CORPS OF ENGINEERS, U. S. ARMY

61-21

PHILADELPHIA

BULKHEAD LINE

PIERHEAD LINE

DELAWARE RIVER

Petty Island

Ebb Flood

Cooper Point

CAMDEN

Camden

Cooper Pt. Flag

Cooper Creek

Highland Cty.

TRUE MERIDIAN

PIERHEAD AND BULKHEAD LINE

PROPOSED

N 82° 06' 17.9" E 154.6

N 65° 15' 19.2" E 485.7

N 07° 36' 23" E 1304.7

N 07° 36' 23" E 1850'

S 73° 21' 13.8" E 2334.3

S 75° 55' 15.8" E 2954.80

S 36° 42' 13.8" E 726.6

1880.0

1390.0

90° 0' 40"

90° 0' 40"

90° 0' 40"

393.12

M.O.T.C.

716.60

Survey of 1872

Pier Line

Bulkhead Line

Old Bulkhead Line

Old Pierhead Line

BYRON ST.

MILTON ST.

ATKINS ST.

ERIE

BAILEY

WOOD ST.

NORTH

SEGAL ST.

HOWARD

FRONT

SECOND

GRANT

THIRD

FOURTH

FIFTH

SIXTH

SEVENTH

EIGHTH

NINTH

MAIN

STATE

LARCH

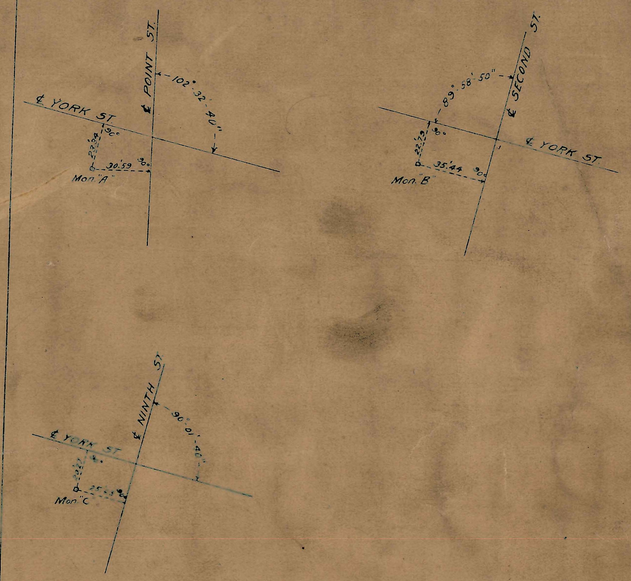
VINE

ST.

NOTE

Soundings reduced to Mean Low Water.
Curves of depth shown thus:
Mean Low Water Line .....
6 foot curve of depth ——·——
12 foot curve of depth ——··——
18 " " " "
24 " " " "
Pierhead and Bulkhead Line ——·——
The Pierhead and Bulkhead Line defines the limit to which solid filling and pile structure may be carried

U. S. Engineer Office
Philadelphia, Pa.
January 23 1911



SKETCH SHOWING
LOCATION OF MONUMENTS
SCALE: 50=1"

NOTE

Bearing of monuments A-B-C, which are in a straight line is S 75° 58' 08.3 E.
Monuments are concrete, 8" diam. with galvanized iron caps, and are set flush with sidewalk; marked thus (+)

War Department.
Feby 7, 1911.
Approved.
Acting Secretary of War.

HARBOR LINES
DELAWARE RIVER
COOPER POINT TO COOPER CREEK
CAMDEN, N. J.

Recommended by
MAJOR HERBERT DEAKYNE
Corps of Engineers U. S. Army
IN ACCORDANCE WITH AUTHORITY OF THE WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS, DATED MARCH 14, 1910
SURVEY MADE APRIL 7-25 AND DECEMBER 12-20, 1910

SCALE OF FEET
200 0 200 400 600 800 1000

61-21

12-19

W 332 R
1-23-1911