



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-2069

PUBLIC NOTICE

File Number: 2024-02-022 Date: March 27, 2024

This office has under consideration the application of:

**Town Of Bristol
c/o Steven Contente
10 Court Street
Bristol, RI 02809**

for a State of Rhode Island Assent to construct and maintain improvements to the existing boat ramp at the Sherman Avenue right-of-way including widening the concrete ramp, constructing concrete headwall, 45ft rip-rap structural shoreline protection, and rip rap swale for stormwater management.

| | |
|-------------------|-----------------|
| Project Location: | Sherman Avenue |
| City/Town: | Bristol |
| Waterway: | Kickemuit River |

Plans of the proposed work can be requested at Cstaff1@crmc.ri.gov.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before **April 27, 2024**.

Please email your comments/hearing requests to: cstaff1@crmc.ri.gov; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/lat

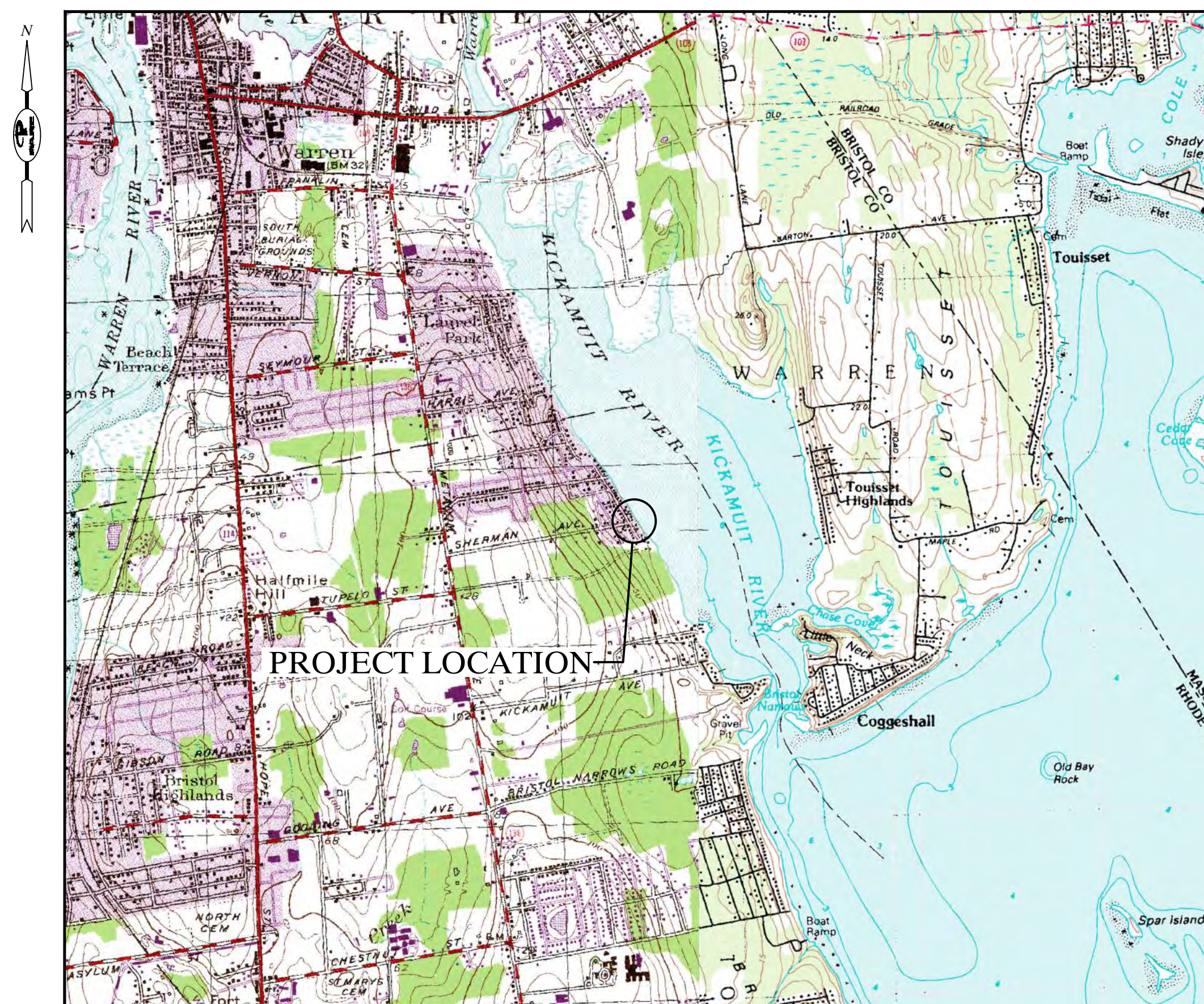
Prepared for The:
TOWN OF BRISTOL, RHODE ISLAND
SHERMAN AVENUE
BOAT RAMP IMPROVEMENTS

