

(1) பக்குவதரின் எண்ணிக்கை

(2) புதுக்கித் திருப்பிய நாள்

(3) ஆதாரப் குறிப்பவர் சுருக்கியம்

98

பிப்ரவரி 1992

1992

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பெருப்பணித் துறை

அரசாணை எண்.

மு. கோப்புத் தாள் எண்.

3050

அச்சகம்

பலவகை

நாள் :

8-11-1892

199

மடிக்கவோ துண்டியடி கையாளவோ கூடாது.

பி.கே.

ஆவண. கர. 1-18,006-6-9-90.

3050

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

G.O., dated 27th June 1892, No. 432 A., Public.

Read—the following paper:—

Procs. of the Public Works Department, dated 16th May 1892, No. 1506 W.

ABSTRACT.—Regarding estimate for latrine for Teachers' college, Saidápet.

Order—dated 27th June 1892, No. 432 A., Public.

Communicated to the Sanitary Engineer with the request that he will prepare and submit designs of latrines of different sizes in view to standards being sanctioned and typed.

2. Separate orders will issue on para. 2.

(True Extract.)

(Signed) D. COWIE,
Ag. Asstt. Secretary.

Note by the Chief Engineer, Public Works Department.

The Chief Engineer considers that it is hardly practicable to draw up type designs of latrines which will be applicable to all the circumstances under which such structures have to be designed and that it will be sufficient for the needs of the Department of Public Works if designs Nos. 2, 4, 7 and 8, as prepared by the Sanitary Engineer, which show generally the arrangements considered suitable for both the pail and dry earth system, be circulated to officers of the department.

2. Modifications which circumstances may require, such as a combination of both systems, the substitution of corrugated iron for brickwork, or the provision of roofs, can be dealt with in Executive Engineers' offices. One-hundred and fifty copies of each of the four designs mentioned will be required.

10th August 1892.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

No. 146 D.

Transferred to the Public Department.

10th August 1892.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

G.O., dated 18th August 1892, No. 566, Public.

Read—the following papers :—

From the Sanitary Engineer to Government, dated 5th July 1892, No. 1261.

Memo. from the Public Works Department, dated 10th August 1892, No. 146 D.
ABSTRACT.—Regarding type designs of latrines.

Order—dated 18th August 1892, No. 566, Public.

The Sanitary Engineer will supply the Chief Engineer, Public Works Department, with 150 copies each of designs 2, 4, 7 and 8.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

From J. A. JONES, Esq., M.INST.C.E., F.R.S.E., Sanitary Engineer to Government, to the Chief Engineer, Public Works Department, dated 26th October 1892, No. 2341.

In compliance with G.O., No. 566, dated 18th August 1892, Public, I have the honour to forward, herewith, 150 copies each of the designs of latrines Nos. 2, 4, 7 and 8, receipt of which please acknowledge.

ORDER—dated 8th November 1892, No. 3050 W., Public Works.

The foregoing papers will be communicated, and the type plans forwarded, to officers of the Public Works Department for information and guidance.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To Superintending Engineers,
„ the Consulting Architect to Government.

Exd. A. D. Xavier.
Spare Copies

2
3050

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of {1892} Madras.
PUBLIC WORKS.

Dated November, 8th.

Recd.

Encl.

G.O., 8th Nov. 1892, No. 3050 W.

NOVEMBER.

Latrines

Correspondence on the subject of — with
type plans thereof, communicated to officers
of the Public Works Department.

26 J

Public Department.
Read the following paper:—
No. 132 A. Public
Works, dated 2/3050



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

Proceedings of the Public Works Department, of
16th May 1892, No. 1506 W. regarding estimate for
latrine for Teachers' College, Saidapat.

Order, 27th June 1892, No. 432 A.

communicated to the Sanitary
Engineer with the request that he will
prepare and submit designs of latrines of
different sizes in view to standards being
sanctioned and typed.

2. Separate orders will issue on para 2.

True Extract
Dromil

Ag. Secy. Sanitary

2

The Public Works Department.
" Sanitary Engineer.

Gobt. of 1897 Madras.

To

The M.D.

Recd. 2.7.92.

Proceedings, dated 27.6.1891.
No. 4828

Subject.

Regarding preparation
of designs of
latrines of different
sizes in view of
standards being
sanctioned by the

For revision
over
noted
D.

