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

September 12, 2013
Permit Application Public Notice

South Carolina Electric & Gas, OCRM-13-234-D

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

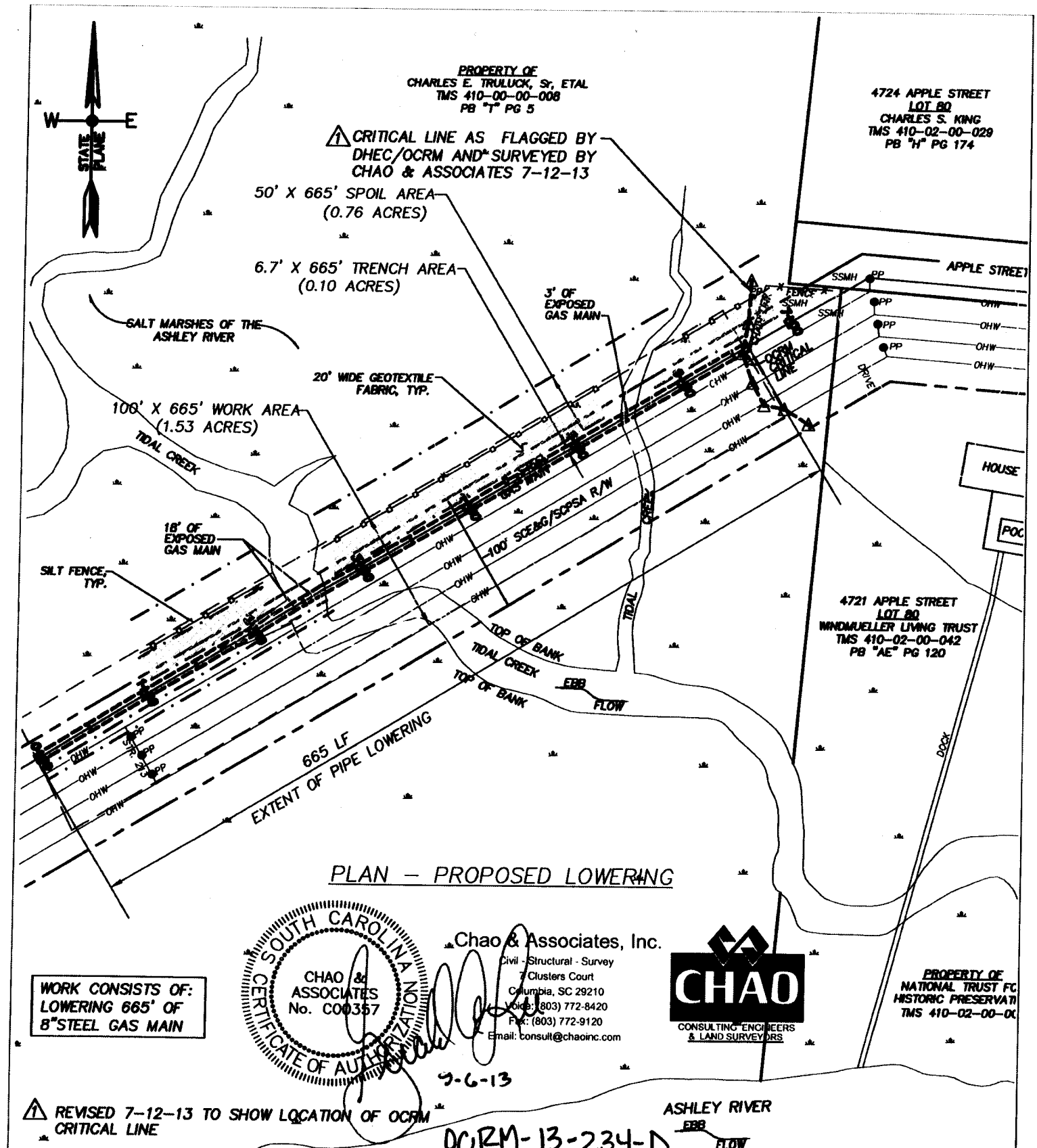
LOCATION: **On and adjacent to Ashley River at Apple Street, Wando Woods, North Charleston, Charleston County, South Carolina. TMS: 410-00-00-008.**

WORK: **The work as proposed consists of making repairs to an existing natural gas line. Specifically, the applicant seeks to make repairs to the gas line that has become exposed in areas. The applicant seeks to remove the exposed sections and lower the overall line, approximately 665', so that area is less likely to be exposed in the future. The complete process is provided in detail in the attached narrative. The work as described is for repairing and maintaining an existing utility line.**

