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 Orleans | Sandwich | Nantucket  
 coastalengineeringcompany.com

# TRANSMITTAL

**To:** Harwich Waterways Committee  
 c/o John Rendon, Harbormaster  
 715 Main Street  
 Harwich, MA

**Date:** 12/2/20 **Project No.** C19261.01  
**Via:**  1st Class Mail  Pick up  Delivery  Fed Ex  
**Phone:**  
**Fax:**

**Subject:** Notice of Intent: Request for Waterways  
 Comments  
 Proposed Pier Reconstruction  
 49 Snow Inn Road Nominee Trust  
 49 Snow Inn Road  
 Harwich Port, MA  
 Map 15 Parcel N2

**No. of pages to follow:**

Plans  Copy of Letter  Specifications  Other

**We are sending the following items:**

Copies	Date	No.	Description
6	Revised		Coastal Engineering Co., Inc., Plan Showing Reconstruction of Existing Licensed Pier, Ramp & Float

**These are transmitted as checked below:**

for approval  for your use  as requested  for review & comment

**Remarks:** Enclosed please find copies of the revised plans for the referenced project.

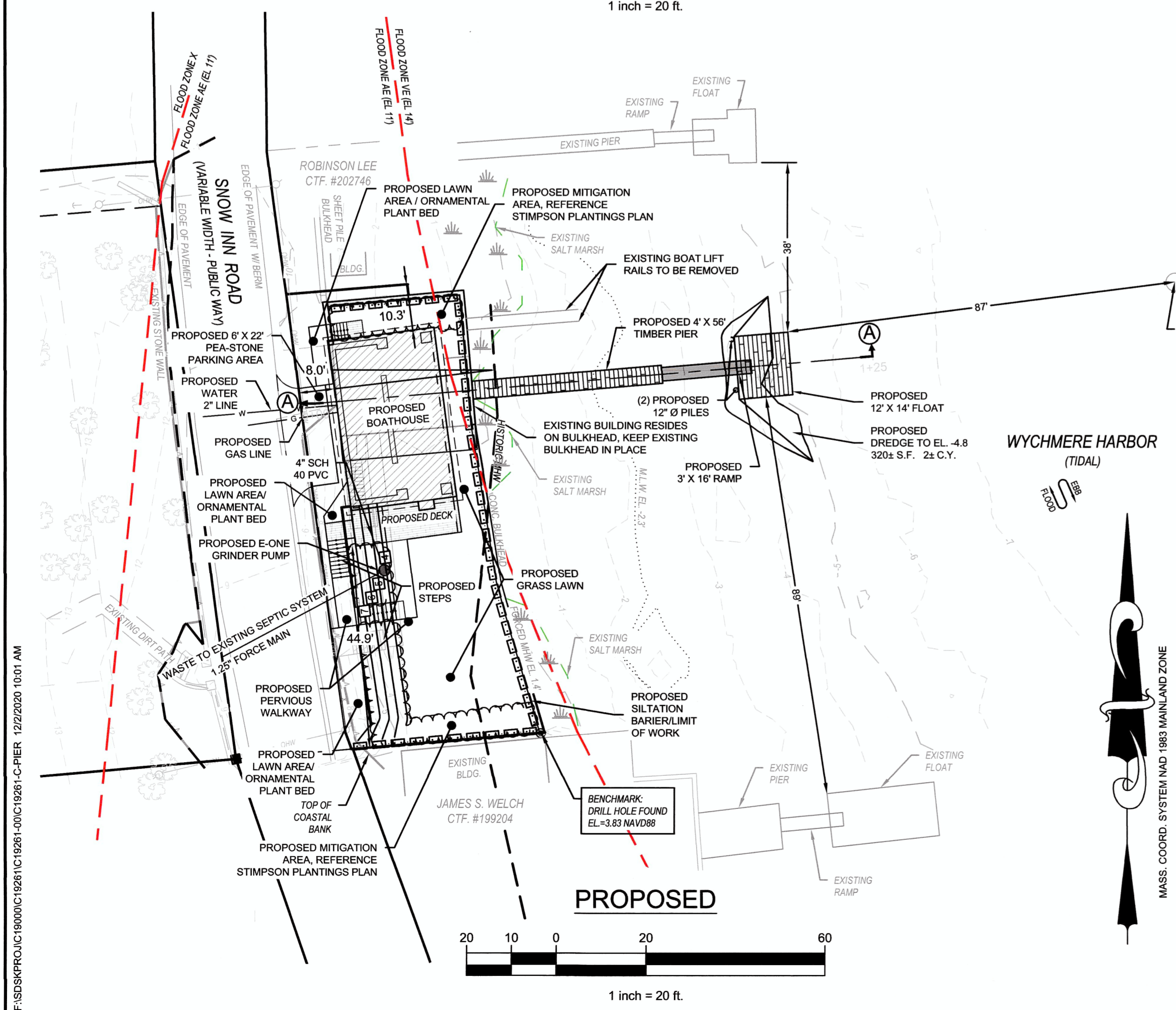
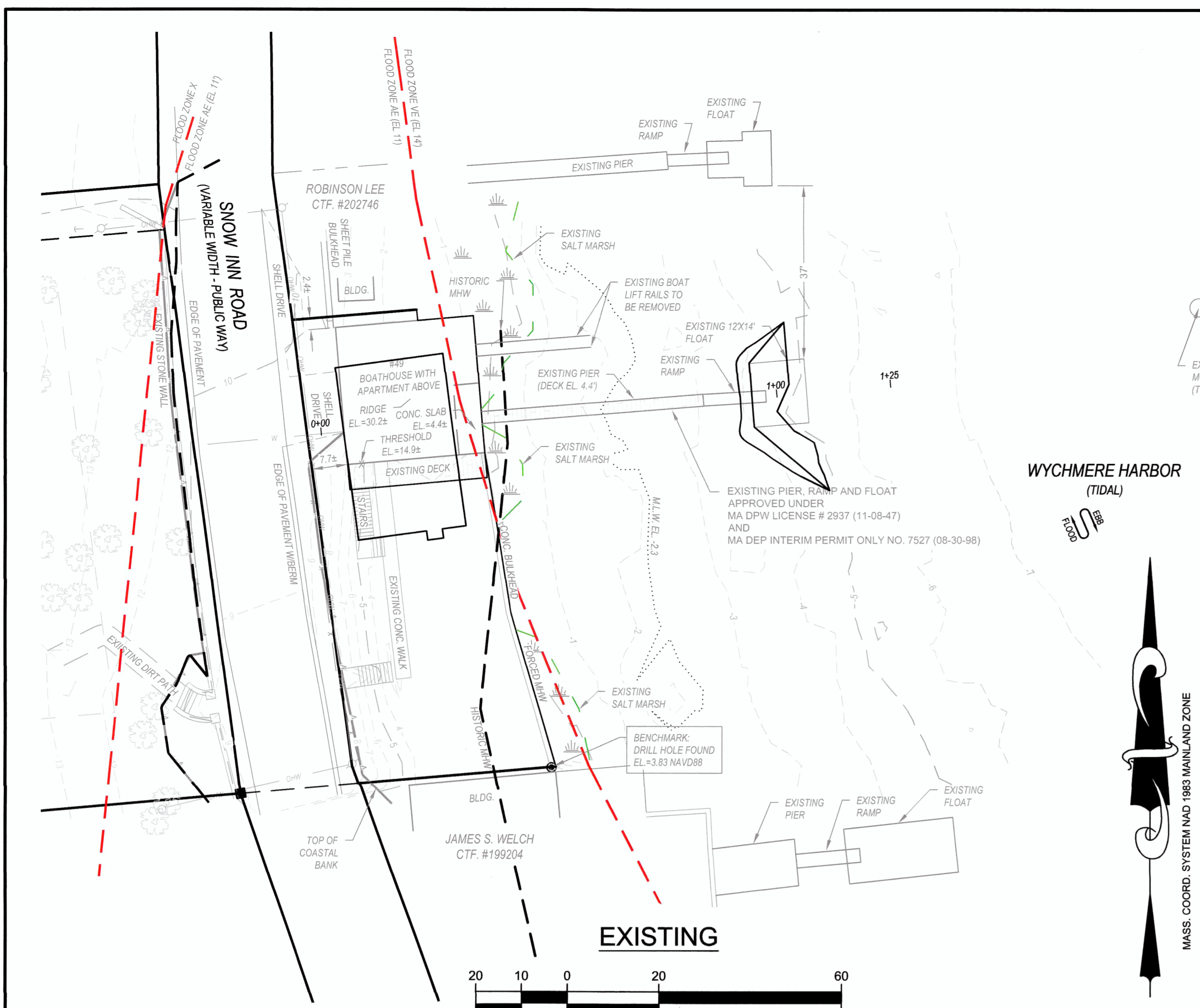
If you have any questions, please contact our office.

