

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 #2002-1Z-544-W

3 January 2003

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), 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 the

SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
DENNIS WILDLIFE CENTER
P.O. BOX 190
BONNEAU, SOUTH CAROLINA 29431

for a permit to construct a greentree reservoir adjacent to

LAKE MARION

on property located west of SC 76, approximately 7 miles west of Summerton, in Clarendon County, South Carolina (Latitude – 33.6079°, Longitude – 80.4847°).

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, FEBRUARY 3, 2003

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

The proposed work consists of developing a 480-acre greentree reservoir adjacent to Lake Marion through the construction of approximately 9,500' of dike, adjacent rim ditch, placement of eight water control structures, installation of a 4,000 gpm electric powered pump and dredging a 6' x 280' intake channel. Material from the rim ditch will be used to construct the adjacent dike and material from the intake channel will be deposited at the pump station site. The applicant states that all work will be conducted in wetlands, and that the site will be managed as a multiple purpose wildlife and waterfowl management area including small openings for deer and wild turkey. Approximately 340 acres of the 480 acres inside the diked area will be flooded to the average depth of 8.7" after November 1 and dewatered by March 1 of each year. The purpose of the proposed work is to enhance habitat for resident and migratory waterfowl, resident wildlife, resident and migratory

3 January 2003

songbirds, wading birds, and endangered species and to provide hunting, bird watching, and other recreational opportunities for the public.

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 approximately 351 acres of freshwater wetlands well inside 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.

3 January 2003

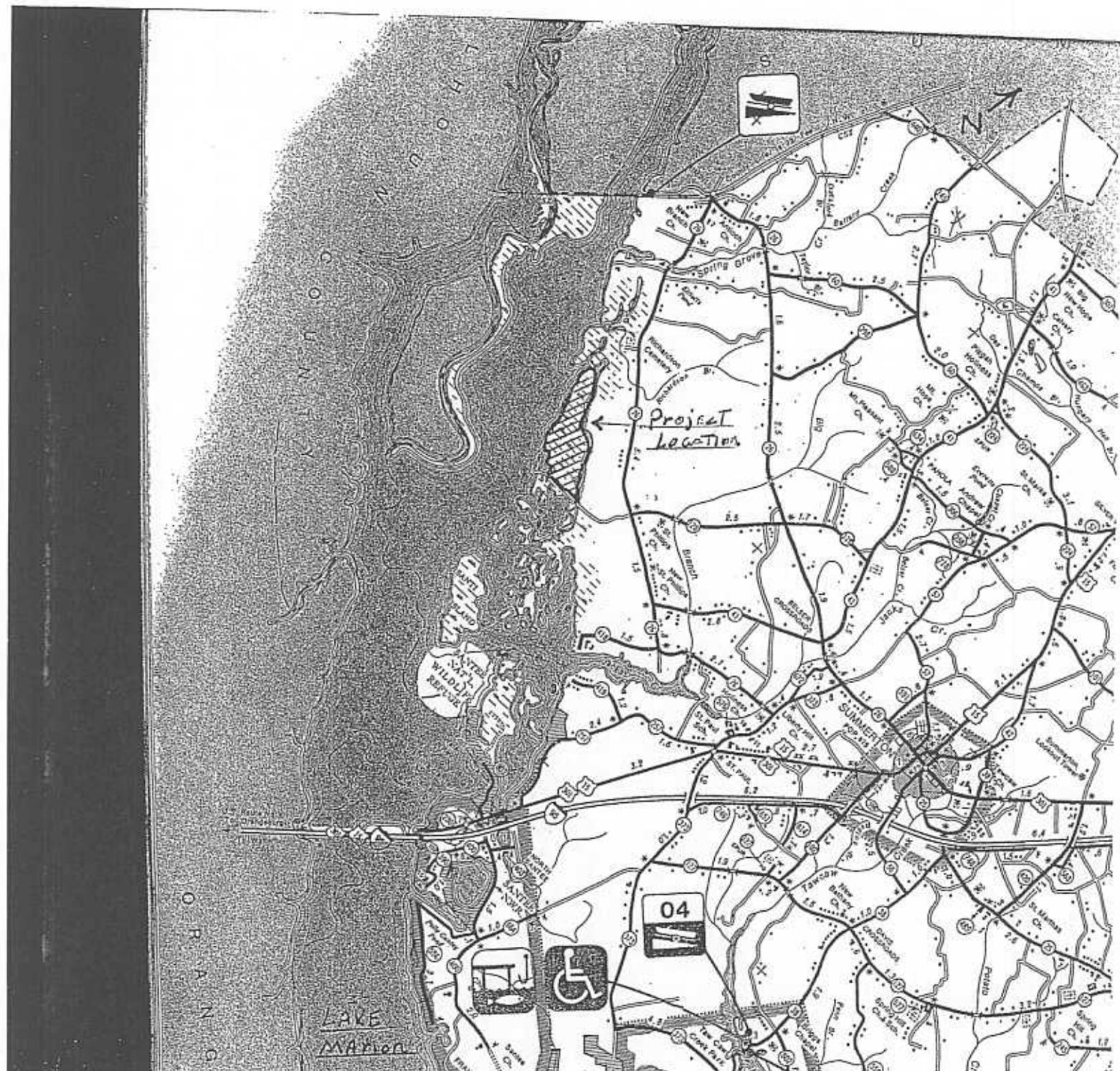
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section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