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

Comments regarding this application must be received by the Department on or before **October 12, 2013**. For more information, please contact **Jeff Thompson** at **843-953-0219** or via email at **thompsdj@dhec.sc.gov.**

NOTE: Plans depicting the proposed work are available and will be provided upon receipt of a written request or may be viewed on the Department website at **www.scdhec.gov/environment/ocrm/public_notice.htm.**



PLAN – PROPOSED LOWERING

WORK CONSISTS OF: LOWERING 665' OF 8"STEEL GAS MAIN

SOUTH CAROLINA CHAO & ASSOCIATES No. C00357 CERTIFICATE OF AUTHORIZATION

Chao & Associates, Inc.
Civil - Structural - Survey
7 Clusters Court
Columbia, SC 29210
Voice: (803) 772-8420
Fax: (803) 772-9120
Email: consult@chaoinc.com

CHAO
CONSULTING ENGINEERS & LAND SURVEYORS

9-6-13

1 REVISED 7-12-13 TO SHOW LOCATION OF OCRM CRITICAL LINE

OCRM-13-234-D

APPLICANT: SOUTH CAROLINA ELECTRIC & GAS
ADDRESS: 6248 BUSH RIVER ROAD
COLUMBIA, SC 29212
SUBDIVISION: WANDO WOODS
MUNICIPALITY: NORTH CHARLESTON
COUNTY: CHARLESTON COUNTY
TMS 410-00-00-008
WATER BODY: TRIBUTARY OF ASHLEY RIVER

LOWERING OF GAS MAIN IN SALT MARSH

DATE: 3-1-13

SCALE: 1"=100'

100 50 0 100

STANDARD DIVING & MARINE CONTRACTORS
SETTING THE STANDARD SINCE 1988

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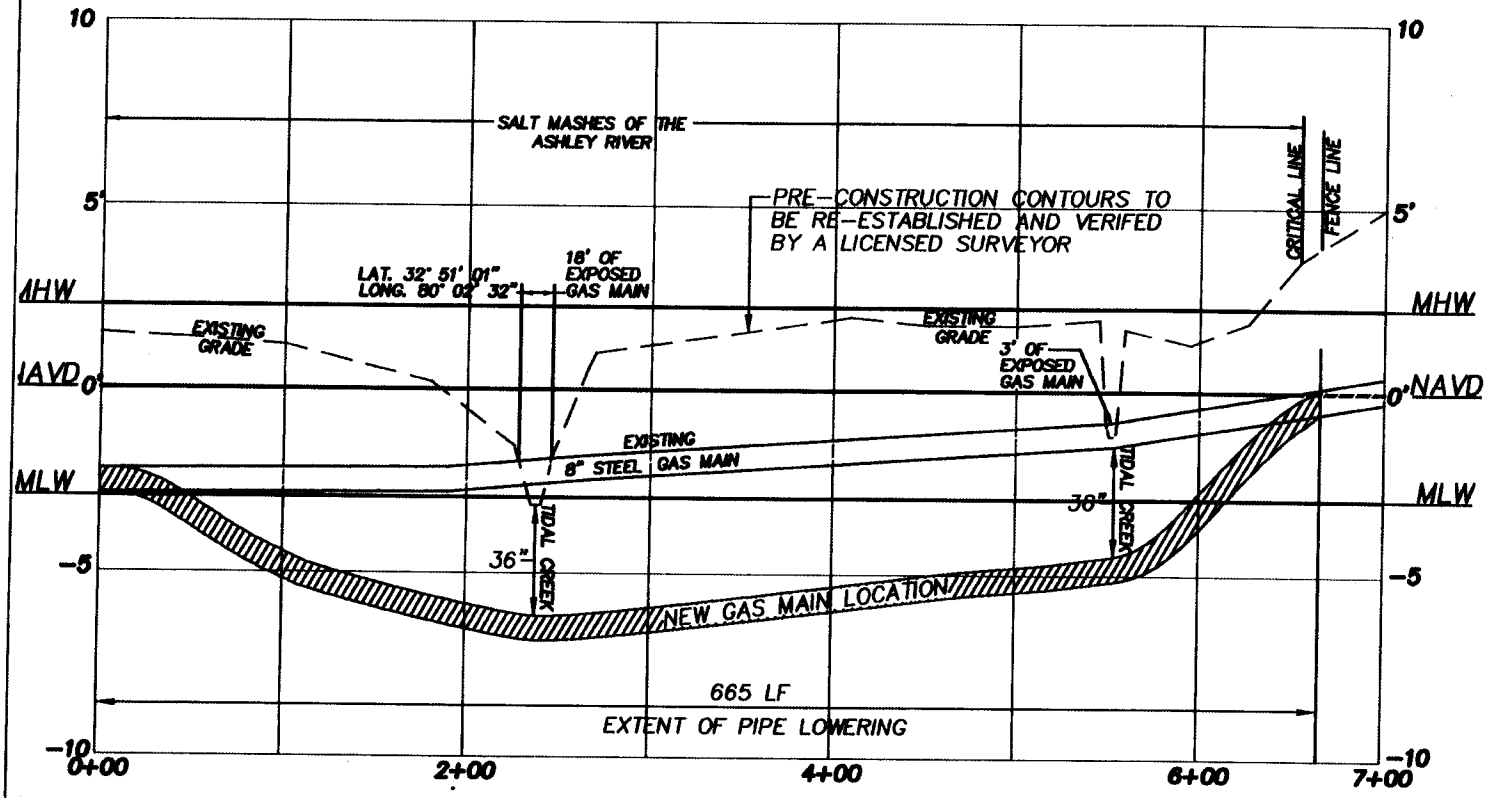
Datum Notes:
The vertical datum is NAVD88. The customs house tidal bm (866 5530) was utilized to determine mean low water (MLW) & mean high water (MHW). MLW is 2.95' below NAVD88, MHW is 2.27 above NAVD88. The horizontal datum is NAD83.



