



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVENUE
NEW ORLEANS LA 70118-3651

May 15, 2023

Regulatory Division
Central Evaluation Branch

Project Manager:
Zach Steinkoenig
(504) 862-1288
zachary.j.steinkoenig@usace.army.mil

Application #: MVN-2022-01004-CF

PUBLIC NOTICE

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: [X] 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).

PROPOSED "PROJECT ROUX" TEST WELL AND ACCESS ROAD in LAFOURCHE PARISH

NAME OF APPLICANT: ConocoPhillips Company c/o Providence Engineering and Environmental Groups LLC, 1201 Main Street, Baton Rouge, LA 70802, Attn: Tim Kimmel

LOCATION OF WORK: Located adjacent to Highway 307 near Bayou Des Allemands, Louisiana, within Lafourche Parish (lat. 29.824777, long. -90.544177), as shown within the attached drawings. (Hydrologic Unit Code 08090301, Barataria Basin).

CHARACTER OF WORK: The proposed project is to discharge fill and clear wetlands for the construction of an appraisal test well and pad and construct and improve an access road to the well. The purpose of the project is to construct the appraisal well and evaluate subsurface formations below the well pad site to assess the potential for permanent geologic sequestration of carbon dioxide. The project as proposed would permanently impact approximately 14.6 acres of a mixture of emergent, bottomland hardwood, and cypress wetlands and temporary impact 4.7 acres of wetlands via a combination of board matting and forested clearing for the well pad and access road.

MITIGATION: The applicant proposes to avoid direct impacts and minimize secondary impacts (to wetlands) to the maximum extent practicable. For compensation for unavoidable wetland impacts, the applicant proposes to use a Corps approved mitigation bank within the watershed of impact.

The comment period on the requested Department of the Army Permit will close 20 days from the date of this 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 request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGC, Zach Steinkoenig**. 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. This public notice is also available for review online at <https://go.usa.gov/xennJ>.

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. Further, all factors that may be relevant to the proposal will be considered, including the potential cumulative effects associated with the proposed project.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service (USFWS), it has been determined that the project may affect the Eastern Black Rail. Consultation with the USFWS has been initiated for that 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, alteration, and/or disturbance of 0 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 LA Department of Environmental Quality before a Department of the Army permit is issued.

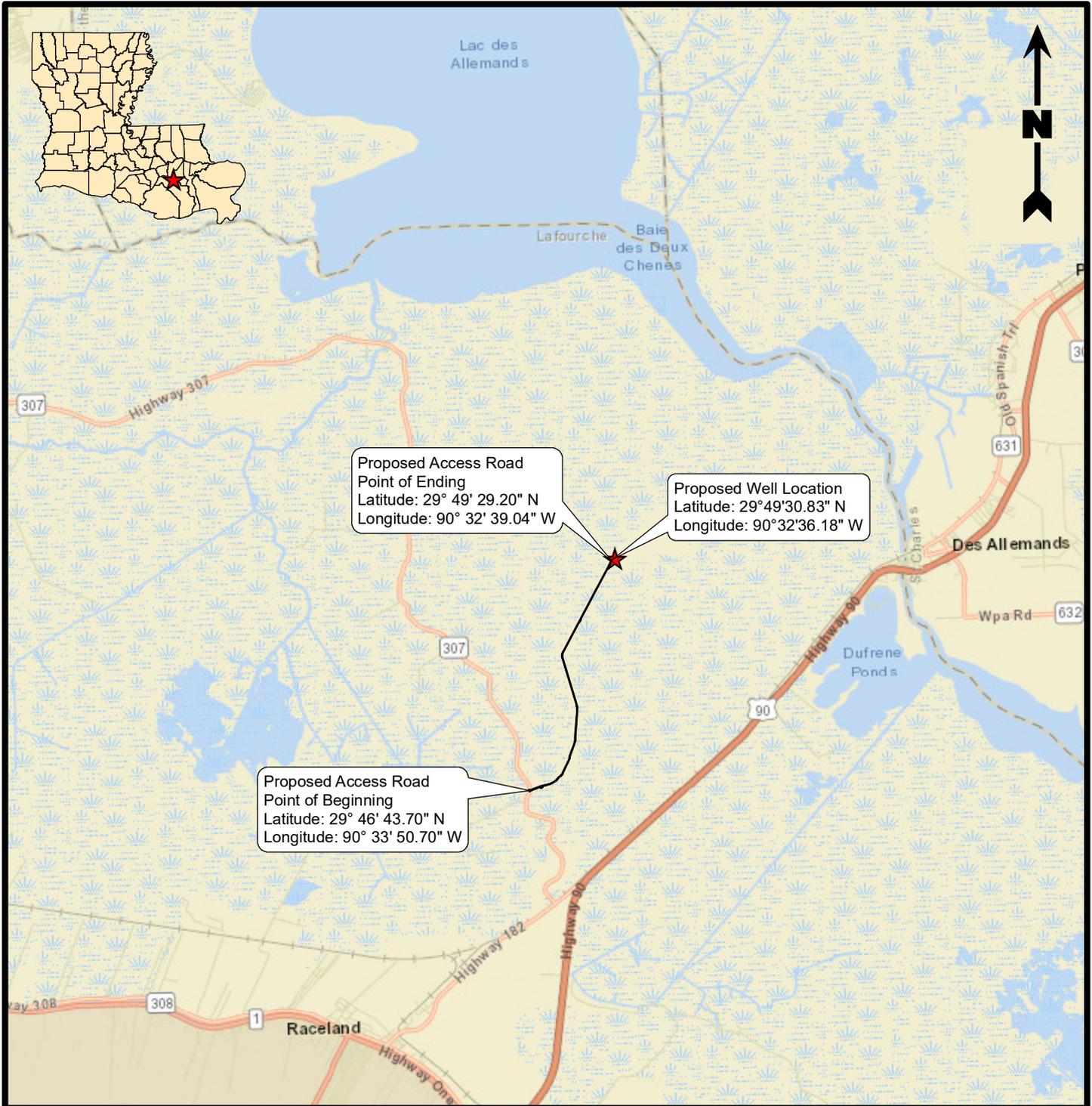
Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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 (Louisiana Coastal Zone Application P20221112). 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 invited 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 Branch
Regulatory Division

Enclosures



Proposed Access Road
Point of Ending
Latitude: 29° 49' 29.20" N
Longitude: 90° 32' 39.04" W

Proposed Well Location
Latitude: 29°49'30.83" N
Longitude: 90°32'36.18" W

Proposed Access Road
Point of Beginning
Latitude: 29° 46' 43.70" N
Longitude: 90° 33' 50.70" W



Legend

★ Proposed Well Location

Note

All coordinates shown are referenced to geographic coordinate system (NAD83).

Reference

Base map comprised of ESRI StreetMap USA data.

