

JOINT PUBLIC NOTICE

October 28, 2013

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

State of Louisiana
Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-1217
Project Manager
Kenny Blanke
Kenneth.G.Blanke@usace.army.mil
MVN 2013-2047-CQ

(225) 219-3225
Project Manager
Jamie Phillippe
WQC Application Number
WQC# 130913-02

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the US 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 [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS 30:2074 A(3) and provisions of Section 401 of the Clean Water Act.

INSTALL A BOARD ROAD, CULVERTS, AND PLACE FILL FOR A RING LEVEE AND DRILL SITE TO DRILL THE SLIDER WELLS NO. 1 AND NO. 2 IN LIVINGSTON PARISH

NAME OF APPLICANT: HILCORP ENERGY COMPANY, c/o Enercon Services, Inc.,
Attn: Ms. Jennifer Pluhar, 5850 San Felipe Street, Suite 400, Houston, Texas 77057.

LOCATION OF WORK: Located in Sections 29, 32, & 48, Township 6S, Range 3E, near Denham Springs, Louisiana, in LIVINGSTON PARISH, 30.49164 N and -90.92872 W, as shown on the enclosed drawings. This project is located in USGS Hydrologic Unit Code (HUC) 08070202-Amite River.

CHARACTER OF WORK: The applicant is requesting a Department of the Army permit to install and maintain an approximate 1,452-linear foot board road, to clear, excavate, place and maintain fill material for the construction of a ring levee for a drill site to drill the Slider Wells No. 1 and No. 2, and install and maintain via horizontal directional drilling methodology two (2) approximate 5,700-linear foot flowlines to produce the two wells. Approximately 401 cubic yards of native material (373 cubic yards for the ring levee and 28 cubic yards for the proposed culverts) would be placed in jurisdictional areas and approximately 3,928 cubic yards of limestone material would be hauled onsite and placed as fill material, should the well be successful. Approximately 5.51 total acres of jurisdictional bottomland hardwood forested wetlands would be cleared and converted to herbaceous wetlands; of which approximately 2.402 acres of jurisdictional bottomland

hardwood forested wetlands would be permanently impacted via fill placement with hauled limestone if the wells are successful. Project implementation proposes the clearing of a 10-foot wide by 915-foot long flowline right-of-way to be cleared and maintained as an herbaceous wetland. All access roads and the 400-foot x 420-foot well pad would use 2 layers of 6-inch wooden mat material as temporary fill except in the areas proposed to be filled with limestone if the wells are successful. The applicant is proposing to install 18-inch culverts at a minimum of every 250 feet along the proposed access road to maintain hydrology of the avoided adjacent wetland areas. The applicant has designed the project to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. As compensation for unavoidable wetland impacts, the applicant is proposing to purchase appropriate credits from a Corps approved mitigation bank.

The comment period for the Department of Army will close in **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 mailed 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 mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar 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. Individuals or parties may request an extension of time in which to comment on the proposed work by writing 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.

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 US 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 US 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.

