



**US Army Corps  
of Engineers**®  
New England District  
**696 Virginia Road  
Concord, MA 01742-2751**

# PUBLIC NOTICE

**Comment Period Begins: March 29, 2011**  
**Comment Period Ends: April 29, 2011**  
**File Number: NAE-2010-2404**  
**In Reply Refer To: John C. Sargent**  
**Phone: (978) 318-8026**  
**E-mail: john.c.sargent@usace.army.mil**

The District Engineer has received a permit application from the applicant below to conduct work in waters of the United States as described below.

## APPLICANT

Frank Newhall Look Park Board of Trustees, Ray Ellerbrook

## ACTIVITY AND PURPOSE

The Park Board of Trustees is proposing to excavate and grade about 2.5 acres of Willow Pond that would result in discharge of dredged or fill material in jurisdictional waters under Section 404 of the Clean Water Act. The removed sediment would be dewatered and placed in uplands on the park property located north of Willow Pond. The excavated material would be reused for multiuse ball fields at the park. The project also proposes to stabilize about 350 linear feet of the pond's western shoreline in a 2,200 square-foot area below the pond's ordinary high water line. Approximately 100 linear feet of the shoreline would be reconstructed with rock gabions and the remainder of the bank constructed with stones and plantings of native shrubs. The purpose of this project is to deepen the water depth in the pond to enhance recreational boating and fishing and to control erosion of the shoreline that has been impacted by public access to the ponds highly used western shore.

The work is described on the enclosed plans entitled "FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS LOOK PARK IMPROVEMENTS PROJECT," on 9 sheets, and dated "March 2011."

## WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in Willow Pond at 300 North Main Street in the Frank Newhall Look Park in Northampton, Massachusetts. The proposed location on the Easthampton, Mass U.S. Quadrangle at 42 deg 20'51.6"N 72 deg 41'27.7"W

## AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899  
 Section 404 of the Clean Water Act  
 Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered,

**CENAE-R**  
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including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment or Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

**SECTION 106 COORDINATION**

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s)

**ENDANGERED SPECIES CONSULTATION**

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. The Federally listed dwarf wedgemussel is documented to occur in certain streams in Northampton. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

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The following authorizations have been applied for, or have been, or will be obtained:

- ( X ) Permit, License or Assent from State.
- ( X ) Permit from Local Wetland Agency or Conservation Commission.
- ( X ) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact John Sargent at (978) 318-8026, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

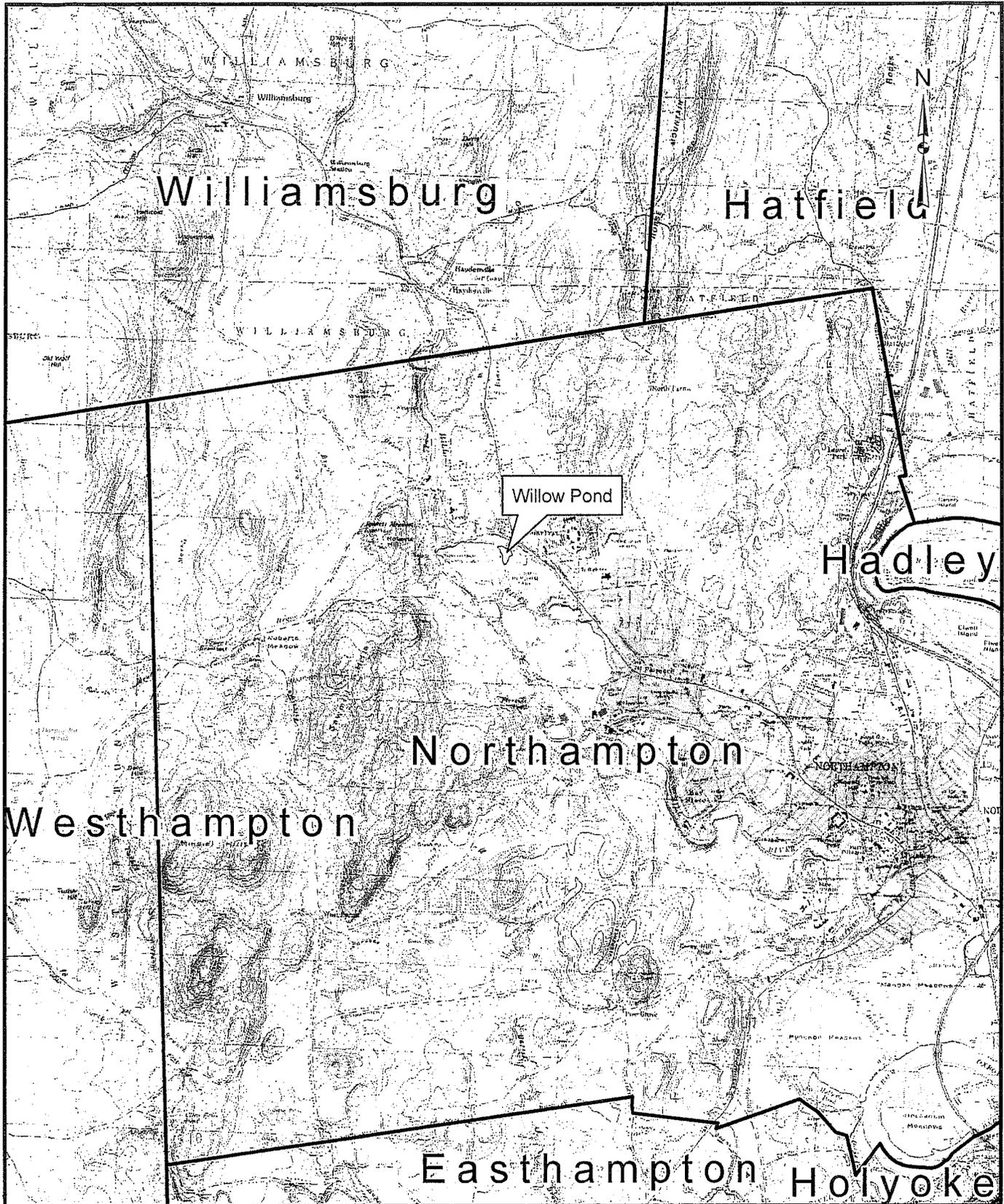
**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**