Vicinity Map

Joint Permit Application
Lafourche Parish, Louisiana

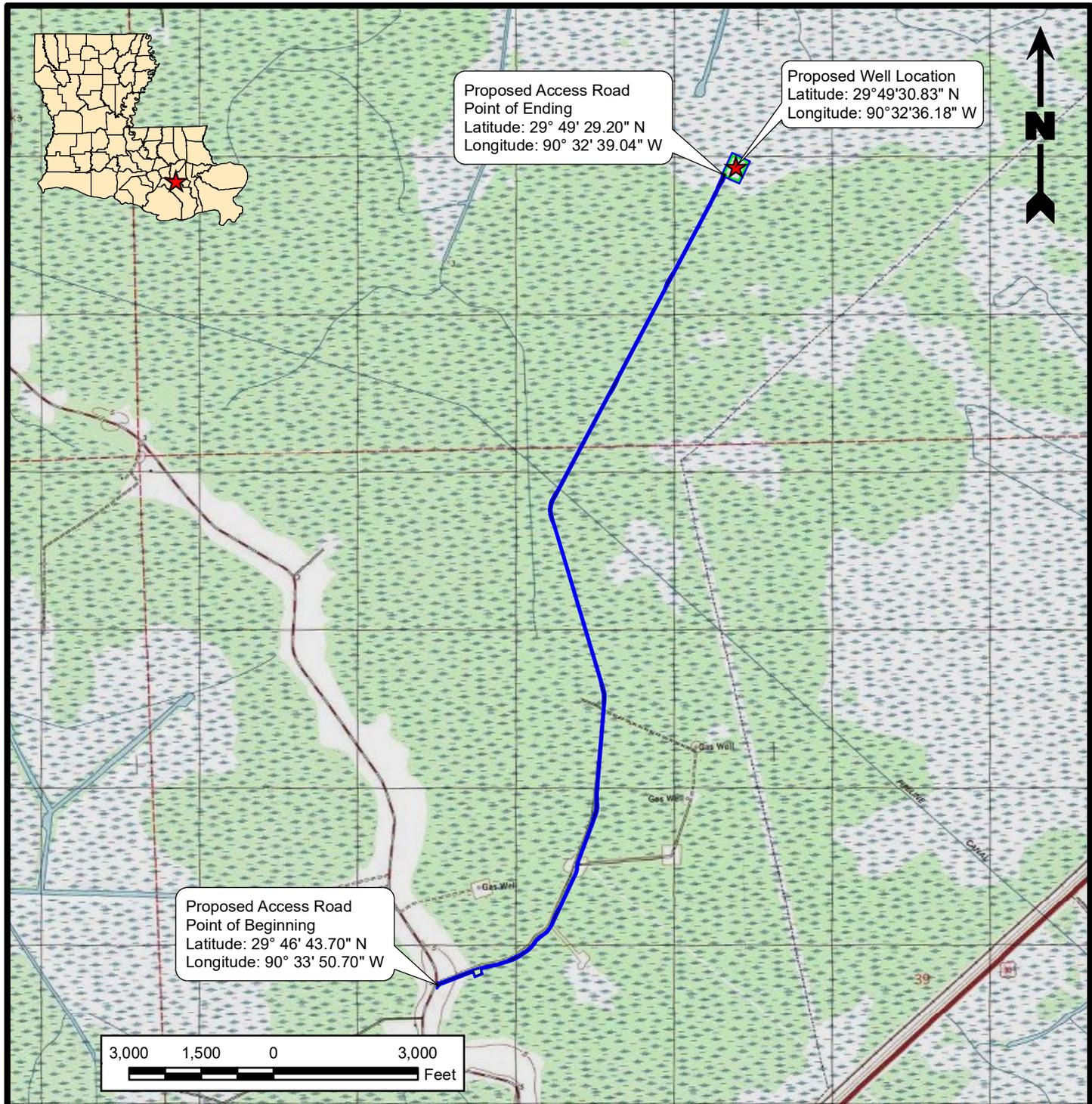
ConocoPhillips Company
Project Roux



| | | |
|-------------|-----|----------|
| Drawn By | LMH | 03/17/23 |
| Checked By | LMH | 03/17/23 |
| Approved By | TCK | 03/17/23 |

| |
|---------------------------------|
| Project Number 1429-002 |
| Drawing Number 1429-002-A058 |

1
Figure



Legend

- Proposed Project Area (26.87 Acres)
- Proposed Well Pad
- Proposed Access Road
- ★ Proposed Well Location

Note

All coordinates shown are referenced to geographic coordinate system (NAD83).

Reference

Base map comprised of United States Geological Survey 7.5-minute topographic map, "Bayou Boeuf, LA".

Site Location Map

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



PROVIDENCE

| | | |
|-------------|-----|----------|
| Drawn By | LMH | 03/17/23 |
| Checked By | LMH | 03/17/23 |
| Approved By | TCK | 03/17/23 |

| | |
|---------------------------------|--------------------|
| Project Number 1429-002 | 2 Figure |
| Drawing Number 1429-002-A059 | |

Fill Volumes:

Pad (Flotant Area)

- 742 cu.yds. - Rip Rap
 - 44,648 cu.yds. - Sand
 - 9,188 cu.yds. - 610 Limestone
- Total = 54,578 cu.yds.

Access Road (Bottomland Hardwoods Area)

- 331 cu.yds. - Rip Rap
 - 3,110 cu.yds. - Sand
 - 830 cu.yds. - 610 Limestone
- Total = 4,271 cu.yds.

Access Road (Cypress Area)

- 3,393 cu.yds. - Rip Rap
 - 34,503 cu.yds. - Sand
 - 9,712 cu.yds. - 610 Limestone
 - 3,680 cu.yds. - Woody Vegetation (Mulch)
- Total = 51,288 cu.yds.

Access Road (Previously Impacted Cypress Area)

- 2,978 cu.yds. - Rip Rap
 - 32,032 cu.yds. - Sand
 - 9,262 cu.yds. - 610 Limestone
 - 4,320 cu.yds. - Woody Vegetation (Mulch)
- Total = 48,592 cu.yds.

Access Road (Emergent Wetlands Area)

- 263 cu.yds. - Rip Rap
 - 3,134 cu.yds. - Sand
 - 949 cu.yds. - 610 Limestone
- Total = 4,346 cu.yds.

Access Road (Flotant Area)

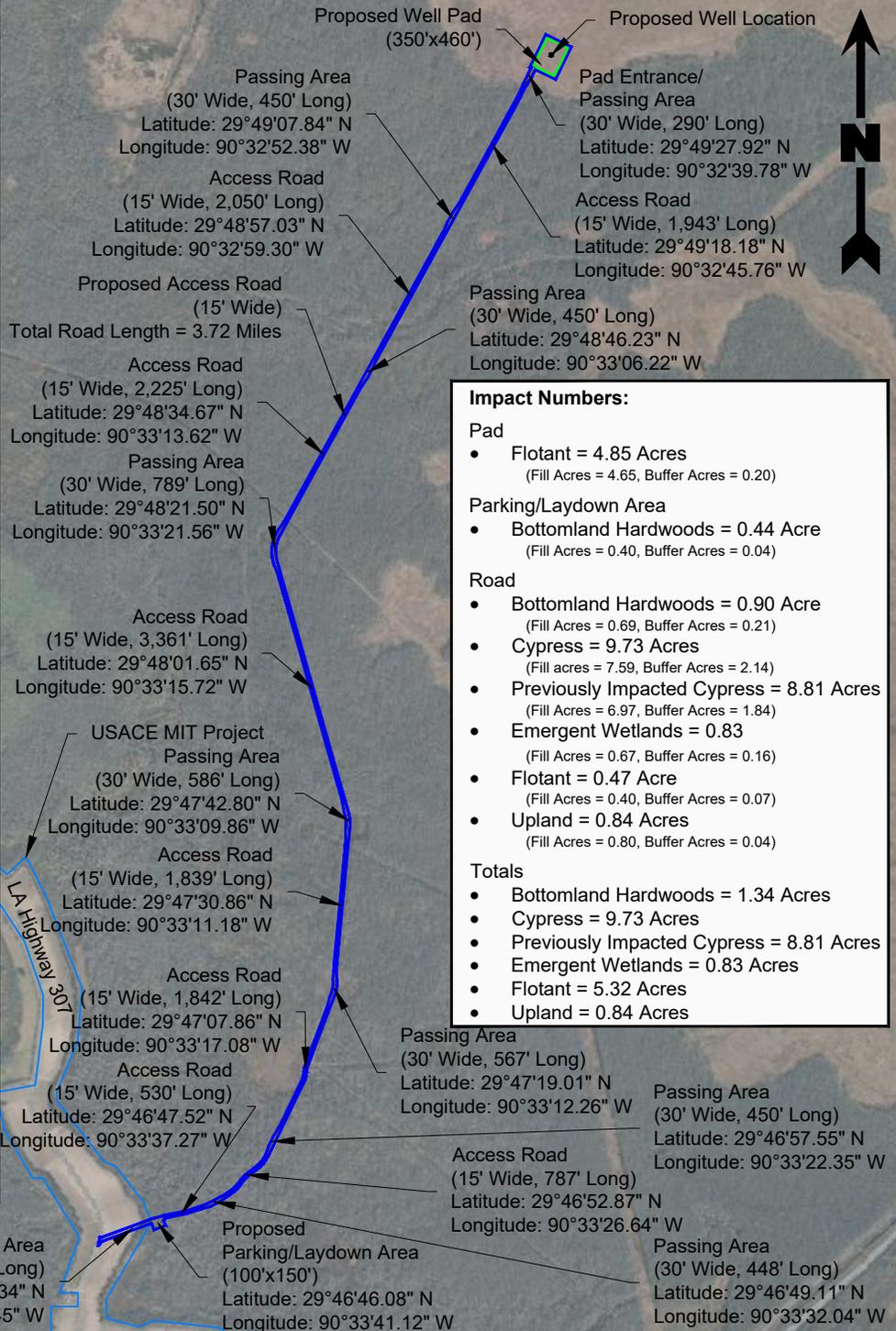
- 190 cu.yds. - Rip Rap
 - 3,167 cu.yds. - Sand
 - 476 cu.yds. - 610 Limestone
- Total = 3,833 cu.yds.

Access Road (Upland Area)

- 139 cu.yds. - Rip Rap
 - 4,215 cu.yds. - Sand
 - 1,591 cu.yds. - 610 Limestone
- Total = 5,945 cu.yds.

Parking/Laydown Area (Bottomland Hardwoods Area)

- 66 cu.yds. - Rip Rap
 - 2,066 cu.yds. - Sand
 - 787 cu.yds. - 610 Limestone
- Total = 2,919 cu.yds.



Impact Numbers:

Pad

- Flotant = 4.85 Acres
(Fill Acres = 4.65, Buffer Acres = 0.20)

Parking/Laydown Area

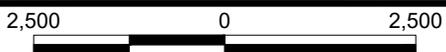
- Bottomland Hardwoods = 0.44 Acre
(Fill Acres = 0.40, Buffer Acres = 0.04)

Road

- Bottomland Hardwoods = 0.90 Acre
(Fill Acres = 0.69, Buffer Acres = 0.21)
- Cypress = 9.73 Acres
(Fill acres = 7.59, Buffer Acres = 2.14)
- Previously Impacted Cypress = 8.81 Acres
(Fill Acres = 6.97, Buffer Acres = 1.84)
- Emergent Wetlands = 0.83
(Fill Acres = 0.67, Buffer Acres = 0.16)
- Flotant = 0.47 Acre
(Fill Acres = 0.40, Buffer Acres = 0.07)
- Upland = 0.84 Acres
(Fill Acres = 0.80, Buffer Acres = 0.04)

Totals

- Bottomland Hardwoods = 1.34 Acres
- Cypress = 9.73 Acres
- Previously Impacted Cypress = 8.81 Acres
- Emergent Wetlands = 0.83 Acres
- Flotant = 5.32 Acres
- Upland = 0.84 Acres



Legend

- Proposed Project Area / Limits of Clearing (26.87 Acres)
- Proposed Well Pad
- Proposed Access Road

Notes

All coordinates shown are referenced to geographic coordinate system (NAD83).

