

RI Environmental Management  
JUL 18 2024  
Office of Water Resources

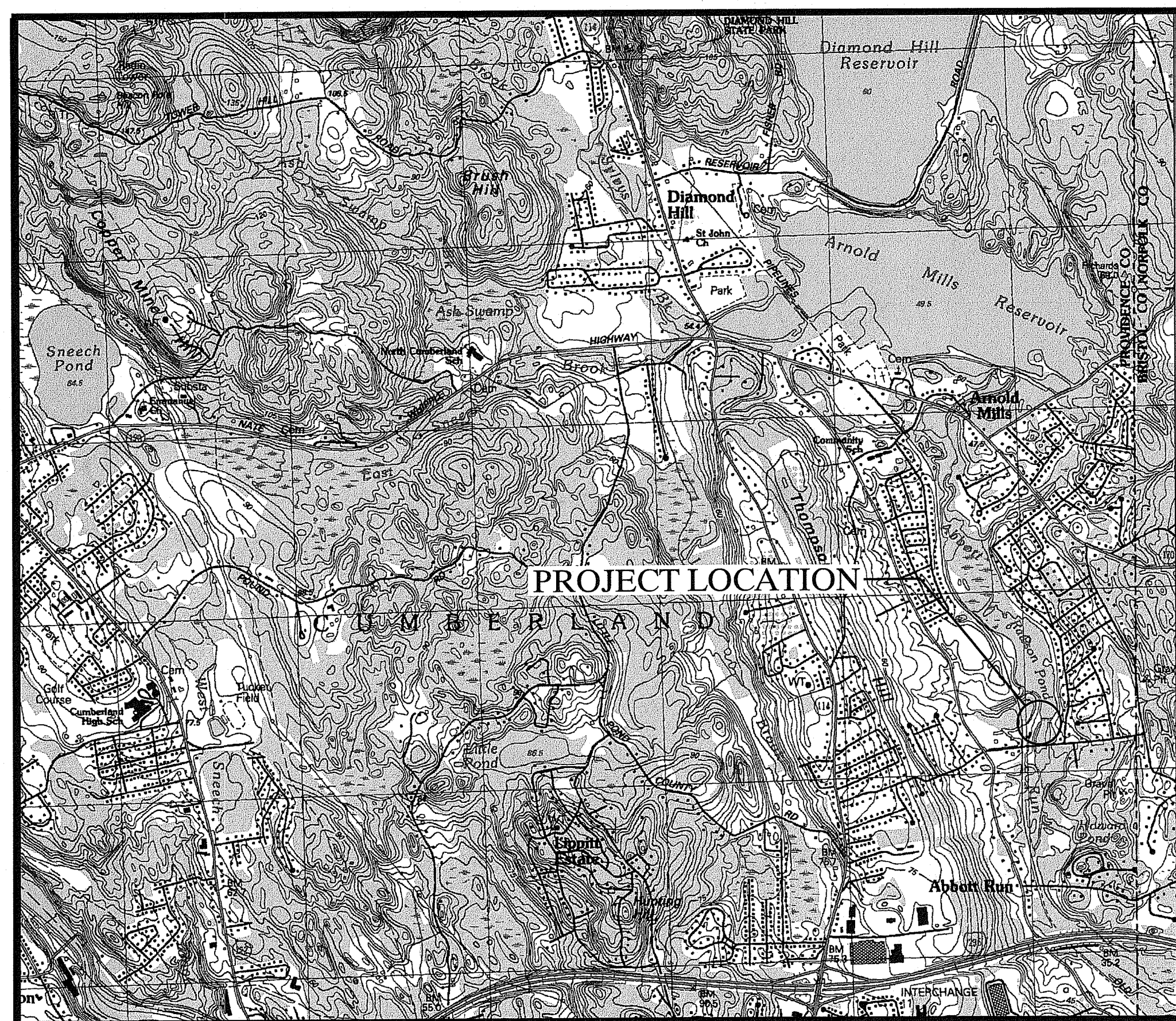
Prepared for The:

# TOWN OF CUMBERLAND, RI RAWSON POND DAM TEMPORARY SPILLWAY REPAIR

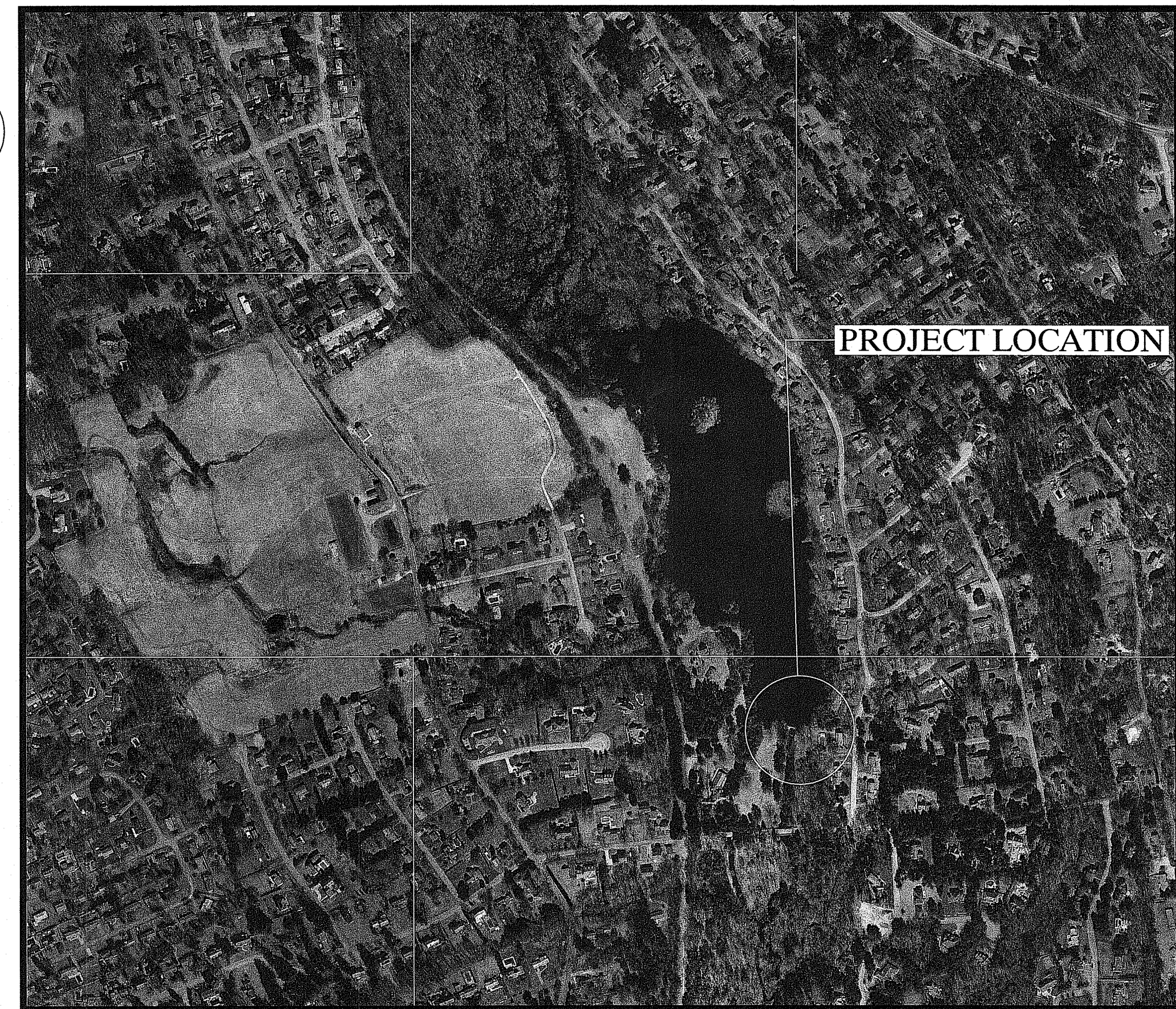
RI DAM #79  
CUMBERLAND, RHODE ISLAND  
JULY 2024

## Drawing Index

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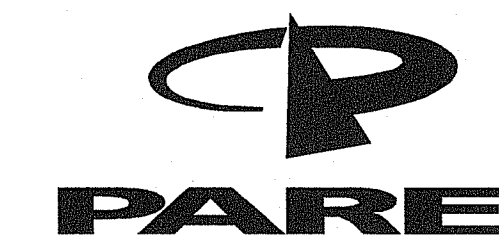
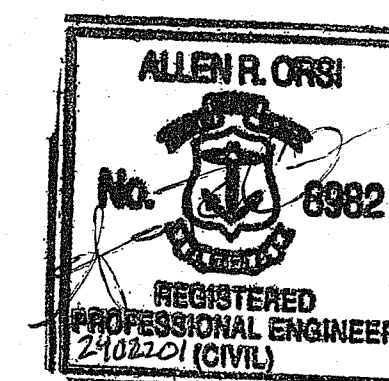
**LOCUS PLAN**  
SCALE: 1" = 2000'



