



**US Army Corps  
of Engineers**®  
New England District

# PUBLIC NOTICE

696 Virginia Road  
Concord, MA 01742-2751

**Date:** January 23, 2007  
**Comment Period Ends:** February 23, 2007  
**File Number:** NAE-2005-3256  
**In Reply Refer To:** William J. Mullen  
**Or by e-mail:** [william.j.mullen@usace.army.mil](mailto:william.j.mullen@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. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation.

**APPLICANT** City of Bristol, Department of Parks and Recreation

**ACTIVITY** A detailed description and plans of the applicant's activity are attached.

## **WATERWAY AND LOCATION OF THE PROPOSED WORK**

This work is proposed in and along the Pequabuck River in Rockwell Park in the city of Bristol, Connecticut. The proposed location on the USGS Bristol quadrangle sheet is at UTM coordinates 4615486N and 18669682E.

## **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 benefit 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, 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 and/or an 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 or the transportation of dredged material for the purpose of disposing it in ocean waters, 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, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

Pursuant to the **Endangered Species Act**, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

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 William J. Mullen at (978) 318-8559, (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.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

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



**Robert J. DeSista**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

**CENAE-R**  
**FILE NO. NAE-2005-3256**

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: \_\_\_\_\_

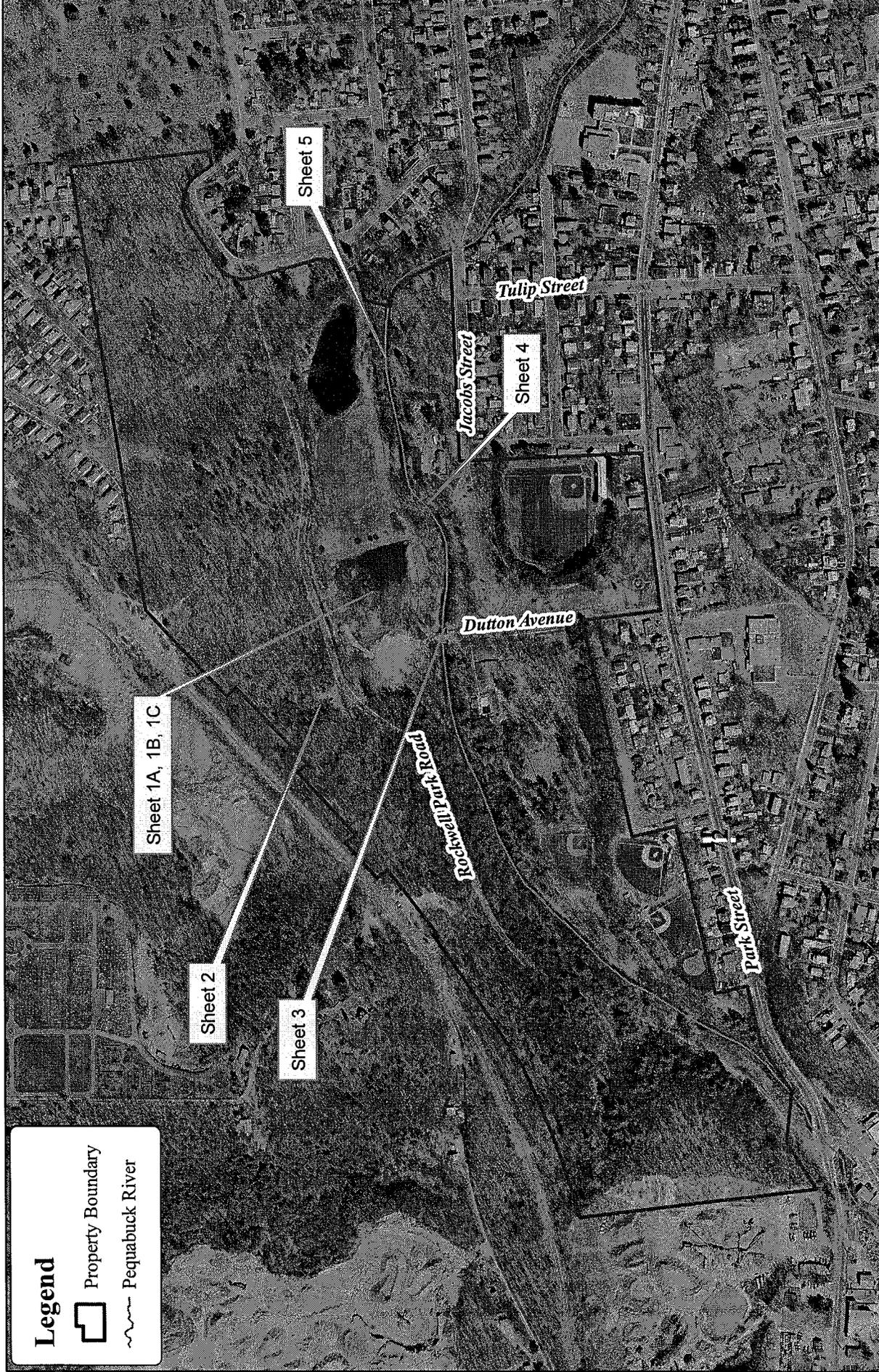