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2022 Microsoft Corporation and its data suppliers, exported 12/06/22.

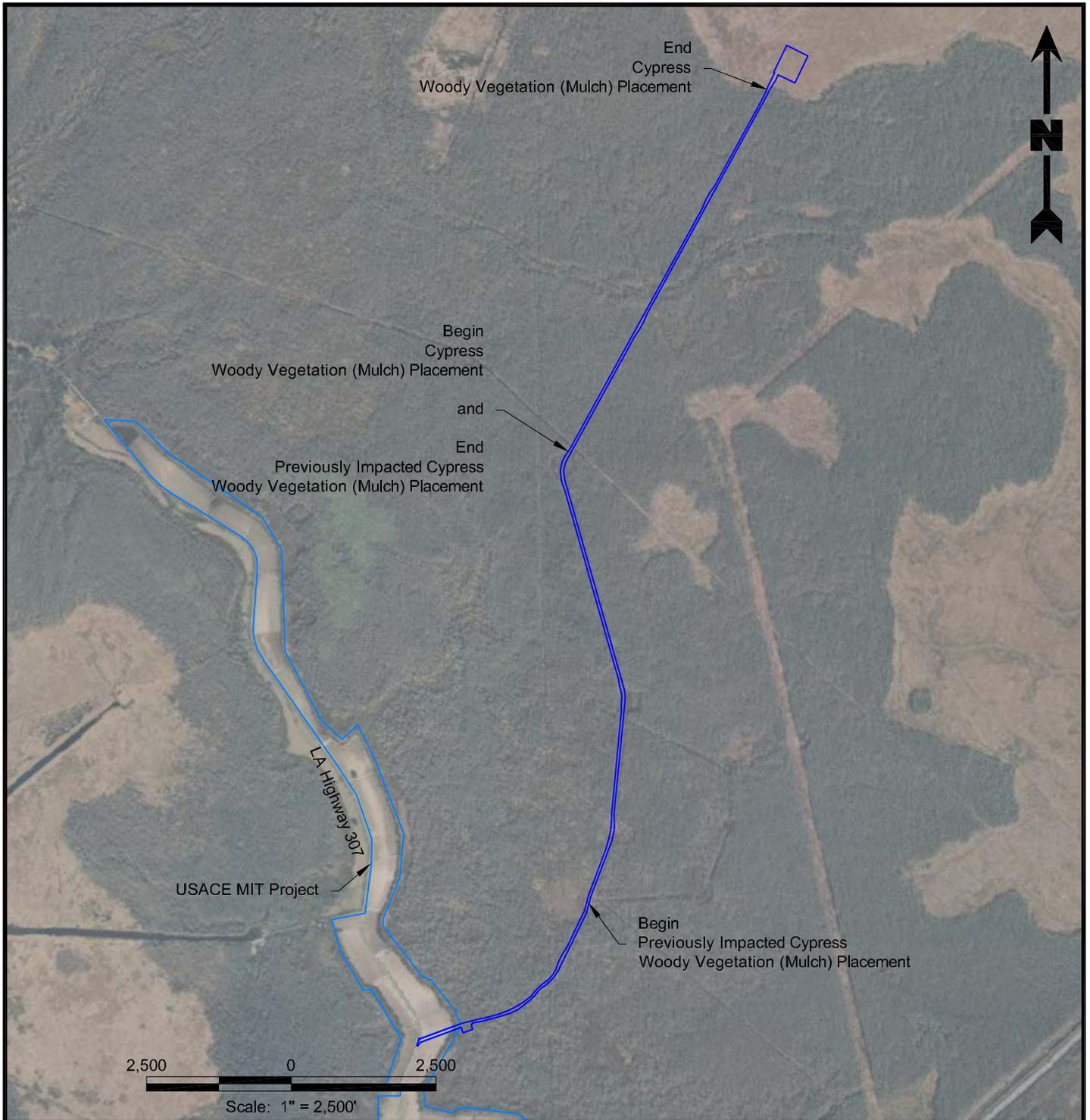
Site Plan

Joint Permit Application
 Lafourche Parish, Louisiana

ConocoPhillips Company
 Project Roux



| | | |
|----------------|---------------|--------------------|
| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | TCK | 04/12/23 |
| Project Number | 1429-002 | 3 Figure |
| Drawing Number | 1429-002-A060 | |



Legend

Proposed Project Area / Limits of Clearing (26.87 Acres)

Notes

A portion of the cleared woody vegetation will be removed and disposed offsite in an upland location. A small percentage of cleared woody vegetation will be mulched and left within the project area. (Varies 45' - 60' wide x 15,185' length x 5" max thickness)

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2022 Microsoft Corporation and its data suppliers, exported 12/06/22.

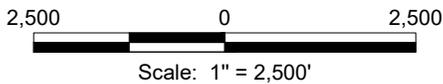
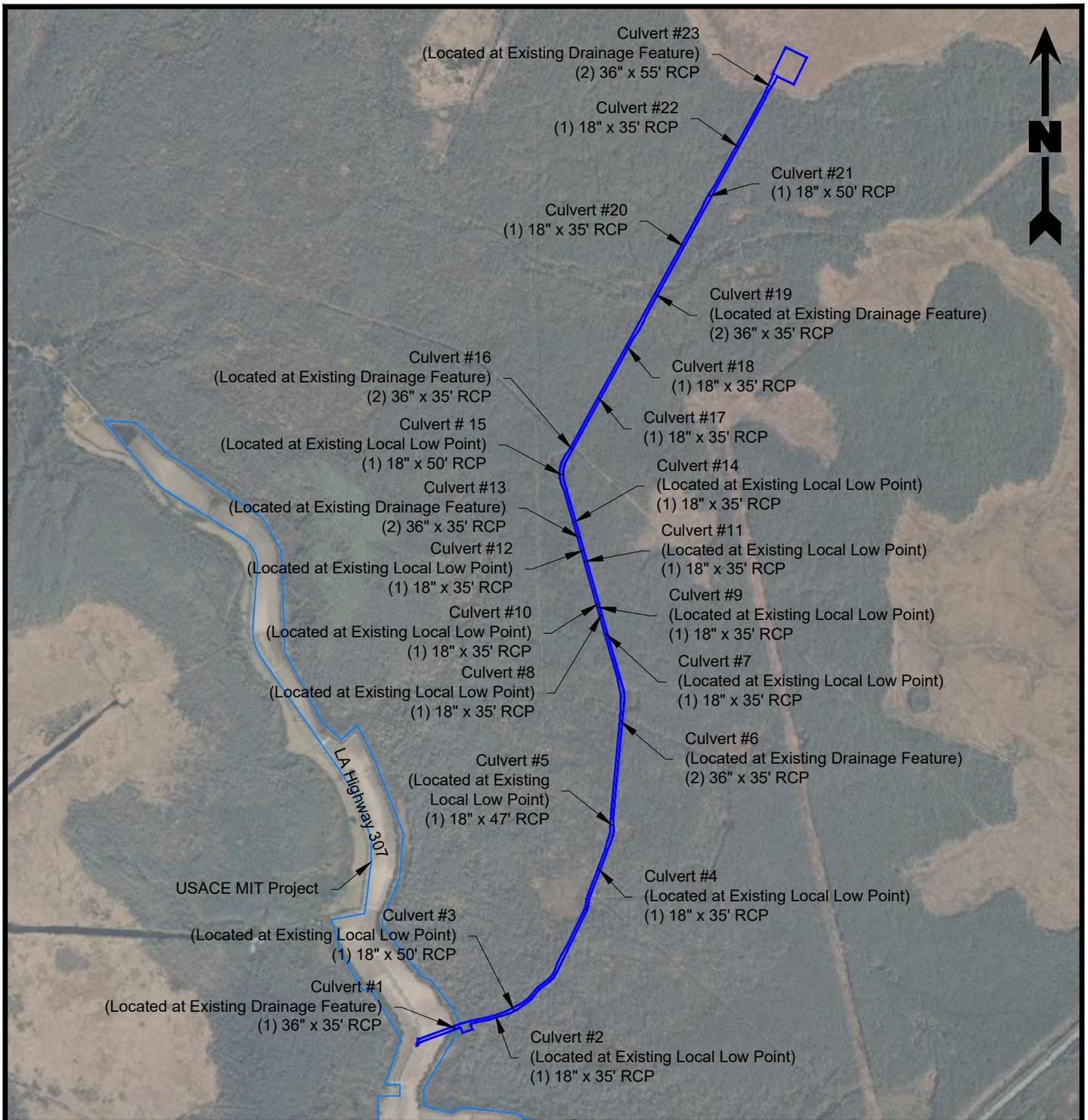
**Site Plan
(Woody Vegetation Mulch Placement)**

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



| | | |
|---------------------------------|-----|---------------------|
| Drawn By | LMH | 03/17/23 |
| Checked By | LMH | 03/17/23 |
| Approved By | TCK | 03/17/23 |
| Project Number 1429-002 | | 3a Figure |
| Drawing Number 1429-002-A136 | | |



Legend

Proposed Project Area / Limits of Clearing (26.87 Acres)

Notes

1. Culvert design and placements were determined by HMIA, consultation with Office of Coastal Management (OCM), and OCM field investigations conducted on 03/14/23 and 04/05/23.
2. Culvert material type may be HDPE for smaller culverts where the minimum required cover can be achieved.

