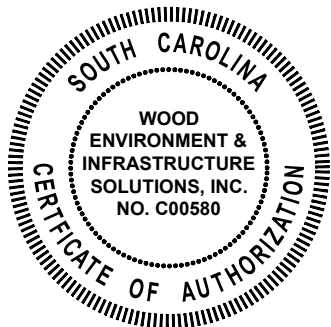
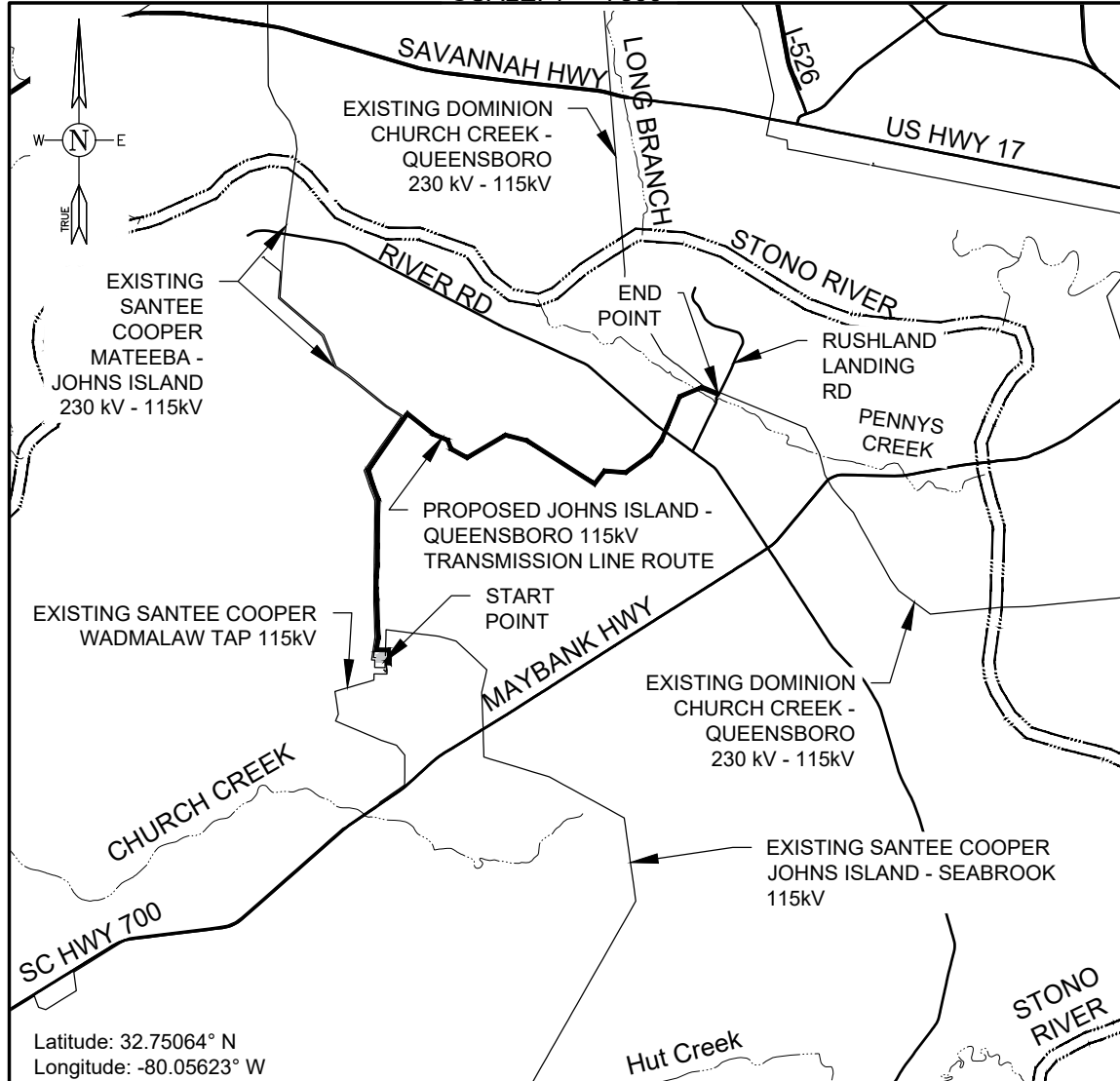
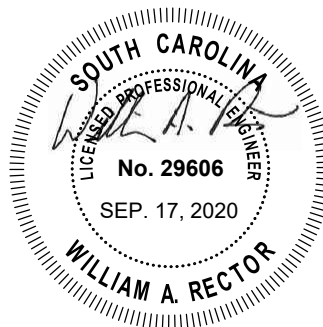


SCALE: 1" = 7500'



