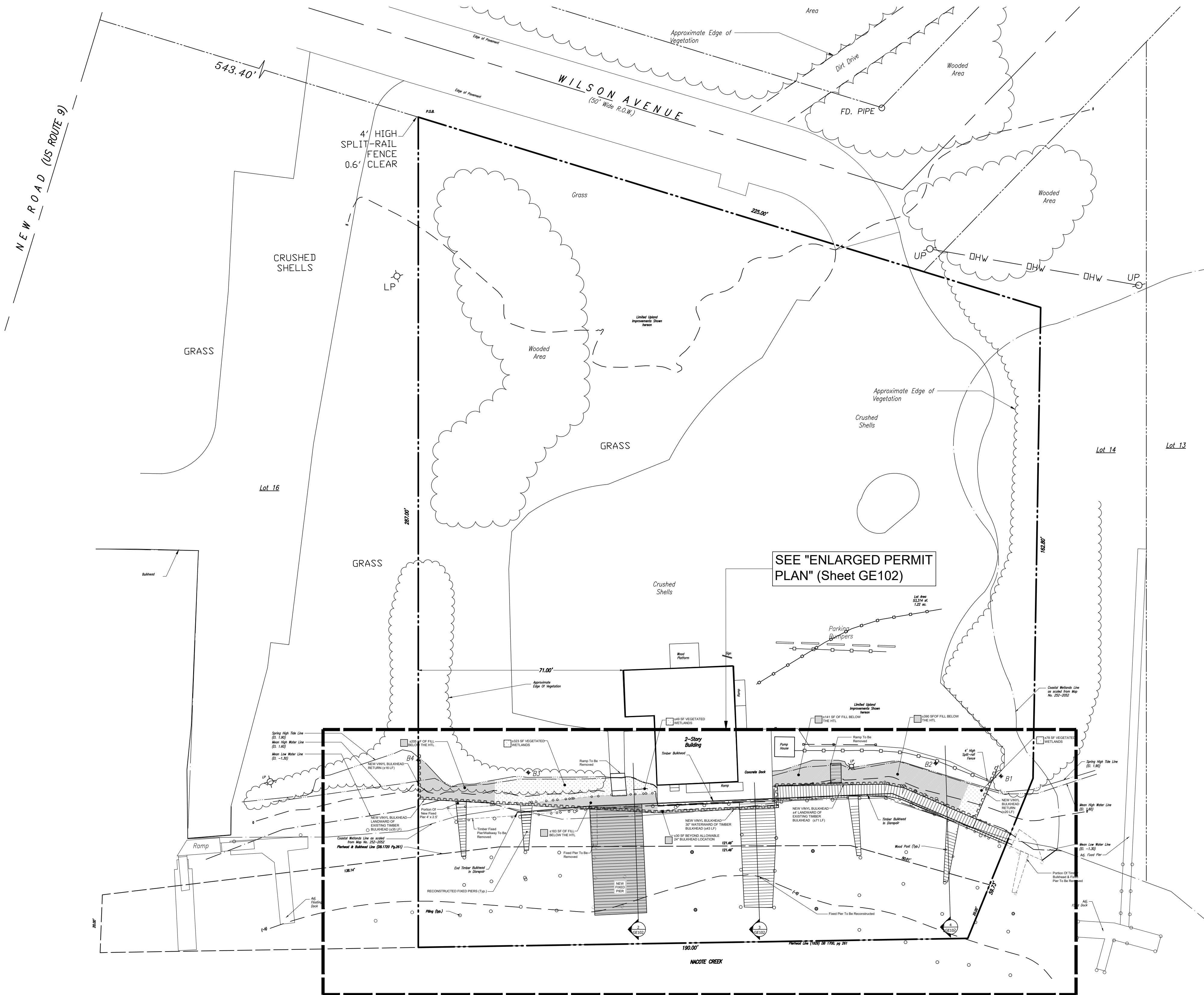
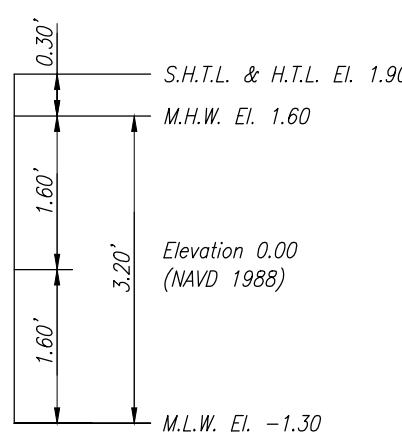


