



**US Army Corps
of Engineers**
Philadelphia District

Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No.	Date
CENAP-OP-R-2012-0158	
Application No.	File No.

In Reply Refer to:
REGULATORY BRANCH

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: Hoffman's Marina East

AGENT: D.W. Smith Associates, 1430 State Route 34, Wall, New Jersey 07753

WATERWAY: Manasquan River

LOCATION: Along Green Avenue, identified as Lot 1.09 of Block 58.02 (formerly Lots 1, 1.01, 2, 2.01 of Block 25 and Lots 4.01 and 4.02 of Block 58.02), in the Borough of Brielle, Monmouth County, New Jersey

ACTIVITY: The applicant has applied for a Department of the Army permit to maintain existing marina structures and fill and perform proposed modifications to the 46-slip existing marina. The application identifies modifications that were completed by an earlier property owner between 2002 and 2007 (as suggested by historic aerial photography) without benefit of a Department of the Army permit as well as the proposed modifications all described below.

Original: The marina, itself, was constructed (including piers and bulkheading) prior to 1940 to include a 203 foot long pier (identified as "Dock B) and a 125 foot long pier with 109 foot long terminal "T" section (identified as Dock A) with bulkheading in between and to each side. Between 1963 and 1970, a travel lift boat slip, approximately 51 feet by 16, feet was excavated into uplands and bulkheaded between the 2 piers. As such, the 2 marina piers and excavated boat slip area would be considered approved pursuant to 33 CFR 330.3.

After-The-Fact Approvals Requested: Between 2002 and 2007, a 109 foot long terminal "T" section was added to the 203 foot long pier (Dock "B") which included the placement of 22 timber mooring piles. Additionally, the travel lift boat slip described above was completely filled and bulkheaded in 2005 as per the agent with 215 cubic yards of fill materials discharged within 784 square feet of open waters below the high tide line. The bulkheading required the placement of 2 face piles. Also, based upon aerial photography, approximately 16 finger piers were constructed along the 2 original piers and bulkheading between 1979 and 1995.

Proposed Structural Work: The existing 172 foot long “T” shaped dock “B” would be modified to create a “jog” in the waterward-most 78 linear feet of pier as follows.

First, one 78 linear foot dock “B” segment would be removed along with 5 existing finger piers and 36 existing piles all resulting in the loss of 11 slips. After the removals, the waterward dock end dock would be re-configured to include the placement of one 8 foot wide by 33.34 feet long fixed Trex Dock B addition (pier-perpendicular), one 8 foot wide by 78 feet long pier parallel fixed Trex Dock B addition, eight 16” diameter timber bumper piles, nine 10’ support piles, and 2 new timber finger piers (each 18.5’ long x 2.5’ wide). The re-configuration would result in the creation of 3 new boat slips and a total of 38 boat slips.

The applicant also requests approval for the proposed repair of the existing filled boat slip area bulkhead with vinyl sheeting and 4 timber face piles.

PURPOSE: The applicant’s stated purpose for use of the filled boat slip area is for extra parking. The applicant’s stated purpose for maintenance of the terminal “T” section of Dock B is to maintain the dock end. The applicant’s stated purpose for the proposed modifications is to provide berths for customers with larger boats.

A preliminary review of this application indicates that the proposed work is located in waters inhabited by listed species, including Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), but not their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. This office has determined that so long as no in-water work occurs between April 1 and December 1, there should be no effect to listed species. Otherwise, the project may affect listed species. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act.

Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the proposed work should be submitted, in writing, within 15 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

Review of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion therein are located within the permit area.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH). A preliminary assessment of the species listed in the "Guide to Essential Fish Habitat Designations in the Northeastern United States, Volume IV: New Jersey and Delaware", dated March 1999, specifically page 14 indicates that there may be species of concern within the subject site.

Analysis of the Effects: This office has made a preliminary determination that the work already completed would have no further effect on EFH and species of concern. Furthermore, this office has determined preliminarily that proposed structural work may have an adverse effect on EFH and species of concern but is not likely to have a substantial adverse effect given the minimal amount of new work proposed.

Compensatory Mitigation: Pursuant to 33 CFR 332, the applicant has stated the boat slip was filled by a former owner at least 10 years ago. They further state that there is no way the current owner could avoid any impacts since the slip was filled when he purchased the property and no way to supply compensation for an action taken by a former owner so many years ago.

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management.

In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate is necessary from the State government in which the work is located. Any comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State.

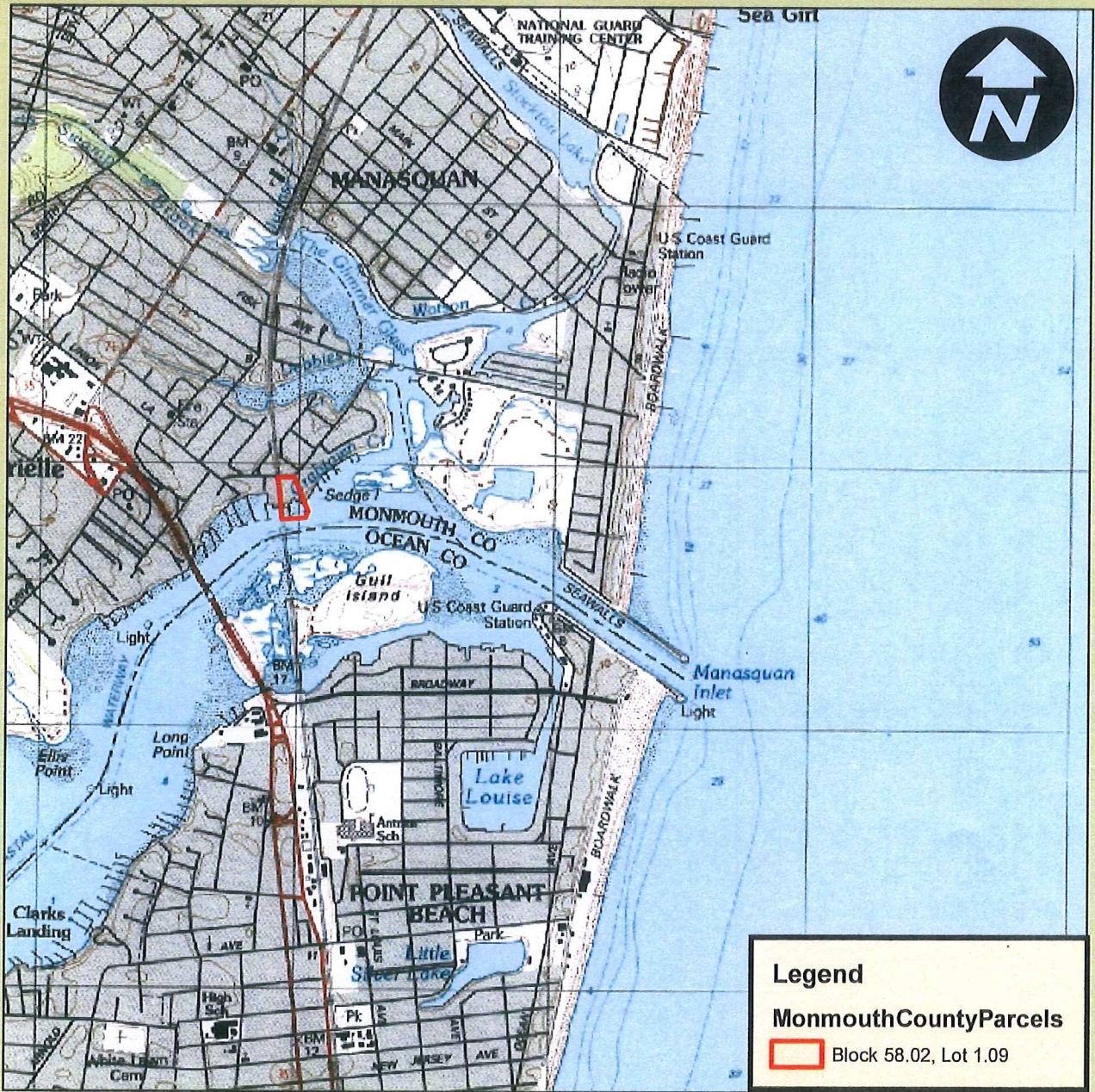
The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling David J. Caplan at 215-656-6731, via email at David.J.Caplan@usace.army.mil, or by writing this office at the above address.

