



# PUBLIC NOTICE

**US Army Corps  
of Engineers®**

Applicant:  
Harvest Bend CCS LLC

Published: April 21, 2025  
Expires: May 11, 2025

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**New Orleans District (CEMVN)**  
**Permit Application No. MVN-2024-00087-CF**

TO WHOM IT MAY CONCERN: The New Orleans District of the U.S. Army Corps of Engineers (Corps or USACE) has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) **and/or** Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403). The purpose of this public notice is to solicit comments from the public regarding the work described below:

**APPLICANT:** Steve Cornell  
Harvest Bend CCS LLC  
845 Texas Avenue  
Suite 200  
Houston, Texas 77002

**AGENT:** Brady Trahan  
T. Baker Smith, LLC  
107 Global Circle  
Lafayette, LA 70555

**WATERWAY AND LOCATION:** The project would affect waters of the United States and navigable waters of the United States adjacent to False Branch Bayou. The project/review area is located on the west side of Hwy 69, in Sections 29,30, and 31, Township 11S, Range 13W; at Latitude 30.09075 and Longitude -91.18343; south of White Castle, Louisiana in Iberville Parish.

**EXISTING CONDITIONS:** The proposed project is located along an existing road adjacent to False Branch Bayou and bottomland hardwood and cypress wetlands to the south of the bayou. The proposed project is in an undeveloped area to the west of LA Hwy 69.

**PROJECT PURPOSE:** Class V test well to evaluate the suitability for a carbon capture injection well.

**Basic:** Carbon capture.

**Overall:** Access road and test well and well pad to evaluate the suitability for a carbon capture injection well.

**PROPOSED WORK:** The applicant requests authorization to permanently fill 18.07 acres of a mixture of wet pasture, bald-cypress, bottomland hardwoods, and scrub-shrub wetlands for the construction of an access road and test well to evaluate the suitability of carbon capture storage. The applicant is proposing to utilize a portion of an existing access road and to construct a new access road within bottomland hardwood and cypress swamp to access a proposed well pad area to evaluate the area for a potential injection well that will capture carbon dioxide from nearby industry emissions. Culverts will be placed along the proposed access road to main hydrological connection between the wetland areas east and west of the road. The applicant will be required to utilize best management practices (BMPs) to reduce runoff and erosion into the adjacent and abutting wetland areas.

**AVOIDANCE AND MINIMIZATION:** The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

The applicant is utilizing an existing access road along False Branch Bayou to avoid and minimize the amount of clearing within wetlands. The applicant is claiming that the project has been designed to allow for the shortest distance to the proposed well pad for minimization of wetland impacts.

**COMPENSATORY MITIGATION:** The applicant offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment:

The applicant is proposing to purchase mitigation credits from an approved mitigation bank to offset the permanent loss of wetland functions.

**CULTURAL RESOURCES:** The Corps is evaluating the undertaking for effects to historic properties as required under Section 106 of the National Historic Preservation Act (NHPA). This public notice serves to inform the public of the proposed undertaking and invites comments including those from local, State, and Federal government Agencies with respect to historic resources. Our final determination relative to historic resource impacts may be subject to additional coordination with the State Historic Preservation Officer (SHPO), federally recognized tribes and other interested parties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

**ENDANGERED SPECIES:** The Corps has performed an initial review of the application for Section 7 of the Endangered Species Act (ESA) compliance via the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), National Marine Fisheries Service (NMFS) Section 7 Mapper, and the NMFS Critical Habitat Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur in the vicinity of the

proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project will not affect any listed species or critical habitat

This notice serves as request to the U.S. Fish and Wildlife Service and National Marine Fisheries Service for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

**ESSENTIAL FISH HABITAT (EFH):** Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

The Corps has determined the proposal would have no effect on EFH. Therefore, no consultation with the National Marine Fisheries Service (NMFS) on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996 is required.

Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with NMFS.

**NAVIGATION:** The proposed structure or activity is not located in the vicinity of a federal navigation channel.

**SECTION 408:** The applicant will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408 or Section 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

**WATER QUALITY CERTIFICATION:** Water Quality Certification may be required from the Louisiana Department of Environmental Quality and/or the Environmental Protection Agency.

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 LA Department of Environmental Quality before a favorable DA permit decision can be issued.

**NOTE:** This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has been verified by Corps personnel.

**EVALUATION:** 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 benefits, 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 cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical 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. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

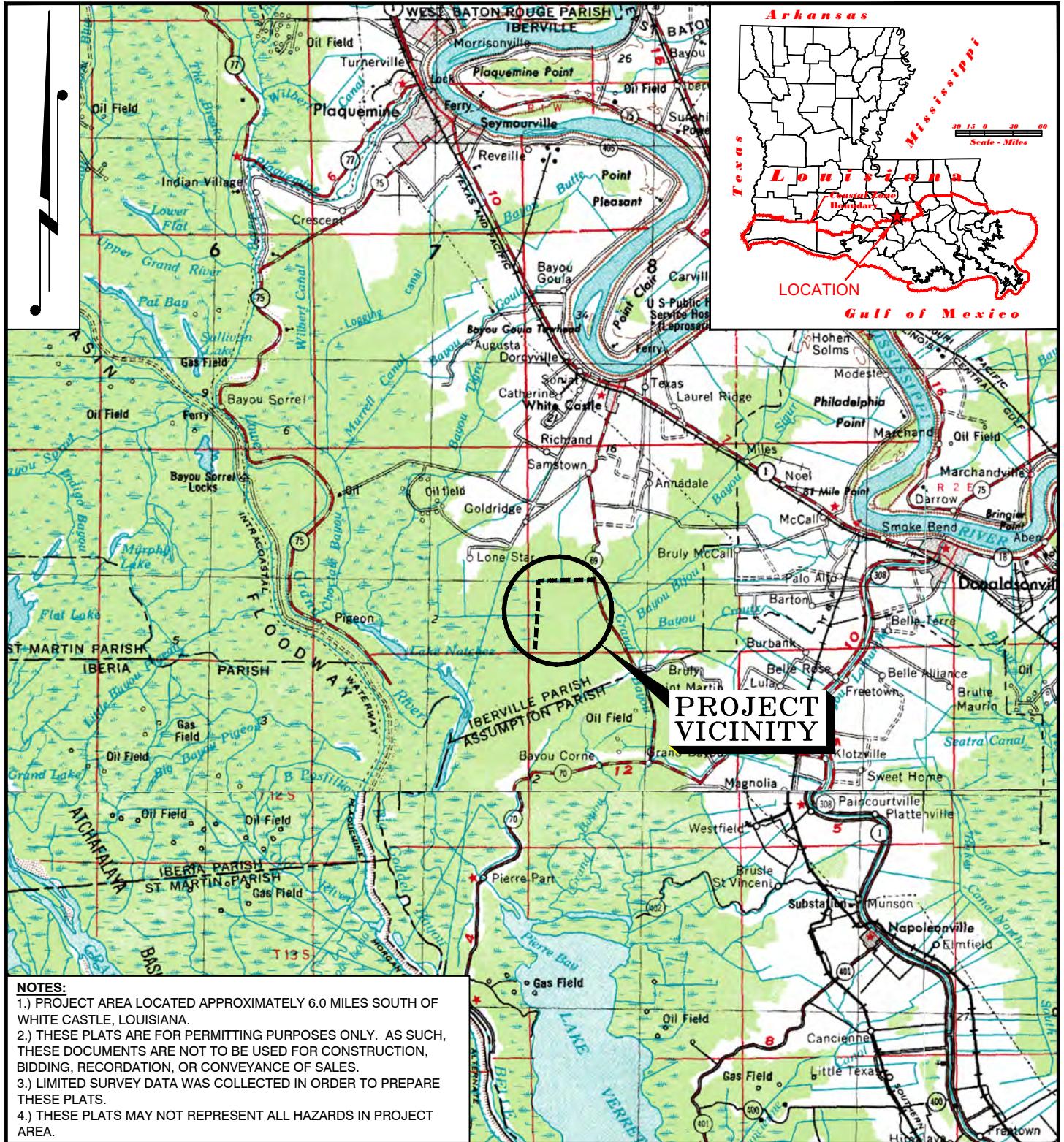
**COMMENTS:** The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to 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 (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). 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 will receive written comments on the proposed work, as outlined above, until May 11, 2025. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Zach Steinkoenig at [zachary.j.steinkoenig@usace.army.mil](mailto:zachary.j.steinkoenig@usace.army.mil). Alternatively, you may submit comments in writing to the following address: U.S. Army Corps of Engineers, New Orleans District, Attention: Zach Steinkoenig, 7400 Leake Avenue, New Orleans, Louisiana, 70118-3651. Please refer to the permit application number in your comments.

Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment 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 Branch Chief will review the request, and the requester will be promptly notified of the decision to grant or deny the request. If

granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days.