**AERIAL PLAN**  
SCALE: 1" = 500'

Prepared by:

**PARE CORPORATION**



**PARE CORPORATION**  
ENGINEERS - SCIENTISTS - PLANNERS  
8 BLACKSTONE VALLEY PLACE LINCOLN, RI 02865 401-334-4100  
10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 508-543-1755  
24 BOBBA ROAD, SUITE 28 HOLYOKE, MA 01040 413-507-3448

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS  
SPECIFIED IN THE LETTER OF APPROVAL  
DATED: JUL 29 2024 FILE #: 24-0111  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Yartir B. Wemsek*

1:1927.082.5.5 (4-revised) 0005.24\_0001.240222.01\_Cumberland-Rawson Pond Dam\_Temp\_Spillway-RI (DWG) D.G. Cover.dwg

GENERAL NOTES:

- 1. FOR THE PURPOSE OF THIS PROJECT OWNER - TOWN OF CUMBERLAND... ENGINEER - PARE CORPORATION... CONTACT - ALLEN R. ORSI, P.E. 2. ALL CONSTRUCTION INDICATED ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE RHODE ISLAND STATE BUILDING CODE AND THE RIDEM OFFICE OF COMPLIANCE AND INSPECTION "RULES AND REGULATIONS FOR DAM SAFETY". 3. THE PLANS WERE DEVELOPED FROM NOTES AND PICTURES TAKEN DURING FIELD VISITS. TOPOGRAPHY IS BASED UPON AVAILABLE LIDAR CONTOUR DATA FROM RIGIS AND BATHYMETRY IS BASED UPON PHOTOGRAMMETRIC SURVEY COMPLETED BY PARE CORPORATION IN FEBRUARY OF 2024 WITH APPROXIMATE CORRELATIONS TO NAVD83 ELEVATION AND MASS STATE PLANE COORDINATES. INFORMATION IS PROVIDED FOR GENERAL SITE CHARACTER ONLY; DEVIATIONS ARE LIKELY TO EXIST. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONDITIONS. DRAWINGS FROM PREVIOUS WORK ARE PROVIDED FOR REFERENCE ONLY, AND ARE NOT CONSIDERED "AS-BUILT" DRAWINGS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS. 5. 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. 6. INFORMATION REGARDING THE LOCATION OF SURROUNDING STRUCTURES, UTILITIES, AND THE AS-BUILT CONFIGURATION AND CONDITION OF THE EXISTING DAM AND SPILLWAY IS FURNISHED SOLELY FOR THE CONVENIENCE OF THE CONTRACTOR AND SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL CONDUCT ITS OWN INDEPENDENT EXAMINATION OF SITE CONDITIONS FOR THE PURPOSE OF BEDDING, FABRICATION, AND CONSTRUCTION ASSOCIATED WITH THE PROJECT. ANY RELIANCE UPON INFORMATION MADE AVAILABLE BY THE OWNER OR THE ENGINEER SHALL BE AT THE CONTRACTOR'S RISK. 7. ELEVATIONS REFERENCE THE CENTER OF THE EXISTING LEFT ABUTMENT CONCRETE PAD EL 115.02' (NAVDS). 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLITION AND EXCESS MATERIAL IN ACCORDANCE WITH RHODE ISLAND, LOCAL, AND FEDERAL LAWS. 9. 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. 10. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF ALL PERMITS FOR THE WORK. THE CONTRACTOR SHALL COORDINATE SCHEDULE WITH THE OWNER AND ANTICIPATED PERMIT ISSUE DATES. 11. THE CONTRACTOR SHALL FOLLOW ALL OSHA AND OTHER APPLICABLE FEDERAL, STATE, AND LOCAL STANDARDS FOR ALL PROJECT COMPONENTS AND ACTIVITIES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SITE SAFETY PROCEDURES AND PRACTICES REGARDLESS OF THE PRESENCE OF THE OWNER OR ENGINEER. 12. ALL CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE LIMITS OF WORK AND TEMPORARY EASEMENTS DEFINED HEREIN. 13. WHERE REFERENCE IS MADE TO ANY STANDARD SPECIFICATION, IT SHALL MEAN THE MOST RECENT SPECIFICATION, CODE, STANDARD, OR INTERIM SPECIFICATIONS OF THE ORGANIZATION REFERRED TO AND SHALL BE CONSIDERED A PART OF THESE CONTRACT DOCUMENTS TO THE EXTENT INDICATED. IN CASE OF CONFLICT, THE MORE RIGID REQUIREMENTS AND CODES SHALL GOVERN. THESE CODES INCLUDE, BUT ARE NOT LIMITED TO: AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM). 14. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE TO THE OWNER WITHIN 3 DAYS OF THE PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL UPDATE THEIR SCHEDULE AS NEEDED AND AS REQUESTED BY THE OWNER THROUGHOUT THE COURSE OF WORK. 15. THE CONTRACTOR SHALL STAGE ALL EQUIPMENT IN THE DESIGNATED STAGING AREAS. ALL GREASING AND REFUELING ACTIVITIES SHALL OCCUR IN THE STAGING AREA. 16. 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. 17. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL 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. 18. UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE DRESSED AND SEEDED WITH SLOPE OR PLOT MIX AND MAINTAINED 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 DEVELOPED. 19. THE CONTRACTOR SHALL ATTEND ALL PROGRESS MEETINGS. 20. THE CONTRACTOR SHALL STOCKPILE ALL MATERIAL WITHIN THE DESIGNATED STOCKPILE AREA. THE CONTRACTOR SHALL PROVIDE TARPS, COVERS, AND OTHER MEASURES TO PROTECT STOCKPILES FROM BECOMING SATURATED, FROZEN, OR OTHERWISE UNSUITABLE FOR REUSE. 21. ITEMS NOTED AS BEING ON "HOLD" SHALL BE INCLUDED IN THE WORK AS SHOWN, HOWEVER, NO DETAILING, FABRICATION OR CONSTRUCTION SHALL BE EXECUTED UNTIL THE "HOLD" REFERENCE IS REMOVED.

DIVERSION NOTES:

- 1. THE CONTRACTOR SHALL MAINTAIN FLOW THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY SOIL OR OTHER MATERIAL FROM ENTERING THE DISCHARGE CHANNEL OR IMPOUNDMENT. 2. THE CONTRACTOR SHALL NOT PERFORM ANY DRAW DOWN OF THE IMPOUNDMENT UNLESS THEY HAVE RECEIVED WRITTEN PERMISSION FROM THE OWNER OR MUST EXECUTE EMERGENCY PROCEDURES OUTLINED IN THE CONSTRUCTION FLOOD CONTINGENCY PLAN. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOSS AND DAMAGE DUE TO A FAILURE OF ANY COFFERDAMS OR DIVERSION STRUCTURES CONSTRUCTED DURING THE WORK. 4. THE CONTRACTOR SHALL PHASE CONSTRUCTION SO THAT CONSTRUCTION EQUIPMENT DOES NOT PASS THROUGH FLOWING WATER. 5. WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY UTILIZE WATER WITHDRAWALS FROM RAWSON POND AND/OR ABBOT RUN BROOK FOR THE PURPOSES OF LOAM AND SEED OPERATIONS AND MAINTENANCE, DUST CONTROL, AND EARTHWORK OPERATION. SUCH WATER SHALL NOT BE USED FOR THE FOLLOWING BUT NOT LIMITED TO, MIXING OF CEMENTITIOUS MATERIALS, EQUIPMENT WASH DOWN, MAINTENANCE (E.G. CONCRETE WASHOUT, EXTERIOR CLEANING, OR TRACK WASH DOWN), OR FOR WASHING STONE OR STRIPPED MATERIALS. 6. THE CONTRACTOR SHALL INSTALL THE PROPOSED DIVERSION IN THE FOLLOWING SEQUENCE: 6.1. PLACE THE BOTTOM LAYER OF BULK BAGS AND INSTALL THE RIPRAP BUTTRESS UP TO THE TOP OF THE BOTTOM LAYER OF BULK BAGS. ALLOW THE IMPOUNDMENT TO FILL TO THE TOP OF THE BOTTOM LAYER OF BULK BAGS. ALLOW NORMAL FLOWS TO THE DOWNSTREAM AREA TO RESUME. 6.2. INSTALL THE SECOND LAYER OF BULK BAGS AND INSTALL THE RIPRAP BUTTRESS UP TO THE TOP OF THE SECOND LAYER OF BULK BAGS. ALLOW THE IMPOUNDMENT TO FILL TO THE TOP OF THE SECOND LAYER OF BULK BAGS. ALLOW NORMAL FLOWS TO THE DOWNSTREAM AREA TO RESUME. 6.2.1. DURING THE INSTALLATION OF THE SECOND LAYER OF BULK BAGS, INSTALL THE BYPASS PIPE AND VALVE ATOP THE FIRST LAYER OF BULK BAGS PENDING COORDINATION WITH THE PAWTUCKET WATER SUPPLY BOARD. 6.3. INSTALL THE REMAINING LAYERS OF BULK BAGS IN THE SAME MANNER (INSTALL LAYER OF BULK BAGS, INSTALL RIPRAP BUTTRESS TO TOP OF BULK BAGS, ALLOW IMPOUNDMENT TO FILL TO TOP OF BULK BAGS, ALLOW NORMAL FLOWS TO DOWNSTREAM AREA TO RESUME). 6.4. INSTALL THE LINER.

EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT. 2. THE CONTRACTOR SHALL PREVENT SEDIMENT FROM ENTERING THE IMPOUNDMENT, DOWNSTREAM CHANNELS, OR RESOURCE AREAS. 3. NO WORK OR DISCHARGES, OTHER THAN THAT SHOWN, SHALL BE PERFORMED WITHIN THE WETLANDS AREA WITHOUT FIRST RECEIVING PROPER PERMITS FROM THE REGULATORY AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, RESTORING, AND REPAIRING ALL DAMAGE AS A RESULT OF UNAUTHORIZED WORK OR DISCHARGES TO THE WETLAND AREA AT NO ADDITIONAL COST. 4. UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE DRESSED AND SEEDED WITH APPROPRIATE GRASS PLOT OR SLOPE MIX. 5. STOCKPILES SHALL BE LIMITED TO THE DESIGNATED STOCKPILE AREAS SHOWN ON THE PLAN SET. 6. THE EROSION CONTROL BARRIERS BOARDING WETLANDS SHALL CONSIST OF FILTER SOCK AS SHOWN ON THE DRAWINGS. 7. EROSION CONTROL BARRIERS SHALL BE MODIFIED OR EXPANDED AS FIELD CONDITIONS WARRANT. 8. ALL EROSION CONTROL BARRIERS SHALL BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER EACH PRECIPITATION EVENT OF 0.5 INCH OR GREATER. 9. ANY DAMAGED AREAS SHALL BE REPAIRED WITHIN 24 HOURS OF DISCOVERY. 10. DEWATERING BASINS SHALL CONSIST OF STRAW BALE ENCLOSURES, TANKS, PERMEABLE BLADDERS, OR OTHER APPROPRIATE METHOD. DEWATERING WASTE WATERS SHALL BE PUMPED TO THE DEWATERING BASINS AND TREATED PRIOR TO DISCHARGE. 11. DISCHARGE OF TURBID WATER TO RAWSON POND, ABBOT RUN BROOK, OR ANY WETLAND IS PROHIBITED. 12. UPON COMPLETION OF GRADING, ALL EXPOSED SURFACES NOT OTHERWISE TO BE TREATED SHALL BE COVERED WITH A MINIMUM OF 8" OF LOAM AND SEEDED. MULCH SHALL BE APPLIED AS NECESSARY TO PROVIDE TEMPORARY STABILIZATION UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.

BULKBAG NOTES:

- 1. BULK BAGS SHALL BE MUTUAL INDUSTRIES INC. #14891-0-5 BULK BAGS (SPECIFICATION NO. 6B46SX) OR ENGINEER APPROVED EQUIVALENT. 2. BULK BAG MATERIAL SHALL BE UV TREATED WOVEN POLYPROPYLENE DESIGNED FOR USE IN WATERWAYS. 3. BULK BAGS SHALL BE FILLED WITH BANK RUN SAND AND GRAVEL.

RIPRAP AND BEDDING NOTES:

- 1. RIPRAP AND BEDDING IS TO MEET QUALITY REQUIREMENTS OF SUBSECTION M.10.03 OF THE RIDOT STANDARD SPECIFICATIONS. 2. STONE MEETING GRADATION R-9 OF THE RIDOT STANDARD SPECIFICATIONS IS TO BE USED WHERE RIPRAP IS SHOWN ON THE PLANS. 3. STONE MEETING GRADATION R-4 OF THE RIDOT STANDARD SPECIFICATIONS IS TO BE USED WHERE BEDDING IS SHOWN ON THE PLANS.

TEMPORARY BYPASS NOTES:

- 1. THE NECESSITY AND SIZE OF THE BYPASS PIPE SHALL BE DETERMINED FOLLOWING COORDINATION WITH THE PAWTUCKET WATER SUPPLY BOARD TO ENSURE SUFFICIENT BASEFLOWS TO MEET WATER SUPPLY NEEDS ARE MAINTAINED DURING THE REFILLING OF RAWSON POND. 2. THE BYPASS PIPE SHALL CONSIST OF A CORRUGATED HIGH DENSITY POLYETHYLENE PIPE. 3. THE BYPASS PIPE SHALL BE ADVANCED DRAINAGE SYSTEMS, INC. N-12 ST 18 HIGH DENSITY POLYETHYLENE PIPE OR ENGINEER APPROVED EQUIVALENT. 4. THE VALVE FOR THE BYPASS PIPE IS TO BE AN INLINE RESILIENT WEDGE GATE VALVE (OR ENGINEER APPROVED EQUIVALENT) INSTALLED WITHIN THE LIMITS OF THE RIPRAP SCOUR PAD AND DESIGNED TO BE EASILY OPERABLE DURING NORMAL FLOW CONDITIONS. 5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE BYPASS PIPE IS NOT DAMAGED DURING SUBSEQUENT CONSTRUCTION OF COFFERDAM. 6. THE BYPASS PIPE SHALL BE OPERATED AS NECESSARY DURING CONSTRUCTION TO MEET PAWTUCKET WATER SUPPLY NEEDS OR AS REQUESTED BY RIDEM.

EXISTING SPILLWAY NOTES:

- 1. CONTRACTOR SHALL PROTECT THE MASONRY CHANNEL WALLS AND GRANITE BLOCK PORTION OF THE FORMER RAWSON POND DAM SPILLWAY FROM INCIDENTAL DAMAGE DURING CONSTRUCTION. 2. CONTRACTOR SHALL LEAVE THE TIMBER DEADMAN ANCHORS FOR THE GRANITE BLOCK PORTION OF THE FORMER RAWSON POND DAM SPILLWAY IN PLACE UNLESS REMOVAL IS REQUIRED FOR ACCESS OR STONE INSTALLATION. STONE SHALL BE PLACED ATOP THE DEADMAN ANCHORS WHERE PRACTICAL TO REINFORCE THE GRANITE BLOCKS.

