

# JOINT PUBLIC NOTICE

December 8, 2014

United States Army  
Corps of Engineers  
New Orleans District  
Attn: Regulatory Branch  
Post Office Box 60267  
New Orleans, Louisiana 70160-0267

State of Louisiana  
Department of Environmental Quality  
Attn: Water Quality Certification Sec.  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

Project Manager: Bobby Quebedeaux  
(504) 862-2224 / fax: (504) 862-2574  
bobby.d.quebedeaux@usace.army.mil  
Permit Application Number:  
MVN-2014-2334-WJJ

Project Manager:  
Elizabeth Johnson  
(225) 219-3225 / fax: (225) 325-8125  
WQC Application Number:  
WQC 141202-02

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to:  Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or  Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

## **INSTALL CULVERTS, CONSTRUCT AN ACCESS ROAD AND A WELL PAD SITE IN IBERIA PARISH**

**NAME OF APPLICANT:** Stone Energy Corporation, Attn: Shannon DuBois, 625 E. Kaliste Saloom Road, Lafayette, Louisiana 70508

**LOCATION OF WORK:** Avery Island, Louisiana, in Iberia Parish (29.888889, -91.871111, Hydrologic Unit Code 08080103, Vermilion Watershed).

**CHARACTER OF WORK:** Install culverts and construct an access road and a well site with a ring levee and borrow ditch, all to drill the Avery Island No. 1 Well. Approximately 4.82 acres of unavoidable vegetated wetland impacts will be compensated for through the purchase of credits from an approved mitigation bank in the same hydrologic basin.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be submitted so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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, floodplain 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.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian 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 U.S. Army Corps of Engineers to determine whether to make, 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 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.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or

data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction or alteration of **N/A** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, before a permit is issued.

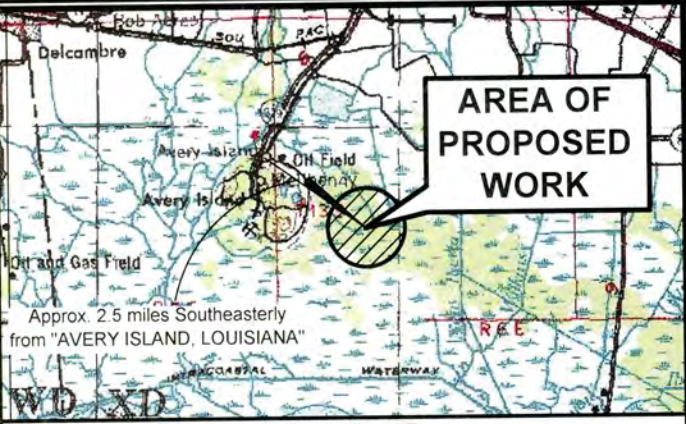
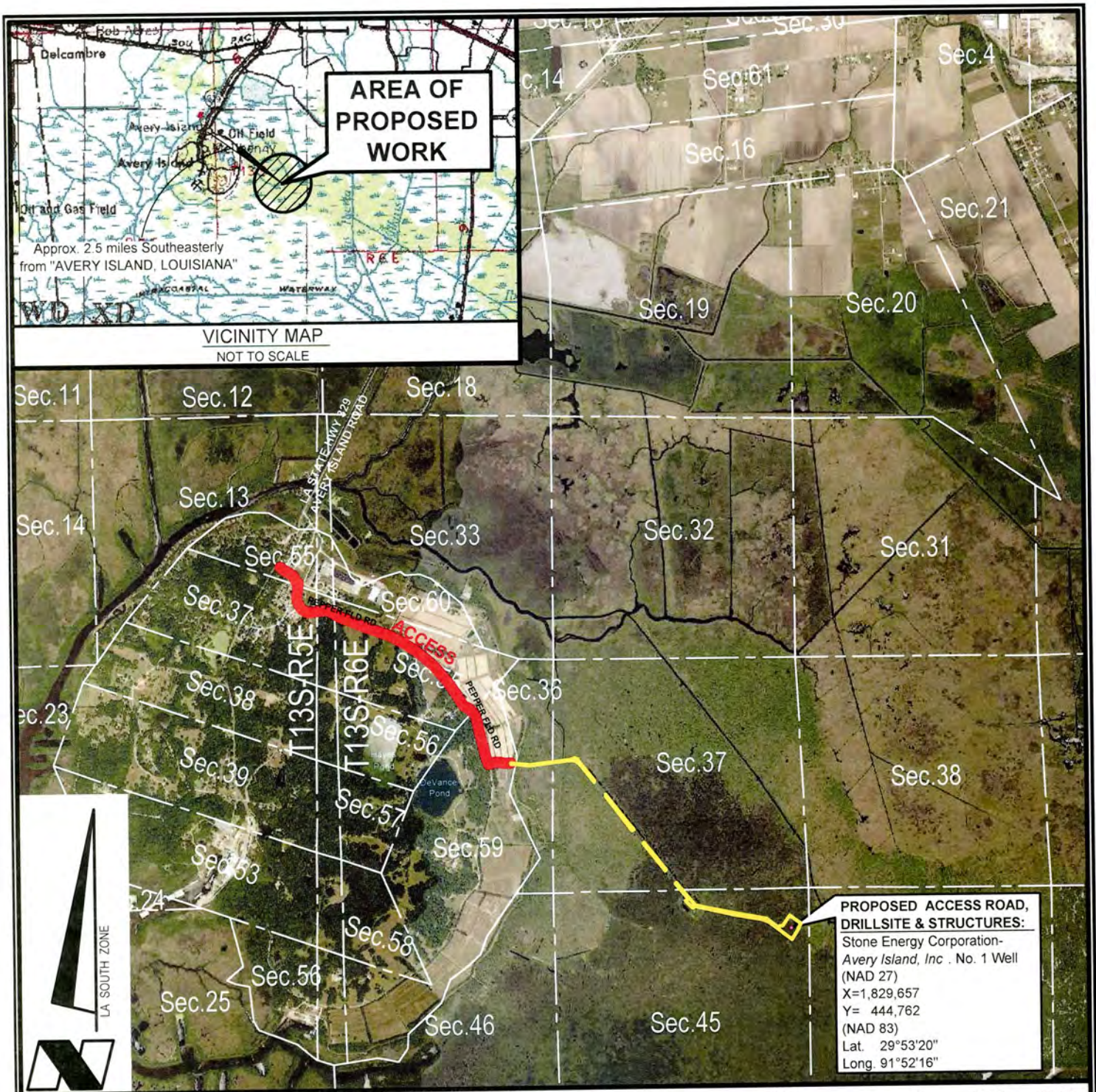
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

