



**DEPARTMENT OF THE ARMY**  
CHARLESTON DISTRICT, CORPS OF ENGINEERS  
69A HAGOOD AVENUE  
CHARLESTON, SOUTH CAROLINA 29403

Regulatory Division

JAN 13 2020

Mr. Cody Conner  
Infrastructure Consulting & Engineering  
1021 Briargate Circle  
Columbia, SC 29210  
[cody.conner@ice-eng.com](mailto:cody.conner@ice-eng.com)

Dear Mr. Conner:

This is in response to your request on behalf of the City of Beaufort received August 19, 2019 for a Department of the Army Permit to conduct maintenance activities to mitigate flood events in an area called the Mossy Oaks Basin 1. The activities associated with this project are described in detail on the enclosed permit drawings entitled "Mossy Oak Basin 1 Improvement Project" sheets 1-10 of 10, prepared by Infrastructure Consulting & Engineering, and dated August 16, 2019. In submitting the application, you requested verification that the proposed project is authorized under the Department of the Army Nationwide Permit (NWP) Program.

Department of the Army authorization is necessary because your project will involve work in waters of the U.S.

As of October 3, 2019 more than 45 calendar days have passed since your pre-construction notice was received. In accordance with 2017 NWP General Condition 32(a)(2), you were authorized to begin your activity under NWP 3 – Maintenance and NWP 18 – Minor Discharges on October 3, 2019 since you did not receive written notice from the district or division engineer.

It is incumbent upon you to construct your activity in compliance with the terms and conditions of the NWP. The 2017 NWPs along with the current Regional and General Conditions can be accessed by clicking on "Nationwide Permits" at the following website:

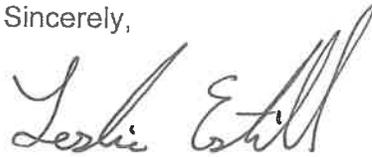
<https://www.sac.usace.army.mil/Missions/Regulatory/Permitting-Process/>

The Nationwide Permits are due to expire on March 19, 2022, unless the NWPs are modified, reissued, or revoked. It is incumbent upon you to remain informed of changes to the NWPs. You may still need State or local consent. Prior to performing the work, you should contact the South Carolina Department of Environmental Control, Bureau of Water and/or the Office of Ocean and Coastal Resource Management. A copy of this notification is being forwarded to State and/or Federal agencies for their information.



In all future correspondence, please refer to file number SAC-2018-01479. If you have any questions, please contact Mr. Tyler Sgro at 843-329-8044, or by email at [Tyler.L.Sgro@usace.army.mil](mailto:Tyler.L.Sgro@usace.army.mil).

Sincerely,

A handwritten signature in black ink, appearing to read "Leslie Estill". The signature is fluid and cursive, with the first name "Leslie" and the last name "Estill" clearly distinguishable.

Leslie Estill  
Team Lead

Enclosure:  
Permit Drawings

Copy Furnished:

Mr. Neil Pugliese  
City of Beaufort  
1911 Boundary Street  
Beaufort, SC 29902  
[npugliese@cityofbeaufort](mailto:npugliese@cityofbeaufort)

SCDHEC – Bureau of Water  
2600 Bull Street  
Columbia, SC 29201  
[WQCWetlands@dhec.sc.gov](mailto:WQCWetlands@dhec.sc.gov)

SCDHEC - OCRM  
1362 McMillan Avenue, Suite 400  
North Charleston, SC 29405  
[OCRMPermitting@dhec.sc.gov](mailto:OCRMPermitting@dhec.sc.gov)

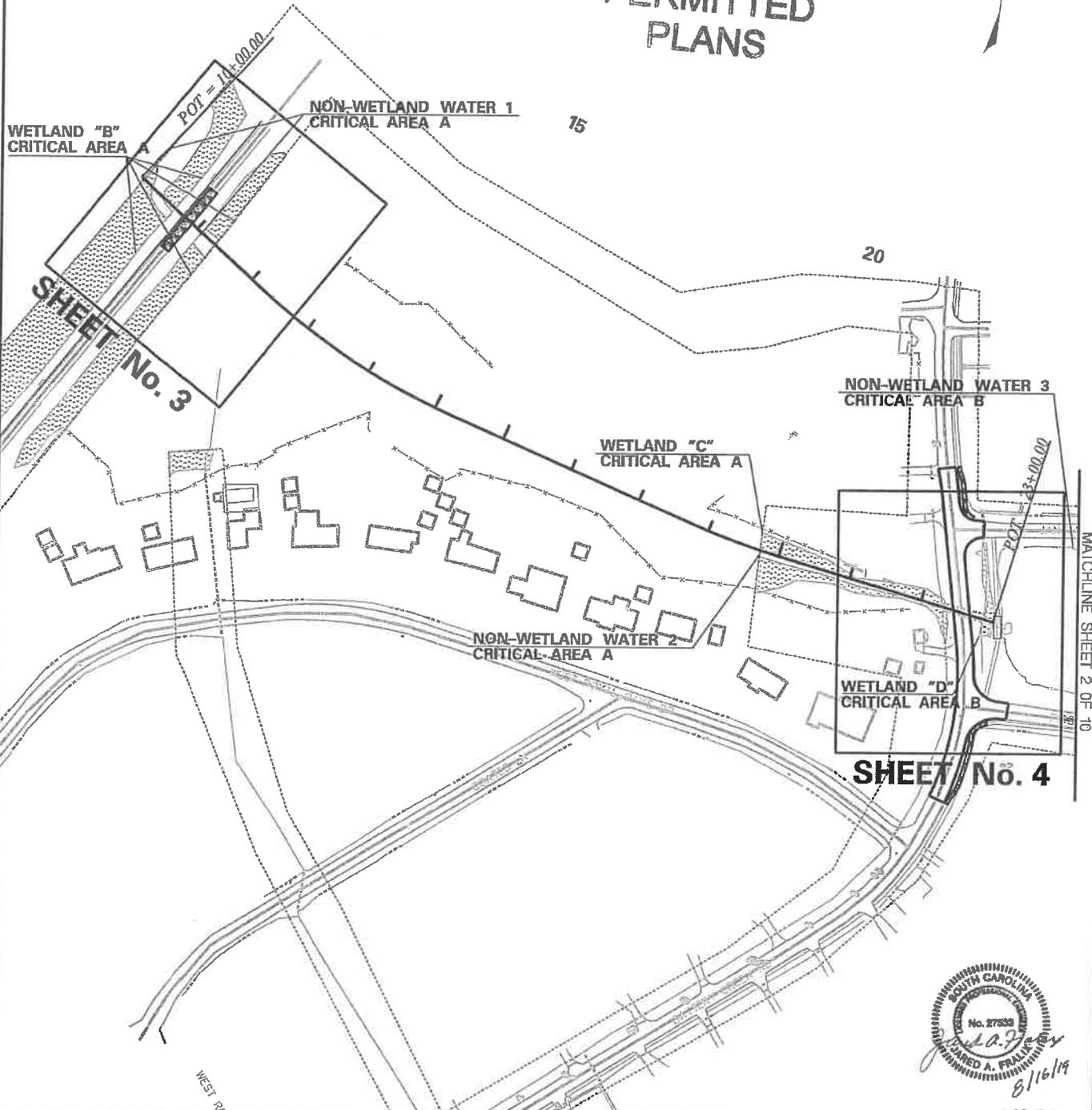
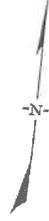