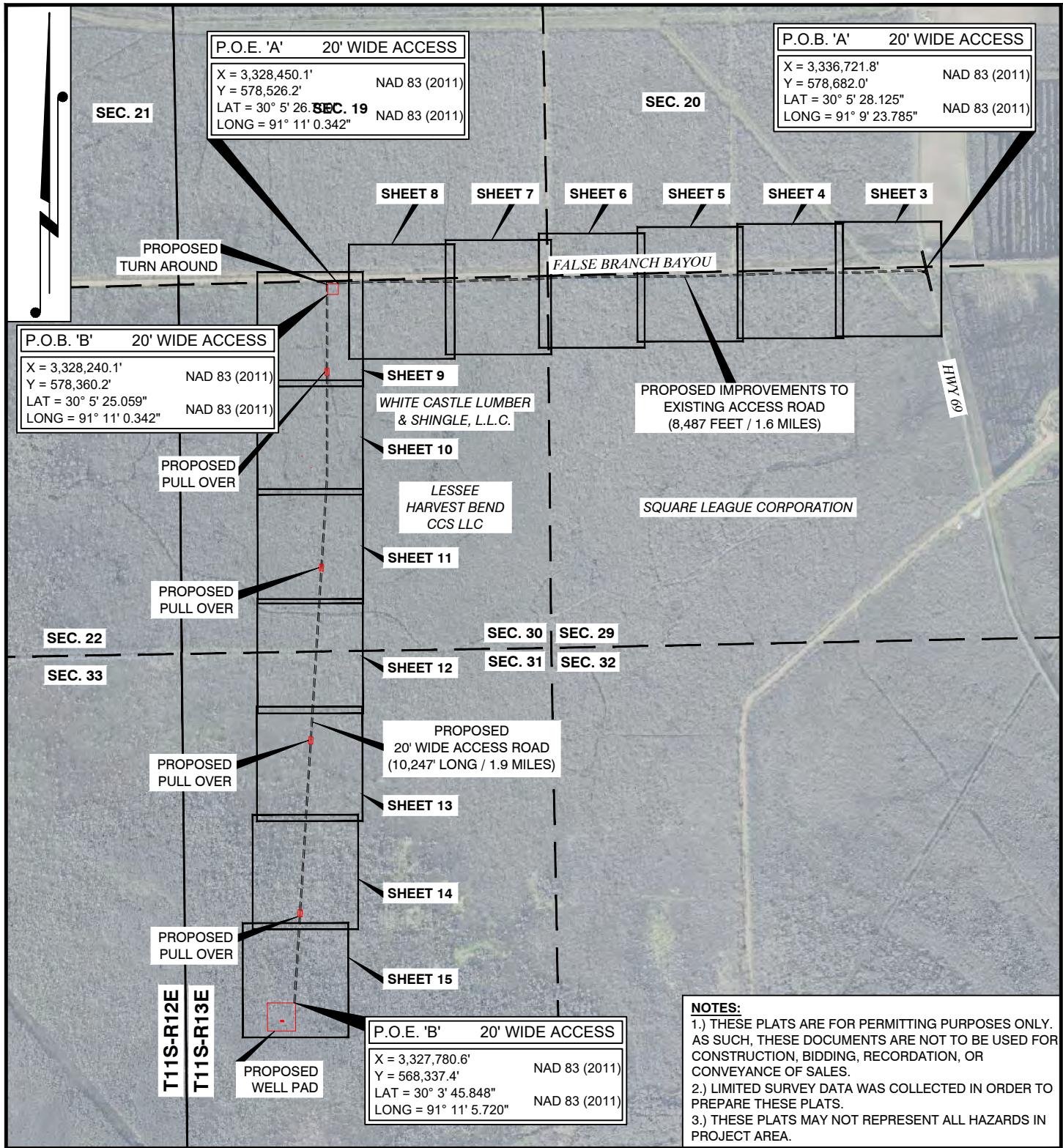
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.



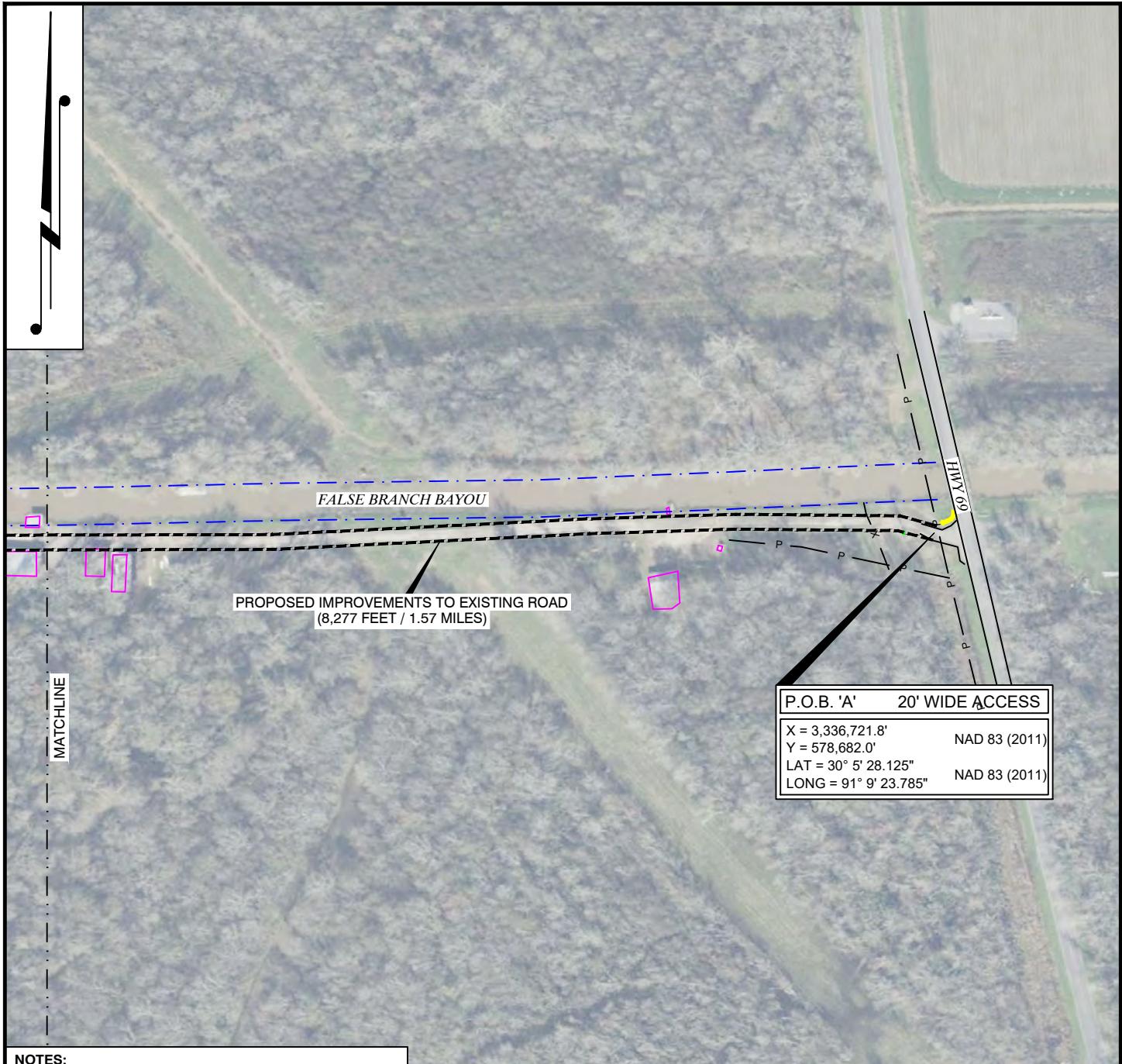
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|--|---------------------|---|---------|
| DRAWN BY: GJL                                  | APPROVED BY: BST    | <b>VICINITY MAP</b>   |         |
| DATE: 03/17/2025                               | JOB NO: 2024.1409   | <b>HARVEST BEND CCS LLC</b><br><b>PROPOSED ACCESS AND WELL PAD</b><br><b>CLASS V STRATIGRAPHIC TEST WELL</b><br><b>WC. IW-B NO.002 WELL</b><br><b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b><br><b>IBERVILLE PARISH, LOUISIANA</b> |         |
| DRAWING NAME: 241409_COE_VIC.DWG               |                     |   |         |
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| GEO. DATUM: NAD83 (2011)   VERT. DATUM: NAVD88 |                     |   |         |
| GRID UNITS: US SURVEY FEET                     | SCALE: 1" = 4 Miles |   |         |
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**T. BAKER SMITH**  
A CENTURY OF SOLUTIONS  
107 Global Circle, Lafayette, LA 70503  
(337)735-2000 - tbsmith.com

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| DRAWN BY:   | GJL                                | APPROVED BY: | BST       | AREA MAP  |    |                       |          |
|---|------------------------------------|--------------|-----------|---|----|-----------------------|----------|
| DATE:   | 03/17/2025                         | JOB NO:      | 2024.1409 | <b>HARVEST BEND CCS LLC</b><br><b>PROPOSED ACCESS AND WELL PAD</b><br><b>CLASS V STRATIGRAPHIC TEST WELL</b><br><b>WC. IW-B NO.002 WELL</b><br><b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b><br><b>IBERVILLE PARISH, LOUISIANA</b> |    |                       |          |
| DRAWING NAME:   | 241409_COE_AREA.DWG                |              |           |   |    |                       |          |
| SHEET NO:   | 2                                  | OF           | 18        |   |    |                       |          |
| PROJECTION:   | LOUISIANA SOUTH ZONE               |              |           |   |    |                       |          |
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| 2000'   | 1000'                              | 0'           | 2000'     |   |    |                       |          |
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**NOTES:**

- 1.) THESE PLATS ARE FOR PERMITTING PURPOSES ONLY. AS SUCH, THESE DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR CONVEYANCE OF SALES.
- 2.) LIMITED SURVEY DATA WAS COLLECTED IN ORDER TO PREPARE THESE PLATS.
- 3.) THESE PLATS MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.

**LEGEND:**

- PROPOSED IMPROVEMENTS TO EXISTING ROAD
- EXISTING WATERS EDGE
- EXISTING OVER HEAD POWERLINES
- EXISTING FENCE
- EXISTING BUILDINGS / STRUCTURES
- EXISTING BRIDGE GUARD RAIL

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| DATE:         | 03/17/2025                         | JOB NO:      | 2024.1409 |
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| PROJECTION:   | LOUISIANA SOUTH ZONE               |              |           |
| GEO. DATUM:   | NAD83 (2011)   VERT. DATUM: NAVD88 |              |           |
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| SCALE:        | 1" = 200'                          |              |           |
| 200'          | 100'                               | 0'           | 200'      |

**PLAN VIEW**

**HARVEST BEND CCS LLC**  
**PROPOSED ACCESS AND WELL PAD**  
**CLASS V STRATIGRAPHIC TEST WELL**  
**WC. IW-B NO.002 WELL**  
**T11S-R13W, SECTIONS 29, 30 & 31**  
**IBERVILLE PARISH, LOUISIANA**

