JOINT PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT 1362 McMillan Avenue, Suite 400 Charleston, South Carolina 29405

REGULATORY DIVISION Refer to: P/N SAC-2015-01764

DATE APRIL 20, 2016

Pursuant to 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

Ms. Susan Jackson
Santee Cooper
P.O. Box 2946101
Moncks Corner, South Carolina 29461

for a permit to place fill material in wetlands and other waters of the United States near

TIMOTHY CREEK

at a location near Interstate 26 Exit 187 at US 27N/Ridgeville Road and near Westvaco Road off US 27N in Berkeley County, South Carolina (Latitude 33.14954° - Longitude -80.26826°).

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 constructing a commerce park adjacent to an automotive manufacturing facility currently under construction at the Camp Hall Tract described above. In detail, Santee Cooper proposes to construct utility corridors, a transportation network, and basic infrastructure to attract and accommodate suppliers and vendors to support the automotive manufacturing facility located east of the project site. The commerce park would include the

development of approximately 1,387 acres, which includes placement of fill material into 118.97 acres of jurisdictional wetlands and other waters of the United States, excavation of 11.65 acres of jurisdictional wetlands, permanent clearing impacts to 47.77 acres of jurisdictional wetlands, and fill impacts to 30.09 acres of non-jurisdictional wetlands. The applicant has proposed to compensate for impacts to wetlands and/or waters of the United States by accomplishing a landscape-scale permittee-responsible mitigation plan which incorporates the in-kind watershed approach on the project site. Compensatory mitigation would involve restoration of approximately 365 acres and preservation of approximately 900 acres of wetlands and waters of the United States. In addition, the compensatory mitigation plan includes the preservation of 682 acres of uplands and upland buffers. The project purpose is to construct utility corridors, a transportation network, developable parcels, and basic infrastructure needed to successfully develop the project site into a commerce park.

NOTE: This public notice and associated plans are available on the Corps' website at: http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices. For those unable to access the website, a copy of this notice and the associated plans will be provided, upon receipt of a written request. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided. Your request should be addressed to the

U.S. Army Corps of Engineers ATTN: REGULATORY DIVISION

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 178.39 acres 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 Section 7 of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey for the property associated with the activity described above. Based upon this report, the District Engineer 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.

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)), 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. 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, floodplain 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.

If there are any questions concerning this public notice, please contact Richard Darden, at 843-329-8043 or toll free at 1-866-329-8187.



NOT TO SCALE



Activity:

CAMP HALL COMMERCE PARK

Project: CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

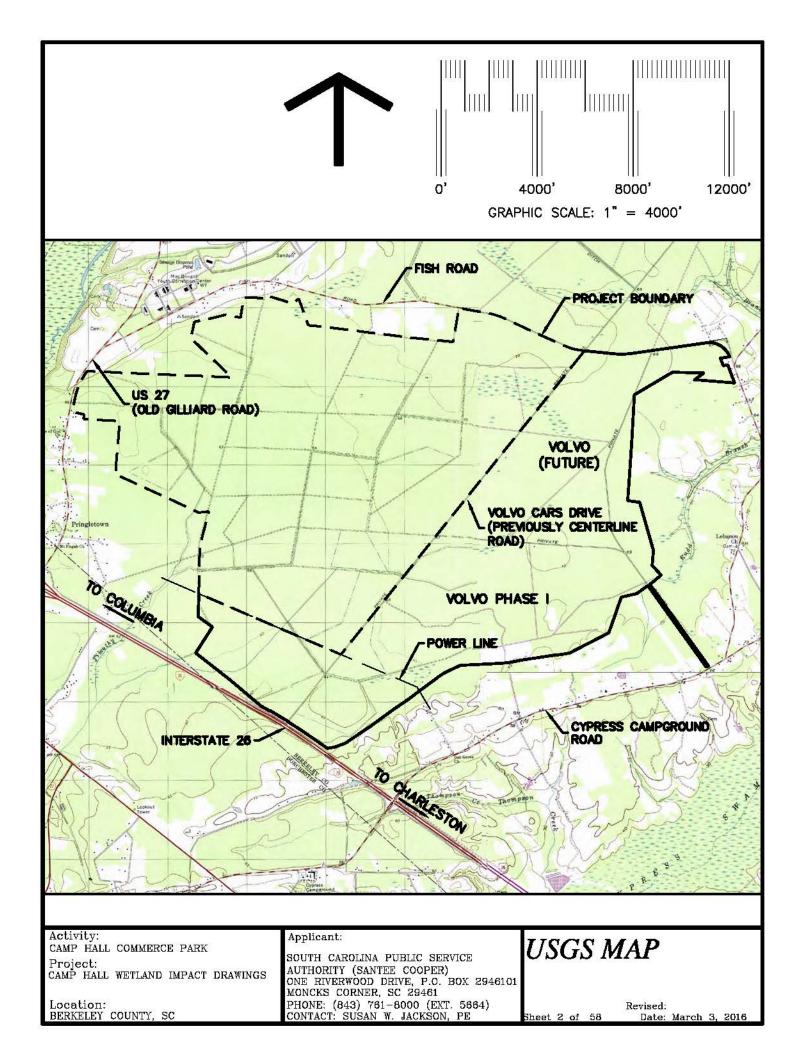
PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

LOCATION MAP

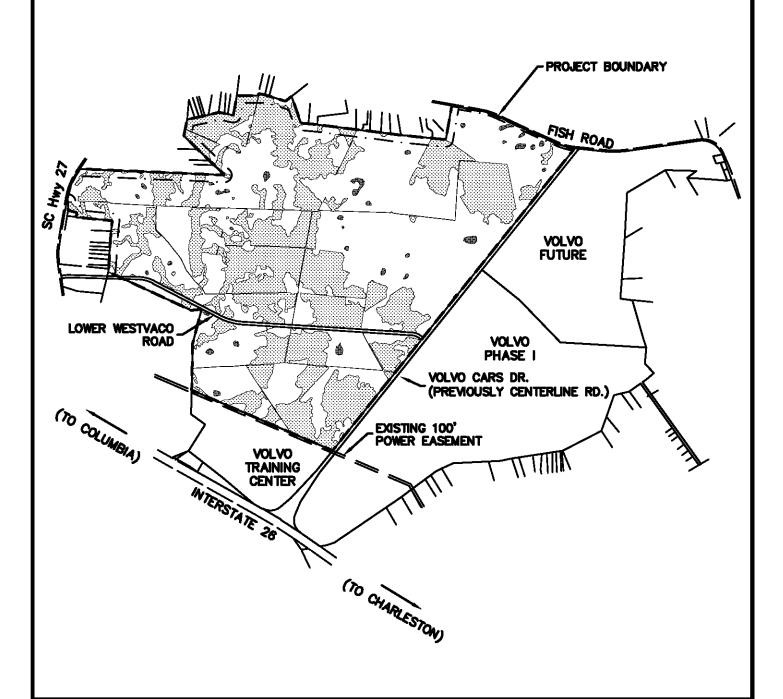
Sheet 1 of 58

Revised:

Date: March 3, 2016







Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461 PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

EXISTING COND. **PLAN**

Sheet 3 of 58

Date: March 3, 2016

<u>KEY</u>

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED

NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

1 20.330 2 58.480 3 2.364 4 2.485 5 0.121 6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916	ID	JWP	JWF	JWE	JWC	NWP	NWF	RPWP	RPWF
2 58.480 3 2.364 4 2.485 5 0.121 6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
3 2.364 4 2.485 5 0.121 6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706		20.330							
4 2.485 5 0.121 6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.708 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911	2	58.480	0.004						
5 0.121 6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
6 5.095 7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
7 1.982 8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
8 0.194 9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.708 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
9 128.837 10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		0.404	1.982						
10 1.052 11 5.078 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.708 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
11 12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
12 4.934 13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.708 36 3.911 37 0.285		1.052			5.070				
13 0.595 14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		4.02.4			5.078				
14 0.765 15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 35 7.082 36 3.911 37 0.285									
15 5.791 16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		0.595					0.705		
16 4.950 17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		5 704					0.765		
17 52.380 18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		5.791			4.050				
18 0.610 19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		52.200			4.950				
19 1.608 20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	0.00	52.360					0.610		
20 0.295 21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	10								
21 1.019 22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
22 2.221 23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285				1 010			0.295		
23 1.811 24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		2 221		1.019					
24 0.647 25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	22	2.221					1 011		
25 0.708 26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
26 0.848 27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	25						0.047		
27 4.176 28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285									
28 0.179 29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	27		1 176				0.040		
29 0.595 30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		0 170	7.170						
30 1.432 31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	20								
31 6.347 32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285		0.030	1 432						
32 0.812 33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	31	6 347	1.702						
33 8.916 34 1.706 35 7.082 36 3.911 37 0.285	32	0.57							
34 1.706 35 7.082 36 3.911 37 0.285	33	0.012	8 916						
35 7.082 36 3.911 37 0.285		1 706	3.510						
36 3.911 37 0.285	35								
37 0.285	36	3 911							
	37	3.011	0.285						
	38		3.200						0.318

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 4 of 58 Date: March 3, 2016

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED

NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

ID	JWP	JWF	JWE	JWC	NWP	NVVF	RPWP	RPWF
	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
39						0.455		
40						0.728		
41	0.556							
42	25.227							
43								0.221
44	35.776							
45								0.746
46		1.400						
47		0.894						
48		0.570						
49								0.073
50								0.111
51		2.861						
52			1.180					
53				0.753				
54	9.499							
55			0.657					
56	41.250							
57				2.997				
58								0.088
59		0.513						
60								0.185
61						0.436		
62						1.543		
63		0.145						
64								0.002
65							0.027	
66							0.346	
67	0.025							
67A				0.140				
67B				0.025				
68	72.915							
69		0.725						
70			0.507					
71		0.998						
72	1.738							
72A				0.735				

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 5 of 58 Date: March 3, 2016

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED

NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

<u> </u>	OKIODIC IIC	MAL KIW	DITCH TO	DL TILLL				
ID	JWP	JWF	JWE	JWC	NWP	NWF	RPWP	RPWF
ID	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
73						1.722		
74	1.350					111. ==		
75							0.095	
76	2.321						20 20 20	
77				1.266				
78	5.076							
79							0.185	
80			0.881					
81		0.972						
82	1.289							
83				1.783				
84	17.652							
85	11.787							
86								0.127
87		1.015						
88			1.065					
89		2.936						
90						0.785		
91						3.878		
92						0.719		
93								0.545
94		4 474						1.124
95		1.174						
96		1.776	0.220					
97	00.736		0.220					
98 99	90.736			5.111				
100		6.814		5.111				
101		0.936						
102		0.550	1.128					
103	1.066		1.120					
104	1.000			0.396				
105			1.283	3.000				
106			200	1.450				
107		2.246						
108	1.454							
109				2.286				
110	0.334							

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 6 of 58 Date: March 3, 2016

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED

NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

ID	JWP	JWF	JVVE	JWC	NWP	NWF	RPWP	RPWF
טו	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
111						0.425		
112	1.265							
113		1.783						
114	0.042							
115		0.311						
116						0.386		
117	16.667							
117A		0.511						
117B		0.131						
118						0.516		
119		0.417						
120								0.320
121	0.884							
122					0.296			
123				1.494				
124	2.370							
125				0.421				
126				0.627				
127				0.122				
128	114.368							
129	0.116							
130				2.445				
131	76.113							
132						0.141		
133						0.514		
134	15.477							
135						0.934		
136						0.500		
137						0.604		
138						3.167		
139	2.225							
140			0.359					
140A		0.106						
141							0.079	
142							0.145	
143	0.505							
144	5.269							

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 7 of 58 Date: March 3, 2016 <u>KEY</u>

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

W - 0				DE FILLED				
ID	JWP	JWF	JWE	JWC	NWP	NWF	RPWP	RPWF
	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
144A		0.063						
144B		0.035						
145				0.765				
146						0.518		
147						0.313		
148		0.290						
149	7.960							
150				4.968				
151	1.399							
152				0.026				
153				0.101				
154		0.381						
155	3.143							
156						0.933		
157	44.040							
158	30.523							
159		0.502						
160				0.195				
161				0.077				
162	0.442							
163		0.190						
164		0.783						
165							0.362	
165A							0.140	
165B								0.006
166							0.057	
167	0.235							
168				0.009				
169				0.150				
170	41.552							
171	0.115							
172				3.334				
173		1.898						
174	0.166							
175				0.382				
176		2.194						
177	58.333							
178				0.103				

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 8 of 58 Date: March 3, 2016

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED

NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

<u>wr = 0</u>	JURISDIC HO	MAL RPW	DITCH TO	BE FILLEL	<u> </u>			
ID	JWP	JWF	JWE	JWC	NWP	NWF	RPWP	RPWF
טו	Ac	Ac	Ac	Ac	Ac	Ac	Ac	Ac
179			1.094					
180			0.083					
181			0.420					
182							0.364	
182A								0.120
183		49.546						
184	25.692							
185						2.327		
186				2.073				
187	0.250							
188	0.008							
189		0.109						
190	0.202							
191						1.252		
192	1.022							
193	1.798				1.000			
194					1.209			2.252
195	45.000							0.658
196	15.822							
197	20.012		0.027					
198	7 204		0.837					
199	7.384						0.299	
201			0.102				0.299	
202			0.102					0.177
203								0.030
204			0.468					0.000
205	147.326		0.400					
205A	2.154							
206	0.759							
207	000			0.949				
208		0.074		0.0.0				
209								0.560
210			0.304					
211	0.420							
212				0.904				
213	0.388							
214	0.114			_				

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)

ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

WETLAND SUMMARY CHART

Sheet 9 of 58 Date: March 3, 2016 <u>KEY</u>

JWP = JURISDICTIONAL WETLAND TO BE PRESERVED

JWF = JURISDICTIONAL WETLAND TO BE FILLED

JWE = JURISDICTIONAL WETLAND TO BE EXCAVATED

JWC = JURISDICTIONAL WETLAND TO BE CLEARED ONLY (NO GRUBBING)

NWP = NON-JURISDICTIONAL WETLAND TO BE PRESERVED NWF = NON-JURISDICTIONAL WETLAND TO BE FILLED

RPWP = JURISDICTIONAL RPW DITCH TO BE PRESERVED

RPWF = JURISDICTIONAL RPW DITCH TO BE FILLED

ID	JWP Ac	JWF Ac	JWE Ac	JWC Ac	NWP Ac	NWF Ac	RPWP Ac	RPWF Ac
215				1.521				
216				0.135				
217	0.278							
218		0.197						
219		0.085						
220		0.886						
221		0.107						
222		0.102						
223		0.027						
	1262.335	113.559	11.607	47.771	1.505	30.088	2.099	5.411

Total Wetlands and Impacts = 1474.374

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101

MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE WETLAND SUMMARY CHART

Revised:

Sheet 10 of 58 Date: March 3, 2016

ID	Area Area SF Ac		ID	Area SF	Area Ac
B1	213,101	4.892	B31	339,111	7.785
B2	2,996,156	68.782	B32	5,288,391	121.405
В3	159,246	3.656	B33	235,805	5.413
B4	53,924	1.238	B34	109,646	2.517
B5	120,269	2.761	B35	8,779	0.202
B6	108,348	2.487	B36	7,040	0.162
B7	7,951	0.183	B37	403,507	9.263
B8	7,611	0.175	B38	72,086	1.655
B9	779,799	17.902	B39	71,238	1.635
B10	711,765	16.340	B40	229,381	5.266
B11	2,232,075	51.241	B41	194,444	4.464
B12	32,571	0.748	B42	58,655	1.347
B13	51,956	1.193	B43	63,292	1.453
B14	29,693	0.682	B44	205,526	4.718
B15	14,868	0.341	B45	34,522	0.793
B16	27,009	0.620	B46	60,819	1.396
B17	394,073	9.047	B47	385,524	8.850
B18	463,276	10.635	B48	3,494,465	80.222
B19	2,735,157	62.791	B49	281,686	6.467
B20	241,768	5.550	B50	168,832	3.876
B21	359,039	8.242	B51	89,520	2.055
B22	263,655	6.053	B52	2,160,229	49.592
B23	771,336	17.707	B53	102,511	2.353
B24	33,075	0.759	B54	28,035	0.644
B25	26,439	0.607	B55	1,666,434	38.256
B26	137,315	3.152	B56	35,651	0.818
B27	165,123	3.791	B57	28,513	0.655
B28	208,436	4.785	B58	186,126	4.273
B29	83,652	1.920	B59	89,874	2.063
B30	137,218	3.150	B60	38,124	0.875
	13,565,904	311.430		16,137,766	370.472