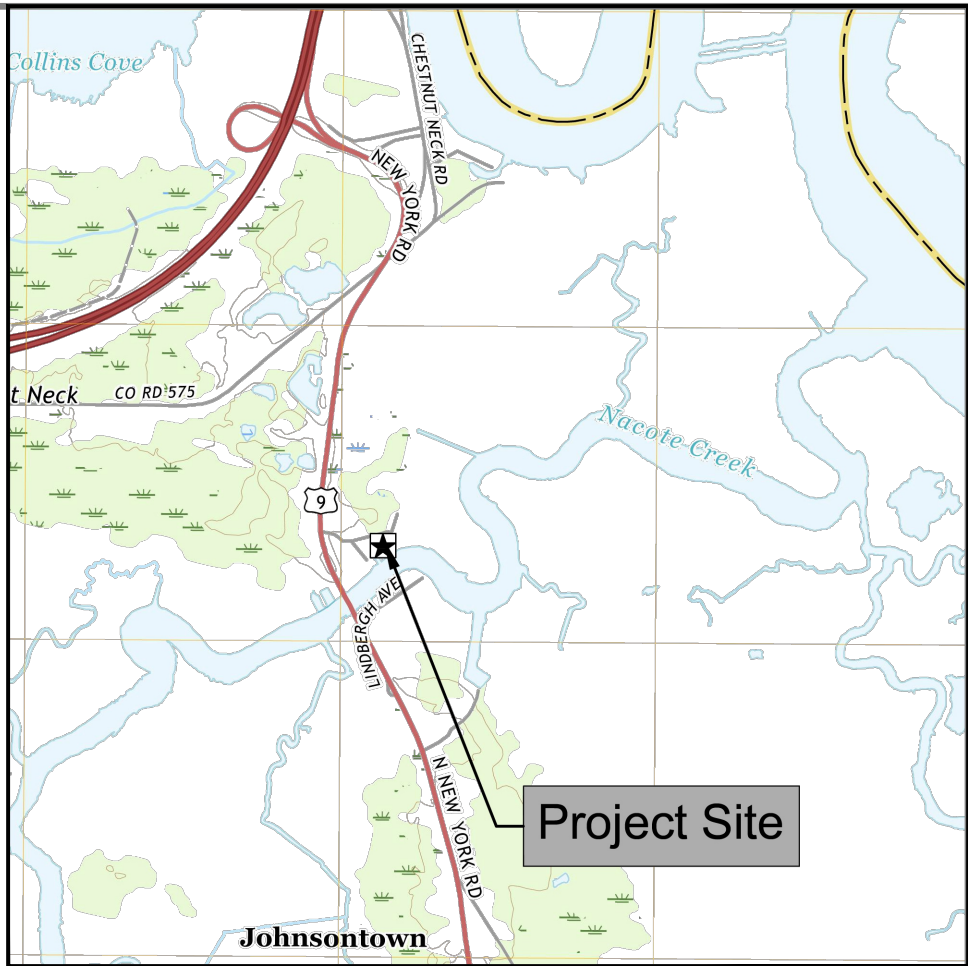


- GENERAL NOTES**
- Plan Reference: Existing conditions shown hereon as shown on plan prepared by Duffy, Doley, McManus & Roesch entitled "Map of Existing Condition" dated September 7, 2023.
 - Subject property is located within Flood Hazard Zone A6 (El. 9) per Preliminary FEMA FIRM No. 3400160002C dated of July 15, 1992.
 - The use of plastic under landscaped or gravel areas is prohibited. All sub-gravel liners shall be made of filter cloth or other permeable material.
 - Any driveway shall be covered with a permeable material or else shall be pitched to drain all runoff onto permeable areas of the site.
 - A silt fence with a 10-foot landward return shall be erected at the limit of disturbance along the waterward and wetland side of the development before construction begins. The fence shall be maintained and remain in place until all construction and landscaping completed.
 - Clean fill from an upland source shall be used for backfill.
 - Proposed bulkhead must be constructed with non-polluting material, such as plastic, natural cedar or other untreated wood, polymer coated pressure-treated wood, concrete or other inert products. Creosote and pressure-treated lumber (i.e. preservative treatment such as CCA-C, ACZA, CC ACQ, etc.) (wolmanized) which is susceptible to leaching are considered polluting materials and are not acceptable.
 - All proposed structures, including piers and docks (piles, stringers, walers and decking), boat lifts, mooring piles, breakwaters, and replacement bulkheads must be constructed with non-polluting material, such as plastic, natural cedar or other untreated wood, polymer coated pressure-treated wood, concrete or other inert products. Creosote and pressure-treated lumber (i.e. preservative treatment such as CCA-C, ACZA, CC ACQ, etc.) (wolmanized) which is susceptible to leaching are considered polluting materials and are not acceptable.
 - Spacing between horizontal planking shall be maximized and the width of horizontal planking shall be minimized to the maximum extent practicable as follows:
 - 3/8" space for 4" wide planking
 - 1/2" space for 6" wide planking
 - 3/4" space for 8"-10" wide planking
 - 1" space for 12" wide or greater planking
 - Soil borings shown hereon completed on August 2, 2024.

