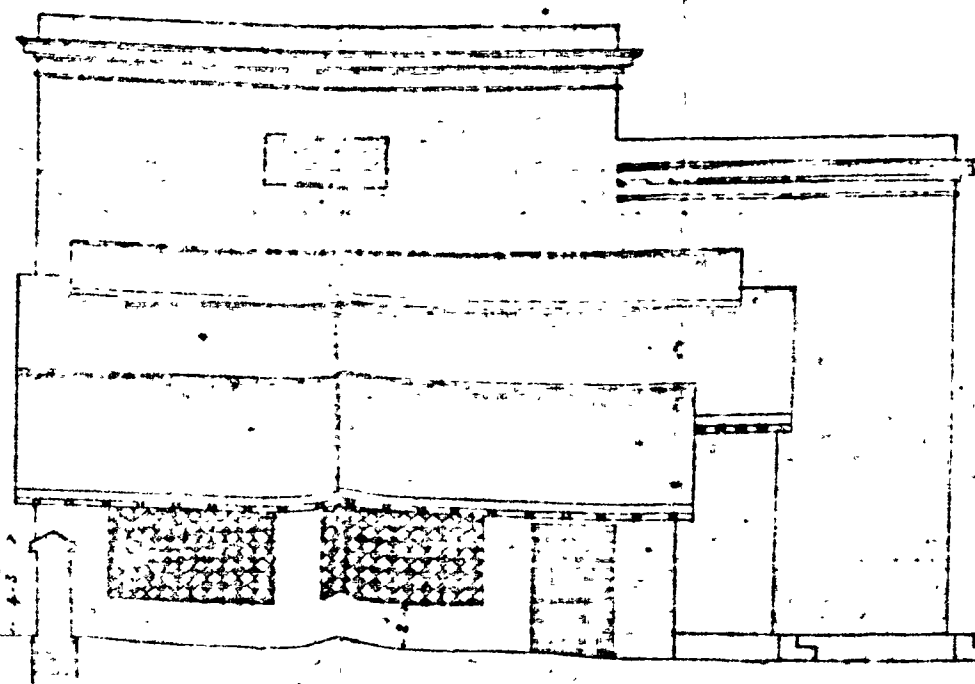


scantlings

Rafts ——— $2\frac{1}{2} \times 4\frac{1}{2}$

Wall plates ——— $3\frac{3}{4} \times 5\frac{1}{4}$

Front Elevation



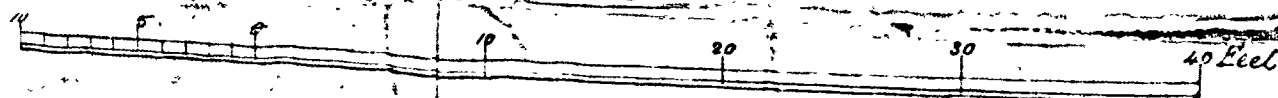
Amount of Estimate Rupees 475-0-0

L. L. B.

Distt. Engr's office
Bangalore

11th October 1875.

Scale



Major R. E.

District Engineer Bangalore

70

To
J. E. Baughman

Issue 2

Red.

End

G. O. 1875, No. 3583

Nos. 367, 368

Board Room - Prior to
each Baruch's Boarding
 Can Estimate amounting
 to \$2000 for extra alterations
 and additions to the
 — structure.