Total Buffer Area = 29,703,670 681.902

Buffered Wetland Perimeter (LF) = 222,807

Area Required for Average 75' Wide Buffer $(222,807 \times 75) = 16,710,525$

Actual buffers exceed area required for average 75' width

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

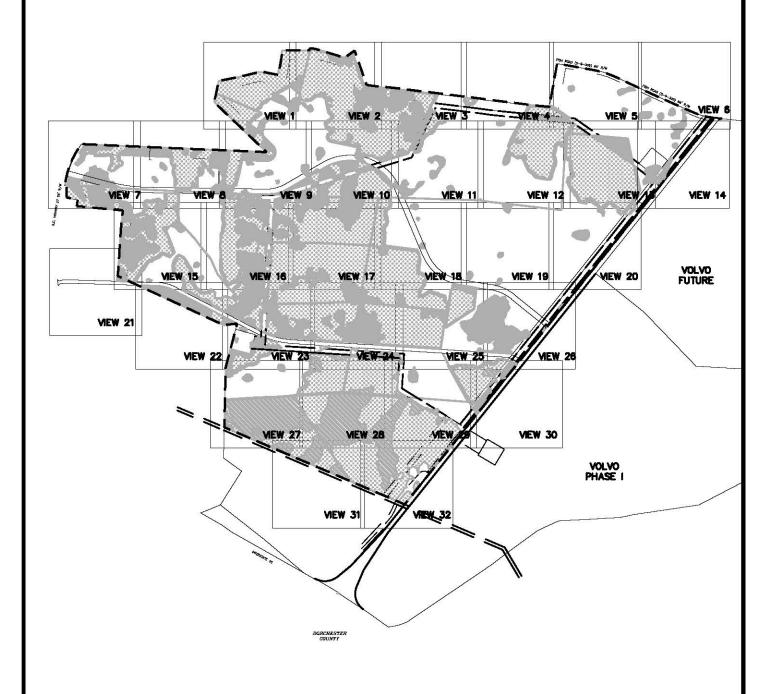
PHONE: (843) 761-8000 (EXT. 5664)
CONTACT: SUSAN W. JACKSON, PE Sheet 11 of 58

WETLAND BUFFER CHART

> Revised: Date: March 3, 2016



NOT TO SCALE



Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

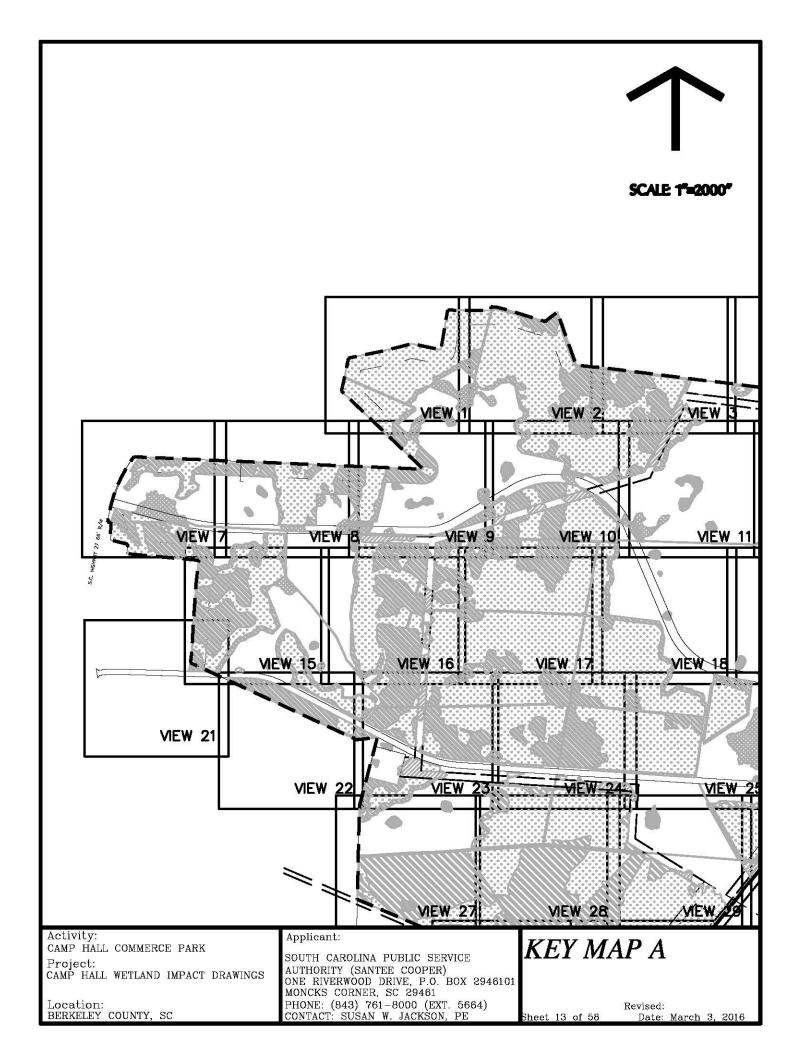
Applicant:

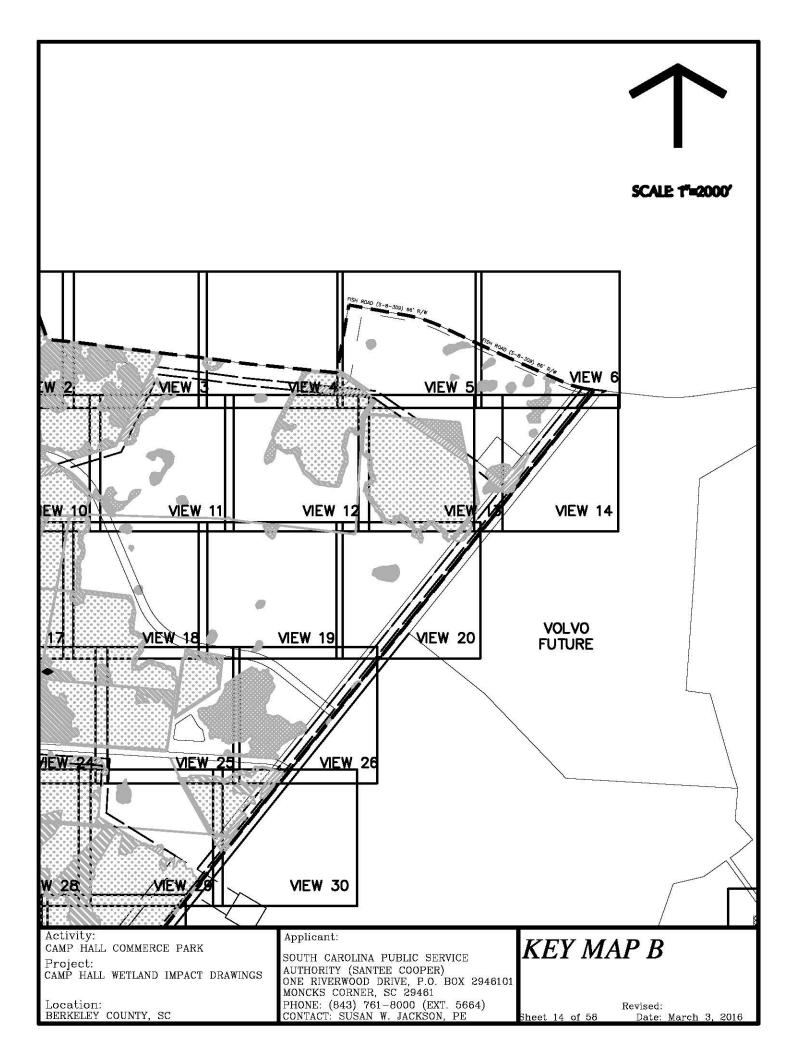
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)
ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

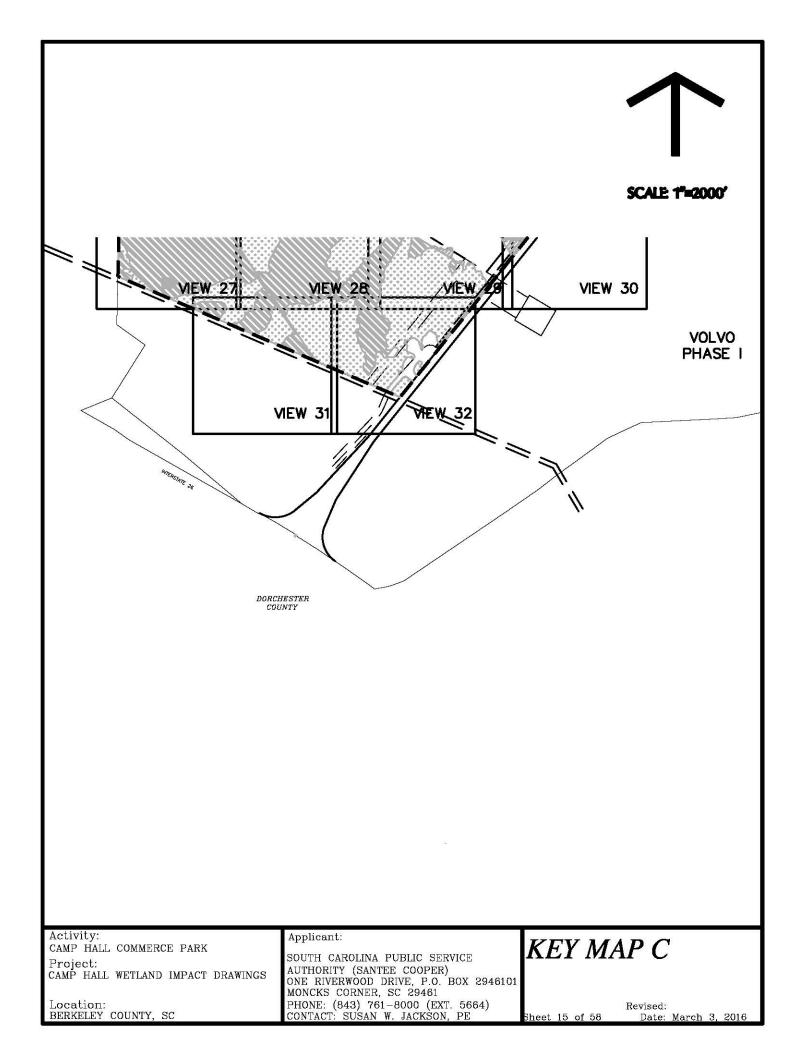
PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