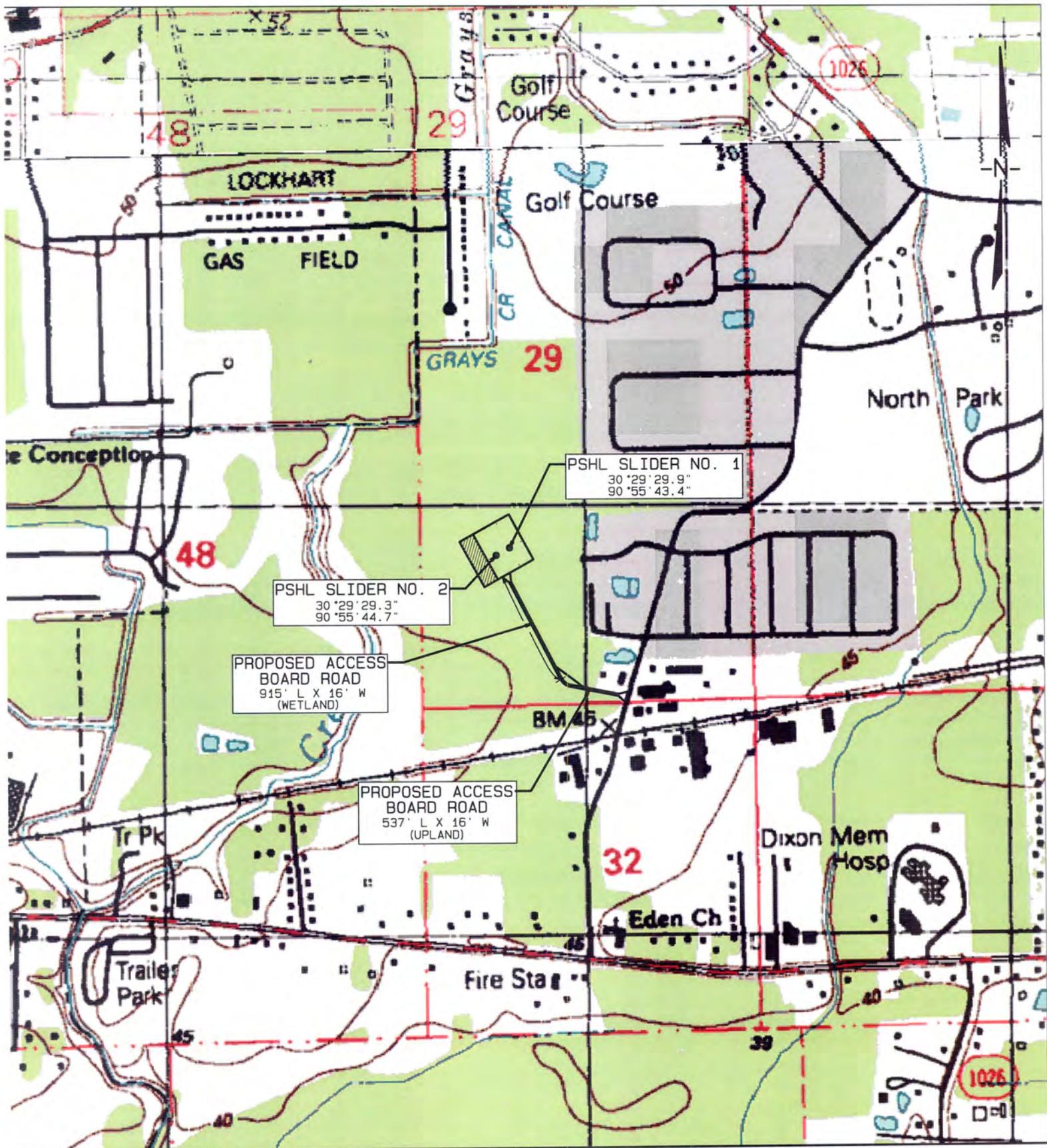
This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to n/a acres of EFH utilized by various life stages of red drum and penaeid shrimp. 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 water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services 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. 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.

JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

Enclosures



PSHL SLIDER NO. 1
 30°29'29.9"
 90°55'43.4"

PSHL SLIDER NO. 2
 30°29'29.3"
 90°55'44.7"

PROPOSED ACCESS BOARD ROAD
 915' L X 16' W
 (WETLAND)

PROPOSED ACCESS BOARD ROAD
 537' L X 16' W
 (UPLAND)

LOCATION MAP

GRAPHIC SCALE 1"=1,000'



0 1,000'

NOTE:

THESE DRAWINGS WERE PREPARED EXCLUSIVELY FOR OBTAINING REGULATORY APPROVALS & ARE NOT INTENDED AS CONSTRUCTION DRAWINGS OR SPECIFICATIONS.

REFERENCE MAPS:

PROPOSED WELL LOCATION

SLIDER PROSPECT WELLS 1 & 2

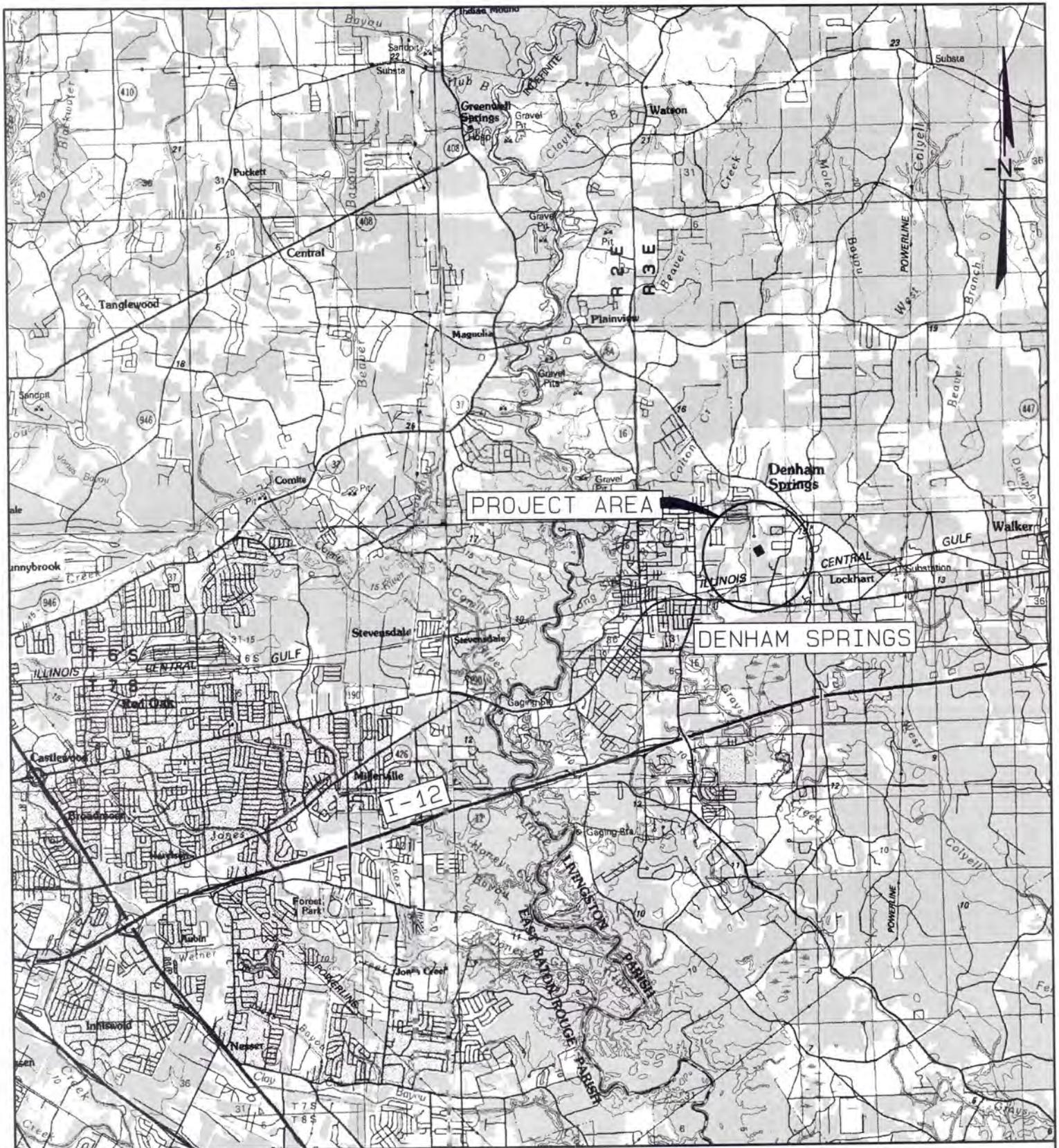
SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD

EAST BATON ROUGE PARISH, LOUISIANA

APPLICATION BY: HILCORP ENERGY COMPANY

PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC

BATON ROUGE, LA 225-267-4128



VICINITY MAP

GRAPHIC SCALE 1"=8,333'



NOTE:

THESE DRAWINGS WERE PREPARED EXCLUSIVELY FOR OBTAINING REGULATORY APPROVALS & ARE NOT INTENDED AS CONSTRUCTION DRAWINGS OR SPECIFICATIONS.

REFERENCE MAPS:

USGS 'BATON ROUGE', LA, 'NEW ROADS', LA-MISS, 'PONCHATOLA', LA, AND 'AMITE', LA 1:1,000,000 QUADRANGLE MAPS.

PROPOSED WELL LOCATION

SLIDER PROSPECT WELLS 1 & 2

SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD
LIVINGSTON PARISH, LOUISIANA

