



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3640

SEPTEMBER 03 2015

Regulatory Division
SAS-2015-00279

JOINT PUBLIC NOTICE Savannah District/State of Georgia

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344), as follows:

Application Number: SAS-2015-00279

Applicant: Ms. Hollie White
Causton Bluff Home Owners Association, Inc.
Post Office Box 13310
Savannah, Georgia 31416

Agent: Mr. Michael J. DeMell
Environmental Services, Inc. (ESI)
Post Office Box 2383
Savannah, Georgia 31402

Location of Proposed Work: The project site is located at a 4.6 acre lagoon complex within the Causton Bluff Subdivision, in Savannah, Chatham County, Georgia (Latitude 32.0678, Longitude -81.0277).

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers:
The applicant has proposed to fill 0.33 acre of salt marsh and temporarily impact 0.27 acre of salt marsh during the reconstruction of a failing dike along the northern section of an existing lagoon complex. According to the applicant's agent, ESI, the need for the proposed project is to stop erosion and destruction of the remaining dike complex, lagoon banks and private properties adjacent to the lagoon complex. To maintain current tidal fluctuations, the applicant has proposed the construction of an outfall/control structure. The proposed outfall structure would consist of a 4' x 4' concrete box with aluminum stop logs (on the lagoon side) and a flap gate (on the marsh side). The flap gate would be locked in an open position to allow tidal flushing. The aluminum stop logs would be set at an elevation equal to the pre-breach pool elevations. In addition, a hardened overflow structure would be constructed above the control structure to allow for a defined route for water to top the dike and equalize the lagoon during extreme high tide events. The dike would be constructed to an elevation

of 7' above Mean Sea Level (MSL) and an elevation of 6' MSL at the overflow structure. To offset the loss in aquatic function associated with the fill impacts, the applicant has proposed the purchase of 3.27 wetland credits from the AA Shaw Wetland Mitigation Bank.

BACKGROUND

Based on information provided in the application, the lagoon complex was constructed for the purpose of stormwater storage and treatment for the subdivision. The existing dike is an earthen dike that was originally apart of mosquito control efforts. The dike contains 2, 15" control structure pipes. According to ESI, a major breach occurred in 2012 that resulted in the unobstructed daily tidal flushing of the lagoon and subsequent erosion of the lagoon shoreline.

This Joint Public Notice announces a request for authorizations from both the U.S. Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

STATE OF GEORGIA

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on, or adjacent to the waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Water Protection Branch, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354, during regular office hours. A copier machine is available for public use at a charge of 25 cents per page. Any person who desires to comment, object, or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can be reviewed in the Savannah District, U.S. Army Corps of Engineers, Regulatory Division, 100 W. Oglethorpe Avenue Savannah, Georgia 31401-3640.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

Marshland Protection: This notice also serves as notification of a request to alter coastal marshlands (under the provision of the Coastal Marshlands Protection Act, Georgia Laws, 1970, p. 939 and as amended), if required. Comments concerning this action should be submitted to the Ecological Services Section, Coastal Resources

Division, Georgia Department of Natural Resources, 1 Conservation Way, Brunswick, Georgia 31523-8600 (Telephone 912-264-7218).

Georgia Coastal Management Program: Prior to the Savannah District Corps of Engineers making a final permit decision on this application, the project must be certified by the Georgia Department of Natural Resources, Coastal Resources Division, to be consistent with applicable provisions of the State of Georgia Coastal Management Program (15 CFR 930). Anyone wishing to comment on Coastal Management Program certification of this project should submit comments in writing within 30 days of the date of this notice to the Federal Consistency Coordinator, Ecological Services Section, Coastal Resources Division, Georgia Department of Natural Resources, One Conservation Way, Brunswick, Georgia 31523-8600 (Telephone 912-264-7218).

U.S. ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: Review of the latest published version of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion are located at the site or in the area affected by the proposed work. Presently unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work.

Essential Fish Habitat (EFH): This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal could result in the destruction or alteration of approximately 0.33 acres of EFH utilized by various life stages of species comprising the red drum, shrimp, bluefish or snapper grouper management complexes. Our initial determination is that the proposed action would not have an individual or cumulatively substantial adverse impact on EFH or federally managed fisheries in the Atlantic Ocean. Our final determination relative to project impacts to EFH and the need for mitigation measures are subject to review by and coordination with the NMFS and the South Atlantic Fisheries Management Council.

