



Engineers · Surveyors
Environmental Consultants

January 23, 2014

Mr. Michael Farabee
New Orleans District
Regulatory Branch
US Army Corps of Engineers
7400 Leake Avenue
New Orleans, LA 70118-3651

**Re: Department of the Army Permit Request
Helis Oil & Gas Company
Proposed Drillsite & Structures
Eads Poitevent No. 1 Well
Section 34, T7S – R12E
St. Tammany Parish, Louisiana**

Dear Mr. Farabee:

On behalf of Helis Oil & Gas Company, please find the enclosed Department of the Army Permit application and a set of permit drawings for the above referenced project. Fenstermaker is requesting a Corps of Engineers Permit. Please note that Fenstermaker has requested a Jurisdictional Determination (JD) on this project, and is currently being processed by Mr. Michael J. Windham.

Please feel free to contact me (337) 237-2200 or by email at nicholas@fenstermaker.com if you have any questions.

Sincerely,

Fenstermaker

Nicholas Gaspard
Sr. Environmental Specialist

Enclosures

17. DIRECTIONS TO THE SITE

The proposed work area is north of Interstate 12, east of Log Cabin Road, and west of Louisiana Highway 1088.

18. Nature of Activity (Description of project, include all features)

The proposed activity will consist of the installation of drill site well pad measuring approximately 10.35 acres (of which includes 9.26 acres of wetlands) structures, board mats, borrow ditch, and ring levees. Approximately 33,400 cu. yds. of native material will be redistributed on the well pad of which 28,763 cu. yds. will be placed on wetlands. Mechanized excavation and grading of surface material is proposed for this activity.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purposed of the project is to install a drill site location for the Eads Pointevent No. 1 Well in St. Tammany Parish, LA.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

The drill site well pad of 10.35 acres (of which includes 9.26 acres of wetlands) is needed to explore a large subsurface area geologically identified as a key site for oil and gas exploration to satisfy the public need for hydrocarbons. This well pad location has been identified by Helis' geologist as a strategic site to begin to explore a significant subsurface potential. This well will be completed through the use of hydraulic fracturing.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards

Native Material - 33,400 cu yds

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 9.26
or
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

An existing access road (±6717') will be utilized to minimize surface impacts rather than proposing a new access route. This access road will be concurrently utilized by both logging activity in the area and this proposed oil and gas project. Also, the proposed activity includes the installation of a single 10.35 acre well pad rather than multiple well pads in order to further reduce surface impacts. A typical well pad issued under an NOD-13 permit can impact up to 3.67 acres (400'x400') for a single well bore. Helis is capable of drilling up to 10 well bores from this proposed pad outlined in this permit application, which in comparison would only be 1.04 acres of impact per well bore.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- Edward B. Poitevent, II - 201 St. Charles Avenue Suite 3600

City - New Orleans State - Louisiana Zip - 70170

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

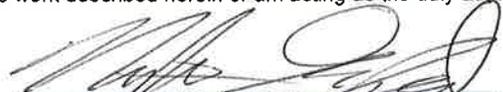
26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

* Would include but is not restricted to zoning, building, and flood plain permits

