

(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. *1817* *(W)* Press
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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

12th November 1877, No. 1,617 W.

Buildings and Roads.

Military Works.

Read the following papers:—

No. 116-A. From the Officiating Superintending Engineer, Chingleput, dated 17th October 1877, No. 2,824.

No. 116-A-A. From do. do. dated 9th November 1877, No. 3,271.

No. 116-B. ORDER THEREON, 12th November 1877, No. 1,617 W.

HIS GRACE the Governor in Council having personally inspected the Poonamallee Hospital, directs that the old buildings shall not be meddled with until the new Hospital is completed and it is ascertained by experience, which, if any, of the old buildings is an obstruction to the free circulation of air.

2. His Grace places on record the credit due to the responsible officers for the progress made in the construction of the building, and specially notes his satisfaction in reference to the style of work done and the close attention given to it by the subordinates in immediate charge, and remarks that great care should be taken in the selection of timber for its use, much of what he observed on the ground required rejection. The specification should be rigidly adhered to and all timber showing the slightest signs of unsoundness or deficiency in scantling must be rejected. In regard to the ventilation of the building, His Grace in Council remarks that he deems that provided inadequate and directs the Chief Engineer will issue detailed instructions to the Superintending Engineer for its extension and improvement.

3. His Grace further calls the attention of the Chief Engineer to the following defects which he directs may be also remedied:—

(1.)—Inconvenience of the principal stair-case.

(2.)—Want of space in lavatories.

(3.)—Want of entrance way to latrines, their general inconvenience of design.

Finally, no arrangement appears to have been made for water-supply, and the single doors to lavatories are not convenient.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Chief Engineer, Public Works Department.
" District Engineer, Chingleput.
" Military Department.

Erd. S. T. Austin.
Spare Copies

No 63
0

Medical Dept British Forces
Surgeon General's Office
Colabaumund 21st September 1877

From
The Surgeon General
British Forces.

To The Quarter Master General
Head Quarters
Colabaumund.

Sir,

I have the honor to return here-
-with the documents received with
your letter No 663 dated 8th September
1877 having reference to proposed
alteration in the original plan
in connection with the hospital
at Poonaumlee.

2. Having submitted the cor-
-respondence to the Principal Medi-
-cal Officer of the Presidency Circle.
I beg to attach the letter received
from Dy Surgeon General Madden
on the subject. With him I consider
that the word marked *J* on the
plan is suitable for infections
cases instead of the position

No 231 of
3
17th Sept 1877

marked x x recommended the
demolished. 14500/77

I have &c
Signed A. A. Gordon.

Surgeon General
P. M. O. B. S.
(True copy)

H. M. B. S.

Col A. E.
Super Engineer, Ching Japah

Quartermaster General's Office
Head Quarters.
Cotacumund 22nd Sept 1877.

No 728
6377.

From Brigadier General H. O'Connell
Quartermaster General
To The Officer Commanding
Centre District

Sir,
With reference to your letter No. 146
dated 4th instant, I have the honor, by
order, to forward letter No. 63 dated 28th
instant from the Surgeon General British
Medical Service with enclosure (the
returned) and to state that His Ex-
cellency the Commander-in-Chief con-
curs with the Medical authorities
regarding the proposed removal of the
old Hospital buildings at Ponnammallee.
2. Letter from the Super Engineer No.
1975 dated 23rd ultimo and plan are
returned.

I have &c
Signed H. O'Connell B. G. S.
Quartermaster General
(True copy)
H. M. B. S.
Col A. E.
Super Engineer, Ching Japah

No. 2824

Chingleput Superintending Engineer's Office.
Saint Thomas' Mount, 17th Oct. 1877

From

THE SUPERINTENDING ENGINEER,
Chingleput.

Pattenfanden ^{Chingleput} Engineer
21/4/79.

Roads and Buildings Branch

My dear Major Pennycook

I shall be much obliged if you will kindly let the bearer of this have the site plan of Poonamallee Hospital - The plan is required for use of Committee which meets at the Hospital tomorrow morning to consider

the honor to request sanction the arrangements made by Poonamallee buildings are recorded in 2nd June 1874 Military forwarded with Public P. 159 of 13th idem.

these proceedings the proposed the removal of the temporary hospital and of portion of the East and West blocks as shown in black on plan A; and the construction of a new hospital as shown in yellow 3. The existing buildings are very low, single storied, tiled. the new hospital is double storied and lofty. it was supposed that the

From

THE SUPERINTENDING ENGINEER,

Chingleput.

whether it is advisable
to remove any of the
old buildings which
surround the Hospital
from the

Chingleput
Major Perry and R. G.
Deputy Chief Engr.