**PROPOSED WORK AND PURPOSE**

The work includes the discharge of dredged or fill material into 2.17 acres of Federal waters/wetlands with the overall purpose being the renovation/enhancement of the 103.3-acre Rockwell Park, a city landmark that is on the National Register of Historic Places. The majority of the work involving fill placement in wetlands/waters will be in the location of a former lagoon at the park. Originally, a large impoundment existed on the north side of the Pequabuck River extending from the existing pond on the east to the former beach area. In the 1960's, the central portion of the pond was filled in to allow for the construction of playing fields. Rockwell Park continued to have two impoundments separated by playing fields through the 1980's, however, water quality in the western impoundment began to deteriorate due to the presence of bacteria. Despite warnings and signage to the contrary, residents continued to swim at this location, so in the 1990's, the city drained the western impoundment to prevent swimming. The former impoundment (also known as the former lagoon) has not been modified or treated since that time.

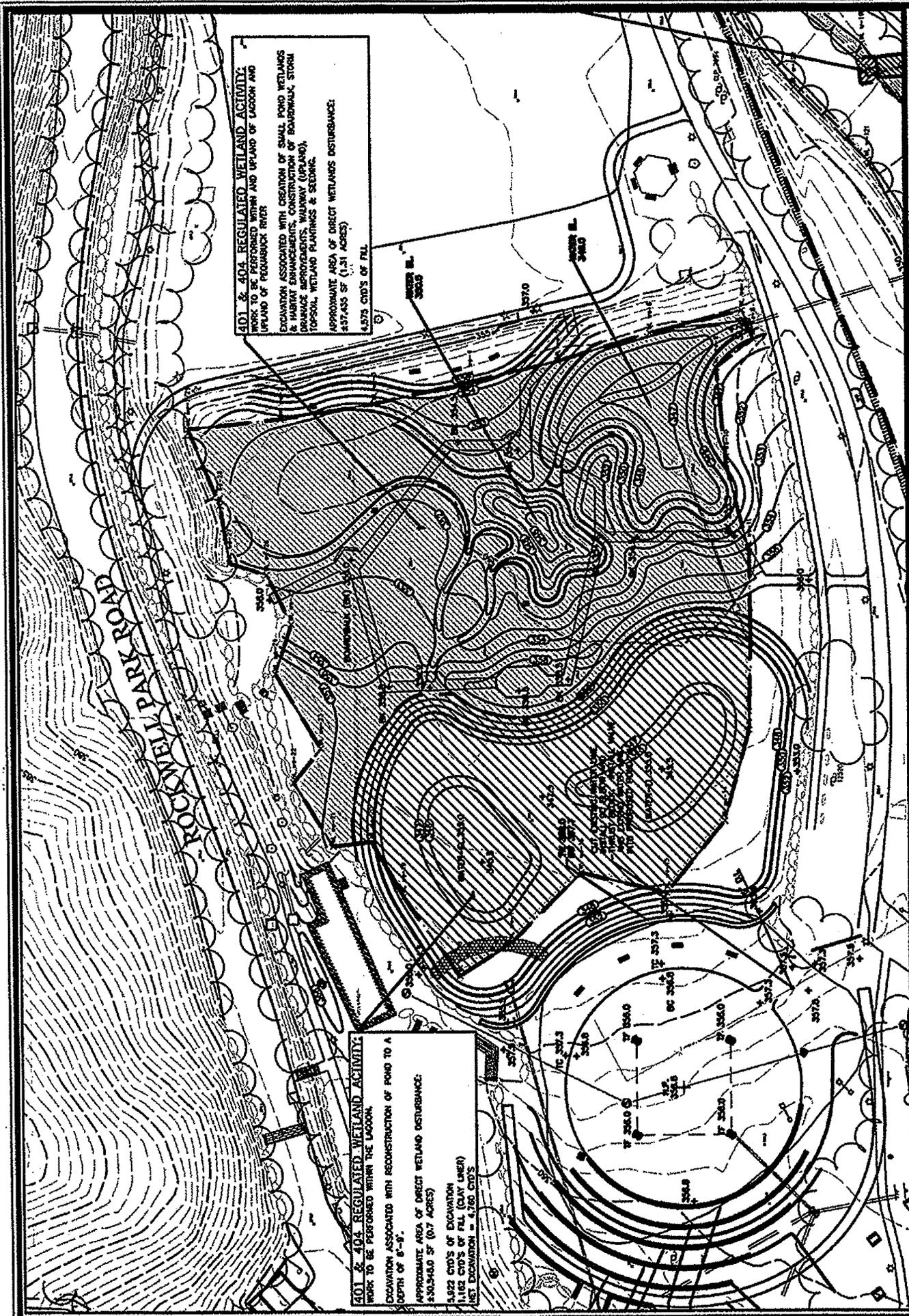
It is proposed to convert the former lagoon's western portion into an open water pond, with the wetland on the eastern portion being enhanced into open water scrub shrub, emergent marsh, and wet meadow wetland communities to provide an array of diverse habitats. A discharge channel will be created through this area to a new outlet structure discharging to the Pequabuck River. Boardwalks and stone dust paths will be constructed within the enhanced eastern portion in order to provide educational and recreational opportunities for the public. The open water pond is proposed to have a water depth of approximately 9.5 feet, sufficient to reduce the potential for rooted aquatic growth from sunlight penetration. The pond has been designed with adequate flushing rates which, along with the seasonal placement of two electric aerators, should insure that eutrophic conditions do not develop. The proposed activities in the former lagoon involve 2.02 acres of the 2.17 acres of work associated with this Notice.

