

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

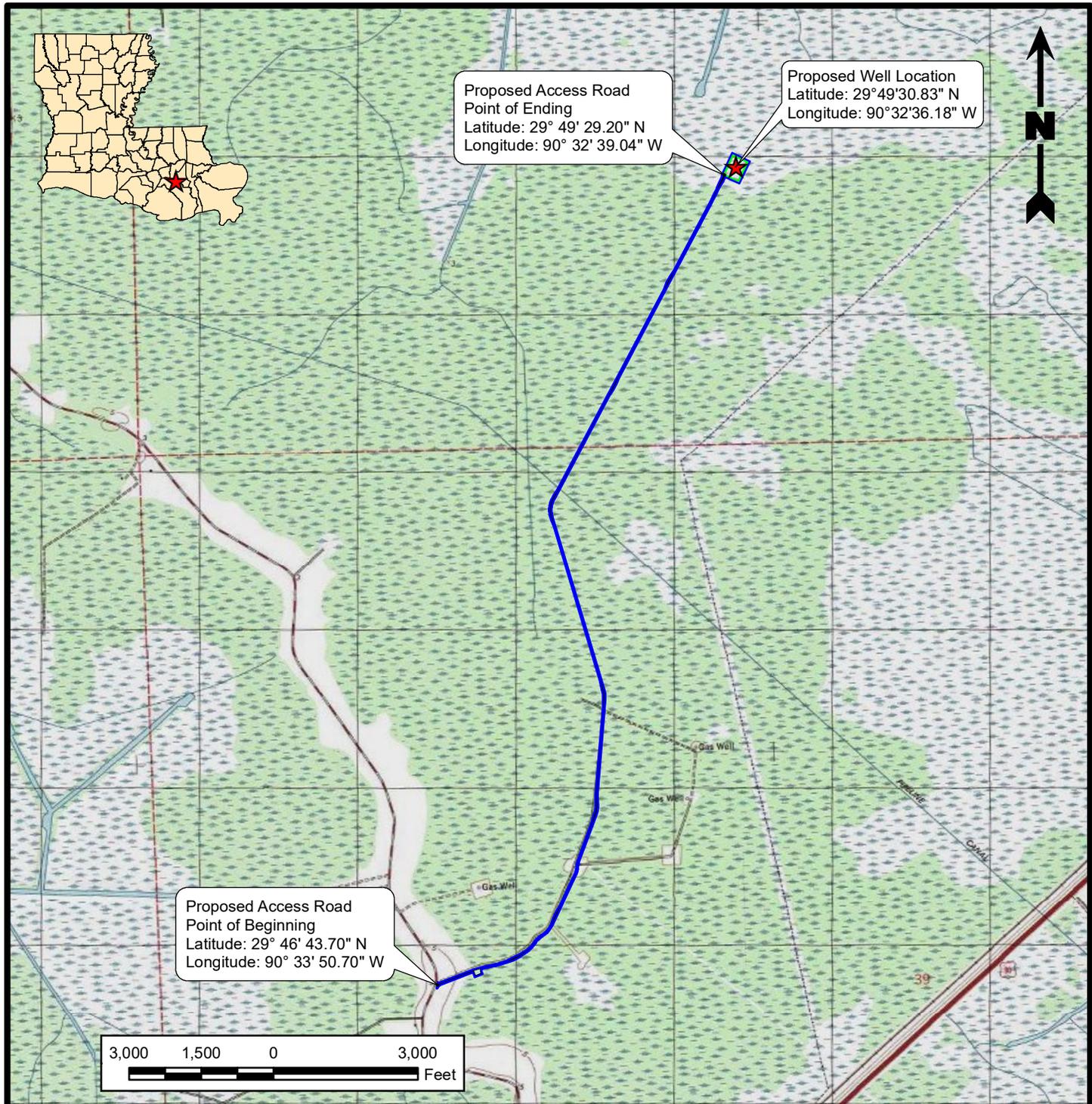
Joint Permit Application
 Lafourche Parish, Louisiana

