



SEE SPECIAL
CONDITION(S)

March 31, 2021

Santee Cooper
Attn: Kevin Driggers
1 Riverwood Drive
Moncks Corner, SC 29461

Re: OCRM03103

91 7199 9991 7030 0138 5533

Dear Mr. Driggers:

The Office of Ocean and Coastal Resource Management (the Department) has reviewed your application to construct a new transmission line at Johns Island substation approx 2.12 miles paralleling the existing Santee Cooper Mateeba-Johns Island transmission ROW, Johns Island, Charleston County, South Carolina and has issued a permit for this work. You should carefully read the description of the authorized project and special conditions that have been placed on the permit, as these conditions may modify the permitted activity. In addition, there are a series of general conditions that should be reviewed. The original and one photocopy of the permit, as issued, are enclosed. After carefully reading the permit, if you wish to accept the permit as issued, sign and date in the signature block entitled "PERMITTEE" on the original version of the permit and **return it to this Department. Keep the photocopy for your records.**

PLEASE READ CAREFULLY: You are required to sign and return the original version of your permit to this Department. If this permit is not signed and returned within thirty (30) days of issuance, OR appealed within 15 days as described on the enclosed "Guide to Board Review", the Department reserves the right to cancel this permit. Please carefully review the enclosed "Guide to Board Review" for information and deadlines for appealing this permit.

We have also enclosed a "request for a construction placard" card. You must send in this card before the time you wish to start construction. At that time a construction placard will be sent to you to post at the construction site.

PLEASE NOTE: You are not authorized to commence work under the permit until we have received the original version of the entire permit signed and accepted by you, and a construction placard has been issued and posted at the construction site. The receipt of this permit does not relieve you of the responsibility of acquiring any other federal, state, or local permits that may be required. Please return the signed permit to the following address:

Office of Ocean and Coastal Resource Management
1362 McMillan Ave, Suite 400
Charleston, SC29405

Sincerely,


Joshua D Hoke
Project Manager
Critical Area Permitting Section

Enclosure

cc: Mr. Blair Williams, Critical Area Permitting Section Manager

South Carolina Board of Health and Environmental Control

Guide to Board Review

Pursuant to S.C. Code Ann. § 44-1-60

The decision of the South Carolina Department of Health and Environmental Control (Department) becomes the final agency decision fifteen (15) calendar days after notice of the decision has been mailed to the applicant, permittee, licensee and affected persons who have requested in writing to be notified, unless a written request for final review accompanied by a filing fee in the amount of \$100 is filed with Department by the applicant, permittee, licensee or affected person.

Applicants, permittees, licensees, and affected parties are encouraged to engage in mediation or settlement discussions during the final review process.

If the Board declines in writing to schedule a final review conference, the Department's decision becomes the final agency decision and an applicant, permittee, licensee, or affected person may request a contested case hearing before the Administrative Law Court within thirty (30) calendar days after notice is mailed that the Board declined to hold a final review conference. In matters pertaining to decisions under the South Carolina Mining Act, appeals should be made to the South Carolina Mining Council.

I. Filing of Request for Final Review

1. A written Request for Final Review (RFR) and the required filing fee of one hundred dollars (\$100) must be received by Clerk of the Board within fifteen (15) calendar days after notice of the staff decision has been mailed to the applicant, permittee, licensee, or affected persons. If the 15th day occurs on a weekend or State holiday, the RFR must be received by the Clerk on the next working day. RFRs will not be accepted after 5:00 p.m.
2. RFRs shall be in writing and should include, at a minimum, the following information:
 - The grounds for amending, modifying, or rescinding the staff decision;
 - a statement of any significant issues or factors the Board should consider in deciding how to handle the matter;
 - the relief requested;
 - a copy of the decision for which review is requested; and
 - mailing address, email address, if applicable, and phone number(s) at which the requestor can be contacted.
3. RFRs should be filed in person or by mail at the following address:
South Carolina Board of Health and Environmental Control
Attention: Clerk of the Board
2600 Bull Street
Columbia, South Carolina 29201
Alternatively, RFR's may be filed with the Clerk by facsimile (803-898-3393) or by electronic mail (boardclerk@dhec.sc.gov).
4. The filing fee may be paid by cash, check or credit card and must be received by the 15th day.
5. If there is any perceived discrepancy in compliance with this RFR filing procedure, the Clerk should consult with the Chairman or, if the Chairman is unavailable, the Vice-Chairman. The Chairman or the Vice-Chairman will determine whether the RFR is timely and properly filed and direct the Clerk to (1) process the RFR for consideration by the Board or (2) return the RFR and filing fee to the requestor with a cover letter explaining why the RFR was not timely or properly filed. Processing an RFR for consideration by the Board shall not be interpreted as a waiver of any claim or defense by the agency in subsequent proceedings concerning the RFR.
6. If the RFR will be processed for Board consideration, the Clerk will send an Acknowledgement of RFR to the Requestor and the applicant, permittee, or licensee, if other than the Requestor. All personal and financial identifying information will be redacted from the RFR and accompanying documentation before the RFR is released to the Board, Department staff or the public.
7. If an RFR pertains to an emergency order, the Clerk will, upon receipt, immediately provide a copy of the RFR to all Board members. The Chairman, or in his or her absence, the Vice-Chairman shall based on the circumstances, decide whether to refer the RFR to the RFR Committee for expedited review or to decline in writing to schedule a Final Review Conference. If the Chairman or Vice-Chairman determines review by the RFR Committee is appropriate, the Clerk will forward a copy of the RFR to Department staff and Office of General Counsel. A Department response and RFR Committee review will be provided on an expedited schedule defined by the Chairman or Vice-Chairman.
8. The Clerk will email the RFR to staff and Office of General Counsel and request a Department Response within eight (8) working days. Upon receipt of the Department Response, the Clerk will forward the RFR and Department Response to all Board members for review, and all Board members will confirm receipt of the RFR to the Clerk by email. If a Board member does not confirm receipt of the RFR within a twenty-four (24) hour period, the Clerk will contact the Board member and confirm receipt. If a Board member believes the RFR should be considered by the RFR Committee, he or she will

respond to the Clerk's email within forty-eight (48) hours and will request further review. If no Board member requests further review of the RFR within the forty-eight (48) hour period, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, stating the Board will not hold a Final Review Conference. Contested case guidance will be included within the letter.

NOTE: If the time periods described above end on a weekend or State holiday, the time is automatically extended to 5:00 p.m. on the next business day.

9. If the RFR is to be considered by the RFR Committee, the Clerk will notify the Presiding Member of the RFR Committee and the Chairman that further review is requested by the Board. RFR Committee meetings are open to the public and will be public noticed at least 24 hours in advance.
10. Following RFR Committee or Board consideration of the RFR, if it is determined no Conference will be held, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, stating the Board will not hold a Conference. Contested case guidance will be included within the letter.

II. Final Review Conference Scheduling

1. If a Conference will be held, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, informing the Requestor of the determination.
2. The Clerk will request Department staff provide the Administrative Record.
3. The Clerk will send Notice of Final Review Conference to the parties at least ten (10) days before the Conference. The Conference will be publically noticed and should:
 - include the place, date and time of the Conference;
 - state the presentation times allowed in the Conference;
 - state evidence may be presented at the Conference;
 - if the conference will be held by committee, include a copy of the Chairman's order appointing the committee; and
 - inform the Requestor of his or her right to request a transcript of the proceedings of the Conference prepared at Requestor's expense.
4. If a party requests a transcript of the proceedings of the Conference and agrees to pay all related costs in writing, including costs for the transcript, the Clerk will schedule a court reporter for the Conference.

III. Final Review Conference and Decision

1. The order of presentation in the Conference will, subject to the presiding officer's discretion, be as follows:
 - Department staff will provide an overview of the staff decision and the applicable law to include [10 minutes]:
 - Type of decision (permit, enforcement, etc.) and description of the program.
 - Parties
 - Description of facility/site
 - Applicable statutes and regulations
 - Decision and materials relied upon in the administrative record to support the staff decision.
 - Requestor(s) will state the reasons for protesting the staff decision and may provide evidence to support amending, modifying, or rescinding the staff decision. [15 minutes] *NOTE: The burden of proof is on the Requestor(s)*
 - Rebuttal by Department staff [15 minutes]
 - Rebuttal by Requestor(s) [10 minutes]

Note: Times noted in brackets are for information only and are superseded by times stated in the Notice of Final Review Conference or by the presiding officer.
2. Parties may present evidence during the conference; however, the rules of evidence do not apply.
3. At any time during the conference, the officers conducting the Conference may request additional information and may question the Requestor, the staff, and anyone else providing information at the Conference.
4. The presiding officer, in his or her sole discretion, may allow additional time for presentations and may impose time limits on the Conference.
5. All Conferences are open to the public.
6. The officers may deliberate in closed session.
7. The officers may announce the decision at the conclusion of the Conference or it may be reserved for consideration.
8. The Clerk will mail the written final agency decision (FAD) to parties within 30 days after the Conference. The written decision must explain the basis for the decision and inform the parties of their right to request a contested case hearing before the Administrative Law Court or in matters pertaining to decisions under the South Carolina Mining Act, to request a hearing before the South Carolina Mining Council. The FAD will be sent by certified mail, return receipt requested.
9. Communications may also be sent by electronic mail, in addition to the forms stated herein, when electronic mail addresses are provided to the Clerk.

