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:	2021-08-102	_ Date:	September 21, 2021	
This office has	under consideration the application of:			
	Bristol County Water A	Authority	7	

450 Child Street
Warren, RI 02885

for a State of Rhode Island Assent to remove the Lower Kickemuit Reservoir Dam and restore the Upper Kickemuit estuary. The project consists of the removal of the dam structure, shoreline stabilization, sediment management, and wetland restoration. Special Exceptions are required for dredging in Type 2 waters §1.3.1(I)(3)(b), filling in Type 2 waters §1.3.1(J)(3)(a) and alterations to coastal wetlands §1.3.1(L)(3)(b)

Project Location:	Lower Kickemuit Reservoir Dam
City/Town:	Warren
Plat/Lot:	13B 21 / 28 182
Waterway:	Kickemuit River

Plans of the proposed work may be seen at the CRMC office in Wakefield.

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 __October 21, 2021___.

Prepared for The:

PERMIT SUBMISSION NOT FOR CONSTRUCTION

BRISTOL COUNTY WATER AUTHORITY

LOWER KICKEMUIT RESERVOIR DAM REMOVAL (WARREN RESERVOIR LOWER DAM) RI/479

WARREN, RHODE ISLAND AUGUST 2021

Drawing Index



OVERVIEW OF LOWER KICKEMUIT RESERVOIR

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- SITE ACCESS PLAN
- CONTROL OF WATER PLAN
- DEMOLITION PLAN
- PROPOSED SITE PLAN
- EXISTING WEILAND PLAN

PROPOSED BREACH SECTION

- PROPOSED WETLAND CONDITIONS
- PROPOSED WETLAND CONDITIONS IMPOUNDMENT SECTIONS
- IMPACTED SOIL REMOVAL PLAN
- SEDIMENT DEWATERING PLAN SEDIMENT MANAGEMENT PLAN
- SERPENTINE ROAD IMPROVEMENTS
- MISCELLANEOUS DETAILS RECEIVED

LOCUS PLAN

AUG 24 2021

Prepared MANNEMENT COUNCIL

CORPORATION

Foxboro, Massachusetts



AERIAL PLAN
SCALE: 1" = 400"





GENERAL NOTES: FOR THE PURPOSE OF THIS PROJECT

- BRISTOL COUNTY WATER AUTHORIT 450 CHILD STREET WARREN, RI 02885
- J. MATTHEW BELLISLE, P.E. BRIAN M. DUTRA, P.E.
- PARE CORPORATION 10 LINCOLN ROAD, SUITE 210 FOXEDRO, MA 02035
- ALL CONSTRUCTION HOLDATE ON THESE PLANS SYML BE FERFORMED IN ACCORDANCE WITH THE LITTLE DETERMINED BY THE SOUTHWAY. THE SOUTHWAY THE STATEMENT OF THE MOST OFF COMMUNICATION THESE THANKS SYML BE FERFORMED IN ACCORDANCE OF THE SOUTHWAY. THE SOUTHWAY THE THE STATEMENT WELLOW HOLDER OF THE CONTRACT THOSE THANKS SYML BE FERFORMED IN ACCORDANCE WITH THE CONTRACT THOSE THANKS SYML BE FERFORMED IN ACCORDANCE WITH THE STATEMENT WELLOW HOLDER OF THE CONTRACT THOSE THANKS SYML BE FERFORMED THE STATEMENT WITHOUT THE CONTRACT THE STATEMENT WE MUST WELLOW THE CONTRACT THE STATEMENT WE WITHOUT THE STATEMENT WE WELLOW THE CONTRACT THE STATEMENT WE WITHOUT THE STATEMENT WE WELLOW THE CONTRACT THE STATEMENT WE WELLOW THE CONTRACT THE STATEMENT WE WITHOUT THE STATEMENT WE WELLOW THE CONTRACT THE STATEMENT WE WELLOW THE STATEMENT WE WERE THE STATEMENT WITHOUT THE STATEMENT WE WERE THE STATEMENT WITHOUT THE STATEMENT WE WERE THE STATEMENT WE WERE THE STATEMENT WE WERE THE STATEMENT WITHOUT THE STATEMENT WE WERE THE STATEMENT WITHOUT WE WERE THE STATEMENT WITH WE WERE THE STATEMENT WE
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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VEHITYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS. DEFTHS AND THICKNESS OF THE SUBSURFACE STRATA INDICATED HEREIN ARE GENERALIZED AND INFORMATION SHOWN FOR THE DAM IS INTERPOLATED AND MAY VARY.
- CONSTRUCTION SHALL BE NADE FROM APPROVED SHOP DRAWINGS ONLY.
- NOTES, TRUCK, DITALS, AND SCHEDULES APPLY TO ALL WORK LINEESS OTHERWISE NOTED, FOR CHORITIONS NOT SPECIFICALY SUPPLICABILITY BY SUBMITTING SHOP BRANCHES FOR REVIEW.
- INFORMATION READMOND THE COLOTING OF SERBERHOUND STREETINGS, LITHINGS, AND THE LES-BILE CONTRIBUTION OF THE CESTION OF AN A SHALL BE FILED, VIRBIDITY AND STREETING AND SHALL BE FILED, VIRBIDITY, THE CONTRIBUTION AND SHALL FOR THE CONTRIBUTION AND SHALL FOR THE CONTRIBUTION AND SHALL COLOR AND SHALL SHALL BE AT THE CONTRIBUTION AND SHALL BE AT THE CONTRIBUTION AND SHALL SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE THE SHALL BE AT THE CONTRIBUTION AND SHALL BE AT THE SHALL BE AT THE SHALL BE AT THE CONTRIBUTION AND SHALL BE AT THE SHALL BE AT THE
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND REQUIATING BASE AND STORM FLOWS IN ACCORDANCE WITH THE RIDEN "RULES AND REQUIATIONS FOR DAY SAFETY" AND AS STATED WITHIN THE CONTRACT DOCUMENTS.

