



DEPARTMENT OF THE ARMY
CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A HAGOOD AVENUE
CHARLESTON, SC 29403-5107

12 MAR 2019

Regulatory Division

Mr. Dennis Averkin
Town of Ridgeland
PO Box 1119
Ridgeland, South Carolina 29936

COPY

Dear Mr. Averkin:

This letter is in response to a Pre-Construction Notification (PCN) (SAC-2010-00844) which we received on October 30, 2018, and was considered complete on January 24, 2019. By submittal of the PCN, you requested verification that the proposed project is authorized by a Department of the Army (DA) Nationwide Permit (NWP).

The PCN contains the following identifying information for this project. The work affecting waters of the United States is part of an overall project known as James F. Taylor Project Site, to perform maintenance activities on an existing armored tributary. The activities in waters of the United States include the excavation of 23 cubic yards (764 square feet) of accumulated sediment from the outfall end of the existing, downstream box culvert under James Taylor Drive, the replacement of 18 cubic yards (325 square feet) of riprap at the base of the tributary bank on the intake end of the existing, downstream box culvert under James Taylor Drive, the replacement of 38 cubic yards (685 square feet) of riprap at the base of the tributary bank at the upstream end of the tributary, and the placement of 10 cubic yards (229 square feet) of new riprap in a scour depression at the outfall end of the upstream culvert. Additional work that will occur above the Ordinary High Water Line of the tributary and does not require authorization includes the installation of a sheet pile bulkhead and the addition of replacement riprap stone. The project involves impacts to not more than 0.1 acre of waters of the United States. Specifically, this letter authorizes impacts to 0.1 acre of tributary. The project is located within a tributary that is adjacent to James Taylor Drive in the Town of Ridgeland, Jasper County, South Carolina (Latitude: 32.4791 °N, Longitude: -80.9732 °W). The PCN also includes the following supplemental information:

- a. Drawing sheets 1-12 of 12 titled "James F. Taylor Project Site NWP-3 Maintenance, SAC-2010-00844" and dated January 2019.

Based on a review of the PCN, including the supplemental information indicated above, it has been determined that the proposed activity will result in minimal individual and cumulative adverse environmental effects and is not contrary to the public interest. Furthermore, the activity meets the terms and conditions of Nationwide Permit 3 - Maintenance.

For this authorization to remain valid, the project must comply with the enclosed NWP General Conditions, Charleston District Regional Conditions, and the following special conditions:

- a. That impacts to aquatic areas do not exceed those specified in the above mentioned PCN, including any supplemental information or revised permit drawings that were submitted to the Corps by the permittee.
- b. That the construction, use, and maintenance of the authorized activity is in accordance with the information given in the PCN, including the supplemental information listed above, and is subject to any conditions or restrictions imposed by this letter.
- c. That the permittee shall submit the attached signed compliance certification to the Corps within 30 days following completion of the authorized work.

This verification is valid until March 18, 2022, unless the district engineer modifies, suspends, or revokes the NWP authorization in accordance with 33 CFR 330.5(d). If prior to this date, the NWP authorization is reissued without modification or the activity complies with any subsequent modification of the NWP authorization, the verification continues to remain valid until March 18, 2022. If you commence, or are under contract to commence, this activity before the NWP expires, or the NWP is modified, suspended, or revoked by the Chief of Engineers or division engineer in accordance with 33 CFR 330.5(b) or (c), respectively, so that the activity would no longer comply with the terms and conditions of the NWP, you will have 12 months after the date the NWP expires or is modified, suspended, or revoked, to complete the activity under the present terms and conditions of this NWP.

This NWP is being verified based on the information you have provided. It is your responsibility to read the attached NWP(s) along with the General, Regional, and Special Conditions before you begin work. If you determine that your project will not be able to meet the NWP and the conditions, you must contact the Corps before you proceed.

In all future correspondence concerning this matter, please refer to our file number SAC-2010-00844. A copy of this letter is being forwarded to certain State and/or Federal agencies for their information. If you have any questions concerning this matter, please contact Tracy D. Sanders, Project Manager, at (843) 329-8190.

Sincerely,


STEVENS, COURTNEY.
MICHELE.1364845916
2019.03.12 15:13:58
-04'00'

