SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT
PERMIT APPLICATION PUBLIC NOTICE

October 30, 2009

Permit Number: OCRM-09-132-B
Permit ID: 68321

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

APPLICANT: Charleston Commissioners of Public Works
C/o Hazen and Sawyer, P.C.
5900 Core Avenue, Suite 505
North Charleston, South Carolina 29406

LOCATION: On and adjacent to an unnamed tributary of the Cooper River at 196 Republic Drive, Charleston, Charleston County, South Carolina. TMS#: 275-00-00-064

WORK: The work as proposed and shown on the attached plans will install a concrete swale and associated riprap for a relocated Daniel Island Waste Water Treatment Facility (WWTF) Effluent Outfall structure. Specifically, the concrete swale will be approximately 2'6" x 25' and will terminate to a 6' x 12' flared riprap apron. The purpose of the proposed work is to convey discharge generated from the Daniel Island Waste Water Treatment Facility. **PLEASE NOTE**: This proposed project has been authorized under a Nationwide #7 permit by the U.S Army Corps of Engineers.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

To assure review by OCRM, comments regarding this application must be received by OCRM on or before November 29, 2009. For further information please contact the project manager for this activity, Steven Brooks at (843) 953-0235.
PLEASE REPLY TO:

SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405

Please refer to P/N# OCRM-09-132-B

Tess Trumbull, Wetland Section Coordinator

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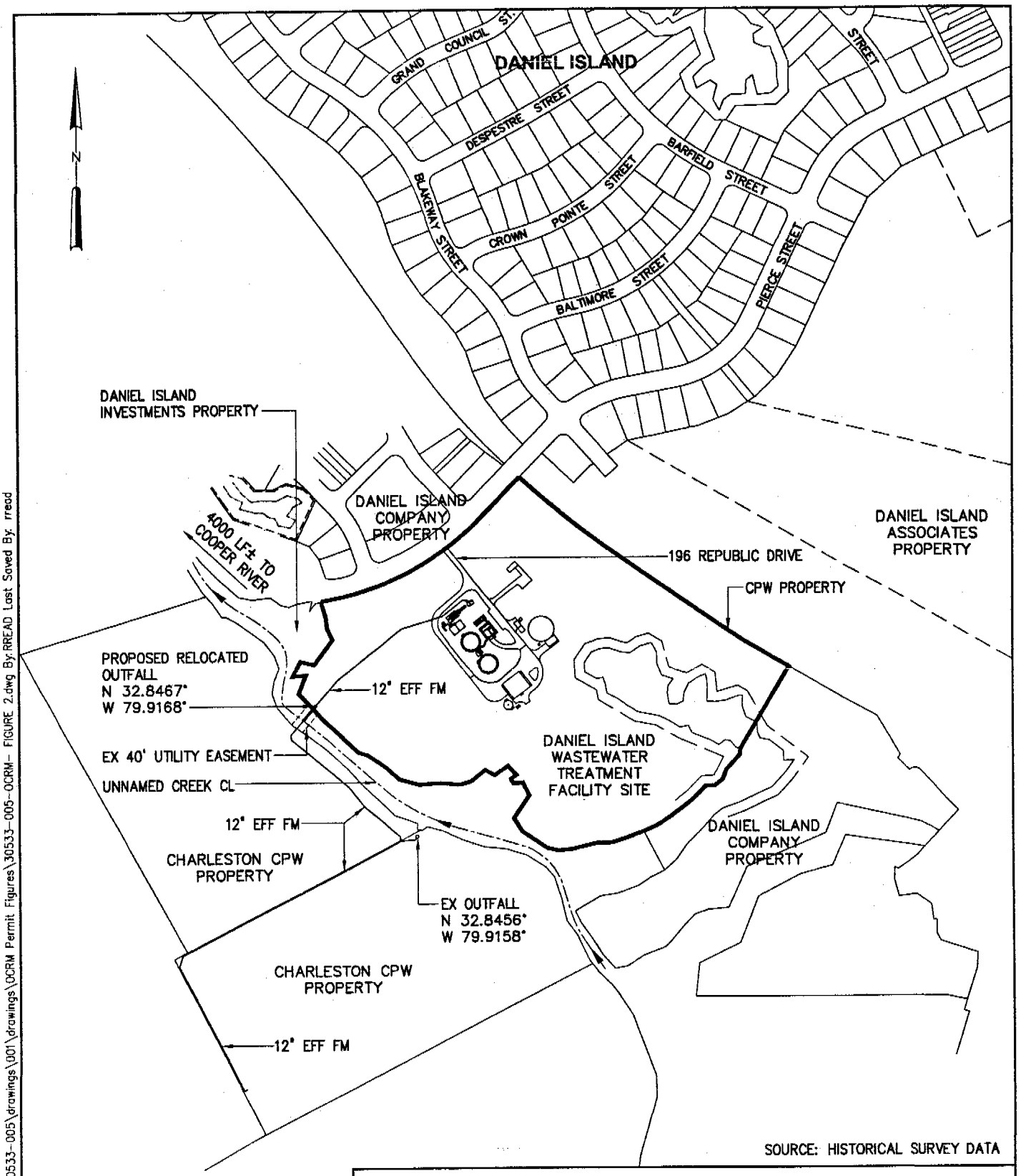