**Karen K. Adams**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_



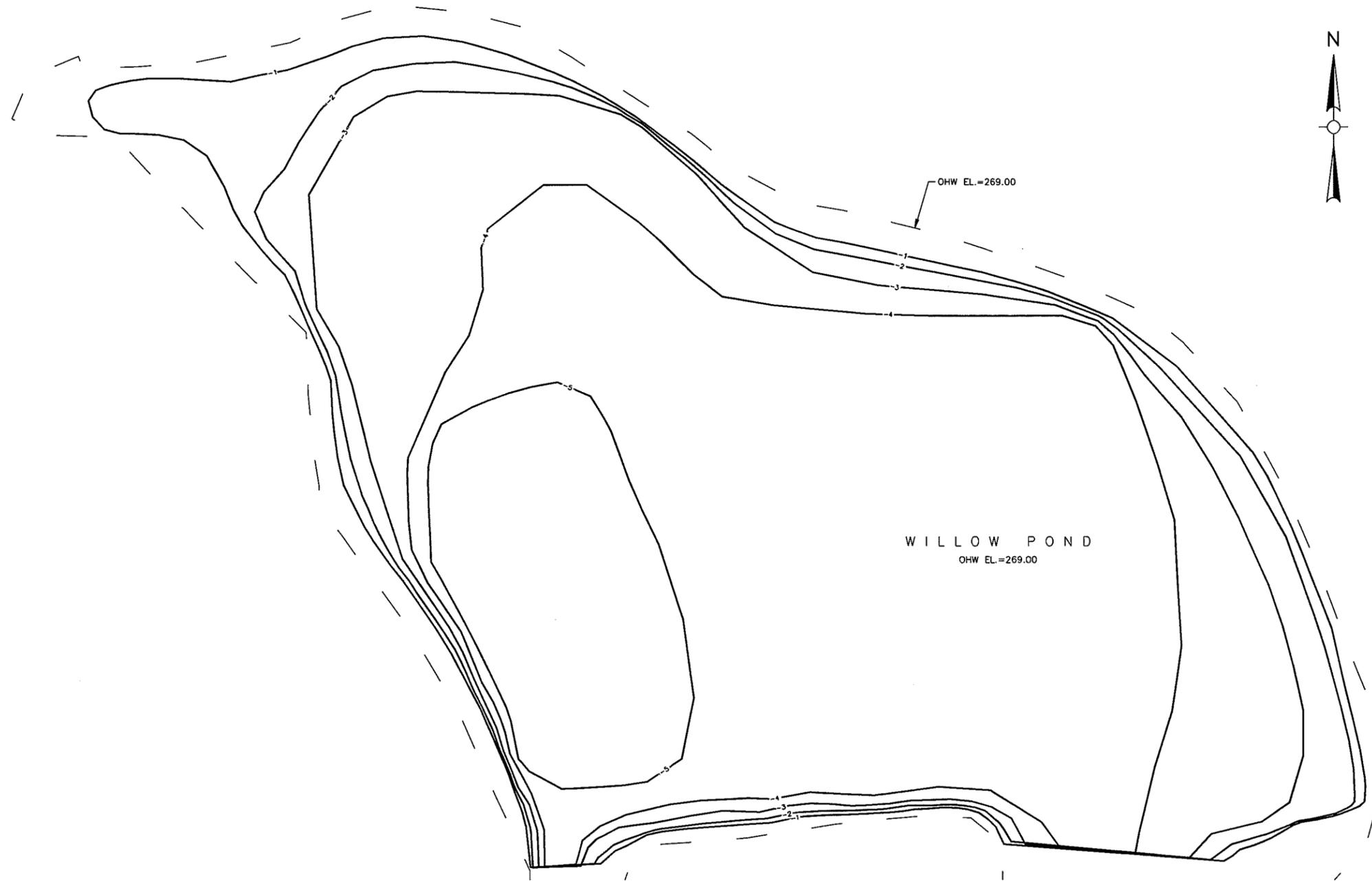
**FIGURE 1**  
**Look Park - Willow Pond**

