

## USGS MAP



Block 30.01, Lot(s) 1, 1.01  
 Block 28.01, Lot(s) 1.01, 1.02, 1.03, & 1.04

1501 Bayview Avenue  
 Barnegat Light, Ocean County, New Jersey

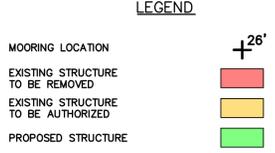
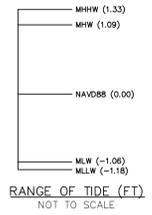
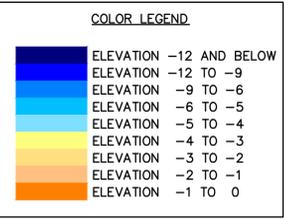
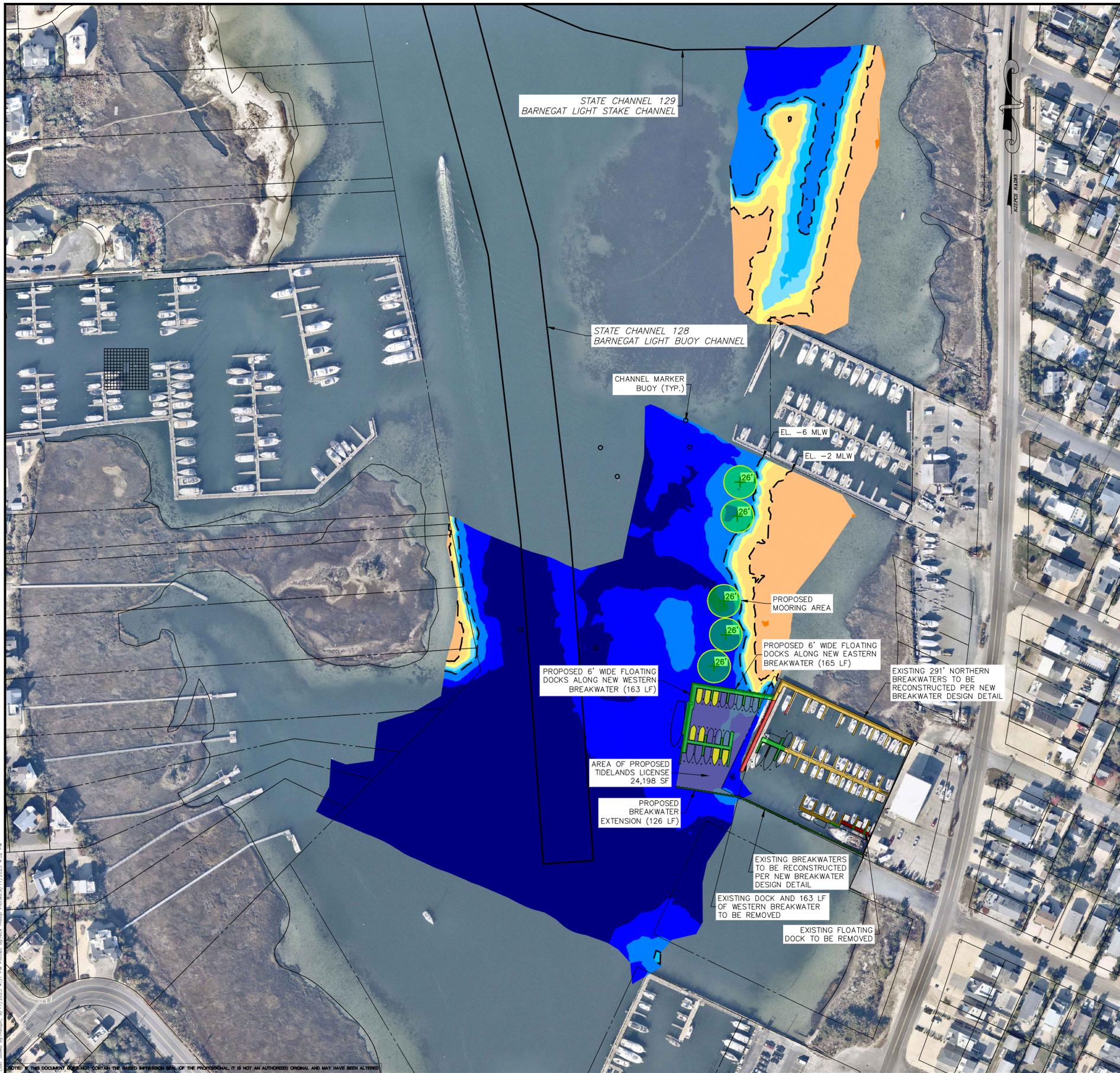
USGS Ship Bottom Quadrangle 2019  
 USGS Long Beach NE Quadrangle 2019  
 USGS Forked River Quadrangle 2019  
 USGS Barnegat Light Quadrangle 2019