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



Purpose: Waterfowl impoundment
to enhance waterfowl wintering
habitat + provide public
waterfowl hunting opportunities
Datum: 75.5
Adjacent property owner:
Santee Cooper

Vicinity Map from outdoor
Guide, A County by County Atlas
1" = 2 miles
William E. Mahan SCOMR
PO Box 190
Bonneau, SC 29431

Proposed waterfowl
impoundment dike + pump
station
In: Lake Marion
At: Hickory Top
County of: Clarendon State: SC
Application by: William E. Mahan
Sheet 1 of 7 Date: 11-4-02

2002-12-544-W

INTAKE CANAL & INLET BOX LOCATION
& RISER #1 LOCATION SEE DETAILS SHEET 4 OF 6

PUMP LOCATION SEE
DETAILS SHEET 4 OF 6

NOTE: SEE SHEET 3 OF 6 FOR
RISER DETAILS

PROPOSED RISER #1
INV. ELEV. 73.5
DITCH INV. ELEV. 73.0

EXISTING ROAD TO BE BUILT UP
AND USED AS NORTH DIKE

PROPOSED RISER #8
INV. ELEV. 74.3

PROPOSED RISER #2
INV. ELEV. 73.0
DITCH INV. ELEV. 71.5

MATCH LINE

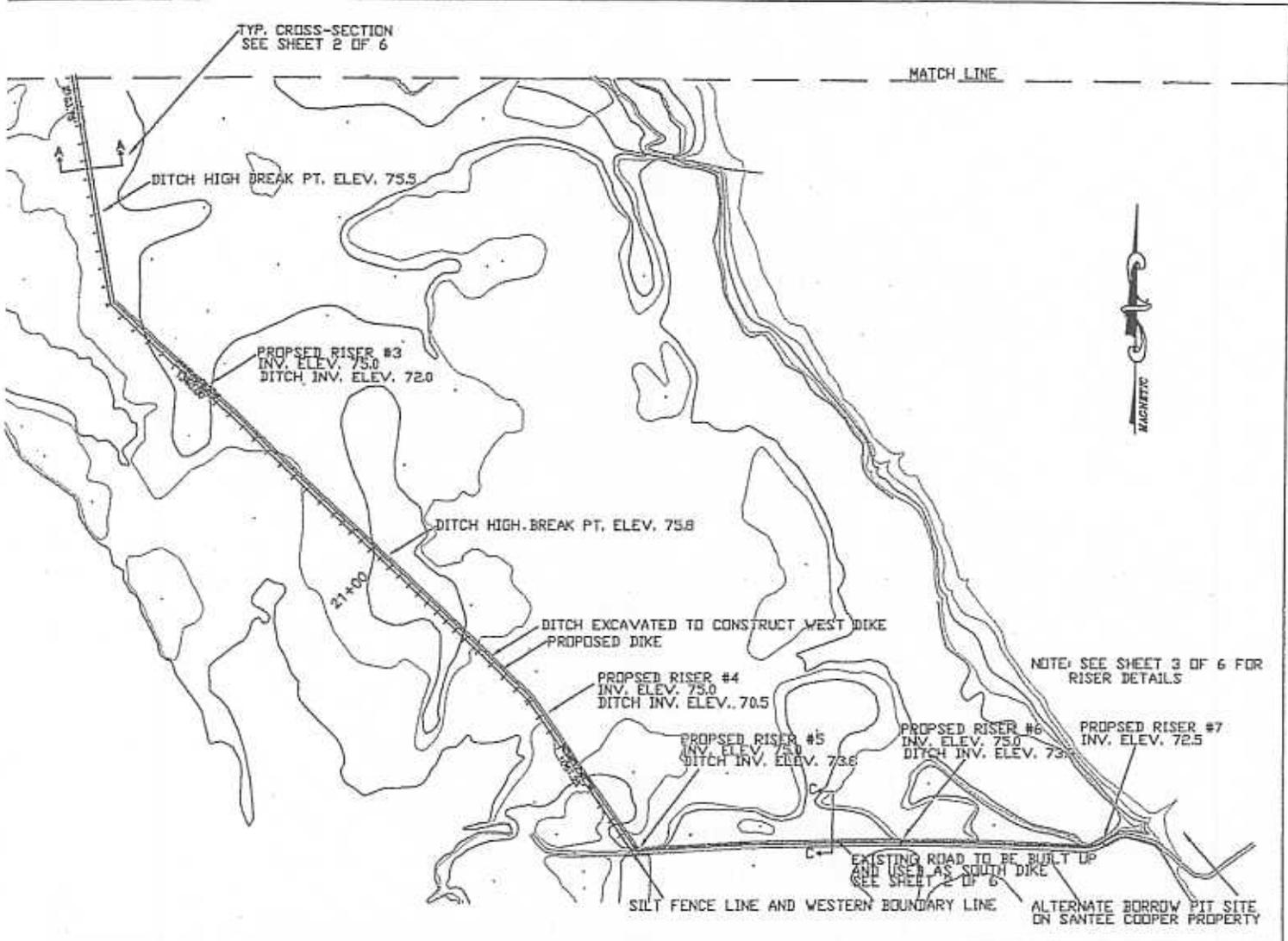