CERTIFICATE OF AUTHORIZATION SEAL



REGISTERED PROFESSIONAL ENGINEER  
NO. 29606



**SITE LOCATION MAP**

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



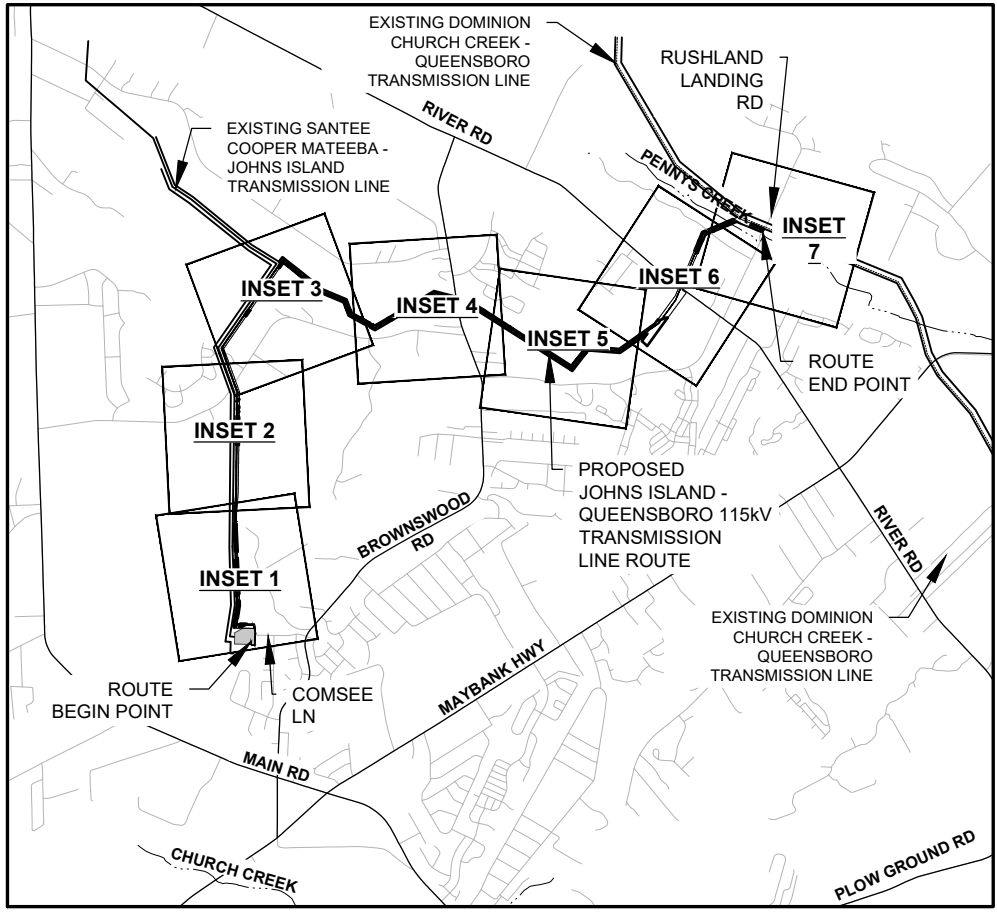
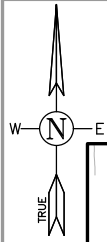
PREPARED BY: BWS

DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 1



SCALE: 1" = 5000'

Latitude: 32.75064° N  
 Longitude: -80.05623° W



**SITE LAYOUT MAP**

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



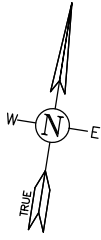
PREPARED BY: BWS

DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 2



PROPOSED JOHNS ISLAND -  
QUEENSBORO 115kV ROUTE  
CENTERLINE STARTING POINT

JOHNS ISLAND 230-115kV  
ELECTRICAL SUBSTATION

TMS #  
(typ.)

281000098

WETLAND B  
(1.14 AC)

PROPOSED POLE  
LOCATION (typ.)

EXISTING SANTEE  
COOPER ROW

WETLAND D  
(1.15 AC)

WETLAND C  
(1.58 AC)

WETLAND A  
(0.27 AC)

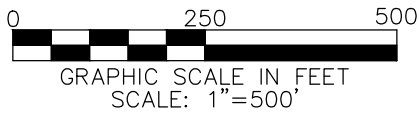
PROPOSED  
NEW SANTEE  
COOPER ROW

APPROXIMATE  
PROPERTY  
BOUNDARY  
(typ.)