The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT**

CRITICAL AREA PERMIT & COASTAL ZONE CONSISTENCY CERTIFICATION

Permittee(s): Santee Cooper

Permit Number(s): OCRM03103

Date of Issuance: May 7, 2021

Expiration Date: May 7, 2026

**SEE SPECIAL
CONDITION(S)**

Location: On and adjacent to Pennys Creek at Johns Island substation approx 2.12 miles paralleling the existing Santee Cooper Mateeba-Johns Island transmission ROW, Johns Island, Charleston County, South Carolina

This permit is issued under the provisions of S. C. Code Ann. Section 48-39-10, et seq., and 23A S.C. Code Ann. Regs. 30-1 through 30-18, *as amended*. **Please carefully read the project description and special conditions that appear on this permit/certification as they will affect the work that is allowed and may modify the work from that shown on the submitted plans. All special conditions attached to the permit will take precedent over submitted plans.** The general conditions are also a part of this permit/certification and should be read in their entirety. The S. C. Contractor's Licensing Act of 1999, enacted as S.C. Code Ann. Section 40-11-5 through 430, requires that all construction with a total cost of \$5,000 or more be performed by a licensed contractor with a valid contractor's license for marine class construction, except for construction performed by a private landowner for strictly private purposes. Your signature on and acceptance of this permit denotes your understanding of the stated law regarding use of licensed contractors. **All listed special and general conditions will remain in effect for the life of the permit. This applies to permittee, future property owners, or permit assignees.**

DESCRIPTION OF THE PROJECT, AS AUTHORIZED

The plans submitted by you, attached hereto, show the work consists of the following: The project consists of installing a new 115kV transmission line approximately 5.17 miles in length connecting the existing Johns Island substation to Dominion Energy's Church Creek-Queensboro transmission line. The new line will be built in accordance with the North American Electric Reliability Corporation standard and mostly parallels existing transmission lines. A new 100' right of way will be established along the proposed route, except where the line parallels the existing SCPSA Mateeba-Johns Island line, requiring an additional 55' of right of way. The transmission lines will be elevated to the same height or higher than the existing transmission lines on metal transmission poles installed via vibratory caisson. The specific long-term impacts to the tidelands critical area is the installation of 12 new transmission poles with base diameters of 3' to 6' and elevations of 75' to 90'. The purpose of the project is to improve reliability of the power grid.

SPECIAL CONDITIONS

1. Once project construction is initiated, it is carried to completion in an expeditious manner in order to minimize the period of disturbance to the environment.
2. Best management practices are implemented during and after all construction work and include the use of silt fences, berms, hay bails or other structures necessary to control erosion and sedimentation in estuarine waters.
3. Provided floating barge mats are used to access wetland areas.
4. Upon completion of construction activities, all disturbed areas, including those impacted for access, are immediately restored to pre-project elevations. Restored areas should be monitored to ensure reestablishment of native wetland vegetation.

5. Adjacent waters are maintained free of construction materials, debris, and chemical contaminants.
6. An as-built survey of the structure(s) must be submitted to the Department within 90 days from completion of construction. The survey must be performed by a registered land surveyor, must show all components of the structure(s), and must list the starting and ending coordinates of the structure(s) in the SC State Plane Coordinate System, which can be obtained by survey-grade Global Positioning System equipment.
7. In the event that any historic or cultural resources and/or archaeological materials are found during the course of work, the applicant must notify the State Historic Preservation Office and the South Carolina Institute of Archaeology and Anthropology. Historic or cultural resources consist of those sites listed in the National Register of Historic Places and those sites that are eligible for the National Register. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials.


**SEE SPECIAL
CONDITION(S)**

PERMITTEE'S ATTENTION IS DIRECTED TO GENERAL CONDITIONS NUMBERS FOUR (4) AND FIVE (5). BY ACCEPTANCE OF THIS PERMIT, PERMITTEE IS PLACED ON NOTICE THAT THE STATE OF SOUTH CAROLINA, BY ISSUING THIS PERMIT, DOES NOT WAIVE ITS RIGHTS TO REQUIRE PAYMENT OF A REASONABLE FEE FOR USE OF STATE LANDS AT A FUTURE DATE IF SO DIRECTED BY STATUTE.

THE PERMITTEE, BY ACCEPTANCE OF THIS PERMIT AGREES TO ABIDE BY THE TERMS AND CONDITIONS CONTAINED HEREIN AND TO PERFORM THE WORK IN STRICT ACCORDANCE WITH THE PLANS AND SPECIFICATIONS ATTACHED HERETO AND MADE A PART HEREOF. ANY DEVIATION FROM THESE CONDITIONS, TERMS, PLANS AND SPECIFICATIONS SHALL BE GROUNDS FOR REVOCATION, SUSPENSION OR MODIFICATION OF THIS PERMIT AND THE INSTITUTION OF SUCH LEGAL PROCEEDINGS AS THE DEPARTMENT MAY CONSIDER APPROPRIATE.

Permit Number: **OCRM03103**

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.


PERMITTEE(S)
Kevin Driggers, Santee Cooper

5-27-21
DATE

This permit becomes effective when the State official, designated to act for the Office of Ocean and Coastal Resource Management, has signed below.


CRITICAL AREA PERMITTING PROJECT MANAGER
Joshua D Hoke
Or Other Authorized State Official

5-7-21
DATE

**SEE SPECIAL
CONDITION(S)**

GENERAL CONDITIONS:

This construction and use permit is expressly contingent upon the following conditions which are binding on the permittee:

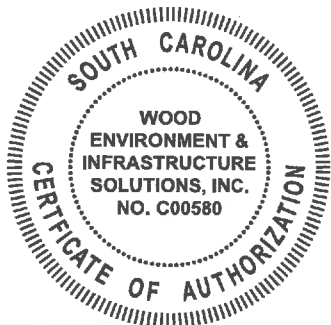
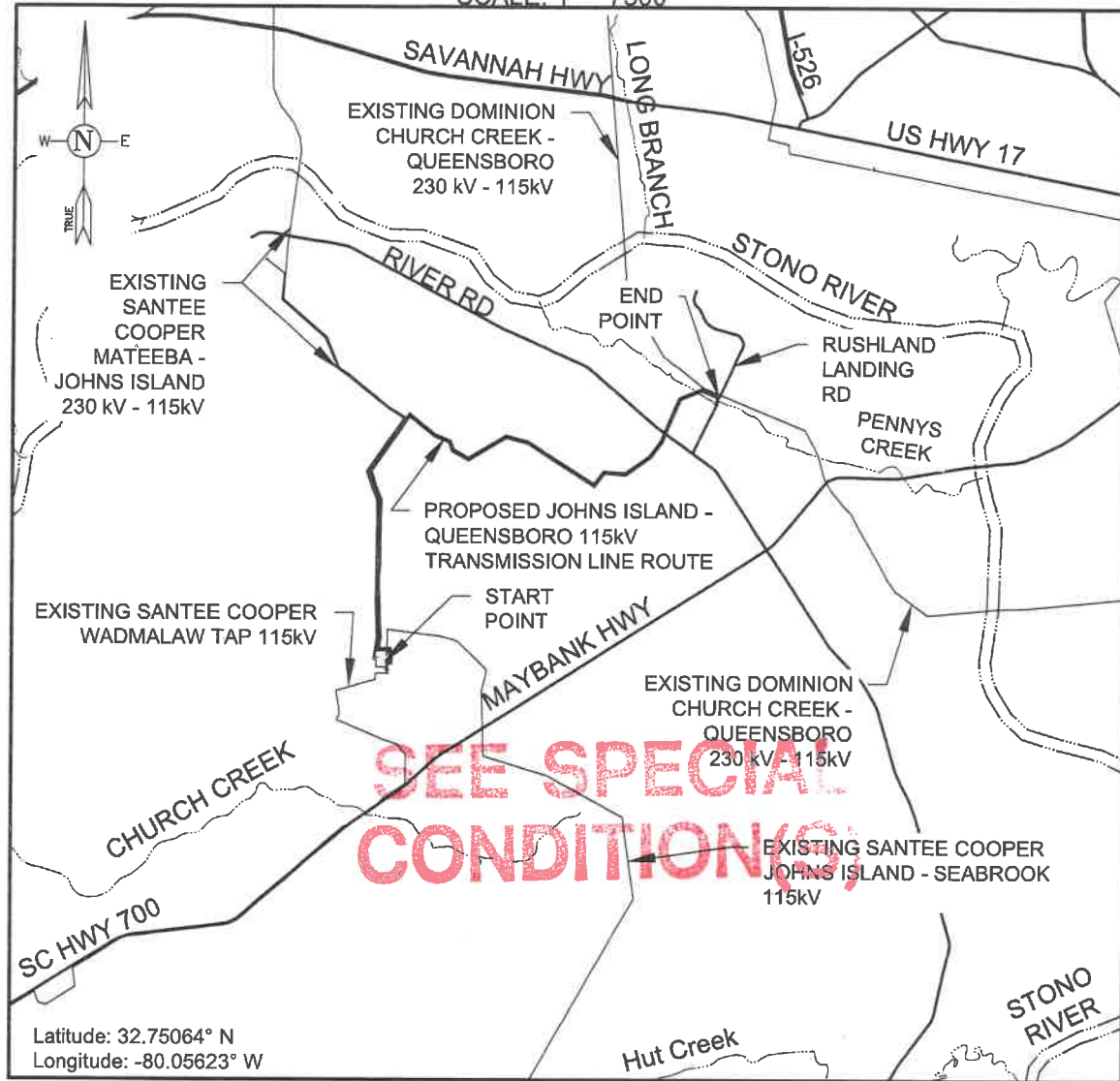
1. The permittee, in accepting this permit, covenants and agrees to comply with and abide by the provisions and conditions herein and assumes all responsibility and liability and agrees to save the Department and the State of South Carolina, its employees or representatives, harmless from all claims of damage arising out of operations conducted pursuant to this permit.
2. If the activity authorized herein is not constructed or completed within five years of the date of issuance, this permit shall automatically expire. A request, in writing, for an extension of time shall be made no less than thirty days prior to the expiration date.
3. All authorized work shall be conducted in a manner that minimizes any adverse impact on fish, wildlife and water quality.
4. This permit does not relieve the permittee from the requirements of obtaining a permit from the U. S. Army Corps of Engineers or any other applicable federal agency, nor from the necessity of complying with all applicable local laws, ordinances, and zoning regulations. This permit is granted subject to the rights of the State of South Carolina in the navigable waters and shall be subject, further, to all rights held by the State of South Carolina under the public trust doctrine as well as any other right the State may have in the waters and submerged lands of the coast.
5. This permit does not convey, expressly or impliedly, any property rights in real estate or material nor any exclusive privileges; nor does it authorize the permittee to alienate, diminish, infringe upon or otherwise restrict the property rights of any other person or the public; nor shall this permit be interpreted as appropriating public properties for private use.
6. The permittee shall permit the Department or its authorized agents or representatives to make periodic inspections at any time deemed necessary to ensure that the activity being performed is in accordance with the terms and conditions of this permit.
7. Any abandonment of the permitted activity will require restoration of the area to a satisfactory condition as determined by the Department
8. This permit may not be transferred to a third party without prior written notice to the Department, either by the transferee's written agreement to comply with all terms and conditions of this permit or by the transferee subscribing to this permit and thereby agreeing to comply.
9. If the display of lights and signals on any structure or work authorized herein is not otherwise provided for by law, such lights and special signals as may be prescribed by the United States Coast Guard shall be installed and maintained by and at the expense of the permittee.
10. The permit construction placard or a copy of the placard shall be posted in a conspicuous place at the project site during the entire period of work.
11. The structure or work authorized herein shall be in accordance with the permit, as issued, and shall be maintained in good condition. Failure to build in accordance with the permit, as issued, or failure to maintain the structure in good condition, shall result in the revocation of this permit.
12. The authorization for activities or structures herein constitutes a revocable license. The Department may require the permittee to modify activities or remove structures authorized herein if it is determined by the Department that such activity or structures violates the public's health, safety, or welfare, or if any activity is inconsistent with the public trust doctrine. Modification or removal under this condition shall be ordered only after reasonable notice stating the reasons therefore and provision to the permittee of the opportunity to respond in writing. When the Permittee is

notified that the Department intends to revoke the permit, Permittee agrees to immediately stop work pending resolution of the revocation.

13. The Department shall have the right to revoke, suspend, or modify this permit in the event it is determined the permitted structure (1) significantly impacts the public health, safety and welfare, and/or is violation of Section 48-39-150, (2) adversely impacts public rights, (3) that the information and data which the permittee or any other agencies have provided in connection with the permit application is either false, incomplete or inaccurate, or (4) that the activity is in violation of the terms and/or conditions, including any special conditions of the permit. That the permittee, upon receipt of the Department's written intent to revoke, suspend, or modify the permit has the right to a hearing. Prior to revocation, suspension, or modification of this permit, the Department shall provide written notification of intent to revoke to the permittee, and permittee can respond with a written explanation to the Department. (South Carolina Code Section 1-23-370 shall govern the procedure for revocation, suspension or modification herein described).
14. Any modification, suspension or revocation of this permit shall not be the basis of any claim for damages against the Department or the State of South Carolina or any employee, agent, or representative of the Department or the State of South Carolina.
15. All activities authorized herein shall be, if they involve a discharge or deposit into navigable waters or ocean waters, at all times consistent with all applicable water quality standards, effluent limitations, and standards of performance, prohibitions, and pretreatment standards established pursuant to applicable federal, state and local laws.
16. Extreme care shall be exercised to prevent any adverse or undesirable effects from this work on the property of others. This permit authorizes no invasion of adjacent private property, and the Department assumes no responsibility or liability from any claims of damage arising out of any operations conducted by the permittee pursuant to this permit.

**SEE SPECIAL
CONDITION(S)**

SCALE: 1" = 7500'



CERTIFICATE OF AUTHORIZATION SEAL



REGISTERED PROFESSIONAL ENGINEER
NO. 29606

wood.

SITE LOCATION MAP

Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



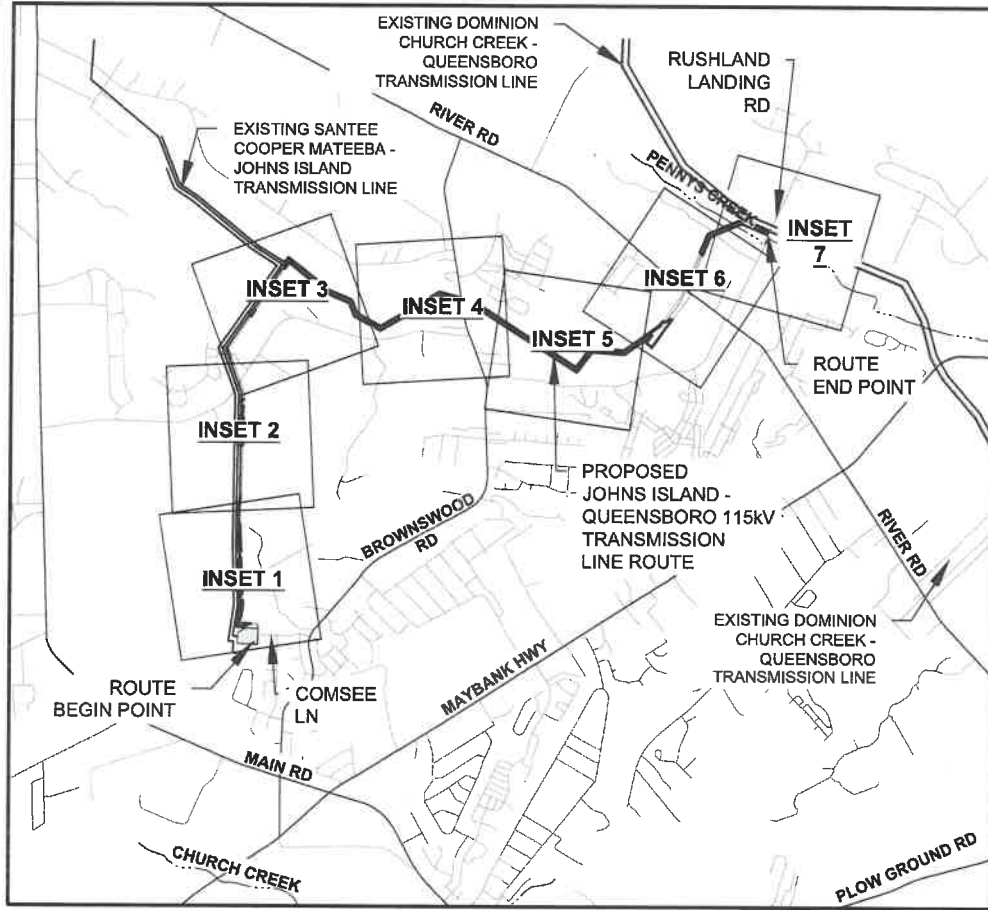
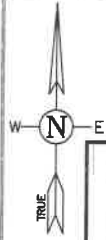
PREPARED BY: BWS

DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 1



SCALE: 1" = 5000'

**SEE SPECIAL
CONDITION(S)**

Latitude: 32.75064° N
Longitude: -80.05623° W

wood.

