(1) பக்கங்களின் எண்ணிக்கை 32

(2) புதுக்கித் திருப்பிய நாள் [illegible] 1991 [illegible] 1991

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(36)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். 1252 அச்சகம்
மு. கோப்புத் தாள் எண். பலவகை

நாள் : 5 - 5 - 1891 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

Items 5 & 6 statement

9. Sheets

ஆவண, கா-1—18,006—15-6-87.

5th May 1891, No. 1252 W., Public Works.

1252/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 13th April 1891, No. 135.

I have the honour to submit, herewith, for the information of Government, the usual monthly statement of progress made upon the Harbour Works for the month ending 28th February 1891, together with plan.

Enclosure.

Extract of Proceedings of the Trustees of the Harbour of Madras at a meeting held at the Offices of the Sea Customs, on Friday, the 10th day of April 1891.

* * * * *

5. Read report of progress made upon the Madras Harbour during February 1891. Resolved that this report be submitted to Government.

* * * * *

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

From the Chairman, Harbour Trust Board, dated Madras, 4th May 1891, No. 351.

Enclosure.

PROGRESS STATEMENT No. 14.

MADRAS HARBOUR WORKS.

Statement showing progress during February 1891, as shown on accompanying lithographed plan No. 13.

	Note.—The figures in *black* type denote for comparison progress and quantity of work done in February 1890.	Sub-heads of work.	North Pier.					South Pier.					Pallávaram quarries outturn.	Concrete block-making.	Railway lines at works.	Railway lines at quarries.	Railway lines, Sand line.	Railway lines, Beach improvements.	Protective works.	Total expenditure in February 1891.
			Rubble base.	Superstructure.	Wave-breaker.	Concrete capping.	Base protection.	Rubble base.	Superstructure.	Wave-breaker.	Concrete capping.	Base protection.								
No. of item.	Particulars and quantity of work, &c.	Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Rubble stone deposited from boats	Tons.	**54** 140¼	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Do. do. from wagons	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	76½	..
3	Total quantity rubble stone received on works ..	,,	..	..	..	..	..	..	..	..	..	..	**Nil.** 216¾	..	..	..	..	..	..	..
4	Do. blasted chips do. ..	,,	..	..	..	..	..	..	..	..	..	..	**636** 351¼	..	..	..	..	..	..	..
5	Do. large stones do. ..	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	Concrete blocks, set by divers in pier heads	Number.	..	**Nil.** 94	..	..	..	..	**Nil.** 21	..	..	..	..	..	..	..	..	..	..	..
7	Do. deposited in wavebreaker	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Do. made for superstructure	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Do. do. wavebreaker	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	Wrought-iron cramp fixed in position	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Total outturn of concrete	C. yds.	..	..	..	..	**Nil.** 101¼	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Advance or progress of completed pier head superstructure.	Ry. ft.	..	**Nil.** 56¼	..	..	..	..	**Nil.** 6¼	..	..	..	..	..	..	..	..	..	..	..
13	Rubble base protected with concrete	,,	..	..	..	..	91	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Metre gauge, 40 lb. per yard laid new	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Do. do. relaid or renewed ..	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Broad gauge, 50 lb. per yard laid new	,,	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Do. do. relaid or renewed ..	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Titan gauge, 75 lb. per yard laid new	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	Do. do. relaid or renewed ..	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	....		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	Approximate expenditure under sub-heads of work ..	Rs.	1,567	4,671	..	..	273	194	4,465	219	..	..	332	4,102	..	..	35	..	..	15,858

	Tons	Cwts.	Qrs.	Lb.
Nil. casks of cement received on works during February 1891, containing	..	..	..	..
283½ do. issued for do. do. do.	50	12	3	..
19,922¼ do. balance in store at end of do. do.	3,557	10	3	15

Quantity due on indents.—Nil.

(Signed) A. LEE POGSON,
Engineer, Harbour Trust Board.

Madras,
19th March 1891.

1252/2

Transferred to the Public Works Department.

20th April 1891.

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

Order—dated 5th May 1891, No. 1252 W., Public Works.

Recorded.

(True Extract.)

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

To the Chairman, Harbour Trust Board.
,, Marine Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1891) Madras.

PUBLIC WORKS.

Dated May, 5th.

Recd. *Encl.*

G.O., 5th May 1891, No. 1252 W.

MAY.

Madras Harbour Works

Progress report of the — for February 1891, recorded.

1252/3

202

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR OF MADRAS, at a Meeting held at the Offices of the Sea Customs ~~Board~~ on Friday the 10° day of April 1891.

Print

× × ×

5. Read report of progress made upon the Madras Harbour during February 1891.

Resolved, - that this report be submitted to Government.

