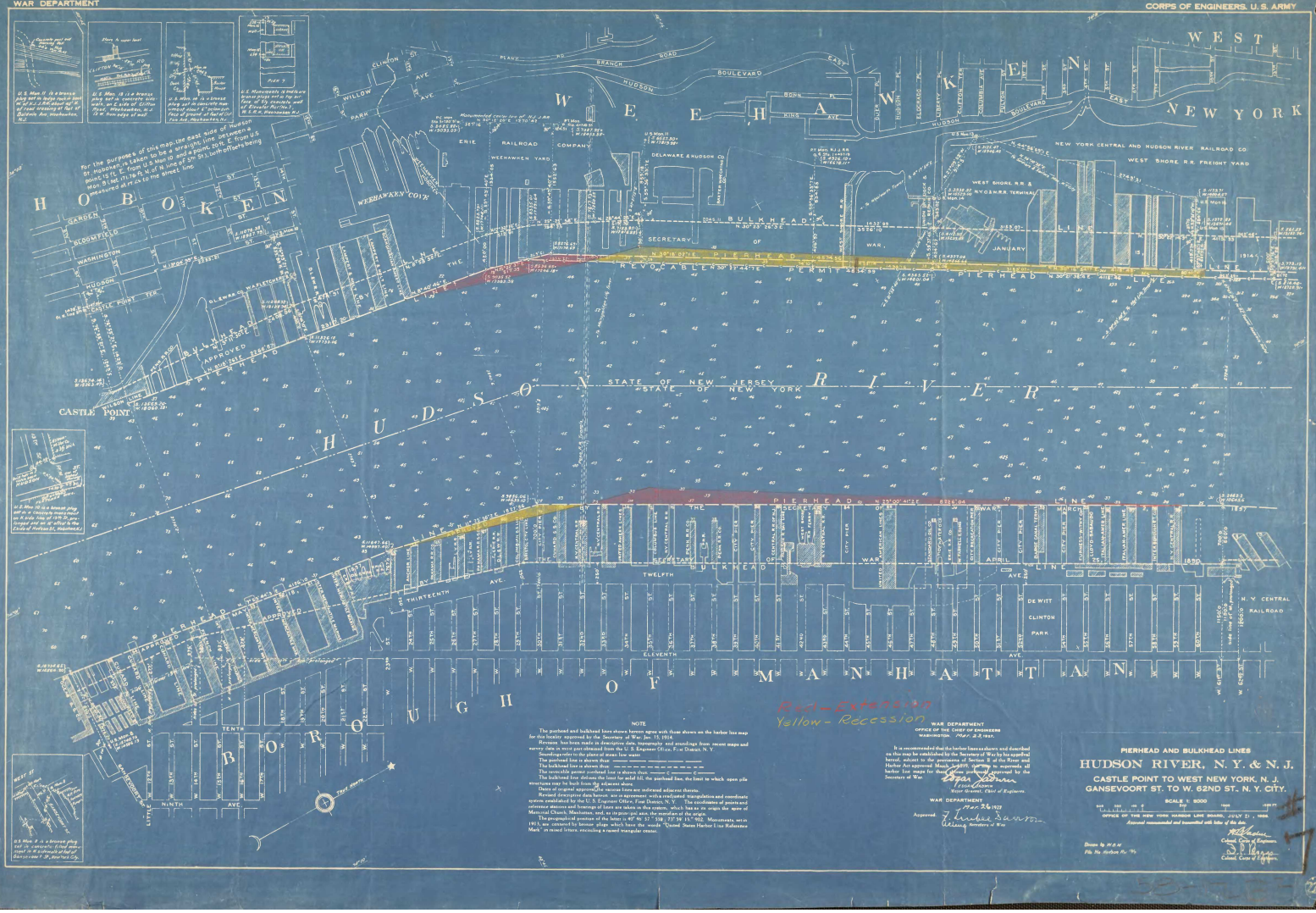
WAR DEPARTMENT

CORPS OF ENGINEERS, U.S. ARMY



NOTE

The pierhead and bulkhead lines shown hereon agree with those shown on the harbor line map for this locality approved by the Secretary of War, Jan. 15, 1914.

Revisions, but none made in descriptive data, topography and soundings from recent maps and survey data in recent past obtained from the U. S. Engineer Office, First District, N. Y.

Soundings refer to the plane of mean low water.

The pierhead line is shown thus: — — — — — —

The bulkhead line is shown thus: — — — — — — — — — — — —

The revocable permit pierhead line is shown thus: —— C —— C ——

The bulkhead line defines the limit for solid fill, the pierhead line, the limit to which open pile structures may be built from the adjacent shore.

Dates of original approval of the various lines are indicated adjacent thereto.

Revised descriptive data hereon are in agreement with a readjusted triangulation and coordinate system established by the U. S. Engineer Office, First District, N. Y. The coordinates of points and reference stations and bearings of lines are taken in this system, which has as its origin the apex of Memorial Church, Manhattan, and, as its point (y) axis, the meridian of the origin.

The geographical position of the latter is 40° 46' 57" 538 , 73° 59' 15." 902. Monuments, set in 1913, are centered by bronze plugs which have the words "United States Harbor Line Reference Mark" in raised letters, encircling a raised triangular center.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, MAY 22, 1931.

It is recommended that the harbor lines as shown and described on this map be established by the Secretary of War by his approval hereof, subject to the provisions of Section 11 of the River and Harbor Act approved March 3, 1899, insofar as regards all harbor line maps for these localities previously approved by the Secretary of War.

Edw. Jordan
Major General, Chief of Engineers.

WAR DEPARTMENT
Approved: MAY 26 1931
Patrick J. Hurley
Acting Secretary of War.

PIERHEAD AND BULKHEAD LINES

HUDSON RIVER, N. Y. & N. J.

CASTLE POINT TO WEST NEW YORK, N. J.
GANSEVOORT ST. TO W. 62ND ST., N. Y. CITY.

SCALE 1:8000

OFFICE OF THE NEW YORK HARBOR LINE BOARD, JULY 21, 1930.

Approved, recommended and transmitted with letter of this date.

Colonel, Corps of Engineers.

Colonel, Corps of Engineers.

Drawn by H.D.N.
File No. Harbor No. 95