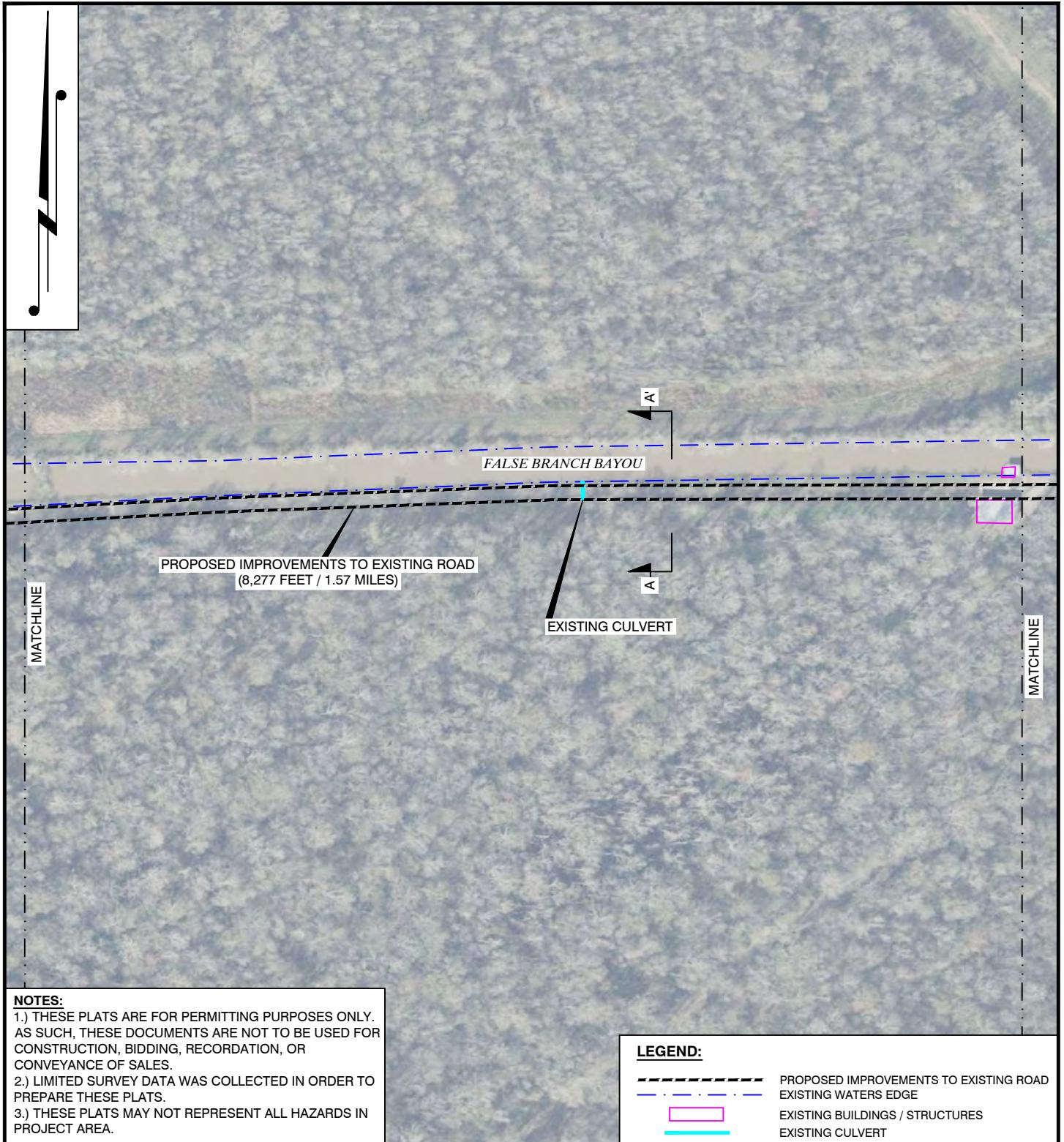


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| DRAWN BY: GJL  |                   | APPROVED BY: BST |      | PLAN VIEW  |  |
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| DATE: 03/17/2025   | JOB NO: 2024.1409 |                  |      | <b>HARVEST BEND CCS LLC</b><br>PROPOSED ACCESS AND WELL PAD<br>CLASS V STRATIGRAPHIC TEST WELL<br>WC. IW-B NO.002 WELL<br>T11S-R13W, SECTIONS 29, 30 & 31<br>IBERVILLE PARISH, LOUISIANA |  |
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**LEGEND:**

- PROPOSED IMPROVEMENTS TO EXISTING ROAD
- Existing Waters Edge
- APPARENT EXISTING PIPELINE

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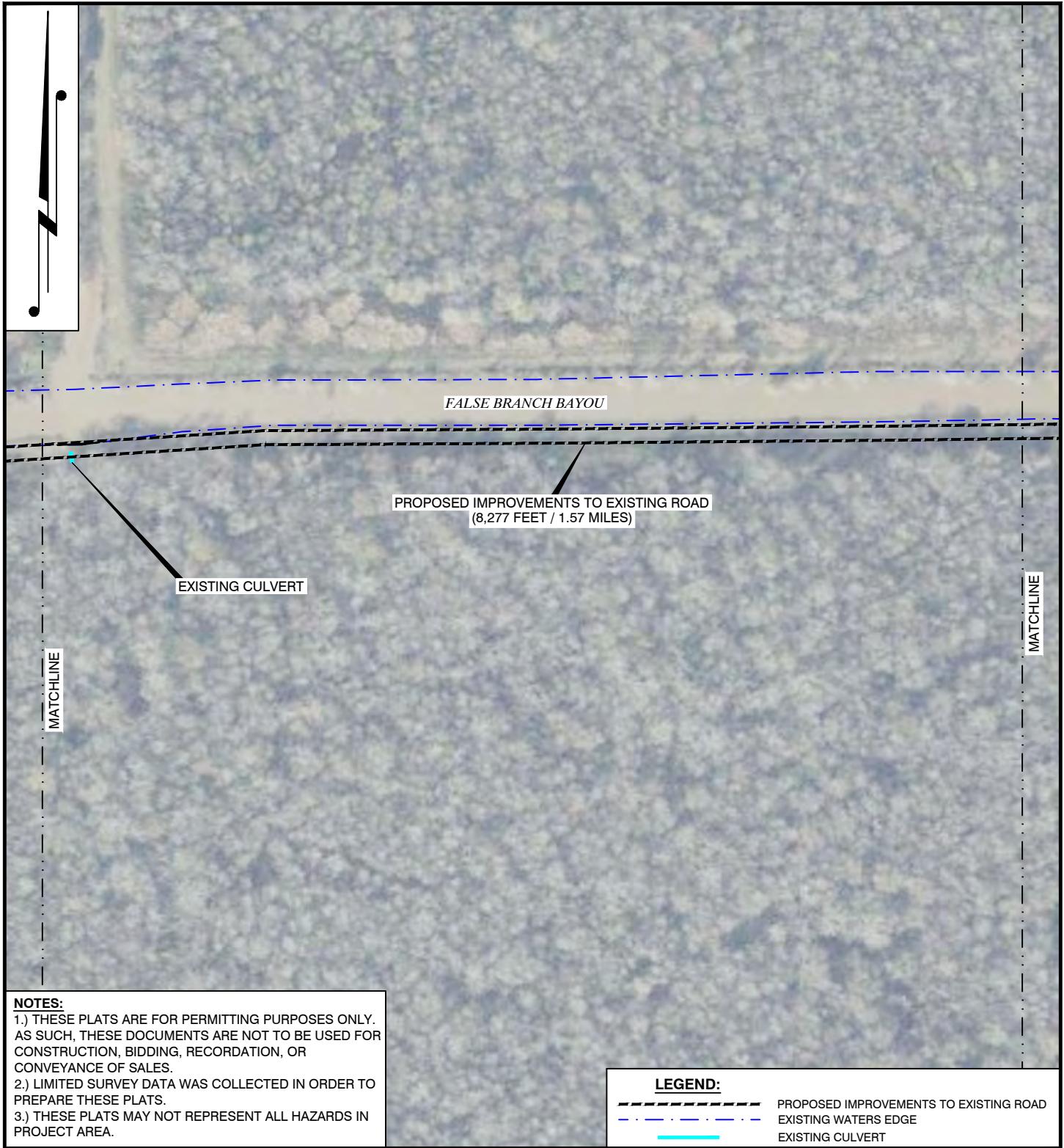


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**LEGEND:**

- PROPOSED IMPROVEMENTS TO EXISTING ROAD
- - - EXISTING WATERS EDGE
- EXISTING CULVERT

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| PROJECTION:   | LOUISIANA SOUTH ZONE               |              |           |
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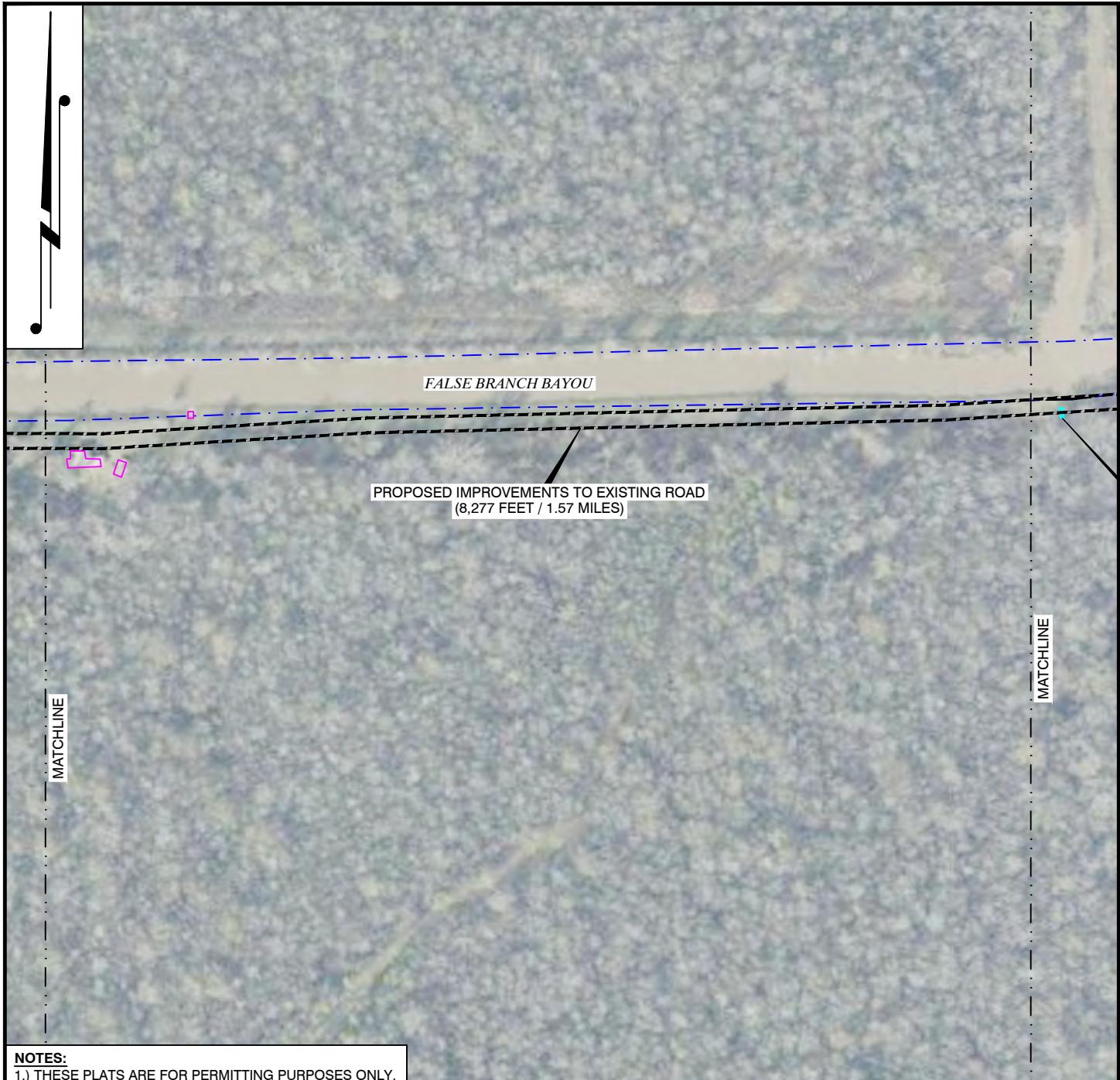