BROWNWOOD  
FARMS

INSET 2  
INSET 1

**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



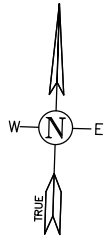
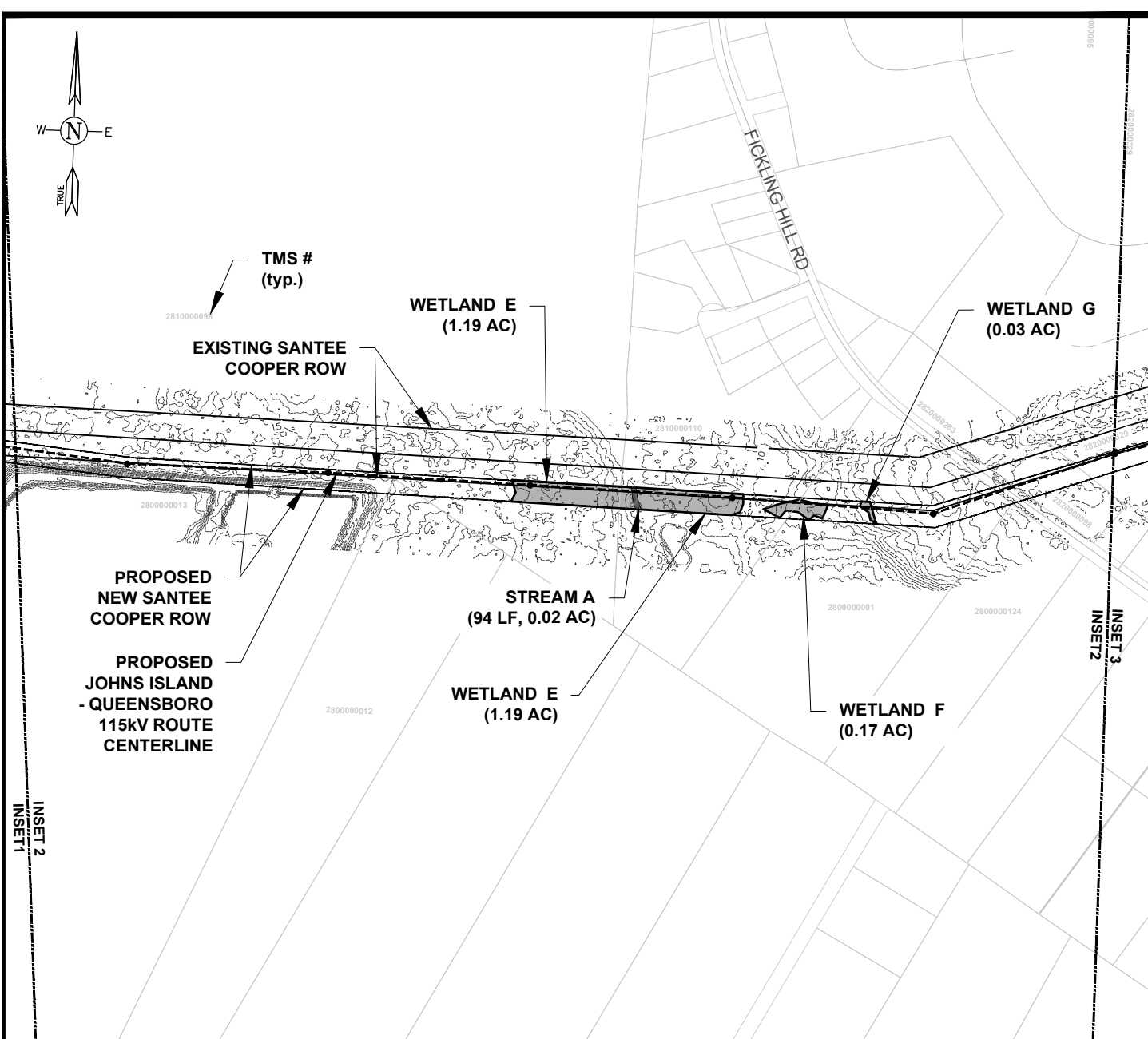
PREPARED  
BY: BWS

DATE:  
04/23/20

CHECKED  
BY: AWC

JOB NUMBER:  
6250-16-0115.06

FIGURE:  
3



TMS #  
(typ.)

EXISTING SANTEE  
COOPER ROW

WETLAND E  
(1.19 AC)

WETLAND G  
(0.03 AC)

PROPOSED  
NEW SANTEE  
COOPER ROW

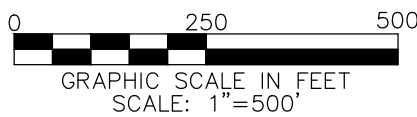
STREAM A  
(94 LF, 0.02 AC)

PROPOSED  
JOHNS ISLAND  
- QUEENSBORO  
115KV ROUTE  
CENTERLINE

WETLAND E  
(1.19 AC)

WETLAND F  
(0.17 AC)

**LEGEND**



Latitude: 32.75064° N  
Longitude: -80.05623° W

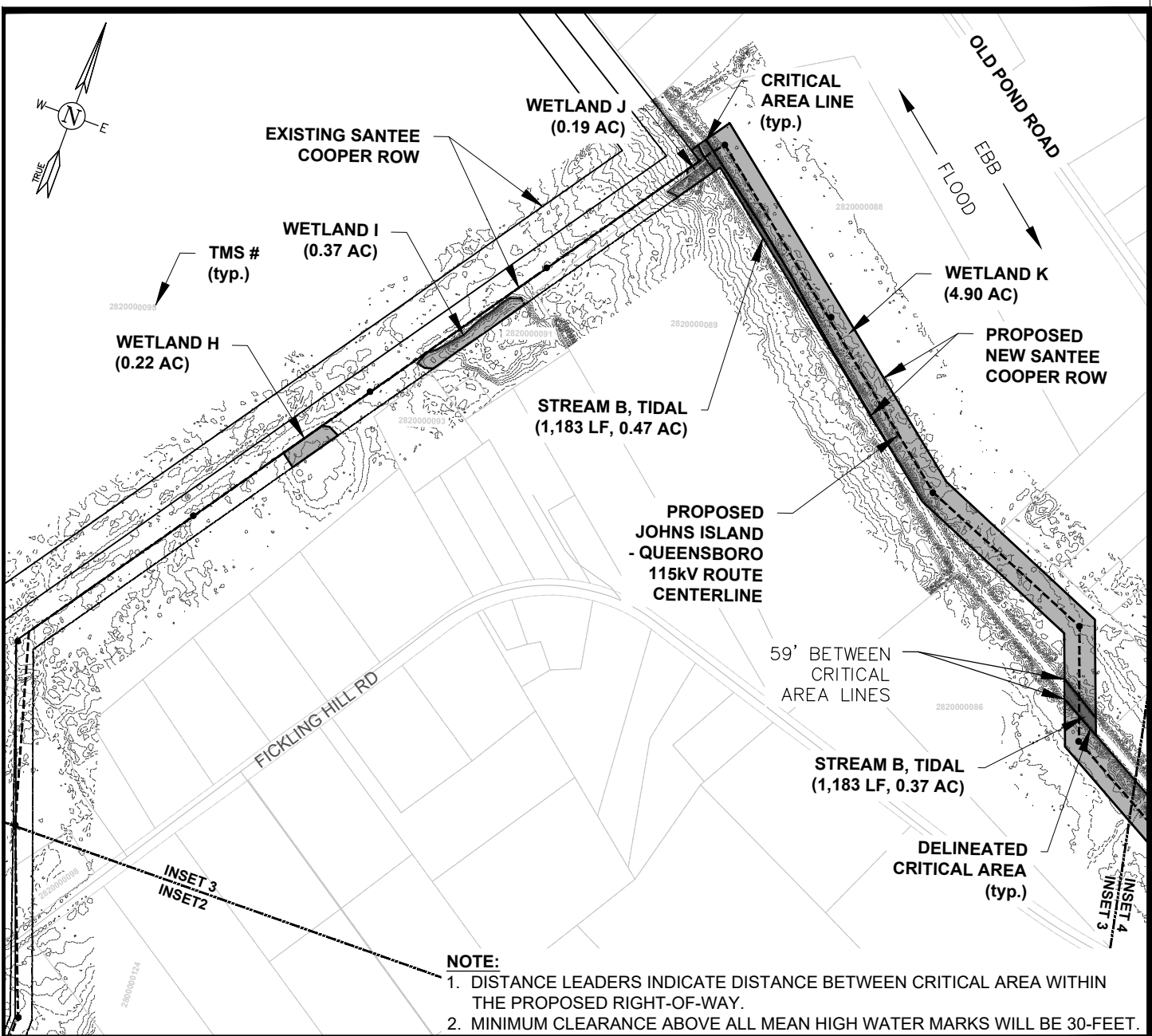
- PROPOSED SANTEE COOPER RIGHT- OF-WAY
- EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
- DELINEATED AQUATIC RESOURCE
- PROPERTY BOUNDARY
- CRITICAL AREA LINE
- EXISTING MINOR CONTOUR
- POLE LOCATION
- ROUTE CENTERLINE
- EXISTING MAJOR CONTOUR