Endangered Species: Based on information provided in the application, the project would have no effect on any listed threatened or endangered species, nor any listed critical habitat. Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), we request information from the U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, the National Oceanic and Atmospheric Administration, and the National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. 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 proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal 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, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The U.S. Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. 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 proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army Permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

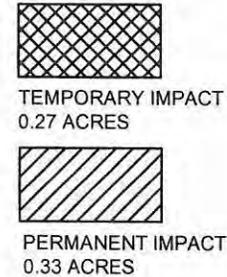
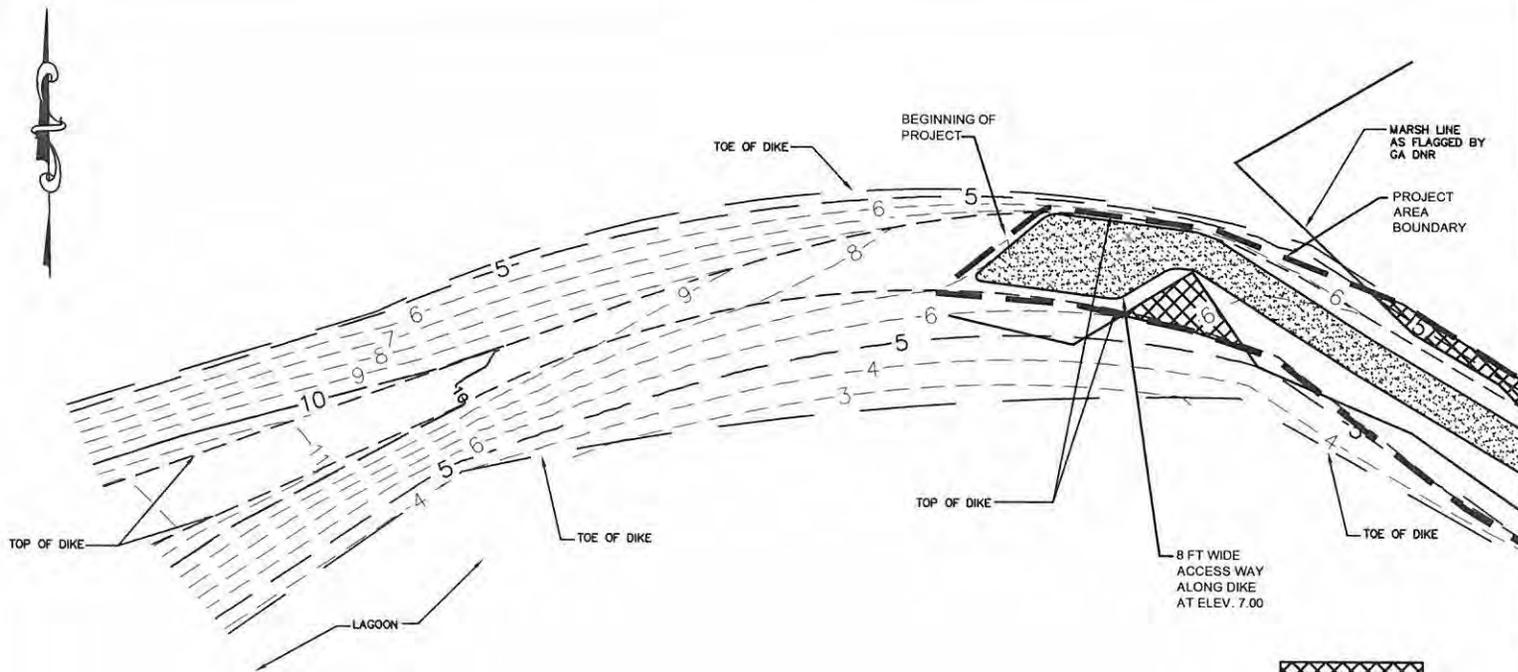
Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Mrs. Sarah E. Wise, 100 West Oglethorpe Avenue Savannah, Georgia 31401-3640, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Mrs. Sarah E. Wise, Project Manager, Coastal Branch at 912-652-5550.

Encls

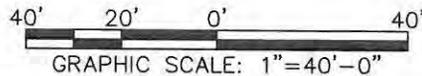
1. Marsh Boundary GPS Data, Causton Bluff Owners Association, Inc., dated August 2015
2. Marsh and Vegetation GPS Data, Causton Bluff Owners Association, Inc., dated August 2015.
3. Permit Exhibit, Causton Bluff Dike Repair, Chatham County, Georgia; dated April 20, 2015 (6 Sheets).