**Locus Map**

 Towns

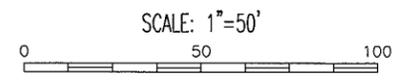
0 2,500 5,000 10,000  
 Feet

O:\Northampton MA\Look Park - Willow Lake\Look Park-Permitting\CADD\BATHYMETRY.dwg



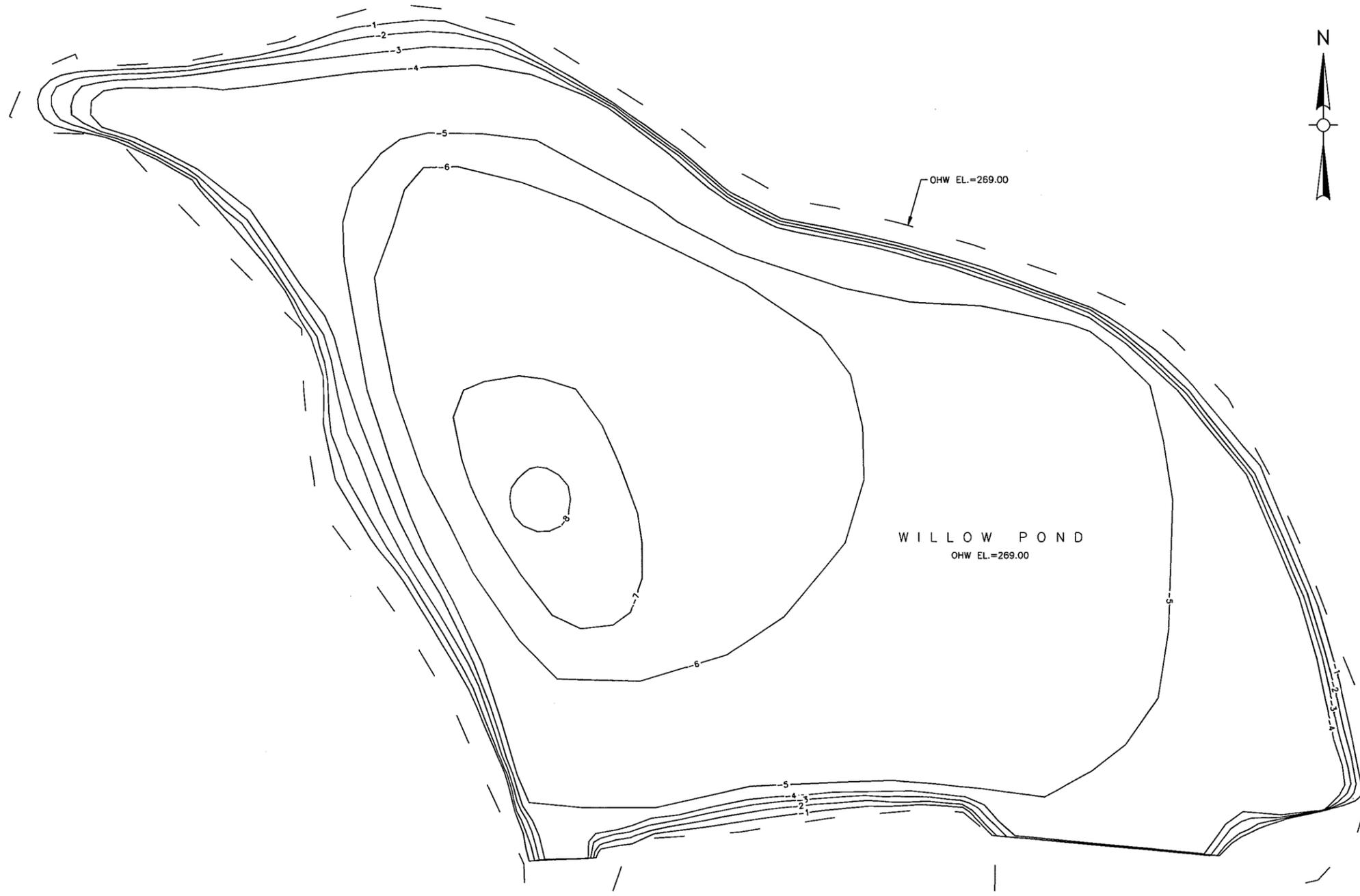
**NOTES:**

- 1. DEPTHS MEASURED FROM WATER SURFACE (ORDINARY HIGH WATER).
- 2. DEPTHS IN FEET.
- 3. ORDINARY HIGH WATER (OHW) MARK ELEVATION = 269.00.



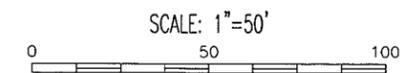
SHEET C-1		
FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS LOOK PARK IMPROVEMENTS PROJECT		
EXISTING BATHYMETRY CONTOURS WILLOW POND		
DESIGNED BY: AZ	CHECKED BY: JHW	DATE: MARCH 2011
<b>Weston &amp; Sampson</b> <sup>®</sup>		

