

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 #2001-1A-524-W

6 DECEMBER 2002

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 South Carolina Department of Health and Environmental Control by

**GREENVILLE COUNTY RESEARCH AND
TECHNOLOGICAL DEVELOPMENT CORPORATION**
C/O WILLIAM D. WORKMAN, III
2 EXCHANGE STREET
GREENVILLE, SOUTH CAROLINA 29605

for an approval of plans and a permit to place fill material in wetlands adjacent to

GROVE CREEK

At two locations along Grove Creek Parkway and another location north of the Greenville Southern Connector in Greenville County, South Carolina. Latitude 34.7286, Longitude 82.4171

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, 6 JANUARY 2003

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

The proposed work consists of constructing two road crossings and a detention basin. In detail the applicant proposes to fill an additional 48.6 linear feet (0.017-acre) of stream at road crossing #1. Approximately 100 linear feet (0.03-acre) of stream has already been filled for this crossing. At road crossing # 2 the applicant proposes to fill 233 linear feet (0.08-acre) of stream. At the detention structure the applicant proposes to place a culvert in 143 linear feet (0.05-acre) of stream, place rip-rap in 64 linear feet (0.02-acre) of stream, and impact approximately 24 linear feet (0.005-acre) of stream. In order to resolve the enforcement case for the existing fill in wetlands the applicant agreed to preserve 9,954 linear feet (3.43 acres) of stream and 16.19 acres of upland buffer 50 feet wide on either side of the stream where property boundaries allow. As mitigation for the proposed work the applicant has agreed to preserve 4,069 linear feet (1.40-acre) of stream and 9.55 acres of upland buffer 50 feet wide on either side of the stream. The purpose of the proposed work is to provide a water detention structure and make road improvements to facilitate the development of an industrial park.

6 DECEMBER 2002

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. The District Engineer will not process this application to a conclusion until such certification is received. 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 Water Quality Certification 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 0.2-acre of fresh water wetlands and associated 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 #2001-1A-524-W

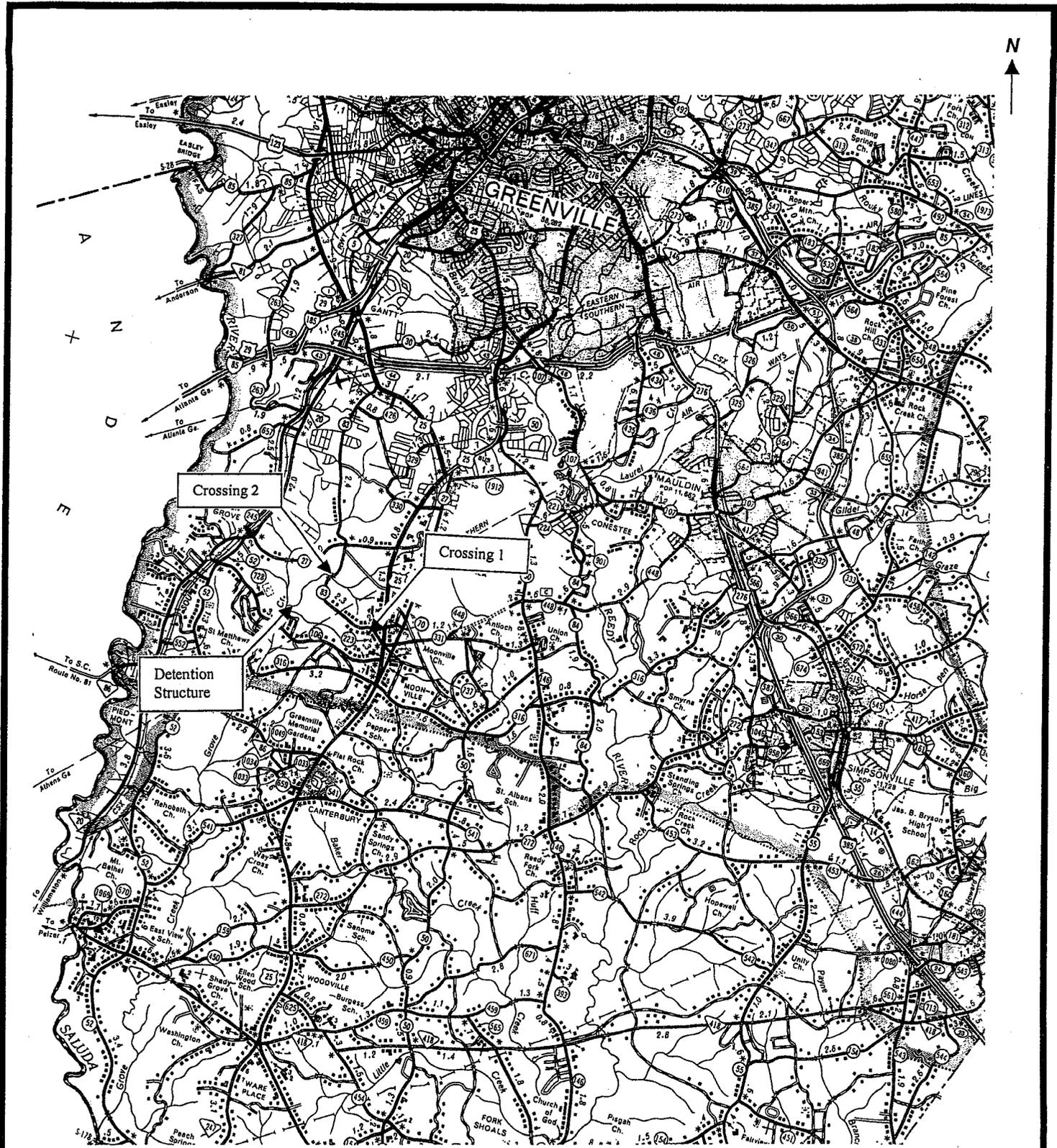
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 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.