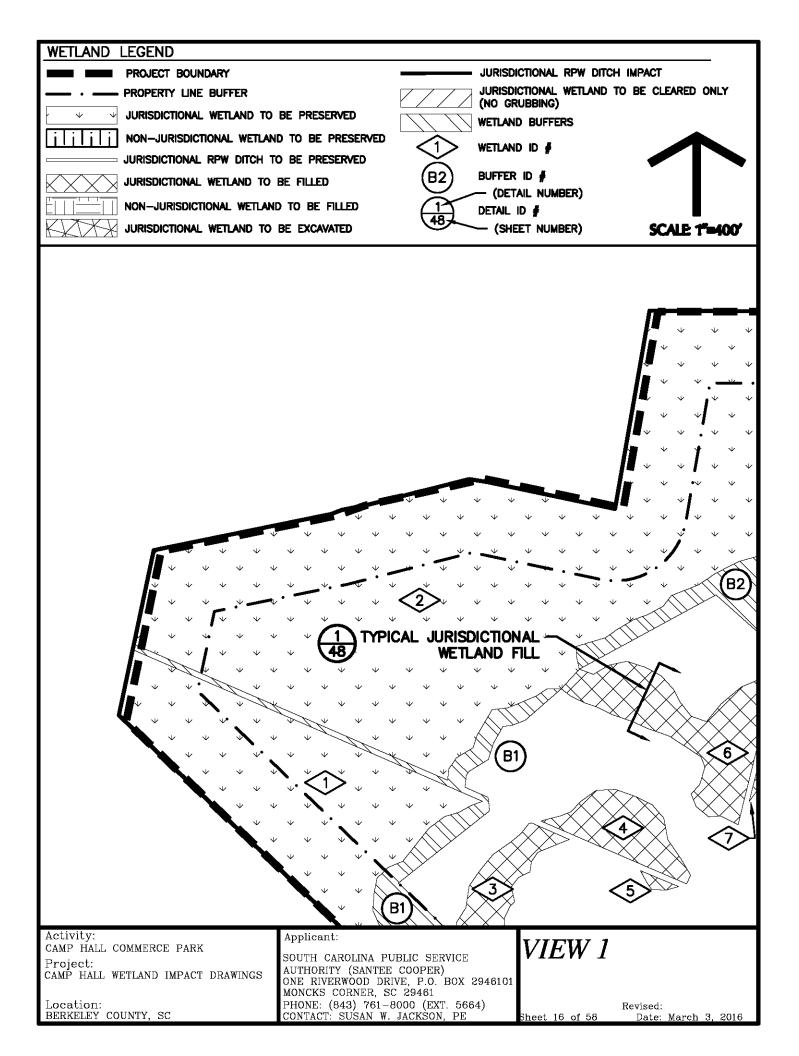
OVERALL KEY MAP

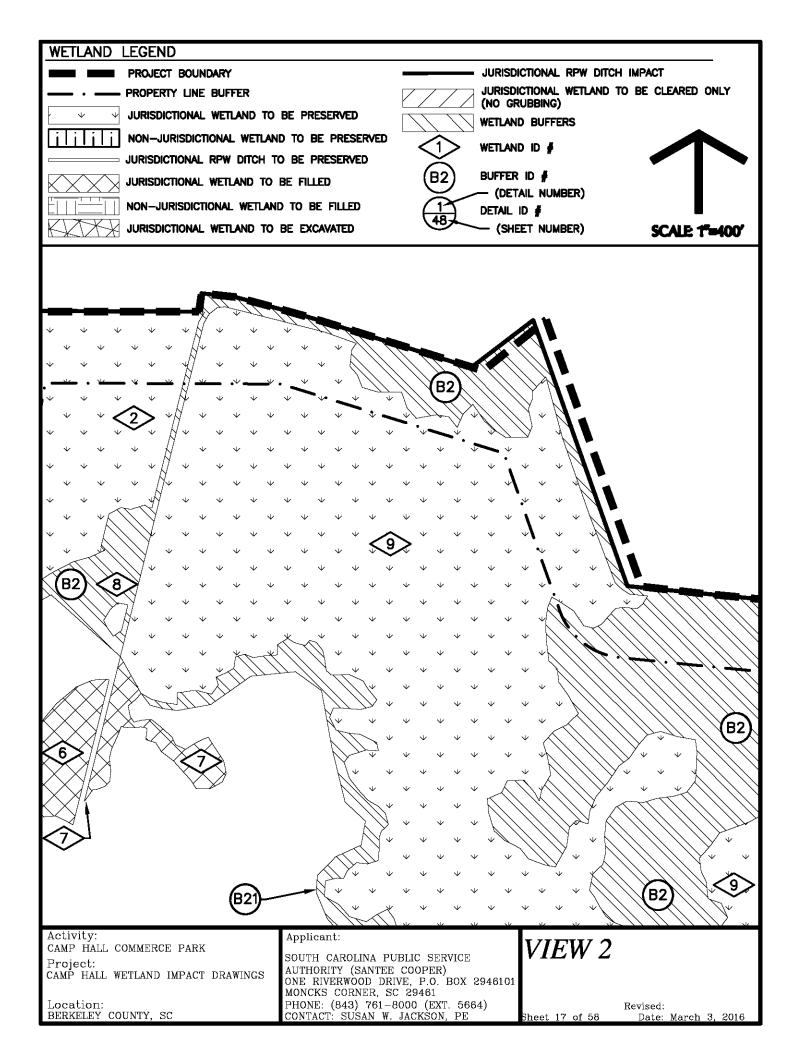
Date: March 3, 2016 Sheet 12 of 58

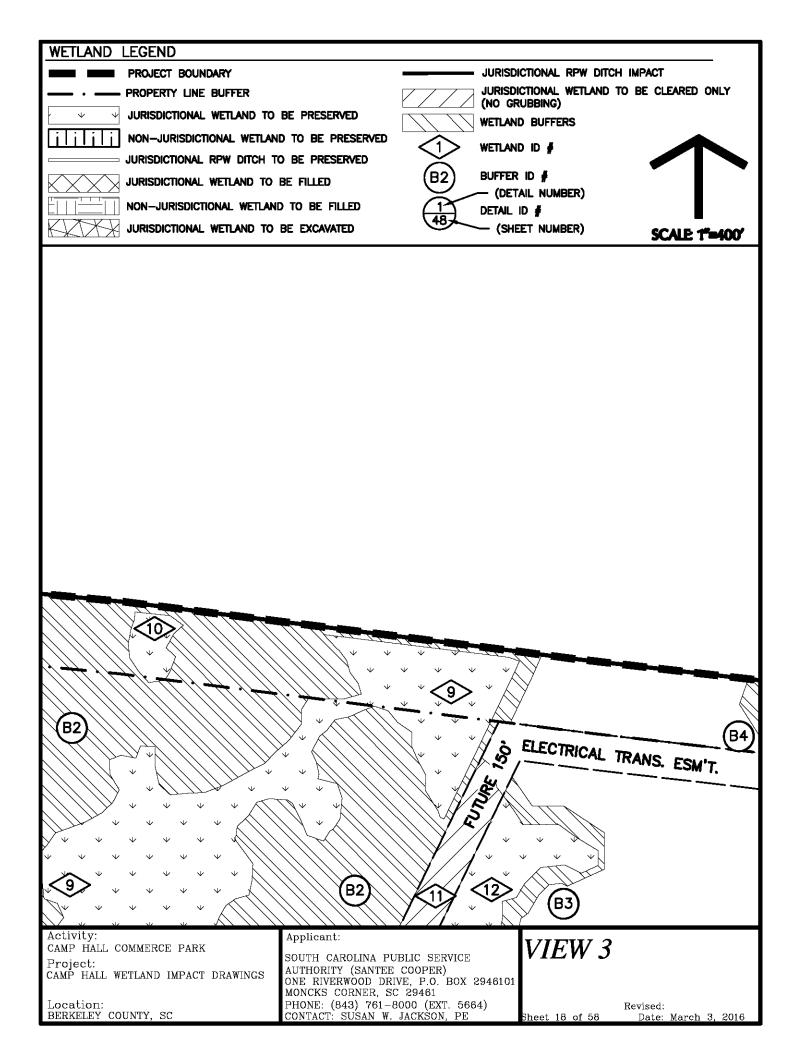


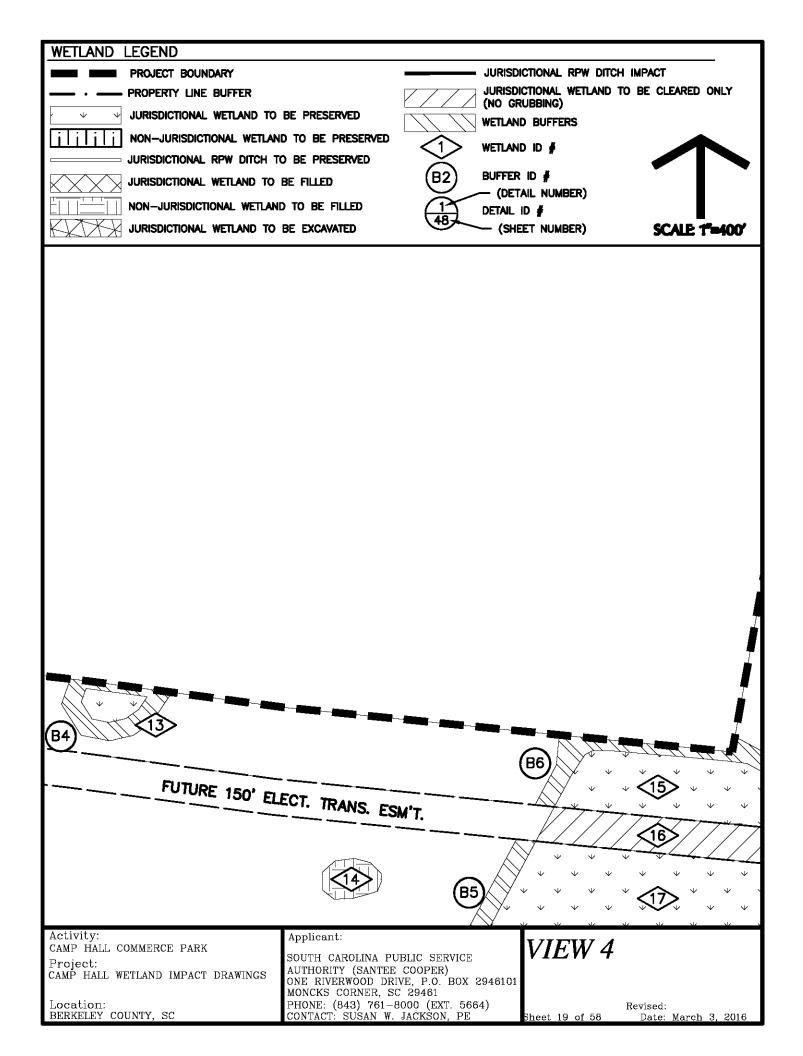


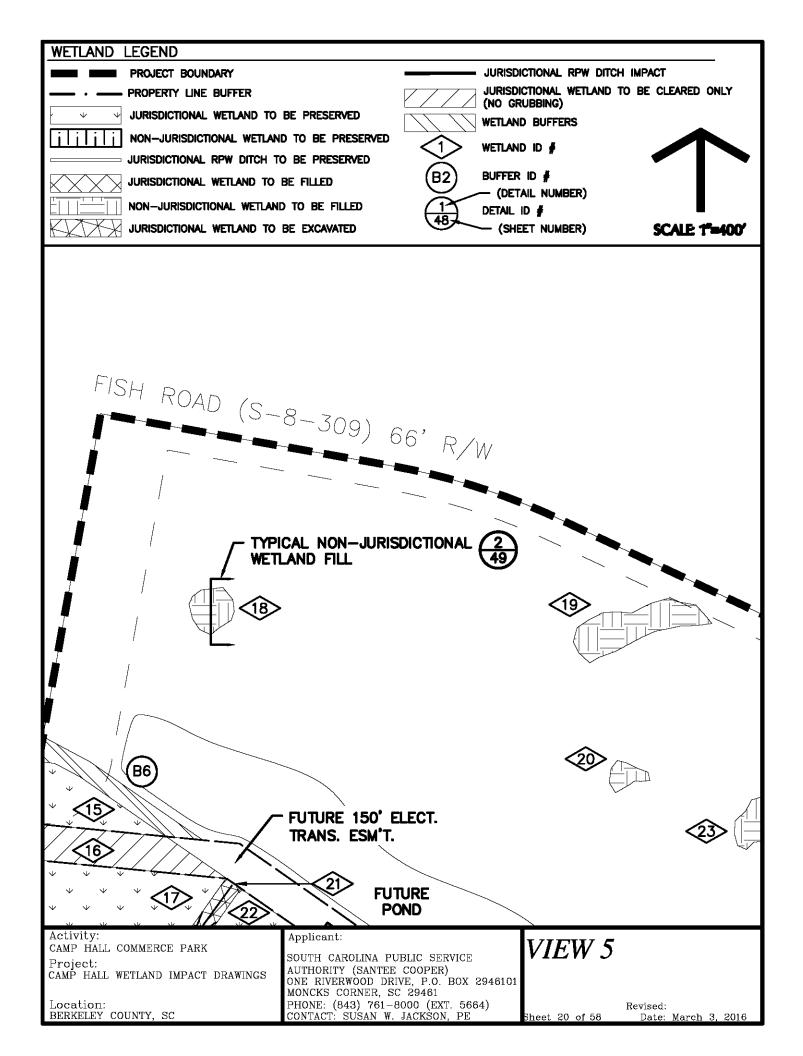


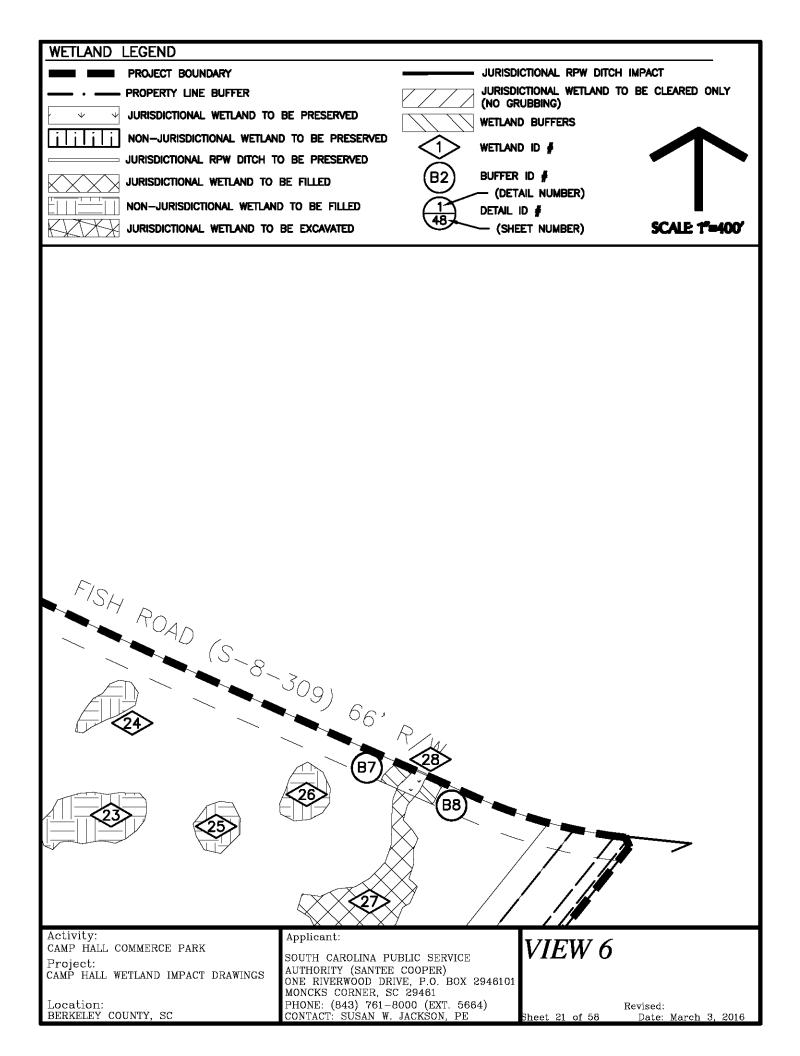


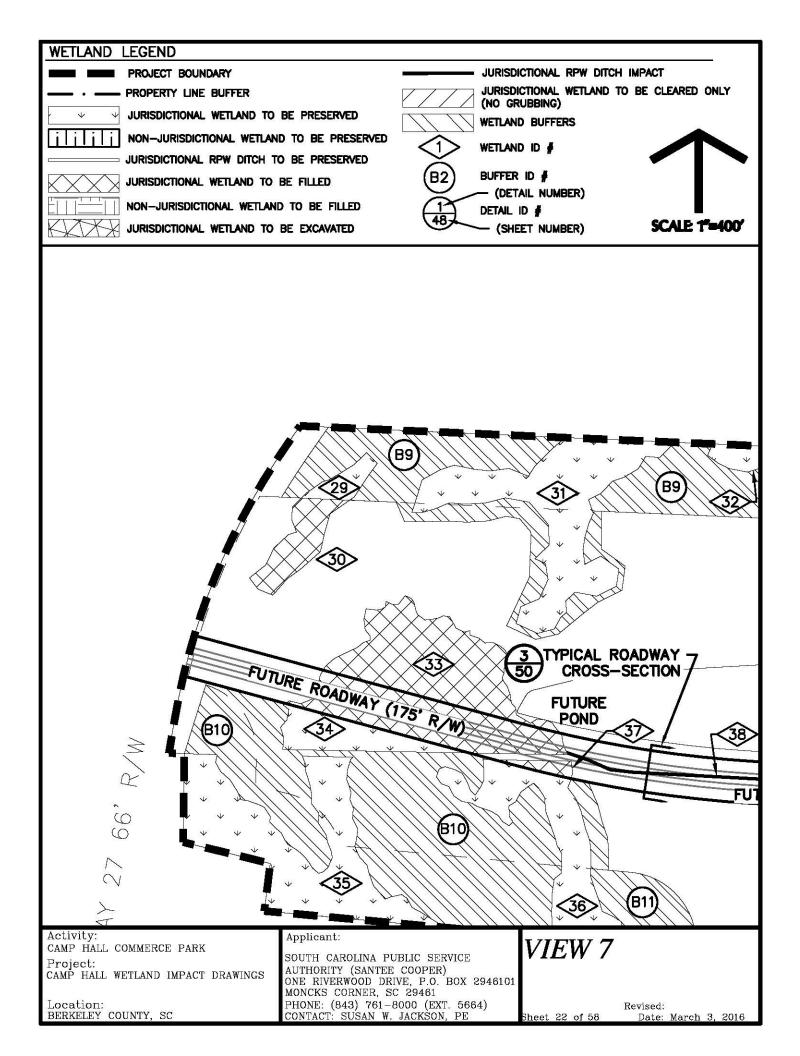