The remaining work involving the placement of fill in Federal wetlands/waters includes: the placement of riprap scour protection at the Dutton Avenue and Tulip Street bridge crossings of the Pequabuck River and reconstruction of the stone obelisks flanking the Dutton Avenue bridge; the replacement of an existing flared end section discharging to the river; and the stabilization of 80 linear feet of an eroded unnamed tributary northwest of the former swimming area with natural river cobble.

The work is described on the enclosed plans entitled "Improvements to Rockwell Park, Bristol Parks Revitalization" on 8 sheets, and dated "January 2007".



<b>Locations of Proposed Regulated Activities</b>  <b>Bristol Parks Revitalization Improvements to Rockwell Park</b>		<b>Location:</b> Bristol, CT	
		Date: Jan. 2007	Sheet:
MMI#: 2235-08-10 MXD: Index.mxd Source: 2004 CLEAR, CT DEP		<b>INDEX</b>	
<b>MILONE &amp; MACBROOM®</b> <small>Engineering, Landscape Architecture and Environmental Science</small> 99 Realty Drive Cheshire, CT 06410 Phone: (203) 271-1773 Fax: (203) 272-9733			



**401 & 404 REGULATED WETLAND ACTIVITY:**  
 WORK TO BE PERFORMED WITHIN AND UPLAND OF LAGOON AND UPLAND OF REARBACK RIVER

EXCAVATION ASSOCIATED WITH CREATION OF SMALL POND WETLANDS & HABITAT ENHANCEMENTS, CONSTRUCTION OF BOARDWALK, STORM DRAINAGE IMPROVEMENTS, WALKWAY (UPLAND), TOPSOIL, WETLAND PLANTINGS & SEEDING.

APPROXIMATE AREA OF DIRECT WETLANDS DISTURBANCE:  
 437,435 SF (1.01 ACRES)

1,425 CUBIC YD'S OF FILL

**401 & 404 REGULATED WETLAND ACTIVITY:**  
 WORK TO BE PERFORMED WITHIN THE LAGOON.

EXCAVATION ASSOCIATED WITH RECONSTRUCTION OF POND TO A DEPTH OF 8'-9".

