

Public Works (1896) Department.

G.O., No. 1476

DATED 15-1-96

Quarters: [Despatch Abstract.] Estimate of Rs 11,800 for constructing a new block of married — with out houses to accommodate four families of the British Infantry detachment at West Hill, Calicut, sanctioned.

Estimate of Rs. 11,800 for constructing a new block of married — with out-houses to accommodate four families of the British Infantry detachment at West Hill, Calicut, sanctioned.

No. 147 W., 15th JANUARY 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From His Excellency the Lieutenant-General Commanding the Forces, Madras, to the Chief Secretary to Government, dated Ootacamund, 12th December 1895, No. 2166 M.W.

With reference to G.O. No. 2320 W., dated 19th September 1895, I have the honour to forward for sanction plans and estimate, the latter amounting to Rs. 11,800, for constructing a new block of married quarters with out-houses to accommodate four families of the British Infantry detachment at West Hill, Calicut.

2. As the quarters now in use are very badly ventilated and are most unsuitable in every way, it is desirable that new quarters for the families should be constructed as soon as possible.

No. 3028, Public.

Transferred to the Public Works Department.

FORT ST. GEORGE,
18th December 1895.

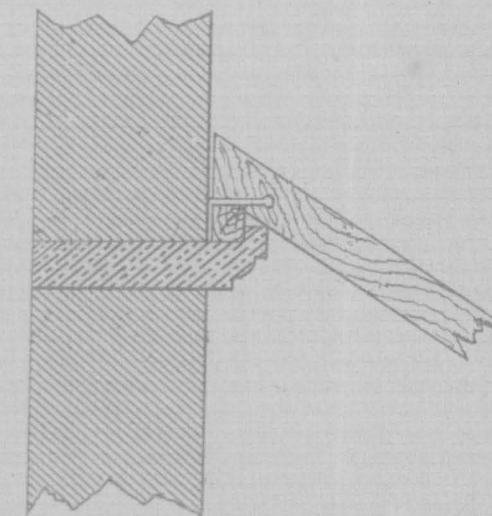
(Signed) W. W. PHILLIPS,
Ag. Asst. Secretary.

Note by the Chief Engineer, Public Works Department.

The estimate of Rs. 11,800 for constructing a new block of married quarters at West Hill, Calicut, is submitted for the sanction of Government with the following remarks:—

(1) The estimate provides for flat arches over doors and windows. Semi-circular relieving arches are also considered desirable.

(2) Instead of carrying the verandah roof by inserting the rafter ends into the masonry as shown on cross section A B, it would be well to support these rafters on wall purlins carried on stone corbels, thus:—



10th January 1896.

(Signed) D. McNEIL CAMPBELL, Lt.-Col., R.E.,
Chief Engineer, P.W.D.

No. 147 W., 15TH JANUARY 1896.

ORDER—No. 147 W., dated 15th January 1896.

The estimate, amounting to Rs. 11,800, for constructing a new block of married quarters with out-houses to accommodate four families of the British Infantry detachment at West Hill, Calicut, is sanctioned.

2. Attention is drawn to the remarks of the Chief Engineer in his note recorded above.

3. This sanction has been registered as Imperial Ordinary No. 3 W. of 1895-96 and classified as Military—Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle,
with six enclosures.
„ the Examiner, Public Works Accounts.
„ His Excellency the Lieutenant-General Commanding
the Forces, Madras.

No 147 W of 15th January 1896.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Indk in the Public Deptt.
on letter from H.E. the Lt.
General Commanding the
Forces, Madras, No 2166
M.W. of 12 December 1895
(H.E. No 3028 of 18 Dec '95)
Note by the Chief Engineer, P.W.D., of 10 January 1896.

W
12 Jan

The estimate, amounting
to Rs 11,800, for constructing
a new block of married
quarters with outhouses
to accommodate four
families of the British
Infantry detachment
at West Hill, Calicut,
is sanctioned.

2. Attention is drawn
to the remarks of the
Chief Engineer in his
note recorded above.

3. This sanction has
been registered as
Imperial

Imperial Ordinary No.
3 W of 1895-96 and
classified as Military
Original Works.

CO 188
296

New block of
married quarters to
accommodate four families
of the British Infantry
detachment at West
Hill Calicut.

T. H. B.

Secd
15/2/96

The S. E. W. file with 6 Encls.
" Enar P. W. accounts
A. E. the Lt General Com-
-manding the Forces,
Madras.