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	1 Figure
Drawing Number 1429-002-A058	



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)

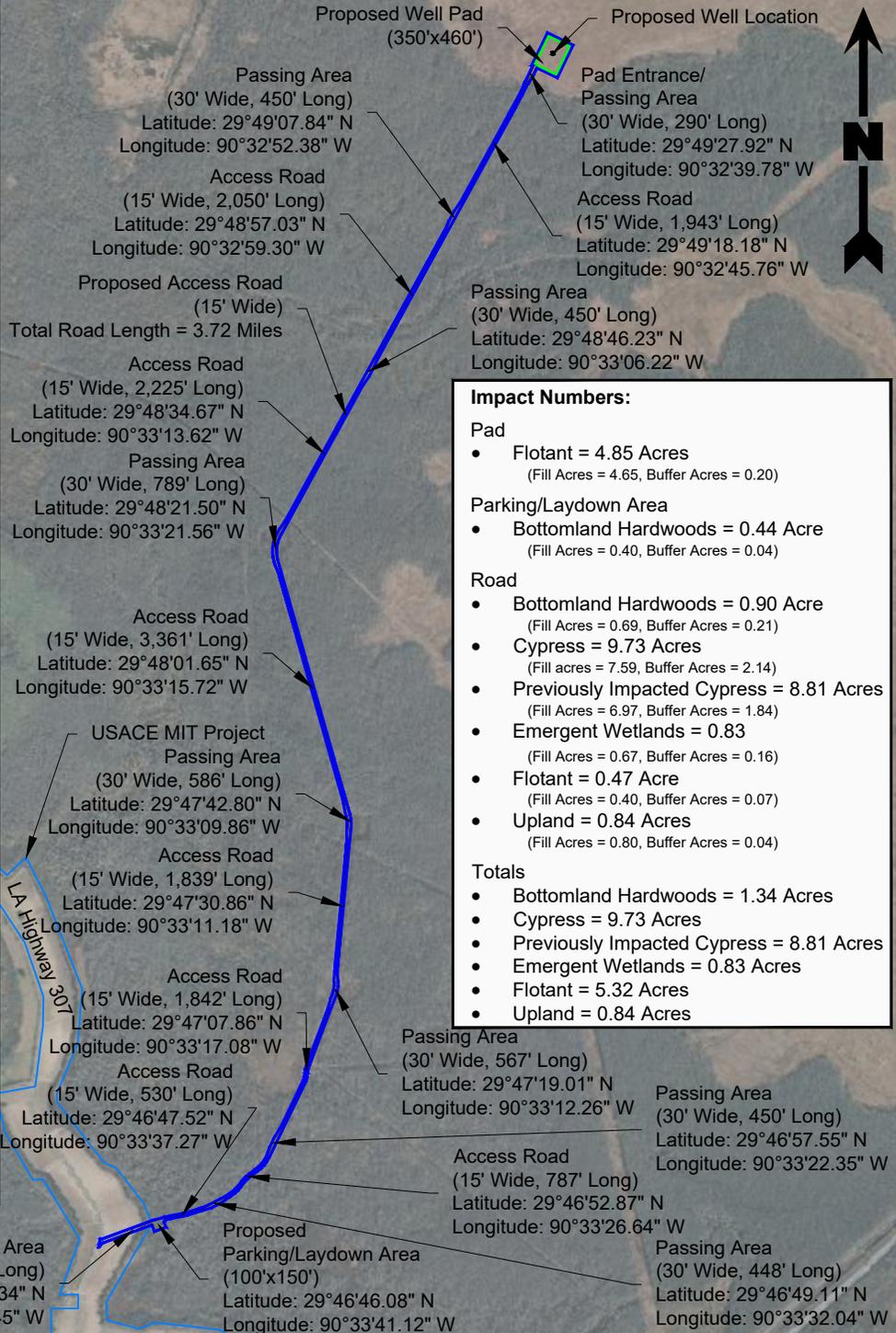
- 190 cu.yds. - Rip Rap
 - 3,167 cu.yds. - Sand
 - 476 cu.yds. - 610 Limestone
- Total = 3,833 cu.yds.

