

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107
and

THE S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N # 2005-1X-068-W

APRIL 1, 2005

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341, an application has been submitted to the Department of the Army and the State of South Carolina by

GENETIC ENDOWMENT OF SOUTH CAROLINA
C/O DR. ROGER STEVENSON
1 GREGOR MENDEL CIRCLE
GREENWOOD SOUTH CAROLINA 29646

for a permit to construct an impoundment in an unnamed tributary of

HARD LABOR CREEK

located approximately 0.5 mile northeast of the intersection of S.C. Highway 225 By-Pass and West Alexander Avenue in Greenwood County, South Carolina (Latitude 34.17553, Longitude 82.16833)

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, MAY 2, 2005

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of constructing an approximate 8-acre impoundment. In detail, the applicant proposes to construct an embankment that will serve as a multi-purpose dam and interior road within a proposed industrial development. The project involves constructing a dam/road across a 200 foot section of stream with a top width of 51 feet (31 feet wide with 10 foot wide shoulders on each side). Approximately 200 linear feet (0.06 acres) of stream will be filled for the construction of the dam and approximately 1,100 linear feet (0.33 acres) of stream will be flooded. The pond will utilize an aluminum riser pipe and culvert for the overflow. The pond will have a maximum of 3:1 side slopes. In addition, two road crossings (totaling 0.016 acres of stream impact), as depicted on plan view, are being considered for provisional authorization under Nationwide permit #14. The purpose of the proposed work is to construct a multi-purpose road/embankment to create a pond as an aesthetic amenity and a stormwater management facility for a proposed industrial development.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards (Section 401 of the Clean Water Act). The District Engineer will not process this application to a conclusion until such certification is received. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State certification or the navigable waters permit must submit all comments in writing to the S. C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.39 acres of freshwater substrates inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Refer to: P/N # 2005-1X-068-W

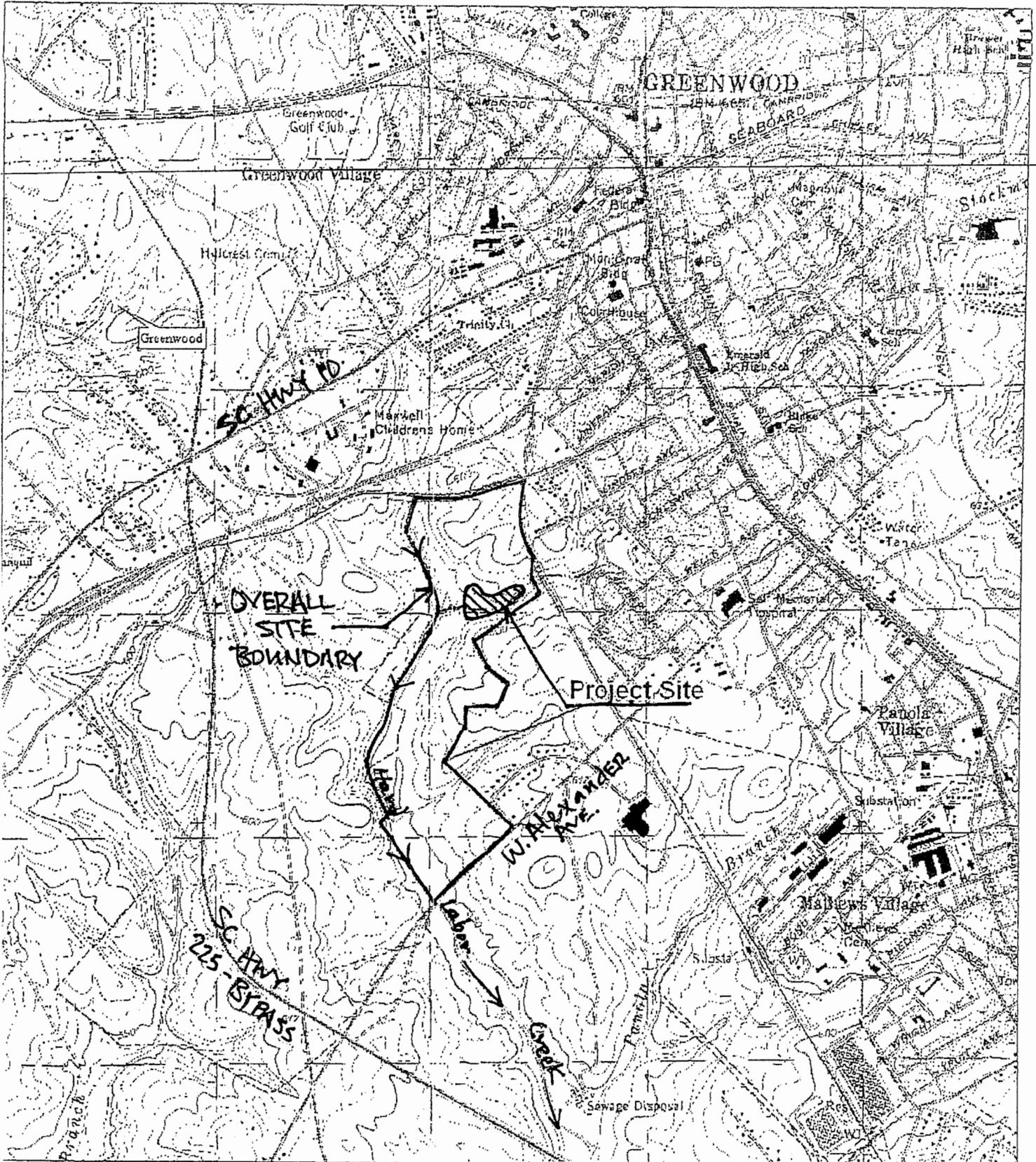
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

