

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, SC 29403-5107**  
**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-2017-01786

20 November 2017

Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**Mr. Eric Larson**  
**Beaufort County**  
**c/o Jeffrey Williams**  
**Sligh Environmental Consultants, Inc.**  
**31 Park of Commerce Way, Suite 200B**

for a permit to place fill in a non-tidal tributary of the

**Okatie River**

On Hwy 170 in Bluffton, Beaufort County, South Carolina (Latitude: 32.278032 °N, Longitude: - 80.940369 °W), (**Jasper Quad**).

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 discharge of fill material into 0.035 acres of a perennial tributary (approximately 20 linear feet) for the construction of a weir, intake and outfall pipe, and riprap. In detail, the proposed project involves the discharge of 13 cubic yards of material into 0.02

acre of tributary for the construction of a low water weir, excavation of 27 cubic yards of material from 0.015 acres of tributary, the placement of 27 cubic riprap into 0.015 acres of tributary and the installation of an intake and outfall pipe. The project also involves the construction of a stormwater treatment pond in uplands. The proposed project will divert water flow from the tributary into the upland excavated stormwater treatment pond via the intake pipe and will return the treated water into the tributary downstream of the weir via the outfall pipe where it will continue to flow to the Okatie River. The purpose of the proposed project is to improve water quality generated from stormwater within the 1,170 Okatie West sub-basin.

Please note that the applicant has submitted a Pre-Construction Notification (PCN) for Nationwide Permit #14 (SAC-2017-01671) for the construction of two (2) road crossings to access the portion of the property where the stormwater pond will be constructed. The road crossings are shown on the proposed project drawings and referenced as SAC-2017-01671). The road crossings are not included with the proposed project because the applicant would need the road crossings to access the property even if the stormwater pond and proposed project would not to occur.

According to the application, the Okatie River is classified as an Outstanding Resource Water and as a shellfish harvesting waters. Since 1995, the upper reaches of the river are restricted from shellfish harvesting due to fecal coliform and bacteria contamination. South Carolina Department of Health and Environmental Control (DHEC) initiated a fecal coliform TMDL for the watershed in 2010 which mandates reductions in bacteria loads as high as 51% in the headwaters portions of the watershed. The applicant, Beaufort County, has been working diligently to improve water quality within the Okatie River. The "Okatie River Watershed Management Plan" was completed in April of 2015 and was developed with the ultimate goal to improve water quality such that the shellfish beds within the watershed can be reopened for harvesting. The proposed project is specifically targeted to improve the water quality generated from stormwater within the 1,170-acre Okatie West sub-basin located upstream of the SCDHEC monitoring station 18-08 and is considered to be the headwaters tributary of this sub-basin. The 1,170-acre service area of the proposed project contains mixed land use that includes single family residential (Sun City – Del Webb). Small commercial, medical, institutional, and SC Highway 170. The proposed plan includes the construction of the pond in uplands at the northeast portion of the project limits. Received stormwater will be diverted into the pond via the tributary for treatment prior to discharging back into the downstream portion of the tributary. Results from a conceptual modeling analysis estimate a 20% reduction in peak flow rate, a 6% reduction in runoff volume, and a 16% reduction in bacteria loads entering the Okatie River from this sub-watershed.

As stated in the application, the applicant is proposing no compensatory mitigation as the impacts are less than 0.1 acre and the proposed project will beneficial to water quality of the Okatie River.

**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. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). 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 0.035 acres of non-tidal tributary upstream 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.