No. 1925 Wd/2nd July '92

Recorded.
Recorded.

27th
2.7.92

S. V.

1/10

9-1-97-3-6/7

From the Sanitary Eng^r to Govt. No. 1261 of 5th July 1892
Encl^d thereon by the Public Dept. No. 1219 of 12th July 1892

Note by Chief Engineer P.W.D.

The Chief Engineer
considers that it is
hardly practicable to
draw up type designs of
latrines which will be
applicable to all the
circumstances under which
such structures have to
be designed, and that
it will be sufficient for
the needs of the Dept. of
P.W. if designs nos. 2, 4, 7
and 8 as prepared by
the Sanitary Engineer, which
show generally the
arrangements considered
suitable for both the
pail and dry earth

3/10

system, be circulated
to officers of the Dept.

2. Modifications which
circumstances may
require, such as a
combination of both
systems, the substitution
of corrugated iron for
brickwork, or the pro-
vision of roof, can be
dealt with in Executive
Engineers' offices. 150
copies of each of the four
designs mentioned
will be required.

S. E. W.

Transferred to the
Public Department.

S.

W.

The Public Department.

A 1506 W of 16-5-92
B. 1925 W of 2-7-92

Government of Madras.

189 .

P. W. DEPARTMENT.

CURRENT No. 7238.

From

The Public Department

No. 1219

Dated 12-7-92

Received 13-7-92

Enclosures 9 (8 plans)

SUBJECT.

Type designs - Referring for
remarks letter from the
Sanitary Eng^r to Govt.
forwarding — for latrines,
concealment carts & for a
slaughter house —

Note by the Chief Eng^r.

P.W.D. d 10 Aug/92

No 146 D of 10-8-92

Transf'd to the Public Dept.

(Sd) J. P. W.

4 Rice
Dept. with 11 under
(6-9-92)
10/8

4-9-92 J 6/7

Public
Department.



7
3050

PROCEEDINGS OF THE MADRAS GOVERNMENT

only, dated 18th August 1892, No. 566, Public
Read the following paper:—

From the Sanitary Engineer to Government, d 5 July 1892
No. 1261.

Memorandum from the Public Works Department, d 15
August 1892 No. 146 D.

Regarding type designs of latrines.

Abstract. — Order dated 18 August 1892 No. 566, Public

The Sanitary Commission will
supply the Chief Engineer, Public Works Department,
with 100 copies each of designs 2, 4, 7 and 8.

(Dumbarton)

J. F. Price, / K. Leach
Under Secretary, P. W. D.
Chief Secretary for Chief Secretary

The Public Works Department
Sanitary Engineer

P. W. CURRENT No. 8575

Gobt. of Madras.

To

The Public Works Dept.

Recd: 23-8-92

Proceedings, dated 18 August 1892
No. 566.

Subject.

Directing the Sanitary
Commissioner to supply
the Chief Engineer & W.
Dpts with 150 copies of
each of certain designs
of latrine.

Amv the design

over
5/10

Form A.

No. 2341

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Fort St. George, 26 October 1892.

Supd. 27 Oct 1892

From

J. A. JONES, Esq., MEM. INST. C.E., F.I.C.E.,

SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Engineer,

Public Works Dept.,

SIR,

In compliance with G. O. No. 566
dated 18th August 1892, Public, I have the
honor to forward herewith 150 copies each
of the designs of latrines No. 2, 4, 7 and
8, receipt of which please acknowledge.

I have the honor to be

Sir,

Your most obedt. Servant

[Signature]

Sanitary Engineer to Govt.

l/bm

P. W. CURRENT No. 10774

Menu No. 146 D 8-10-8-92
 for B. W. 1925 W 8-2-7-92
 1506 W 8-16-8-92
 1836 W 8-6-7-91

No. 146 D of 10-8-92
 1925 W of 2-7-92
 1506 W of 16-8-92
 1836 W of 6-7-91
 2714 L of 23-10-90 Local Manual
 1971 L of 8-8-90
 Enc No. 8575 of 92

2/11
 28/10

old 172-10 17-11-92

10/10

Ind by 9-10
 Retire 11-11-92
 Retire 11-11-92
 The Cy. Corp. Lenders
 Kindly, kind
 is handy practical
 I draw up list
 Series of letters
 which will be
 applicable to the
 the animation under
 which such structures
 have the designed
 The designed
 and
 which last 2
 but to be sufficient
 for the needs of
 the Dept. of the
 receipts No. 2. 4. 7
 8 as prepared
 by the Law Corp.

