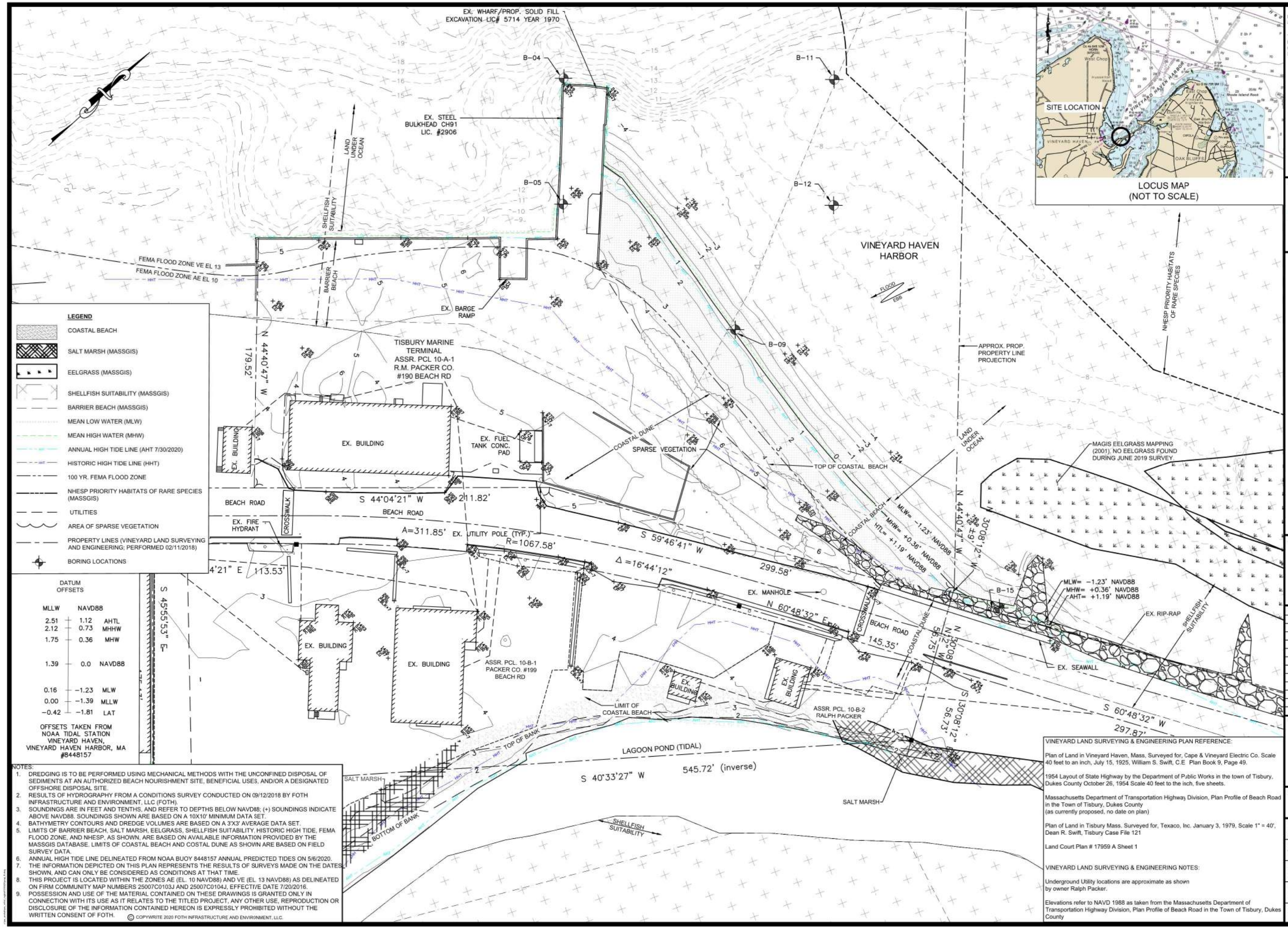


**LEGEND**

- COASTAL BEACH
- SALT MARSH (MASSGIS)
- EELGRASS (MASSGIS)
- SHELLFISH SUITABILITY (MASSGIS)
- BARRIER BEACH (MASSGIS)
- MEAN LOW WATER (MLW)
- MEAN HIGH WATER (MHW)
- ANNUAL HIGH TIDE LINE (AHT 7/30/2020)
- HISTORIC HIGH TIDE LINE (HHT)
- 100 YR. FEMA FLOOD ZONE
- NHESP PRIORITY HABITATS OF RARE SPECIES (MASSGIS)
- UTILITIES
- AREA OF SPARSE VEGETATION
- PROPERTY LINES (VINEYARD LAND SURVEYING AND ENGINEERING; PERFORMED 02/11/2018)
- BORING LOCATIONS

