



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
SAVANNAH DISTRICT, CORPS OF ENGINEERS  
1590 ADAMSON PARKWAY, SUITE 200  
MORROW, GEORGIA 30260-1777

APRIL 03 2013

Regulatory Division  
SAS-2011-01050

**JOINT PUBLIC NOTICE**  
**Savannah District/State of Georgia**

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), as follows:

Application Number: SAS-2011-01050

Applicant: Mr. Daniel G. Rothwell  
Rockdale County Stormwater Utility  
Post Office Box 1495  
Conyers, Georgia 30012

Agent: Mr. Robert Kendall  
Kendall & Associates, Inc.  
2443 Powders Springs Road  
Marietta, Georgia 30064

Location of Proposed Work: The project site is located within the Honey Creek Subdivision at 760 Sugar Hill Lane, 764 Sugar Hill Lane, 825 Sugar Creek Way and 820 Sweet Briar Lane, Conyers, Rockdale County, Georgia (latitude 33.5928, longitude -84.0205).

Description of Work Subject to the Jurisdiction of the US Army Corps of Engineers: To relocate 151 linear feet of stream channel approximately 50 feet east and fill in the existing channel after relocation is complete. The new channel will be constructed with log weirs to slow water velocity and create riffle and pool complexes to promote habitat creation. The new channel bottom will be four feet wide and the banks will be graded at to 2:1 slope. Two log weir structures will be installed in the channel to provide grade control and reduce stream velocity. Each weir will have a v-notch cut in the center to pass low flows. The channel bottom will be protected with rip rap on the upstream inflow and the downstream outflow openings in the weir.

The new channel banks will be protected with erosion control blankets and live stakes of black willow and silky dogwood along the entire length of the new channel banks. The new channel will be excavated at the location that will cause the least impact to existing trees. Stormwater runoff will discharge through a new culvert into an off-stream pool before entering the original channel downstream.

Avoidance and Minimization: The proposed project consists of a relocating 151 linear feet of stream 50 feet east to minimize erosion. The applicant will use incorporate bioengineering practices and work from uplands when feasible, minimizing impacts to aquatic features. Avoidance will be maximized to the greatest extent feasible to allow construction.

Compensatory Mitigation: The applicant proposes to impact 151 linear feet of perennial stream by relocating the stream 50 feet to the east. This will reduce the length of the stream from 151 linear feet long to be 100 linear feet long. The applicant will be required to provide mitigation for impacts to 51 linear feet of stream. The applicant proposes to purchase 243 stream mitigation credits from Little Sandy Creek Stream Mitigation Bank.

## **BACKGROUND**

This Joint Public Notice announces a request for authorizations from both the US Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

## **STATE OF GEORGIA**

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on, or adjacent to the waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Water Protection Branch, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354, during regular office hours. A copier machine is available for public use at a charge of 25 cents per page. Any person who desires to comment, object, or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can be reviewed in the Savannah District, US Army Corps of Engineers, Regulatory Division, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

## **US ARMY CORPS OF ENGINEERS**

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: Review of the latest published version of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion are located at the site or in the area affected by the proposed work. Presently

unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), we request information from the US Department of the Interior, Fish and Wildlife Service, the US Department of Commerce, the National Oceanic and Atmospheric Administration, and the National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The US Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the US Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army Permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

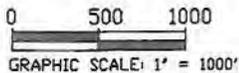
Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, US Army Corps of Engineers, Savannah District, Attention: Ms. Chikita' M. Sanders, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Ms. Chikita' Sanders, Biologist, Regulatory Specialist, Piedmont Branch at 678-422-6570.