Chris Dowling
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



Approximate Scale in Feet
1" = 12,000'

Source: South Carolina Wildlife Outdoor Guide, A County by County Atlas; Greenville County; SCDNR; 1994

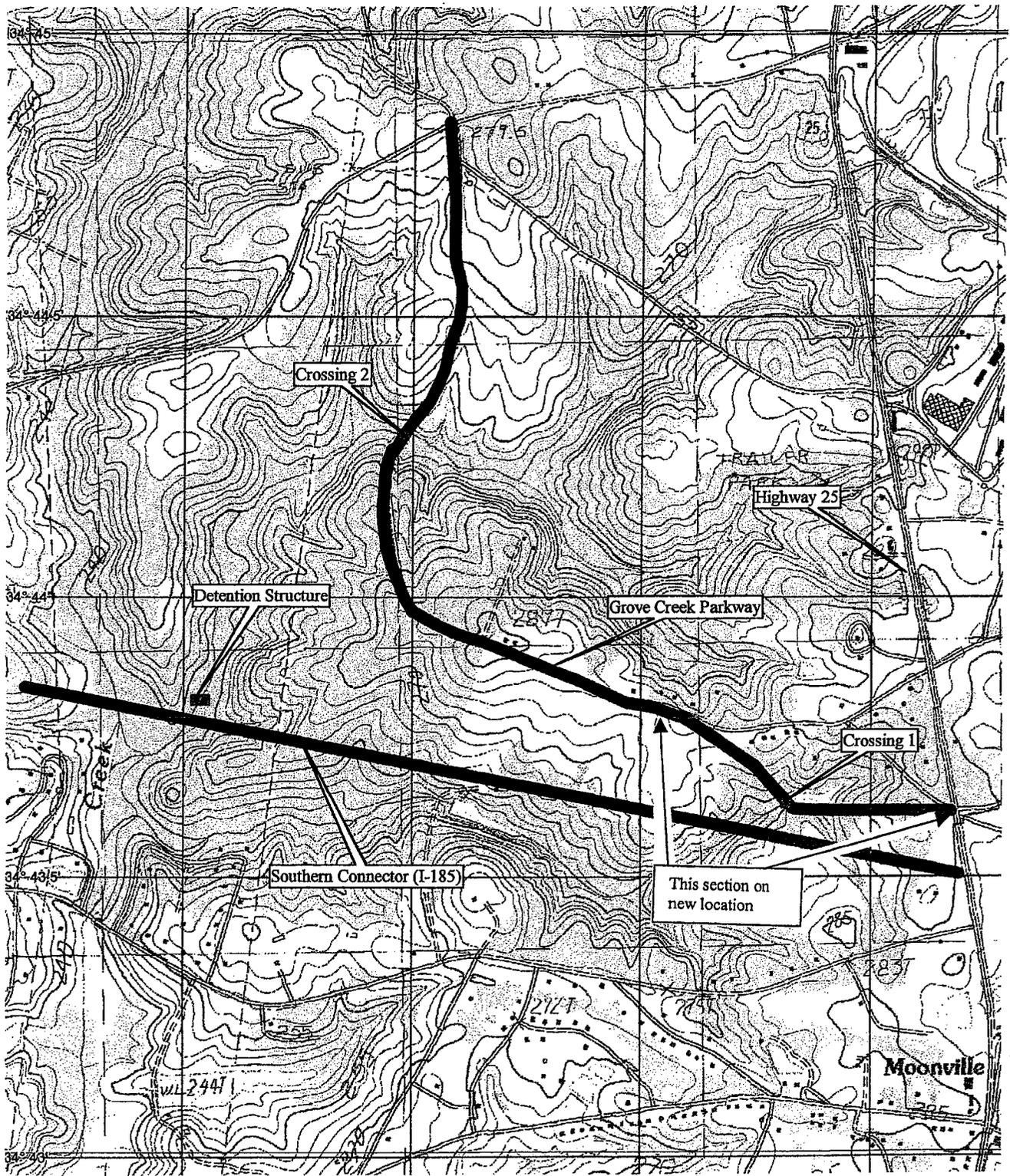
GCR&TDC
Greenville, South Carolina
Sheet 1 of 13

LAW
LAWGIBB Group Member
Columbia, South Carolina

Proposed Project Location
Grove Creek Parkway Improvements
and Detention Structure
Greenville County, South Carolina

Prepared by: *CML* Date: *1/30/02* Checked: *AWC* Date: *2/5/02* Job No. 30500-1-7888 Figure 1

20



Approximate Scale in Feet
1" = 1,600'

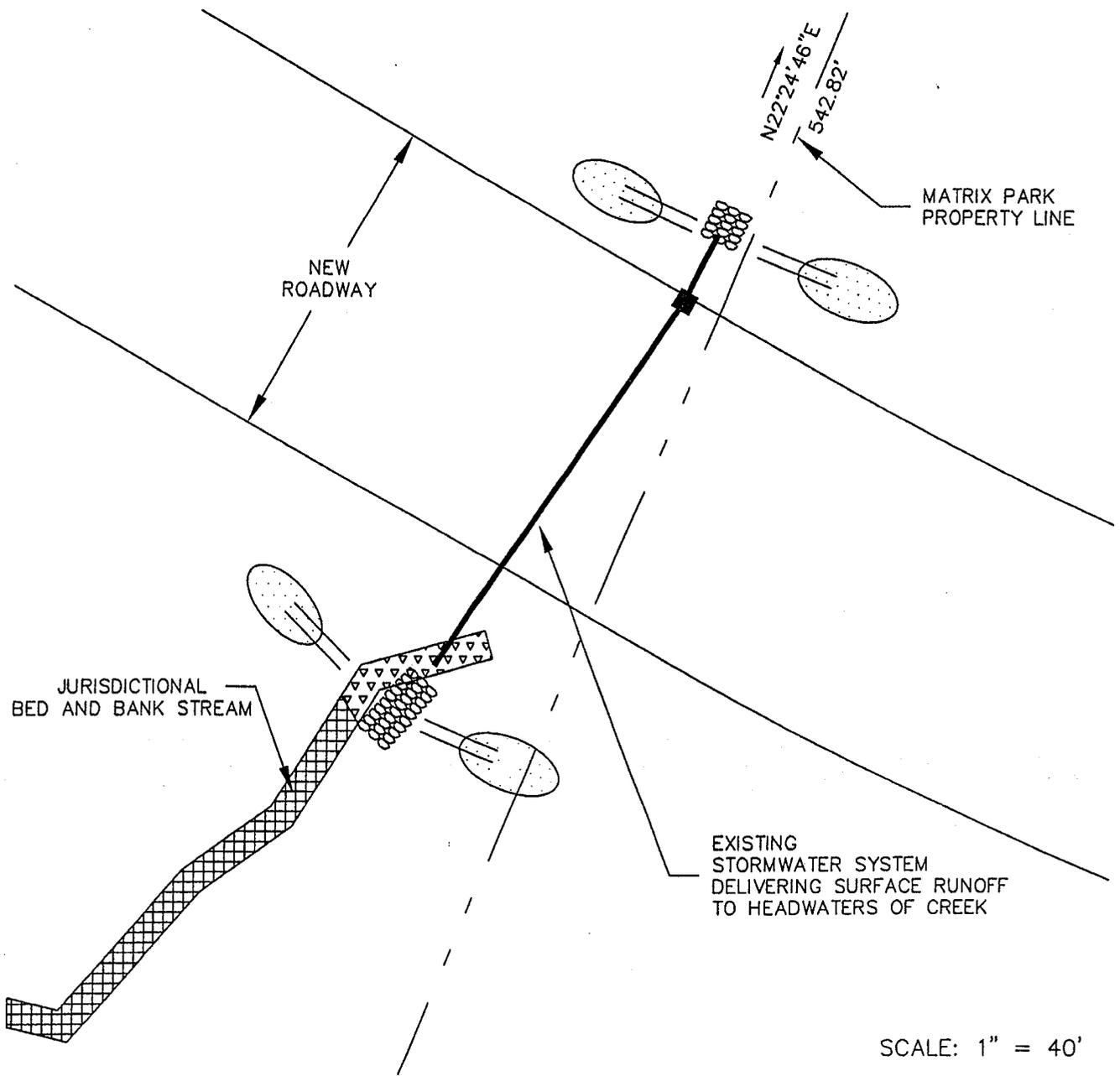
Source: USGS 7.5 Minute Topographic Quadrangle Map of Pelzer, SC, DeLorme Topo Quads, 1999