800' 400' 0 800'

APPROXIMATE SCALE

HAZEN AND SAWYER
Environmental Engineers & Scientists

FIGURE 2
LOCATION MAP

OCRM-09-132-B

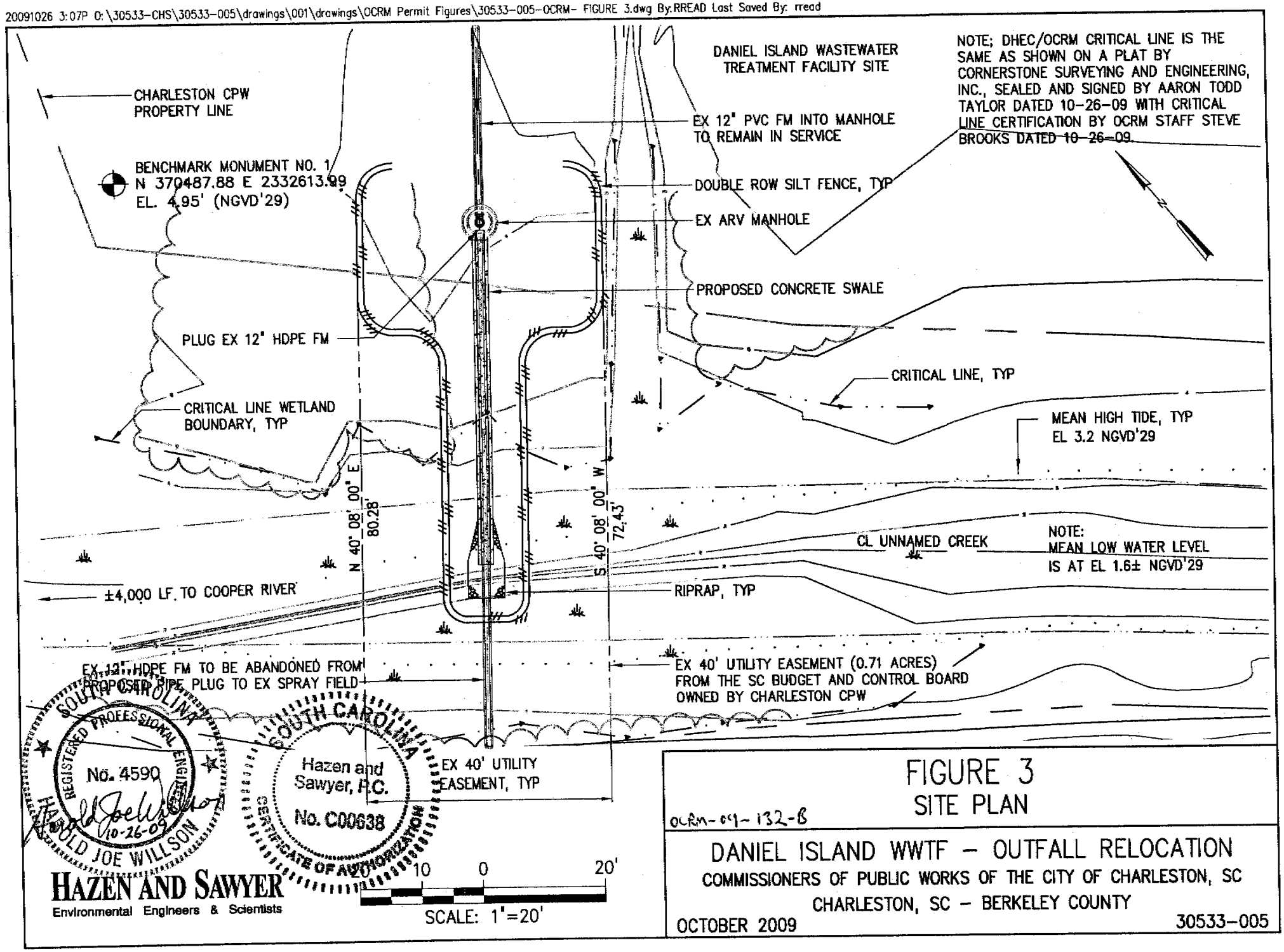
DANIEL ISLAND WWTF OUTFALL RELOCATION
COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SC
CHARLESTON, SC – BERKELEY COUNTY