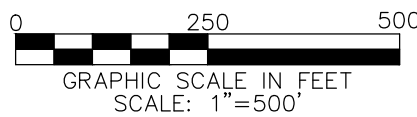
**INSET 2**  
Santee Cooper Johns Island-Queensboro 115kV Line, Johns Island, SC  
FOR



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**

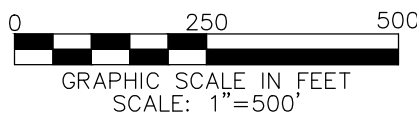
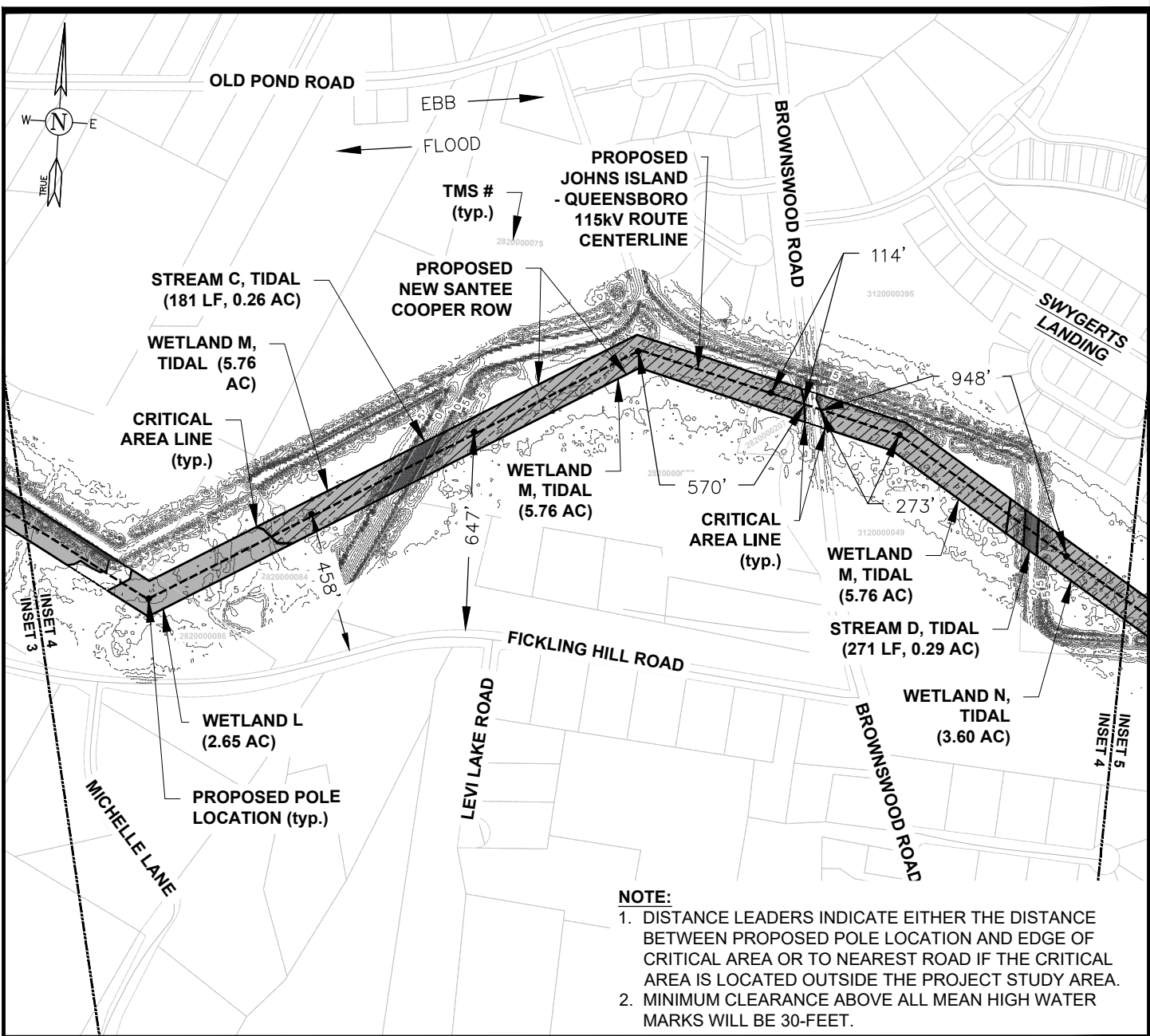
- PROPOSED SANTEE COOPER RIGHT- OF-WAY
- EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
- DELINEATED AQUATIC RESOURCE
- PROPERTY BOUNDARY
- CRITICAL AREA LINE
- EXISTING MINOR CONTOUR
- POLE LOCATION
- EXISTING MAJOR CONTOUR
- ROUTE CENTERLINE
- DELINEATED CRITICAL AREA



