

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-2020-01616

July 13, 2021

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 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. Ryan Snitker
Duke Energy Carolinas, LLC
526 S. Church Street
Charlotte, North Carolina 28202

for a permit to improve an existing recreational facility in

Lake Wateree

at a location at Colonels Creek Access Area along River Road, Fairfield County, South Carolina (Latitude: 34.3685 °, Longitude: -80.7978 °), Longtown 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 that would occur below the 225.5' full pool elevation of Lake Wateree would consist of improving a swimming area, constructing sidewalks with picnic areas, replacing a retaining wall, grading, and constructing a courtesy dock. In detail, the proposed work would include removal and replacement of 150 linear feet of retaining wall. Work proposed in the area

below the full pool elevation and above the retaining wall would include the placement of 16.3 cubic yards of fill material within 0.006 acre, grading of 0.074 acre, and installation of a sidewalk with 35 cubic yards of concrete placed within a 0.027 acre area. Below the retaining wall, a new swimming area would be created through the placement of 123 cubic yards of clean sand over 0.322 acre. Rip-rap would also be used to flank the swimming area and would include 26 cubic yards of fill over 0.025 acre. A courtesy dock and sloping abutment of 100' x 8' would be installed with 4.2 cubic yards of concrete. The applicant has not proposed to mitigate for impacts to wetlands and/or waters of the United State. Per the applicant, the project purpose is to improve an existing recreational facility.

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 0.47 acres 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)(f)(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. 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
Jarrett Cellini-Northwest Branch**

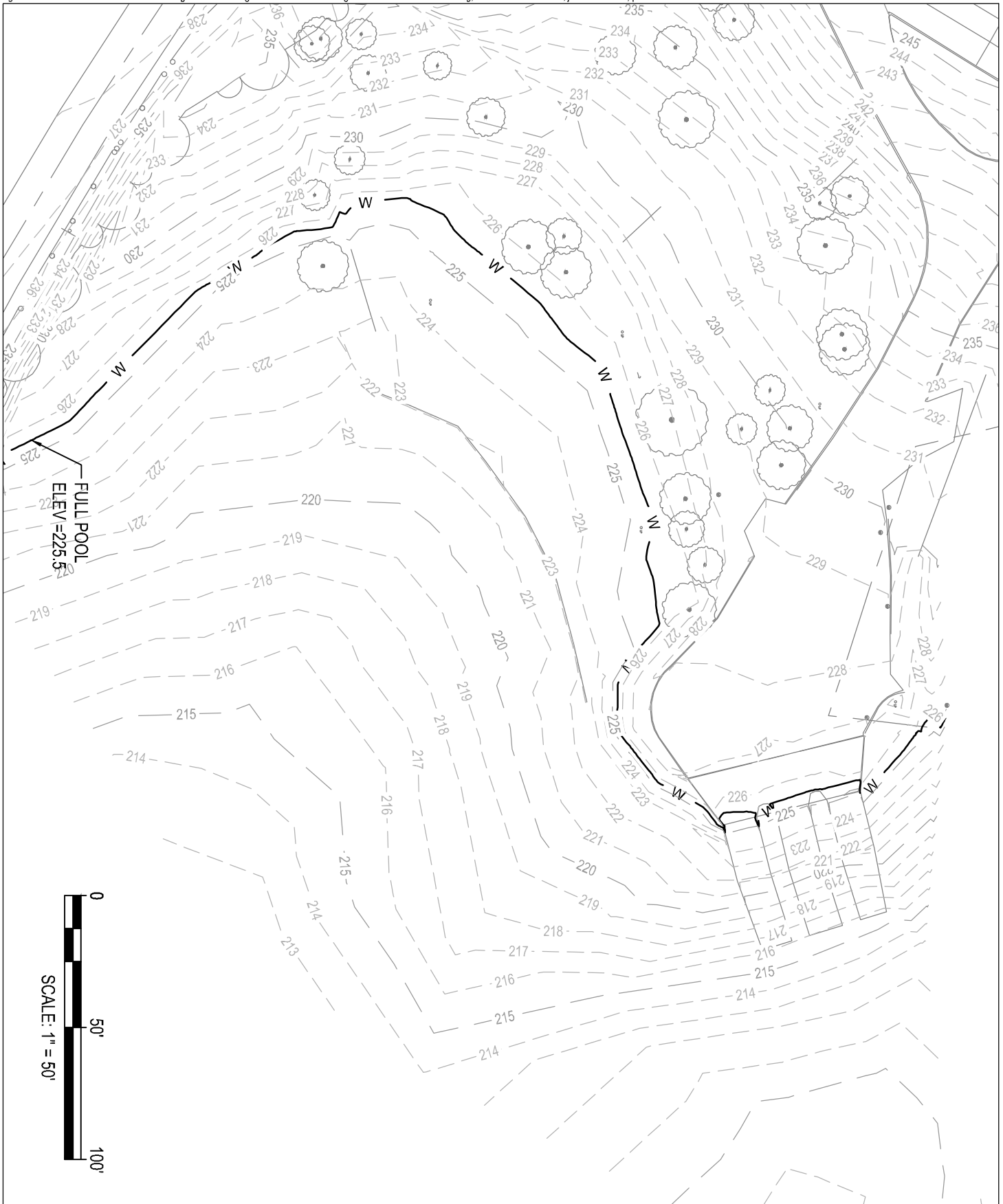
**69A Hagood Avenue
Charleston, South Carolina 29403**