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 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 project. 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 activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Elizabeth Jackson
Project Manager
Regulatory Division
U.S. Army Corps of Engineers

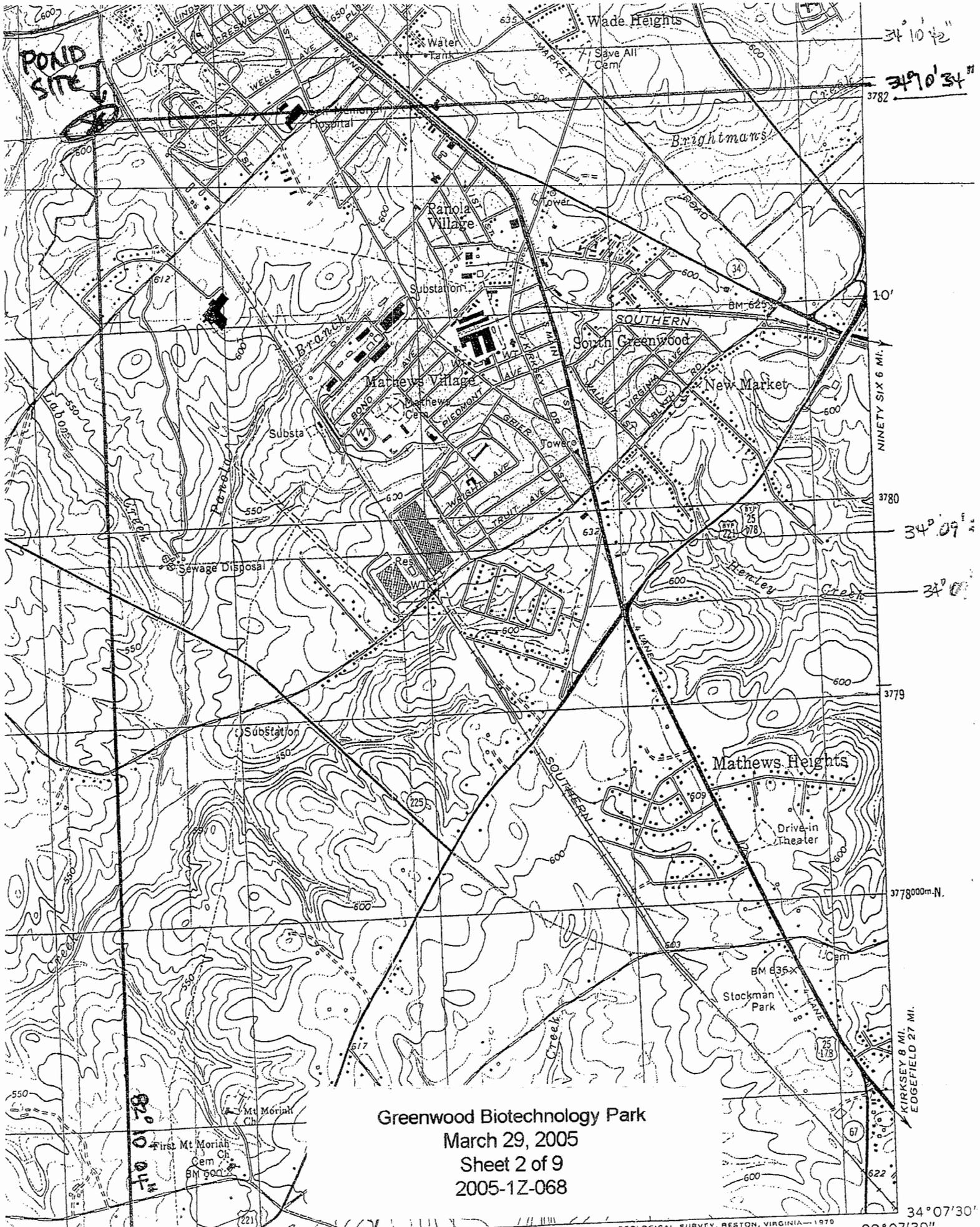


SITE LOCATION MAP



Greenwood Biotechnology Park
 March 29, 2005
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Project:	Greenwood Biotech Park	
Location:	Greenwood County, South Carolina	
F&R Project No.:	ID65-176T	
7.5 Min. Topo Quad:	"Greenwood, SC" dated 1978	
Date: 2/2003	Approximate Scale: 1" = 2000'	Figure No.: 1



POND SITE

34° 10' 42"

34° 10' 34"

10'

3780

34° 09' 42"

34° 0'

3779

3778000m.N.