DATUM OFFSETS

| MLLW | | NAVD88 | |
|---|---|---|---|
| 2.51 | + | 1.12 | AHTL |
| 2.12 | + | 0.73 | MHHW |
| 1.75 | + | 0.36 | MHW |
| 1.39 | + | 0.0 | NAVD88 |
| 0.16 | + | −1.23 | MLW |
| 0.00 | + | −1.39 | MLLW |
| −0.42 | + | −1.81 | LAT |

OFFSETS TAKEN FROM NOAA TIDAL STATION VINEYARD HAVEN, VINEYARD HAVEN HARBOR, MA #8448157

NOTES:
1. DREDGING IS TO BE PERFORMED USING MECHANICAL METHODS WITH THE UNCONFINED DISPOSAL OF SEDIMENTS AT AN AUTHORIZED BEACH NOURISHMENT SITE, BENEFICIAL USES, AND/OR A DESIGNATED OFFSHORE DISPOSAL SITE.
2. RESULTS OF HYDROGRAPHY FROM A CONDITIONS SURVEY CONDUCTED ON 09/12/2018 BY FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC (FOTH).
3. SOUNDINGS ARE IN FEET AND TENTHS, AND REFER TO DEPTHS BELOW NAVD88; (+) SOUNDINGS INDICATE ABOVE NAVD88. SOUNDINGS SHOWN ARE BASED ON A 10X10' MINIMUM DATA SET.
4. BATHYMETRY CONTOURS AND DREDGE VOLUMES ARE BASED ON A 3'X3' AVERAGE DATA SET.
5. LIMITS OF BARRIER BEACH, SALT MARSH, EELGRASS, SHELLFISH SUITABILITY, HISTORIC HIGH TIDE, FEMA FLOOD ZONE, AND NHESP, AS SHOWN, ARE BASED ON AVAILABLE INFORMATION PROVIDED BY THE MASSGIS DATABASE. LIMITS OF COASTAL BEACH AND COSTAL DUNE AS SHOWN ARE BASED ON FIELD SURVEY DATA.
6. ANNUAL HIGH TIDE LINE DELINEATED FROM NOAA BUOY 8448157 ANNUAL PREDICTED TIDES ON 5/6/2020.
7. THE INFORMATION DEPICTED ON THIS PLAN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS CONDITIONS AT THAT TIME.
8. THIS PROJECT IS LOCATED WITHIN THE ZONES AE (EL. 10 NAVD88) AND VE (EL. 13 NAVD88) AS DELINEATED ON FIRM COMMUNITY MAP NUMBERS 25007C0103J AND 25007C0104J, EFFECTIVE DATE 7/20/2016.
9. POSSESSION AND USE OF THE MATERIAL CONTAINED ON THESE DRAWINGS IS GRANTED ONLY IN CONNECTION WITH ITS USE AS IT RELATES TO THE TITLED PROJECT, ANY OTHER USE, REPRODUCTION OR DISCLOSURE OF THE INFORMATION CONTAINED HEREON IS EXPRESSLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF FOTH.

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VINEYARD LAND SURVEYING & ENGINEERING PLAN REFERENCE:

Plan of Land in Vineyard Haven, Mass, Surveyed for, Cape & Vineyard Electric Co. Scale 40 feet to an inch, July 15, 1925, William S. Swift, C.E Plan Book 9, Page 49.

1954 Layout of State Highway by the Department of Public Works in the town of Tisbury, Dukes County October 26, 1954 Scale 40 feet to the inch, five sheets.

Massachusetts Department of Transportation Highway Division, Plan Profile of Beach Road in the Town of Tisbury, Dukes County
(as currently proposed, no date on plan)

Plan of Land in Tisbury Mass. Surveyed for, Texaco, Inc. January 3, 1979, Scale 1" = 40', Dean R. Swift, Tisbury Case File 121

Land Court Plan # 17959 A Sheet 1

VINEYARD LAND SURVEYING & ENGINEERING NOTES:

Underground Utility locations are approximate as shown by owner Ralph Packer.

Elevations refer to NAVD 1988 as taken from the Massachusetts Department of Transportation Highway Division, Plan Profile of Beach Road in the Town of Tisbury, Dukes County

