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 #2006-2389-2IR

October 20, 2006

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. 1344), the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), 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 S.C. Department of Health and Environmental Control by

JACOBS
2040 BUSHY PARK ROAD
GOOSE CREEK, SOUTH CAROLINA 29445

for a permit to conduct dredging, place fill material in waters of the United States, and replace existing dolphins in the

COOPER RIVER

at Jacobs located at 2040 Bushy Park Road in Berkeley County, South Carolina
(Latitude: 33.008100; Longitude: 79.921700).

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, NOVEMBER 20, 2006

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

The proposed work consists of performing mechanical dredging of approximately 7,900 cubic yards (3,400 cubic yards of maintenance and 4,500 cubic yards of new work) within the existing barge slip; replace three existing, damaged dolphins at the end of the slip and perform maintenance on the riprap bank protection on the upstream side of the slip. Approximately 380 cubic yards of riprap will be added to the existing riprap. The excavated material will be hauled by truck to an approximately 1.3 acre on-site disposal area on the south side of the Jacobs site, approximately 500 feet away. The disposal area will provide approximately 2 feet of freeboard. There will be no outflow from the area. Once dredging operations have been completed and the dredged material dried, the site will be graded. The purpose of the project according to the applicant is to provide adequate depth

for present and future customers, provide functioning dolphins to guide barges into the slip while preventing damage to the barges and the slip's structure, and to prevent further erosion of the river bank.

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 work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are 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 approximately 0.6 acres of freshwater substrates located upstream 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.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also 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. To insure that other cultural resources that the

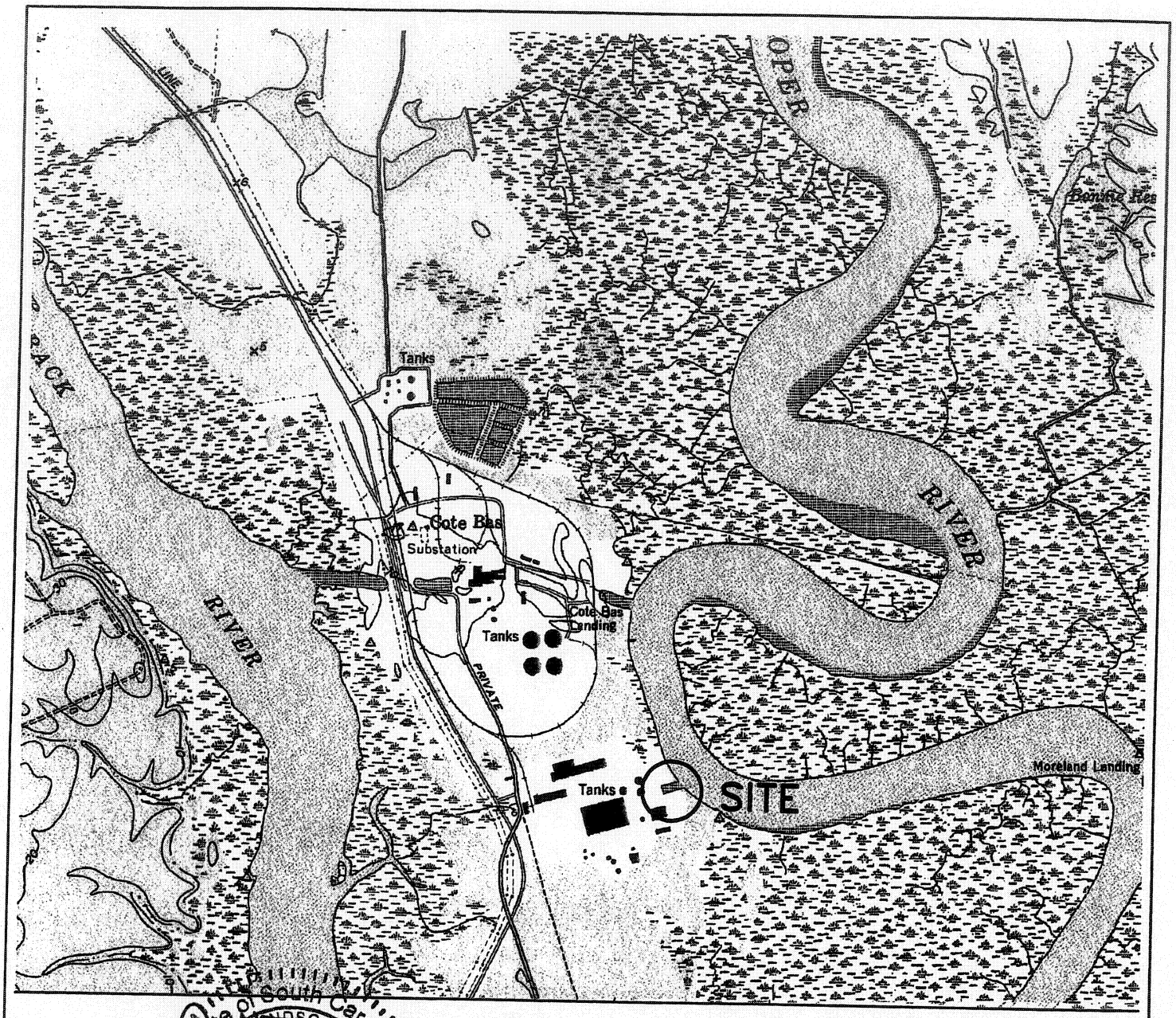
District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

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 Robin Coller-Socha at 843-329-8044 or toll free at 1-866-329-8187.