PROFILE – PROPOSED LOWERING

VERTICAL SCALE 1" = 5'

5 0 2.5 5

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SCALES: 1"=100'HORZ.
1"=5' VERT.

100 50 0 100

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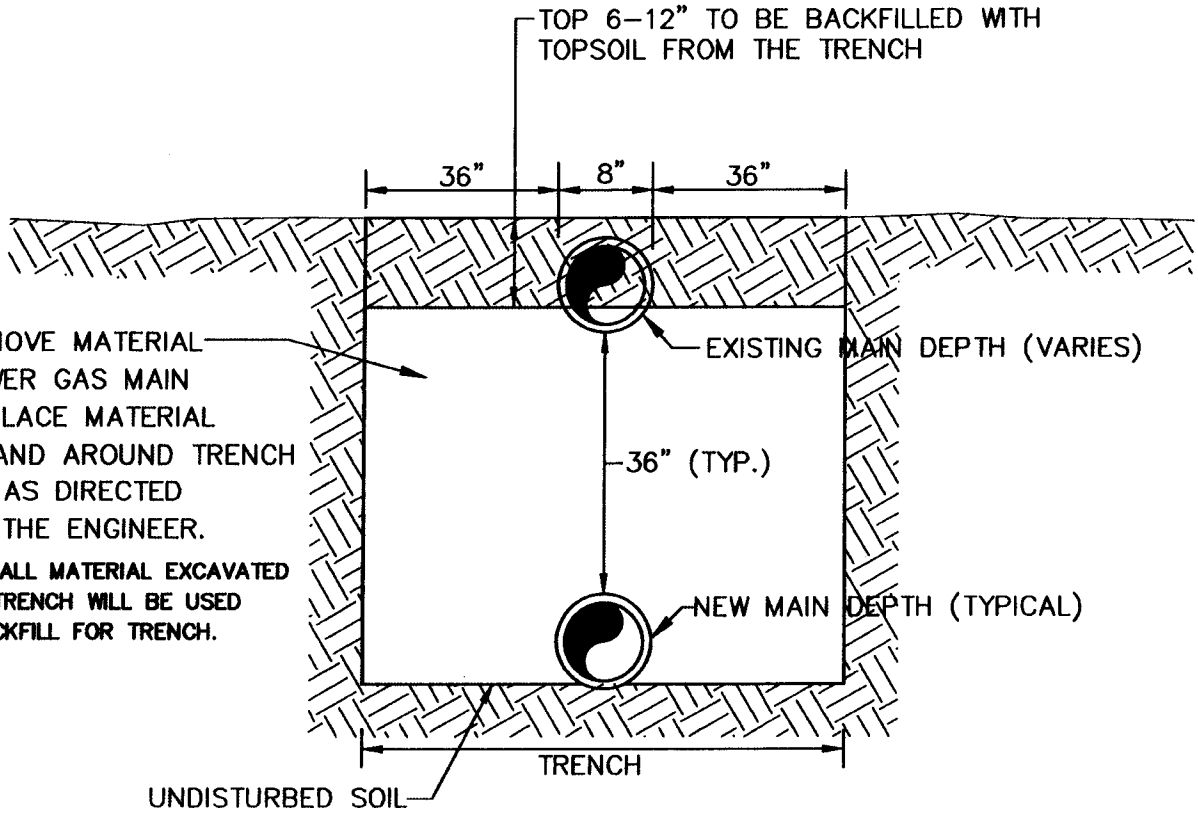

NOTE: ALL MATERIAL EXCAVATED FROM TRENCH WILL BE USED AS BACKFILL FOR TRENCH.