BRISTOL, RHODE ISLAND

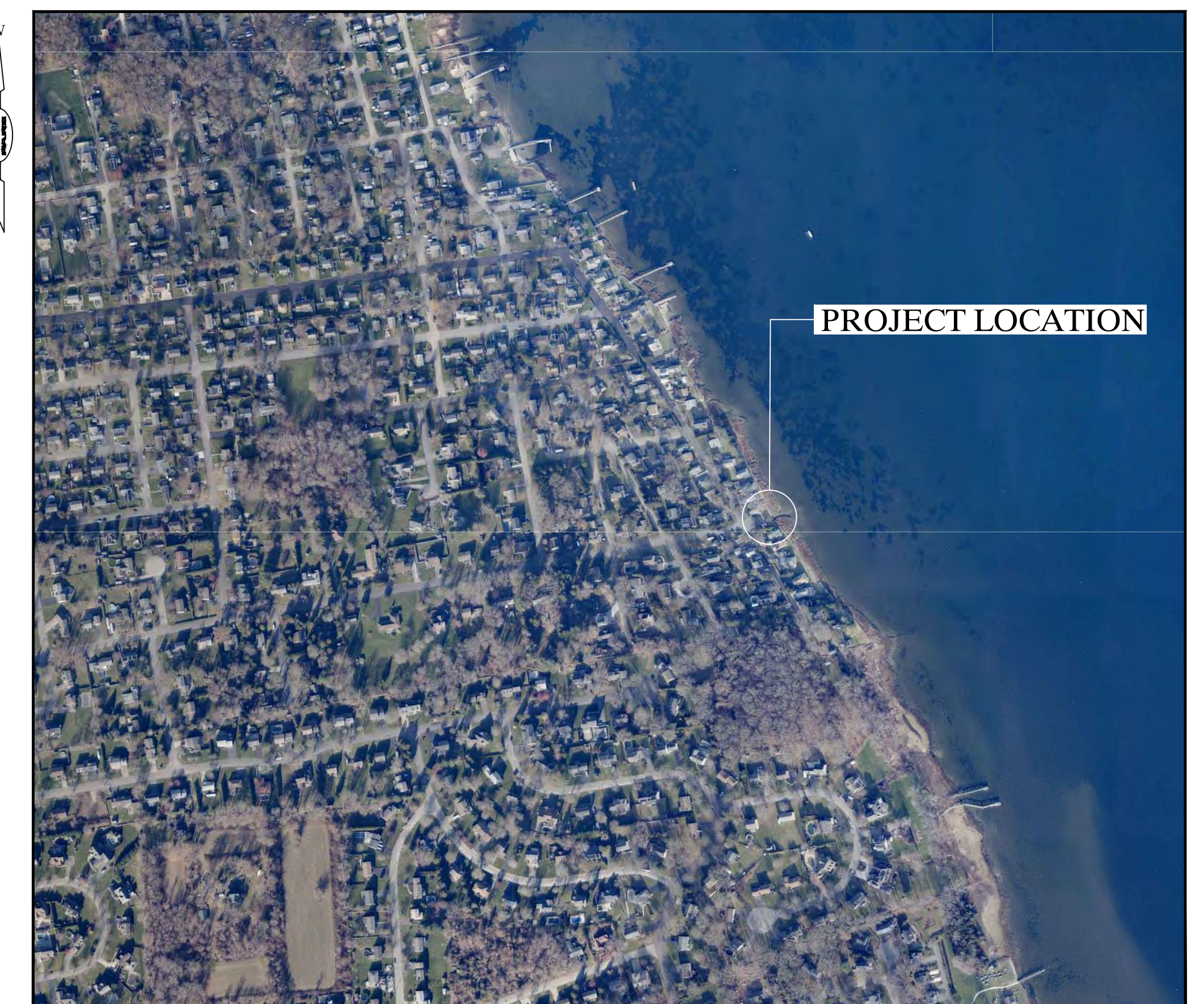
JANUARY 2024

Drawing Index

- 0.0 COVER SHEET
- EXISTING SITE CONDITIONS BY WSP
- 1.0 GENERAL NOTES
- 2.0 DEMOLITION & EROSION CONTROL PLAN
- 3.0 PROPOSED AND EXISTING SITE PLAN
- 4.0 STRUCTURAL DETAILS

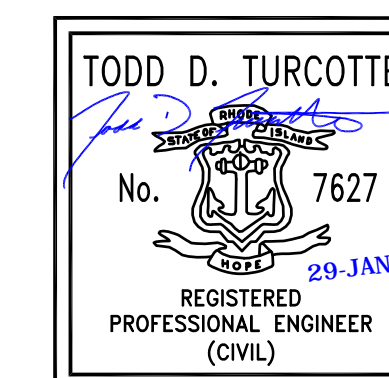


LOCUS PLAN
SCALE: 1" = 2000'



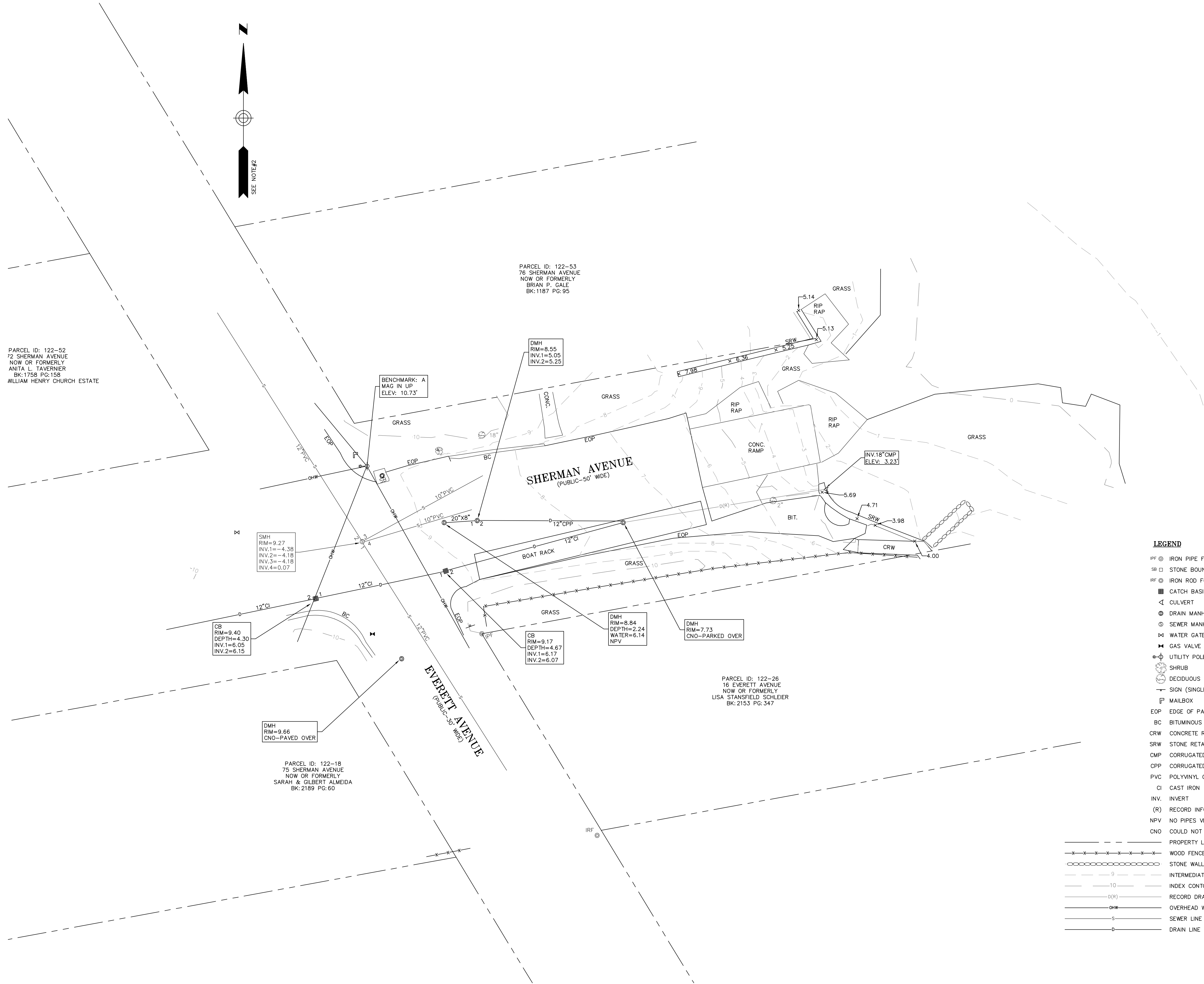
AERIAL PLAN
SCALE: 1" = 400'

Prepared by:
PARE CORPORATION
Foxboro, Massachusetts



8 BLACSTONE VALLEY PLACE 10 LINCOLN ROAD, SUITE 210 14 BORNALA ROAD, SUITE 20
LINCOLN, RI 02865 FOXBORO, MA 02035 FOXBORO, MA 02035
401-334-4100 508-543-1755 413-507-3448

