

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
1835 Assembly Street, RM 865 B1
Columbia, South Carolina 29201
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N SAC-2017-01285

December 21, 2017

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 South Carolina Department of Health and Environmental Control by

Mr. Joseph Berry
c/o Shane Boring
Johnson, Mirmiran, & Thompson, Inc.
3973 Southeastern Way
West Columbia, South Carolina 29169

for a permit to place fill material associated with the excavation of sandbars in

Langley Pond

Located east of Langley Dam Road in Aiken County, South Carolina (Latitude: 33.5253 °N, Longitude: 81.8400 °W), Graniteville Quadrangle.

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 the **Corps** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

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

The proposed work consists of the placement of permanent fill in 0.68 acres and the temporary placement of 1.79 acres of fill in Langley Pond. These activities are associated with the removal of 6.6 acres of sediment required to establish an Olympic caliber rowing course within

Langley Pond. In detail, the proposed project would include excavation of three sandbars totaling 6.6 acres. The minimum depth needed is 9 feet, which is anticipated to result in 21,643 cubic yards of sediment removal and backfilled with 422 cubic yards (0.68 acres) of sand and concrete. An additional 1.79 acres of temporary construction access mats may be used to access the sandbars from the edge of the pond at normal pool elevation. Due to wastewater received by industrial facilities during the late-19th and 20th centuries, Langley Pond contains concentrated contaminated sediments approximately six inches thick around 6 inches below the mud line, according to a study prepared by CDM Smith for SCDHEC. The same study identified the primary concern for these sediments as metals, organochlorine pesticides, PCBs, and SVOCs. The sediment removal for the proposed project is planned to excavate beyond the contaminated sediment layer and the margins would be capped with interlocking Armorflex, which will be backfilled with clean sand. According to the applicant, "excavated material will be removed by trackhoe or similar equipment and will be sampled and tested in-place, and based on the testing, will be classified as contaminated or non-hazardous. Material classified as contaminated will be measured as cubic yards removed and hauled to a hazardous waste landfill in Alabama". Material deemed non-hazardous will be measured in cubic yards and placed in a landfill in Aiken County. Currently, Langley Pond is lowered by approximately 7 feet and is anticipated to be drawn down further in order for this proposed work to occur in the dry. The applicant does not anticipate that the excavated material will need to be dewatered, and therefore will be placed directly on haul trucks to be transported to the proper waste landfills. The applicant has not proposed any compensatory mitigation for impacts associated with the project. According to the applicant, the project purpose is to establish a five-lane, Olympic caliber rowing course in Langley Pond.

NOTE: This public notice and associated plans are available on the Corps' website at:
<http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

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. 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 District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

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 8.39 acres of freshwater habitat well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's 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). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District

Engineer has determined, based on the most recently available information 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 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 Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties 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 and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

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.

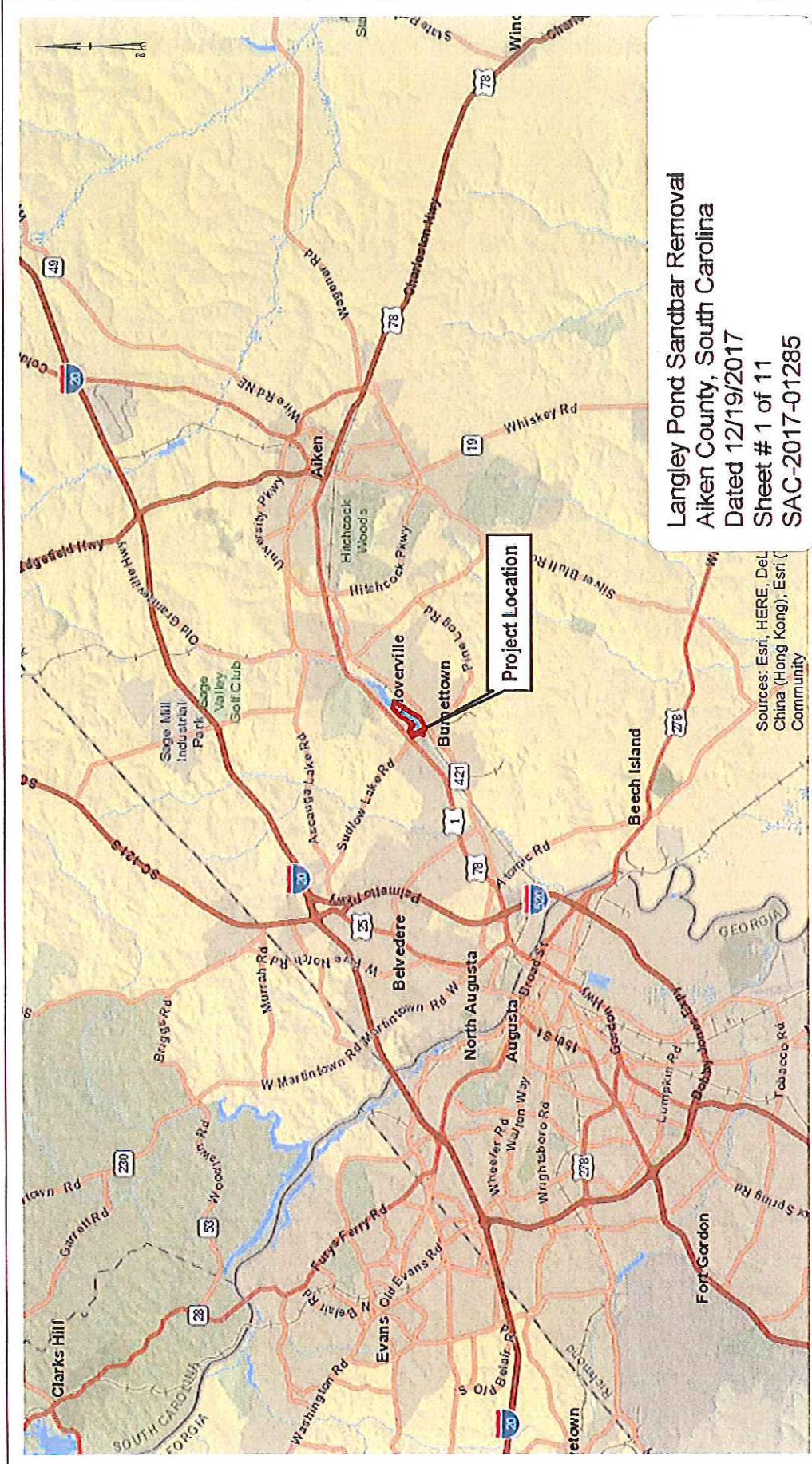
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 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 cannot undertake to adjudicate rival claims.

