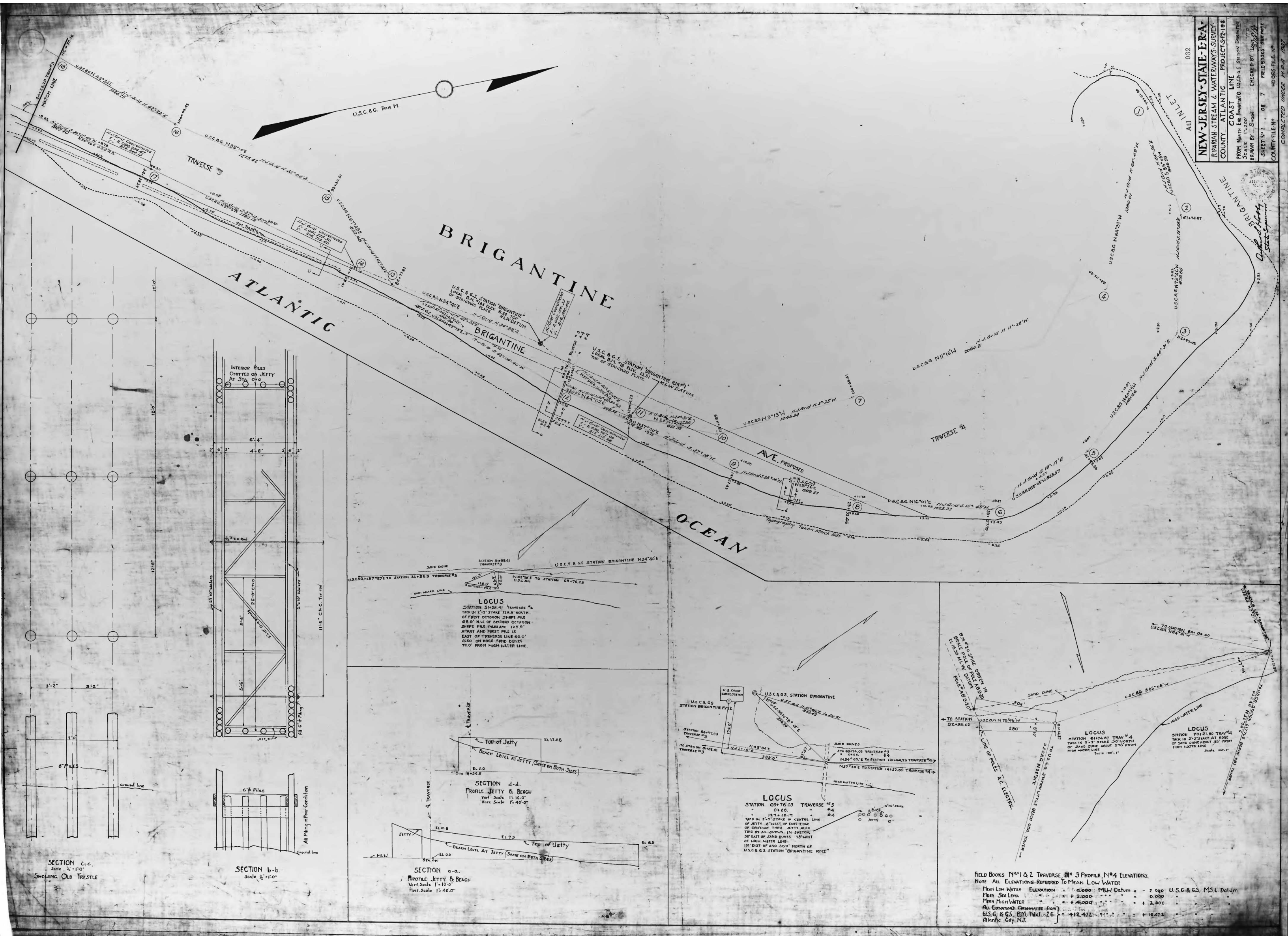
U.S.C.&G. True M.
BRIGANTINE
ATLANTIC
OCEAN
INLET
BRIGANTINE
Atl
MATCH LINE
TRAVERSE #3
TRAVERSE #4
AVE. PROPOSED
BRIGANTINE
JETTY
ELEV. 6.3
U.S.C.&G.S. STATION "BRIGANTINE"
Interior Piles Omitted on Jetty At Sta. 0+0
8" Piles
Ground line
6"ϕ Piles
All Piling in Poor Condition
Ground line
¢ TRAVERSE
Top of Jetty
EL 12.68
Beach Level At Jetty (Same on Both Sides)
EL 0.0
STA 18+54.5
JETTY
MLW
EL 10.8
EL 7.5
EL 6.3
STA 0+0
SAND DUNE
STATION 51+58.41 TRAVERSE #3
U.S.C.S.&G.S. STATION
N42°28'E TO STATION 69+76.03 U.S.C.&G
TO STATION 34+38.9 TRAVERSE #3
120.5'
125.9'
68.9'
60.0'
OCTOGON PILE
HIGH WATER LINE
U.S. COAST GUARD STATION
U.S.C.&G.S. STATION BRIGANTINE
U.S.C.&G.S. BRIGANTINE RM2
U.S.C.&G. N.51°06'E. to RM #1 833.42
U.S.C.&G N78° 15'E 350.74
27°09'
174.0'
N43°04'E
N42°18'E
389.0'
SAND DUNES
STA 69+76.03 TRAVERSE #3
" 0+00. " #4
N34°02'E TO STATION 121+64.23 TRAVERSE
N37°30'E TO STATION 14+32.89 TRAVERSE
HIGH WATER LINE
2"x2" STAKE
15.8'
JETTY
TO STATION 84+02.40 U.S.C.&G N64°41'W
U.S.C.&G. S85°08'W
SAND DUNE
HIGH WATER LINE
7°04'
61+74.87
70+21.80
TO U.S.C.G. STATION LITTLE BEACH OBS. TOWER U.S.C.&G N28°31'E
TO U.S.C.G. STATION LITTLE BEACH OBS. TOWER U.S.C.&G N32°04'E
032