× × ×

(True Extract,

HARBOUR TRUST BOARD.
13 APR. 91
MADRAS.

Secretary
Harbour Trust Board

B/21
4613/91

In the C409/91

[illegible]

129/4

5 [illegible]

Harbour Trust Board Office,

MADRAS, 4th May 1891.

No. 351

From Ware Austin Esquire, C.S.,

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

To Major S. V. Boddy, R.E.,

Under Secretary to Government P.W.D.

Chepauk.

SIR,

I have the honor to acknowledge the receipt of your letter No. 2303 C, dated 29th ultimo, and to return herewith the statement of progress made upon the Madras Harbour Works during the month of February with the details omitted duly filled in.

I have the honor to be
Sir
Your obedt. servant

W. Austin
Chairman
Harbour Trust Board

Rec

Cw

P.W. Cde 49/6

Rd 5-5-9

Encl

PROGRESS STATEMENT No. 14

MADR UR WORKS.

Statement showing Progress during Februa *hown on accompanying Lithographed Plan No. 13.*

No. of Item.	*Note.*—The Figures in red denote for comparison progress and quantity of work done in February 1890 Particulars and Quantity of Work, &c.	Sub-heads of Work. Column.	North Pier—Rubble Base. A	Do. —Superstructure. B	Do. —Wavebreaker. C	Do. —Concrete Capping. D	E	South Pier—Rubble Base. F	Do. —Superstructure. G	Do. —Wavebreaker. H	Do. —Concrete Capping. I	Do. —Base Protection. J	Pallavaram Quarries Outturn. K	Concrete Blockmaking. L	Railway Lines at Works. M	Do. at Quarries. N	Do. Sand Line. O	Do. Beach Improvements. P	Protective Works. Q	Total Expenditure up to February 1891 R
1	Rubble Stone deposited from boats	Tons	54 140¼																	
2	Do. do. from wagons	"																	76⅓	
3	Total quantity Rubble Stone received on Works	"											Nil 216¾							
4	Do. Blasted Chips do.	"											636							
5	Do. Large Stones do.	"											351¼							
6	Concrete Blocks—Set by Divers in Pier He	Number		Nil 94					Nil 21											
7	Do. Deposited in Wavebreaker	"																		
8	made for Superstructure	"																		
9	do. Wavebreaker	"																		
10	Wroug Iron cramp fixed in position	"																		
11	Total out-turn of Concrete	Cubic yards.						Nil 10												
12	Advance or progress of completed Pier Head superstructure	Ry. feet		Nil 56¼					Nil 6¼											
13	Rubble Base protected with Concrete	"																		
	Gauge, 40 lbs. per yard laid	"																		
	Do. do. relaid or rene	"																		
	Do. do. taken up	"																		
	Gauge, 50 lbs. per yard laid new	"		20																
	Do. do. relaid or renewed	"																		
	Do. do. taken up	"																		
	Titan Gauge, 75 lbs. per yard laid new																			
21	Do. do. relaid or renewed	"																		
22	Do. do. taken up	"																		
23																				
24	Approximate Expenditure under Sub-heads of Work	Rupees	1567	4671	"	"	2	194	4165	219	"	"	332	4102	—	—	35	—	—	15,858

			Tons	Qrs.	lbs.	Quantity due on Indents.	Tons.	Cwts.	Qrs.	lbs.
Nil	Casks of Cement received on Works during February 1891 containing		0	0	0					
283½	Do. do. issued for do.	" " do.	5	3.	0	Nil		Nil		
19922¼	Do. do. Balance in Store at end of	" "	3	3.	15					

Column. Item No.

" "

" "

" "

" "