If there are any questions concerning this public notice, please contact Jarrett Cellini at (803) 253-3916 or by email (preferred) at Jarrett.B.Cellini@usace.army.mil.



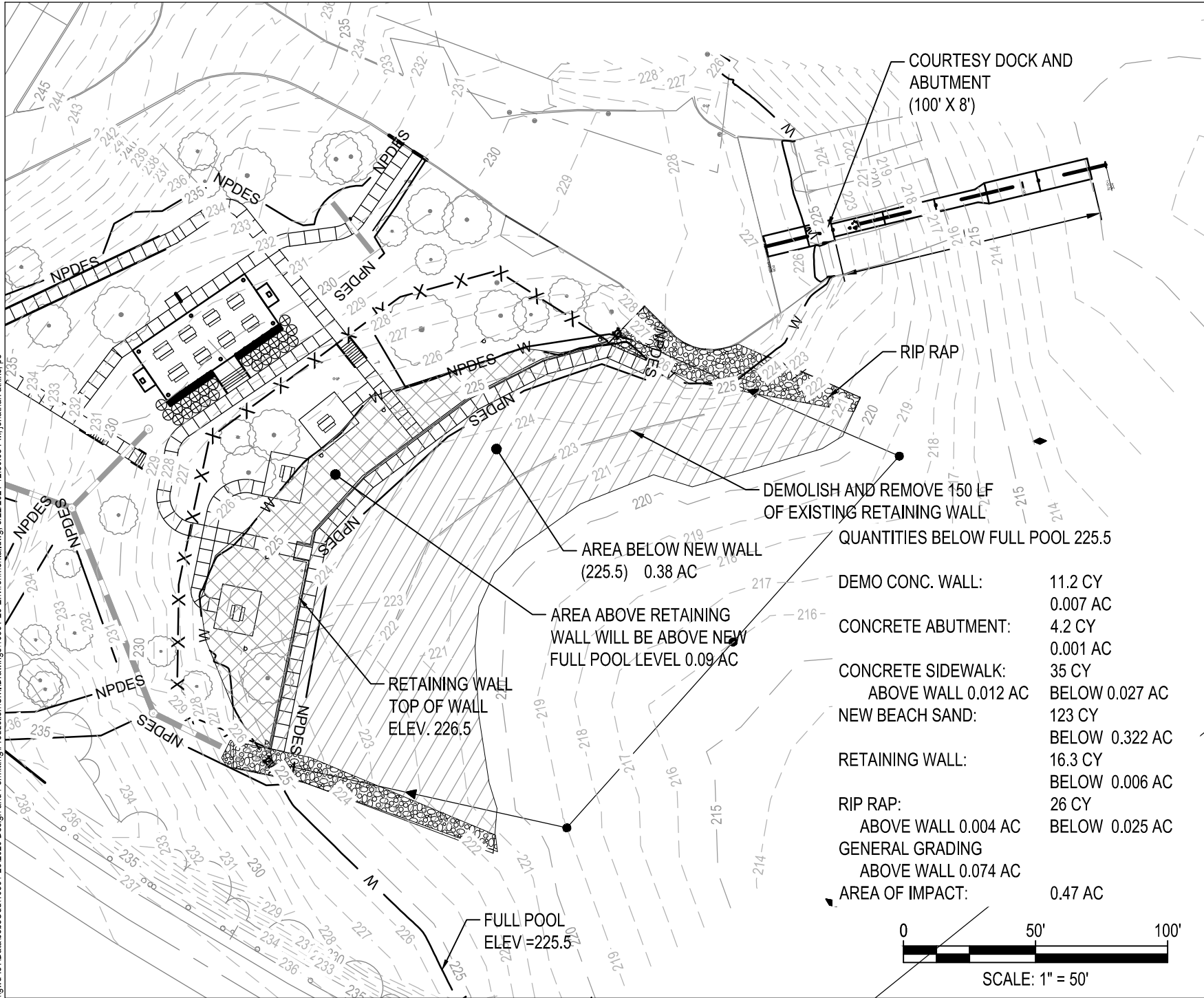
PROJECT FOR DUKE ENERGY CORPORATION
 COLONELS CREEK ACCESS AREA
 LAKE WATERREE
 FAIRFIELD COUNTY, SOUTH CAROLINA