State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

0 2000
GRAPHIC SCALE 1" = 2000'

SAC# 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

ADJACENT RIPARIAN PROPERTY:
SEE SHEET 3

QUAD MAP
KITTREGE QUADRANGLE

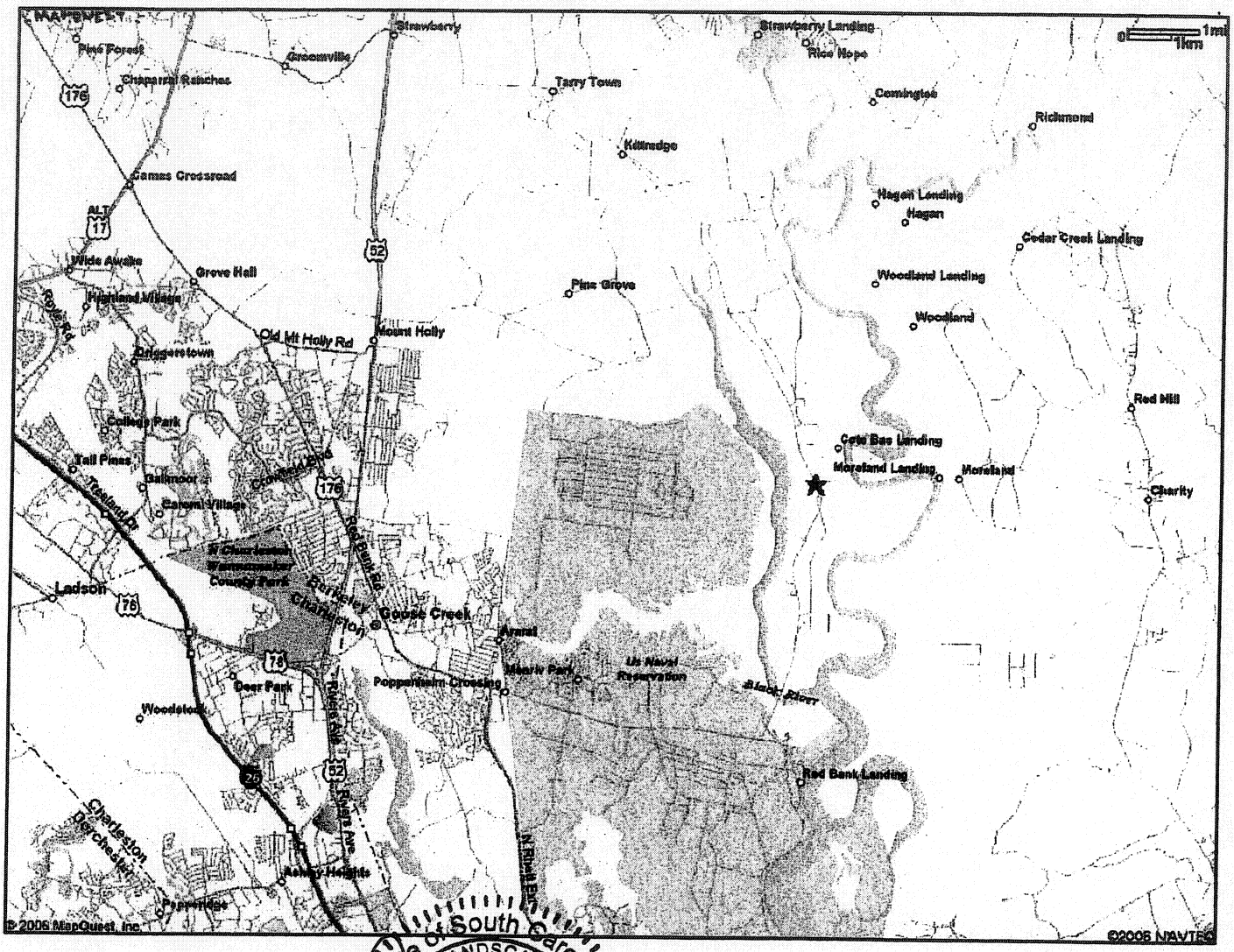
JACOBS DREDGING

BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 1 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.