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2022 Microsoft Corporation and its data suppliers, exported 12/06/22.

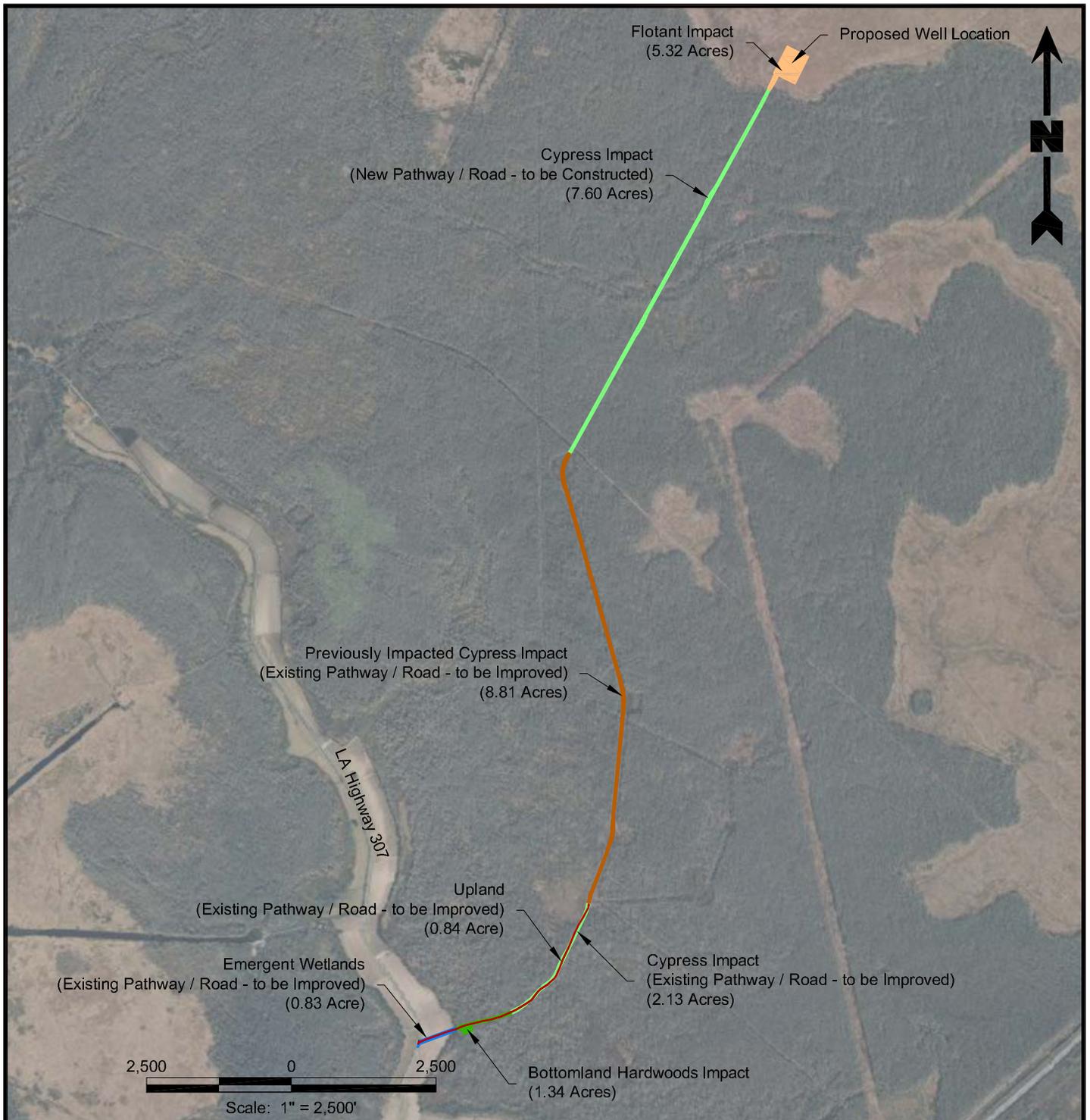
**Site Plan
(Culvert Locations)**

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



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|----------------|-----|---------------------|
| Drawn By | LMM | 04/26/23 |
| Checked By | LMH | 04/26/23 |
| Approved By | TCK | 04/26/23 |
| Project Number | | 3b Figure |
| 1429-002 | | |
| Drawing Number | | |
| 1429-002-A137 | | |



Legend

- Bottomland Hardwoods Impact
- Cypress Impact
- Emergent Wetlands
- Flotant Impact
- Previously Impacted Cypress Impact
- Upland

Reference

Base map comprised of Bing Maps aerial imagery from (c) 2022 Microsoft Corporation and its data suppliers, exported 12/06/22.

**Site Plan
(Habitat Classification)**

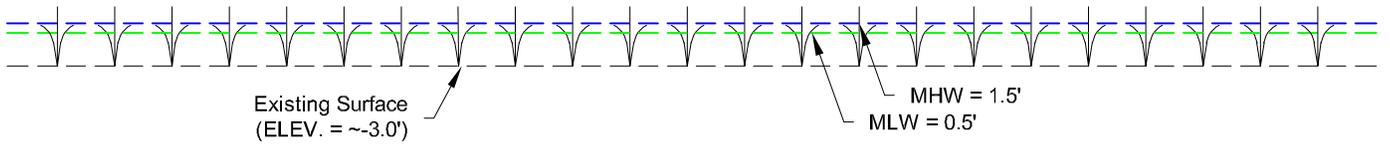
Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



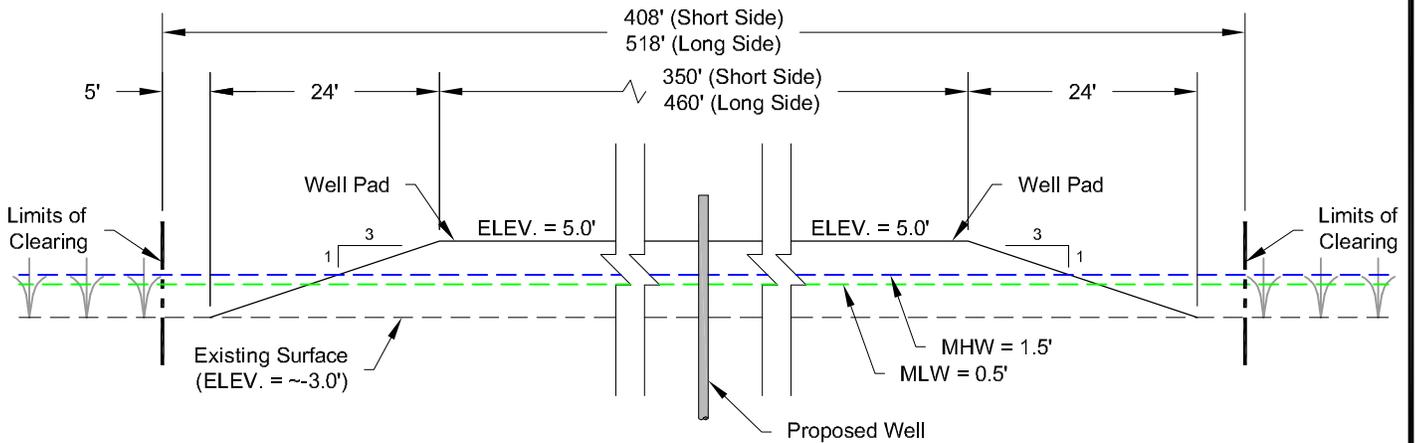
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| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | TCK | 04/12/23 |

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|---------------------------------|--------------------|
| Project Number 1429-002 | 4 Figure |
| Drawing Number 1429-002-A067 | |



Existing (Flotant)

Not to Scale



Well Pad Typical Section (Flotant)

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

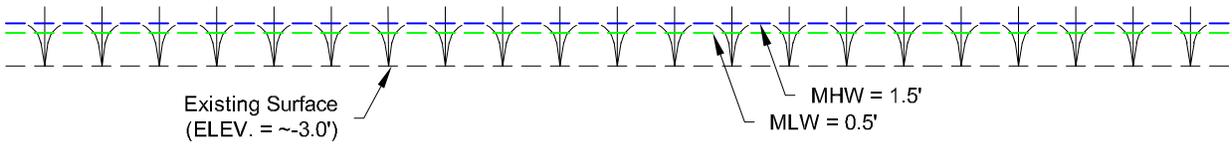
Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