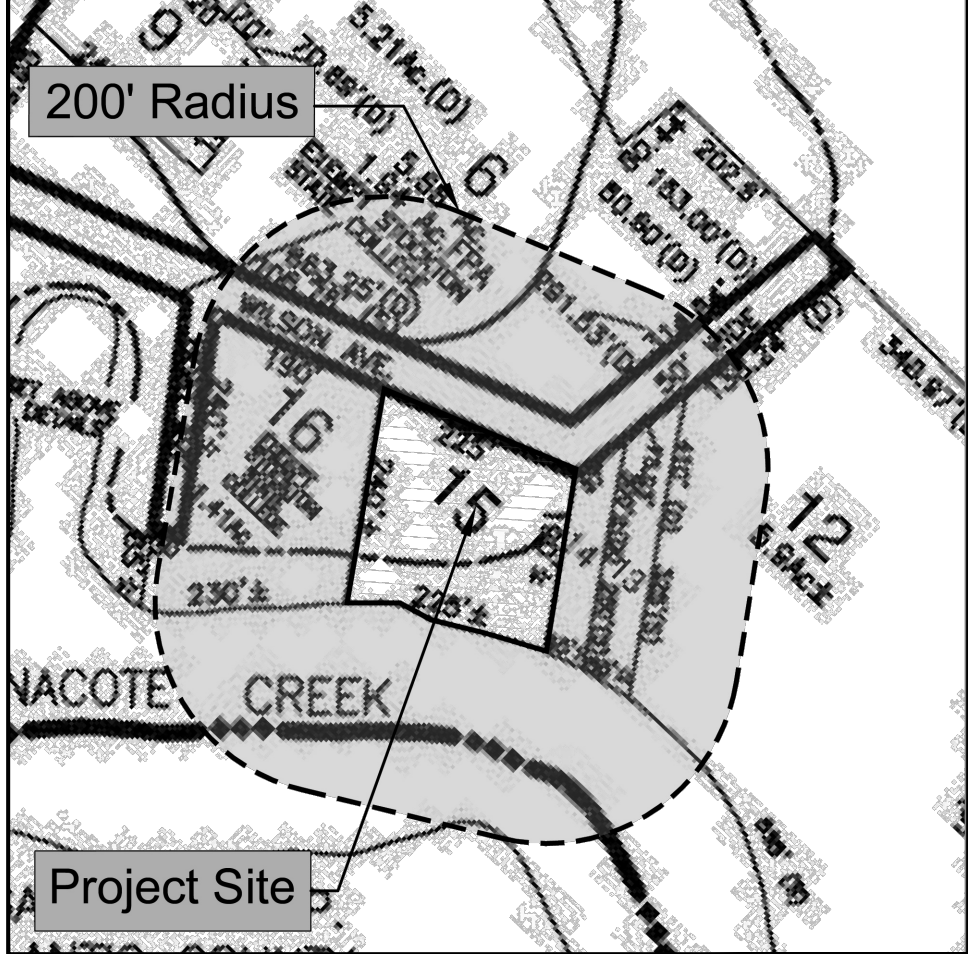
ELEVATION DATA
Reference Datum: NAVD 1988
Conversion factor to NGVD 1929 Datum +1.30



LOCAL RANGE OF TIDES
National Geodetic Survey Tidal Benchmark
Cromer Bayward, Mullica River, NJ
Epoch: 1983-2001



U.S.G.S Map
"NEW GRETN, NJ" Quadrangle
Map Date: 2019 (Map No. USGSX24K31719)
Scale: 1" = 2,000'



Tax Map
"City of Port Republic" Tax Map Sheet No. 7
Map Date: January 2014
Scale: 1" = 200'

The HYLAND GROUP

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NJ Arch. Cert. of Auth. No. 21AC00040300
NJ Eng. & Surv. Cert. of Auth. No. 24GA280887300

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Project Team:

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION APPROVAL

Blank area for environmental protection approval stamp.