State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

MAP: BY MAPQUEST

SAC # 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

ADJACENT RIPARIAN PROPERTY:
SEE SHEET 3

LOCATION MAP

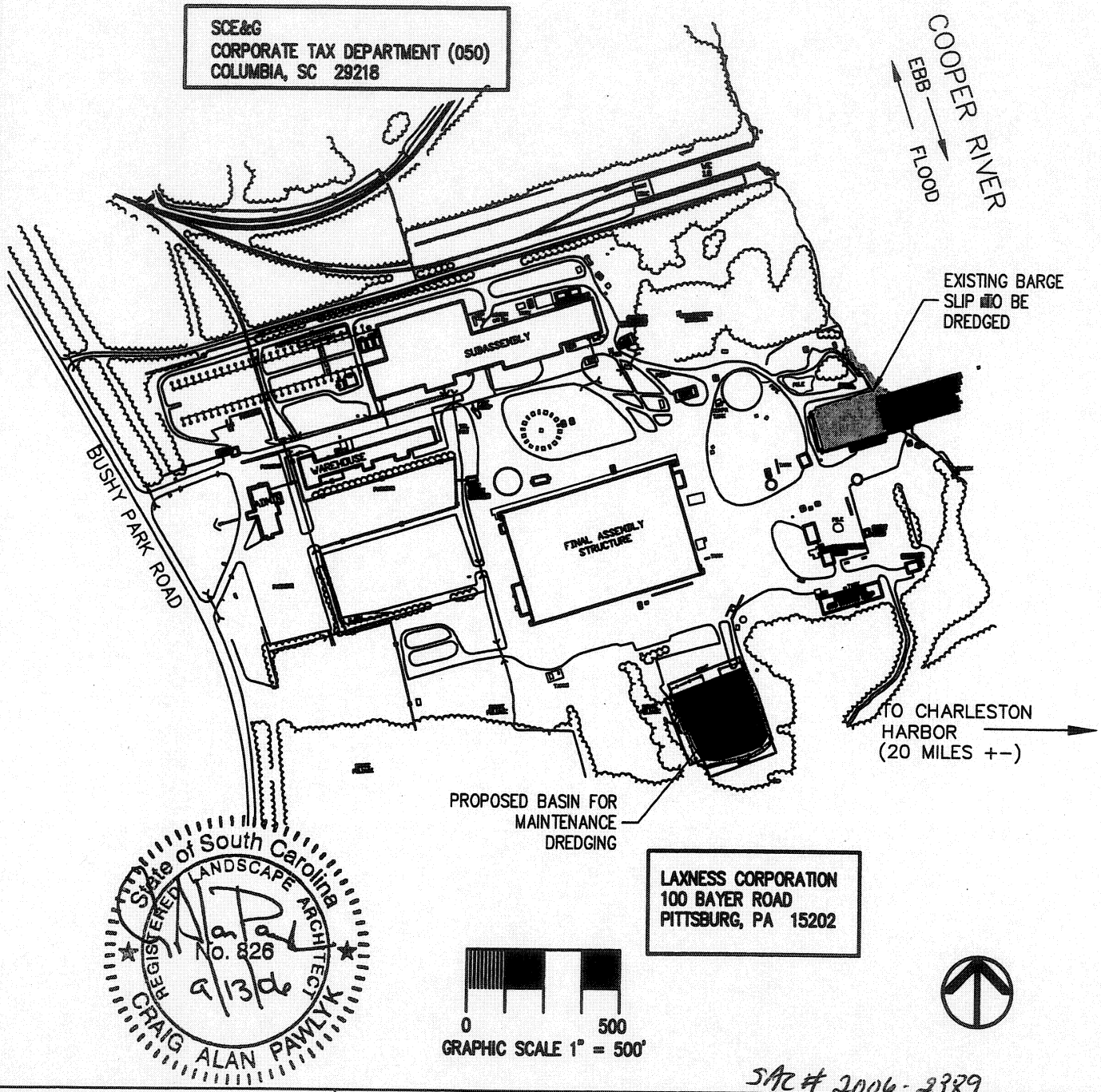
JACOBS DREDGING

BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 2 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.



State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

SAC # 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

OVERALL SITE LAYOUT

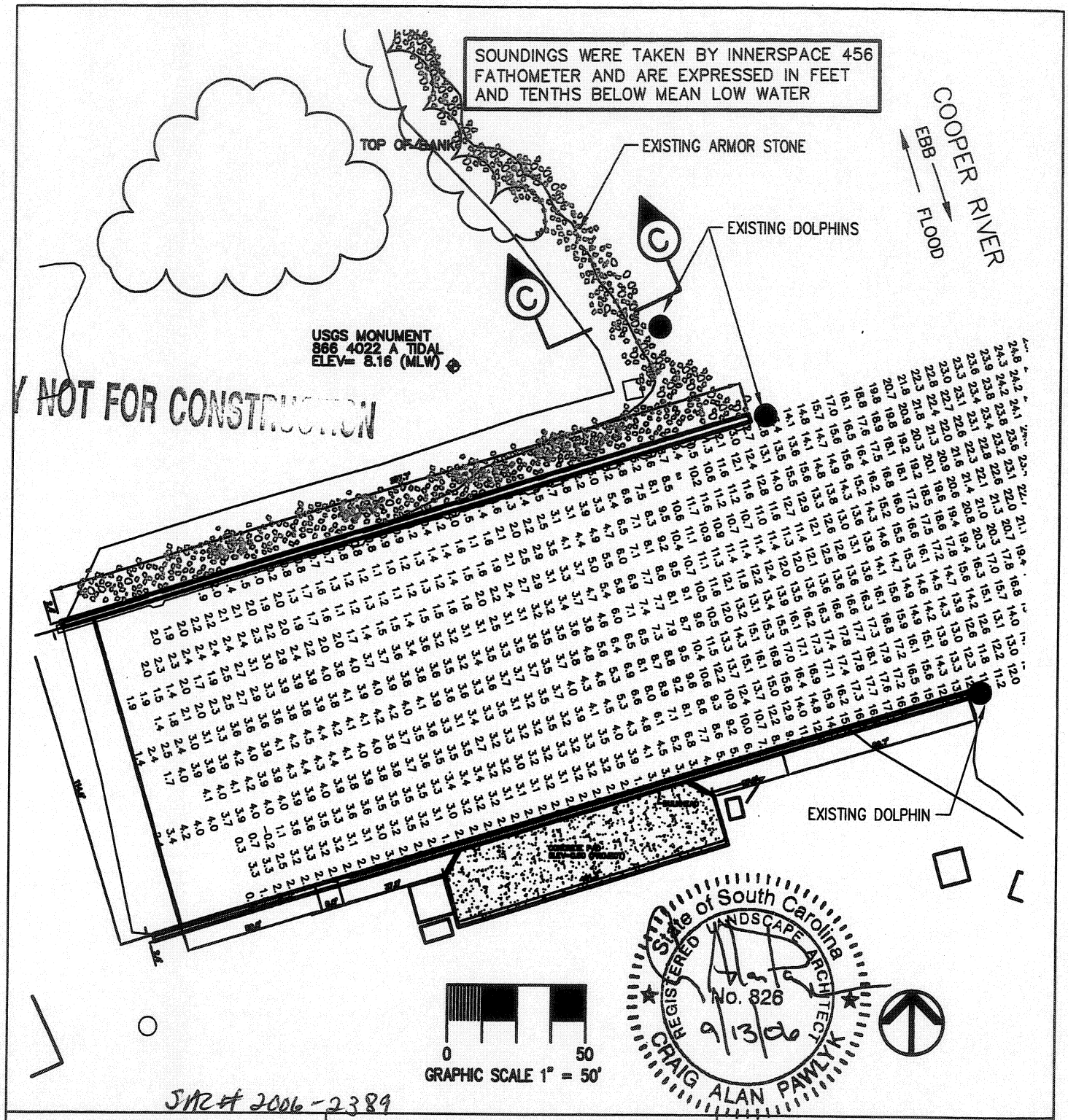
JACOBS DREDGING

BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 3 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.



