

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

13 AUGUST 2004

Refer to: P/N # 2004-1Z-272-W

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the State of South Carolina by

SOUTH CAROLINA ELECTRIC & GAS (SCE&G)
c/o CHRIS LAKE
CAROLINA WETLAND SERVICES, INC.
322A SOUTH LAKE DRIVE, SUITE 3
LEXINGTON, SOUTH CAROLINA 29072

for a permit to construct an upstream fish passage facility in the

BROAD RIVER

at the Broad River Diversion Dam, in Columbia, Richland County, South Carolina.
(Latitude – 34.3789°, Longitude – 80.3244°)

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, 13 SEPTEMBER 2004

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

The proposed work consists of constructing a fish passage facility, consisting of a fish ladder, minimum flow gate, and a control building, at the existing Broad River Diversion Dam. Two temporary roads will need to be constructed within the river (on the downstream side of the dam) to provide access for the construction of three upstream cofferdams, demolition of a portion of the existing dam, and installation of a minimum flow gate and fish ladder. To minimize the loss of sediments, the temporary access roads will be constructed and removed when there is no flow being discharged from the diversion dam. Approximately 0.37 acres of waters of the U.S. will be impacted by the construction of the temporary access roads. Construction of the fish ladder will require a small amount of excavation of the riverbed to accommodate the ladder entrance chamber, and to level the riverbed rock in the immediate vicinity of the two ladder entrances. All materials from excavation and demolition activities will be removed and disposed of at an approved disposal site. Approximately 0.52 acres of waters of the U.S. will be

impacted as a result of the proposed work, including 0.43 acres for the placement of fill material (including the temporary access roads), 0.08 acres for excavation, and 0.01 acres for backfill and bedding. The purpose of the work is to provide a passageway for fish over the Broad River Diversion Dam.

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 0.52 acres of freshwater habitat located well upstream from 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.

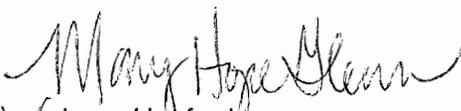
13 AUGUST 2004

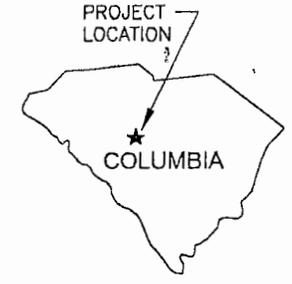
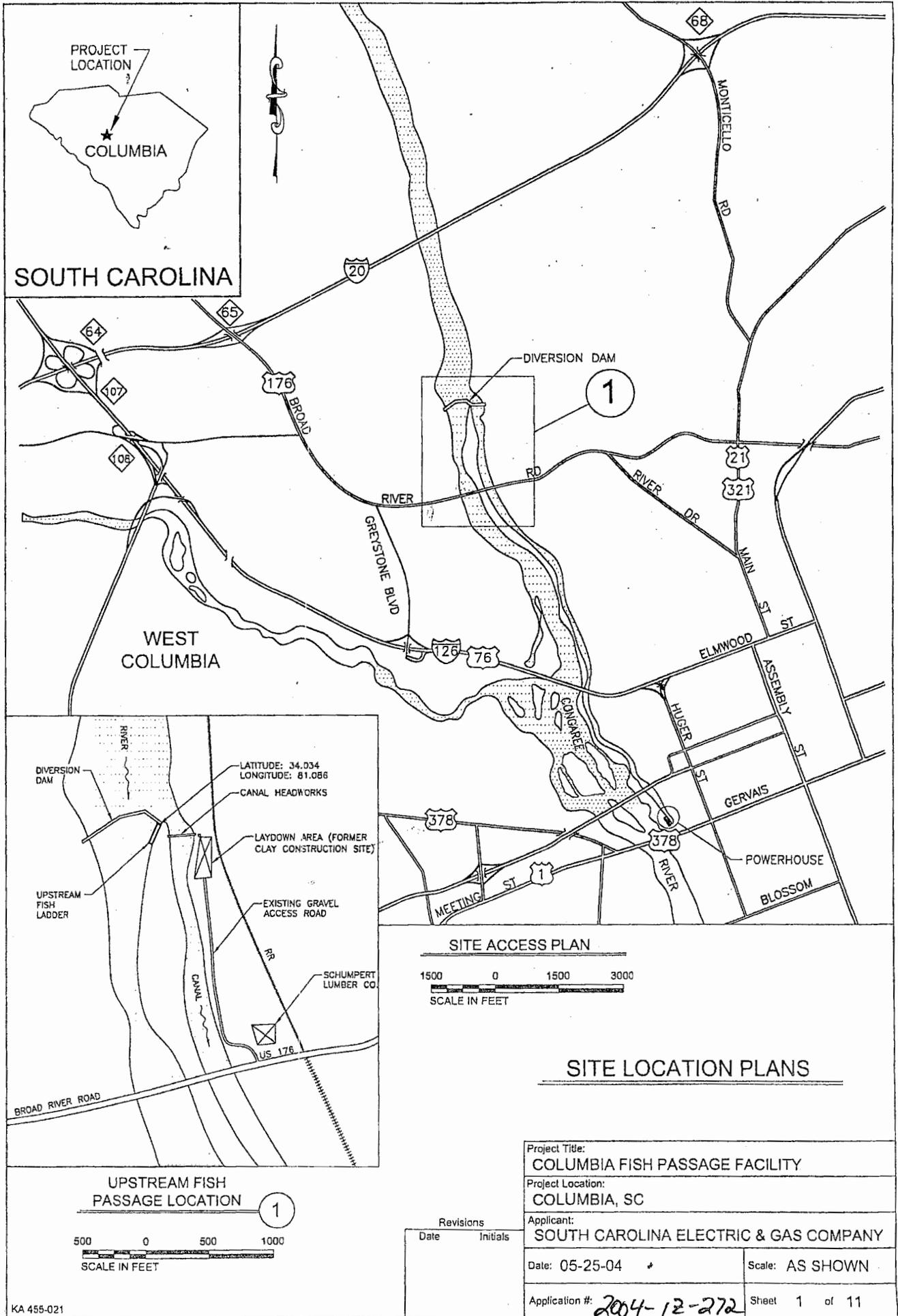
Any person may request, in writing, within the comment period specified in this notice, that a *public hearing* be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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.