ELEVATIONS REFERENCE NAVO 1988, HORIZONTAL DATUM REFERENCES NAD 1983.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLTION AND EXCESS MATERIAL IN ACCORDANCE WITH RHODE ISLAND, LOCAL, 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 SHALL COMPLY WITH ALL CONDITIONS OF ALL PERMITS FOR THE WORK. THE CONTRACTOR SHALL CONDINATE SCHEDULE WITH THE OWNER AND ANTICIPATED FERMIT ISSUE DATES. THE CONTRACTOR SHALL FOLLOW ALL CISM, AND CRIER APPLICABLE TERDALL STATE, AND LOCK STANDARDS TOR ALL PROLECT COMPANIES AND CONTRIBES, THE CONTRACTOR SHALL BE SOLICY RECONSIDER FOR ALL SITE SAFETY PROCEDURES AND PRACTICES REDARDLESS OF THE PRESENCE OF THE OWNER, AND PRACTICES REDARDLESS OF THE PRESENCE OF THE
- ALL CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE LIMITS OF WORK AND TEMPORARY EASEMENTS DEFINED HEREIN,
- WHERE REFERENCE IS MADE TO ANY CHARMAND SPECIFICATION, IT SHALL NEAR THE MOST RECENT PROTECTIONS CORE, STANDARD OR SHALL PROTECTION OF THE OPPORTUNITY MET CHARMAND CONFLICT, CONSIDERED, A PART OF THESE CONTROL CHARMAND OF CORES WILL CHARMAND OR SHALL CHARMAND CORES SHALL CONTROL CHARMAND CORES SHALL CONTROL CHARMAND CAN SHALL CHARMAND CORES SH
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A CONSTRUCTION SOURCE TO THE OWNER WITHIN 3 DAYS OF THE PRE-CONSTRUCTION CONFERENCE. HE CONTRACTOR SHALL UPDAY THE SCHEDULE AS MEDICIO AND AS REQUESTED BY THE OWNERS THROUGHOUT THE COUNSES OF WORK. THE CONTRACTOR SHALL STAGE ALL EQUIPMENT IN THE DESIGNATED STAGING AREAS, ALL GREASING AND REFLIELING ACTIVITIES SHALL OCCUR IN THE STAGING AREA.
- ILI CONTRACTOR SHALL AMITIAN A SECURE SITE AND PROVIDE APPROPRIATE SAFETY MEASURES TO PREVENT ACCIDENTS, THE SAFETY MEASURES SHALL INCLUDE, BUT NOT BE LUNTED TO SIGNAGE, BARRICADES, FENCES, FLASHING WARNING LIGHTS, AND POLICING IF NECESSARY.
- UPON COMPATION OF THE PROJECT, CONTRACTOR SHALL PROVIDE TWO AS-BUILT PLAY SETS OF THE OWNER DEPOTED AND THE THEORY OF THE CONTRACTOR OF UNDOCATED THE CONTRACTOR OF UNDOCATED THE CONTRACTOR OF UNDOCATED THE CONTRACTOR DEVALUANCES OF UNDOCATED TO FIELD OR CHANGE ORDER, AND DETAILS NOT OR THE CONTRACT DEVANDED DEVALUANCES.
- IN YOUR ON DESCHAESS, THEN THAN THAT SHOWS, SHALL RE PERFORATO WITHIN WITLINES WITHOUT THEIR RECEIVED APPLY ADDRESS HAVING JURISATION OFFI ALL ON PERFORMS OF THE WORK CONTRACTOR SHALL RE RESPONSE FOR RESIDENCE AND REPRENEND ADDRESS RESIDENCE AND REPRENEND ADDRESS RESIDENCE AND REPRENEND ADDRESS AND REPRENEND ADDRESS.
- UPON COMPATION OF THE WORK, ALL DISTURBED AREAS SHALL BE DRESSED AND SEEDE WITH SLOPE OF PLOT HEX AND MARINARED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, CONTRACTOR SHALL BE REQUIRED TO WATER SEEDED SLOPES ON A DAILY BASIS UNTIL A SATISFACTORY STAND OF GRASS HAS EVENUEED.
- THE CONTRACTOR SHALL ATTEND WEEKLY PROGRESS MEETINGS IN ACCORDANCE TO SPECIFICATION SECTION 01200: PROJECT MEETINGS.
- THE CONTRACTOR SHALL STOCKPIE ALL SHITABLE MATERIAL EMCOUNTEERS DURING TEXAMINED AND BENOLTION ACTIVITY FOR REUSE. THE CONTRACTOR SHALL REPORTE TARRES, CORES, AND OTHER BELIEVES TO PROTECT STOCKPIEZS FROM BECOMING SATURATED, PROZEN, OR OTHERWISE UNSUITABLE FOR BENIEVE
- CONTRACTOR SHALL THOROLIGHLY WASH AND CLEAN EQUIPMENT PRIOR TO DELIVERY TO THE SITE TO AVOID TRANSPORT AND INTRODUCTION OF INVASIVE SPECIES.
- EMERGENCY RESPONSE NOTES
- TRACIOR SHALL HAMTAN ON STE. AND REDUIT, MAHABE, HATENAS OF SEFFEDET TYPE, AND COMMITY CONTAIN AN ACCOSSIAT, COMPART—AUSTE BEEKSE OF TREL OR OF A MINIMUM SICH MATERNAS LINKLONG ON BOOM OF SERFECTER LEHRIN TO SHAM THE EXISTING OR PROPOSED CHAMTEL AND A 15 LON CONSTRUCTION STEE SHELL AT SUITABLE FOR CONTAINAGE SHELLS ON LANDO OR IN MATER.
- RILEASES OF REPORTABLE QUANTILES SHALL BE REPORTED IN ACCORDANCE WITH THE PROVISIONS OF THE CLLAWING ANT ACCIDENTAL RELEASE OF OIL OR HAZARDOUS WATERIALS THE COMPACTOR SHALL, AS SCON AS PRACTICABLE, NOTIFY THE WARREN AND BRISTOL FIRE DEPARTMENTS BY CALLING 911. CONTRACTOR SHALL HASO NOTIFY THE OWNER AND ENGINEER.

EROSION AND SEDIMENT CONTROL NOTES:

- CONTRACTOR SHALL LIMIT STOCKPILING OF MATERIALS TO THE INDICATED STAGING AREAS. ALL STOCKPILE MATERIAL SHALL BE SURROUNDED BY STRAW BALES AND SILT FENCE. CONTRACTOR SHALL INSTALL STRAW BALES AND SILT FENCE AS INDICATED IN THE CONTRACT DOCUMENTS CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SEDIMENT CONTROL DEVICES.
- THE LOCATION OF SEDMENT CONTROL BARRIERS SHOWN IS CONSIDERED TO BE THE MINIMUM ACCEPTABLE AND SHALL BE MODIFIED, SUPPLEMENTED, OR EXPLANDED BY THE CONTRACTOR AS FIELD CONDITIONS WARRANT.
- SEDUENT CONTROL BARRERS SAMAL CONSIST OF SILT FENCE, STRAW BALES, SILT FENCE BACKED BY STRAW BALES, AND ON STRAW WATTLES AS FIELD CONDITIONS WARRANT. PROJECT ENGINEER SHALL APPROVE THE BARRER TYPE.
- SEDIMENT SHALL BE REMOVED AND DISPOSED BEFORE IT EXCEEDS 1/2 THE ORIGINAL EXPOSED HEIGHT OF THE BARRIER. THE CONDITION OF THE SEDMENT CONTROL BARBERS SHALL BE MONTIFIED ON AN ON-GOING BASIS, AT MINIMUM OF THE PER WEEK AND AFTER ANY RAHFALL EVENT IN EXCESS OF 0.25 IN 24 HOURS. ANY FAILURE OF THE BARBER SHALL BE CORRECTED WITHIN 24 HOURS OF DISCOVERY.
- STONE ANTI-TRACKING PADS SHALL BE UTILIZED AS RECESSARY TO PREVENT VEHICLE TRACKING OF SEDIMENTS ONTO PUBLIC ROADWAYS.
- INE COMPANIENT SHALL SE PREVIATO TO EXCEPT A PARTICLE A RECESSARY TO LIMIT EXCESSAR SHAPE A RECESSARY TO LIMIT EXCESSAR SHAPE A RECESSARY TO LIMIT EXCESSAR SHAPE A RECESSARY TO LIMIT EXCESSARY TO LIMIT EXCESSAR
- upon completion of the project and permanent stabilization of the ground surface, all sedment control barbers shall be removed and disposed of in an appropriate fashion. THE YOUR IS SHELT TO A MITCHAN PALLIFAM DECIMANE ELEMENTS STETL PERM IS ROUBED BY THE COMPONENTAL PROTECTION MERCY (PAN) CONSTRUCTION SHELT (PAN) LOSS MITCHON SHELL RE RESPONSES FOR READ A MATCH OF HINDY WITH THE DRA PROTECTION OF THE AND A MOTCH OF HINDY WITH THE DRA PROTECTION OF AND SHEPP, CONSCILENT OF REQUIRED THE MOSPICANS, TO SHEPP OF THE SHELT SHELT OF THE SH
- SOIL ERGISON AND SEDURINATION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE "HHODE ISLAND SOIL ERGISON AND SEDURING CONTROL HANDROOK", THE SPECIFIC SWPPP PREVARED FOR PROJECT, AND THE NOTES AND DEFAUS SHOWN IN THIS PLAN SET.
- LOAM AND SEED NOTES: CONTRACTOR SHALL APPLY FERTILIZER AND LOAK TO PREPARED TOPSOIL SUBFACE AT THE BATES INDICATED IN THE PROJECT SPECIFICATIONS AND AS OTHERWISE RECOMMENDED BY THE SOIL CHEMICAL ANALYSIS.
- CONTRACTOR SHALL SEED ALL LOANED AREAS AND OTHER AREAS DISTURBED BY THE WORK AS INDICATED IN THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL HISTALL JUTE MESS YORE THE STREAK SACROMEDIAGE WITH CONTRACTOR SHALL HISTALL JUTE MESS YORE THE STREEK SEEDED AREA NA COORDANCE WITH CONTRACTOR SHALL HISTALL JUTE MESS YORE THE STREEK SEEDED AREA NA COORDANCE WITH CONTRACTOR SHALL HISTALL JUTE ASSET OF THE STREAK AND DESCRIPTOR OF THE STREAM HALLS! IPON COMPLTION OF THE WORK ALL DISTURBED UPUAND AREAS SHALL BE DRESSED AND SEEDED WITH IN ACCORDANCE WITH SECTION LOJ OF THE RODGE ISLAND STATE STRANGED SECURICATIONS AND MARITANED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, UNLESS NOTED DITHERWISE.
- CONTACTOR SIALL BE RESPONSIBLE FOR MANTANING SEEDED AREA THROUGH ONE BROWNED SEASON, MARTENAKCI NCLUDES MOWING WATERIOR, AND RE-SEEDING AS REQUIRED TO EDELECP A SATESACTOR STAND OF HEALTHY GRASS AS DEFINED IN THE PROJECT SPECIFICATIONS (SECTION 0280D; LANDSCAPIKG)

