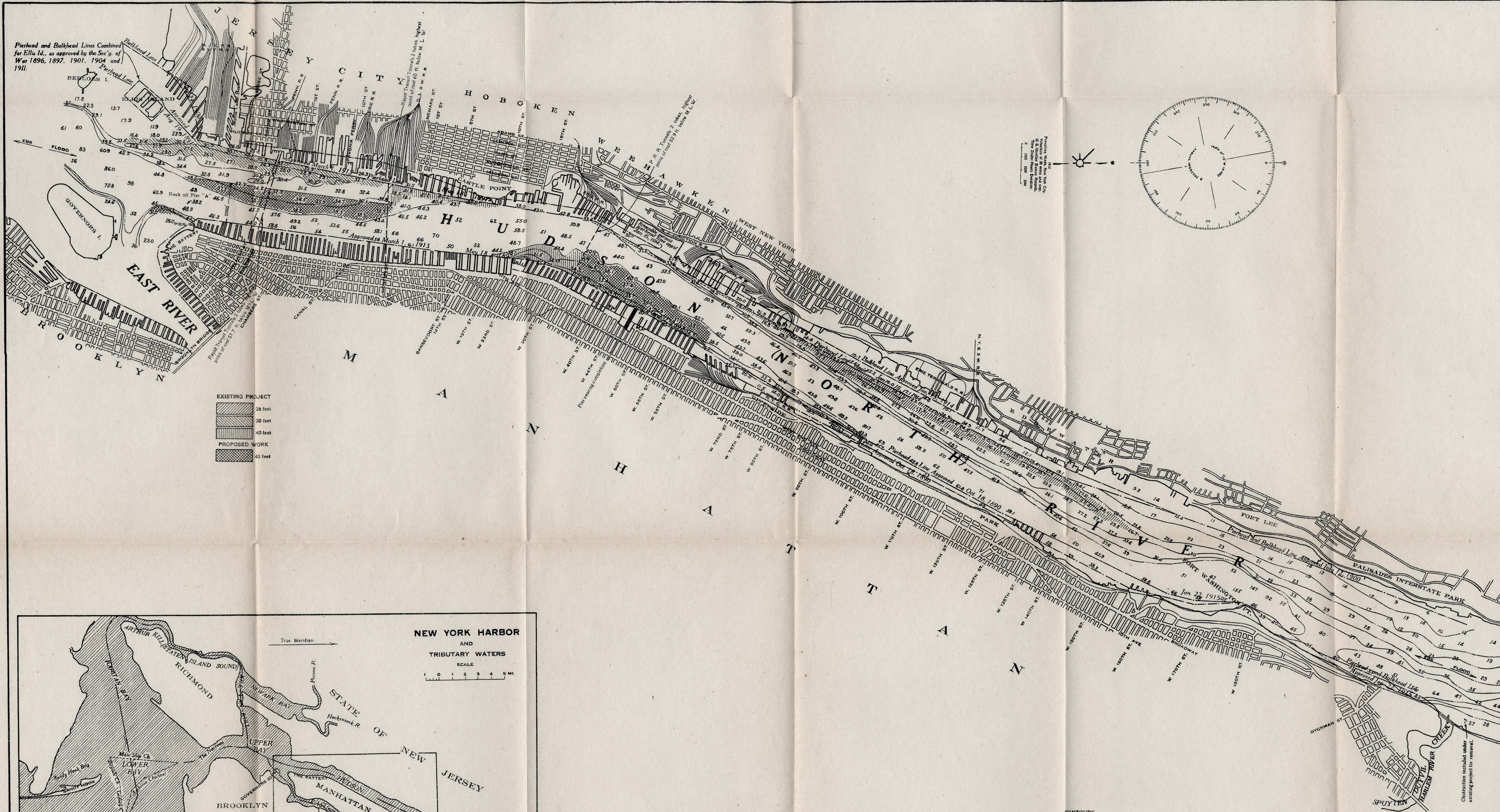
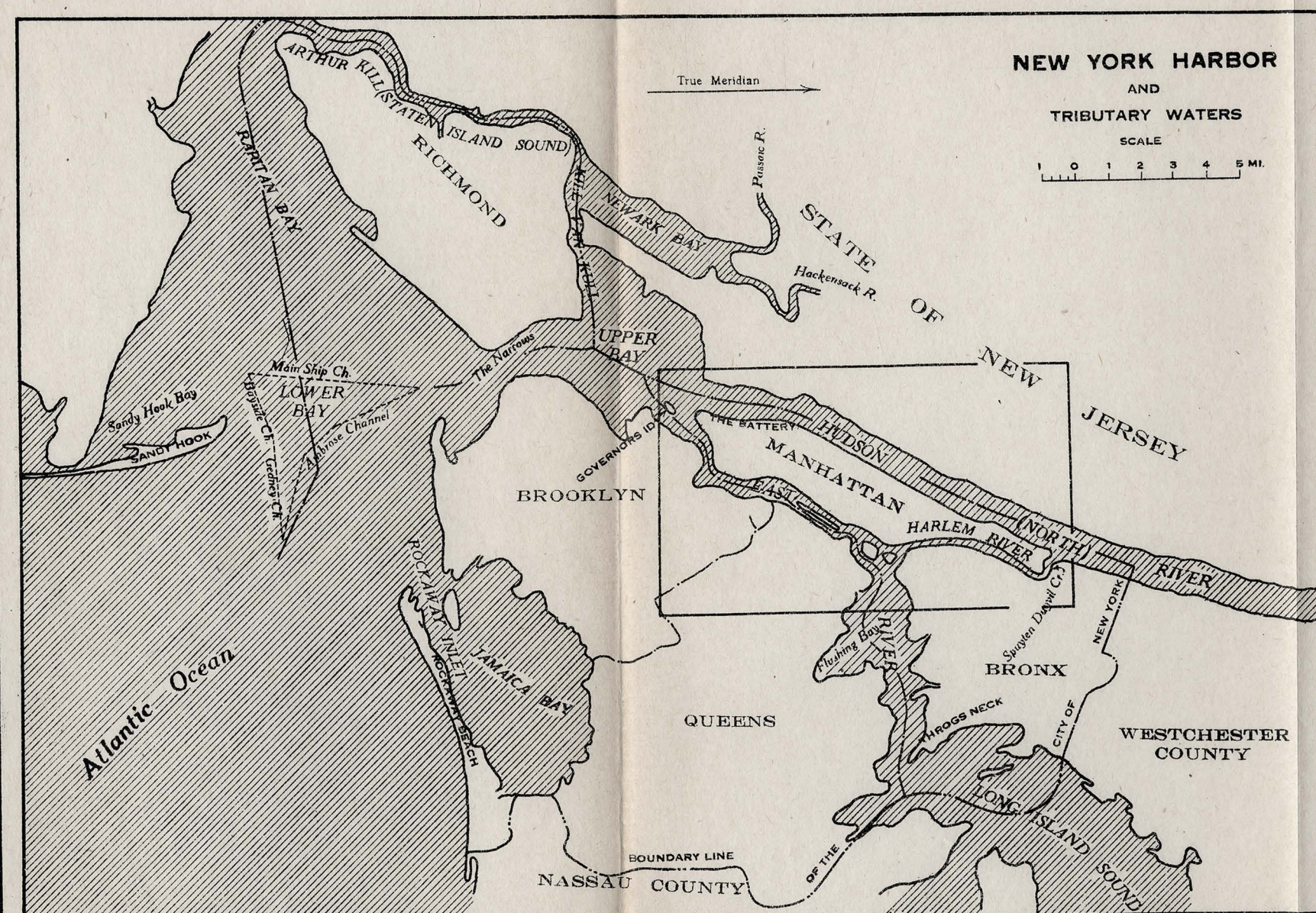