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- EXISTING WATERS EDGE
- EXISTING BUILDINGS / STRUCTURES
- EXISTING CULVERT

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| PROJECTION:      | LOUISIANA SOUTH ZONE               |              |           |
| GEO. DATUM:      | NAD83 (2011)   VERT. DATUM: NAVD88 |              |           |
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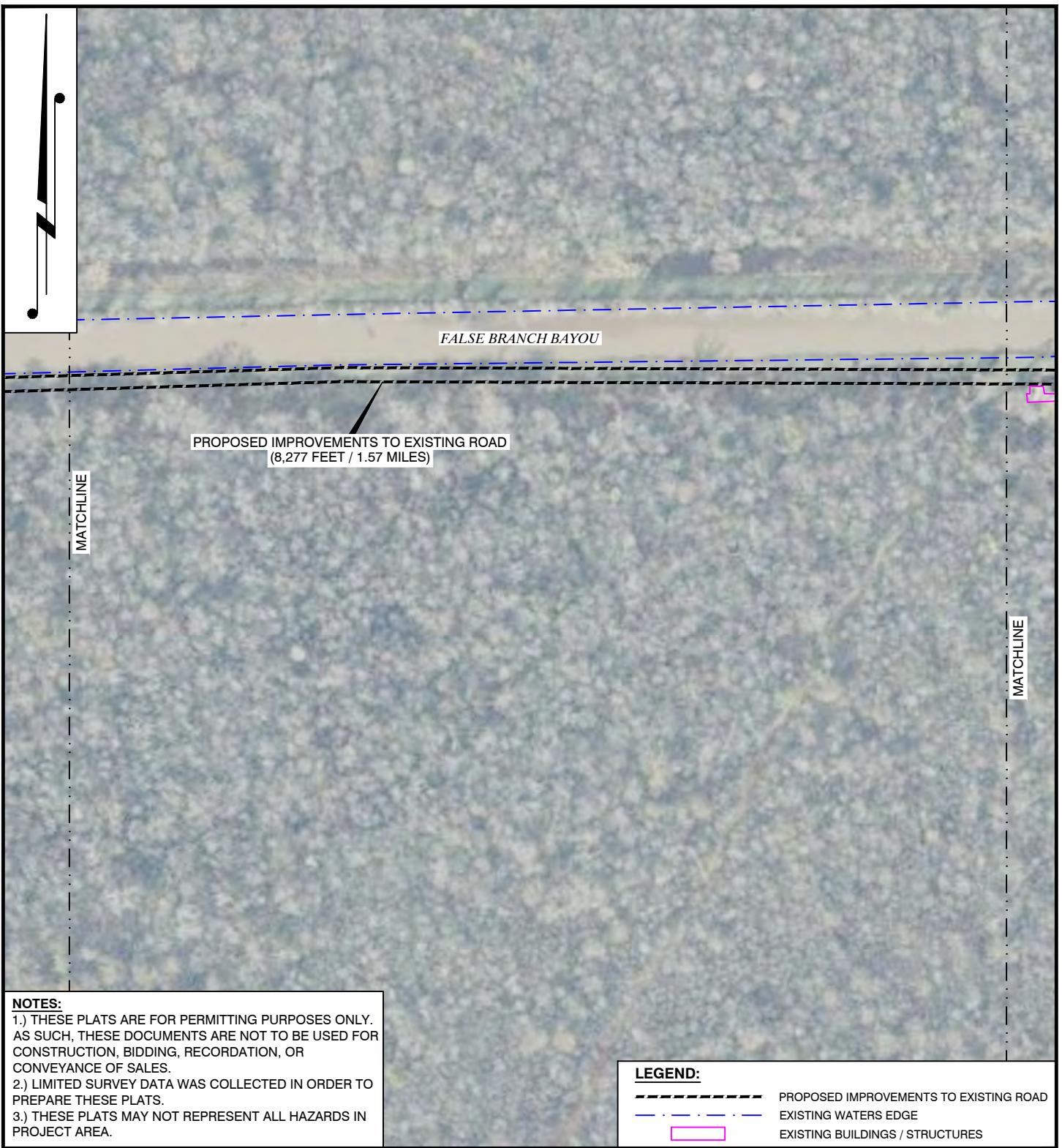


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- EXISTING WATERS EDGE
- EXISTING BUILDINGS / STRUCTURES

|   |                                    |              |           |  |  |  |
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| DRAWING NAME:   | 241409_COE_PLAN.DWG                |              |           |  |  |  |
| SHEET NO:   | 8 OF 18                            |              |           |  |  |  |
| PROJECTION:   | LOUISIANA SOUTH ZONE               |              |           |  |  |  |
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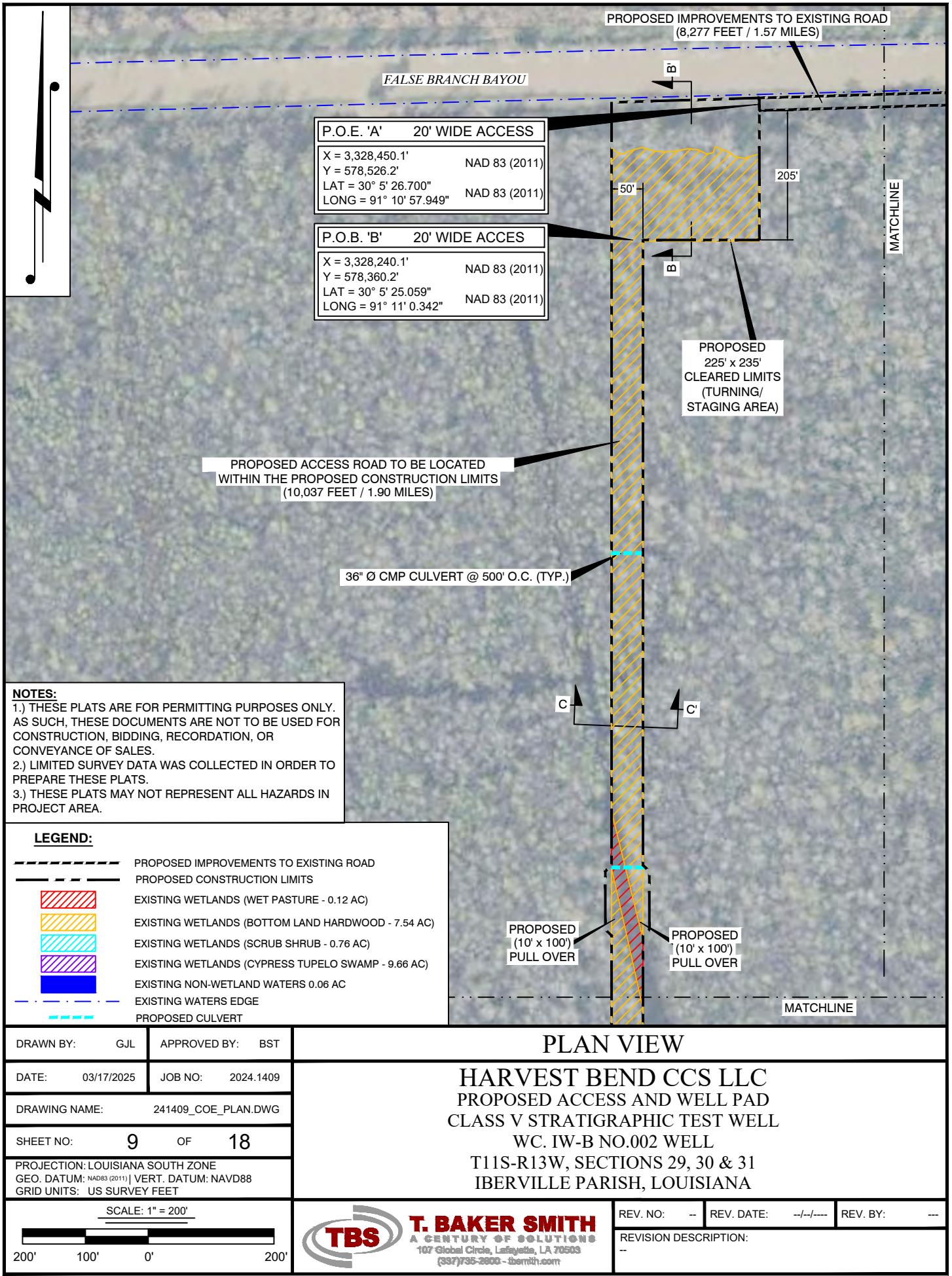


