

# Sheet Index

1. Site Plan
2. Detail Sheet

### General Notes:

1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 40, LOT 4 IN THE TOWN OF BURRILLVILLE, RHODE ISLAND.
2. THE OWNER PER ASSESSOR'S RECORDS IS WALLUM LAKE ROD & GUN CLUB.
3. THE PARCEL IS LOCATED IN ZONE A (1% ANNUAL CHANCE FLOOD ZONE, NO BASE FLOOD ELEVATIONS DETERMINED) PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 44007C00456, DATED MARCH 2, 2009.
4. THE PARCEL IS ZONED F-5 (FARMING/RESIDENTIAL) PER THE ASSESSOR'S ONLINE DATABASE. PLEASE CONTACT THE ZONING DEPARTMENT FOR ANY ADDITIONAL INFORMATION OR FOR A CERTIFICATE OF ZONING.
5. FIELD SURVEY WITH THE EXCEPTION OF "APPROXIMATE" ITEMS PERFORMED BY DIPRETE ENGINEERING ON APRIL 24, 2015. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THAT DATE.
6. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEY OBSERVATIONS ONLY TOGETHER WITH EXISTING PLANS BY OTHERS. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR MISSING UNDERGROUND UTILITIES, EITHER IN SERVICE OR ABANDONED, NOT OBSERVED AT THE TIME OF THE SURVEY. (PLEASE CONTACT DIGSAFE 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 1-888-344-7233).
7. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR ANY UNKNOWN OR UNRECORDED EASEMENTS, DEEDS OR CLAIMS THAT A TITLE REPORT WOULD DISCLOSE.
8. THE PLAN IS SUBSTANTIALLY CORRECT IN ACCORDANCE WITH A CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND BOARD OF REGISTRATION OF LAND SURVEYORS, AS APPROPRIATE.

### Grading and Utility Notes:

1. CONSTRUCTION TO COMMENCE FALL OF 2015 OR UPON RECEIPT OF ALL NECESSARY APPROVALS. CONSTRUCTION TO OCCUR DURING RIDE DESIGNATED DRY SEASON (DETERMINED ON A YEARLY BASIS BY THE DIRECTOR).
2. SEQUENCE OF CONSTRUCTION SHOWN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH PRIOR APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR IS TO NOTIFY DIGSAFE 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
5. ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE SITE SPECIFICATIONS, RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND TOWN OF BURRILLVILLE STANDARD SPECIFICATIONS AND DETAILS.
6. ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY.
7. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
8. DIPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
9. NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
10. ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
11. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS SHALL BE GROUND ON SITE OR REMOVED.
12. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF ITEMS NOTED ON PLANS. THE EXISTING CONDITIONS SHOWN ON THE PLAN ARE ASSUMED BASED ON VISIBLE INSPECTIONS, FIELD SURVEY, AND ORIGINAL DESIGN DRAWINGS. CONTRACTOR SHALL CARRY CONTINGENCY IN PRICING FOR DIFFERENCES IN CONDITIONS SHOWN, INCLUDING BUT NOT LIMITED TO:
  - DISCOVERY OF ABANDONED STRUCTURES OR FOOTINGS
  - DISCOVERY OF ABANDONED OR ACTIVE UTILITIES

### Layout and Materials:

1. ALL EQUIPMENT OR MATERIALS TO BE "AS SPECIFIED" OR APPROVED EQUAL. ANY CHANGES FROM SPECIFIED EQUIPMENT OR MATERIALS REQUIRED TO BE APPROVED BY ENGINEER IN WRITING.
2. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE SITE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
3. ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
4. SITE CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

### Demolition Notes:

1. THE LIMIT OF UTILITY DEMOLITION SHALL BE THE PROPERTY LINE UNLESS SPECIFICALLY CALLED OUT AS "LOD" OR "LIMIT OF DISTURBANCE" ON THE PLANS.
2. SITE CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. SITE CONTRACTOR TO PERFORM DAILY SWEEPING AS NEEDED AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS.
4. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS IN AN UPLAND LOCATION ON SITE AS DIRECTED BY THE OWNER. R&D MATERIALS TO INCLUDE BUT NOT LIMITED TO GRAVEL STRUCTURES TO BE DEMOLISHED, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
5. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE SITE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK SHALL BE RESTORED TO ORIGINAL CONDITION.
6. CONTRACTOR TO REVIEW THE LIMIT OF WORK IN THE FIELD PRIOR TO CLEARING ANY VEGETATION REVIEW WITH THE SITE ENGINEER.
7. THE SITE CONTRACTOR SHALL KEEP ADJOINING STREETS AND PROPERTIES FREE OF DEBRIS RESULTING FROM THE DEMOLITION AND SHALL BROOM AND/OR WATER CLEAN ON A DAILY BASIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
8. HOURS OF CONSTRUCTION OPERATIONS ARE TO BE PER LOCAL ORDINANCES AND AS APPROVED BY THE OWNER.
9. THE SITE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL EXISTING SITE FEATURES TO REMAIN. ANY DAMAGE TO SAID FEATURES SHALL BE REPAIRED OR REPLACED AT THE OWNER'S DISCRETION AND AT THE SITE CONTRACTOR'S EXPENSE.
10. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO EXCAVATION, THE SITE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND/OR ALL LOCAL, STATE AND FEDERAL AGENCIES WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE SITE CONTRACTOR.
11. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DUMPED MATERIALS FROM THE PROJECT (INCLUDING BUT NOT LIMITED TO GARBAGE, TRASH AND LIKE MATERIAL) AND THE PROPER DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
12. THE SITE CONTRACTOR SHALL NOT REMOVE ANY ITEMS WITHIN THE STREET INCLUDING BUT NOT LIMITED TO SIGNAGE, UTILITY POLES, UTILITIES FEEDING OTHER SITES, FENCING, ETC.
13. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING UTILITIES TO REMAIN AND PROTECTING SAME AGAINST DAMAGE DURING DEMOLITION OPERATIONS. THE SITE CONTRACTOR IS RESPONSIBLE FOR ALL REPLACEMENT AND COORDINATION COSTS ASSOCIATED WITH ANY DAMAGE TO EXISTING ACTIVE UTILITIES.
14. THE SITE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL TEMPORARY BARRICADES, FENCES, COVERINGS, ENCLOSURES, SIGNS AND LIGHTING AS MAY BE REQUIRED TO CARRY ON DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
15. WHILE DEMOLITION AND CONSTRUCTION ARE BEING PERFORMED, THE SITE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS PERTAINING TO HAULING/DISPOSAL OF DEMOLITION DEBRIS AND PUBLIC SAFETY.
16. THE SITE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE DEMOLITION WORK INDICATED ON THESE PLANS.