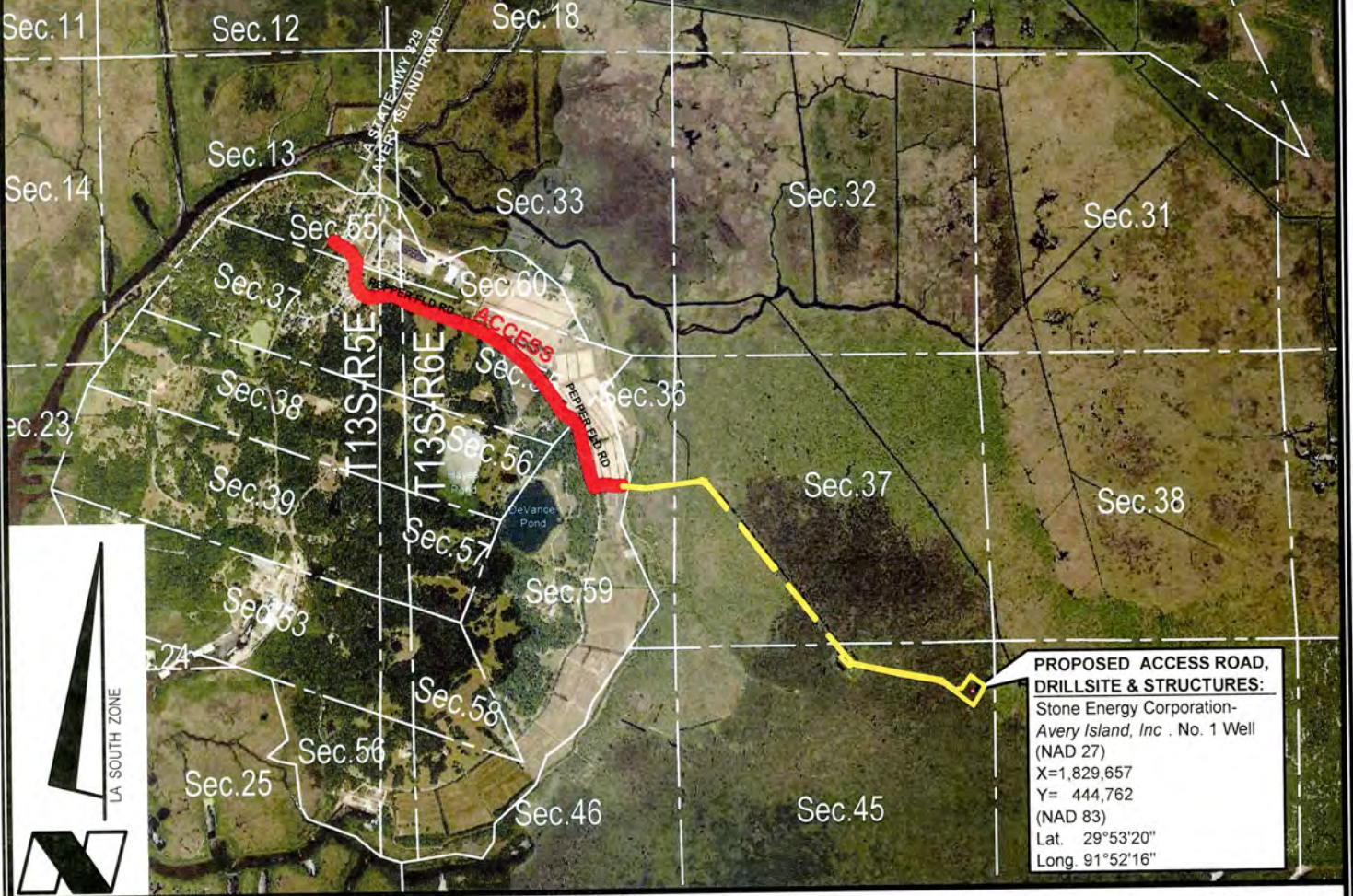
You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara  
Chief, Western Evaluation Section  
Regulatory Branch