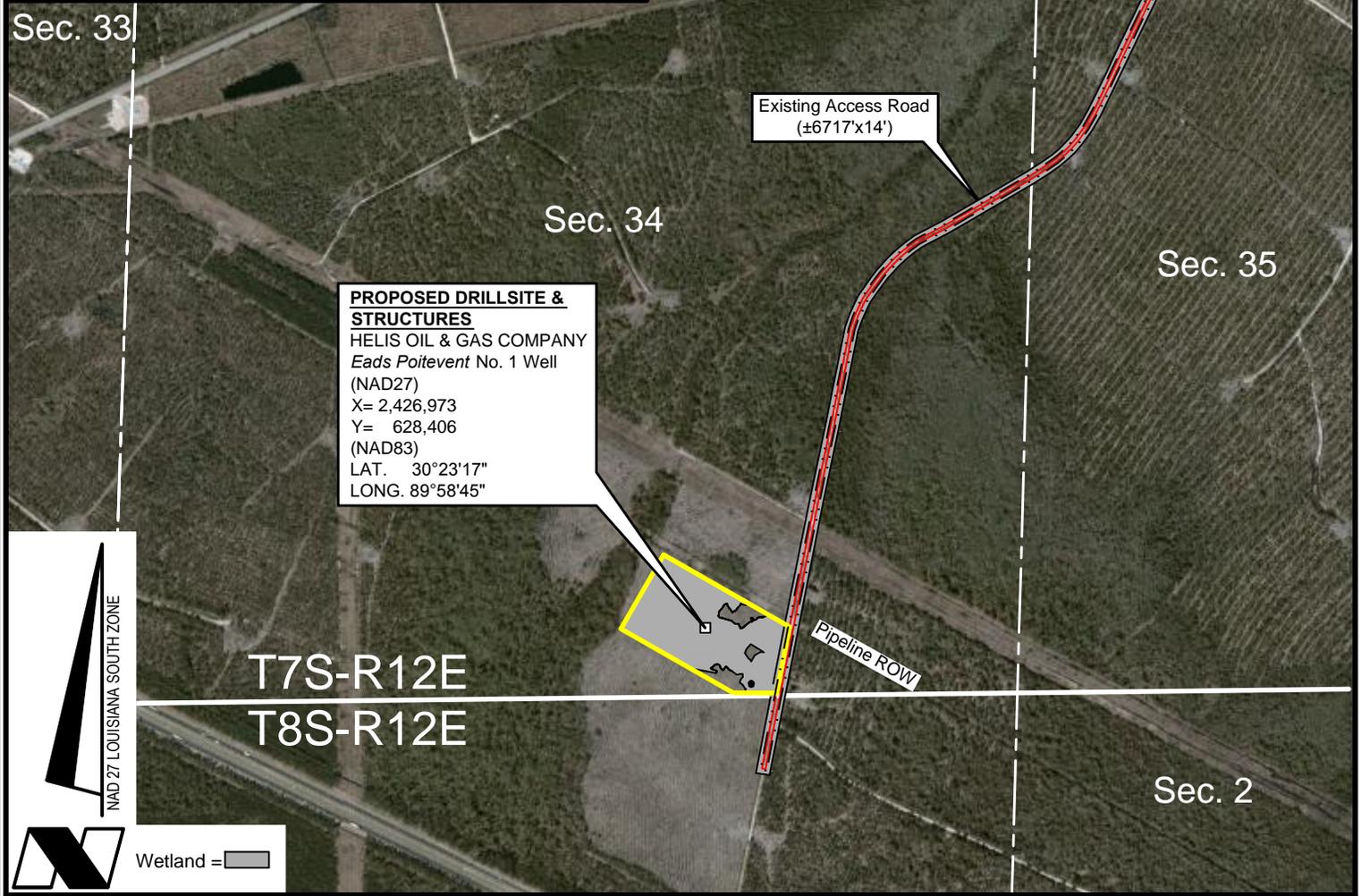
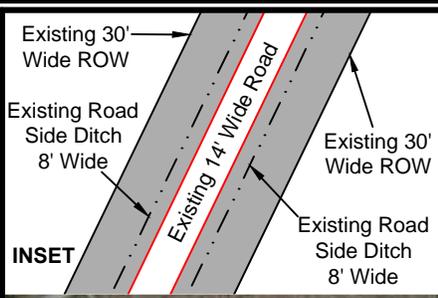
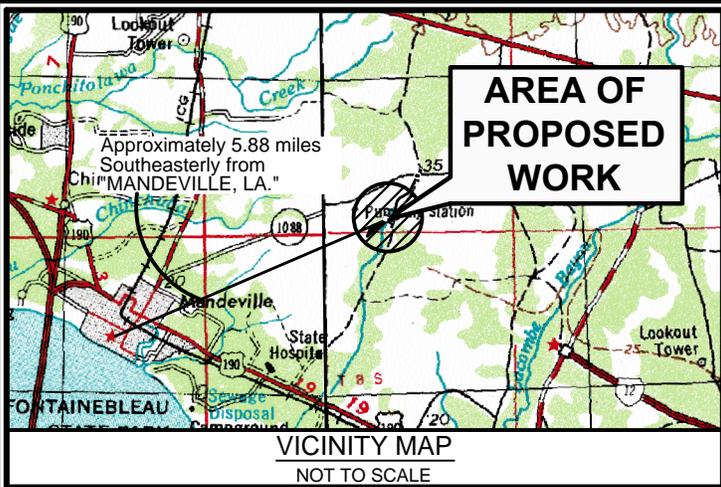
27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.