SITE LAYOUT MAP

Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



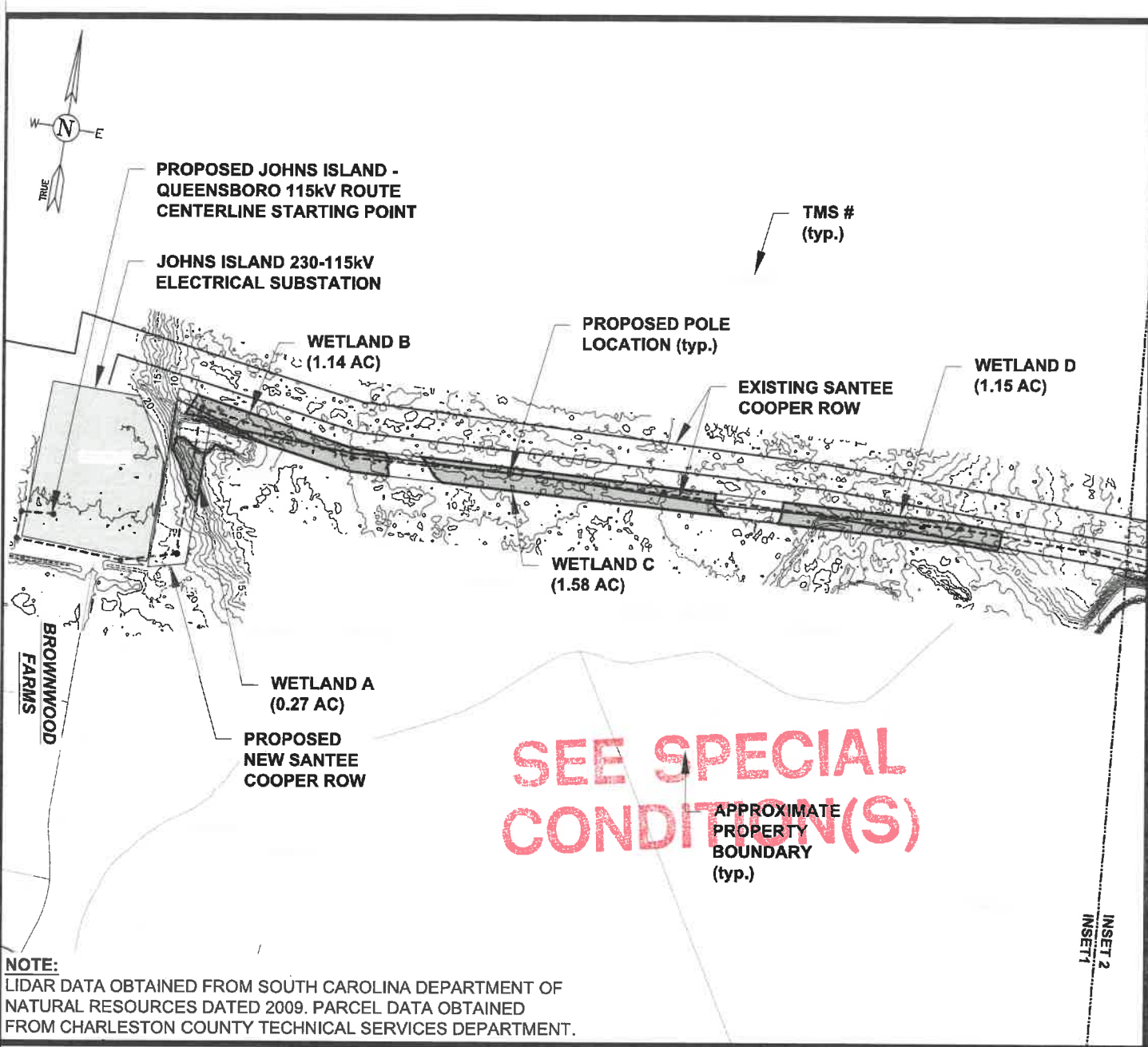
PREPARED
BY: BWS

DATE:
09/17/20

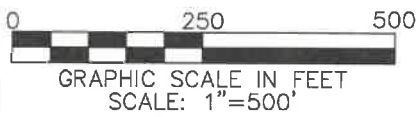
CHECKED
BY: AWC

JOB NUMBER:
6250-16-0115.06

FIGURE:
2



NOTE:
 LIDAR DATA OBTAINED FROM SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES DATED 2009. PARCEL DATA OBTAINED FROM CHARLESTON COUNTY TECHNICAL SERVICES DEPARTMENT.



Latitude: 32.75064° N
 Longitude: -80.05623° W

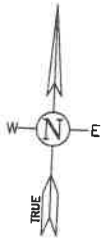
LEGEND	
	PROPOSED SANTEE COOPER RIGHT-OF-WAY
	EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE
	PROPERTY BOUNDARY
	CRITICAL AREA LINE
	EXISTING MINOR CONTOUR
	POLE LOCATION
	ROUTE CENTERLINE
	EXISTING MAJOR CONTOUR

wood.

INSET 1
 Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
 FOR



PREPARED BY: BWS	DATE: 04/23/20	CHECKED BY: AWC	JOB NUMBER: 6250-16-0115.06	FIGURE: 3
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TMS #
(typ.)

EXISTING SANTEE
COOPER ROW

WETLAND E
(1.19 AC)

WETLAND G
(0.03 AC)

PROPOSED
NEW SANTEE
COOPER ROW

STREAM A
(94 LF, 0.02 AC)

PROPOSED
JOHNS ISLAND
- QUEENSBORO
115kV ROUTE
CENTERLINE

WETLAND E
(1.19 AC)

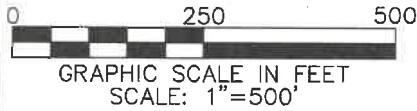
WETLAND F
(0.17 AC)

FIGKING HILL RD

INSET 3
INSET 2

INSET 2
INSET 1

**SEE SPECIAL
CONDITION(S)**



Latitude: 32.75064° N
Longitude: -80.05623° W

LEGEND

	PROPOSED SANTEE COOPER RIGHT-OF-WAY		EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE		PROPERTY BOUNDARY
	CRITICAL AREA LINE		EXISTING MINOR CONTOUR
	POLE LOCATION		EXISTING MAJOR CONTOUR
	ROUTE CENTERLINE		

wood.