**PROJECT TOTAL IMPACTS:**

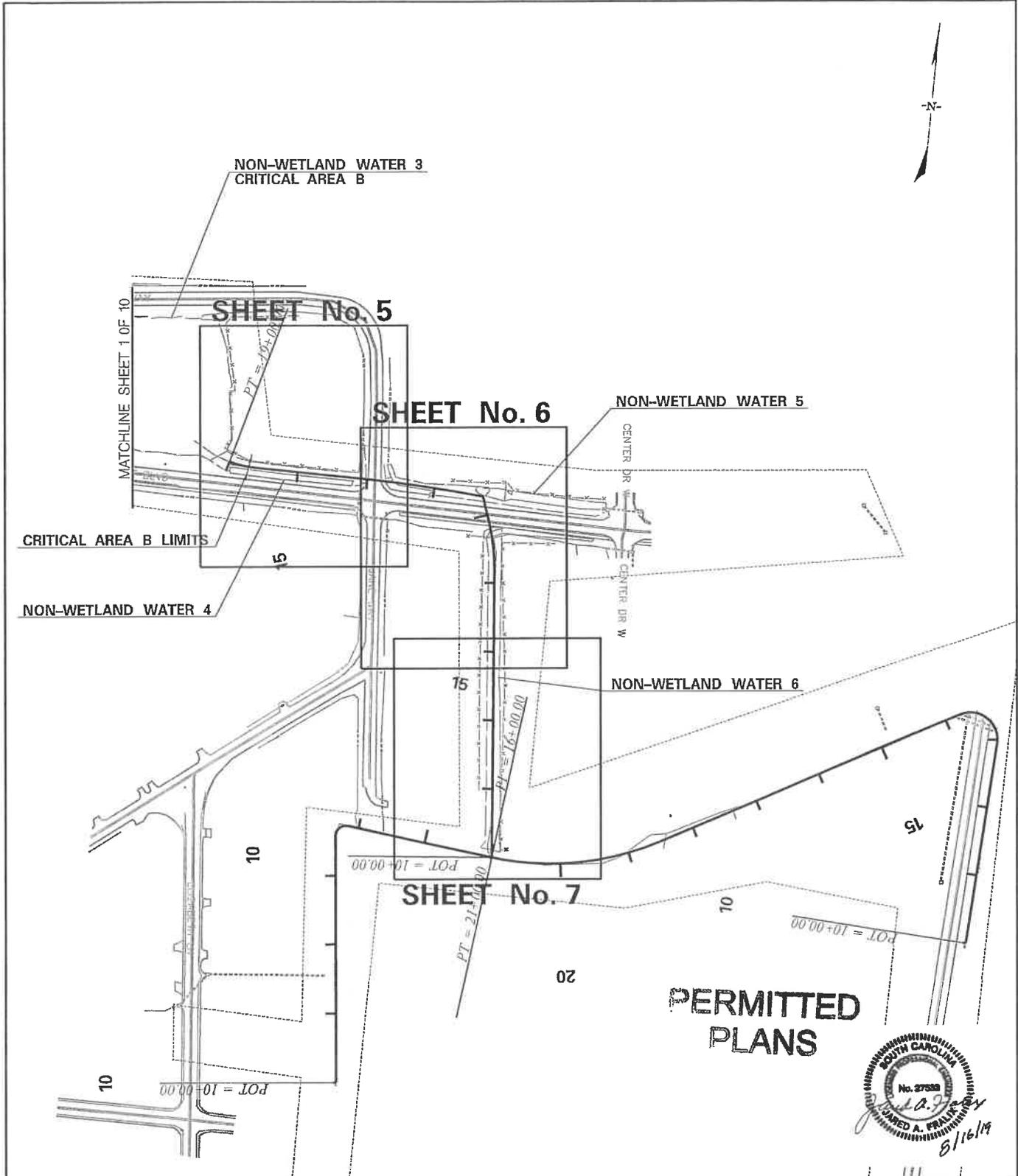
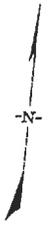
WETLAND FILL = 1092 SF, 0.0245 ACRE  
 WETLAND CLEARING = 297 SF, 0.0067 ACRE  
 NON-WETLAND WATER FILL = 1206 SF, 0.028 ACRE, 82 LF  
 CRITICAL AREA FILL = 1811 SF, 0.0415 ACRE  
 CRITICAL AREA CLEARING = 297 SF, 0.0067 ACRE