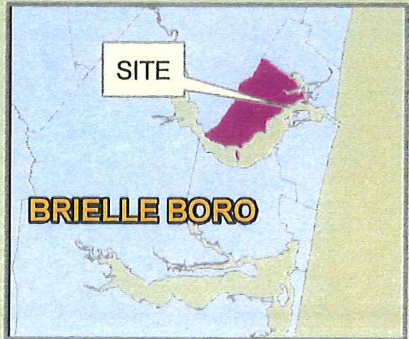
Edward E. Bonner
Chief, Regulatory Branch

FIGURE 4: USGS MAP/POINT PLEASANT QUAD



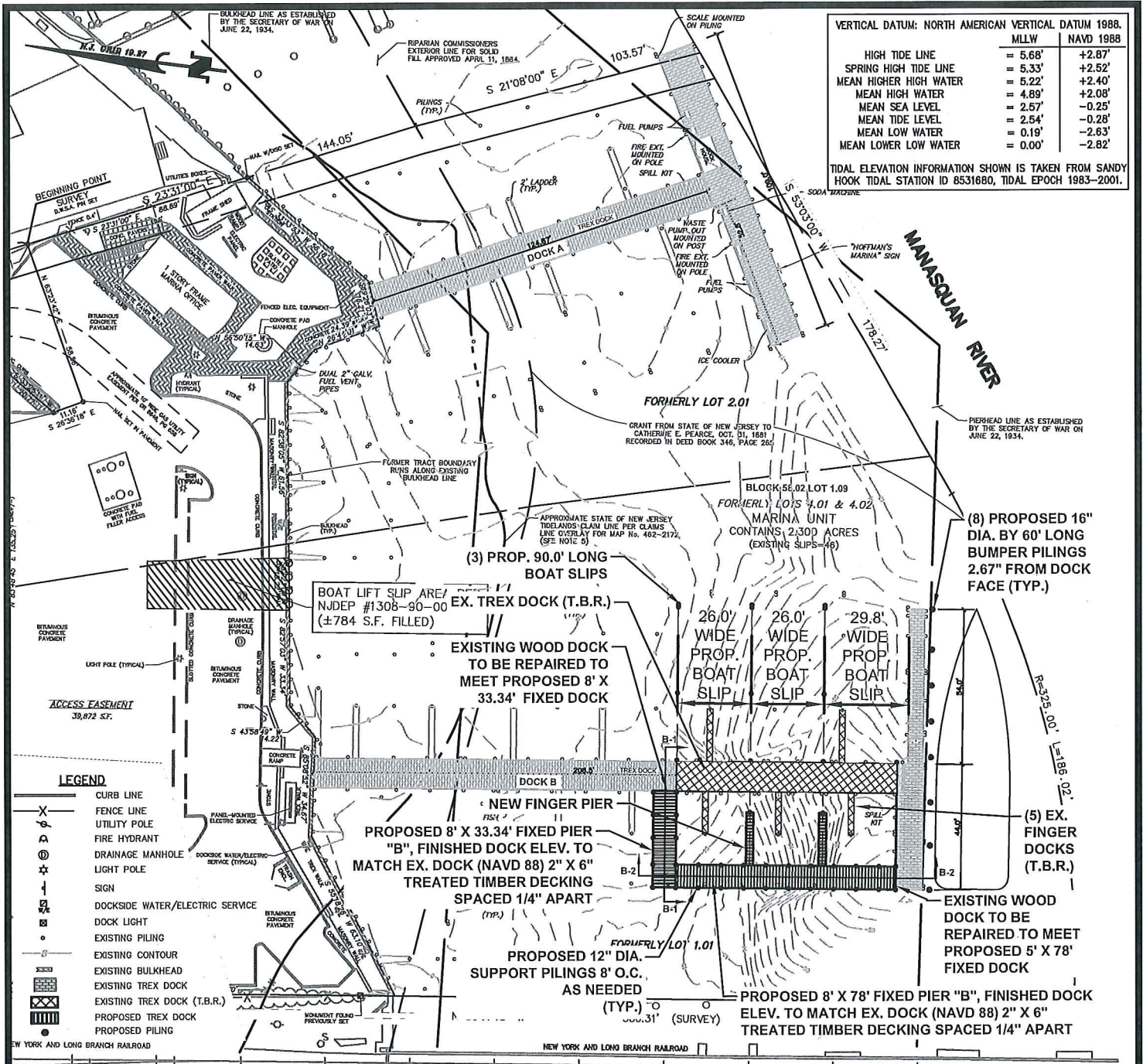
DW SMITH ASSOCIATES, LLC
 1450 State Highway 34
 Wall Township, NJ 07753
 P. 732-363-5850
 F. 732-905-8669
 pgriber@dwsmith.com

Date: November 23, 2015
 Job Number: 14-276.ACE



Hoffman's Marina East
 Block 58.02, Lot 1.09
 Boro of Brielle
 Monmouth County, NJ

Scale: 1" = 2000'
 Northing: 464,426'
 Easting: 618,104'



VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.