**cc:** Harwich Conservation Commission by email  
 49 Snow Inn Road Nominee Trust  
 Roger P. Michniewicz, Coastal Engineering Co., Inc.  
 Sean M. Riley, Coastal Engineering Co., Inc.

**By:** Sarah Cole

D:\DOC\C19200\19261.01\Permitting\Harwich Waterways\Revised Plan 12-1-20\Transmittal Template.doc

NOTE: If enclosures are not as noted, please contact us at (508) 255-6511

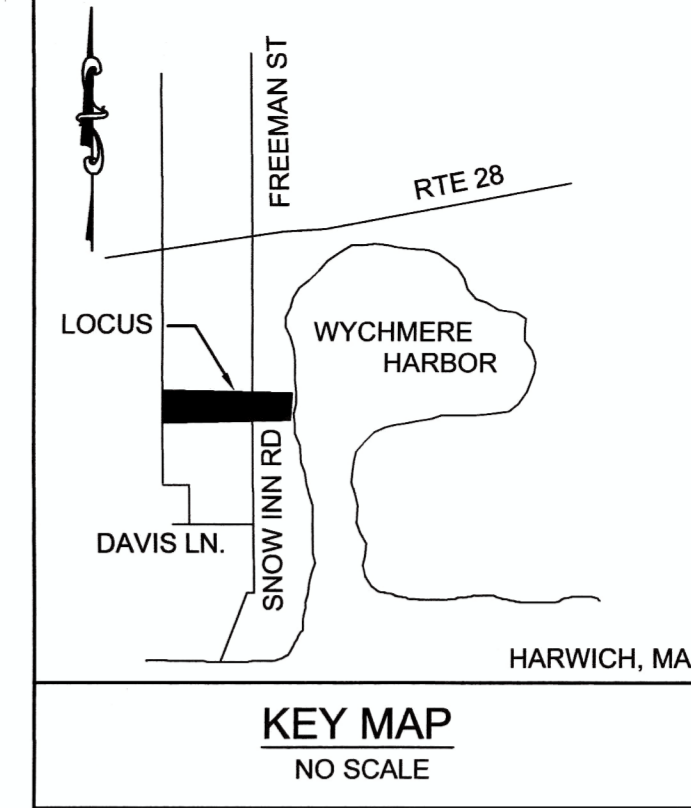


**SPECIAL REQUIREMENTS FOR COASTAL CONSTRUCTION:**

1. SPECIAL PROVISIONS FOR COASTAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS FOUND IN THE "COASTAL CONSTRUCTION MANUAL" AS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA-55).
2. ALL STEEL MEMBERS, CONNECTIONS, CONNECTORS, ETC. SHALL BE HOT DIPPED GALVANIZED. ALL METAL CONNECTORS MUST BE ROUTINELY INSPECTED AND MAINTAINED OVER THE SERVICEABLE LIFE OF THE STRUCTURE.
3. ALL EXTERIOR EXPOSED LUMBER USED FOR STRUCTURAL FRAMING, STAIRS, RAILING, ETC. SHALL BE CCA PRESSURE TREATED OR APPROVED EQUAL.