OCTOBER 2009

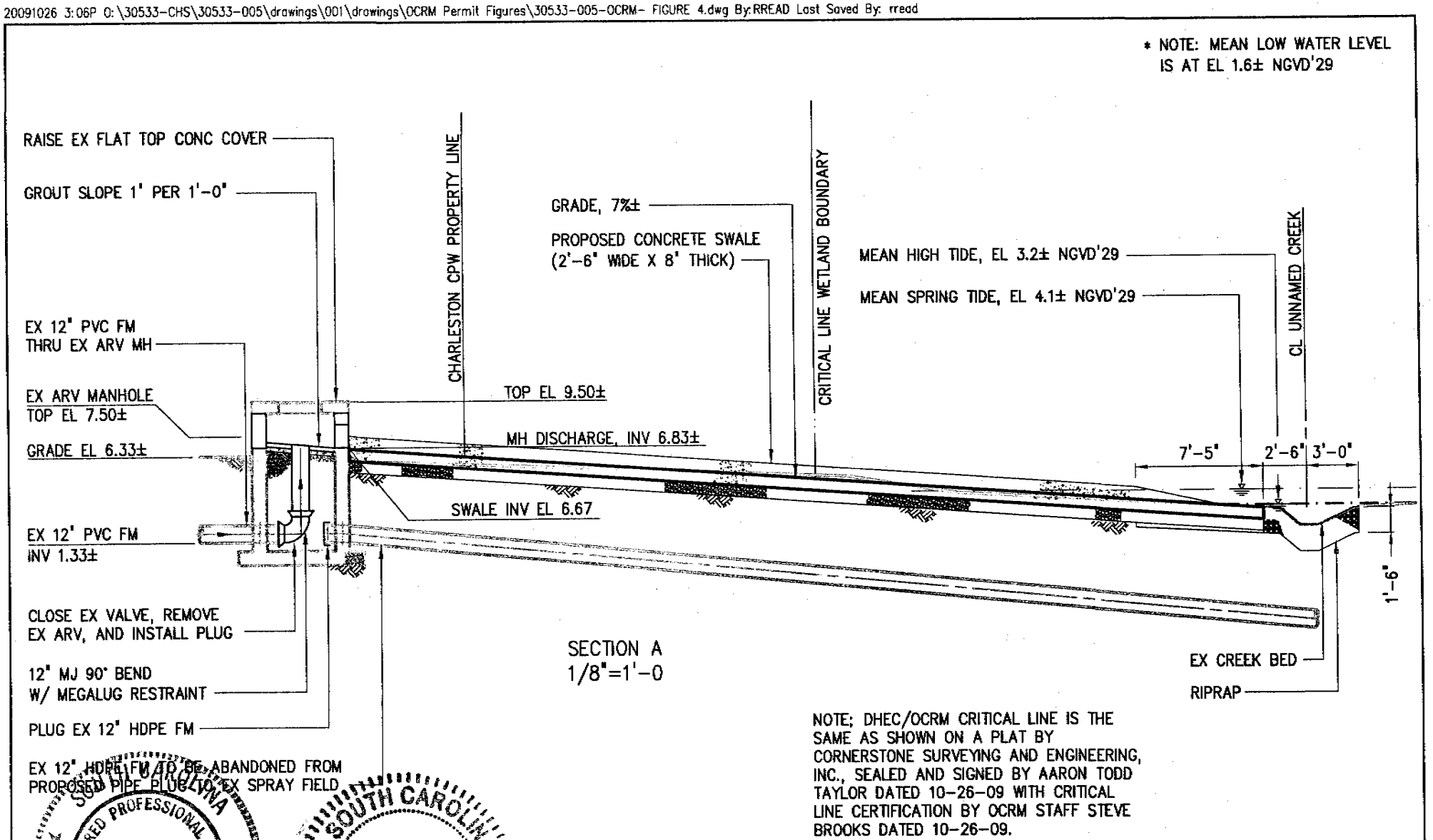
30533-005

20091006 4:21P O:\30533-CHS\30533-005\drawings\001\drawings\OCRM Permit Figures\30533-005-OCRM- FIGURE 2.dwg By:RREAD Last Saved By: rread

20091026 3:07P O:\30533-CHS\30533-005\drawings\001\drawings\OCRM Permit Figures\30533-005-OCRM- FIGURE 3.dwg By:RREAD Last Saved By: rread



20091026 3:06P O:\30533-CHS\30533-005\drawings\001\drawings\OCRM Permit Figures\30533-005-OCRM- FIGURE 4.dwg By:RREAD Last Saved By: rread



NOTE; DHEC/OCRM CRITICAL LINE IS THE SAME AS SHOWN ON A PLAT BY CORNERSTONE SURVEYING AND ENGINEERING, INC., SEALED AND SIGNED BY AARON TODD TAYLOR DATED 10-26-09 WITH CRITICAL LINE CERTIFICATION BY OCRM STAFF STEVE BROOKS DATED 10-26-09.

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 4590 HAROLD JOE WILLSON 10-26-09