Enclosure



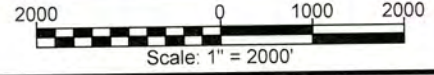
VICINITY MAP  
NOT TO SCALE



**PROPOSED ACCESS ROAD, DRILLSITE & STRUCTURES:**  
 Stone Energy Corporation-  
 Avery Island, Inc . No. 1 Well  
 (NAD 27)  
 X=1,829,657  
 Y= 444,762  
 (NAD 83)  
 Lat. 29°53'20"  
 Long. 91°52'16"

NOTE:  
 THE CONTENTS OF THESE PLANS ARE INTENDED  
 EXCLUSIVELY FOR THE PURPOSE OF OBTAINING  
 ENVIRONMENTAL COMPLIANCE PERMITS

VICINITY MAP



**STONE ENERGY CORPORATION**  
 PROPOSED ACCESS ROAD, DRILLSITE & STRUCTURES  
 Avery Island, Inc. No. 1 Well  
 Section 45, T13S-R6E  
 Iberia Parish, Louisiana



Lafayette New Orleans Houston  
 135 Regency Sq. Lafayette, LA 70508  
 Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

|   |          |                     |
|---|----------|---------------------|
| DRAWN BY: KJD   | REVISED: | DATE: 09/08/2014    |
| PROJ. MGR.: JPC   |          | SHEET 1 OF 7 SHEETS |
| FILENAME: T:\2014\2144339\DWG\COE\Stone-Avery Island No.1 COE PLANS.dwg |          |                     |

R 6 E

Represents Fill Areas-NonWet  
Represents Fill Areas-Wetlands

PROPOSED ROAD ACCESS START At Existing 84" Culvert (NAD 83) Lat. 29°53'56" Long. 91°53'26"

PROPOSED REFURBISHMENT OF EXISTING BRIDGE (NAD 83) Lat. 29°53'56" Long. 61°53'13"

PROPOSED ACCESS ROAD 0.5' of Permitted Material on Existing Headland Road (±2000'X20' Wide)

Sec. 36

Sec. 37

±390' of Low Area Below +2' Elevation (Non-Wet)

Proposed 24" Culverts at Washed Out Areas

±845' of Low Area Below +2' Elevation (±603' Non-Wet) (±242' Wet)

PROPOSED BOARD ROAD

On Existing Headland Road With ±2' of Fill in Low Areas (±1435'x26') And 0.5' of Permitted Material (±3370'X26' Wide)

±100' of Low Area Below +2' Elevation (Non-Wet)

Sec. 59

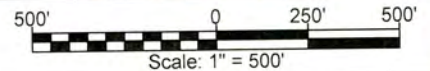
Sec. 46

Sec. 45



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VICINITY MAP



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Avery Island, Inc. No. 1 Well  
Section 45, T13S-R6E  
Iberia Parish, Louisiana