Encls

1. Project Vicinity Map
2. Project Area Map
3. Project Site Survey
4. Conceptual Grading Plan
5. Stream Restoration Details

**PROJECT  
SITE**



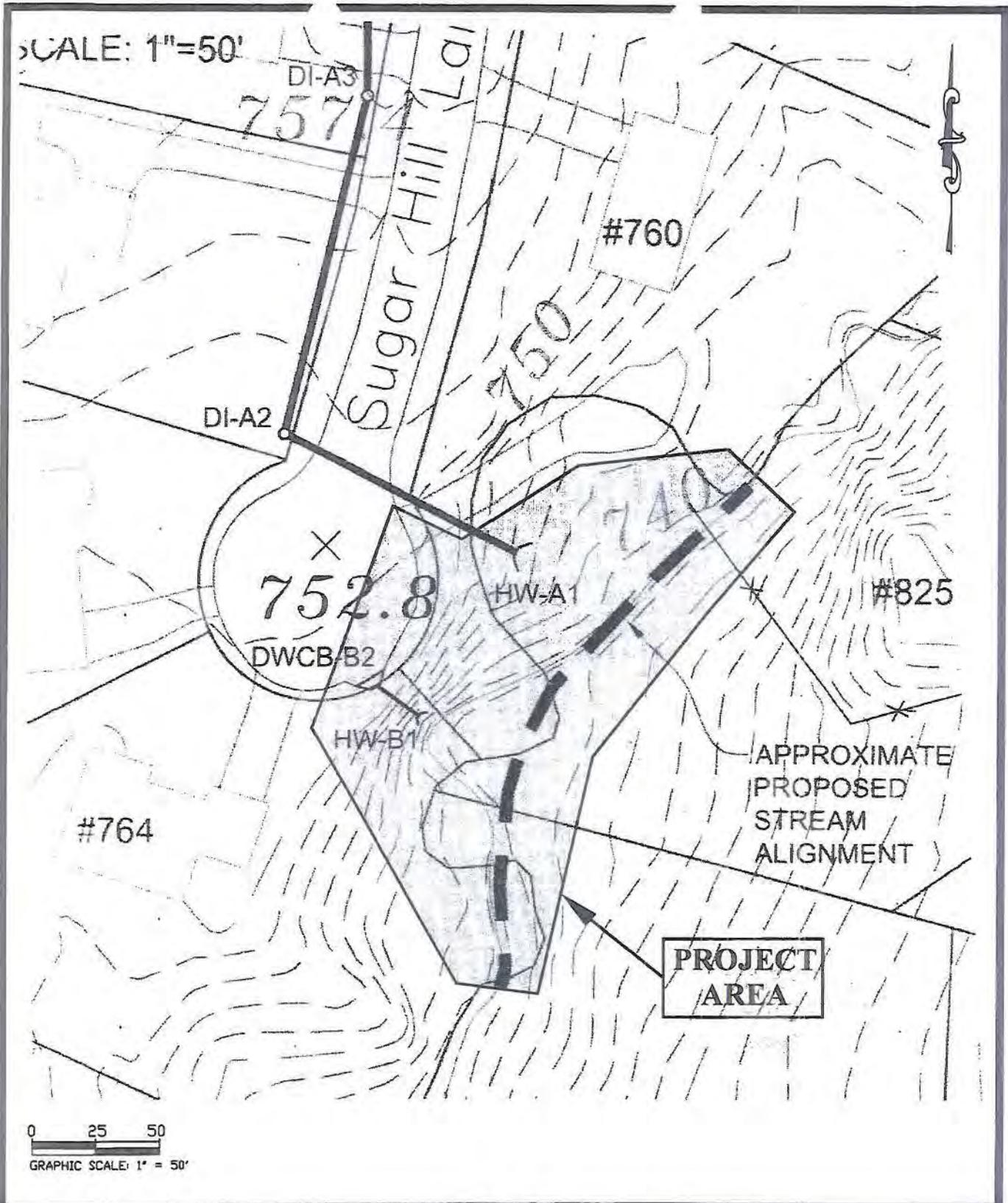
**FIGURE 1**  
**PROJECT VICINITY MAP**  
 760 SUGAR HILL LANE  
 DRAINAGE IMPROVEMENT PROJECT  
 ROCKDALE COUNTY, GEORGIA



**KENDALL &  
ASSOCIATES, INC.**

Soil and Ecological Consultants

1257 Channel Park Marietta, Georgia 30064, (Ph.) 770-439-8824



**FIGURE 3**  
**PROJECT AREA MAP**  
**760 SUGAR HILL LANE**  
**DRAINAGE IMPROVEMENT PROJECT**  
**ROCKDALE COUNTY, GEORGIA**