	MLW	NAVD 1988
HIGH TIDE LINE	= 5.68'	+2.87'
SPRING HIGH TIDE LINE	= 5.33'	+2.52'
MEAN HIGHER HIGH WATER	= 5.22'	+2.40'
MEAN HIGH WATER	= 4.89'	+2.08'
MEAN SEA LEVEL	= 2.57'	-0.25'
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MEAN LOW WATER	= 0.19'	-2.63'
MEAN LOWER LOW WATER	= 0.01'	-2.82'

TIDAL ELEVATION INFORMATION SHOWN IS TAKEN FROM SANDY HOOK TIDAL STATION ID 8531680, TIDAL EPOCH 1983-2001.

SITE PLAN

SCALE: 1"=50'

CALCULATIONS				
AREAS	EXISTING	REMOVING	NEW	PROPOSED
SLIPS	46	11	3	38
DOCKS/FINGER PIERS (S.F.)	984 S.F.			987 S.F.

No.	DATE	BY	DESCRIPTION
2	11/30/16	P.A.G.	REVISED VERTICAL DATUM CHART & ADDED CALC. CHART
1	10/25/16	P.A.G.	ADDED TO BE REMOVED NOTE (T.B.R.)

REVISIONS



1450 STATE ROUTE 34, WALL TOWNSHIP, NJ 07753
(732)363-5850 · WWW.DWSMITH.COM

ENGINEERS ▼ PLANNERS ▼ SURVEYORS
ENVIRONMENTAL SERVICES ▼ COMMUNITY ASSN. SERVICES
LANDSCAPE ARCHITECTS
NJ CERTIFICATE OF AUTHORIZATION 24GA28122400

HOFFMAN'S MARINA EAST
LOT 1.09 BLOCK 58.02
(FORMERLY LOTS 1, 1.01, 2 & 2.01, BLOCK 25,
AND LOTS 4.01 & 4.02, BLOCK 58.02)
BOROUGH OF BRIELLE, OCEAN COUNTY, NEW JERSEY

TIMOTHY P. LURIE

N.J. PROFESSIONAL ENGINEER No. 24GE4027900
N.J. PROFESSIONAL PLANNER No. 33L100565000

JOB No. 14-276-ACE
DATE OCTOBER 21, 2016
SCALE 1" = 50'
DESIGN P.A.G.
DRAWN P.T.
CHECKED T.P.L.
PAGE 1 OF 7

GENERAL NOTES:

1. **APPLICANT:** HOFFMAN'S MARINA AT BRIELLE, LLC
20 EAST WILLOW STREET
MILLBURN, NJ 07041
P. (973) 376-6116
2. THE SUBJECT PROPERTY IS KNOWN AND DESIGNATED AS LOT 1.09, BLOCK 58.02, (FORMERLY LOTS 4.01 & 4.02) AS SHOWN ON SHEET NO. 4 OF THE CURRENT TAX MAP FOR BOROUGH OF BRIELLE, MONMOUTH COUNTY, NEW JERSEY.
3. TOTAL TRACT AREA = 100,188 SQ. FT. (2.30 ACRES)
4. ZONING DISTRICT: MC (MARINE COMMERCIAL)
5. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE FOLLOWING:
 - A. COMMITMENT FOR TITLE INSURANCE ISSUED BY WARRANTY TITLE AGENCY, INC., COMMITMENT DATE DECEMBER 9, 2010, COMMITMENT NO. WT10-575CH.
 - B. MAP ENTITLED "PLAN OF DIVISION OF PLOT G ON MAP OF ESTATE OF JAMES M. GREEN, DECEASED," SURVEYED BY WILLIAM SEGOINE, APRIL 1891 AND FILED JUNE 12, 1891 IN THE MONMOUTH COUNTY CLERK'S OFFICE IN CASE NO. 9, SHEET NO. 8.
 - C. MAP ENTITLED "MAP OF THE ESTATE OF JAMES H. GREEN, DECEASED, SITUATED ON THE MANASQUAN RIVER, FACING THE ATLANTIC OCEAN, WALL TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY", DATED JULY, 1882, SURVEYED BY J.C. PAYNE, C.E. AND FILED SEPTEMBER 16, 1886 IN THE MONMOUTH COUNTY CLERK'S OFFICE IN CASE NO. 9, SHEET NO. 7.
 - D. MAP ENTITLED "LOCATION SURVEY TAX MAP LOTS 1 AND 2, BLOCK 54, LOTS 3 AND 3.01, BLOCK 58 BOROUGH OF BRIELLE, MONMOUTH COUNTY, NEW JERSEY," DATED FEBRUARY 27, 1995, LATEST REVISION DATED NOVEMBER 2, 2002, PREPARED BY DONALD W. SMITH ASSOCIATES, P.A.
 - E. MAP ENTITLED, "BOUNDARY AND LOCATION SURVEY, TAX MAP LOTS 1, 1.01, 2 AND 2.01, BLOCK 58, BOROUGH OF BRIELLE, MONMOUTH COUNTY, NEW JERSEY", DATED APRIL 23, 2004, LAST REVISED APRIL 23, 2010, AS PREPARED BY DW SMITH ASSOCIATES, LLC.
 - F. MAP ENTITLED "STATE OF NEW JERSEY BOARD OF COMMERCE AND NAVIGATION MAP SHOWING RIPARIAN LANDS AND CONVEYANCES ON MANASQUAN RIVER AND IN THE BOROUGH OF POINT PLEASANT BEACH, MANASQUAN, AND BRIELLE FROM RIVER VIEW LANE EASTWARDLY TO INLET OCEAN AND MONMOUTH COUNTY," SHEET NO. 338, DRAWN MAY 6, 1959.
 - G. MAP ENTITLED "PROPERTY SURVEY FOR HAROLD L. AND ETHEL M. HOFFMAN, BOROUGH OF BRIELLE, MONMOUTH COUNTY, NEW JERSEY," SURVEY DATED APRIL 28, 1962, PREPARED BY MORRIS AND GLASGOW, INC.
 - H. STATE OF NEW JERSEY TIDELANDS CLAIMS LINE OVERLAY FOR MAP 462-2172 (MANASQUAN INLET).
6. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.
7. THE SUBJECT SITE CURRENTLY HOLDS A VALID TIDELANDS GRANT FROM THE STATE OF NEW JERSEY DATED OCTOBER 31, 1881 AS WELL AS THE FOLLOWING NJDEP WATERFRONT DEVELOPMENT PERMITS:
 - A. 1308-04-0010.1 (WFD 040001) DATED MARCH 31, 2005.
 - B. 1308-04-0010.2 (WFD 100001) DATED OCTOBER 21, 2010 FOR DOCK IMPROVEMENTS.
 - C. 1308-04-0010.2 (WFD 110001) DATED MARCH 21, 2011, ZANE EXEMPTION LETTER TO RECONSTRUCT A PORTION OF DOCK "B".
 - D. 1308-11-0003.1 (WFD 110001) DATED SEPTEMBER 7, 2011, ZANE EXEMPTION LETTER TO RECONSTRUCT DOCK "A".
 - E. 1308-04-0010.2 (WFD 110003) DATED FEBRUARY 8, 2012, MODIFICATION OF DOCK "B".
8. PROPERTY IS LOCATED IN FLOOD HAZARD ZONE AE. BASE FLOOD ELEVATION IS 10 FEET AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP NUMBER 34025C0456F, PANEL 456 OF 457, DATED 9/25/2009. THE FLOOD HAZARD ZONE IS AE, WITH A BASE FLOOD ELEVATION OF 9 PER PRELIMINARY FIRM MAP, DATED 9/25/2009.
9. PRIOR TO ANY WORK, CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE NEW JERSEY ONE CALL SYSTEM FOR UTILITY MARK OUTS 3 BUSINESS DAYS IN ADVANCE. UNDER NO CIRCUMSTANCES SHALL ANY UNDERGROUND EXCAVATION OR WORK BE PERFORMED DURING THIS TIME. CONTRACTOR CAN CALL NJ ONE CALL SYSTEM 7 DAYS A WEEK, 24 HOURS A DAY BY CALLING 811 OR 1-800-272-1000. CONTRACTOR SHALL FOLLOW THE GUIDELINES OUTLINED IN THE NEW JERSEY UNDERGROUND DAMAGE PREVENTION GUIDELINES FOUND ON THE NJ ONE CALL WEBSITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE DONE TO UNDERGROUND UTILITIES.
10. CONTRACTOR TO VERIFY FINISHED ELEVATIONS AT PROPOSED AND EXISTING DOCK PRIOR TO CONSTRUCTION.
11. APPLICANT PROPOSES THE FOLLOWING IN-WATER STRUCTURES:
 - A. CONSTRUCT THREE 26' X 103.32' NEW SLIPS
 - B. REPLACE 4 EXISTING SLIPS ON EASTERN SIDE OF DOCK B
 - C. REPLACE 7 EXISTING SLIPS ON WESTERN SIDE OF DOCK B
12. THIS PLAN IS FOR THE PERMITTING OF THE PROPOSED WATERFRONT STRUCTURES, ALL OTHER INFORMATION HAS BEEN PROVIDED FOR INFORMATION PURPOSES ONLY.
13. ALL PROPOSED DOCKS AND STRUCTURES SHALL BE SURFACED WITH 2" X 6" TREATED LUMBER WITH 1/4" GAPS BETWEEN THE BOARDS. ALL FASTENERS SHALL BE DOCK GRADE GALVANIZED.