CONSTRUCTION SEQUENCE:

- THE FOLLOWING SEQUENCE IS INTENDED TO BE GENERAL IN NATURE AND SHALL NOT BE CONSIDERED DIRECTION BY THE ENGINEER OR THE OWNER. ALTHOUGH IT IS LIKELY THAT SOME OF THE WORK ITEMS WILL OVERLAP, CONSTRUCTION SEQUENCES FOR THE VARIOUS PROJECT COMPONENTS ARE DESCRIBED SEPARATELY AND MAY NOT NECESSARILY PROCEED IN CONSECUTIVE ORDER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. 1. MOBILIZE TO THE PROJECT SITE; ESTABLISH SITE ACCESS AND STAGING AREAS; REMOVE AND STORE SITE FEATURES CONFLICTING WITH CONSTRUCTION ACCESS AND PROPOSED FOR RESETTING. 2. INSTALL EROSION CONTROLS. 3. REMOVE ALL TREES NECESSARY FOR THE COMPLETION OF THE PROPOSED WORK. 4. CONSTRUCT NECESSARY SLOPE IMPROVEMENTS TO ALLOW EQUIPMENT ACCESS TO THE SHORELINE FROM THE LEFT ABUTMENT. 5. INSTALL THE RIPRAP WORK PAD ACROSS ABBOT RUN BROOK. 6. INSTALL THE RIPRAP APRON ALONG ABBOT RUN BROOK. 7. DECONSTRUCT THE TIMBER PORTION OF THE FORMER SPILLWAY WORKING FROM ATOP THE RIPRAP APRON. 7.1. THE MASONRY PORTION OF THE FORMER SPILLWAY AND THE MASONRY CHANNEL WALLS ARE TO BE PROTECTED DURING THE REMOVAL OF THE TIMBER PORTION OF THE SPILLWAY. 8. INSTALL THE BULK BAG COFFERDAM IN THE FOLLOWING MANNER: 8.1. PREPARE THE POND BOTTOM ALONG THE ALIGNMENT OF THE COFFERDAM TO RECEIVE THE BULK BAGS. 8.2. INSTALL THE BULK BAGS, RIPRAP BUTTRESS, AND LINER IN ACCORDANCE WITH THE "DIVERSION NOTES" SECTION. 8.2.1. INSTALL THE BYPASS PIPE AND VALVE. 9. RESTORE THE SITE TO ITS PREVIOUS CONDITION AND DEMOBILIZE FROM THE SITE.

LEGEND ISSUED FOR PERMITS

Table with two columns: EXISTING and PROPOSED. It lists various symbols and line styles for features like STATE HIGHWAY LINE, EASEMENT BOUNDARY, 1' CONTOUR, 5' CONTOUR, EDGE OF PAVEMENT, CURBING, EDGE OF GRAVEL, EDGE OF WATER, STONE MASONRY WALL, FENCE, FILTER SOCK, GUARD RAIL, TREELINE, UTILITY POLE, OVERHEAD WIRE, STRAW BALES, SILT FENCE, TURBIDITY BARRIER, and LIMIT OF DISTURBANCE.

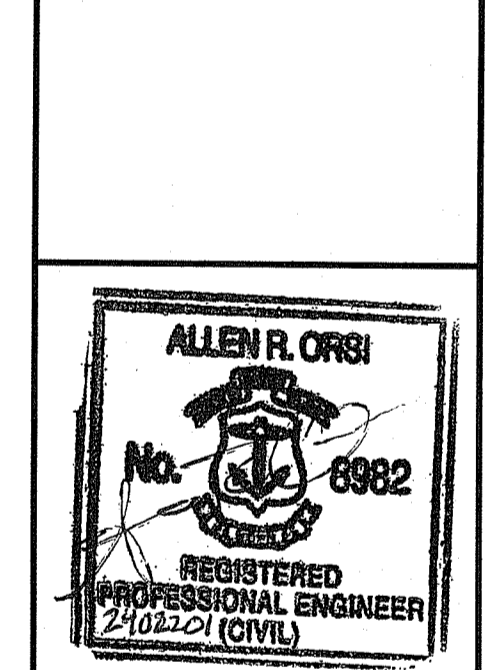
ABBREVIATIONS

Table of abbreviations: CD = COFFER DAM, LOD = LIMIT OF DISTURBANCE, R&D = REMOVE & DISPOSE, SILT = SILT FENCE, STRAW = STRAW BALES, TB = TURBIDITY BARRIER, D/S = DOWNSTREAM, U/S = UP STREAM, EMB = EMBANKMENT, ENG = ENGINEERED, CP = CONTROL POINT, BO = BLOW OFF.



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

Rawson Pond Dam Temporary Spillway Repair RI DAM No. 079 0 Abbot Run Valley Road A.P. 25 / Lot 24 Town of Cumberland, Rhode Island

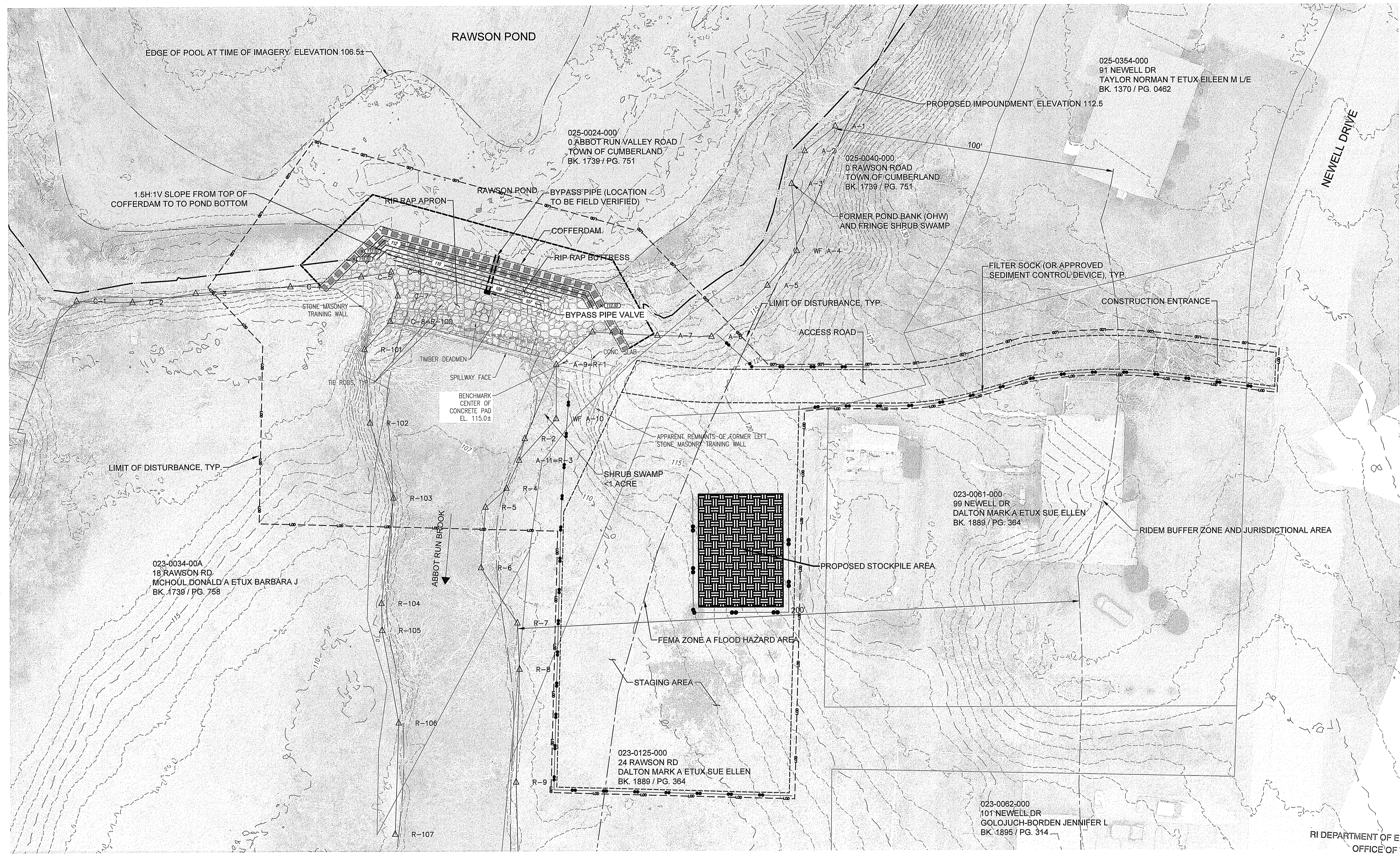
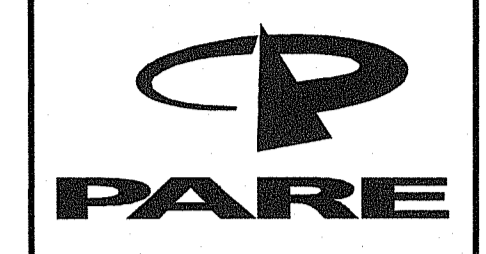