DIVERSION NOTES:

- DEMOLTION ACTIVITY SHALL CONFORM TO CURRENT AIR POLLIFION CONTROL REGULATIONS. THE CONTRACTOR SHALL IMPLEMENT MEASURES TO ALLEYINTE BUST, MOSE, AND ODOR MUSANCE CONDITIONS THAT MAY OCCUR DURING THE DEMOLTION ACTIVITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR YERETYNG ALL EXISTING CONDITION IN THE FIELD PRICE TO AND DEVOLUTION OR CONSTRUCTION, ANY DISCREPANCIES RELATING TO THE DIAMNECS SHALL BE REPORTED TO THE ENGINEER INALIDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFFSTE DISPOSAL OF ALL PROJECT DENOLITION MATERIAL TRASH, AND DEBRIS IN ACCORDANCE WITH THE LOCAL STATE LAWS.
- THE COMPRACTOR SHALL MANTAN STREAM FLOW THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL RE RESPONSIBLE FOR PREVENTING ANY SOIL OR OTHER MATERIAL FROM EXTERING THE DISCHARGE CHANNEL OR IMPOUNDMENT.
- THE CONTRACTOR SHALL NOT PERFORM ANY DRAW DOWN OF THE IMPOUNDMENT UNLESS THEY HAVE RECEIVED WRITEN SHALL NOT PERMISSION FROM THE OWNERS OR MUST EXECUTE EMERICANCY PROCEDURES OUTLINED IN THE CONSTRUCTION FLOOD CONTINGENCY FLAX.
- THE CONTRACTOR SHALL REGULATE DISCHARGES AND PHASE CONSTRUCTION SO THAT CONSTRUCTION MATERIAL DOES NOT PASS THROUGH FLOWING WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOSS AND DAMAGE DUE TO A FAILURE OF ANY COFFERDAMS OR DIVERSION STRUCTURES CONSTRUCTED DURBNG THE WORK,
- MY MICESSAMY COPTERMANE AND INFESSIONS SHALL BE DESIGNED BY THE COMPTACTOR AND BUE BY THE STAMP OF A PROSESSIONAL EMBELSE REQUIRED BY THE STAMP OF A PROSESSIONAL EMBELS REQUIRED HOUR TEACHER THE STAMP AND ADDITIONAL COST TO THE OWNER AND RECORDER SHALL BE INSTALLED AND REDOFFED BY HOUR EXPERTAL FOR ADDITIONAL COST TO THE OWNERS SHALL BE INSTALLED AND REDOFFED BY THE STAMP OF ADDITIONAL COST TO THE OWNERS SHALL BE INSTALLED.
- THE CONTRACTOR SHALL HANTHAN A STOCKILE OF HATERAL CHRIST TO BE UTLIZED TO STABLIZE THE EXCANTION IN THE CONTROL SHALL BE WHITE OR OTHER CONSTITUES WHICH HAVE COMPANIES THE CONTREAMS THE THE THE CONTROL SHALL BE HARTHAND IN ACCORDANCE WITH A FOOD CHARBOTHY BESTONEY FOR THE ON THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE ENGINEER AND OWNER.
- WITH THE PHYROM, OF THE INDIRECT, HE CONTRACTOR MAY UTILIZE WATER WITHOUGHAND STAND HE COWER RESERVOR FOR HE PURPOSESS OF LOWARD ASSESSION FOR HE PURPOSESS OF LOWARD AND SEASO PHYROSON SAME MATERIANCE, LOSS OF THE TRACTIONARY OFF THE PURPOSES OF THE TRACTIONARY OFF THE TRACTIONARY OF THE TRAC

CONSTRUCTION SEQUENCE:

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PARE CORPORATION
BRIEFS - SZENTSTS - PLANESS
30 LIXCON 100-05, SUITE 210
FOXEGOD, MA 0003
508-564-1755

1

- HYDRAULICALLY REMOYE THE UPPER 8 TO 12 INCHES OF SEDIMENT FROM TWO DISCRETE AREAS IDENTIFIED IN THE LOWER KICKEMUIT RESERVOIR, DEWATER AND DISPOSE OF AT A LICENSED FACILITY. ESTABLISH CONSTRUCTION ACCESS, INSTALL EROSION CONTROLS, AND TRAFFIC CONTROL SIGNAGE THROUGHOUT PROJECT SITE.
- REMOVE THE STAGE 1 UPSTREAM COFFER DAM AND INSTALL AN UPSTREAM COFFER DAM IN THE STAGE 2 COFFER DAM CONFIGURATION TO ELEVATION 5.0.
- DEMOLISH AND REMOVE THE DAM SPILLWAY, TIDE GATES, TRAINING WALLS, AND FISHWAY. SHAPE AND GRADE THE CHANNEL UP TO ELEVATION 1.0.
- REUSE MATERIAL EXCAVATED FROM AROUND THE DAM TO STABILIZE AND REGRADE THE SOUTHERN SHORELINE ALONG CHILD STREET.
- RENOVE THE ENTIRE UPSTREAM COFFER DAM.
- 13. PLACE STABILIZATION STONE WITHIN CHILD STREET CULVERT. 12. RENDYE DOWNSTREAM COFFER DAN.
- RESTORE THE SOUTHERN SHORELINE WITH NATIVE COASTAL PLANTINGS, RESTORE REMAINING DISTURBED TERRESTRIAL AREA WITHIN THE PROJECT LIMITS.

- MONITORING FOR INVASIVE PLANT SPECIES WILL COMMENCE AS SOON AS PONID DRAW DOWN IS COMPLETE. THIS MAY BE IN ADVANCE OF THE PHYSICAL REMOVAL OF THE DAM.
- THE HYASIVE SPECIES MONITORING WILL BE IMPLEMENTED WITHIN THE LIMITS OF DISTURBANCE FOR THE DAM REMOVAL AND TO THE APPROXIMATE BOUNDARY OF THE FORMER IMPOUNDMENT.
- POST-CONSTRUCTION MONITORING & CONTROLS
- FOR TWO GROWING SEASONS FOLLOWING IMPOUNDMENT RESTORATION, MONTORING AND CONTROL SHALL BE CONDUCTED MONTHLY FROM JUNE THROUGH SEPTEMBER.
- SHOULD INVASYE COLONIZATION BE ENCOUNTERED, CONTROL NESSURES SHALL BE INFLUMENTED INABILITELY CONTROL MEASURES SHALL BE DETENANCO BY THE COLUMETER AND SHALL BE DETENANCO BY THE COLUMETER METLANCE SPECIALS RESPONSIBLE FOR MONITORING.
- CONTROL MEASURES MAY INCLUDE PHYSICAL AND/OR CHEMICAL TREATMENT OF THE COLONIZATION.
- PHYSICAL TREATMENT MAY INCLUDE CUTTING OR PULLING INDIVIDUAL PLANTS, OR REMOVING ROOT SYSTEMS.