GCR&TDC
Greenville, South Carolina
Sheet 2 of 13

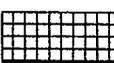
LAW
LAWGIBB Group Member
Columbia, South Carolina

Topographic Map
Grove Creek Parkway Improvements
and Detention Structure
Greenville County, South Carolina

Prepared by: CML Date: 1/30/02 Checked: RWL Date: 2/5/02 Job No. 30500-1-7888 Figure 2



SCALE: 1" = 40'

LEGEND	
	JURISDICTIONAL WATERS TO BE FILLED: 0.017 ACRES (48.66 LINEAR FEET OF STREAM)
	JURISDICTIONAL BED AND BANK STREAM TO REMAIN

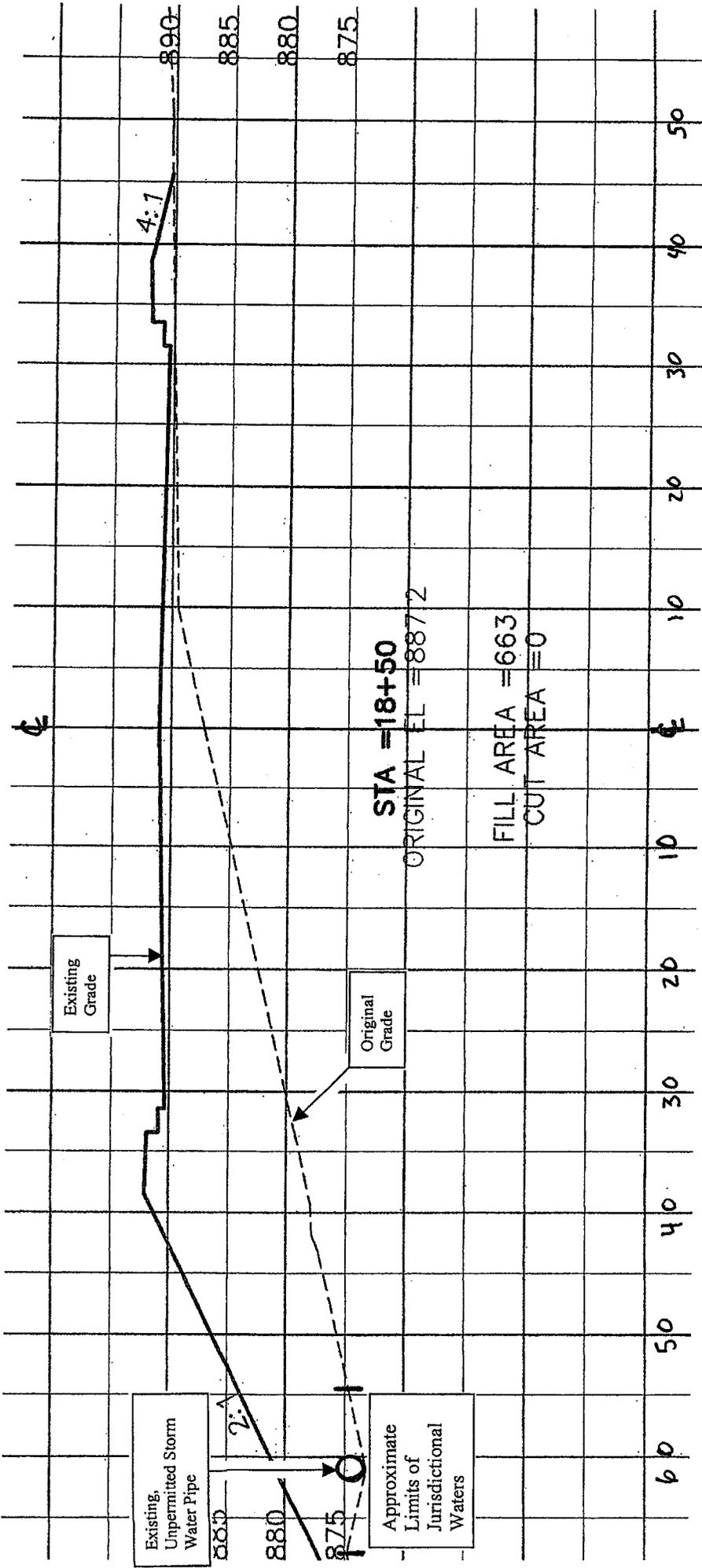
Source: H2L Consulting Engineers, October 14, 2002

GCR&TDC
Greenville, South Carolina
Sheet 3 of 13

 **MACTEC**
Columbia, South Carolina

Crossing 1 Schematic
Grove Creek Parkway Improvements
and Detention Structure
Greenville County, South Carolina

Prepared by: <i>RHB</i>	Date: <i>11/02</i>	Checked: <i>AWC</i>	Date: <i>11/25/02</i>	Job No. 30500-1-7888-03-905	Figure 3
-------------------------	--------------------	---------------------	-----------------------	-----------------------------	----------



Approximate Scale in Feet
1 block = 5' vert. and horiz.