PURPOSE: WATERFOWL IMPOUNDMENT TO
INCREASE WATERFOWL WINTERING HABITAT
AND PROVIDE PUBLIC WATERFOWL
HUNTING OPPORTUNITIES
DATUM: 75.5
ADJACENT PROPERTY OWNER:
SANTEE COOPER

PLAN VIEW
NOT TO SCALE
SCDNR
WILLIAM E. MAHAN
PO BOX 190
BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT
DIKE AND PUMP STATION
IN: LAKE MARION
AT: HICKORY TOP
COUNTY OF: CLARENDON STATE: SC
APPLICATION BY: WILLIAM E. MAHAN
SHEET 2A OF 7 DATE: 11-4-02

2002-12-544-W



PURPOSE: WATERFOWL IMPOUNDMENT TO ENHANCE WATERFOWL WINTERING HABITAT AND PROVIDE PUBLIC WATERFOWL HUNTING OPPORTUNITIES
 DATUM: 75.5
 ADJACENT PROPERTY OWNER: SANTEE COOPER

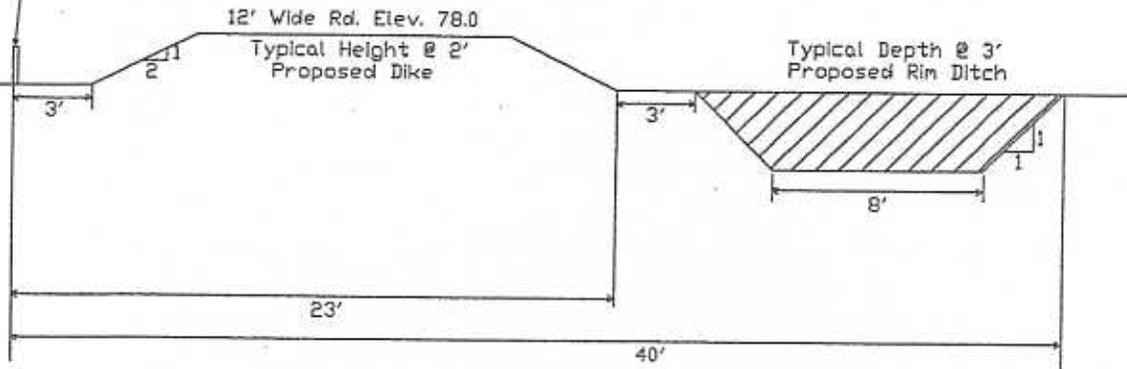
PLAN VIEW
 NOT TO SCALE
 SCDNR
 WILLIAM E. MAHAN
 PO BOX 190
 BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT DIKE AND PUMP STATION
 IN: LAKE MARION
 AT: HICKORY TOP
 COUNTY OF: CLARENDON STATE: SC
 APPLICATION BY: WILLIAM E. MAHAN
 SHEET 28 OF 7 DATE: 11-4-02