0:\2015\PA\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015 12:26:56 PM



PLAN

1"=40'



**SHEET 1
OF 6**

MATCH LINE SHEET 2

EMC ENGINEERING SERVICES, INC.
 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH
 SUITE 100
 SAVANNAH, GEORGIA 31405
 CIVIL PHONE: (912) 232-6533
 MARINE FAX: (912) 233-4580
 ENVIRONMENTAL

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK,
COLUMBUS, SAVANNAH & VALDOSTA

PERMIT EXHIBIT CAUSTON BLUFF DIKE REPAIR

CHATHAM COUNTY, GEORGIA

Prepared for:

CAUSTON BLUFF OWNERS ASSOCIATION, INC.

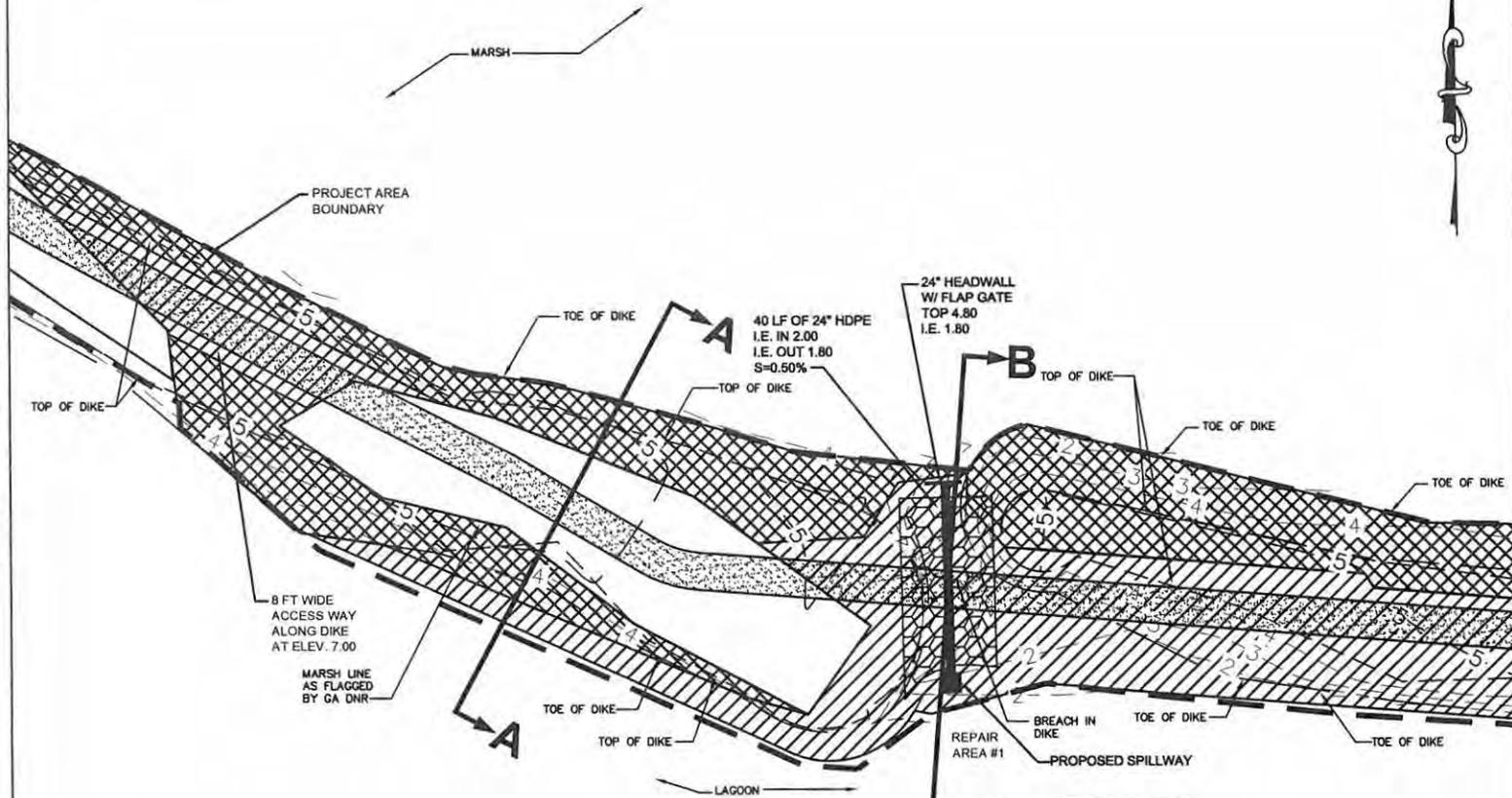


PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015