10

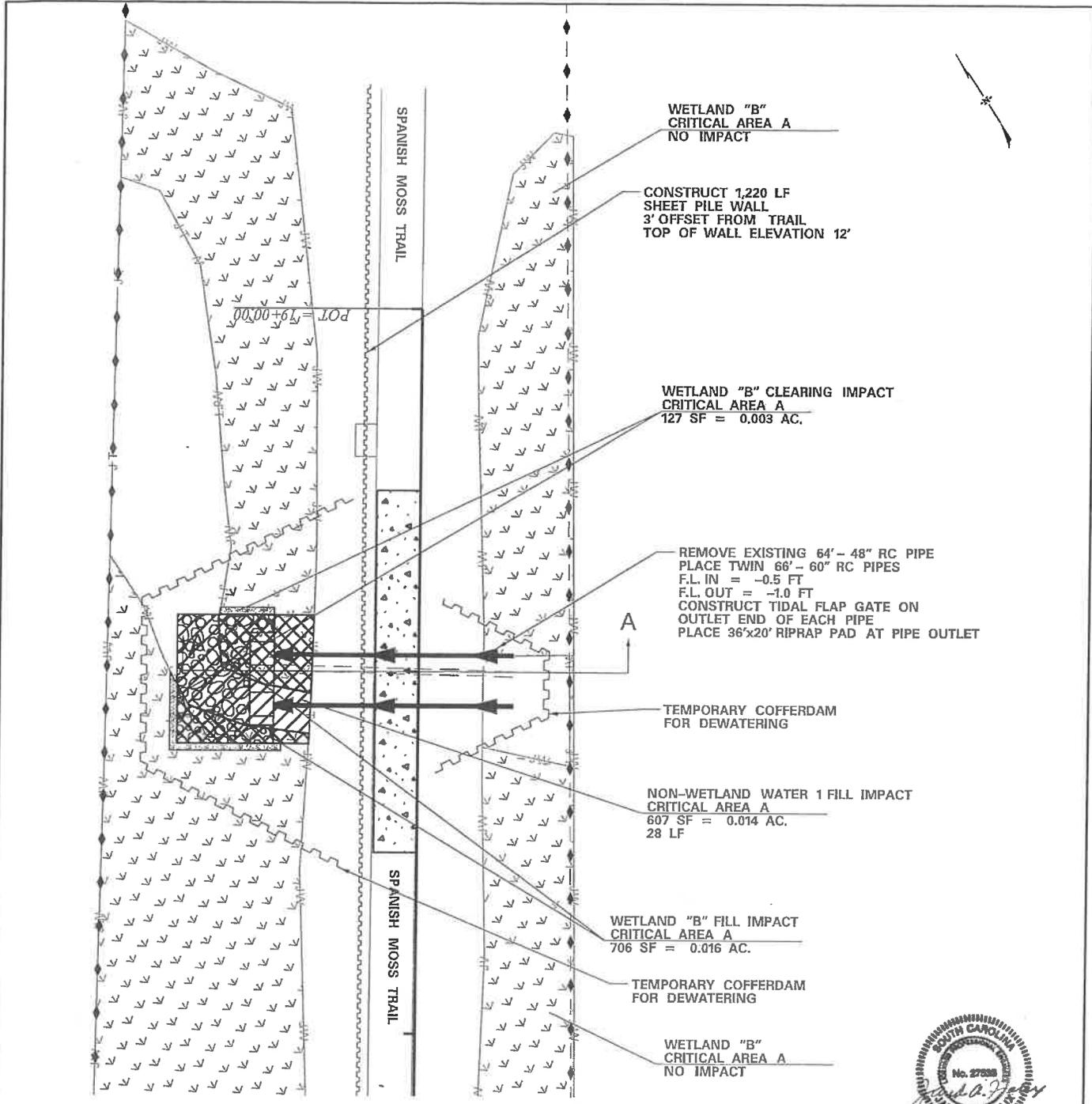
**PERMITTED PLANS**



APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT		SHEET INDEX	MOSSY OAK BASIN 1 IMPROVEMENT PROJECT
		N.T.S.	SHEET No. 1 OF 10



APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
<p style="text-align: center;">CITY OF BEAUFORT</p>		SHEET INDEX	MOSSY OAK BASIN 1 IMPROVEMENT PROJECT
		N.T.S.	



WETLAND "B"  
CRITICAL AREA A  
NO IMPACT

CONSTRUCT 1,220 LF  
SHEET PILE WALL  
3' OFFSET FROM TRAIL  
TOP OF WALL ELEVATION 12'

WETLAND "B" CLEARING IMPACT  
CRITICAL AREA A  
127 SF = 0.003 AC.

REMOVE EXISTING 64' - 48" RC PIPE  
PLACE TWIN 66' - 60" RC PIPES  
F.L. IN = -0.5 FT  
F.L. OUT = -1.0 FT  
CONSTRUCT TIDAL FLAP GATE ON  
OUTLET END OF EACH PIPE  
PLACE 36'x20' RIPRAP PAD AT PIPE OUTLET

TEMPORARY COFFERDAM  
FOR DEWATERING

NON-WETLAND WATER 1 FILL IMPACT  
CRITICAL AREA A  
607 SF = 0.014 AC.  
28 LF

WETLAND "B" FILL IMPACT  
CRITICAL AREA A  
706 SF = 0.016 AC.

TEMPORARY COFFERDAM  
FOR DEWATERING

WETLAND "B"  
CRITICAL AREA A  
NO IMPACT

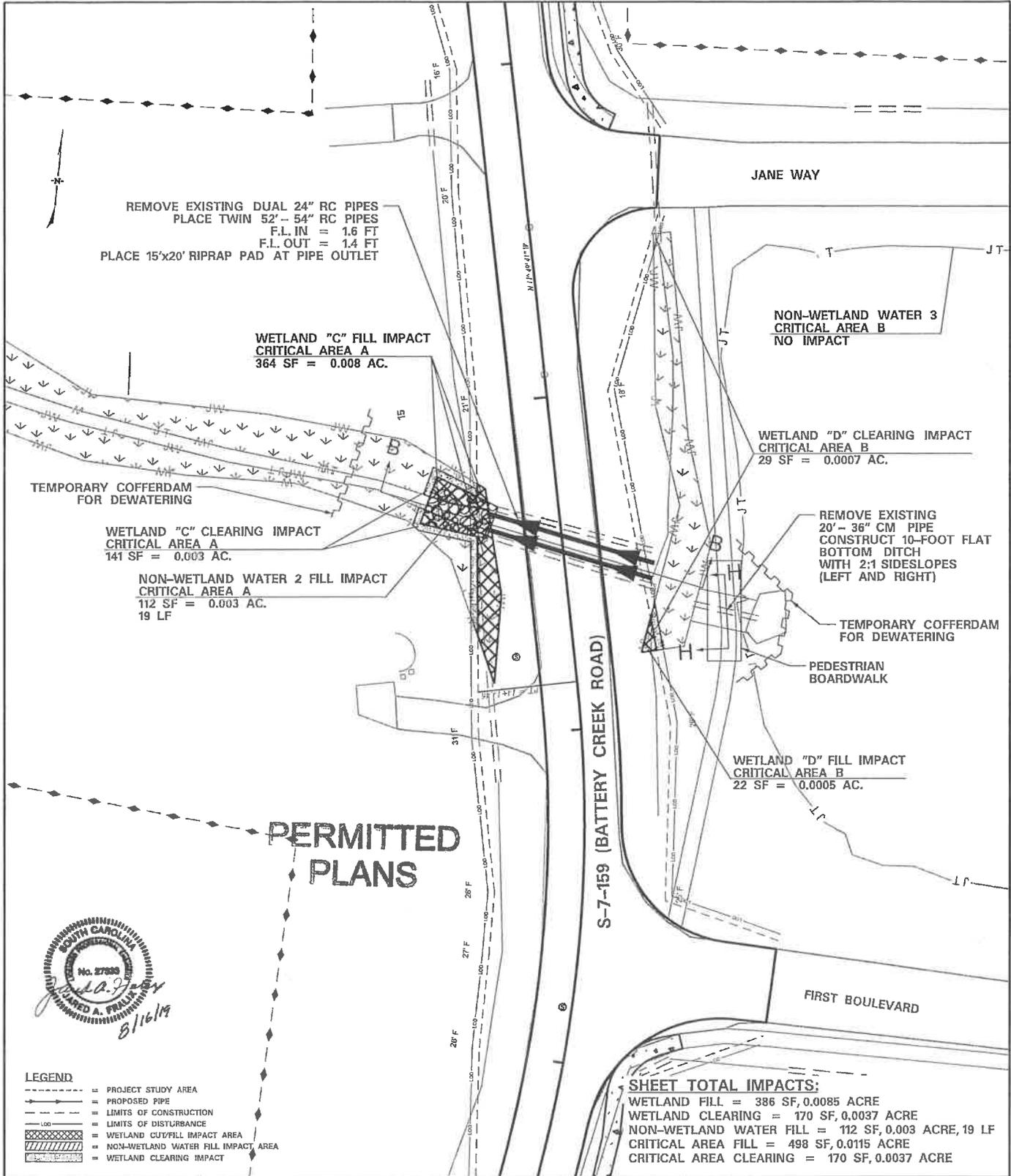


- LEGEND**
- PROJECT STUDY AREA
  - PROPOSED PIPE
  - LIMITS OF CONSTRUCTION
  - LIMITS OF DISTURBANCE
  - WETLAND CUT/FILL IMPACT AREA
  - NON-WETLAND WATER FILL IMPACT AREA
  - WETLAND CLEARING IMPACT

