WAR DEPARTMENT.

CORPS OF ENGINEERS, U.S. ARMY.

DESCRIPTIVE DIAGRAMS—MONUMENTS AND REFERENCE POINTS.

HK.70 is a 6" drill hole they set in old 12" Gas Pipe filled with concrete and projects 3" above ground.

HK.72 is a 6" drill hole set in old 12" Gas Pipe filled with concrete, flush with pavement near Hackensack City Hall.

HK.74 is a 6" drill hole set in old 8" Tile Pipe filled with concrete, flush with pavement near Hackensack Gas and Supply Co.

HK.76 is a square-headed bolt set in 6" Iron pipe filled with concrete July, 1923, N 734 W 17 E. U.S. from HK.76 (1928) on corner of Tidewater Gas and Supply Co.

HK.78 is a 12" bolt set in old 16" Tile Pipe between Private and Public Embankments, HK.78 is a Copper Plug set in concrete on Elly Kill Point between Trolley Tracks.

HK.80, is a 6" x 6" Granite Block set flush with ground on dock near foot of Water Lane, Hackensack, N.J.

HK.82 is a bronze plug set in 10" x 10" concrete slab set at west abutment of Bridge at Anderson St., Hackensack, N.J.

HK.81 is a bronze plug set in 1927 in concrete slab west of east abutment of bridge at Cedar Lane, Teaneck, N.J.

HK.79 is a 4½" bolt set in 6" Iron pipe No. 4 x 6 street dock and boat house at Teaneck, N.J.

HK.75, (Broad, U.S.C.&G.S.)

HK.83 is a Rectangular Cut in Sidewalk at East End of Curb in Bridge or Bulkhead.

HK.73, (Water)

HK.71 is a bolt set in old 8" Tile Pipe filled with concrete, flushed between Abutments of C.R.R. of Bergen, N.J.

HK.69 is a 6" bolt set in old 12" Tile Pipe filled with concrete, flushed between Abutments of C.R.R. of Bergen, N.J.

HARBOR LINE SYSTEM.

Scale 1-5000.

H.B.267

PIERHEAD AND BULKHEAD LINES ADOPTED BY THE BOARD OF COMMERCE AND NAVIGATION

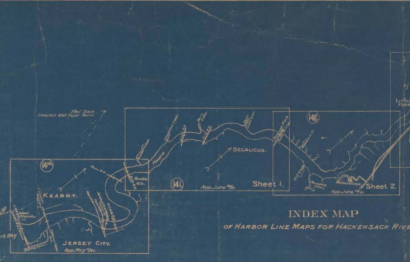
August 23, 1928

Witness

Director and Chief Engineer

INDEX MAP

OF HARBOR LINE MAPS FOR HACKENSACK RIVER.



WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, MAR 9, 1928

I recommend that the harbor lines as shown and described on this map be established by the Secretary of War in accordance hereof, subject to the provisions of Section 11 of the River and Harbor Act approved March 3, 1899, this map to supersede all harbor line maps for those shores previously approved by the Secretary of War.

The harbor lines shown hereon are the combined pierhead and bulkhead lines shown on the map entitled "Pierhead and Bulkhead Lines Hackensack River, N.J." dated January 1, 1928, and are the lines to which either solid fill or open pile structures may be built from the adjacent shore.

Edgar Jadwin
Major General
Chief of Engineers

WAR DEPARTMENT
MAR 9 1928
Approved
Secretary of War

(70)

NOTE

The pierhead and bulkhead lines shown hereon are generally coincident with those shown on the Harbor Line Map for the same stretch of river approved by the Secretary of War, May 5, 1924, except the line between points 124 and 120 at Hackensack, south of Court street bridge, which conforms closely to the permit line of May 15, 1917 (see Sheet 1 of 3) 18 x 24 inches, modified Aug. 31, 1927.

Revision of descriptive data hereon is due to recent resurvey and the transformation of former magnetic bearings to true bearings.

The coordinates of points and bearings of lines refer to the rectangular system established by the Borough of Richmond, New York City, the principal one of which is parallel with the true meridian through U.S.C. & G.S. Sta. "Rogers" on Tuft Hill, Staten Island and the origin is so taken as to make the coordinates of "Rogers" E. 20000 ft. W. 20000 ft.

The shore lines and soundings are from maps of the 2nd N.Y. District Engineer Office.

Soundings are shoal to forty or more feet in width.

The street systems are compiled from astronomic maps of the City of Hackensack, Borough of Bogota and Township of Teaneck.

PIERHEAD AND BULKHEAD LINES

HACKENSACK RIVER, N.J.

FROM GAS WORKS CREEK TO ANDERSON ST. BRIDGE HACKENSACK, BOGOTA AND TEANECK.

SCALE 1: 5000

OFFICE OF THE NEW YORK HARBOR LINE BOARD, JANUARY 1, 1928.

Assisted, recommended and transmitted with letter of this date.

Lieut. Col. Corps of Engineers

Major, Corps of Engineers

Lieut. Colonel, Corps of Engineers

Drawn by H.F.M.B.R.
File No. Hackensack, N.J.

Checked by
Traced by
Approved by

Scale 1" = 1000'

Sheet No. 1 of 3 Sheets

(4e)