REVISIONS table and PROJECT INFORMATION table. PROJECT NO.: 24022.01, DATE: JULY 2024, SCALE: AS NOTED, DESIGNED BY: ARO, CHECKED BY: ARO, DRAWN BY: LMC, APPROVED BY: ARO, DRAWING TITLE: GENERAL NOTES, DRAWING NO.: 1.0, SHEET NO.: 2 OF 7.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES FRESHWATER WETLANDS PROGRAM APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED: JUL 29 2024 FILE #: 24-0111 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE







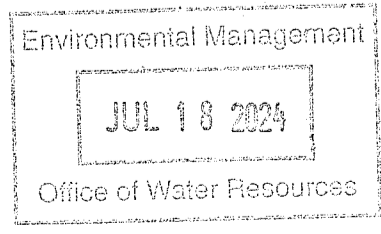
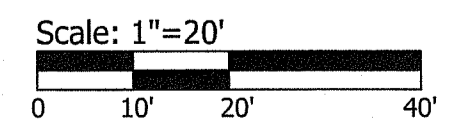
**Rawson Pond Dam  
Temporary Spillway Repair**  
RI DAM No. 079  
0 Abbot Run Valley Road A.P. 25 / Lot 24  
Town of Cumberland, Rhode Island



REVISIONS:

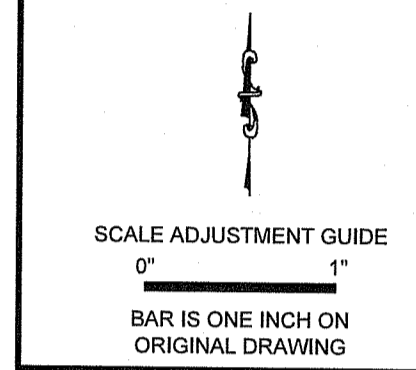

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DRAWN BY: LMC  
APPROVED BY: ARO  
DRAWING TITLE:  
**SITE ACCESS AND  
SEDIMENT CONTROL  
PLAN**  
DRAWING NO.:  
**4.0**  
SHEET NO. 5 OF 7

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
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I:\1824\681514-rawson\RAWSON Dam Plan Repair\01\DWG\14.0 SITE ACCESS AND SEDIMENT CONTROL PLAN.dwg

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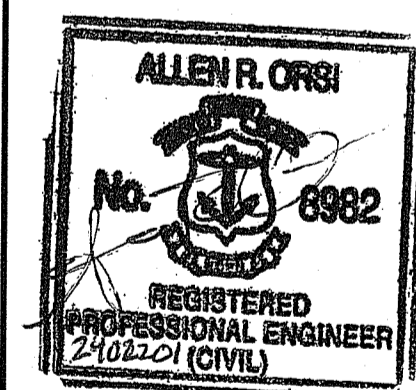


# Rawson Pond Dam Temporary Spillway Repair

RI DAM No. 079

0 Abbot Run Valley Road A.P. 25 / Lot 24

Town of Cumberland, Rhode Island



REVISIONS:

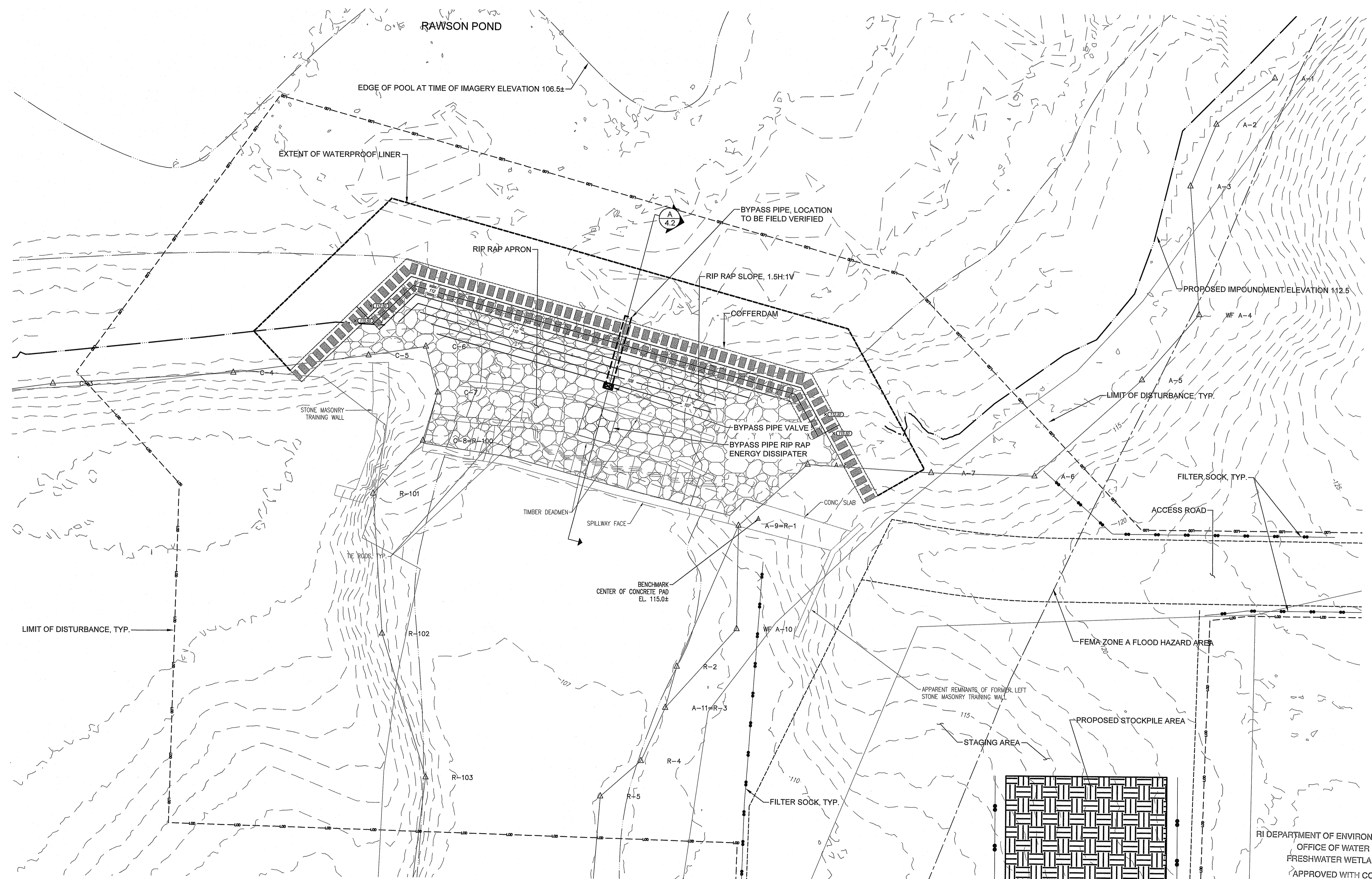
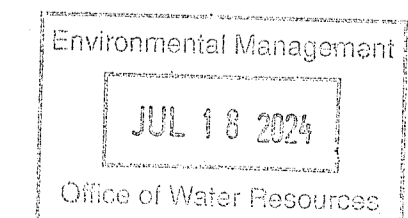
NO.	DESCRIPTION

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 DESIGNED BY: ARO  
 CHECKED BY: ARO  
 DRAWN BY: LMC  
 APPROVED BY: ARO  
 DRAWING TITLE:

PROPOSED SITE PLAN

DRAWING NO.:  
**4.1**

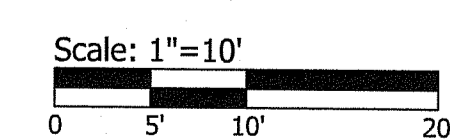
SHEET NO. 6 OF 7



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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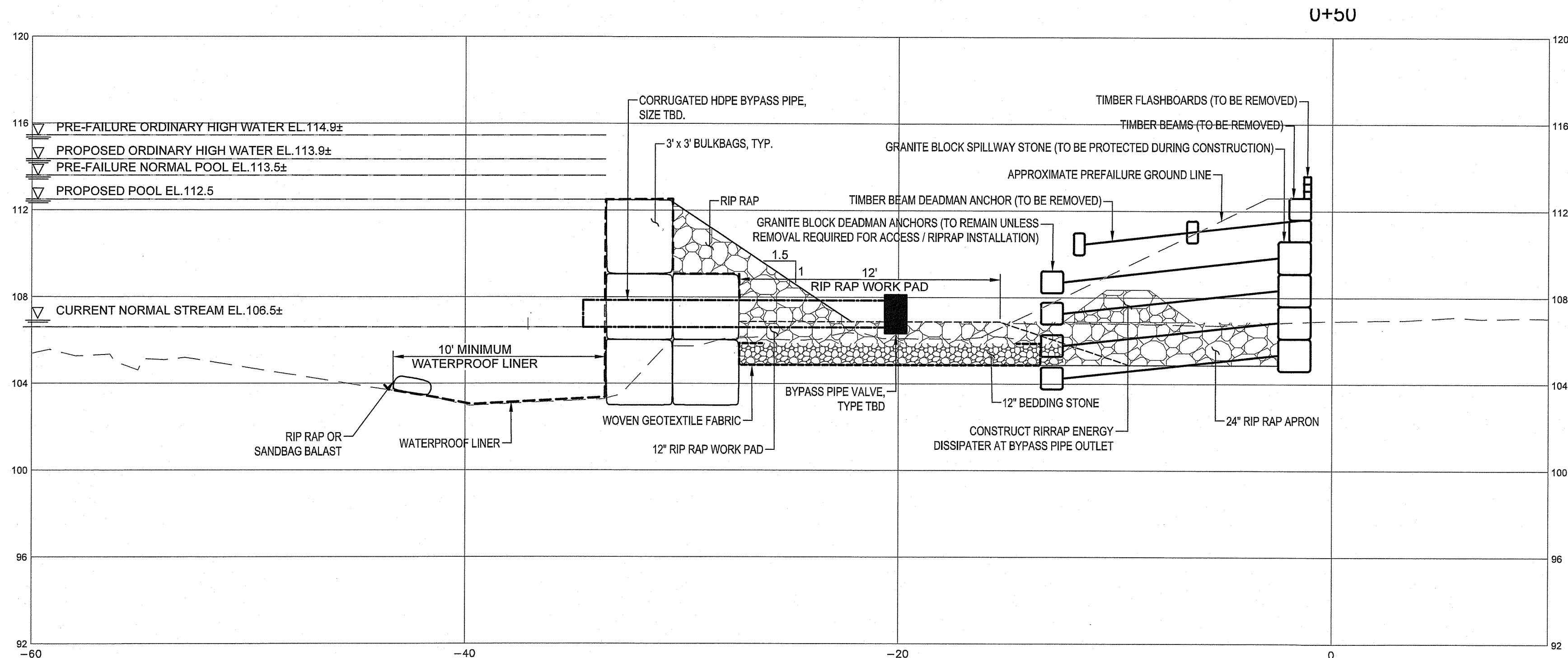
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL. APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

*Allen R. Orsi*



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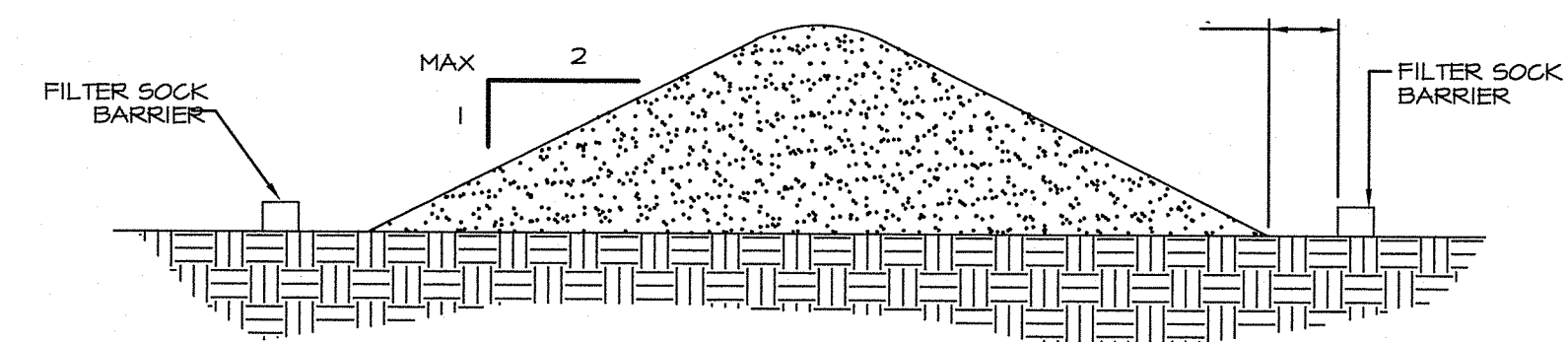
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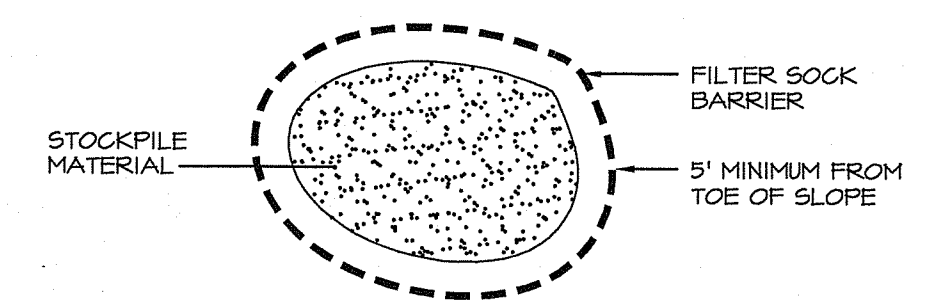
NOTE:  
RIPRAP WORK PAD TO BE INSTALLED FIRST ALONG THE LENGTH OF THE COFFERDAM TO ALLOW VEHICULAR ACCESS TO THE WORK AREA.

SECTION A  
SCALE: 1"=4'

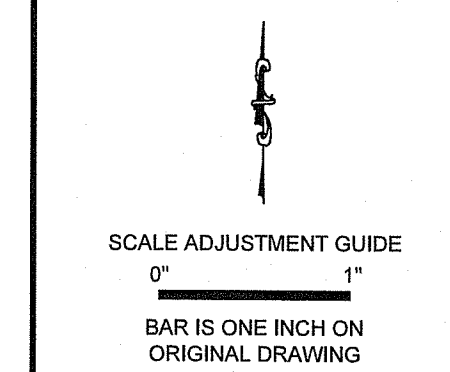
NOTE:  
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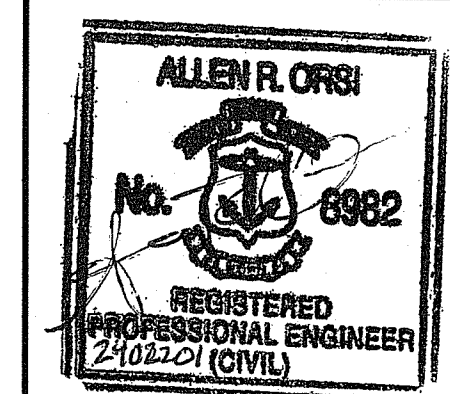
NOTE:  
STOCKPILES SHALL BE STABILIZED AS NECESSARY TO PREVENT EROSION.