SIGNATURE OF APPLICANT
1/23/14
DATE


SIGNATURE OF AGENT
1-23-14
DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



PROPOSED DRILLSITE & STRUCTURES
 HELIS OIL & GAS COMPANY
Eads Poitevent No. 1 Well
 (NAD27)
 X= 2,426,973
 Y= 628,406
 (NAD83)
 LAT. 30°23'17"
 LONG. 89°58'45"

T7S-R12E
 T8S-R12E

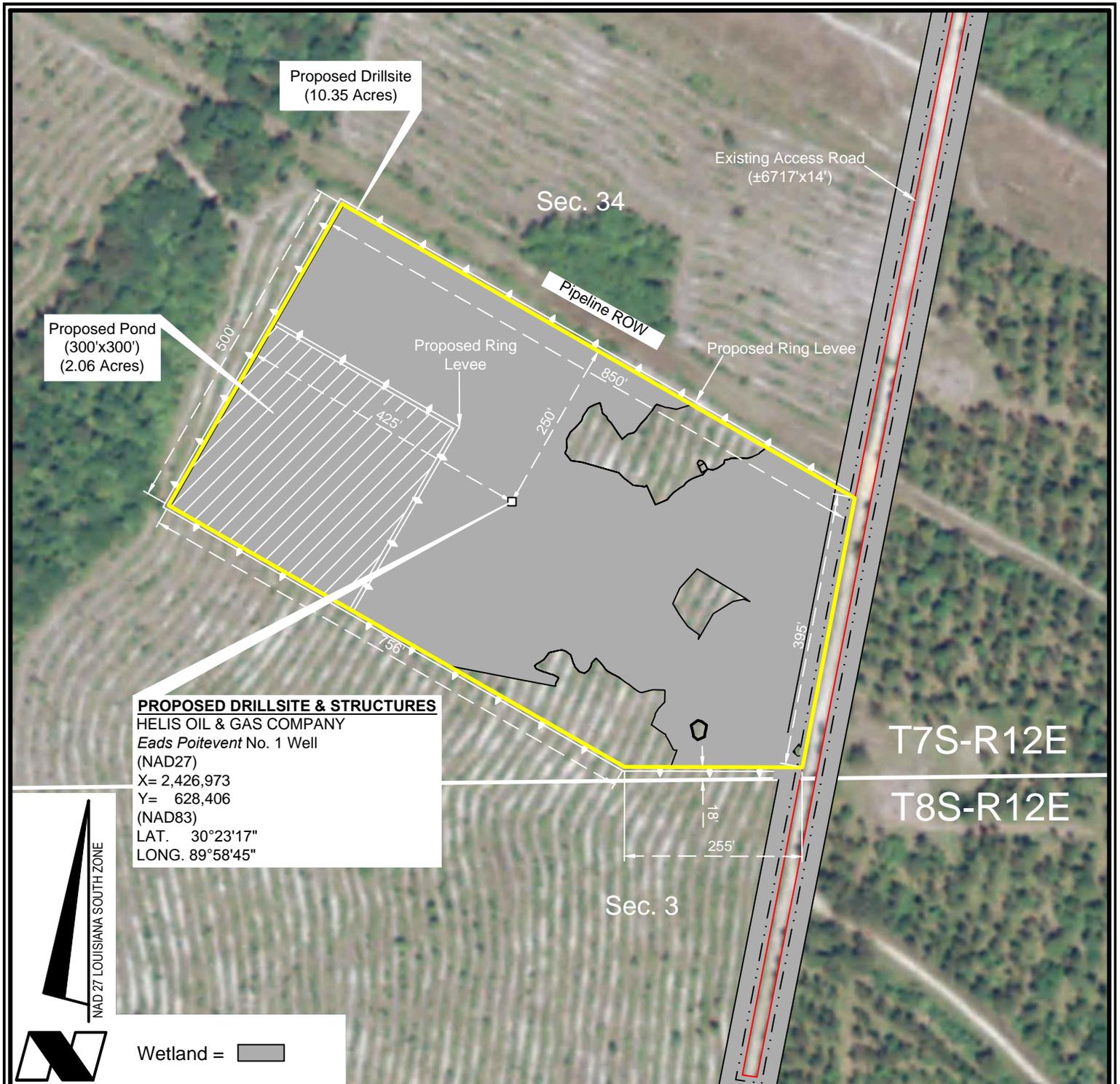
NOTE: THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS

VICINITY MAP

1000' 0 500' 1000'
 Scale: 1" = 1000'