INSET 2

Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



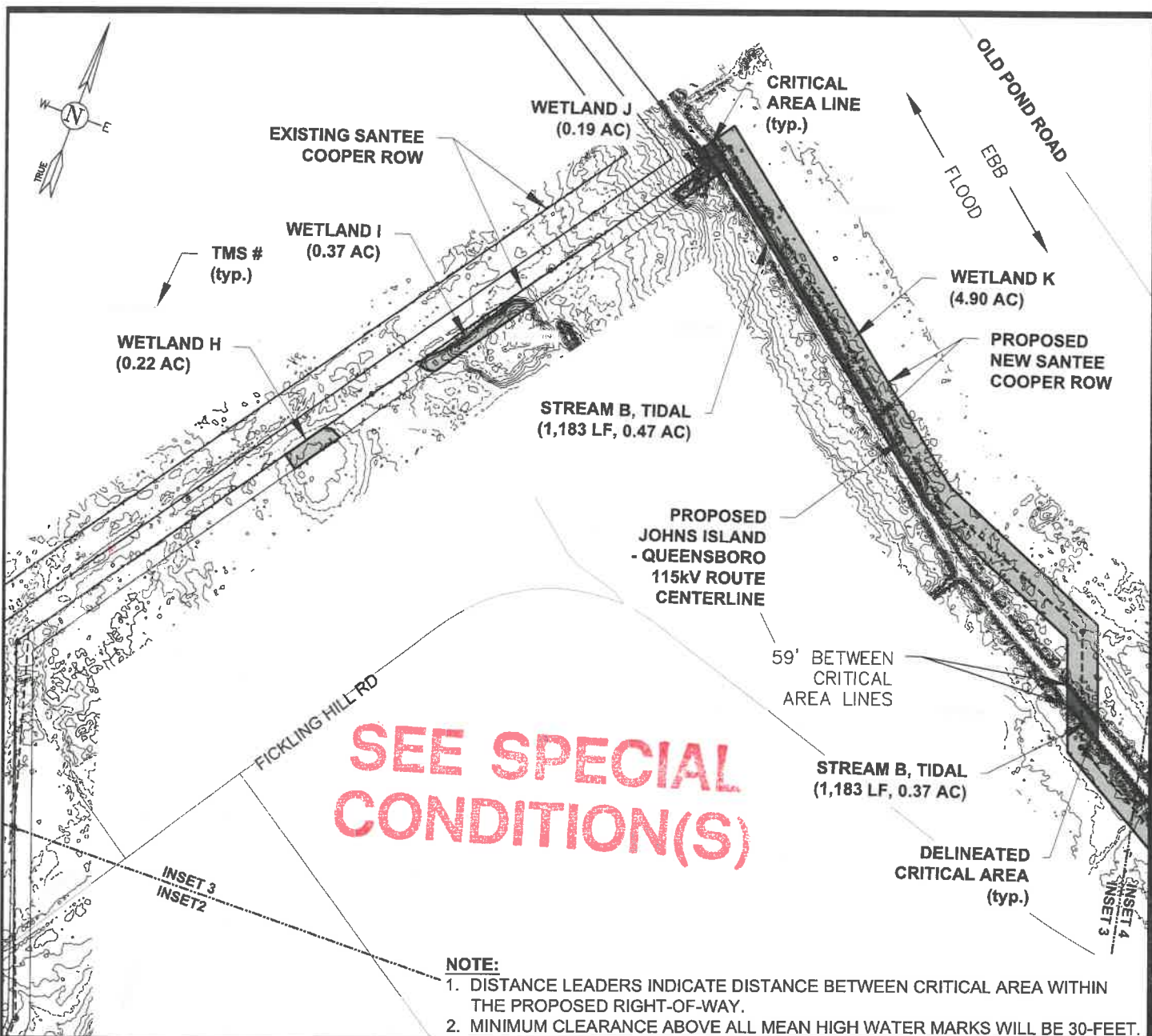
PREPARED BY: BWS

DATE: 09/17/20

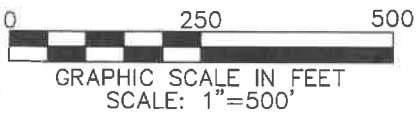
CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 4



- NOTE:**
1. DISTANCE LEADERS INDICATE DISTANCE BETWEEN CRITICAL AREA WITHIN THE PROPOSED RIGHT-OF-WAY.
 2. MINIMUM CLEARANCE ABOVE ALL MEAN HIGH WATER MARKS WILL BE 30-FEET.



Latitude: 32.75064° N
Longitude: -80.05623° W

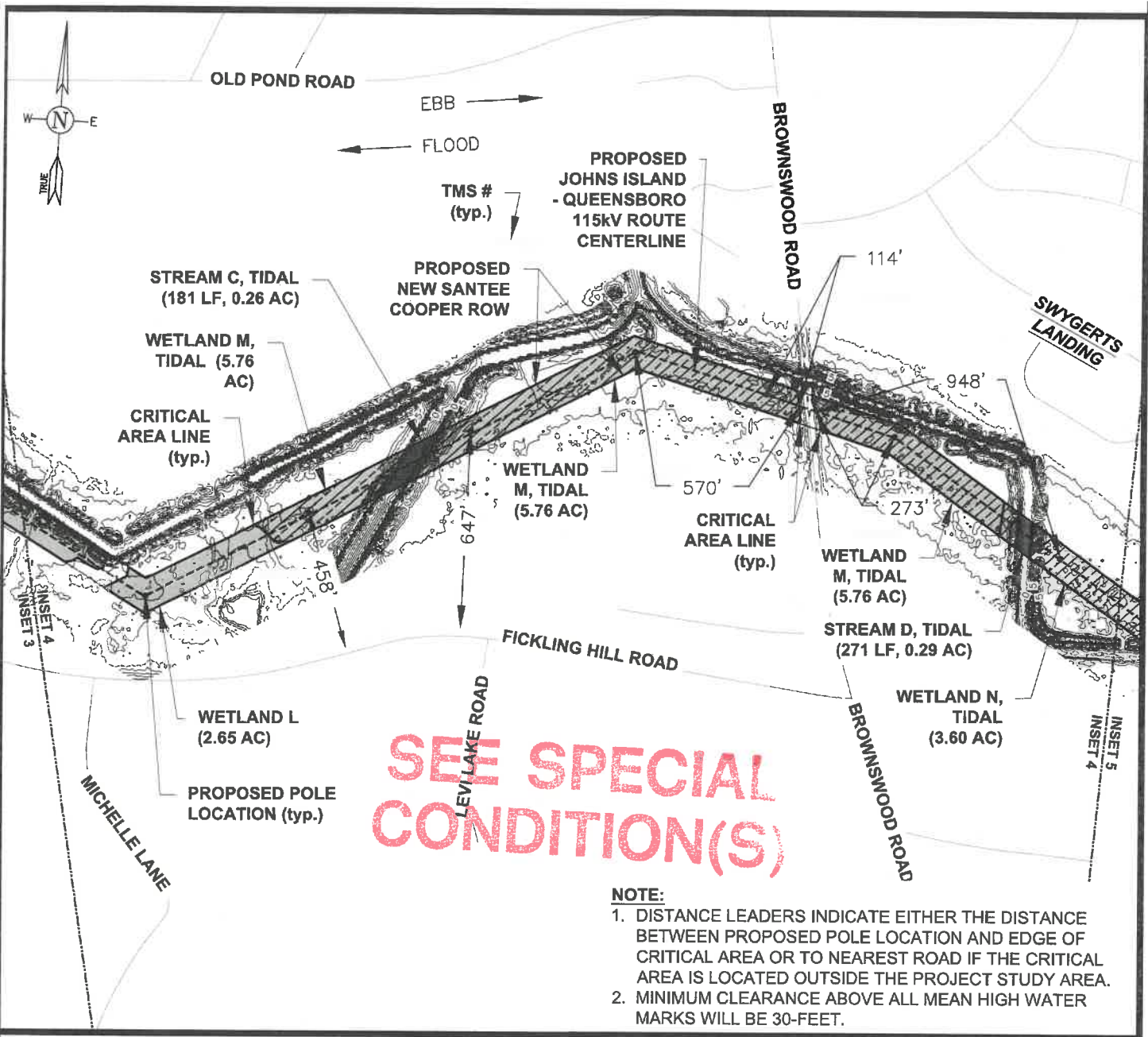
LEGEND	
	PROPOSED SANTEE COOPER RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE
	CRITICAL AREA LINE
	POLE LOCATION
	ROUTE CENTERLINE
	EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	PROPERTY BOUNDARY
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	DELINEATED CRITICAL AREA

wood.

INSET 3
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



PREPARED BY: BWS	DATE: 09/17/20	CHECKED BY: AWC	JOB NUMBER: 6250-16-0115.06	FIGURE: 5
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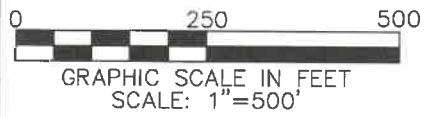


NOTE:

1. DISTANCE LEADERS INDICATE EITHER THE DISTANCE BETWEEN PROPOSED POLE LOCATION AND EDGE OF CRITICAL AREA OR TO NEAREST ROAD IF THE CRITICAL AREA IS LOCATED OUTSIDE THE PROJECT STUDY AREA.
2. MINIMUM CLEARANCE ABOVE ALL MEAN HIGH WATER MARKS WILL BE 30-FEET.

LEGEND

	PROPOSED SANTEE COOPER RIGHT-OF-WAY		EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE		PROPERTY BOUNDARY
	CRITICAL AREA LINE		EXISTING MINOR CONTOUR
	POLE LOCATION		EXISTING MAJOR CONTOUR
	ROUTE CENTERLINE		DELINEATED CRITICAL AREA