John E. Halbruner
NJ Professional Engineer No. 42918

Project:

Graveling Point, LLC
New Bulkhead & Waterfront Structures

Location:

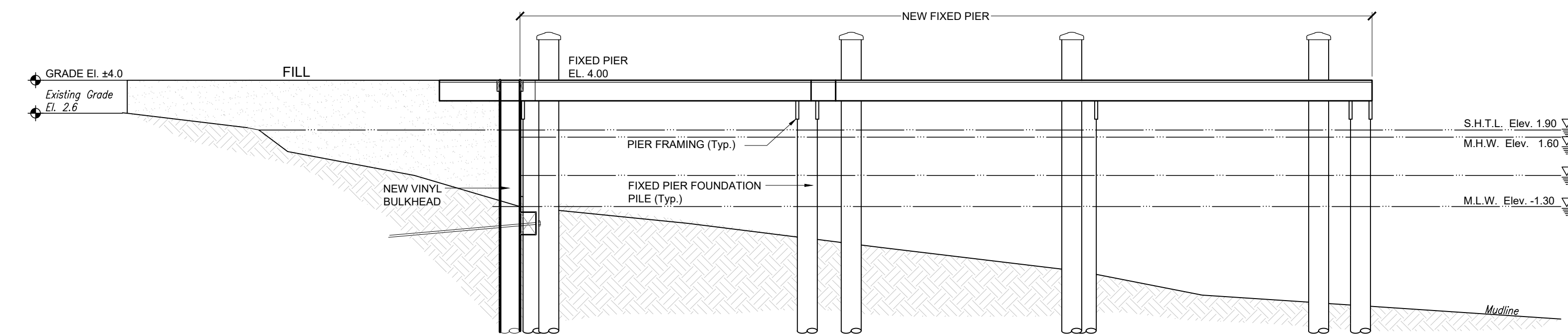
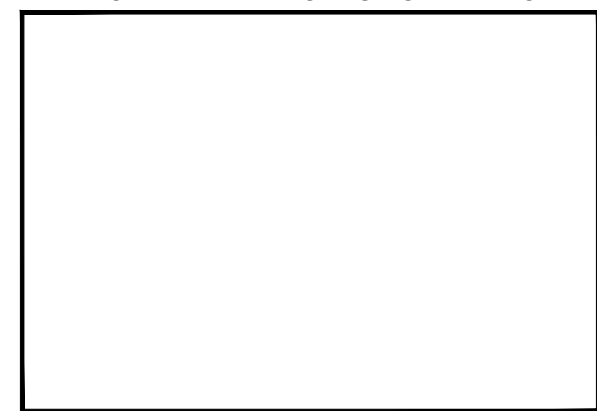
22-24 Wilson Avenue
Block: 8 Lot: 15
City of Port Republic
Atlantic County
New Jersey

Client:

Graveling Point, LLC

No.	Description	Date
1.	Initial Issuance	10.02.24
2.	Wetland Notes Revised Per ACOE	10.10.24

Drawn By: R.F.R. Checked By: J.E.H.
Project No. 33849.01



E-2

NEW RECONSTRUCTED FIXED PIER

NEW VINYL BULKHEAD

GRADE El. ± 4.0

Existing Grade El. 2.6

FIXED PIER EL. 4.00

PIER FRAMING (Typ.)

FIXED PIER FOUNDATION PILE (Typ.)

TIMBER BULKHEAD TO BE REMOVED

S.H.T.L. Elev. 1.90

M.H.W. Elev. 1.60

M.L.W. Elev. -1.30

Mudline

Scale: 1" = 4'

Graveling Point, LLC
New Bulkhead & Waterfront
Structures

ACOEF PERMIT PLAN

GE102

Sheet 02 of 02