The Corps 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 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. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1835 Assembly Street, RM 865 B1
Columbia, South Carolina 29201**

If there are any questions concerning this public notice, please contact Jarrett Cellini, Project Manager, at (803) 253-3916.



Langley Pond Sandbar Removal
 Aiken County, South Carolina
 Dated 12/19/2017
 Sheet # 1 of 11
 SAC-2017-01285

FIGURE: VICINITY MAP
 SCALE: NOT TO SCALE
 DATE: NOVEMBER, 2017
 SOURCE: ESRI
 SHEET: 1 OF 10

FOR PERMITTING PURPOSES ONLY

JMT
 Engineering A Brighter Future
 952 HOUSTON NORTHCUIT BLVD, SUITE 100
 MT. PLEASANT, SC 29464
 PHONE: (843) 556-2624 FAX: (843) 556-4329
 WWW.JMT.COM

APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
 REMOVAL

LOCATION: AIKEN COUNTY, SC

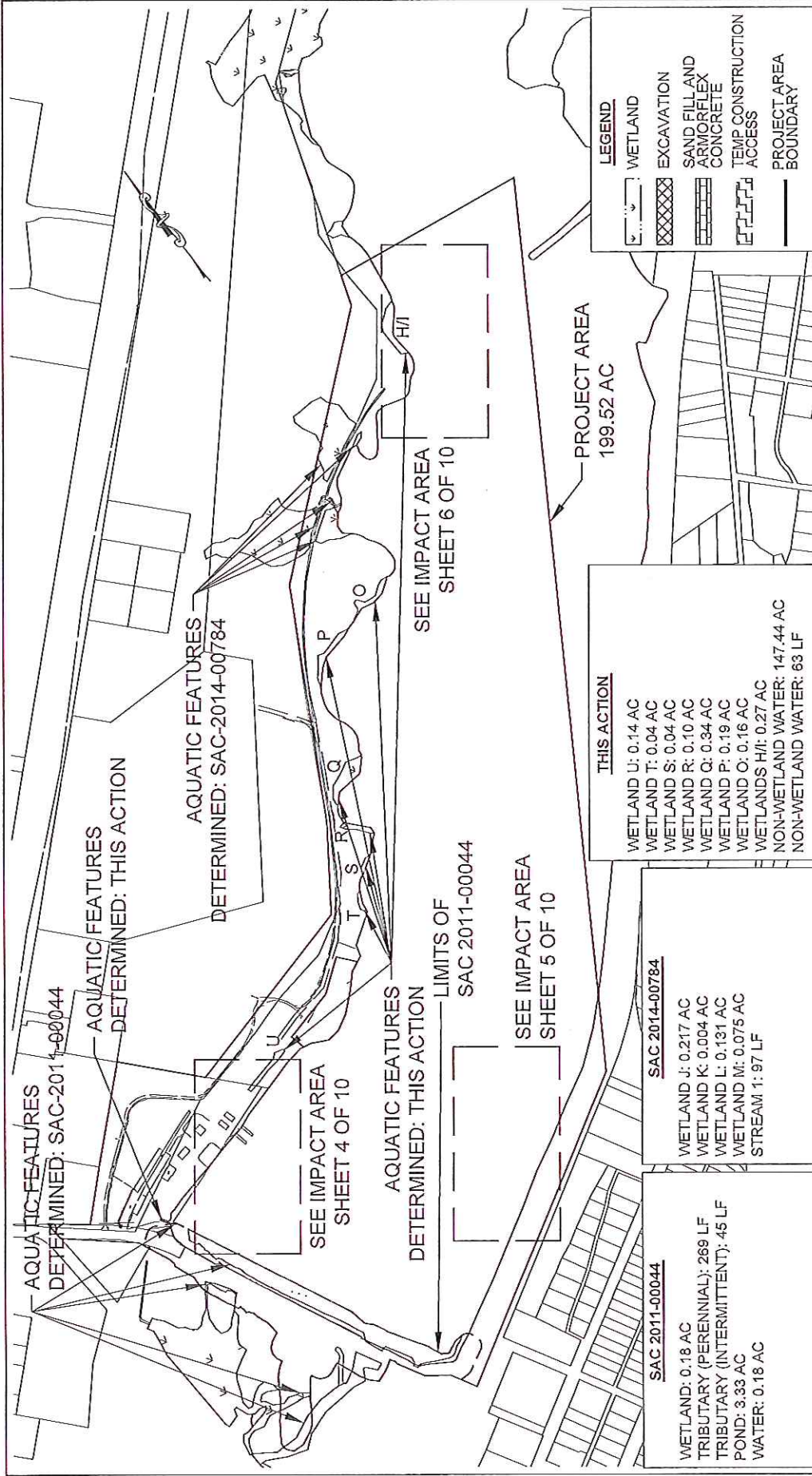


FIGURE: PROJECT AREA AND EXISTING CONDITIONS
SCALE: 1" = 750'

Langley Pond Sandbar Removal
 Aiken County, South Carolina
 Dated 12/19/2017
 Sheet # 3 of 11
 SAC-2017-01285