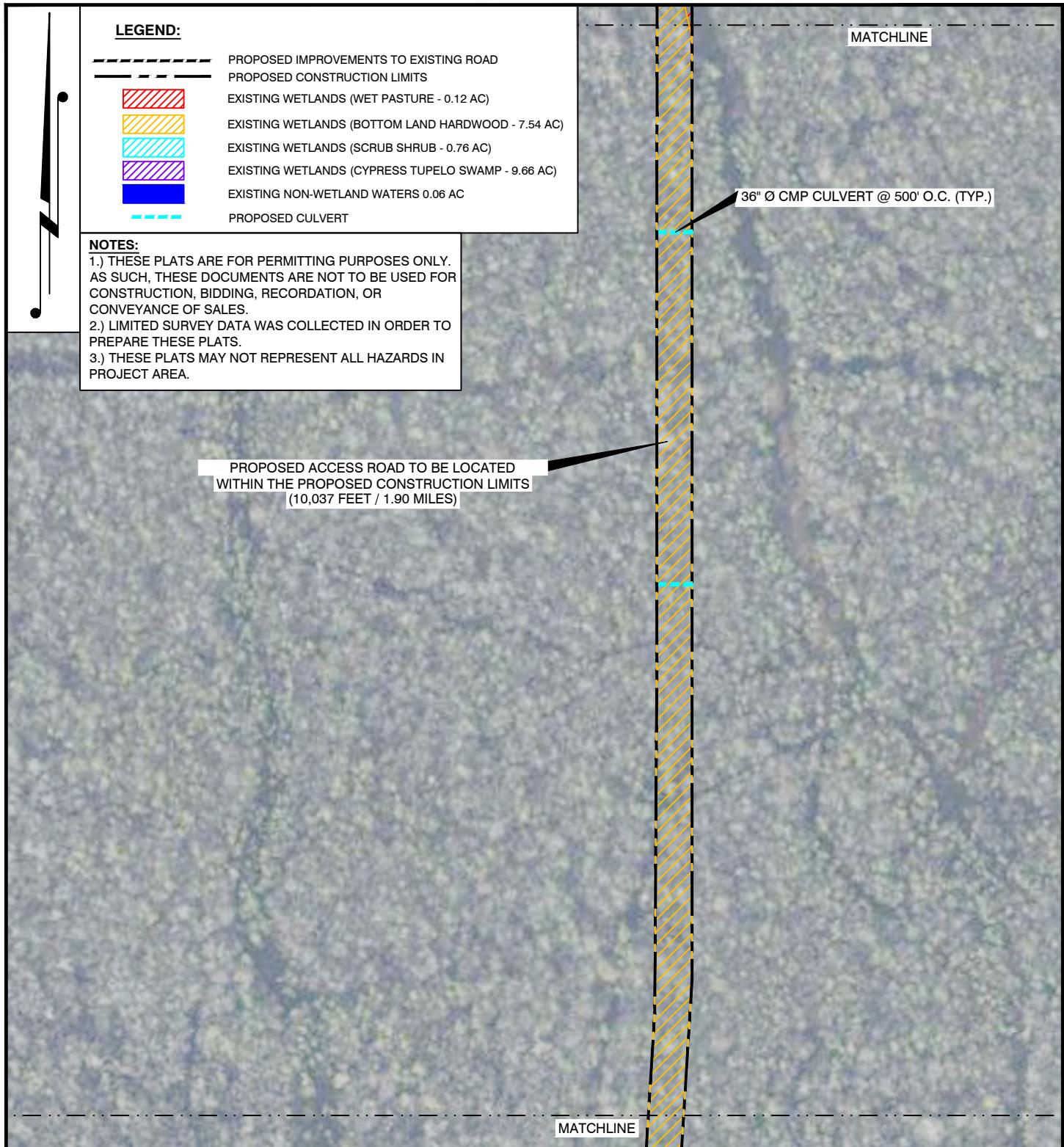
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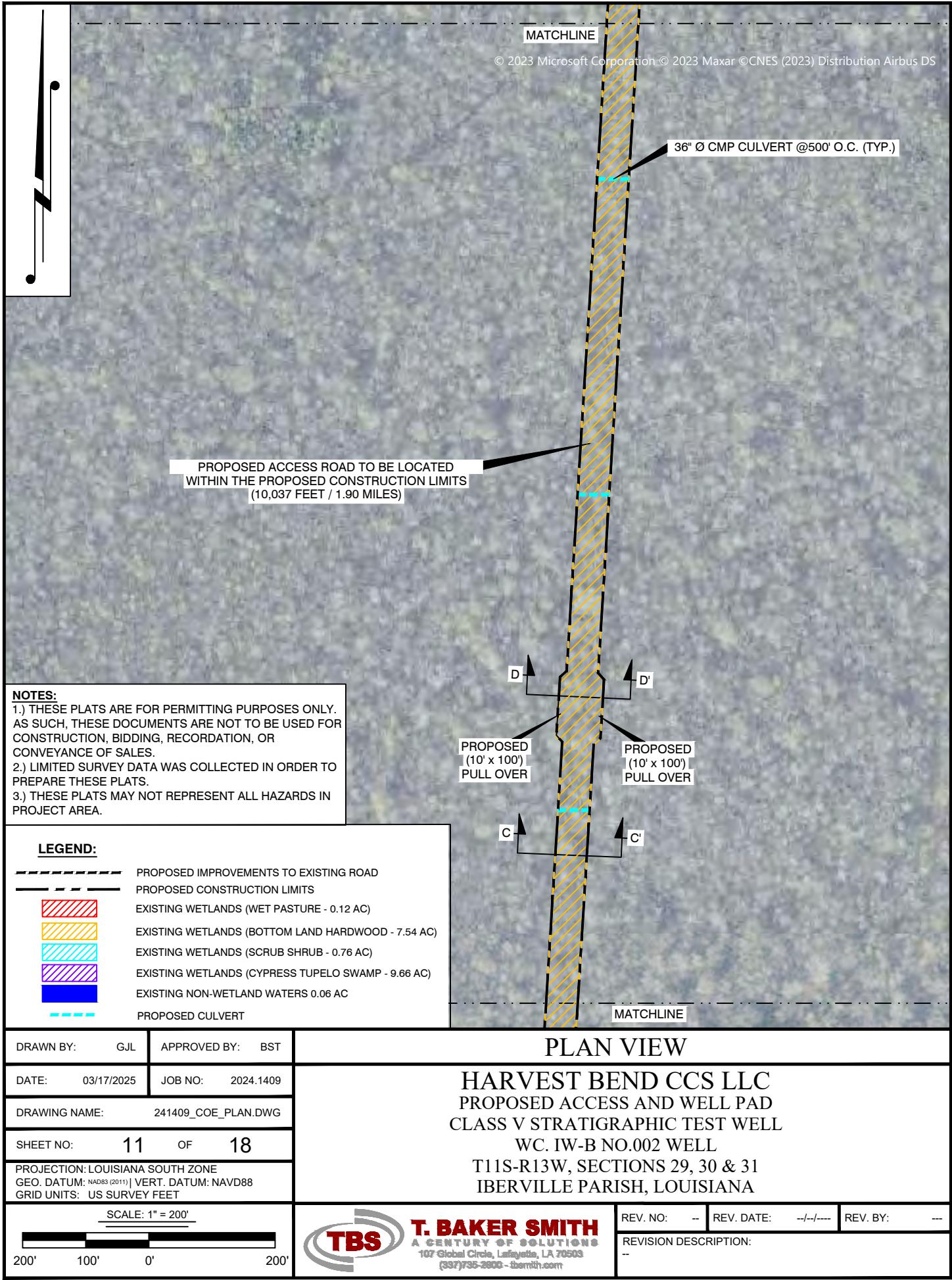
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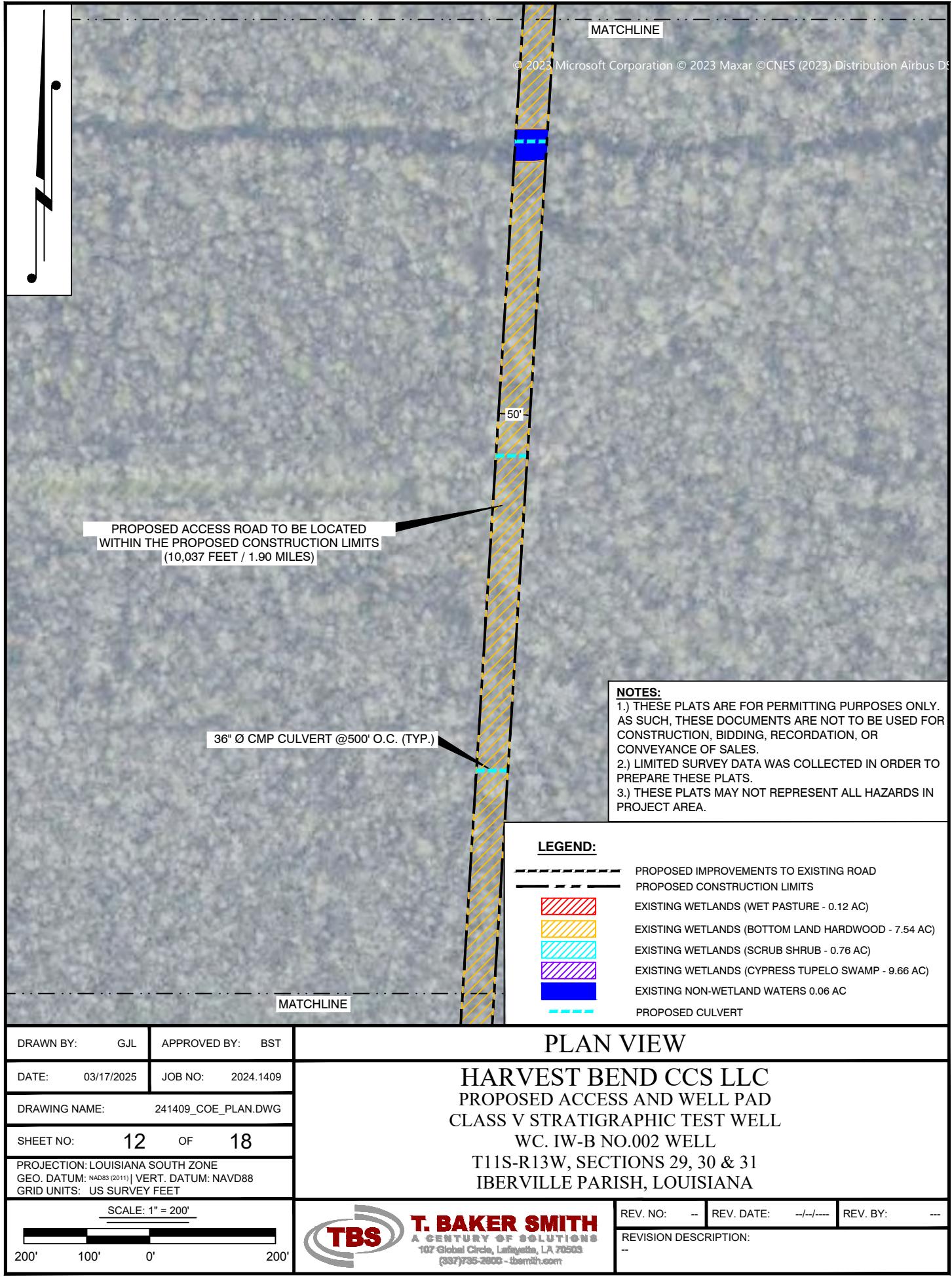
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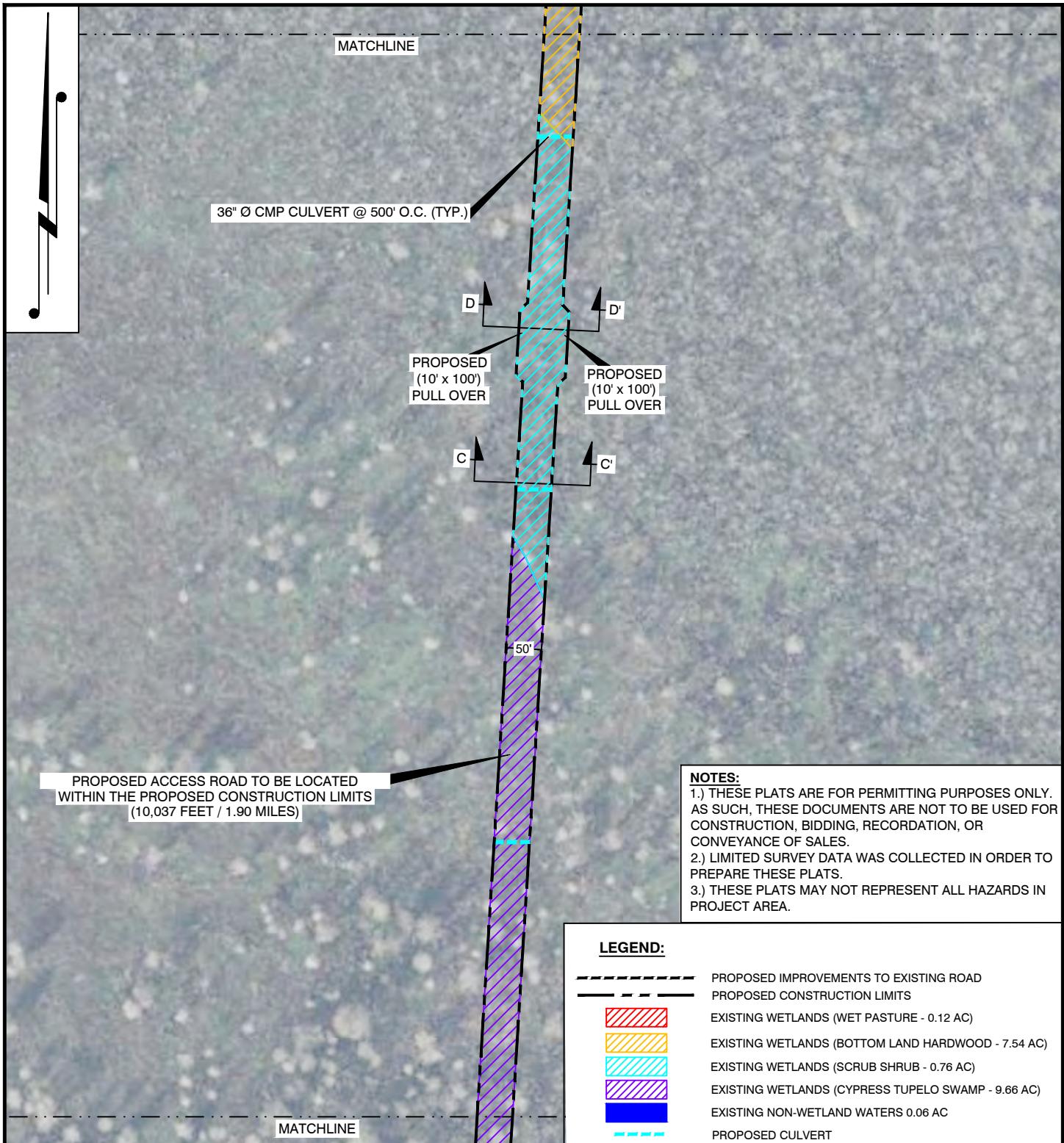