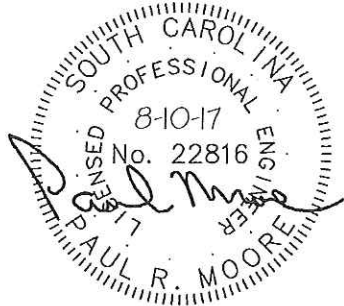
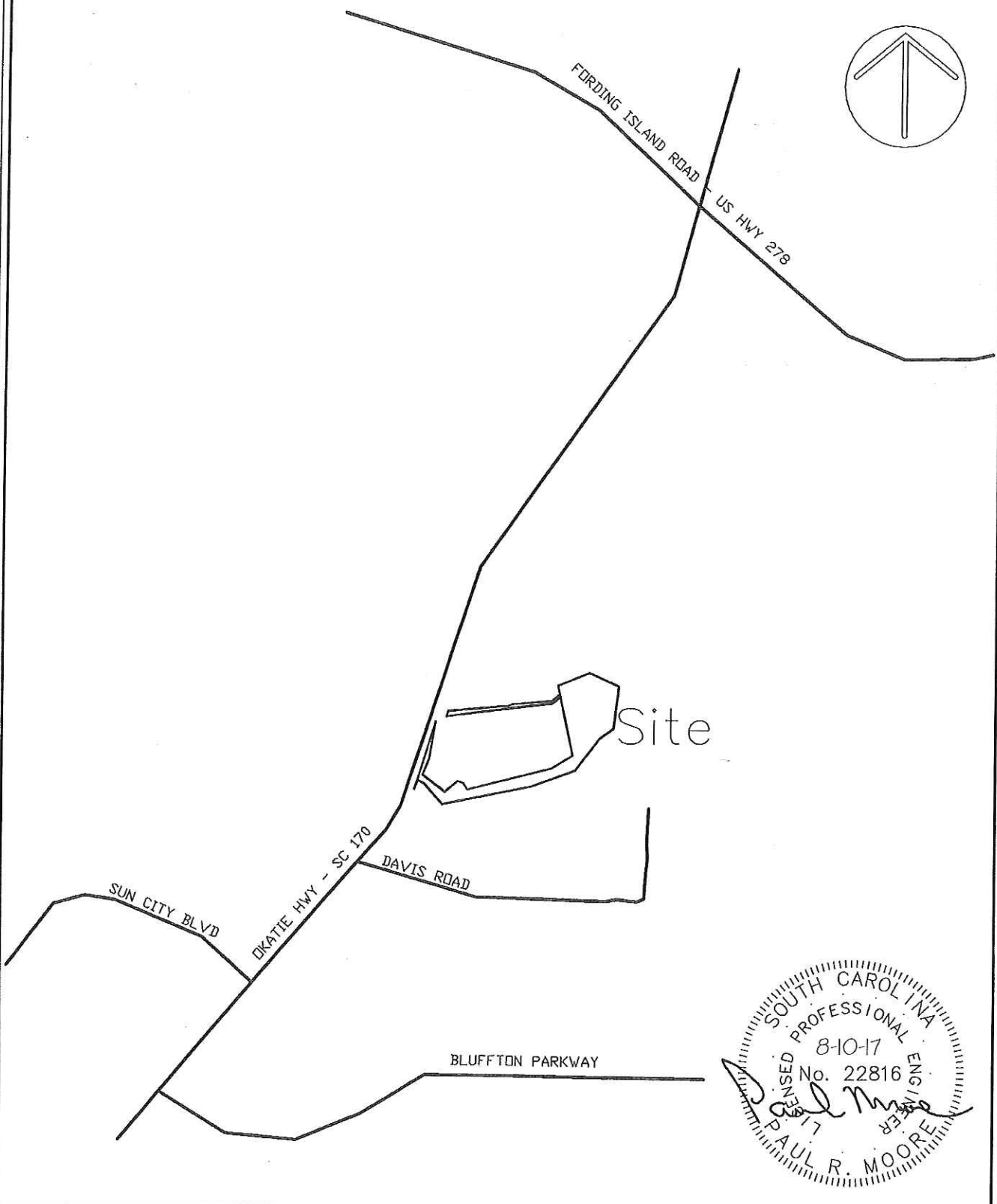
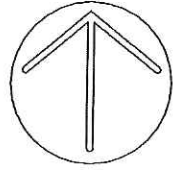
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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**

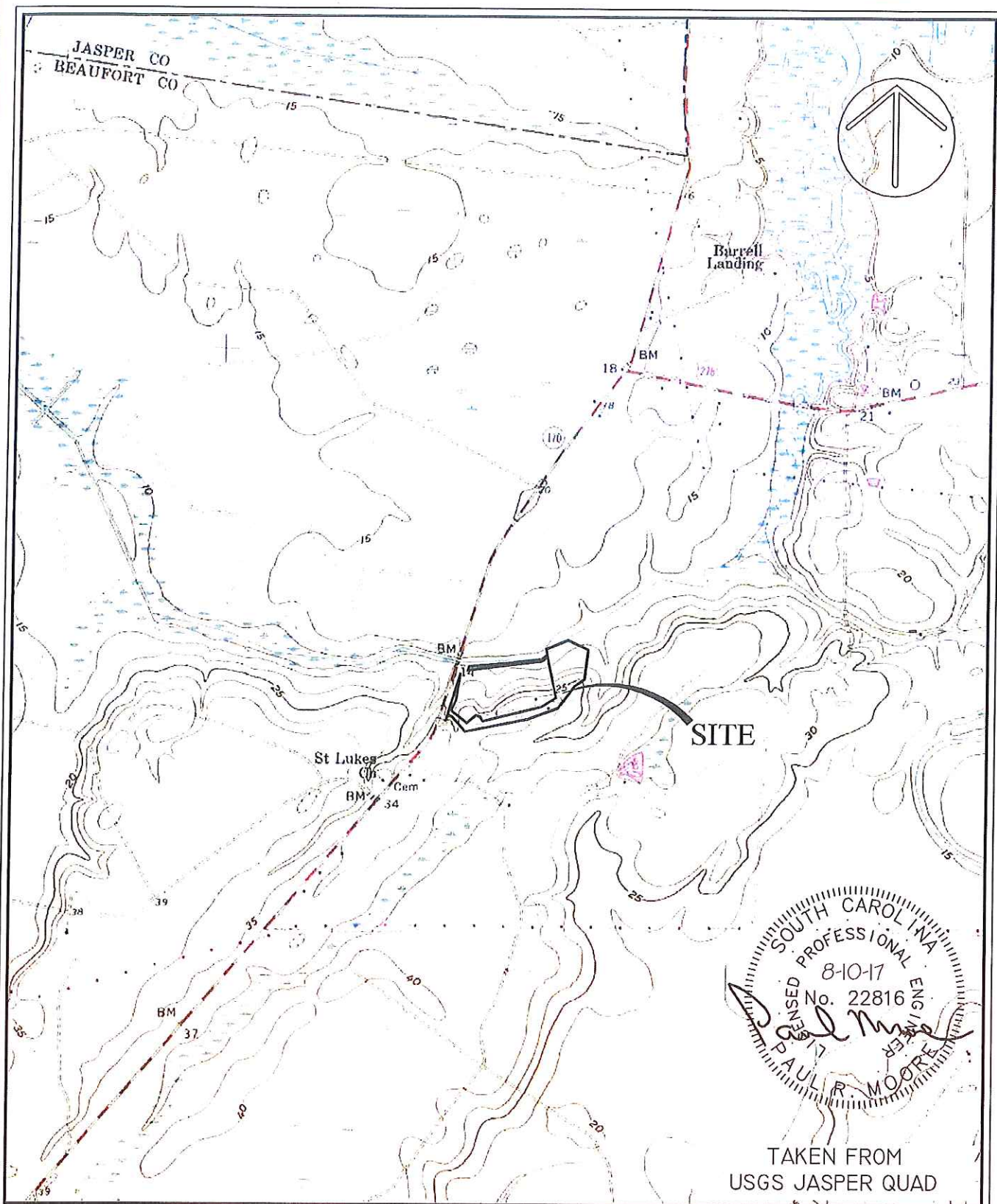
If there are any questions concerning this public notice, please contact Tracy Sanders, at 843-329-8044 or toll free at 1-866-329-8187.