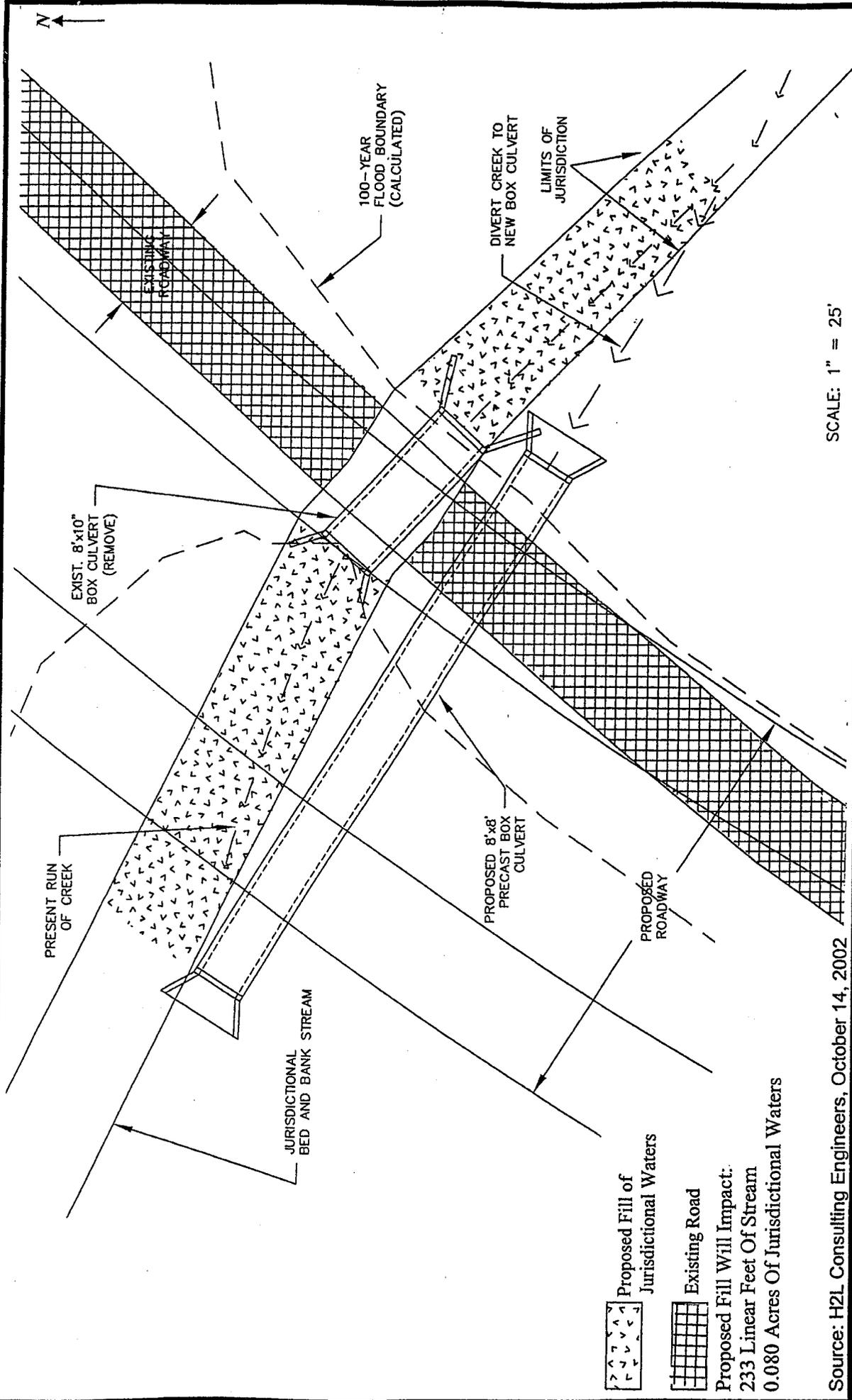
Source: H2L Consulting Engineers, July 24, 2001

Crossing 1 Cross-Section
Grove Creek Parkway Improvements and
Detention Structure
Greenville County, SC

LAW
LAWGIBB Group Member
Columbia, South Carolina

GCR&TDC
Greenville, South Carolina
Sheet 4 of 13

Prepared by: *CM* Date: *1/30/02* Checked by: *AWL* Date: *2/5/02* Job No. 30500-1-7888 Figure 4



SCALE: 1" = 25'

Source: H2L Consulting Engineers, October 14, 2002

Proposed Fill of Jurisdictional Waters
 Existing Road
 Proposed Fill Will Impact:
 233 Linear Feet Of Stream
 0.080 Acres Of Jurisdictional Waters

