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3083
28/11/1893

P. M.

3063
1
28TH NOVEMBER 1893, No. 3063 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chépák, 6th November 1893, No. 2325.

In continuation of this office letter No. 3354, dated 10th February 1893, I have the honour to submit detailed drawings of gallows as erected at the Madras Penitentiary to be issued as a type plan. If necessary, the drawings may be lithographed to one-half their present size. A specification is also enclosed.

ENCLOSURE.

Specification for erecting gallows similar to the one at the Penitentiary, Madras.

Drawing No. I is a sectional plan of the masonry work with platform and gibbet removed.

Drawing No. II is a plan above all, one-half of which shows the platform and shutters and the other half the framing underneath.

Drawing No. III is a cross section on line C D.

Drawing No. IV is a longitudinal section through A B.

A A are the holes in which the gibbet uprights are fixed. B is a recess in the rear wall so as to allow room for the drop bar to get behind the spring. C is a plank 1' 6" square by 1" thick bolted to the wall with 1" bolt to which the spring is riveted or bolted. D is a rectangular opening in the front wall to allow access to the fall pit to remove the body. E is a cross bar in two pieces fixed in the masonry at the extreme ends with the drop bar working on an iron axle 1" diameter, the hole in the end of the drop bar being made a little larger in diameter than the axle rod to allow the drop bar to work easily. F is the drop bar with a piece of flat iron $2\frac{1}{4}' \times 3' \times \frac{1}{2}"$ riveted to the end of it on the lower side. This flat iron in descending strikes the top of the spring which bends and allows the drop bar to get behind it into the recess B, regaining its upright position before the drop bar comes back and preventing it swinging forward and striking the body in its descent. G G are the falling shutters attached to the frame work by three strong iron hinges 6" long to each shutter. H is a lever with spring to support the end of the drop bar when in position. J J are the iron hinges referred to and should be strong and well fitted to the frame and shutters to stand the sudden strain when the shutters drop.

The mode of working the apparatus is as follows:—

The shutters G G are raised to the level of the platform and held in that position until the drop bar is raised and secured by the lever H. On the signal being given, the executioner presses the upper end of the lever H as shown dotted, which supports the drop bar and releases the catch when the drop bar falls and the shutters with it. The bar is prevented from swinging back by the spring as already described.

ORDER—dated 28th November 1893, No. 3063 W., Public Works.

The drawings of a gallows submitted by the Consulting Architect will be lithographed and issued as a type plan. The specification will be printed.
(True Extract).

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

To Superintending Engineers, }
" the Consulting Architect, } with plans.
" the Judicial Department, }
Ed. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated November 28th.

Recd.

Encl.

G.O., 28th Nov, 1898, No. 3063 W.

NOVEMBER.

Gallows

Ordered that the drawings of a — submitted by the Consulting Architect be lithographed and issued as a type plan and that the specification be printed.

No. 1

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
6th November 1893.

No. 2325

From

Henry Inuin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras.

To

The Chief Engineer,
Public Works Department.

Sir,

2 Enclosures.

+SD 15861 of 15
June 93.

In continuation of this office letter No. 3354 dated 10th February 1893. I have the honor to submit detailed drawings of gallows as erected at the Madras Penitentiary. The issued as a type plan. If necessary the drawings may be lithographed to one half their present size. A specification is also enclosed.

I have the honor to be
Sir

Your most obedient servant,

H. Inuin

Consulting Architect
to Government

No. 7.

Public Works Department.

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS.

To

THE *Chief Engineer*
P.W.D.

No. 2325

Dated

6th

Despatched

Received

7th

Number 1893.

No. of ENCLOSURES.

2 (1 plan)

Subject.

*Submitting detailed
drawings of gallows as
erected at the Madras
Penitentiary to be issued
as a type plan.*

*No. 1586 of 15-6-93.
" 2026 C-13-5-93*

3063
3

Specification for erecting Gallows similar to
the one at the Penitentiary Madras.