KIRKSEY 8 MI.
EDGEFIELD 27 MI.

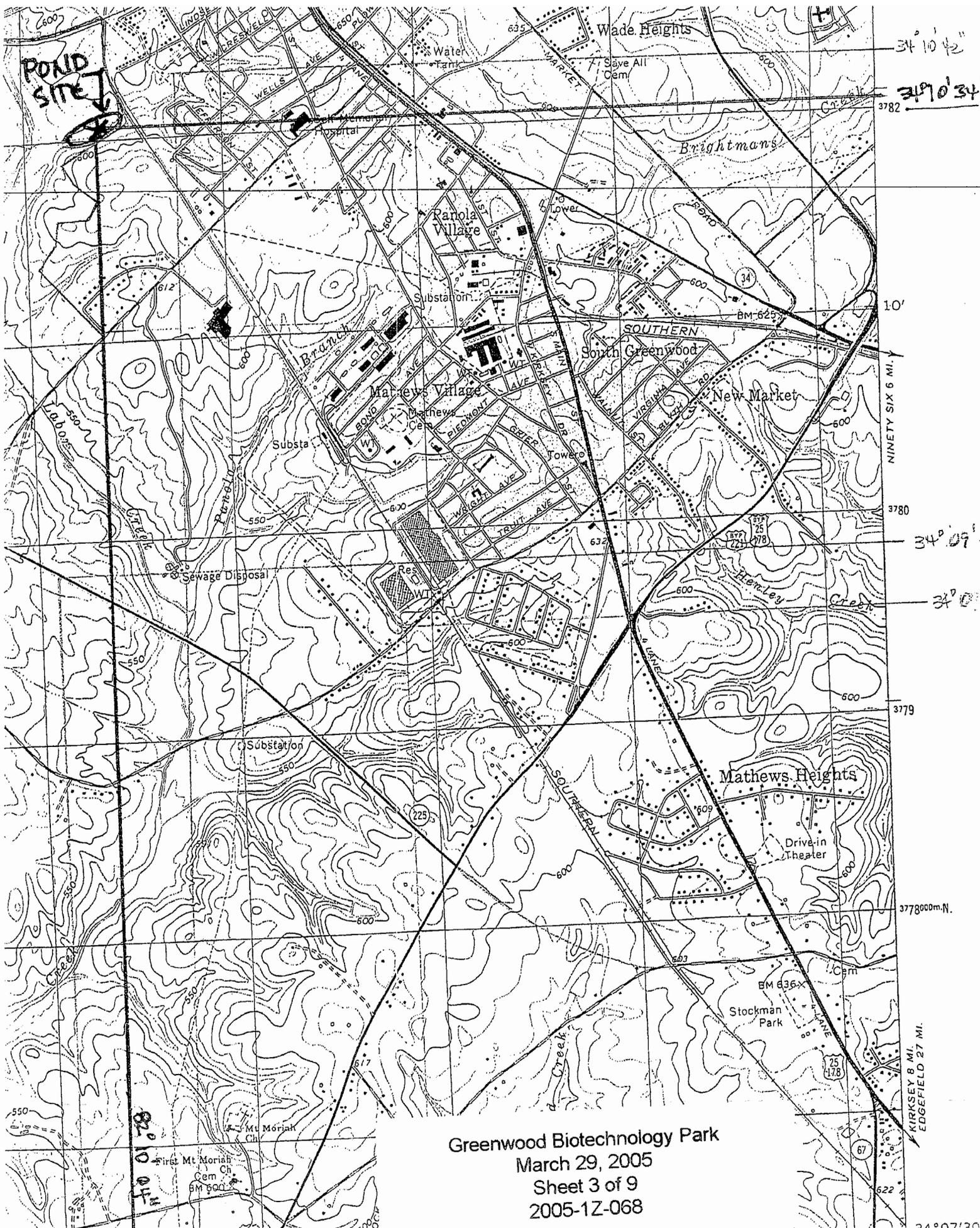
34° 07' 30"
82° 07' 30"

BRADLEY 9 MI.
MC CORMICK 19 MI.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1970

395000m.E.
ROAD CLASSIFICATION

(KIRKSEY 4E)



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© INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1970
 395000m.E.