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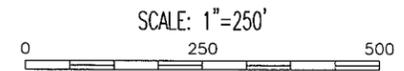
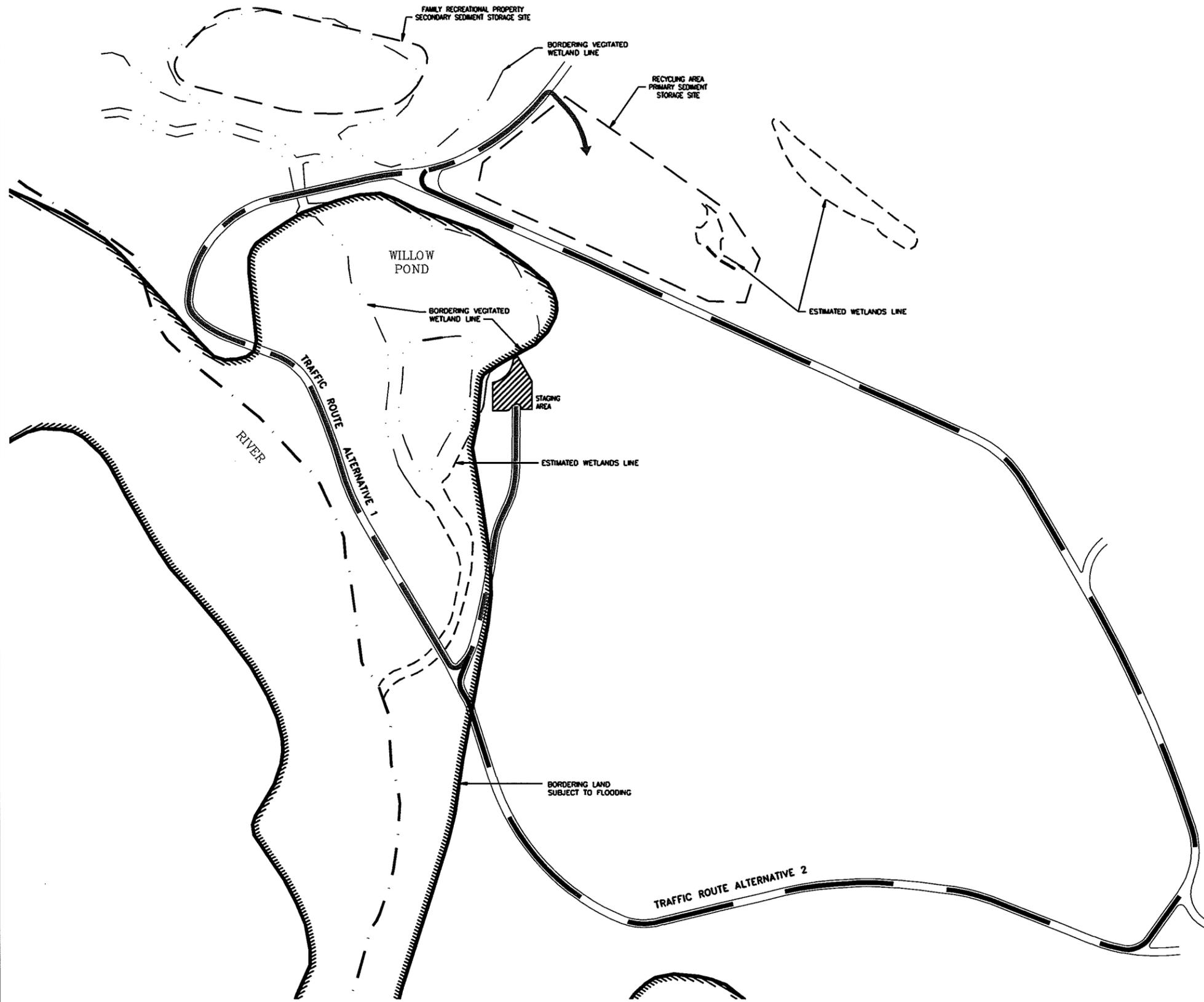
NOTES:

- 1. DEPTHS MEASURED FROM WATER SURFACE (ORDINARY HIGH WATER).
- 2. DEPTHS IN FEET.
- 3. ORDINARY HIGH WATER (OHW) MARK ELEVATION = 269.00.