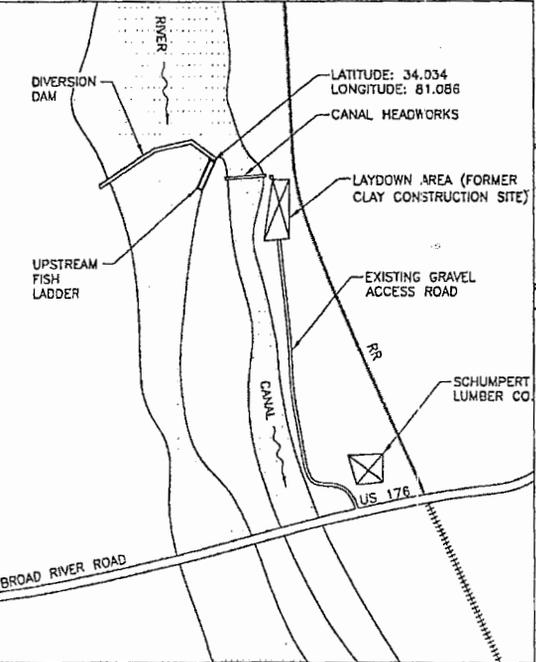
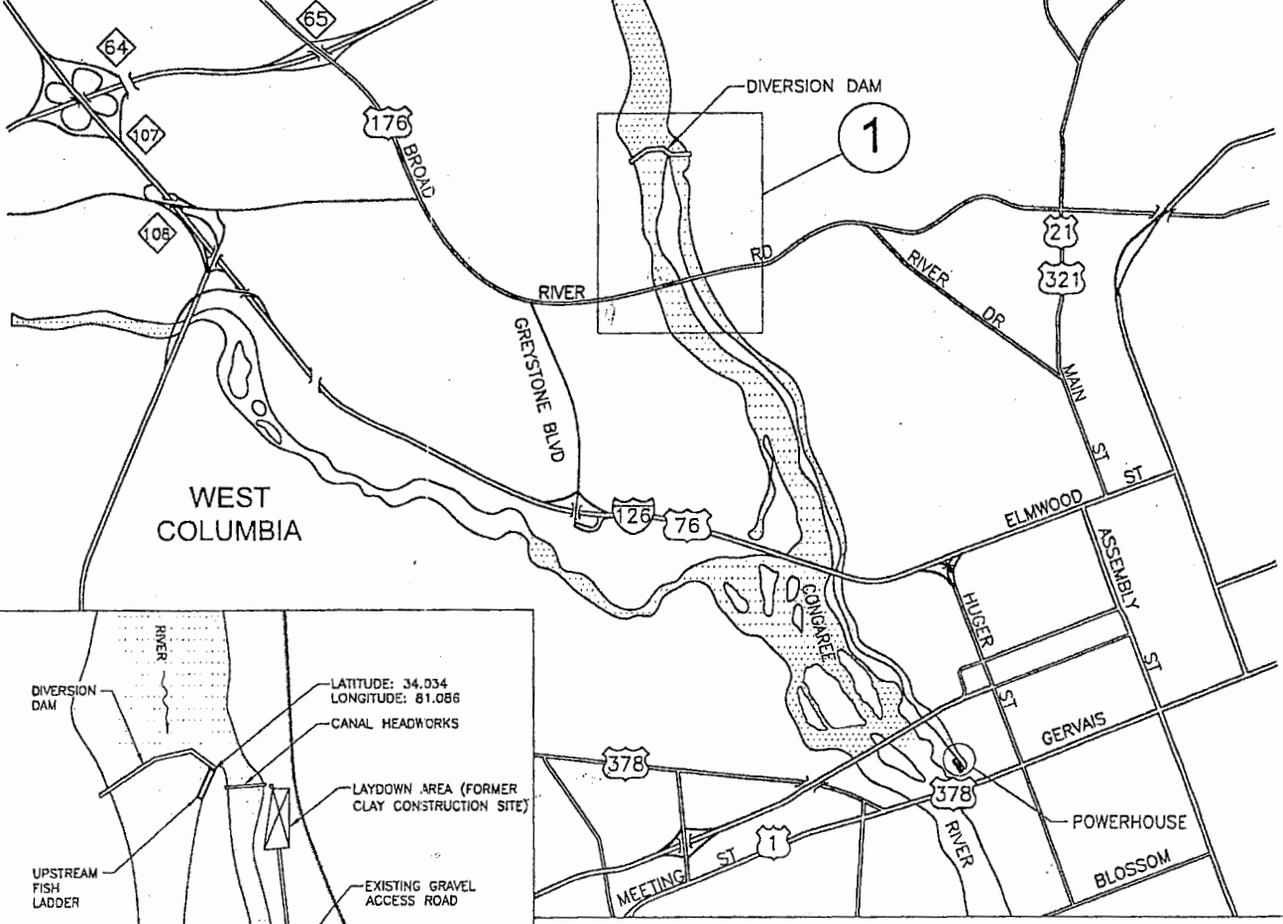
The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine 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.