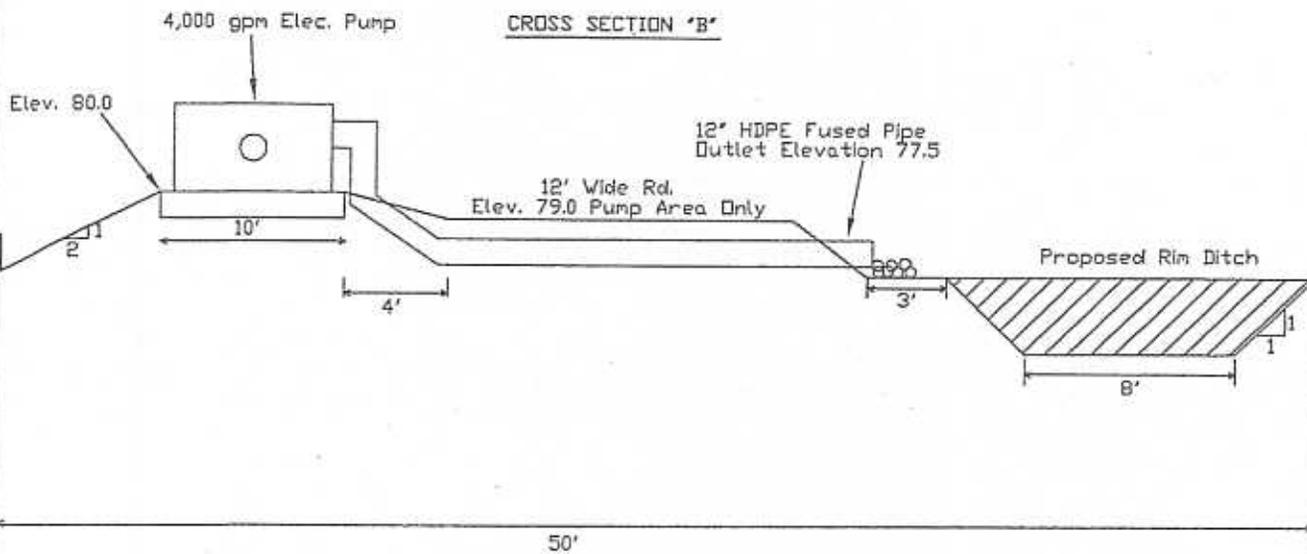
2002-12-544-W

CROSS SECTION 'A'

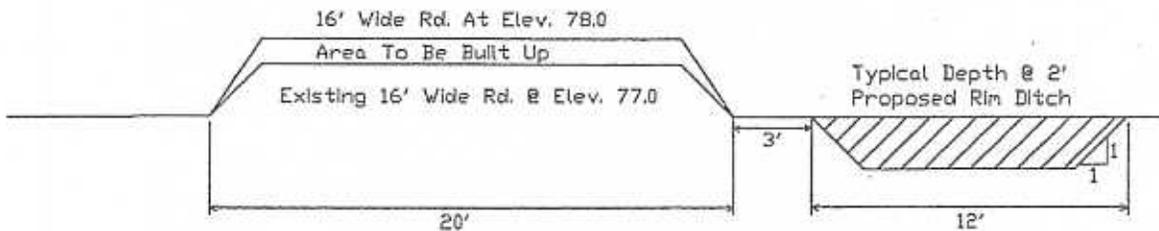
Western Boundary Staked
And Silt Fence Location



CROSS SECTION 'B'



CROSS SECTION 'C'



PURPOSE: WATERFOWL IMPOUNDMENT TO
ENHANCE WATERFOWL WINTERING HABITAT
AND PROVIDE PUBLIC WATERFOWL
HUNTING OPPORTUNITIES
DATUM: 75.5
ADJACENT PROPERTY OWNER:
SANTEE COOPER