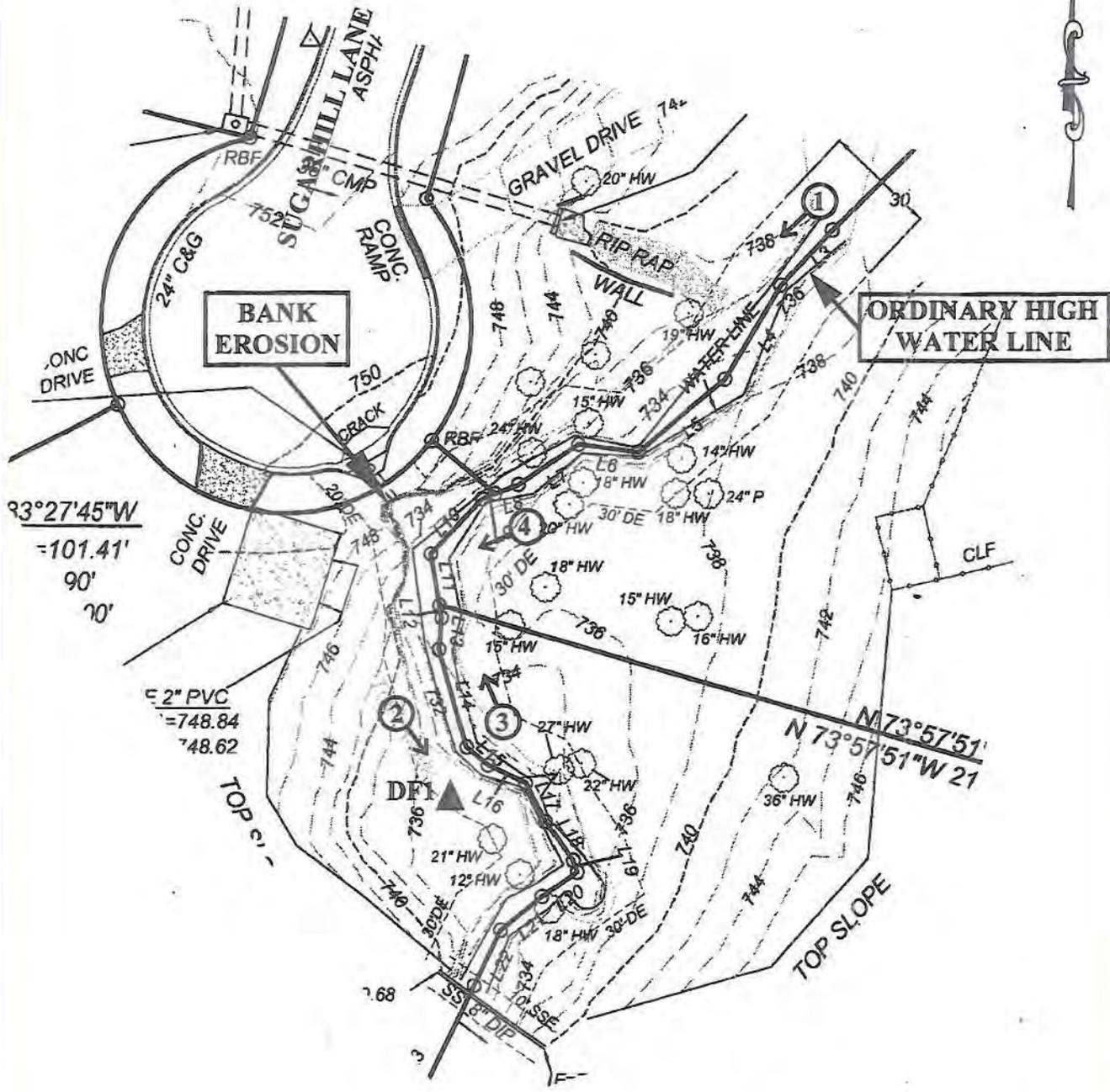


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$93^{\circ}27'45''W$   
 $=101.41'$   
 $90'$   
 $70'$