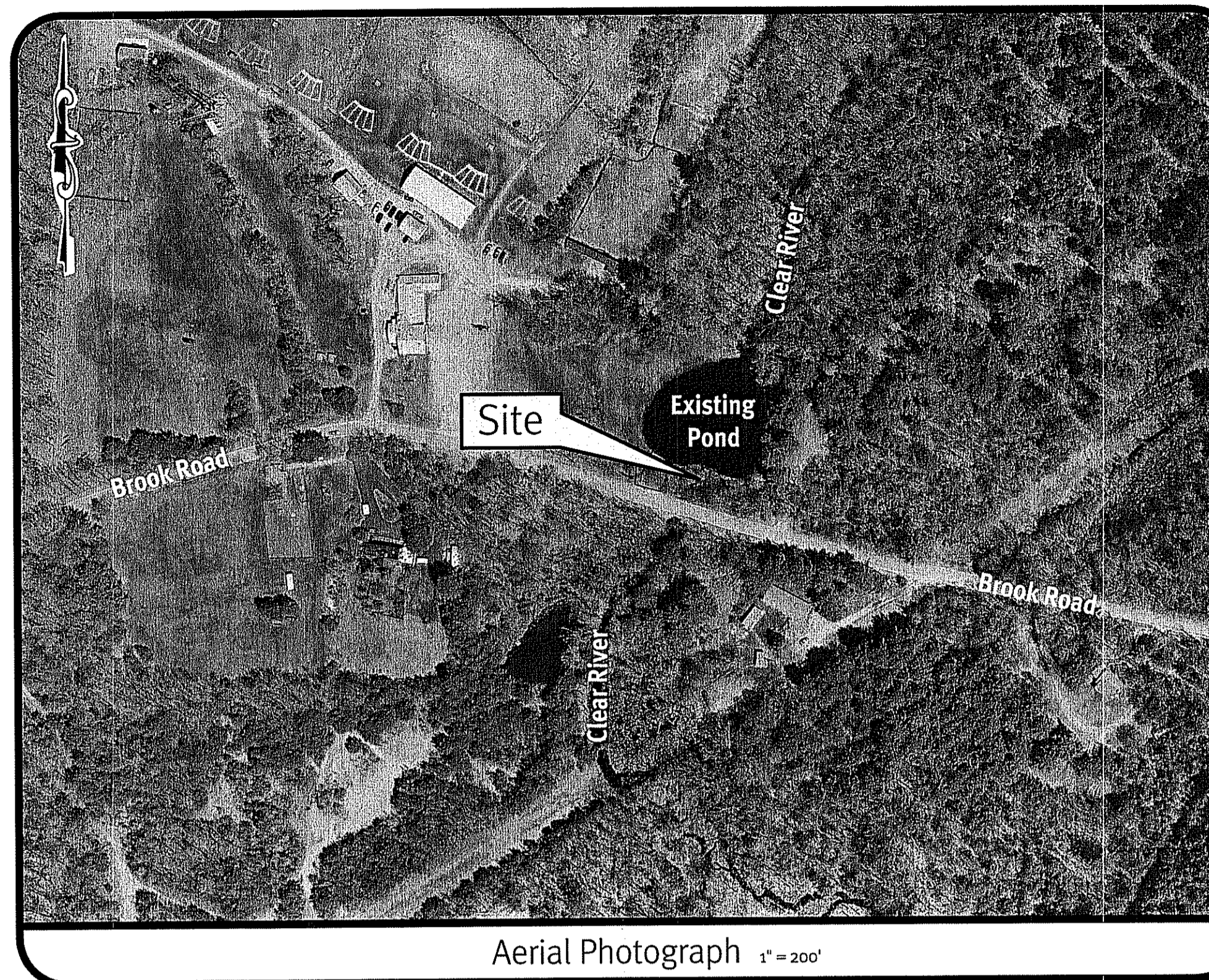
### Erosion Control Notes:

1. THE SITE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE. THE SITE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER AT LEAST 5 DAYS PRIOR TO THE START OF CONSTRUCTION.
2. THE SITE CONTRACTOR SHALL PLACE EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
3. STOCKPILE AND CONCRETE WASHOUT LOCATIONS TO BE DETERMINED BY CIVIL ENGINEER AND SITE CONTRACTOR PRIOR TO CONSTRUCTION. NO STOCKPILING OF MATERIAL TO BE LOCATED IN RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE AS DIRECTED BY THE OWNER.
4. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST THAT MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE, AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY. DUST CONTROL TREATMENTS SHALL BE CONSISTENT WITH RIDEM BEST MANAGEMENT PRACTICES.
5. IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