**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



Latitude: 32.75064° N  
Longitude: -80.05623° W

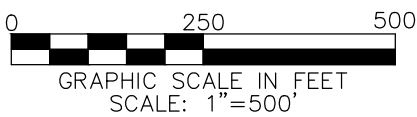
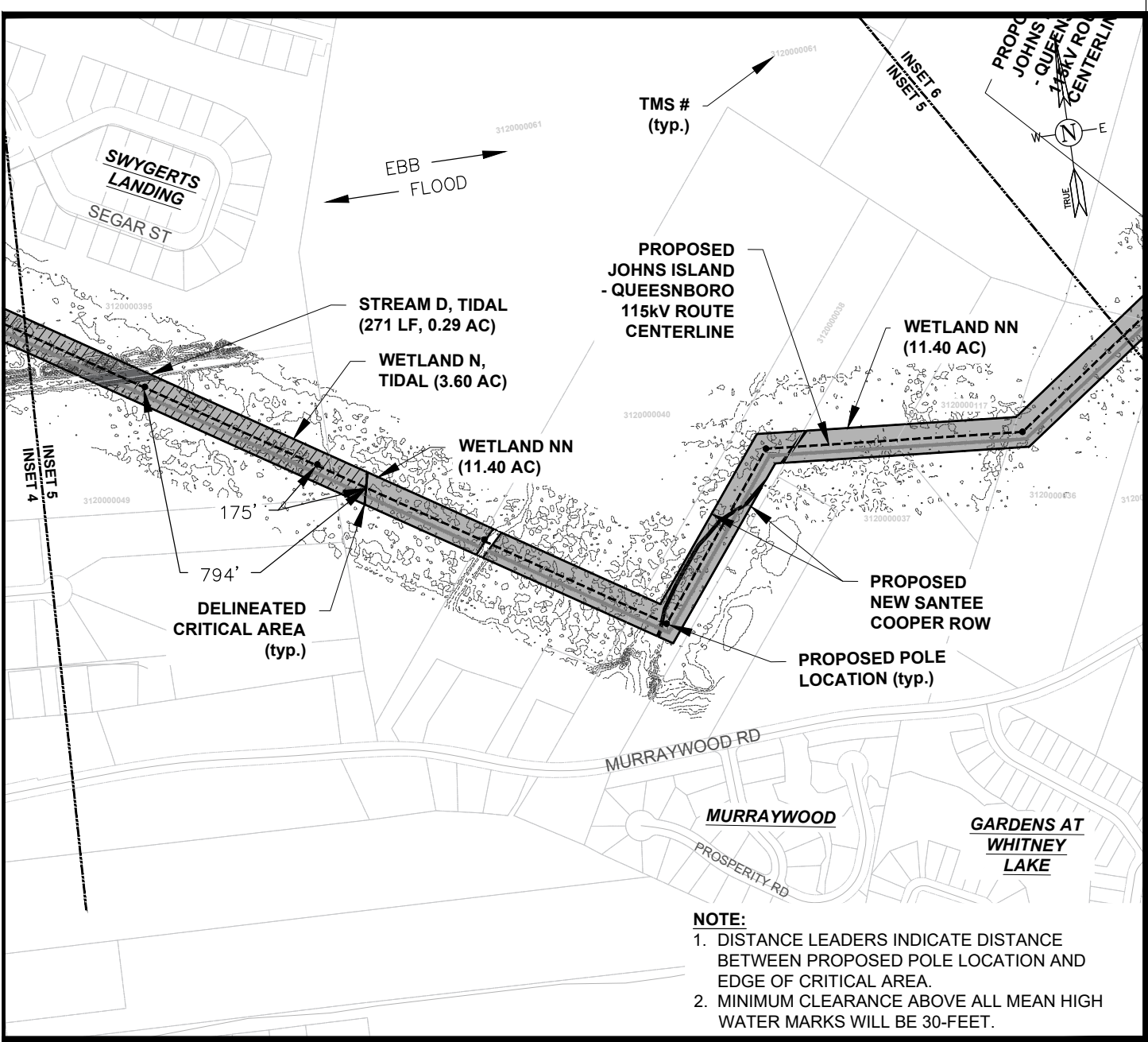
LEGEND	
	PROPOSED SANTEE COOPER RIGHT- OF-WAY
	DELINEATED AQUATIC RESOURCE
	CRITICAL AREA LINE
	POLE LOCATION
	ROUTE CENTERLINE
	EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	PROPERTY BOUNDARY
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	DELINEATED CRITICAL AREA



**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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Latitude: 32.75064° N  
Longitude: -80.05623° W