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No.	DATE	BY	DESCRIPTION
2	11/30/16	P.A.G.	REVISED VERTICAL DATUM CHART
1	10/25/16	P.A.G.	NO REVISION THIS SHEET



DW Smith
Associates, LLC
Greenengineering

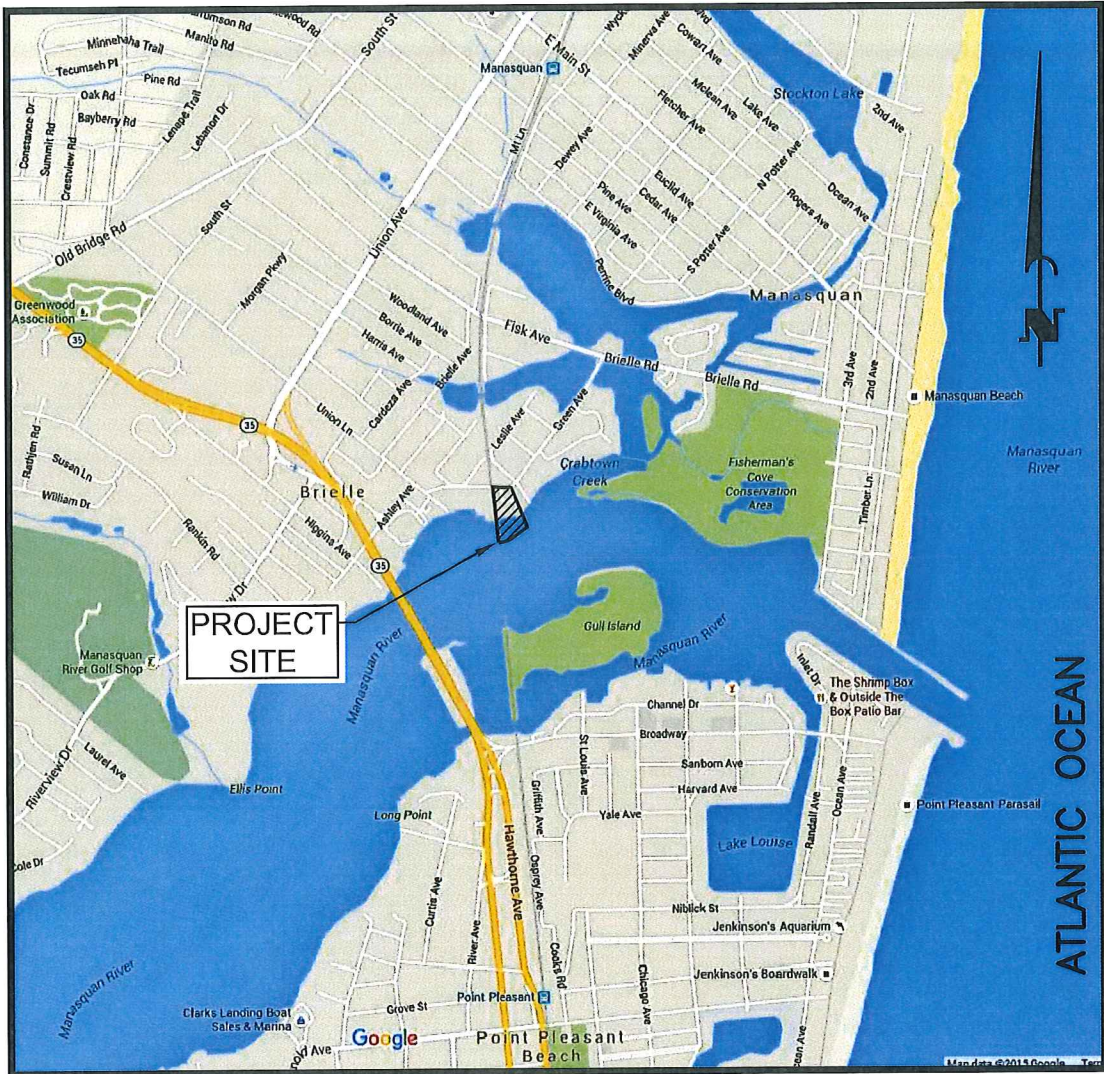
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LANDSCAPE ARCHITECTS
NJ CERTIFICATE OF AUTHORIZATION 24GA28122400