DESIGNED JSA	CHECKED JSA	OWNER DUKE ENERGY CORPORATION	DRAWING TITLE COVER SHEET	DATE APRIL 2020
DRAWN KMS	APPROVED BPR	PROJECT TITLE COLONELS CREEK ACCESS AREA UPGRADES	SKETCH REFERENCE SHEET X-XXX	JOB NO. 010561.26
DAVIS & FLOYD SINCE 1954 WWW.DAVISFLOYD.COM		PROJECT LOCATION FAIRFIELD COUNTY, SOUTH CAROLINA		CS

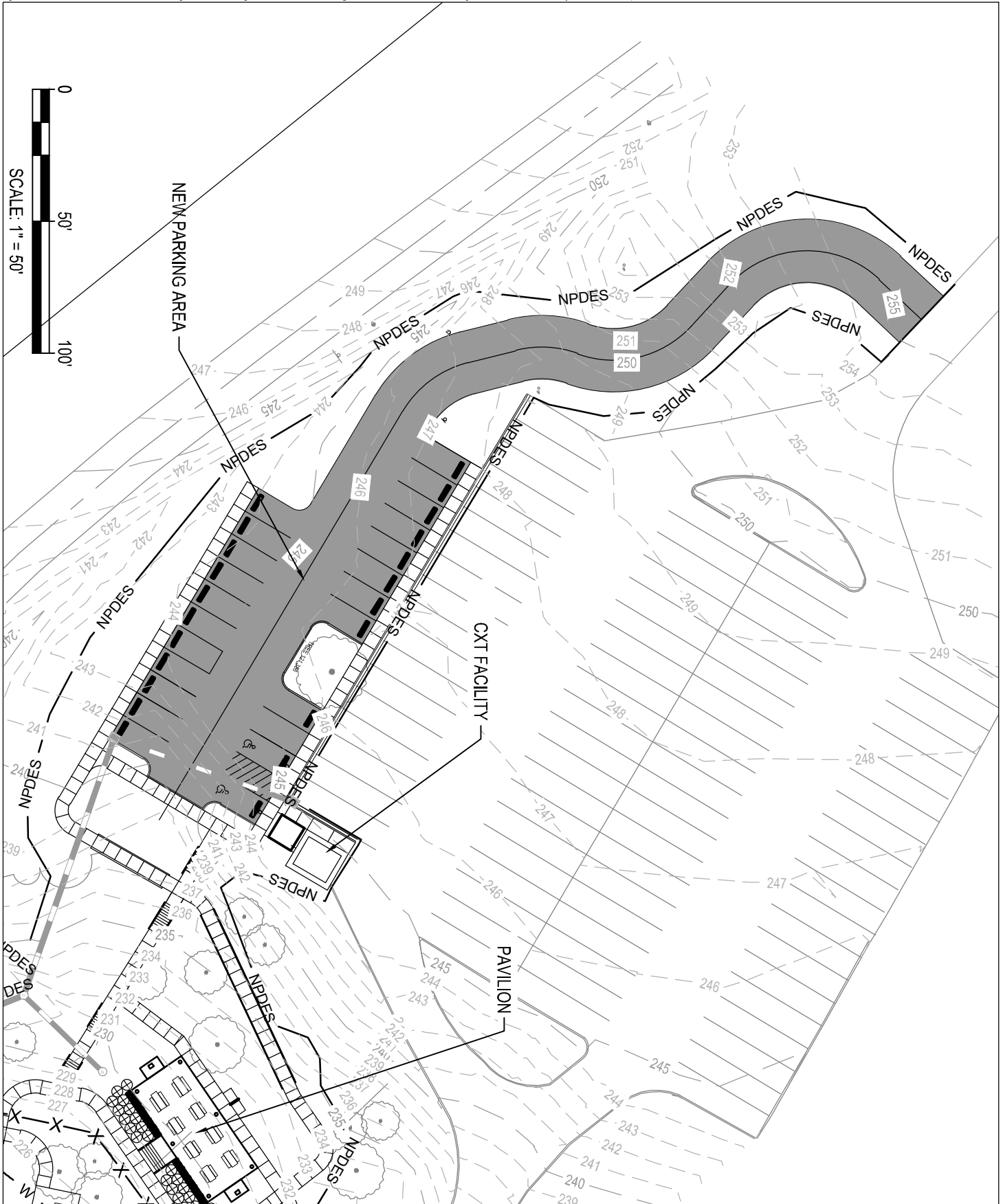


DESIGNED JSA	CHECKED JSA	OWNER DUKE ENERGY CORPORATION	DRAWING TITLE EXISTING CONDITIONS	DATE APRIL 2020
DRAWN KMS	APPROVED BPR	PROJECT TITLE COLONELS CREEK ACCESS AREA UPGRADES	SKETCH REFERENCE SHEET X-XXX	JOB NO. 010561.26
DAVIS & FLOYD SINCE 1954 WWW.DAVISFLOYD.COM		PROJECT LOCATION FAIRFIELD COUNTY, SOUTH CAROLINA		C100