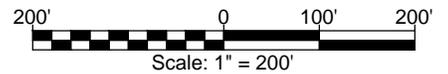
HELIS OIL & GAS COMPANY
 PROPOSED DRILLSITE & STRUCTURES
Eads Poitevent No. 1 Well
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 St. Tammany Parish, Louisiana

<p>Lafayette New Orleans Houston 135 Regency Sq. Lafayette, LA 70508 Ph. 337-237-2200 Fax. 337-232-3299 www.fenstermaker.com</p>	DRAWN BY: SC	REVISED:	DATE: 1/15/2014
	PROJ. MGR.: RLL		SHEET 1 OF 3 SHEETS
	FILENAME: T:2013\2130980\DWG\HELIS OIL & GAS_COE PLANS.dwg		



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PLAN VIEW



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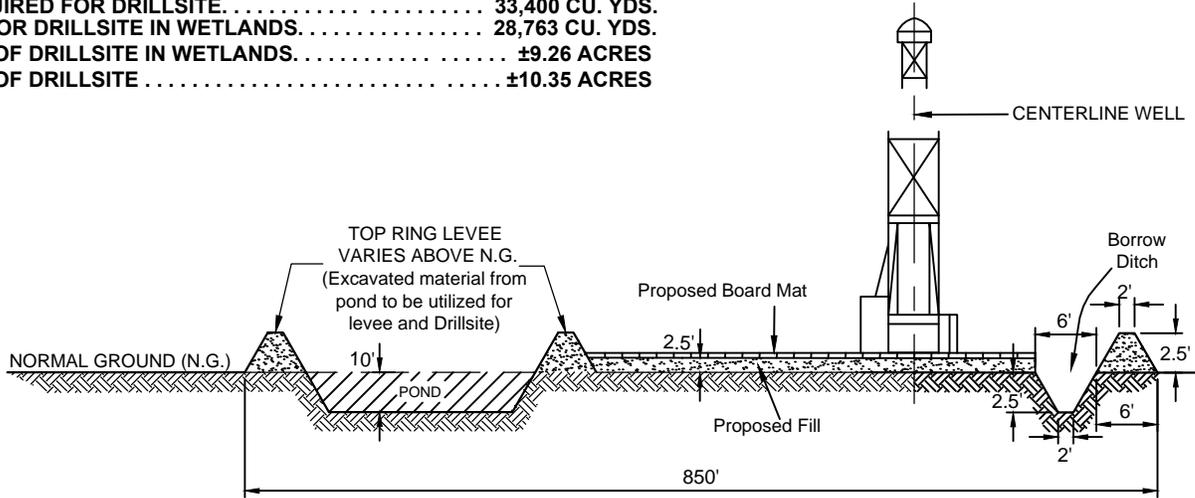
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SHEET 2 OF 3 SHEETS

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TOTAL FILL REQUIRED FOR DRILLSITE. 33,400 CU. YDS.
 FILL REQUIRED FOR DRILLSITE IN WETLANDS. 28,763 CU. YDS.
 TOTAL IMPACTS OF DRILLSITE IN WETLANDS. ±9.26 ACRES
 TOTAL IMPACTS OF DRILLSITE ±10.35 ACRES



TYPICAL CROSS-SECTION OF DRILLSITE

No Scale

NOTES:

1. Material for drillsite levees will be taken from within the leveed perimeter.
2. Closure procedures, including onshore 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.
3. All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment of the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Coastal Management Division. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such
4. In order to ensure the safety of all parties, the permittee shall contact the Louisiana ONE CALL System (1-800-272-3020), a minimum of 48 hours prior to the commencement of any excavation (Digging, Dredging, Jetting, etc.) or demolition activity.

NOTES - DRY HOLE SCENARIO

1. The boards will be removed from the access road and drill pad.
2. The drill site and ring levees will be degraded within 90 days following abandonment. The levee material will be deposited, to the maximum extent practicable, into the borrow areas from which the material was excavated and the area will be leveled to as near pre-project conditions as practicable.
3. The drill pad site will be allowed to naturally re-vegetate.

NOTES - PRODUCTIVE WELL SCENARIO

1. The boards will be removed from the drill site and access road. The drill site will be reduced to the minimum area required for production and rock/gravel or other suitable permitizing material will be deposited on the drill site and access road.
2. The ring levees will be degraded and the material will be deposited, to the maximum extent practicable, into the borrow areas from which the material was excavated and the area will be leveled to as near pre-project conditions as practicable.