# PERMITTED PLANS

**SHEET TOTAL IMPACTS:**  
 WETLAND FILL = 706 SF, 0.016 ACRE  
 WETLAND CLEARING = 127 SF, 0.003 ACRE  
 NON-WETLAND WATER FILL = 607 SF, 0.014 ACRE, 28 LF  
 CRITICAL AREA FILL = 1313 SF, 0.030 ACRE  
 CRITICAL AREA CLEARING = 127 SF, 0.003 ACRE

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT	JE INFRASTRUCTURE CONSULTING & ENGINEERING	WETLAND IMPACT PLAN VIEW	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT
		SCALE: 1" = 40'	



REMOVE EXISTING DUAL 24" RC PIPES  
 PLACE TWIN 52" - 54" RC PIPES  
 F.L. IN = 1.6 FT  
 F.L. OUT = 1.4 FT  
 PLACE 15'x20' RIPRAP PAD AT PIPE OUTLET

WETLAND "C" FILL IMPACT  
 CRITICAL AREA A  
 364 SF = 0.008 AC.

NON-WETLAND WATER 3  
 CRITICAL AREA B  
 NO IMPACT

WETLAND "D" CLEARING IMPACT  
 CRITICAL AREA B  
 29 SF = 0.0007 AC.

TEMPORARY COFFERDAM  
 FOR DEWATERING

WETLAND "C" CLEARING IMPACT  
 CRITICAL AREA A  
 141 SF = 0.003 AC.

NON-WETLAND WATER 2 FILL IMPACT  
 CRITICAL AREA A  
 112 SF = 0.003 AC.  
 19 LF

REMOVE EXISTING  
 20" - 36" CM PIPE  
 CONSTRUCT 10-FOOT FLAT  
 BOTTOM DITCH  
 WITH 2:1 SIDESLOPES  
 (LEFT AND RIGHT)

TEMPORARY COFFERDAM  
 FOR DEWATERING

PEDESTRIAN  
 BOARDWALK

WETLAND "D" FILL IMPACT  
 CRITICAL AREA B  
 22 SF = 0.0005 AC.

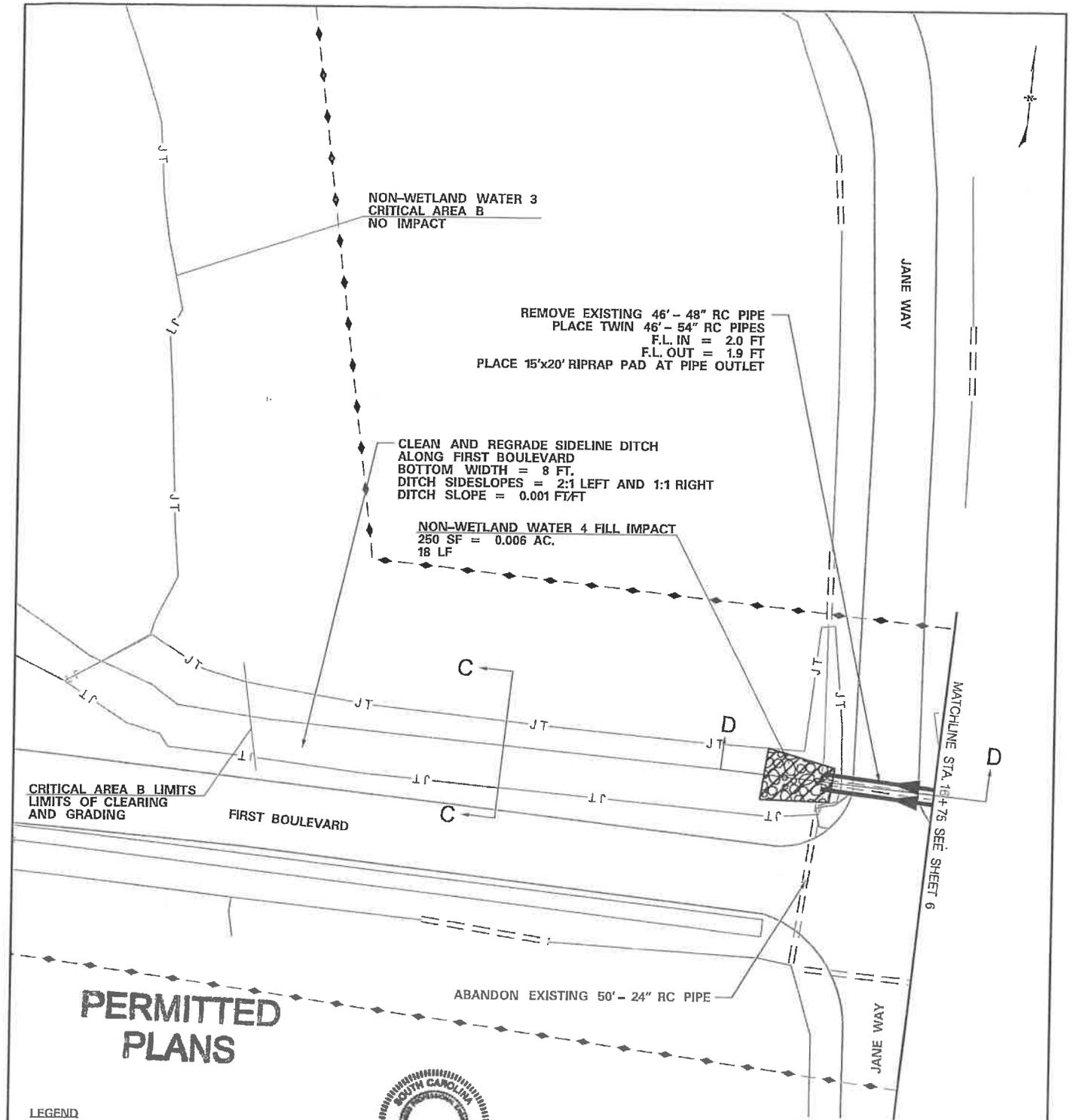
**PERMITTED  
 PLANS**



- LEGEND**
- PROJECT STUDY AREA
  - PROPOSED PIPE
  - LIMITS OF CONSTRUCTION
  - LIMITS OF DISTURBANCE
  - WETLAND CUT/FILL IMPACT AREA
  - NON-WETLAND WATER FILL IMPACT AREA
  - WETLAND CLEARING IMPACT

**SHEET TOTAL IMPACTS:**  
 WETLAND FILL = 386 SF, 0.0085 ACRE  
 WETLAND CLEARING = 170 SF, 0.0037 ACRE  
 NON-WETLAND WATER FILL = 112 SF, 0.003 ACRE, 19 LF  
 CRITICAL AREA FILL = 498 SF, 0.0115 ACRE  
 CRITICAL AREA CLEARING = 170 SF, 0.0037 ACRE