- COMBINATION TREATMENT MAY INCLUDE 'CUT AND PAINT' METHODS
- H. DOCUMENTATION OF MONITORING AND CONTROL ACTIVITIES SHALL BE SUBMITTED MONTHLY TO THE PROJECT OWNER

EL 4.0 DATUM INFORMATION NOAA VOATUM (41.724059, -71.2630043) EL -3.0 L-2.44 MEAN LOWER-LOW WATER (MILW) EL -2.0 EL 0.0 EL 1.0 EL 2.0 EL 3.0 EL. 10.0 EL 11.0 EL -1.0 ---+12.00 FEMA FLOOD ELEVATION (ZONE AE 12) / +3.00 ORDINARY HIGH WATER (OHW) (NORMAL POOL) +0.00 NAVD BB -0.26 LOCAL MEAN

- INSTALL COFFER DAMS IN THE STAGE 1 ORIENTATION AND INSTALL TWO, 36" DIAMETER, TEMPORARY DIVERSION PIPES ALONG THE SOUTHERN SIDE OF THE DAM.

- ADJUST DOWNSTREAM COFFER DAM TO STAGE 3 ORIENTATION AND SET TO ELEVATION 1.0.
- COMPLETE SEDIMENT MITGATION MY COMERING THE UPSTREAM AND DOWNSTREAM COPTER DAM IN STACES, MECHANICALLY DEDGE MOBILZED EXDURENT MITHIN THE BASIN ACCORDING TO THE DREDDE LIMITS SHOWN ON SHEET 6.1, DENATUR, AND DISPOSE OF MATERIAL BETWEEN EACH STAGE.
- 11. CONDUCT ANY FINAL SEDIMENT CLEAN UP AS NEEDED TO ENSURE PROPER SEDIMENT REMOVAL

- INSTALL TIDAL GATES TO SERPENTINE ROAD CULVERTS.

INVASIVE SPECIES MONITORING NOTES:

- CONTACTION SHALL BE RESPONSIBLE FOR IMPLIANTING A MONTONING PROGRAM AS PART OF THE BASE SCOPE OF WORK. SHOULD INVESTMENT SECURISTY, THE SCOPE OF WORK SHALL BE IDENTIFIED BY THE CONTRACTOR AND COMPLITED THROUGH CHANGE ORDER OR AS OTHERWISE DEDUCE APPROPRIATE.
- iontioriko siall be oyeseen by a omajeed wetlands specialist with expressor identeying and manging Invasive plant species in the angentalatein united states. Documentation of such qualifications shall be Submitted to the engineer for approval.
- RUPINI, MOOR PAR PERSE O ORGER AT RE SIE NOLDE PERK LOSSETRET (L'HERA SALOSA). DAMON NEU (PRAGAITE AUTRIA (S. DENECONES), MAUTICAN ROES (ROES AUTITION), NO JAPACSE LINGERS AUTRICAN, TOURISCH, DENECONES AUTRICAN), NO JAPACSE LINGERS AUTRICAN, NO JAPACSE AUTRICAN, NO JAPACSE LINGERS AUTRICAN, NO JAPACSE AUTRICAN, NO JAPACSE LINGERS AUTRICAN, NO JAPACSE AUTRICAN, NO JAPACSE LINGERS AUTRICAN, N
- FOLLOWING IMPOUNDMENT RESTORATION, MONTOR AND CONTROL ONCE PER MONTH FOR THE REMAINDER OF THE FIRST GROWING SEASON. (TO BE COMPLETED BY CONTRACTOR)

- CHENICAL CONTROL MAY BE ACCOMPLISHED BY USING A SHORT-LIFE HERBICIDE SUITABLE FOR USE IN AN AQUATIC ENVIRONMENT.

e { EXISTING ABBREVIATIONS LIMIT OF DISTURBANCE ODIAS CONTER DAM PRESENT DURING ORIENTATION NOS. 1 AND 2 CDZ COFFER DAM ORIENTATION NO. CD1 COFFER DAM ORIENTATION NO. 1 ABAN ABANDON SILT SILT FENCE REMOVE & DISPOSE PROGRAMMENT MANAGEMENT PROGRAMMENT MANAGEMENT MANAGEMEN PROPOSED

SOLE ADJUSTMENT
OF 15

BAR IS ONE INCH ON
ORUGINAL DRAWING.

D/S = DOWNSTREAM
U/S = UP STREAM
EMB = EMBANKMENT
ENG = ENGNEEEE
CP = CONTROL POINT TURBUITY BARRIER CONC CONCRETE BLOCK STRAW STRAW BALES

-+2.28 MEAN HIGHER-HIGH WATER (NHHW -+2.03 NEAN HIGH WATER (MHW) +3.55 HIGH TIDE LINE (HTL)
HIGHEST PREDICTED TIDE IN 2020
CONAMICUT LIGHT HOUSE SEA LEVEL (LWSL) LOWER KICKEMUIT RESERVOIR DAM REMOVAL No. 7587 assured to REGISTED TO

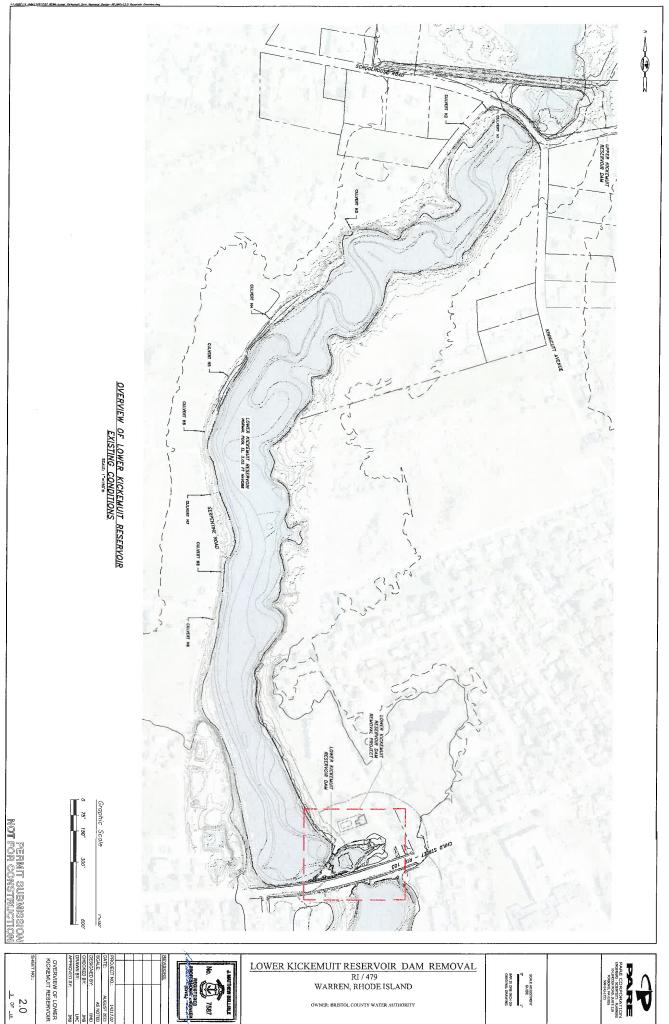
PERMIT SUBMISSION NOT FOR CONSTRUCTION GENERAL NOTES AND LEGEND

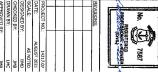
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2 OF 19