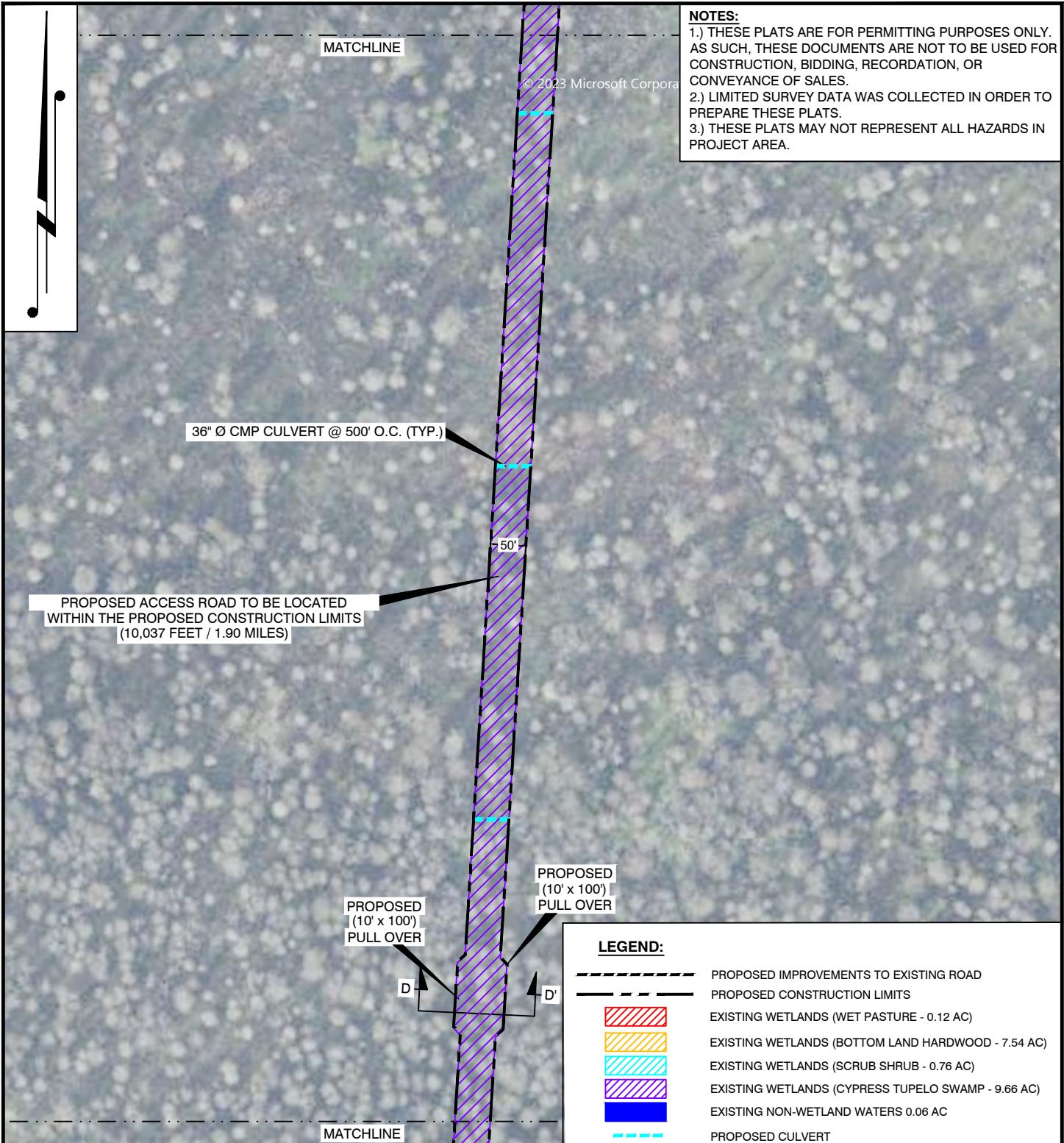
|   |                   |   |                     |             |
|---|-------------------|---|---------------------|-------------|
| DRAWN BY: GJL   | APPROVED BY: BST  | <b>PLAN VIEW</b>  |                     |             |
| DATE: 03/17/2025  | JOB NO: 2024.1409 | <b>HARVEST BEND CCS LLC</b><br><b>PROPOSED ACCESS AND WELL PAD</b><br><b>CLASS V STRATIGRAPHIC TEST WELL</b><br><b>WC. IW-B NO.002 WELL</b><br><b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b><br><b>IBERVILLE PARISH, LOUISIANA</b> |                     |             |
| DRAWING NAME: 241409_COE_PLAN.DWG   |                   |   |                     |             |
| SHEET NO: 10 OF 18  |                   |   |                     |             |
| PROJECTION: LOUISIANA SOUTH ZONE<br>GEO. DATUM: NAD83 (2011)   VERT. DATUM: NAVD88<br>GRID UNITS: US SURVEY FEET  |                   |   |                     |             |
| SCALE: 1" = 200'  |                   |   |                     |             |
|  <b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2800 - <a href="http://tbsmith.com">tbsmith.com</a> |                   | REV. NO: --   | REV. DATE: --/--/-- | REV. BY: -- |
|   |                   | REVISION DESCRIPTION:<br>--   |                     |             |