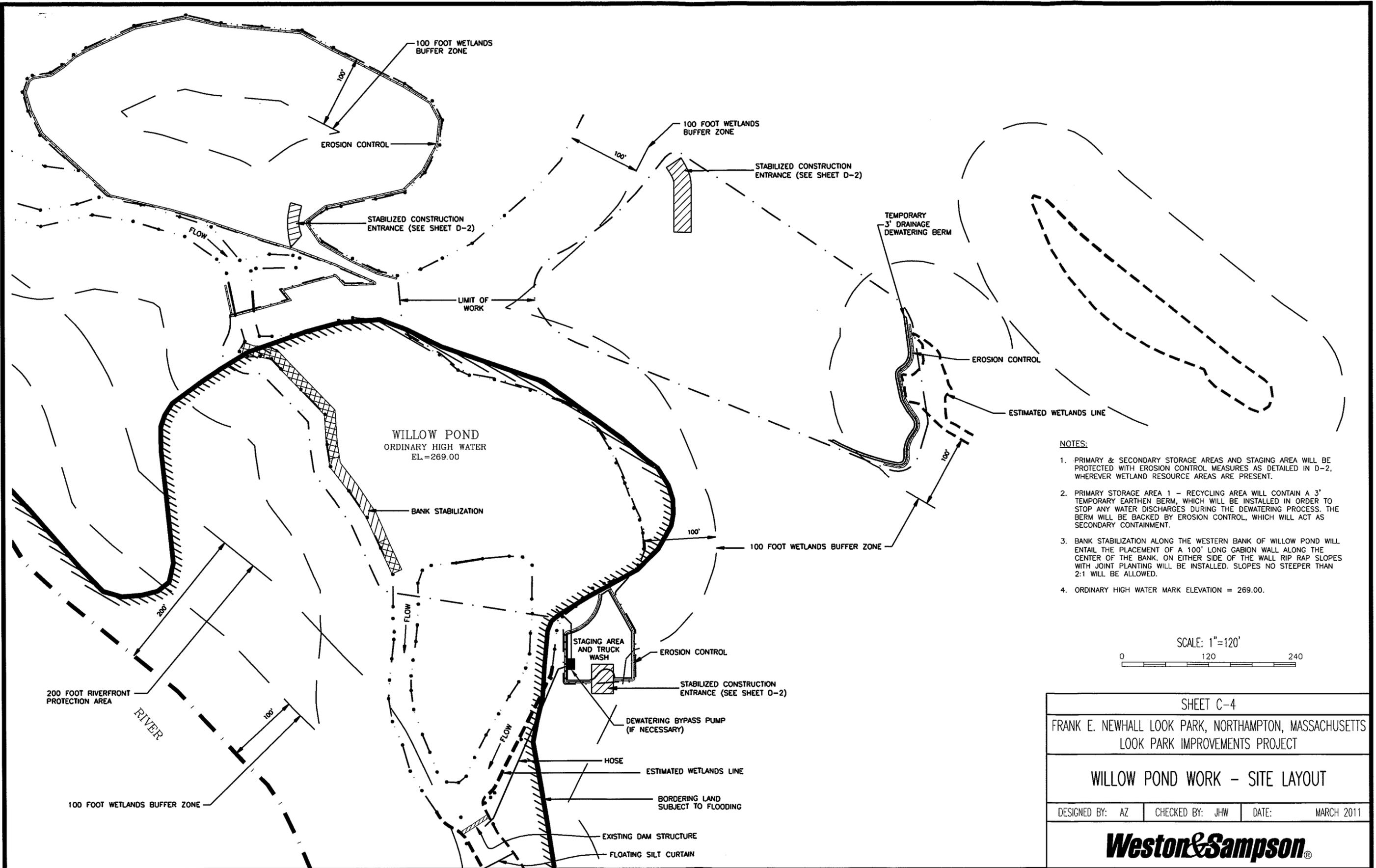
SHEET C-2		
FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS LOOK PARK IMPROVEMENTS PROJECT		
PROPOSED BATHYMETRY CONTOURS WILLOW POND		
DESIGNED BY: AZ	CHECKED BY: JHW	DATE: MARCH 2011
<b>Weston &amp; Sampson</b> <sup>®</sup>		

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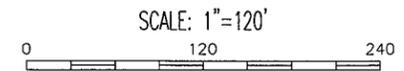
SHEET C-3		
FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS LOOK PARK IMPROVEMENTS PROJECT		
TRAFFIC ROUTE LOOK PARK		
DESIGNED BY: AZ	CHECKED BY: JHW	DATE: MARCH 2011
<b>Weston&amp;Sampson®</b>		