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.

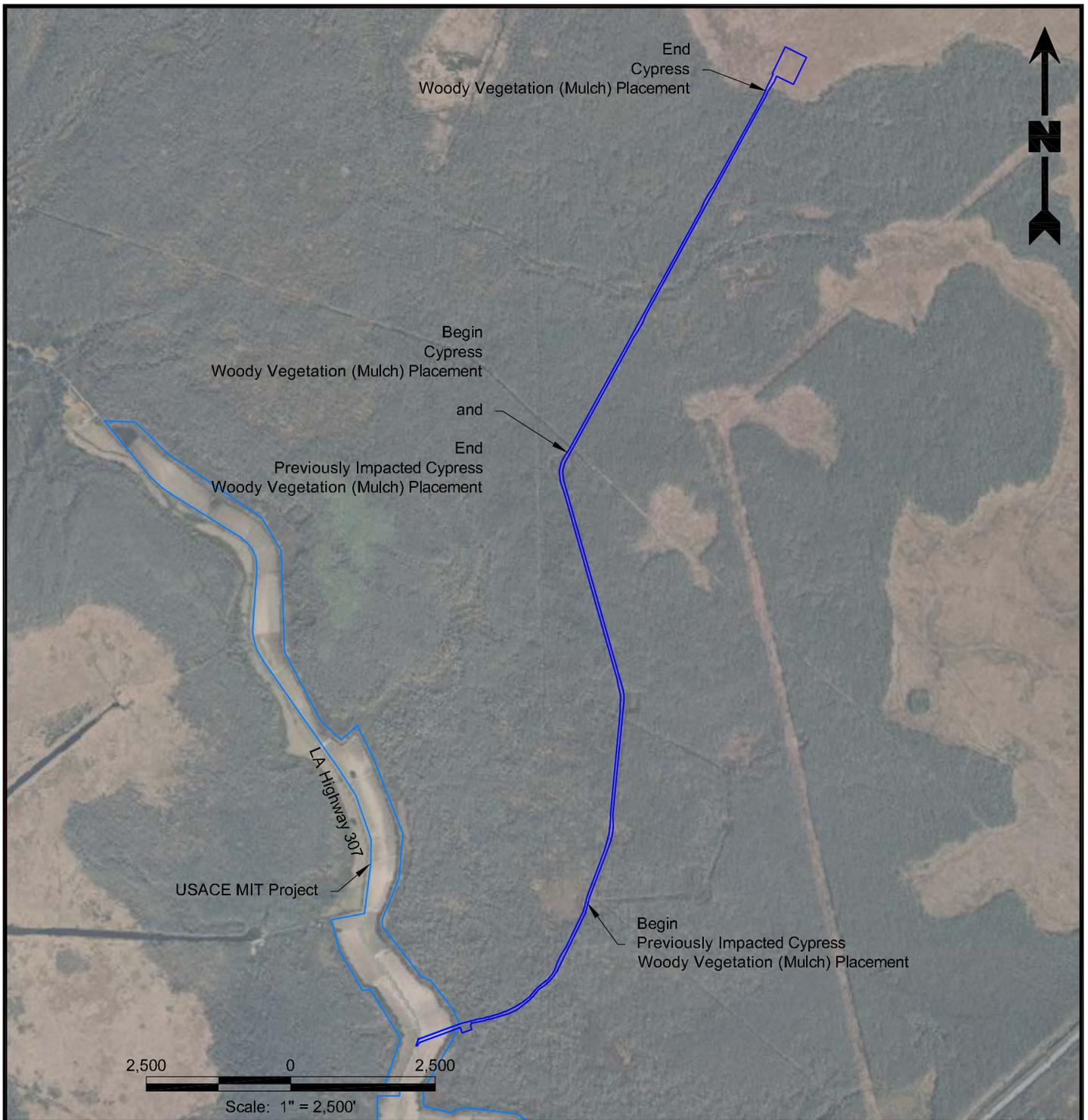
Site Plan

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		3 Figure
1429-002		
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.