State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

JMR# 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

EXISTING SITE CONDITIONS

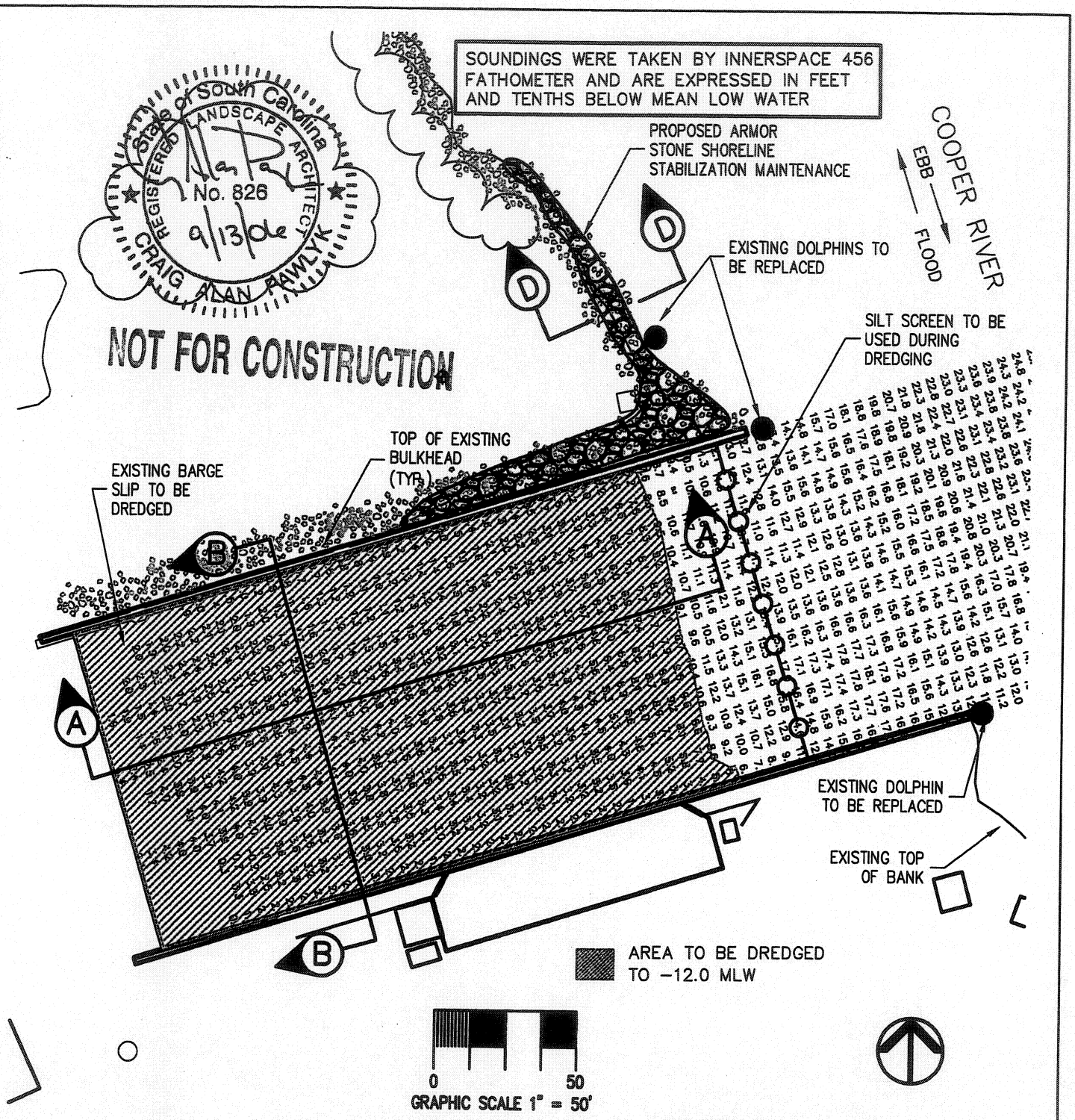
JACOBS DREDGING

BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 4 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.