FOR PERMITTING PURPOSES ONLY

AQUATIC FEATURES DETERMINED: SAC-2011-00044

AQUATIC FEATURES DETERMINED: THIS ACTION

AQUATIC FEATURES DETERMINED: SAC-2014-00784

SEE IMPACT AREA SHEET 4 OF 10

AQUATIC FEATURES DETERMINED: THIS ACTION

LIMITS OF SAC 2011-00044

SEE IMPACT AREA SHEET 5 OF 10

SEE IMPACT AREA SHEET 6 OF 10

PROJECT AREA 199.52 AC

THIS ACTION
 WETLAND U: 0.14 AC
 WETLAND T: 0.04 AC
 WETLAND S: 0.04 AC
 WETLAND R: 0.10 AC
 WETLAND Q: 0.34 AC
 WETLAND P: 0.19 AC
 WETLAND O: 0.16 AC
 WETLANDS H/I: 0.27 AC
 NON-WETLAND WATER: 147.44 AC
 NON-WETLAND WATER: 63 LF

SAC 2014-00784
 WETLAND J: 0.217 AC
 WETLAND K: 0.004 AC
 WETLAND L: 0.131 AC
 WETLAND M: 0.075 AC
 STREAM 1: 97 LF

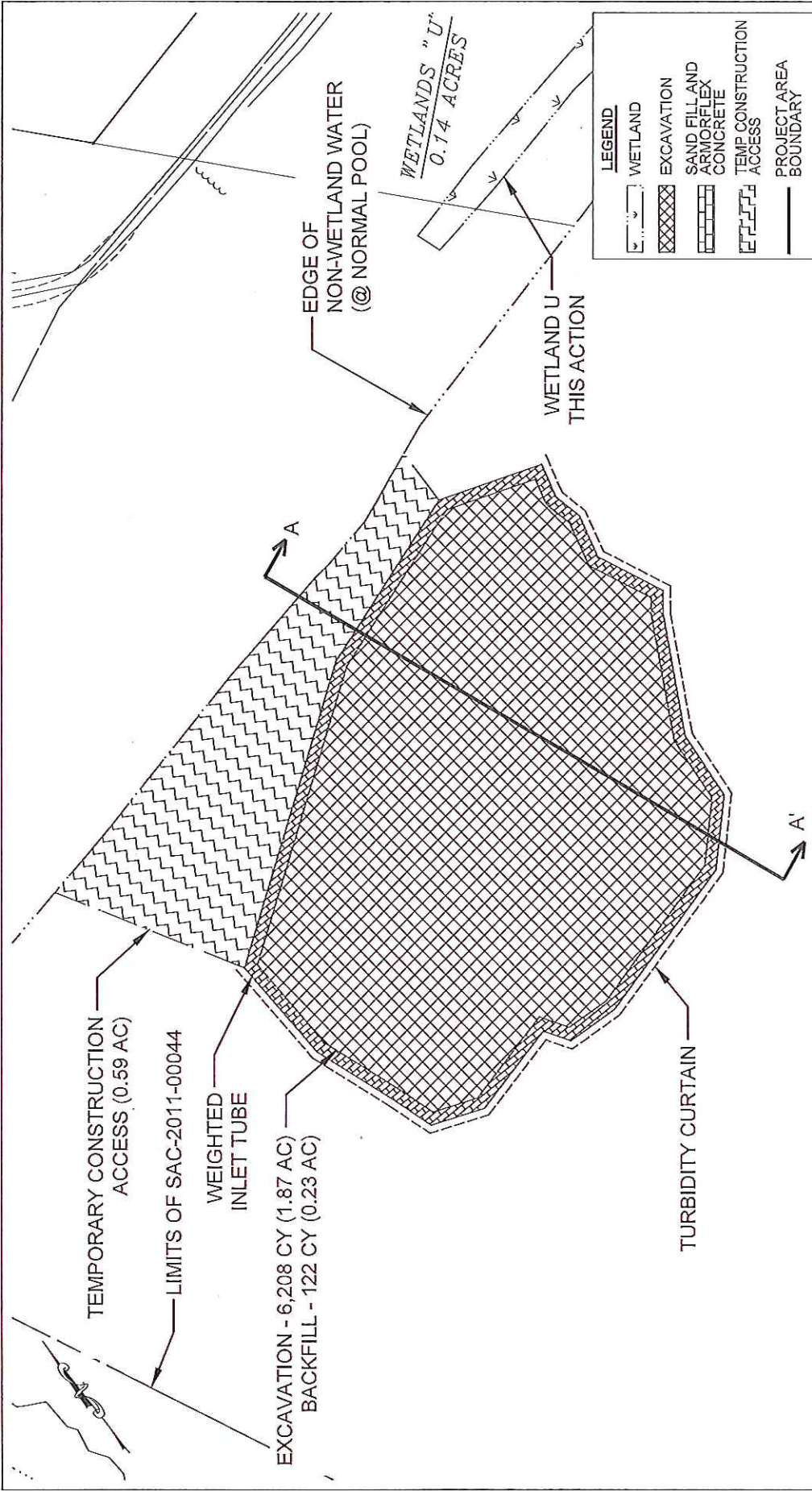
SAC 2011-00044
 WETLAND: 0.18 AC
 TRIBUTARY (PERENNIAL): 269 LF
 TRIBUTARY (INTERMITTENT): 45 LF
 POND: 3.33 AC
 WATER: 0.18 AC

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APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR REMOVAL

LOCATION: AIKEN COUNTY, SC



APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR REMOVAL

LOCATION: AIKEN COUNTY, SC

FIGURE: IMPACT AREA
SCALE: 1" = 100'

Langley Pond Sandbar Removal
 Aiken County, South Carolina
 Dated 12/19/2017
 Sheet # 4 of 11
 SAC-2017-01285