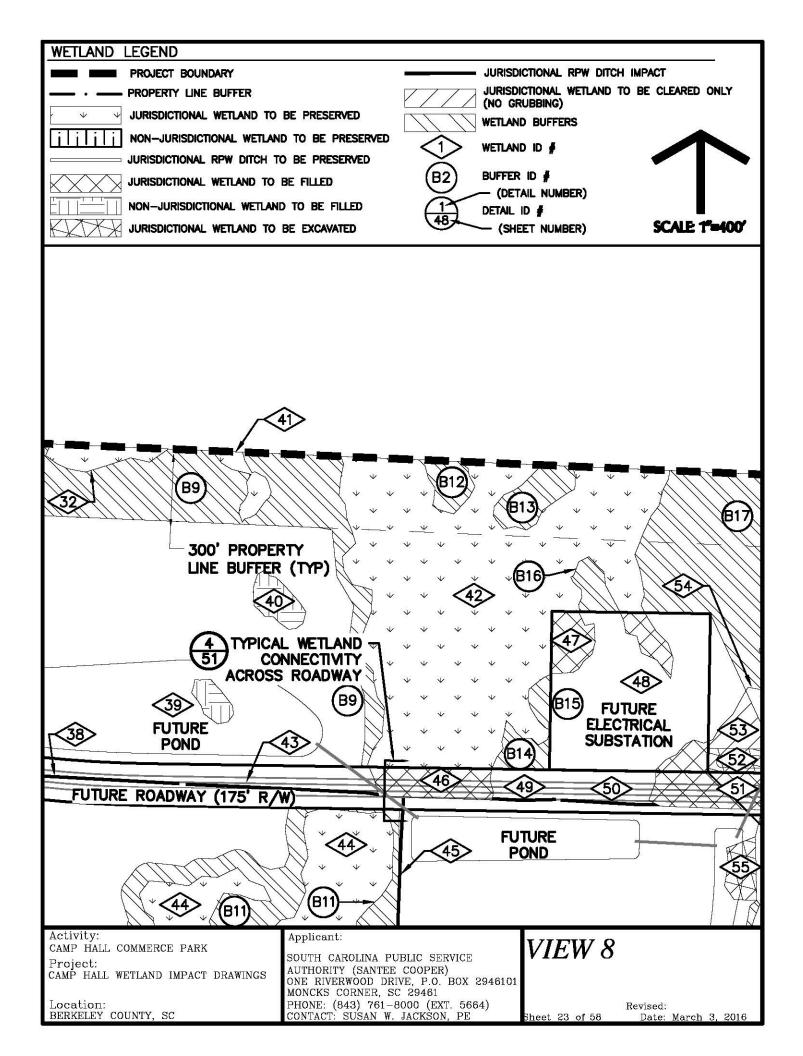


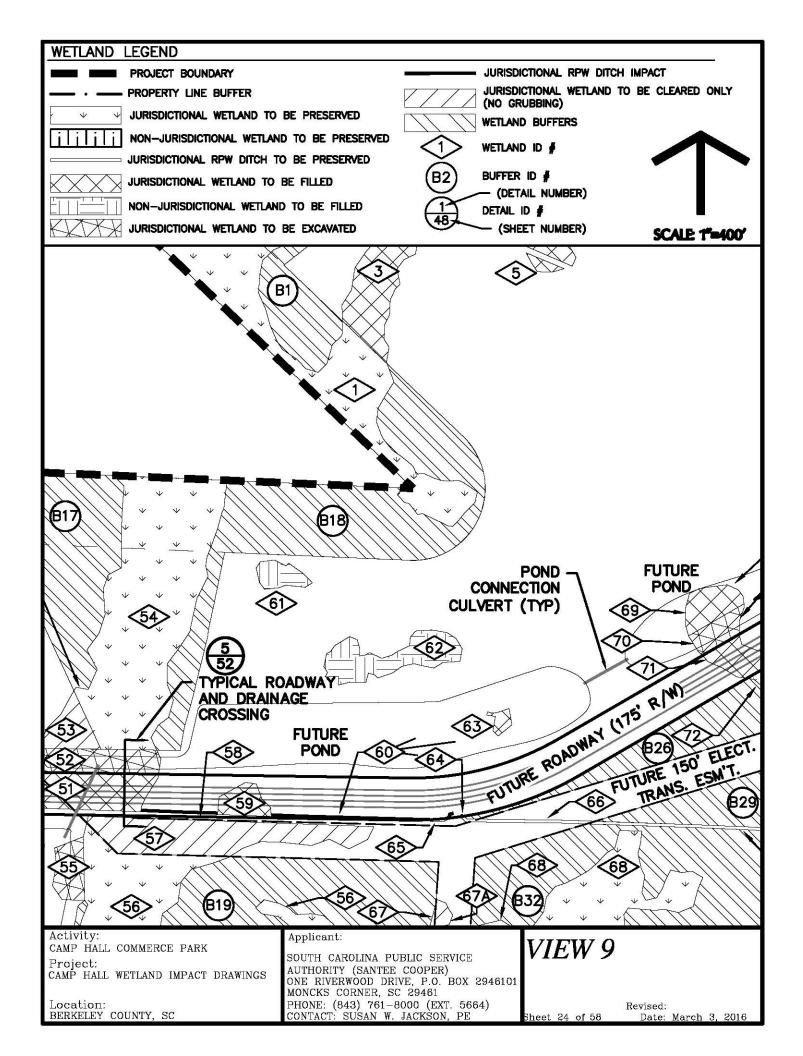


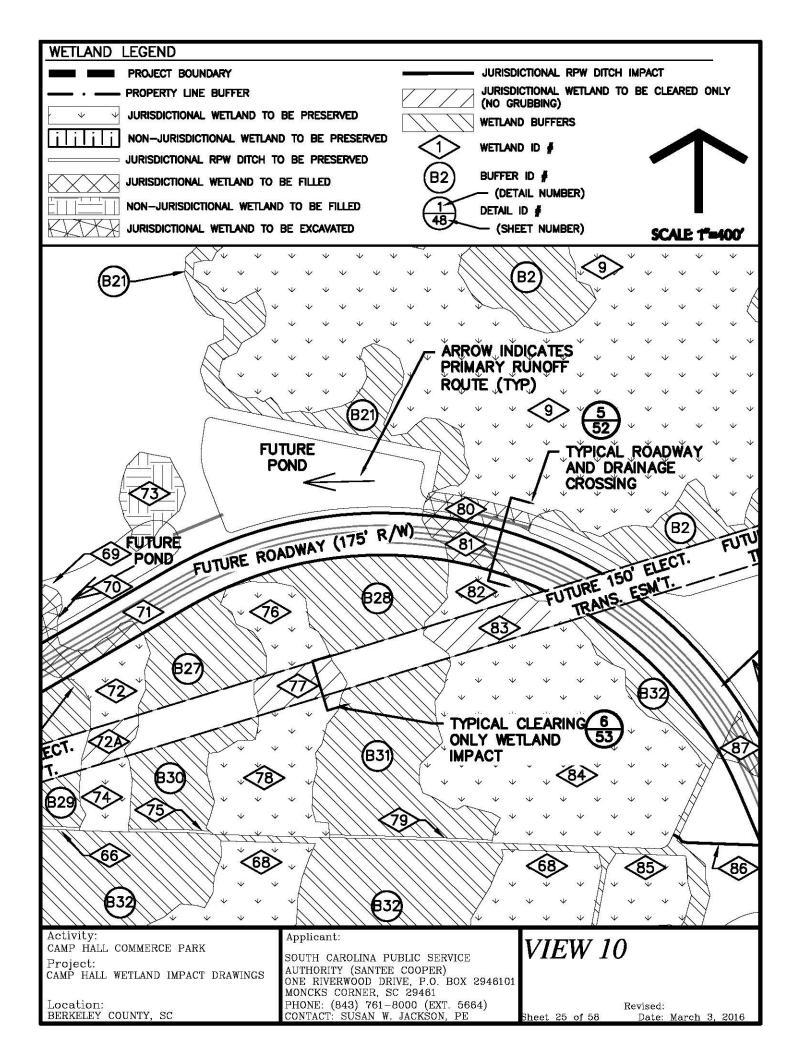


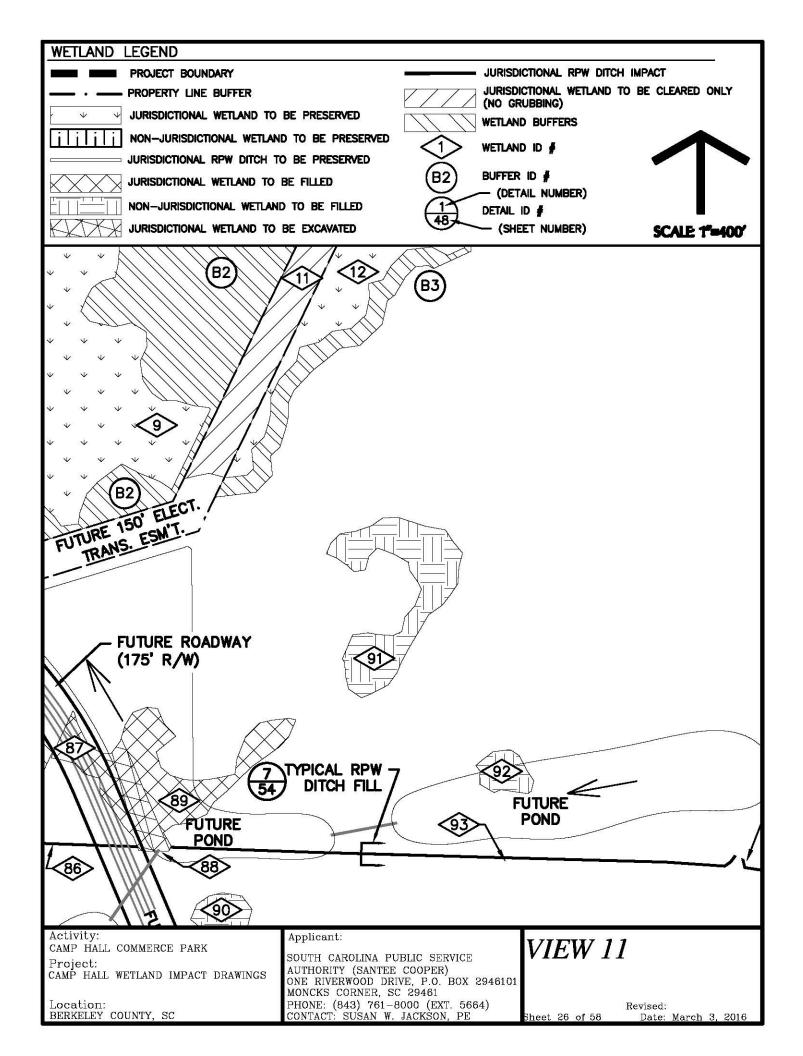


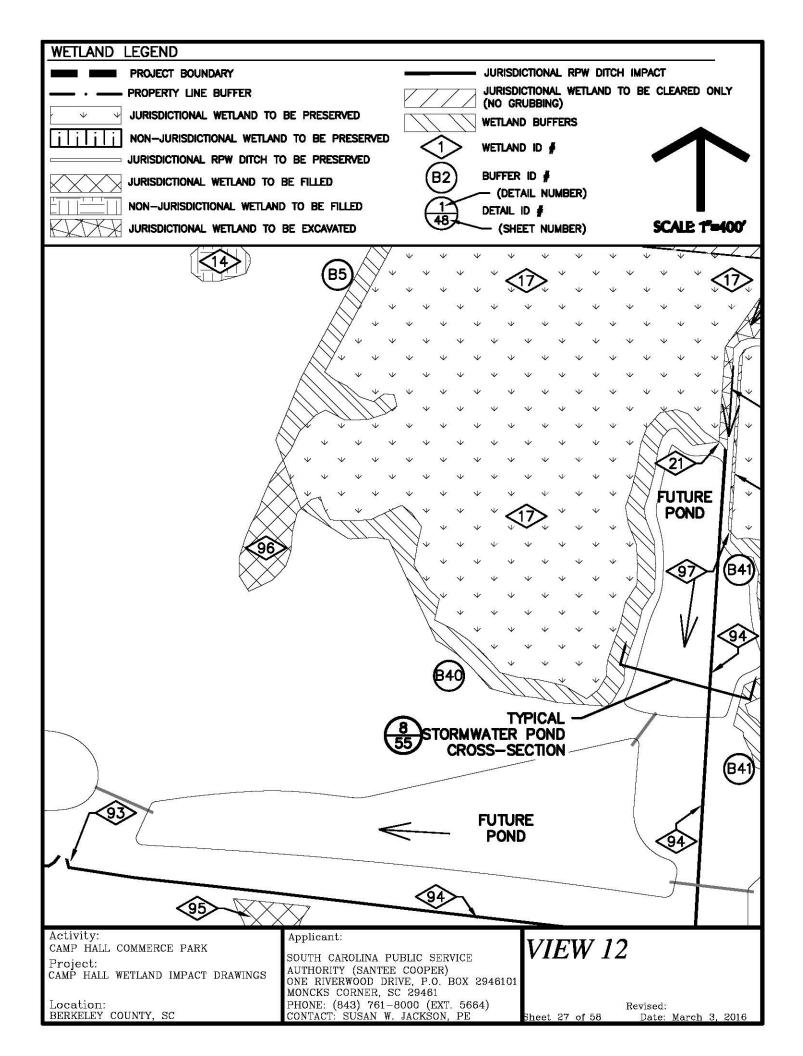


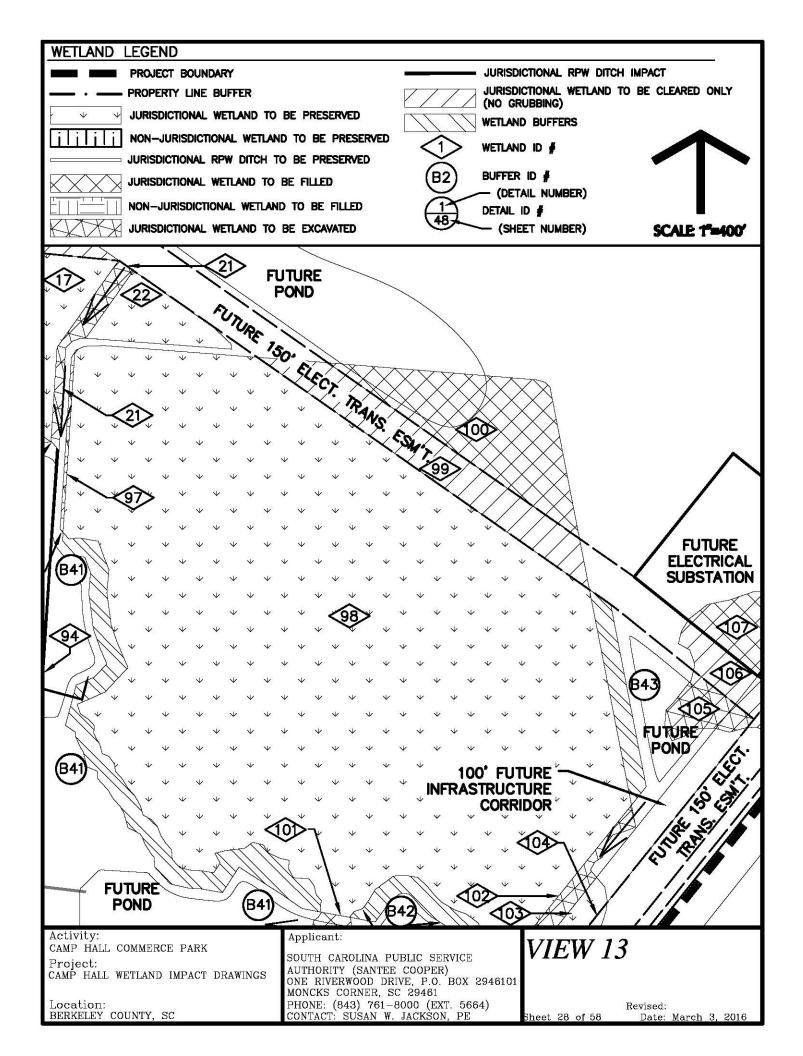


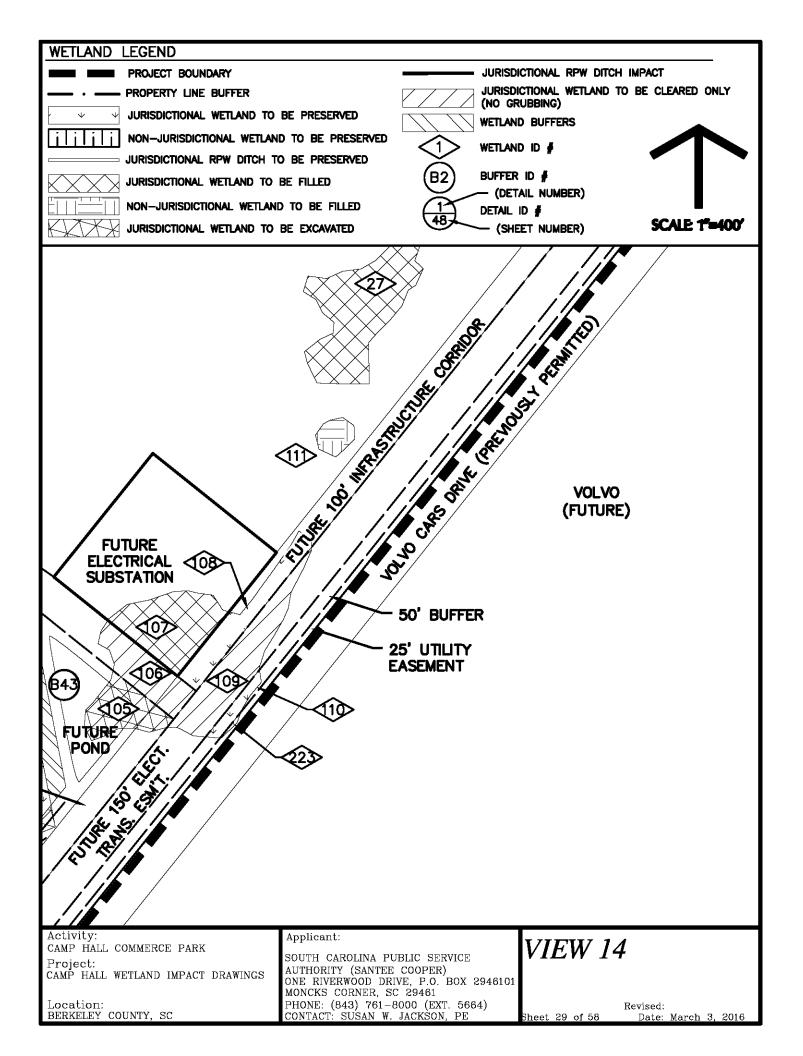


