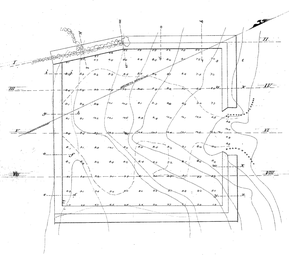
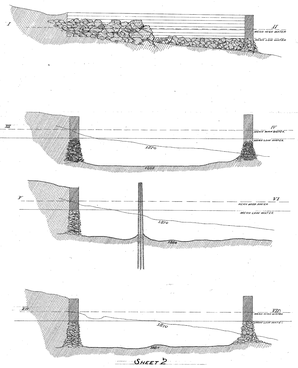




Sheet 2.

Plan and Sections of Basin

Scale of plan 1" to 50'.
Horizontal scale of section 1" to 50'.
Vertical scale of section 1" to 10'.

Note.

The soundings in black are those of the survey, and represent, in feet and tenths, and are referred to mean low water. The soundings in blue, are feet of depth ordinarily, they show the form of the bottom in 1866 prior to the construction of the basin, and are taken from a survey made under the direction of the late Capt. Thomas in December 1866 by Mr. Thos. Dugan, Civil Engr.

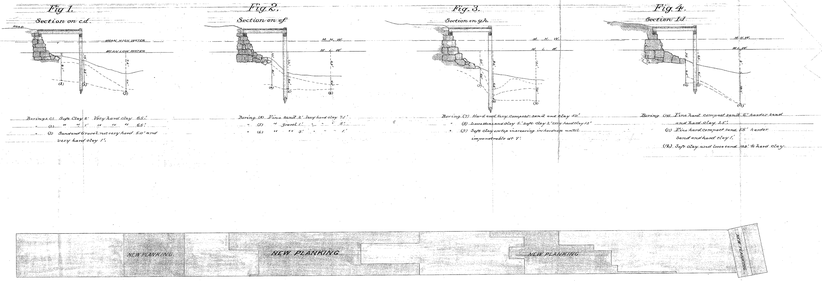
The Basin was designed by Capt. of Engineers Jackson in 1857, that Report (referred to) on this check shows to what extent it has filled between 1857 and 1866 — for years, except what little may not have been taken out close up to the line of bulkhead.

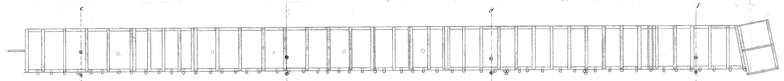
The slight deflection in the line of the bulkhead (plan I.H.) is explained, by the fact that when the work was in your advantage, we taken of our numerous borings at the point "M" from which running westward to about high water mark, the adhesive had gradually held a strong stiffy mass of clay, observed behind the line of these piling was found.

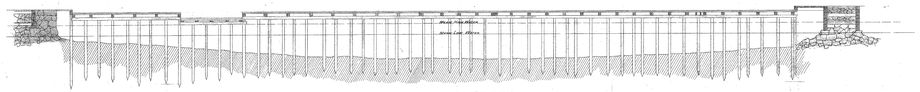
Sheet 3.

Plan, Sections and Elevation of Wharf on South side of Basin.

Scale 1" to 10'.



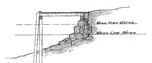




Note.

The whole timber superstructure except the piling is much or less decayed. Most portions of the stringers, timbers, that were changed were replaced with new timber, and that incidentally in repairing the deck in new. Except the new will be removed for a short time.

Borings were made on the outline lines O.P. of plan, and I.J. and the results given in Figures I. K. Sheet 4.

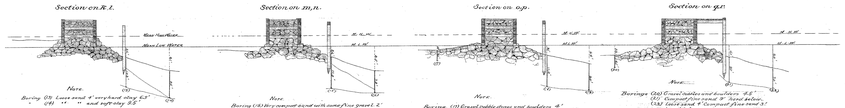


General Section showing Tender Pile.

Sheet 4.

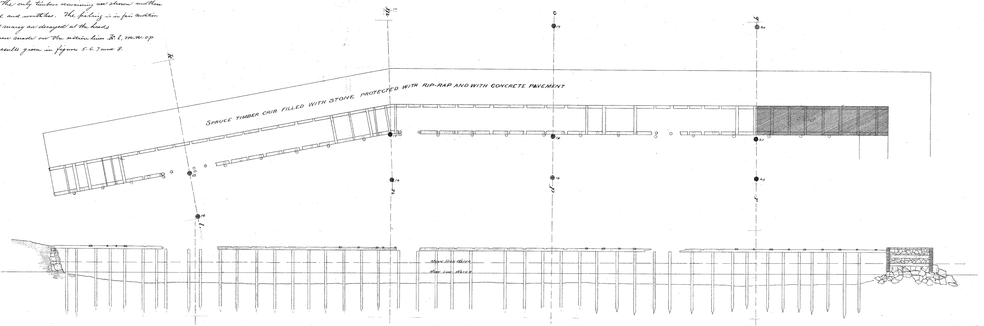
Plans Sections and Elevation of Crib & Wharf on Western side of Basin.

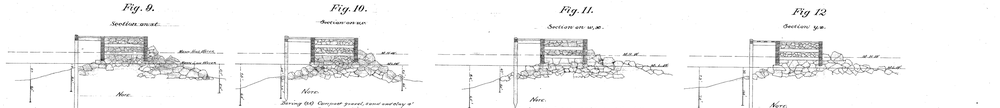
Scale 1" to 10'.



Note.

The timber of the Crib is very much decayed, the Concrete Pavement is in fair order. The slope of the bank for left side of crib is rather broken, but the other side is very regular. The piling is in fair condition. The results of the borings are given in Figures 5, 6, 7 and 8.

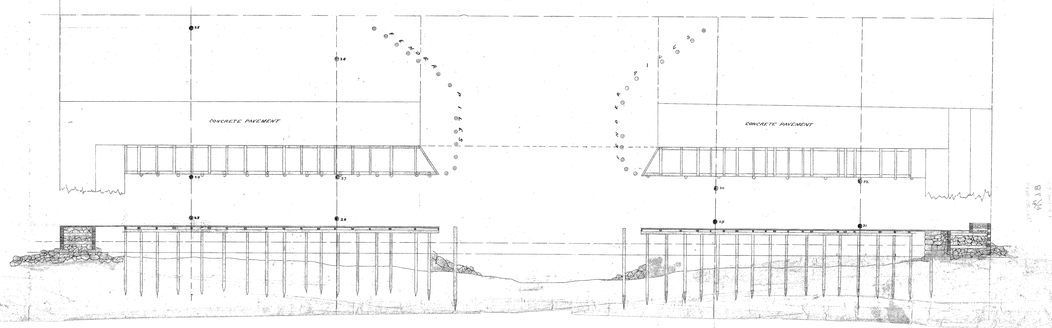




Sheet 5.

Plan, Sections and Elevation of Crib and Wharf on Northerly side of Basin.

Scale 1" to 10'

Note

The timber of the Crib work is very much decayed, the Concrete Pavement is in fair order. The slope of the bank for both sides of crib is rather broken but very regular, and the weather stone will have to renew them. The piling is in fair condition. Borings were made on the outline lines L.C. — M.D. — N. R. and S.J. and the results given in figures 9, 10, 11 and 12.