O:\2015\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015 12:26:50 PM

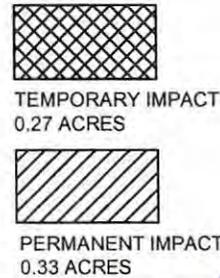
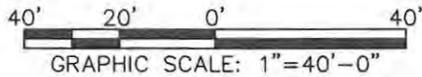
MATCH LINE SHEET 1

MATCH LINE SHEET 3



PLAN

1"=40'



**SHEET 2
OF 6**

EMC ENGINEERING SERVICES, INC.
 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH SUITE 100
 SAVANNAH, GEORGIA 31405
 PHONE: (912) 232-6533
 FAX: (912) 233-4580

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK,
 COLUMBUS, SAVANNAH & VALDOSTA

**PERMIT EXHIBIT
 CAUSTON BLUFF
 DIKE REPAIR**

CHATHAM COUNTY, GEORGIA

Prepared for:

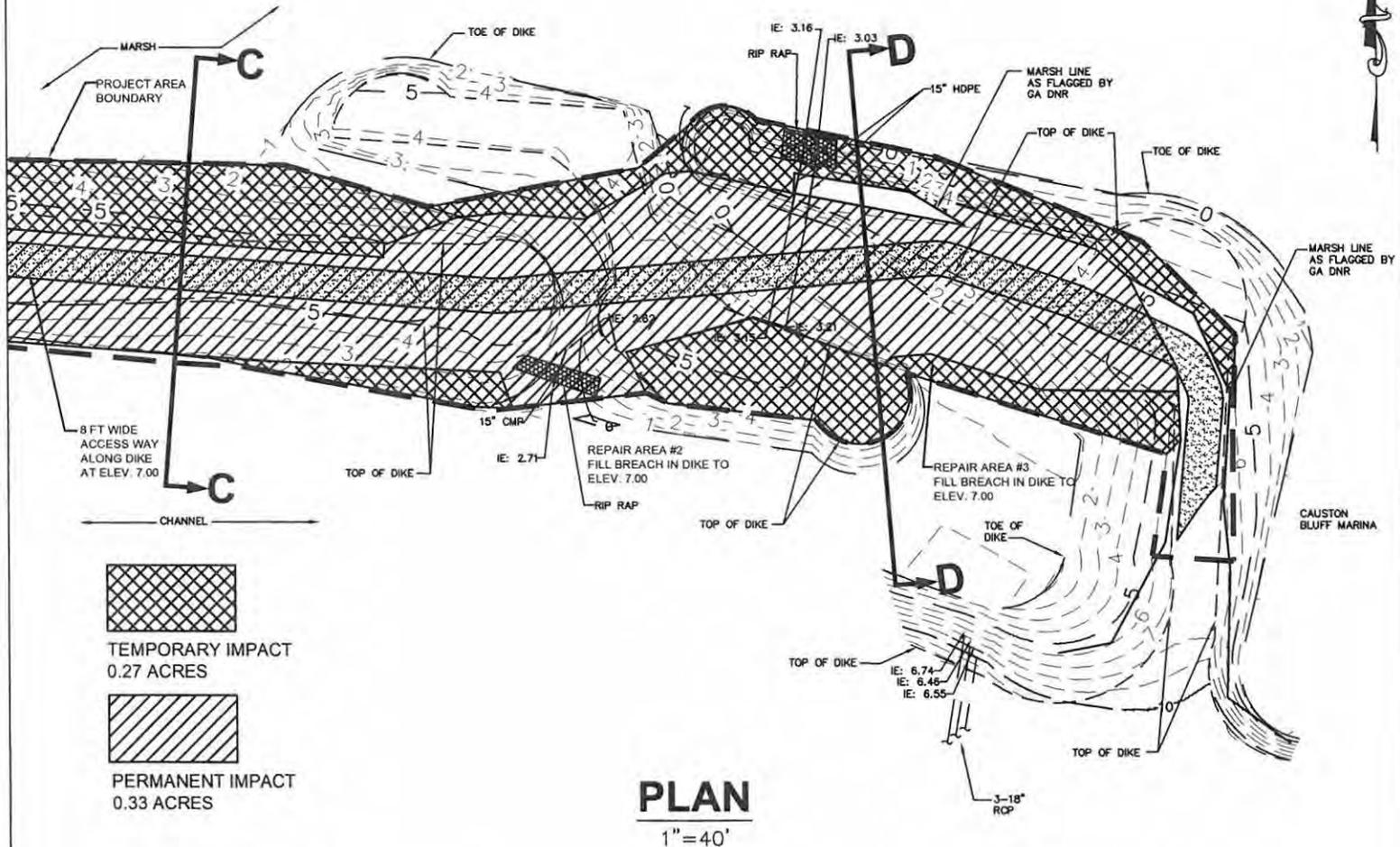
CAUSTON BLUFF OWNERS ASSOCIATION, INC.



PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015

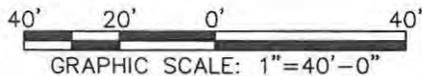
O:\2015\PA\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015, 12:26:44 PM

MATCH LINE SHEET 2



PLAN

1"=40'



SHEET 3 OF 6

EMC ENGINEERING SERVICES, INC.
 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH
 SUITE 100
 SAVANNAH, GEORGIA 31405
 PHONE: (912) 232-6533
 FAX: (912) 233-4580

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK,
 COLUMBUS, SAVANNAH & VALDOSTA

**PERMIT EXHIBIT
 CAUSTON BLUFF
 DIKE REPAIR**

CHATHAM COUNTY, GEORGIA

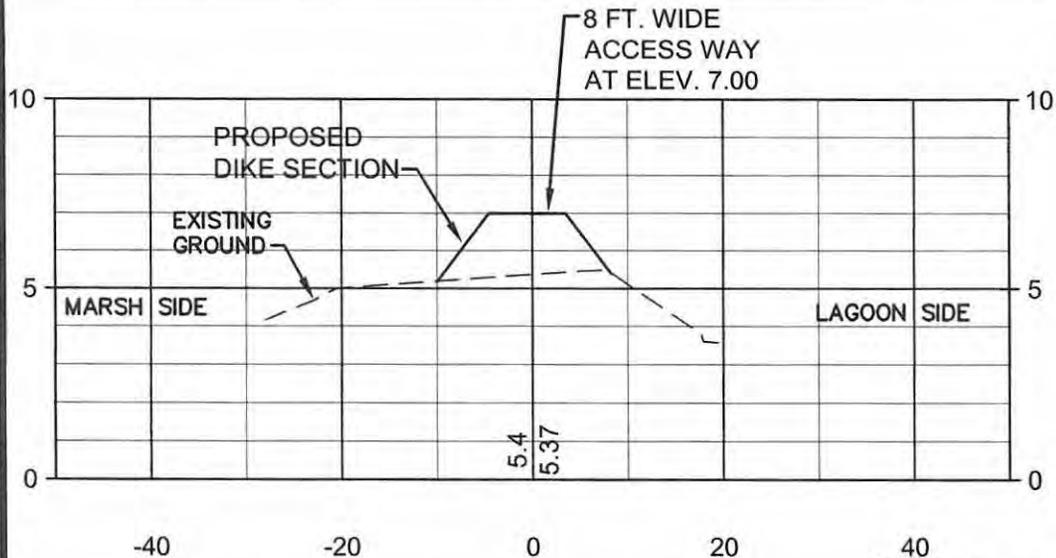
Prepared for:

CAUSTON BLUFF OWNERS ASSOCIATION, INC.