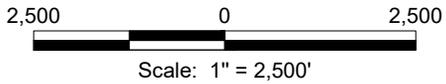
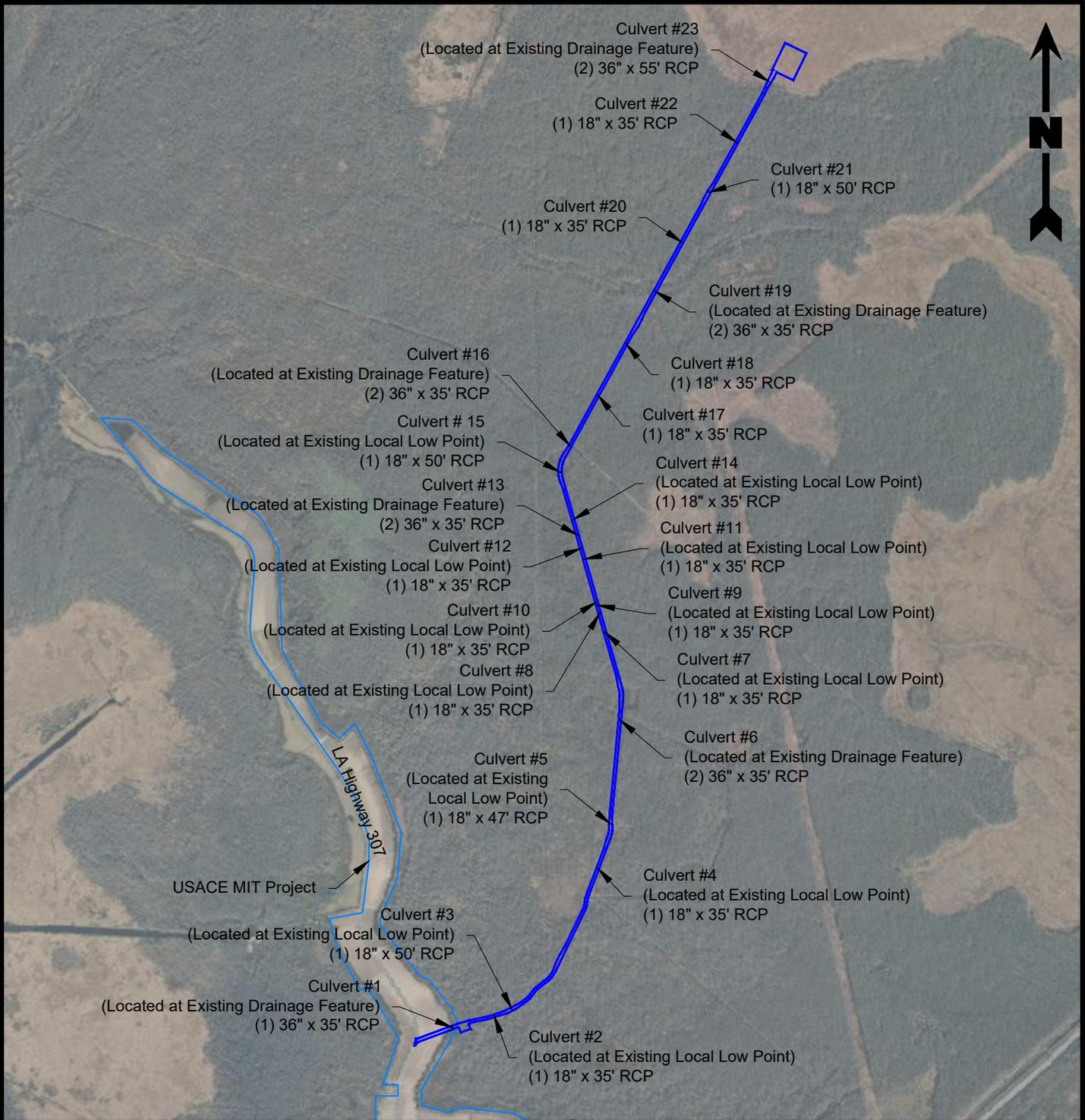
**Site Plan
(Woody Vegetation Mulch Placement)**

