

(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.	915	Press
B.P. No.		Mis.
565-566		
Dated	24-3-	1873.

Not to be folded or roughly handled

No. 565. Read the following letter from Lieutenant-Colonel W. J. WILSON, Inspector General of Jails, to the Secretary to Government, Public Works Department, dated Madras, 3rd March 1873, No. 31:—

Public Works Department, 20th February 1873,
No. 561. WITH reference to the Order noted in the margin, I have the honour to state that when at Madura in January last I was shown a latrine near Tirumal Naick's Palace, which had been designed by Colonel Roberts, but was not quite finished. I did not make a note of the measurements, nor did I examine the building so minutely as I would have done had I thought it was in contemplation to use the plan for jails. As the latrine had not been used, it is not easy to pronounce upon the efficiency of the plan, but I think it is open to the following objections:—

I.—The building has no roof.

II.—The partitions or seats are not long enough, the probable consequence of this will be that the persons using them will micturate on the ground in front of them, which, being unprotected by asphalt, will soon become foul.

III.—I do not remember whether it is proposed to clean this kind of latrine by means of apertures in the back wall, as is done in those on the Coimbatore plan. Such an arrangement may be advisable when the building is intended for the use of the inhabitants of a town, who may come at all hours; but it is not required in jails, where the prisoners are marched to the latrine at a particular time. Moreover, latrines are more quickly and effectually cleaned by sending the scavengers inside than by making them rake the matter out through a hole in the wall.

2. In my opinion the latrines at Central Jail Hospitals are the simplest and the best. This plan was adopted at the Penitentiary a few years ago with certain modifications, namely, the substitution of a corrugated iron roof instead of tiles, and an increased quantity of honeycomb work in proportion to that of solid wall. These latrines consist of an asphalted trough, which may either be sunk below the level of the floor or raised above it. The whole floor is asphalted, and there is a place for ablution and also for a covered bucket to be used as a urinal. The latrine at the District Jail at Ootacamund, built some five years ago under Colonel Farewell's direction, is of the same description. It has been used daily by a large number of men, and the asphalt seems as good as ever.

3. The only advantage I see in the Madura plan is that there is some approach to privacy, because the seats are separated from each other by low partition walls; but as persons using the latrine are seen by those who may enter after them, or who may quit the place before them, there is not so much gained as to lead me to recommend the plan for adoption in jails in preference to that described above.

4. I take this opportunity to make a few suggestions with reference to the Coimbatore plan of latrine. The gutter or channel in front of the seats, and which is intended to carry off the urine, ought to be deeper and broader than it is, and the use of a bucket, to be kept constantly in the cistern outside into which the

Proceedings of the Madras Government, Public Works Department, •
24th March 1873.

gutter leads, ought to be insisted upon as absolutely necessary in order to keep the cistern and the ground from becoming offensive. The gutter ought to be asphalted and also a portion of the floor on each side of it, say to the extent of 18 inches on the outer side, and up to the end of the seat on the inner side. The rest of the floor may be of rammed earth, which will be cheaper than brick in the first instance, and can be easily renewed when necessary.

No. 566.

ORDER THEREON, 24th March 1873, No. 915.

CIVIL WORKS, No. 35.

UNDER the opinion expressed by the Inspector General of Jails the Madura pattern of latrine will not be

introduced into any Central Jails. Its suitability for Municipalities and Cutcheries should be reported on after sufficient trial where it has been adopted.

2. The suggestions in paragraph 4 of Colonel Wilson's letter are commended to the attention of all District Engineers and Presidents of Local Fund Boards.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the Inspector General of Jails.
.. District Engineers.
.. Judicial Department.
.. Inspecting Engineer for Buildings.
To Major R. B. Kennedy.
To the Financial Department.

Exd. S. T. Austin.

No. 31
Sir,
Lieut. Col. W. J. Wilson
Inspector General of Jails
Colonel G. W. Walker R.E.
Secretary to Government
Public Works Department
Fort St. George
Sir,
With reference to the order noted in the margin I have the honor to state that when at Madura in January last I was shown a latrine near Tirumala Nayaka Palace which had been designed by Colonel Roberts, but was not quite finished. I did not make a note of the measurements, nor did I examine the building so minutely as I should have done had I thought it was in contemplation to use the plan for jails. As the latrine had not been

been used it is not easy to pronounce upon the efficiency of the plan but I think it is open to the following objections.