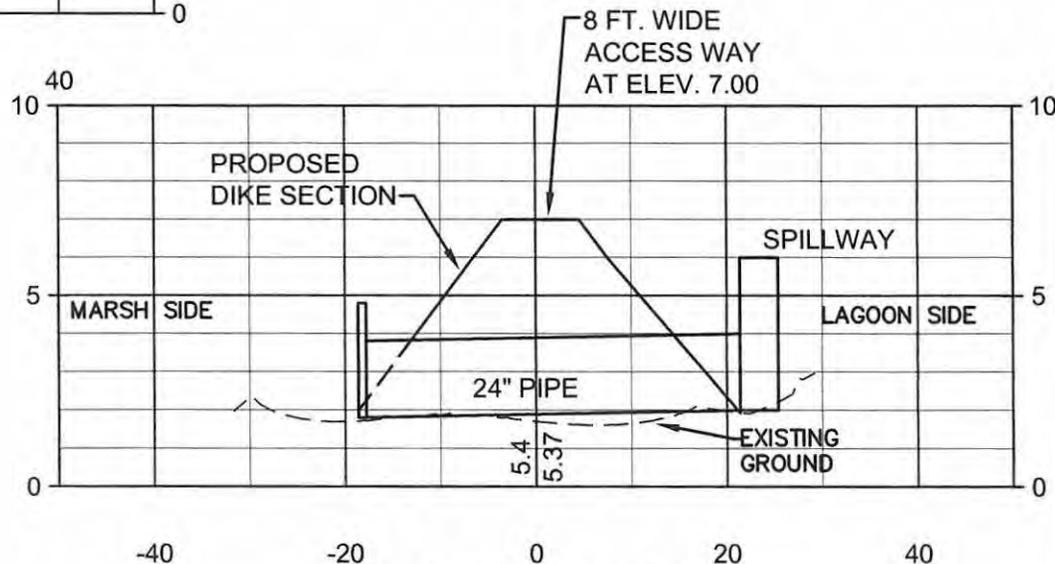
PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015

O:\2015\PA\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015 12:26:37 PM



SECTION A-A

HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

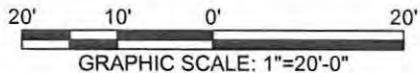


SECTION B-B

HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

CROSS SECTIONS ARE VIEWED LOOKING EAST

SHEET 4 OF 6



EMC ENGINEERING SERVICES, INC.
 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH SUITE 100
 SAVANNAH, GEORGIA 31405
 PHONE: (912) 232-6533
 FAX: (912) 233-4580

emc
 CIVIL MARINE ENVIRONMENTAL

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK, COLUMBUS, SAVANNAH & VALDOSTA

PERMIT EXHIBIT CAUSTON BLUFF DIKE REPAIR

CHATHAM COUNTY, GEORGIA

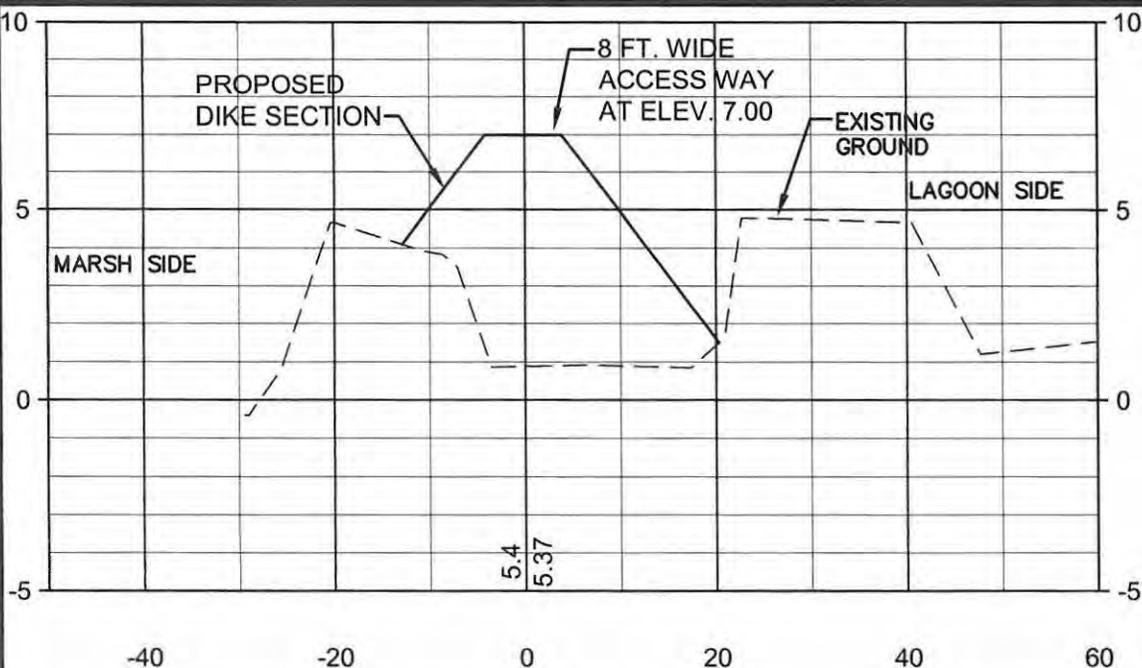
Prepared for:

CAUSTON BLUFF OWNERS ASSOCIATION, INC.



PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015

O:\2015\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015, 12:26:31 PM



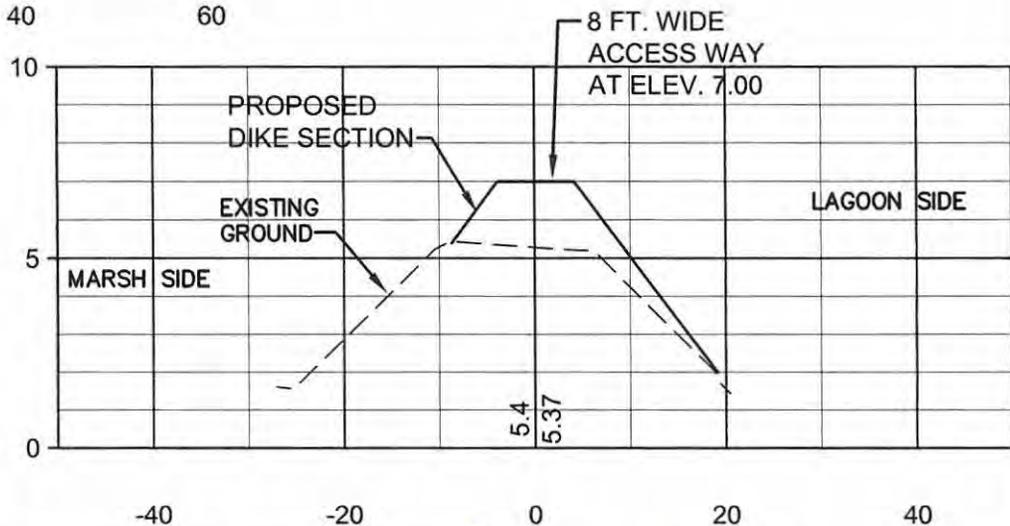
SECTION D-D

HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

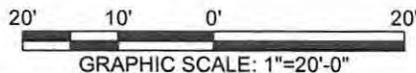
CROSS SECTIONS ARE VIEWED LOOKING EAST

SECTION C-C

HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



**SHEET 5
OF 6**



EMC ENGINEERING SERVICES, INC.

 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH
 SUITE 100
 SAVANNAH, GEORGIA 31405
 PHONE: (912) 232-6533
 FAX: (912) 233-4580

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK,
COLUMBUS, SAVANNAH & VALDOSTA