ROAD CLASSIFICATION

34° 07' 30" N
 82° 07' 30" W

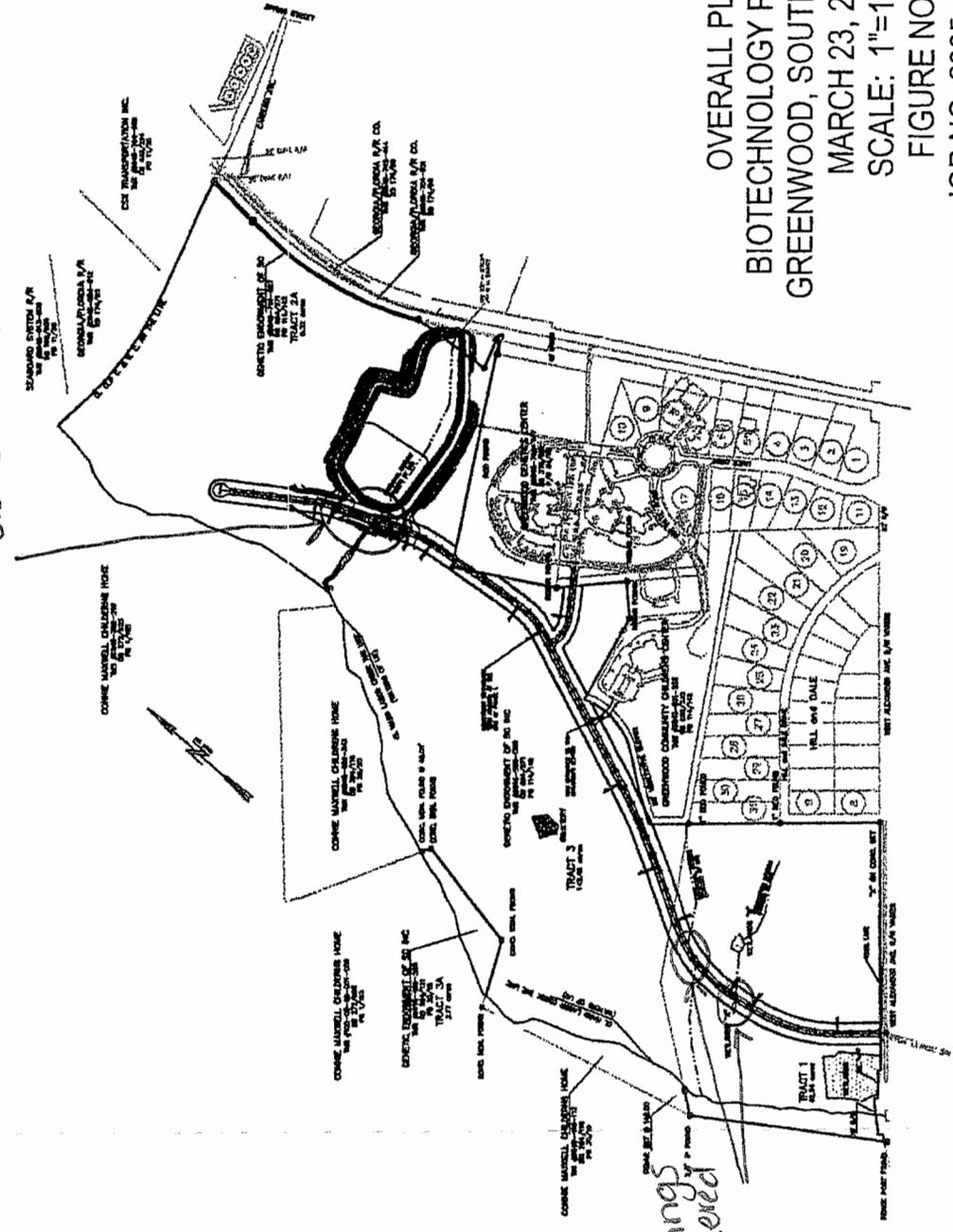
4.1KIP



OVERALL PLAN
FOR THE
BIOTECHNOLOGY PARK
GREENWOOD, SOUTH CAROLINA

DATE	NOV 11 2005
BY	HEA
CHECKED BY	HEA
SCALE	1"=1000'
TITLE	OVERALL PLAN
PROJECT	BIOTECHNOLOGY PARK
LOCATION	GREENWOOD, SC
CLIENT	GREENWOOD BIOTECHNOLOGY PARK
DESIGNED BY	HEA
DRAWN BY	HEA
IN CHARGE	HEA
APPROVED BY	HEA
DATE	MAR 23 2005

