60-1

# PIERHEAD AND BULKHEAD LINES
FOR THE SHORES OF
# HACKENSACK RIVER, N. J.
in the vicinity of the
# CITY OF HACKENSACK
between
## ANDERSON STREET AND GAS WORKS CREEK
as recommended by the
NEW YORK HARBOR LINE BOARD.

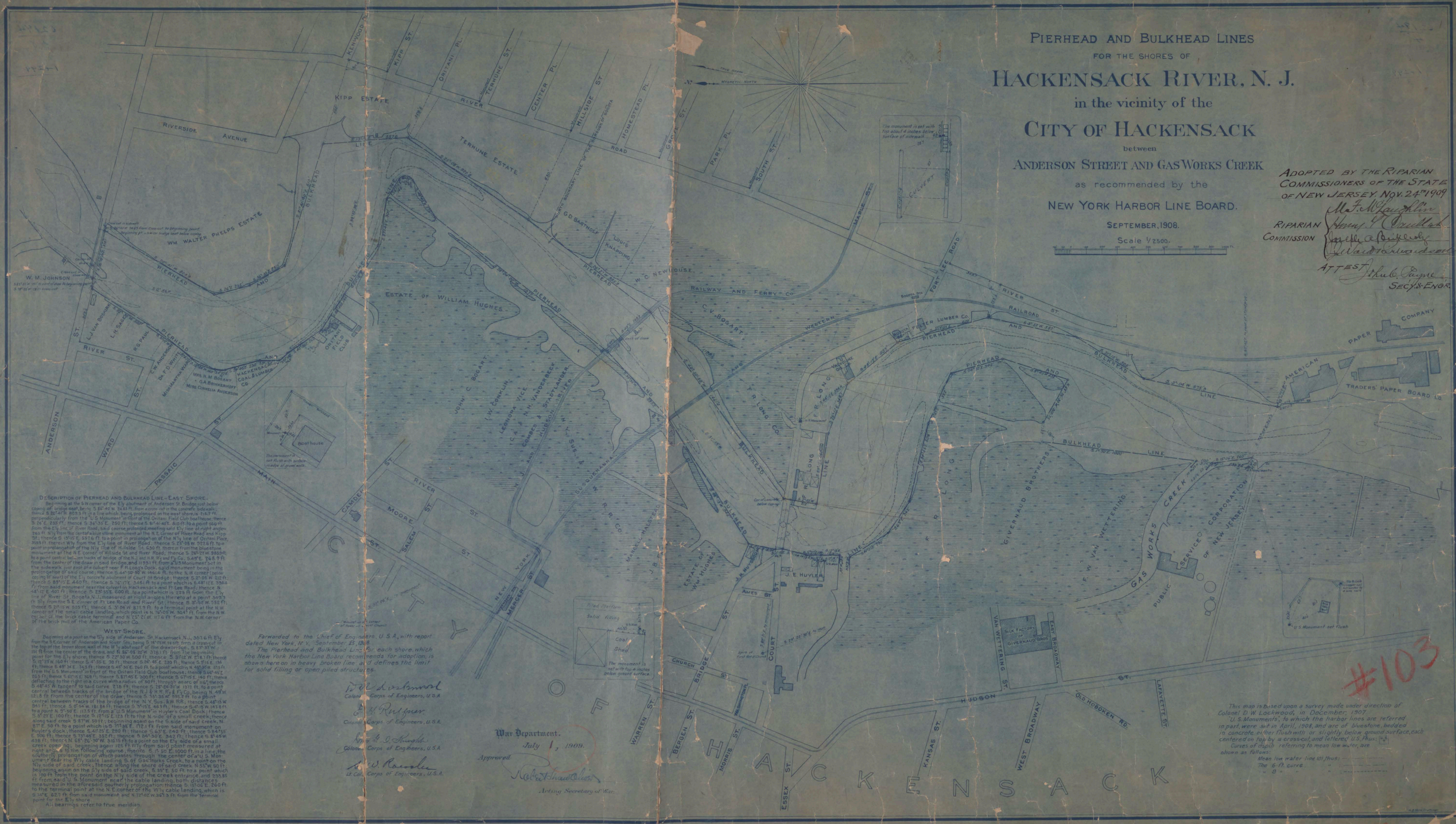
SEPTEMBER, 1908.

Scale 1/2500.

ADOPTED BY THE RIPARIAN
COMMISSIONERS OF THE STATE
OF NEW JERSEY, NOV. 24TH 1909

RIPARIAN COMMISSION
M. F. McLaughlin
J. Ward Richardson

ATTEST John C. Payne
SEC'Y. & ENGR.