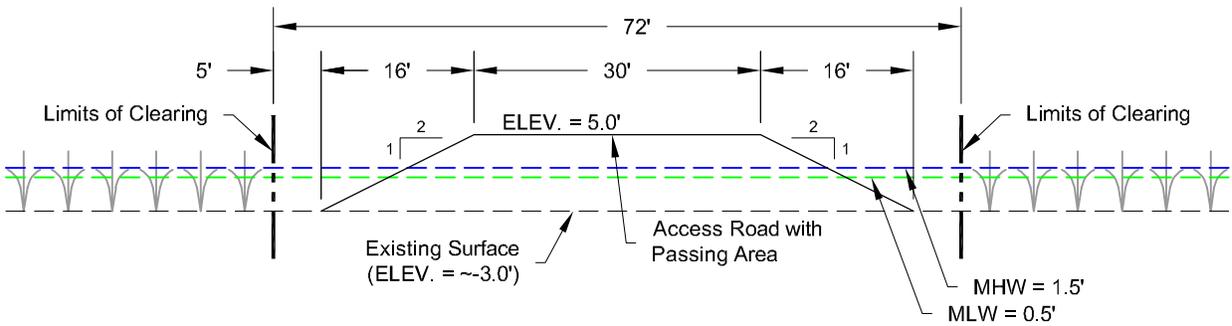
Project Roux

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|  | Drawn By | LMH | 04/12/23 |
| | Checked By | LMH | 04/12/23 |
| | Approved By | TCK | 04/12/23 |
| Project Number | | 1429-002 | |
| Drawing Number | | 1429-002-A061 | |
| | | | 5 Figure |



Existing (Flotant)

Not to Scale



Access Road with Passing Area Typical Section (Flotant)

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

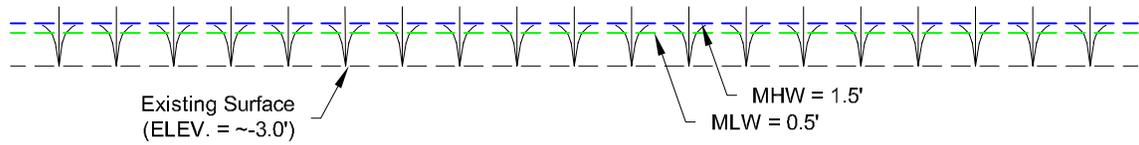
Project Roux



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|-------------|-----|----------|
| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | TCK | 04/12/23 |

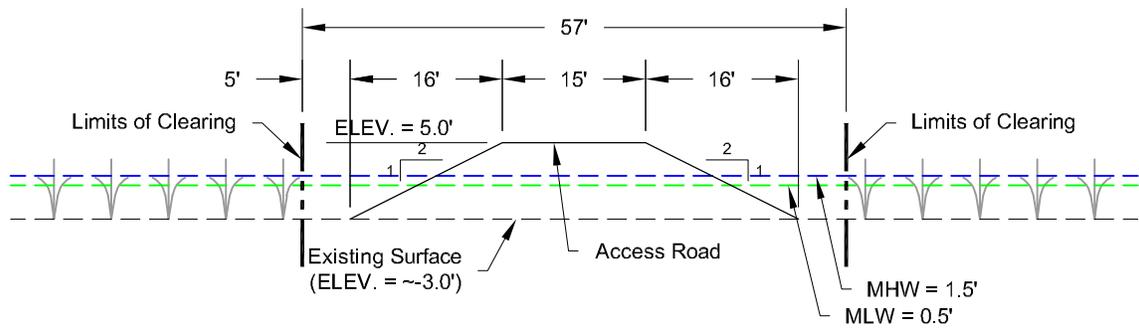
Project Number
1429-002
Drawing Number
1429-002-A062

6
Figure



Existing (Flotant)

Not to Scale



Access Road Typical Section (Flotant)

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

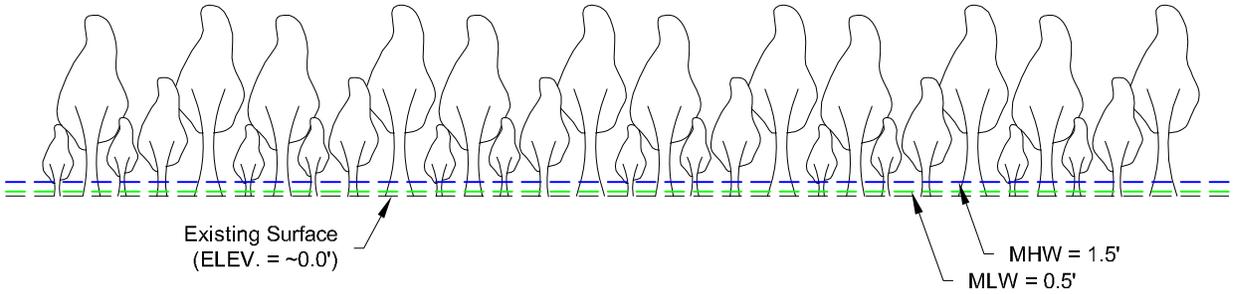
Project Roux



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| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | TCK | 04/12/23 |

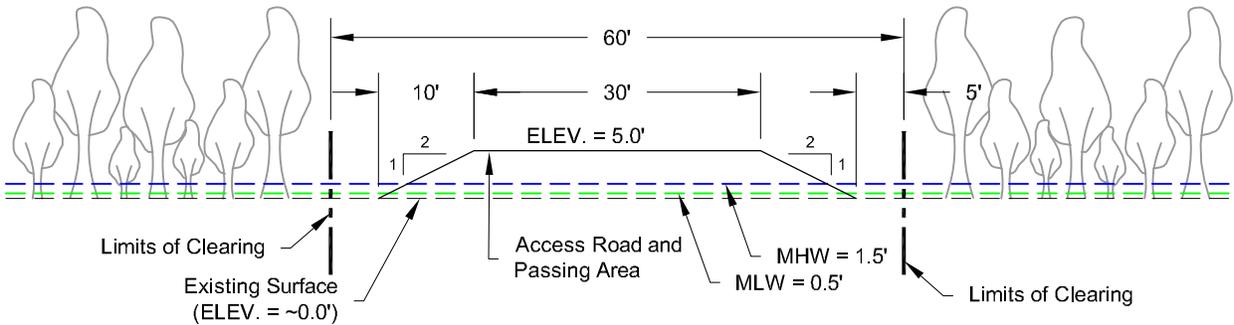
Project Number
1429-002
Drawing Number
1429-002-A063

7
Figure



**Existing (Bottomland
Hardwoods, Cypress,
Previously Impacted Cypress,
and Upland)**

Not to Scale



**Access Road with Passing
Area Typical Section
(Bottomland Hardwoods,
Cypress, Previously Impacted
Cypress, and Upland)**

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

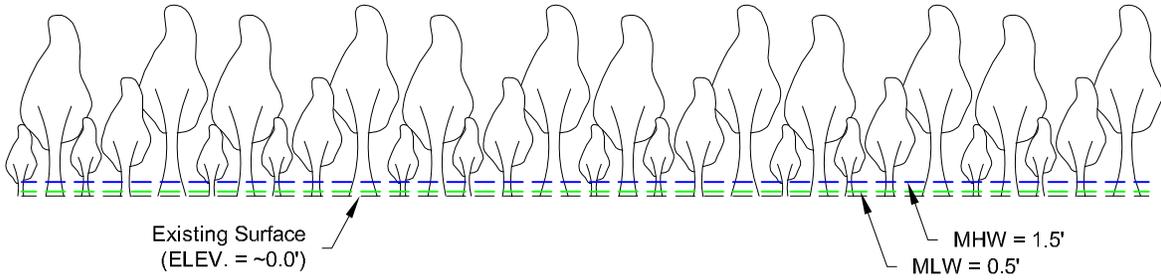
Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

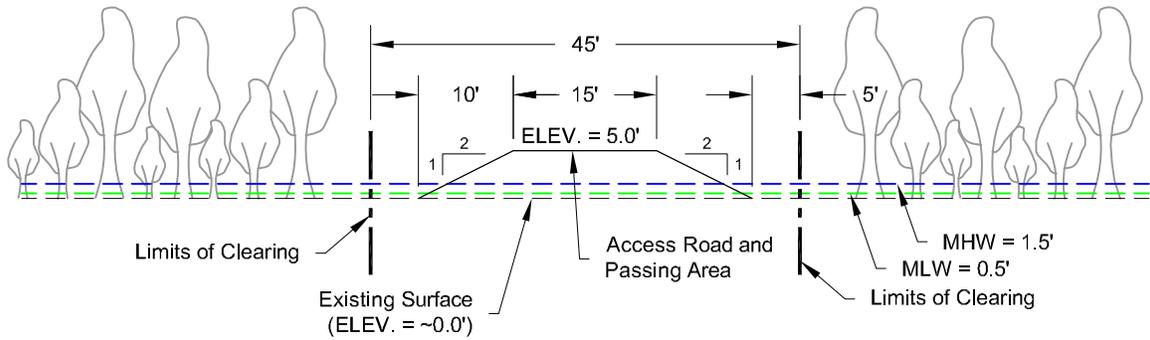
Project Roux

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|  | Drawn By | LMH | 04/12/23 |
| | Checked By | LMH | 04/12/23 |
| | Approved By | TCK | 04/12/23 |
| Project Number | | 1429-002 | |
| Drawing Number | | 1429-002-A064 | |
| | | | 8 Figure |