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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HELIS OIL & GAS COMPANY

PROPOSED DRILLSITE & STRUCTURES

Eads Poitevent No. 1 Well

Section 34, T7S-R12E

St. Tammany Parish, Louisiana



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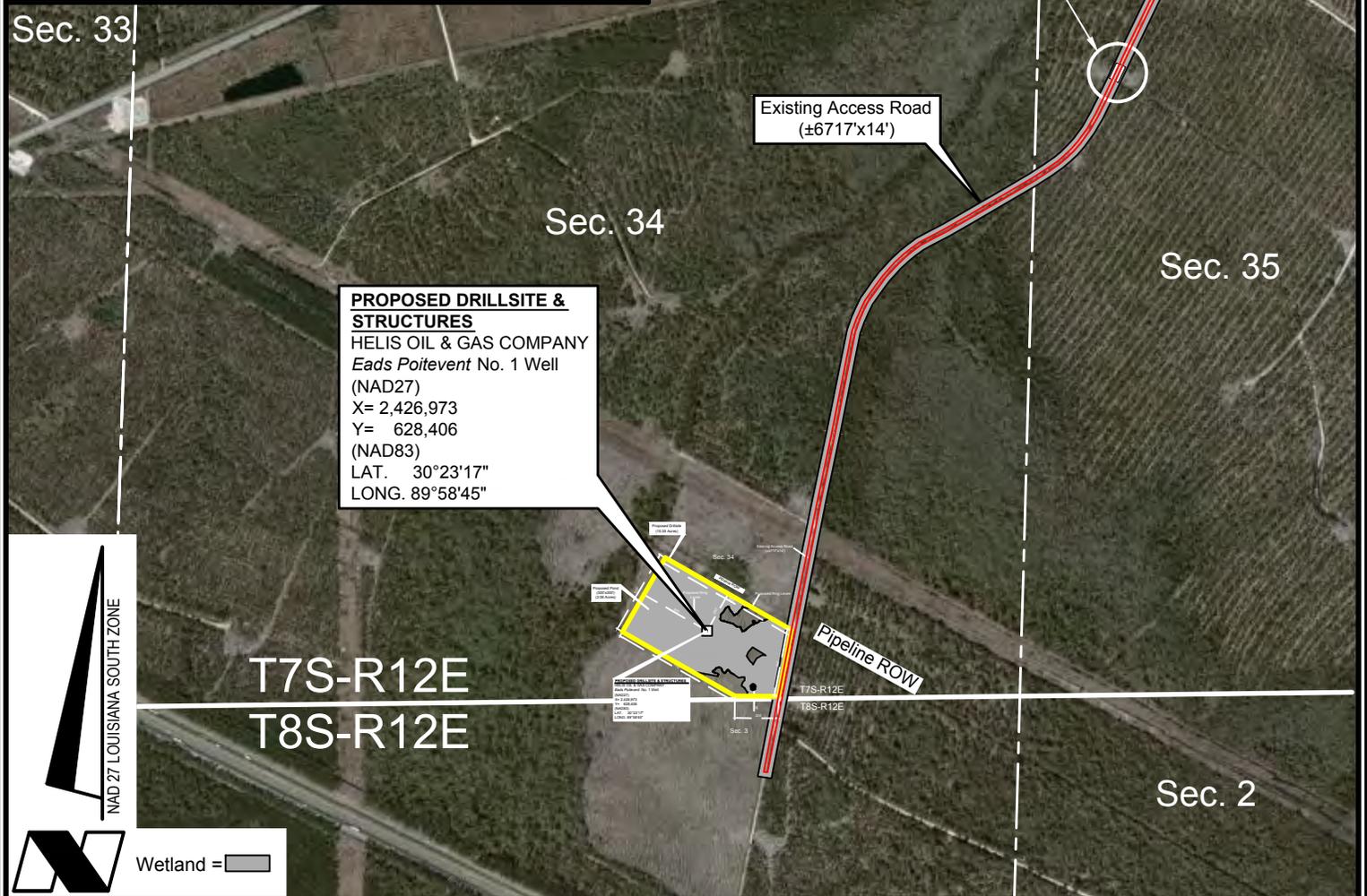