$E 2^{\circ} PVC$   
 $=748.84$   
 $748.62$

$N 73^{\circ}57'51''W 21'$   
 $M 73^{\circ}57'51''$

0 20 40  
 GRAPHIC SCALE: 1" = 40'

- LEGEND**
-  - PHOTO LOCATION / ORIENTATION
  -  - DATA FORM LOCATION

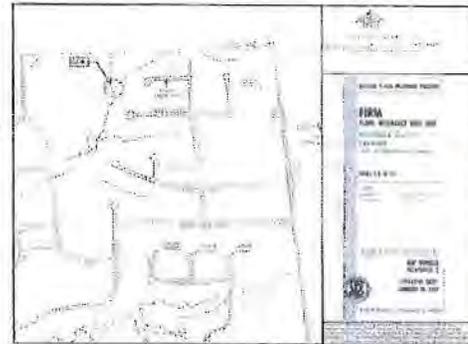
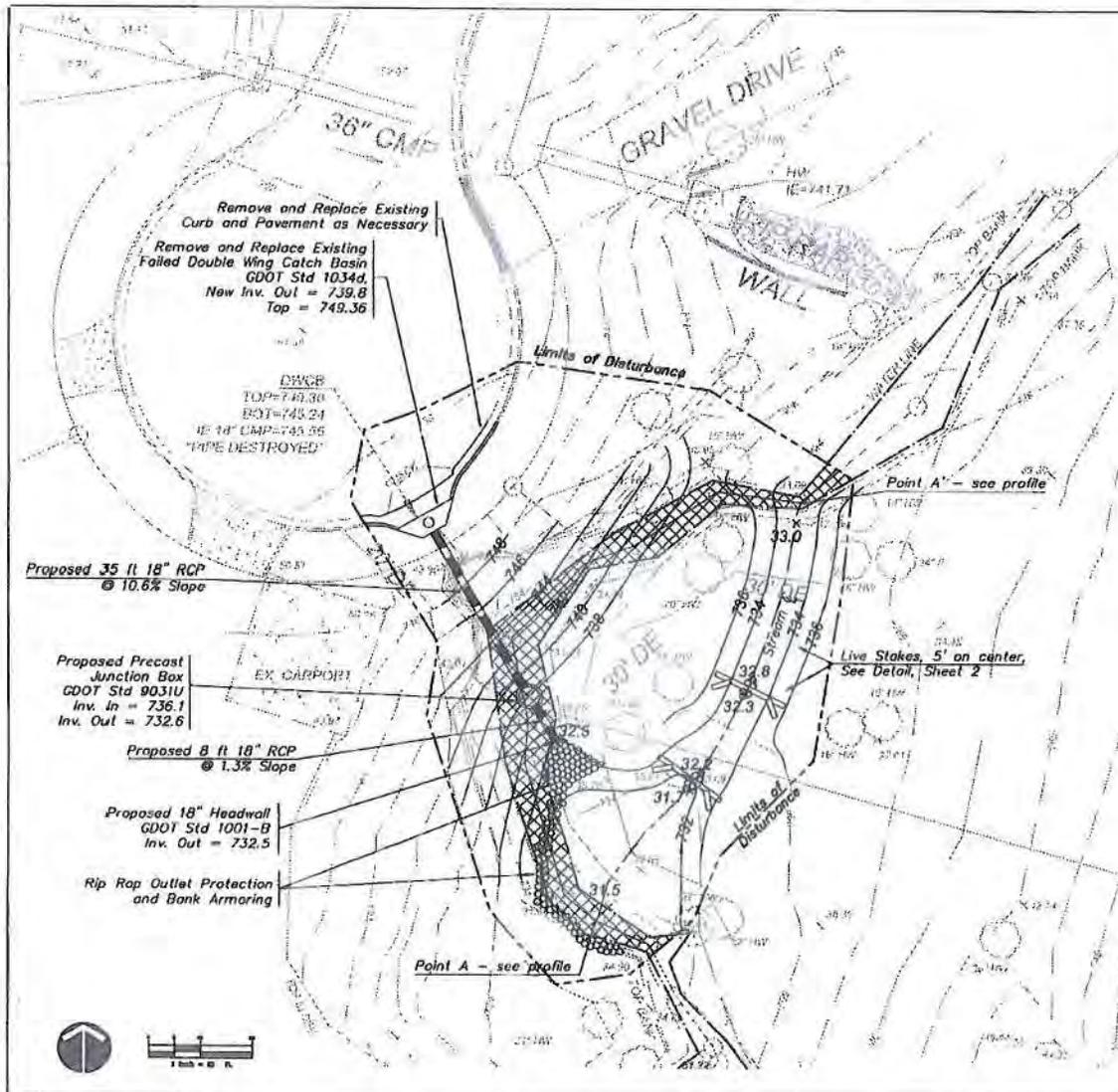
**FIGURE 7**  
**PROJECT SITE SURVEY**  
**760 SUGAR HILL LANE**  
**DRAINAGE IMPROVEMENT PROJECT**  
**ROCKDALE COUNTY, GEORGIA**