HOFFMAN'S MARINA EAST
LOT 1.09 BLOCK 58.02
(FORMERLY LOTS 1, 1.01, 2 & 2.01, BLOCK 25,
AND LOTS 4.01 & 4.02, BLOCK 58.02)
BOROUGH OF BRIELLE, OCEAN COUNTY, NEW JERSEY

TIMOTHY P. LURIE	JOB No. 14-276-ACE
	DATE OCTOBER 21, 2016
	SCALE N.T.S.
	DESIGN P.A.G.
	DRAWN P.T.
	CHECKED T.P.L.
	PAGE 2 OF 7

N.J. PROFESSIONAL ENGINEER No. 24GE4027900
N.J. PROFESSIONAL PLANNER No. 33L100565000



KEY MAP
SCALE: 1"=2,000'

No.	DATE	BY	DESCRIPTION
2	11/30/16	P.A.G.	NO REVISION THIS SHEET
1	10/25/16	P.A.G.	NO REVISION THIS SHEET

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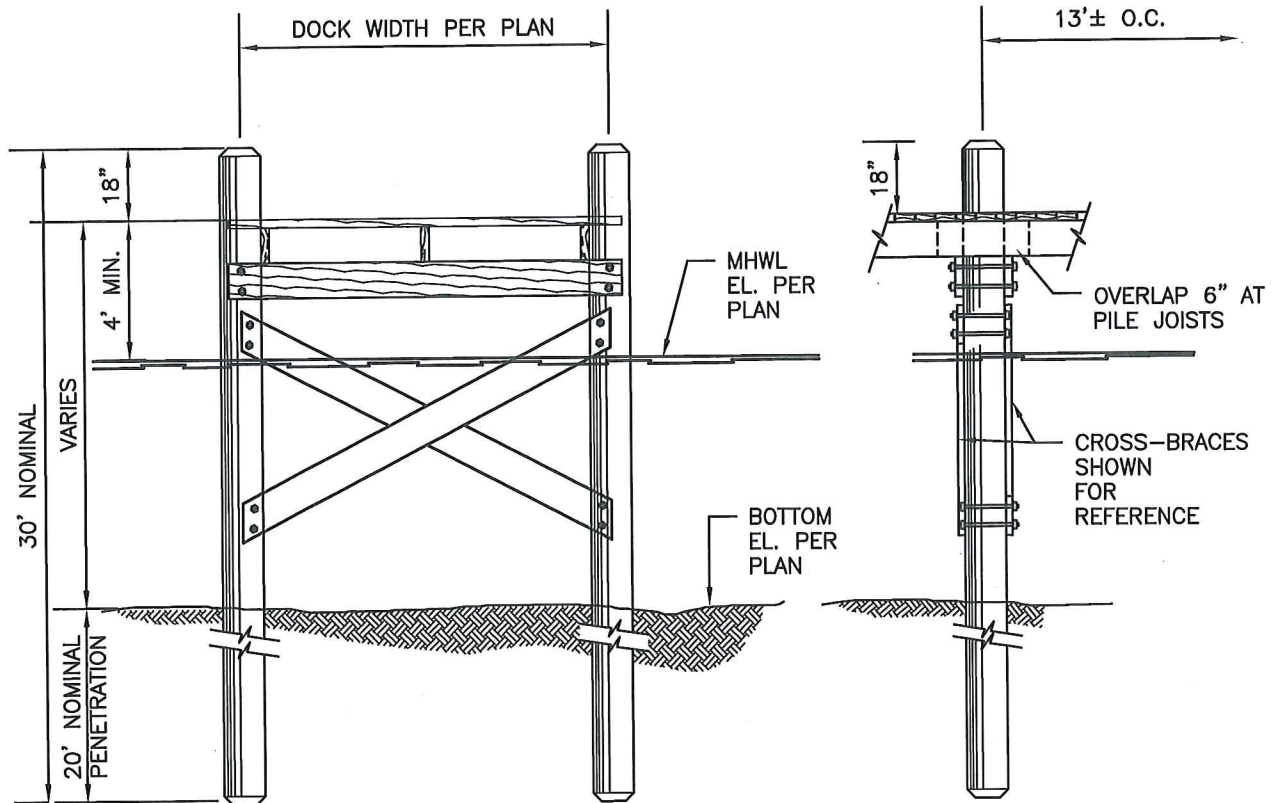
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PAGE 3 OF 7



NOTES:

- 1) PILES RANGE FROM 10" TO 17" IN DIAMETER, MATERIALS ALL PILES AND SUPPORTS ARE CCA 2.5 TREATED. HEIGHT OF DECK ABOVE WATER AT HIGH TIDE VARIES FROM 2'-6" TO 3'-6", EMBEDMENT VARIES TO SOIL CONDITIONS PILES ARE FROM 30' TO 18' EMBEDMENT, EXISTING PILES FROM 60' TO 35' INSTALLED AT THE SITE.
- 2) FINGER PIERS AND ALL CROSS MEMBER HARDWARE IS DOCK GRADE GALVANIZED AND ALL DECKING IS COMPOSITE TIMBER TECH WITH 3" STAINLESS STEEL SCREWS.
- 3) ALL DECK BOARD SPACING TO BE SET AT 1/4".