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SHEET 2 OF 7 SHEETS

FILENAME: T:\2014\2144339\DWG\COE\Stone-Avery Island No.1 COE PLANS.dwg

 Represents Fill Areas-NonWet  
 Represents Fill Areas-Wetlands

R 6 E

Drainage

**PROPOSED BOARD ROAD**

On Existing Headland Road  
With ±2' of Fill in Low Areas  
(±1435'x26')  
And 0.5' of Permitted Material  
(±3370'X26' Wide)

Sec. 37

Sec. 38

±100' of Low Area Below +2' Elevation

McMORAN-Avery Island No. 1 Well P&A'd

**PROPOSED DRILLSITE**  
(300' x 400')  
With a Closed Mud System  
(280' x 25')

Drainage

T

13

S

**PROPOSED PULLOVER**  
(100' x 200')  
(NAD 83)  
Lat. 29°53'25"  
Long. 91°52'41"

**PROPOSED BOARD ROAD AND 90'X90'WINGS**  
With 3 Feet of Fill and Proposed 24" Culverts  
Placed Every 250'  
(±1990'x26')

**PROPOSED ACCESS ROAD, DRILLSITE & STRUCTURES:**

Stone Energy Corporation-Avery Island, Inc. No. 1 Well  
(NAD 27)  
X=1,829,657  
Y= 444,762  
(NAD 83)  
Lat. 29°53'20"  
Long. 91°52'16"

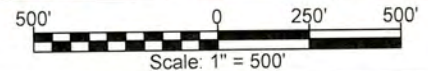
Sec. 45

Sec. 44



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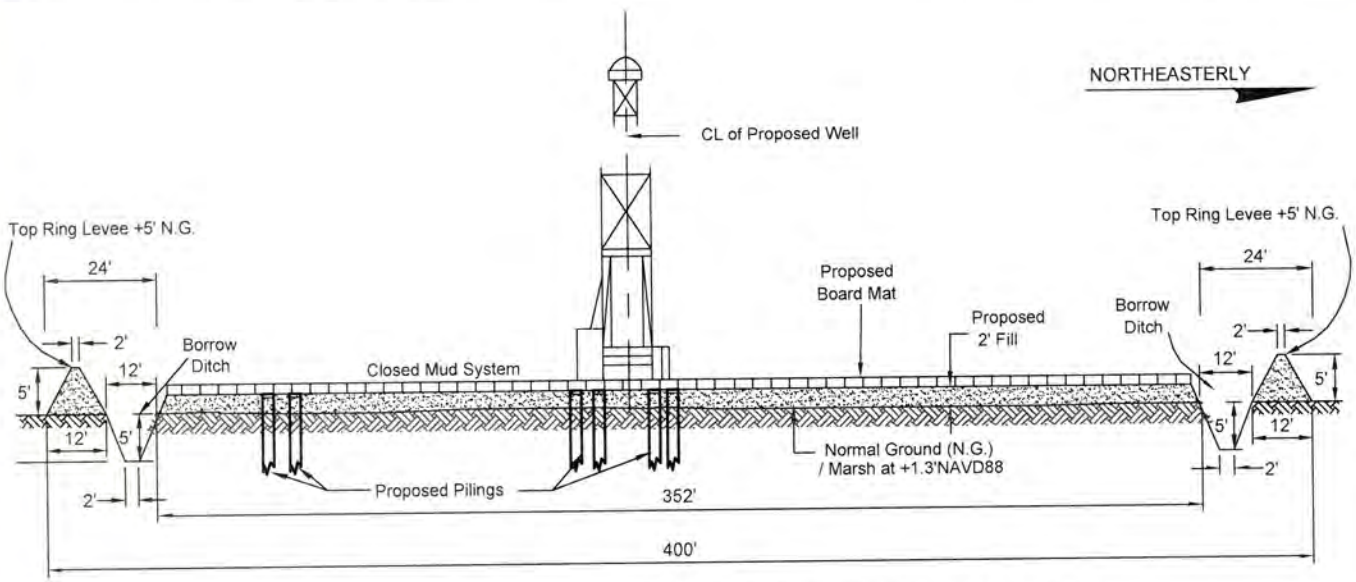
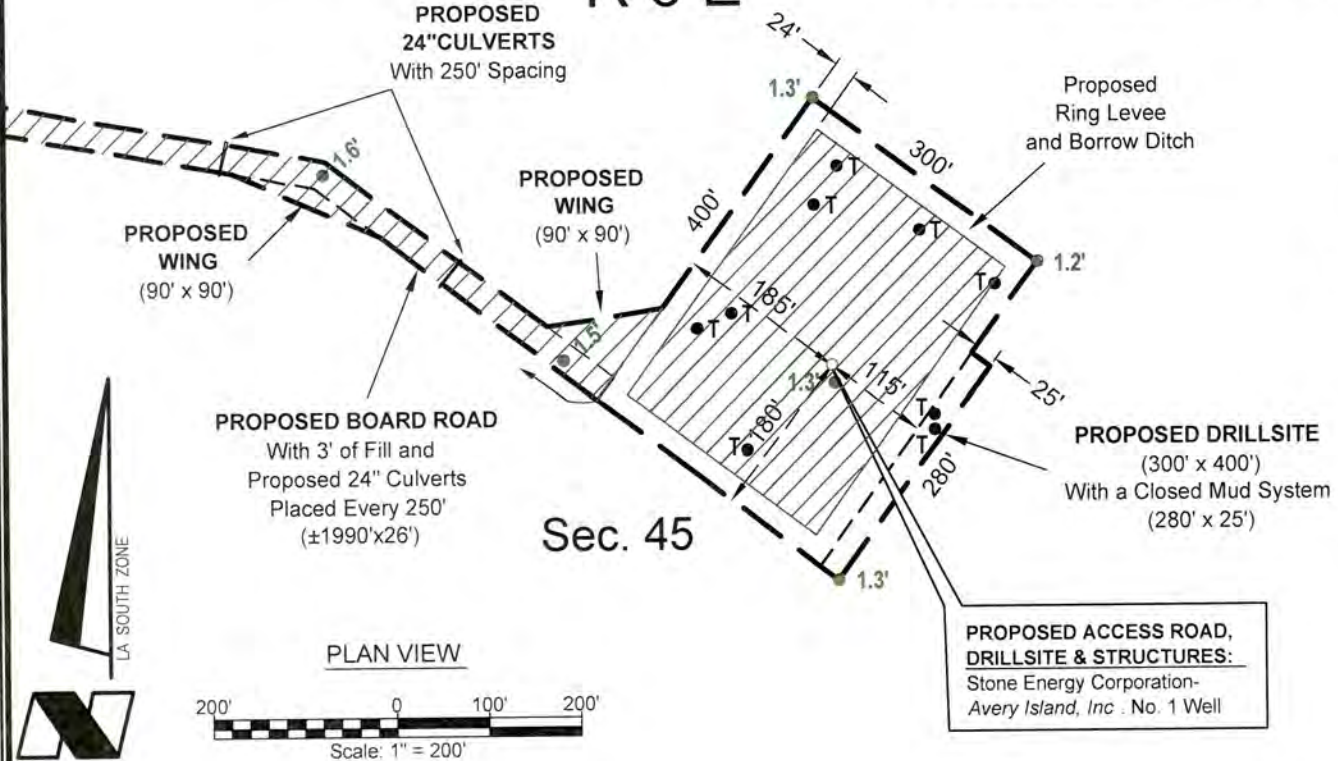
SHEET 3 OF 7 SHEETS