CROSS SECTIONS "A", "B" & "C"
NOT TO SCALE

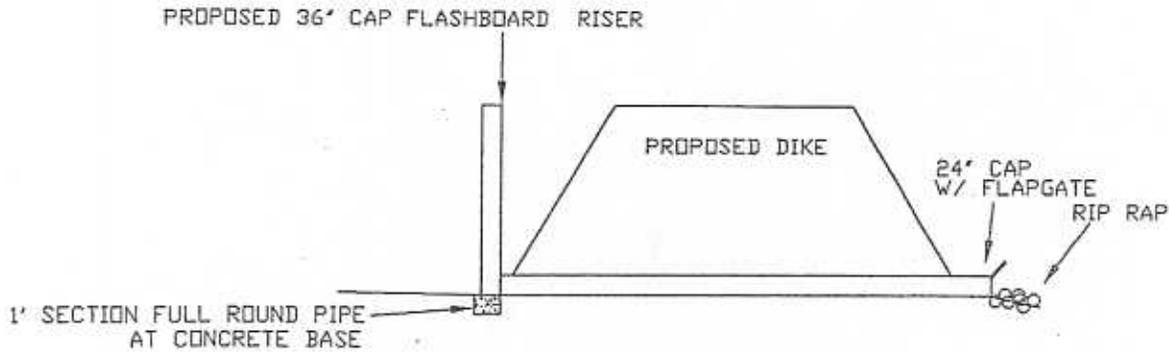
SCDNR
WILLIAM E. MAHAN
PO BOX 190
BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT
SILT FENCE DETAILS & CROSS SECTION "A"
IN: LAKE MARION
AT: HICKORY TOP
COUNTY OF: CLARENDON STATE: SC
APPLICATION BY: WILLIAM E. MAHAN

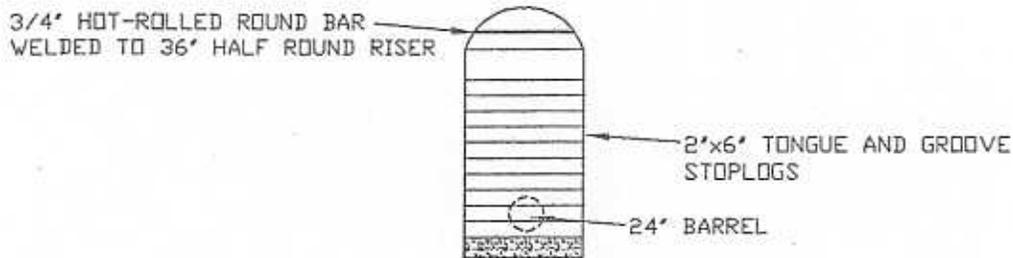
SHEET 3 OF 7 DATE: 11-4-02

2002-12-544-W

TYP. CROSS SECTION
SINGLE FLASHBOARD RISER



TYP. FRONT VIEW
FLASHBOARD RISER



RISER #1:	INV. 73.5, SPILL 77.0, TOP OF RISER 78.0
RISER #2:	INV. 75.0, SPILL 77.0, TOP OF RISER 78.0
RISER #3:	INV. 75.0, SPILL 77.0, TOP OF RISER 78.0
RISER #4:	INV. 75.0, SPILL 77.0, TOP OF RISER 78.0
RISER #5:	INV. 75.0, SPILL 77.0, TOP OF RISER 78.0
RISER #6:	INV. 75.0, SPILL 77.0, TOP OF RISER 78.0
RISER #7:	INV. 72.5, SPILL 77.0, TOP OF RISER 78.0
RISER #8:	INV. 74.3, SPILL 77.0, TOP OF RISER 78.0

PURPOSE: WATERFOWL IMPOUNDMENT TO
ENHANCE WATERFOWL WINTERING HABITAT
AND PROVIDE PUBLIC WATERFOWL
HUNTING OPPORTUNITIES
DATUM: 75.5
ADJACENT PROPERTY OWNER:
SANTEE COOPER