TYPICAL GAS MAIN LOWERING DETAIL

NTS

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Ashley River Marsh Gas Line Exposure

Revised Project Overview

During routine inspections on December 19, 2012, approximately 18' of exposed and suspended 8-inch natural gas pipeline was located within a tidal creek between the river and Apple Street. The pipeline is suspended approximately 1 foot from the bottom and is completely exposed at low tide. Upon further inspection, another exposure approximately 3' in length was discovered in a smaller creek closer to Apple Street. The coordinates for the large exposure are latitude 32.85022, longitude -80.04207 and the smaller exposure are latitude 32.85064, longitude -80.04125.

Proposed Remediation

The deteriorated pipe coating on the exposed sections will be removed and the pipe re-wrapped. SCE&G proposes to protect the exposures by lowering the line using the following method:

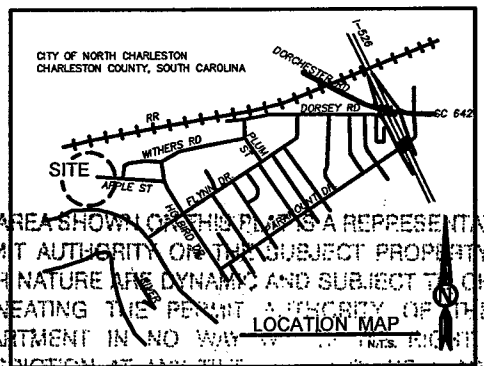
The pre-construction project area contours will be established by a licensed surveyor. Silt fencing will be placed to prevent dispersion of the excavated material but it will not be placed within the tidal creeks. The excavated material will be placed on monofilament woven geotextile fabric to contain the material and minimize damage to the marsh when returning the material to the trench. Two amphibious excavators with a ground pressure range of approximately 1.08 psi will be used to perform the work. By using two excavators the work can be performed during low tide within two tide cycles, thus minimizing the duration of disturbance. A project area 100' wide is required to provide the excavators room to maneuver and provide a temporary storage area for the spoils. The excavator will dig an approximate 3' wide trench approximately 5'deep along both sides of the natural gas pipeline for a distance of 665 feet. It will not be necessary to de-water the trench. After lowering, the line will be backfilled using the only the original excavated material with the upper 6-12 inches of soil returned to the top. The project area will be returned to original grade and contour. By replacing the topsoil, the disturbed area should naturally regenerate. The project area will be assessed in a year to evaluate vegetation growth. If the vegetation does not appear to be re-establishing, the project area will be replanted with similar on-site species.

RECEIVED

AUG 26 2013

DHEC-OCRM
CHARLESTON OFFICE

OCRM-13-234-D



THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF THE DEPARTMENT, THE DEPARTMENT IN NO WAY [illegible] RIGHT TO ASSERT PERMIT JURISDICTION AT ANY TIME [illegible] AREA ON THE SUBJECT PROPERTY, WHETHER SHOWN HEREON OR NOT.

SALT MARSH

8/8/13

DATE

The critical line shown on this plat is valid for five years from the date of this signature subject to the cautionary language above.

LEGEND

SURVEYED LOCATIONS OF FLAGS PLACED BY SCDHEC/OCRM

OCRM CRITICAL LINE

W E

STATE PLANE

4724 APPLE STREET
LOT 80
CHARLES S. KING
TMS# 410-02-00-029
PB "H" PG 74

APPLE STREET

CRITICAL LINE LOCATION
AS SURVEYED BY
CHAO AND ASSOCIATES
7-12-13

SSMH PP

EXISTING GAS MAIN

FENCE

CHAIN LINK

EXISTING GAS MAIN

OHW

DRIVE

4721 APPLE STREET
LOT 80
WINDMUELLER LIVING TRUST
TMS# 410-02-00-042
PB "AE" PG 120

EXISTING HOUSE

POOL

100' SCE&G/SCPSA R/W

SALT MARSH

TIDAL CREEK

PLS# 23929

SOUTH CAROLINA
CHAO & ASSOCIATES No. C00357
CERTIFICATE OF AUTHORIZATION

CRITICAL LINE LOCATION EXHIBIT

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SCALE: 1"=50'