P.O. BOX 381  
BLUFFTON, SC 29910  
PH (843) 837-5250  
FAX (843) 837-2558  
WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
STORMWATER BMP  
**VICINITY MAP**  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED: NONE  
SCALE: NONE  
PROJ. # 090099B  
SHEET 1 OF 8



SOUTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
8-10-17  
No. 22816  
*Paul Moore*  
PAUL R. MOORE

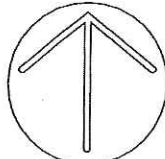
TAKEN FROM  
USGS JASPER QUAD



P.O. BOX 381  
BLUFFTON, SC 29910  
PH (843) 837-5250  
FAX (843) 837-2558  
WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
STORMWATER BMP  
**USGS MAP**  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED:  
SCALE: 1"=2000'  
PROJ. # 090099B  
SHEET 2 OF 8



SEE SHEET 4

WETLAND C  
3.619 AC

WETLAND B  
0.162 AC

SEE SHEET 4

WETLAND D  
0.235 AC

SEE SHEET 4

SC HWY 170 66'R/W

PROJECT LIMITS

WETLAND A  
0.125 AC

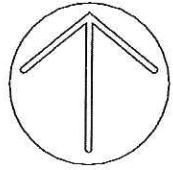
WETLANDS BASED ON  
"WETLAND DELINEATION SURVEY OF  
OKATIE WEST REGIONAL STORMWATER BMP"  
BY GRAY SURVEYING, INC., DATED 2-14-17



P.O. BOX 381  
BLUFFTON, SC 29910  
PH (843) 837-5250  
FAX (843) 837-2558  
WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
STORMWATER BMP  
**EXISTING SITE CONDITIONS**  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED:  
SCALE: 1"=400'  
PROJ. # 090099B  
SHEET 3 OF 8