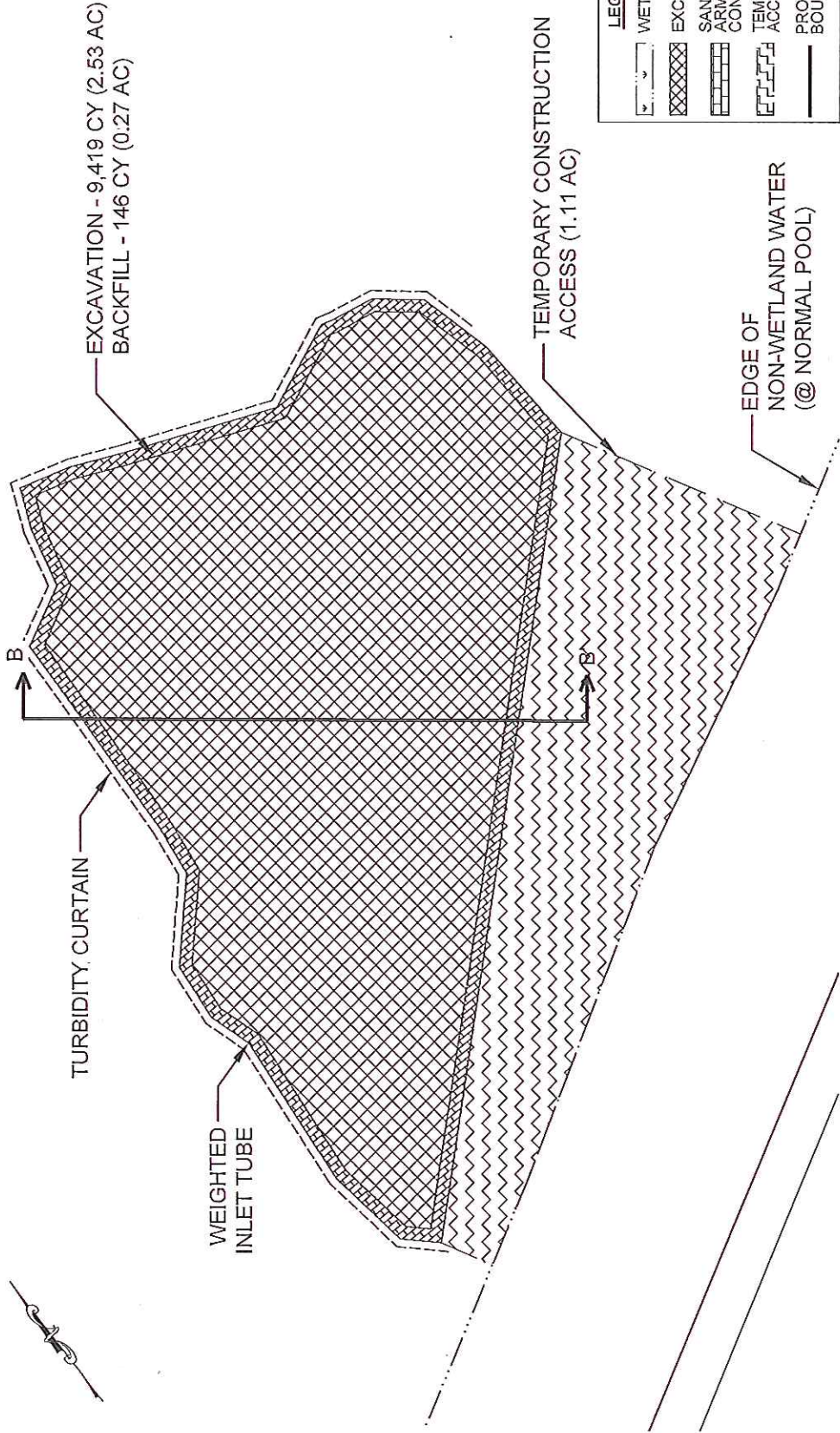
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APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR REMOVAL

LOCATION: AIKEN COUNTY, SC



EXCAVATION - 9,419 CY (2.53 AC)
 BACKFILL - 146 CY (0.27 AC)






TEMPORARY CONSTRUCTION
 ACCESS (1.11 AC)

EDGE OF
 NON-WETLAND WATER
 (@ NORMAL POOL)