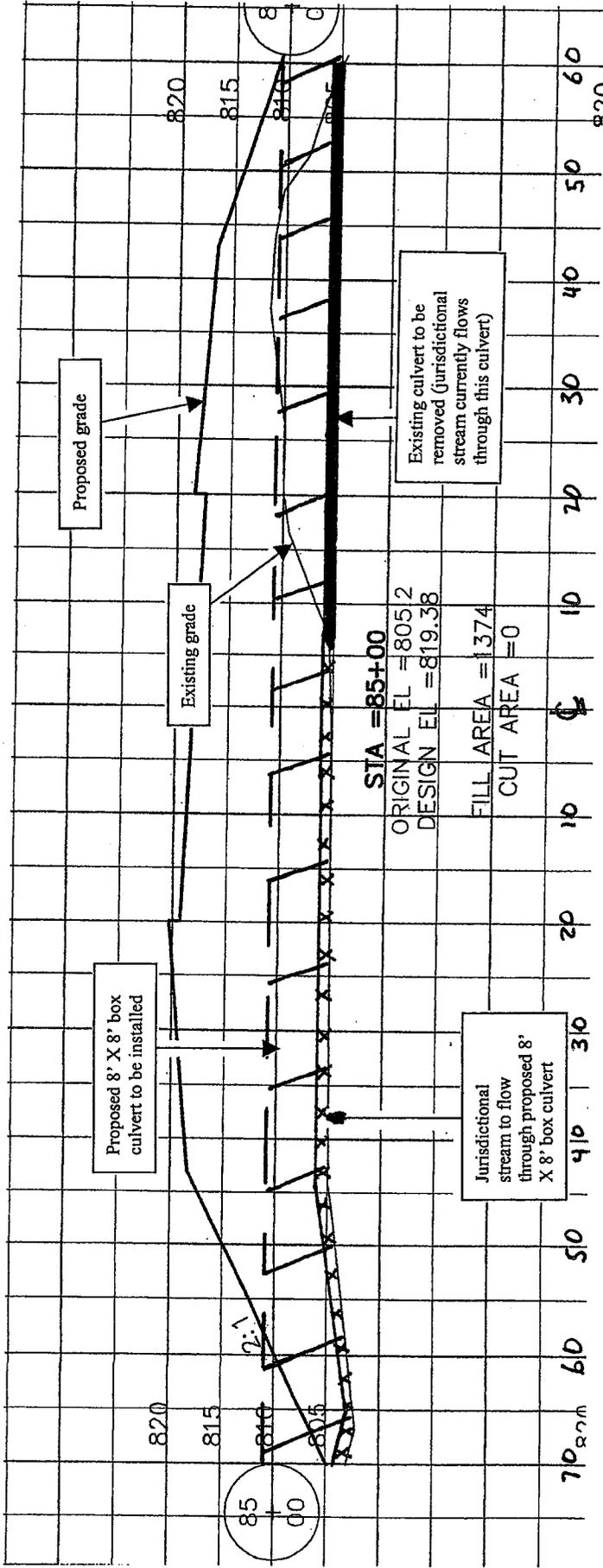


Columbia, South Carolina

Crossing 2 Schematic
 Grove Creek Parkway Improvements and
 Detention Structure
 Greenville County, SC

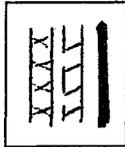
GCR&TDC
 Greenville, South Carolina

Sheet 5 of 13



STA = 85+00
 ORIGINAL EL = 805.2
 DESIGN EL = 819.38
 FILL AREA = 1374
 CUT AREA = 0

Legend



Jurisdictional Waters of the U.S. (Stream to be routed through 8' X 8' box culvert)
 Proposed 8' X 8' Box Culvert
 Existing Culvert to be Removed

Source: H2L Consulting Engineers, July 24, 2001

Approximate Scale in Feet
 1 block = 5' vert. and horiz.

LAW
LAWGIBB Group Member
 Columbia, South Carolina

Crossing 2 Cross-Section
 Grove Creek Parkway Improvements and
 Detention Structure
 Greenville County, SC

GCR&TDC
 Greenville, South Carolina
Sheet 6 of 13

Prepared by: *CML*

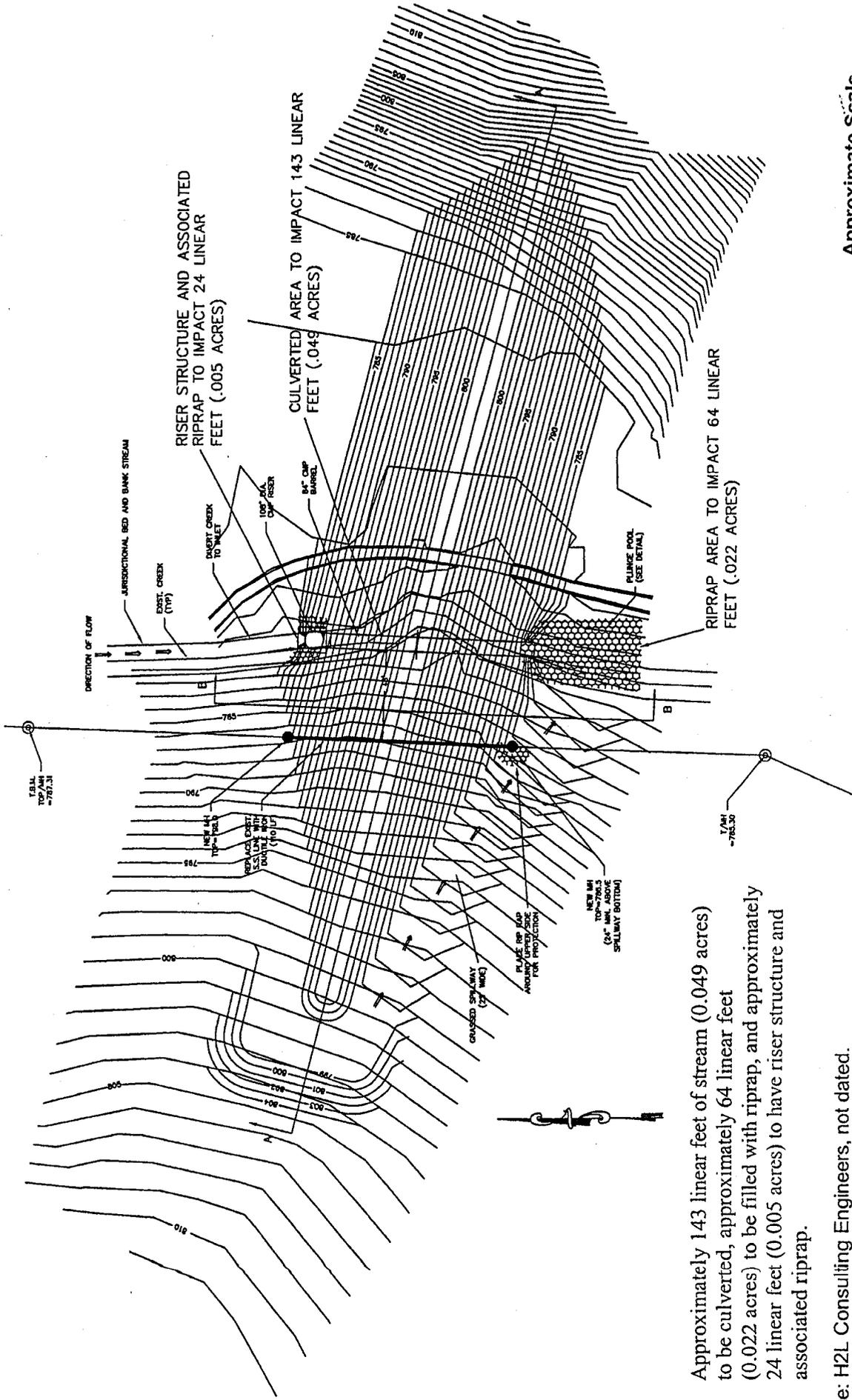
Date: *1/30/02*

Checked by: *AWC*

Date: *2/5/02*

Job No. 30500-1-7888

Figure 6



Approximate Scale
1" = 70'

Note: Approximately 143 linear feet of stream (0.049 acres) to be culverted, approximately 64 linear feet (0.022 acres) to be filled with riprap, and approximately 24 linear feet (0.005 acres) to have riser structure and associated riprap.

