

4

*Proceedings of the Madras Government, Public Works Department,
2nd October 1875.*

No. 39. Read the following letter from J. MAY, Esq., Superintendent, Madras Harbour Works, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 24th September 1875, No. 17 G. :—

1 Drawing.

I HAVE the honor to acknowledge the receipt of your demi-official letter of 22nd instant.

2. A model of a section of the piers, showing the blocks separately resting on their laterite bed, will be put in hand at once.

3. It is proposed to build the pier walls here on the Kurrachee, or leaning, principle, as drawn in side view and end view on the enclosed tracing. The Kurrachee section differs from the Madras section in this, that in the latter the blocks will be tied together by a system of bed joggles, a projection on the upper bed of each block fitting into a corresponding recess in the lower bed of the block above. The object of the joggles is to prevent the sea from drawing a block out of the work without drawing other blocks with it. I have been corresponding with Mr. Parkes during some weeks past as to the exact shape to be given to these joggles.

4. That the form of the Madras joggles, as now proposed, may be clearly seen, a box accompanies this to your address, containing four blocks modelled in teak, to a scale of half an inch to a foot. The pieces of teak numbered 1 to 4 represent the same numbers written on the end view on the accompanying tracing, making, when put on the top of each other on edge, one half of the width of a pier wall.

No. 40. ORDER THEREON, 2nd October 1875, No. 2,842.

CIVIL WORKS, No. 2.

ORDERED to be recorded.

(True Extract.)

Major-General, R.E.
Secretary to Government.

To the Superintendent of Works, Madras Harbour.

Exd. S. T. Austin.
Spare Copies

FROM

THE SUPERINTENDENT

MADRAS HARBOR WORKS,

TO

The Secretary to Government
Public Works Department

MADRAS, 24 September 1875.

I have the honor to acknowledge
the receipt of your demi-official letter of
22nd instant.

2. A model of a section of the Pier,
showing the blocks separately, resting on the
laterite bed, will be sent in hand at once.

3. It is proposed to build the Pier Wall
here, on the Kurachee, or leaning principle
as drawn in side view and end view
the enclosed tracing. The Kurachee sec-
tion differs from the Madras system in that
that, in the latter, the blocks will be tied
together by a system of bed joggles, a
projection on the upper bed of each block
fitting into a corresponding recess in the
lower bed of the block above. The object of
the joggles is to prevent the sea from
drawing a block out of the work without

drawing other blocks with it. I have
been corresponding with Mr. Parkes
during some weeks past as to the exact
shape to be given to these joggles.

4. That the form of the Madras jog-
gles, as now proposed, may be clearly
seen - a box accompanies this to your
address, containing four blocks model-
led in teak, to a scale of half an inch to
a foot. The pieces of teak numbered 1
to 4 represent the same numbered matter
on the End View on the accompanying
tracing, making, when put on the top
of each other, one half of the
width of a Pier Wall.

With the honor to be
Yours most obedient servant
James M. Taylor
Superintendent
Madras Harbour

W. 1875 Deph
Thom
No. 6227
The Superintendent
Madras Harbour

To
The Secretary to Govt
Public Works Dept

Dated 24th
Recd 4 September 1875
4 Octo.

174

Encloses tracing of
Pier Walls and forwarding
models of blocks in teak.

No. 2842

Recorded

2nd Oct 1875

Subsidiary Madras Harbour - 3

Pie 17

See No 12: 15-16-75

allots

With Order

1839-40

of this order

6327

Govt. of Madras.
PUBLIC WORKS.

To
Mr. Secy. to Govt. P. Works.
Mr. Secy. to Govt. P. Works.
Mr. Secy. to Govt. P. Works.

Letter

Letter

Letter

C. of Govt. No. 2842

No. 39-40

Madras Harbour.

Letter from the Supt.
Madras Harbour Works
enclosing tracing of
the proposed Pier Wall
& forwarding models
of blocks in steel, re-