**KENDALL & ASSOCIATES, INC.**

Soil and Ecological Consultants

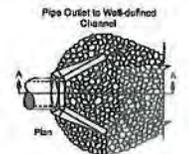
2443 Powder Springs Road Marietta, Georgia 30064, (Ph.) 770-439-8824



FEMA Flood Insurance Rate Map

NOTES:

- TOTAL DISTURBED AREA: 0.19 AC
- DISTURBED CREEK AREA 935 SF
- TOTAL LINEAR FEET OF EXISTING STREAM IMPACTED: 151 FT
- THIS PROJECT DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN, AS SHOWN ON FIRM PANEL 13247C0155C, EFFECTIVE JANUARY 19, 2001.
- ALL BASE INFORMATION SHOWN IS TAKEN FROM A SURVEY ENTITLED "TOPOGRAPHIC SURVEY FOR: ROCKDALE COUNTY SUGAR HILL LANE DRAINAGE IMPROVEMENT," DATED 11-8-2011 BY EARTHPRO LAND SURVEYING & PLANNING, BRASELTON, GA. CAMPBELL CIVIL CONSULTING MAKES NO WARRANTY CONCERNING THE ACCURACY OF THIS BASE INFORMATION.
- THIS PLAN HAS NOT BEEN APPROVED FOR CONSTRUCTION BY ROCKDALE COUNTY, AND IS SHOWN FOR REGULATORY REVIEW ONLY.
- ALL RIP RAP SHALL BE GDOT TYPE 3 (12 INCH MAX, 8 INCH AVERAGE, GRADED RIP RAP STONE) SEE GEORGIA EROSION AND SEDIMENTATION CONTROL MANUAL APPENDIX C.



Rip Rap Detail

Notes

1.  $L_p$  is the length of the riprap apron.  
 $L_p \geq 8R$
2.  $D = 1.5$  times the maximum stone diameter but not less than 6".  
 $D \geq 18$  in.
3. In a well defined channel extend the apron up the channel banks to an elevation of 6" above the maximum water depth or to the top of the bank, whichever is less.
4. A filter blanket or filter fabric should be installed between the riprap and soil foundation.

**CAMPBELL CIVIL CONSULTING**

580 Dunwoody Rd  
Atlanta, GA 30328  
404.844.8801 • Fax  
404.844.3902 Twp  
www.campbellcc.com

NO.	DATE	BY	FOR
1	10/27/11	JK	CONCEPT PLAN
2	11/07/11	JK	CONCEPT PLAN
3	11/07/11	JK	CONCEPT PLAN

The design is prepared by the engineer and is not to be used for any other project without the written consent of Campbell Civil Consulting.