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT		WETLAND IMPACT PLAN VIEW  SCALE: 1" = 40'	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT



**PERMITTED PLANS**

**LEGEND**

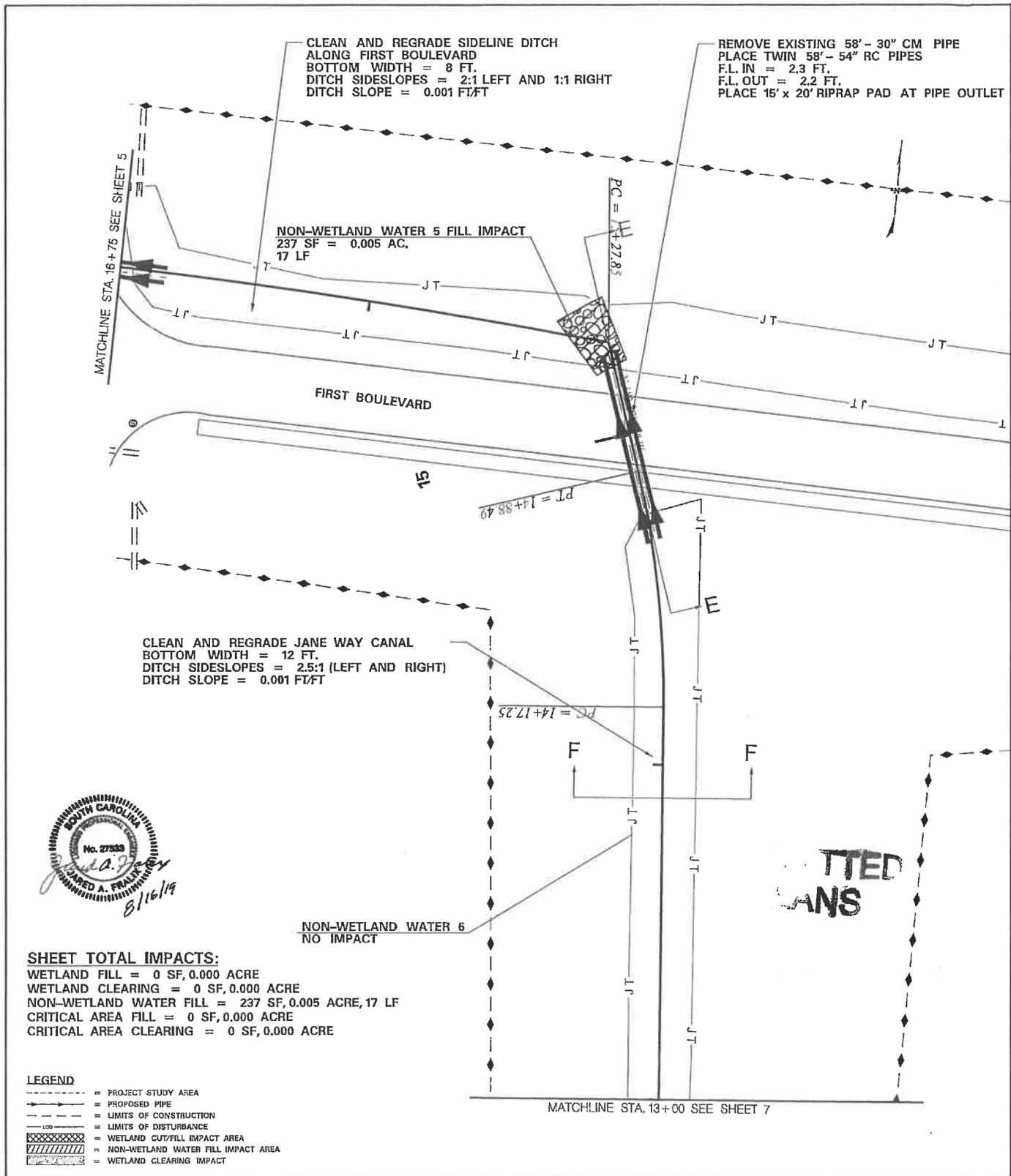
- = PROJECT STUDY AREA
- = PROPOSED PIPE
- = LIMITS OF CONSTRUCTION
- = LIMITS OF DISTURBANCE
- = WETLAND CUT/FILL IMPACT AREA
- = NON-WETLAND WATER FILL IMPACT AREA
- = WETLAND CLEARING IMPACT



**SHEET TOTAL IMPACTS:**

- WETLAND FILL = 0 SF, 0.000 ACRE
- WETLAND CLEARING = 0 SF, 0.000 ACRE
- NON-WETLAND WATER FILL = 250 SF, 0.006 ACRE, 18 LF
- CRITICAL AREA FILL = 0 SF, 0.000 ACRE
- CRITICAL AREA CLEARING = 0 SF, 0.000 ACRE

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT		WETLAND IMPACT PLAN VIEW  SCALE: 1" = 40'	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT  SHEET No. 5 OF 10



**SHEET TOTAL IMPACTS:**  
 WETLAND FILL = 0 SF, 0.000 ACRE  
 WETLAND CLEARING = 0 SF, 0.000 ACRE  
 NON-WETLAND WATER FILL = 237 SF, 0.005 ACRE, 17 LF  
 CRITICAL AREA FILL = 0 SF, 0.000 ACRE  
 CRITICAL AREA CLEARING = 0 SF, 0.000 ACRE

- LEGEND**
- PROJECT STUDY AREA
  - PROPOSED PIPE
  - LIMITS OF CONSTRUCTION
  - LIMITS OF DISTURBANCE
  - WETLAND CUT/FILL IMPACT AREA
  - NON-WETLAND WATER FILL IMPACT AREA
  - WETLAND CLEARING IMPACT

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT		WETLAND IMPACT PLAN VIEW	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT
		SCALE: 1" = 40'	
			SHEET No. 6 OF 10

MATCHLINE STA. 13+00 SEE SHEET 6

NON-WETLAND WATER 6  
NO IMPACT

CLEAN AND REGRADE JANE WAY CANAL  
BOTTOM WIDTH = 14 FT.  
DITCH SIDESLOPES = 2:1 LEFT AND  
2.5:1 RIGHT  
DITCH SLOPE = 0.001 FT/FT