Courtney M. Stevens
Watershed Manager

Enclosures

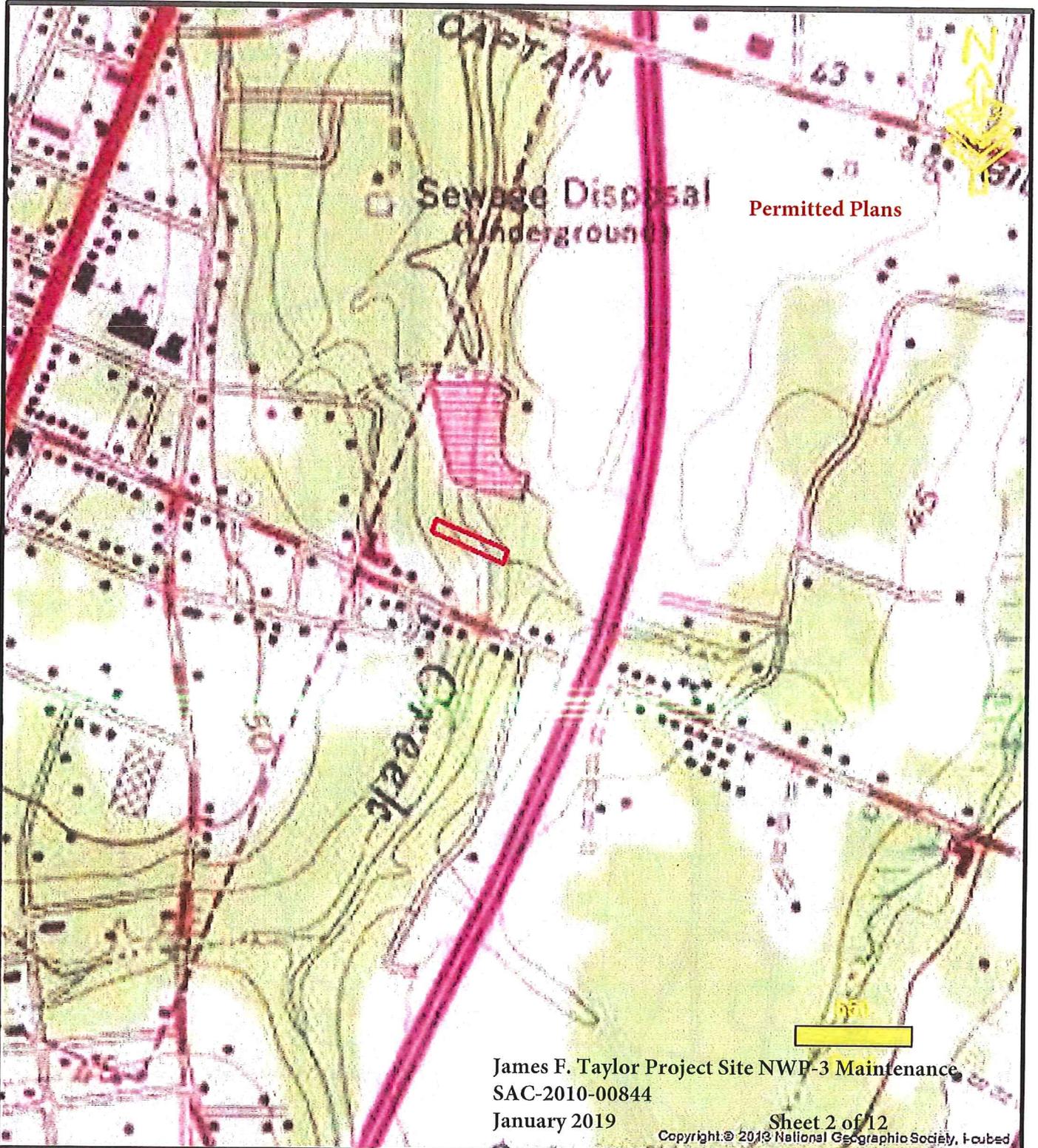
Permit Drawings
Nationwide Permit 3 - Maintenance
Nationwide Permit General Conditions
Nationwide Permit Regional Conditions
Compliance Certification Form

Copies Furnished:

Mr. Asher Howell
Newkirk Environmental, Inc.
73 Sea Island Parkway, Suite 20
Beaufort, South Carolina 29907

South Carolina Department of
Health and Environmental Control
Bureau of Water
2600 Bull Street
Columbia, South Carolina 29201

South Carolina Department of Health
and Environmental Control
Office of Ocean and Coastal
Resource Management
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405



James F. Taylor Project Site NWP-3 Maintenance
 SAC-2010-00844
 January 2019

Sheet 2 of 12
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Topographical Exhibit

Project #: 04-4036a Date: January 2019

Created by: AH

Town of Ridgeland Tributary Project
 Jasper County, SC

Legend

 **Approximate Project Limits**

Permitted Plans



Please note, although Newkirk Environmental, Inc. is confident in its assessments, the USACE is the only agency that can make final decisions regarding wetland delineations; therefore, all preliminary determinations are subject to change. Until verification is received from the USACE, no reliance may be made in this preliminary determination. Newkirk Environmental, Inc. strongly recommends that written verification be obtained prior to closing on the property, beginning any site work or making any legal reliance on this determination.

125

Feet

Source: Earth Digital Data, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Exhibit