for Larry Hanford
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



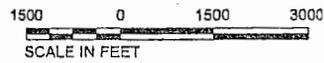
SOUTH CAROLINA



UPSTREAM FISH PASSAGE LOCATION



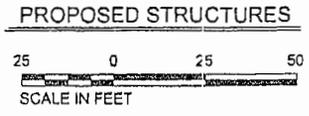
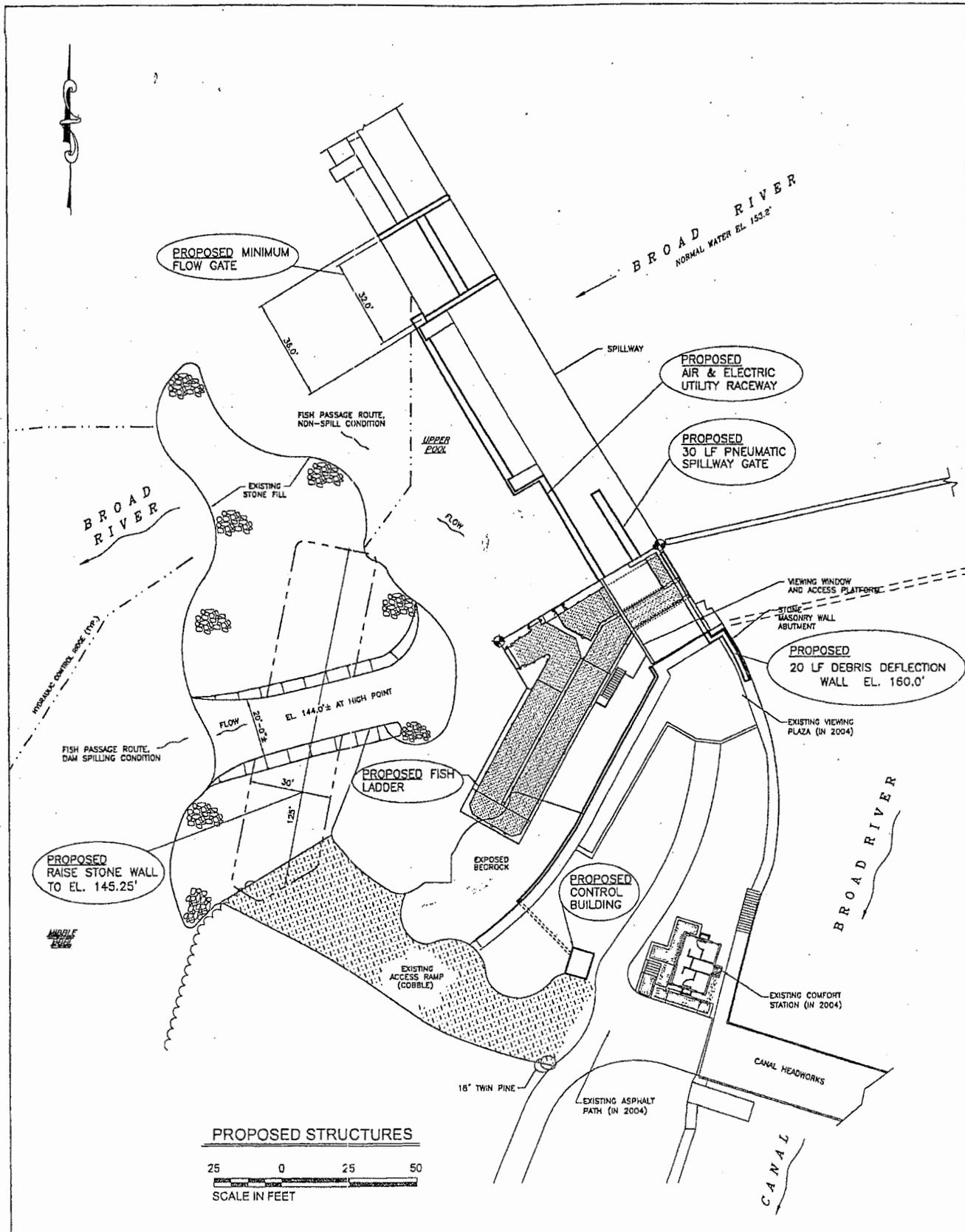
SITE ACCESS PLAN