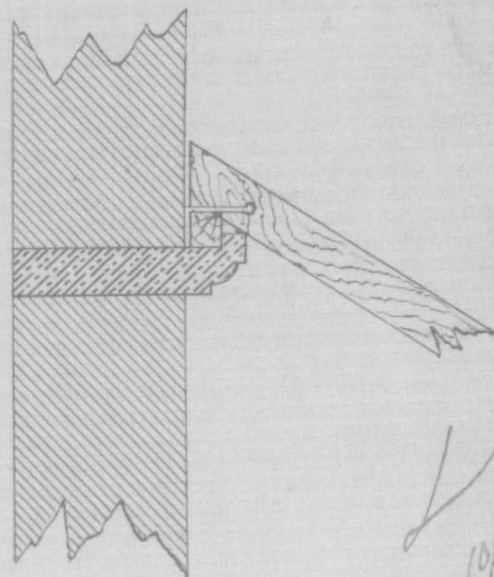
No 147 W of 15 January 1896
S. W. B.

Note by the Chief Eng. S. W. B.

38

The estimate of Rs. 11,800 for
constructing a new block of
married quarters at West
Hill, Calicut, is submitted
for the sanction of Government
with the following remarks:—

- (1) The estimate provides for
flat arches over doors &
windows. Semicircular re-
lieving arches are ^{also} considered
desirable.
- (2) Instead of carrying the verandah
roof by inserting the
rafter ends into the mason-
as shown in cross section
A. B. it would be well
to support these rafters
on wall purlins carried
on stone corbels thus:—



CO 188
10/96

Ed

Public Works Department.

No 147 W of 15 January 1896

Current No. 10,78

Letter No. 3028

Dated 18 December 1895

From the Public Department.

NOTE BY TECHNICAL SECTION.

Name of Work Constructing a new block of married quarters at West Hill, Calicut.

Amount of Estimate, Rs. 11,800

PARTICULARS OF ESTIMATE.

Main Building	quarters	Rs.	10,080
Subsidiary Buildings	Cook house	Rs.	760
	latrine for men	Rs.	410
	latrine for women	Rs.	550
Contingencies	2 1/2 % (Rs 302)	"	"
Petty Supervision	2 1/2 % (Rs 295)	"	"
Land compensation		"	nil.

Total Rupees ... 11,800.

PARTICULARS OF CONSTRUCTION.

Surface soil }
 Sub soil } slaked to the gravelly.
 Foundations are to be laid with concrete
depths varying from 2 to 4 feet, as
shown on cross section A B in plan
according to the slope of the ground.
 Basement is to be raised 3 feet & built
with brick in mortar.
 Walls of the rooms are to be raised
to top of the beam & the verandah
pillars 7 feet & built of brick &
in chambers with floor anchors over
& windows.

Main Building
Section A.B. It would be better
 to level the ground to 460 or a
 little lower than that, and to put
 in 3 feet concrete below that level
 as foundations for all walls. The
 foundations for old houses may re-
 main as they are.
 Yes. But the level will be
 reduced to 462.

Particulars relating to
 are also desirable.

Plastering & Pointing the interior & exterior sur-
 faces of walls are to be plastered with
 2 coats of chunam.
 Flooring is to be of 9" square paving bricks
 laid over 4" concrete except the bath
 room which are to be of 1/2" cement on
 4" concrete.
 Roofing is to be of 12" Class Division tiles laid
 over teak rafters & ceiled with 3/4" cedar
 wood planks.
 Doors and Windows are to be of teakwood of the
 descriptions noted in the estimate &
 painted with 2 coats of silicate paint.
 Roof timbers The trusses & bracings are
 to be of teakwood & the others of Grampus
 span wood.
 Scantlings are correct.

Rates are fair.

The plinth area of the main building is
 3920 square feet, and the cost per square
 foot will be Rs. 2-9-2 less steps

The plans and estimates have been countersigned
 by the Asst. Adjutant General
 and approved in the transferred to this Dept.
 Department. by the Public Dept.

REMARKS.

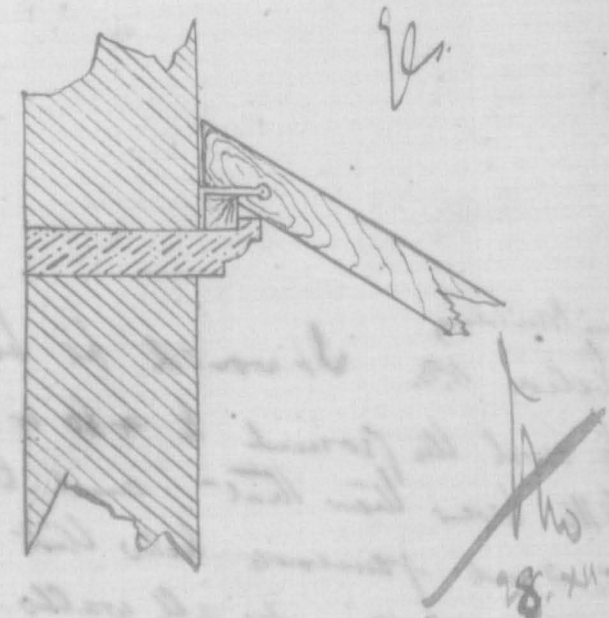
The plans & estimate under re-
 view amounting to Rs. 11,800 have
 been framed with reference to the
 details of requirements for military
 works, communicated with G.O. No.
 2157 dated 15. Sept. 1894, Genl. A.
 & provide for constructing a block of
 married quarters with out-houses
 to accommodate 4 families of the
 British Infantry Detachment at
 West Hill, Calicut.