RECEIVED
1/30/2024



PARCEL ID: 122-52
72 SHERMAN AVENUE
NOW OR FORMERLY
ANITA L. TAVERNIER
BK: 1758 PG: 158
WILLIAM HENRY CHURCH ESTATE

PARCEL ID: 122-53
76 SHERMAN AVENUE
NOW OR FORMERLY
BRIAN P. GALE
BK: 1187 PG: 95

SMH
RIM=9.27
INV.1=-4.38
INV.2=-4.18
INV.3=-4.18
INV.4=0.07

CB
RIM=9.40
DEPTH=4.30
INV.1=6.05
INV.2=6.15

BENCHMARK: A
MAG IN UP
ELEV: 10.73'

DMH
RIM=8.55
INV.1=5.05
INV.2=5.25

INV.18" CMP
ELEV: 3.23'

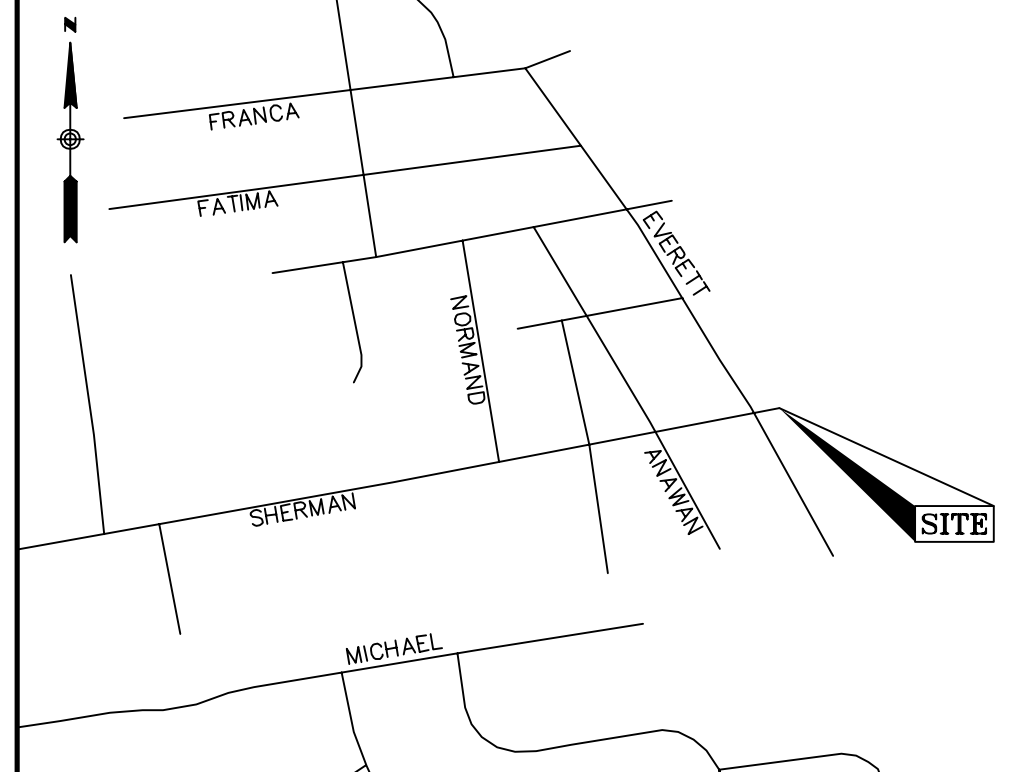
DMH
RIM=9.84
DEPTH=2.24
WATER=6.14
NPV

DMH
RIM=7.73
CNO-PARKED OVER

DMH
RIM=9.66
CNO-PAVED OVER

PARCEL ID: 122-18
75 SHERMAN AVENUE
NOW OR FORMERLY
SARAH & GILBERT ALMEIDA
BK: 2189 PG: 60

PARCEL ID: 122-26
16 EVERETT AVENUE
NOW OR FORMERLY
LISA STANSFIELD SCHLEIER
BK: 2153 PG: 347



LOCUS MAP (N.T.S.)

NOTES

- THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP IN FEBRUARY OF 2023.
- THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, RHODE ISLAND STATE PLANE COORDINATE SYSTEM AND WAS ESTABLISHED UTILIZING RTK GPS SURVEY TECHNIQUES.
- THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NAVD88 AND WAS ESTABLISHED ON SITE UTILIZING RTK GPS SURVEY TECHNIQUES.
- THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE INFORMATION SHOWN HEREON. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF THE TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT.
- THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON LABELED WITH AN (R) ARE FROM RECORD DOCUMENTS. ADDITIONAL FIELD INVESTIGATION WILL BE REQUIRED BY OTHERS TO DETERMINE THE ACTUAL PIPE SIZE(S) AND TYPE(S).

PLAN REFERENCES

TOWN OF BRISTOL LAND RECORDS OFFICE

- PLAN BOOK A PAGE 96

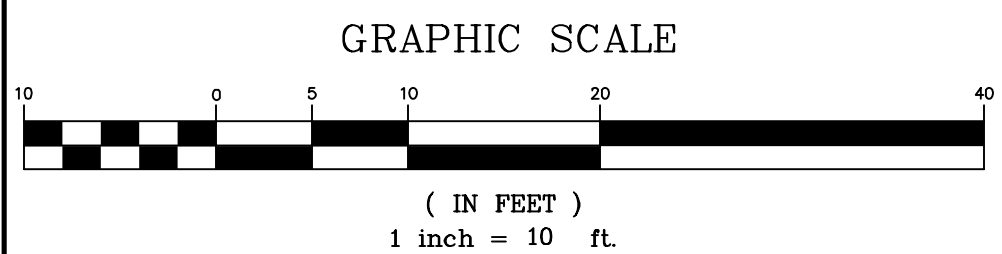
UTILITY STATEMENTS

THE LOCATION OF THE UTILITIES AS SHOWN HEREON HAVE BEEN COMPILED FROM VISIBLE STRUCTURES AND INFORMATION OBTAINED FROM VARIOUS SOURCES. THE ACTUAL LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER PRIOR TO ANY CONSTRUCTION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICES OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.