Roads and Buildings Branch

the honor to request sanction
the arrangements made by
a Poona Muller buildings
proceedings are recorded in
of 2nd June 1874 Military
to forwarded with Public
No. 159 of 13th idem.

in these proceedings the
proposed the removal of
the temporary hospital and of portion
of the East and West blocks as shown
in black on plan A; and the construction
of a new hospital as shown in yellow
3. The existing buildings are very
low, single storied, tiled. the new
hospital is double storied and
lofty. it was supposed that the

No. 2824

Chingleput Superintending Engineer's Office.
Saint Thomas' Mount, 17th Decr. 1877

From

THE SUPERINTENDING ENGINEER,

Chingleput.

To

The Chief Engineer,
Roads and Buildings Branch

Sir,

Enc: 4
2 Plans
2 Copies of
Letters.

I have the honor to request sanction for altering the arrangements made by Committee on Poonamallee buildings whose proceedings are recorded in G.O. No. 1739 of 2nd June 1874 Military Department forwarded with Public Works G.O. No. 159 of 13th idem.

2. In these proceedings the Committee proposed the removal of the temporary hospital and of portion of the East and West blocks as shown in black on plan A; and the construction of a new hospital as shown in yellow.

3. The existing buildings are very low, single storied, tiled. the new hospital is double storied and lofty. it was supposed that the

Please let the
Revenue have the
Plan -

S
Subscribed. used
U. Y.

Amid
21-12-77

leaving of ward I would not make
- really interfere with the new building;
but it is very unsightly; and as it
will not cost more to remove it and
to leave an equivalent quantity of the
East block which it was intended
to remove. (the changes as proposed
are shown in plan B) I laid the
matter before the Officer Commanding
Poonamallee. who has referred it to
the Military and Medical authorities.
I enclose copies of the replies received,
and request that I may be authorized
to carry out the modified arrangement.

4. Ward K is also very unsightly
but it is an Apothecary's Quarter, and
its removal will entail some additional
expenditure; but I hope to arrange
for this from savings effected by Serjt.
Cord's good management.

5. The ground occupied by the
Ball Alley will afford a very good
site for it and for the additional quarters
proposed for which funds are not
yet allotted.

I have the honor to be
Sir

Your most obedient servant

H. S. S. by. Colonel R. E.

Super Engineer Chingleput

From the Sup^r of Engineer
Chingleput District

His No 159 of 13th June 1874.
" " 127 of 19th Nov 1873.
G.O. " 2527 of 27 May 1875 Milit.
" " 384 of 12 Feb 1876 Milit.
" " 535 of 26 April " Milit.
" " 2079 of 26 April " Milit.
" " 14023 of 5 June "
" " 2176 of 18 August "
" " 86 W of 16 May 1877
" " 1032 of 14 April 1875

No-2824

Dated 17th } October 1877
Rec^d }

No. of Enclosures 4

2 Plans sent 8-11-77 to Mr. (Chin-
-Sept 7th with memo: 3782 of 8-11-77

Poonamallee Buildings
- Requests sanction
to alter the arrangements
made by Committee on.

No-116a

* 2 Plans sent to Mr. Asher Asst Secy
for Hospital Committee vide his
Dini off^r not attached to this ang.
G.O. No 1617 of 4/12 Nov 1877

Remarks by His Grace the Governor, on letter
No 2824 of 17th October 1877 from the Sup^r
Engineer, Chingleput

The Governor visited
Poonamallee - on the subject
of these papers on the 25th Inst
and after inspecting the new
and old buildings is strongly
of opinion that no decision
is now necessary or should
be given as to the existing old
buildings until the New
Hospital is completed and
it is ascertained by experience
which of the old, if any, are
obstructions to circulation
of air - and what it is
necessary to retain.

Another year must elapse
before that can be well
ascertained.

2. The Governor found

the progress made with the
new buildings very creditable
to the Officers responsible
and the style of work shows
close attention by the im-
-mediate superintendence Lieut.
Lord - Care is required in
examining and rejecting
timber - he had very properly
rejected some which were on
the ground - and will doubt-
-less reject more - He should
be supported in rigidly
adhering on this point to
the exact terms of speci-
-fication and if contractors
are certain that all defective
or deficient timber will be
rejected, time will be saved
in the work and money
also to the Contractor who
will not then waste labor
in working up defective
timber - the chance of
its

its defects being overlooked -
As regards the design of the
building, the Governor con-
-siders that certain points
need careful consideration
at once -

1st The ventilation of the
long lower wards appears
deficient to a casual observer -
the wards are long with
wide verandahs - the door
and window openings are
somewhat low in proportion
to the height of ward -
hence a large mass of air
will remain between that
level and the ceiling -
the only means for change
of which are in (a ward)
probably 130 feet long 18
round apertures $4\frac{1}{2}$ inches
diameter (9 on each side)
leading into vertical tubes
of same diameter carried
up

up in the wall - these
apertures will be further
diminished by being covered
with perforated zinc to keep
out insects &c.