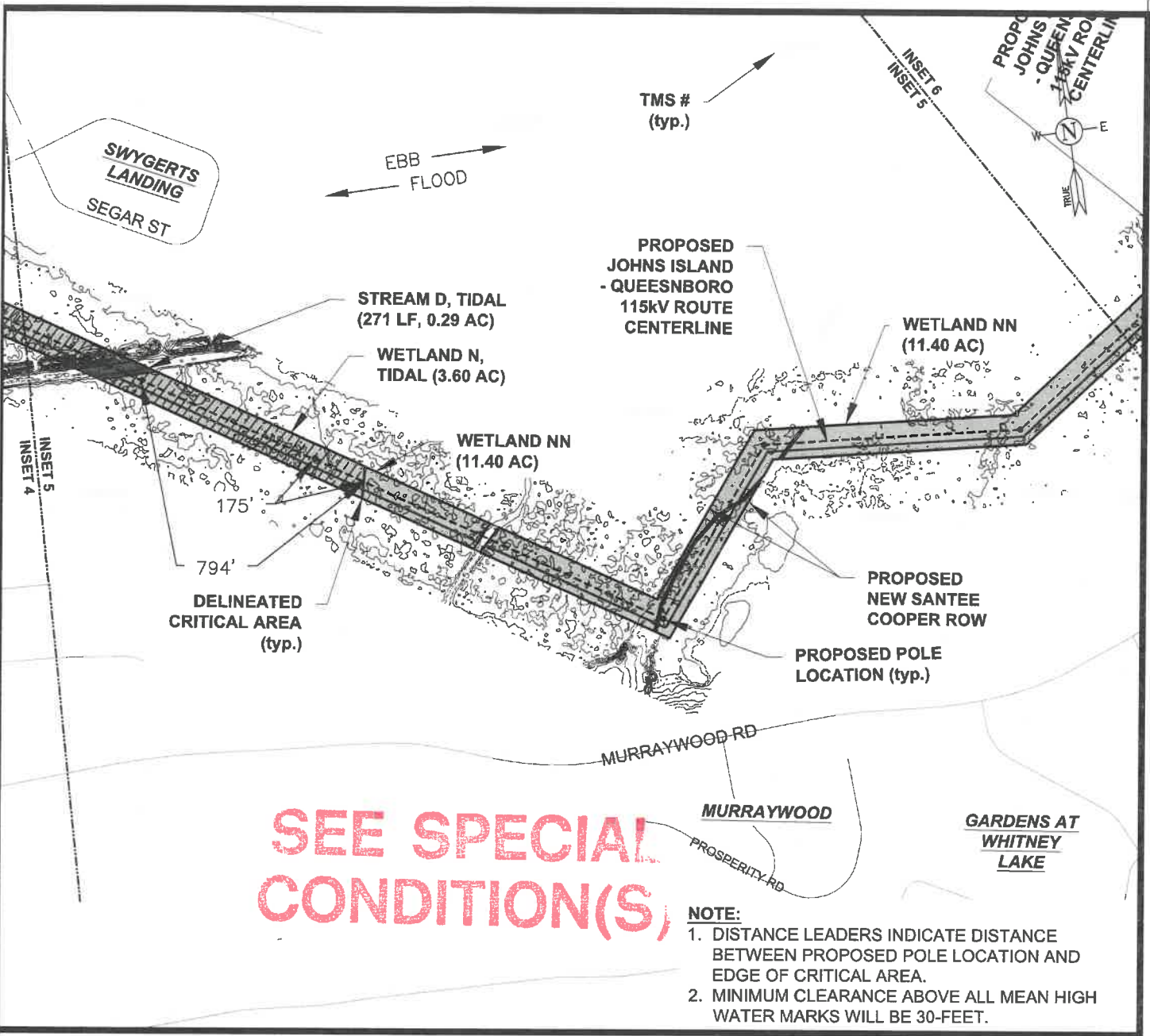
Latitude: 32.75064° N
Longitude: -80.05623° W



INSET 4
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



PREPARED BY: BWS	DATE: 09/17/20	CHECKED BY: AWC	JOB NUMBER: 6250-16-0115.06	FIGURE: 6
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LEGEND

	PROPOSED SANTEE COOPER RIGHT-OF-WAY		EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE		PROPERTY BOUNDARY
	CRITICAL AREA LINE		EXISTING MINOR CONTOUR
	POLE LOCATION		EXISTING MAJOR CONTOUR
	ROUTE CENTERLINE		DELINEATED CRITICAL AREA

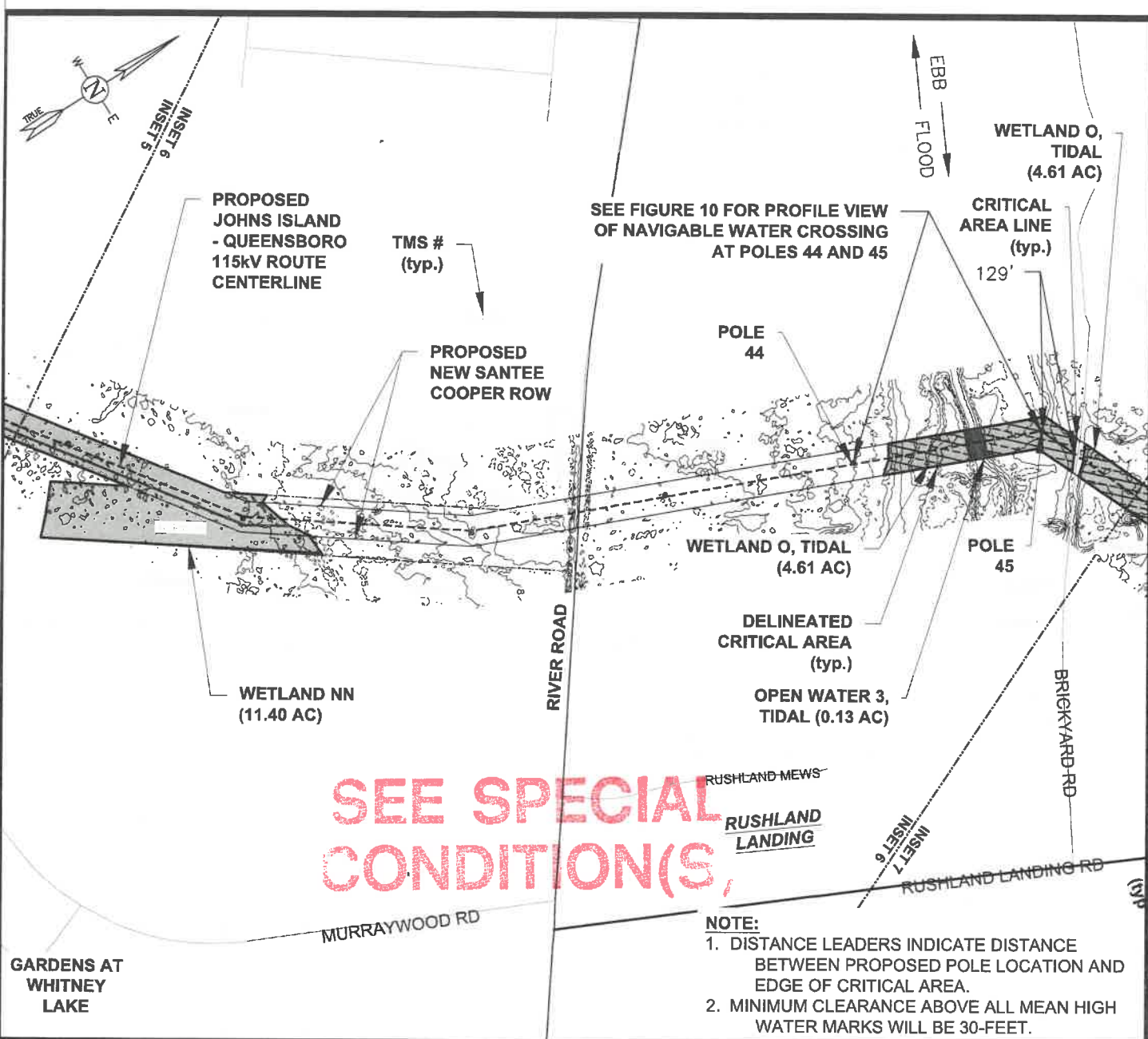
wood.

Latitude: 32.75064° N
Longitude: -80.05623° W

PREPARED BY: BWS
DATE: 09/17/20
CHECKED BY: AWC

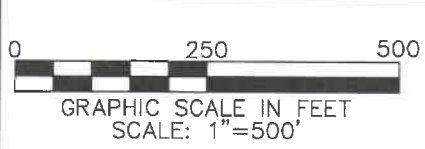
INSET 5
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR

JOB NUMBER: 6250-16-0115.06
FIGURE: 7



SEE SPECIAL
CONDITION(S)

- NOTE:**
1. DISTANCE LEADERS INDICATE DISTANCE BETWEEN PROPOSED POLE LOCATION AND EDGE OF CRITICAL AREA.
 2. MINIMUM CLEARANCE ABOVE ALL MEAN HIGH WATER MARKS WILL BE 30-FEET.



Latitude: 32.75064° N
Longitude: -80.05623° W

LEGEND	
	PROPOSED SANTEE COOPER RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE
	CRITICAL AREA LINE
	POLE LOCATION
	ROUTE CENTERLINE
	EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	PROPERTY BOUNDARY
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	DELINEATED CRITICAL AREA

wood.