Pierhead and Bulkhead Lines Combined for Ellis Id., as approved by the Sec'y. of War 1896, 1897, 1901, 1904 and 1911.



EXISTING PROJECT
26 feet
30 feet
40 feet
PROPOSED WORK
40 feet



CONTOURS
12 feet
18 feet
24 feet
30 feet
36 feet
42 feet

NOTES
Soundings are referred to the plane of mean low water at the Battery, New York City. Mean tidal range at the Battery 4.4 feet; at Spuyten Duyvil Creek 3.7 feet.
Depths determined from surveys of 1913 and 1916 are expressed in feet and tenths; those expressed in even feet are taken from the latest U. S. C. & G. S. Charts.
Shore line, streets, etc., were taken from map compiled in conformity with the direction of the Board of Estimate and Apportionment of the City of New York, dated January 1, 1915.

HUDSON RIVER CHANNEL NEW YORK HARBOR, N. Y.

TO ACCOMPANY REPORT UPON SURVEY SUBMITTED PURSUANT TO RIVER AND HARBOR ACT OF JULY 27, 1916.

SCALE
2000 0 2000 4000 6000 FT.

Submitted:

Approved:

J. H. Bostick
Assistant Engineer

H. Taylor
Colonel, Corps of Engineers

Drawn by

W. E. L. H. File No. *Ex. & Sur. 4415*