PROJECT LIMITS

EXISTING WETLAND C  
3.619 AC

EXISTING WETLAND C  
3.619 AC

EXISTING WETLAND A  
0.125 AC

PROJECT LIMITS

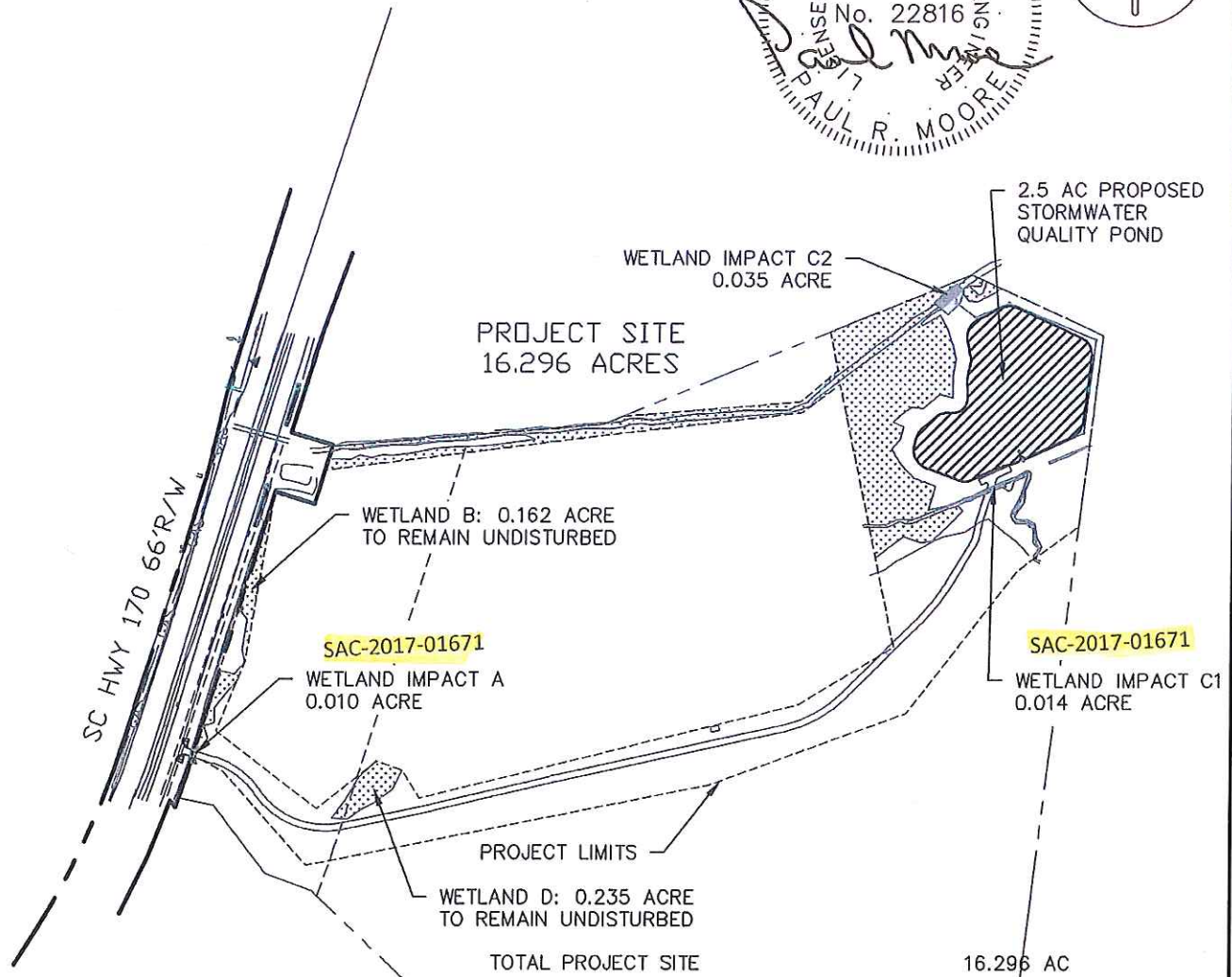
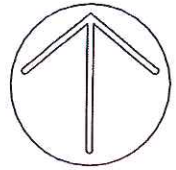


P.O. BOX 381  
BLUFFTON, SC 29910  
PH (843) 837-5250  
FAX (843) 837-2558  
WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
STORMWATER BMP  
EXISTING SITE CONDITIONS  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED:  
SCALE: 1"=80'  
PROJ. # 090099B  
SHEET 4 OF 8

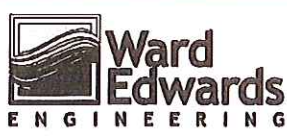




SAC-2017-01671

SAC-2017-01671

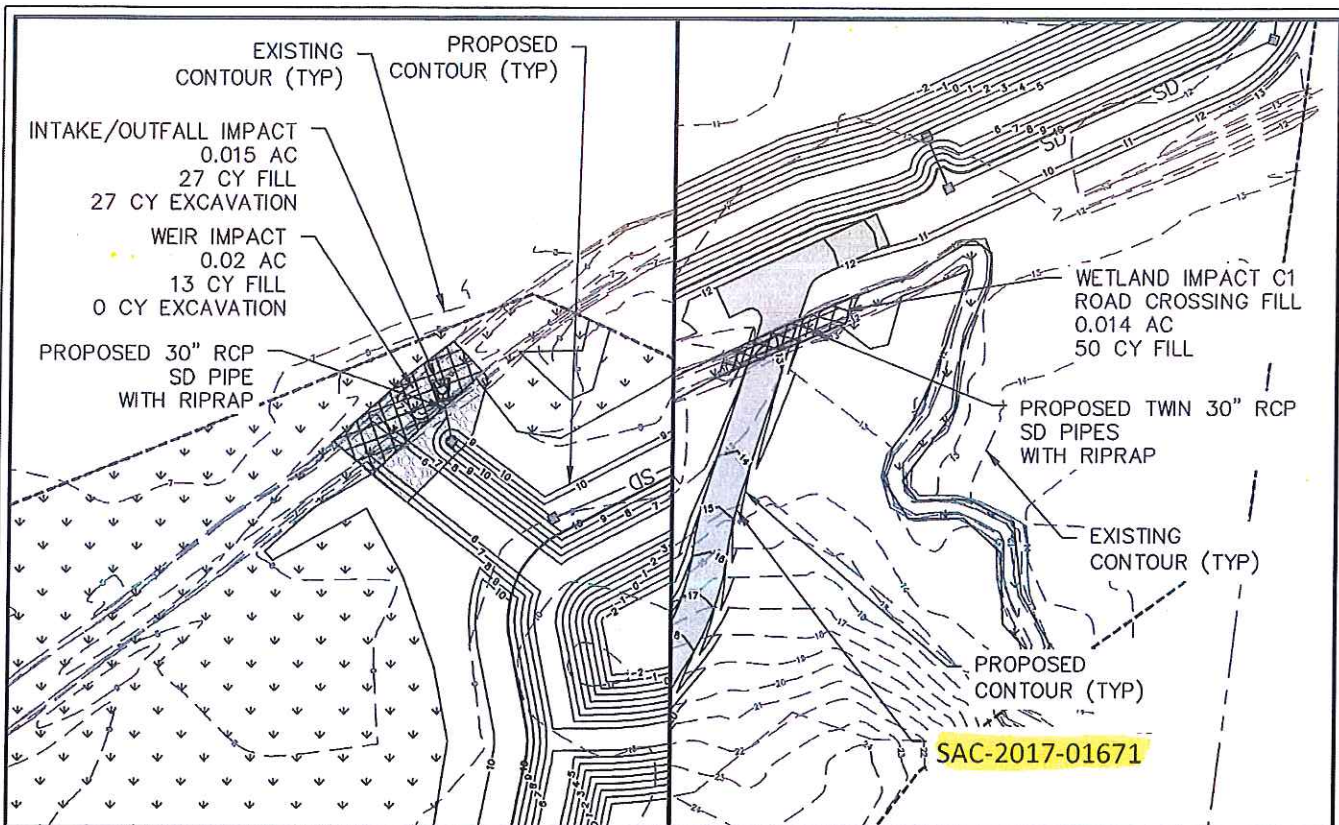
TOTAL PROJECT SITE	16.296 AC	
ROAD IMPACTS (NWP#14): SAC-2017-01671		
WETLAND A	0.010 AC	27 CY
WETLAND C1	0.014 AC	50 CY
TOTAL:		77 CY
INTAKE/OUTFALL IMPACTS	0.015 AC	
WETLAND C2 PIPE EXCAVATION		7 CY
WETLAND C2 RIPRAP EXCAVATION		20 CY
WETLAND C2 RIPRAP FILL		20 CY
WETLAND C2 PIPE FILL		7 CY
WEIR CONSTRUCTION	0.020 AC	
EXCAVATION		0 CY
FILL		13 CY
<b>TOTAL WETLANDS:</b>	<b>4.141 AC</b>	