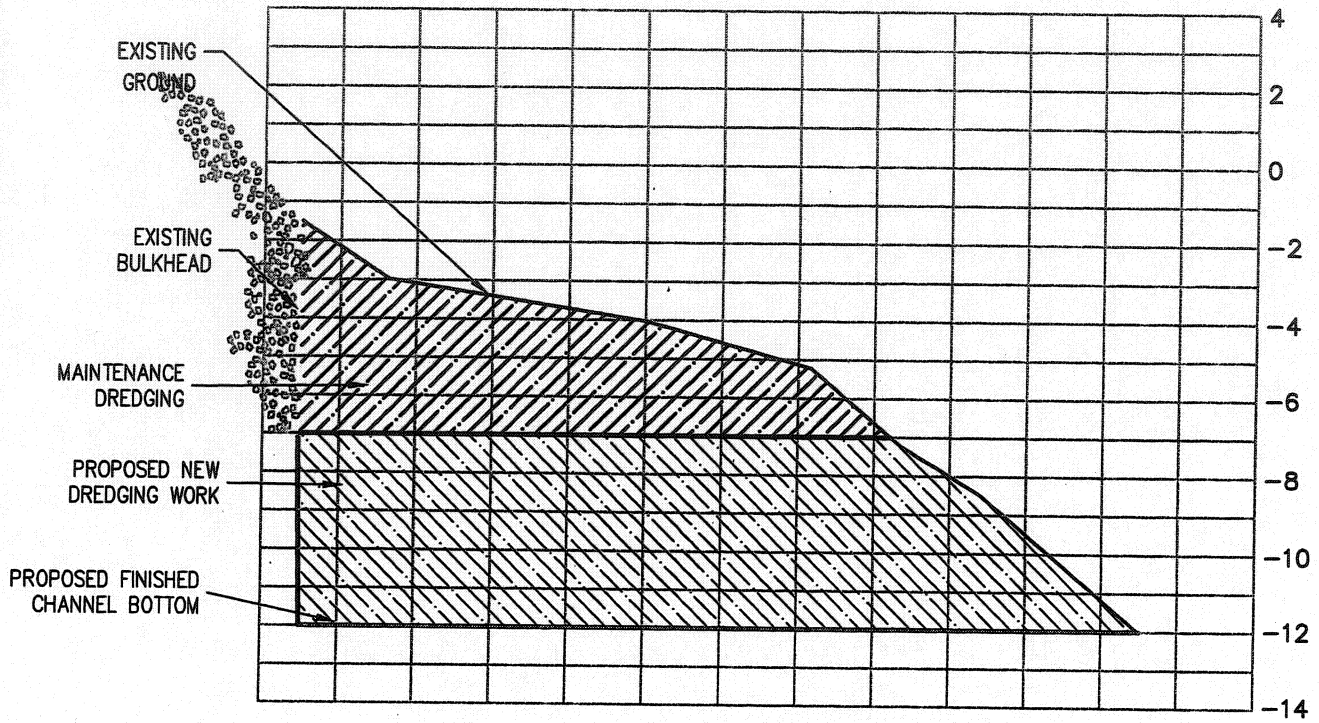


SAC # 2006-2389

AUTHORIZED AGENT: ZANDE-JON GUERRY TAYLOR, P.E., INC. P.O. BOX 1082 MT. PLEASANT, SC 29465 c/o MR. CRAIG PAWLYK	PROPOSED IMPROVEMENTS JACOBS DREDGING BERKELEY COUNTY, SC	**PROPOSED:** BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT **IN:** GOOSE CREEK **STATE OF:** SC **COUNTY OF:** BERKELEY **ON:** COOPER RIVER **SHEET:** 5 OF 11 **DATE:** 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.

NOT FOR CONSTRUCTION



TYPICAL SLIP SECTION A-A

MAINTENANCE DREDGING AREA TO -7.0

PROPOSED NEW WORK DREDGING AREA TO -12.0

0 50

SCALE: 1"=50' HORIZONTAL

5 0

SCALE: 1"=5' VERTICAL

DIMENSIONS AND WATER DEPTHS ARE AS FOUND IN AUGUST OF 2006. THE PERMIT DRAWINGS REPRESENT DREDGING ISSUES NECESSARY TO COMPUTE QUANTITIES, SHOW LIMITS OF EXCAVATION AND TO BE PREPARATORY FOR FURTHER DREDGING DESIGN BY A PROFESSIONAL ENGINEER COMPETENT TO EVALUATE EXISTING CONDITIONS OF THE DREDGE BOTTOM, BULKHEAD AND DOCK SYSTEMS INCLUDING PILES. THESE PERMIT DRAWINGS DO NOT REPRESENT FINAL DESIGN OR CONSTRUCTION DRAWINGS.

JAC# 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

REGISTERED State of South Carolina LANDSCAPE ARCHITECT No. 828 9/13/06 CRAIG ALAN PAWLYK

PROPOSED IMPROVEMENTS

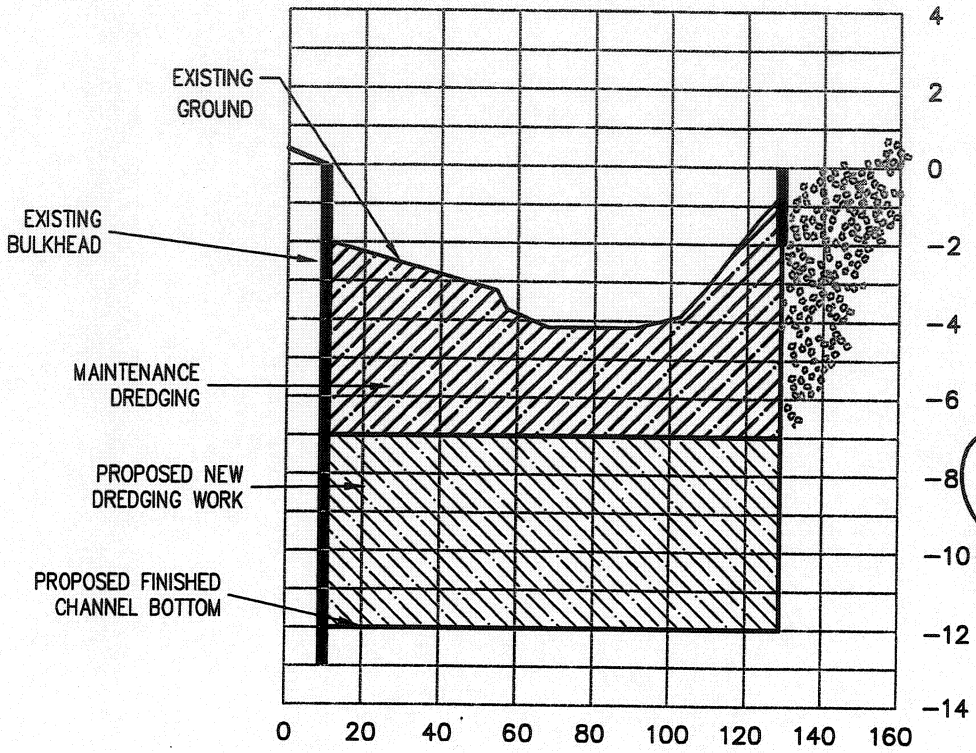
JACOBS DREDGING

BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 6 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.