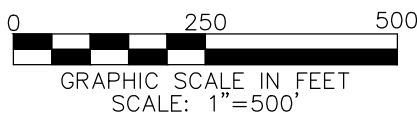
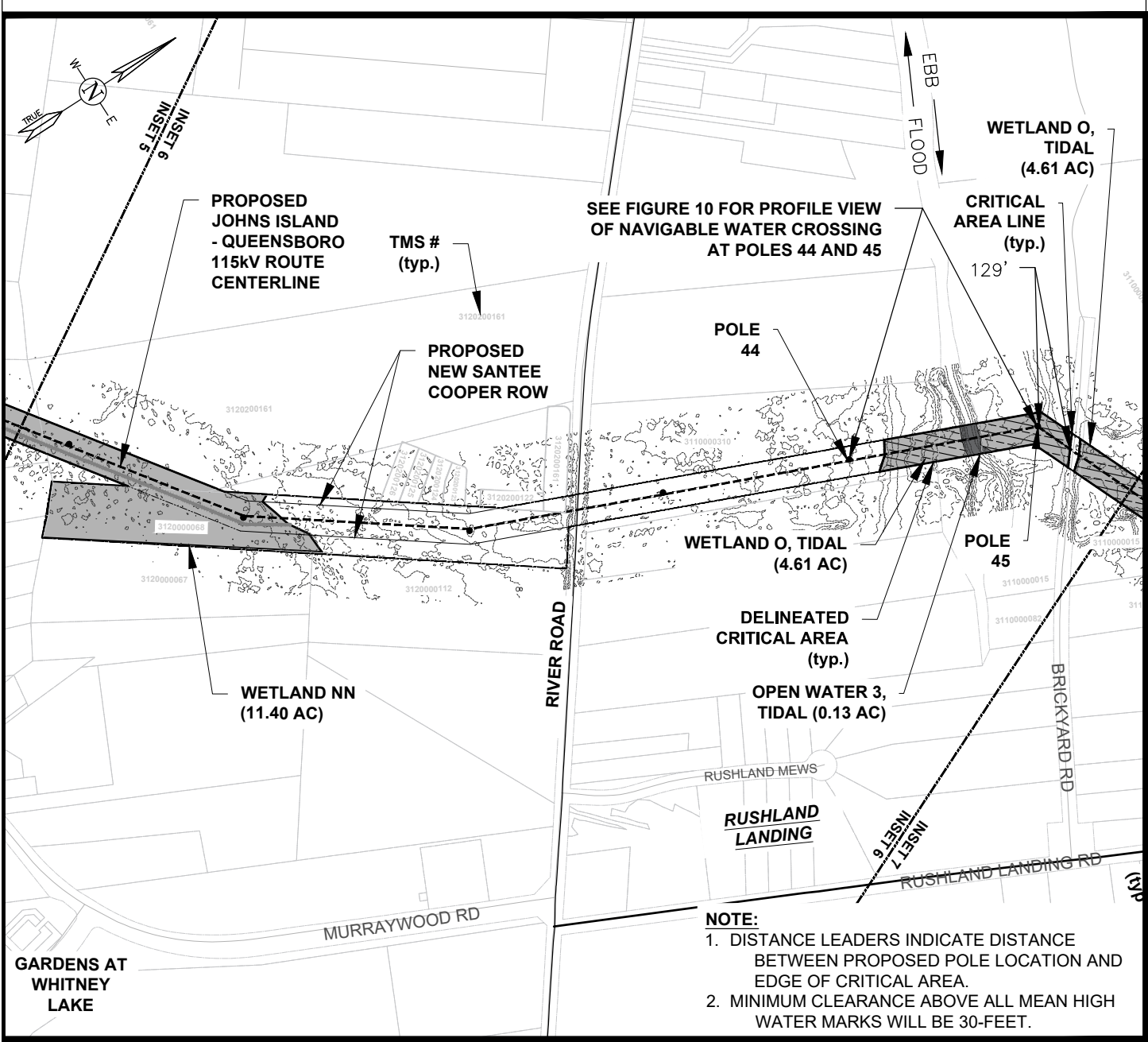
LEGEND	
	PROPOSED SANTEE COOPER RIGHT- OF-WAY
	DELINEATED AQUATIC RESOURCE
	CRITICAL AREA LINE
	POLE LOCATION
	ROUTE CENTERLINE
	EXISTING SANTEE COOPER / DOMINION RIGHT-OF-WAY
	PROPERTY BOUNDARY
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	DELINEATED CRITICAL AREA



**INSET 5**  
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: 7
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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		DELINEATED CRITICAL AREA