SITE LOCATION PLANS

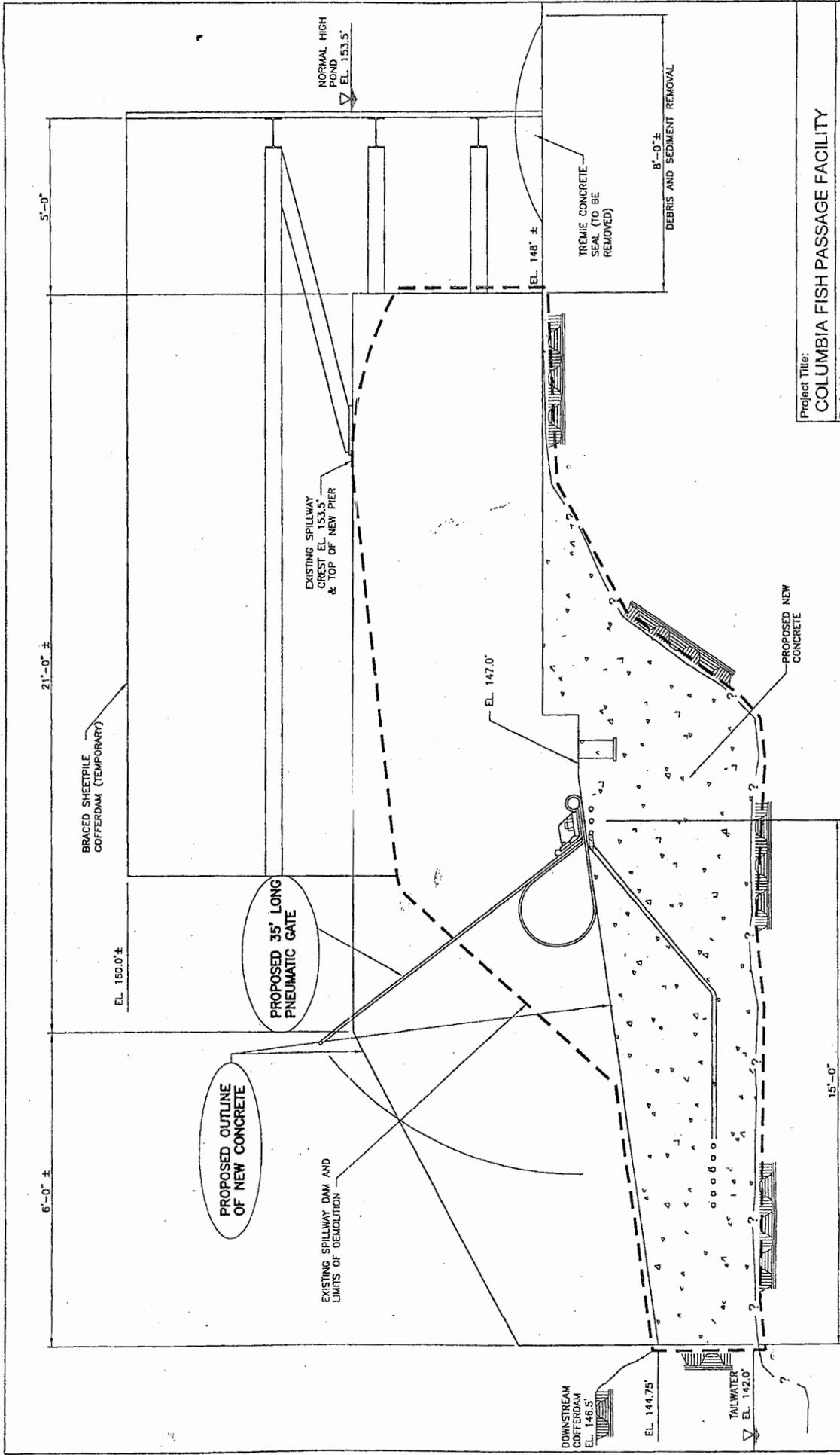
Project Title:		COLUMBIA FISH PASSAGE FACILITY	
Project Location:		COLUMBIA, SC	
Applicant:		SOUTH CAROLINA ELECTRIC & GAS COMPANY	
Date:	05-25-04	Scale:	AS SHOWN
Application #:	2004-12-272	Sheet	1 of 11

Revisions	
Date	Initials



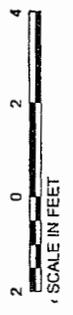
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Date: 05-25-04	Scale: AS SHOWN
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Revisions	
Date	Initials