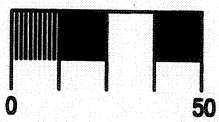


TYPICAL SLIP SECTION B-B

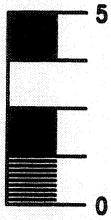
MAINTENANCE DREDGING AREA TO -7.0

PROPOSED NEW WORK DREDGING AREA TO -12.0

NOT FOR CONSTRUCTION



SCALE: 1"=50' HORIZONTAL



SCALE: 1"=5' VERTICAL

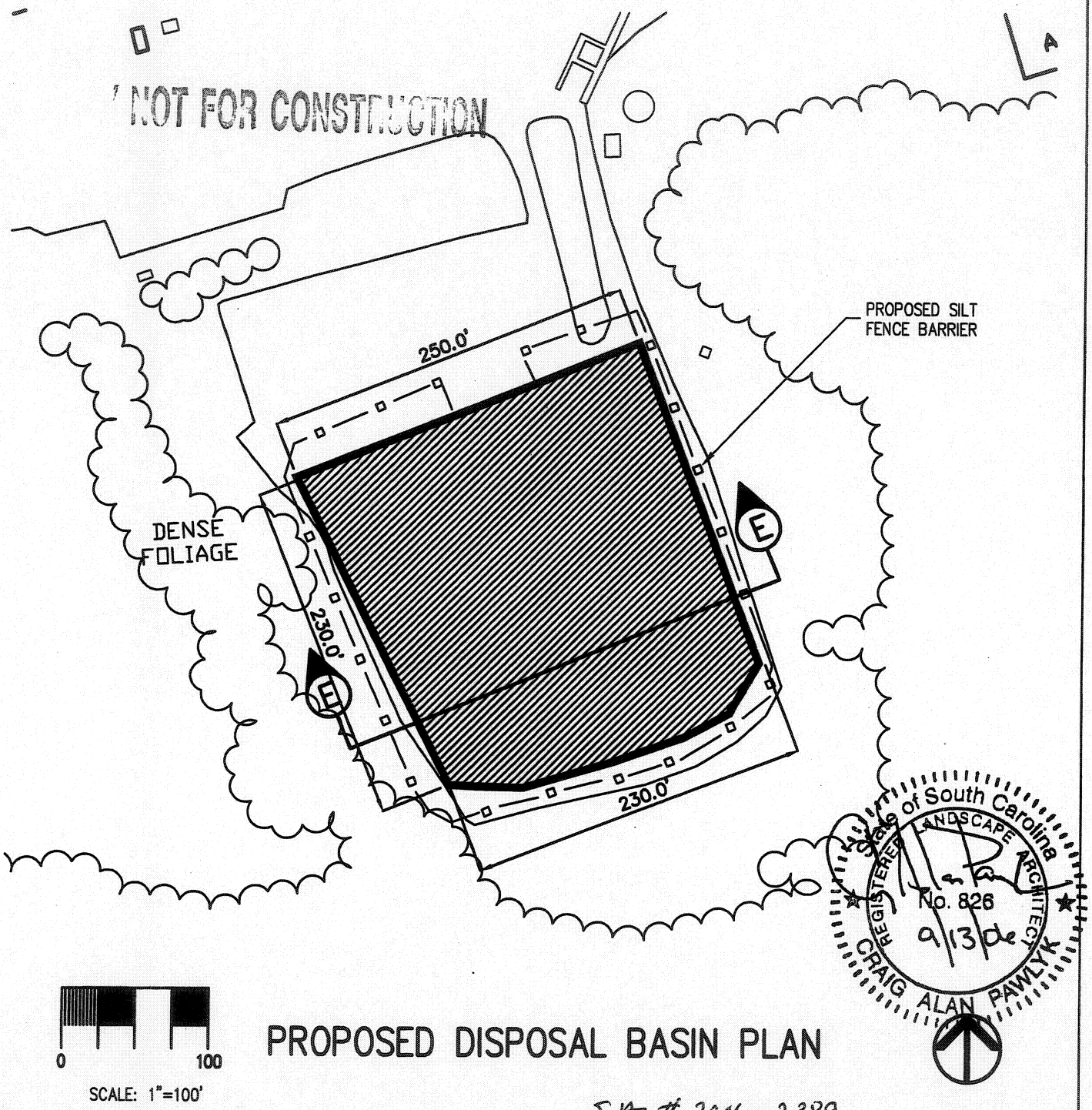
State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

DIMENSIONS AND WATER DEPTHS ARE AS FOUND IN AUGUST OF 2006. THE PERMIT DRAWINGS REPRESENT DREDGING ISSUES NECESSARY TO COMPUTE QUANTITIES, SHOW LIMITS OF EXCAVATION AND TO BE PREPARATORY FOR FURTHER DREDGING DESIGN BY A PROFESSIONAL ENGINEER COMPETENT TO EVALUATE EXISTING CONDITIONS OF THE DREDGE BOTTOM, BULKHEAD AND DOCK SYSTEMS INCLUDING PILES. THESE PERMIT DRAWINGS DO NOT REPRESENT FINAL DESIGN OR CONSTRUCTION DRAWINGS.

JMc # 2006-2389

AUTHORIZED AGENT: ZANDE-JON GUERRY TAYLOR, P.E., INC. P.O. BOX 1082 MT. PLEASANT, SC 29465 c/o MR. CRAIG PAWLYK	PROPOSED IMPROVEMENTS JACOBS DREDGING BERKELEY COUNTY, SC	PROPOSED: BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT IN: GOOSE CREEK STATE OF: SC COUNTY OF: BERKELEY ON: COOPER RIVER SHEET: 7 OF 11 DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.