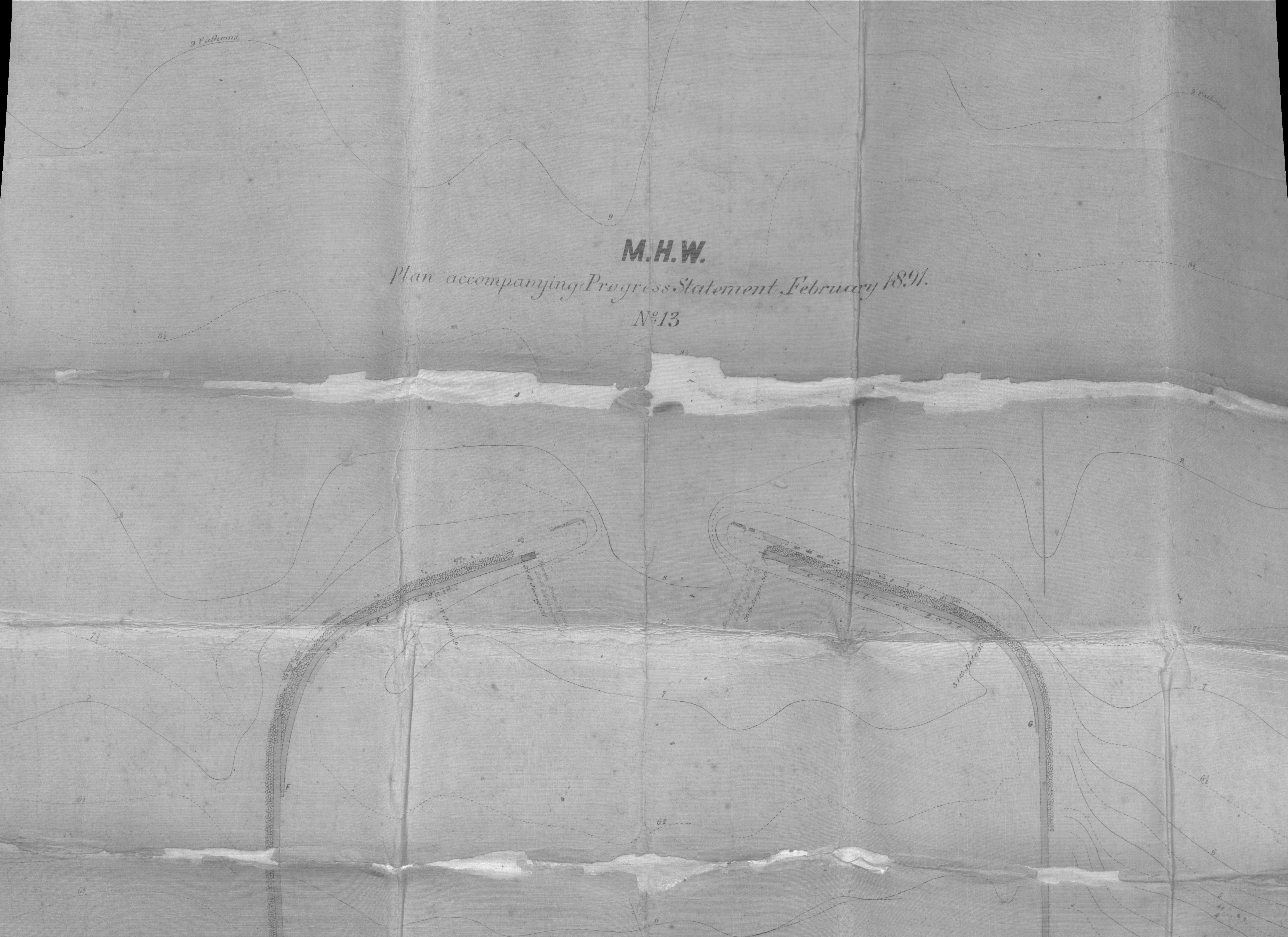
MADRAS, 19 March 189

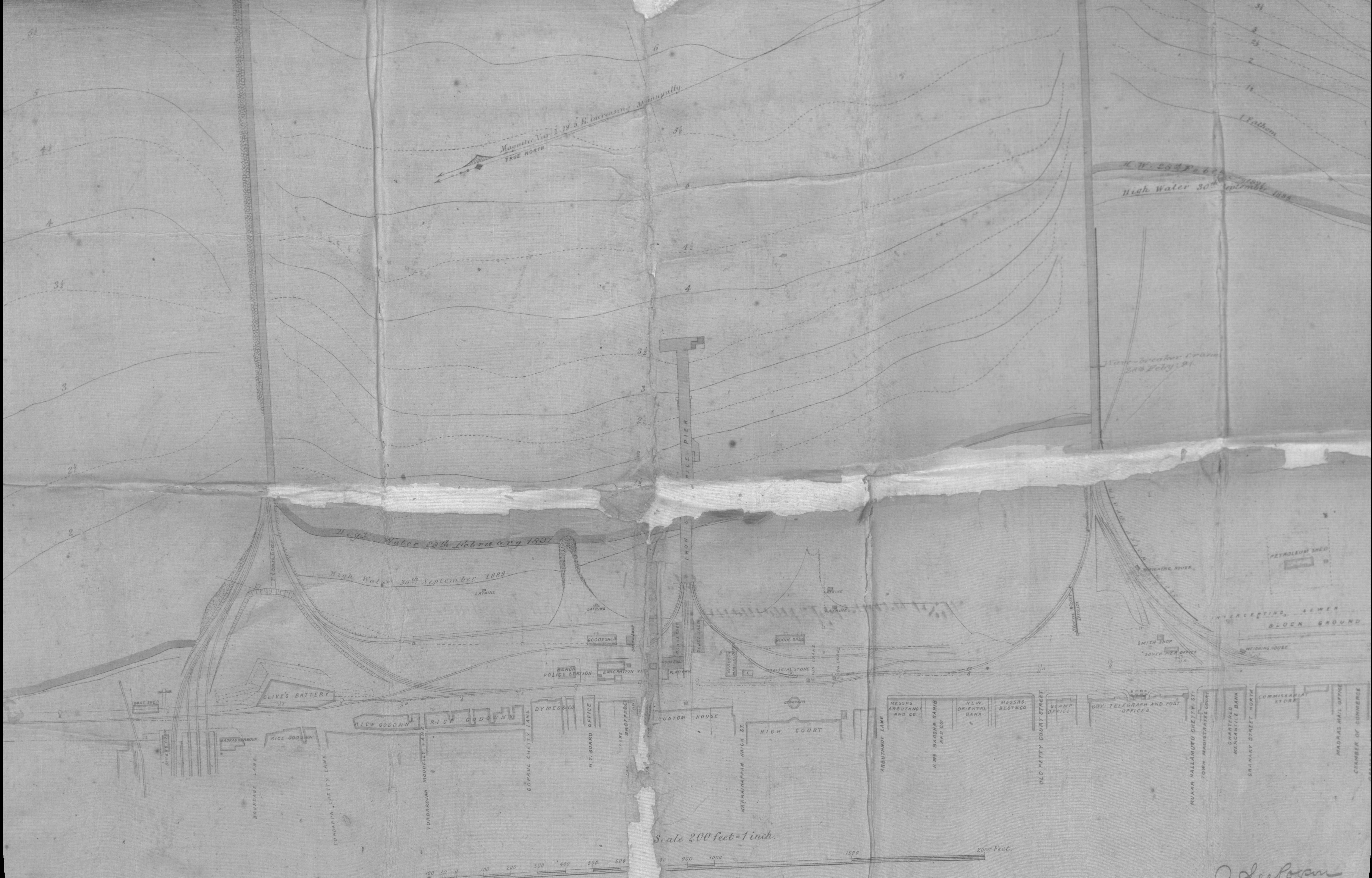
Engineer, Harbour Trust Board.

M.H.W.

Plan accompanying Progress Statement, February 1891.

No 13





NOTE, The Contour lines shew the [illegible] below De Havilland's Mean Sea level in September 1889.
Progress during February [illegible] shown in red.

LITHOGRAPHED AT THE LAWRENCE ASYLUM PRESS, MADRAS

Engineer,
Harbour Trust Board.

[illegible] 45 4916/91

2 [illegible] 409/91

Read C No. 409

1252/7

Harbour Trust Board Office,

MADRAS, 13th April 1891.

No. 135

FROM

Ware Austin Esqre C. S.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

TO

The Hon'ble J. F. Price C. S.

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honor to submit, herewith for the information of Government, the usual monthly statement of progress made upon the Harbour Works for the month ending 28th February 1891, together with plan.

I have the honor to be

Sir

Your obedt. servant

Ware Austin

Chairman

Harbour Trust Board.

A.H.