SOUTH CAROLINA Hazen and Sawyer, P.C. No. C00638 CERTIFICATE OF AUTHORIZATION

HAZEN AND SAWYER
Environmental Engineers & Scientists

8 6 4 2 0 8'
SCALE: 1/8"=1'-0"

OCRM-09-132-B

FIGURE 4
EFFLUENT DIVERSION – SECTION VIEW

DANIEL ISLAND WWTF – OUTFALL RELOCATION
COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SC
CHARLESTON, SC – BERKELEY COUNTY

OCTOBER 2009 30533-005

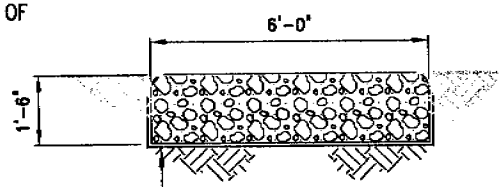
NOTES:

1 PROPERTY INFORMATION INCLUDING TOPOGRAPHY WAS OBTAINED FROM AS-BUILT DRAWINGS AND HISTORICAL DATA PROVIDED BY CHARLESTON CPW.

2 SOIL EXCAVATION WITHIN THE WETLANDS SHALL TAKE PLACE FROM AN UPLAND AREA (CHARLESTON CPW PROPERTY NOT WITHIN THE WETLANDS) OR MATS SHALL BE USED FOR ACCESS WITHIN THE WETLANDS. AT NO TIME SHALL MECHANICAL EQUIPMENT BE ALLOWED WITHIN THE CREEK LIMITS.