APPROXIMATE AREA OF DIRECT WETLAND DISTURBANCE:  
 830,340 SF (0.17 ACRES)

1,122 CUBIC YD'S OF EXCAVATION  
 1,122 CUBIC YD'S OF FILL (CLAY LAYER)  
 NET EXCAVATION = 0 CUBIC YD'S

**CITY OF BRISTOL, CONNECTICUT**

DATE: 1/4/07

SCALE: 1" = 60'

SHEET: **1A**

**IMPROVEMENTS TO ROCKWELL PARK  
 BRISTOL PARKS REVITALIZATION**

**SITE PLAN - GRADING & STATE  
 AND FEDERAL REGULATED ACTIVITIES**

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**VEGETATION COMMUNITIES**

- 1. OPEN WATER
- 2. OBLIGATE FACULTATIVE WET
- 3. FACULTATIVE WET
- 4. FACULTATIVE UPLAND
- 5. FACULTATIVE UPLAND
- 6. UPLAND

**IMPROVEMENTS TO ROCKWELL PARK  
BRISTOL PARKS REVITALIZATION**

**SITE PLAN - LAGOON WETLAND  
RESTORATION**

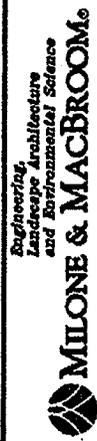
CITY OF BRISTOL, CONNECTICUT

DATE: 1/4/07

SHEET:

SCALE: 1" = 60'

**1B**



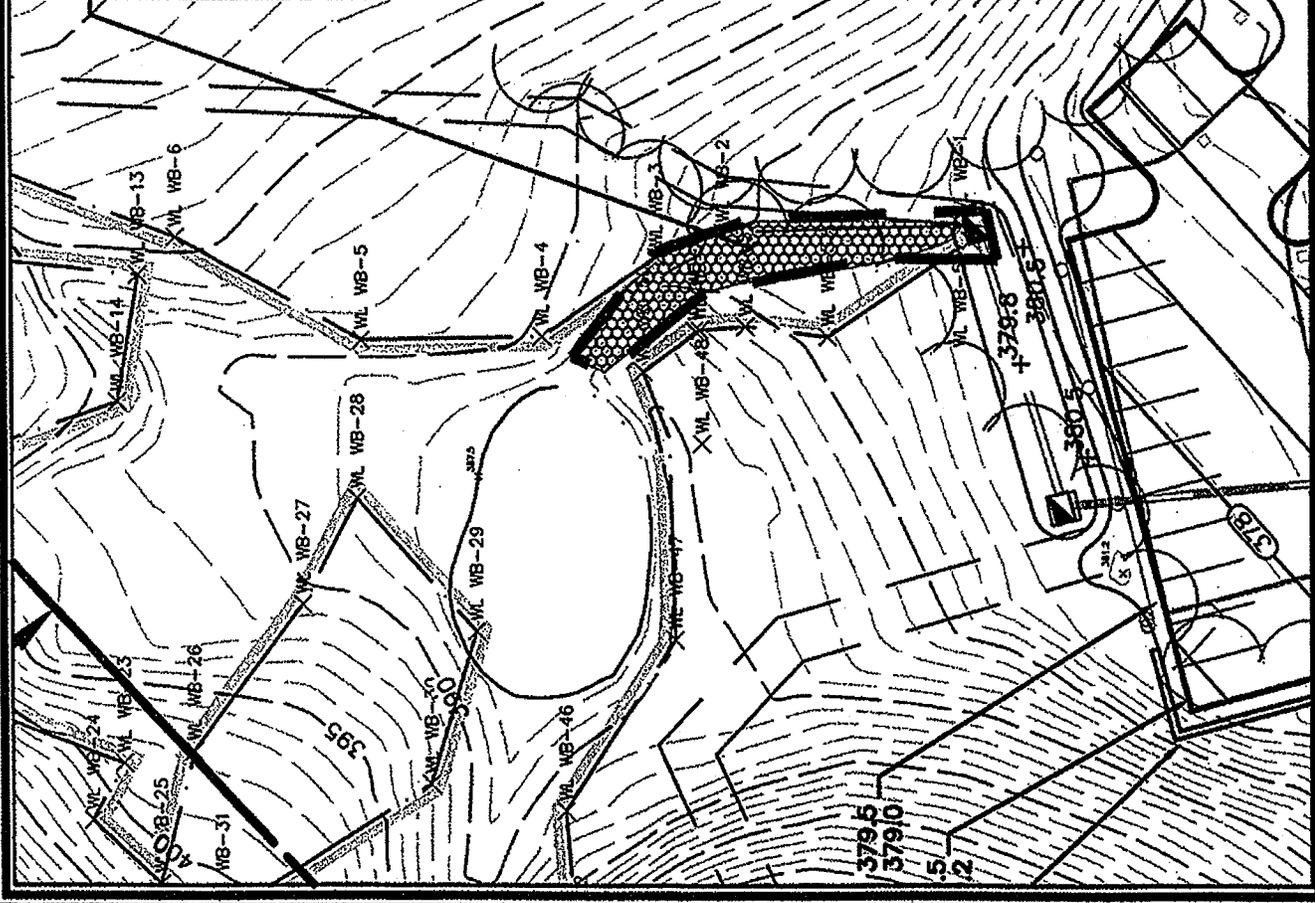
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**401 & 404 REGULATED WETLAND ACTIVITY:**  
 WORK TO BE PERFORMED WITHIN OVERFLOW CHANNEL AND  
 WITHIN UPLAND REVIEW AREA.