TURBIDITY CURTAIN

WEIGHTED
 INLET TUBE

LEGEND

	WETLAND
	EXCAVATION
	SAND FILL-LAND ARMORED/ CONCRETE
	TEMP CONSTRUCTION ACCESS
	PROJECT AREA BOUNDARY

APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
 REMOVAL

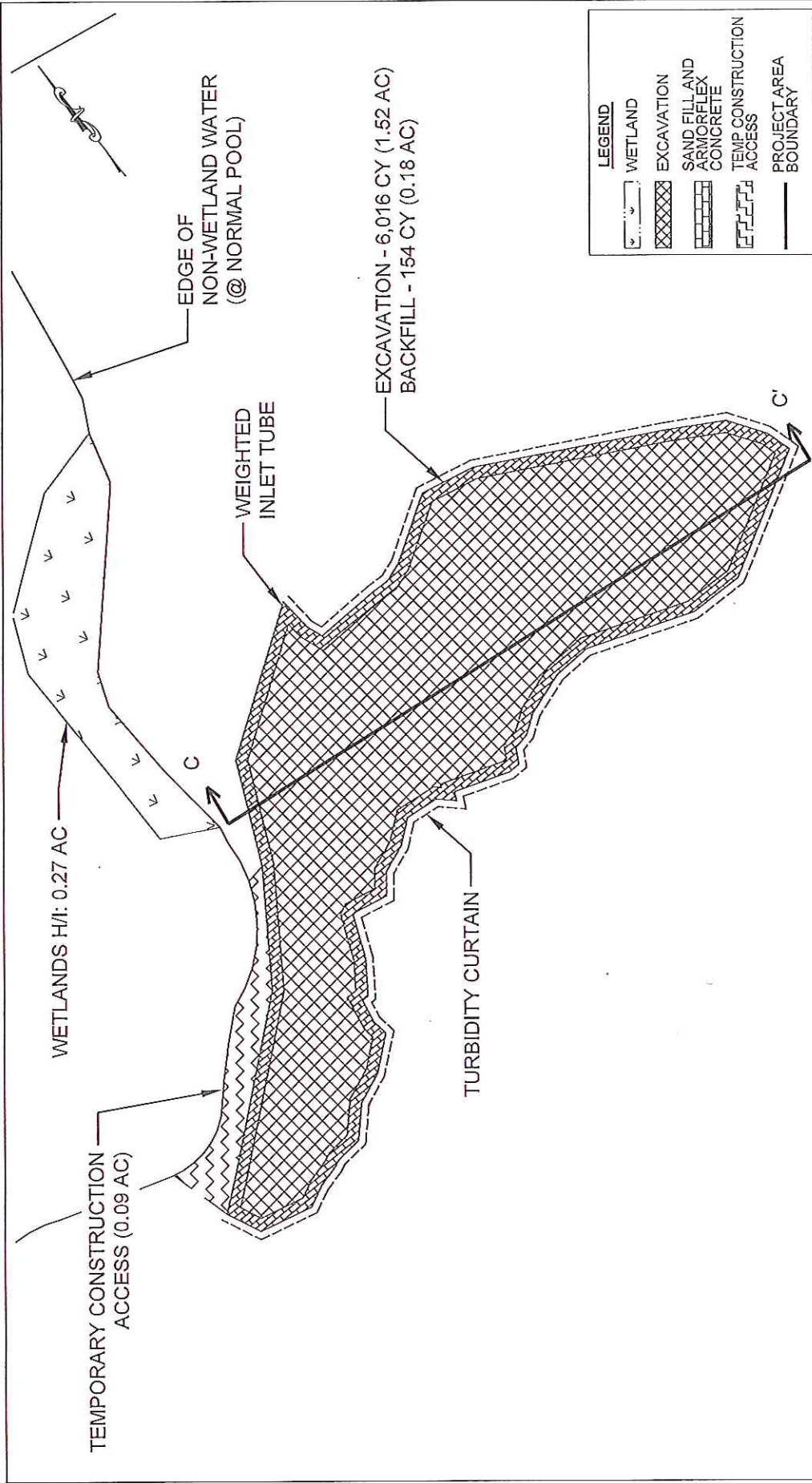
LOCATION: AIKEN COUNTY, SC

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FIGURE: IMPACT AREA
 SCALE: 1" = 100'
 DATE: NOVEMBER, 2017

FOR PERMITTING PURPOSES ONLY

Langley Pond Sandbar Removal
 Aiken County, South Carolina
 Dated 12/19/2017
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LEGEND	
	WETLAND
	EXCAVATION
	SAND FILL AND ARMORFLEX CONCRETE
	TEMP CONSTRUCTION ACCESS
	PROJECT AREA BOUNDARY

FIGURE: IMPACT AREA
SCALE: 1" = 100'

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APPLICANT:
AIKEN COUNTY
1930 UNIVERSITY PARKWAY, SUITE 3300
AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
REMOVAL

LOCATION: AIKEN COUNTY, SC

Langley Pond Sandbar Removal
Aiken County, South Carolina
Dated 12/19/2017
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SECTION A-A'