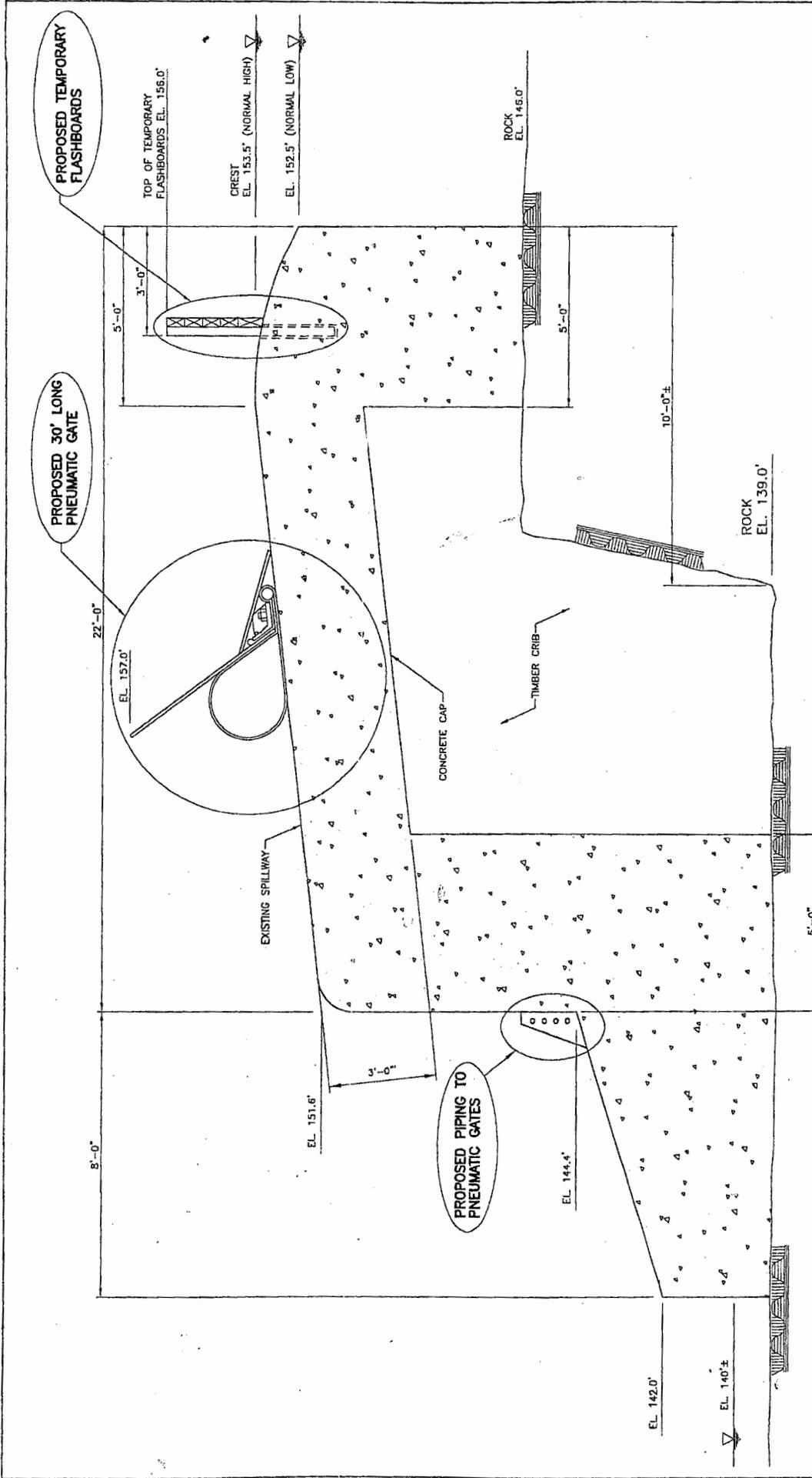
SECTION THRU MINIMUM FLOW GATE & COFFERDAM

SECTION 1/3



Revisions	Date	Initials

Project Title:	COLUMBIA FISH PASSAGE FACILITY
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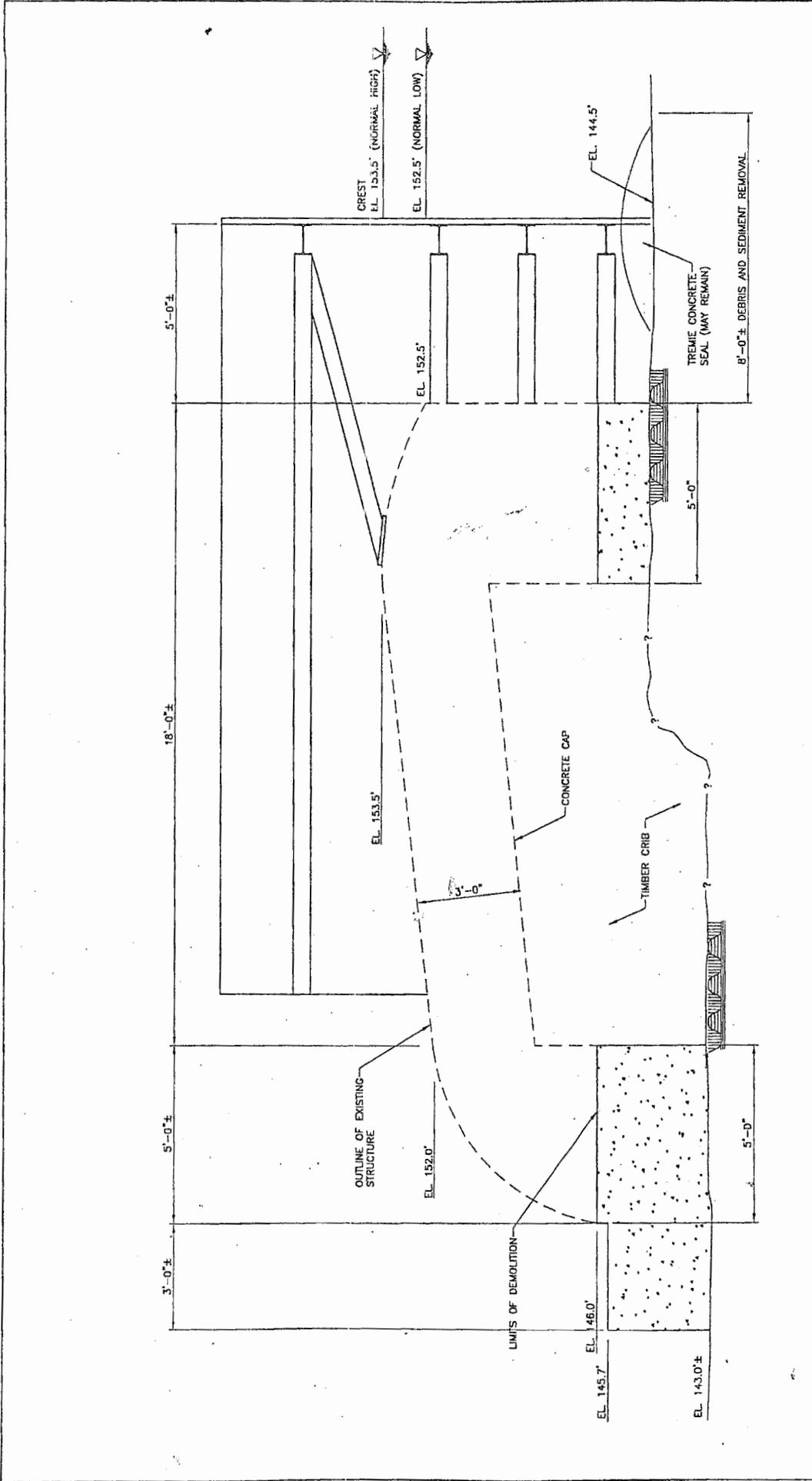
Project Title: COLUMBIA FISH PASSAGE FACILITY
 Project Location: COLUMBIA, SC
 Applicant: SOUTH CAROLINA ELECTRIC & GAS COMPANY
 Date: 05-25-04
 Application #: 2004-12-272

Revisions	Date	Initials

Scale: AS SHOWN