Project #: 04-4036a Date: January 2019

Created by: AH

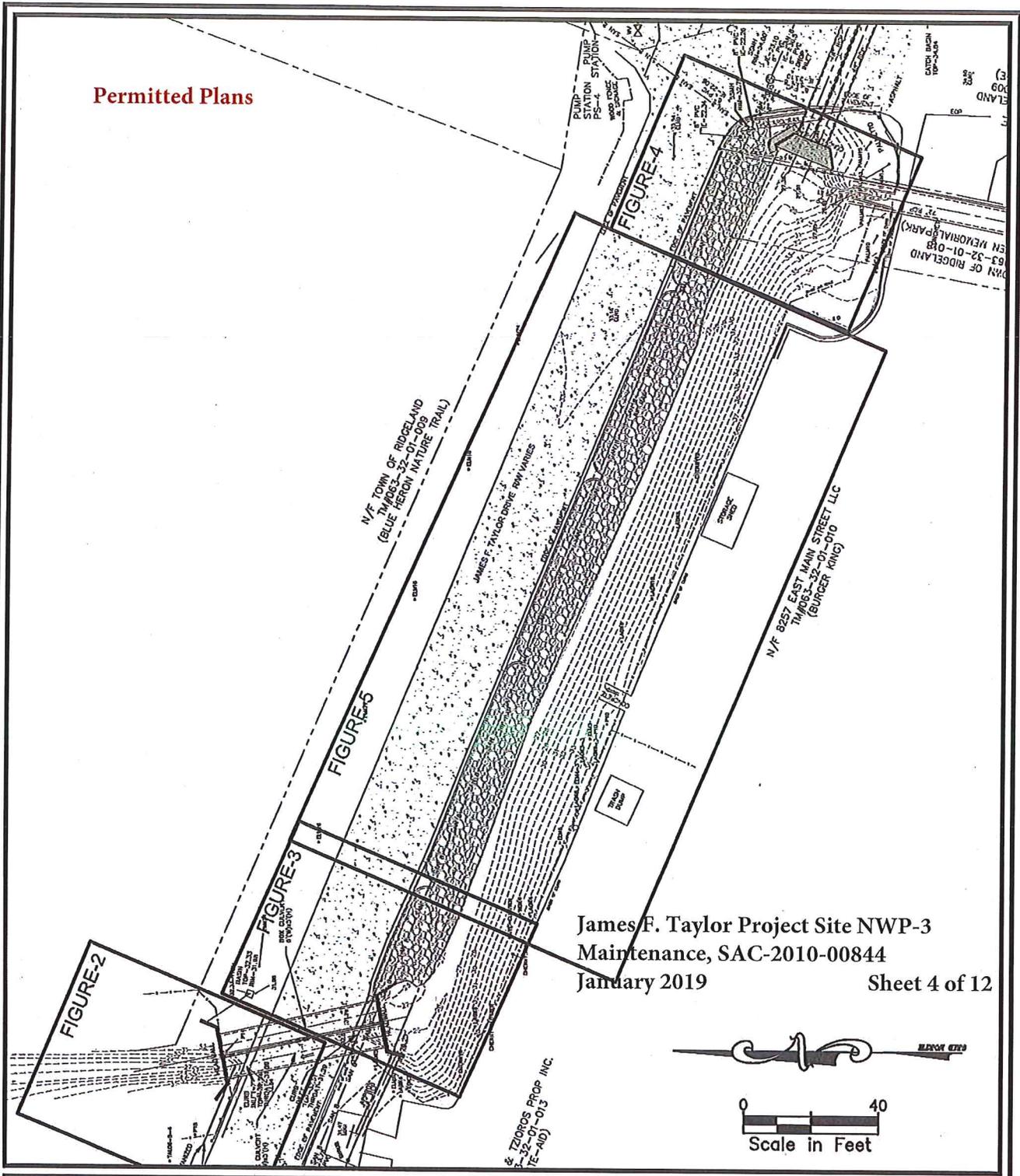
Town of Ridgeland Tributary Project Jasper County, SC