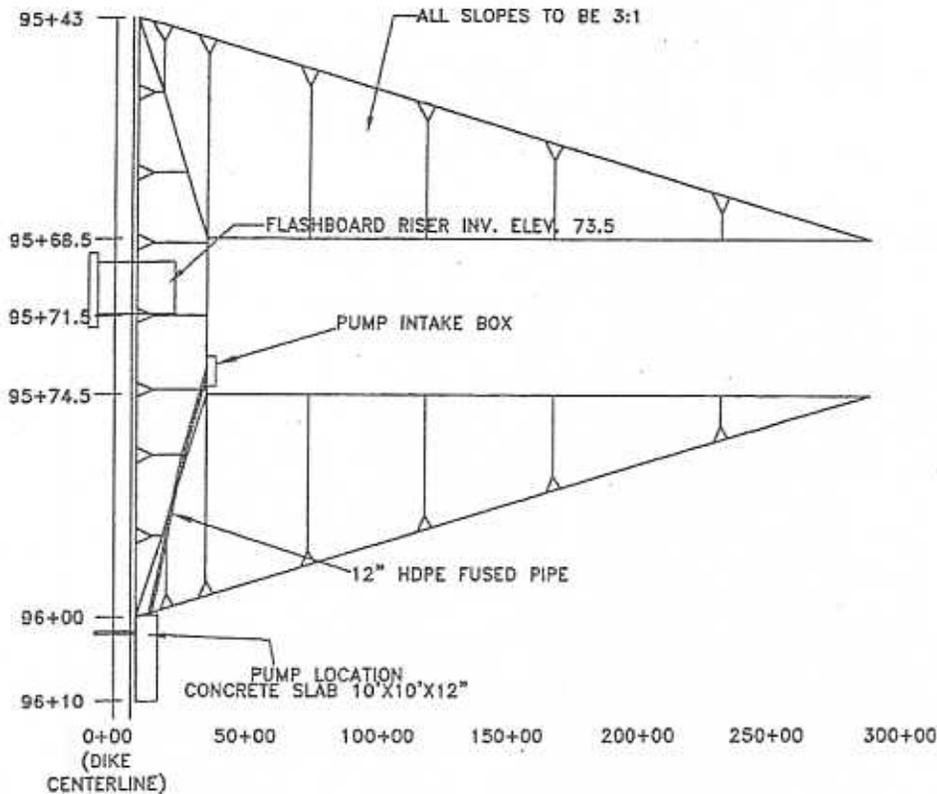
CROSS SECTION
NOT TO SCALE

SCDNR
WILLIAM E. MAHAN
PO BOX 190
BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT
FLASHBOARD RISER DETAILS
IN: LAKE MARION
AT: HICKORY TOP
COUNTY OF: CLARENDON STATE: SC
APPLICATION BY: WILLIAM E. MAHAN

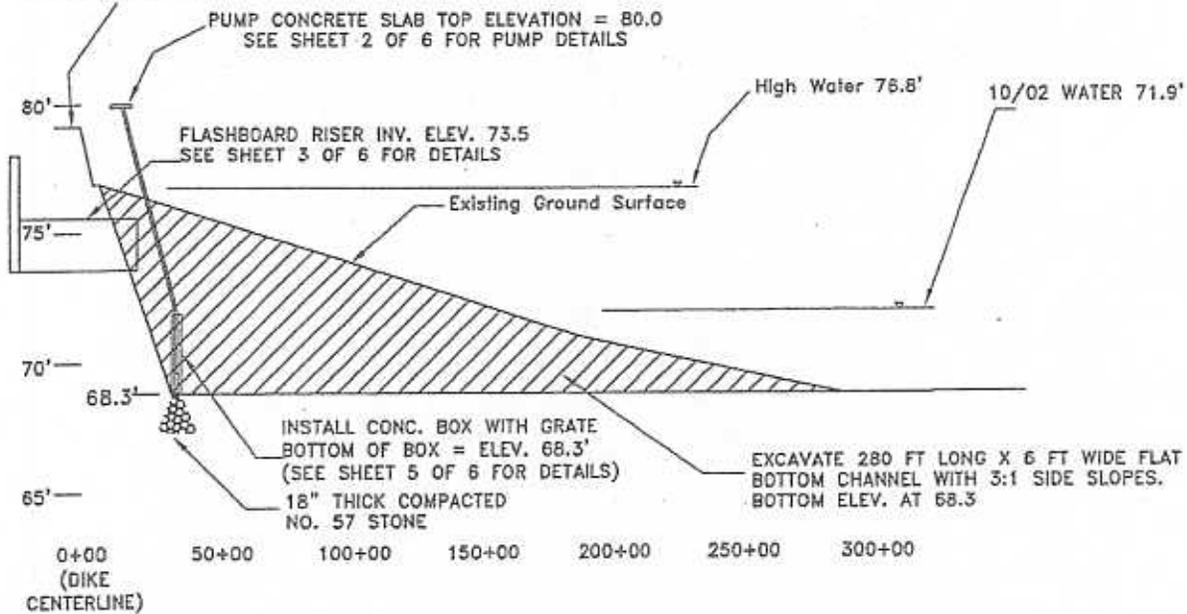
SHEET 4 OF 7 DATE: 11-4-02

2002-12-544-W



PLAN VIEW

BUILD UP TOP OF DIKE ELEV. 79.0'
IN THE PUMP AREA ONLY



CROSS SECTION "B"