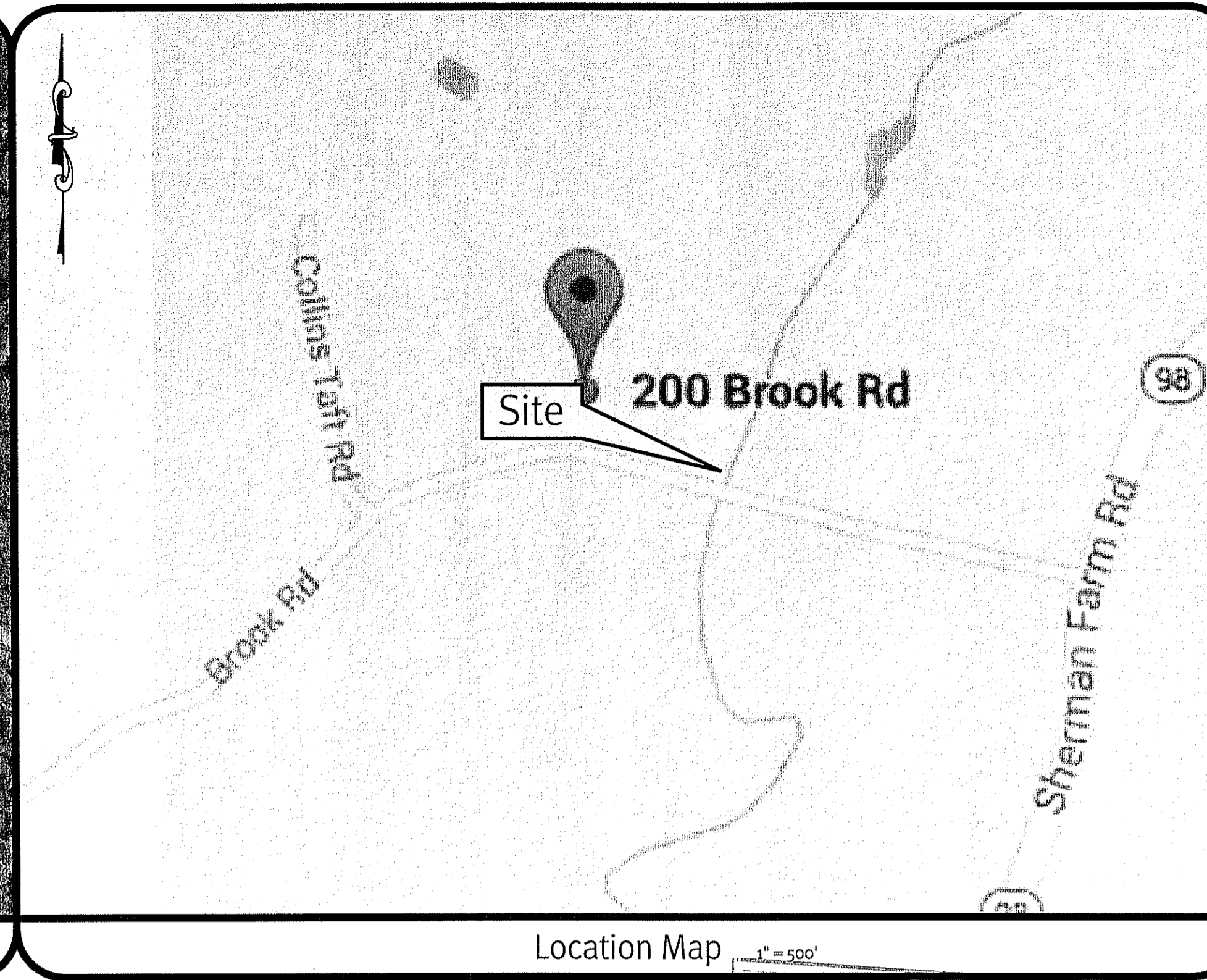
### Legend/Abbreviations

NOTE: LEGEND ITEMS ARE STANDARD AND DO NOT APPEAR ON EVERY SHEET.

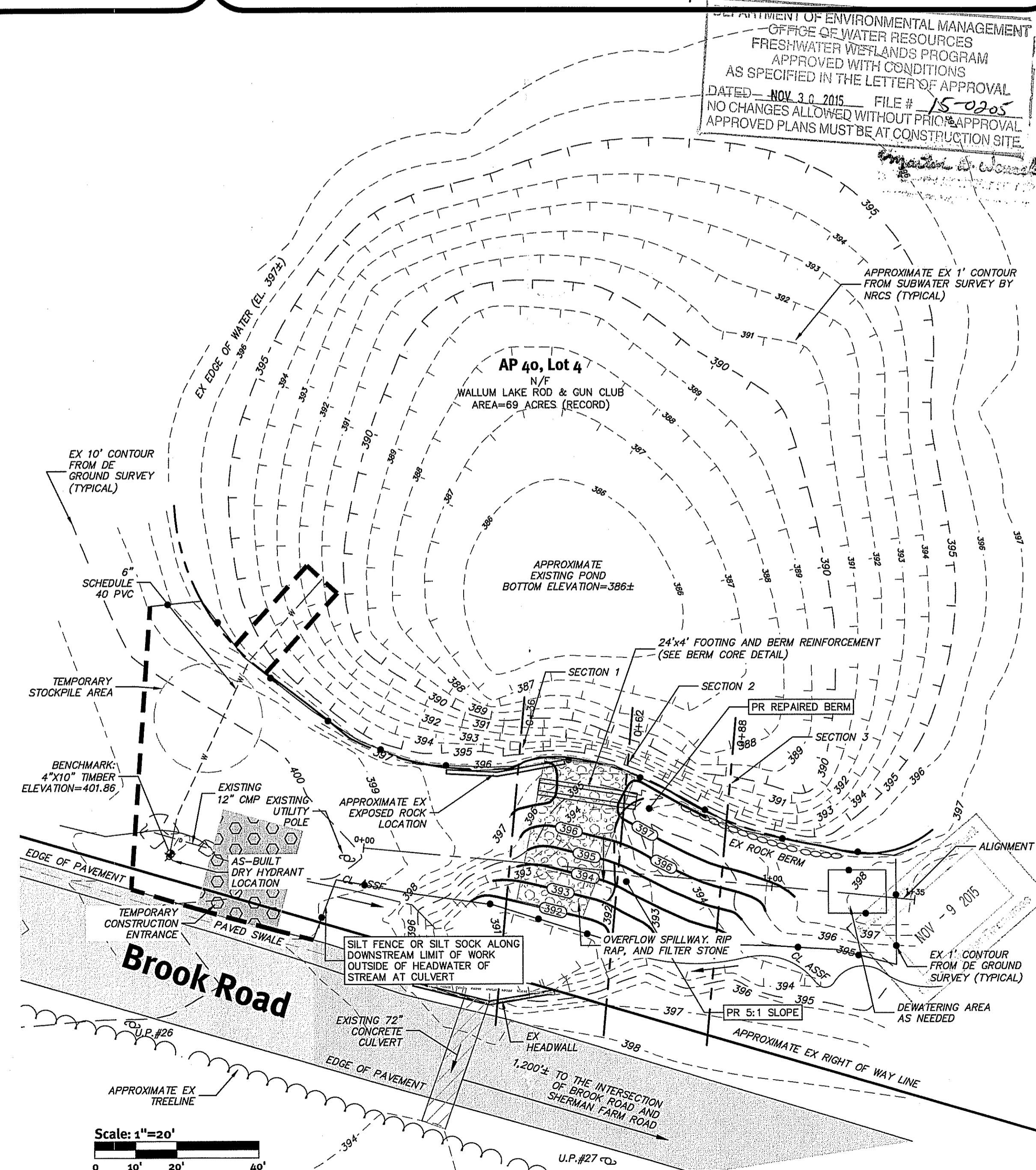
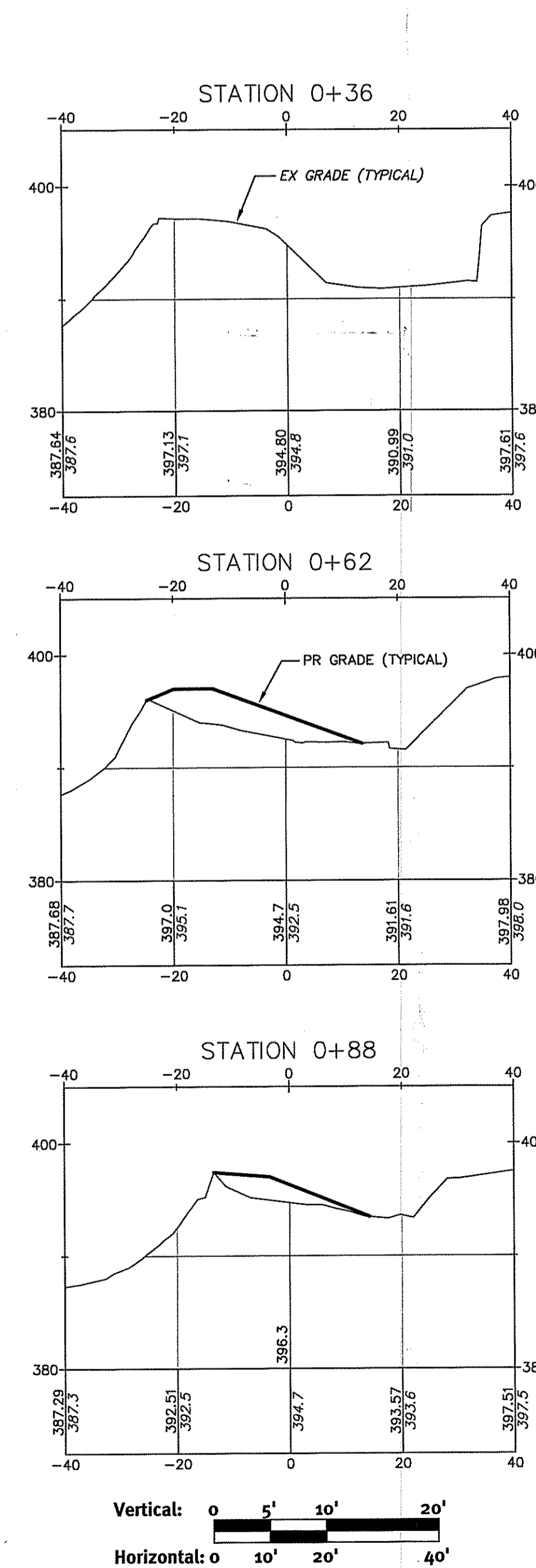
	ASPHALT
	EXISTING BERM TO BE RECONSTRUCTED (SEE DETAIL/CROSS SECTION)
	ASSESSOR'S PLAT
	NOW OR FORMERLY
	ABUTTER'S LINE
	PROPERTY LINE
	TREELINE
	RETAINING WALL
	STONE WALL
	DRAIN FLOW ARROW
	EDGE OF WATER
	CENTERLINE STREAM
	AREA SUBJECT TO STORM FLOWAGE (ASSF)
	EXISTING
	PROPOSED
	ASSESSOR'S PLAT
	NOW OR FORMERLY
	NATURAL RESOURCES CONSERVATION SERVICE
	LIMIT OF WORK