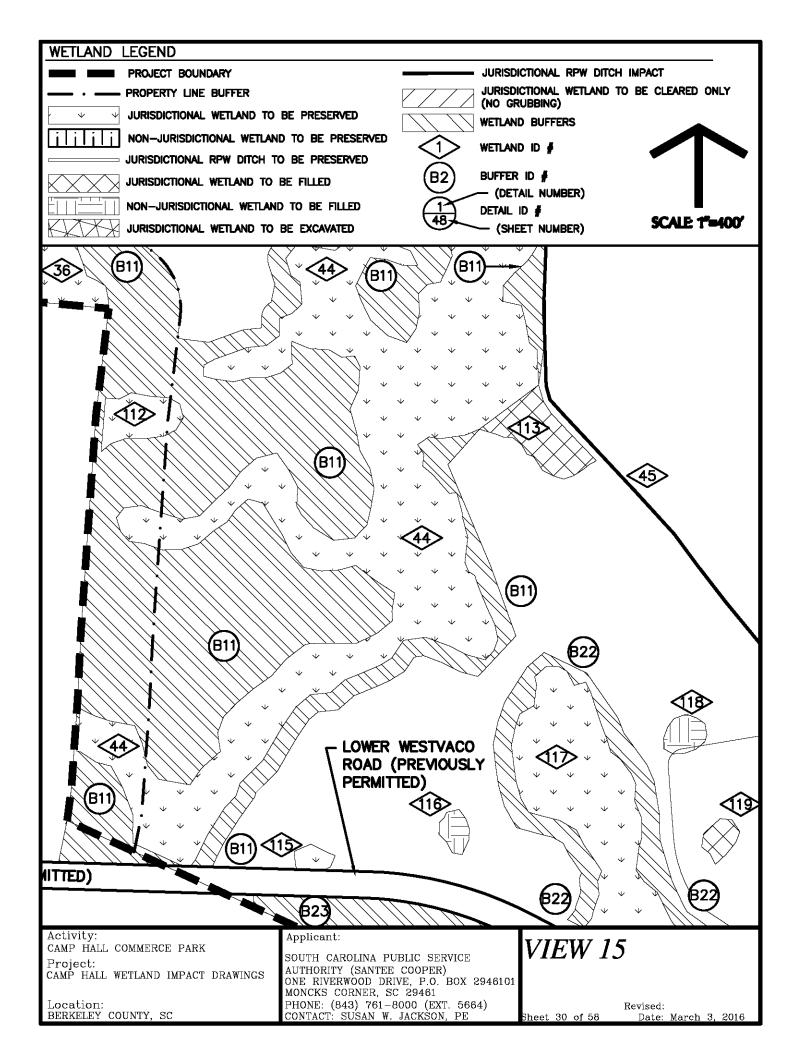


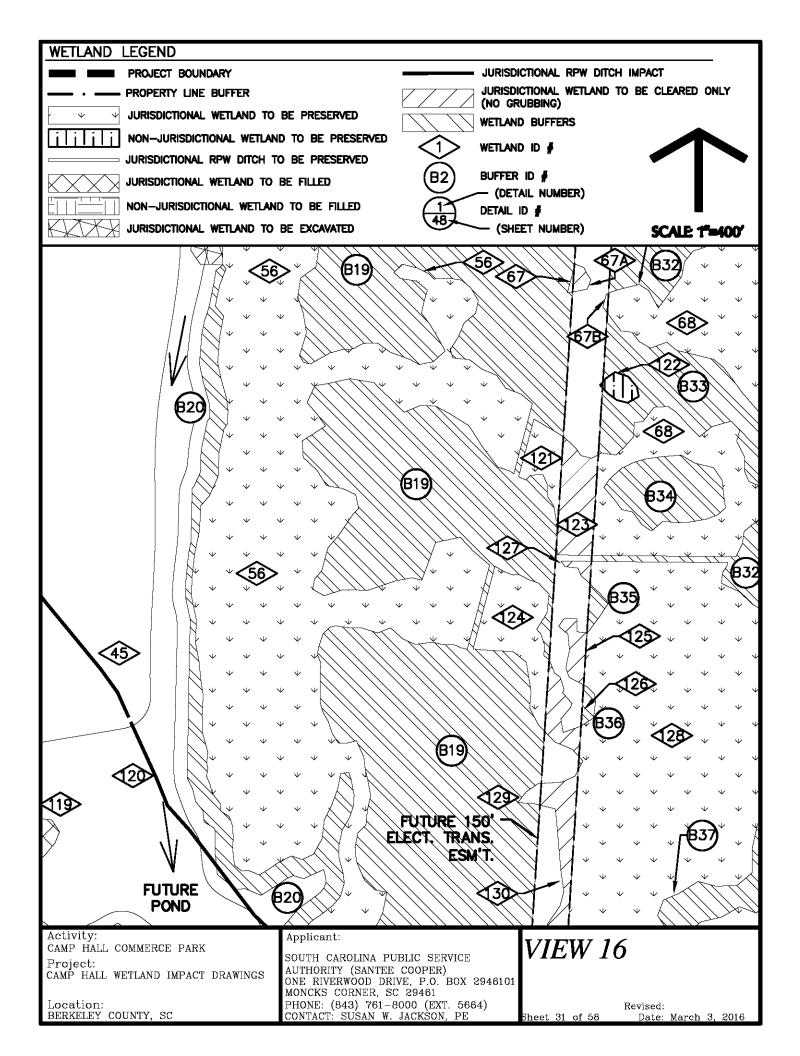


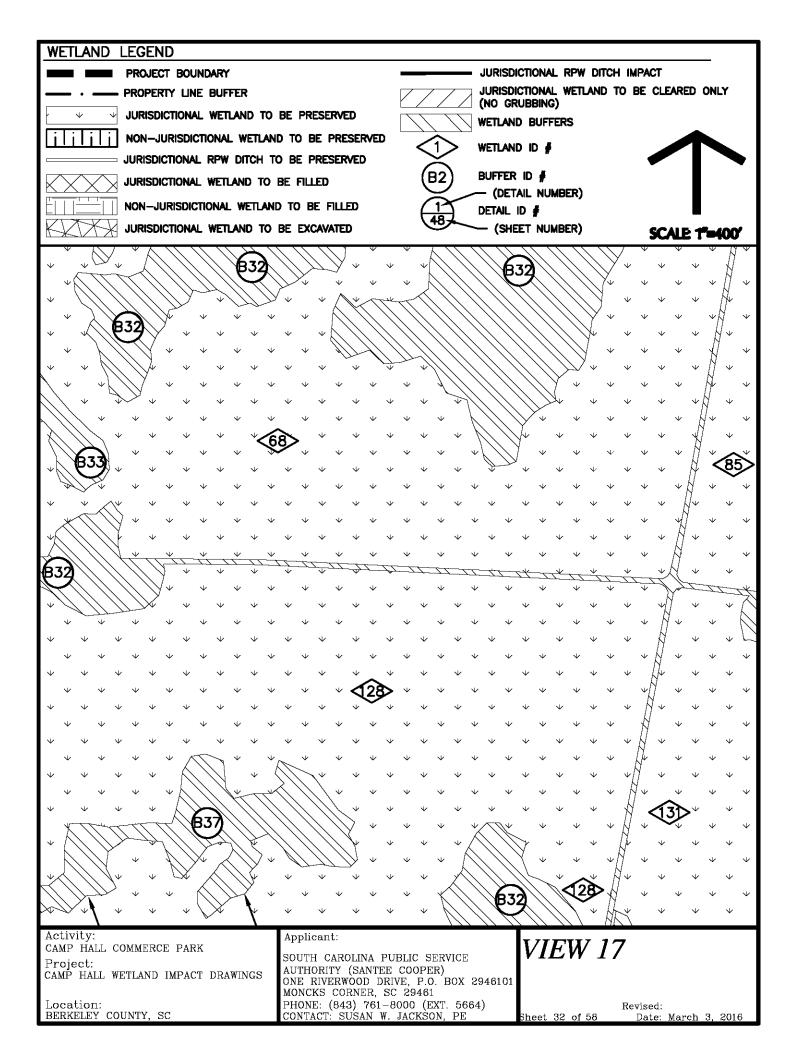


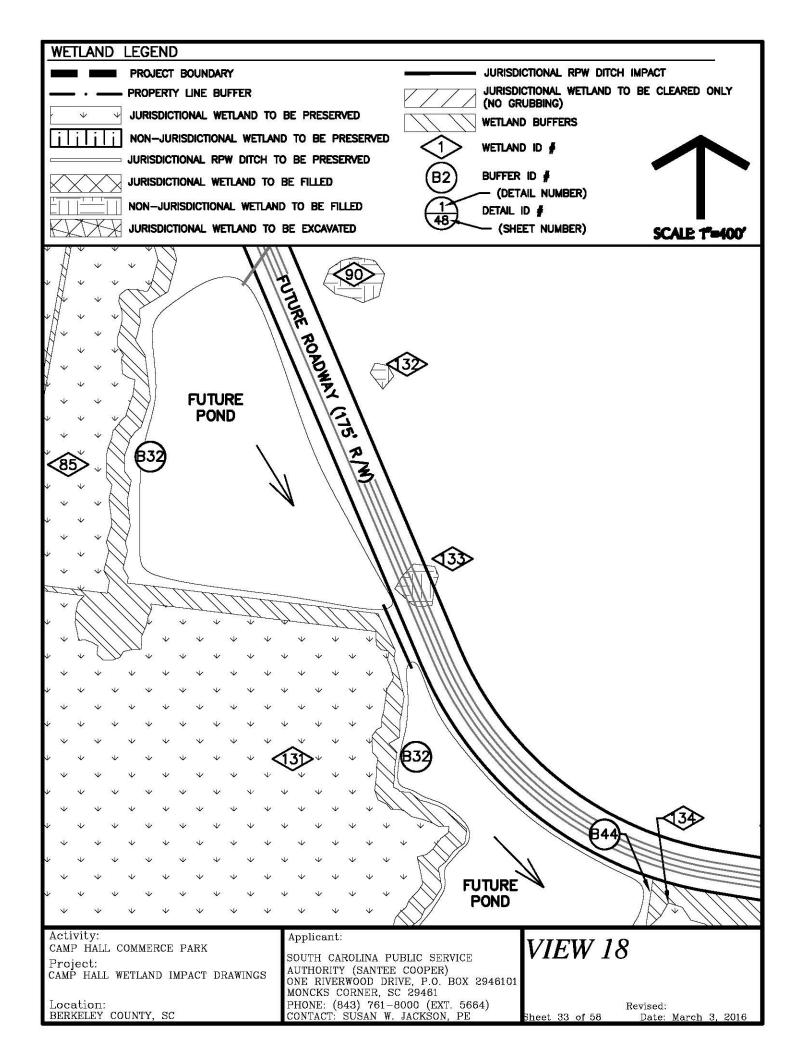


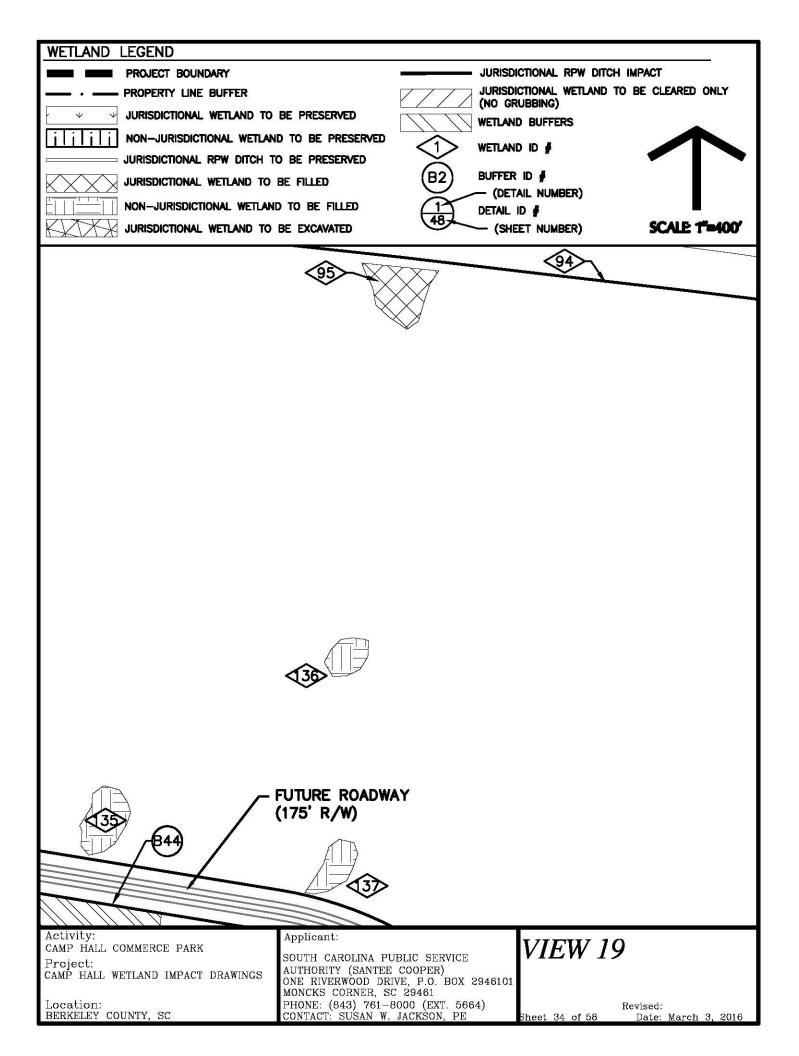


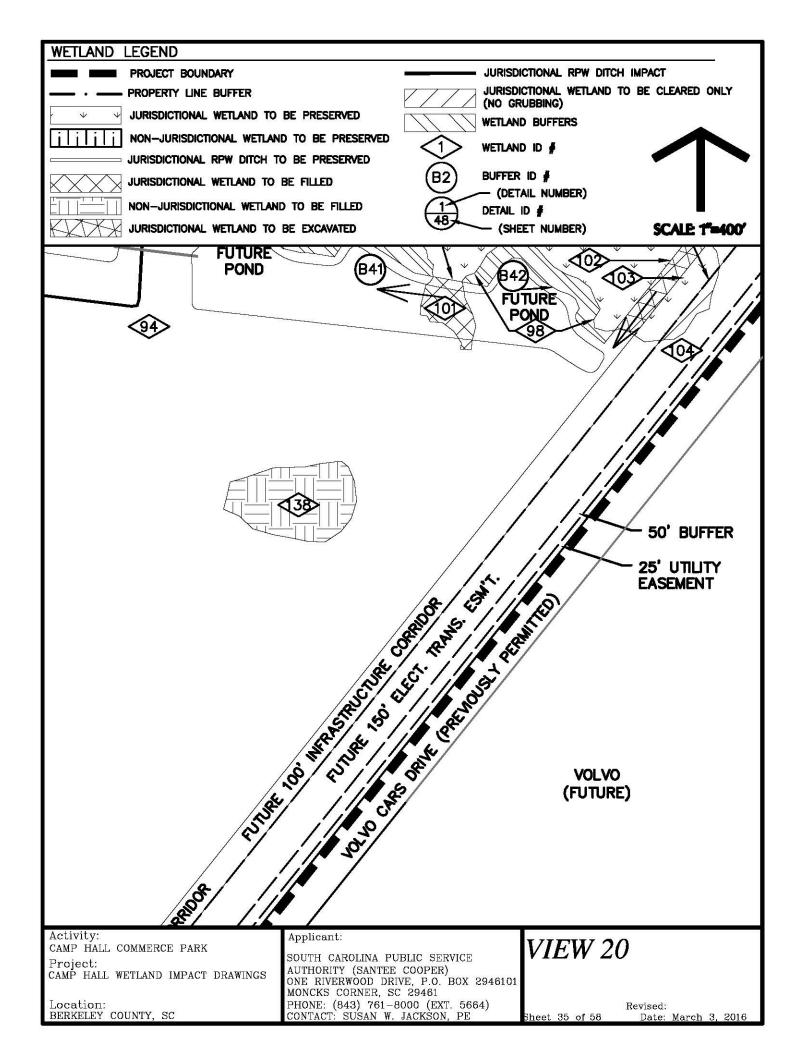


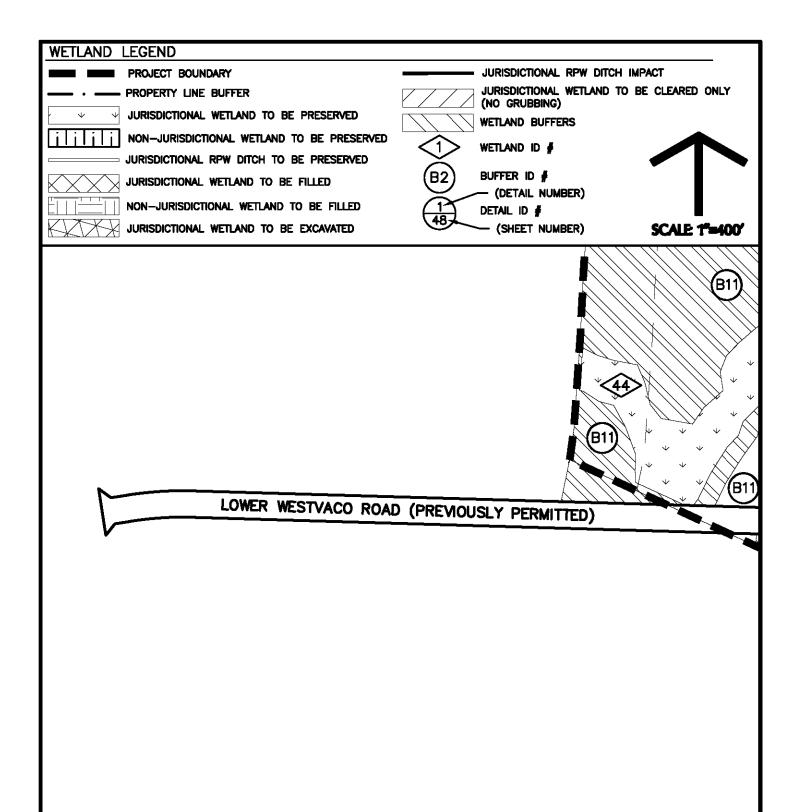












Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