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

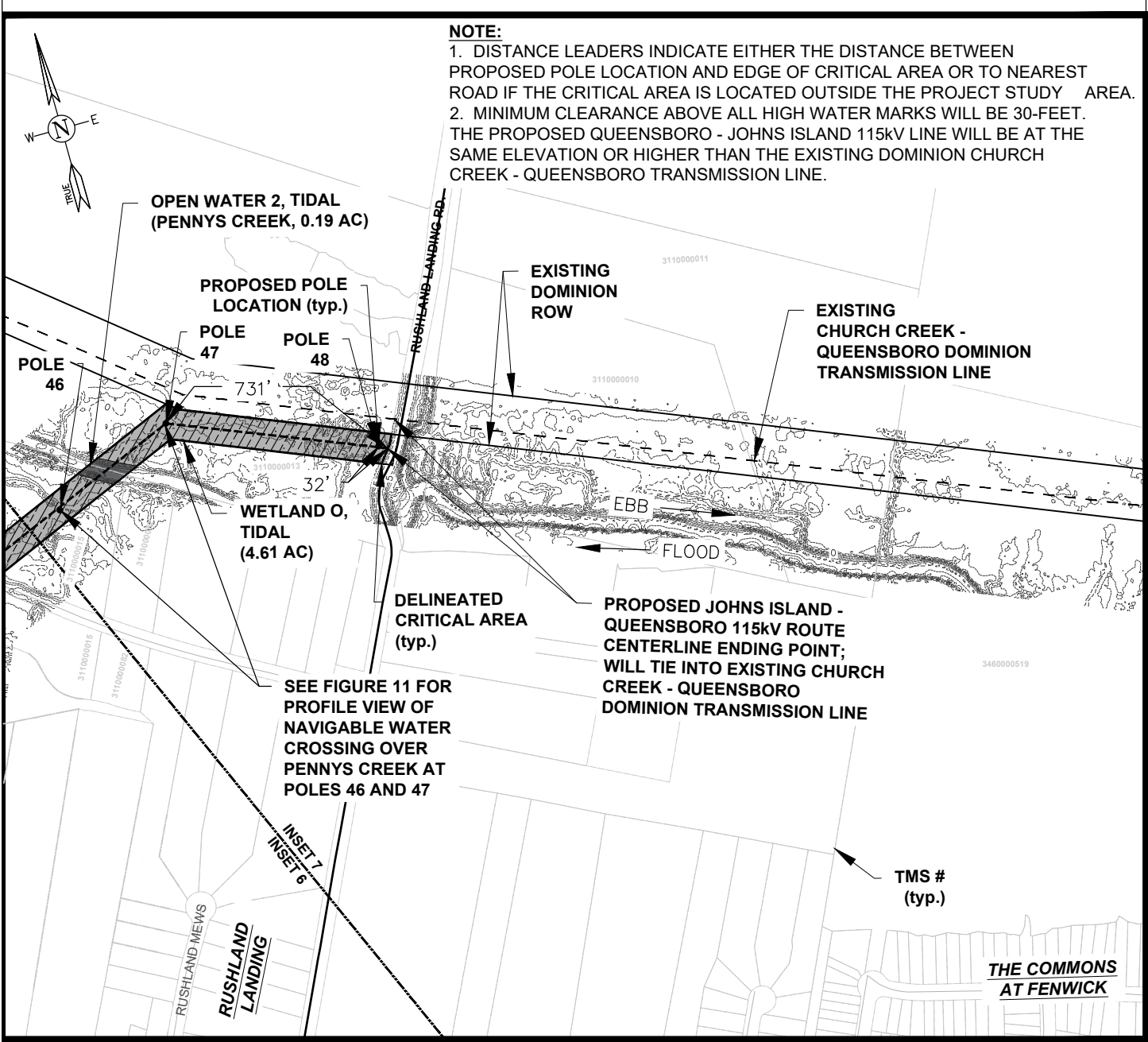


PREPARED BY: BWS	DATE: 09/17/20	CHECKED BY: AWC	JOB NUMBER: 6250-16-0115.06	FIGURE: 8
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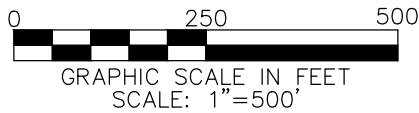
**NOTE:**

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.



SEE FIGURE 11 FOR PROFILE VIEW OF NAVIGABLE WATER CROSSING OVER PENNY'S CREEK AT POLES 46 AND 47

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



PREPARED BY: BWS

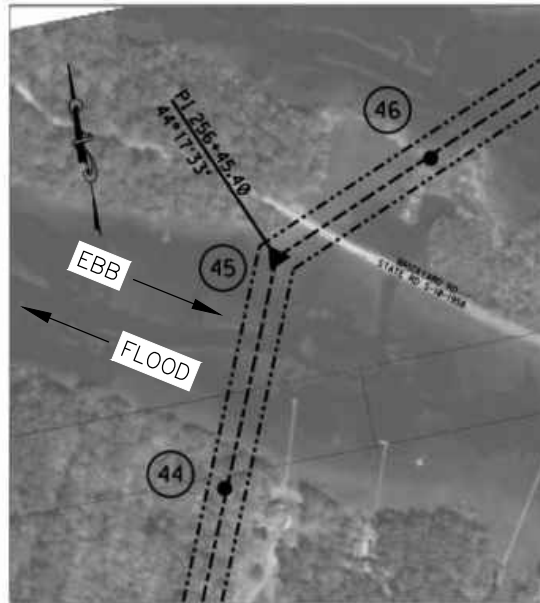
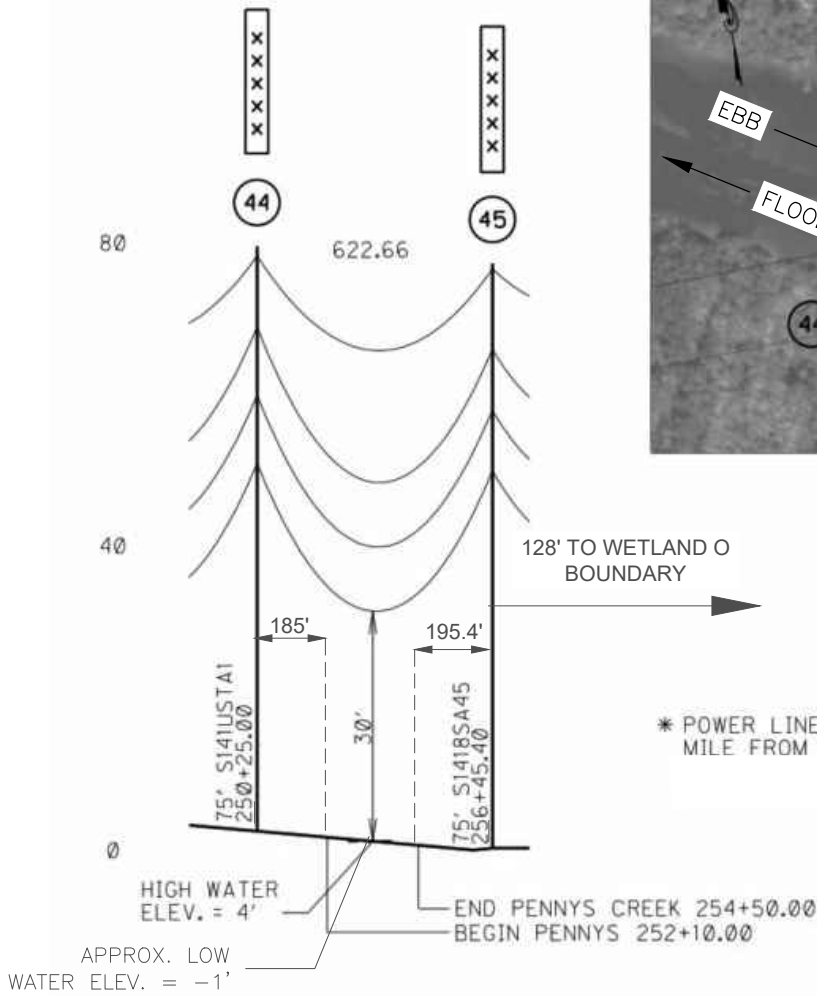
DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 9

