

(1) Number of pages 6
(2) Date of repair 1/87
(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No.	939 - w	Press.
B.P. No.		Mis.
Dated	8-4-1881	197

Not to be folded or roughly handled

W. Mani

From

THE SUPERINTENDENT,

MADRAS HARBOUR WORKS,

To

Colonel R. H. Sankey, C. B., R.E.
 Secretary to Government P.W. Dept.
 Buildings & Roads
 Fort Saint George
 MADRAS, 2^d March 1881.

Sir,

With reference to G. O. No. 637 W. of March 10th 1881, I have the honor to report further as requested.

2. The raising of the depth of foundation of a portion of the North Pier was suggested by Mr. Parker himself, as he wished to see a more rapid rate of advance than was compatible with so great an amount of excavation as reaching the full depth called for. At first I was anxious to put more pressure on the diving force and get through the heap, but subsequently agreed with him to raise the level of the lower blocks.

3. The design on which I was working was not exactly what Mr. Parker had proposed, and at the point where we agreed to raise the height of foundation the level of the lowest course was 6 feet lower than

Mr.

Mr. Parkes's design. It was on this ground that we both agreed that it was better to raise the level of the blocks than make such heavy expenditure in a double diving force.

4. The actual deviation from Mr. Parkes's design amounts only to a raising of the foundation by 1 foot, from 3740 feet to 3756 feet, a distance of 46 feet. The depths in advance of this length and behind this length are in excess of Mr. Parkes's design.

5. I should explain that the reason for my having carried on the work at the Pier head at greater depth than Mr. Parkes required, was only on account of facilities in construction which makes a very gradual deepening of the courses of blocks desirable. I had begun to deepen the work at 3625 feet, whereas Mr. Parkes proposed to commence deepening at 3700 feet or 75 feet further out.

6. The depths may be compared

by

by the following figures:-

Distance on Pier	Depth below M. S. L.	
	Original design	As executed
3700 to 3720	24. 0"	30. 0"
3720 to 3756	24. 0 to 27. 0"	26. 0"
3756 to 3812	27. 0 to 31. 0"	mostly 31. 0"
3812 to 3870 (end of Pier)	31. 0.	32. 0"

7. The order in question will be forwarded to Mr. Parkes, as will this reply, and I have no doubt he will at once assure the Government that this slight deviation from his design, suggested by himself, in no way affects the present or future solidity of the North Pier.

I have the honor to be
Sir,

Your most obedient servant

J. H. Harrowood,
Superintendent
Madras Harbour Works

J.W. C.A. 1886.

(Lb. No. 837 W. 10-2-81 (orig.))

Buildings &

From
The Superintendent
Madras Harbor

B.M.
Civ. Engr.

No. 939 W. 48 April 1887

Recorded.

No. 938 W.
Dated 21st March
Received 25th

S. G. A.

To the Engineer

The Supt. Mr. H. Cooke ✓
" Secy Mr. H. Cooke ✓
" Marine Dept. ✓ (Recd)

22-4-87

Madras Harbor

Submits report as to
extent of deviation, all
from Mr. Parker's origi-
nal design.

With order

C. 5-4-84.

1888

Govt. of (1881) Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. of April 1881, No. 9396

No.

Madras Harbour Report
from the Inspt regarding
the slight deviation allowed
from the original design
at the north Pier of the
recorded.

35/12