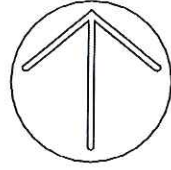
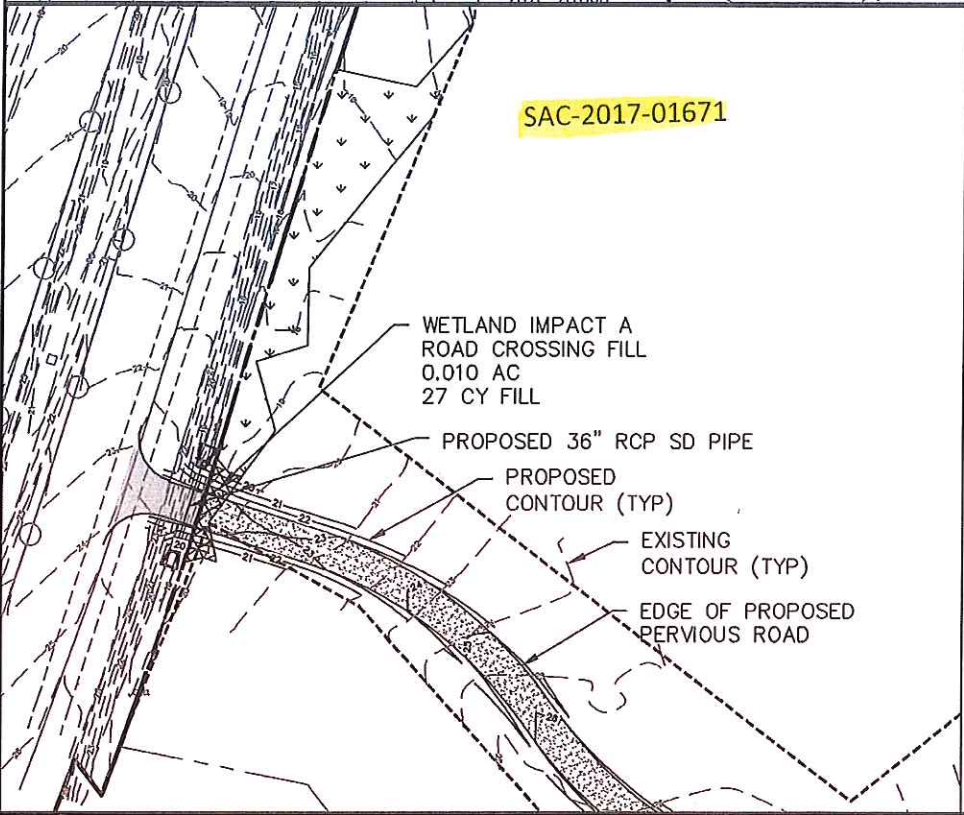
P.O. BOX 381  
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 PH (843) 837-5250  
 FAX (843) 837-2558  
 WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
 STORMWATER BMP  
**PROPOSED WETLAND IMPACTS**  
 BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
 REVISED:  
 SCALE: 1"=400'  
 PROJ. # 090099B  
 SHEET 5 OF 8