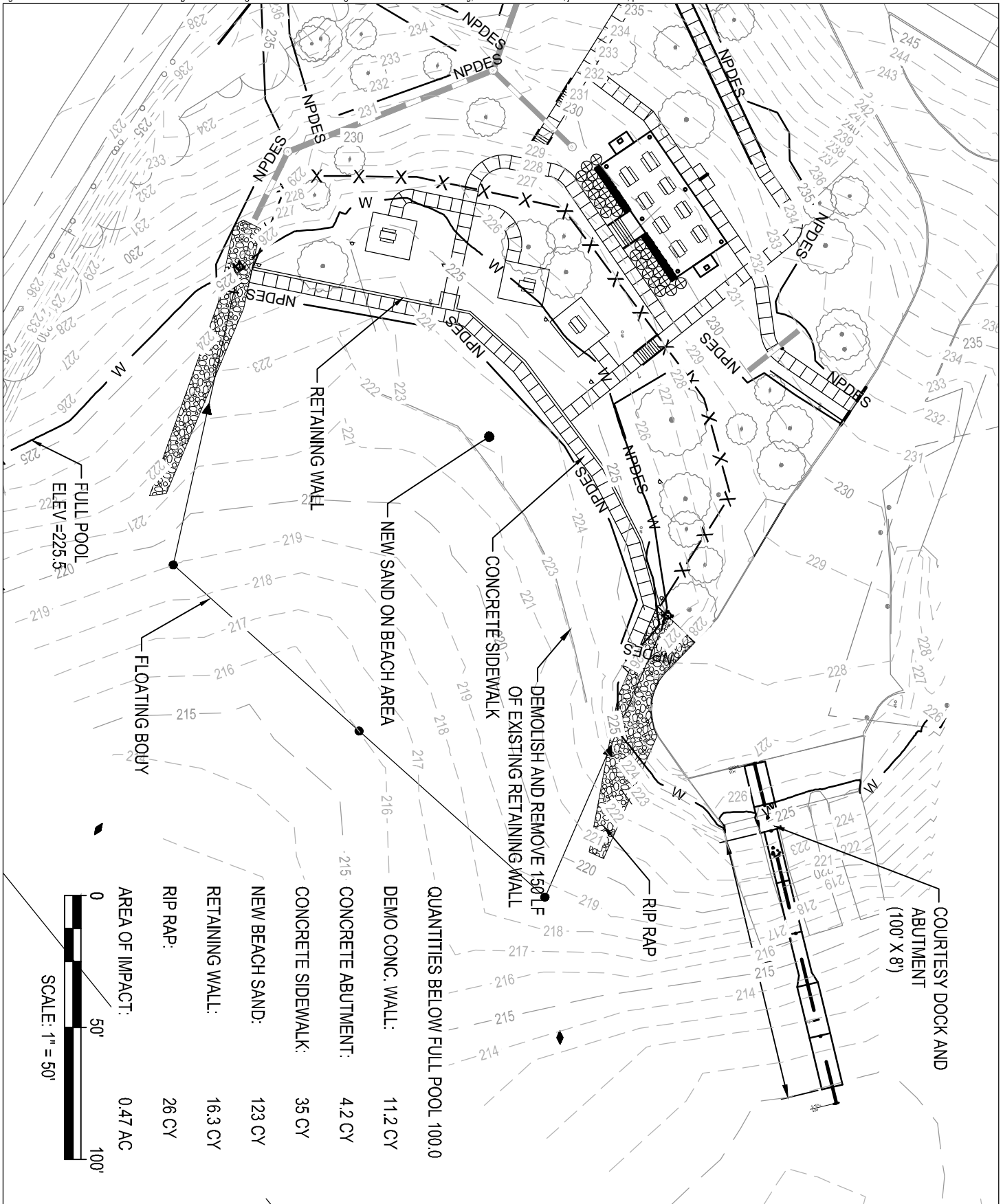
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DESIGNED JSA	CHECKED JSA	OWNER DUKE ENERGY CORPORATION		DRAWING TITLE C102 SITE PLAN	DATE APRIL 2020
		PROJECT TITLE COLONELS CREEK ACCESS AREA UPGRADES			
DRAWN KMS	APPROVED BPR	PROJECT LOCATION FAIRFIELD COUNTY, SOUTH CAROLINA		SKETCH REFERENCE SHEET X-XXX	PAGE 5 OF 7
		DAVIS & FLOYD SINCE 1984 WWW.DAVISANDFLOYD.COM			