Moreover the openings of
these ventilating tubes are
3-6 inches below the ceiling,
thus leaving that stratum
of air absolutely without
change - The whole appear-
ance of the ward is that
it would be insufficiently
ventilated for even an
English Hospital.

These remarks apply
to all the lower wards.

The staircase with
round corners and narrow
winders seems extremely
ill suited for an Hospital
where invalids or injured
men must frequently be
carried

carried up or down and
would be very inconvenient,
indeed hardly safe for feeble
invalids.

The Lavatories are not fitted
but appear cramped in size
for the numbers and if they
are so will entail much
discomfort - Much however
on this depends on the ultimate
arrangement of fittings -

The Latrines can only be
described as narrow badly
lighted dens. It will be
hardly credited that the
entrance doors are too
small for any ordinary man
to walk through - the extreme
size of opening of door frame
being 5 ft. 8 in. in height,
1 ft 6 1/2 in. in width - the

available

available width will be
reduced to 1 ft 5 ³/₄ in. when
the door is hung - This
arrangement is stated to be
strictly according to design
and plan - The result is that
an ordinary sized man can
only enter sideways with
legs bent - There not being
room to stoop body and head.
That if a man fainted inside,
he could only be got out by
being drawn out edgewise -
he could not be carried out
even edgewise as the
carrying person could not
pass through with a body
in his arms - The Governor
is not aware by whom this
portion of the plan was
prepared, but it is not
creditable to the officer who
planned it, should he
immediately altered and
never

never repeated -

No arrangement appears
to have been made for water
supply - If carried in the
same manner it may be
doubted whether the single
stair and the doors of
lavatories are well suited
or sufficient -

The points noted need
immediate attention as
the last wing will very
shortly be ready for
occupation -

(Signed) B. H.
26. 10. 77

H. C. L.

11.11.1878
 737
 returned under P.W.D.

At the 17th Nov 78. I have been informed, in
 a letter from the Supg. Engineer Chingleput
 dated 17th October 1877, that the
 Government of Madras have
 decided to build a new
 hospital at Chingleput.

FOR ORDERS.

For the Col. R.E.
 Secy to Govt. P.W.D.

Fort St. George }
 22 Oct 1877

The Gov. has been informed on the subject of
 these papers. On the 25th inst. - and after inspecting the
 old buildings is strongly of opinion that no decision
 is now necessary. or should be given as to the existing
 old buildings until the new Hospital is completed. It is
 ascertained by experience which of the old - if any are
 obstructive to circulation of air - and what it is
 necessary to retain - another year must elapse
 before that can be well ascertained -
 The Gov. found the progress made with the new building
 very creditable to the officers responsible & the style of
 work shows close attention & the immediate supervision
 of the Govt. is required in examining & rejecting the
 work. He had very properly rejected some of the
 work & will direct report more - He

should be supported in
study rigidly adhering to the
spirit to the exact terms of
specification. & if uncertain
are certain that all defective
or deficient timber will be
rejected - time will be saved
in the work & money also to the
contractor who will not then
waste his force in working up
defective timber on the chance
of its defects being overlooked.

As regards the design of the
building - the J.C. considers that
certain points need careful
consideration at once -

The ventilation of the long
lower wards appears deficient
& a canal overhead -

The wards are long with
wide verandahs - the door
windows openings are somewhat
low in proportion to the height
of ward - hence a large
mass of air will remain
below that level &
the ceiling - the only means
of change of which are - in
(a room) probably 120 feet long
18 round apertures $4\frac{1}{2}$ inches

diameter (9 on each side)
leading into vertical tubes of
same diam. carried up in
the wall - there
apertures will be

FOR ORDERS.

further diminished by being
covered with perforated zinc
& keep out insects &c -

Moreover the openings of
these ventilating tubes
are 3-6 inches below
the ceiling - thus leaving
that stratum of air
absolutely without change
The whole appearance
of the ward is that it
would be insufficiently
ventilated for an English
Hospital -

These remarks apply to
all the lower wards -

The stair case with ^{round}
corners - and several
windows seems extremely
ill suited for an Hospital
where invalids or injured
men must frequently be
carried up & down - & would
be very inconvenient. Indeed
hardly safe for public use.