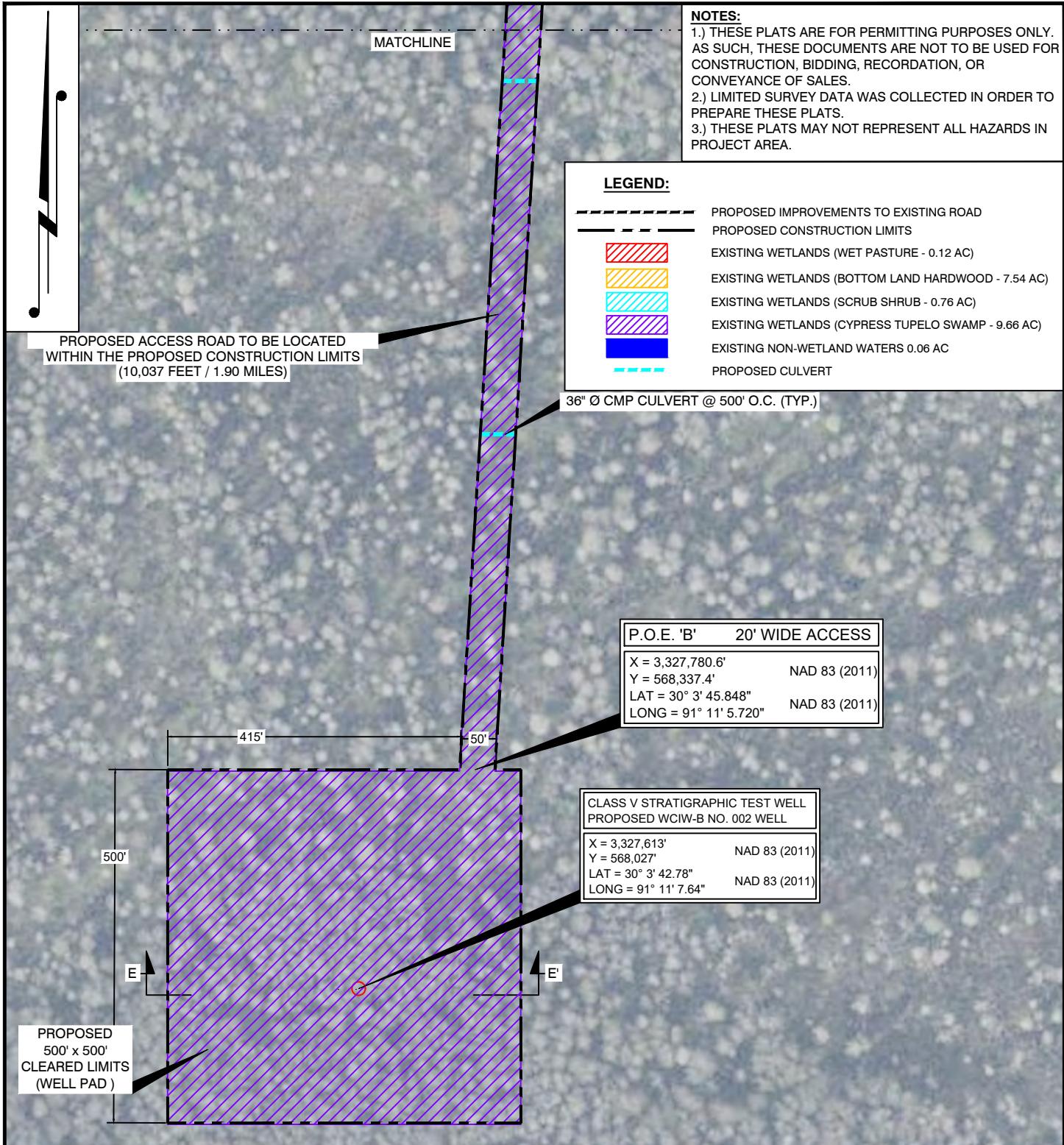




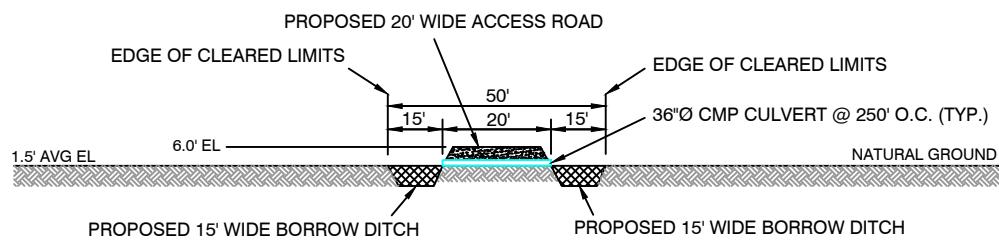
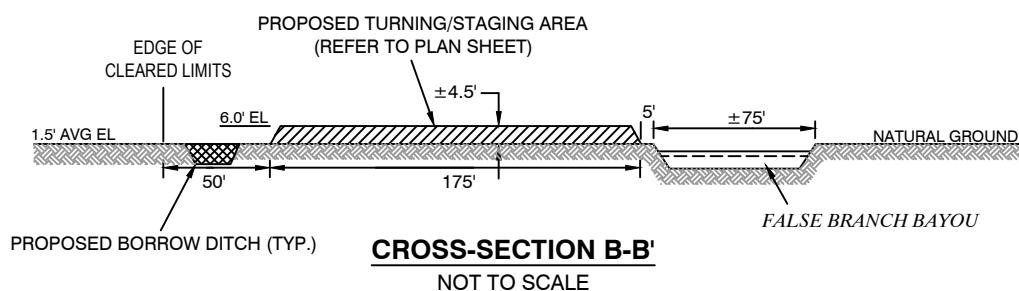
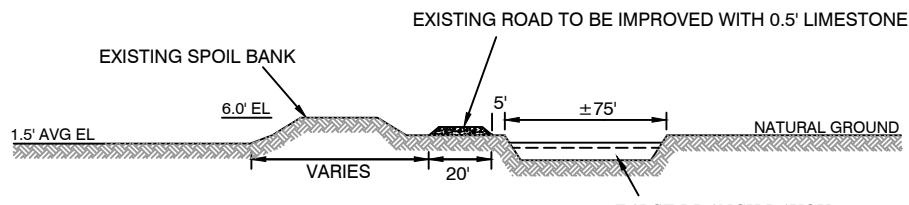
|   |                    |   |                     |             |
|---|--------------------|---|---------------------|-------------|
| DRAWN BY: GJL   | APPROVED BY: BST   | <b>PLAN VIEW</b>  |                     |             |
| DATE: 03/17/2025  | JOB NO: 2024.1409  | <b>HARVEST BEND CCS LLC</b><br><b>PROPOSED ACCESS AND WELL PAD</b><br><b>CLASS V STRATIGRAPHIC TEST WELL</b><br><b>WC. IW-B NO.002 WELL</b><br><b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b><br><b>IBERVILLE PARISH, LOUISIANA</b> |                     |             |
| DRAWING NAME: 241409_COE_PLAN.DWG   | SHEET NO: 13 OF 18 |   |                     |             |
| PROJECTION: LOUISIANA SOUTH ZONE  |                    |   |                     |             |
| GEO. DATUM: NAD83 (2011)   VERT. DATUM: NAVD88  |                    |   |                     |             |
| GRID UNITS: US SURVEY FEET  |                    |   |                     |             |
| SCALE: 1" = 200'  |                    |   |                     |             |
| 200'  | 100'               | 0'  | 200'                |             |
|  <b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2800 - <a href="http://tbsmith.com">tbsmith.com</a> |                    | REV. NO: --   | REV. DATE: --/--/-- | REV. BY: -- |
|   |                    | REVISION DESCRIPTION:<br>--   |                     |             |



|   |  |                             |             |
|---|--|-----------------------------|-------------|
| DRAWN BY: GJL   | APPROVED BY: BST                           | <b>PLAN VIEW</b>            |             |
| DATE: 03/17/2025  | JOB NO: 2024.1409                          | <b>HARVEST BEND CCS LLC</b> |             |
| DRAWING NAME: 241409_COE_PLAN.DWG   | <b>PROPOSED ACCESS AND WELL PAD</b>        |                             |             |
| SHEET NO: 14 OF 18  | <b>CLASS V STRATIGRAPHIC TEST WELL</b>     |                             |             |
| PROJECTION: LOUISIANA SOUTH ZONE<br>GEO. DATUM: NAD83 (2011)   VERT. DATUM: NAVD88<br>GRID UNITS: US SURVEY FEET  | <b>WC. IW-B NO.002 WELL</b>                |                             |             |
| SCALE: 1" = 200'  | <b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b> |                             |             |
| 200' 100' 0' 200'   | <b>IBERVILLE PARISH, LOUISIANA</b>         |                             |             |
| <b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2600 - <a href="http://tbsmith.com">tbsmith.com</a> | REV. NO: --                                | REV. DATE: --/--/--         | REV. BY: -- |
|   | REVISION DESCRIPTION:<br>--                |                             |             |