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SECTION THRU SPILLWAY GATE AND TEMPORARY FLASHBOARDS





Project Title:
COLUMBIA FISH PASSAGE FACILITY

Project Location:
COLUMBIA, SC

Applicant:
SOUTH CAROLINA ELECTRIC & GAS COMPANY

Date: 05-25-04

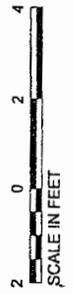
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Application #: **2004-12-272**

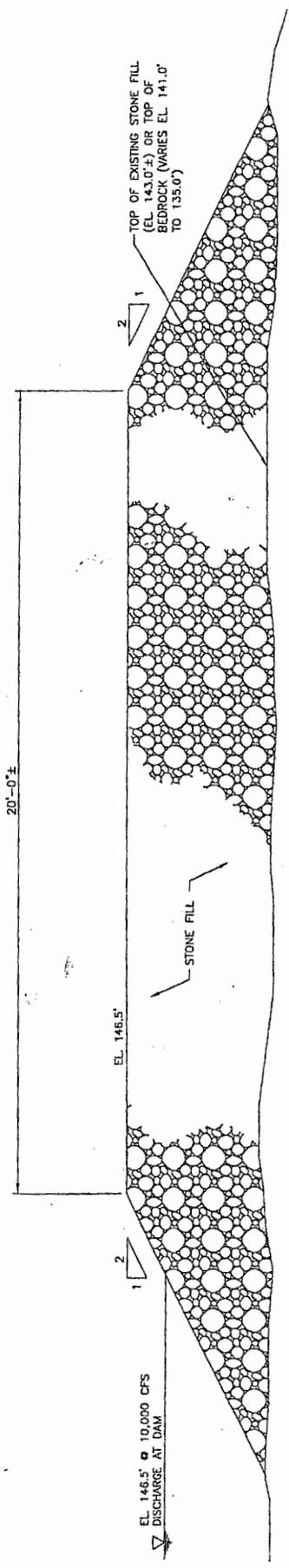
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SECTION THRU FISH LADDER DEMOLITION AND COFFERDAM