**NOTES:**

1. SUPPLY ALL MATERIAL, EQUIPMENT AND LABOR FOR CONSTRUCTION OF PIER, RAMP AND FLOAT AS DESCRIBED AND SHOWN ON PLAN AND DETAILS.
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND THE ORDER OF CONDITIONS ISSUED BY THE HARWICH CONSERVATION COMMISSION.
3. ACCESS TO BE FROM UPLAND OF OWNER'S PROPERTY OR FROM WORKING BARGE. WORKING BARGE NOT TO BE LOCATED OVER MARSH AT ANY TIME. STAGING AREA FOR MATERIALS TO BE ON OWNER'S PROPERTY OR ON THE WORKING BARGE.
4. THE WALKWAY SHALL BE CONSTRUCTED UTILIZING CENTER TO CENTER SPANS OF 14' BETWEEN SUPPORT PILES. SEE SECTION AND DETAILS FOR DESIGN DIMENSIONS. PILES TO BE DRIVEN. WALKWAY TO BE CONSTRUCTED AND ELEVATED 5' MINIMUM ABOVE MEAN HIGH WATER (MHW) AS SHOWN ON THE PLAN DETAILS. MINIMUM SPACE BETWEEN ALL DECK PLANKING TO BE 1/2".
5. METAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. TIMBER TO BE PRESSURE TREATED IN ACCORDANCE WITH WOOD PRESERVATIVE INSTITUTE OF AMERICA.
6. NO MACHINERY OR EQUIPMENT TO OPERATE DIRECTLY ON THE MARSH.
7. CONSTRUCTION DETAILS TO BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
8. THE PIER SHALL BE MAINTAINED OVER ITS USEFUL LIFE. ANY FUTURE MAINTENANCE REQUIRED ON THE WALKWAY SHALL NOT COMMENCE UNTIL THE HARWICH CONSERVATION AGENT HAS FIRST BEEN NOTIFIED AS TO THE SCOPE OF THE REPAIRS.
9. DISTURBED AREAS TO BE REVEGETATED TO MATCH PRE-CONSTRUCTION CONDITIONS.
10. OFF-SEASON STORAGE OF RAMP, AND FLOAT TO BE AN APPROVED UPLAND LOCATION. THE RAMP MAY BE STORED ON THE PIER DECK. THE FLOATS WILL BE TOWED TO THE TOWN LANDING AND TRUCKED TO A SUITABLE STORAGE SITE.
11. ALL PILES SHALL BE EITHER SOUTHERN YELLOW PINE PRESSURE TREATED IN ACCORDANCE WITH WOOD PRESERVATIVE INSTITUTE OF AMERICA, GREENHEART PILES, COMPOSITE PILES, OR EPOXY COATED STEEL PILES.
12. PIER PILES SHALL BE DRIVEN TO 10.0' MINIMUM EMBEDMENT AT THE END OF THE PIER, AND PIER MONO PILES SHALL BE DRIVEN TO 18' MINIMUM EMBEDMENT.
13. FLOAT PILES SHALL BE DRIVEN TO 10' MINIMUM EMBEDMENT.
14. THE PROPOSED WATER AND ELECTRIC SERVICES TO THE PIER SHALL BE INSTALLED IN COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
15. THIS PROJECT IS FOR WORK PROPOSED SEAWARD OF THE EXISTING CONCRETE SEAWALL AT THE SITE. ALL PROPOSED WORK LOCATED LANDWARD OF THE SEAWALL AT THE SITE HAS ALREADY BEEN APPROVED UNDER DEP FILE NO. SE 32-2436



**REFERENCE:**

ASSESSORS MAP 15, PARCEL N2  
ASSESSORS MAP 7, PARCEL J6

CTF. # 185800  
CTF. # 185798  
CTF. # 185799  
L.C. PLAN 13233-B  
L.C. PLAN 14619-B  
L.C. PLAN 15532-A

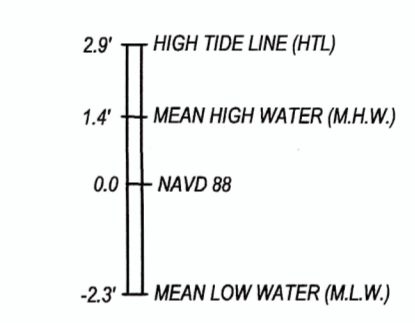
ZONING CLASSIFICATION:  
RESIDENTIAL LOW DENSITY (RL)

**FLOOD ZONE:**

FLOOD ZONE VE (EL 14 ), ZONE AE (EL 11), & ZONE X AS SHOWN ON FEMA FIRM PANEL #250100612J EFFECTIVE JULY 16, 2014. COMMUNITY FLOOD PLANE MANAGERS SHALL CONFIRM LOCATION OF SITE SPECIFIC FLOOD PLANE BOUNDARIES PRIOR TO DESIGNING STRUCTURES. A CONDITIONAL LETTER OF MAP AMENDMENT (CLOMA) DETERMINATION SHOULD BE APPLIED FOR TO CONFIRM FLOOD INSURANCE REQUIREMENTS.