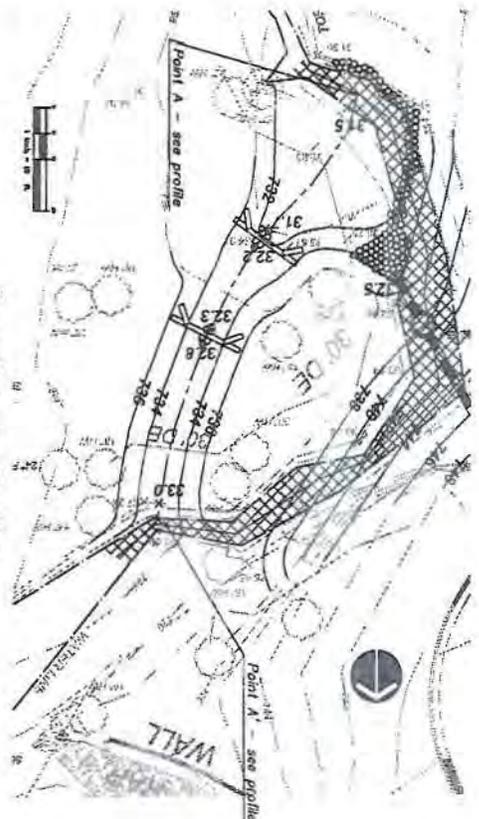
The engineer or designee has not performed a field inspection of the site for construction.

1518 VINE BROOKWAY  
ATLANTA, GA 30328

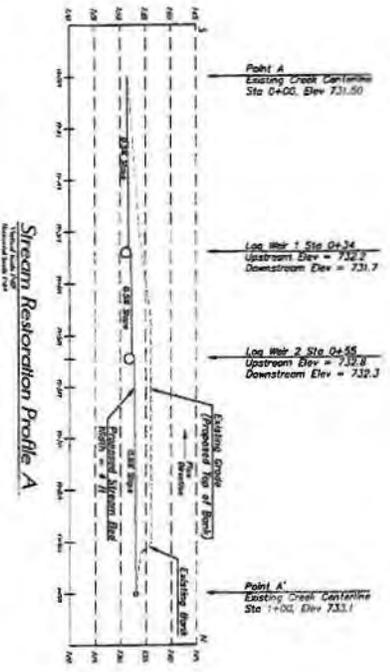
**Sugar Hill Lane Drainage Improvement Project**

A Project for: Rockdale County Stormwater Utility

Drawing No.	Concept Grading Plan - USACE
Drawing Number	1
Sheet of	1

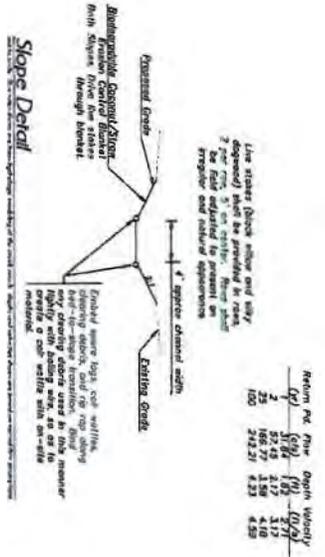


Stream Restoration Plan View

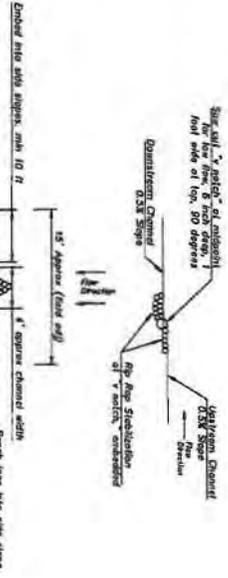


Stream Restoration Profile A

NOTES:  
 PROPOSED STREAM BED SHALL BE OVER-ENCAUSED AND BED MATERIAL FOR THE PROPOSED STREAM SHALL BE TAKEN FROM PRACTICE AREAS, INCLUDING SLOTTED CONCRETE AND ALUMINUM DEPOSITING UNSUITABLE FOR STRUCTURAL FILL OF THE POND REPLACEMENT.



Slope Detail



Log Weir Detail

Station	Profile	Open	Wholly
0+00	57.9	1.01	0.91
1+00	57.9	1.10	1.10
2+00	57.9	1.50	1.10
3+00	57.9	2.12	1.10
4+00	57.9	2.33	1.10
5+00	57.9	2.55	1.10

**CAMPBELL CONSULTING**  
 1400 S. W. 10th Ave.  
 Fort Lauderdale, FL 33304  
 Phone: 754.333.1111  
 Fax: 754.333.1112  
 Website: www.campbellconsulting.com

**Sugar Hill Lane Drainage Improvement Project**  
 A Project for: Rockdale County Stormwater Utility

Division 16  
 Stormwater Restoration  
 USACE

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