PERMIT EXHIBIT CAUSTON BLUFF DIKE REPAIR

CHATHAM COUNTY, GEORGIA

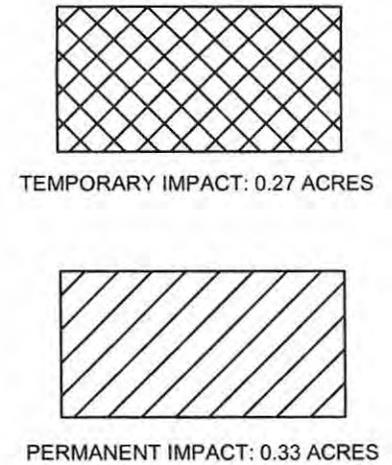
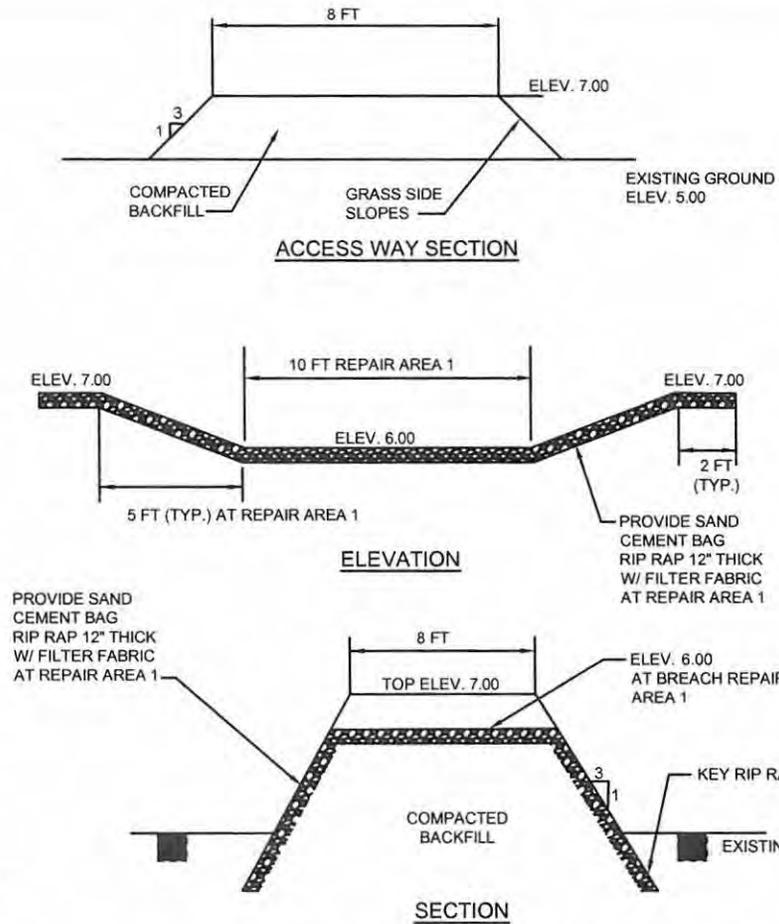
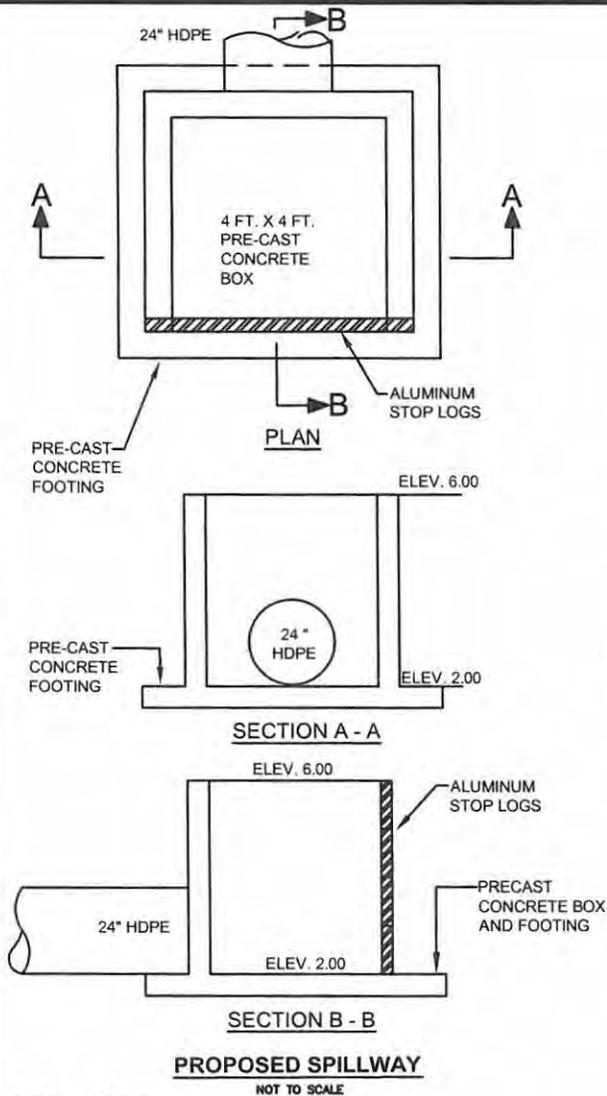
Prepared for:

CAUSTON BLUFF OWNERS ASSOCIATION, INC.



PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015

O:\2015\15-5005 Causton Bluff, Dike Repair\DWG\15-5005C_b04.dwg, 6/10/2015 1:04:46 PM



SHEET 6 OF 6

EMC ENGINEERING SERVICES, INC.

 P.O. BOX 8101, 31412
 10 CHATHAM CENTER SOUTH SUITE 100
 SAVANNAH, GEORGIA 31405
 PHONE: (912) 232-6533
 FAX: (912) 233-4580

ALBANY, ATLANTA, AUGUSTA, BRUNSWICK, COLUMBUS, SAVANNAH & VALDOSTA

**PERMIT EXHIBIT
CAUSTON BLUFF
DIKE REPAIR**

CHATHAM COUNTY, GEORGIA

Prepared for:

CAUSTON BLUFF OWNERS ASSOCIATION, INC.



PROJECT NO.:	15-5005
DRAWN BY:	BWL
DESIGNED BY:	BWL
SURVEYED BY:	EMC
SURVEY DATE:	4-20-15
CHECKED BY:	BWL
SCALE:	1"=40'
DATE:	JUNE 2015