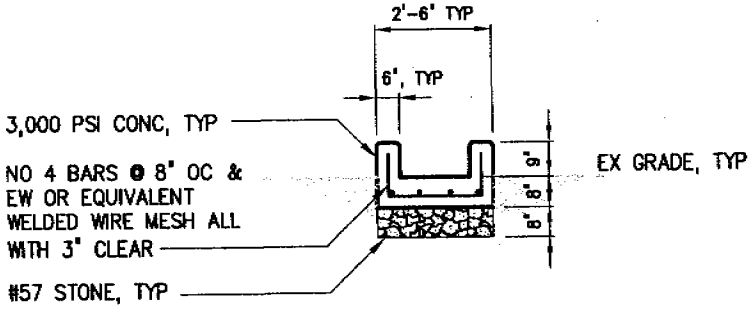
3 CONTRACTOR SHALL EXCAVATE EX CREEK MATERIAL AS NECESSARY TO ACHIEVE REQUIRED DEPTH FOR STONE CONCRETE SWALE AND FABRIFORM CHANNEL LINING.

4 EXCAVATED MATERIAL SHALL BE PROPERLY DISPOSED OF AND NOT DEPOSITED WITHIN THE WETLANDS.



FILTER FABRICK, TYP
(MIRAFI FW700 OR EQUAL)

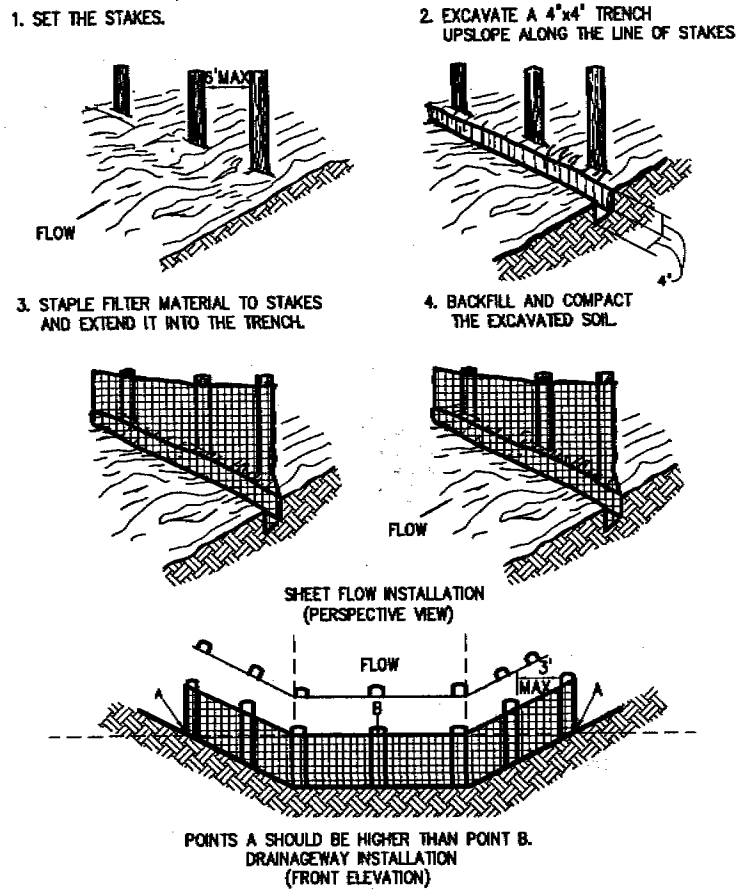
RIPRAP
SECTION C
1/4"=1'-0



DIVERSION SWALE
SECTION B
1/4"=1'-0

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)