50 25 0 50

STANDARD DIVING & MARINE CONTRACTORS
SETTING THE STANDARD SINCE 1988

SCE&G
Ashley River Marsh Exposure Remediation
Revised August 13, 2013
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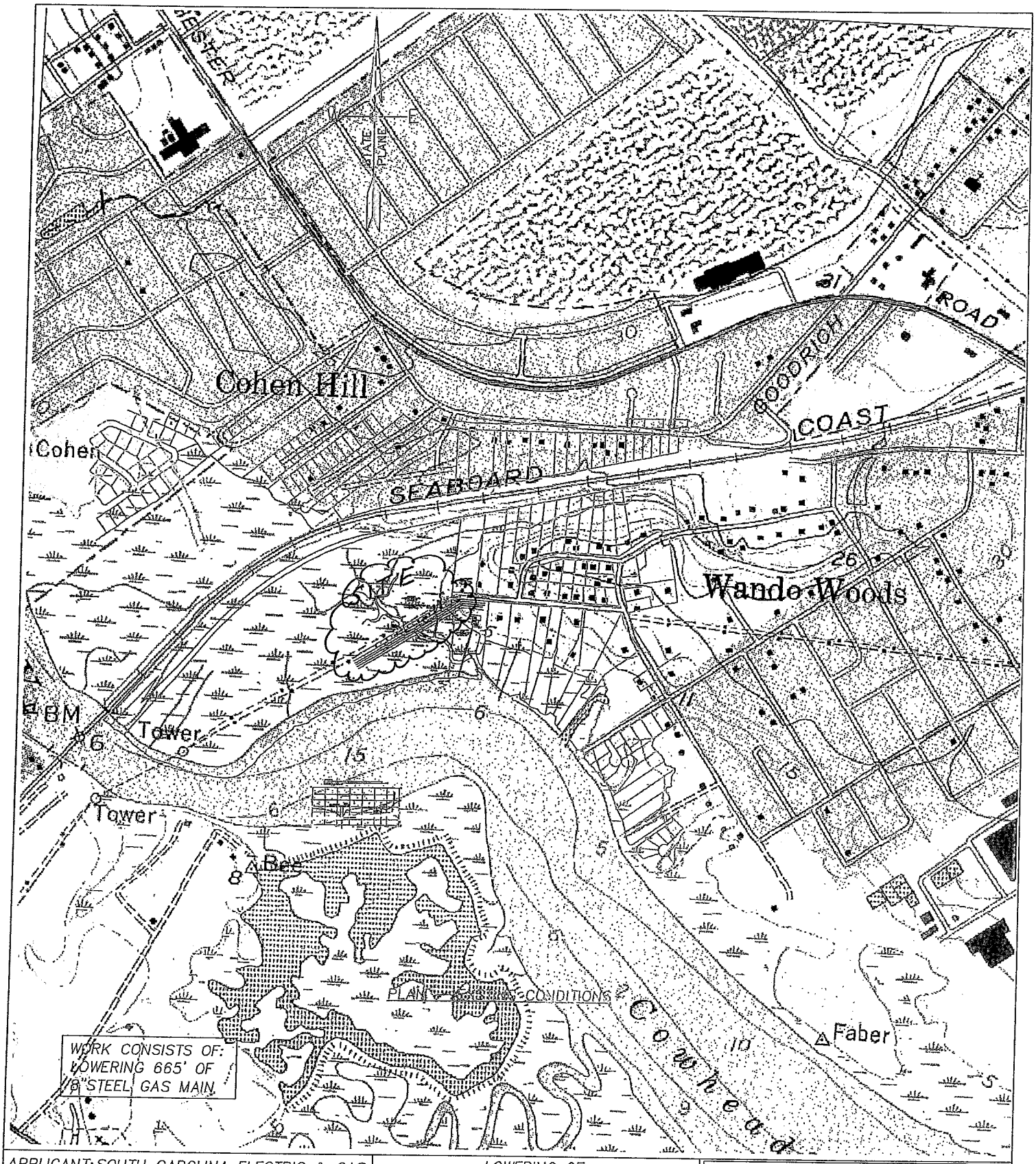

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SCALE: 1"=1000'

500 0 1000

STANDARD DIVING & MARINE CONTRACTORS
SETTING THE STANDARD SINCE 1957

GARY WEAKS, Manager
843.366.1766 (P)
843.366.1768 (F)
843.442.9607 (M)

MAILING ADDRESS
P.O. Box 2011
Mount Pleasant SC 29465

1670 Dry Dock Avenue
Building 37
North Charleston SC 29405

gweaks@standarddiv-mg.com

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SCE&G
Ashley River Marsh Exposure Remediation
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