WARREN, RHODE ISLAND OWNER: BRISTOL COUNTY WATER AUTHORITY

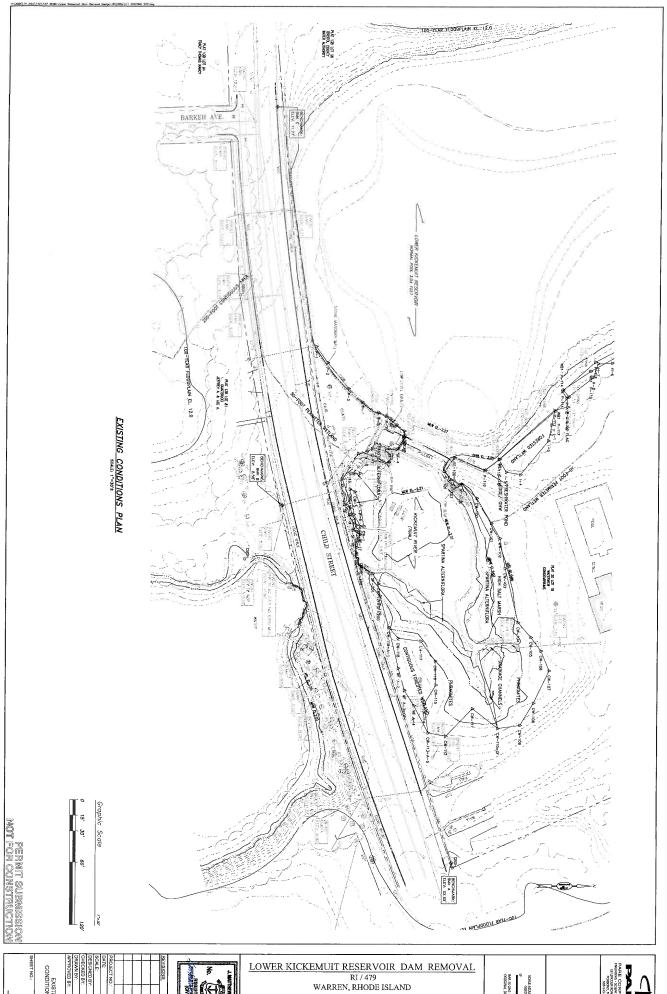
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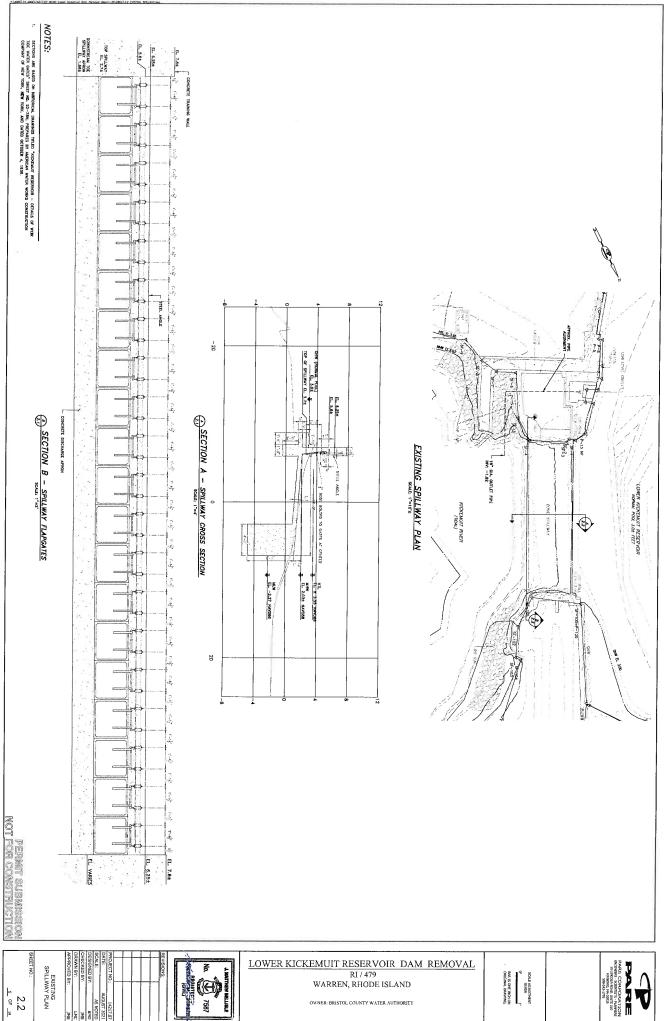








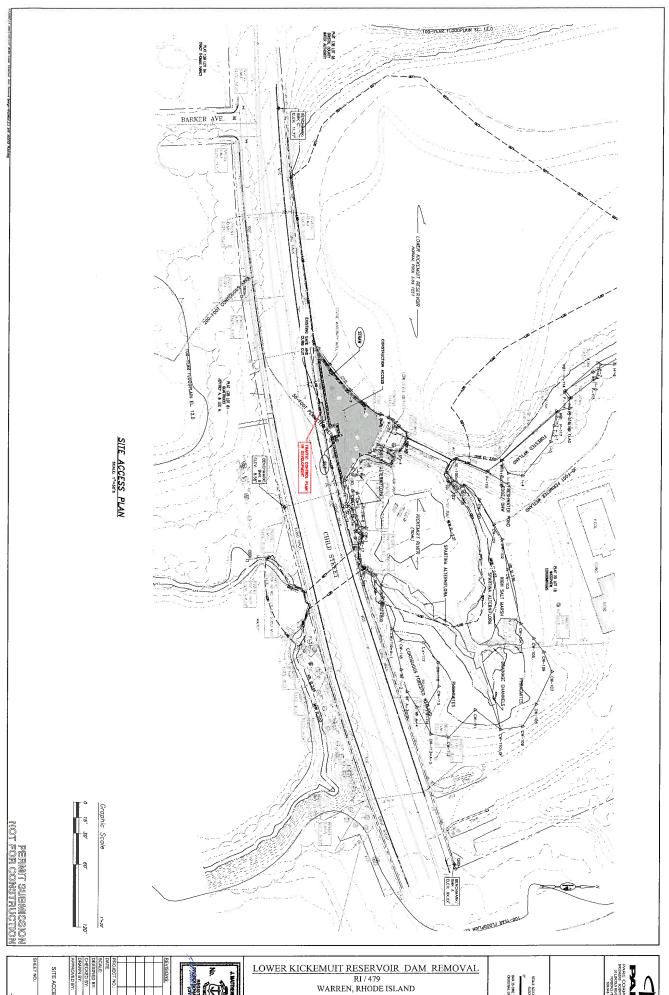




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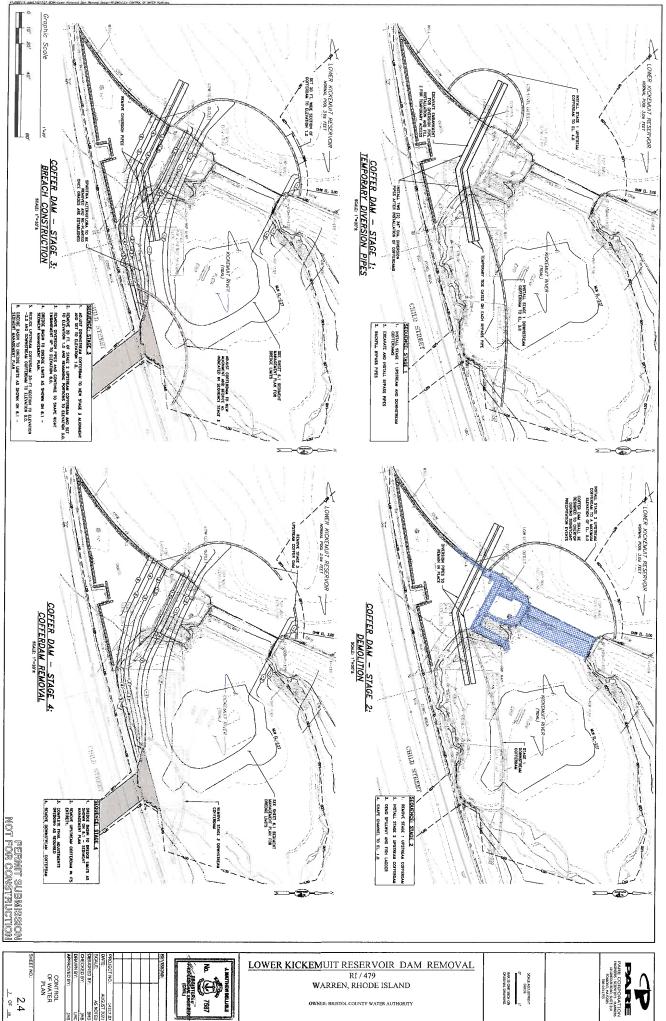




