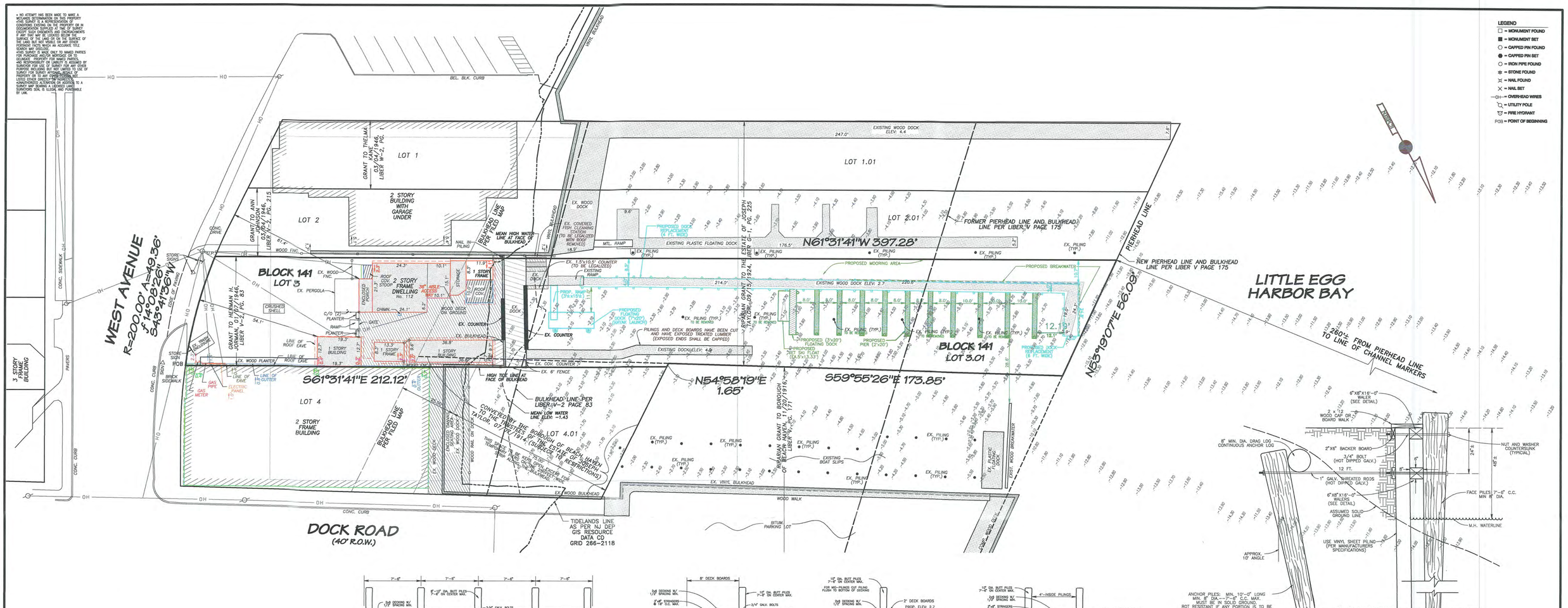
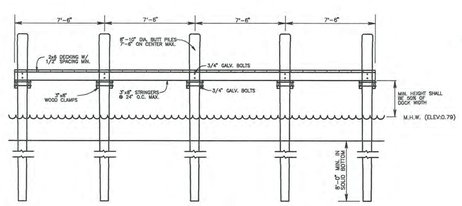
• NO ATTEMPT HAS BEEN MADE TO MAKE A TITLE SEARCH OR ABSTRACT OF TITLE TO PROPERTY
•THIS SURVEY IS A WORKSHEET OF CONDITIONS EXISTING ON THE PROPERTY OR IN DOCUMENTATION SUPPLIED AT TIME OF SURVEY EXCEPT SUCH EASEMENTS AND ENCROACHMENTS WHICH MAY BE ENTERED UPON THE SURFACE OF THE LAND OR ON THE SURFACE OF THE LAND BUT NOT VISIBLE ON ANY EXTERIOR BUILDING FACES WHICH AN ACCURATE TITLE SEARCH MAY DISCLOSE.
•THIS SURVEY IS MADE ONLY TO NAMED PARTIES FOR PURCHASE AND/OR MORTGAGE OR TO, DELIBERATE PROPERTY FOR NAMED PARTIES. THIS SURVEY IS NOT TO BE USED OR RELIED BY SUBVIDOR FOR USE OF SURVEY FOR ANY OTHER PURPOSE INCLUDING BUT NOT LIMITED TO USE OF SURVEY FOR SURVEY WITHIN ANNUAL SALE OF PROPERTY OR TO ANY OTHER PERSONS NOT NAMED HEREIN WITHOUT THE WRITTEN AUTHORIZATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYORS SEAL IS ILLEGAL AND PUNISHABLE BY LAW.