PROPOSED DISPOSAL BASIN PLAN

SJAC # 2006-2389

AUTHORIZED AGENT:
ZANDE-JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

PROPOSED IMPROVEMENTS

JACOBS DREDGING

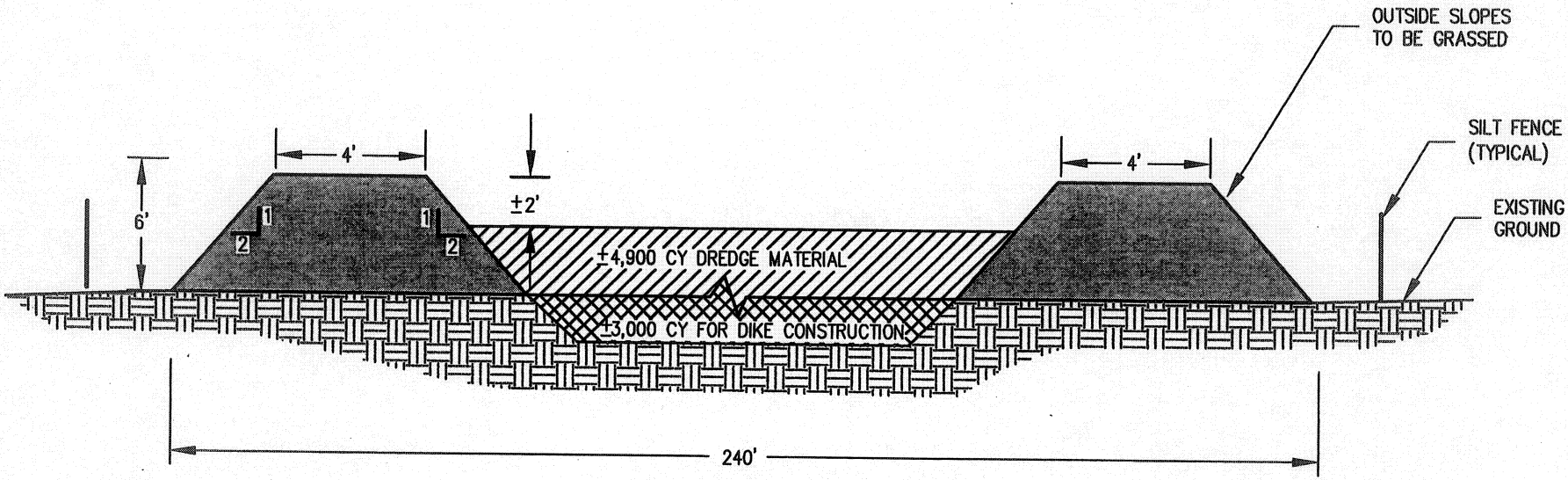
BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY
ON: COOPER RIVER SHEET: 8 OF 11
DATE: 9/13/06

JACOBS-DREDGE-BASE
ZANDE-JON GUERRY TAYLOR P.E.

NOT FOR CONSTRUCTION



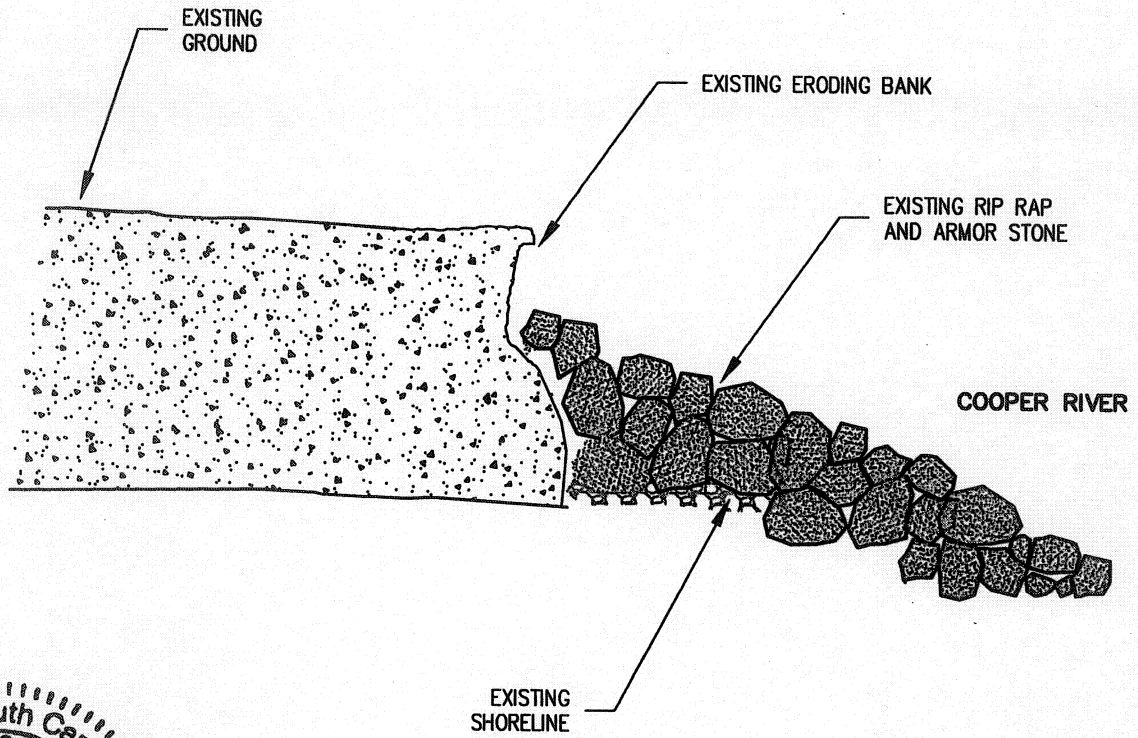
(SECTION (E-E)
PROPOSED DISPOSAL BASIN SECTION

NOT TO SCALE

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

SAC # 2006-2389

AUTHORIZED AGENT: ZANDE-JON GUERRY TAYLOR, P.E., INC. P.O. BOX 1082 MT. PLEASANT, SC 29465 c/o MR. CRAIG PAWLYK	PROPOSED IMPROVEMENTS **JACOBS DREDGING** BERKELEY COUNTY, SC	PROPOSED: BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT IN: GOOSE CREEK STATE OF: SC COUNTY OF: BERKELEY ON: COOPER RIVER DATE: 9/13/06 SHEET: 9 OF 11