FILENAME: T:\2014\2144339\DWG\COE\Stone-Avery Island No.1 COE PLANS.dwg

R 6 E

● T Reference Cypress Trees within Work Area

T  
13  
S



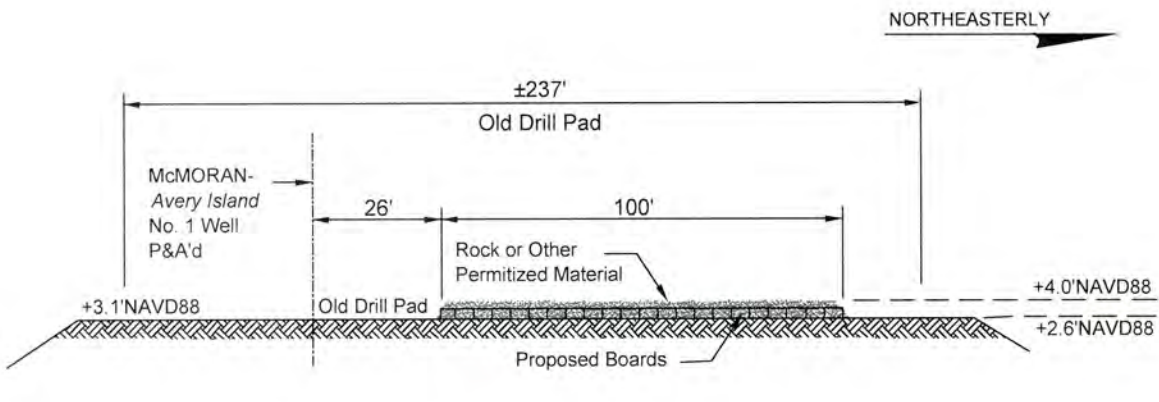
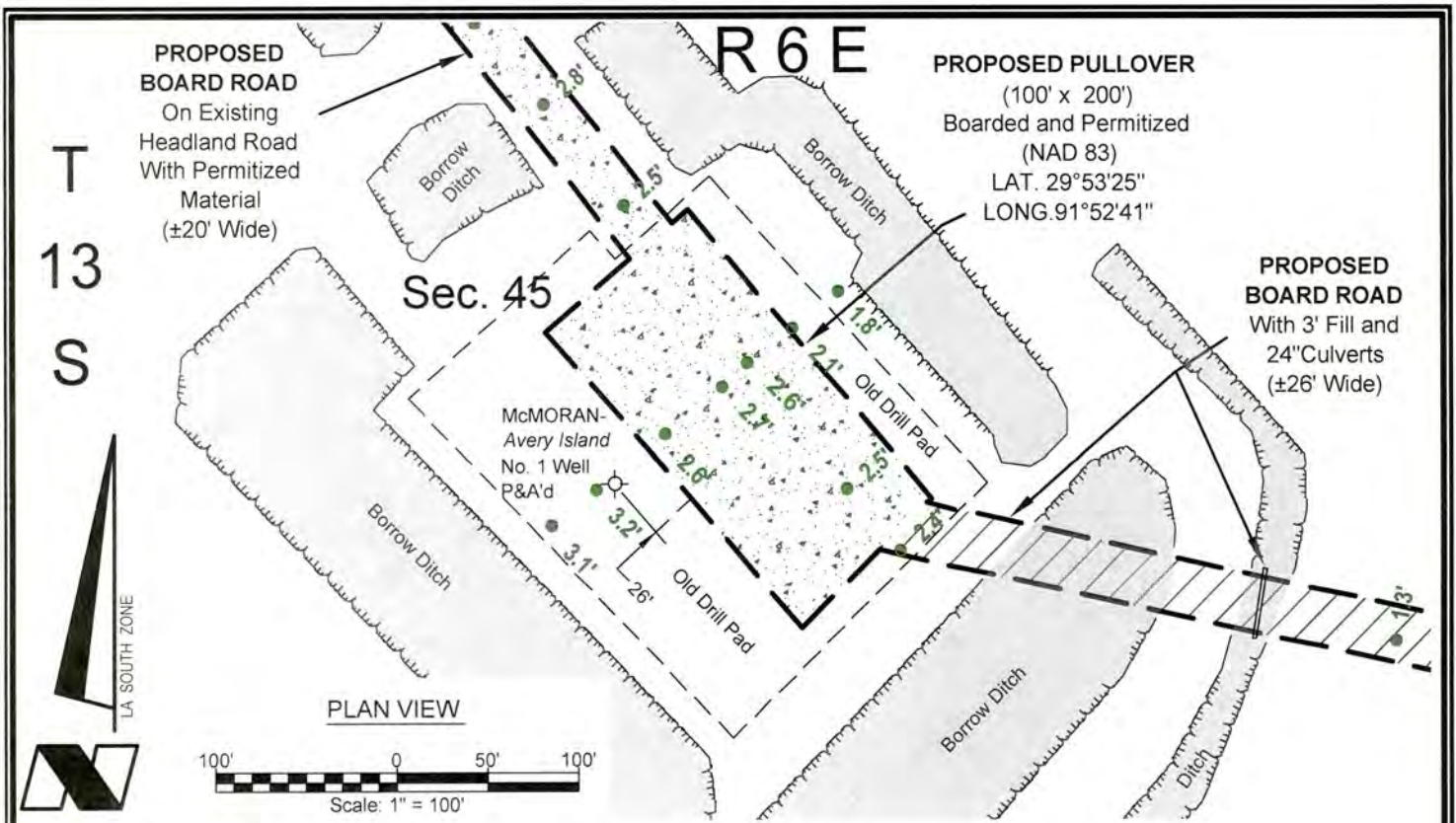
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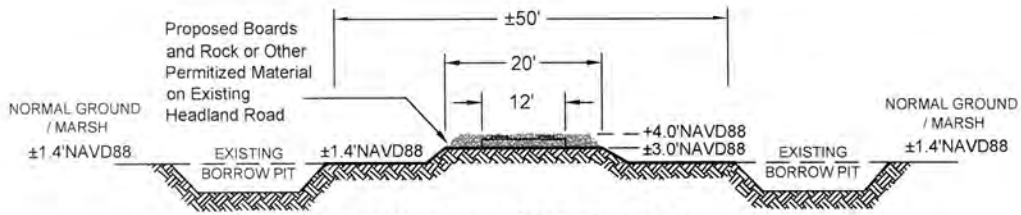
**CROSS-SECTION OF PROPOSED PULLOVER**  
No Scale