James F. Taylor Project Site NWP-3 Maintenance,
SAC-2010-00844

January 2019

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Permitted Plans



James F. Taylor Project Site NWP-3
 Maintenance, SAC-2010-00844
 January 2019

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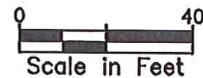
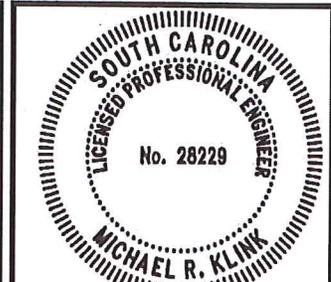
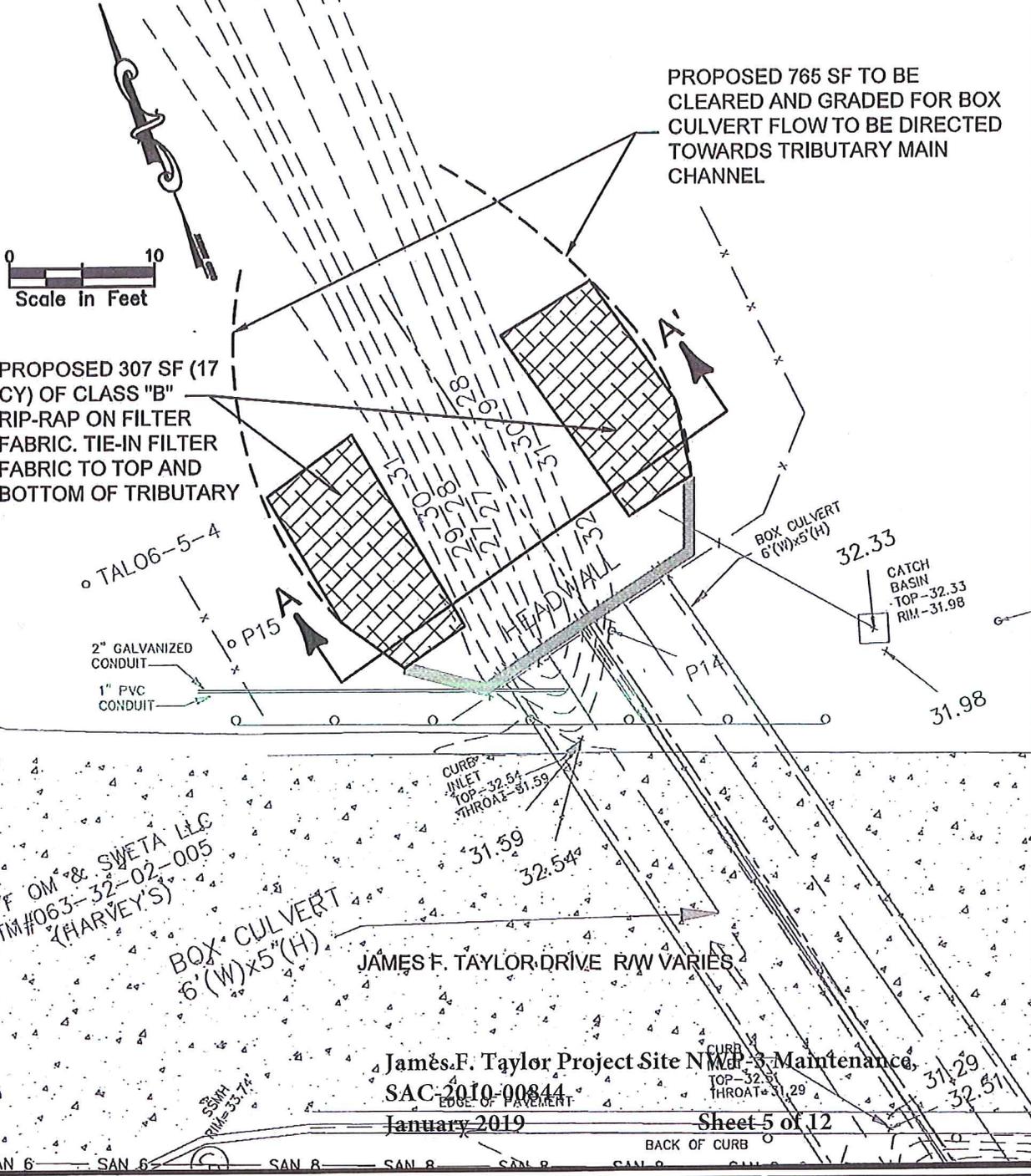


FIGURE-1
 EXISTING CONDITIONS AND KEY MAP
 JAMES F. TAYLOR DRIVE TRIBUTARY
 IMPROVEMENTS



E:\CVC BUCHANAN LOCATION RA\17-1007.DWG JAMES TAYLOR DRAINAGE\PROJECTS\17-1007-1.DWG

Permitted Plans



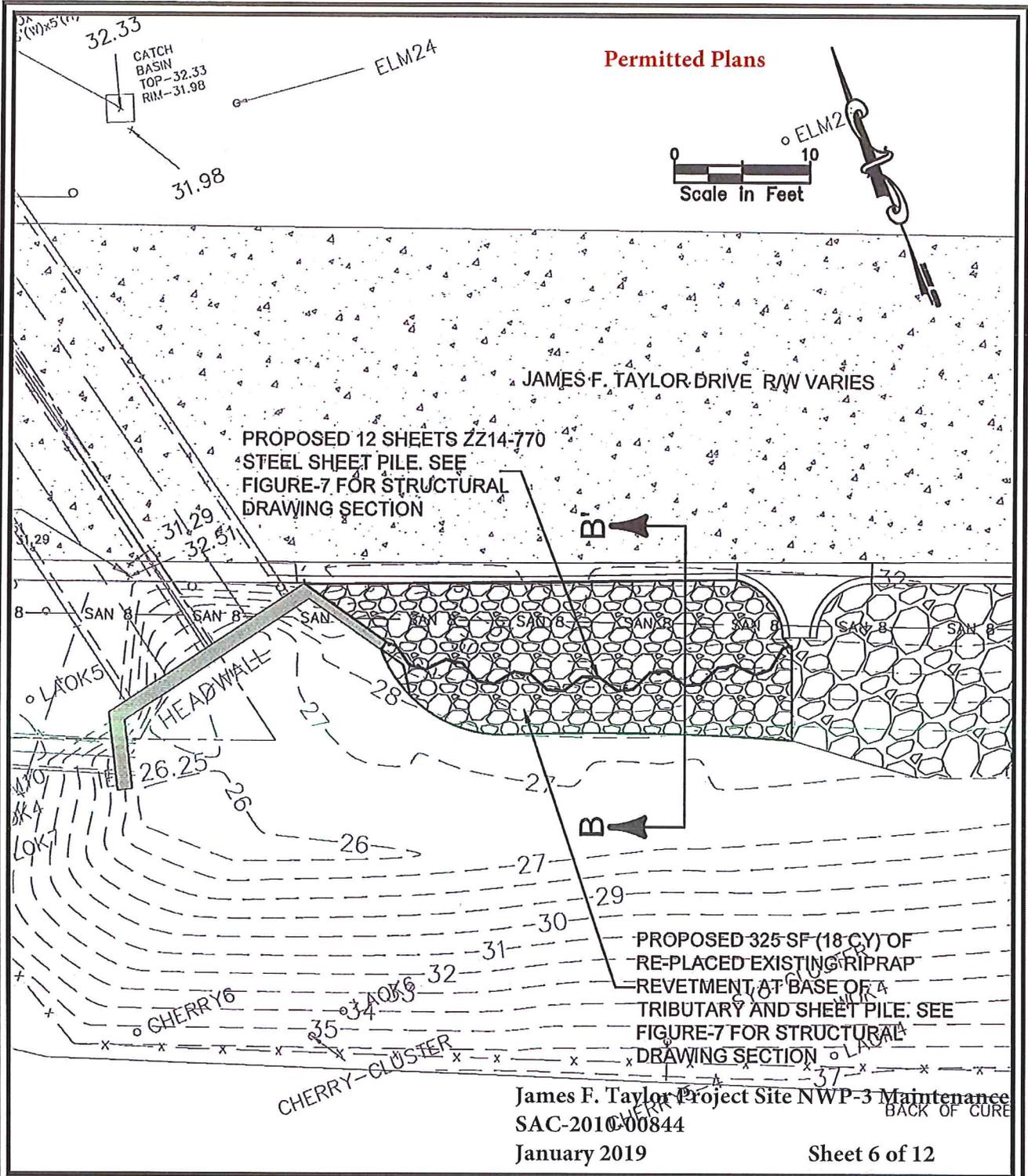
**FIGURE-2
DOWNSTREAM TRIBUTARY IMPROVEMENTS
JAMES F. TAYLOR DRIVE TRIBUTARY
IMPROVEMENTS**