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		3a
1429-002		
Drawing Number		Figure
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)**

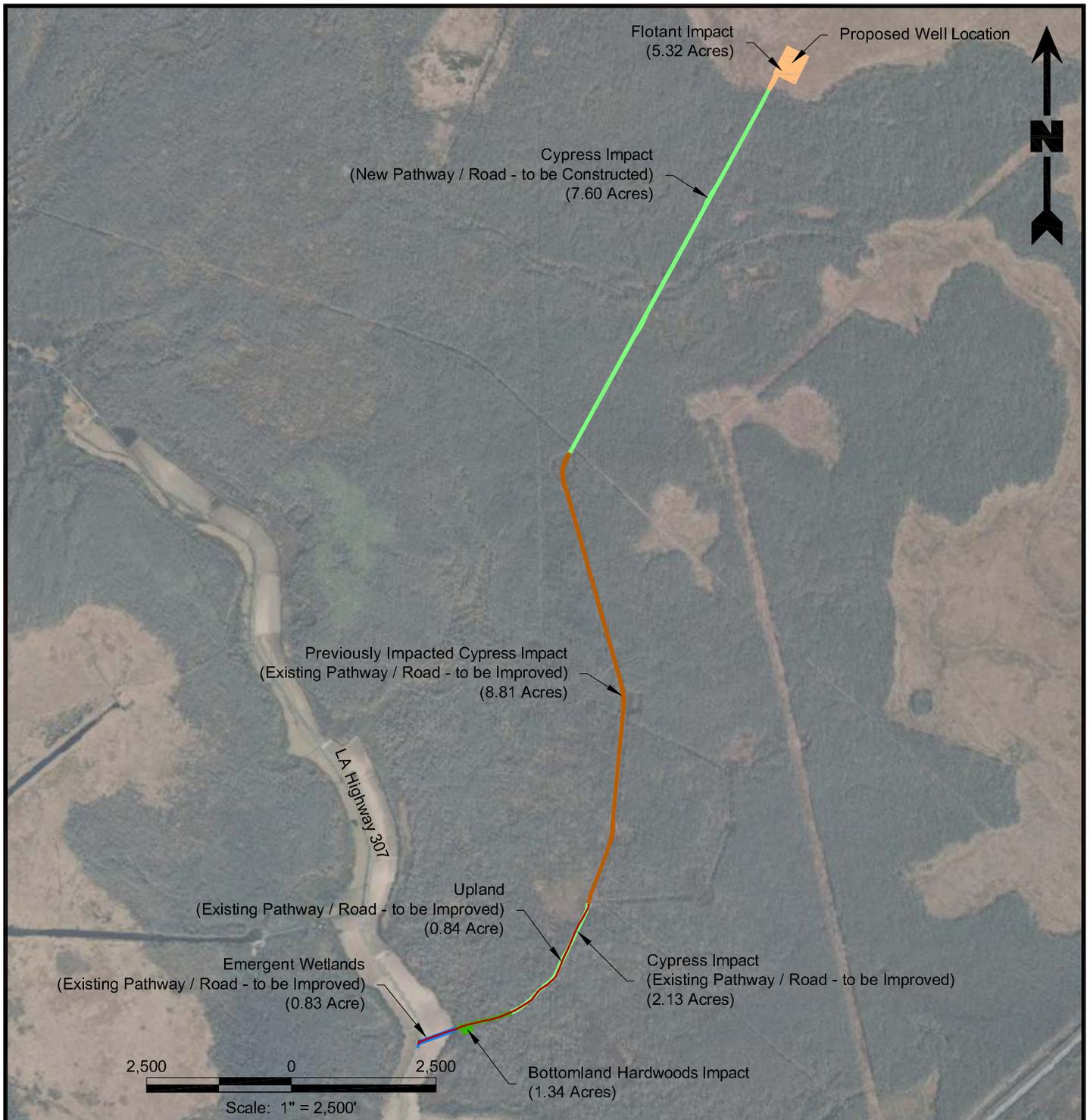
Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