**Existing (Bottomland
Hardwoods, Cypress,
Previously Impacted Cypress,
and Upland)**

Not to Scale



**Access Road Typical Section
(Bottomland Hardwoods,
Cypress, Previously Impacted
Cypress, and Upland)**

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

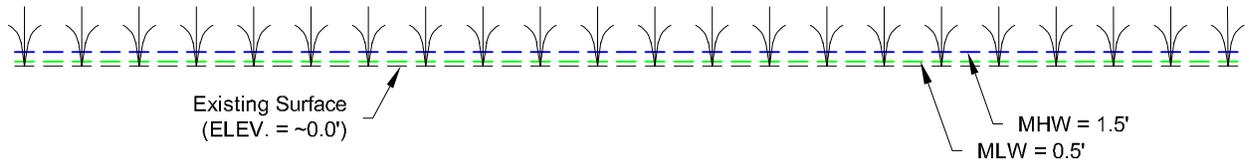
ConocoPhillips Company
Project Roux



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| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | TCK | 04/12/23 |

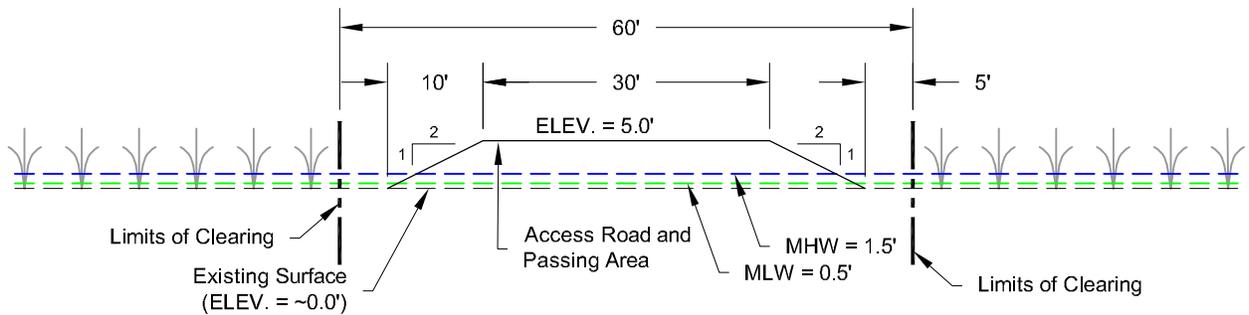
Project Number
1429-002
Drawing Number
1429-002-A065

9
Figure



**Existing
(Emergent Wetlands)**

Not to Scale



**Access Road with Passing
Area Typical Section
(Emergent Wetlands)**

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

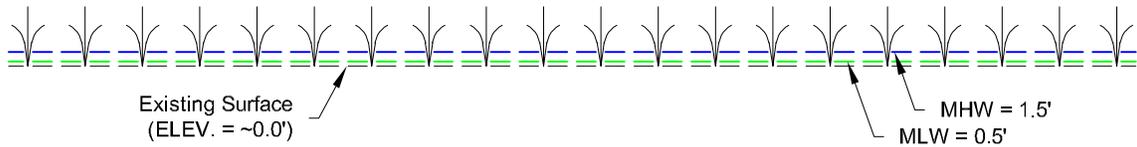
Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

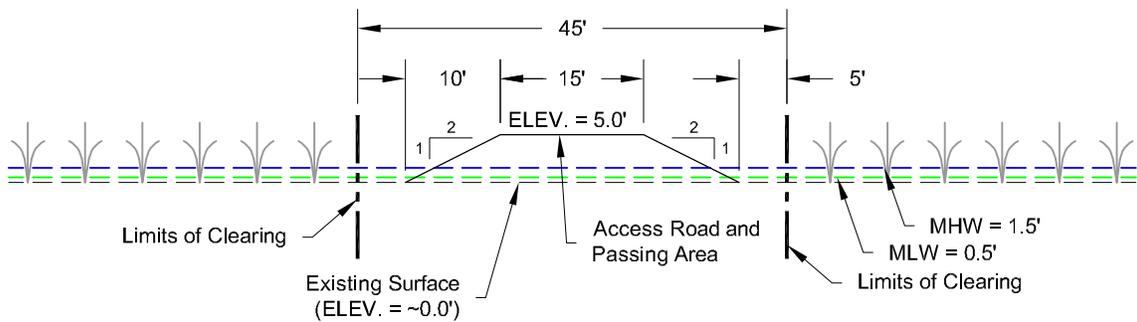
Project Roux

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| | Drawn By | LMH | 04/12/23 |
| | Checked By | LMH | 04/12/23 |
| | Approved By | TCK | 04/12/23 |
| Project Number | | 1429-002 | |
| Drawing Number | | 1429-002-A143 | |
| | | | 10 Figure |



**Existing
(Emergent Wetlands)**

Not to Scale



**Access Road Typical Section
(Emergent Wetlands)**

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

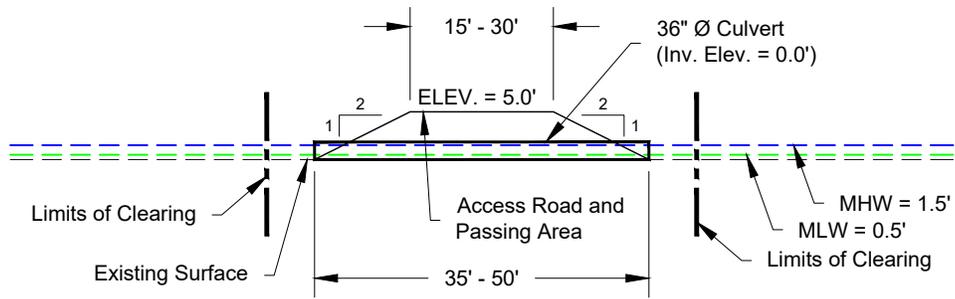
Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

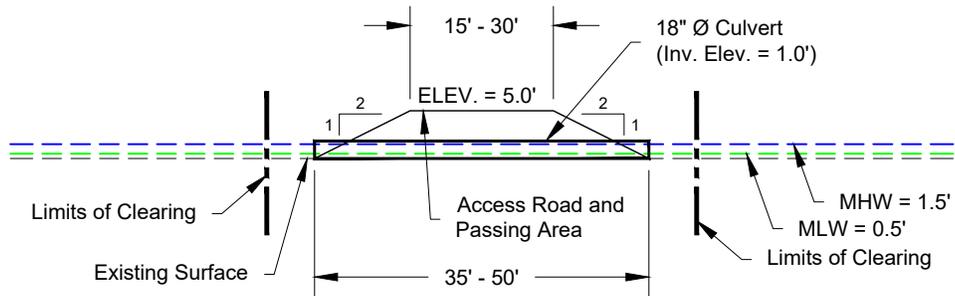
Project Roux

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|--|-------------|---------------|---------------------|
|  | Drawn By | LMH | 04/12/23 |
| | Checked By | LMH | 04/12/23 |
| | Approved By | TCK | 04/12/23 |
| Project Number | | 1429-002 | |
| Drawing Number | | 1429-002-A144 | |
| | | | 11 Figure |



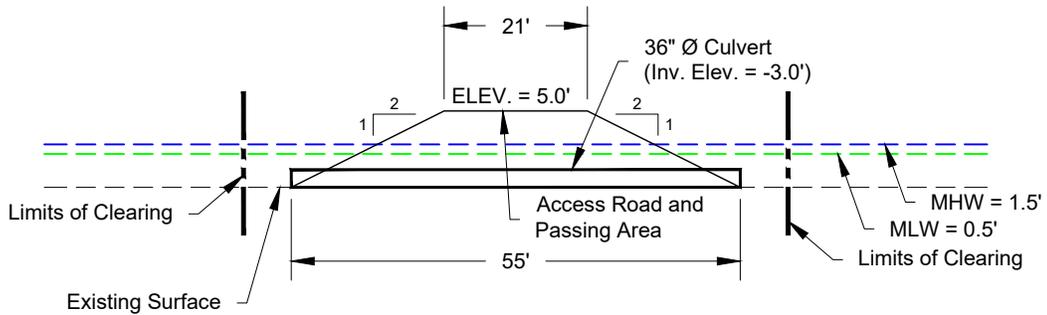
Typical Culvert Section

Not to Scale



Typical Culvert Section

Not to Scale



Typical Culvert Section

Not to Scale

Notes

1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

Typical Culvert Sections

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

Project Roux



| | | |
|-------------|-----|----------|
| Drawn By | LMM | 04/26/23 |
| Checked By | LMH | 04/26/23 |
| Approved By | GJL | 04/26/23 |