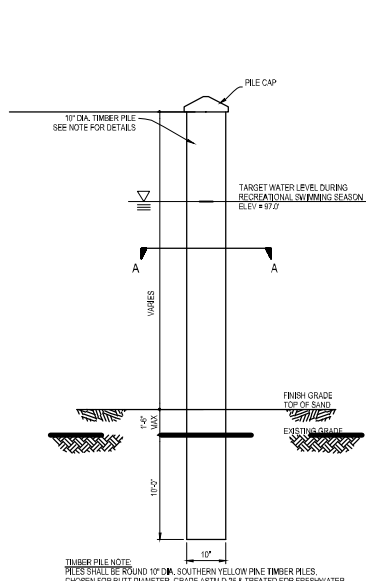


DESIGNED JSA	CHECKED JSA	OWNER DUKE ENERGY CORPORATION	DRAWING TITLE SITE PLAN	DATE APRIL 2020
DRAWN KMS	APPROVED BPR	PROJECT TITLE COLONELS CREEK ACCESS AREA UPGRADES		JOB NO. 010561.26
DAVIS & FLOYD SINCE 1954 WWW.DAVISFLOYD.COM		PROJECT LOCATION FAIRFIELD COUNTY, SOUTH CAROLINA	SKETCH REFERENCE SHEET X-XXX	C101 PAGE 3 OF 7



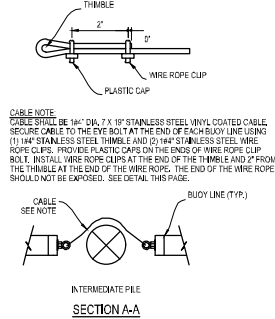
DESIGNED JSA	CHECKED JSA	OWNER DUKE ENERGY CORPORATION	DRAWING TITLE SITE PLAN	DATE APRIL 2020
DRAWN KMS	APPROVED BPR	PROJECT TITLE COLONELS CREEK ACCESS AREA UPGRADES	SKETCH REFERENCE SHEET X-XXX	JOB NO. 010561.26
DAVIS & FLOYD SINCE 1954 www.davisfloйд.com		PROJECT LOCATION FAIRFIELD COUNTY, SOUTH CAROLINA		C102A

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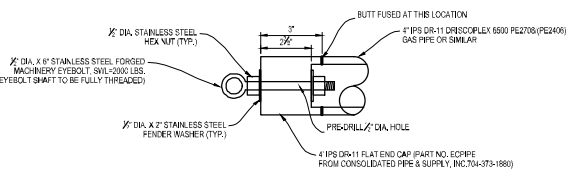


TIMBER PILE NOTE:
 PILES SHALL BE ROUND 10" DIA. SOUTHERN YELLOW PINE TIMBER PILES. CHOOSE FOR BUTT JOINTS, GRADE ASTM D 25 & TREATED FOR FRESHWATER USE AND COATED WITH TUMBER GUARD (GREY IN COLOR). STANDARDS: (GSI COA, ANPA C3, DRIVE PILES TO MINIMUM 1/3 TON CAPACITY AND 10' SUBMERGED BELOW EXISTING GRADE. SEE SPECIFICATION SECTION 02459 TIMBER PILES FOR ADDITIONAL INFORMATION.

TIMBER PILE BUOY ANCHOR
 NO SCALE
 SHOWN AS A ▲ ON C106

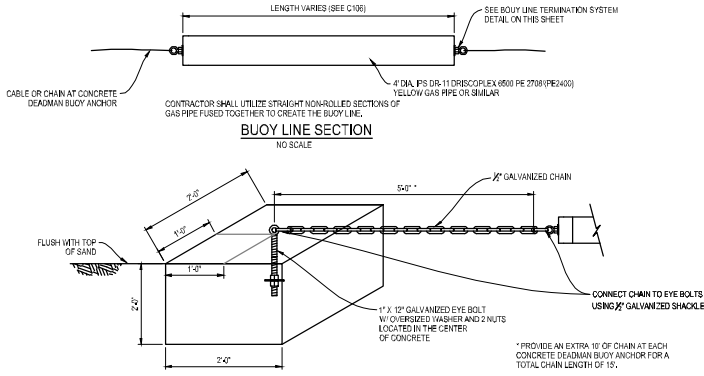


CABLE NOTE:
 CABLE SHALL BE 1/4" DIA. 7 X 19 STAINLESS STEEL VINYL COATED CABLE. SECURE CABLE TO THE EYE BOLT AT THE END OF EACH BUOY LINE USING (1) 1/4" STAINLESS STEEL THIMBLE AND (2) 1/4" STAINLESS STEEL WIRE ROPE CLIPS. PROVIDE PLASTIC CAPS ON THE ENDS OF WIRE ROPE CLIP BOLT. INSTALL WIRE ROPE CLIPS AT THE END OF THE THIMBLE AND 2" FROM THE THIMBLE AT THE END OF THE WIRE ROPE. THE END OF THE WIRE ROPE SHOULD NOT BE EXPOSED. SEE DETAIL THIS PAGE.