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CONSULTANT

Foth

# TISBURY MARINE TERMINAL

## TISBURY MARINE TERMINAL, LLC
## MARTHA'S VINEYARD, MA
## SHORELINE INFRASTRUCTURE

SEAL AND SIGNATURE

CARLOS G. PEÑA CIVIL No. 39006 REGISTERED PROFESSIONAL ENGINEER

REVISIONS

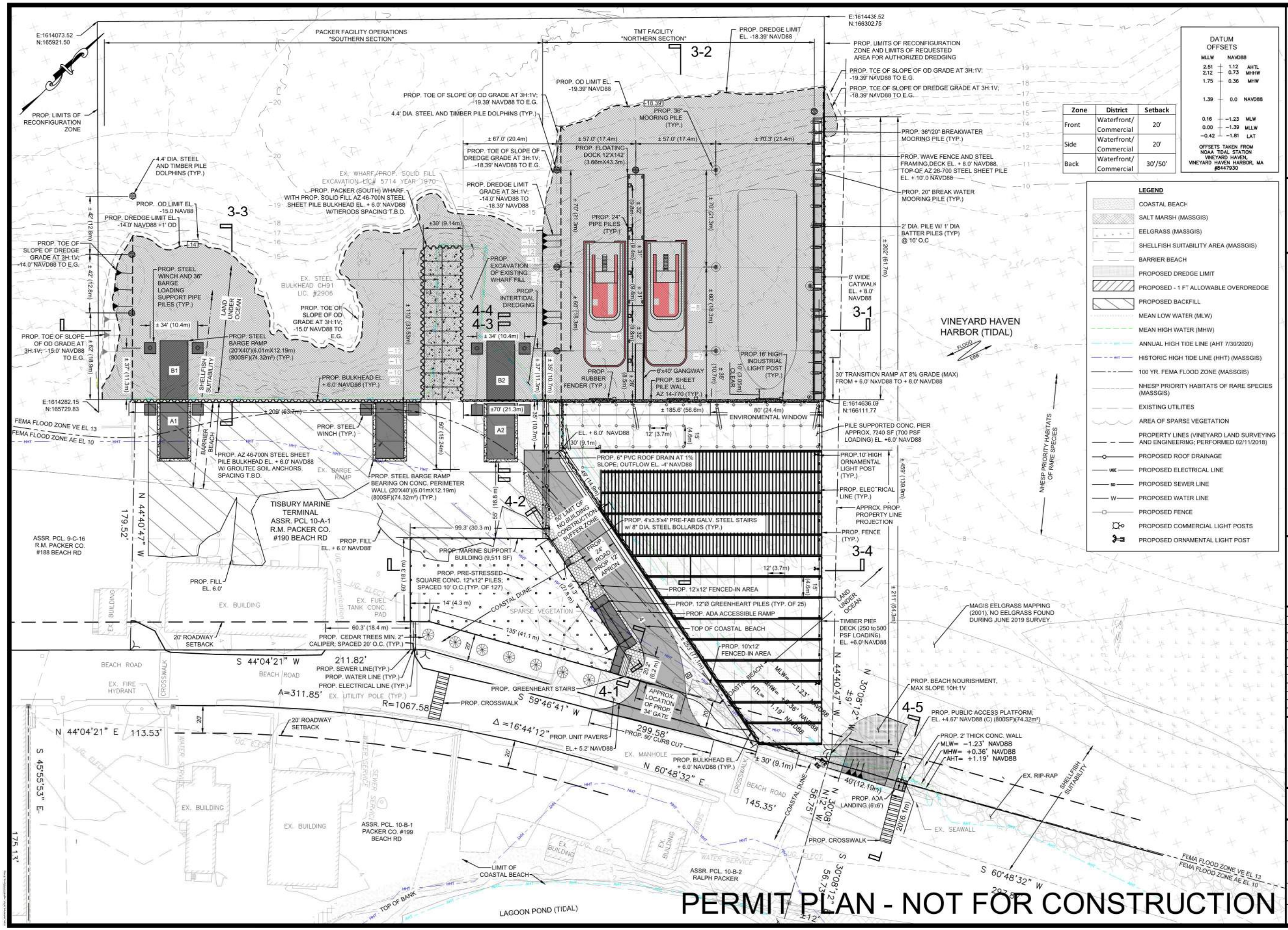
SHEET TITLE

## EXISTING CONDITIONS PLAN

ISSUANCE

**PERMIT PURPOSES ONLY**

| | |
|---|---|
| SCALE | AS NOTED |
| DRAWN BY | TJM/MGB |
| CHECKED BY | CP/SN |
| PROJECT NO | 0019T008.00 |
| DATE | 07/17/2020 |
| SHEET NUMBER | 1 |
| | SHEET 1 OF 7 |




PERMIT PLAN - NOT FOR CONSTRUCTION

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GRAPHIC SCALE
0 15 30 60
(IN FEET)
1 INCH = 30'FEET

CONSULTANT
Foth

TISBURY MARINE TERMINAL
TISBURY MARINE TERMINAL, LLC
MARTHA'S VINEYARD, MA
SHORELINE INFRASTRUCTURE

SEAL AND SIGNATURE
CARLOS G. SAN DIVE No. 36026 REGISTERED PROFESSIONAL ENGINEER

REVISIONS

SHEET TITLE
PROPOSED SITE PLAN

ISSUANCE
PERMIT PURPOSES ONLY

SCALE
AS NOTED

DRAWN BY
TJM/MGB

CHECKED BY
CP/SN

PROJECT NO
0019T008.00

DATE
07/17/2020

SHEET NUMBER
2

SHEET 2 OF 7