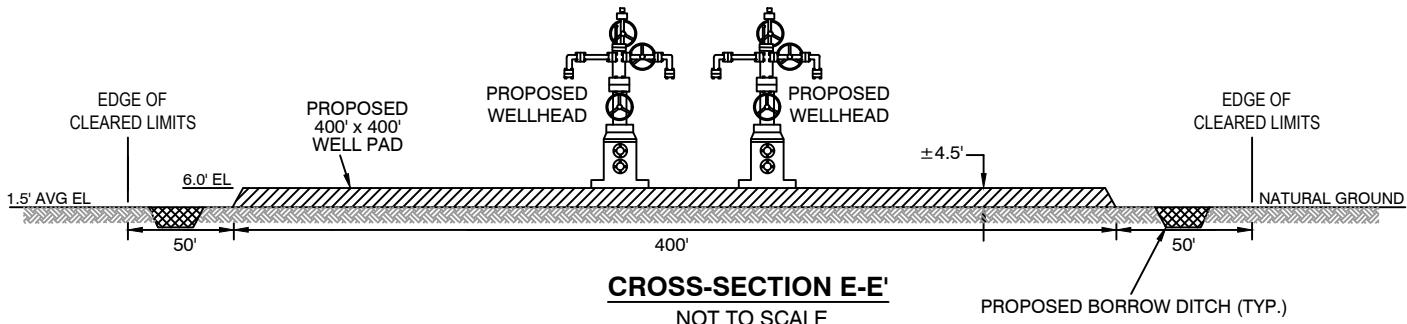
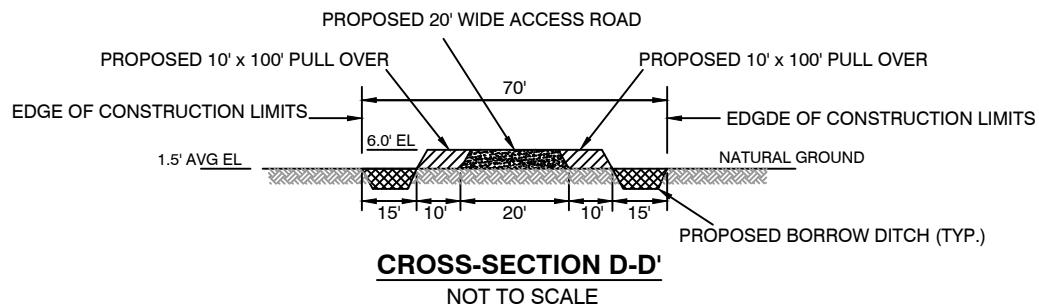


| DRAWN BY:   | GJL                  | APPROVED BY: | BST       | PLAN VIEW   |  |  |  |  |  |  |  |
|---|----------------------|--------------|-----------|---|--|--|--|--|--|--|--|
| DATE:   | 03/17/2025           | JOB NO:      | 2024.1409 | <b>HARVEST BEND CCS LLC</b><br><b>PROPOSED ACCESS AND WELL PAD</b><br><b>CLASS V STRATIGRAPHIC TEST WELL</b><br><b>WC. IW-B NO.002 WELL</b><br><b>T11S-R13W, SECTIONS 29, 30 &amp; 31</b><br><b>IBERVILLE PARISH, LOUISIANA</b> |  |  |  |  |  |  |  |
| DRAWING NAME:   | 241409_COE_PLAN.DWG  |              |           |   |  |  |  |  |  |  |  |
| SHEET NO:   | 15                   | OF           | 18        |   |  |  |  |  |  |  |  |
| PROJECTION:   | LOUISIANA SOUTH ZONE |              |           |   |  |  |  |  |  |  |  |
| GEO. DATUM:   | NAD83 (2011)         |              |           |   |  |  |  |  |  |  |  |
| GRID UNITS:   | US SURVEY FEET       |              |           |   |  |  |  |  |  |  |  |
| SCALE: 1" = 200'  |                      |              |           | REV. NO: -- REV. DATE: --/--/-- REV. BY: --   |  |  |  |  |  |  |  |
| 200'  | 100'                 | 0'           | 200'      | REVISION DESCRIPTION:<br>--   |  |  |  |  |  |  |  |
|  <b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2800 - <a href="http://tbsmith.com">tbsmith.com</a> |                      |              |           |   |  |  |  |  |  |  |  |

**NOTES:**

- 1.) THESE PLATS ARE FOR PERMITTING PURPOSES ONLY. AS SUCH, THESE DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR CONVEYANCE OF SALES.
- 2.) LIMITED SURVEY DATA WAS COLLECTED IN ORDER TO PREPARE THESE PLATS.
- 3.) THESE PLATS MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.

| DRAWN BY:  | GJL                                | APPROVED BY: | BST       | CROSS-SECTIONS   |  |  |  |  |  |  |
|--|------------------------------------|--------------|-----------|--|--|--|--|--|--|--|
| DATE:  | 03/17/2025                         | JOB NO:      | 2024.1409 | <b>HARVEST BEND CCS LLC</b><br>PROPOSED ACCESS AND WELL PAD<br>CLASS V STRATIGRAPHIC TEST WELL<br>WC. IW-B NO.002 WELL<br>T11S-R13W, SECTIONS 29, 30 & 31<br>IBERVILLE PARISH, LOUISIANA |  |  |  |  |  |  |
| DRAWING NAME:  | 241409_COE_PLAN.DWG                |              |           |  |  |  |  |  |  |  |
| SHEET NO:  | 16                                 | OF           | 18        |  |  |  |  |  |  |  |
| PROJECTION:  | LOUISIANA SOUTH ZONE               |              |           | REV. NO: -- REV. DATE: --/--/-- REV. BY: --  |  |  |  |  |  |  |
| GEO. DATUM:  | NAD83 (2011)   VERT. DATUM: NAVD88 |              |           | REVISION DESCRIPTION:<br>--  |  |  |  |  |  |  |
| GRID UNITS:  | SURVEY FEET                        |              |           |  |  |  |  |  |  |  |
| NOT TO SCALE   |                                    |              |           |  |  |  |  |  |  |  |
| <b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2600 - tbsmith.com |                                    |              |           |  |  |  |  |  |  |  |

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| DRAWN BY:     | GJL                  | APPROVED BY: | BST       | CROSS-SECTIONS   |    |                       |          |
|---------------|----------------------|--------------|-----------|--|----|-----------------------|----------|
| DATE:         | 03/17/2025           | JOB NO:      | 2024.1409 | <b>HARVEST BEND CCS LLC</b><br>PROPOSED ACCESS AND WELL PAD<br>CLASS V STRATIGRAPHIC TEST WELL<br>WC. IW-B NO.002 WELL<br>T11S-R13W, SECTIONS 29, 30 & 31<br>IBERVILLE PARISH, LOUISIANA |    |                       |          |
| DRAWING NAME: | 241409_COE_PLAN.DWG  |              |           |  |    |                       |          |
| SHEET NO:     | 17                   | OF           | 18        |  |    |                       |          |
| PROJECTION:   | LOUISIANA SOUTH ZONE |              |           |  |    |                       |          |
| GEO. DATUM:   | NAD83 (2011)         | VERT. DATUM: | NAVD88    |  |    |                       |          |
| GRID UNITS:   | US SURVEY FEET       |              |           |  |    |                       |          |
| NOT TO SCALE  |                      |              |           | REV. NO:   | -- | REV. DATE:            | --/--/-- |
|               |                      |              |           | REV. BY:   | -- | REVISION DESCRIPTION: |          |
|               |                      |              |           |  |    |                       |          |



**T. BAKER SMITH**  
A CENTURY OF SOLUTIONS  
107 Global Circle, Lafayette, LA 70503  
(337)735-2600 - [tbsmith.com](http://tbsmith.com)

**CALCULATIONS:****PROPOSED IMPROVEMENTS TO EXISTING ROAD, STA. 110+00 TO 113+00.**

APPROXIMATELY ±482 CU YDS OF MATERIAL REQUIRED.

**PROPOSED 20' WIDE ACCESS ROAD, STA. 113+00 TO 287+72.**

APPROXIMATELY ±2,819 CU YDS OF LIMESTONE REQUIRED.

APPROXIMATELY ±26,438 CU YDS OF FILL MATERIAL REQUIRED.

**PROPOSED 150' x 150' TURN AROUND.**

APPROXIMATELY ±417 CU YDS OF LIMESTONE REQUIRED.

APPROXIMATELY ±3,333 CU YDS OF FILL MATERIAL REQUIRED.

**PROPOSED PULL OVER (ADDITIONAL 10' WIDTH EACH SIDE, 100' IN LENGTH, (4) TOTAL).**

APPROXIMATELY ±112 CU YDS OF LIMESTONE REQUIRED.

APPROXIMATELY ±1,048 CU YDS OF FILL MATERIAL REQUIRED.

**PROPOSED 400' x 400' WELL PAD.**

APPROXIMATELY ±2,963 CU YDS OF LIMESTONE REQUIRED.

APPROXIMATELY ±23,704 CU YDS OF FILL MATERIAL REQUIRED.

**CONSTRUCTION LIMITS:**

22.36 TOTAL ACRES TO BE IMPACTED BY CONSTRUCTION LIMITS (PROJECT FOOTPRINT).

**Acres Affected by the  
Harvest Bend CCS Project**

|                                  | Impact Type (Acres) |           | Total Impacted<br>Acreage |
|----------------------------------|---------------------|-----------|---------------------------|
|                                  | Temporary           | Permanent |                           |
| Wet Pasture (PEM)                | 0.00                | 0.12      | 0.12                      |
| Bald-Cypress Tupelo Swamp (PFO)  | 0.00                | 9.66      | 9.66                      |
| Bottomland Hardwood Forest (PFO) | 0.00                | 7.54      | 7.54                      |
| Scrub Shrub Wetlands (PSS)       | 0.00                | 0.76      | 0.76                      |
| Wetland Subtotal                 | <b>0.00</b>         | 18.07     | 18.07                     |
| Open Water                       | 0.06                | 0.00      | 0.06                      |
| Total                            | <b>0.06</b>         | 18.07     | 18.13                     |

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- 3.) THESE PLATS MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.

|  |                            |   |  |  |
|--|----------------------------|---|--|--|
| DRAWN BY: GJL                                  | APPROVED BY: BST           | <b>CALCULATIONS</b>   |  |  |
| DATE: 03/17/2025                               | JOB NO: 2024.1409          | <b>HARVEST BEND CCS LLC</b><br>PROPOSED ACCESS AND WELL PAD<br>CLASS V STRATIGRAPHIC TEST WELL<br>WC. IW-B NO.002 WELL<br>T11S-R13W, SECTIONS 29, 30 & 31<br>IBERVILLE PARISH, LOUISIANA                        |  |  |
| DRAWING NAME: 241409_COE_PLAN.DWG              |                            |   |  |  |
| SHEET NO: 18                                   | OF 18                      |   |  |  |
| PROJECTION: LOUISIANA SOUTH ZONE               |                            |   |  |  |
| GEO. DATUM: NAD83 (2011)   VERT. DATUM: NAVD88 | GRID UNITS: US SURVEY FEET |   |  |  |
| NOT TO SCALE                                   |                            | <br><b>T. BAKER SMITH</b><br>A CENTURY OF SOLUTIONS<br>107 Global Circle, Lafayette, LA 70503<br>(337)735-2800 - tbsmith.com | REV. NO: -- REV. DATE: --/--/-- REV. BY: --<br>REVISION DESCRIPTION:<br>-- |  |