Aerial Photograph 1" = 200'



Location Map 1" = 500'



**Diprete Engineering**  
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 Tel: 401-943-1000 Fax: 401-943-6006 www.diprete-eng.com  
 Boston • Providence • Newport

KEVIN C. MORIN  
 No. 7051  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a Diprete Engineering representative.  
 The contractor is responsible for all of the means, methods, safety, precautions and requirements, and OSHA compliance in the implementation of this plan and design.

1	10/22/2015	DESIGN SUBMISSION	AP 40, Lot 4	Design By: KJD
2	09/15/15	PERMIT SUBMISSION	AP 40, Lot 4	
3	07/15/15	DESCRIPTION	AP 40, Lot 4	

**Site Plan**  
**Brook Road #200**  
 Assessor's Plat 40 Lot 4  
 Burrillville, Rhode Island  
**Wallum Lake Rod & Gun Club**  
 Applicant  
 200 Brook Road, Burrillville, Rhode Island 02830  
 DE Job No. 2284-001. Copyright: 2015 by Diprete Engineering Associates, Inc.  
 SHEET 1 OF 2

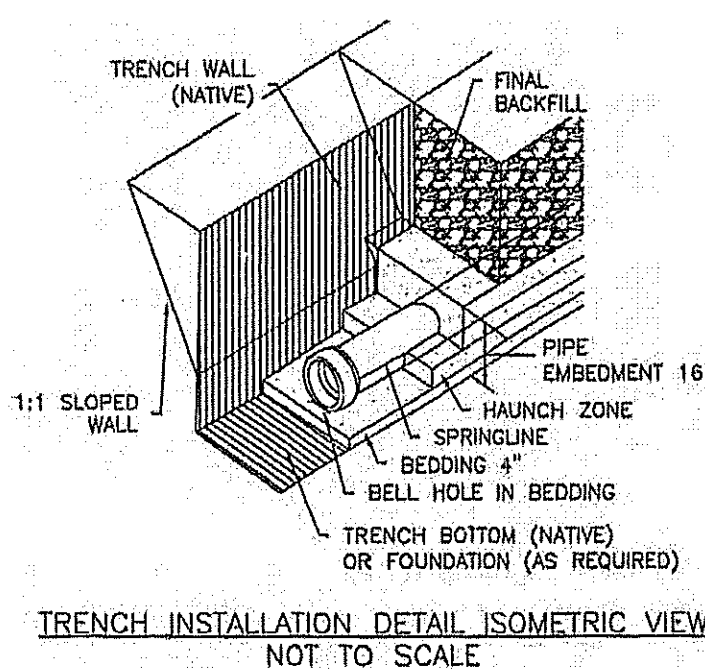
z:\main\projects\2284-001\_wallum lake rod and gun club\autocad drawings\2284-001-dsm.dwg Plotter: 11/9/2015