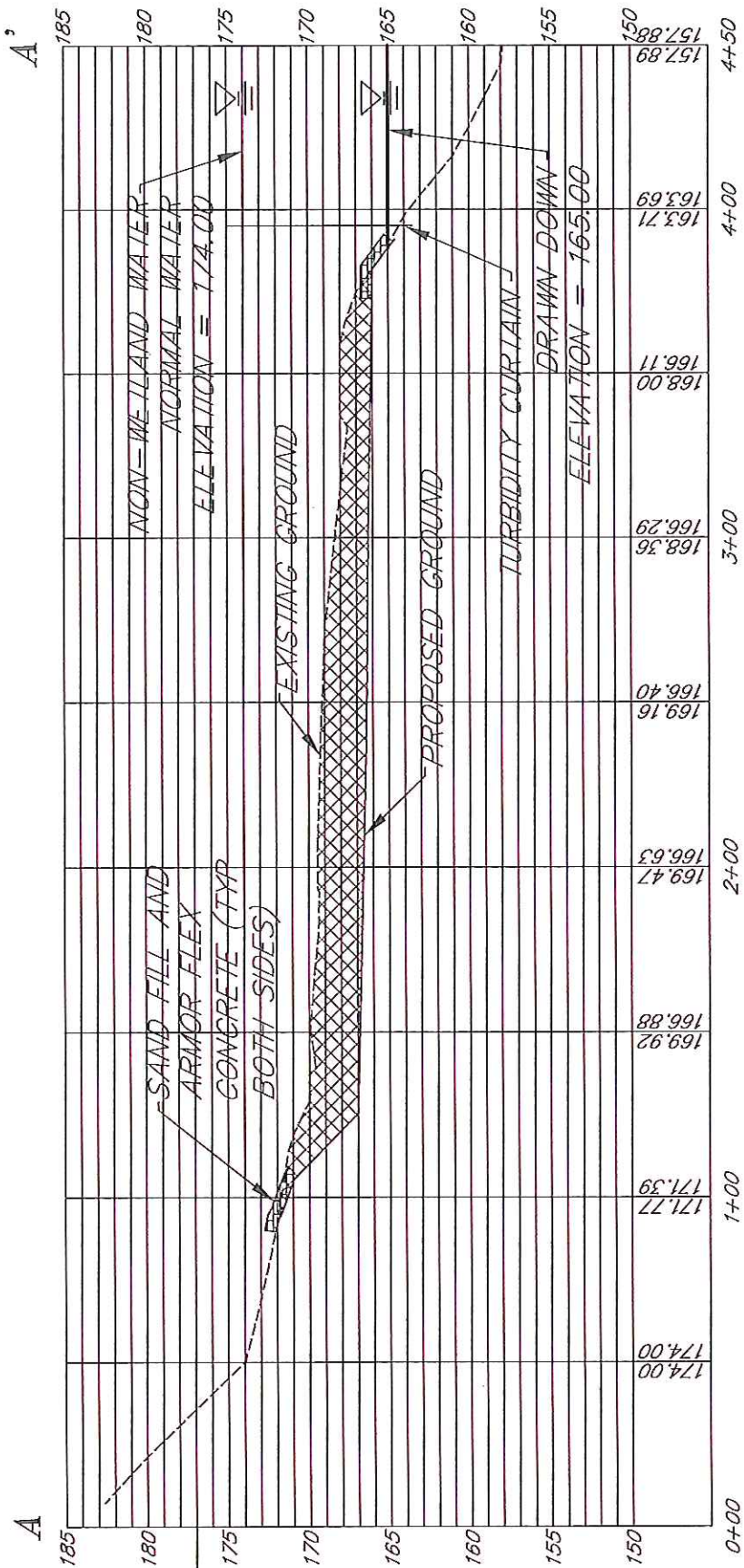


FIGURE: SECTION A-A'
SCALE: NOT TO SCALE

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APPLICANT:
 AIKEN COUNTY
 1930 UNIVERSITY PARKWAY, SUITE 3300
 AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
 REMOVAL

LOCATION: AIKEN COUNTY, SC

Langley Pond Sandbar Removal
 Aiken County, South Carolina
 Dated 12/19/2017
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SECTION B-B'

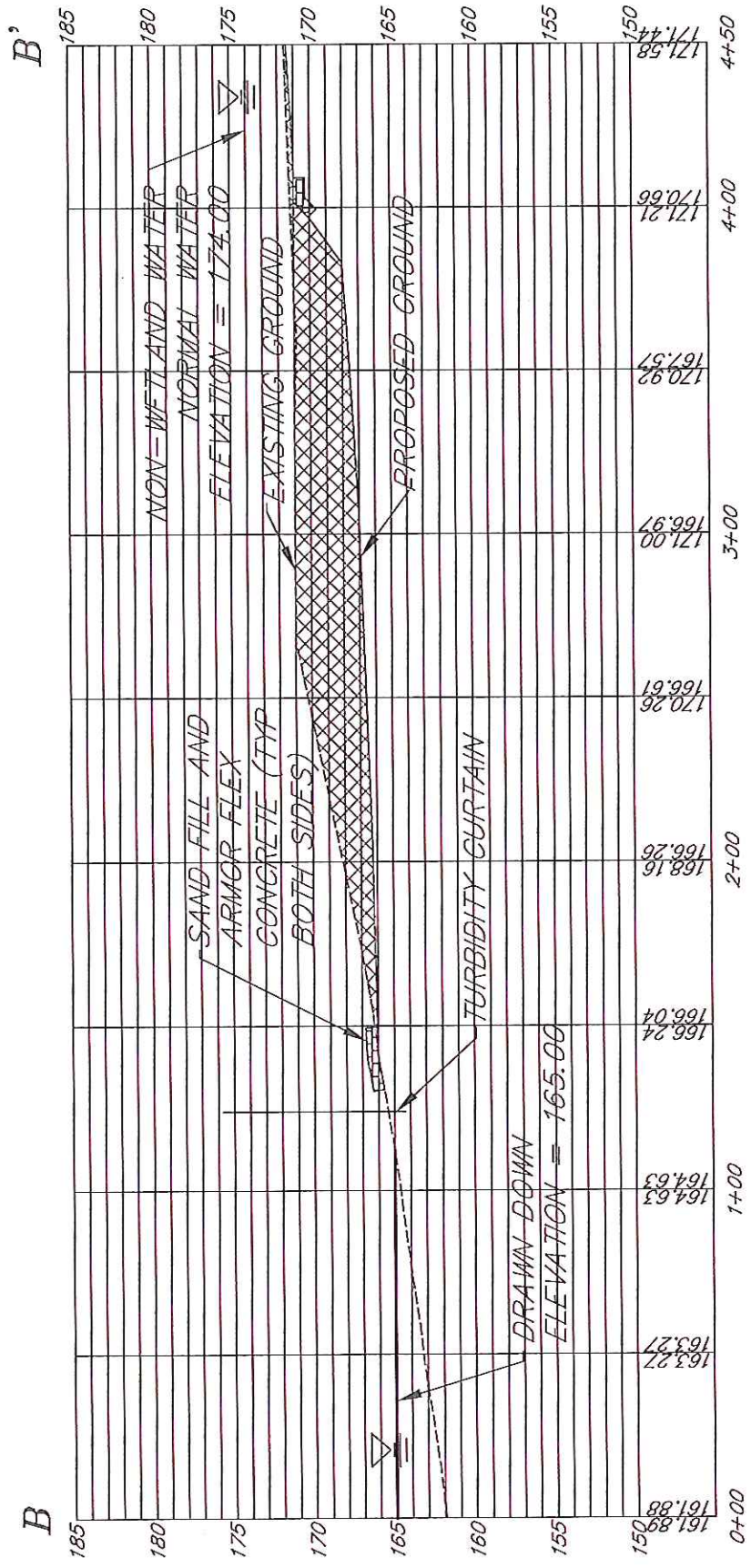


FIGURE: SECTION B-B'
SCALE: NOT TO SCALE

Langley Pond Sandbar Removal
Aiken County, South Carolina
Dated 12/19/2017
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WWW.JMT.COM