ELEV.



PLAN

\* POWER LINE CROSSING IS APPROX. 0.95 MILE FROM SWYGERT 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

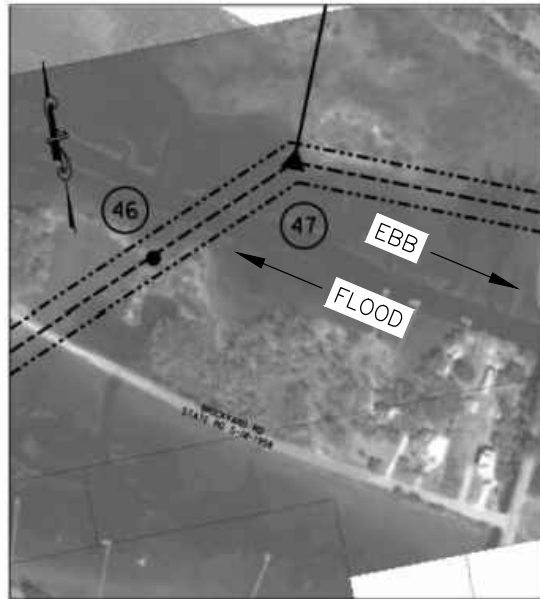
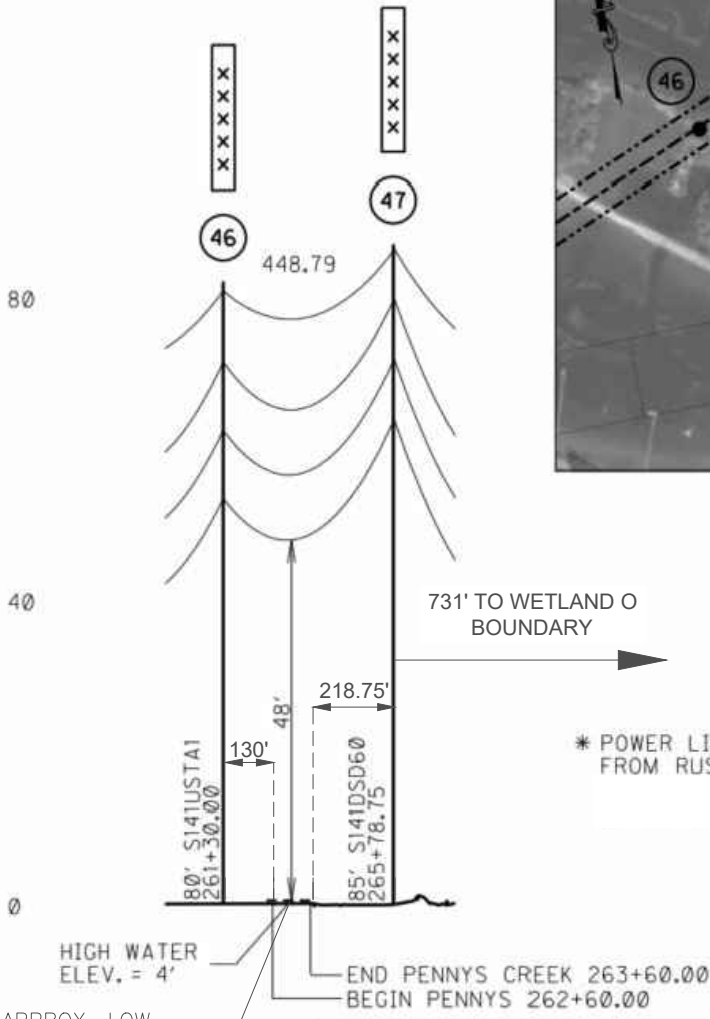
DATE: 09/17/20

CHECKED BY: AWC

JOB NUMBER: 6250-16-0115.06

FIGURE: 10

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.

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.



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