G G

**PERMITTED  
PLANS**



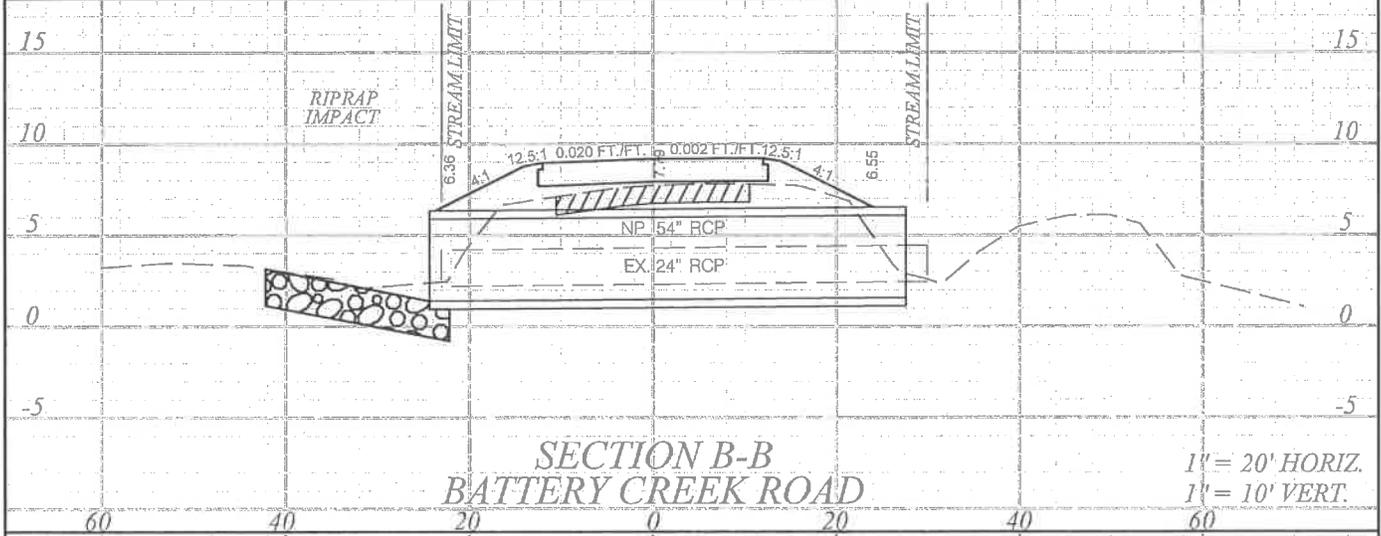
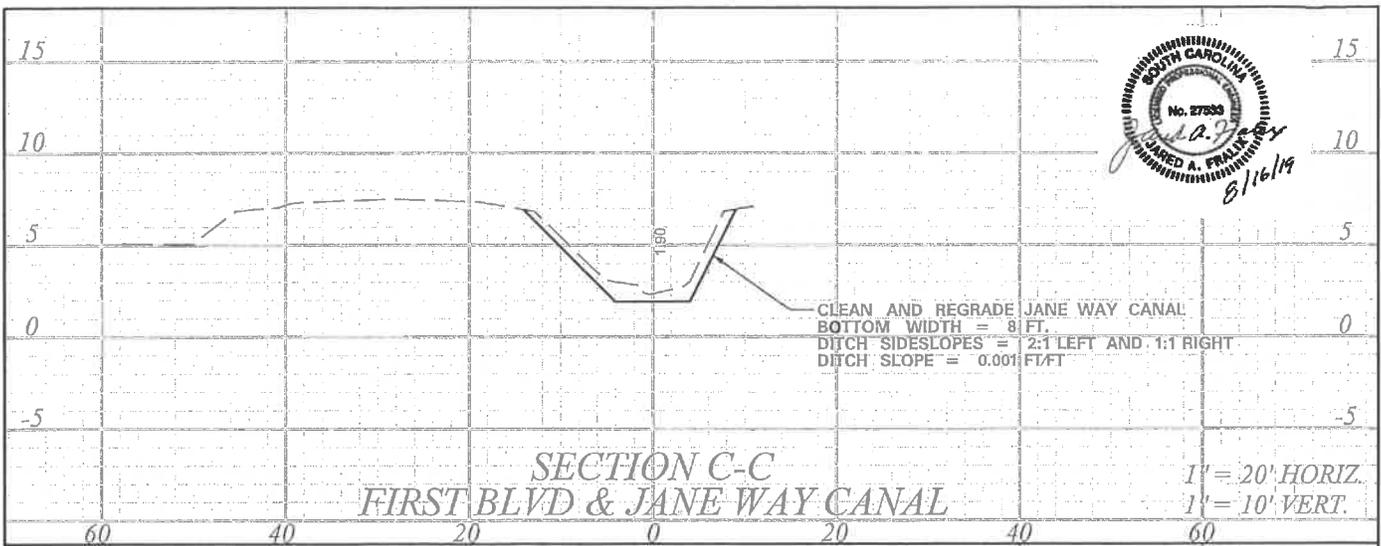
**LEGEND**

- = PROJECT STUDY AREA
- = PROPOSED PIPE
- - - - = LIMITS OF CONSTRUCTION
- - - - = LIMITS OF DISTURBANCE
- 100' = LIMITS OF DISTURBANCE
- [Hatched Box] = WETLAND CUT/FILL IMPACT AREA
- [Cross-hatched Box] = NON-WETLAND WATER FILL IMPACT AREA
- [Dotted Box] = WETLAND CLEARING IMPACT