Drawn By	LMM	04/26/23
Checked By	LMH	04/26/23
Approved By	TCK	04/26/23

Project Number 1429-002	3b
Drawing Number 1429-002-A137	
Figure	



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)**

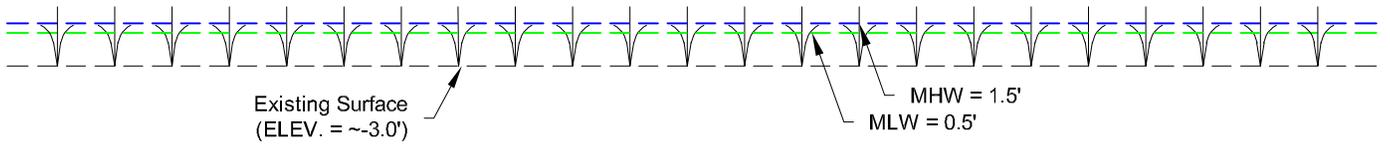
Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company
Project Roux



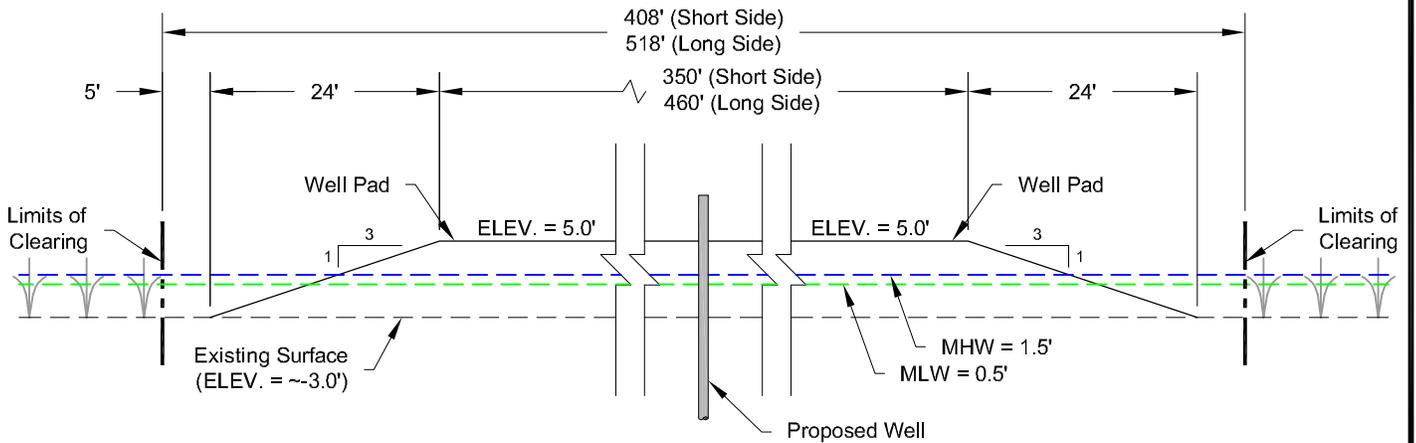
Drawn By	LMH	04/12/23
Checked By	LMH	04/12/23
Approved By	TCK	04/12/23