CERTIFICATION

DAVID P. PRINCE
No. 1997
PROFESSIONAL LAND SURVEYOR

WSP USA, Inc. COA NO. LS-A486 DATE: APRIL 4, 2023
DAVID P. PRINCE RPLS NO. 1997



REVISION

| DATE | DESCRIPTION |
|------|-------------|
| --- | --- |

EXISTING CONDITIONS SURVEY
SHERMAN AVENUE
BRISTOL, RHODE ISLAND
PREPARED FOR
PARE CORPORATION

WSP USA Inc.
10 Al Paul Lane, Suite 103
Merrimack, NH 03054
603.324.0894

| | | | | | |
|-------------|-------|-------|---------------|-----------|--------------|
| Drawn By | MS | Date | APRIL 3, 2023 | Job No. | 30902470.001 |
| Surveyed By | JD | | | | |
| Checked By | DPP | Scale | 1" = 10' | Sheet No. | 1 OF 1 |
| Book No. | AB-65 | | | | |

1/30/2024

GENERAL NOTES:

- FOR THE PURPOSE OF THIS PROJECT
OWNER - TOWN OF BRISTOL
10 COURT STREET
BRISTOL, RI 02809
ENGINEER - PARE CORPORATION
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035
CONTACT - BRIAN DUTRA
- ALL CONSTRUCTION INDICATED ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE RHODE ISLAND STATE BUILDING CODE, ALL FEDERAL AND MUNICIPAL BUILDING CODES, AND THE SPECIFICATIONS INCLUDED IN THIS CONTRACT. THESE PLANS ARE INCOMPLETE UNLESS ACCOMPANIED BY THE SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE BASE PLAN WAS DEVELOPED BASED UPON THE SURVEY PERFORMED BY WSP ON APRIL 3, 2023. ANY DISCREPANCIES ON THESE PLANS WITH REGARD TO DIMENSIONS OR CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF WORK.
- THE VERTICAL DATUM IS NAVD83; HORIZONTAL DATUM IS RHODE ISLAND STATE PLANE NAD83. CONTRACTOR SHALL ESTABLISH HORIZONTAL AND VERTICAL CONTROL AS REQUIRED TO ENABLE COMPLETION OF THE WORK.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF WORK.
- INSTALL PROPER CONSTRUCTION AND TRAFFIC SIGNAGE AT OR NEAR THE PROJECT ENTRANCES(S). COORDINATE WITH LOCAL POLICE WHEN CONSTRUCTION VEHICLE ACTIVITIES OR DELIVERIES COULD POTENTIALLY IMPEDE NORMAL DAILY TRAFFIC AND PEDESTRIAN TRAFFIC.
- ENSURE THAT ADEQUATE SHORING AND FALSEWORK ARE PROVIDED TO THE EXISTING STRUCTURE(S) RESULTING IN A STABLE AND SAFE STRUCTURE AT ALL TIMES. CONTRACTOR IS ADVISED THAT THE EXISTING SEAWALL IS DETERIORATED, THEREFORE THE STRUCTURAL CAPACITY OF THE RETAINING SYSTEM IS REDUCED.
- CONDITIONS AS INDICATED ON THE CONTRACT DRAWINGS ARE GENERAL IN NATURE. THE AGE AND SUBSEQUENT REPAIR AND RECONSTRUCTION OF VARYING ELEMENTS COMPRISING THE SEAWALL HAVE RESULTED IN VARIOUS CONDITIONS. THE CONTRACTOR SHALL VISIT AND INSPECT THE SITE TO DETERMINE THE EXTENT AND AMOUNT OF DEMOLITION AND REPAIR WORK TO BE PERFORMED BEFORE SUBMITTING THEIR BID.
- PLANS AND SECTIONS ARE APPROXIMATE AND ARE TO BE USED FOR GENERAL LAYOUT. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING FIELD MEASUREMENTS TO ASSURE CONSISTENCY WITH THE PROPOSED CONSTRUCTION PLANS. THE CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS, DIMENSIONS, CLEARANCES, ELEVATIONS, AND OTHER INFORMATION INDICATED IN THE DOCUMENTS PRIOR TO ORDERING ANY MATERIALS, COMMENCING ANY FABRICATIONS, OR PERFORMING ANY WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY FIELD CONDITIONS WHICH MAY DIFFER FROM THAT REPRESENTED PRIOR TO COMMENCING WORK.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VISIT THE SITE AND SHALL NOTIFY THE ENGINEER OF ANY ADDITIONAL UTILITIES, STRUCTURES, OR ANY OTHER ELEMENTS THAT MAY IMPEDE WORK. UTILITY AND/OR STRUCTURE RELOCATIONS, IF NECESSARY, SHALL BE COORDINATED THROUGH THE OWNER'S ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS.
- NOTES, TYPICAL DETAILS AND SCHEDULES APPLY TO ALL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF SIMILAR NATURE. VERIFY APPLICABILITY BY SUBMITTING SHOP DRAWINGS FOR REVIEW.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLITION AND EXCESS MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.
- THE CONTRACTOR SHALL PROTECT ALL ADJACENT STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ALL DAMAGE TO ADJACENT STRUCTURES AND UTILITIES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE TO THE OWNER WITHIN 5 DAYS OF THE NOTICE OF AWARD. THE CONTRACTOR SHALL UPDATE SCHEDULE AS NEEDED THROUGHOUT THE COURSE OF WORK.
- CONTRACTOR'S STORAGE AREA: DUE TO THE SITE'S WATERFRONT LOCATION, ALL NECESSARY MEASURES SHALL BE TAKEN TO PREVENT BY ANY METHOD, OIL, CONSTRUCTION DEBRIS, STOCKPILED MATERIALS, AND OTHER MATERIALS ON THE SITE, FROM ENTERING THE WATERWAY. ANY DEBRIS FALLING INTO THE WATER SHALL BE RECOVERED AND PROPERLY DISPOSED OF. STAGING/LAYDOWN AREAS, AS APPROVED BY THE ENGINEER, SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CONDITION. THE CONTRACTOR SHALL REPLACE ALL DAMAGED MATERIALS AS A RESULT OF HIS OPERATIONS, TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN A SECURE SITE AND PROVIDE APPROPRIATE SAFETY MEASURES TO PREVENT ACCIDENTS. THE SAFETY MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO SIGNAGE, BARRICADES, FENCES, FLASHING WARNING LIGHTS, AND POLICING IF NECESSARY.
- IN CASE OF CONTRADICTION BETWEEN THE DRAWINGS, THE SPECIFICATIONS, AND THE CODES, OR IF ANY CHANGE IS REQUIRED, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY. NO CHANGE SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- UPON COMPLETION OF THE PROJECT, CONTRACTOR IS TO PROVIDE TWO AS-BUILT PLAN SETS TO THE OWNER DEPICTING ANY FIELD CHANGES OF DIMENSION OR DETAIL, LOCATION OF UNDERGROUND STRUCTURES AND/OR UTILITIES, CONSTRUCTION DEVIATIONS, CHANGES DUE TO FIELD OR CHANGE ORDER, AND DETAILS NOT ON THE ORIGINAL DRAWINGS.
- SHOP AND ERECTION DRAWINGS FOR ALL WORK SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL AS PER THE SPECIFICATIONS. FABRICATION OF THESE ITEMS SHALL NOT COMMENCE WITHOUT APPROVED SHOP DRAWINGS. SHOP DRAWINGS ARE PREPARED AND USED BY THE CONTRACTOR AS INSTRUMENTS TO SEQUENCE HIS WORK AND TO FACILITATE FABRICATION AND ERECTION. REVIEW OF SHOP DRAWINGS SHALL BE FOR GENERAL DETAIL AND ARRANGEMENT ONLY. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR DIMENSIONS, PROPER FIT, AND DETAILED DESIGN OF CONNECTIONS. THEIR APPROVAL BY THE ENGINEER IS NOT TO BE CONSTRUED AS A WAIVER OF CONSTRUCTION CONTRACT REQUIREMENTS OR RESPONSIBILITIES, UNLESS THE CONTRACTOR HAS BEEN GRANTED A DEVIATION IN WRITING.