INSTALLATION OF RIVER COBBLES ALONG OVERFLOW CHANNEL,  
 CONVERSION OF CLCB TOPS TO D-G TOPS, REGRADING AT  
 STRUCTURE.

APPROXIMATE AREA OF DIRECT WETLAND DISTURBANCE:  
 ±705 SF (0.016 ACRES)



**IMPROVEMENTS TO ROCKWELL PARK  
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**SITE PLAN - GRADING & STATE  
 AND FEDERAL REGULATED ACTIVITIES**

CITY OF BRISTOL, CONNECTICUT

DATE: 1/4/07

SHEET:

SCALE: 1" = 40'

**2**

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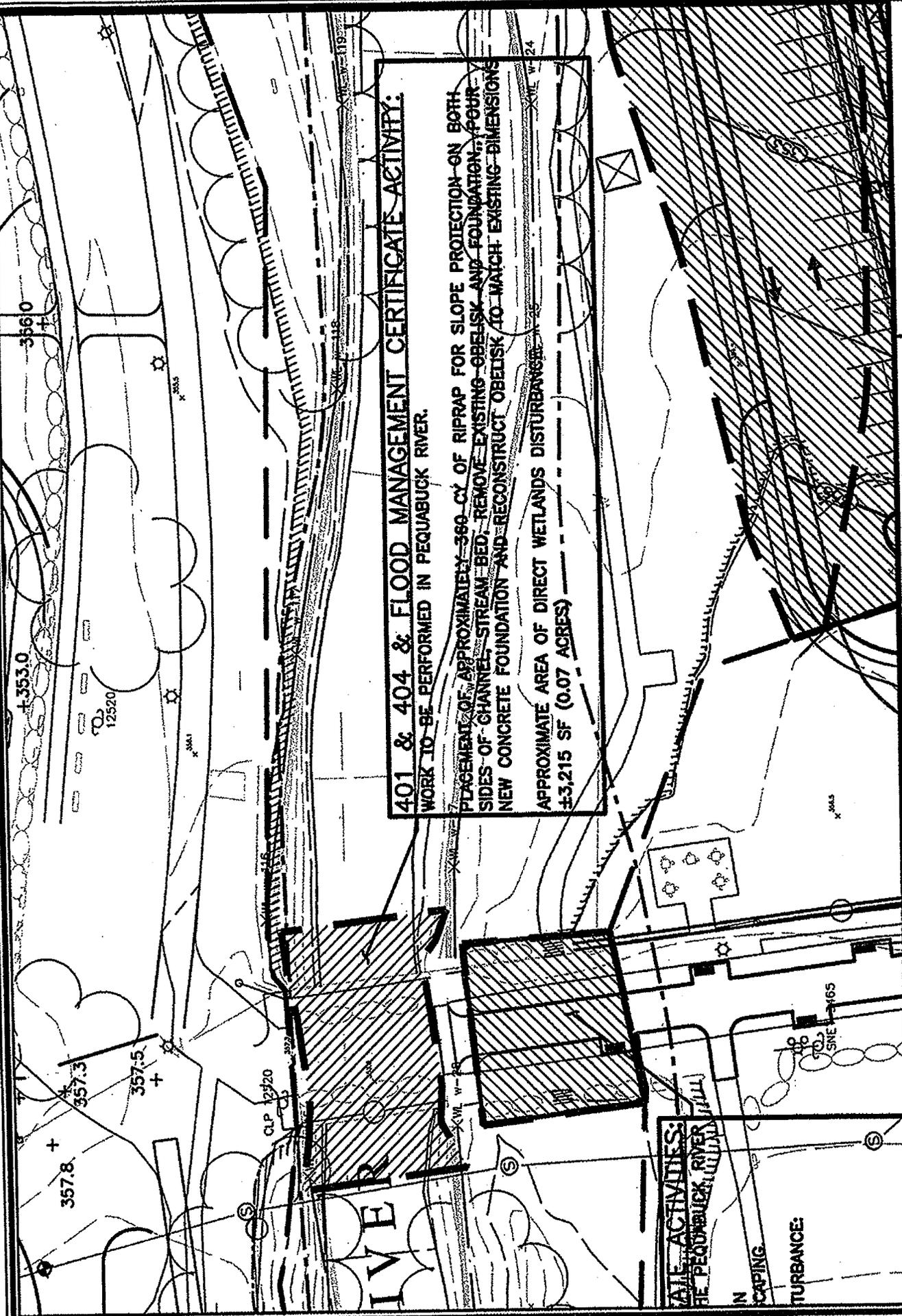
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**401 & 404 & FLOOD MANAGEMENT CERTIFICATE ACTIVITY:**