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

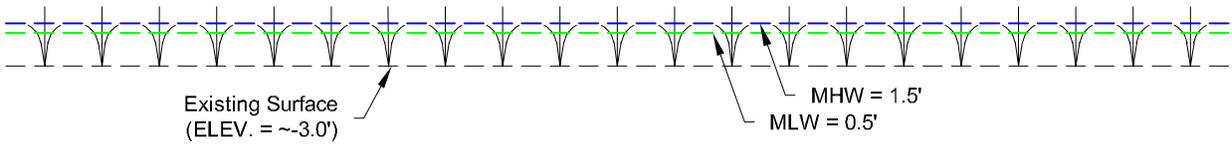
Project Roux



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

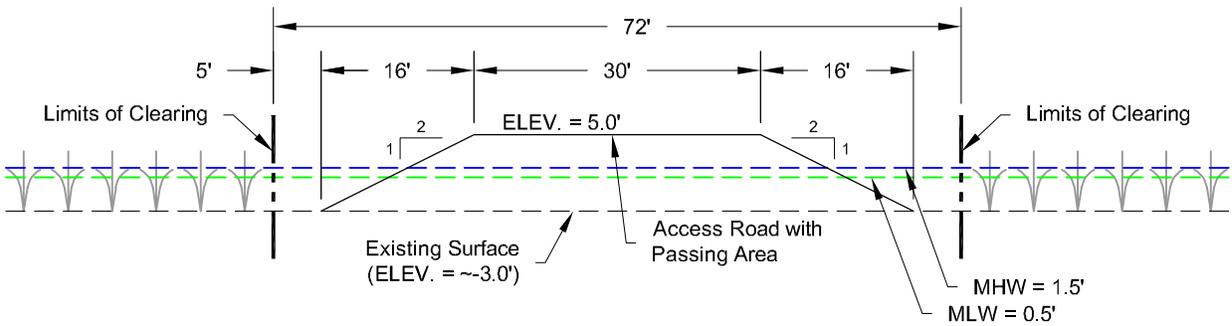
Project Number
1429-002
Drawing Number
1429-002-A061

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

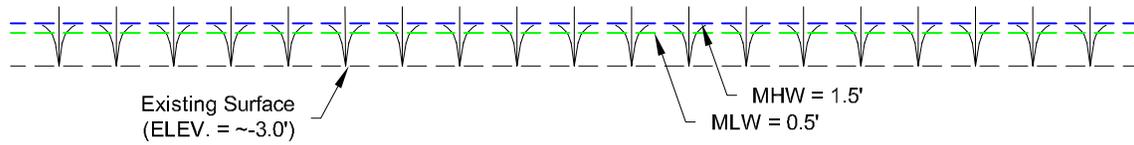
Project Roux



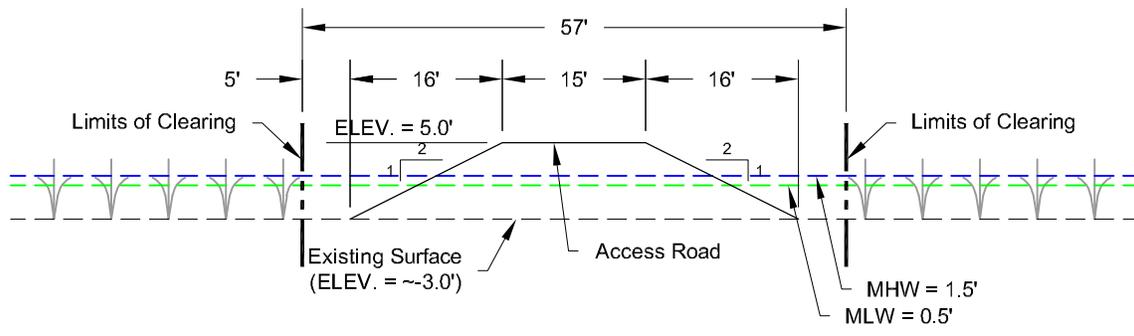
Drawn By	LMH	04/12/23
Checked By	LMH	04/12/23
Approved By	TCK	04/12/23