Source: H2L Consulting Engineers, not dated.



Columbia, South Carolina

Detention Structure Plan
Grove Creek Parkway Regional Detention Structure
Greenville County, SC

GCR&TDC
Greenville, South Carolina

Sheet 7 of 13

Prepared by: PHB

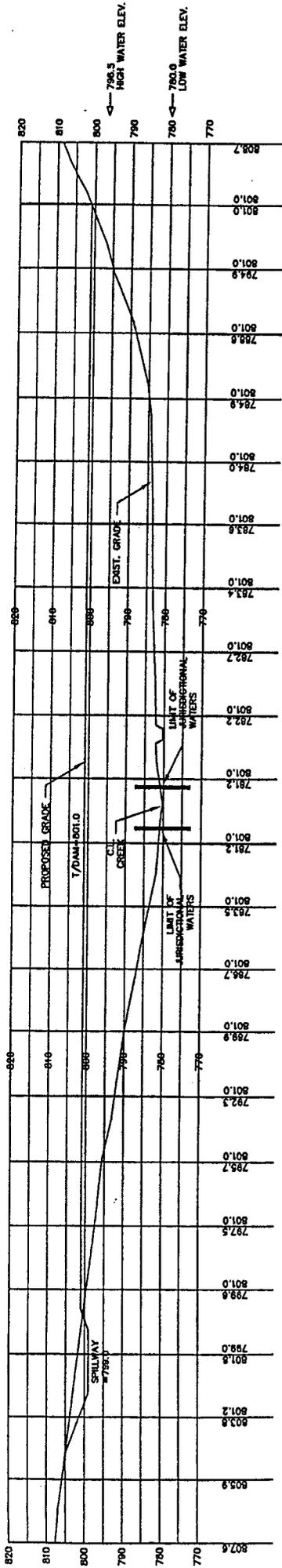
Date: 11/02

Checked by: ATWC

Date: 11/25/02

Job No. 30500-1-7888-03-905

Figure 7



Source: H2L Consulting Engineers, not dated.

Approximate Scale
 1" = 60' (H) 1" = 40' (V)

GCR&TDC
 Greenville, South Carolina

Sheet 8 of 13

Prepared by: R4D

Date: 11/02

Checked by: AWC

Date: 11/25/02

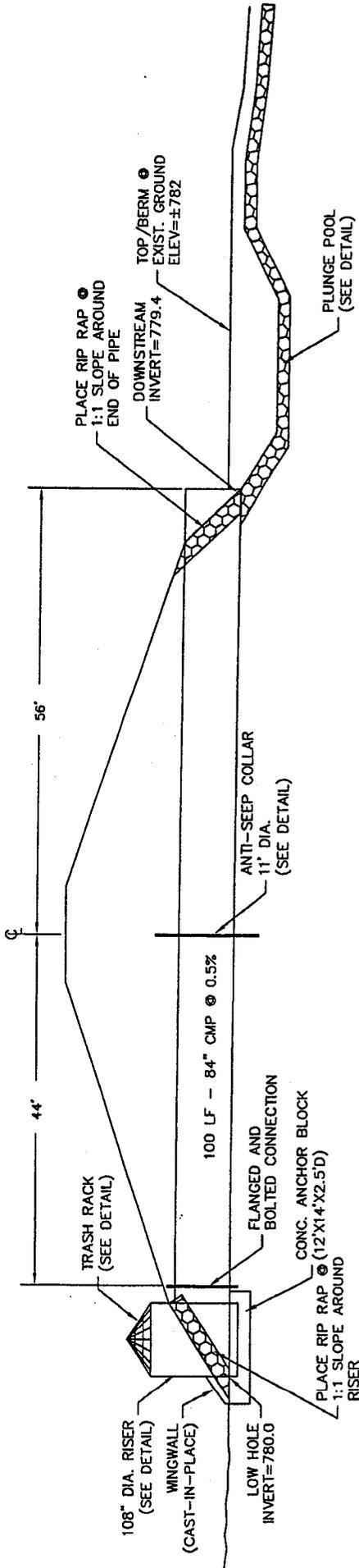
Job No. 30500-1-7888-03-905

Figure 8



Columbia, South Carolina

Detention Structure Section A - A
 Grove Creek Parkway Regional Detention
 Structure
 Greenville County, SC



Approximate Scale
 1 inch = 20 feet

Source: H2L Consulting Engineers, not dated.