*Proposed Road/Dam
2005-12-068*

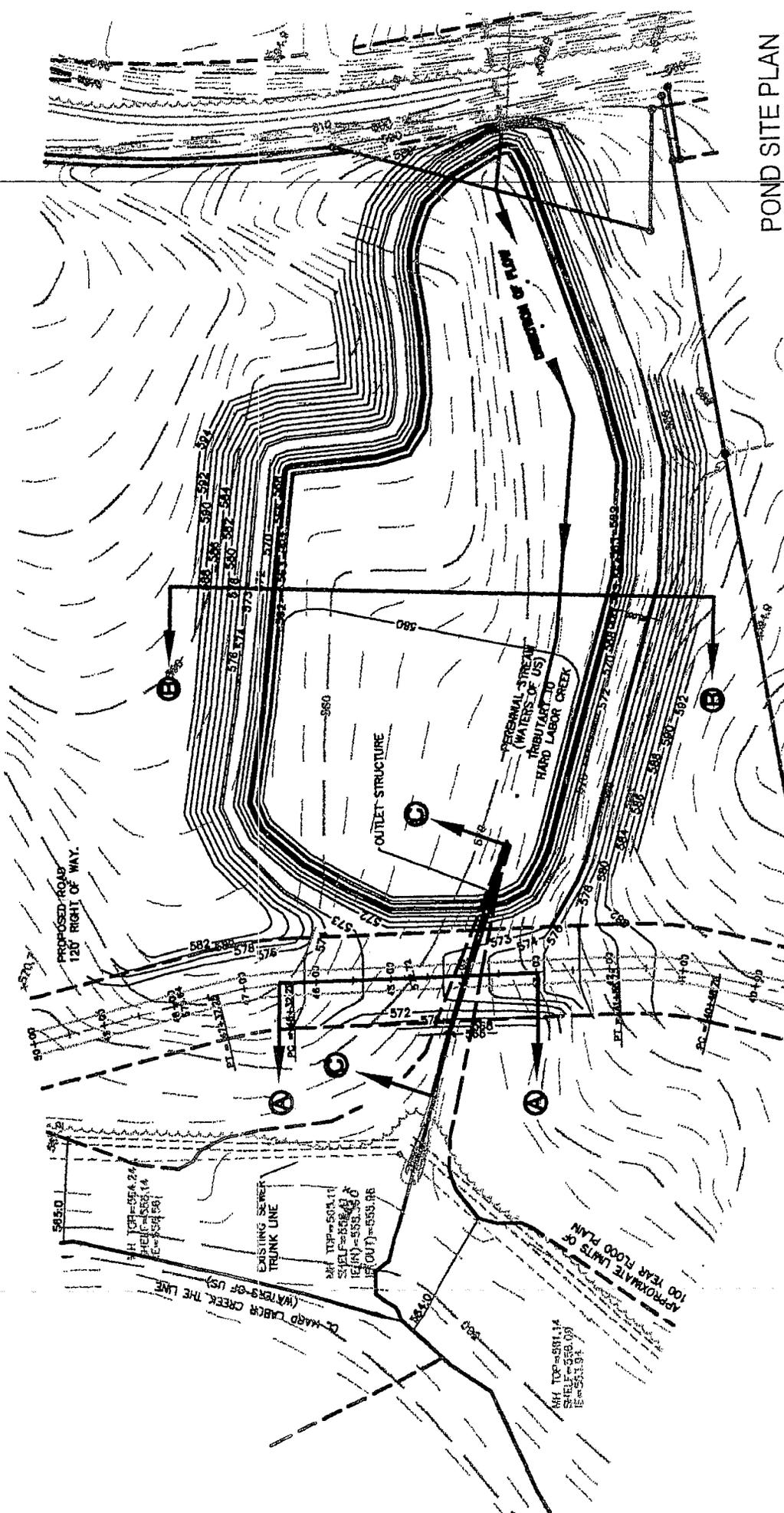


*Road Crossings
being considered
for NWP*

OVERALL PLAN
BIOTECHNOLOGY PARK LAKE
GREENWOOD, SOUTH CAROLINA
MARCH 23, 2005
SCALE: 1"=1000'
FIGURE NO. 1
JOB NO. 2005-40-033