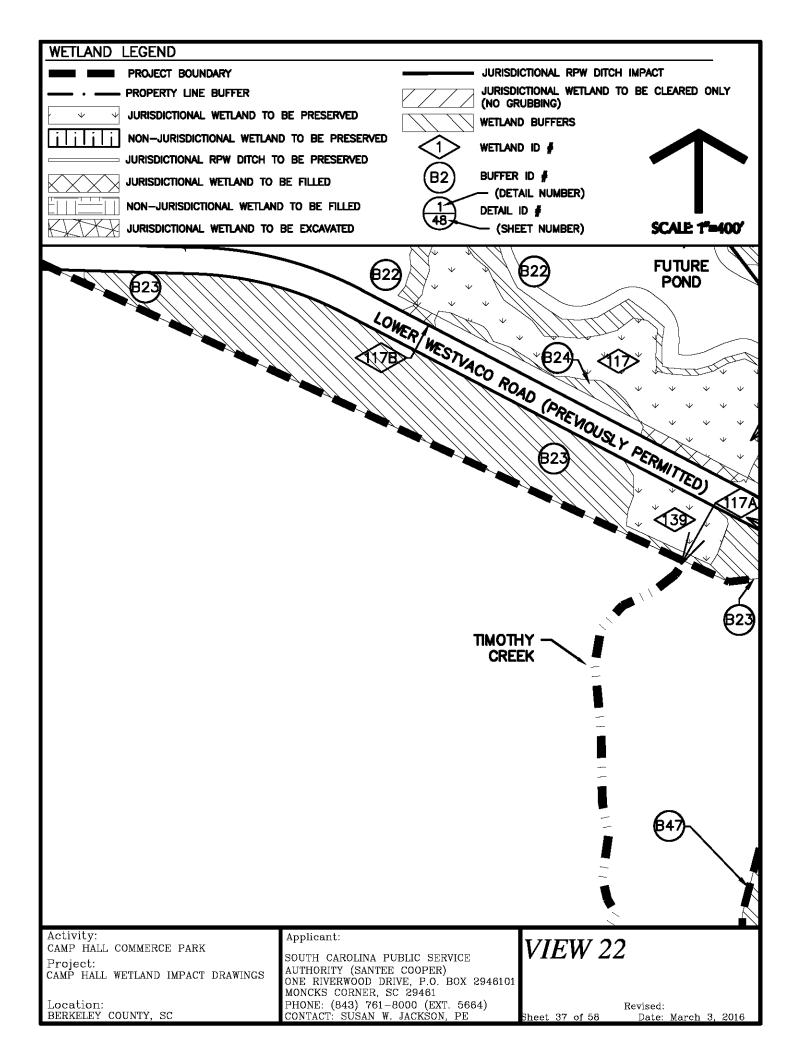
Location: BERKELEY COUNTY, SC Applicant:

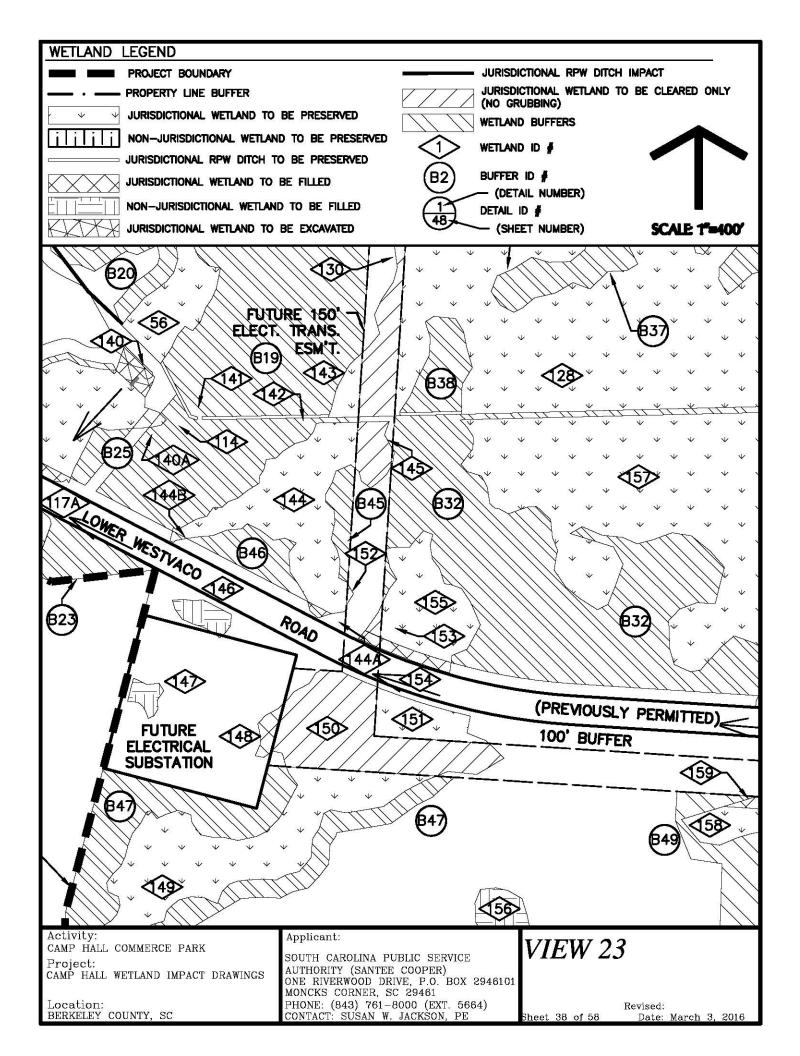
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461 PHONE: (843) 761 8000 (FVT 5664)

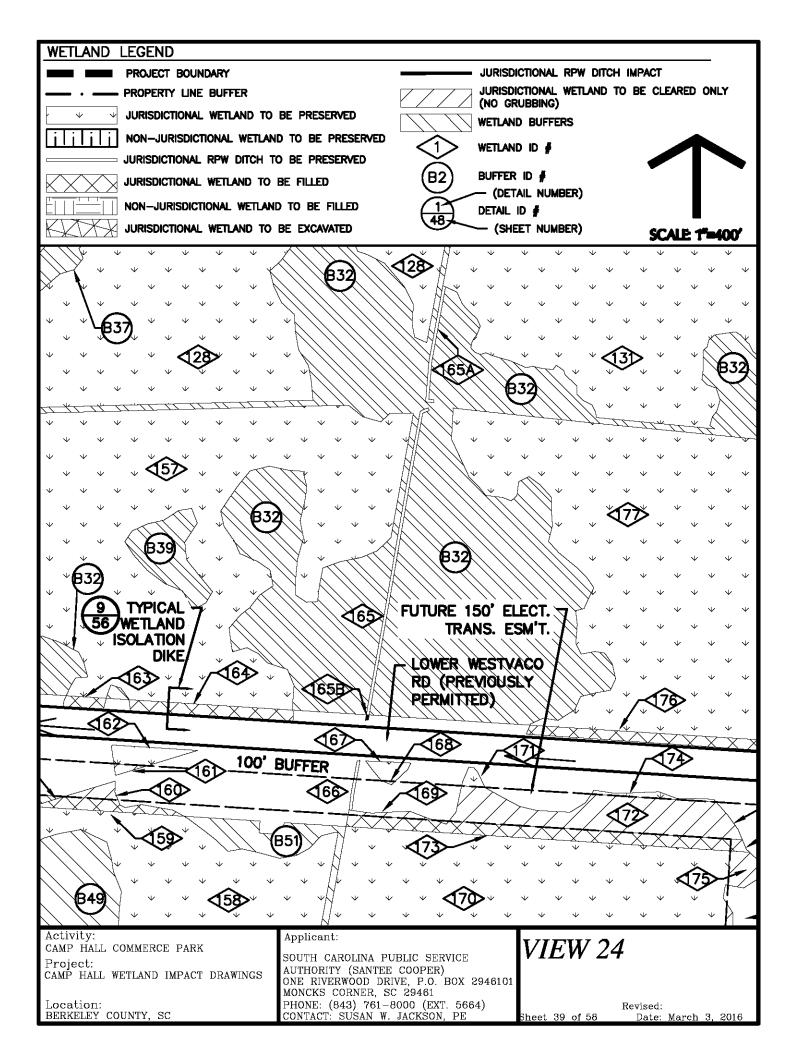
PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE VIEW 21