END CAP NOTE:
 1. THE END CAP SHALL BE WATER TIGHT. CAULK SHALL BE APPLIED IN THE PRE-DRILLED HOLE BEFORE THE EYE BOLT IS INSERTED.
 2. HEX NUTS ARE TO BE ADEQUATELY TORQUED AND SECURED. REPLACE USING PERMANENT STRENGTH THIMBLE LOCKER OR APPROVED EQUAL.
 3. SUBSTITUTIONS TO THE HARDWARE SHOWN FOR THE BUOY LINE TERMINATION SYSTEM ARE TO BE SUBMITTED TO DUKE ENERGY FOR APPROVAL PRIOR TO THEIR USE.

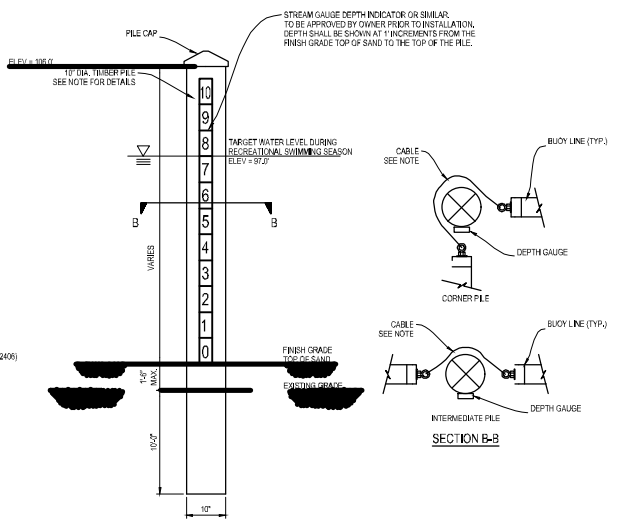
BUOY LINE TERMINATION SYSTEM
 NO SCALE



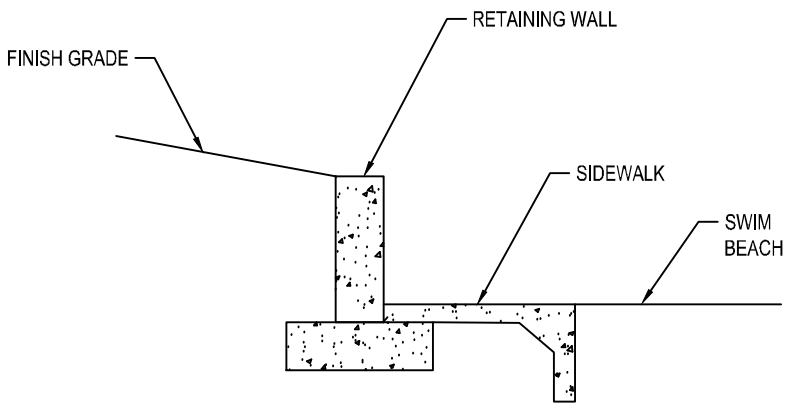
CONCRETE DEADMAN BUOY ANCHOR
 NO SCALE

BUOY LINE SECTION
 NO SCALE

CONTRACTOR SHALL UTILIZE STRAIGHT NON-RALLED SECTIONS OF GAS PIPE FUSED TOGETHER TO CREATE THE BUOY LINE.