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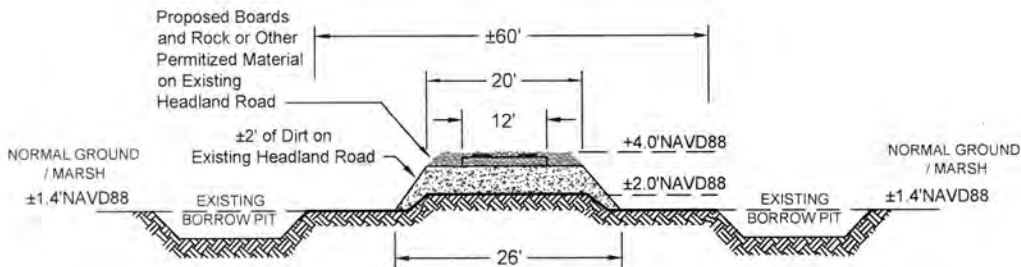
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PROPOSED ACCESS ROAD, DRILLSITE & STRUCTURES  
*Avery Island, Inc. No. 1 Well*  
Section 45, T13S-R6E  
Iberia Parish, Louisiana

|   |                 |                     |                  |
|---|-----------------|---------------------|------------------|
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|   | PROJ. MGR.: JPC | SHEET 5 OF 7 SHEETS |                  |
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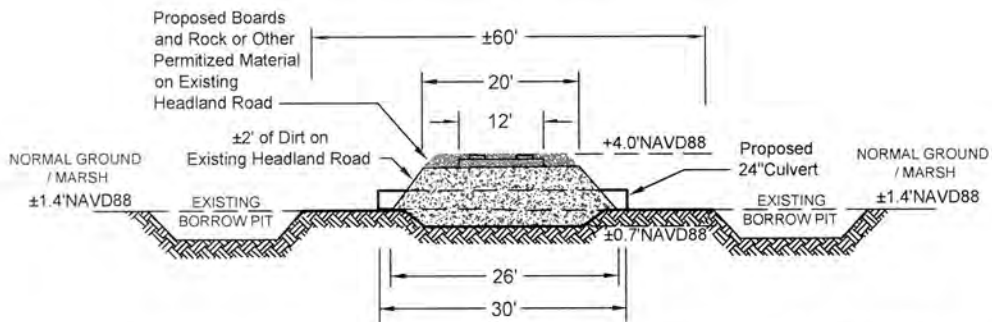




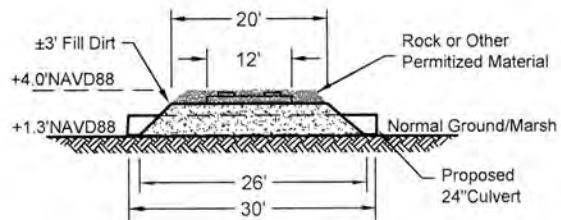
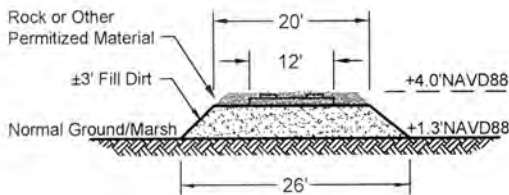
**TYPICAL ACCESS ROAD**  
No Scale