Drawing N^o I. Is a sectional plan of the
masonry work with platform & gibbet removed.

Drawing N^o II. Is a plan above all, one half
of which shows the platform & hutters and the
other half the framing underneath.

Drawing N^o III. Is a cross section on line
C. D

Drawing N^o IV. Is a longitudinal section
thru: A. B.

A. A are the holes in which the gibbet
uprights are fixed. B is a piece in
the rear wall so as to allow room for the drop
bar to get behind the spring.

C is a plank 1-6" square by 1" thick bolted to
the wall with 1 inch bolt to which the spring
is rivetted or bolted. D is a

rectangular opening in the front wall to allow
access to the fall pit to remove the body.

E is a cross bar in two pieces fixed in the
masonry at the extreme ends with the drop
bar working on an iron axle 1" diameter,
the hole in the end of the drop bar being
made a little larger in diameter than the
axle

2063
3

Specification for erecting Gallows similar to
the one at the Penitentiary Madras.

Drawing N^o I. Is a sectional plan of the
masonry work with the platform & gibbet removed.

Drawing N^o II. Is a plan above all, one half
of which shows the platform & buttress and the
other half the framing underneath.

Drawing N^o III. Is a cross section on line
C. D

Drawing N^o IV. Is a longitudinal section
thru: A. B.

A. A are the holes in which the gibbet
uprights are fixed. B is a piece in
the rear wall so as to allow room for the drop
bar to get behind the spring.

C is a plank 1-6" square by 1" thick bolted to
the wall with 1 inch bolt to which the spring
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the hole in the end of the drop bar being
made a little larger in diameter than the
axle

ankle rod, to allow the drop bar to work easily.

F is the drop bar with a piece of flat iron $2\frac{1}{4} \times 3 \times \frac{1}{2}$ rivetted to the end of it in the lower side. This flat iron in descending strikes the top of the spring which bends and allows the drop bar to get behind it in the recess B regaining its upright position before the drop bar comes back, and preventing its swinging forward and striking the body in its descent.

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J. J are the iron hinges referred to and should be strong & well fitted to the frame and shutters to stand the sudden strain when the shutters drop.

The mode of working the apparatus is as follows:

The shutters G G are raised to the level of the platform and held in that position until the drop bar is raised, and secured by the lever H. On the signal being given the executioner presses the upper end of the lever as shown in dotted, which supports the drop bar and releases the catch, when the drop bar

bar falls and the shutters with it. The bar is prevented from swinging back by the spring as already described.

Henry Brown
Consulting Architect
to Government

C No. 9458

For orders.

The plan has been approved by the I. G. of Jails who has counter signed it. It may thus, apparently, be at once issued for guidance without formal reference to the Judicial Dept. It will perhaps be sufficient if the draft order is sent to that Dept. for counter initials.

R. A.
7 Nov.

Yes - that will be sufficient.

Let T. report if he can get the 4 drawings into 1 sheet of plain hard dimensions.

O. W.

7.11.93

Ans

The 4 drawings can be got into one sheet of paper

3063

PUBLIC WORKS DEPARTMENT.

No 3063. Wd/28 November 1893

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Consulting Architect to Govt. (H.E. no 2325 of 6 Nov 2 '93)

The drawings of a gallows submitted by the Consq. Architect will be lithographed and issued as a type plan. The specification will be printed.

RECEIVED
1 MAR 94

Suptg. Engineers
Consq. Architect with
Judicial Deptt } plans.

Note.
Plans to T.
Drafts to be held over
till the plans are ready.
It can then be numbered
and dated and sent to
Govt.

File
7.4.94
10/11/92
10/11

es

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8

CW 9455

Colt. of (1893) Madras.

PUBLIC WORKS.

28 Nov 23 3063 W.

Gallows

Ordered that
the drawings of a
calculated by the
Architect be lithographed
and issued as a
type plan, and that
the specifications
be printed.

28/11/23

28/11-

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Go no 3084. 10. 10. 1893.
29. 11. 1893.

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