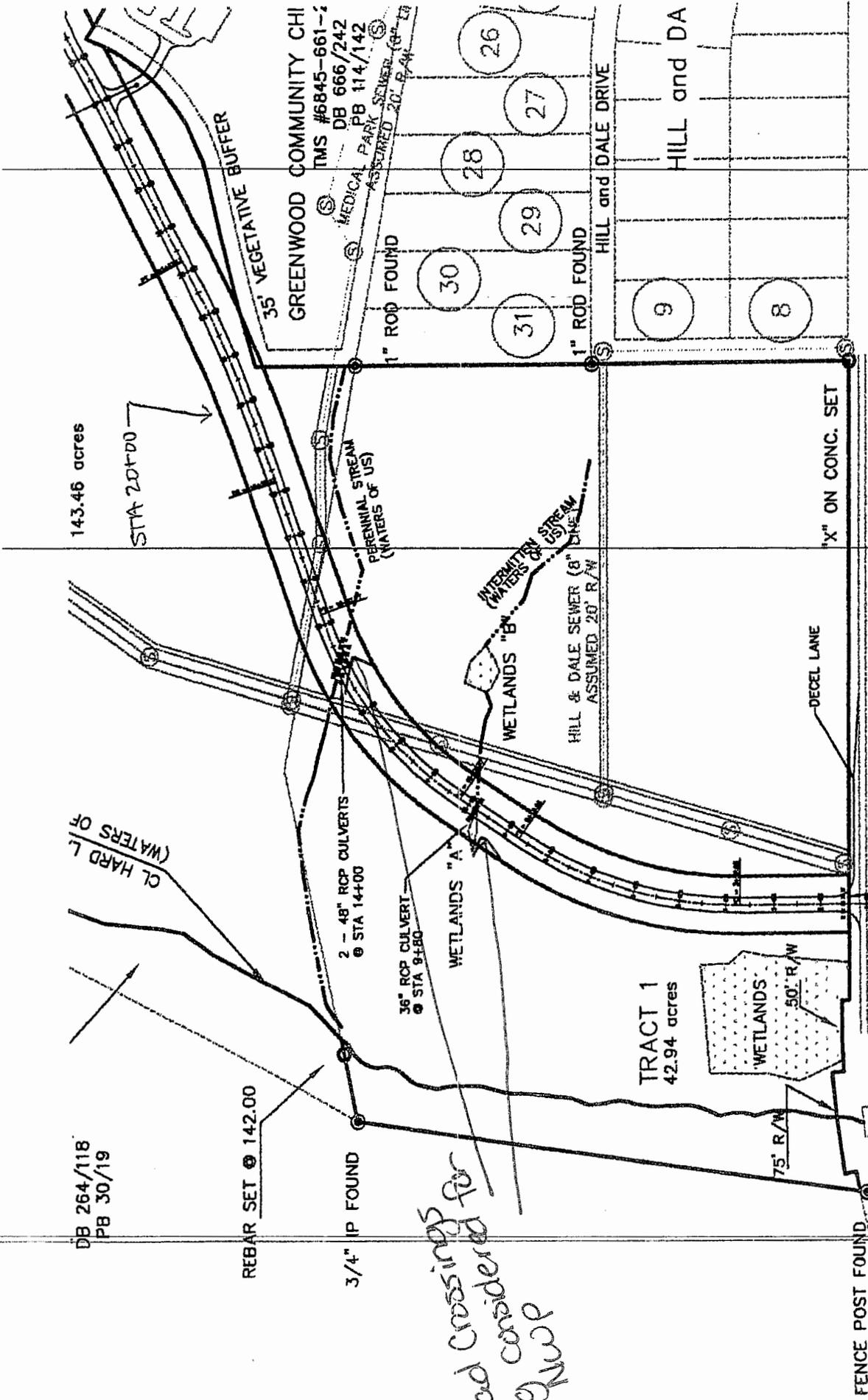


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POND SITE PLAN
 BIOTECHNOLOGY PARK LAKE
 GREENWOOD, SOUTH CAROLIN
 MARCH 23, 2005
 SCALE: 1"=200'
 FIGURE NO. 2
 JOB NO. 2005-40-033

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143.46 acres

STA 20+00

CL HARD L (WATERS OF)

DB 264/118
PB 30/19

REBAR SET @ 142.00

3/4" IP FOUND

36" RCP CULVERT @ STA 9+80

WETLANDS "A"

TRACT 1
42.94 acres

WETLANDS
50' R/W

75' R/W

FENCE POST FOUND

STA 1+00

WEST ALEXANDER AVE. R/W VARIES
18" RCP

DECEL LANE

HILL & DALE SEWER (8" D.I.S.E.)
ASSUMED 20' R/W

WETLANDS "B"

INTERMITTENT STREAM (WATERS OF US)

PERENNIAL STREAM (WATERS OF US)

