60-21

18

CABINET _____

ARM NO. _____

FOLDER NO. _____

SHEET NO. _____

PIERHEAD AND BULKHEAD LINE for BUCKWHEAT ISLAND in ARTHUR KILL

recommended by the

NEW YORK HARBOR LINE BOARD

JULY, 1907.

Scale 1/5000.

NOTE.

The pierhead and bulkhead lines approved by the Secretary of War, March 4, 1890, together with the coordinate system of reference, are shown hereon in black lines. Pier- and bulkhead lines coincide and are shown in single full lines.

Surveys under direction of Col. D.W. Lockwood, Corps of Engineers, in April-May, 1907, resulted in finding the original stakes marking stations XXIV, XXV, and XXVI, of bases used for harbor lines of 1890, and in replacing them by concrete monuments, each with the top in the form of a frustrum of a square pyramid, projecting 18 inches above the surface of the marsh. By comparison with measured bases, the distances between the stations was found to be greater than that given in their published description, the red figures in parentheses hereon being correct.

Monuments at "A" and "B" on Buckwheat Island, have centers marked by holes, surrounded by the letters "U.S.H.L.", and were set July 2, 1907.

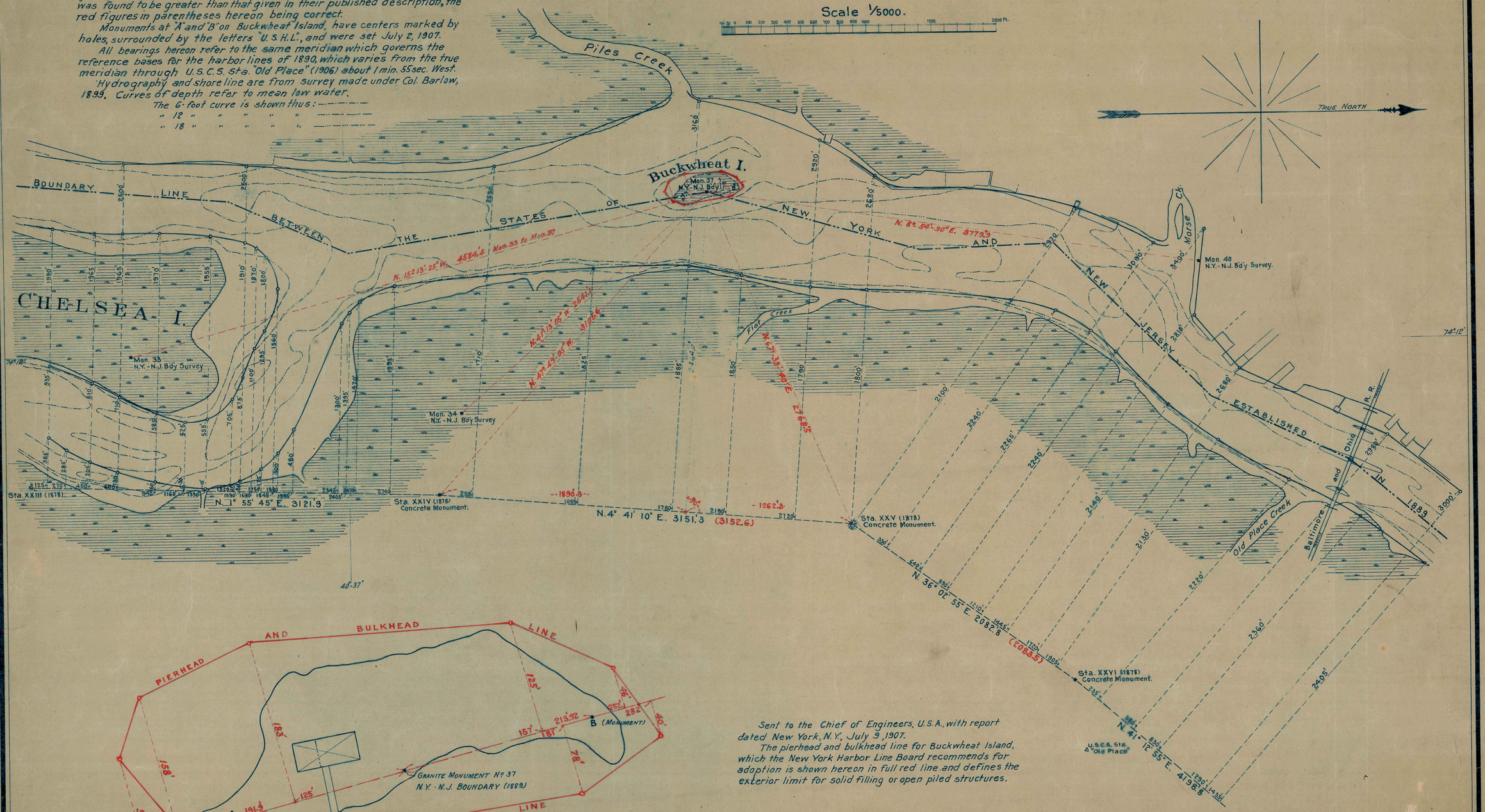
All bearings hereon refer to the same meridian which governs the reference bases for the harbor lines of 1890, which varies from the true meridian through U.S.C.S. Sta. "Old Place" (1906) about 1 min. 55 sec. West.