TRUE NORTH
N. MAGNETIC NORTH
KENWOOD PL.
KIPP ST.
ORITANI PL.
TERHUNE ST.
CENTER PL.
HILLSIDE ST.
HOMESTEAD PL.
GROVE ST.
PARK PL.
SOUTH ST.
MAPLE ST.
FORT LEE ROAD
RIVER ROAD
RIVER ST.
RAILROAD
KIPP ESTATE
TERHUNE ESTATE
RIVERSIDE AVENUE
WM. WALTER PHELPS ESTATE
W. M. JOHNSON
NORTH BOUNDARY LINE OF THE BOROUGH OF BOGOTA
G. D. BARTHOLF
LOUIS KNAPPING
W. C. NEWHOUSE
RAILWAY AND FERRY CO.
C. V. BOGART
WESTERN
BOGOTA STA.
BOGOTA BOAT CLUB
FOLTER LUMBER CO.
VALVOLINE OIL CO.
F. R. LONG
F. R. LONG CO.
PIERHEAD AND BULKHEAD LINE
ESTATE OF WILLIAM HUGHES
L. J. VAN BOSKIRK
L. H. SAGER
R. G. PAUL
C. W. ANDERSON
DR. F. D. WHITE
MISS MARTHA WARD
MRS. H. M. BOGART
G. A. BRINKERHOFF
MISS CORNELIA ANDERSON
HACKENSACK COAL & LUMBER CO.
ORITANI FIELD CLUB
Boat house
The monument is set flush with surface in edge of gravel walk.
The monument is set with top about 4 inches below surface of sidewalk.
Coping
CULVERT
JOHN C. BOGART
I. W. CONKLIN
LEONORA VICE
C. A. & N. H. VANDERBEEK
COMBES & STADTLANDER
HUDSON RIVER
N. Y. SUS. & W. R. R. CO.
N. J. AND SUSQUEHANNA
MARCELL HALSTEAD
J. B.
ESTATE OF WM. HUGHES
J. H. HUYSOOM
J. E. HUYLER
Cor. of concrete below coping
Piled Platform
Solid filling
Coal Shed
The monument is set with top 4 inches below ground surface.
Spire of First Ref'd Church
GIVERNAUD BROTHERS
F. W. VAN WETTERING
GAS WORKS CREEK
PUBLIC SERVICE CORPORATION OF NEW JERSEY
SILK FACTORY OF GIVERNAUD BROS.
U. S. Monument set flush
AMERICAN PAPER COMPANY
TRADERS' PAPER BOARD CO.
ANDERSON ST.
WARD ST.
PASSAIC ST.
MAIN ST.
CAMDEN ST.
MOORE ST.
SALEM ST.
NEW YORK
MERCER ST.
WARREN ST.
BERGEN ST.
BRIDGE ST.
CHURCH ST.
MORRIS ST.
WASHINGTON PL.
AMES ST.
COURT ST.
ESSEX ST.
HUDSON ST.
KANSAS ST.
VAN WETTERING ST.
EAST BROADWAY
WEST BROADWAY
OLD HOBOKEN RD.
LAFAYETTE ST.
CITY OF HACKENSACK

### DESCRIPTION OF PIERHEAD AND BULKHEAD LINE—EAST SHORE.

Beginning at the S.W. corner of the E'ly abutment of Anderson St. Bridge just below coping of bridge seat, being S. 86°-40' W. 24.83 ft. from a cross cut in the concrete sidewalk; thence S. 20°-41' W. 809.9 ft. in a line which, being prolonged on the west shore, is 215.7 ft. perpendicularly from the "U.S. Monument" in front of the Oritani Field Club boathouse; thence S. 26° E. 235 ft.; thence S. 36°-35' E. 250 ft.; thence S. 81°-41'-40" E. 810 ft. to a point 560 ft. from the E'ly line of River Road, said course, prolonged, meeting said E'ly line at right angles 266 ft. N'ly from the cent. of a blue stone monument at the N.E. corner of River Road and Kipp St.; thence S. 13°-15' E. 557.6 ft. to a point in prolongation of the N'ly line of Oritani Place, 359.5 ft. therein W'ly from the E'ly line of River Road; thence S. 25°-08' W. 922.6 ft. to a point in prolongation of the N'ly line of Hillside St. 630 ft. therein from the blue stone monument at the N.E. corner of Hillside St. and River Road; thence S. 26°-27' W. 985.9 ft. to a point central between tracks of bridge of the N.J. and H.R. R'y and F'y Co., S. 49° E. 268.9 ft. from the center of the draw in said bridge, and 1199.1 ft. from a "U.S. Monument" set in the sidewalk just east of a culvert near F. R. Long's Dock, said monument being in the prolongation of said course; thence S. 44°-50'-50" W. 1461.4 ft. to the N.W. corner (below coping of seat) of the E'ly concrete abutment of Court St. Bridge; thence S. 2°-06' W. 212 ft.; thence S. 89°-15' E. 460 ft.; thence S. 76°-17' E. 346.1 ft. to a point which is S. 48°-12' E. 394.4 ft. from said monument near the culvert in Hackensack and Ft. Lee Road; thence S. 48°-12' E. 407 ft.; thence S. 23°-55' E. 600 ft. to a point which is 223 ft. from the E'ly line of River St., Bogota, N.J., measured at right angles thereto at a point 349.7 ft. S'ly from the S.E. corner of Ft. Lee Road and River St.; thence S. 3°-52' W. 582 ft.; thence S. 21°-15' W. 505 ft.; thence S. 3°-04' W. 875.9 ft. to a terminal point at the N.W. corner of the small cable landing, which point is N. 76°-05' W. 304.7 ft. from the N.W. corner of the brick cable terminal and N. 25°-21' W. 117.6 ft. from the N.W. corner of the brick mill of the American Paper Co.