NEW DOCK CONSTRUCTION DETAIL

NOT TO SCALE

2	11/30/16	P.A.G.	NO REVISION THIS SHEET
1	10/25/16	P.A.G.	NO REVISION THIS SHEET
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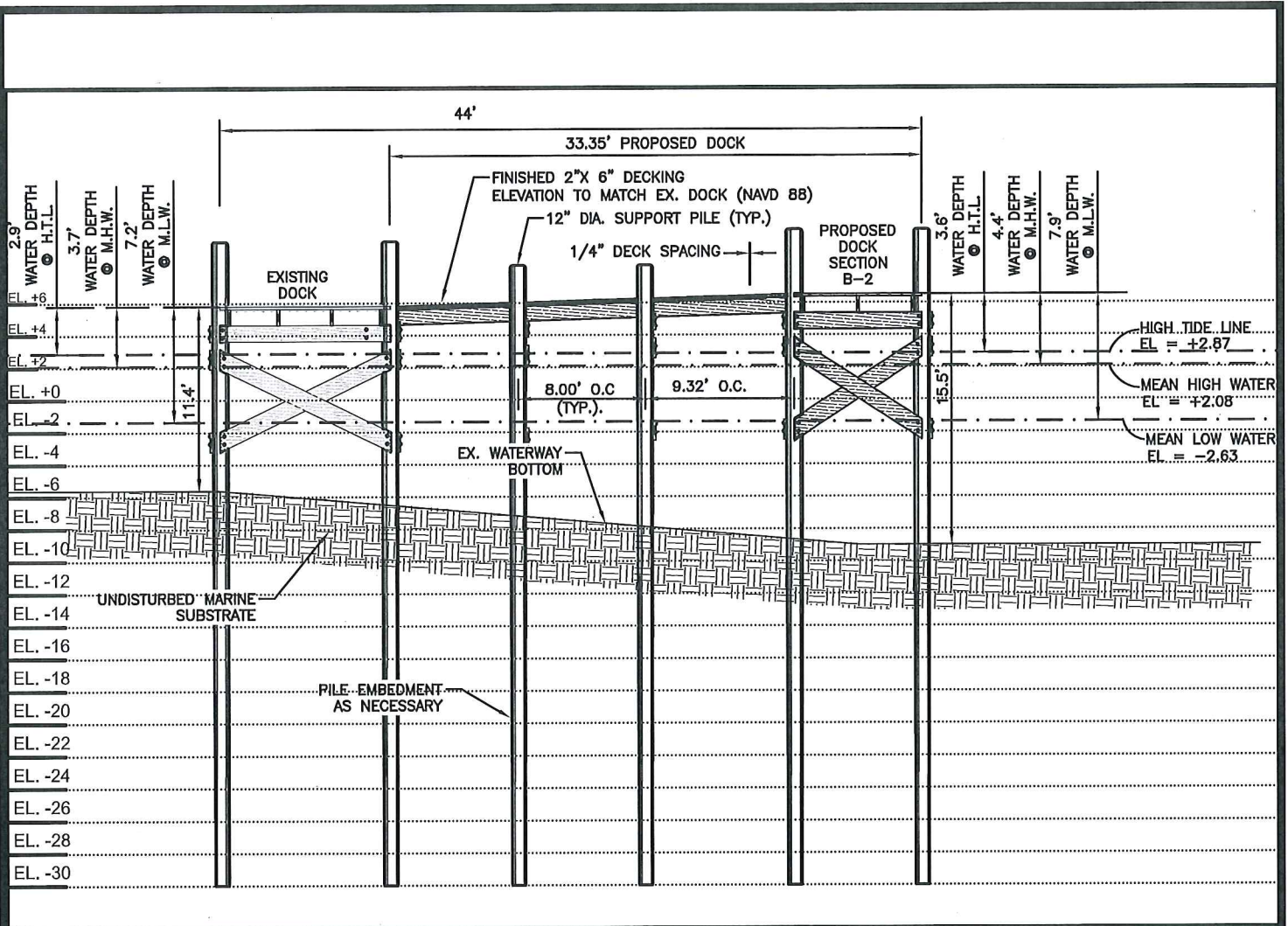
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PAGE 4 OF 7



SECTION B-1 - PROFILE VIEW

SCALE: 1"=10'

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.		
	MLLW	NAVD 1988
HIGH TIDE LINE	= 5.68'	+2.87'
SPRING HIGH TIDE LINE	= 5.33'	+2.52'
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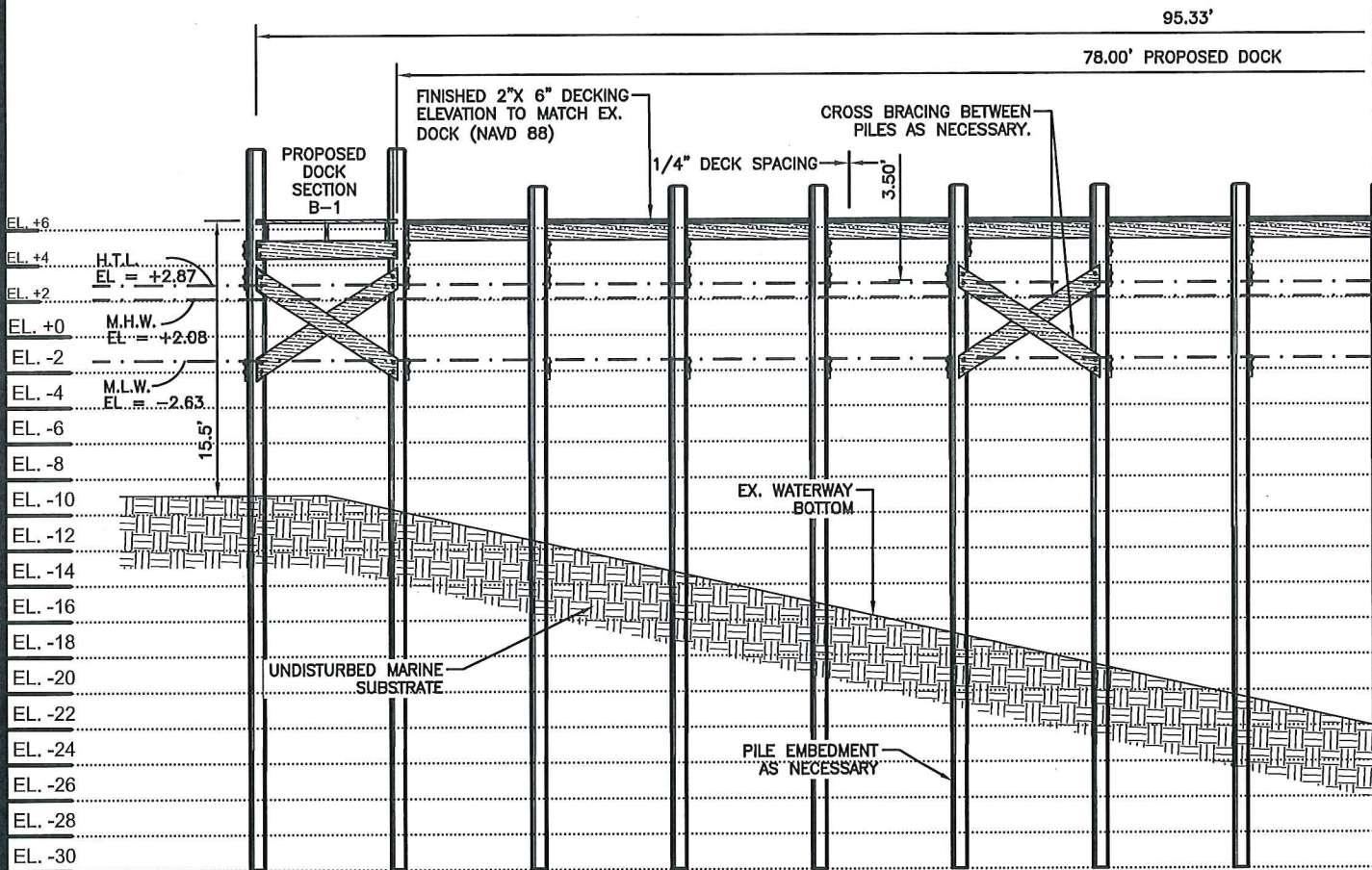
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SCALE 1" = 10'
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PAGE 5 OF 7