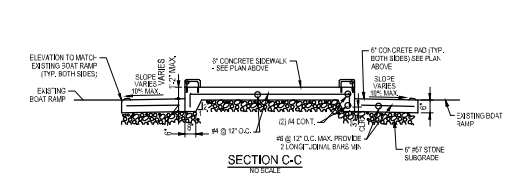
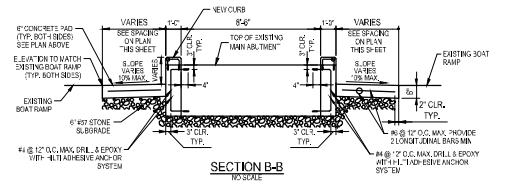
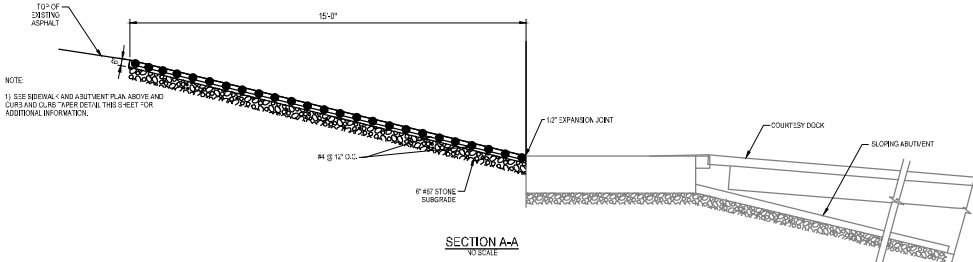
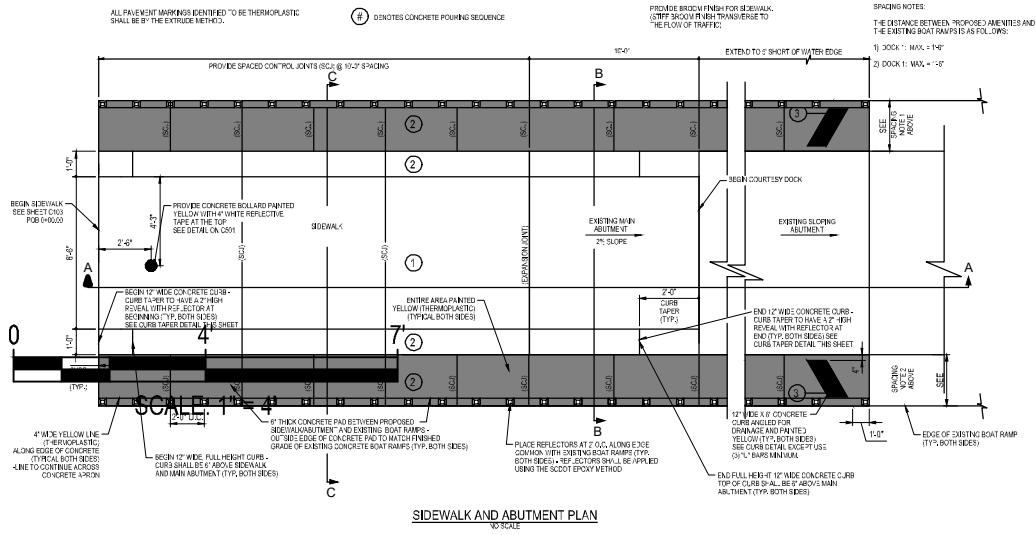
WATER DEPTH GAUGE
 NO SCALE
 SHOWN AS A ● ON C106



BEACH AREA RETAINING WALL
 NO SCALE

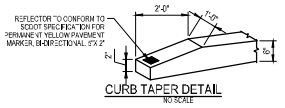
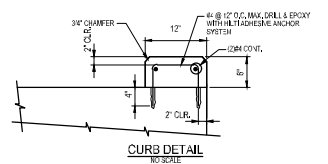
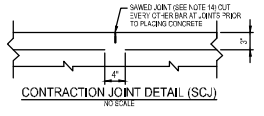
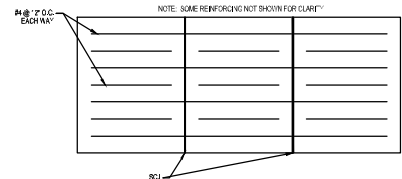
DESIGNED	JSA	CHECKED	JSA	OWNER	DUKE ENERGY CORPORATION	DRAWING TITLE	SWIM BEACH DETAILS	DATE	APRIL 2020
DRAWN	KMS	APPROVED	BPR	PROJECT TITLE	COLONELS CREEK ACCESS AREA UPGRADES	DRAWING TITLE	SWIM BEACH DETAILS	JOB NO.	010561_26
DAVIS & FLOYD		DAVIS & FLOYD		PROJECT LOCATION	FAIRFIELD COUNTY, SOUTH CAROLINA	SKETCH REFERENCE		C103	
SINCE 1964		SINCE 1964				SHEET X-XXX		PAGE 6 OF 7	
WWW.DAVISANDFLOYD.COM		WWW.DAVISANDFLOYD.COM							

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- ### EARTHWORK NOTES
- 1) CONCRETE AND SIDEWALK HAVE BEEN DESIGNED FOR 2000 PSF ALLOWABLE SOIL BEARING CAPACITY. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE SOIL BEARING CAPACITY.
 - 2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL SERVICE AND UTILITY LINES ON THE SITE PRIOR TO BEGINNING EXCAVATION.
 - 3) EXCAVATIONS REQUIRING MORE THAN 4 FEET OF SOIL REMOVAL SHALL BE ADEQUATELY SHORED OR LAID BACK TO PREVENT SIDE WALL CAVING OR COLLAPSE.
 - 4) IF BOTTOM OF CONCRETE OR SIDEWALK EXCAVATION IS FOUND TO BE INADEQUATE TO PROVIDE THE DESIGN SOIL BEARING CAPACITY, THEN THE AREAS IN QUESTION SHALL BE UNDERCUT AND REPLACED WITH COMPACTED NO. 57 STONE.
 - 5) THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF SUBSURFACE CONDITIONS ARE FOUND TO DEVIATE FROM THESE DRAWINGS.