**DRY HYDRANT CONSTRUCTION NOTES:**

- INSTALLATION MATERIALS SHALL MEET THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS) STANDARDS AND SPECIFICATIONS. ANY MODIFICATIONS SHALL BE CLEARLY INDICATED ON THE DRAWINGS AND SHALL BE APPROVED BY NRCS PRIOR TO INSTALLATION.
- ALL PERMITS NEEDED TO INSTALL AND OPERATE THIS SYSTEM ARE THE RESPONSIBILITY OF THE OWNER AND SHALL BE OBTAINED BEFORE CONSTRUCTION BEGINS.
- OBTAIN NECESSARY CONSTRUCTION EASEMENTS FROM ADJACENT PROPERTY OWNERS BEFORE CONSTRUCTION TAKES PLACE.
- CONTACT THE N.R.C.S. RHODE ISLAND STATE OFFICE (401-928-1300) BEFORE ANY CONSTRUCTION TAKES PLACE.
- NO CONSTRUCTION SHALL TAKE PLACE UNTIL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS ARE INSTALLED.
- ANY EXCESS EXCAVATED MATERIAL THAT CANNOT BE USED FOR EARTHFILL SHALL BE DISPOSED OF OUTSIDE OF ANY RIVERBANK OR PERIMETER WETLAND.
- ANY UNDERGROUND UTILITIES IN THE AREA OF WORK WILL BE MARKED AND LOCATED BY THE UTILITY PRIOR TO CONSTRUCTION. THE OWNER SHALL CONTACT "DIG SAFE" (1-800-344-7233) OR THE APPROPRIATE UTILITY FOR ASSISTANCE AS NEEDED.
- RESEED ALL DISTURBED AREAS ACCORDING TO THE SEEDING SPECIFICATION.
- PLASTIC PIPE SHALL BE SCHEDULE 40, AND SHALL HAVE A MINIMUM OF 3 FT. OF BEDDING MATERIAL OVER THE PIPE TO PROTECT FROM FREEZING. THE PIPE SHALL BE LOW ENOUGH THAT THE PIPE WILL NORMALLY BE FULL OF WATER, FOR EASE IN PRIMING THE SYSTEM.
- ALL EARTHFILL MATERIAL SHALL CONTAIN NO SOD, BRUSH, ROOTS OR OTHER PERISHABLE MATERIALS. EARTH EMBANKMENTS SHALL CONTAIN NO STONES OR ROCKS PARTICLES OVER 8 INCHES IN DIAMETER. BACKFILL MATERIAL WITHIN 2 FEET OF ANY STRUCTURE OR PIPE SHALL HAVE NO PARTICLES LARGER THAN 3 INCHES IN DIAMETER. BACKFILL AROUND STRUCTURES AND PIPES SHALL BE PLACED IN LAYERS NOT TO EXCEED 4 INCHES IN THICKNESS AND SHALL BE BROUGHT UP UNIFORMLY AROUND THE STRUCTURE. THIS BACKFILL SHALL BE COMPACTED BY HAND TAMPING OR MANUALLY DIRECTED POWER TAMPERS OR PLATE VIBRATORS. HEAVY EQUIPMENT SHOULD BE KEPT A SAFE DISTANCE WITHIN OR OVER ANY STRUCTURE OR PIPE SO AS TO NOT CAUSE ANY STRUCTURAL DAMAGE.
- THE HYDRANT SLEEVE SHALL BE MADE OF BRONZE, BRASS, ALUMINUM ALLOY OR OTHER DURABLE, NON-CORROSIVE METAL. SLEEVE MUST BE PERMANENTLY AFFIXED INSIDE A PVC HEAD USING EPOXY ADHESIVE AND STAINLESS STEEL BOLTS. THE HYDRANT HEAD SHALL BE ABLE TO ACCEPT A 6" NPT (AMERICAN NATIONAL FIRE HOSE THREAD) CONNECTION TO PROVIDE MAXIMUM SUPPLY. HYDRANT (6") HEAD SHALL CONFORM TO ASTM 2486. ALL HYDRANTS SHALL CONTAIN A REMOVABLE HEAD STRAINER AND STAINLESS STEEL SNAP RING THAT CAN BE REMOVED WITHOUT SPECIAL TOOLS. THE STRAINER SHALL BE CONICAL IN SHAPE TO MAXIMIZE STRAINING AREA. ALL HYDRANTS SHALL USE A RUBBER "O" RING BETWEEN THE THREADED SLEEVE AND PVC HEAD.
- THE DRY HYDRANT CAP SHALL BE SNAP-ON/SNAP-OFF DESIGN AND REMOVABLE WITHOUT SPECIAL TOOLS. IT SHALL BE JOINED WITH A STEEL CABLE OR CHAIN AND BE PERMANENTLY ATTACHED TO THE DRY HYDRANT HEAD. THE CAP SHALL BE HARD PLASTIC OR OF THE SAME METAL AS WHY CONNECTION FOR MAXIMUM CORROSION RESISTANCE.
- STRAINER SHALL BE 6" DIAMETER SCHED. 40 P.V.C. PLASTIC PIPE, WITH FIXED END CAPS 4:1 INTAKE RATIO, AND 3/8" MINIMUM DIAMETER INTAKE HOLES. A SUPPORT ROD SHALL ALSO BE PROVIDED.
- DRY HYDRANT SHALL BE UTILIZED FOR FIRE SUPPRESSION ONLY.
- DRY HYDRANT WAS DESIGNED TO PRODUCE .500 GALLONS PER MINUTE OF FLOW.