The scale of accommodation has
 been based on Bengal Barrack re-
 gulations for Class II & Class III quar-
 ters, except that increased area of
 bed room has been provided for Class
 III quarters, from 16' x 10' to 18' x 10' or
 ing to locating both class of quarters
 under the same roof. Otherwise it
 will be inconvenient to design the block.

This alteration is reported, has
 been approved by the Military author-
 ities.

The site selected by the Military Dep.
 is in the bottom ground to the north
 of the Hospital which is situated
 at Chelung to G. H.

It is submitted that instead
 of carrying the verandah roof by
 inserting the rafter ends into the
 masonry, as shown in cross section
 A-B, it would be well to support
 these rafters on wall purlins carried
 on stone corbels. Thus:-



Sanction with a
 CE's note suggests
 above alterations
 CHMS
 7.96

70

Note by
 the Chief Engineer P.W.D.-

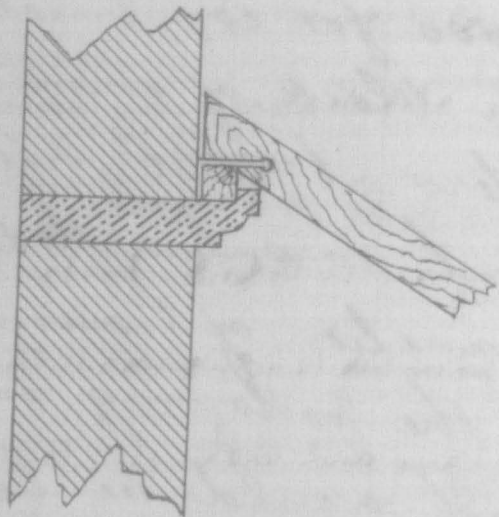
The estimate of
 Rs. 11,800 for constructing
 a new block of married
 quarters at West Hill,
 Calicut, is submitted for
 the sanction of Government
 with the following remarks.

(1) It would be better
 to level the ground of the
 main building, section
 A-B to +60 or a little lower
 than that, and to put
 in 3 feet of concrete below
 that level as foundations
 for all walls. The founda-
 tions for out-houses may
 remain as they are.

(2) The estimate provides
 for flat arches over doors
 and windows. Semi-
 Circular relieving arches
 are also considered desirable.

(3) Instead of carrying
 the verandah roof by
 inserting the rafter ends
 into the masonry as
 shown

shown on cross section AB
it would be well to support
these rafters on wall purlins
carried on stone corbels
thus:-



[Handwritten signature]

E. W.

copy
2/5/96

Accommodation for Europeans
European
No. 2166 M. N.

Ootacamund,

12th December 1895.

CURRENT No. 4218

From

The Lieutenant-General COMMANDING the FORCES, Madras.

To

The Chief Secretary to Government
Madras

SIR,

With reference to G.O. Public Works
No. 2320 W dated 19th September 1895, I have the honor
to forward for sanction plans and estimate, the latter
amounting to Rs. 11,800, for constructing a new block of
married quarters with out-houses to accommodate 4
families of the British Infantry Detachment at
West Hill Calicut.

2. As the quarters now in use are very
badly ventilated and are most unsuitable in every
way, it is desirable that new quarters for the families
should be constructed as soon as possible.

I have the honor to be,
Sir

Your obedient servant
S. J. Holland Colonel
Asst. Quarter Master G.O.

For Lieut. Genl. Commandg. the Forces, Madras
A. H. M.

P. W. CURRENT No. 10178

Recd No 302.D.

Transferred to the
Public Works Department.

W.D. Phillips
Ag. Asst Secretary

From
The Lt. General
Commanding the force.
Dacca Command

3013
17.12.95
Encls 6 (2 plans)
Recd: 19.12.95

For - 56 Geared
18th December 1895

No. 2166 M.W.

Dated. 12.12.95
Recd. 14.12.95
Regd. 16.12.95 Encl. 6.

No 21570 of 1-9-94 ✓
" 21584 " 1-9-94 ✓
" 17415 " 15-7-95 ✓
" 18250 " 24-7-95 ✓
" 19640 " 9-8-95 ✓
" 23200 " 19-9-95 ✓

Subject

Forwarding for early sanction
plans and estimate for constructing
a new block of barrack quarters
with 20 houses to accommodate four
families of the British Infantry Detachment.

Cutler
10/12/95