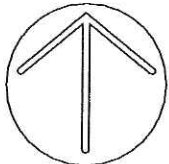
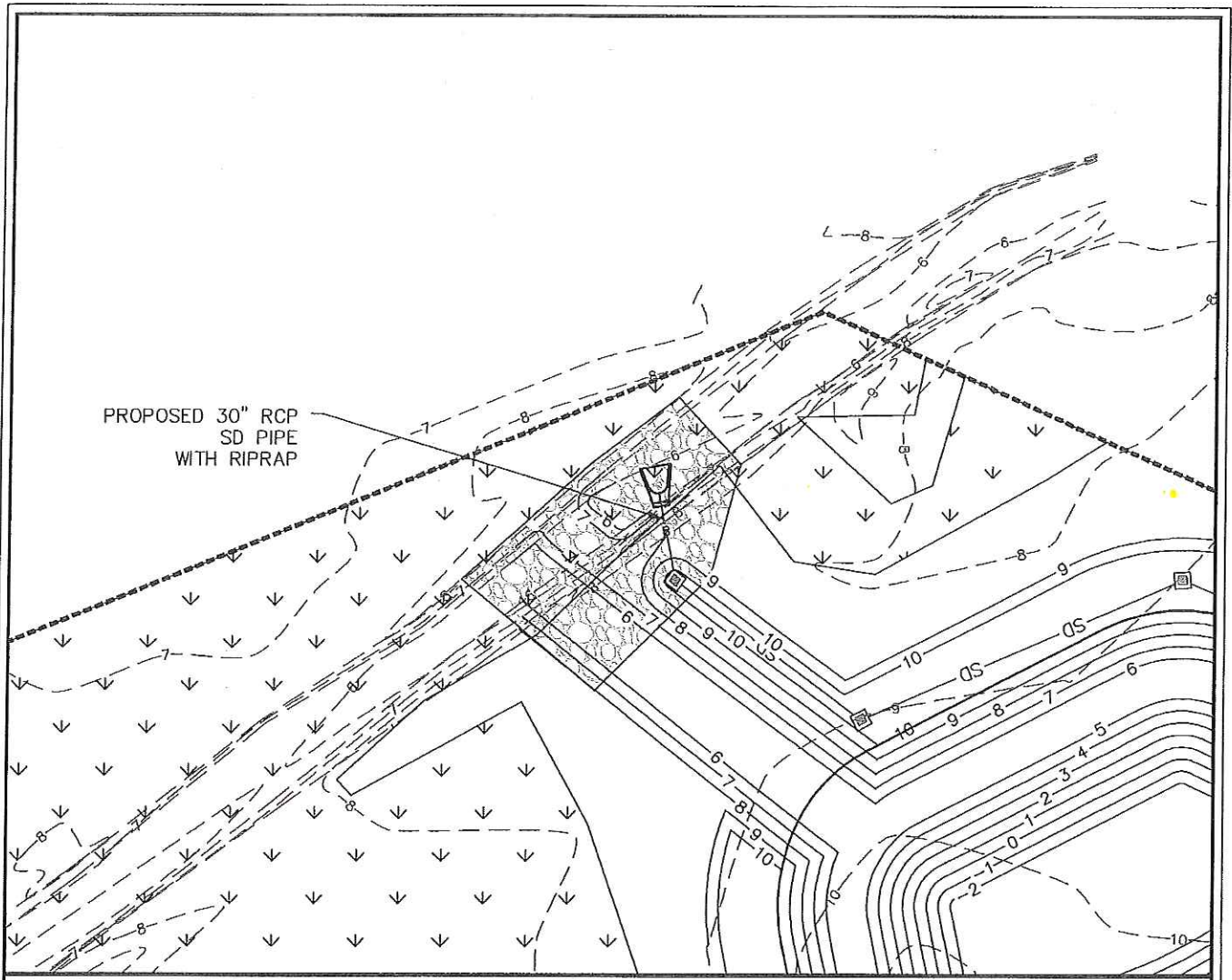
SAC-2017-01671



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 BLUFFTON, SC 29910  
 PH (843) 837-5250  
 FAX (843) 837-2558  
 WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
 STORMWATER BMP  
 IMPACTS  
 BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
 REVISED:  
 SCALE: 1"=80'  
 PROJ. # 090099B  
 SHEET 6 OF 8