FOUR WATERS ENGINEERING
 324 6th AVE N. JACKSONVILLE BEACH, FLORIDA 32250
 904-414-2400 C.O.A.# 5166 WWW.4WENG.COM

SOUTH CAROLINA
 FOUR WATERS ENGINEERING, INC
 No. 5166
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
 LICENSED PROFESSIONAL ENGINEER
 No. 28229
MICHAEL R. KLING

STWC BUCHANAN LOCATION PL17-1007.05 JAMES TAYLOR DRAWING: 12/25/11-2.DWG



James F. Taylor Project Site NWP-3 Maintenance
 SAC-2010-00844
 January 2019
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STATE DISBURSE LOCATION R17-100708 JAMES TAYLOR DRAWING\A\CD\10071-2.DWG

FIGURE-3
 BOX CULVERT EMBANKMENT IMPROVEMENTS
 JAMES F. TAYLOR DRIVE TRIBUTARY IMPROVEMENTS

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 324 6th AVE N. JACKSONVILLE BEACH, FLORIDA 32250
 904-414-2400 C.O.A.# 5166 WWW.4WENG.COM

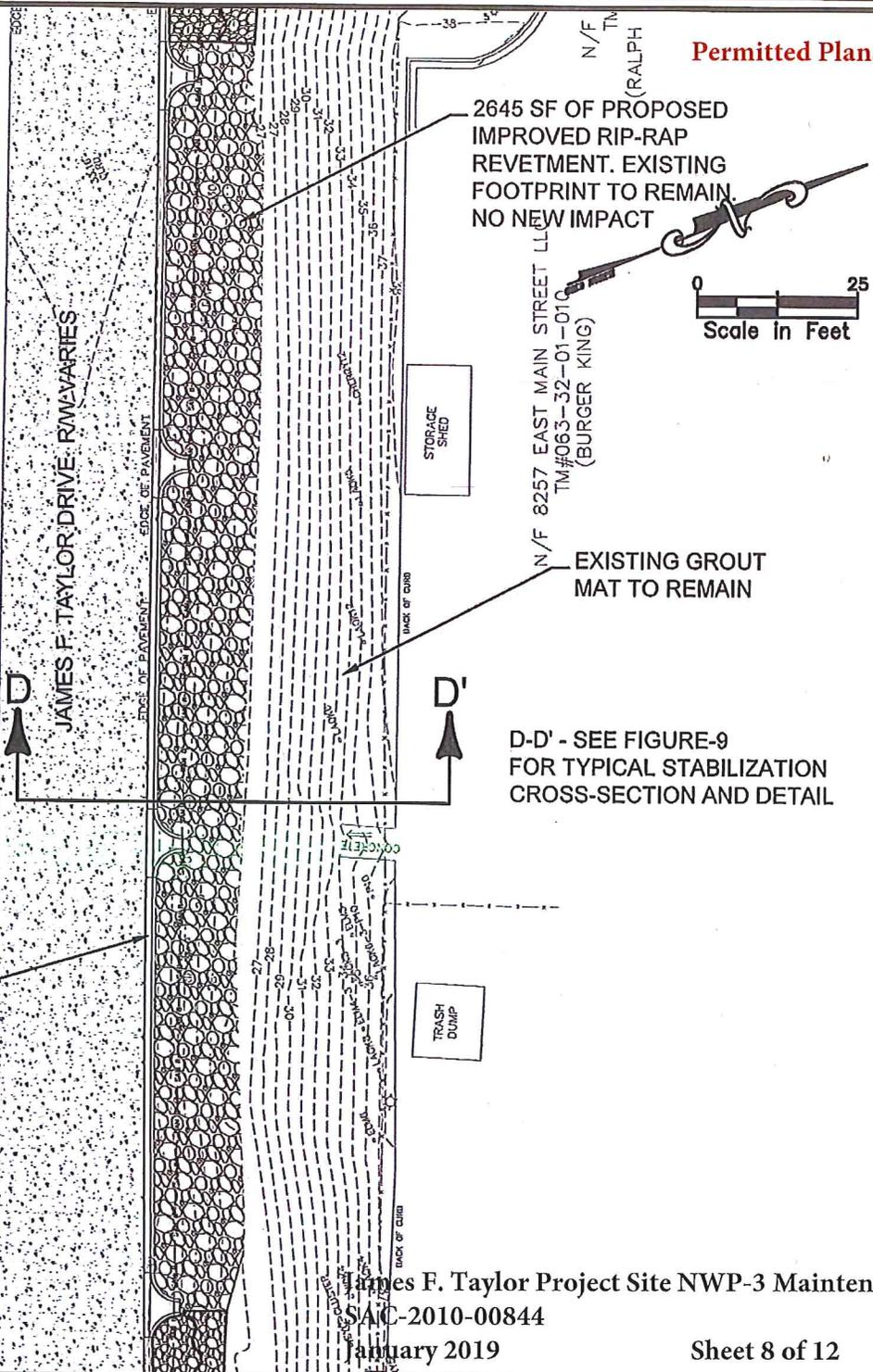
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SOUTH CAROLINA
 LICENSED PROFESSIONAL ENGINEER
 No. 28229
 MICHAEL R. KLINK