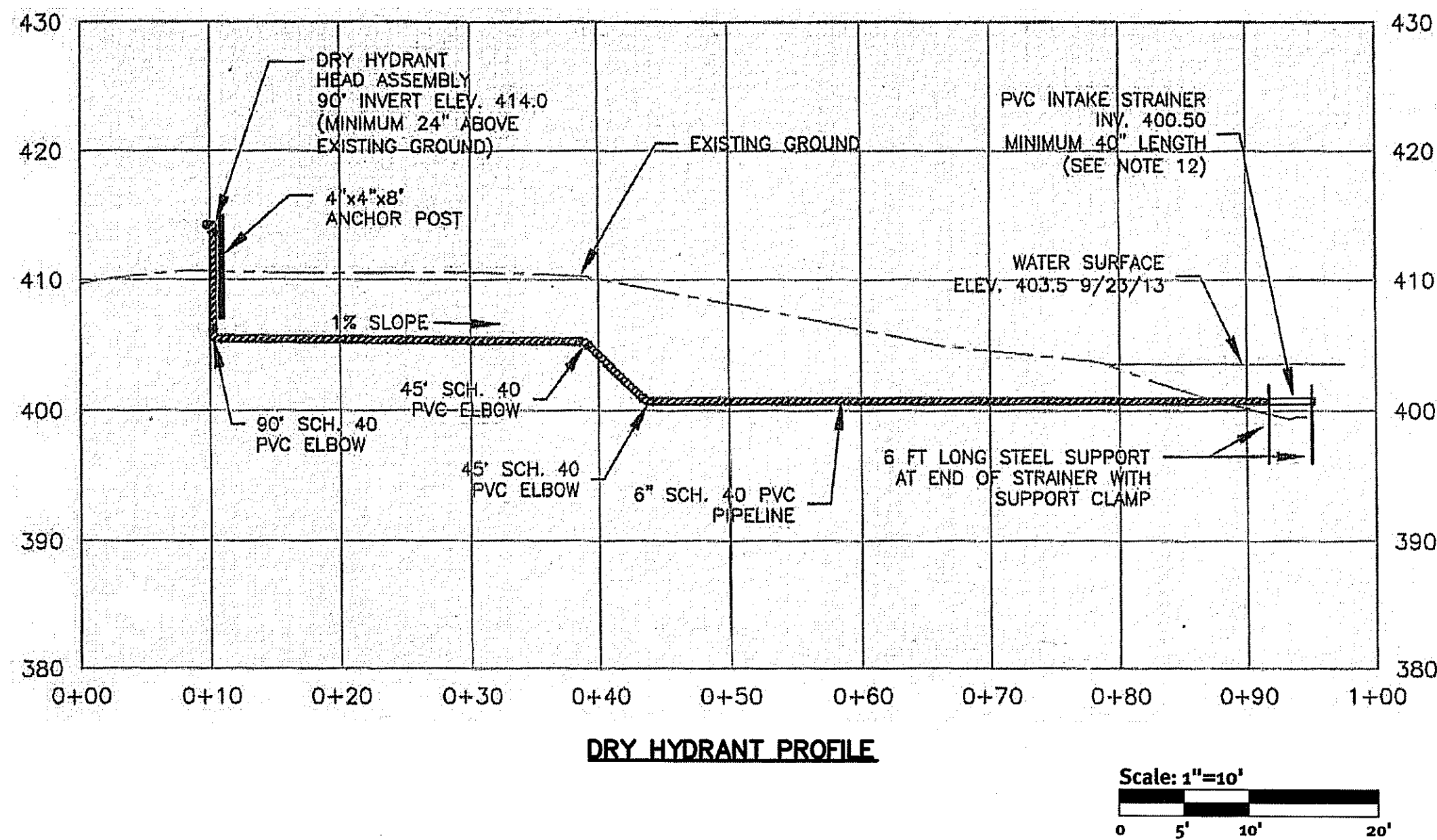
**BURIED PIPELINE INSTALLATION NOTES:**

- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321 "STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS," LATEST EDITION; AS AN ALTERNATIVE AT THE DISCRETION OF THE ENGINEER THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4".
- HAUNCHING AND INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.

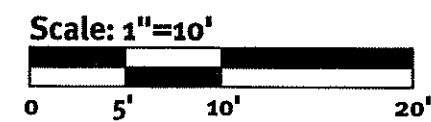


**DRY HYDRANT PIPING CONSTRUCTION NOTES, PROFILE AND PIPE TRENCH DETAIL**

NOT TO SCALE



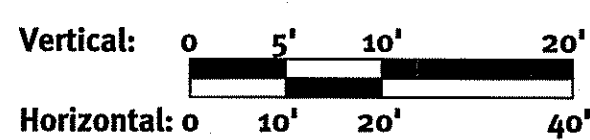
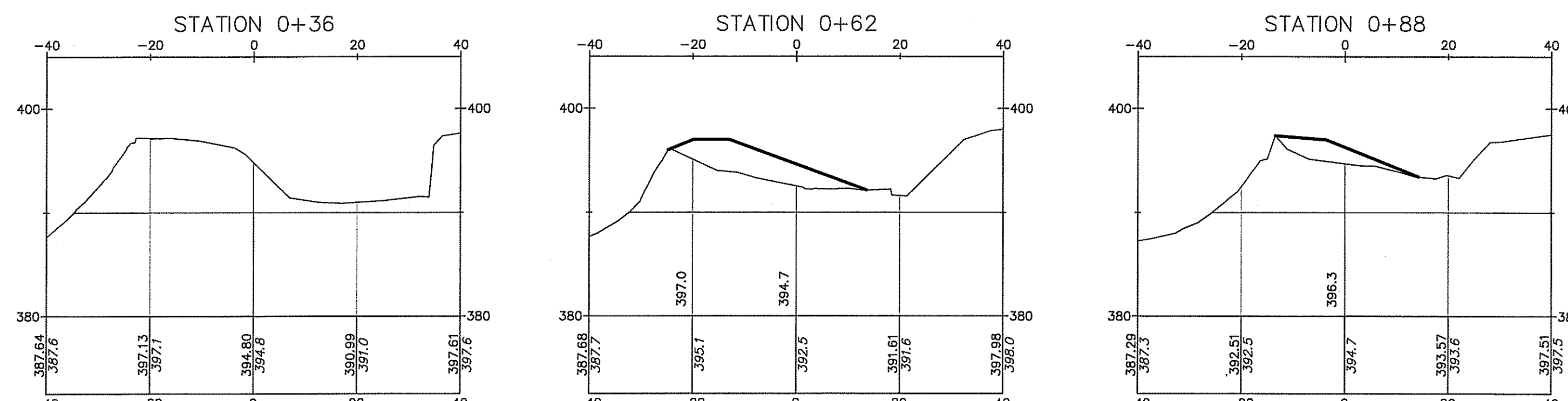
**DRY HYDRANT PROFILE**



**PLAN REFERENCE:--**

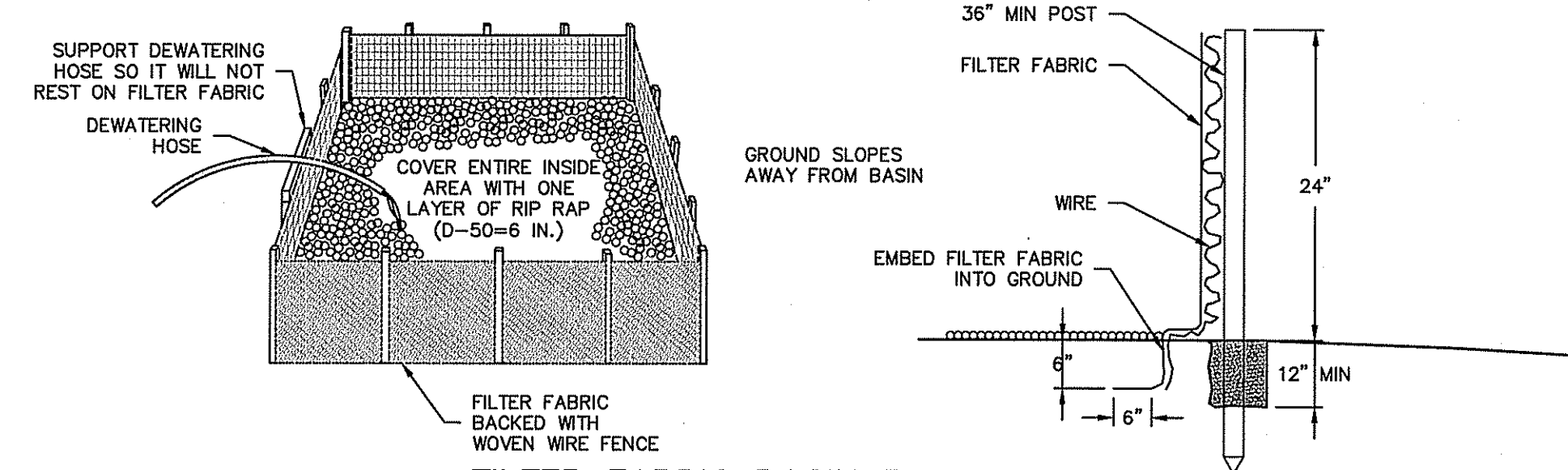
"PLANS FOR THE CONSTRUCTION OF PRACTICES FOR WALLUM LAKE ROD AND GUN CLUB IN PROVIDENCE COUNTY, RHODE ISLAND"