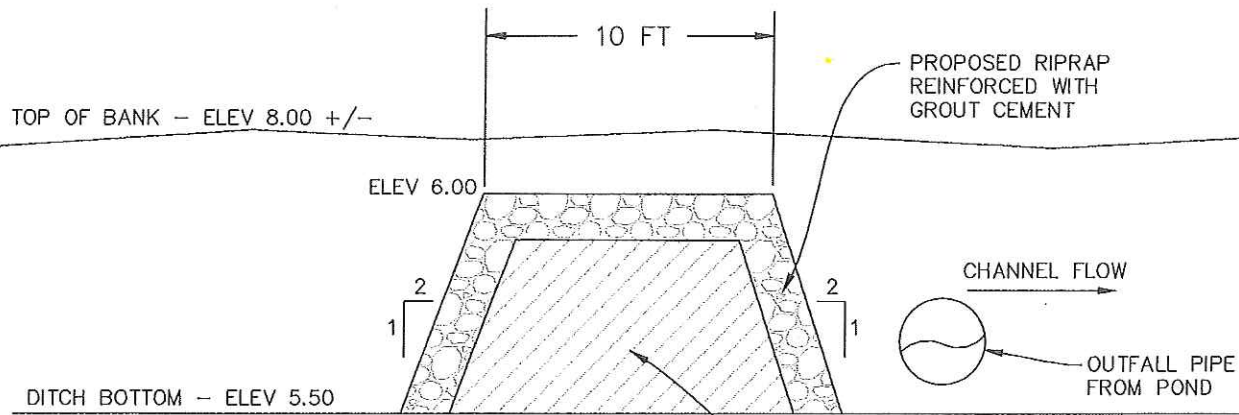
SOUTH CAROLINA  
PROFESSIONAL ENGINEER  
8-10-17  
LICENSED No. 22816  
*Paul Moore*  
PAUL R. MOORE



P.O. BOX 381  
BLUFFTON, SC 29910  
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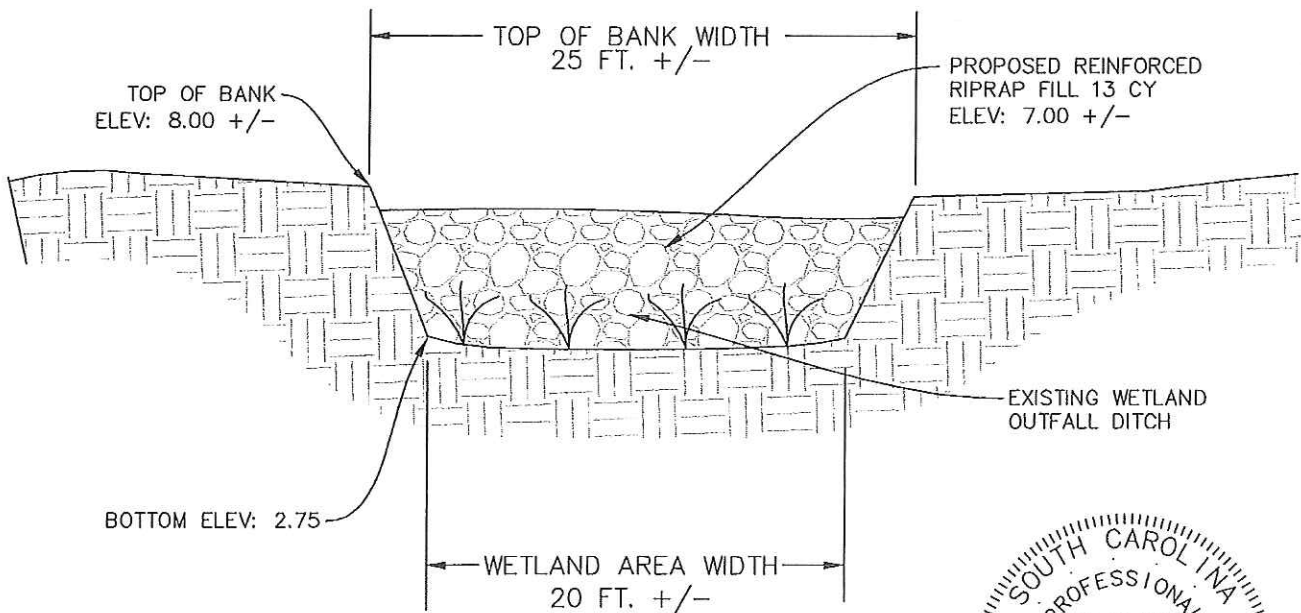
OKATIE WEST REGIONAL  
STORMWATER BMP  
POND OUTFALL  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED:  
SCALE: 1"=40'  
PROJ. # 090099B  
SHEET 7 OF 8



PROFILE VIEW

COMPACTED FILL & RIPRAP  
13 CY



CROSS SECTION VIEW



P.O. BOX 381  
BLUFFTON, SC 29910  
PH (843) 837-5250  
FAX (843) 837-2558  
WWW.WARDEDWARDS.COM

OKATIE WEST REGIONAL  
STORMWATER BMP  
**OUTFALL DETAIL**  
BEAUFORT COUNTY, SOUTH CAROLINA

DATE: 08-10-17  
REVISED:  
SCALE: NONE  
PROJ. # 090099B

SHEET 8 OF 8



NO.	DESCRIPTION	DATE
1	REVISION	
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	