STOCKPILE DETAIL  
NOT TO SCALE



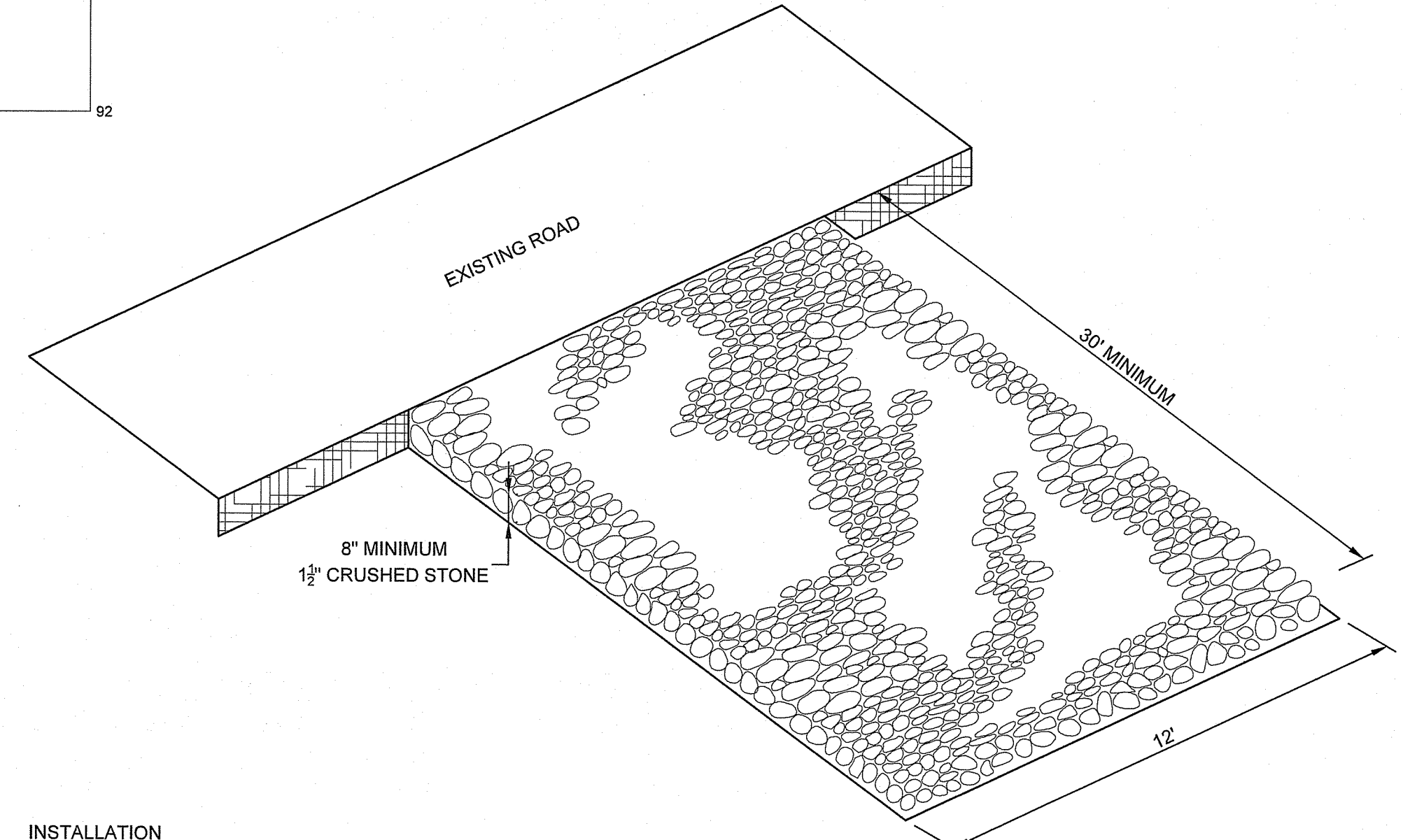
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PROPOSED SECTIONS AND DETAILS  
DRAWING NO.: 4.2  
SHEET NO. 7 OF 7

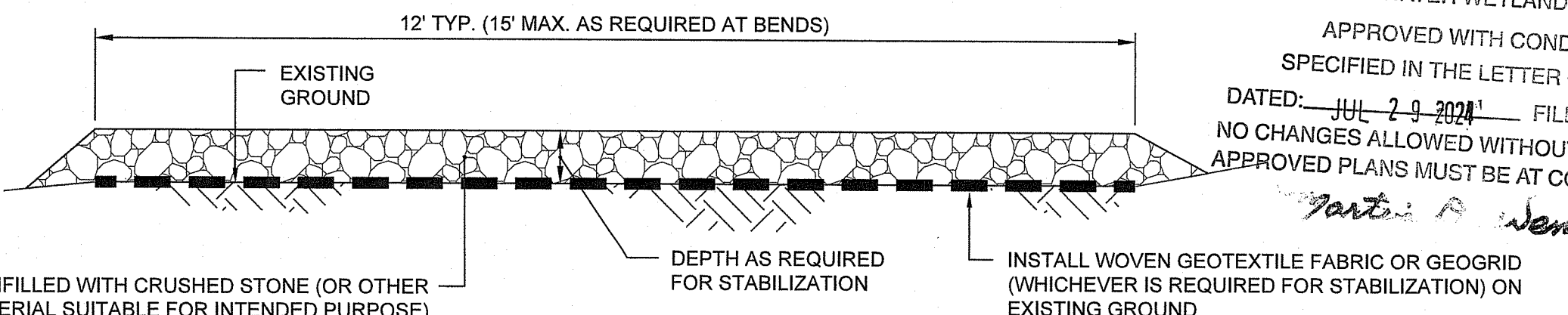


**INSTALLATION**  
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL, THE CRUSHED STONE SHALL BE PLACED TO THE SPECIFIED DIMENSIONS, AS NOTED.

**MAINTENANCE**  
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAYS THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, OR ADDITIONAL LENGTH, AS CONDITIONS DEMAND, AND REPAIR, AND / OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

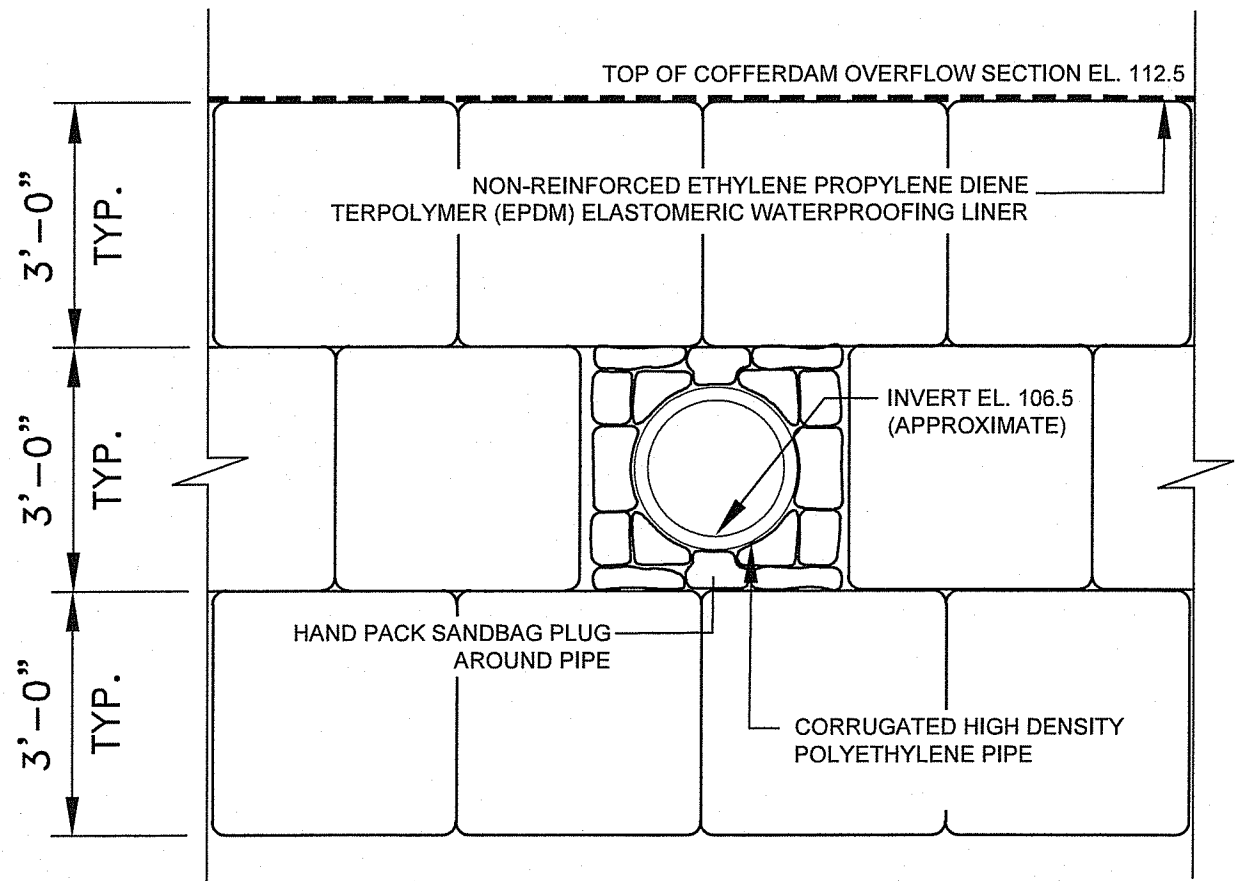
**LOCATION**  
SEE PROJECT PLANS FOR LOCATION OF CONSTRUCTION ENTRANCE.