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**NOTES:**

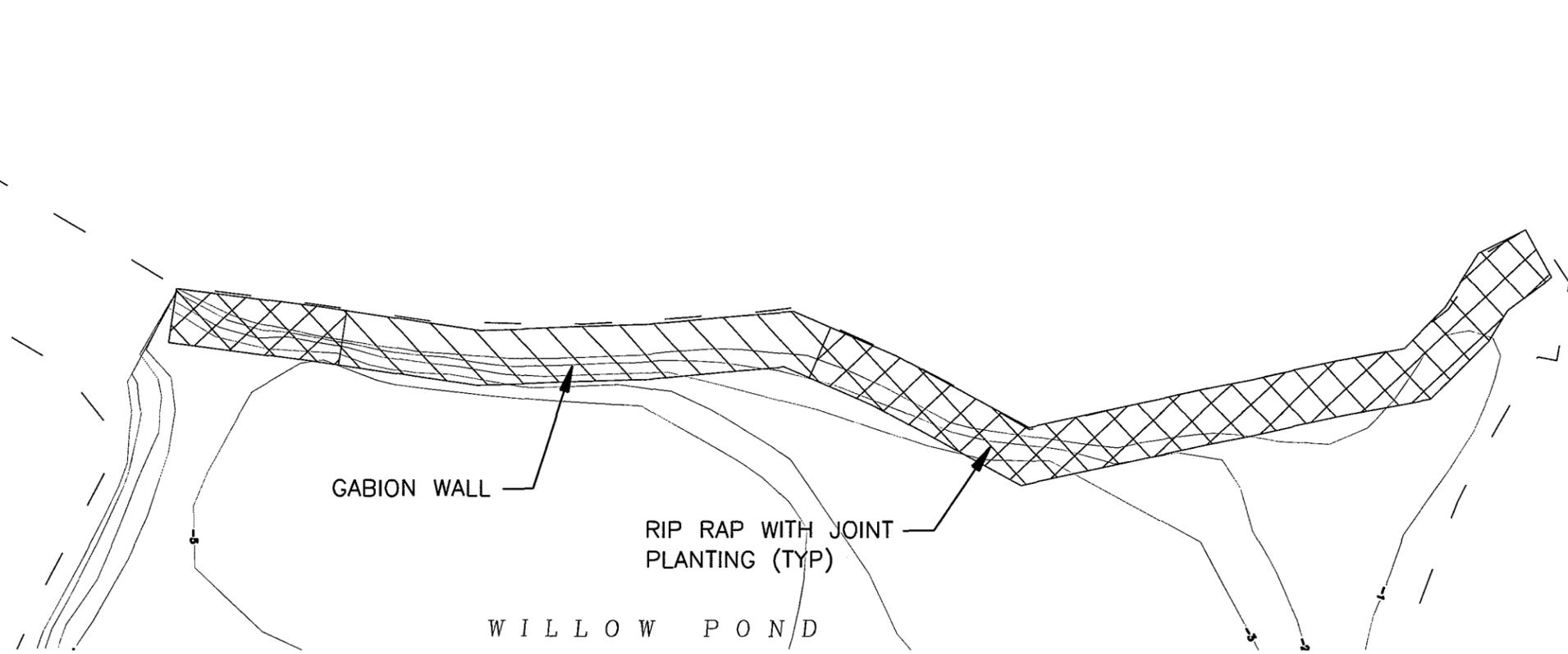
1. PRIMARY & SECONDARY STORAGE AREAS AND STAGING AREA WILL BE PROTECTED WITH EROSION CONTROL MEASURES AS DETAILED IN D-2, WHEREVER WETLAND RESOURCE AREAS ARE PRESENT.
2. PRIMARY STORAGE AREA 1 - RECYCLING AREA WILL CONTAIN A 3' TEMPORARY EARTHEN BERM, WHICH WILL BE INSTALLED IN ORDER TO STOP ANY WATER DISCHARGES DURING THE DEWATERING PROCESS. THE BERM WILL BE BACKED BY EROSION CONTROL, WHICH WILL ACT AS SECONDARY CONTAINMENT.
3. BANK STABILIZATION ALONG THE WESTERN BANK OF WILLOW POND WILL ENTAIL THE PLACEMENT OF A 100' LONG GABION WALL ALONG THE CENTER OF THE BANK. ON EITHER SIDE OF THE WALL RIP RAP SLOPES WITH JOINT PLANTING WILL BE INSTALLED. SLOPES NO STEEPER THAN 2:1 WILL BE ALLOWED.
4. ORDINARY HIGH WATER MARK ELEVATION = 269.00.



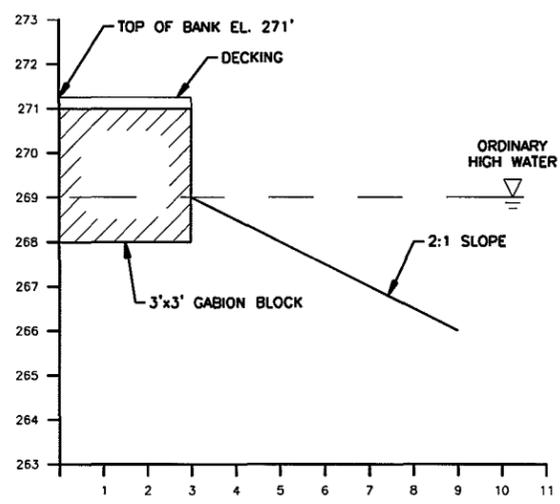
SHEET C-4		
FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS LOOK PARK IMPROVEMENTS PROJECT		
WILLOW POND WORK - SITE LAYOUT		
DESIGNED BY: AZ	CHECKED BY: JHW	DATE: MARCH 2011
<b>Weston &amp; Sampson</b> <sup>®</sup>		







PLAN VIEW



BANK STABILIZATION  
NOT TO SCALE

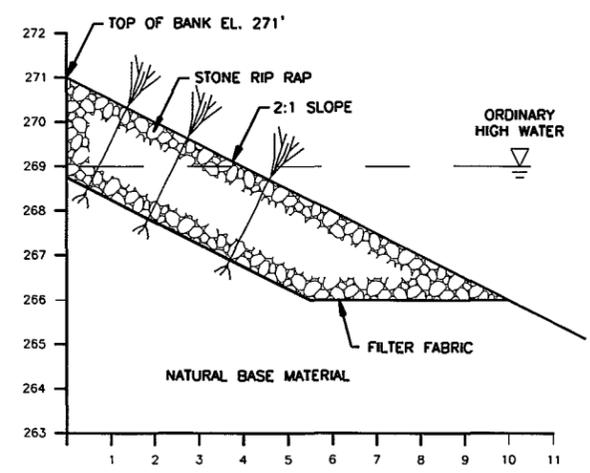
**JOINT PLANTING**  
JOINT PLANTING DISGUISES RIPRAP AND MAY PROVIDE HABITAT. THE PLANT ROOTS HELP HOLD SOIL TOGETHER UNDER THE ROCKS. IT INVOLVES TAMPING LIVE STAKES INTO JOINTS OR OPEN SPACES BETWEEN EXISTING ROCKS OR WHEN ROCK IS BEING PLACED ON THE SLOPE FACE.