WORK TO BE PERFORMED IN PEQUABUCK RIVER.

PLACEMENT OF APPROXIMATELY 360 CY OF RIPRAP FOR SLOPE PROTECTION ON BOTH SIDES OF CHANNEL, STREAM BED, REMOVE EXISTING OBELISK AND FOUNDATION, FOUR NEW CONCRETE FOUNDATION AND RECONSTRUCT OBELISK TO MATCH EXISTING DIMENSIONS

APPROXIMATE AREA OF DIRECT WETLANDS DISTURBANCE ±3,215 SF (0.07 ACRES)



CITY OF BRISTOL, CONNECTICUT

IMPROVEMENTS TO ROCKWELL PARK  
BRISTOL PARKS REVITALIZATION

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DATE: 1/4/07  
SCALE: 1" = 40'

SITE PLAN - GRADING & STATE  
AND FEDERAL REGULATED ACTIVITIES

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AS  
MA

**401 & 404 WETLAND REGULATED ACTIVITY & FLOOD MANAGEMENT CERTIFICATE ACTIVITIES:**  
 WORK TO BE PERFORMED WITHIN PEQUABUCK RIVER

REMOVE EXISTING CONCRETE FLARED END SECTION AND INSTALL PLASTIC FLARED END SECTION (ASSOCIATED WITH NEW 24" HPDE) - INSTALL RIPRAP AS DIRECTED BY ENGINEER IN FIELD TO STABILIZE OUTFALL