SITE ACCESS PLAN 2.3

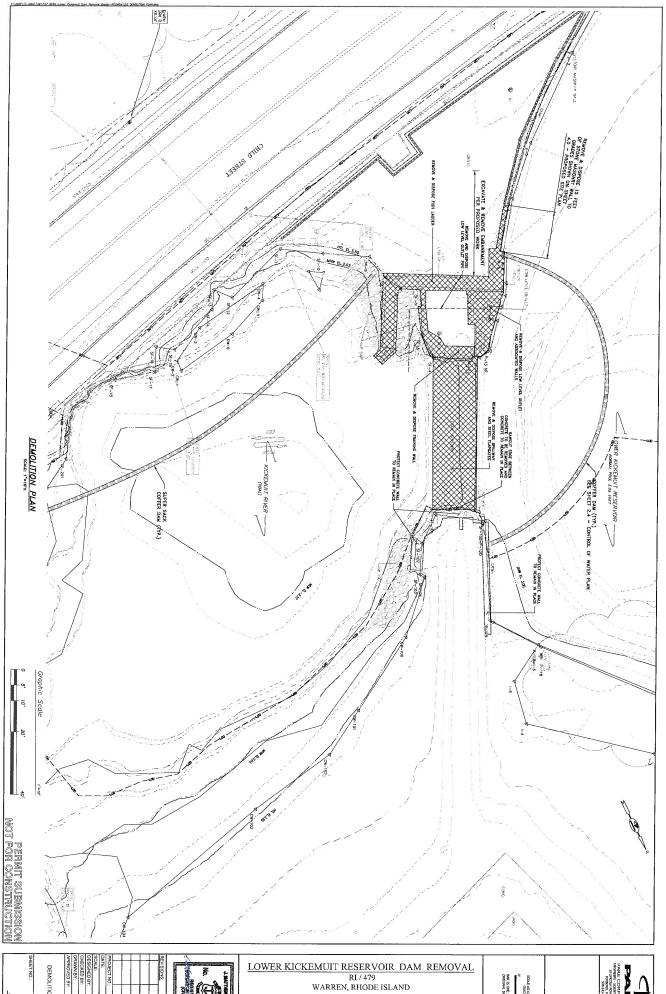








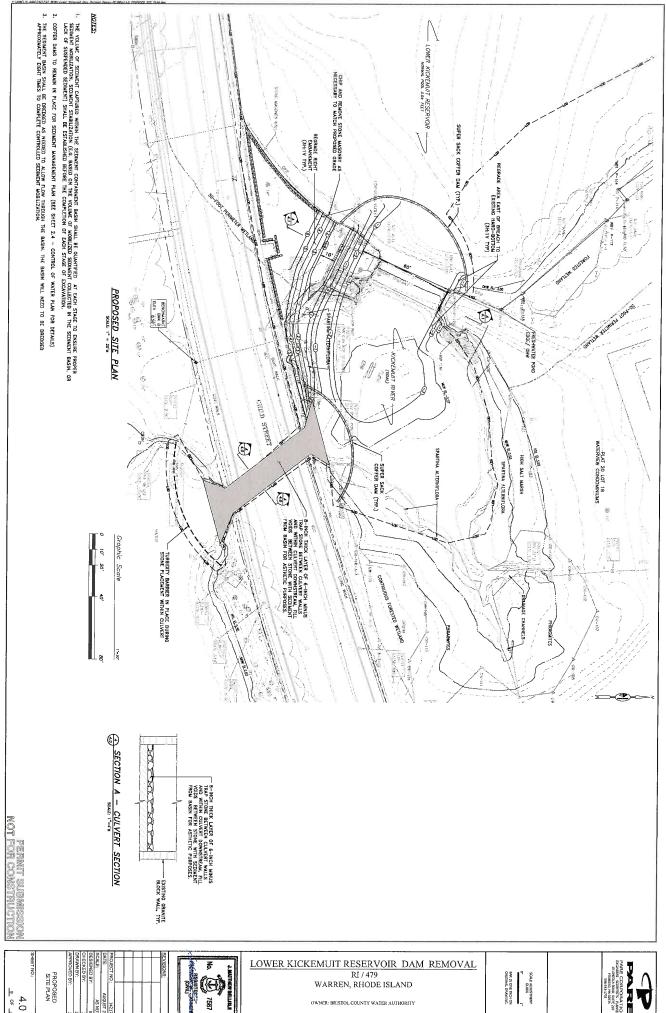




DEMOLITION PLAN No. 220 1281 3.0 * of _12

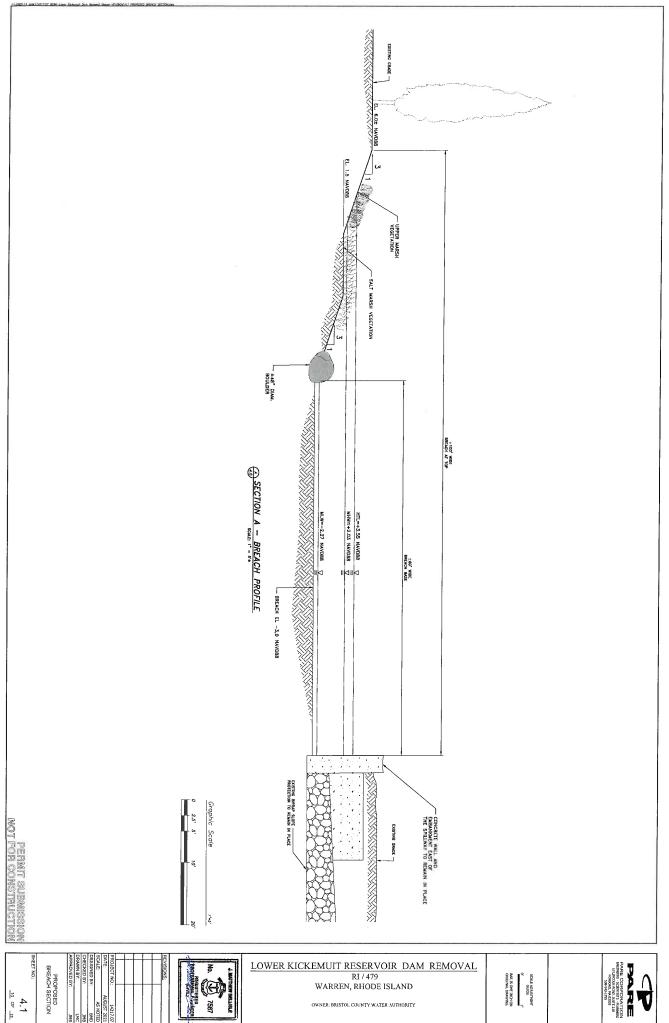






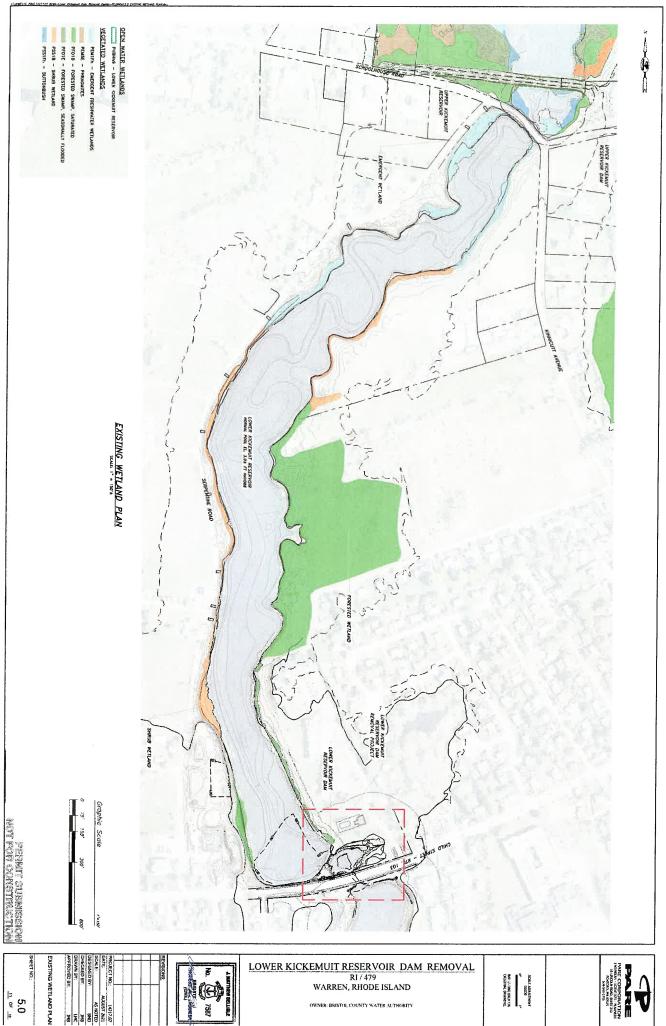
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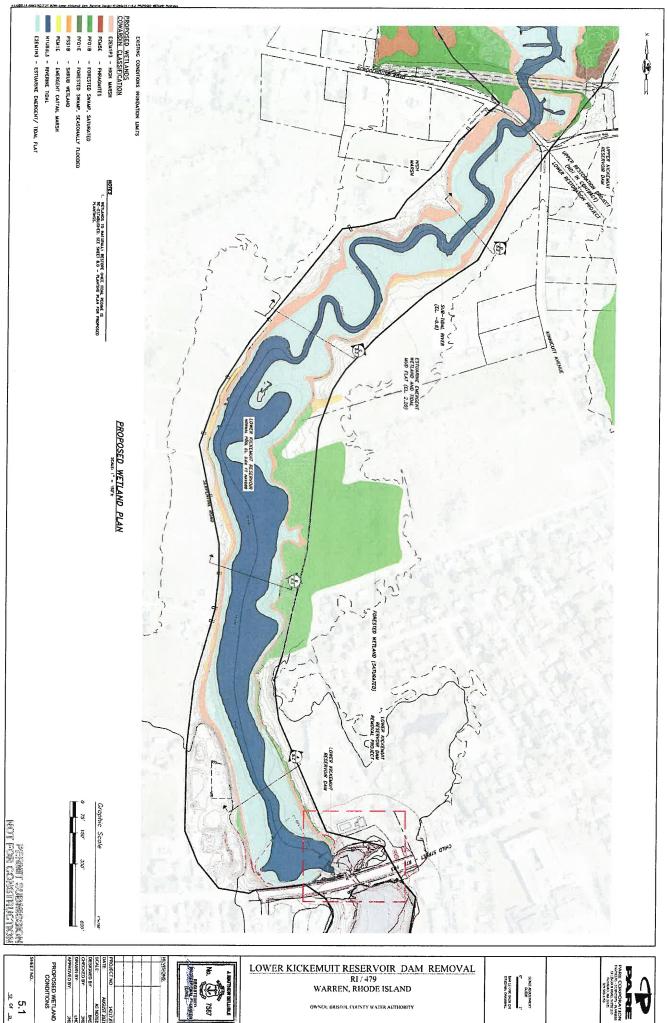




No. FIGURE 1281







A THE BELLOW.



-160 -140 -140 -140 -120 -120 -120 -120 -100 -100 -100 -100 -80 80 -80 NHW EL 2.03 MCM EL -2277 & -60 -60 -60 -60 B EXPLINE HOMAT LAGE (OUR) ET 2'0F MHW EL 2.03 140 1 40 40 A PATE IN HORBING LOCAL TOWN FIT 3'04 20 44

SECTION C - 32+30

SOULT HORIZ, 1-22

VOID, 1-25 CROSS-SECTIONAL AREA
OF MOBILIZED SEDIMENT = 32.25.5 -20 SECTION D - STATION 48+38
SOLE, HORZ, 1"=20"
VERT: 1"=3" SECTION B - STATION 17+20
SOME HORE 1"=20"
VERT: 1"=5" -20 -20 0 20 40

A SECTION A - STATION 6+65

SCALE, HORIZ, 1"-20"

VERT, 1"-2" OF HOBILIZED SECTIONAL AREA
OF HOBILIZED SECTIONAL AREA 0 OF MOBILIZED SEDNENT = 28 SF - PROPOSED CHANNEL PROPOSED CHANNEL OF MORFIZED SEDIMENT = 20.5 SF 20 20 ô ð L EXISTING HARD BOTTOM EXISTING HARD 60 60 60 HARD BOTTON ВОТТОМ 80 80 80 80 100 100 100 100 120 120 120 120 140 140 140 160 160 180 PERMIT SUBMISSION NOT FOR CONSTRUCTION PROPOSED WETLAND
CONDITIONS
IMPOUNDMENT SECTIONS