1 Washington Boulevard  
 Suite 3  
 Robbinsville, NJ 08691  
 Voice 609.918.0200

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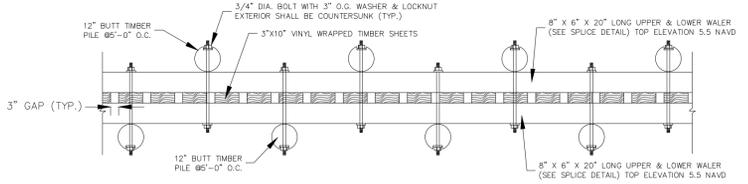
Civil Engineering • Land Surveying • Environmental Permitting



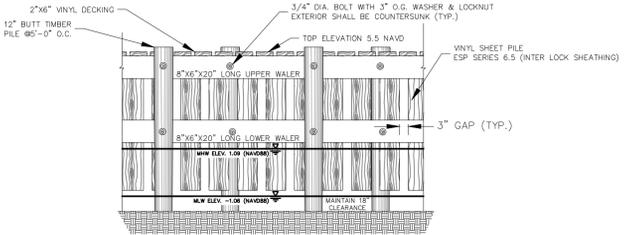
**PROPOSED MOORING AREAS**

NUMBER	RADIUS (FT)	BOAT SIZE (FT)	EASTING (X)	NORTHING (Y)
1	32.5	26	600815	335656
2	32.5	26	600810	335688
3	32.5	26	600783	335420
4	32.5	26	600787	335353
5	32.5	26	600763	335290

- GENERAL NOTES:**
- PHYSICAL FEATURES OUTSIDE OF THE SITE HAVE NOT BEEN COMPLETELY SHOWN.
  - HORIZONTAL DATUM IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983, (N.J.S.P.C.S., NAD 83). VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), AND WAS CONVERTED TO MEAN LOW WATER (MLW) DATUM USING TIDAL ELEVATIONS BASED ON MEAN LOW WATER DATUM NOAA TIDAL STATION 8533615 BARNEGAT INLET (INSIDE), NJ (TIDAL EPOCH 1983-2001).
  - VERTICAL DATUM RELATIONSHIP: MEAN LOW WATER (MLW) IS 1.06' BELOW NAVD88.
  - DATUMS WERE ESTABLISHED ON SITE USING GPS OBSERVATIONS.
  - THE FIELD SURVEY WAS CONDUCTED ON MARCH 27, 2024 BY ACT ENGINEERS, INC.
  - 44 NEW PILING ARE PROPOSED WITH THE DOCK EXTENSION AND MARINA EXPANSION AREA.
  - EXISTING BREAKWATERS WERE CONSTRUCTED PRIOR TO 1968.
  - BREAKWATERS ARE PROPOSED AS SHOWN ON THE DETAIL WITH PILING EVERY 4 FEET, STAGGERED ON EITHER SIDE.
- REFERENCE NOTES:**
- AERIAL IMAGERY FROM NEARMAP, DATED 9/8/23.



**NON-POLLUTING TIMBER SHEET PILING BREAKWATER WITH GAPS PLAN VIEW**  
SCALE: NO SCALE



**NON-POLLUTING TIMBER SHEET PILING BREAKWATER WITH GAPS CROSS SECTION**  
SCALE: NO SCALE

NOTICE: THIS DOCUMENT DOES NOT CONTAIN THE REGISTERED SEAL OF THE PROFESSIONAL, IT IS NOT AN AUTHORIZED ORIGINAL AND MAY HAVE BEEN ALTERED.