CONSTRUCTION ENTRANCE PROTECTION STONE STABILIZATION PAD  
NOT TO SCALE

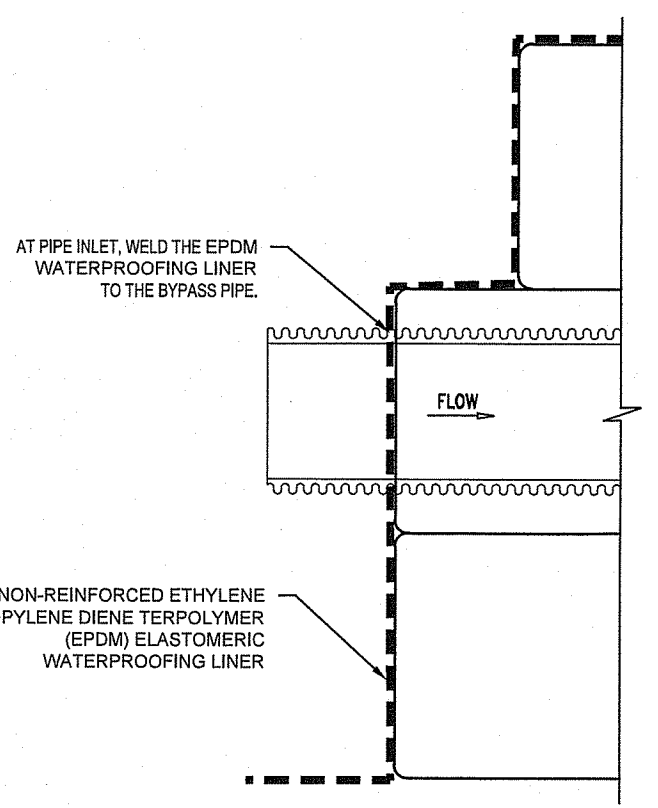


NOTE:  
UPON COMPLETION OF PROJECT, THE SURFACE OF THE ACCESS ROAD SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION THROUGH THE REMOVAL OF THE ACCESS ROAD STABILIZATION MATERIALS. IN AREAS REQUIRING PERMANENT STABILIZATION, THE ACCESS ROAD STABILIZATION MATERIALS SHALL BE LEFT IN PLACE AND TOP DRESSED WITH WOOD CHIPS. LIMITS OF PERMANENT STABILIZATION SHALL BE REVIEWED AT THE COMPLETION OF THE PROJECT AND SUBJECT TO APPROVAL BY THE OWNER AND LOCAL CONSERVATION COMMISSION.

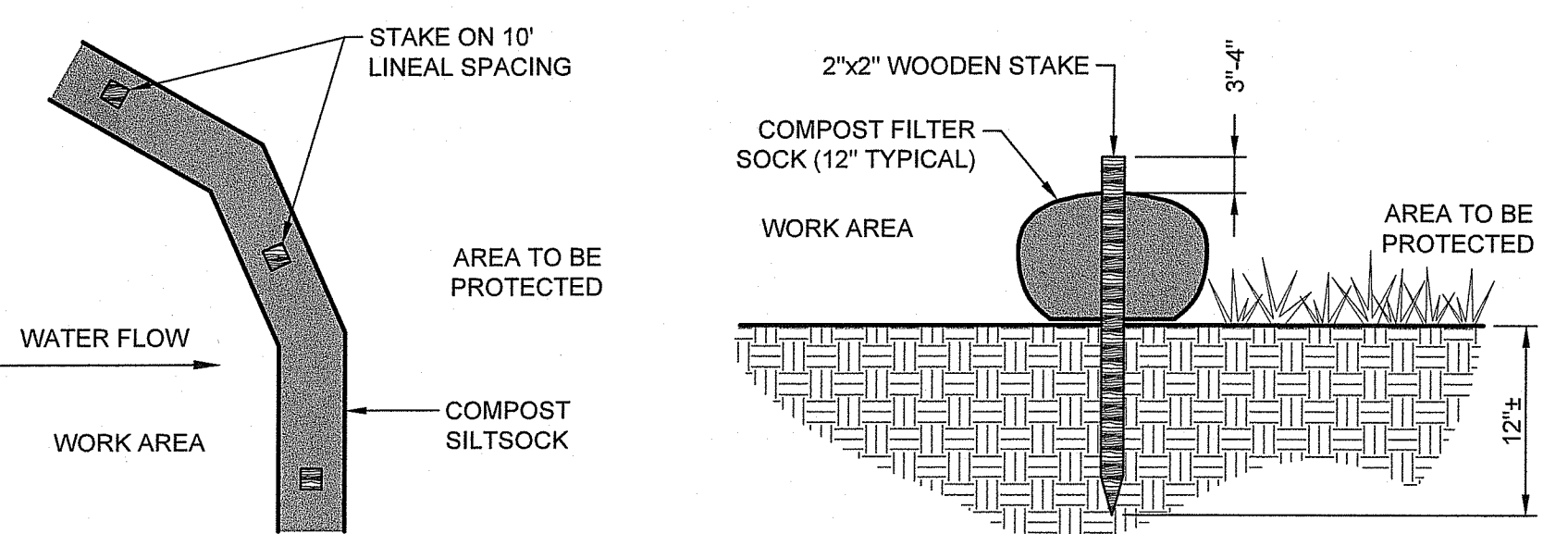
ACCESS ROAD STABILIZATION DETAIL  
NOT TO SCALE



BYPASS PIPE PENETRATION DETAIL  
NOT TO SCALE

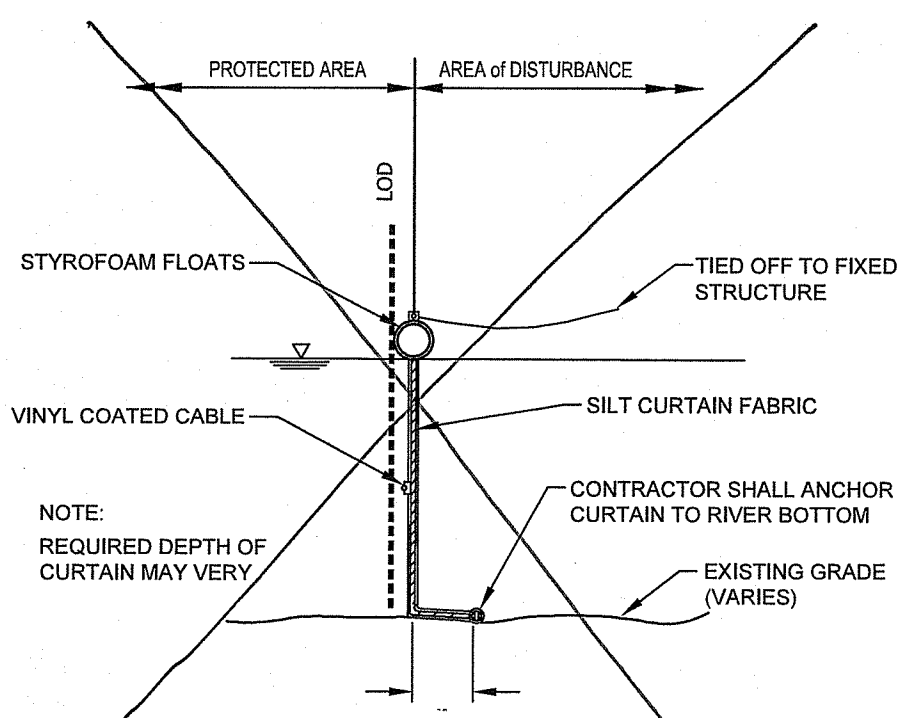


BYPASS PIPE PENETRATION SECTION  
NOT TO SCALE



NOTES:  
1. COMPOST/ SOIL/ ROCK/ SEED FILL TO MEET APPLICATION REQUIREMENTS.  
2. COMPOST MATERIAL TO BE REMOVED OR DISPERSED ON SITE AS DETERMINED BY ENGINEER.

COMPOST FILTER SOCK DETAIL  
NOT TO SCALE



TYPICAL TURBIDITY BARRIER DETAIL  
NOT TO SCALE

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