No. 7587

5.2

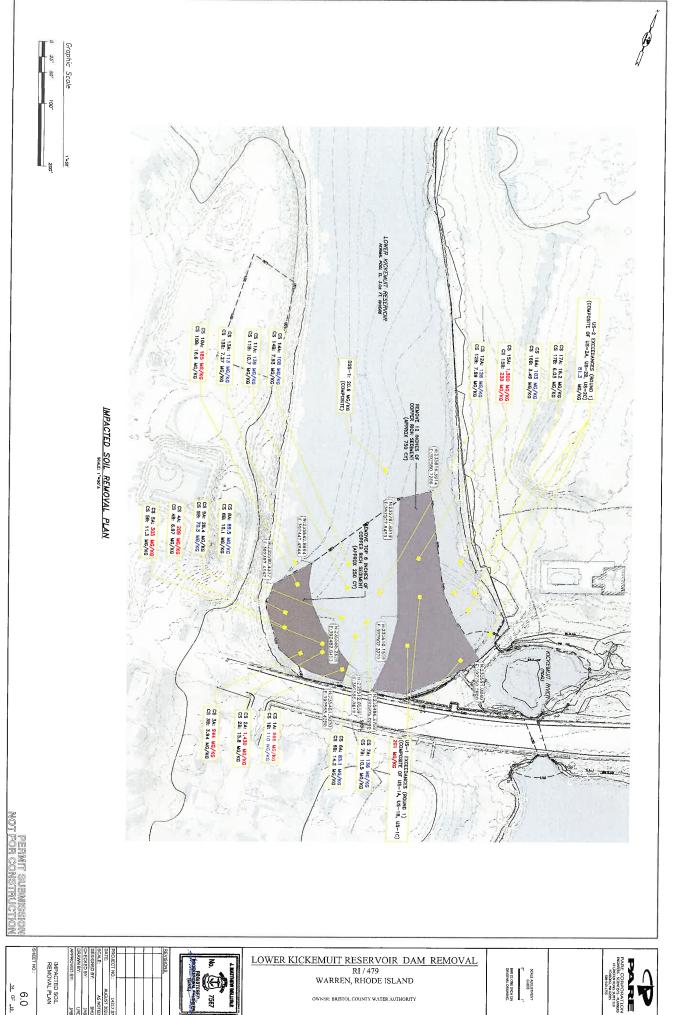
LOWER KICKEMUIT RESERVOIR DAM REMOVAL RI / 479 WARREN, RHODE ISLAND

OWNER: BRISTOL COUNTY WATER AUTHORITY

SCALE ADJUSTMENT
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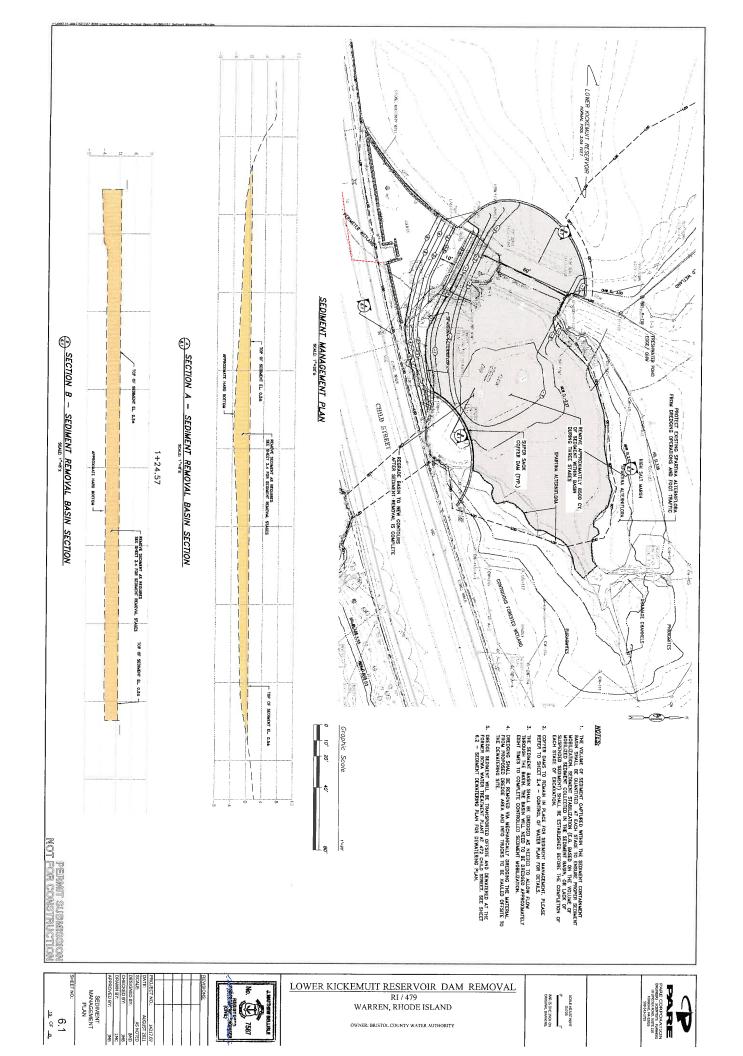




D. G. 7587







NON-PERMEABLE PLASTIC N:235910.3426 SEDIMENT DEWATERING PLAN 6-INCH LAYER OF CRUSHED STONE SECTION A - DEWATERING BASIN SECTION \$ 0.45.2055) 97(59,2061 N:236048.1400 6:392274.2503 SEDWENT TO BE DEWATERED AND DISPOSED OF OFFSITE MANAGE EDUC IN THE YOUNG OF SEDMENT CAPTURED WITHIN THE SEDMENT CONTINUENT MASS STALL BE COMMITTED. AT LOCAL STACE OF SEGMENT COUNTY OF A STACE OF SEGMENT COUNTY OF A STACE OF SEGMENT COULTED IN THE SEDMENT SEGMENT SEG THE SEDMENT BASIN SHALL BE DREDGED AS MEETED TO ALLOW FLOW THOME THE BASIN, THE BASIN WILL NEED TO BE DREDGED APPROXIMATELY EIGHT TIMES TO COMPLETE CONTROLLED SEDMENT MOBILIZATION. COFFER DANS TO REMAIN IN PLACE FOR SEDIMENT MANAGEMENT, PLEASE REFER TO SHEET 2.4 — CONTROL OF WATER PLAN FOR DETAILS. NOTES: 4. DREDGE SEDIMENT WILL BE TRANSPORTED OFFSITE AND STOCKPILED AT THE FORKER BOWN WATER TREATMENT PLANT AT 472 CHILD STREET, SEE SHEET 6.2 — SEDIMENT DEWATERING PLAN STOCKPILED SEDIMENT MAY BE USED FOR OFFSITE MITIGATION. 2'-0' NOE 7 2'-0' WAS TRINGH, SLOPE 10 DOWN SEDIMENT DEWATERING PLAN OVERVIEW THERE 2 GEOTEVILLE
THURSE STAKES
STINAN BALLS,
THO PM 138

PERMIT SUBMISSION NOT FOR CONSTRUCTION SEDIMENT DEWATERING PLAN 16 OF 19 6.2



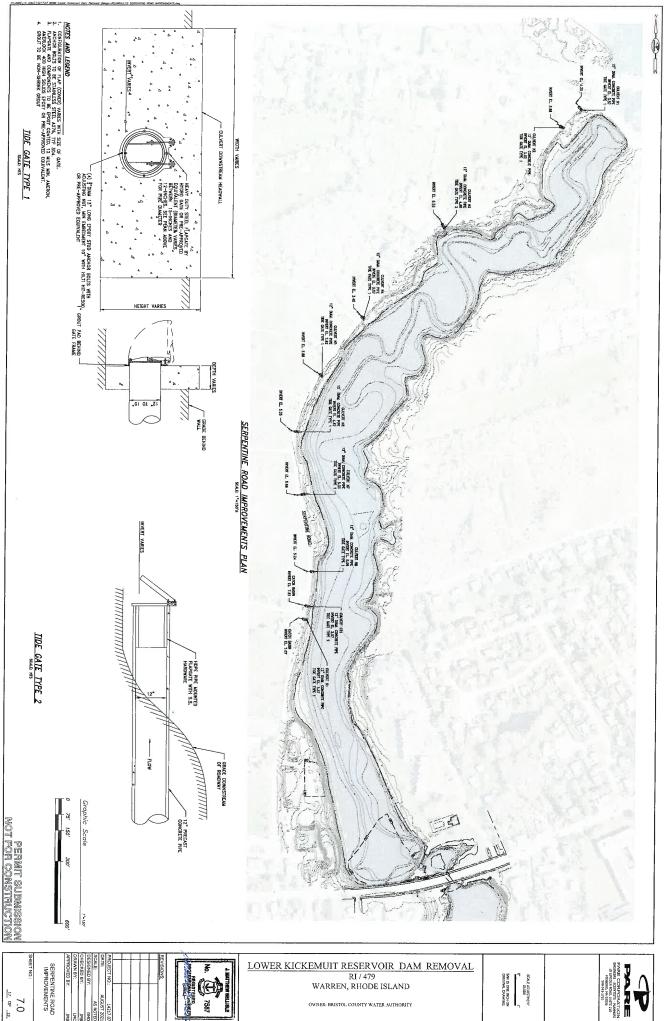
LOWER KICKEMUIT RESERVOIR DAM REMOVAL RI / 479 WARREN, RHODE ISLAND

OWNER: BRISTOL COUNTY WATER ALTHORITY

SIME ADJISTNENT GLIDE 21 SAR IS ONE INCH ON CRICISAN DRAWING



WETLAND EDGS



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