**APPLICATION AND EFFECTIVENESS**

- USEFUL WHERE ROCK RIPRAP IS REQUIRED OR ALREADY IN PLACE.
- IMPROVES DRAINAGE BY REMOVING SOIL MOISTURE.
- CREATES, OVER TIME, A LIVING ROOT MAT IN THE SOIL BASE UPON WHICH THE ROCK HAS BEEN PLACED. THESE ROOT SYSTEMS BIND OR REINFORCE THE SOIL AND PREVENT WASHOUT OF FINES BETWEEN THE ROCK.
- PROVIDES IMMEDIATE PROTECTION AND IS EFFECTIVE IN REDUCING EROSION ON ACTIVELY ERODING BANKS.
- DISSIPATES SOME OF THE ENERGY DURING A FLOOD STAGE.
- PROVIDES FEEDING AND HABITAT AREAS.

**INSTALLATION**

- TAMP LIVE STAKES INTO THE OPENINGS BETWEEN THE ROCKS DURING OR AFTER PLACEMENT OF RIPRAP. THE BASAL (CUT) ENDS OF THE CUTTINGS MUST EXTEND INTO THE BACKFILL OR UNDISTURBED SOIL BEHIND THE RIPRAP.
- PREPARE A HOLE THROUGH THE RIPRAP USING A STEEL ROAD OR WATERJET STINGER (HOAG, ET AL. 2001).
- ALLOW GROWING TIPS TO PROTRUDE SLIGHTLY ABOVE THE ROCK.
- PLACE THE STAKES IN A RANDOM CONFIGURATION.



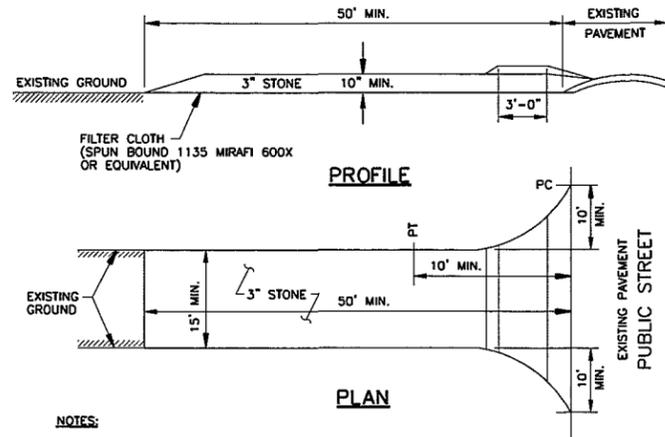
RIP RAP SLOPE W/ JOINT PLANTING  
NOT TO SCALE

SHEET D-1  
FRANK E. NEWHALL LOOK PARK, NORTHAMPTON, MASSACHUSETTS  
LOOK PARK IMPROVEMENTS PROJECT

DETAILS  
DESIGNED BY: AZ    CHECKED BY: JHW    DATE: MARCH 2011

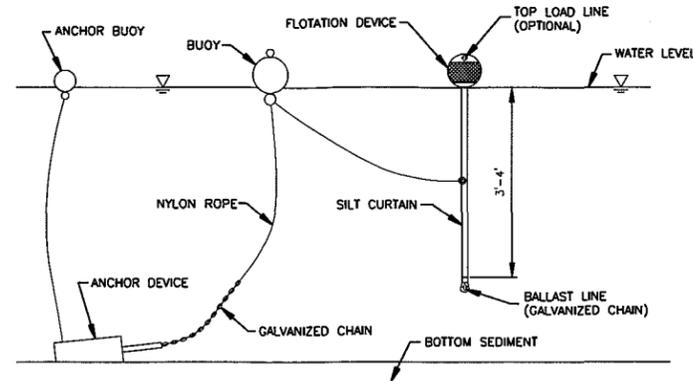


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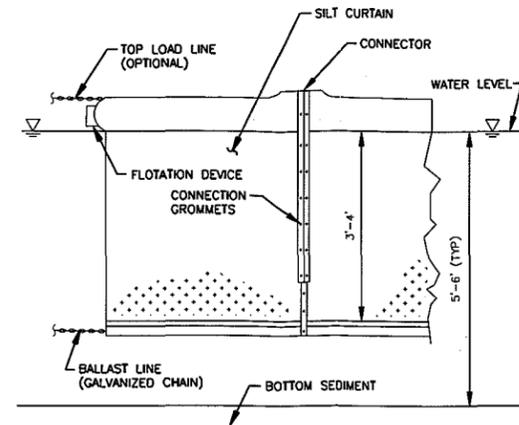


- NOTES:**
1. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  2. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
  3. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  4. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  5. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
  6. STONE SHALL BE REMOVED AT THE CONCLUSION OF PROJECT AND ACCUMULATED SEDIMENT DISPOSED OF IN ACCORDANCE WITH SPEC SECTION 02282. REMOVAL OF STONE SHALL BE AT NO ADDITIONAL COST TO THE OWNER.

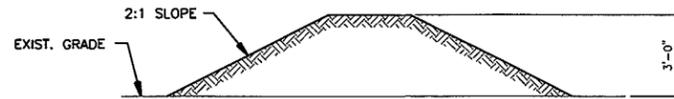
**STABILIZED CONSTRUCTION ENTRANCE (ANTI-TRACKING PAD)**  
N.T.S.