APPLICATION BY: HILCORP ENERGY COMPANY

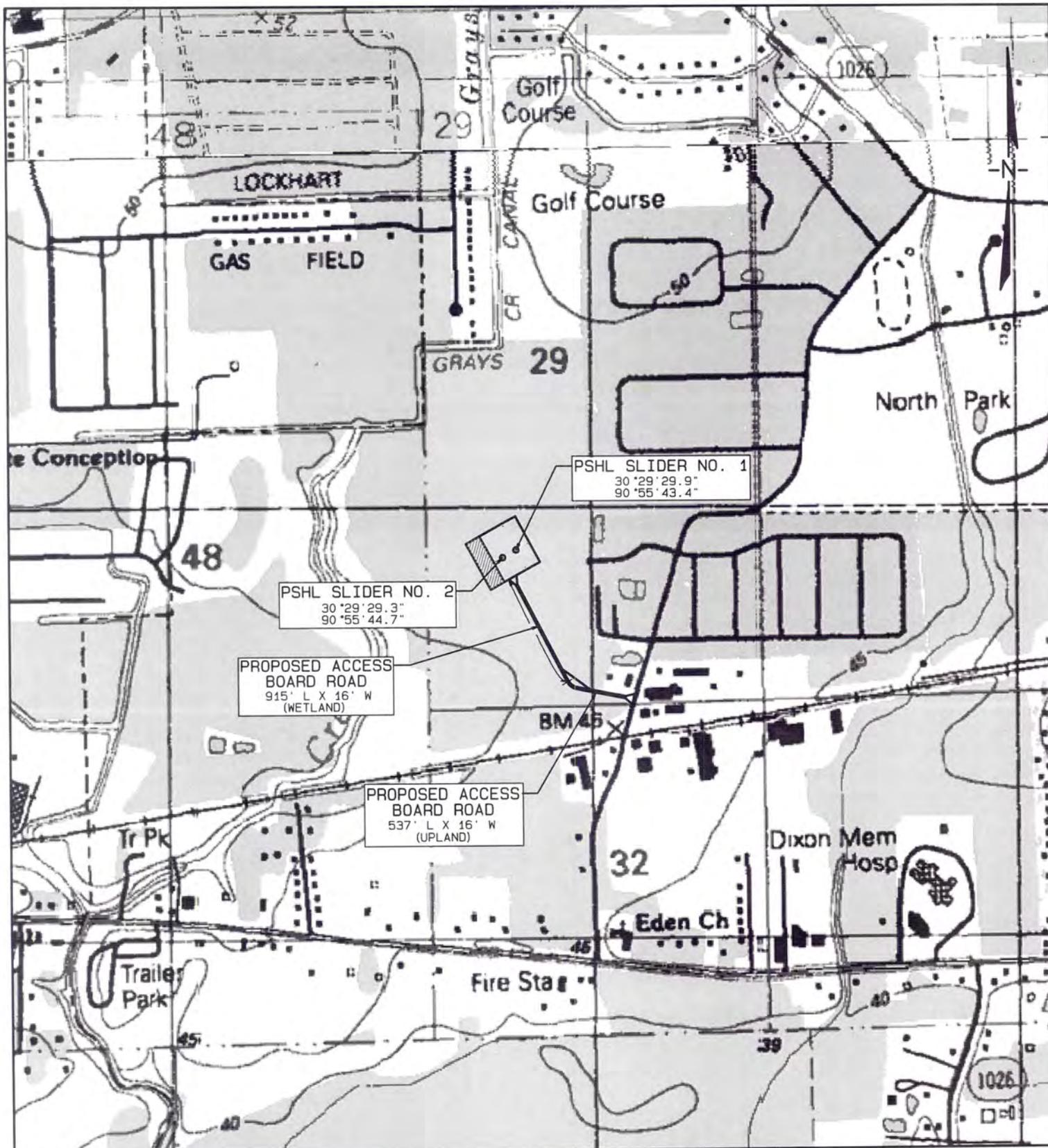
PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC

BATON ROUGE, LA 225-267-4128

JUNE 12, 2013

DRAWING NO.: 1033-016-03

SHEET 1 OF 4



LOCATION MAP

GRAPHIC SCALE 1"=1,000'



0 1,000'

NOTE:

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REFERENCE MAPS:

USGS 'WATSON' & 'DENHAM SPRINGS', LA 7.5 MINUTE QUADRANGLE MAPS.

PROPOSED WELL LOCATION

SLIDER PROSPECT WELLS 1 & 2

SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD
EAST BATON ROUGE PARISH, LOUISIANA

APPLICATION BY: HILCORP ENERGY COMPANY

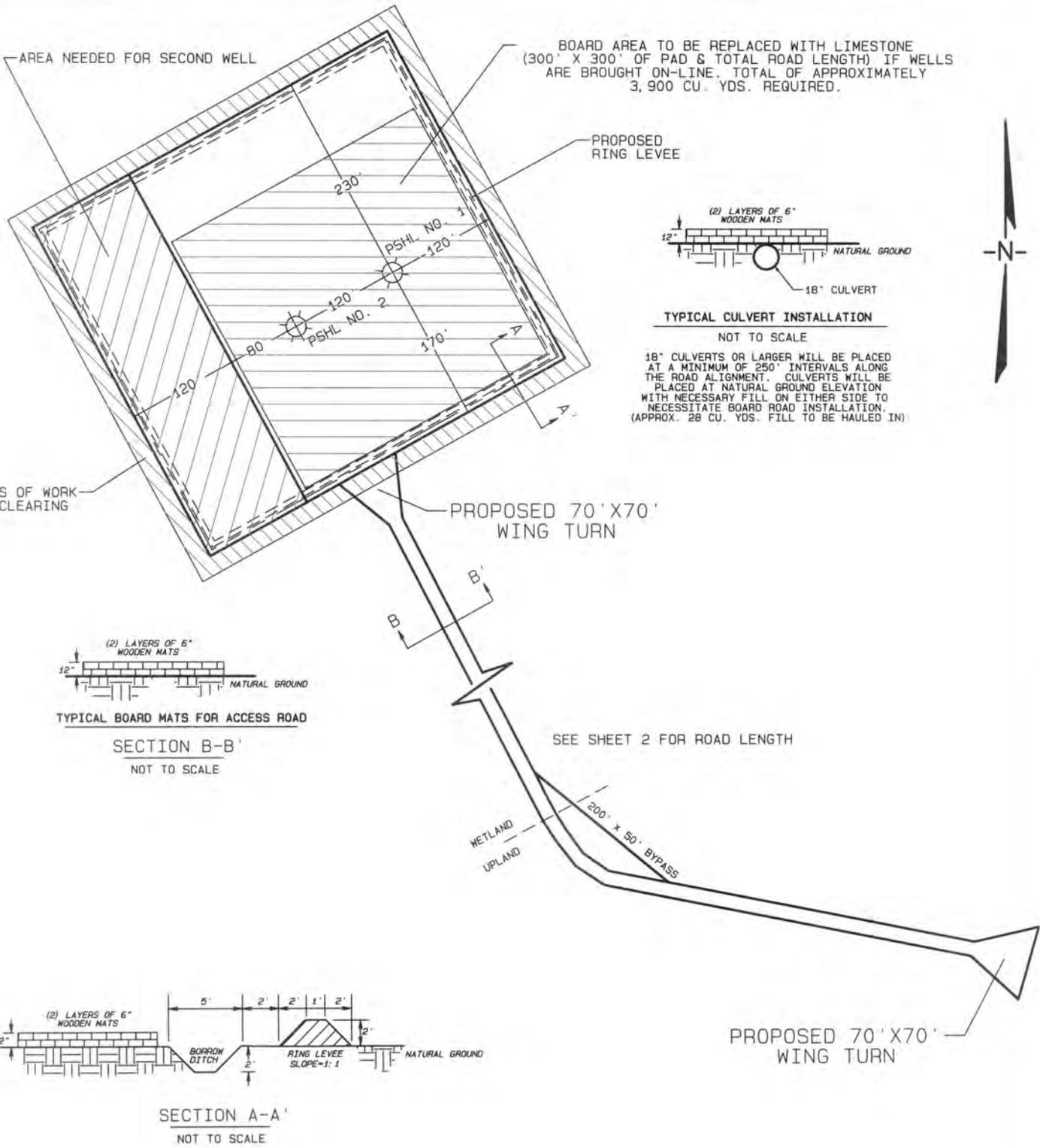
PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC

BATON ROUGE, LA 225-267-4128

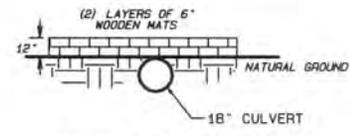
JUNE 12, 2013

DRAWING NO.: 1033-016-04

SHEET 2 OF 4

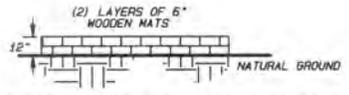
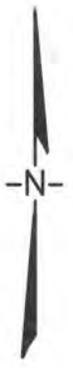


BOARD AREA TO BE REPLACED WITH LIMESTONE (300' X 300' OF PAD & TOTAL ROAD LENGTH) IF WELLS ARE BROUGHT ON-LINE. TOTAL OF APPROXIMATELY 3,900 CU. YDS. REQUIRED.

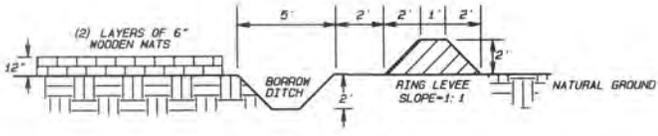


TYPICAL CULVERT INSTALLATION
NOT TO SCALE

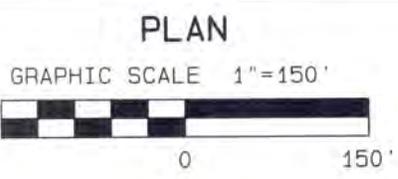
18" CULVERTS OR LARGER WILL BE PLACED AT A MINIMUM OF 250' INTERVALS ALONG THE ROAD ALIGNMENT. CULVERTS WILL BE PLACED AT NATURAL GROUND ELEVATION WITH NECESSARY FILL ON EITHER SIDE TO NECESSITATE BOARD ROAD INSTALLATION. (APPROX. 28 CU. YDS. FILL TO BE HAULED IN)