N/F TOWN OF RIDGELAND
TM#063-32-01-009
(BLUE HERON NATURE TRAIL)

N/F TOWN OF RIDGELAND
TM#063-32-01-009
(BLUE HERON NATURE TRAIL)

EXISTING TOP
OF CURB



Permitted Plans

2645 SF OF PROPOSED
IMPROVED RIP-RAP
REVIEMENT. EXISTING
FOOTPRINT TO REMAIN.
NO NEW IMPACT

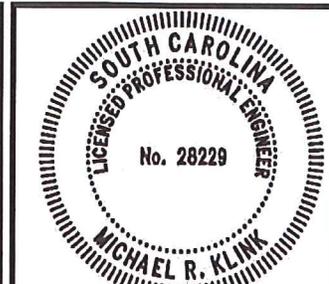
EXISTING GROUT
MAT TO REMAIN

D-D' - SEE FIGURE-9
FOR TYPICAL STABILIZATION
CROSS-SECTION AND DETAIL

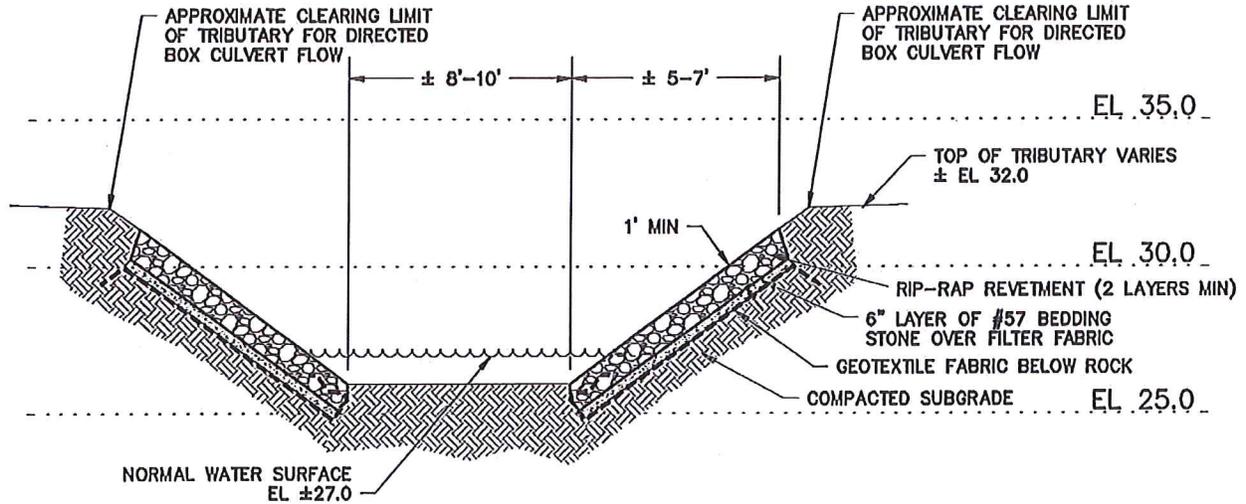
James F. Taylor Project Site NWP-3 Maintenance
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FIGURE-5
PLAN VIEW OF TYPICAL TRIBUTARY STABILIZATION
JAMES F. TAYLOR DRIVE TRIBUTARY
IMPROVEMENTS



Permitted Plans



**A-A' - PROPOSED DOWNSTREAM CROSS SECTION
(LOOKING DOWNSTREAM)**

SCALE 1:6

James F. Taylor Project Site NWP-3 Maintenance,
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January 2019