INSET 6
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR

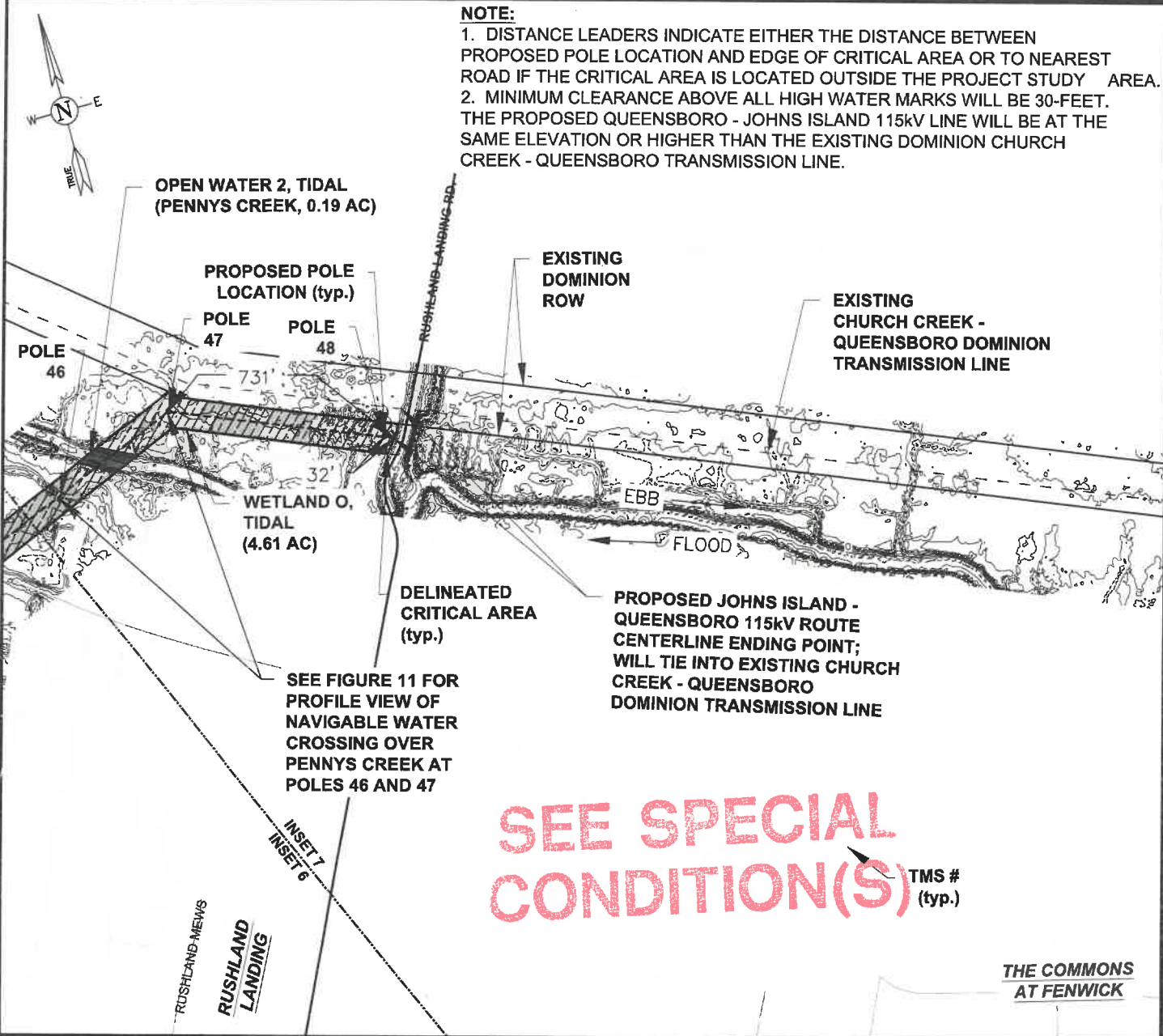


PREPARED BY: BWS	DATE: 09/17/20	CHECKED BY: AWC	JOB NUMBER: 6250-16-0115.06	FIGURE: 8
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13 of 17

NOTE:

1. DISTANCE LEADERS INDICATE EITHER THE DISTANCE BETWEEN PROPOSED POLE LOCATION AND EDGE OF CRITICAL AREA OR TO NEAREST ROAD IF THE CRITICAL AREA IS LOCATED OUTSIDE THE PROJECT STUDY AREA.
2. MINIMUM CLEARANCE ABOVE ALL HIGH WATER MARKS WILL BE 30- FEET. THE PROPOSED QUEENSBORO - JOHNS ISLAND 115kV LINE WILL BE AT THE SAME ELEVATION OR HIGHER THAN THE EXISTING DOMINION CHURCH CREEK - QUEENSBORO TRANSMISSION LINE.



LEGEND

	PROPOSED SANTEE COOPER RIGHT- OF-WAY		EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	DELINEATED AQUATIC RESOURCE		PROPERTY BOUNDARY
	CRITICAL AREA LINE		EXISTING MINOR CONTOUR
	POLE LOCATION		EXISTING MAJOR CONTOUR
	ROUTE CENTERLINE		DELINEATED CRITICAL AREA

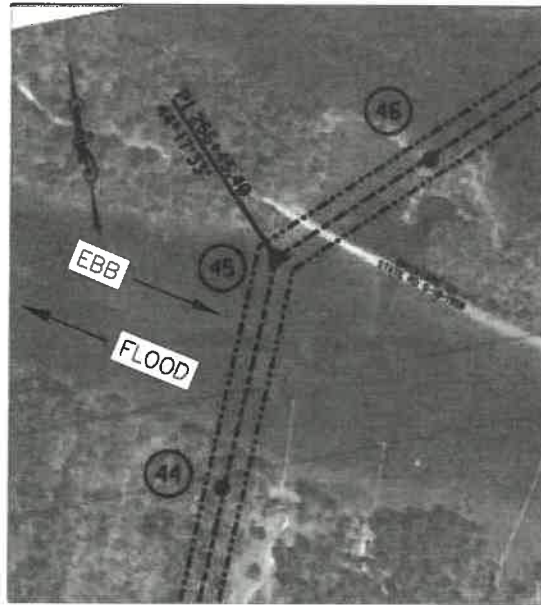
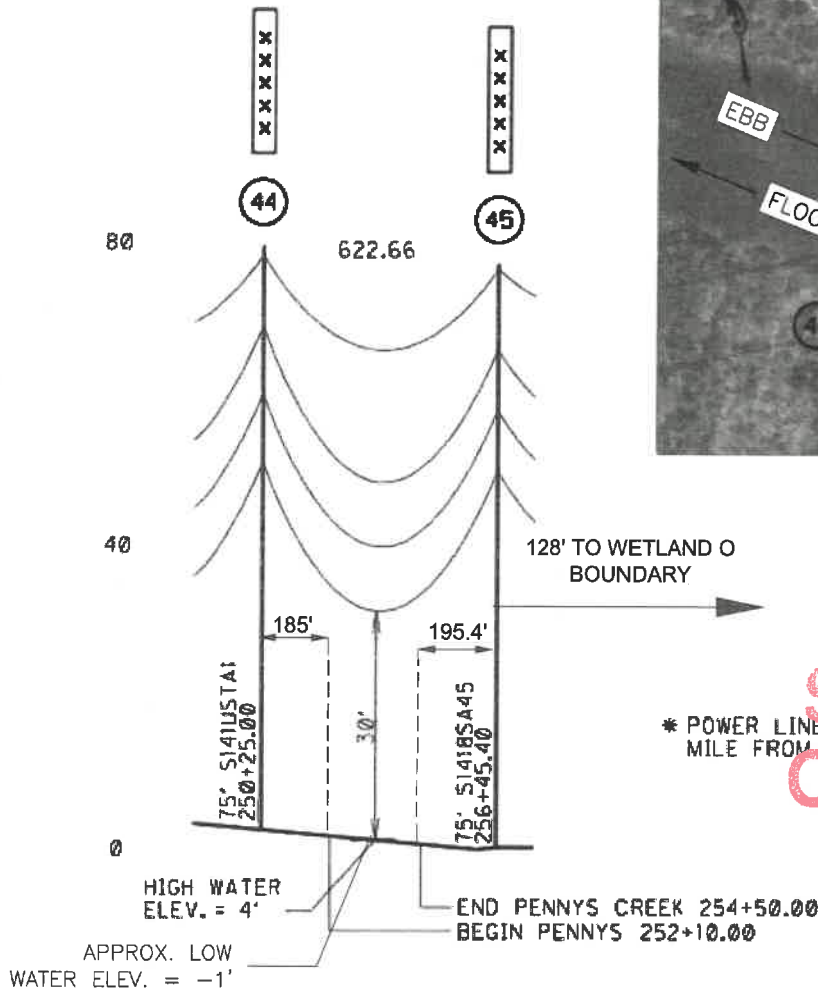
wood.

PREPARED BY: BWS
 DATE: 09/17/20
 CHECKED BY: AWC

INSET 7
 Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
 FOR

JOB NUMBER: 6250-16-0115.06
 FIGURE: 9

ELEV.



PLAN

SEE SPECIAL CONDITION(S)

* POWER LINE CROSSING IS APPROX. 0.95 MILE FROM SWYCERT BLVD BRIDGE.

CONDUCTORS:
 1272 KCMIL 45/7
 SAG AT 200°F
 SHIELD WIRE:
 96 FIBER OPGW
 AT 60°F FINAL SAG

N.T.S.

PRELIMINARY

NOTE: PROFILE DRAWING PROVIDED BY SANTEE COOPER, DATED APRIL 16, 2020 ARE PRELIMINARY AND SHOULD STRICTLY BE USED FOR PLANNING AND PERMITTING PURPOSES ONLY.

wood.