TYPICAL BOARD MATS FOR ACCESS ROAD
SECTION B-B'
NOT TO SCALE



SECTION A-A'
NOT TO SCALE



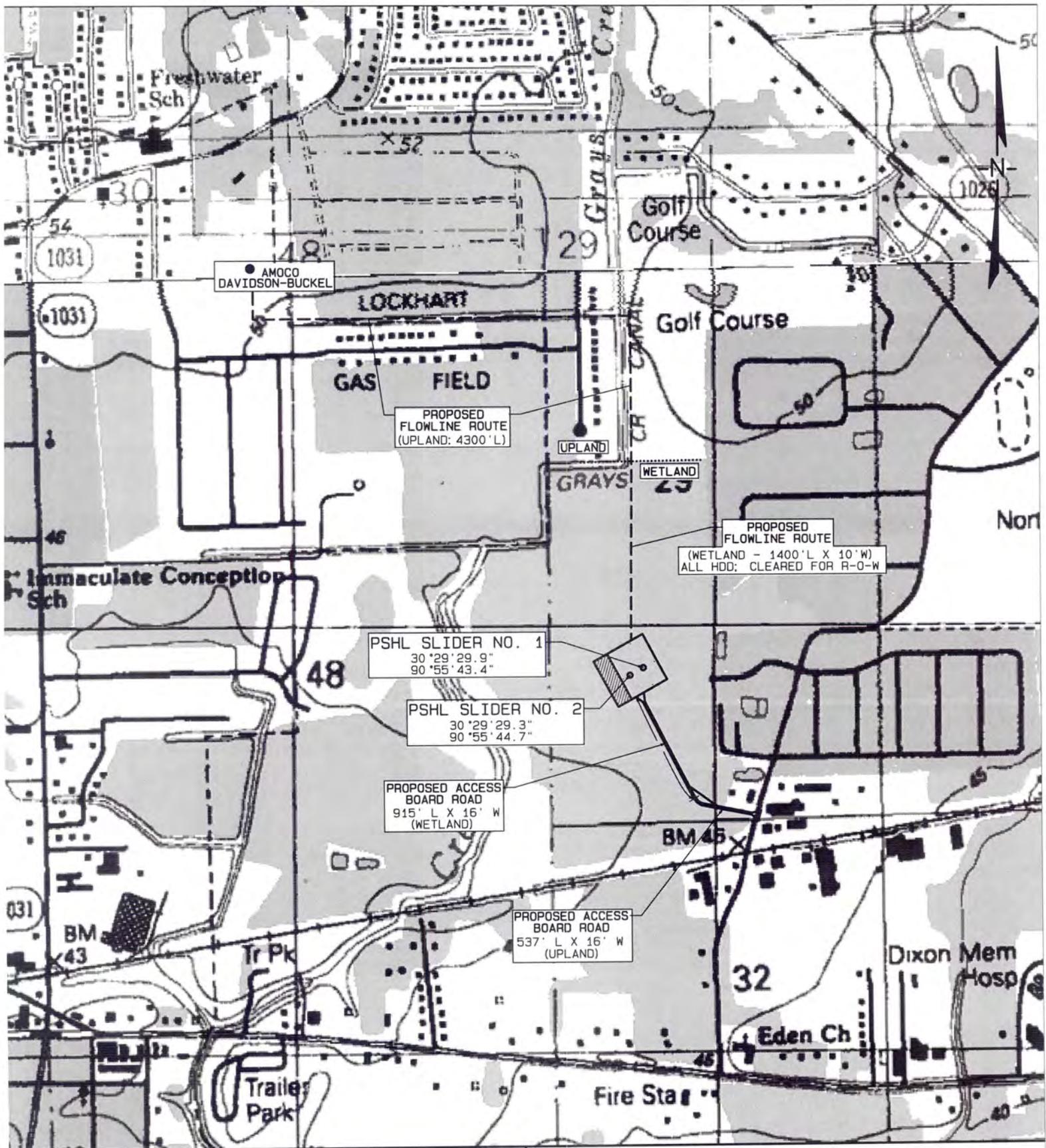
VOLUME & AREA NOTES:

1. Wetland 1 (Road): Area: 14,640 Sq. Ft. (0.336 Acres)
2. Wetland 1 (Pad): Area: 176,000 Sq. Ft. (4.040 Acres)
3. Board Road (Incl. bypass & wing turn) to occupy approx. 19,510 Sq. Ft.
4. Board installation for drilling pad to occupy approx. 176,000 Sq. Ft.
5. Excavation required for ring levee: 373 Cu. Yds.
6. Limits of Work/Clearing: Area: 35,200 Sq. Ft. (0.808 Acres)

PROPOSED WELL LOCATION

SLIDER PROSPECT WELLS 1 & 2
SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD
LIVINGSTON PARISH, LOUISIANA
APPLICATION BY: HILCORP ENERGY COMPANY

PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC
BATON ROUGE, LA 225-267-4128



PAD & PIPELINE PLAN

GRAPHIC SCALE 1"=1,000'



NOTE:

0 1,000'

PIPELINE INSTALLATION WILL BE VIA HORIZONTAL DIRECTIONAL DRILL

THESE DRAWINGS WERE PREPARED EXCLUSIVELY FOR OBTAINING REGULATORY APPROVALS & ARE NOT INTENDED AS CONSTRUCTION DRAWINGS OR SPECIFICATIONS.