BY: U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE  
 DATED: 2/12/14  
 SCALE: AS NOTED  
 SHEETS: 1, 2, & 3 OF 3



**NOTES:**

- THE BASIN STORAGE VOLUME SHOULD NOT BE LESS THAN THE TOTAL VOLUME OF WATER THAT COULD BE PUMPED DURING A 4-HOUR PERIOD.
- FILTER FABRIC BASINS SHOULD BE CONSTRUCTED ON LEVEL OR NEARLY LEVEL GROUND.
- THE AREA AROUND THE FILTER FABRIC BASIN MUST BE STABILIZED TO PREVENT EROSION BY WATER EXITING THE BASIN.
- REMOVED SEDIMENT WHEN ACCUMULATION REACHES ONE-HALF THE ORIGINAL HEIGHT OF THE FILTER FABRIC.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN PROPER WORKING CONDITIONS AS LONG AS IT IS IN PLACE.
- FILTER FABRIC BASINS AND ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE BASIN'S USEFUL LIFE HAS BEEN COMPLETED. THE AREA COVERED BY THE BASIN SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER THE BASIN IS REMOVED.

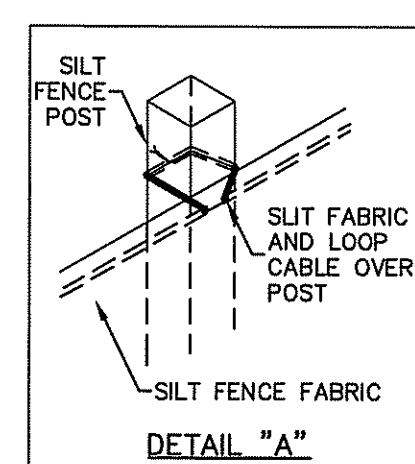


**FILTER FABRIC BASIN FOR PUMPED DEWATERING DISCHARGE**

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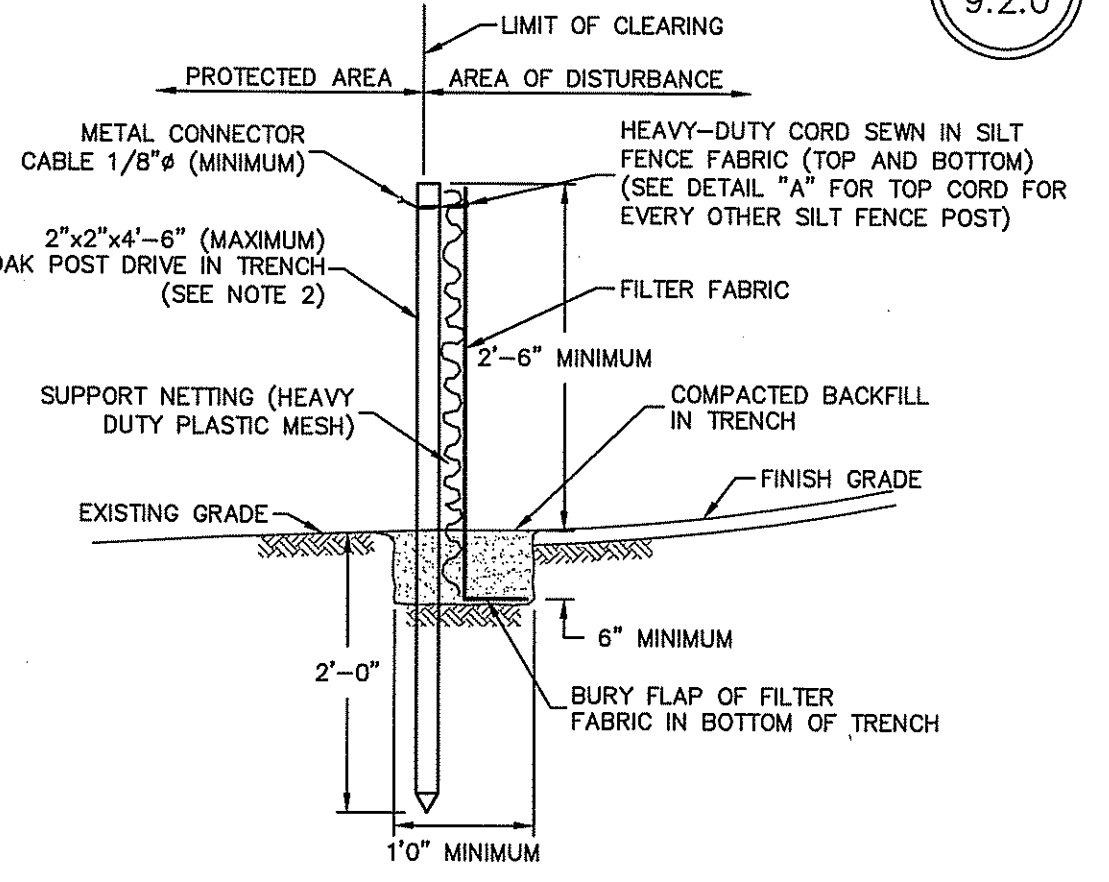
**NOTES:**

- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
- 2"x2"x4"-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
- 1"x1"x4"-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
- SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.
- ENGINEER-APPROVED EQUAL EROSION CONTROL MAY BE USED.