APPLICANT:
AIKEN COUNTY
1930 UNIVERSITY PARKWAY, SUITE 3300
AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
REMOVAL

LOCATION: AIKEN COUNTY, SC

SECTION C-C'

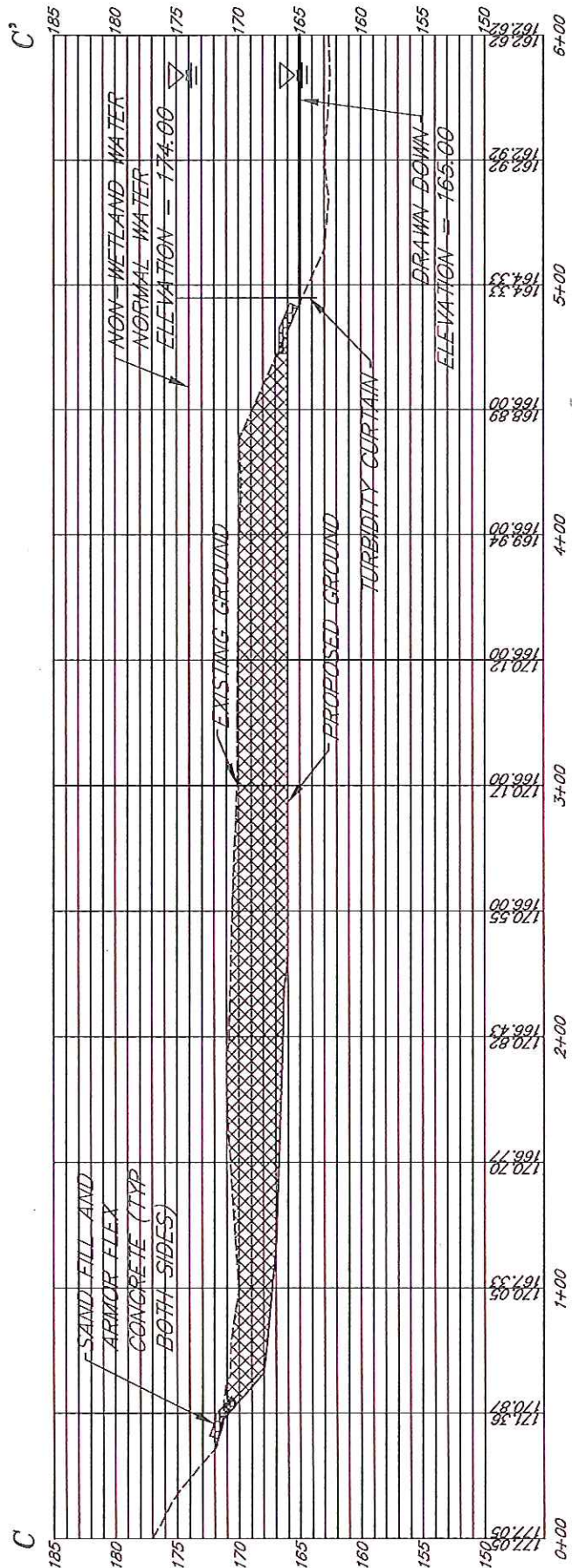


FIGURE: SECTION C-C'
SCALE: NOT TO SCALE

FOR PERMITTING PURPOSES ONLY

Langley Pond Sandbar Removal
Aiken County, South Carolina
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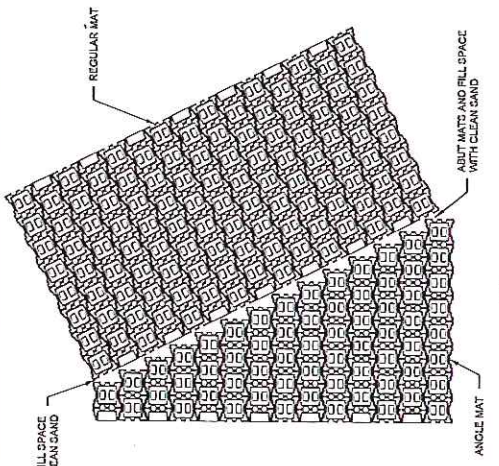


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APPLICANT:
AIKEN COUNTY
1930 UNIVERSITY PARKWAY, SUITE 3300
AIKEN, SC 29801

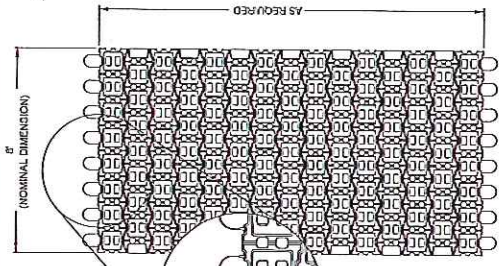
PROJECT: LANGLEY POND SANDBAR
REMOVAL

LOCATION: AIKEN COUNTY, SC

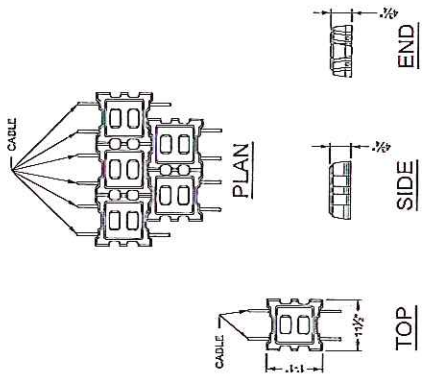


NOTE: MATS SHALL BE CONSTRUCTED BY OMITTING THE REQUIRED UNITS SO THE REQUIRED MAT DIMENSIONS CAN BE OBTAINED.