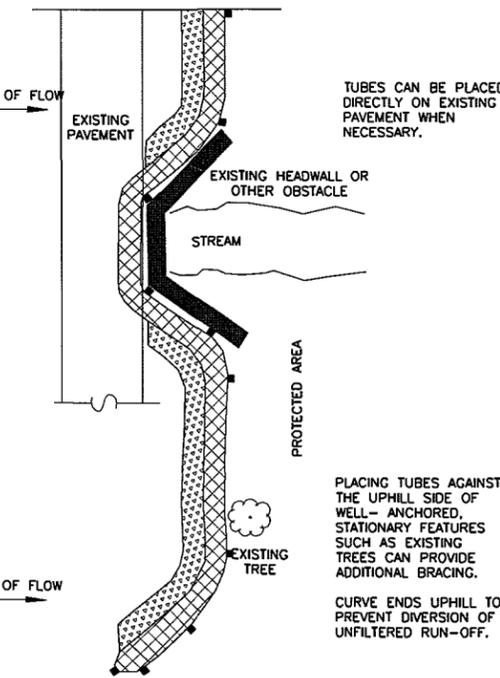
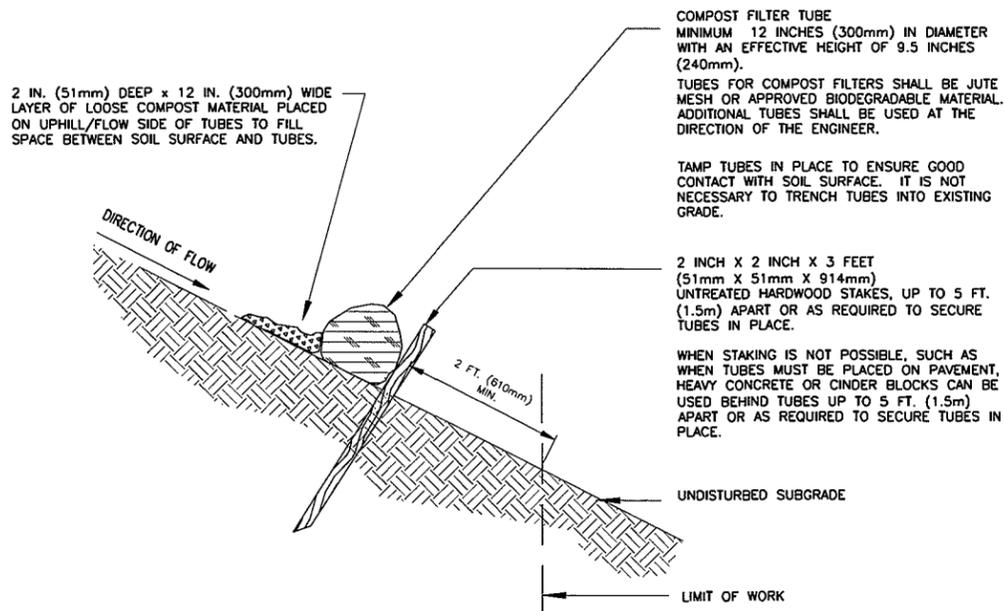
**FLOATING SILT CURTAIN**  
**SIDE VIEW**  
SCALE: N.T.S.



**FLOATING SILT CURTAIN**  
**SECTION VIEW**  
SCALE: N.T.S.



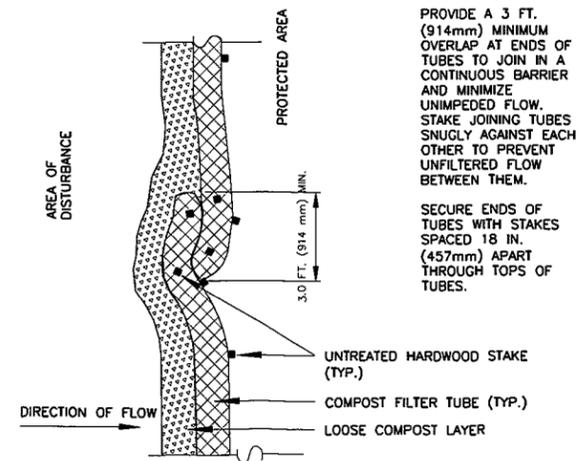
**TEMPORARY BERM**  
NOT TO SCALE



**SINGLE COMPOST FILTER TUBE DETAIL**  
NOT TO SCALE

**GENERAL NOTES:**

1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
4. CONFIGURE TUBES AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN-OFF.



**PLAN VIEW - JOIN DETAIL**

No.	Date	Dr. By	Ch. By	App. By	Description

REGISTERED PROFESSIONAL ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

FRANK E. NEWHALL LOOK PARK  
NORTHAMPTON, MASSACHUSETTS  
LOOK PARK IMPROVEMENTS PROJECT

DETAILS

CAUD. NO.	SCALE:	NOTED	CONTRACT:	JOB NO.	DR. BY	DSN. BY	CHK. BY	APP. BY
	DETAILS			2100171	RWS	AZ	JHW	BWA