TYPICAL DOCK PROFILE
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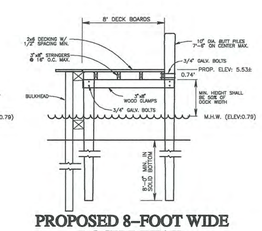

PROPOSED 8-FOOT WIDE DOCK DETAIL
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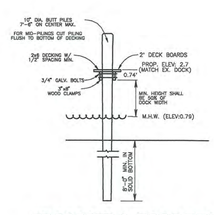

PROPOSED 2-FOOT WIDE DOCK DETAIL
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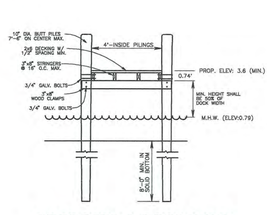

PROPOSED 4-FOOT WIDE DOCK DETAIL
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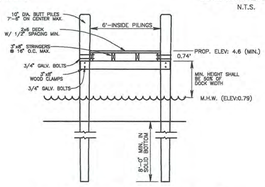
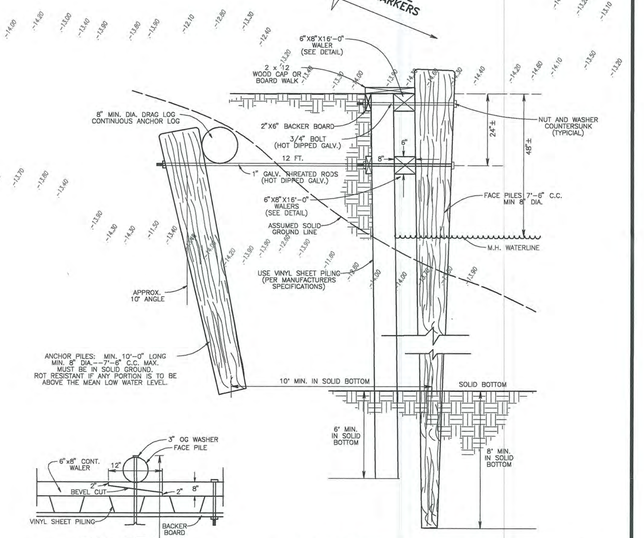
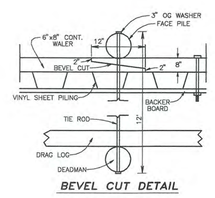


PROPOSED 6-FOOT WIDE DOCK DETAIL
N.T.S.

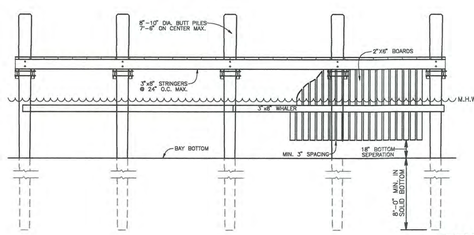




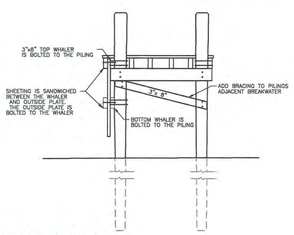
BEVEL CUT DETAIL

CONSTRUCTION NOTES:
1. NEW MOORING PILINGS, DOCKS AND BREAKWATER SHALL BE CONSTRUCTED OF NON-POLLUTING MATERIALS.
2. ALL METAL TO BE HOT DIPPED GALVANIZED.
3. ALL NUTS SHALL BE PEENED AFTER THE BOLTS ARE SECURED.
4. ALL BOLTS USED TO ATTACH THE PILES TO WALERS SHALL BE CUT OFF FLUSH WITH THE FACE OF THE PILE AND THE END PEENED AFTER THE BOLTS HAVE BEEN SECURED. COUNTERSINK ALL BOLTED CONNECTIONS TO PILE.
5. ALL WALERS SHALL BE SHIP LAPPED AT THE PILES (SEE DETAIL).
6. BACKFILL AGAINST THE BULKHEAD WITH CLEAN GRANULAR FILL.
7. INSTALLER IS TO FOLLOW MANUFACTURERS SPECIFICATIONS TO DETERMINE THE PROPER VINYL SELECTION IS USED AND TO INSTALL FOLLOWING ALL THE MANUFACTURERS SPECIFICATIONS IN ADDITION TO THE ONES LISTED ON THIS PLAN.

PROPOSED BULKHEAD DETAIL
N.T.S.