35' VEGETATIVE BUFFER

GREENWOOD COMMUNITY CHI
TMS #6845-661-2
DB 666/242
PB 114/142
MEDICAL PARK SEWER (8" D.I.S.E.)
ASSUMED 20' R/W

1" ROD FOUND

30

29

28

27

26

1" ROD FOUND

HILL and DALE DRIVE

HILL and DA

9

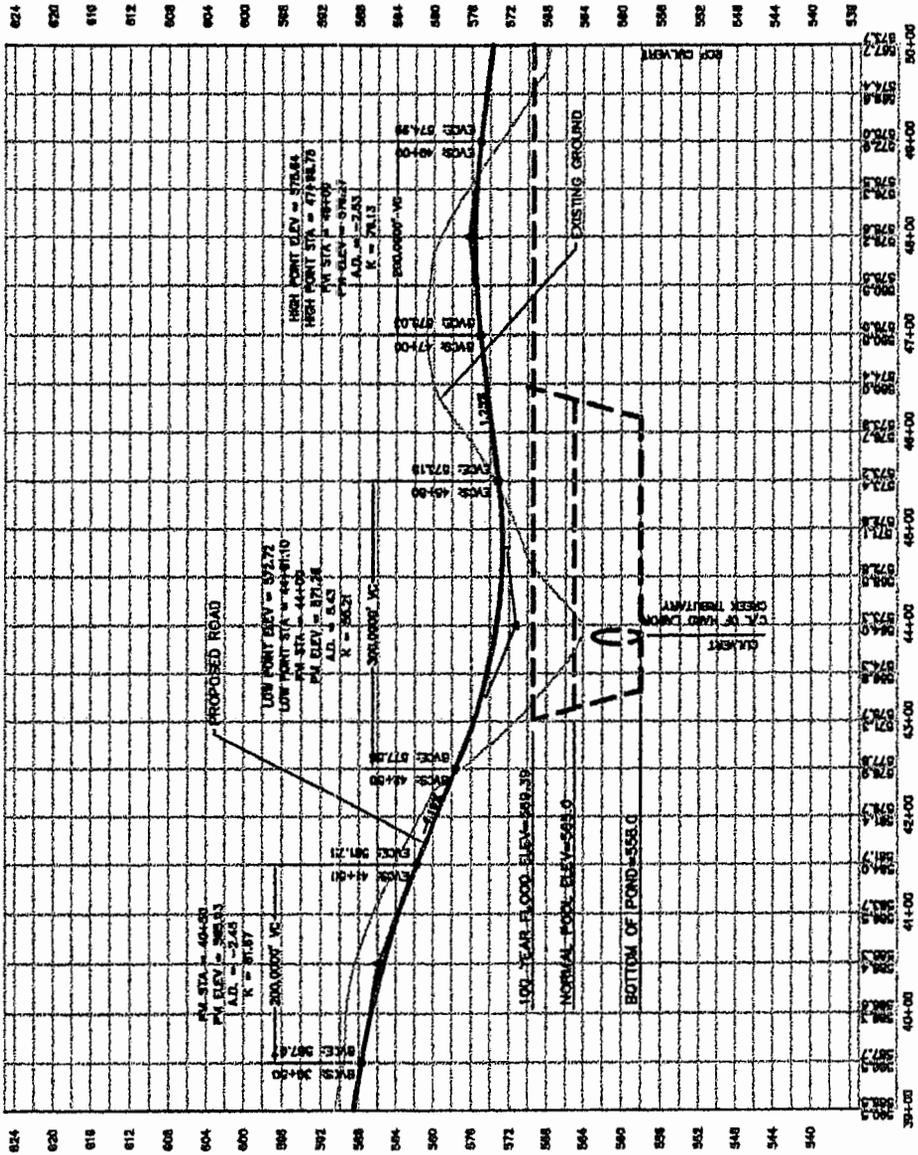
8

"X" ON CONC. SET

STA 1+00 TO STA 20+00
BIOTECHNOLOGY PARK ROAD
GREENWOOD, SOUTH CAROLINA
MARCH 23, 2005
SCALE: 1"=300'
FIGURE NO. 3
JOB NO. 2005-40-045

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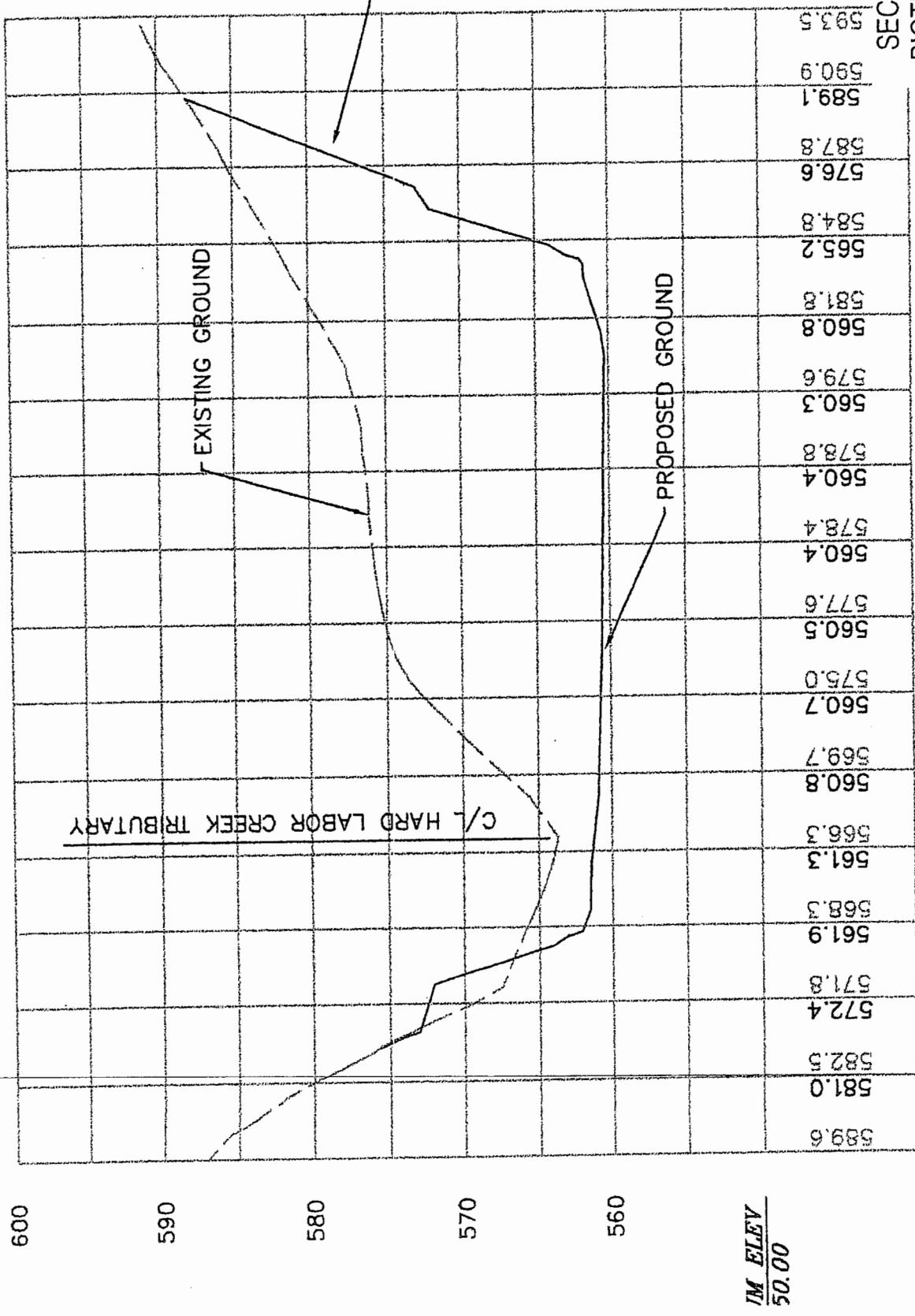
*Road crossings for
being NWP*