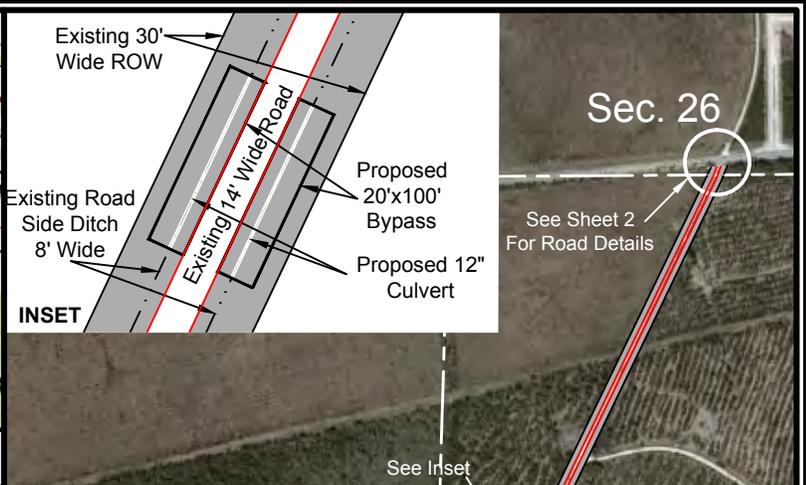
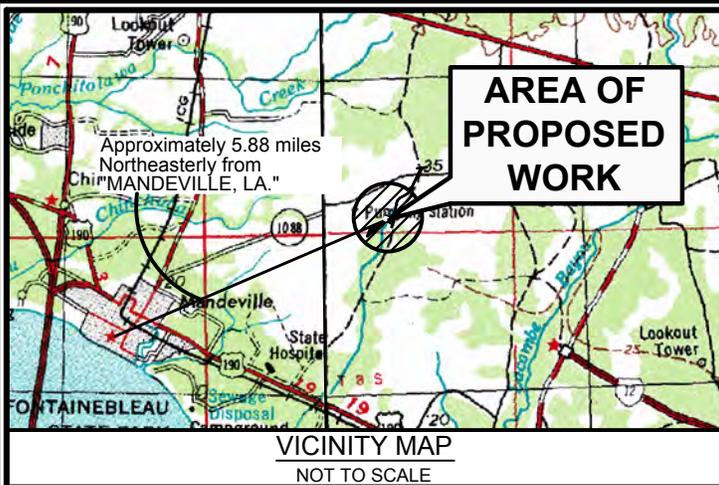
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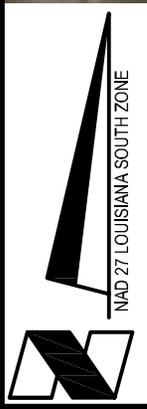
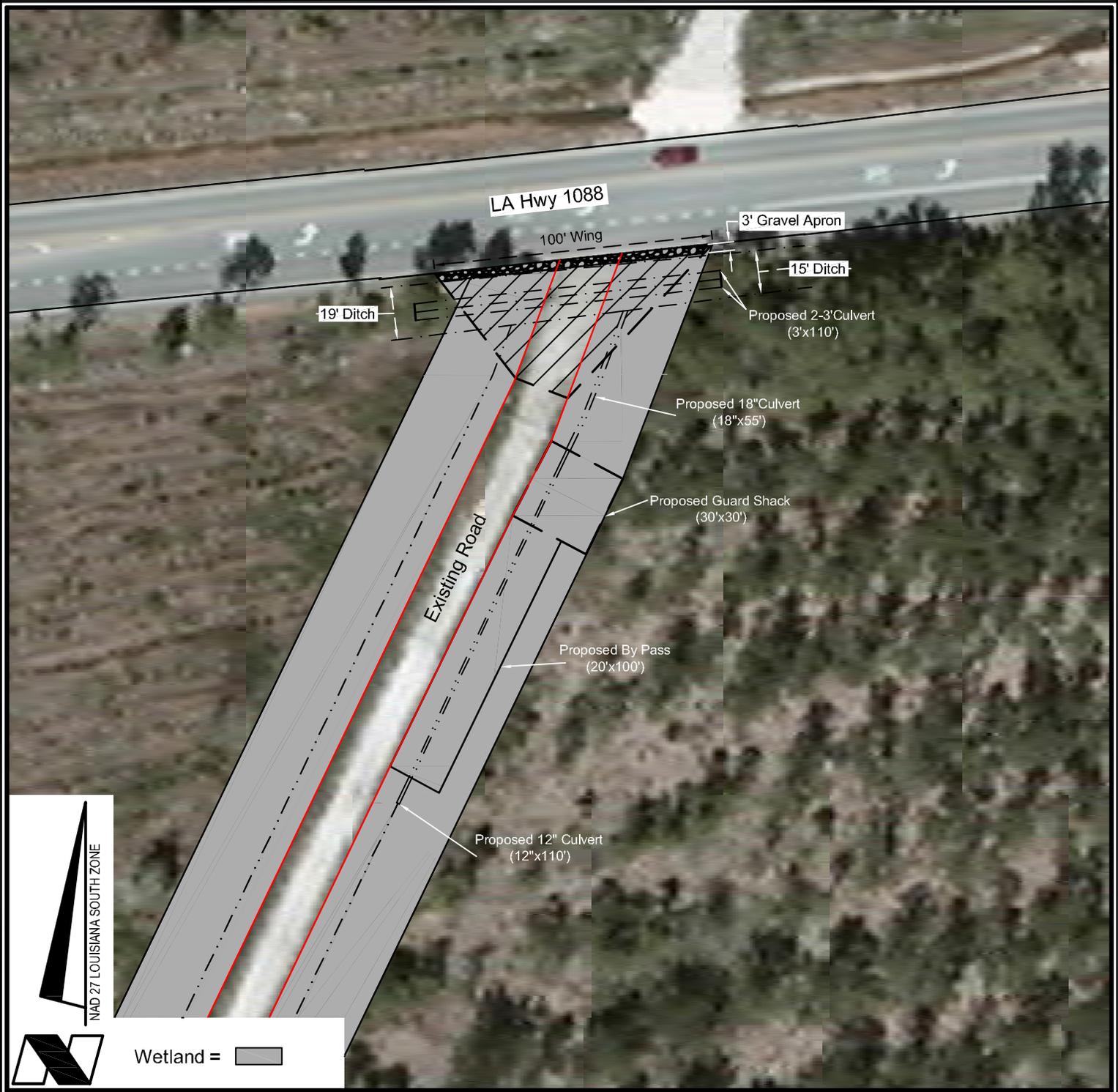
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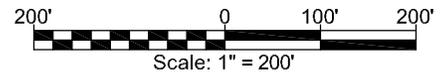