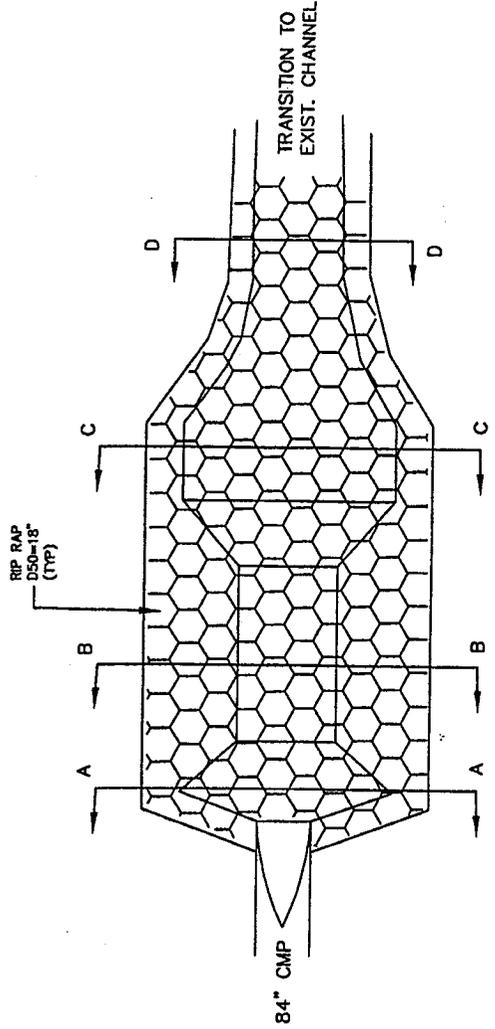
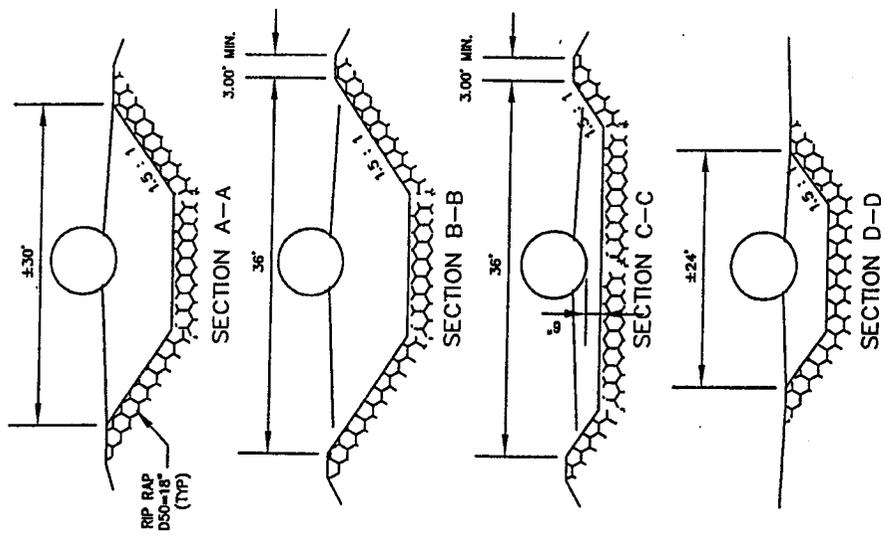
Columbia, South Carolina

Detention Structure Section B - B
 Grove Creek Parkway Regional Detention Structure
 Greenville County, SC

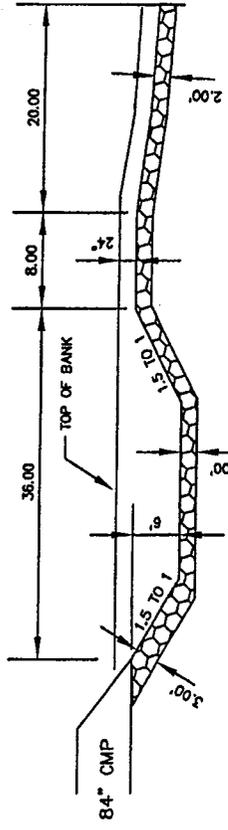
GCR&TDC
 Greenville, South Carolina

Sheet 9 of 13

Prepared by: RHC	Date: 1/02	Checked by: AWC	Date: 11/25/02	Job No. 30500-1-7888-03-905	Figure 9
------------------	------------	-----------------	----------------	-----------------------------	----------



PLAN VIEW



SIDE VIEW

Source: H2L Consulting Engineers, not dated.

Approximate Scale: As Shown

GCR&TDC
Greenville, South Carolina

Sheet 10 of 13



Columbia, South Carolina

Plunge Pool
Grove Creek Parkway Regional Detention
Structure
Greenville County, SC