SECTION B-2 - PROFILE VIEW
SCALE: 1"=10'

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.		
	MLLW	NAVD 1988
HIGH TIDE LINE	= 5.68'	+2.87'
SPRING HIGH TIDE LINE	= 5.33'	+2.52'
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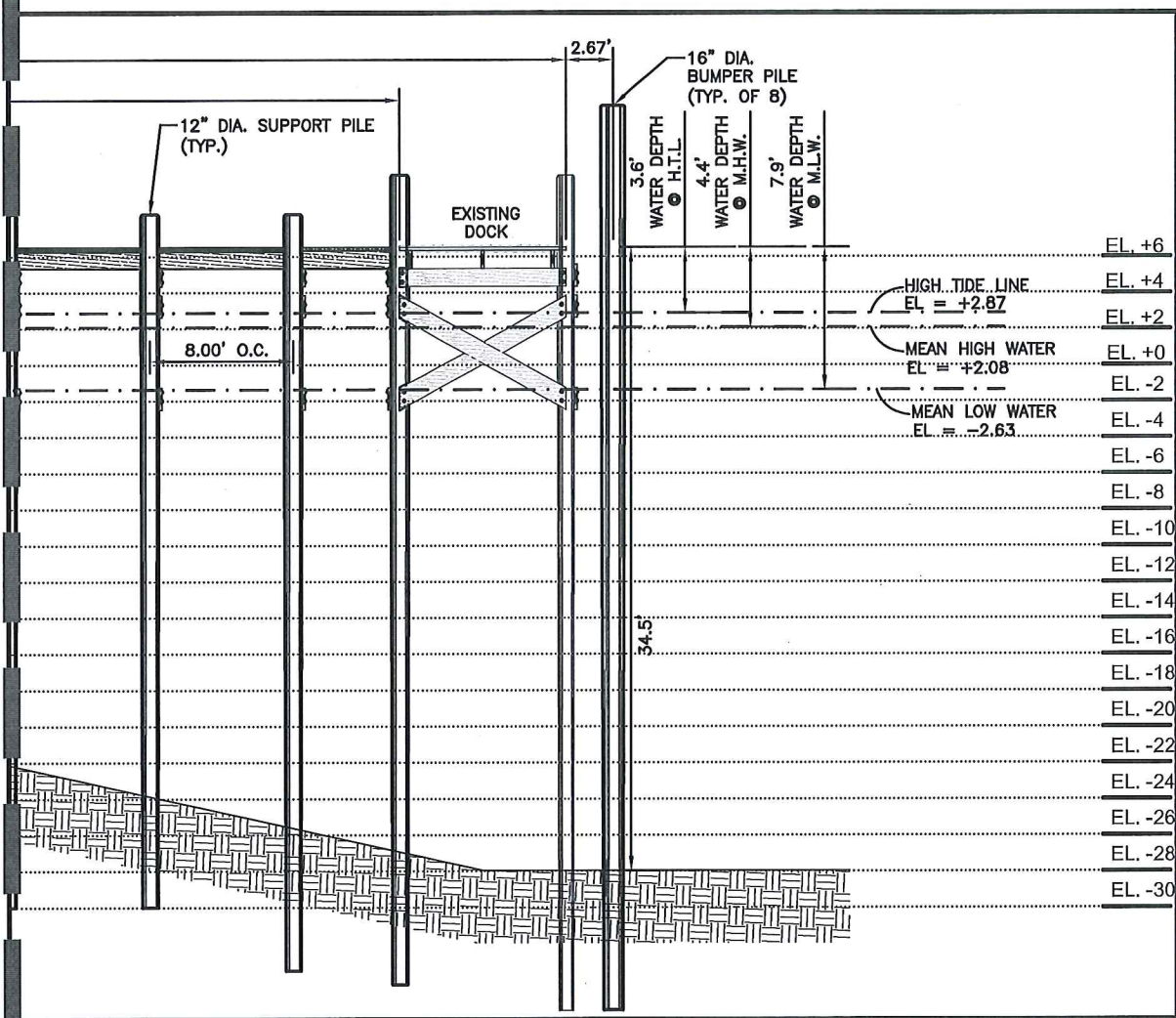
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DATE OCTOBER 21, 2016
SCALE 1" = 10'
DESIGN P.A.G.
DRAWN P.T.
CHECKED T.P.L.
PAGE 6 OF 7

MATCH LINE SHEET 6



SECTION B-2 - PROFILE VIEW

SCALE: 1"=10'

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.		
	MLLW	NAVD 1988
HIGH TIDE LINE	= 5.68'	+2.87'
SPRING HIGH TIDE LINE	= 5.33'	+2.52'
MEAN HIGHER HIGH WATER	= 5.22'	+2.40'
MEAN HIGH WATER	= 4.89'	+2.08'
MEAN SEA LEVEL	= 2.57'	-0.25'
MEAN TIDE LEVEL	= 2.54'	-0.28'
MEAN LOW WATER	= 0.19'	-2.63'
MEAN LOWER LOW WATER	= 0.00'	-2.82'

TIDAL ELEVATION INFORMATION SHOWN IS TAKEN FROM SANDY HOOK TIDAL STATION ID 8531680, TIDAL EPOCH 1983-2001.