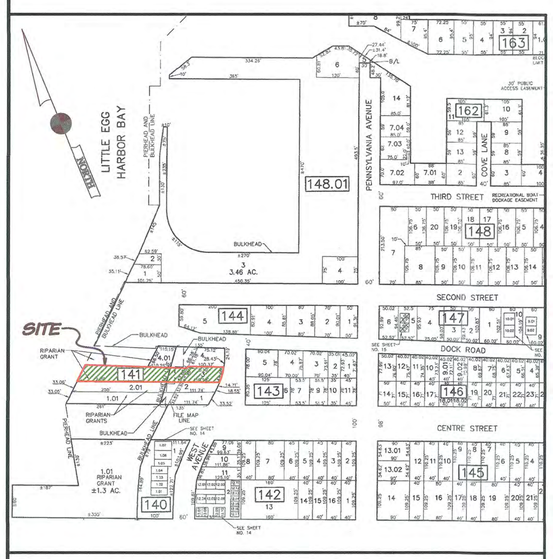
BREAKWATER DETAIL
N.T.S.



NOTES:
1. ELEVATIONS BASED ON N.A.V.D. 1988 DATUM.
2. SOUNDINGS ARE DEPTHS RELATIVE TO MLW, NOT ELEVATION.
3. TIDELANDS LINE IS IMPORTED DIGITALLY USING STATE PLANE COORDINATES.
4. THERE IS ONE EXISTING MENS BATHROOM AND ONE EXISTING WOMENS BATHROOM LOCATED AT THE MARINA.
5. A SIGN SHALL BE POSTED ON SITE INDICATING "NO DISHARGES ALLOWED WITHIN THE MARINA BASIN".
6. EXISTING NUMBER OF SLIPS: 19
7. PROPOSED NUMBER OF SLIPS: 30
8. PROPOSED PILINGS QUANTITY:
   - 8" DOCK = 72
   - 4" ZANE DOCK = 14
   - 6' DOCK = 74±
   - 4' DOCK = 14
   - FINGER PIERS = 20
   - FLOATING KAYAK LAUNCH = 2
   - FLOATING JETSKI DOCK = 2
   - BULKHEAD REPLACEMENT = 11±
9. PROPOSED BULKHEAD REPLACEMENT IS APPROXIMATELY 77 LINEAR FEET. AREA BETWEEN EXISTING BULKHEAD AND NEW = 140± SQ. FT. VOLUME OF FILL BETWEEN BULKHEADS TO HTL = 320± CU. FT.
10. MATERIALS FOR ALL NEW STRUCTURES SHALL BE NON-POLLUTING SUCH AS VINYL, CEDAR OR FIBERGLASS.

TIDE GAUGE REFERENCE:
TIDE ELEVATIONS BASED ON TIDAL BENCHMARK JU0208 USING N.A.V.D. 1988 DATUM.

1.) MEAN LOWER LOW WATER (MLLW) ELEVATION NAVD 1988= -1.54
2.) MEAN LOW WATER (MLW) ELEVATION NAVD 1988= -1.43
3.) MEAN TIDE LEVEL (MTL) ELEVATION NAVD 1988= -0.32
4.) MEAN HIGH WATER (MHW) ELEVATION NAVD 1988= 0.79
5.) MEAN HIGHER HIGH WATER (MHHW) ELEVATION NAVD 1988= 1.07



AREA MAP-BEACH HAVEN BOROUGH TAX MAP
SCALE: 1"=200'

GRAPHIC SCALE 1"=20'
0 20 40 60

META DATA
UNITS: USFT
HORIZONTAL DATUM: NAD83(2011)2010.00
VERTICAL DATUM: NAVD 1988
DEED BK:13772 PG:1841

NJDEP APPLICATION PLAN

PREPARED FOR
POLLY'S DOCK

BLOCK 141 LOTS 3 & 3.01
BEACH HAVEN BOROUGH
OCEAN COUNTY, NEW JERSEY

JOB No.: 2017-0430	TAX MAP SHEET No.: 8		
DRAWN BY: DLG	SCALE: 1"=20'		
CHECKED BY: JMM	DATE PREPARED: 05/08/2018		

East Coast Engineering, Inc.
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(908) 693-2600 VOICE TOMS RIVER, NJ 08753
(732) 244-3044 FAX www.ecelnc.net
CERTIFICATE OF AUTHORIZATION No. 24GA27935600

JAY F. PIERSON, P.L.S., P.P.
NEW JERSEY PROFESSIONAL LAND SURVEYOR 27462
NEW JERSEY PROFESSIONAL PLANNER 02525

JASON M. MARCIANO, P.E., P.P.
NEW JERSEY PROFESSIONAL ENGINEER 44814
NEW JERSEY PROFESSIONAL PLANNER 06040

REVISIONS	
02/01/2022:	AS PER ACOE REVIEW.
07/16/2021:	AS PER ACOE REVIEW.
01/20/2021:	REDUCED DOCK WIDTH ADJUSTED OTHER DOCK WIDTHS AND LENGTHS.
09/07/2018:	AS PER ACOE & NJDEP COMMENTS.

Project Desc.: Path: J:\2017\20170430\20170430.pro Plot Date/Time: Tue Feb 1,2022 / 16:13:21