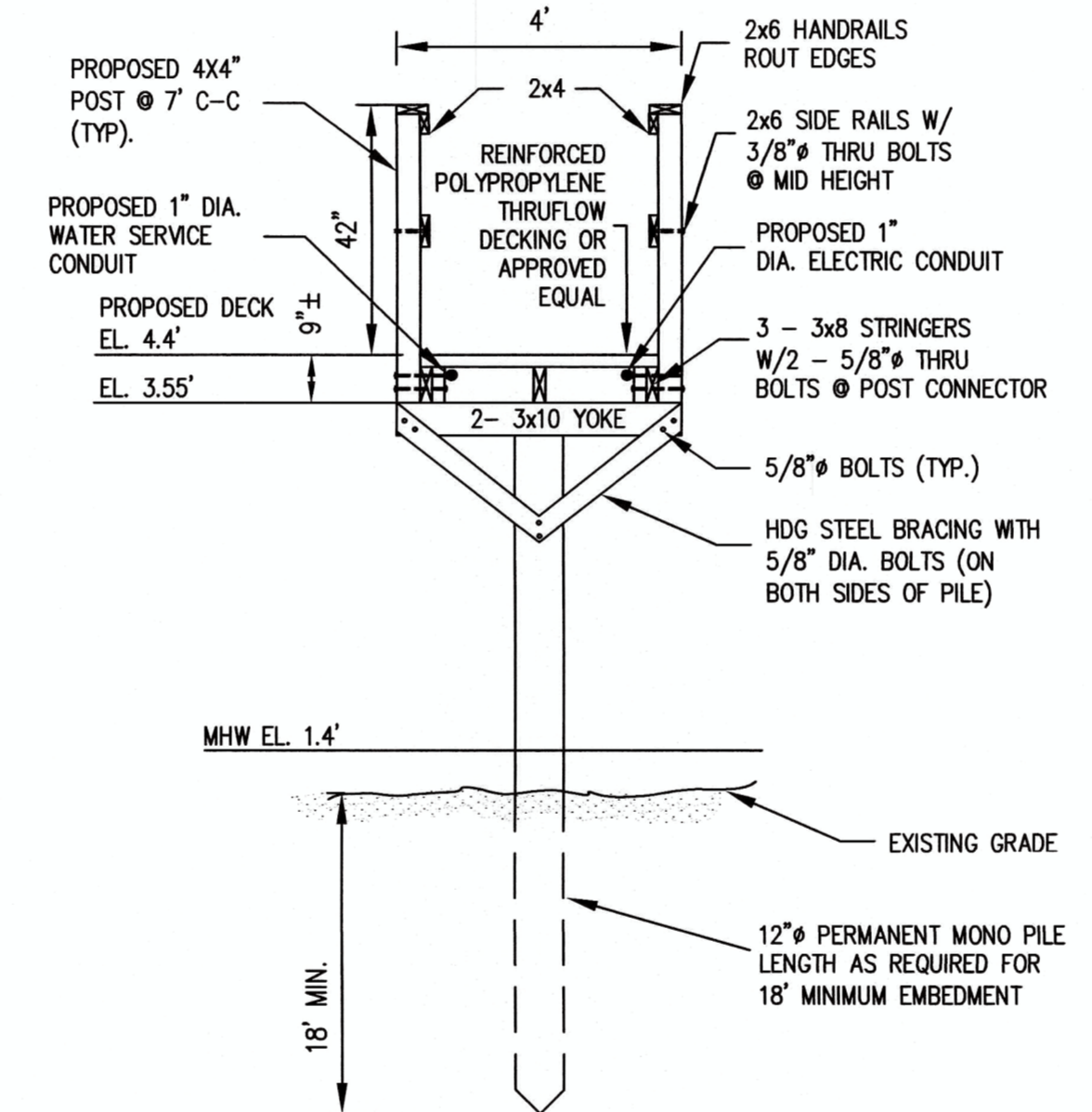
**DATUM:**

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988)