NOT FOR CONSTRUCTION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

(SECTION C–C)
EXISTING CONDITIONS
NOT TO SCALE

SMC # 2006-2389

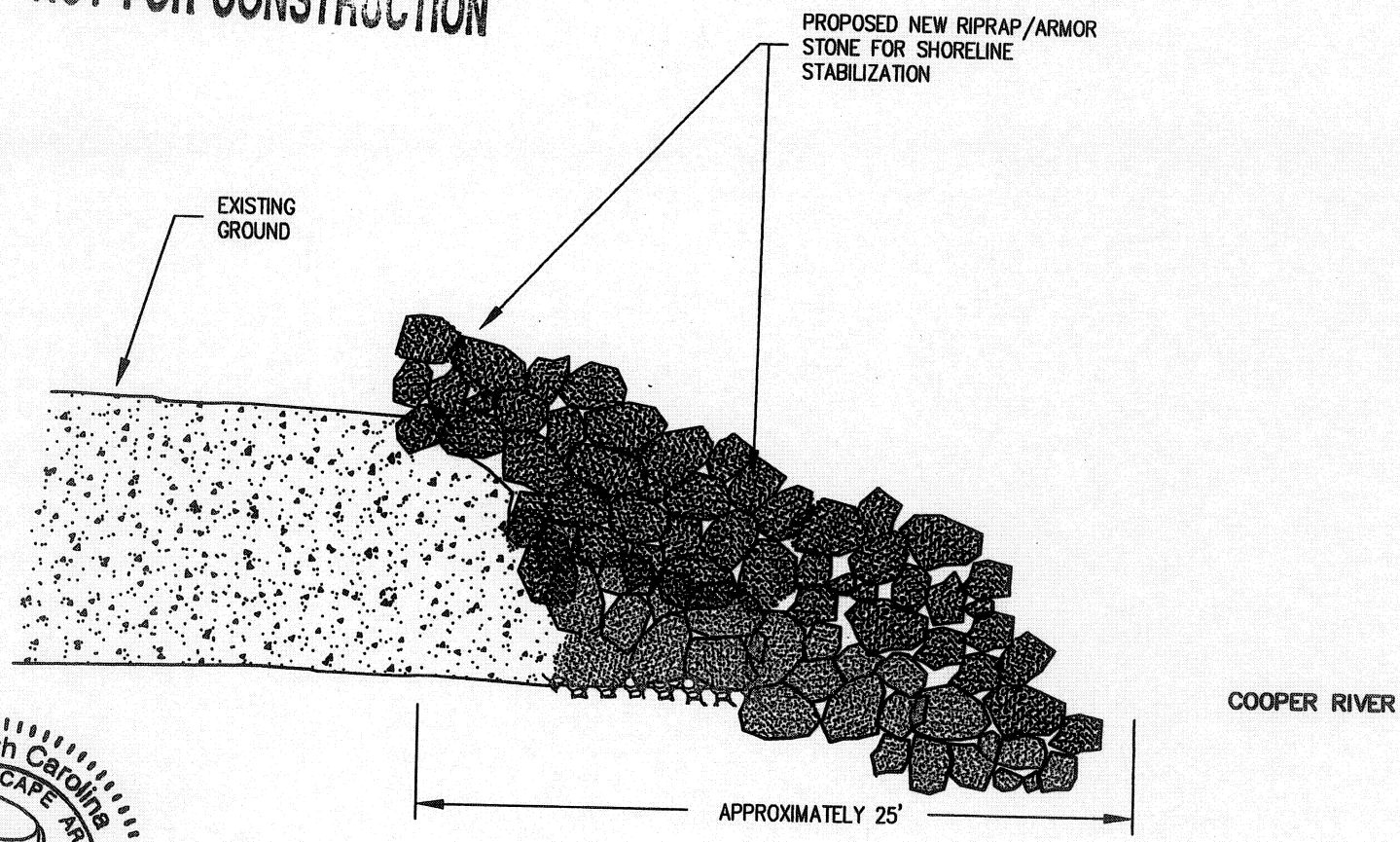
AUTHORIZED AGENT:
ZANDE–JON GUERRY TAYLOR, P.E., INC.
P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

SHORELINE STABILIZATION
EXISTING CONDITIONS
JACOBS DREDGING
BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON–SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY ON: COOPER RIVER
DATE: 9/13/06 SHEET: 10 OF 11

NOT FOR CONSTRUCTION



State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 826
9/13/06
CRAIG ALAN PAWLYK

(SECTION D–D)
PROPOSED SITE IMPROVEMENTS

SAC # 2006-2389

AUTHORIZED AGENT:
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P.O. BOX 1082
MT. PLEASANT, SC 29465
c/o MR. CRAIG PAWLYK

SHORELINE STABILIZATION
EXISTING CONDITIONS
JACOBS DREDGING
BERKELEY COUNTY, SC

PROPOSED:
BARGE SLIP MAINTENANCE AND NEW WORK DREDGING WITH ON-SITE DISPOSAL, ARMOR STONE SHORELINE PROTECTION MAINTENANCE AND EXISTING DOLPHIN REPLACEMENT

IN: GOOSE CREEK STATE OF: SC
COUNTY OF: BERKELEY ON: COOPER RIVER
DATE: 9/13/06 SHEET: 11 OF 11