Project Number
1429-002
Drawing Number
1429-002-A066

12
Figure

| Culvert | Latitude | Longitude | Invert Elevation (NAVD88) | Slope |
|---------|------------------|------------------|---------------------------|-------|
| 1 | 29° 46' 46.07" N | 90° 33' 43.46" W | 0.00' | 0.00% |
| 2 | 29° 46' 48.00" N | 90° 33' 35.28" W | 1.00' | 0.00% |
| 3 | 29° 46' 49.19" N | 90° 33' 31.86" W | 1.00' | 0.00% |
| 4 | 29° 47' 13.06" N | 90° 33' 14.83" W | 1.00' | 0.00% |
| 5 | 29° 47' 20.60" N | 90° 33' 12.16" W | 1.00' | 0.00% |
| 6 | 29° 47' 38.35" N | 90° 33' 10.29" W | 0.00' | 0.00% |
| 7 | 29° 47' 53.39" N | 90° 33' 13.11" W | 1.00' | 0.00% |
| 8 | 29° 47' 56.57" N | 90° 33' 14.12" W | 1.00' | 0.00% |
| 9 | 29° 47' 57.98" N | 90° 33' 14.56" W | 1.00' | 0.00% |
| 10 | 29° 47' 58.51" N | 90° 33' 14.73" W | 1.00' | 0.00% |
| 11 | 29° 48' 05.85" N | 90° 33' 17.05" W | 1.00' | 0.00% |
| 12 | 29° 48' 07.70" N | 90° 33' 17.64" W | 1.00' | 0.00% |
| 13 | 29° 48' 09.97" N | 90° 33' 18.36" W | 0.00' | 0.00% |
| 14 | 29° 48' 12.60" N | 90° 33' 19.19" W | 1.00' | 0.00% |
| 15 | 29° 48' 20.72" N | 90° 33' 21.60" W | 1.00' | 0.00% |
| 16 | 29° 48' 25.20" N | 90° 33' 19.68" W | 0.00' | 0.00% |
| 17 | 29° 48' 33.82" N | 90° 33' 14.17" W | 1.00' | 0.00% |
| 18 | 29° 48' 42.57" N | 90° 33' 08.56" W | 1.00' | 0.00% |
| 19 | 29° 48' 51.51" N | 90° 33' 02.84" W | 0.00' | 0.00% |
| 20 | 29° 48' 59.81" N | 90° 32' 57.52" W | 1.00' | 0.00% |
| 21 | 29° 49' 08.30" N | 90° 32' 52.09" W | 1.00' | 0.00% |
| 22 | 29° 49' 16.79" N | 90° 32' 46.65" W | 1.00' | 0.00% |
| 23 | 29° 49' 27.12" N | 90° 32' 40.20" W | -3.00' | 0.00% |

Note

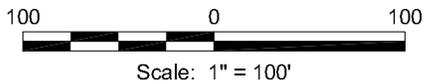
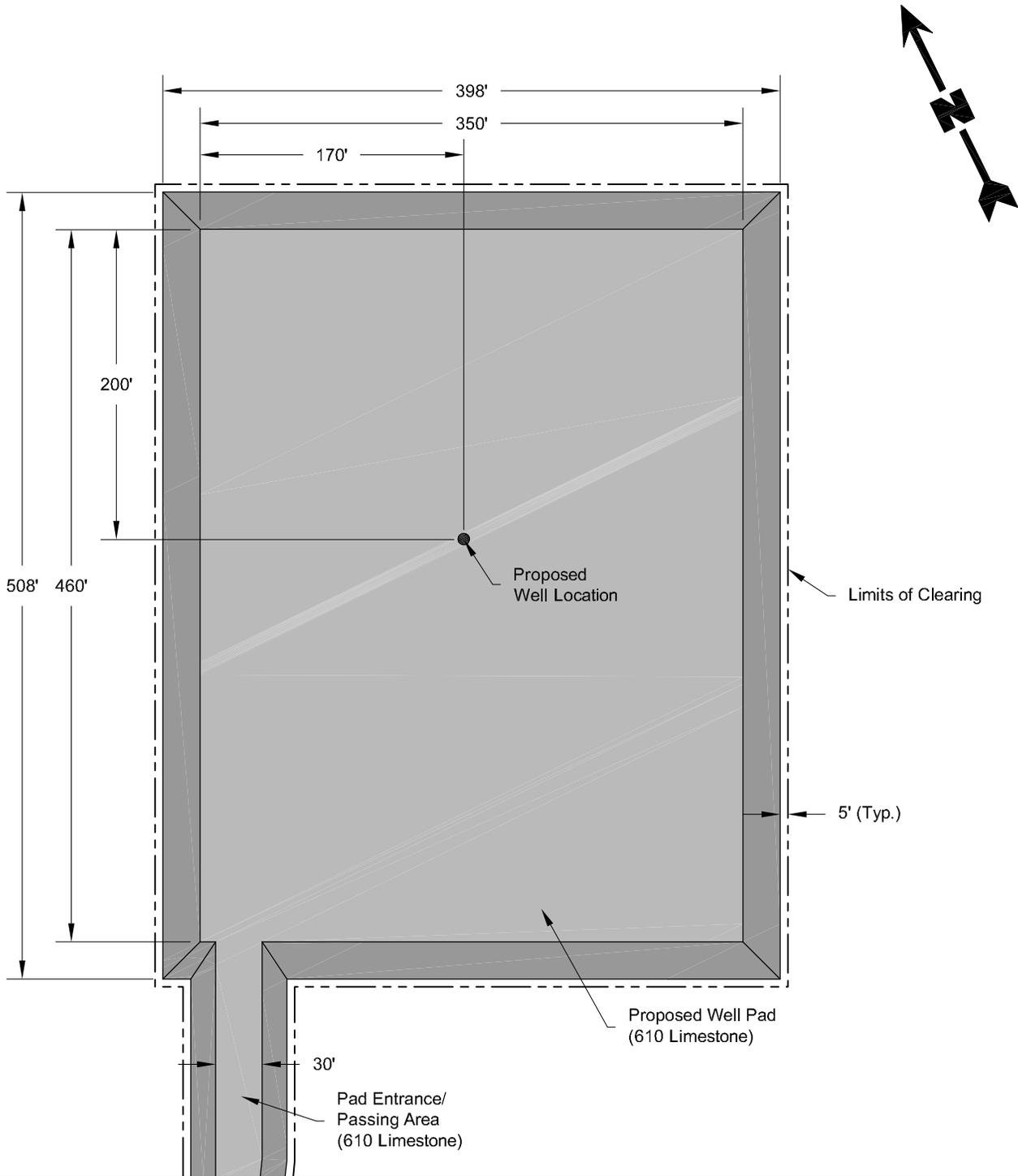
All coordinates shown are referenced to geographic coordinate system (NAD83).

Culvert Locations

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux

| | | | |
|--|-------------|---------------|---------------------|
|  | Drawn By | LMM | 04/26/23 |
| | Checked By | LMH | 04/26/23 |
| | Approved By | GJL | 04/26/23 |
| Project Number | | 1429-002 | |
| Drawing Number | | 1429-002-A098 | |
| | | | 13 Figure |



Proposed Well Pad Plan View

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



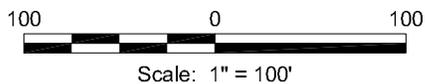
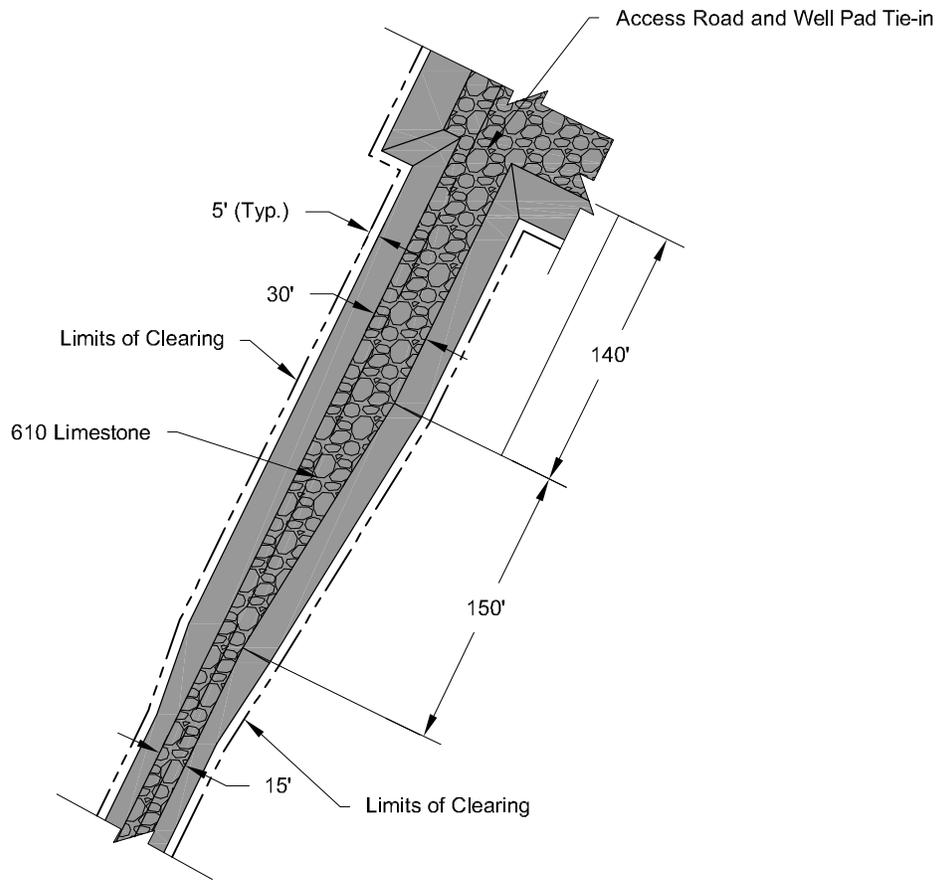
PROVIDENCE

| | | |
|-------------|-----|----------|
| Drawn By | LMH | 03/08/23 |
| Checked By | LMH | 03/08/23 |
| Approved By | GJL | 03/08/23 |