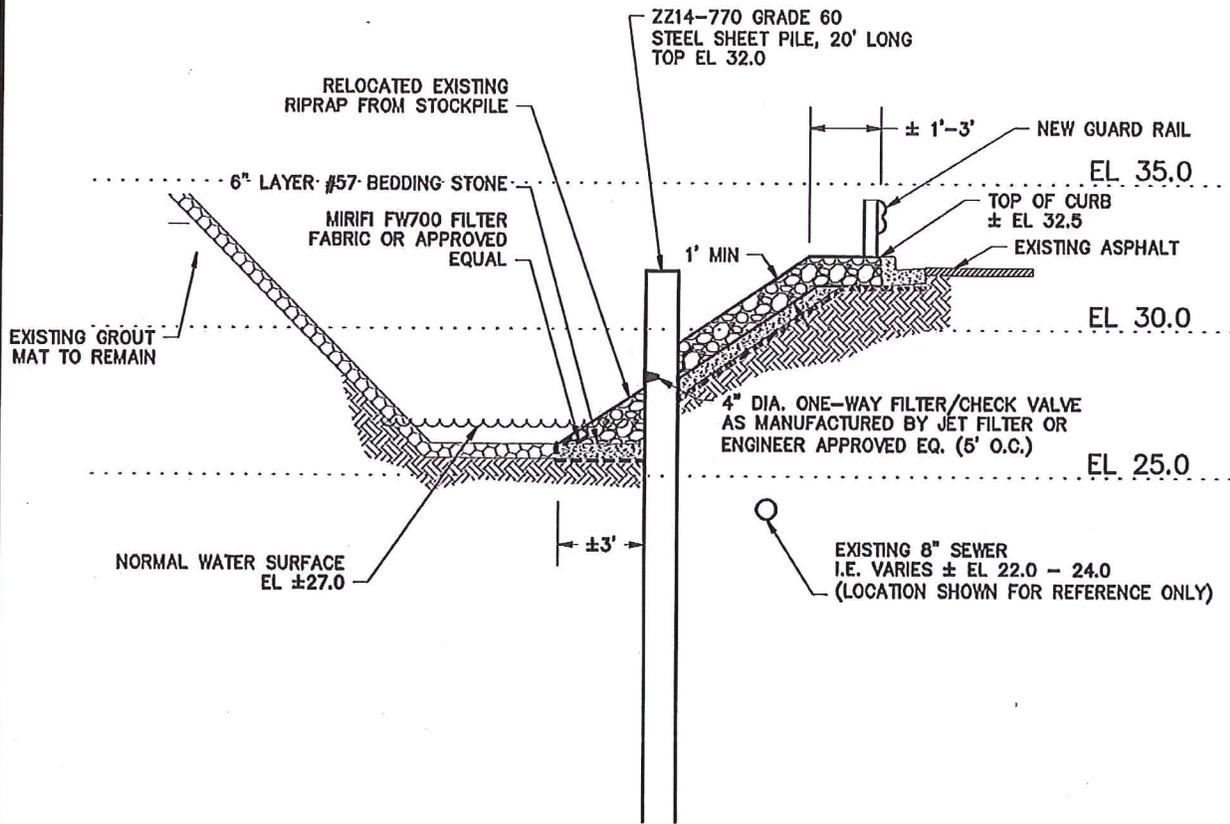
Sheet 9 of 12

FIGURE-6
UPSTREAM CROSS-SECTION
LOOKING DOWNSTREAM
JAMES F. TAYLOR DRIVE TRIBUTARY IMPROVEMENTS



STUDY DISCHARGE LOCATION R17-1007.00 JAMES TAYLOR DRIVE IMPROVEMENTS (2011)-JUNG

Permitted Plans



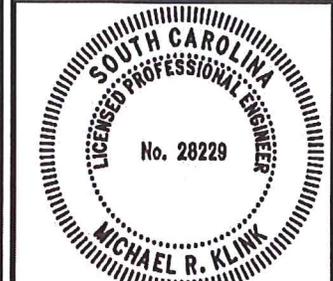
**B-B' - PROPOSED CROSS SECTION
(LOOKING DOWNSTREAM)**

SCALE 1:6

James F. Taylor Project Site NWP-3
Maintenance, SAC-2010-00844
January 2019

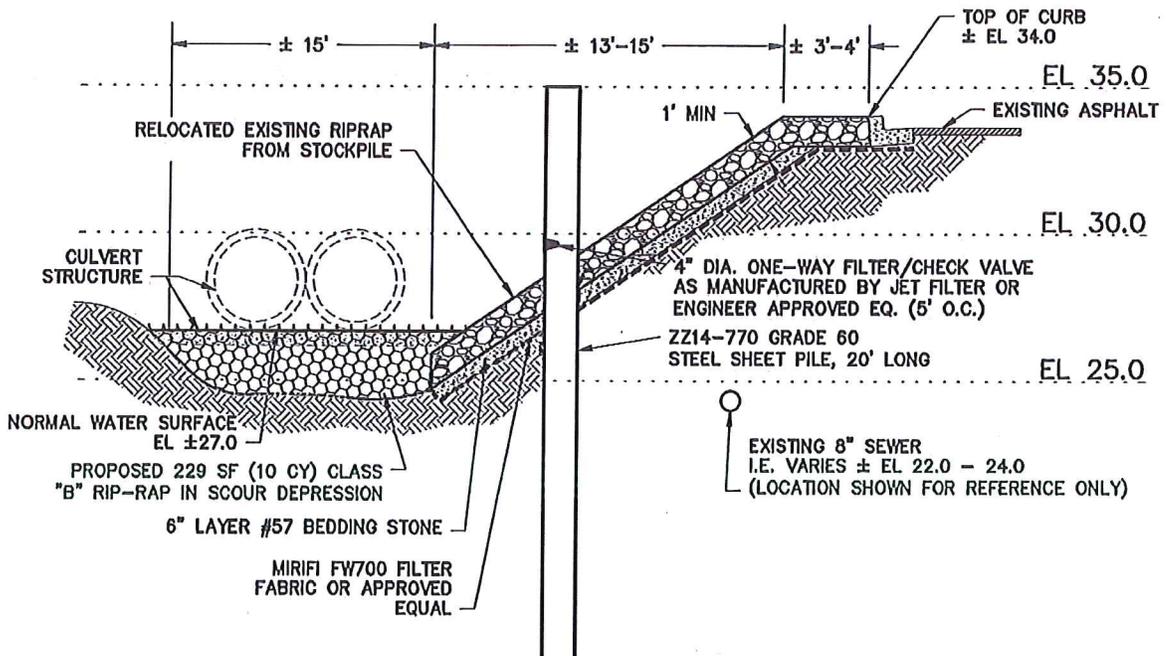
Sheet 10 of 12

**FIGURE-7
UPSTREAM IMPROVEMENTS CROSS-SECTION
JAMES F. TAYLOR DRIVE TRIBUTARY
IMPROVEMENTS**



STVC DUCHANE LOCATION REV-1507.03 JAMES TAYLOR DRIVE TRIBUTARY IMPROVEMENTS-3.DWG

Permitted Plans



**C-C' - PROPOSED CROSS SECTION
(LOOKING DOWNSTREAM)**

SCALE 1:6

James F. Taylor Project Site NWP-3