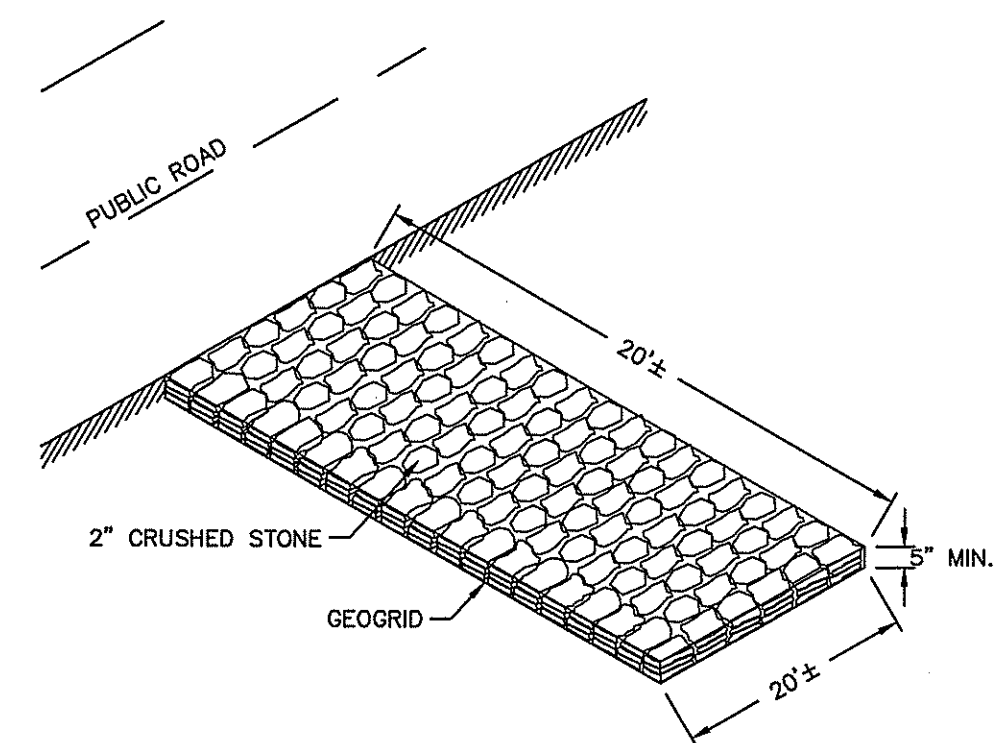


**SILT FENCE DETAIL**

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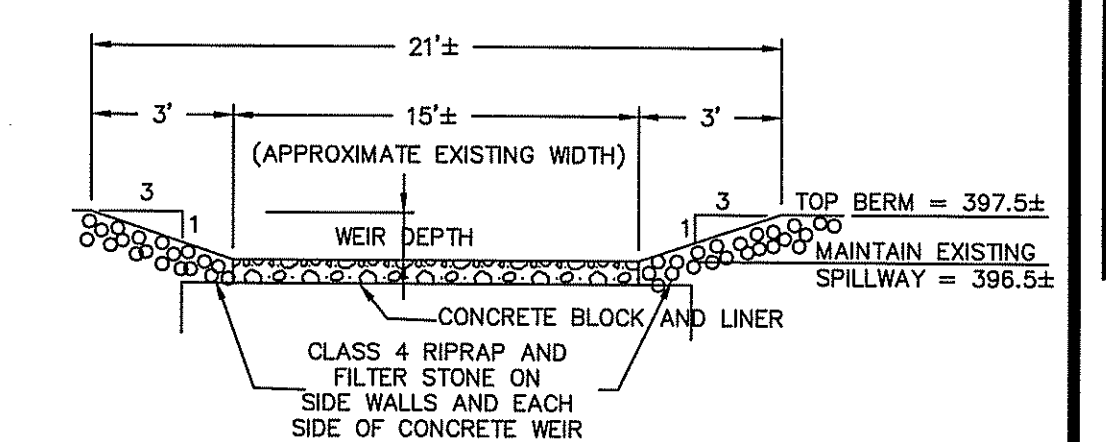
R.I. STANDARD 9.9.0



**CONSTRUCTION ACCESS**

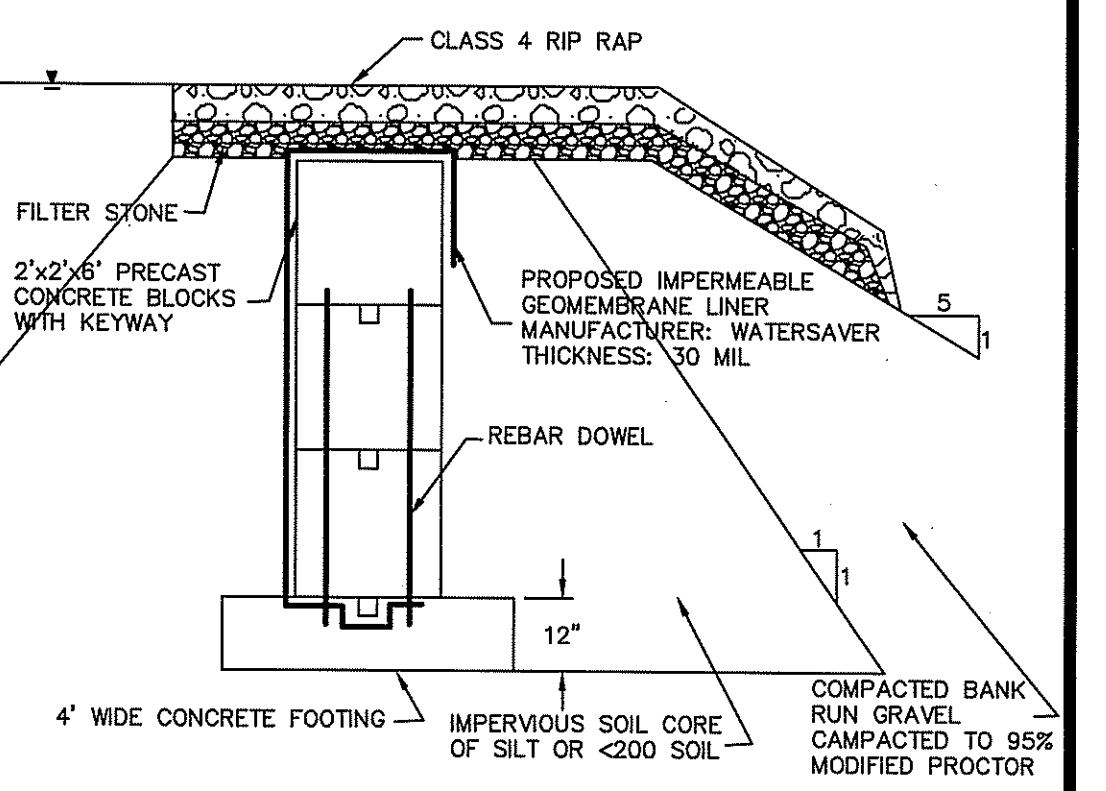
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NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.



**DAM SPILLWAY**

NOT TO SCALE



**EMBANKMENT CORE DETAIL**

NOT TO SCALE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS  
 AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED NOV 3 0 2015 FILE # 15-0205  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

NOV - 9 2015

**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 Tel: 401-943-1000 Fax: 401-464-6066 www.diprete-eng.com  
 Boston • Providence • Newport

**KEVIN C. MORIN**  
 No. 1051  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped "Issued for Construction" and signed by a DiPrete Engineering representative.  
 The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA compliance in the implementation of this plan and design.

No.	Date	Description	Design By: KID
1	11/12/2015	ISSUES	
2	03/25/2016	REVISIONS	
3	03/25/2016	REVISIONS	

**Detail Sheet**  
**Brook Road #200**  
 Applicant: Wallum Lake Rod & Gun Club  
 200 Brook Road, Burrillville, Rhode Island 02830  
 SHEET 2 OF 2

z:\dmain\project\2284-001 wallum lake rod and gun club\background drawings\2284-001-draw.dwg Plotdate: 11/12/2015