- I. The Building has no roof.
- II. The partitions or seats are not long enough. The probable consequence of this will be that the persons using them will micturate on the ground in front of them which being unprotected by asphalt will soon become foul.

III. I do not remember whether it is proposed to clear this kind of latrine by means of apertures in the back wall as is done in those on the Comibato plan. Such an arrangement may be advisable when the building is intended for the use of the inhabitants of a town.

town who may come at all times, but it is not required in jail where the prisoners are marched to the latrine at a particular time. Moreover latrines are more quickly and effectually cleaned by sending the scavengers inside than by making them rake the matter out through a hole in the wall.

In my opinion the latrines at Central Jail Hospital are the simplest and the best. This plan was adopted at the Penitentiary a few years ago with certain modifications viz the substitution of a corrugated iron roof instead of tile and an increased quantity of honey comb work in proportion to that of solid wall. These latrines consist of an asphalted trough which may either be sunk below the level

level of the floor or raised above it.
The whole floor is asphalted and
there is a place for ablutions and
also for a covered bucket to be
used as a Urinal. The latrine at the
District Jail at Coimbatore built
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Farnell's direction is of the same
description. It has been used
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in the Madras plan is that there
is some approach to privacy, because
the seats are separated from each
other by low partition walls, but as
persons using the latrine are seen by
those who may enter after them, or
who may quit the place before them,
this

there is not so much gained as to lead
me to recommend the plan for
adoption in jails in preference to
that described above.

4. I take this opportunity to make
a few suggestions with reference to
the Coimbatore plan of latrine. The
gutter or channel in front of the
seats, and which is intended to
carry off the urine ought to be
deeper and broader than it is, and
the use of a bucket to be kept
constantly in the cistern outside
into which the gutter leads ought
to be insisted upon as absolutely
necessary in order to keep the cistern
and the ground from becoming
offensive. The gutter ought to be
asphalted and also a portion of
the floor on each side of it
say

90
say to the extent of 18 inches on
the outer side, and up to the end
of the seat on the inner side.

The rest of the floor may be
of rammed earth which will
be cheaper than brick in the first
instance, and can be easily re-
newed when necessary.

I have the honor to be,
Sir,

Your most Obedient Servant

Wilson

Inspector General of Jail,

Madras

3rd March 1873.

112
No 915 P.H.D.

Proceedings of the Madras Court
Read the following:-

from

The Inspector General
of Jails:

(H.E. No 31 of 3rd March/73)

Under the opinion
expressed by the Inspector
General of Jails the
Madura pattern of
Latrine will not be
introduced into any
Central Jails. Its
suitability for Muni-
cipalities and Cutcher-
ries should be reported
on after sufficient
trial

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Recd 20 Feb 73 20463
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P.M. 8/3/73
The Inspector General
of Jails

2
of Jails

Madras Court

P.H. 2.

For M. Group

Order 31 March 73.

No 915-26 "March 73.
A. 31

Regarding plans of
latrine designed by
Colonel Roberts in the
District of M.D. 1/73.

For M.D. 1/73.
L. R. S. S. S.
Chief Secretary

No 565

Encl. 1/73 Q. 14.

trial where it has been
adopted.

The suggestions
in para 4 of Colonel
Wilson's letter are com-
mended to the attention
of all District Engineer
and Presidents of Local
Fund Boards.

G.M.W.

C/PH 35

Govt. of 1873 Madras.

PUBLIC WORKS.

The Inspector-General
ofails

Encl.

Encl.

Encl.

24 March 1873.

Nos 565 & 566

Latrine. Papering orders
on letter from the Inspector
General ofails reporting
on the Madras pattern
of latrines.

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Nos. 565. 66.

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To The Inspector General of
Public Works
" District Engineer
" Public Works
" District Engineer
" District Engineer
" District Engineer
" District Engineer

610/11/11. Date 26/3/73