The lavatories are not
sited - but appear cramped
in size for the members -
& if they were so - with suitable
much discomfort -
Much concern on this

depends on the ultimate
arrangement of fittings

The latrine can only
be described as narrow
badly lighted dens -

It will be hardly
credited that the
entrance doors are too
small for any ordinary
man to walk through -

The extreme size
of opening of door frame
being 5-8 in height
and 1-6 $\frac{1}{2}$ in width
the width will be reduced
to $1\frac{5}{8}$ when the
door is being -

This arrangement is
stated to be strictly according
to design & plan -

The result is that an
ordinary sized man can
only enter sideways
with legs bent - there
not being room to stoop

body & head -

That if a man
fainted inside - he
could only be got out
by being drawn out
edgeways - he could
not be carried out even
edgeways as the canopy
screen could not pass
through ~~with a body~~
in ~~an~~ ^{an} ~~eyes~~ ^{eyes}
~~to get out~~ ^{to get out}

As this ~~canopy~~ ^{canopy} ~~screen~~
requires immediate
attention, temporary
arrangements must be
made ~~without~~ ^{without} ~~undue~~
expense

The ~~pr.~~ is not aware
of a man ~~the~~ ^{the} ~~position~~
of the plan and ~~purpose~~
but it is not desirable
to the officer who planned
it - should be his ~~immediate~~
attention & never repeated -

No arrangement

Appears that the
made for ~~containing~~
of ~~canopy~~ in ~~the~~
When it ~~may~~ be
doubtful ~~whether~~ the
single stair - The
doors of ~~lavatories~~ are
well suited for ~~supplying~~

This point ~~the~~
The points ~~of~~ ~~the~~ ~~need~~
the moderate ~~attention~~
as the ~~best~~ ~~any~~ ~~will~~
very shortly be ~~necessary~~
occupation

Sig. 26
Ho

W. H. H. H. H.

No. 3271

Chingleput Superintending Engineer's Office,
Saint Thomas' Mount, 9th Nov 1877.

From

THE SUPERINTENDING ENGINEER,
Chingleput.

To

The Chief Engineer
Roads and Buildings Branch.

Sir,

Enclosures 2.
2 Plans.

With reference to your Memo No.
3782 of 8th inst. I have the honor to
forward the plans of the Military
Hospital now under construction
at Ponnammallee.

I have the honor to be
Sir

Your most obedient servant

P. J. Connell Colonel R.E.
Super Engineer Chingleput

From
The Superintending Engr.
Chungliput Dist.

N^o 3271

Dated 9th }
Received: } November 11

En: 2

Plan - forwards —
of Military Hoapl now
under construction at
Ponnammallee.

11/11/77

W.S.

Public Works Department.
No 161745
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 12 Nov 77
Read the following:—

From,

The offg. Engr. Chungliput } (H.C. No 2324 & 14th Oct 77)
Chungliput } 3271 - 9 Nov 77

His Grace the Governor
in Council having
permanently decided the
Ponnammallee Hospital,
to be that the old
buildings shall not
be encroached with, and
until the new Hospital
is completed and it is
ascertained by experience
which, if any, of the
old buildings is an
obstruction to the
free circulation of air.

His

30-8-93

may be also remedied.

P. W. Deptth

N^o 1617 W.

1- Inconvenience of the
principal stair case.

Proceedings of the
Madras Government

2- Want of space in
lavatories.

Dated 12 November 1877-

3- Want of entrance
way to latrines their
general inconvenience
of design. (Tina Ty)

No arrangement
appears to have been
made for water supply
and the single doors to
lavatories are not
convenient.

CAF Wk
10.11.77

N^o 116a-116b.

* M 5 with original file (the
returned) 12/11/77

C. E. Mr D ✓
D E (single) 5
Mtg Dept 14
M Dept 17

From

The Superintending Engr.
Chungluput Dist.

N^o. 3271

Dated 9th }
Received : } November 11

En: 2

Plan - forwards —
of Military Hoeph^l now
under construction at
Ponnammallee.

K.S.

10/11/77
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 12 Nov 77

Read the following:—

From,

The Superintending Engr.
Chungluput Dist.

His Grace the Governor

in Council having
perused the plan for the
new Military Hospital,
and that the old
building shall not
be demolished until the new Hospital
is completed and it is
ascertained by a person
which, if any, of the
old building is an
obstruction to the
circulation of air.

His

His Grace places on
record the credit due
to the responsible officers
for the progress made in
the construction of the
building and especially
notes his satisfaction
in reference to the style
of work done and the
close attention given to
it by the subordinates
in immediate charge.
and remarks that great
care should be taken
in the selection of timber
for its use, much of which
he observed on the ground
required rejection.

The specification should
be rigidly adhered to
and all timber showing
the slightest signs of

27th
unnecessary ~~expenditure~~
or deficiency in quantity
must be reported.
In regard to the materi-
als of the building
His Grace in Council
remarks that he
deems that provided
adequate and likely
the building will
be well built in
structure & the
ability required for
its construction and
improvement.

His Grace further
calls the attention
of the Chief Engineer
to the following defects
which he desires