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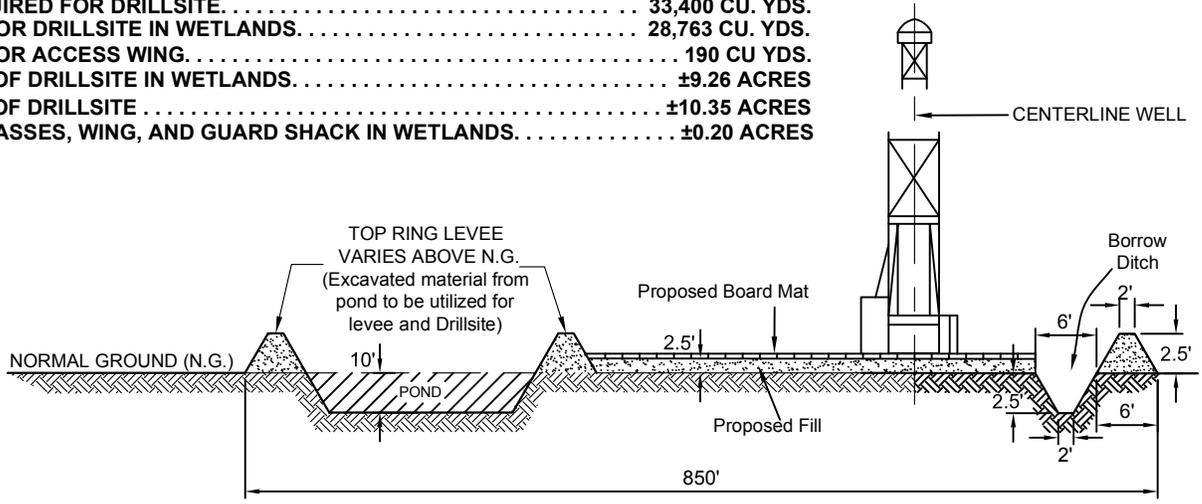
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SHEET 3 OF 4 SHEETS

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 TOTAL IMPACTS OF DRILLSITE ±10.35 ACRES
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SHEET 4 OF 4 SHEETS