SECTION **3** / **3**



Revisions	Date	Initials



EL 146.5' ± 10,000 CFS DISCHARGE AT DAM

20'-0" ±

EL 146.5'

STONE FILL

TOP OF EXISTING STONE FILL (EL 143.0' ±) OR TOP OF BEDROCK (VARIES EL 141.0' TO 135.0')

LIMITS OF JURISDICTIONAL WATERS

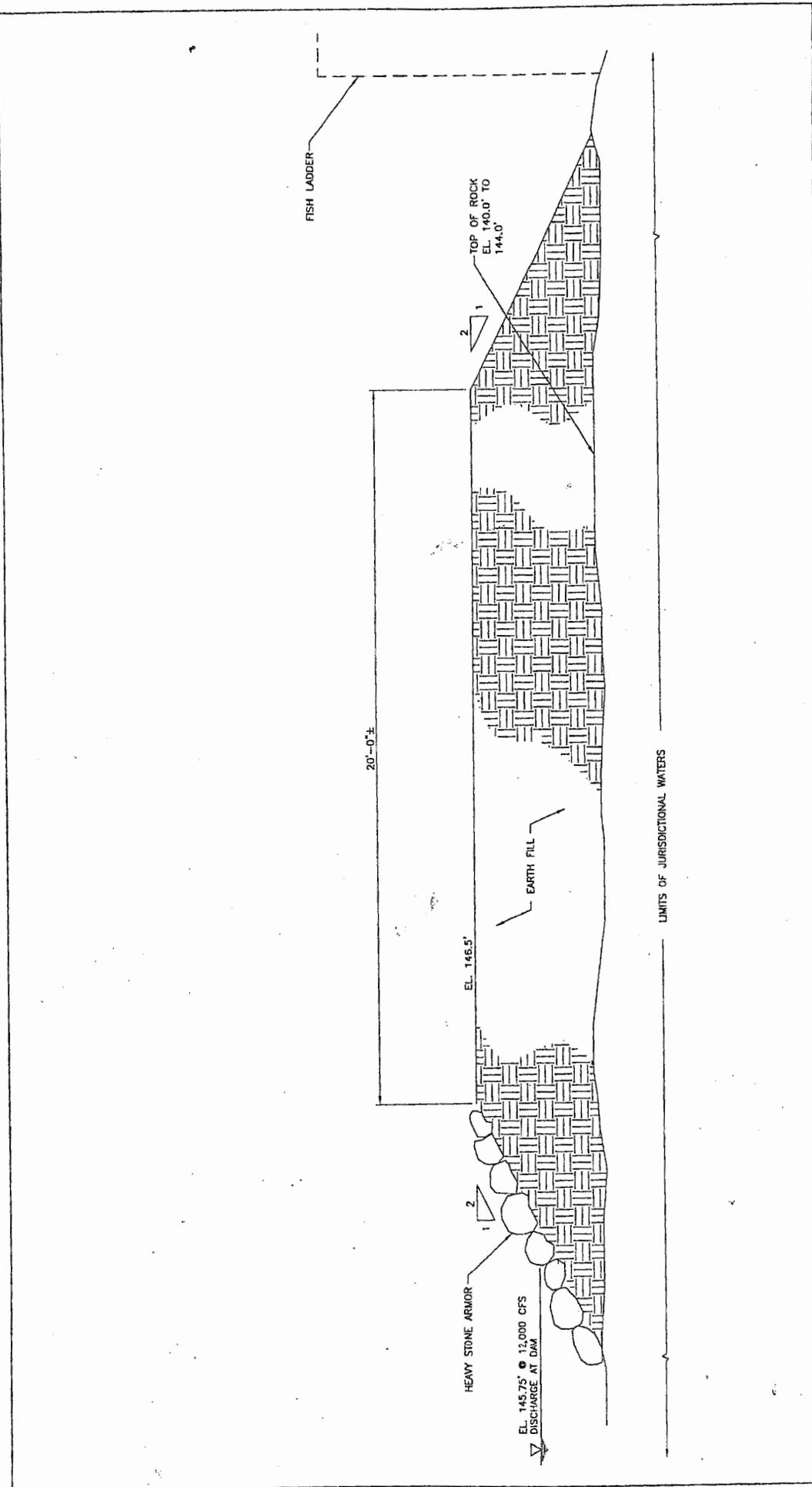
SECTION THRU ACCESS ROAD #1 & ACCESS ROAD #1 - ALTERNATE ROUTE

SECTION 4/3



Revisions	
Date	Initials

Project Title:	COLUMBIA FISH PASSAGE FACILITY
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Applicant:
SOUTH CAROLINA ELECTRIC & GAS COMPANY