No.	DATE	BY	DESCRIPTION
2	11/30/16	P.A.G.	ADDED VERTICAL DATUM CHART
1	10/25/16	P.A.G.	NO REVISION THIS SHEET



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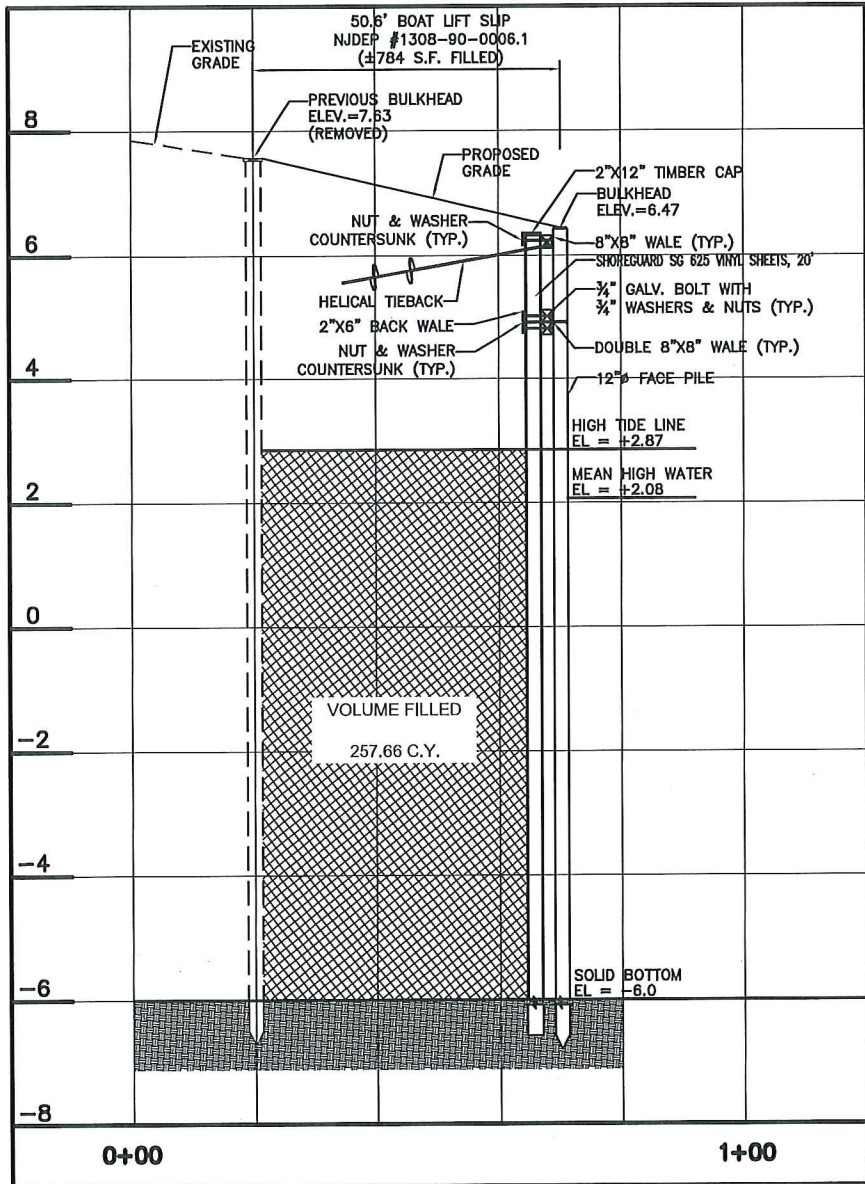
ENGINEERS ▼ PLANNERS ▼ SURVEYORS
ENVIRONMENTAL SERVICES ▼ COMMUNITY ASSN. SERVICES
LANDSCAPE ARCHITECTS
NJ CERTIFICATE OF AUTHORIZATION 24GA28122400

HOFFMAN'S MARINA EAST
LOT 1.09 BLOCK 58.02
(FORMERLY LOTS 1, 1.01, 2 & 2.01, BLOCK 25,
AND LOTS 4.01 & 4.02, BLOCK 58.02)
BOROUGH OF BRIELLE, OCEAN COUNTY, NEW JERSEY

TIMOTHY P. LURIE

N.J. PROFESSIONAL ENGINEER No. 24GE4027900
N.J. PROFESSIONAL PLANNER No. 33L100565000

JOB No. 14-276-ACE
DATE OCTOBER 21, 2016
SCALE 1" = 10'
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PAGE 7 OF 7



FILL CALCULATION:

LENGTH OF FILL AREA = 50.6'
 WIDTH OF FILL AREA = 15.5'
 DEPTH: HIGH TIDE LINE +2.87
 SOLID BOTTOM -6.0
 DEPTH 8.87'

6,956 CuFt OF FILL
 = 257.66 CuYd
 BELOW HIGH TIDE LINE

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.

	MLLW	NAVD 1988
HIGH TIDE LINE	= 5.68'	+2.87'
SPRING HIGH TIDE LINE	= 5.33'	+2.52'
MEAN HIGHER HIGH WATER	= 5.22'	+2.40'
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TIDAL ELEVATION INFORMATION SHOWN IS TAKEN FROM SANDY HOOK TIDAL STATION ID 8531680, TIDAL EPOCH 1983-2001.

CROSS SECTION - BOAT LIFT SLIP

SCALE: HOR. 1"=30'
 VER. 1"=3'

GENERAL NOTES:

- EXISTING CONDITIONS IN ACCORDANCE WITH MAP ENTITLED "BOUNDARY SURVEY, LOTS 4.01 & 4.02, BLOCK 58.02", PREPARED BY DW SMITH ASSOCIATES, LLC, DATED JAN. 6, 2011, LAST REVISED 1/16/12.
- BOAT LIFT AREA WAS FILLED PRIOR TO CURRENT OWNERSHIP. ALTHOUGH A PERMIT (#1308-90-0006.1) WAS OBTAINED FROM NJDEP, NO PERMIT WAS OBTAINED FROM ACOE TO FILL THE BOAT LIFT SLIP AREA.

No.	DATE	BY	DESCRIPTION
REVISIONS			



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 BOROUGH OF BRIELLE, OCEAN COUNTY, NEW JERSEY

JOB No. 14-276-ACE
DATE NOVEMBER 30, 2016
SCALE N.T.S.
DESIGN P.A.G.
DRAWN P.T.
CHECKED T.P.L.
PAGE 1 OF 1

TIMOTHY P. LURIE

N.J. PROFESSIONAL ENGINEER No. 24GE4027900
 N.J. PROFESSIONAL PLANNER No. 33L100565000

**DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT – PHILADELPHIA
CORPS OF ENGINEERS
WANAMAKER BUILDING – 100 PENN SQUARE EAST
PHILADELPHIA, PA 19107-3390
ATTN: REGULATORY BRANCH**