SECTION A-A OF POND SITE
 BIOTECHNOLOGY PARK LAKE
 GREENWOOD, SOUTH CAROLIN
 MARCH 23, 2005
 SCALE H: 1"=200'
 SCALE V: 1"=20'
 FIGURE NO. 3
 JOB NO. 2005-40-033

SECTION A-A

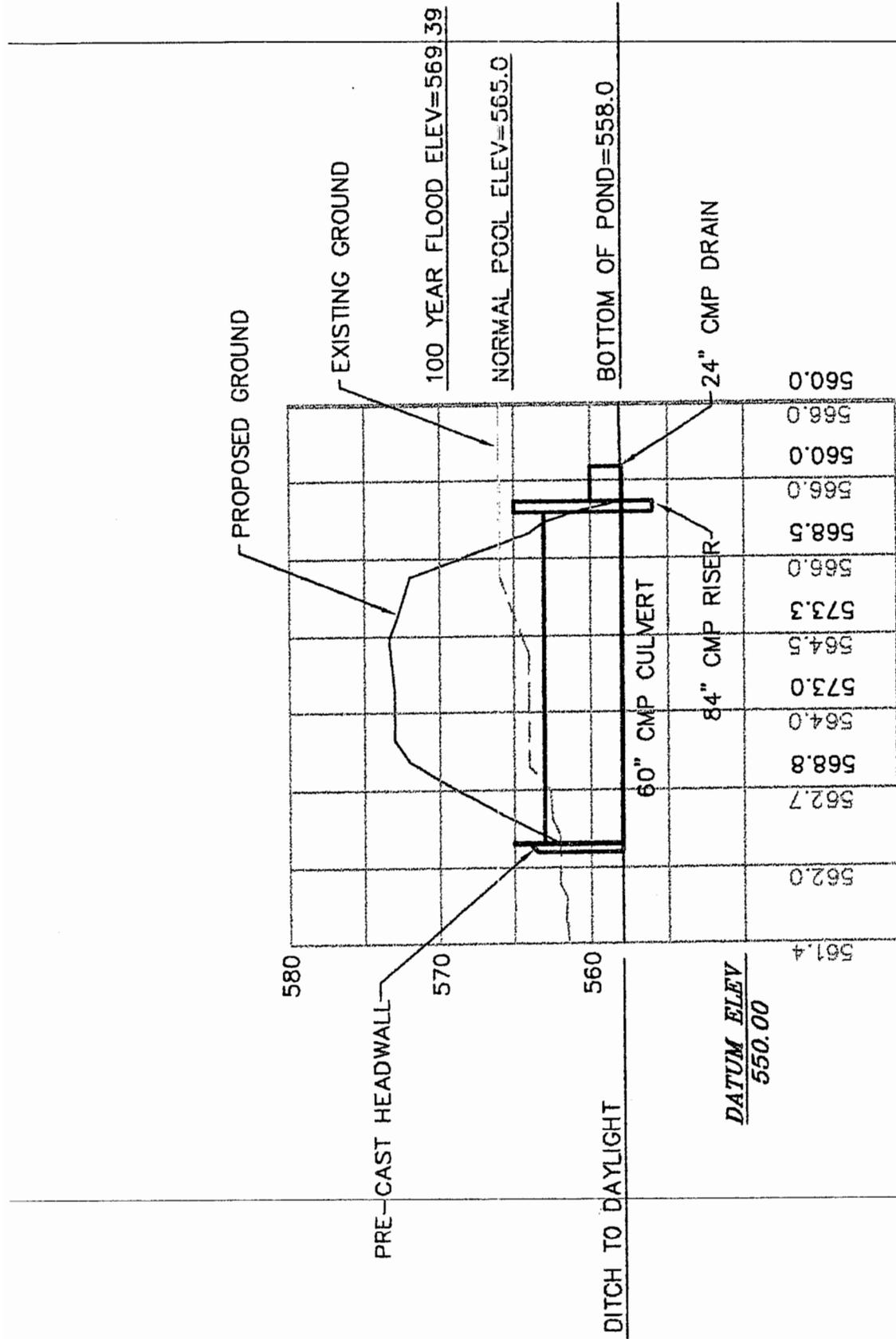
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SECTION B-B OF POND SITE
 BIOTECHNOLOGY PARK LAKE
 GREENWOOD, SOUTH CAROLINA
 MARCH 23, 2005
 SCALE H: 1"=100'
 SCALE V: 1"=10'
 FIGURE NO. 4

SECTION B-B

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SECTION C-C

SECTION C-C OF POND SITE
 BIOTECHNOLOGY PARK LAKE
 GREENWOOD, SOUTH CAROLINA
 MARCH 23, 2005
 SCALE H: 1"=100'
 SCALE V: 1"=10'
 FIGURE NO. 5
 JOB NO. 2005-40-033

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