### WEST SHORE.

Beginning at a point on the S'ly side of Anderson St., Hackensack, N.J., 357.6 ft. E'ly from the S.E. corner of Anderson and River Sts., being S. 76°-25' W. 58.5 ft. from a cross-cut in the top of the brown stone wall of the W'ly abutment of the drawbridge, S. 83°-37' W. 151 ft. from the center of the draw, and N. 86°-08'-20" W. 378.1 ft. from the beginning point for the E'ly shore; thence S. 22°-30' W. 500 ft.; thence S. 31°-12' W. 278.1 ft.; thence S. 12°-25' W. 160 ft.; thence S. 4°-55' E. 70 ft.; thence S. 24°-45' E. 230 ft.; thence S. 9°-15' E. 134 ft.; thence S. 49°-34' E. 743 ft.; thence S. 45°-30' E. 260 ft. to a point which is N. 45°-30' W. 57.5 ft. from the "U.S. Monument" in front of the Oritani Field Club boathouse; thence S. 66°-45' E. 265 ft.; thence S. 62°-15' E. 369 ft.; thence S. 87°-45' E. 300 ft.; thence S. 67°-15' E. 140 ft.; thence deflecting to the right in a curve with a radius of 50 ft., through an arc of 116°; thence S. 48°-45' W. tangent to said curve 275 ft.; thence S. 28°-24'-20" W. 1377 ft. to a point central between tracks of the bridge of the N.J. & H.R. R'y & F'y Co., being N. 49° W. 121.8 ft. from the center of the draw; thence S. 35°-35' W. 595.2 ft. to a point central between tracks of the bridge of the N.Y. Sus. & W. R.R.; thence S. 48°-13' W. 945 ft.; thence S. 0°-54' W. 181.84 ft.; thence S. 3°-15' E. 46.9 ft.; thence S. 4°-15' W. 147.8 ft. to a point N. 9°-50' E. 117.5 ft. from a "U.S. Monument" in Huyler's Coal Dock; thence S. 5°-21' E. 100 ft.; thence S. 12°-15' E. 123 ft. to the N. side of a small creek; thence along said creek S. 87° W. 50 ft.; beginning again on the S. side of said creek, N. 87° E. 50 ft. to a point which is S. 17°-38' E. 112.1 ft. from said monument on Huyler's dock; thence S. 41°-25' E. 290 ft.; thence S. 63° E. 242 ft.; thence S. 84°-55' E. 506 ft.; thence S. 73°-45' E. 352 ft.; thence S. 24°-30' E. 342 ft.; thence S. 8°-45' W. 438 ft.; thence N. 68°-26'-30" W. 310.15 ft. to a point on the E'ly side of a small creek opening; beginning again 125 ft. W'ly from said point measured at right angles to the following course, thence S. 1°-50' E. 1000 ft. in a line, the southerly prolongation of which passes through the center of a "U.S. Monument" near the W'ly cable landing S. of Gas Works Creek, to a point on the N'ly side of said creek; thence along the shore of said creek N. 55° W. 50 ft.; beginning again on the S'ly side of said creek, S. 55° E. 50 ft. to a point which is 100 ft. from the point on the N'ly side of the creek entrance, and 233.85 ft. from said "U.S. Monument" near the cable landing, both distances measured in the aforesaid southerly prolongation; thence S. 15°-06' E. 260 ft. to the terminal point at the N.E. corner of the W'ly cable landing, which is S. 74° E. 62.7 ft. from said monument and N. 72°-02' W. 367.3 ft. from the terminal point for the E'ly shore.

All bearings refer to true meridian.

*Forwarded to the Chief of Engineers, U.S.A., with report dated New York, N.Y., September 25, 1908.*

*The Pierhead and Bulkhead Line for each shore which the New York Harbor Line Board recommends for adoption, is shown hereon in heavy broken line and defines the limit for solid filling or open piled structures.*

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

E. H. Ruffner
*Colonel, Corps of Engineers, U.S.A.*

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

S. W. Roessler
*Lt. Col. Corps of Engineers, U.S.A.*

**War Department.**
*July 1, 1909.*
*Approved*
Robert Shaw Oliver
*Acting Secretary of War.*

*This map is based upon a survey made under direction of Colonel D. W. Lockwood, in December, 1907.*

*"U.S. Monuments", to which the harbor lines are referred in part, were set in April, 1908, and are of bluestone, bedded in concrete, either flush with or slightly below ground surface, each centered on top by a cross-cut, and lettered U.S., thus: U.S.*

*Curves of depth referring to mean low water, are shown as follows:*

*Mean low water line (0), thus: ----------*
*The 6-ft. curve " ----------*
*" 9- " " ----------*

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