Prepared by: RHB

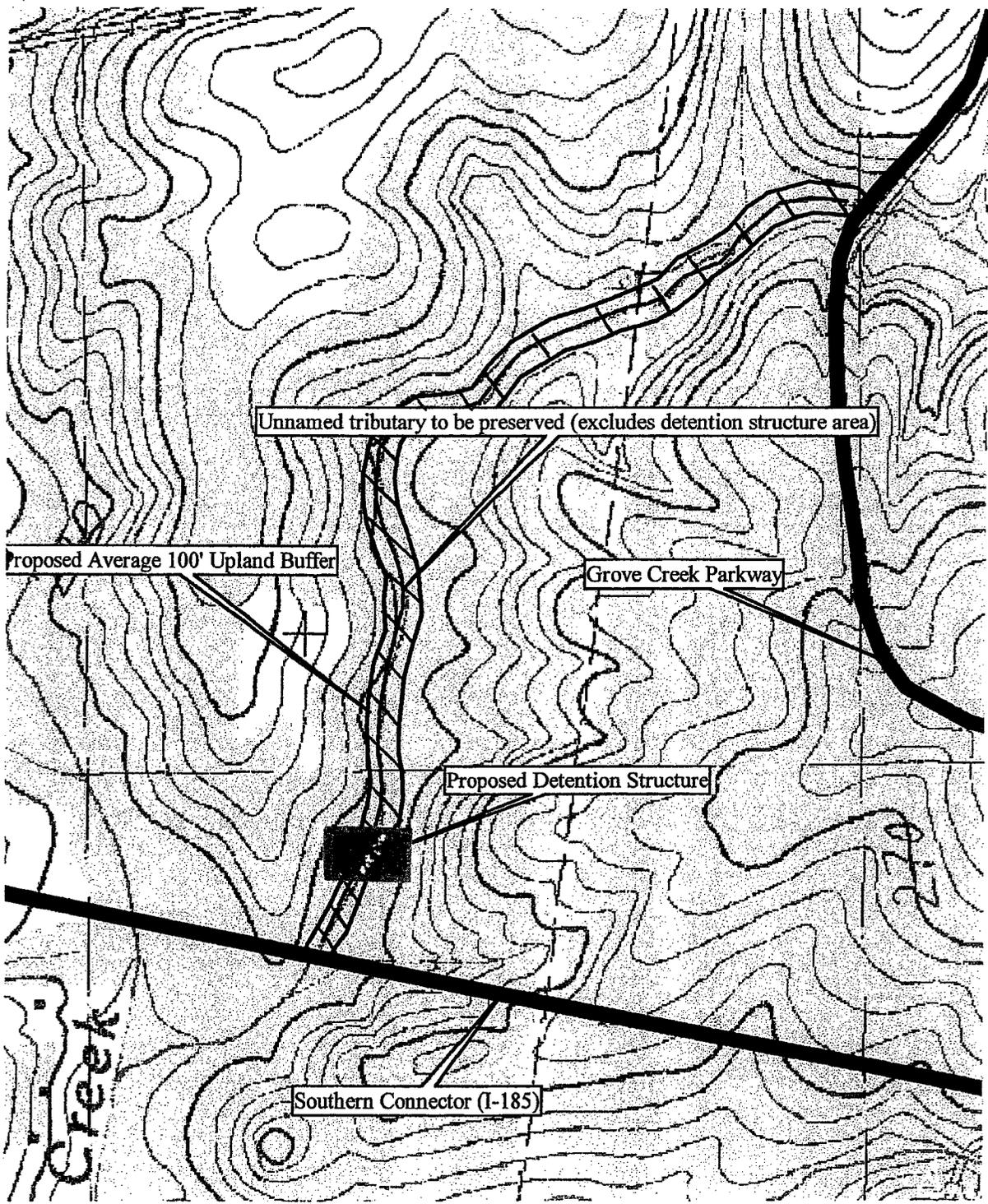
Date: 1/1/02

Checked by: AWJ

Date: 11/25/02

Job No. 30500-1-7888-03-905

Figure 10



Legend



Jurisdictional Waters of the U.S. to be Preserved
Average 100' Wide Upland Buffer

Approximate Scale in Feet

1" = 667'

Source: USGS 7.5 Minute Topographic Quadrangle of Pelzer, SC, DeLorme Topo Quads, 1999

GCR&TDC
Greenville, South Carolina

Sheet 11 of 13

LAW

LAWGIBB Group Member
Columbia, South Carolina

Proposed Mitigation Area
Grove Creek Parkway Improvements
and Detention Structure
Greenville County, South Carolina

Prepared by: *CML*

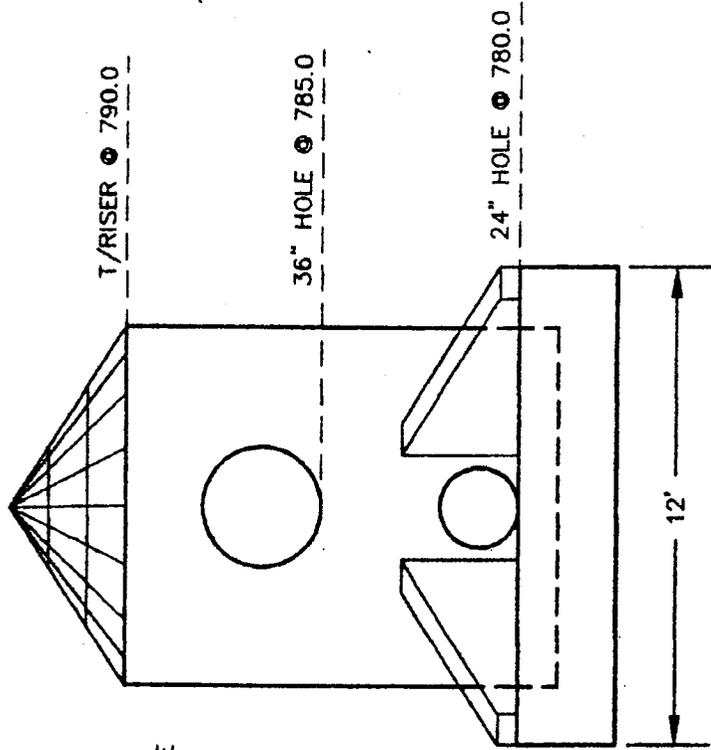
Date: *1/30/02*

Checked: *AWL*

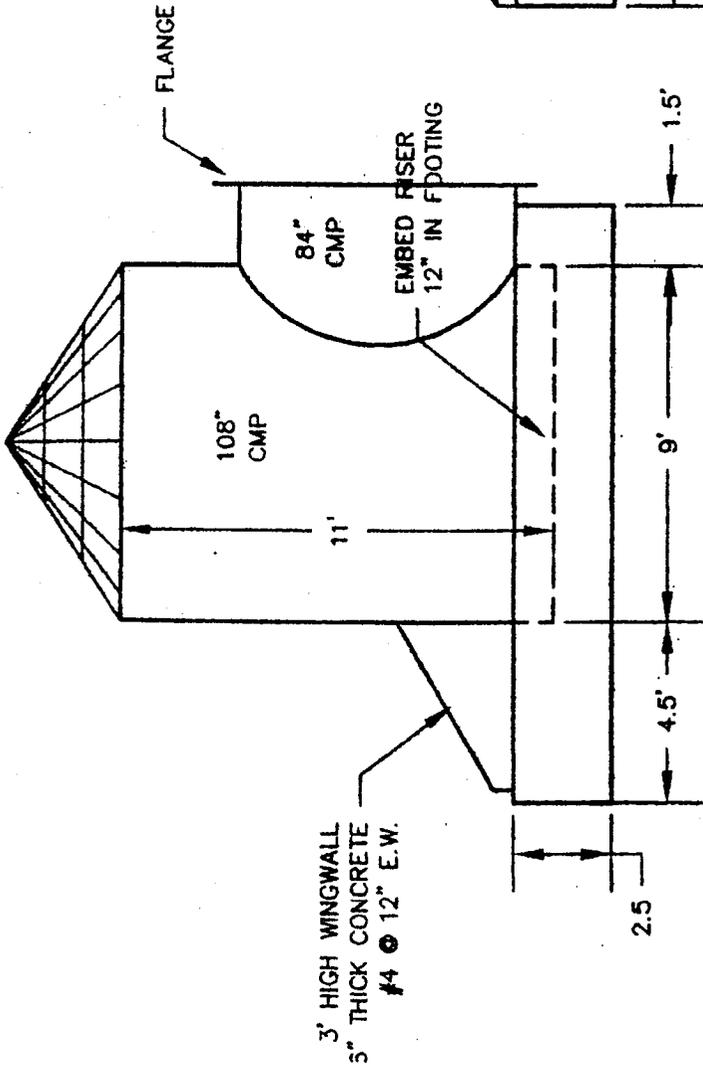
Date: *2/5/02*

Job No. 30500-1-7888

Figure 11



FRONT VIEW



SIDE VIEW

No Scale

Source: H2L Consulting Engineers, not dated.

GCR&TDC
Greenville, South Carolina

Sheet 13 of 13

Prepared by: RHTS

Date: 1/1/02

Checked by: *AWC*

Date: 11/25/02

Job No. 30500-1-7888-03-905

Figure 13



Columbia, South Carolina

Riser For Detention Structure
Grove Creek Parkway Improvements and
Detention Structure
Greenville County, SC