**SHEET TOTAL IMPACTS:**

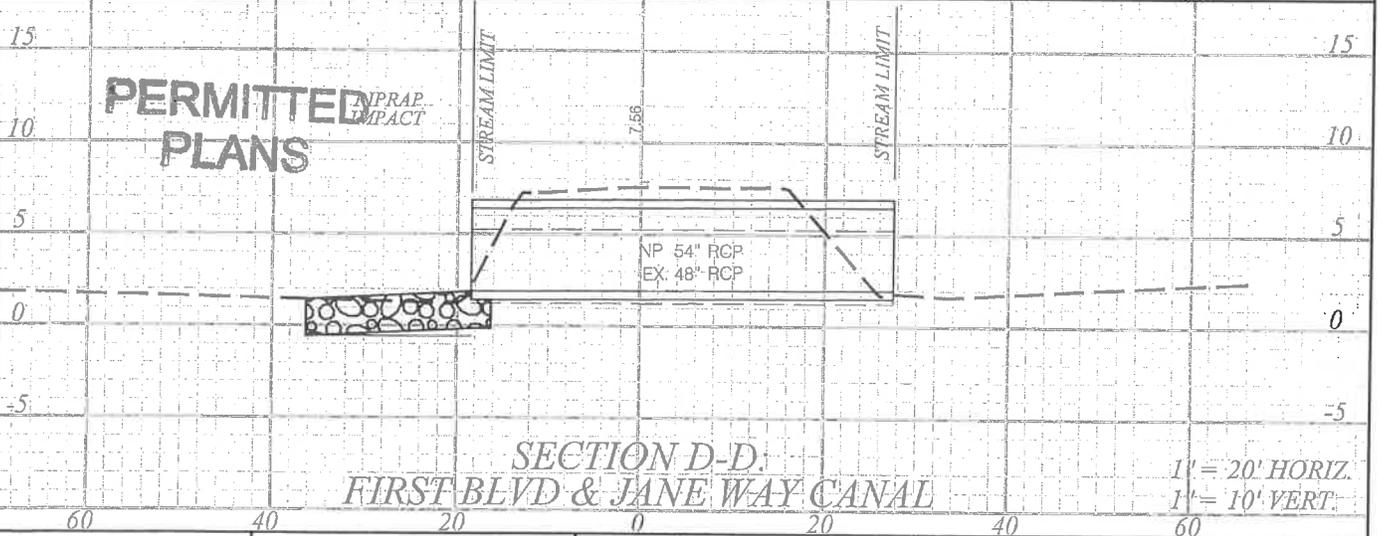
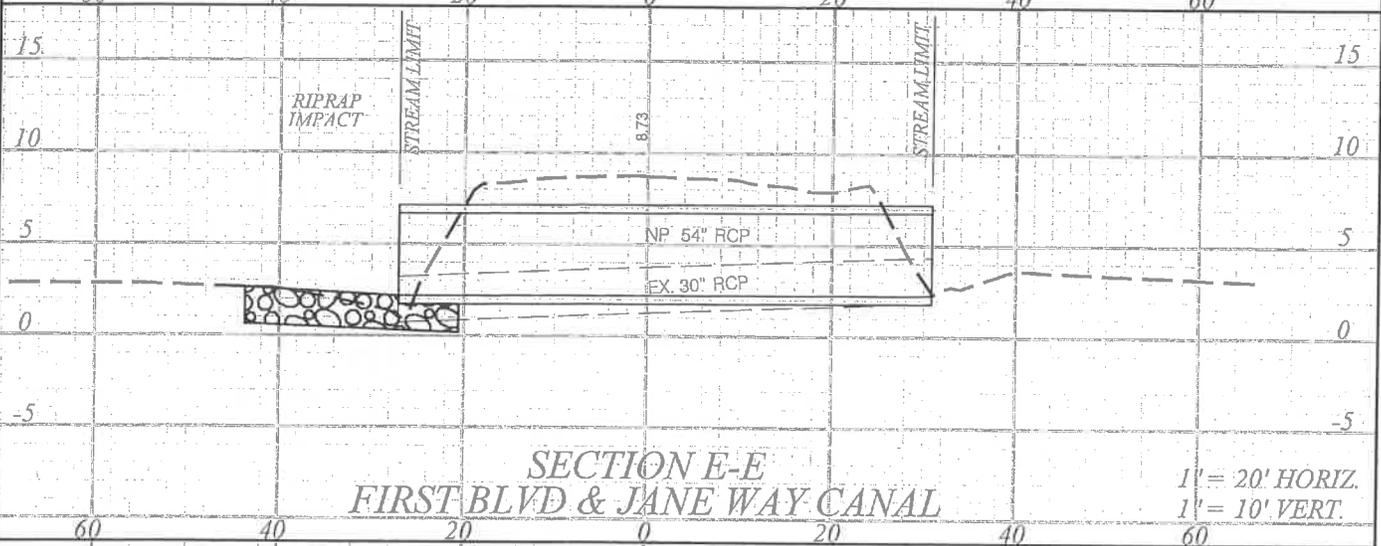
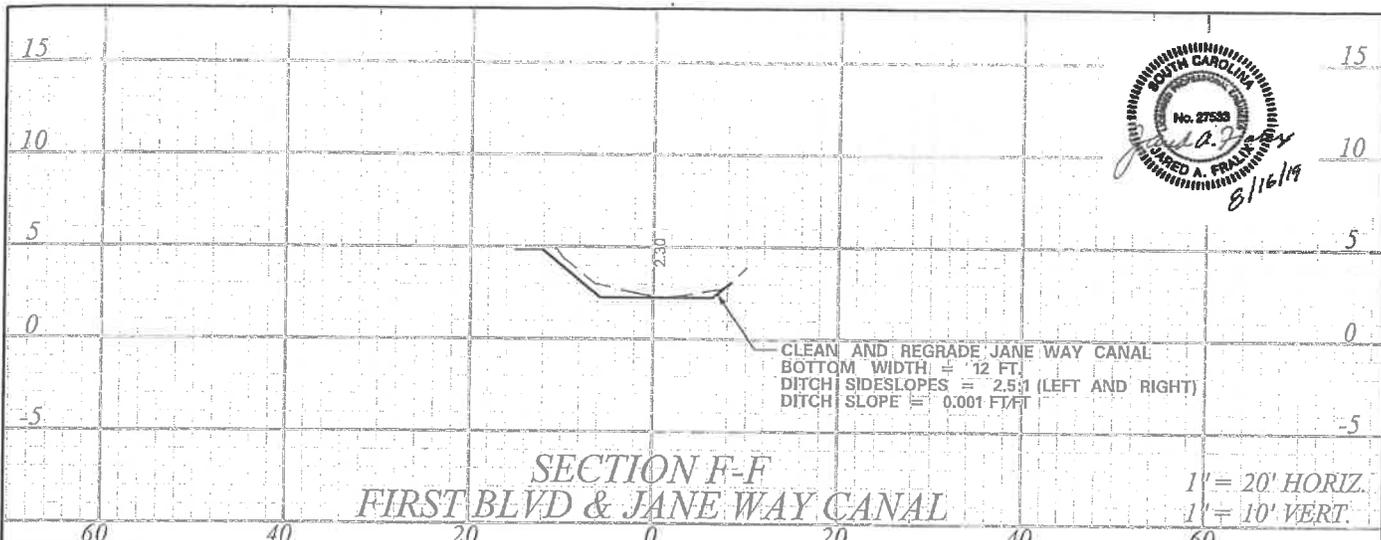
WETLAND FILL = 0 SF, 0.000 ACRE  
 WETLAND CLEARING = 0 SF, 0.000 ACRE  
 NON-WETLAND WATER FILL = 0 SF, 0.000 ACRE, 0 LF  
 CRITICAL AREA FILL = 0 SF, 0.000 ACRE  
 CRITICAL AREA CLEARING = 0 SF, 0.000 ACRE

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT	JE INFRASTRUCTURE CONSULTING & ENGINEERING	WETLAND IMPACT PLAN VIEW	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT
		SCALE: 1" = 40'	
			SHEET No. 7 OF 10