DEMOLITION NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO ANY DEMOLITION OR CONSTRUCTION. ANY DISCREPANCIES RELATING TO THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR TO BE AWARE OF SELECTIVE DEMOLITION AT ALL SECTIONS OF WORK. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT IN-KIND OF ALL WORK INADVERTENTLY REMOVED AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL REMOVE ITEMS TO BE DEMOLISHED AS INDICATED ON THE DRAWINGS WITH CARE AND NOT TO DAMAGE ADJACENT STRUCTURES. THE WORK AREA WILL BE LEFT READY TO RECEIVE NEW WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFFSITE DISPOSAL OF ALL PROJECT DEMOLITION MATERIAL, TRASH, AND DEBRIS IN ACCORDANCE WITH LOCAL AND STATE LAWS.
- REFER TO SPECIFICATION SECTION 02100-"DEMOLITION AND REMOVAL" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

CONCRETE NOTES:

- CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACI 318 - "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE RHODE ISLAND STATE BUILDING CODE.
- CONCRETE SHALL BE PROPORTIONED, MIXED, AND PLACED UNDER THE SUPERVISION OF THE APPROVED TESTING AGENCY.
- CONCRETE SHALL BE NORMAL WEIGHT, WITH TYPE II CEMENT, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 PSI. ALL CONCRETE DESIGN MIXES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
- ALL CONCRETE SHALL BE AIR-ENTRAINED WITH AN AIR CONTENT OF 6% +/- 1%.
- ALL EXPOSED EDGES SHALL BE CHAMFERED 1" UNLESS NOTED OTHERWISE.
- WHEN CONCRETE IS PLACED AGAINST PREVIOUSLY HARDENED CONCRETE, THE INTERFACE SHALL BE CLEAN, FREE OF LAITANCE AND INTENTIONALLY ROUGHENED TO FULL AMPLITUDE OF APPROXIMATELY 1/4 INCH.
- CONCRETE WASHOUT OPERATIONS TO OR WITHIN THE WATERWAY MUST NOT TAKE PLACE AT ANY TIME.

CONCRETE REINFORCING NOTES:

- REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 - "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND THE RHODE ISLAND STATE BUILDING CODE.
- COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL REINFORCING STEEL SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK. ALL ACCESSORIES MUST BE SHOWN ON THE SHOP DRAWINGS.
- REINFORCING BARS SHALL BE EPOXY COATED AND CONFORM TO ASTM A615 OR A706 (WELDABLE) GRADE 60.
- ALL SUPPORTS SUCH AS CHAIRS, BOLSTERS, SPACERS, BLOCKS AND HANGERS SHALL BE OF NON-CORROSIVE MATERIAL. BLOCKS SHALL BE MADE OF 4,000 PSI (UN-REINFORCED) CONCRETE.
- UNLESS NOTED ON THE DRAWINGS, THE MINIMUM CONCRETE PROTECTION (CLEAR COVER) FOR CAST-IN-PLACE CONCRETE COVER SHALL BE AS FOLLOWS:
 - FORMED CONCRETE EXPOSED TO EARTH OR WATER: 3"
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
- MINIMUM REINFORCEMENT DEVELOPMENT LENGTH SHALL BE IN ACCORDANCE WITH ACI 318 UNLESS NOTED ON THE DRAWINGS. LAP SPLICE LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318 FOR CLASS B LAPS UNLESS NOTED OTHERWISE.
- ALL REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS. UNLESS NOTED OTHERWISE, BARS SHALL BE CONTINUOUS AND SHALL RUN CONTINUOUSLY AROUND CORNERS AND LAPPED AT NECESSARY SPLICES OR HOOKED AT DISCONTINUOUS ENDS.

SPILL PREVENTION CONTROL NOTES:

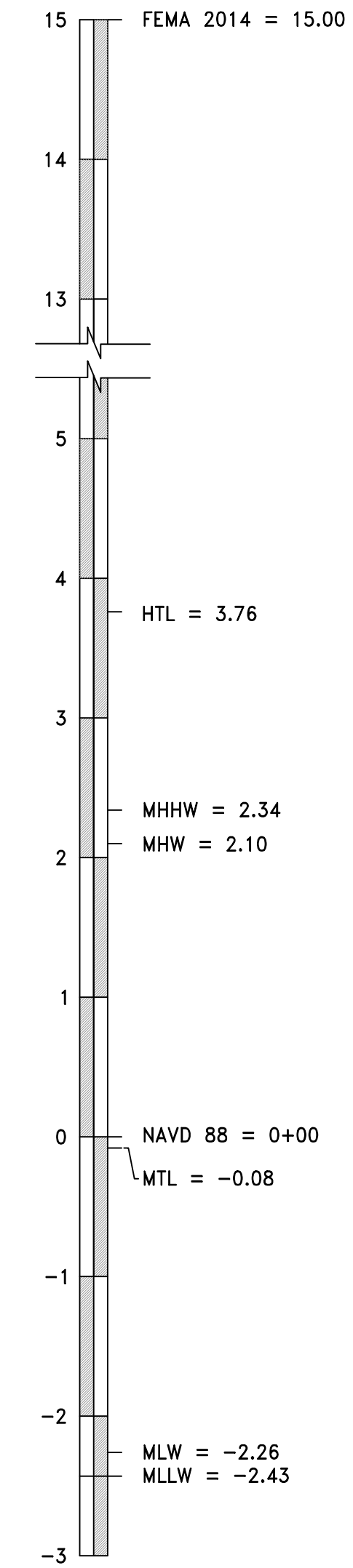
- SPILLS AND LEAKS SHALL BE AVOIDED THROUGH FREQUENT INSPECTION OF EQUIPMENT AND MATERIAL STORAGE AREAS, AND SHALL BE REMEDIATED AND REPAIRED AS NECESSARY.
- HAZARDOUS MATERIAL STORAGE TO BE PLACED ONLY IN DESIGNATED AREAS. MATERIAL STORAGE AREAS SHALL BE ROUTINELY INSPECTED FOR LEAKY CONTAINERS, OPEN CONTAINERS, OR IMPROPER STORAGE TECHNIQUES THAT MAY LEAD TO SPILLS OR LEAKS.
- APPROPRIATE SPILL REMEDIATION PROCEDURES AND SUPPLIES SHALL BE READILY AVAILABLE ON-SITE. TOOLS AND SUPPLIES SHALL BE CLEARLY MARKED SO THAT ALL PERSONNEL CAN LOCATE AND ACCESS THESE SUPPLIES.
- SPILL REMEDIATION SHALL BE PERFORMED IMMEDIATELY. CONTRACTOR SHALL FOLLOW PROPER RESPONSE PROCEDURES IN ACCORDANCE WITH ANY APPLICABLE REGULATORY REQUIREMENTS.
- AT NO TIME SHALL SPILLS BE DIVERTED TOWARD STORM DRAINS OR TO THE WATERWAY.
- EQUIPMENT/VEHICLE FUELING AND REPAIR/MAINTENANCE OPERATIONS SHALL TAKE PLACE ONLY WITHIN DESIGNATED STAGING AREAS.
- THE EQUIPMENT OPERATOR SHALL FULLY MONITOR FUELING OPERATIONS TO EQUIPMENT AND VEHICLES AT ALL TIMES.
- ANY SPILLAGE SHALL BE IMMEDIATELY CLEANED WITH SPILL KITS KEPT ON SITE.
- IN THE CASE OF SMALL AMOUNTS OF SOIL CONTAMINATION, SUCH SOIL SHALL BE PLACED IN 55 GALLON DRUMS FOR DISPOSAL BY A LICENSED HAZARDOUS WASTE HAULER AT NO ADDITIONAL COST TO THE OWNER.
- IN THE CASE OF A LARGE AMOUNT OF SOIL CONTAMINATION OR DISCHARGE TO THE WATERWAY, RHODE ISLAND DEM AND APPLICABLE AGENCIES SHALL BE NOTIFIED AS REQUIRED. A HAZARDOUS WASTE REMEDIATION FIRM SHALL BE CONTRACTED TO REMOVE AND DISPOSE OF THE CONTAMINATED MATERIAL OR CONTAIN THE SPILL AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL NOTES:

- EROSION AND SEDIMENT CONTROLS TO BE INSTALLED AS REQUIRED FOR AND AS DETERMINED BY THE ENGINEER, OWNER, OR REGULATORY AGENCY.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL PREVENT SEDIMENT FROM ENTERING THE WATERWAY VIA DISCHARGES THROUGH ANY DRAINAGE STRUCTURES OR RUNOFF FROM WITHIN THE LIMITS OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, RESTORING AND REPAIRING ALL DAMAGE AS A RESULT OF UNAUTHORIZED WORK OR DISCHARGES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN TURBIDITY BARRIERS AS INDICATED IN THE CONTRACT DOCUMENTS. TURBIDITY BARRIERS SHALL BE ANCHORED SECURELY AS TO ENSURE COLLECTION OF SEDIMENT AND ENABLE THE WORK TO BE PERFORMED.
- SOIL STOCKPILES SHALL BE A MINIMUM OF 2- FEET FROM THE EDGE OF THE WALL TO LIMIT RUNOFF INTO THE HARBOR.
- THE LIMITS OF EROSION CONTROL BARRIERS SHALL BE ADJUSTED OR EXPANDED AS FIELD CONDITIONS WARRANT.
- ALL EROSION CONTROL BARRIERS SHALL BE INSPECTED AT LEAST ONCE PER WEEK. ANY DAMAGED AREAS OF THE EROSION CONTROL BARRIER SHALL BE REPAIRED WITHIN 24 HOURS OF DISCOVERY.
- DISCHARGE OF TURBID WATER TO THE WATERWAY IS PROHIBITED.
- THE TURBIDITY BARRIER SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF WORK AND SHALL REMAIN IN PLACE UNTIL ALL PILES AND FORMWORK ARE REMOVED.

LEGEND

- IRF @ IRON ROD FOUND
- SB @ STONE BOUND
- DHF @ DRILL HOLE FOUND
- C.B. CONCRETE BOUND
- M.H.W MEAN HIGH WATER
- WM WATER METER
- W/S WATERSTOP
- G.V GAS VALVE
- L.P LAMP POST
- SCO SEWER CLEAN OUT
- TW TOP OF SEAWALL
- BWG BASE OF WALL SEA BED
- BWG-2+43 ELEVATION NEGATIVE -2+43
- (6+20) PROPOSED SPOT ELEVATION
- CATCH BASIN
- ◀ CULVERT
- DRAIN MANHOLE
- ⊙ SEWER MANHOLE
- ⊙ DECIDUOUS TREE
- ⊙ ROCK
- ⊙ BENCHMARK
- LSA LANDSCAPED AREA
- EOP EDGE OF PAVEMENT
- BC BITUMINOUS CURB
- PVC POLYVINYL CHLORIDE
- RCP REINFORCED CONCRETE PIPE
- INV. INVERT
- CNO COULD NOT OPEN
- PROPERTY LINE
- WOOD FENCE
- WOOD POST FENCE
- INTERMEDIATE CONTOURS
- INDEX CONTOURS
- OVERHEAD WIRES
- WETLAND LINE
- SEWER LINE
- DRAIN LINE
- WATER LINE
- GAS LINE
- TURBIDITY CURTAIN
- RIP RAP



DATUM ELEVATION INFORMATION
NOAA TIDE STATION 8447386 FALL RIVER, MA



SCALE ADJUSTMENT GUIDE
BAR IS ONE INCH ON ORIGINAL DRAWING
0" 1"

Sherman Avenue Boat Ramp Improvements
Bristol, Rhode Island

TODD D. TURCOTTE
No. 7627
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
29 JAN 24

REVISIONS:

| | |
|------|------------|
| IFCR | 01/05/2024 |
| IFP | 01/29/2024 |

PROJECT NO.: 21187.01
DATE: JANUARY 2024
SCALE: AS NOTED
DESIGNED BY: ECL/TJD
CHECKED BY: BMD
DRAWN BY: LMC/TJD
APPROVED BY: TDT
DRAWING TITLE:

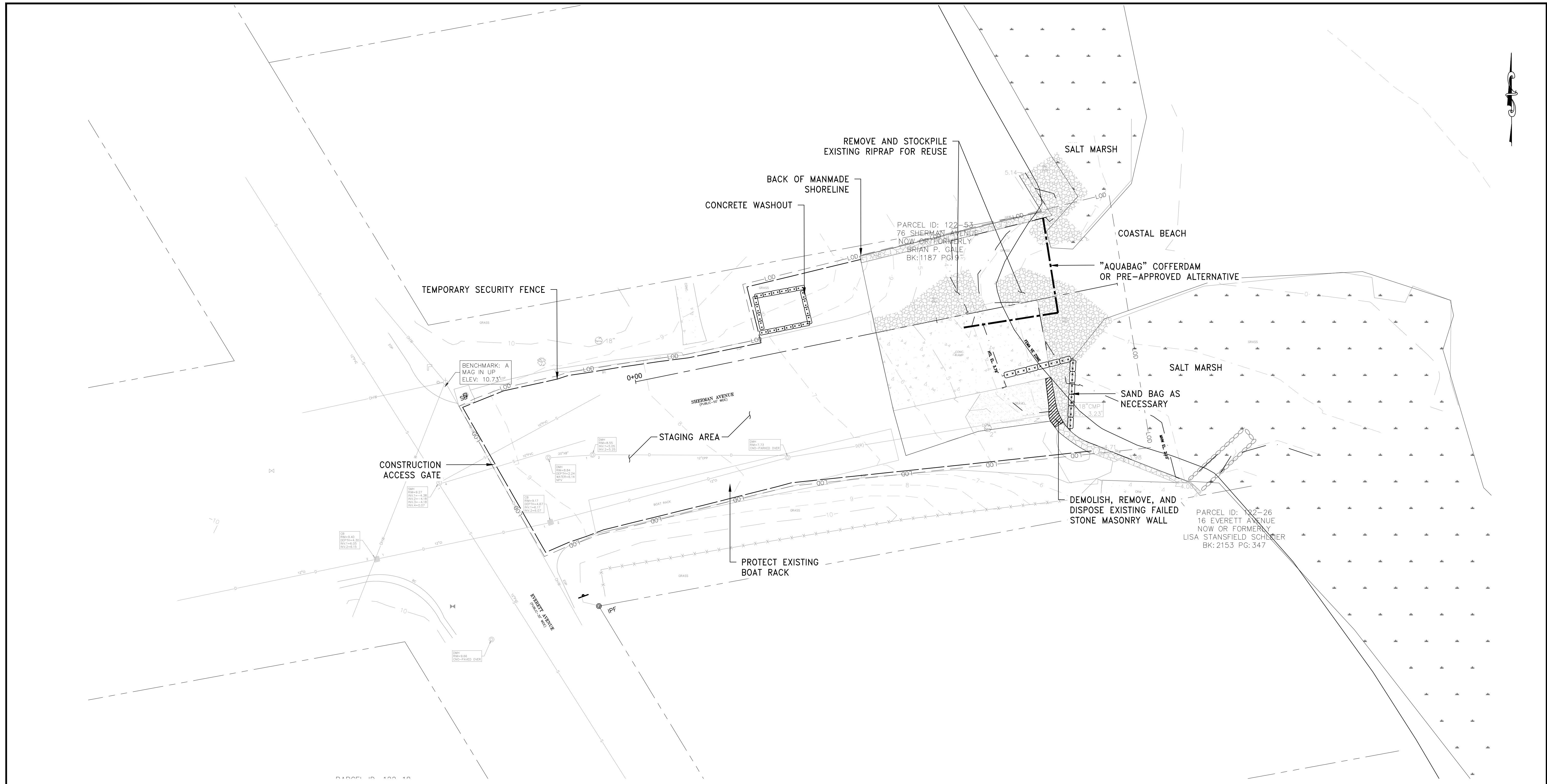
GENERAL NOTES

DRAWING NO.: 1.0
SHEET NO. 3 OF 6

RICRMC SUBMISSION
NOT FOR CONSTRUCTION

2/1/2024 12:12:12 PM @ Bristol - Sherman Avenue Boat Ramp Improvements - Design - 01/05/2024 - 01/29/2024

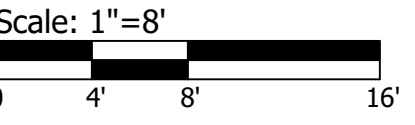




NOTES:
 1.0 TOP OF COFFERDAM SHALL BE EL. 5.0 FT NAVD88 TO FACILITATE WORK DURING NORMAL TIDE CYCLES
 2.0 TEMPORARILY SUPPORT DRAINAGE PIPE DURING EXCAVATION EFFORTS.

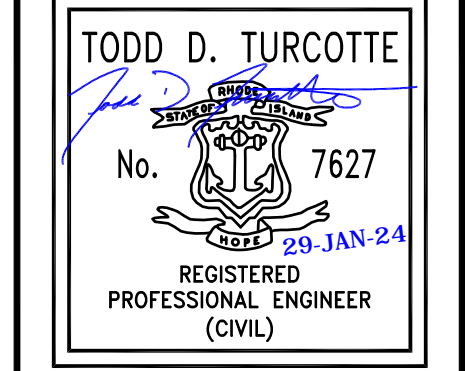
DEMOLITION & EROSION CONTROL PLAN

SCALE: 1/8"=1'



SCALE ADJUSTMENT GUIDE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0" 1"

**Sherman Avenue
 Boat Ramp Improvements**
 Bristol, Rhode Island



| REVISIONS: | |
|------------|------------|
| IFCR | 01/05/2024 |
| IFP | 01/29/2024 |
| | |
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PROJECT NO.: 21187.01
 DATE: JANUARY 2024
 SCALE: AS NOTED
 DESIGNED BY: ECL/TJD
 CHECKED BY: BMD
 DRAWN BY: LMC/TJD
 APPROVED BY: TDT
 DRAWING TITLE:

DEMOLITION &
 EROSION CONTROL PLAN

DRAWING NO.: **2.0**
 SHEET NO. 4 OF 6

RICRMC SUBMISSION
 NOT FOR CONSTRUCTION

RECEIVED
 1/30/2024
 CIVIL ENGINEERING
 BRISTOL TOWN ENGINEERING



SCALE ADJUSTMENT GUIDE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0" 1"

Sherman Avenue Boat Ramp Improvements

Bristol, Rhode Island

TODD D. TURCOTTE
 No. 7627
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)
 29 JAN 24