PURPOSE: WATERFOWL IMPOUNDMENT TO ENHANCE WATERFOWL WINTERING HABITAT AND PROVIDE PUBLIC WATERFOWL HUNTING OPPORTUNITIES
DATUM: 75.5
ADJACENT PROPERTY OWNER: SANTEE COOPER

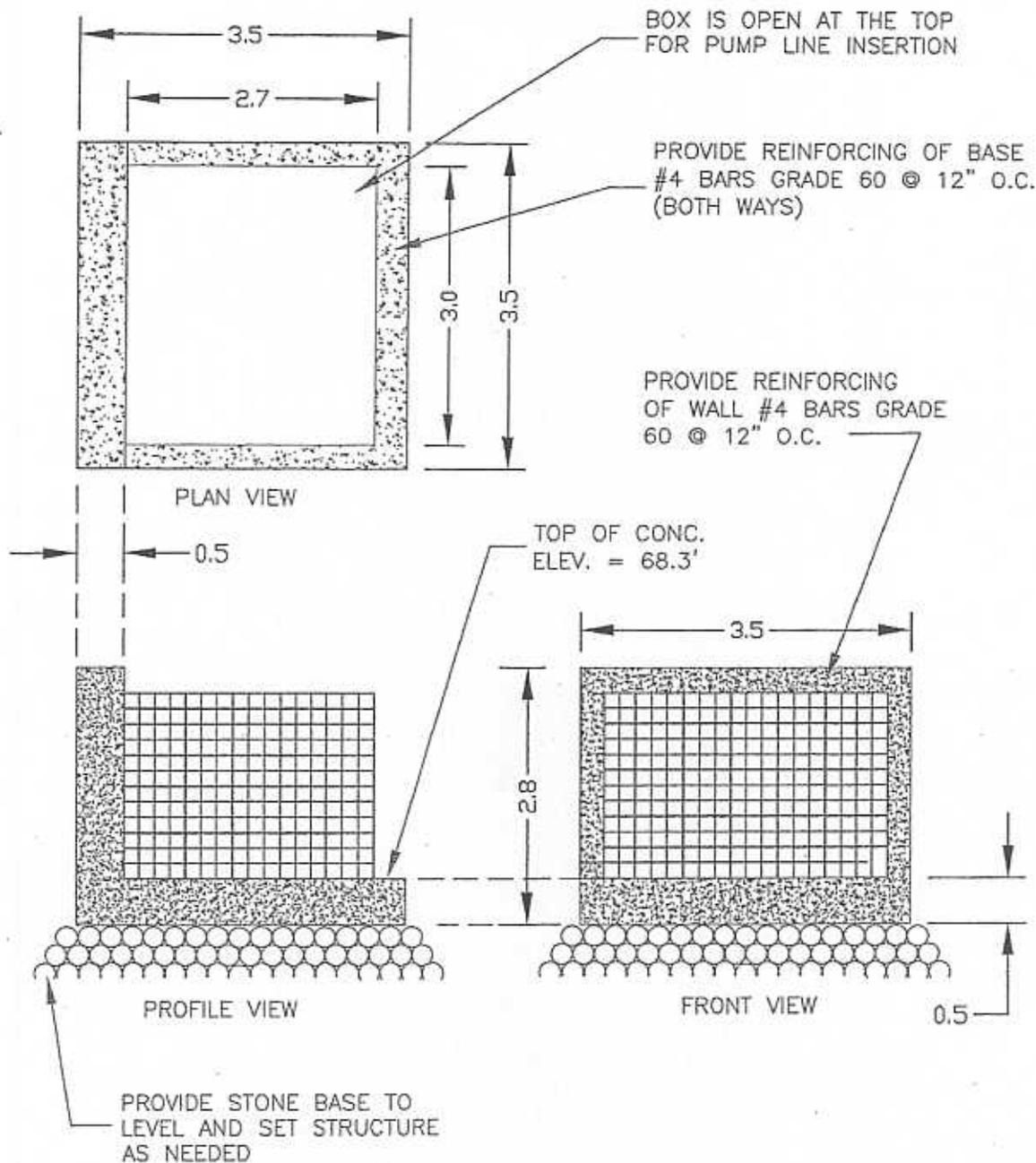
PLAN VIEW & CROSS SECTION
NOT TO SCALE

SCDNR
WILLIAM E. MAHAN
PO BOX 190
BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT
PUMP LOCATION & CROSS SECTION "B"
IN: LAKE MARION
AT: HICKORY TOP
COUNTY OF: CLARENDON STATE: SC
APPLICATION BY: WILLIAM E. MAHAN

SHEET 5 OF 7 DATE: 11-4-02

2002-12-544-W



PURPOSE: WATERFOWL
 IMPOUNDMENT TO
 ENHANCE WATERFOWL WINTERING
 HABITAT
 AND PROVIDE PUBLIC WATERFOWL
 HUNTING OPPORTUNITIES
 DATUM: 75.5
 ADJACENT PROPERTY OWNER:
 SANTEE COOPER

PLAN VIEW & CROSS SECTION
 SCALE: 1" = 2'
 SCDNR
 WILLIAM E. MAHAN
 PO BOX 190
 BONNEAU, SC 29431

PROPOSED WATERFOWL
 IMPOUNDMENT
 CONCRETE INLET BOX/CAGE
 IN: LAKE MARION
 AT: HICKORY TOP
 COUNTY OF: CLARENDON
 STATE: SC
 APPLICATION BY: WILLIAM E. MAHAN
 SHEET 6 OF 7 DATE: 11-4-02

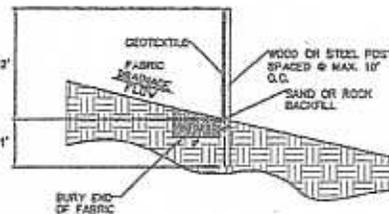
2002-12-544-W

INTAKE CANAL & INLET BOX LOCATION
& RISER #1 LOCATION SEE DETAILS SHEET 4 OF 5

NOTE SEE SHEET 3 OF 6 FOR
RISER DETAILS

SEDIMENT AND EROSION CONTROL NOTES

1. SANTEE COOPER SHALL MAINTAIN ALL EROSION CONTROL MEASURES.