PROFILE VIEW OF PENNYS CREEK CROSSING
 Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
 FOR



PREPARED BY: BWS

DATE: 09/17/20

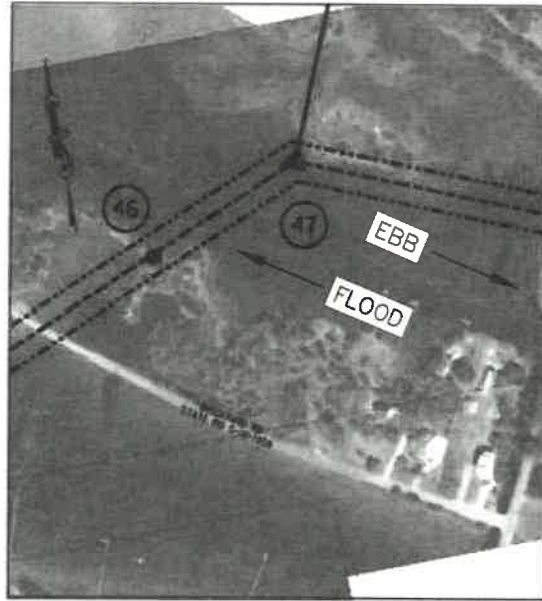
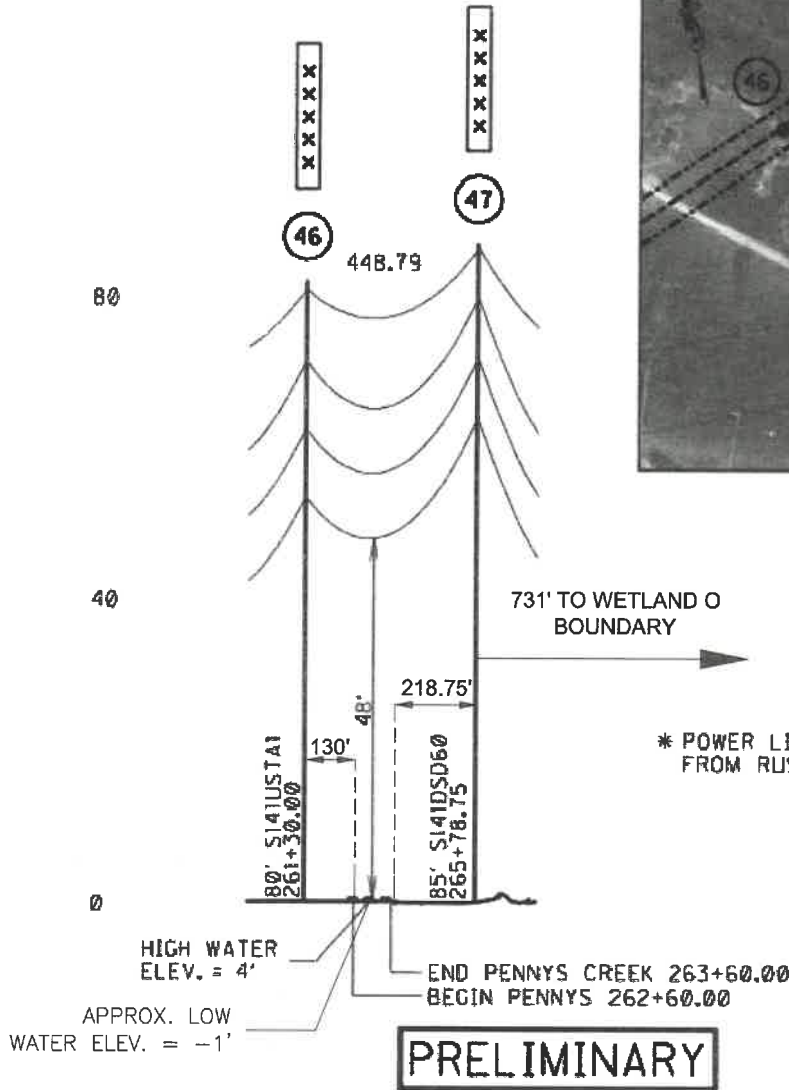
CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 10

15.F17

ELEV.



PLAN

* POWER LINE CROSSING IS APPROX. 940' FROM RUSHLAND LANDING BRIDGE.

CONDUCTORS:
 1272 KCMIL 45/7
 SAG AT 200°F
 SHIELD WIRE:
 96 FIBER OPGW
 AT 60°F FINAL SAG

N.T.S.

NOTE: PROFILE DRAWING PROVIDED BY SANTEE COOPER, DATED APRIL 16, 2020 ARE PRELIMINARY AND SHOULD STRICTLY BE USED FOR PLANNING AND PERMITTING PURPOSES ONLY.

SEE SPECIAL CONDITION(S)

wood.

PROFILE VIEW OF PENNYS CREEK CROSSING
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC
FOR



PREPARED BY: BWS

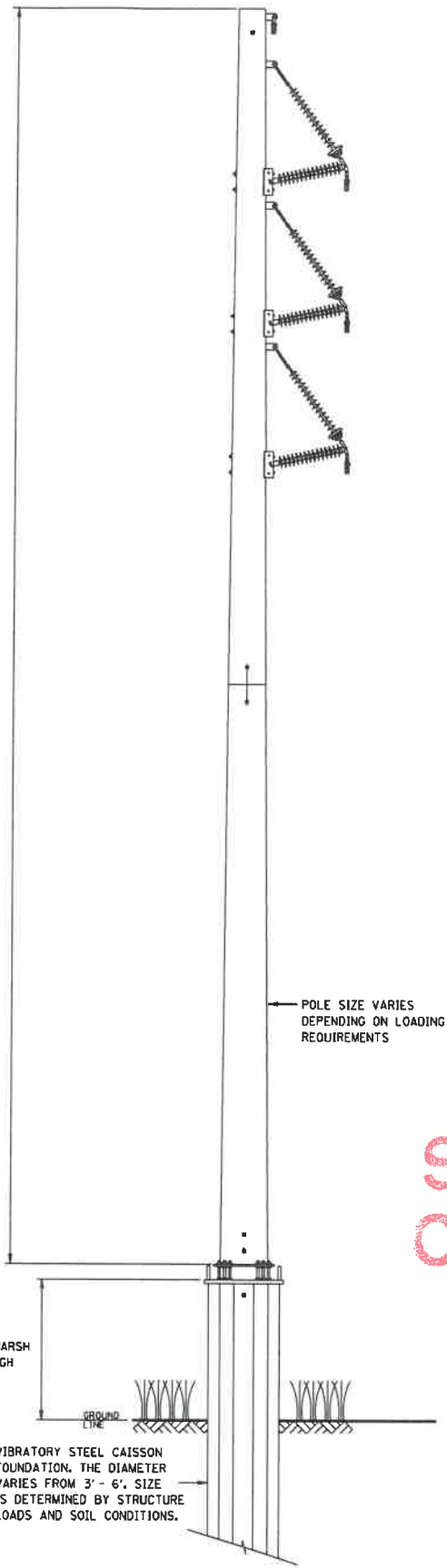
DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 11

STR HEIGHT VARIES (75' - 90')
IN ORDER TO MAINTAIN
REQUIRED CLEARANCE ABOVE
GROUND, ROADS, DISTRIBUTION
LINES, AND OTHER OBSTACLES



Str No.	Str Height (ft)	Caisson Diameter (ft)	Caisson reveal above ground (ft)
STR #22	85	6	7
STR #23	75	3	7
STR #24	75	5	7
STR #25	75	5.25	7
STR #26	80	5.25	7
STR #27	80	5.5	7
STR #28	80	3	7
STR #29	80	3	7
STR #30	75	5.25	7
STR #31	85	3.5	7
STR #32	85	5.25	7
STR #33	80	3	7
STR #34	80	3	7
STR #35	75	3	7
STR #36	75	3	7
STR #37	80	6	7
STR #38	85	5.5	7
STR #39	85	5.5	7
STR #40	80	3	7
STR #41	80	5	7
STR #42	80	5.25	2
STR #43	90	3.5	2
STR #44	80	3	4
STR #45	75	5.25	9
STR #46	80	3	9
STR #47	85	5.5	9
STR #48	80	6	9

POLE SIZE VARIES
DEPENDING ON LOADING
REQUIREMENTS

CAISSON REVEAL SET AT
7' - 9' ABOVE GROUND (IN MARSH
AREAS) TO ACCOUNT FOR HIGH
WATER MARK

VIBRATORY STEEL CAISSON
FOUNDATION. THE DIAMETER
VARIES FROM 3' - 6'. SIZE
IS DETERMINED BY STRUCTURE
LOADS AND SOIL CONDITIONS.

**SEE SPECIAL
CONDITION(S)**

JOHNS ISLAND - QUEENSBORO 115KV
TYPICAL STRUCTURE CONFIGURATION
IN AND NEAR CRITICAL AREAS

*REFERENCE CRITICAL AREAS PERMIT APPLICATION HN2-HS87-DBCK8 FOR LOCATION OF CRITICAL AREAS