NEW-JERSEY-STATE-E-R-A-

RIPARIAN·STREAM & WATERWAYS·SURVEY·

COUNTY ATLANTIC PROJECT-S-F2-188

COAST LINE

FROM NORTH END BRIGANTINE TO U.S.C.&G.S. STATION BRIGANTINE

SCALE 1"=200'

DRAWN BY SNOOK CHECKED BY LOWE W.D. 3/13/37

SHEET Nº 1 OF 7 FIELD BOOKS SEE NOTE

COUNTY FILE Nº HDQRS. FILE Nº

COMPLETED UNDER W.P.A. 1937

Arthur S. Holly
State Supervisor

LOCUS

STATION 51+58.41 TRAVERSE #3
TACK IN 2"x2" STAKE 120.5' NORTH
OF FIRST OCTOGON SHAPE PILE
68.9' N.W. OF SECOND OCTAGON
SHAPE PILE. PILES ARE 125.9'
APART AND FIRST PILE IS
EAST OF TRAVERSE LINE 60.0'
ALSO ON EDGE SAND DUNES
70.0' FROM HIGH WATER LINE.

SECTION c-c.
Scale ½" = 1'-0"
SHOWING OLD TRESTLE

SECTION b-b
Scale ½" = 1'-0"

SECTION d-d.
PROFILE JETTY & BEACH
Vert Scale 1" = 10'-0"
Horz Scale 1" = 40'-0"

SECTION a-a.
PROFILE JETTY & BEACH
Vert. Scale 1" = 10'-0"
Horz. Scale 1" = 40'-0"

LOCUS

STATION 69+76.03 TRAVERSE #3
" 0+00. " #4
" 127+10.17 " #4
TACK IN 2"x2" STAKE IN CENTRE LINE
OF JETTY 8" WEST OF EAST EDGE
OF DRIVEWAY THRU JETTY ALSO
TIED IN AS SHOWN IN SKETCH.
58' EAST OF SAND DUNES 78' WEST
OF HIGH WATER LINE
174' EAST OF AND 388' NORTH OF
U.S.C.&G.S. STATION "BRIGANTINE RM2"

LOCUS

STATION 61+74.87 TRAV #4
TACK IN 2"x2" STAKE 50' NORTH
OF SAND DUNE ABOUT 275' FROM
HIGH WATER LINE
Scale 100' = 1"

LOCUS

STATION 70+21.80 TRAV #4
TACK IN 2"x2" STAKE AT EDGE
OF SAND DUNE ABOUT 35' FROM
HIGH WATER LINE
Scale 100' = 1"

FIELD BOOKS Nos 1 & 2 TRAVERSE, Nº 3 PROFILE, Nº 4 ELEVATIONS.
NOTE ALL ELEVATIONS REFERRED TO MEAN LOW WATER

MEAN LOW WATER	ELEVATION = 0.000	M.L.W. Datum	= - 2.000	U.S.C.&G.S. M.S.L. Datum
MEAN SEA LEVEL	" = + 2.000	"	= 0.000	"
MEAN HIGH WATER	" = + 4.000	"	= + 2.000	"
ALL ELEVATIONS ORIGINATED from U.S.C.&G.S. B.M. Tidal 26 Atlantic City N.J.	= +12.472	"	= +10.472	"