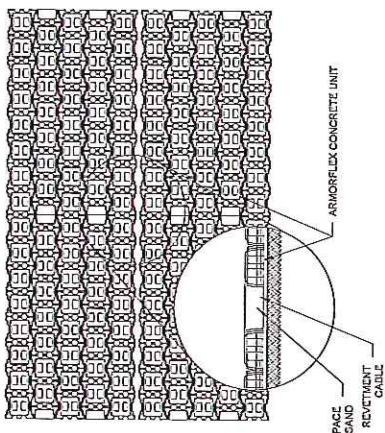
TYP. ANGLE MAT 3
NOT TO SCALE



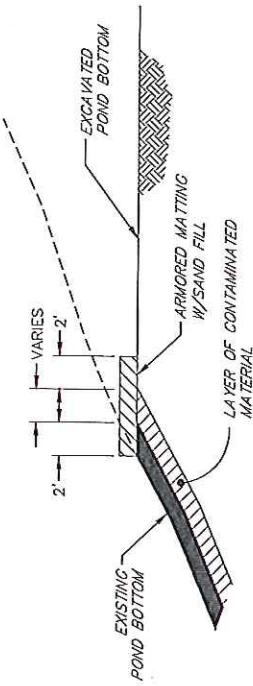
TYP. 30S MAT 2
NOT TO SCALE



TYP. 30S BLOCK 1
NOT TO SCALE



TYP. MAT TO MAT 4
NOT TO SCALE



TYP. MAT PLACEMENT 1
NOT TO SCALE

FIGURE: DETAILS
SCALE: NOT TO SCALE

Langley Pond Sandbar Removal
Aiken County, South Carolina
Dated 12/19/2017
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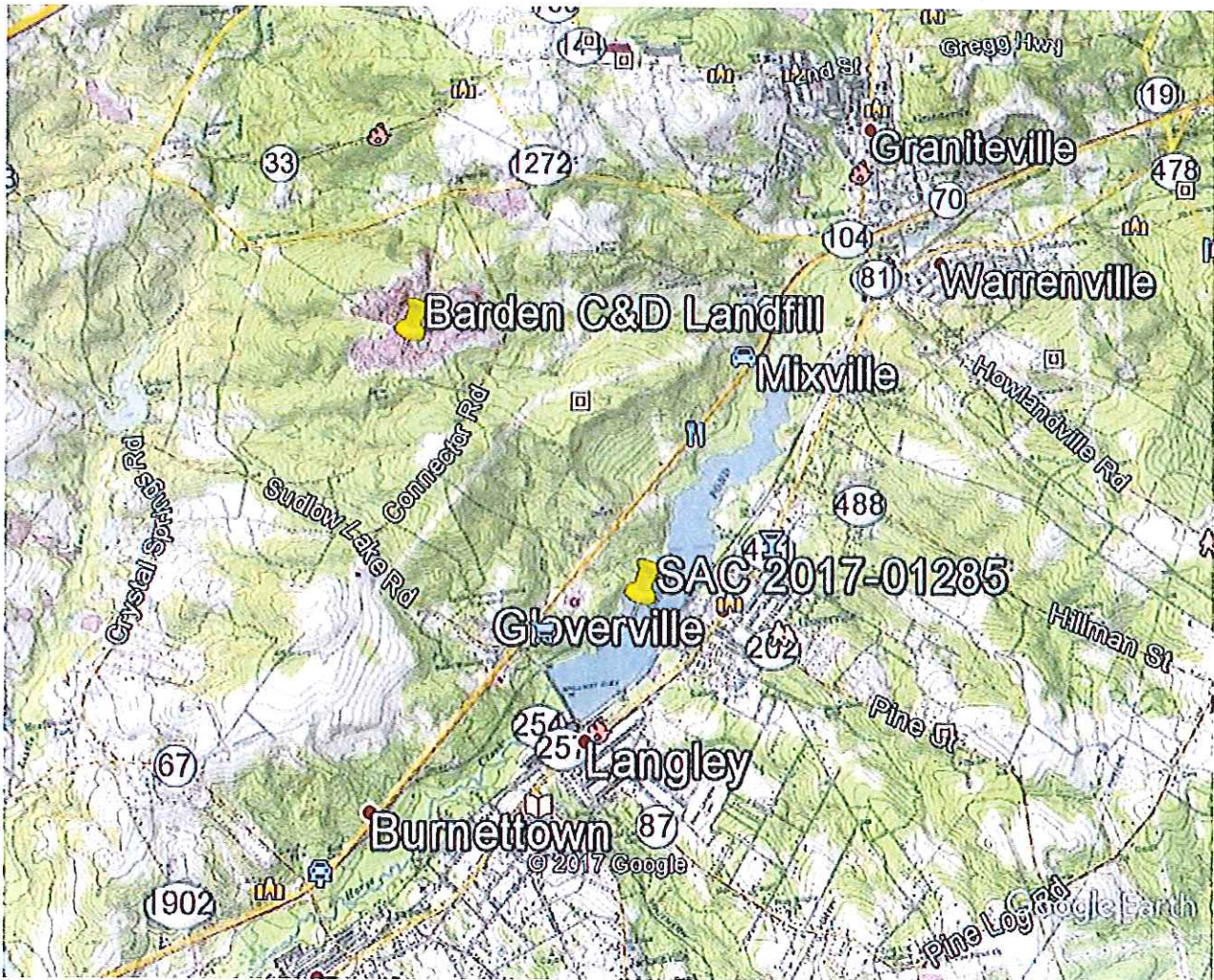
Engineering A Brighter Future
952 HOUSTON NORTHCHURCH BLVD, SUITE 100
MT. PLEASANT, SC 29464
PHONE: (843) 556-2624 FAX: (843) 556-4329
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APPLICANT:
AIKEN COUNTY
1930 UNIVERSITY PARKWAY, SUITE 3300
AIKEN, SC 29801

PROJECT: LANGLEY POND SANDBAR
REMOVAL

LOCATION: AIKEN COUNTY, SC

Barden C&D Landfill Map



Langley Pond Sandbar Removal
Aiken County, South Carolina
Dated 12/19/2017
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