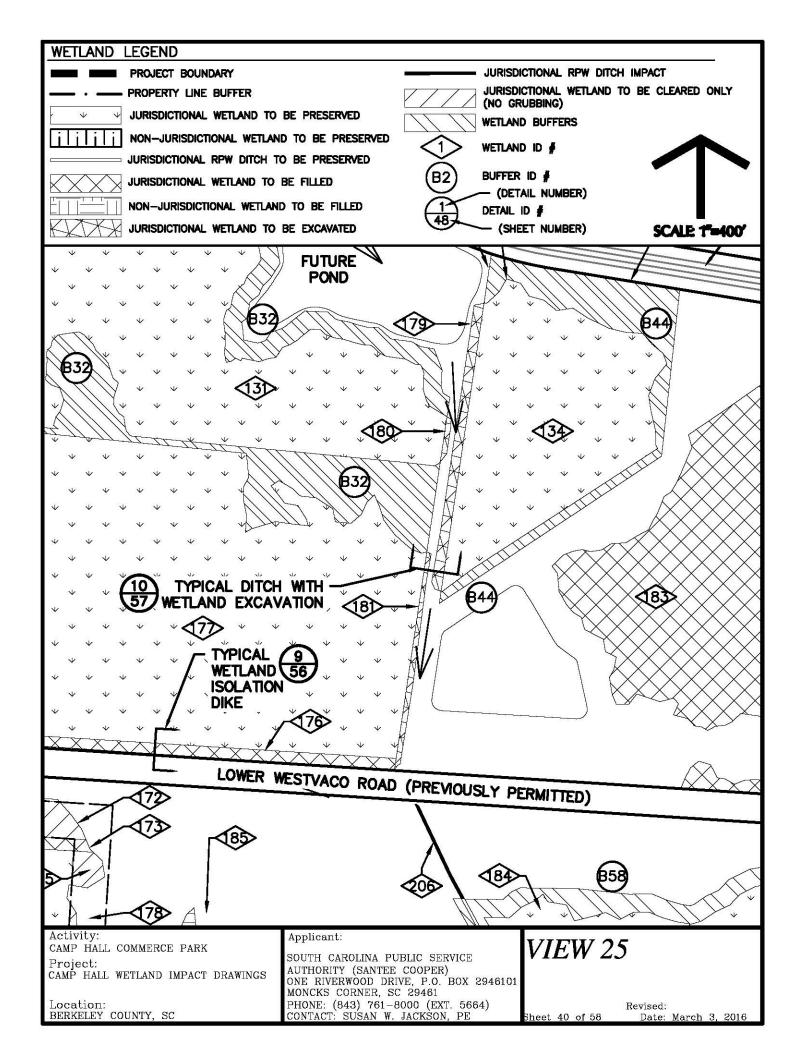
Revised Sheet 36 of 58 Date

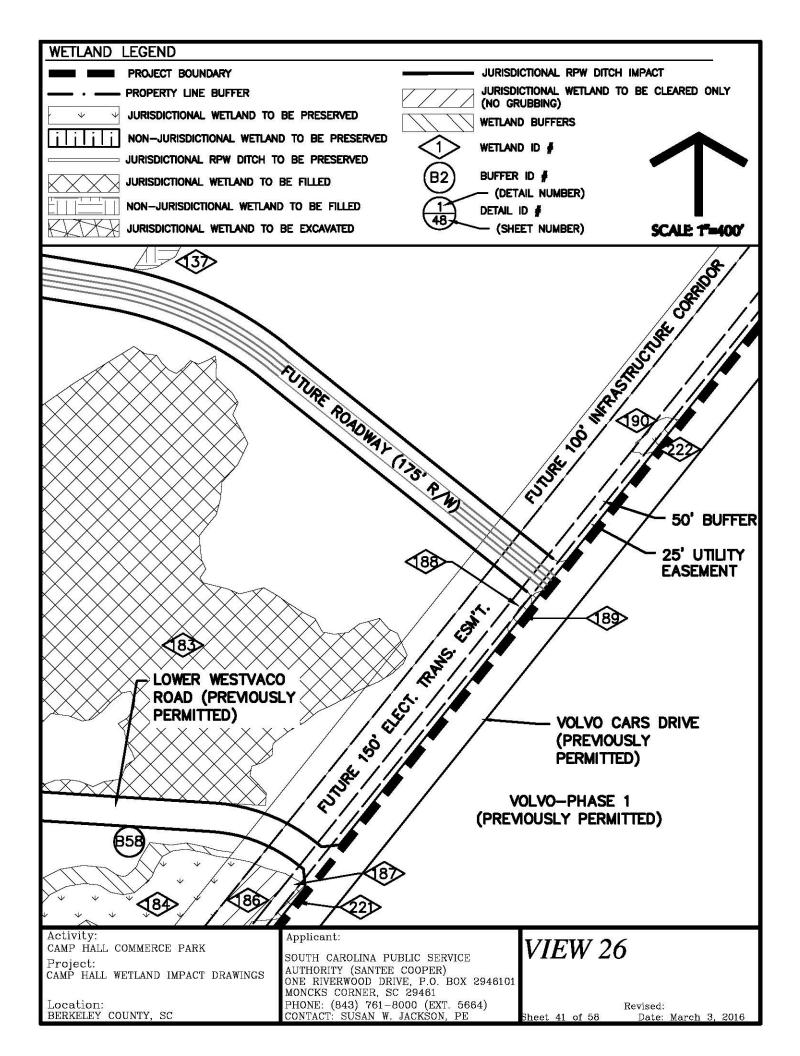
Revised: Date: March 3, 2016

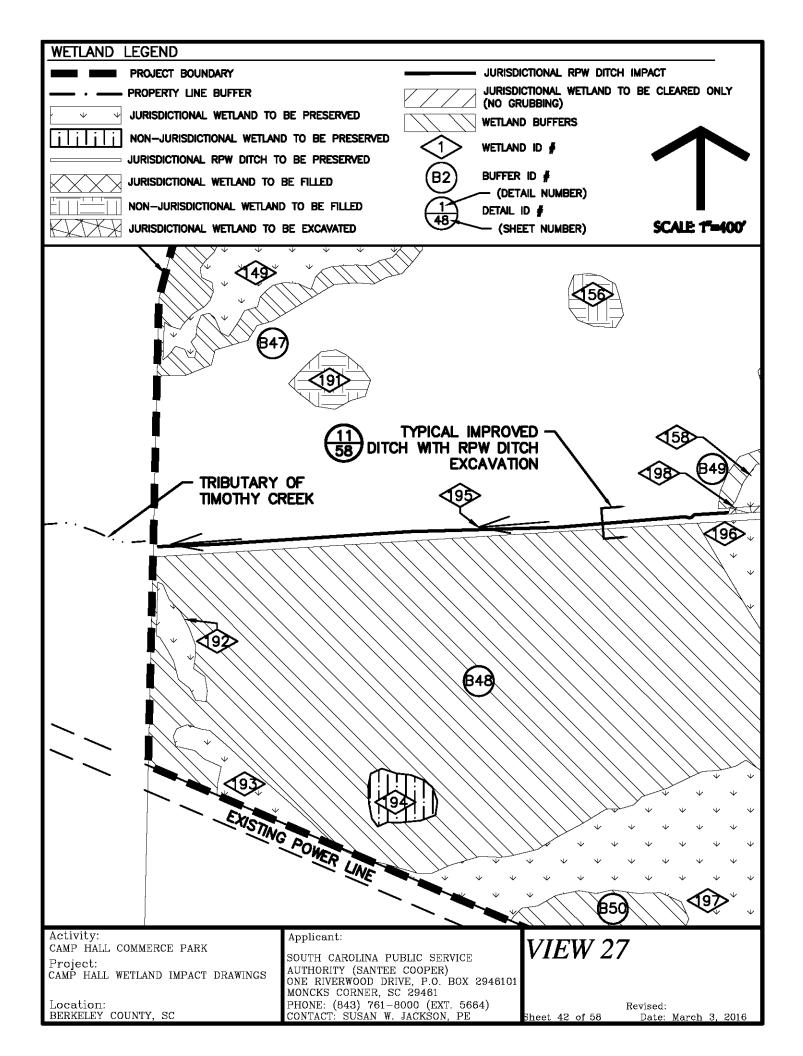


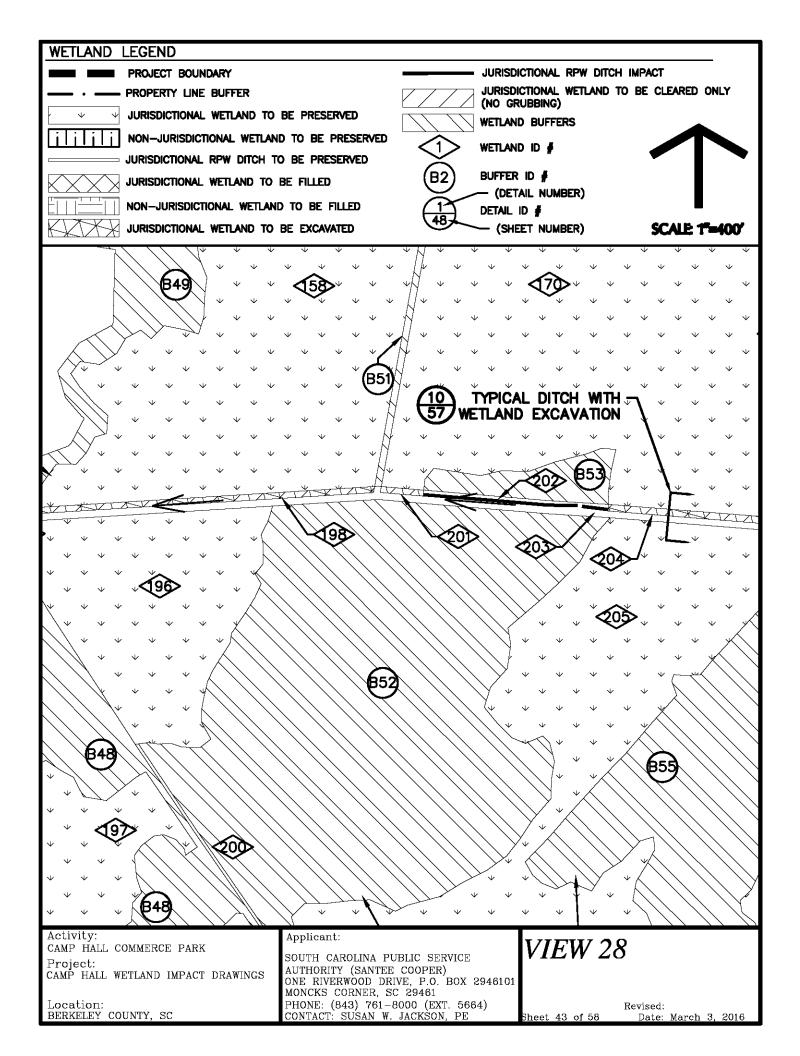


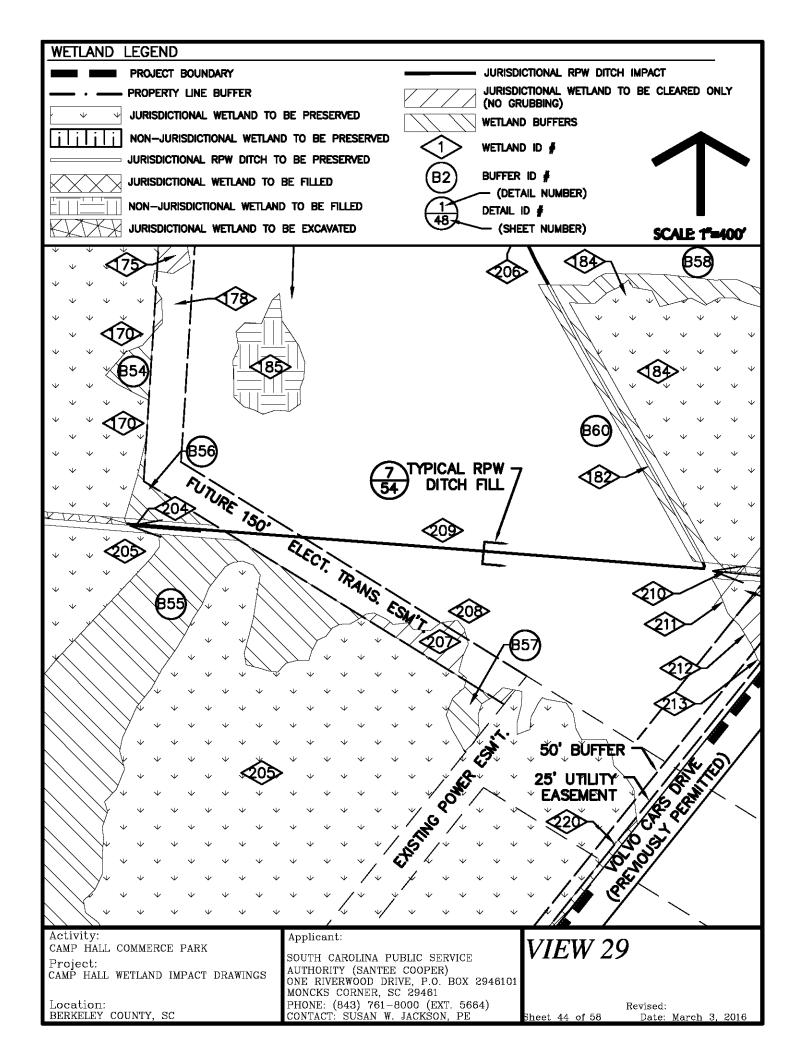


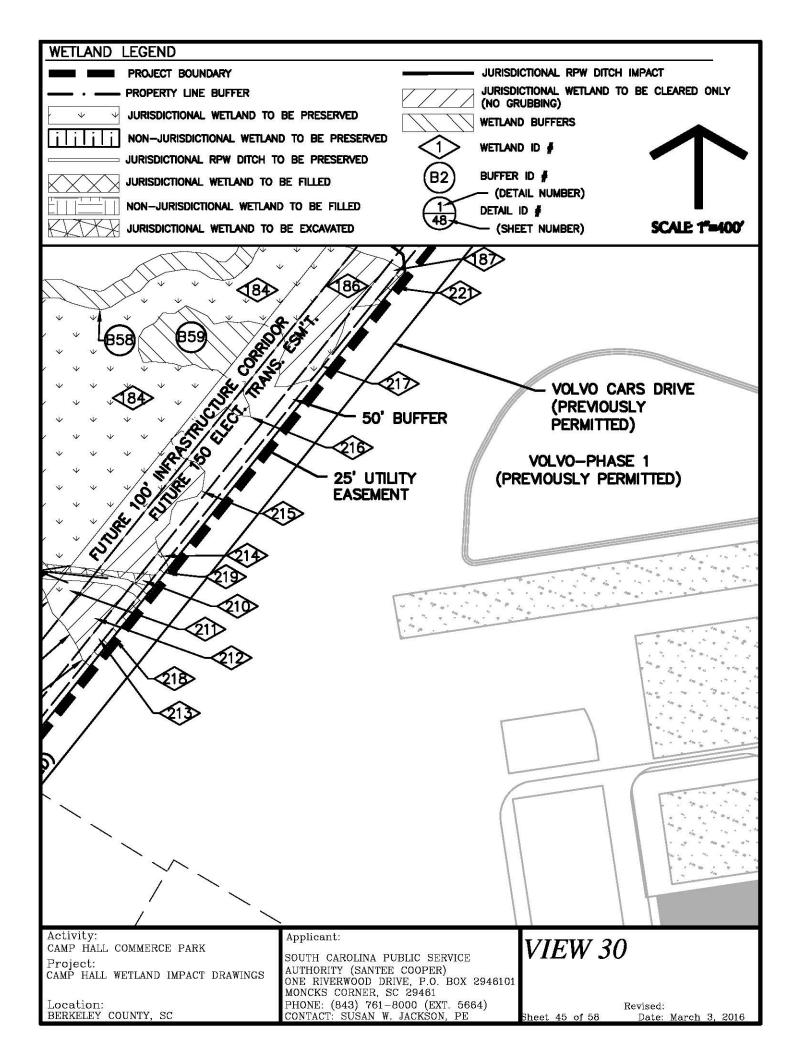


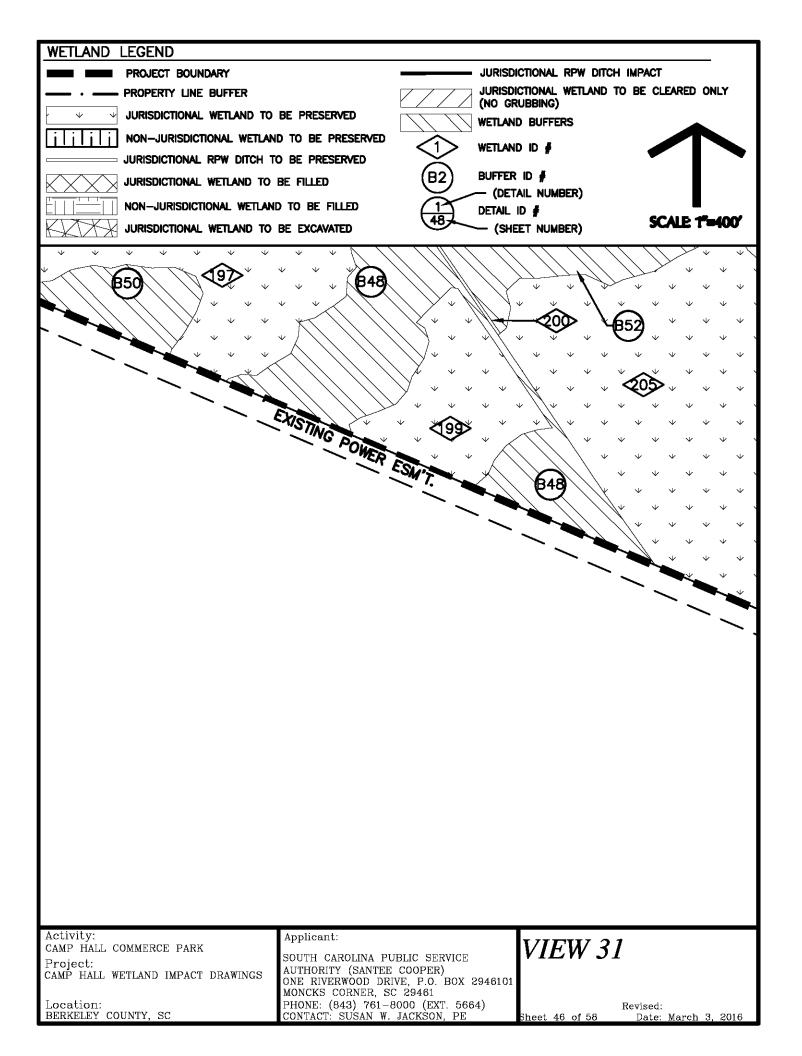


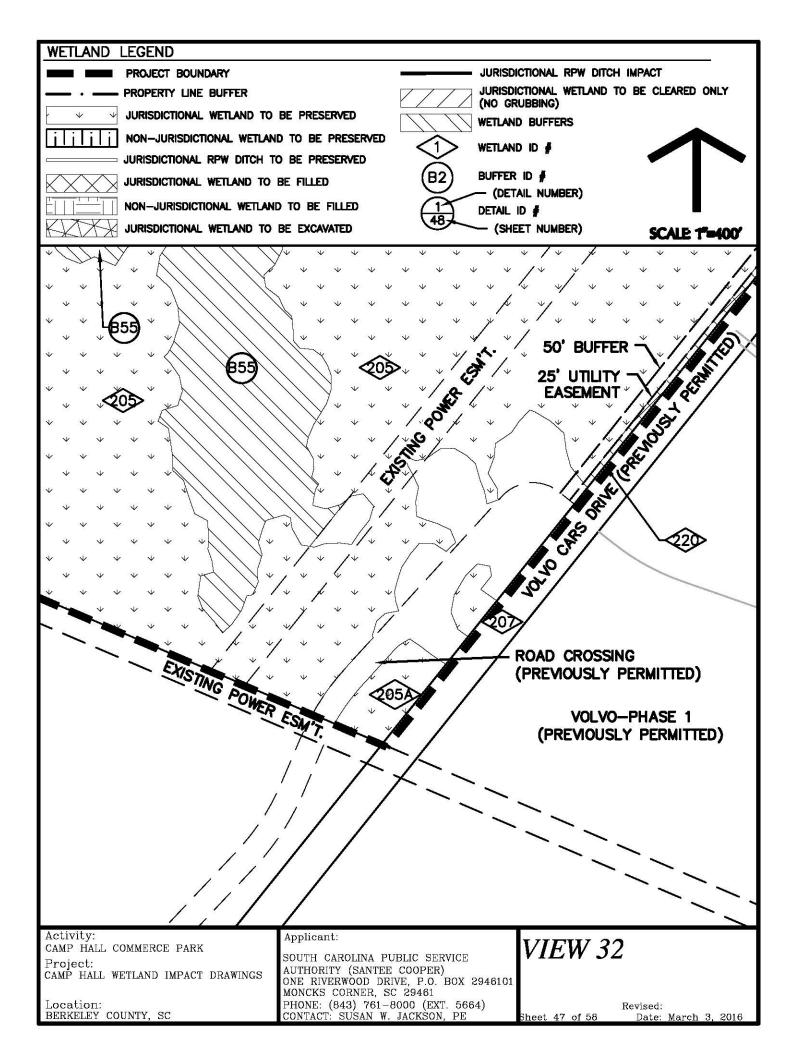


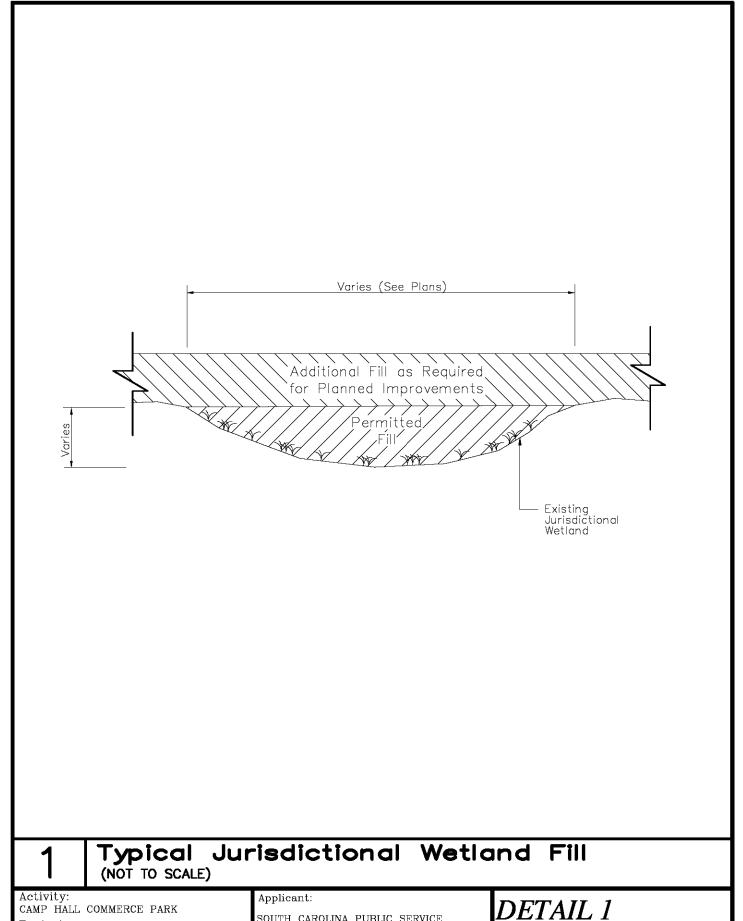












CAMP HALL COMMERCE PARK

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

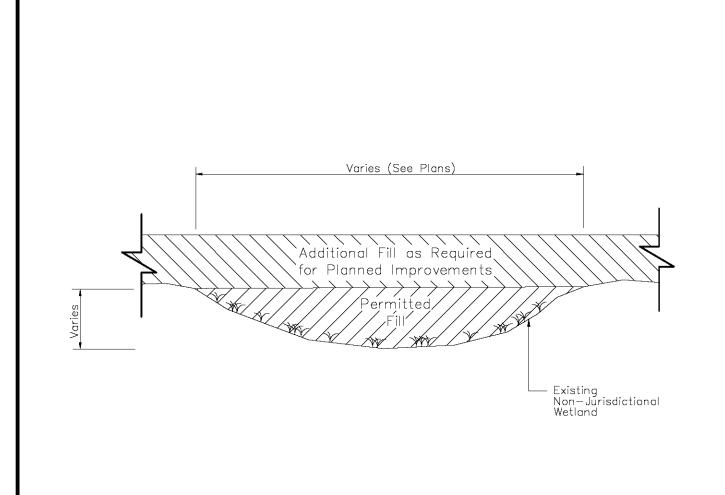
Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)
ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