**TYPICAL ACCESS ROAD WITH FILL**  
No Scale



**TYPICAL ACCESS ROAD WITH FILL AT WASHED OUT AREA**  
No Scale



**TYPICAL BOARD ROAD**  
No Scale

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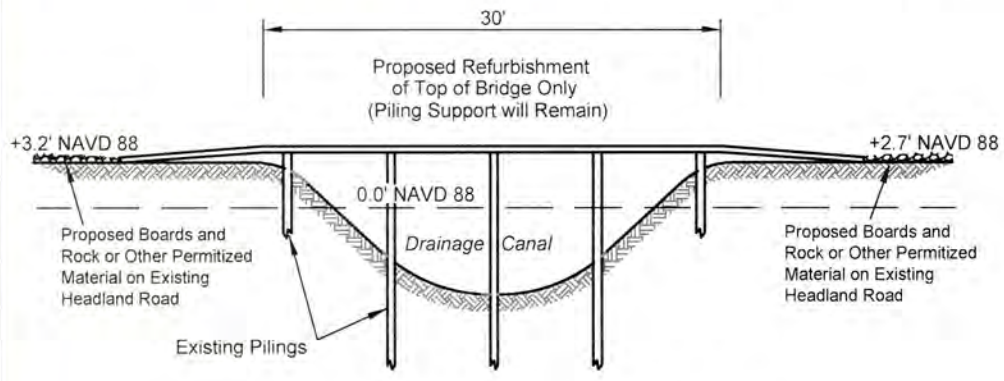
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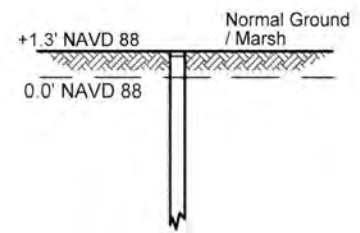
SHEET 6 OF 7 SHEETS

FILENAME: T:\2014\2144339\DWG\COE\Stone-Avery Island No.1 COE PLANS.dwg

|  | VOLUME                       | AREA            |
|--|------------------------------|-----------------|
| EXCAVATION REQUIRED FOR RING LEVEES IN WETLANDS .....                              | 1,880 CU. YDS.               |                 |
| <b>TOTAL EXCAVATION IN WETLANDS .....</b>  | <b>1,880 CU. YDS.</b>        | <b>0.39 AC.</b> |
| EARTHEN FILL REQUIRED FOR DRILLSITE IN WETLANDS .....                              | 7,000 CU. YDS.               |                 |
| EARTHEN FILL REQUIRED FOR RING LEVEES IN WETLANDS .....                            | 1,880 CU. YDS.               |                 |
| EARTHEN FILL REQUIRED FOR EXISTING ROAD IN WETLANDS .....                          | 412 CU. YDS.                 |                 |
| EARTHEN FILL REQUIRED FOR NEW ROAD ACCESS & WINGS IN WETLANDS .....                | 5,986 CU. YDS.               |                 |
| <b>TOTAL EARTHEN FILL IN WETLANDS .....</b>  | <b>15,278 CU. YDS.</b>       | <b>4.43 AC.</b> |
| EARTHEN FILL REQUIRED FOR EXISTING ROAD IN NON-WETLANDS .....                      | 2,033 CU. YDS.               |                 |
| <b>TOTAL EARTHEN FILL IN NON-WETLANDS .....</b>                                    | <b>2,033 CU. YDS.</b>        | <b>0.71 AC.</b> |
| PERMITIZED MATERIAL REQUIRED FOR EXISTING ROAD ACCESS IN WETLANDS .....            | 90 CU. YDS.                  |                 |
| PERMITIZED MATERIAL REQUIRED FOR NEW ROAD ACCESS & WINGS IN WETLANDS .....         | 887 CU. YDS.                 |                 |
| <b>TOTAL PERMITIZED MATERIAL IN WETLANDS .....</b>                                 | <b>977 CU. YDS. INCLUDED</b> |                 |
| PERMITIZED MATERIAL REQUIRED FOR EXISTING ROAD ACCESS & WING IN NON-WETLANDS ..... | 1899 CU. YDS.                |                 |
| PERMITIZED MATERIAL REQUIRED FOR PULLOVER SITE IN NON-WETLANDS .....               | 370 CU. YDS.                 |                 |
| <b>TOTAL PERMITIZED MATERIAL IN NON-WETLANDS .....</b>                             | <b>2,269 CU. YDS.</b>        | <b>2.27 AC.</b> |



**TYPICAL BRIDGE REFURBISHMENT**  
No Scale



**TYPICAL PILING**  
No Scale

**NOTES:**

1. Material for drillsite levees will be taken from within the leveed perimeter.
2. Material for Drillsite, Board Road, and Pullover will be hauled in from an upland source.
3. The drillsite and ring levees will be degraded within 90 days following abandonment. The material will be deposited to the extent practicable into the borrow areas from which the material was excavated and the area leveled and restored to as near preproject conditions as practicable.
4. In the event the well is productive, boards may be replaced with gravel or other suitable permitizing material and the area restored except for the minimum area required for production. One 24" culvert will be installed every 250' along new road access. Culverts shall be maintained to ensure that existing flow of surface water is uncompromised.
5. Closure procedures, including onsite land treatment and/or offsite disposal of mud pit contents and other drilling residues, shall be conducted in accordance with appropriate Federal and State Regulations.
6. Closed Mud System will be used.
7. Bridge refurbishment will replace top of bridge only. Piling support will remain.

DISCLAIMER: At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

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