2. THE RESPONSIBILITY FOR MAINTAINING ALL PERMANENT EROSION CONTROL MEASURES AND FACILITIES AFTER SITE LAND RESTORATION ACTIVITY IS COMPLETED SHALL BE WITH SANTEE COOPER PERSONNEL.
3. AREAS AT FINAL GRADE SHALL RECEIVE PERMANENT STABILIZATION MEASURES WITHIN SEVEN CALENDAR DAYS OF REACHING FINAL GRADE.
4. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY 7 CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.50 INCHES AT PRECIPITATION DURING ANY 24 HR. PERIOD. SEDIMENT CONTROL FEATURES SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION.
5. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
6. TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAYS. REMOVE TRACKED MUD/SOIL FROM PAVEMENTS DAILY, AS REQUIRED.



TYPICAL SILT FENCE DETAIL
NOT TO SCALE

INDICATES GENERAL FLOW OF WATER

NOTE SEE SHEET 3 OF 6 FOR
RISER DETAILS

PURPOSE: WATERFOWL IMPOUNDMENT TO
ENHANCE WATERFOWL WINTERING HABITAT
AND PROVIDE PUBLIC WATERFOWL
HUNTING OPPORTUNITIES
DATUM: 75.5
ADJACENT PROPERTY OWNER:
SANTEE COOPER

PLAN VIEW
NOT TO SCALE
SCDNR
WILLIAM E. MAHAN
PO BOX 190
BONNEAU, SC 29431

PROPOSED WATERFOWL IMPOUNDMENT
DRAINAGE PLAN
IN: LAKE MARION
AT: HICKORY TOP
COUNTY OF: CLARENDON STATE: SC
APPLICATION BY: WILLIAM E. MAHAN
SHEET 7 OF 7 DATE: 11-4-02

2002-12-544-W