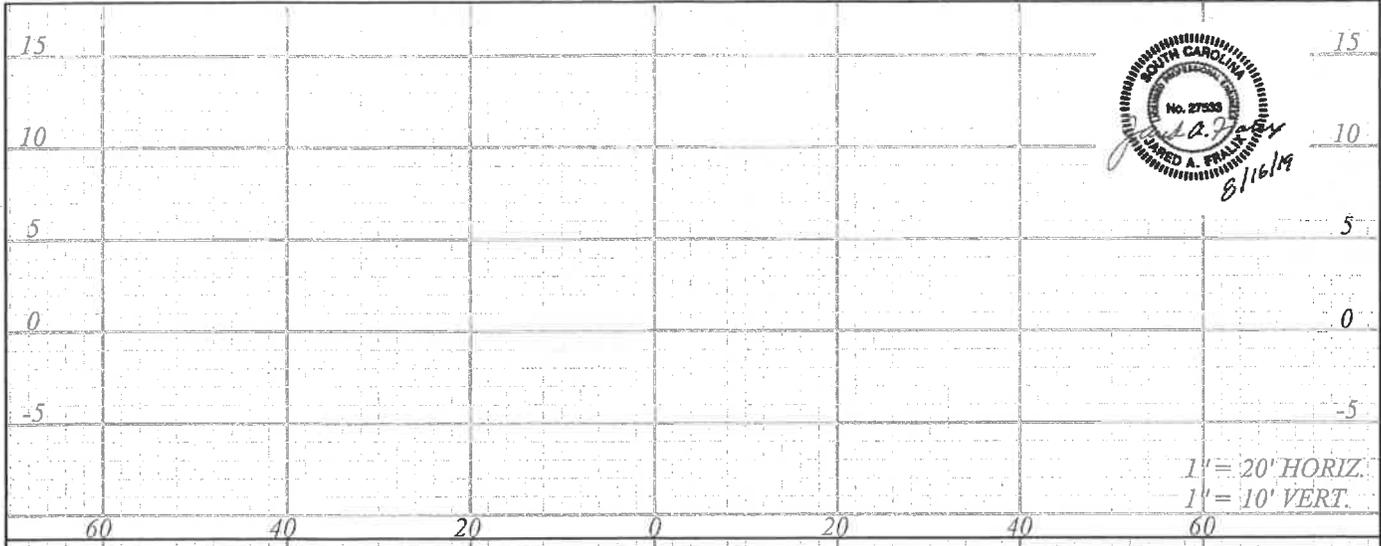


**PERMITTED PLANS**

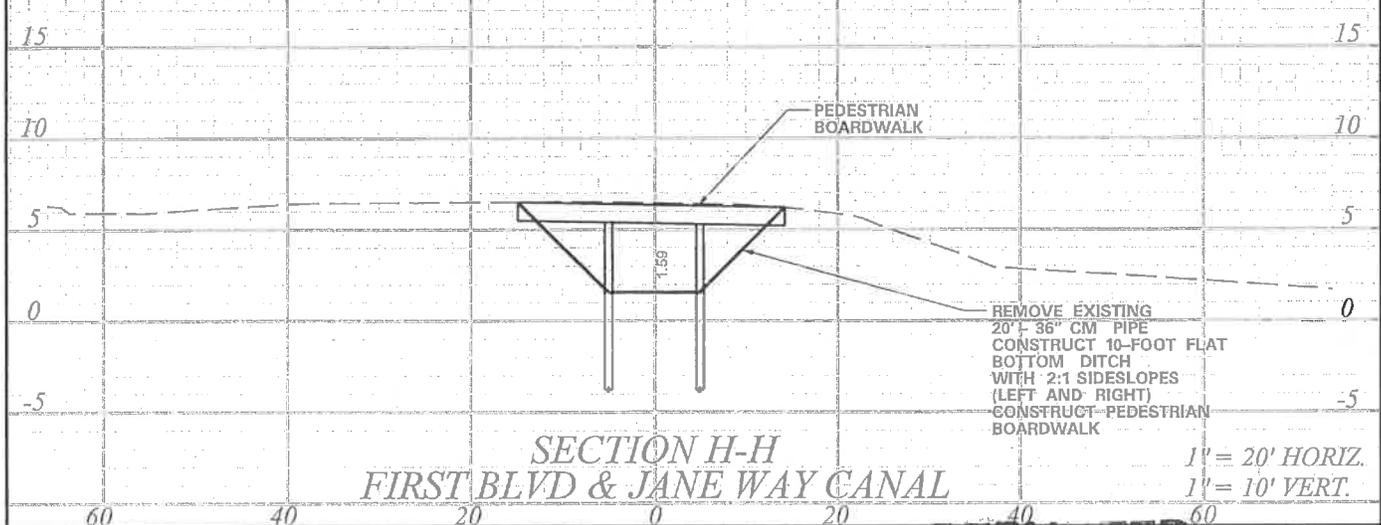
APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT	JE INFRASTRUCTURE CONSULTING & ENGINEERING	WETLAND CROSS-SECTION & PROFILES	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT



APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT	INFRASTRUCTURE CONSULTING & ENGINEERING	WETLAND CROSS-SECTION & PROFILES	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT
			SHEET No. 9 OF 10

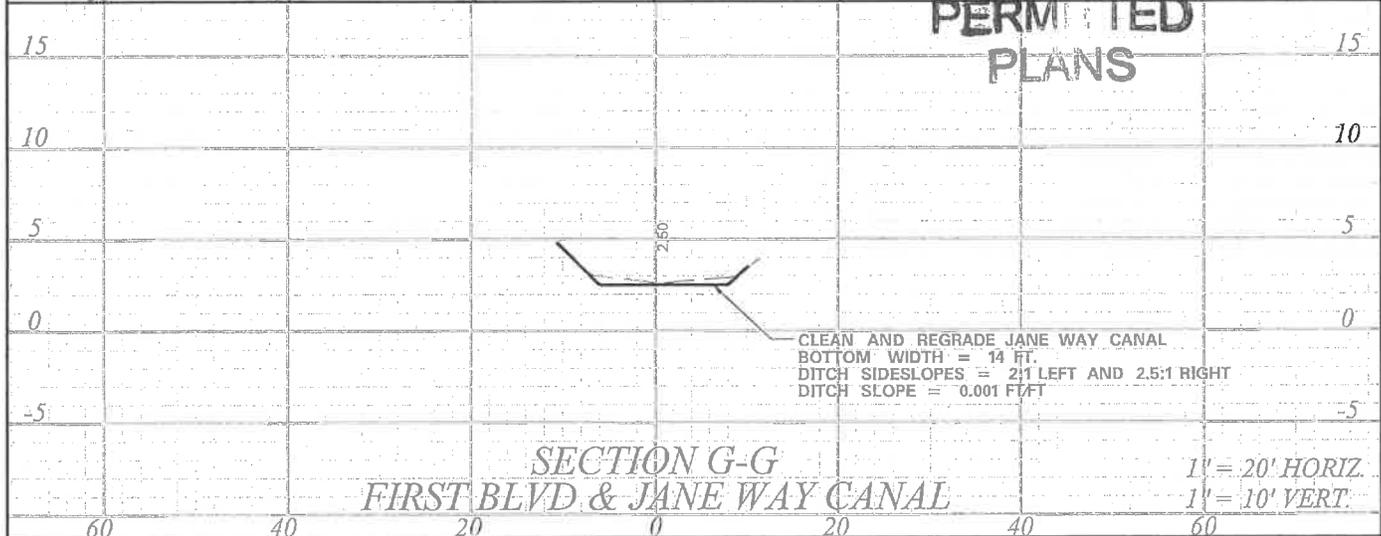


1" = 20' HORIZ.  
1" = 10' VERT.



1" = 20' HORIZ.  
1" = 10' VERT.

**PERMITTED PLANS**



1" = 20' HORIZ.  
1" = 10' VERT.

APPLICANT	PREPARED BY	SHEET TITLE	PROJECT TITLE
CITY OF BEAUFORT		WETLAND CROSS-SECTION & PROFILES	MOSSY OAKS BASIN 1 IMPROVEMENT PROJECT  SHEET No. 10 OF 10