Maintenance, SAC-2010-00844

January 2019

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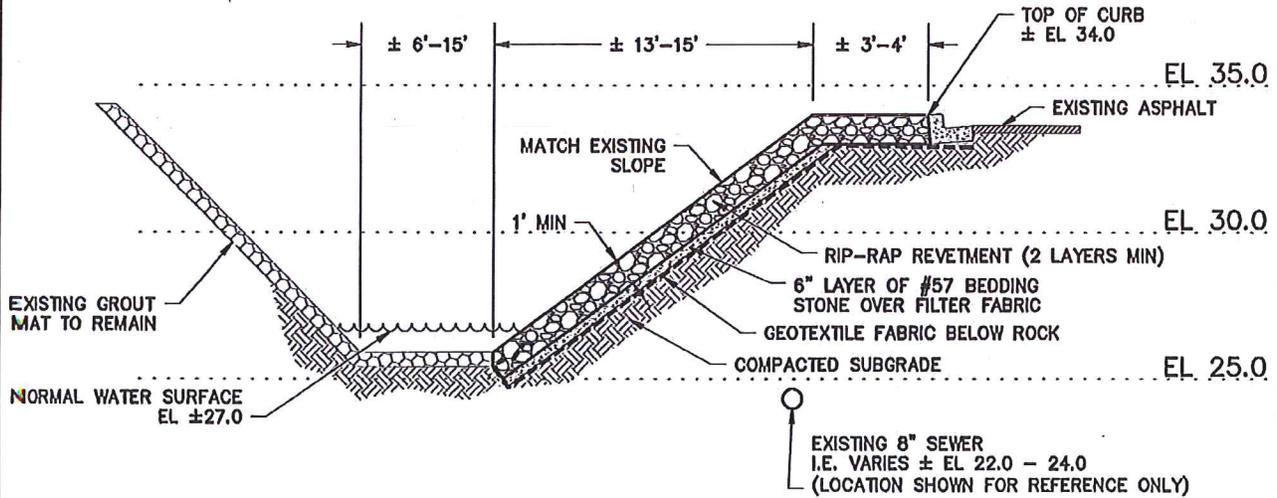
FIGURE-8
BOX CULVERT EMBANKMENT IMPROVEMENTS
CROSS SECTION,
JAMES F. TAYLOR DRIVE DITCH IMPROVEMENTS

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STW: DUCHARNE LOCATION REV: 10/07/08 JAMES TAYLOR DRAWING: 10/07/08 11-3.DWG

Permitted Plans



**D-D' - PROPOSED TYPICAL DITCH CROSS SECTION
(LOOKING DOWNSTREAM)
SCALE 1:6**

James F. Taylor Project Site NWP-3
Maintenance, SAC-2010-00844
January 2019 Sheet 12 of 12

STATE: SOUTH CAROLINA LOCATION: 17-100728 JWC: TAYLOR DRIVE IMPROVEMENTS (R11-1) DWG

FIGURE-9
 TYPICAL TRIBUTARY STABILIZATION CROSS SECTION
 LOOKING DOWNSTREAM
 JAMES F. TAYLOR DRIVE TRIBUTARY IMPROVEMENTS