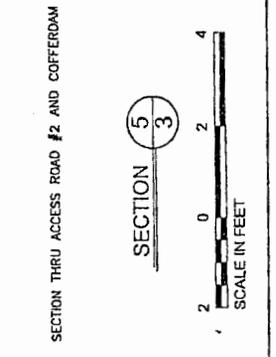
Date: 05-25-04

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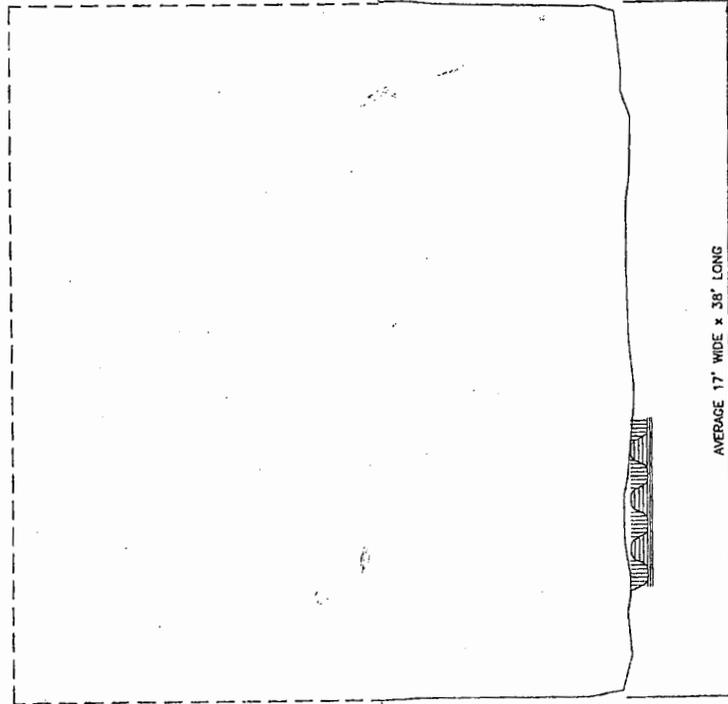
Revisions	
Date	initials



SECTION THRU ACCESS ROAD #2 AND COFFERDAM

KA 455-021

OUTLINE OF
FISH LADDER



ROCK VARIES FROM EL. 143.0' TO 140.0'

6' TO 9'

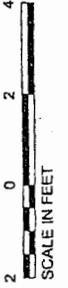
EL. 134.0'

AVERAGE 17' WIDE x 38' LONG

LIMITS OF JURISDICTIONAL WATERS

SECTION THRU LADDER EXCAVATION

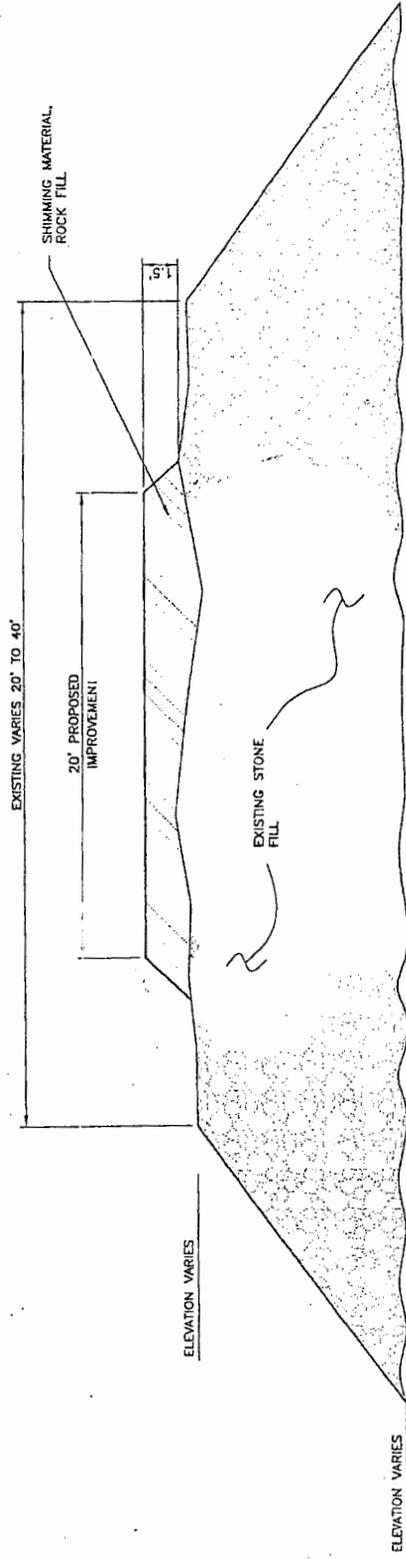
SECTION $\frac{6}{3}$



Revisions
Date

Initials

Project Title: COLUMBIA FISH PASSAGE FACILITY	
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Applicant: SOUTH CAROLINA ELECTRIC & GAS COMPANY	Scale: AS SHOWN
Date: 05-25-04	Application #: 2004-12-272
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SECTION THRU EXISTING ACCESS RAMP

SECTION $\frac{6}{3}$



Revisions
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