Sheet 48 of 58

Date: March 3, 2016



Typical Non-Jurisdictional Wetland Fill (NOT TO SCALE)

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER)
ONE RIVERWOOD DRIVE, P.O. BOX 2946101

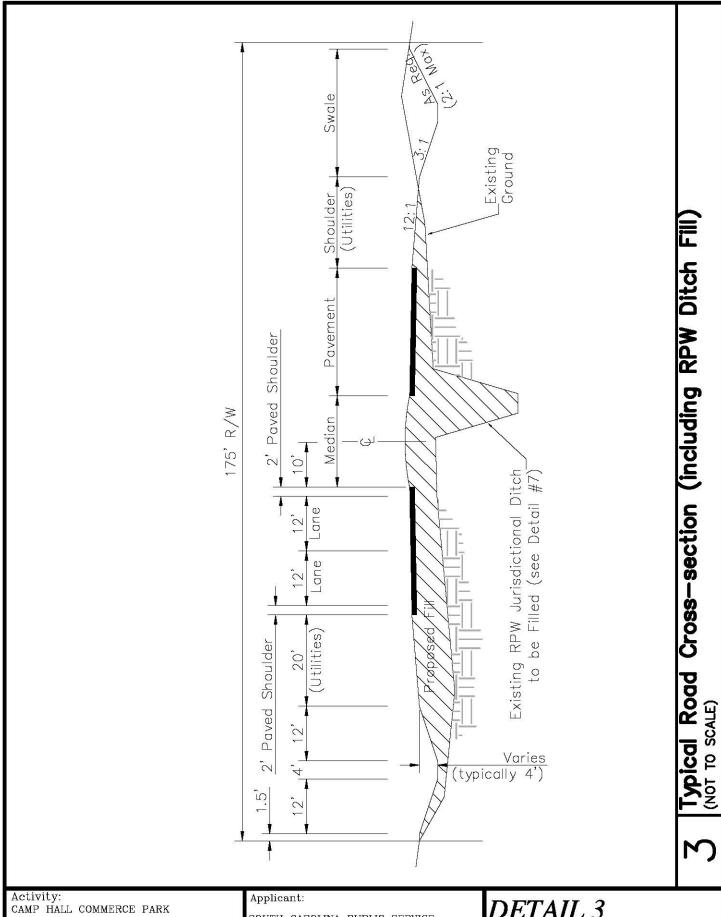
MONCKS CORNER, SC 29461 PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

Sheet 49 of 58

DETAIL 2

Revised:

Date: March 3, 2016



Project: CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

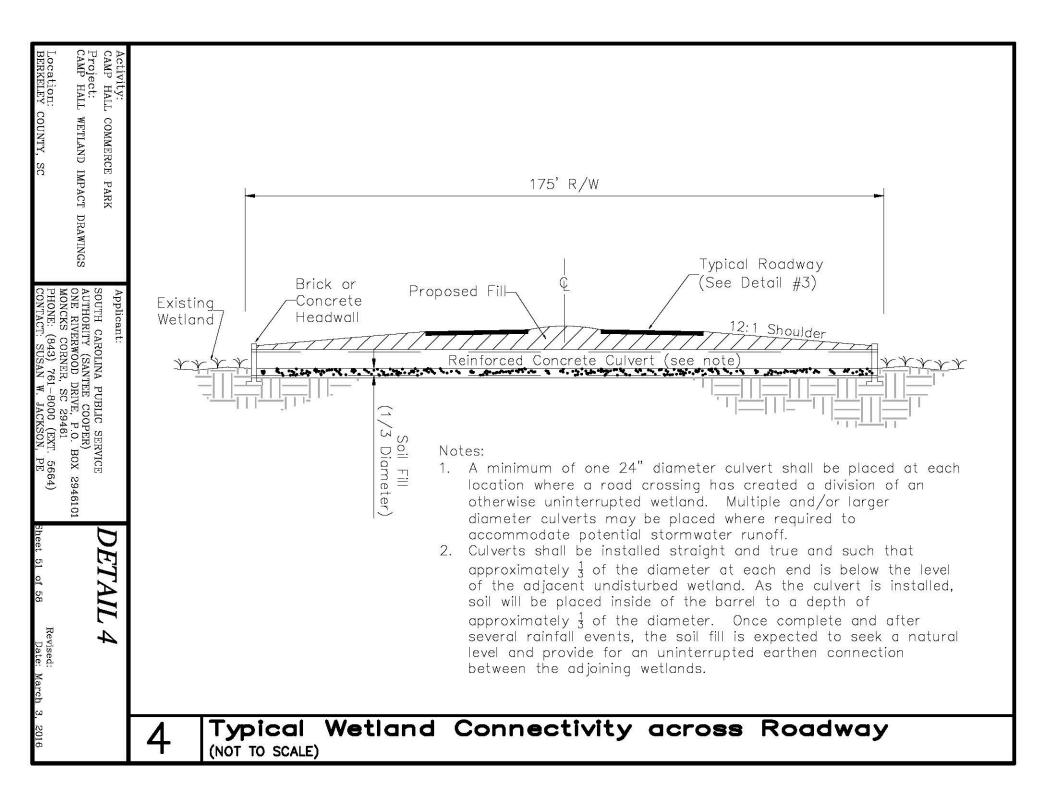
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

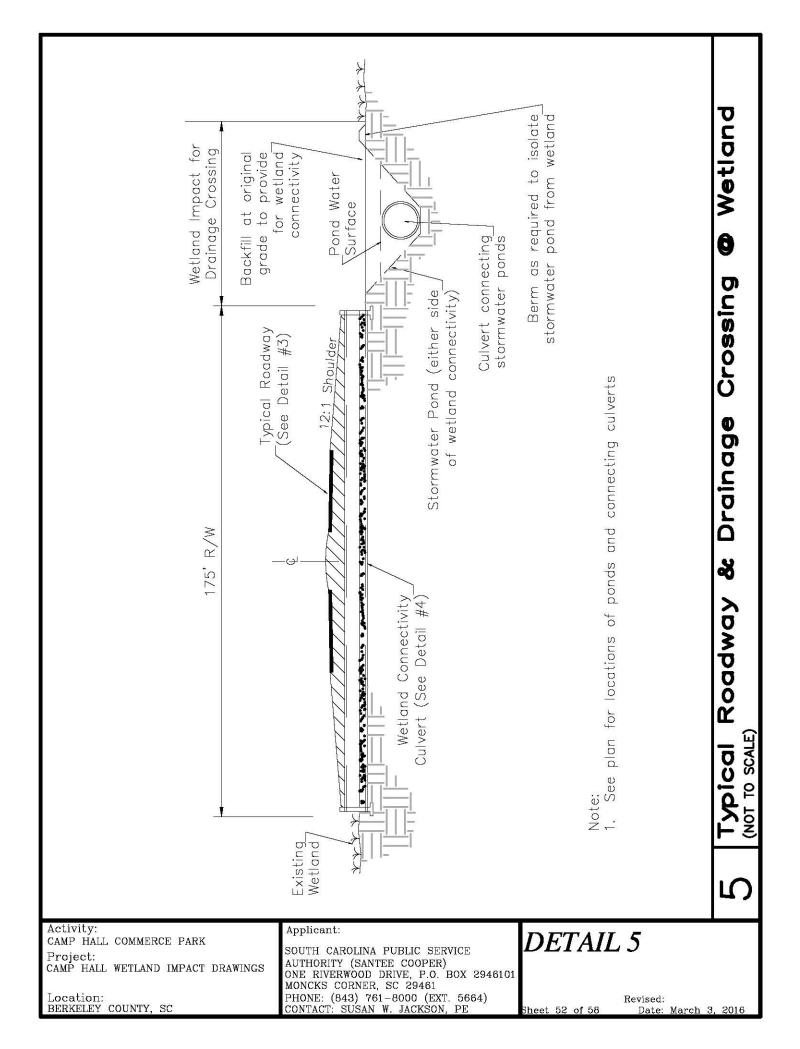
PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

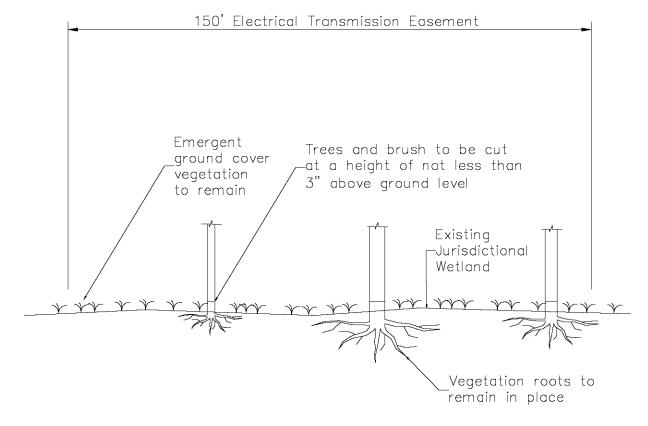
DETAIL 3

Sheet 50 of 58

Date: March 3, 2016







Note:

1. No fill or excavation of wetlands is to occur within electrical transmission easement except where otherwise shown in this permit application.

Typical Clearing Only Wetland Impact for Electrical Transmission Easements

(NOT TO SCALE)

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

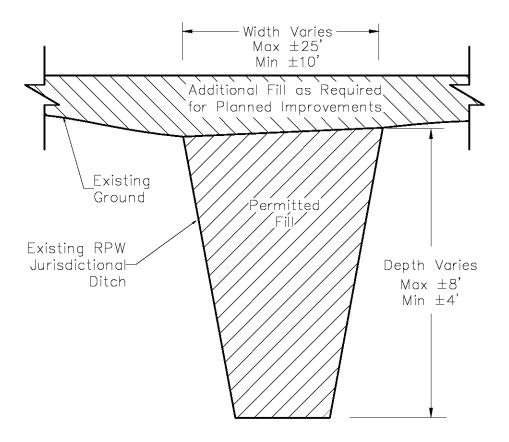
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

DETAIL 6

Revised:

Sheet 53 of 58 Date: March 3, 2016



Notes:

1. Runoff flow previously carried by RPW Ditches to be impacted will be maintained by diverting to new stormwater facilities except those instances where blocking ditch flow is part of an approved wetland restoration plan.

7 Typical RPW Ditch Fill (NOT TO SCALE)

Activity:

CAMP HALL COMMERCE PARK

Project:

CAMP HALL WETLAND IMPACT DRAWINGS

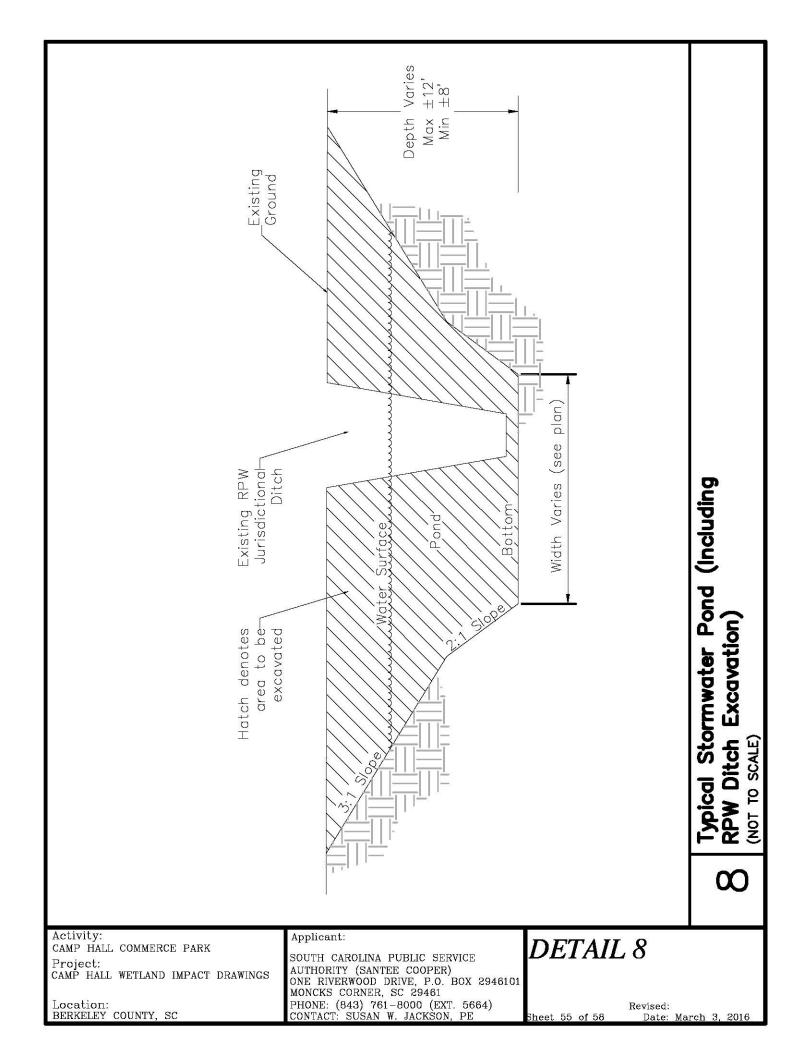
Location: BERKELEY COUNTY, SC Applicant:

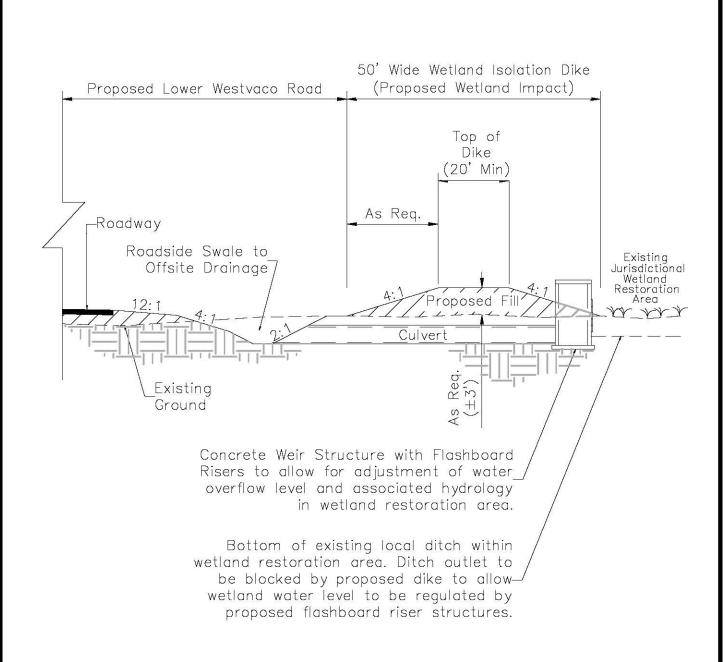
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461

PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE DETAIL 7

Revised: Sheet 54 of 58 Date:

Revised: Date: March 3, 2016





Note:

1. Flashboard riser structures are to be located at local low points of existing wetland to provide for maximum range of control of water level and associated wetland hydrology.

Typical Wetland Isolation Dike (including Flashboard Riser Overflow) (NOT TO SCALE)

Activity: CAMP HALL COMMERCE PARK Project:

CAMP HALL WETLAND IMPACT DRAWINGS

Location: BERKELEY COUNTY, SC

Applicant:

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (SANTEE COOPER) ONE RIVERWOOD DRIVE, P.O. BOX 2946101 MONCKS CORNER, SC 29461 PHONE: (843) 761-8000 (EXT. 5664) CONTACT: SUSAN W. JACKSON, PE

DETAIL 9

Revised: Sheet 56 of 58 Date: March 3, 2016