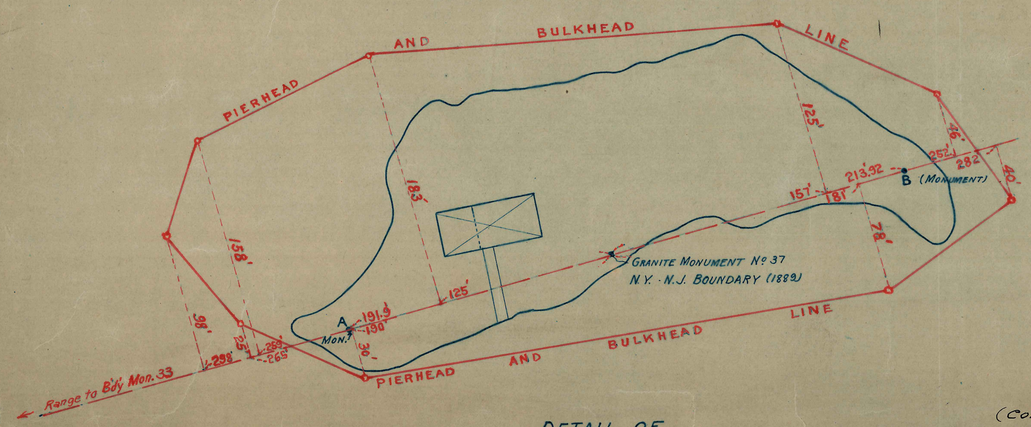
Hydrography and shore line are from survey made under Col. Barlow, 1899. Curves of depth refer to mean low water.

The 6-foot curve is shown thus: ——·——·——

" 12 " " " " " ——··——··——

" 18 " " " " " ——···——···——





DETAIL OF PIERHEAD AND BULKHEAD LINE

Scale 1/720.

Sent to the Chief of Engineers, U.S.A., with report dated New York, N.Y., July 9, 1907.

The pierhead and bulkhead line for Buckwheat Island, which the New York Harbor Line Board recommends for adoption is shown hereon in full red line and defines the exterior limit for solid filling or open piled structures.

D. W. Lockwood
Colonel, Corps of Engineers, U.S.A.

John G. D. Knight
Colonel, Corps of Engineers, U.S.A.

Lt. Col., Corps of Engineers, U.S.A.

(Copy)

War Department.

July 25, 1907

Approved, F. C. Ainsworth,

(Signed) The Adjutant-General

Acting Secretary of War

W. B. Moss, Draftsman.

CABINET A

ARM NO. 18

FOLDER NO. _____

SHEET NO. 30

60-21