Project Number
1429-002

Drawing Number
1429-002-A130

14
Figure



Flotant Passing Area Plan View

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux

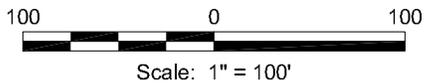
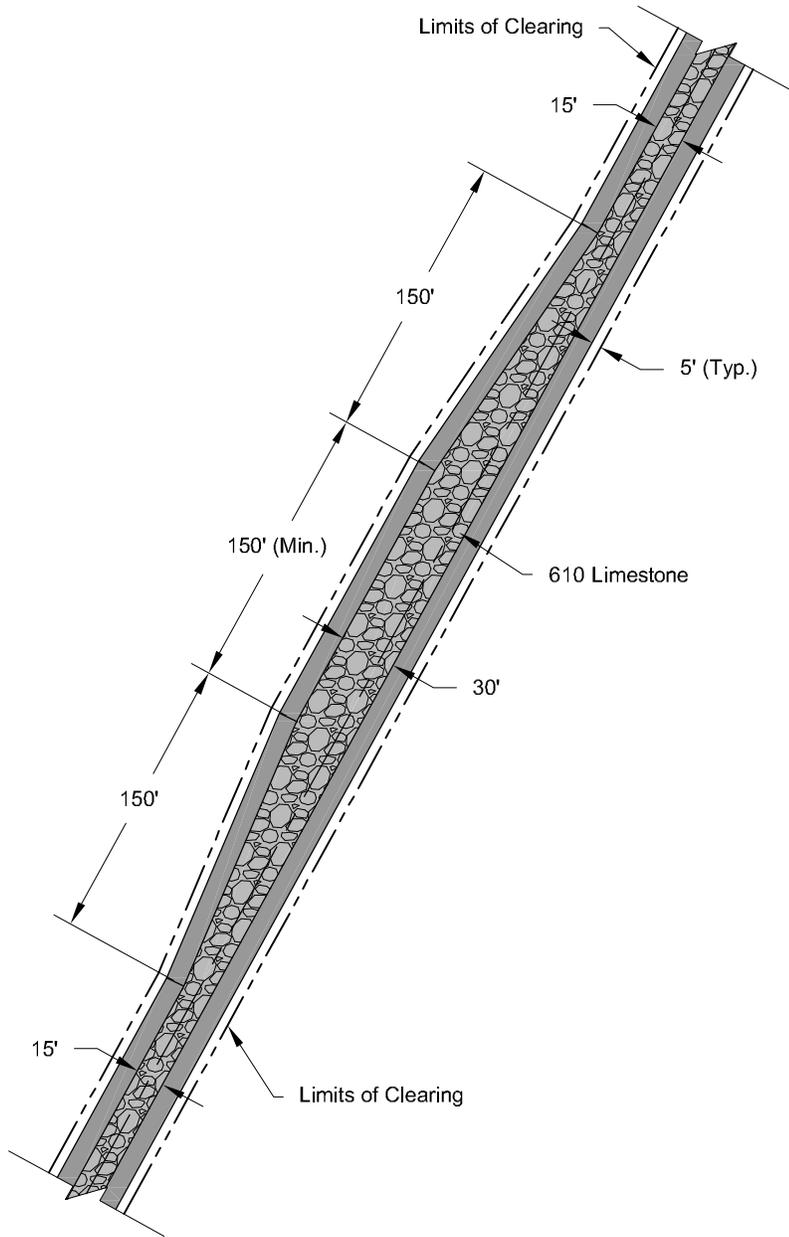


PROVIDENCE

| | | |
|-------------|-----|----------|
| Drawn By | LMH | 03/21/23 |
| Checked By | LMH | 03/21/23 |
| Approved By | GJL | 03/21/23 |

Project Number
1429-002
Drawing Number
1429-002-A138

15
Figure



**Passing Area Typical Plan View
(Bottomland Hardwood
and Cypress)**

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux

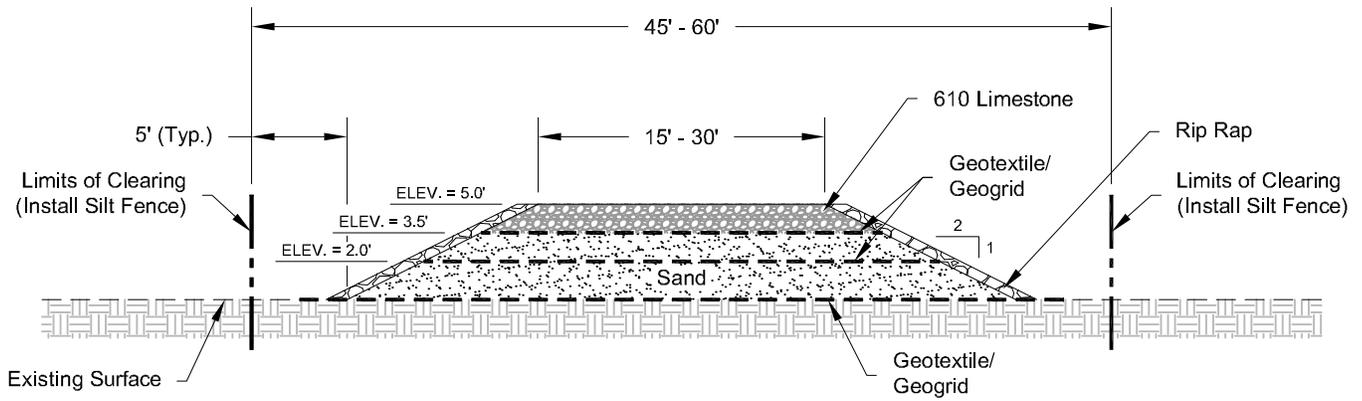


PROVIDENCE

| | | |
|-------------|-----|----------|
| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | GJL | 04/12/23 |

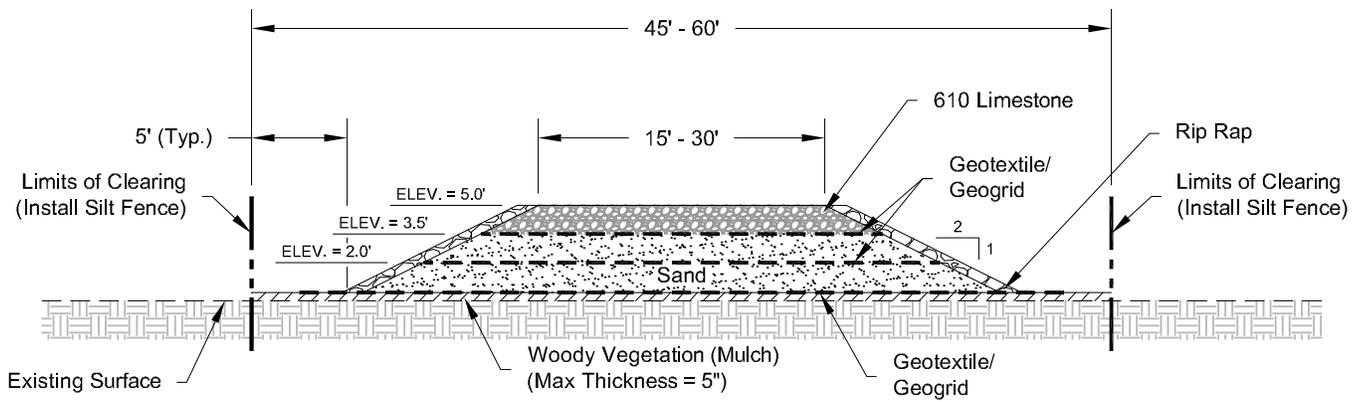
Project Number
1429-002
Drawing Number
1429-002-A131

16
Figure



**Access Road Detail
(Upland Area, Bottomland
Hardwoods Area, Emergent
Wetlands, and Flotant Area)**

Not to Scale



**Access Road Detail
(Cypress Area, and Previously
Impacted Cypress Area)**

Not to Scale

Details

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



| | | |
|-------------|-----|----------|
| Drawn By | LMH | 04/12/23 |
| Checked By | LMH | 04/12/23 |
| Approved By | GJL | 04/12/23 |

Project Number
1429-002
Drawing Number
1429-002-A135

17
Figure