DATE: 5/22/24

PROJECT NO.: 200727-03

PROJECT NAME: BAYVIEW MARINA SOUTH

CLIENT: ACT ENGINEERS, INC.

SCALE: 1"=100'

DATE: 5/22/24

SHEET: 1 OF 2

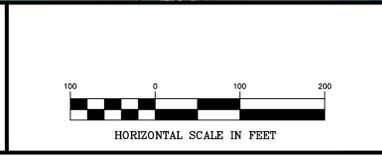
NO.	DATE	REVISION	DRAWN	CHK	REL
7	9/17/25	UPDATED PER USACE COMMENTS			
6	6/18/25	UPDATED PER NJDEP COMMENTS	NH	JR	
5	5/27/25	UPDATED PER NJDEP COMMENTS	NH	JR	
4	5/1/25	UPDATED PER NJDEP COMMENTS	NH	JR	
3	3/26/25	UPDATED PER USACE COMMENTS	NH	JR	
2	7/24/24	MOORING FIELD UPDATED PER BOROUGH COMMENTS	NH	JR	
1	7/19/24	REVISED TO SHOW BATHYMETRY	NH	JR	

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**ACT ENGINEERS, INC.**

A SMALL BUSINESS ENTERPRISE

CIVIL ENGINEERING LAND SURVEYING ENVIRONMENTAL PERMITTING

NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24C2936960

**SITE PLAN FOR BAYVIEW MARINA SOUTH**

SITUATED IN OCEAN COUNTY NEW JERSEY

PROJECT NO. 200727-03

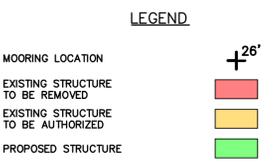
DATE 5/22/24

SHEET 1 OF 2

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- GENERAL NOTES:**
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  - HORIZONTAL DATUM IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983, (N.J.S.P.C.S., NAD 83). VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), AND WAS CONVERTED TO MEAN LOW WATER (MLW) DATUM USING TIDAL ELEVATIONS BASED ON MEAN LOW WATER NOAA TIDAL STATION 8533615 BARNEGAT INLET (INSIDE), NJ (TIDAL EPOCH 1983-2001).
  - VERTICAL DATUM RELATIONSHIP: MEAN LOW WATER (MLW) IS 1.06' BELOW NAVD88.
  - DATUMS WERE ESTABLISHED ON SITE USING GPS OBSERVATIONS.
  - THE FIELD SURVEY WAS CONDUCTED ON MARCH 27, 2024 BY ACT ENGINEERS, INC.
  - 61 NEW PILING ARE PROPOSED WITH THE DOCK EXTENSION AND MARINA EXPANSION AREA.
  - EXISTING BREAKWATERS WERE CONSTRUCTED PRIOR TO 1968.
  - BREAKWATERS ARE PROPOSED AS SHOWN ON THE DETAIL WITH PILINGS EVERY 4 FEET, STAGGERED ON EITHER SIDE.
- REFERENCE NOTES:**
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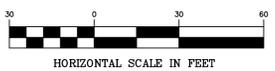
**BOARDWALK ACCESS SIGN DETAIL**

SCALE: NO SCALE

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NO.	DATE	REVISION	DRAWN	CHK	REL
7	9/17/25	UPDATED PER USACE COMMENTS		NH	JR
6	6/18/25	UPDATED PER NJDEP COMMENTS		NH	JR
5	5/27/25	UPDATED PER NJDEP COMMENTS		NH	JR
4	5/1/25	UPDATED PER NJDEP COMMENTS		NH	JR
3	3/26/25	UPDATED PER USACE COMMENTS		NH	JR
2	11/15/24	REVISED LABELS PER CLIENT COMMENTS		NH	JR
1	7/24/24	MOORING FIELD UPDATED PER BOROUGH COMMENTS		NH	JR

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NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24CA2936990

**DOCK LAYOUT DETAIL FOR BAYVIEW MARINA SOUTH**

SITUATED IN OCEAN COUNTY NEW JERSEY  
BARNEGAT LIGHT TOWNSHIP

CADD FILE	F-SITE	PROJECT NO.	200727-03
DRAWN BY	NH	CHECKED BY	JR
SCALE	1"=30'	DATE	5/22/24
ACT ENGINEERS, INC.			
SHEET			
2 OF 2			

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