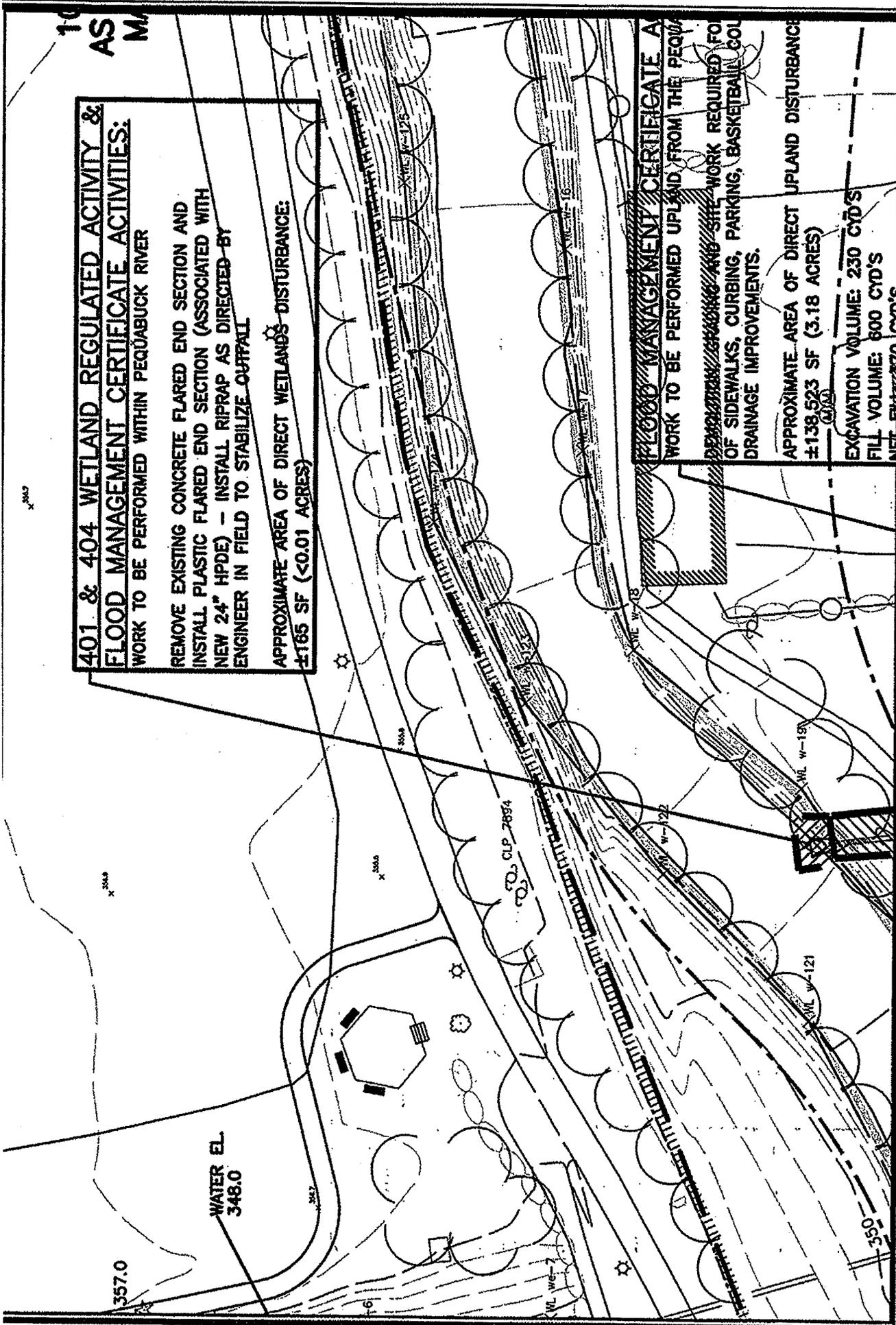
APPROXIMATE AREA OF DIRECT WETLANDS DISTURBANCE: ±165 SF (<0.01 ACRES)

**FLOOD MANAGEMENT CERTIFICATE A**  
 WORK TO BE PERFORMED UPLAND FROM THE PEQUABUCK RIVER

DEMOLITION GRADING AND SITE WORK REQUIRED FOR SIDEWALKS, CURBING, PARKING, BASKETBALL COURT DRAINAGE IMPROVEMENTS.

APPROXIMATE AREA OF DIRECT UPLAND DISTURBANCE: ±138,523 SF (3.18 ACRES)