1252/8

26/3/91 R. No. 91 Marine
P. W. Cons. 4613
Dt. 20 April 1891

Transferred to the
Public Works Dept.

C. G. Mtr
for Chief Secry

J. D. B.
19/4

Encls. 3.

B. & R.
circulated 6 + 1 plan

No. 1252 W. d/5 May 1891

Recd. 21. IV. 91
28-4-91

Read cons 4613
4916

Recorded.

The Chairman H. T. B.
– Marine Dept. D.C.

O.L. 92. IV

C.S.
Hw. 23. IV. 91
ev. 24. IV

— 1891 —

MARINE DEPARTMENT.

C. No. 9

FROM
THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS.

TO
THE CHIEF SECRETARY TO GOVERNMENT,
Marine Department.

Dated 13th }
Received 15 } April 1891.

SECRETARY
PUBLIC

ENCLOSURE

No. 135

13-3-91 – 724 W – Order

SUBJECT.

Submitting for the information of Government the usual monthly statement of progress for the month ending 28th February '91

With order

Printed by E. Taylor, Lawrence Asylum Press, Madras—1890

1252
9

4916

Govt. of (18) Madras.

PUBLIC WORKS.

Dated, 6/5

Recd.

Encl.

G.O., 5th May 1891, No. 1252

Madras Harbour Works:

Progress report of the — for February 189

Recorded.

70/3

⑨

L.W.C. 575.