3052
What in the
the arrangements
considered
treated for the
the part of any such
system be considered
Officers of the Dept.

Modifications the
circumstances may
require, such as a
combination of both
systems, the substitution
permitted in the
provisions of the
can be dealt with
in the Dept's office.

150 copies each of
the four designs mentioned
will be required -

DM
S.P.C.
To the Public Works Dept.

Public Works Department

Current No. 7-38

Letter No. 1519

Dated 15th July 1890

From the Public Works Dept.

TECHNICAL NOTE.

Types designs of latrine covers.
covering seats for a chamber
house.

In C.O. No. 432 dated 27th June
1890 (Public) the Sanitary Engineer
to Govt. was called on to submit
designs of latrines of different
types for the information of Govt.
in view to the designs being some-
times to be typed. The accompanying
plans are now submitted
with reference to the above order.

The designs submitted are
carefully drawn up to the ar-
rangements proposed appear
to be suitable for the purpose
intended. Few of the designs
are prepared on the "Dry earth
system" & others on the "Bucket
system."

Designs Nos. 2, 3 & 4 are on the
"Dry earth system" they appear
to provide for all that is nec-
essary with seats & other
arrangements.

arrangements for the reception of excreta, collection of urine & for the storage of earth except with the following comments.

Design No. 3. The proposed in: turn arrangement in this design does not appear to be suitable as the sink or urinal slopes into the urine drain which it is thought may be considered as objectionable as urine fluid excreta is likely to be retained in the drain just in front of the person using the seat also no arrangement is made for an earth bin.

Design No. 8. has not much privacy for want of partitions between seats as in plans No. 2 & 3, it is thought that if partitions, the convenience would be much greater.

Of the three designs on the dry earth system design No. 2 appears to be the most suitable. It provides for a drain at back for the collection of excreta & for a drain in front to carry away urine & washings. It also provides for an earth bin, water cistern & washing platform & is roofed in. Design No. 8 also appears suitable only that partitions are not provided.

Designs No. 4, 5 & 7 are on the bucket system & they provide for

for all that is necessary except Design No. 4 ^{which} has no washing platform & water cistern.

Design No. 5 is for private houses. The arrangement proposed does not appear to be suitable. Windows generally prefer the pint system with it being open & easily cleaned. The platform with brackets as now designed are liable to retain foul air & vermin generally like refuse after some time under the foot rest etc.

Of the two separate systems of public latrines it is thought that the dry earth system is the most suitable for this. Also design No. 2 appears to be the best arranged. If this design be selected it may be built of either masonry or iron as thought best. The materials of construction proposed are fair concrete ^{being built} of masonry & cover of iron & is in all cases the floors ^{properly} can be cement plastered. No tarring is provided for the iron work & for the walls.

Design No. 1. Slaughter house. The arrangement proposed

proposed appears suitable but
 it is thought that a partition
 of corrugated iron may be erected
 across the open space length-
 ways, across to separate the
 slaughtering of bullocks from sheep
 also a lean to shed may be
 built outside for cattle to
 stay in before being brought
 in to the slaughterhouse. The
 floor of the slaughter house is
 also proposed to be plank-
 ed with cement.

~~100~~
 27-11-92

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

13/10/92
 Read the following

G.O. 277 June 1892, L₁ 432 A. P. P. P.
 Note by the Ch. Secy. P. W. Dept 27.10.8.92
 G.O. in P. W. Dept 27.10.8.92 L₁ 146 D.
 G.O. 27 18 Aug. 1892 L₁ 566 P. P. P.
 From the Sanitary Engineer to Govt. L₁ 2341 26.10.92

The foregoing
 papers will be com-
 municated, and the
 type plans forwarded,
 to officers of the P. W. Dept
 for information &
 guidance.

Shen

20 Sept 92
 C. A. G. Govt

5/10/92

Cu

C No 10774

Govt. of {1892} Madras.

PUBLIC WORKS.

Dated

Recd.

Recd.

G.O. 8th November 1892 No. 3080. W.

Latitudes

Correspondence on the
subject of — with type
plans thereof, came to officers
of the P.W.D.

160
10

2-8/11

J.C. 8/11