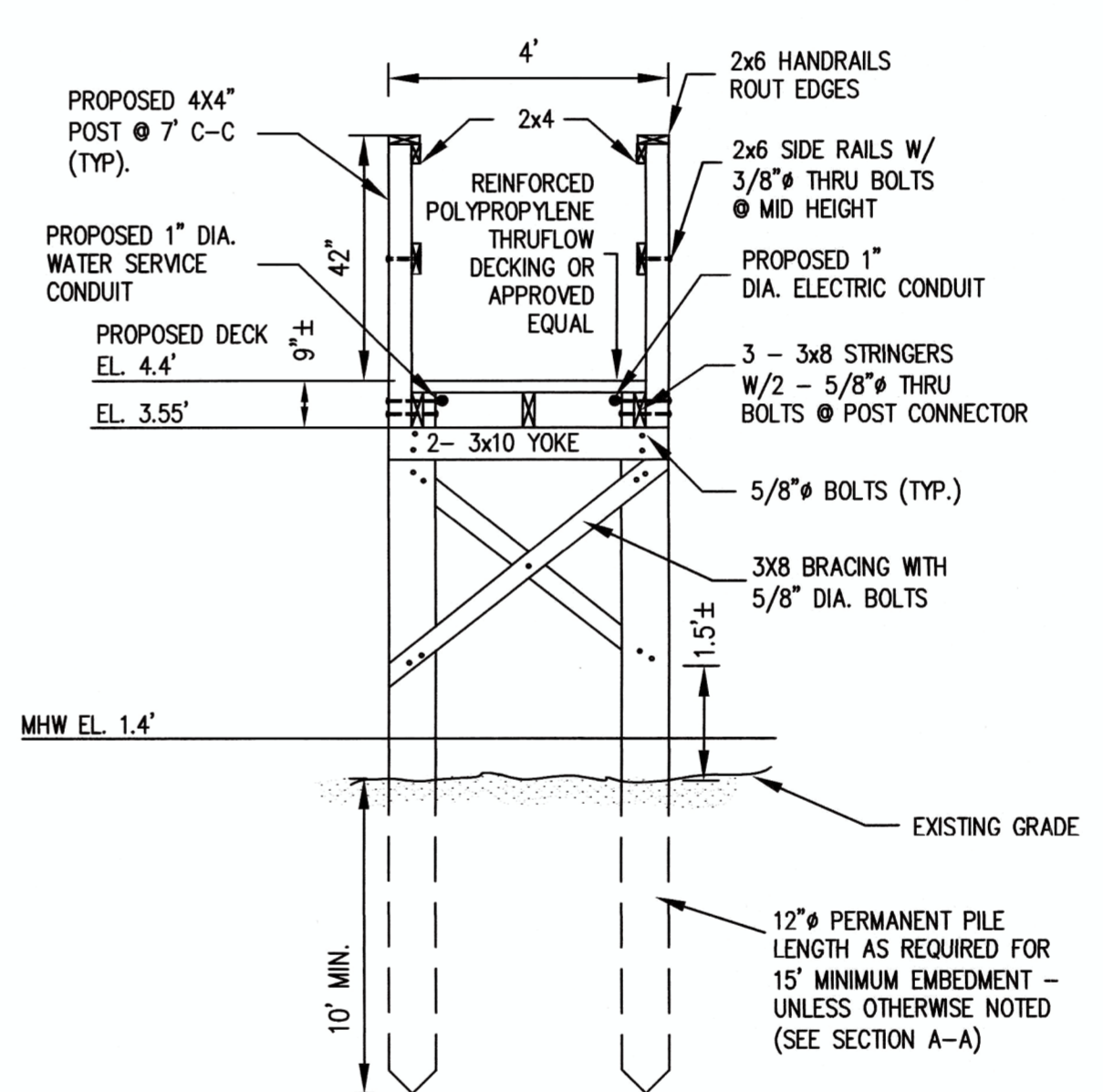


**DATUM PROFILE**

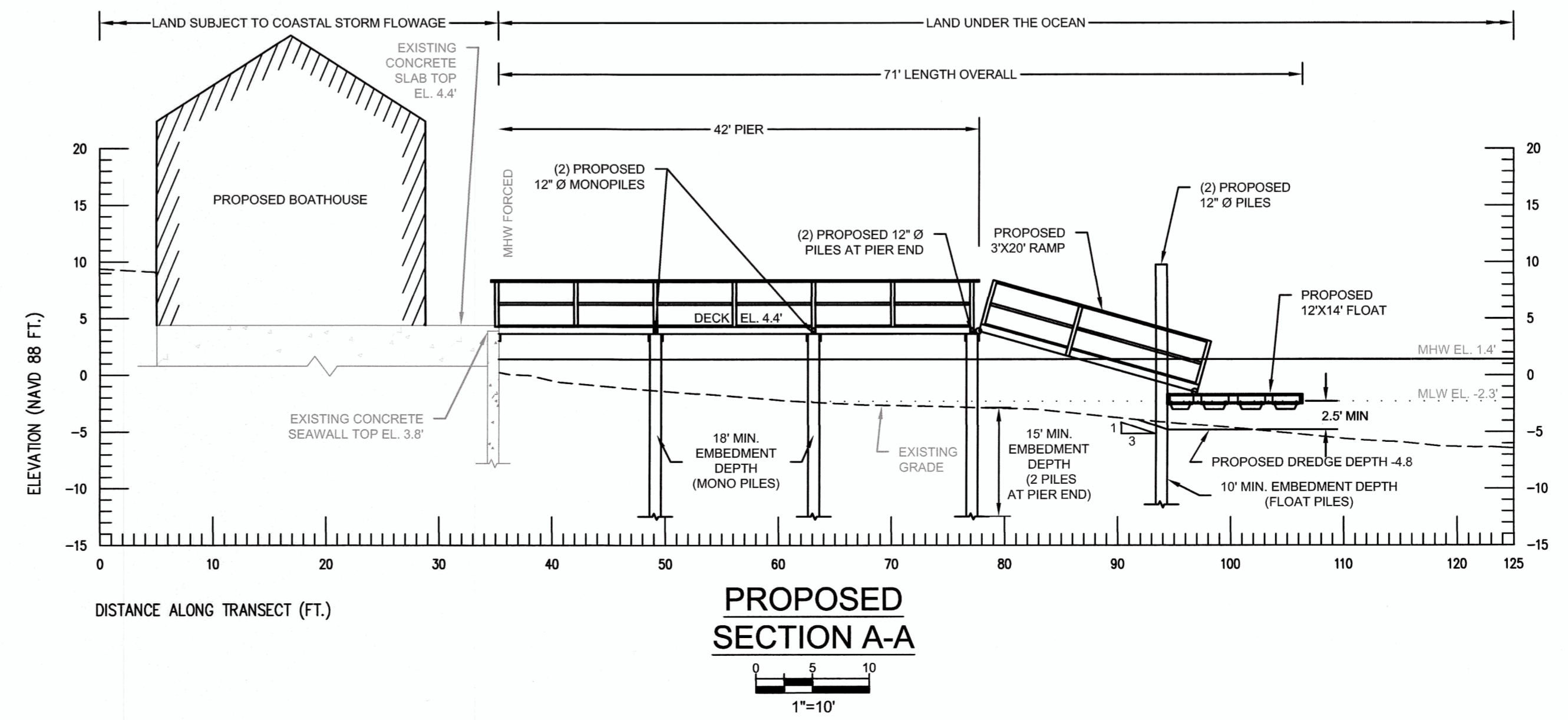
SCALE: 1" = 4'  
REF: NOAA VDATUM 12-17-2019  
REF: BUZZARDS BAY NATIONAL ESTUARY PROGRAM



**PROPOSED PIER DETAIL @ MONO PILE**  
NO SCALE



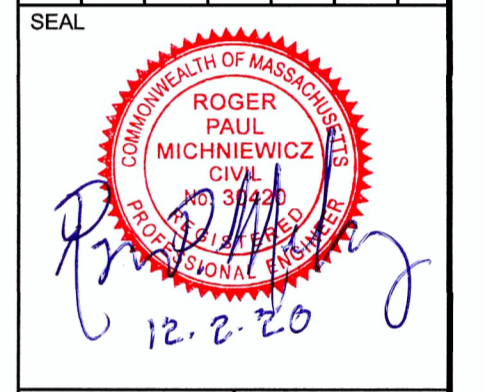
**PROPOSED PIER DETAIL @ END**  
NO SCALE



**PROPOSED SECTION A-A**  
1" = 10'



NO.	DATE	REVISION
1	12-01-20	REVISED PROPOSED FLOAT LOCATION



**BRIAN HIGGINS**  
HARWICH, MA

PROJECT: 49 SNOW INN ROAD  
SHEET TITLE: PLAN SHOWING RECONSTRUCTION OF EXISTING LICENSED PIER, RAMP AND FLOAT

SCALE: AS NOTED  
DRAWING FILE: C19261-C-PIER.dwg  
DATE: 11-02-2020  
DRAWN BY: DLC  
CHECKED BY: RPM

**C3.1.1**  
1 OF 1 SHEETS  
PROJECT NO. C19261.01

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