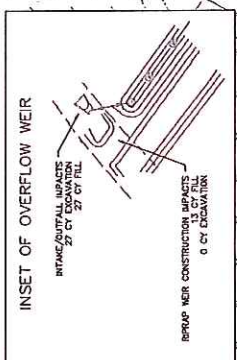
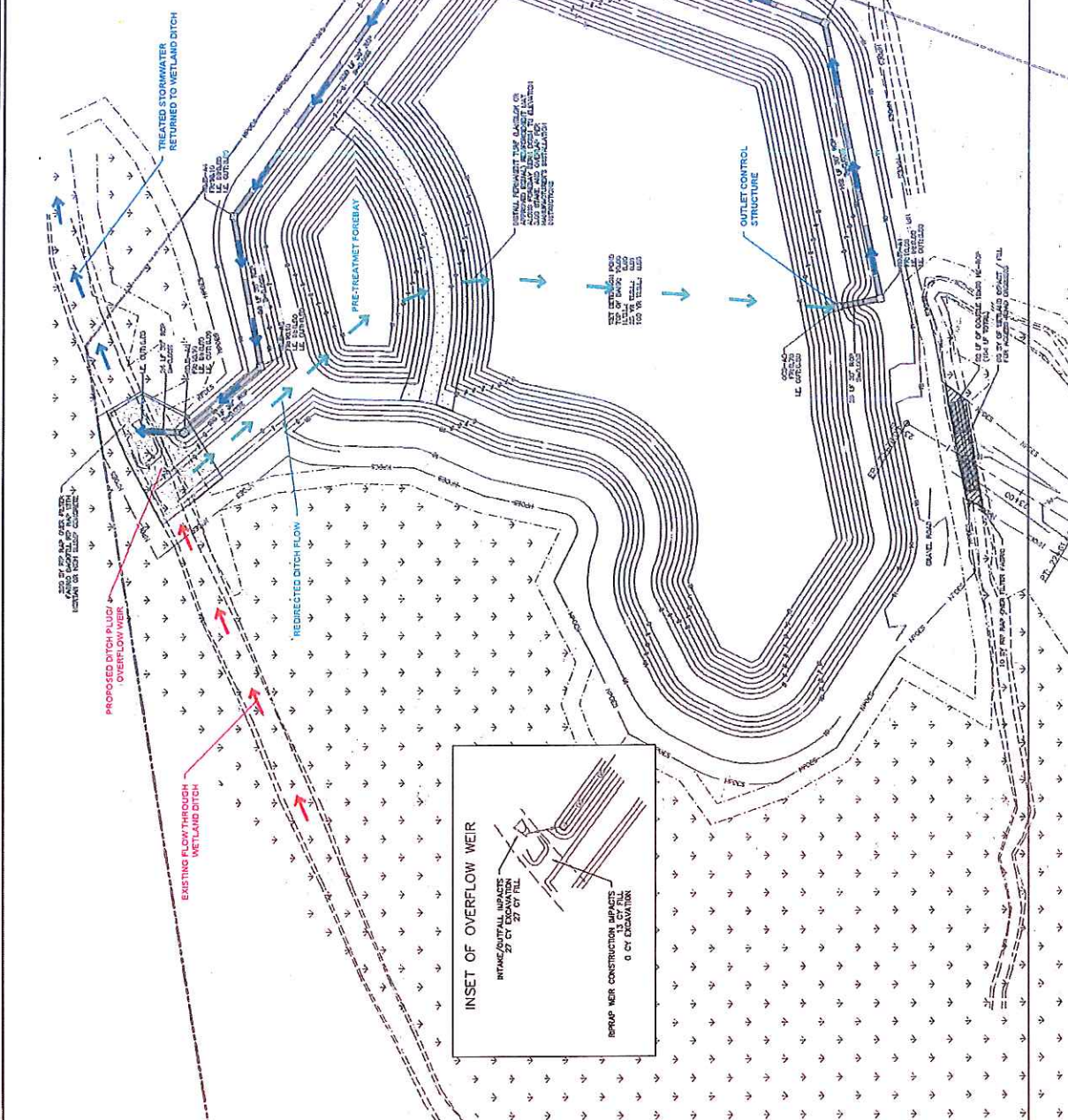
**Edward** **H. Edwards**  
 ENGINEERING  
 P.O. BOX 281, SUITE 207, SOUTH CAROLINA 29110  
 815 W. 37th Street, Suite 207, South Carolina 29110  
 WWW.EDWARDS-ENGINEERING.COM

**OKATIE WEST REGIONAL STORMWATER BMP**  
 BEAUFORT COUNTY, SOUTH CAROLINA  
 CITY OF BEAUFORT, SOUTH CAROLINA  
 DRAINAGE FLOW EXHIBIT

NO.	DESCRIPTION
1	REVISION
2	REVISION
3	REVISION
4	REVISION
5	REVISION
6	REVISION
7	REVISION

**DRG. EX**  
 SHEET

TOTAL PROJECT SITE	18,330 AC
ROAD IMPACT	0.000 AC
TOTAL	18,330 AC
WATER TREATMENT	18,330 AC
WATER STORAGE	18,330 AC
WATER INFILTRATION	18,330 AC
WATER DIVERSION	18,330 AC
WATER TREATMENT	18,330 AC
WATER STORAGE	18,330 AC
WATER INFILTRATION	18,330 AC
WATER DIVERSION	18,330 AC



NO.	DESCRIPTION	DATE
1	REVISION	
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	

SCALE: AS SHOWN / 1" = 400'

DATE: 10/15/2013

PROJECT: OKATIE WEST REGIONAL STORMWATER BMP

CITY OF BEAUFORT, SOUTH CAROLINA

BEAUFORT COUNTY, SOUTH CAROLINA

DRAINAGE FLOW EXHIBIT

18,330 AC