REFERENCE MADE:

PROJECT OVERVIEW

SLIDER PROSPECT WELLS 1 & 2

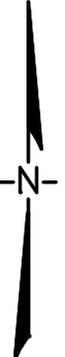
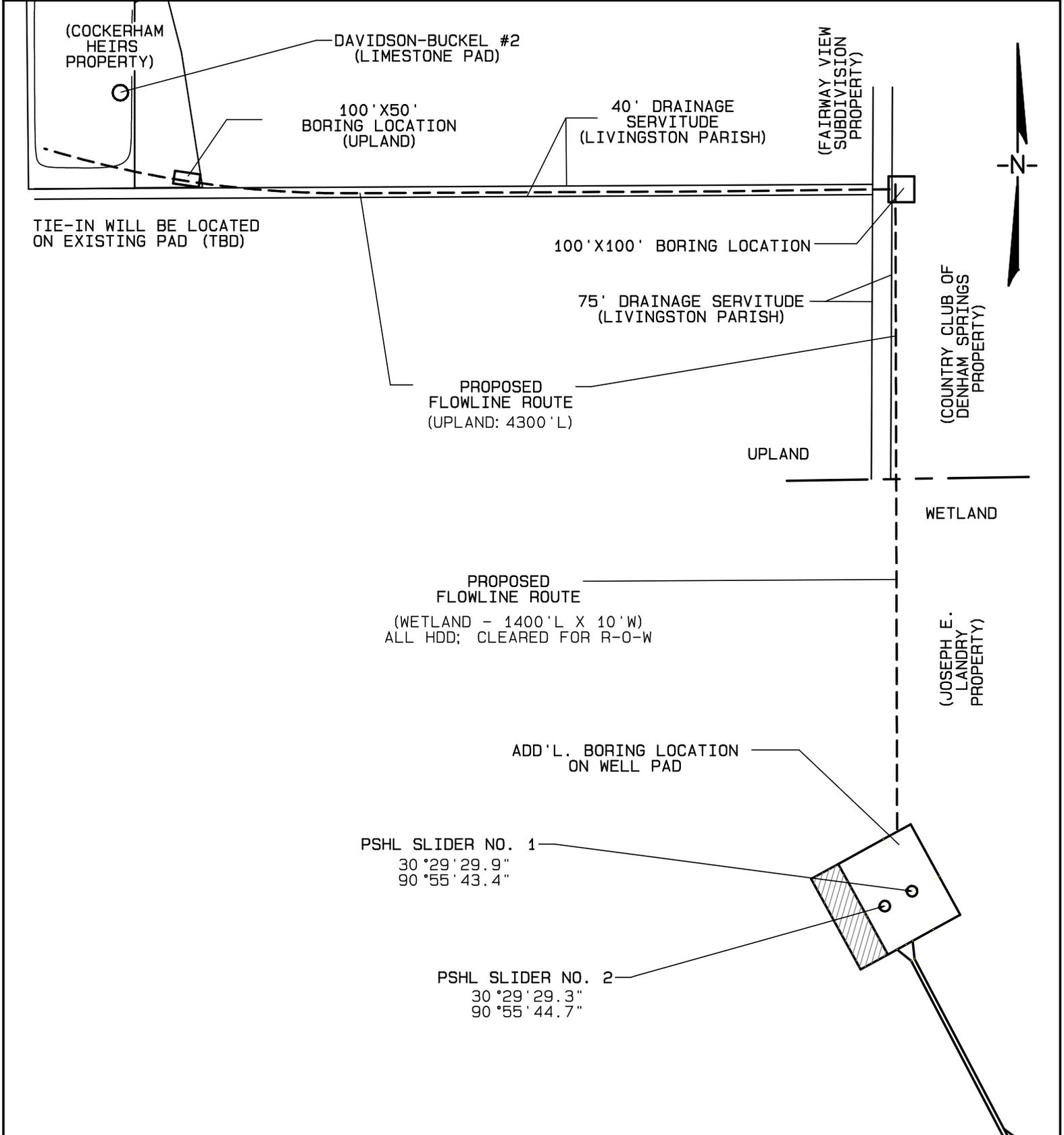
SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD

EAST BATON ROUGE PARISH, LOUISIANA

APPLICATION BY: HILCORP ENERGY COMPANY

PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC

BATON ROUGE, LA 225-267-4128



PIPELINE PLAN

GRAPHIC SCALE 1"=500'



NOTE: PIPELINE INSTALLATION WILL BE VIA HORIZONTAL DIRECTIONAL DRILL

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REFERENCE MAPS: USGS 'WATSON' & 'DENHAM SPRINGS', LA 7.5 MINUTE QUADRANGLE MAPS.