- ### CAST-IN-PLACE CONCRETE
- 1) SUBMITTALS: SEE SPECIFICATIONS.
 - 2) COMPLY WITH ASTM C 94/ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS," ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," AND CRSI'S MANUAL OF STANDARD PRACTICE, (LATEST EDITIONS)
 - 3) DEFORMED REINFORCING BARS: ASTM A615, GRADE 60.
 - 4) PORTLAND CEMENT: ASTM 185, TYPE II.
 - 5) FLY ASH: ASTM C 618, TYPE F (LIMITED TO 20% OF TOTAL CEMENT CONTENT).
 - 6) PROPORTION NORMAL WEIGHT CONCRETE MIXES TO PROVIDE THE FOLLOWING PROPERTIES:
 - A. COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS FOR ALL CONCRETE
 - B. WATER-CEMENT RATIO: 0.45 MAXIMUM AT POINT OF PLACEMENT FOR SLABS ON GRADE
 - C. AIR CONTENT: 5% TO 7.0% FOR CONCRETE EXPOSED TO FREEZING AND THAWING
 - 7) UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE "ACI DETAILING MANUAL-2004".
 - 8) ALL REINFORCING BAR SPICE LENGTHS AND LOCATIONS, EMBEDMENT LENGTHS, HOOKS, ETC. SHALL BE MADE AS SHOWN ON THE DRAWINGS. DEVIATIONS SHALL ONLY BE MADE UPON APPROVAL OF THE ENGINEER.
 - 9) PROVIDE CLASS B LAP SPICES IN ACCORDANCE WITH "ACI DETAILING MANUAL-2004", TABLE 7(A) OF THE "SUPPORTING REFERENCE DATA" SECTION UNLESS NOTED OTHERWISE.
 - 10) UNLESS OTHERWISE NOTED, CHAMFER ALL EXPOSED CONCRETE CORNERS WITH A 3/4 INCH X 45 DEGREE CHAMFER.
 - 11) CROSS REFERENCE ALL CONSTRUCTION DOCUMENTS FOR DIMENSIONS AND LOCATIONS NOT SPECIFICALLY SHOWN. INFORM THE ENGINEER IN WRITING OF MISSING INFORMATION OR CONFLICTS.
 - 12) DO NOT ADD WATER TO CONCRETE DURING DELIVERY, AT PROJECT SITE OR DURING PLACEMENT UNLESS APPROVED BY THE ENGINEER.
 - 13) PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH DUE TO WEATHER EXTREMES DURING MIXING, PLACING AND CURING.
 - 14) FORM 1/8" WIDE CONTRACTION JOINTS 2 1/2" DEEP WITH POWER SAWS WHEN CUTTING ACTION WILL NOT TEAR, ABRASE OR OTHERWISE DAMAGE CONCRETE SURFACE AND BEFORE CONCRETE DEVELOPS RANDOM CONTRACTION JOINTS.
 - 15) BEGIN CURING UNIFORMED CONCRETE AFTER FINISHING. KEEP CONCRETE CONTINUOUSLY MOIST FOR AT LEAST 7 DAYS OR APPLY MEMBRANE FORMING CURING COMPOUND TO CONCRETE.
 - 16) AN INDEPENDENT TESTING AGENCY SHALL BE RETAINED TO PERFORM TESTING AND TO SUBMIT TEST REPORTS.
 - 17) PROTECT CONCRETE FROM DAMAGE. REPAIR CONCRETE SURFACE DEFECTS WITH METHODS AND MATERIALS APPROVED BY ENGINEER.
 - 18) ANCHORING ADHESIVE SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SHALL BE HILTI HY 150 MAX INJECTION ADHESIVE ANCHORING SYSTEM OR APPROVED EQUAL.



DESIGNED	JSA	CHECKED	JSA	OWNER	DUKE ENERGY CORPORATION	DATE	APRIL 2020
DRAWN	KMS	APPROVED	BPR	PROJECT TITLE	COLONELS CREEK ACCESS AREA UPGRADES	JOB NO.	010561_26
DAVIS & FLOYD SINCE 1864 WWW.DAVISANDFLOYD.COM				PROJECT LOCATION		DRAWING TITLE	
				FAIRFIELD COUNTY, SOUTH CAROLINA		ABUTMENT DETAILS	
				SKETCH REFERENCE		PAGE 7 OF 7	
				SHEET X-XXX		C104	