SF



0227000V

HAZEN AND SAWYER
Environmental Engineers & Scientists

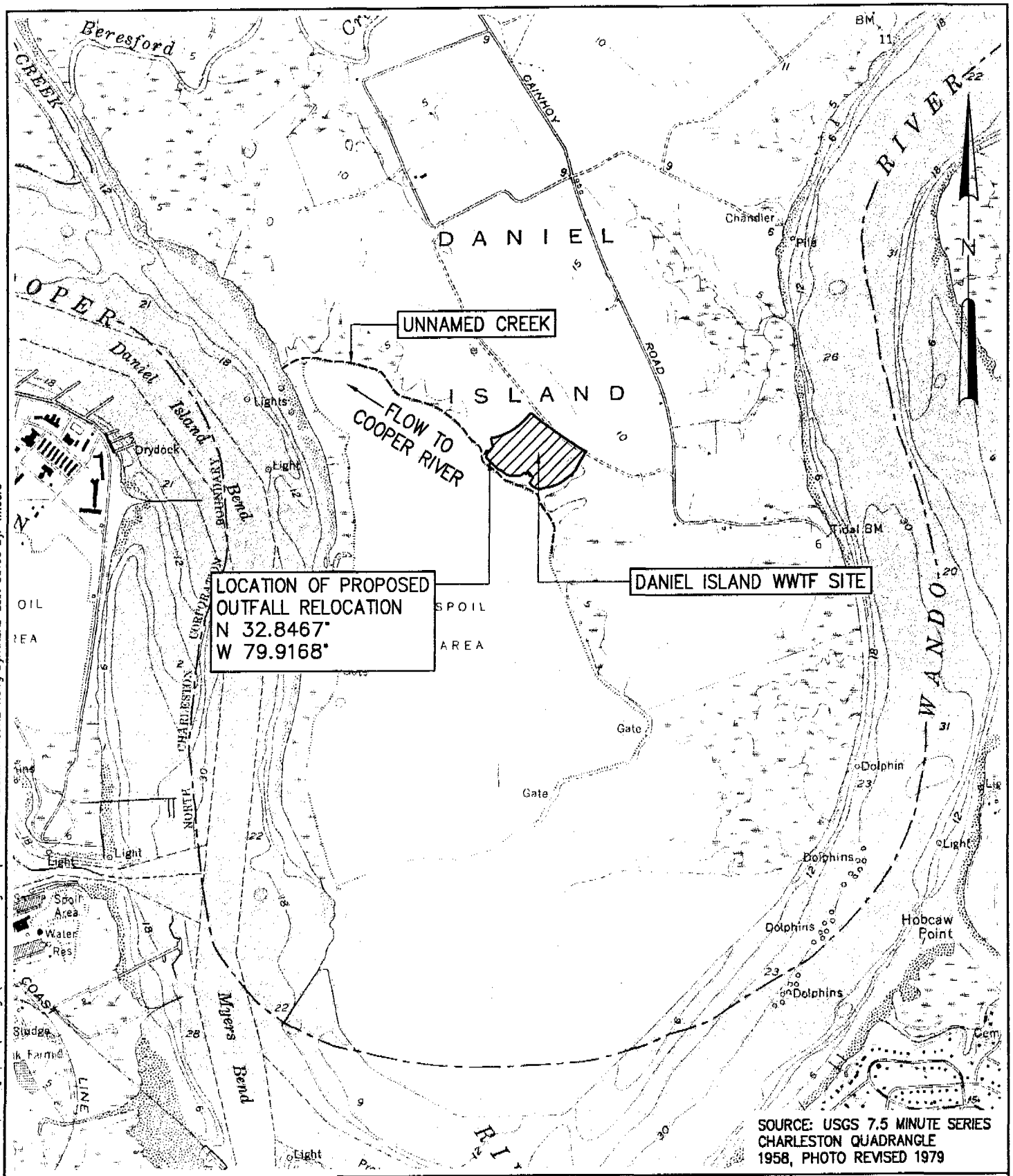
1 0 1 2 3 7'
SCALE: 1/4"=1'-0"

OCRM-09-132-B

FIGURE 5
SECTION, DETAIL, AND NOTES

DANIEL ISLAND WWTF – OUTFALL RELOCATION
COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SC
CHARLESTON, SC – BERKELEY COUNTY

OCTOBER 2009 30533-005



SOURCE: USGS 7.5 MINUTE SERIES
CHARLESTON QUADRANGLE
1958, PHOTO REVISED 1979

2000' 1000' 0 2000'

APPROXIMATE SCALE

HAZEN AND SAWYER
Environmental Engineers & Scientists

FIGURE 1
VICINITY MAP

OCRM-09-132-B

DANIEL ISLAND WWTF OUTFALL RELOCATION
COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF CHARLESTON, SC
CHARLESTON, SC – BERKELEY COUNTY

SEPTEMBER 2009 30533-005

20090916 4:04P O:\30533-CHS\30533-005\drawings\001\drawings\OCRM Permit Figures\30533-005-OCRM- FIGURE 1.dwg By:RREAD Last Saved By: fmoore