PIPELINE OVERVIEW

SLIDER PROSPECT WELLS 1 & 2

SECTION 29, T6S-R3E; LOCKHART CROSSING FIELD
EAST BATON ROUGE PARISH, LOUISIANA

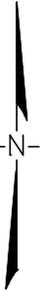
APPLICATION BY: HILCORP ENERGY COMPANY

PREPARED BY: PROFESSIONAL LAND SURVEYING SERVICES, LLC
BATON ROUGE, LA 225-267-4128

SEPTEMBER 26, 2013

DRAWING NO.: 1033-016-07

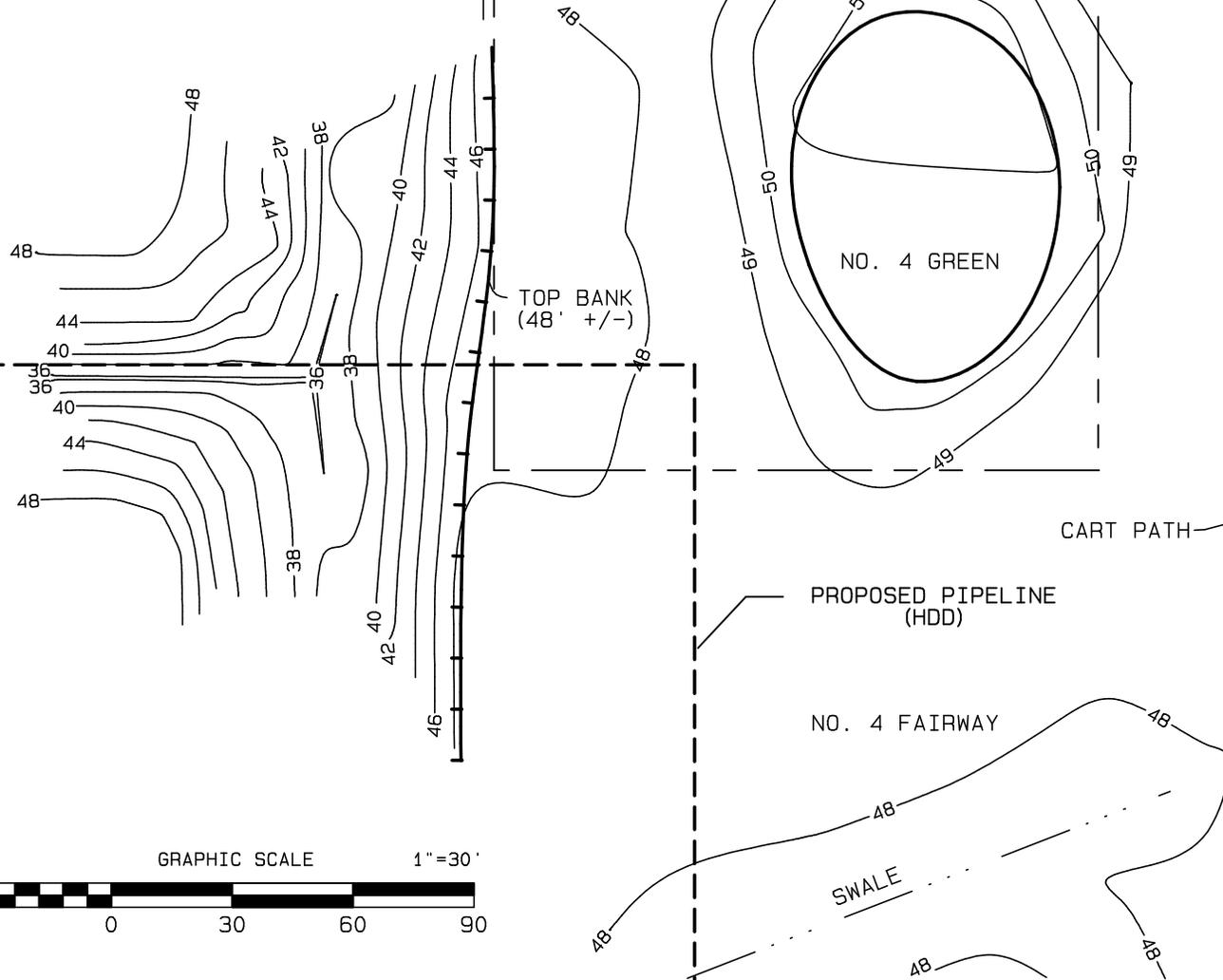
**DENHAM SPRINGS COUNTRY CLUB
LIVINGSTON PARISH, LA**



NOTE:
DATE OF SURVEY: JULY 2013

RESTROOM

100' X 100' TEMPORARY
BORING LOCATION

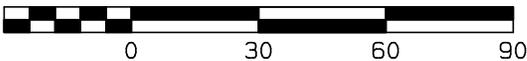


✕ 48.6'

✕ 48.8'

✕ 48.5'

GRAPHIC SCALE 1" = 30'



S. BRETT FITZGERALD, PLS #5018
2461 RHODODENDRON AVE.
BATON ROUGE, LA 70808
225-276-8761

**MAP SHOWING CONTOURS
AND CURRENT CONDITIONS
OF THE NO. 4 GREEN**

**DRAWN FOR HILCORP
ENERGY COMPANY**

DATE: 09/26/2013
DRAWN BY: SBF
CHECKED BY: SBF
DWG. NO. 1033-168

**PROFESSIONAL LAND
SURVEYING SERVICES, LLC**