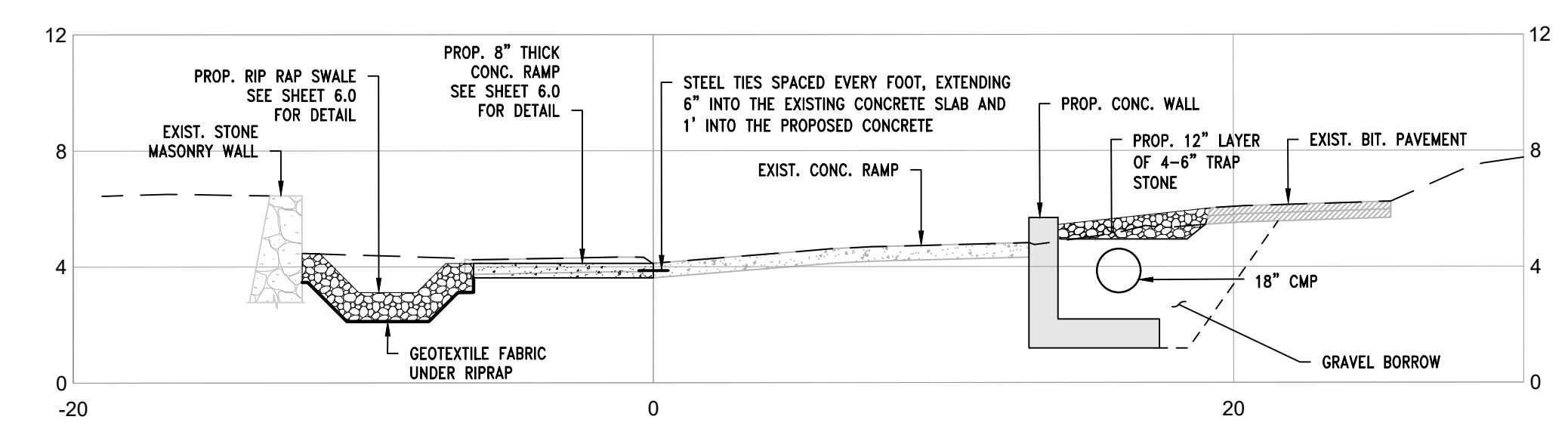
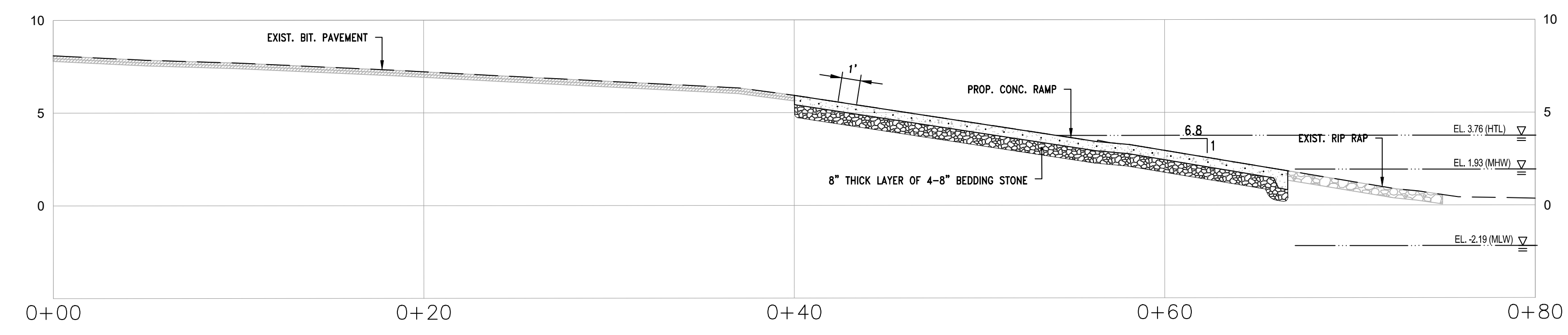
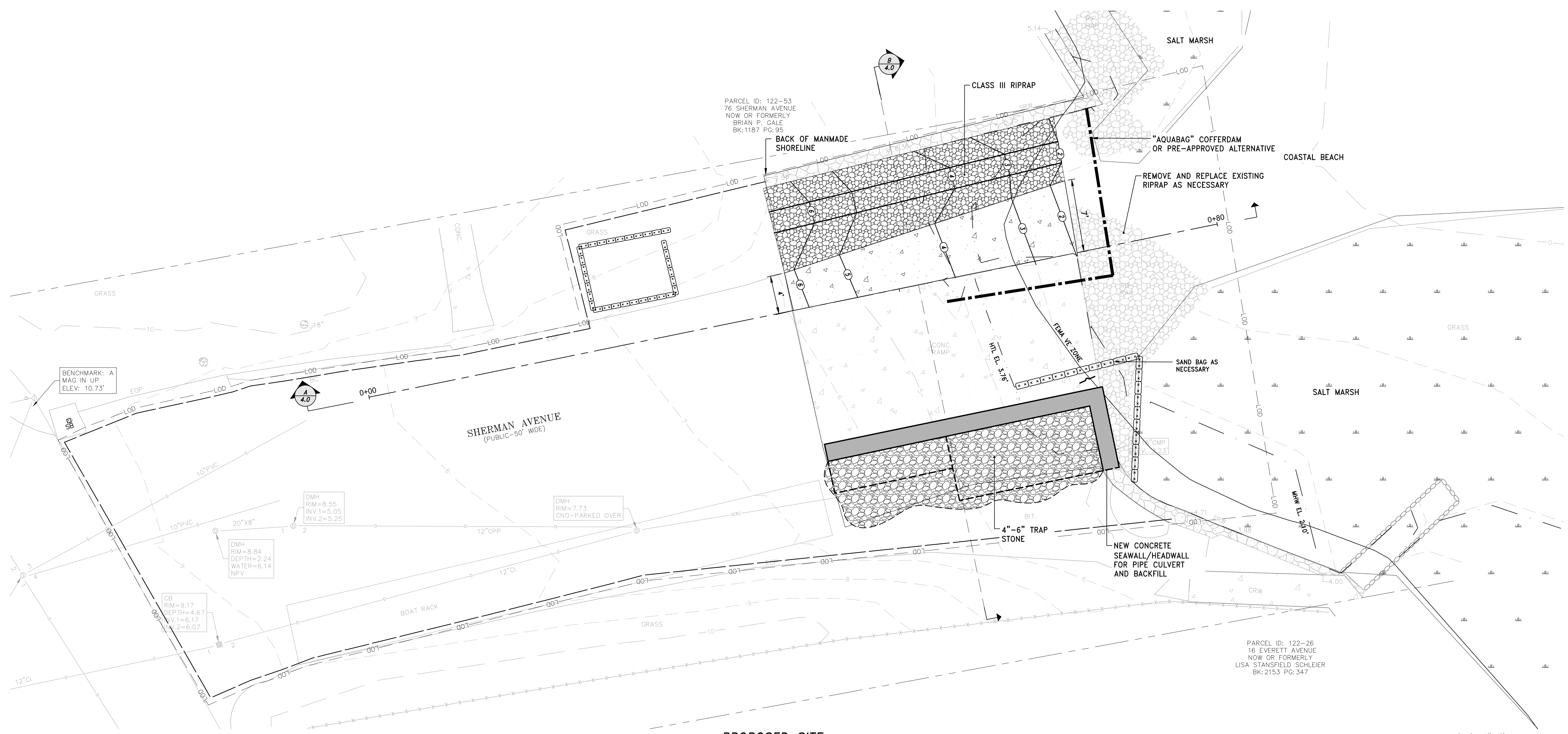
REVISIONS:

| | |
|------|------------|
| IFCR | 01/05/2024 |
| IFP | 01/29/2024 |

PROJECT NO.: 21187.01
 DATE: JANUARY 2024
 SCALE: AS NOTED
 DESIGNED BY: ECL/TJD
 CHECKED BY: BMD
 DRAWN BY: LMC/TJD
 APPROVED BY: TDT
 DRAWING TITLE:

PROPOSED SITE PLAN

DRAWING NO.: 3.0
 SHEET NO. 5 OF 6



RICRMC SUBMISSION
 NOT FOR CONSTRUCTION



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 Boat Ramp Improvements
 Bristol, Rhode Island

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STRUCTURAL DETAILS

DRAWING NO.: 4.0
 SHEET NO. 6 OF 6