EXCAVATION VOLUME: 230 CYD'S  
 FILL VOLUME: 600 CYD'S



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**IMPROVEMENTS TO ROCKWELL PARK  
 BRISTOL PARKS REVITALIZATION**

**SITE PLAN - GRADING & STATE  
 AND FEDERAL REGULATED ACTIVITIES**

**CITY OF BRISTOL, CONNECTICUT**

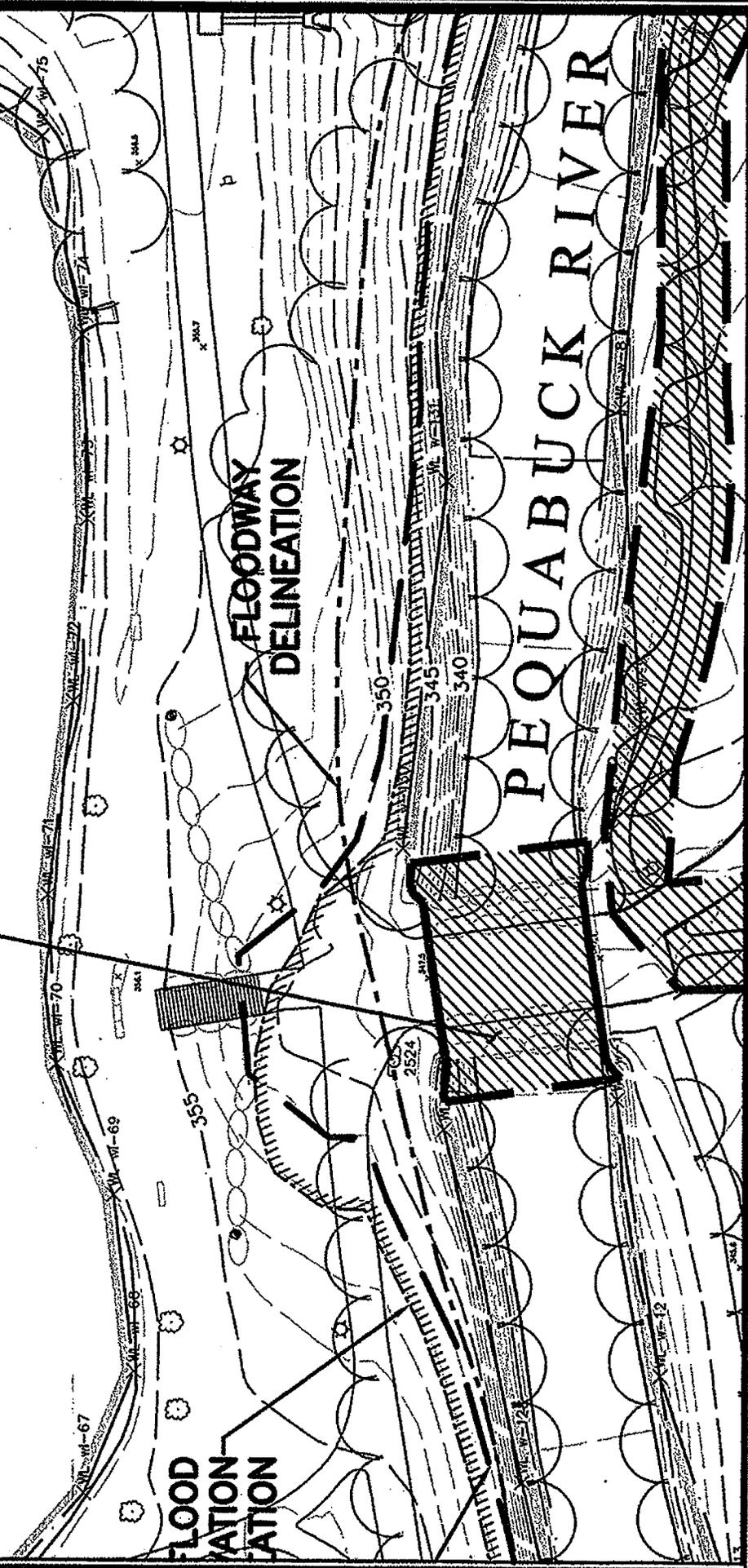
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 SCALE: 1" = 40'  
 SHEET: 4

**401 & 404 WETLAND REGULATED ACTIVITY & FLOOD MANAGEMENT CERTIFICATE**

**ACTIVITIES:**  
 WORK TO BE PERFORMED IN PEQUABUCK RIVER

PLACEMENT OF 92 CY OF RIPRAP FOR SLOPE PROTECTION ON BOTH SIDES OF CHANNEL, STREAM BED

APPROXIMATE AREA OF DIRECT WETLANDS DISTURBANCE: ±2,475 SF (0.06 ACRES)



**CITY OF BRISTOL, CONNECTICUT**

DATE: 1/4/07  
 SCALE: 1" = 40'

**IMPROVEMENTS TO ROCKWELL PARK  
 BRISTOL PARKS REVITALIZATION**

**SITE PLAN - GRADING & STATE  
 AND FEDERAL REGULATED ACTIVITIES**

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