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

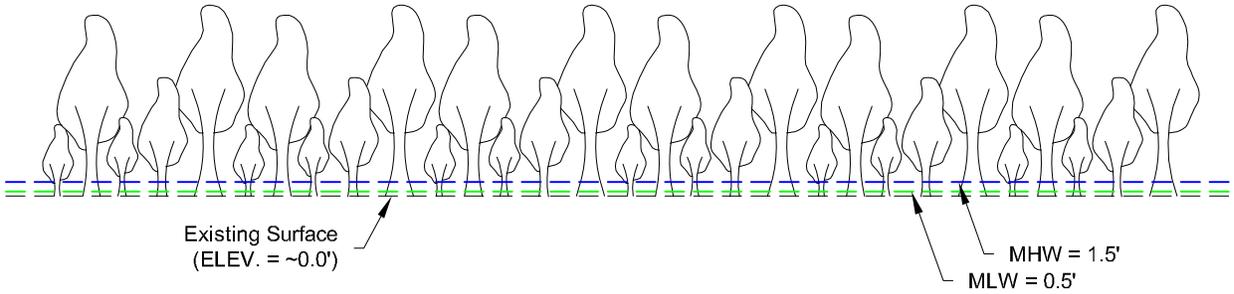
ConocoPhillips Company
Project Roux



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

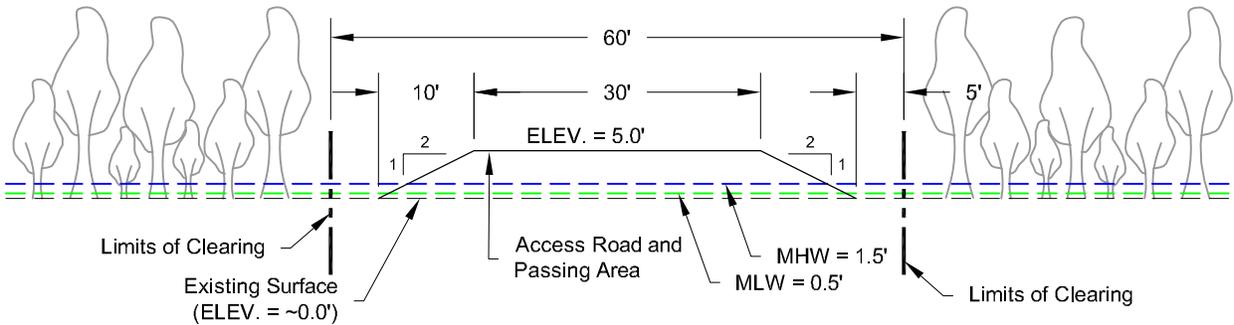
Project Number
1429-002
Drawing Number
1429-002-A063

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

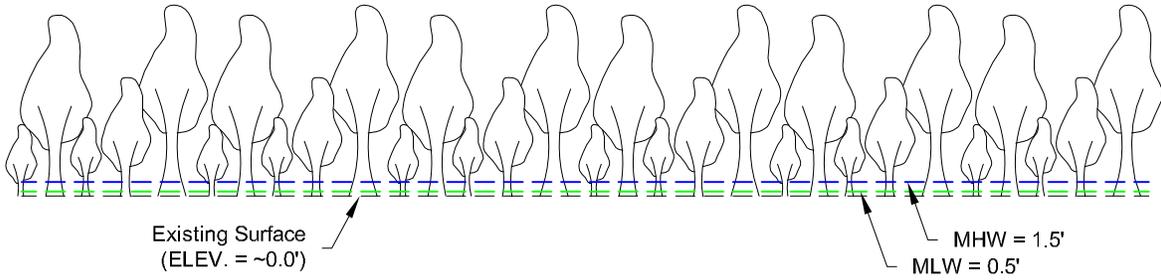
1. Elevations (ELEV.) are referenced to North American Vertical Datum 1988 (NAVD88).
2. Mean High Water (MHW) and Mean Low Water (MLW) are per United States Army Corps of Engineers (USACE).

Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

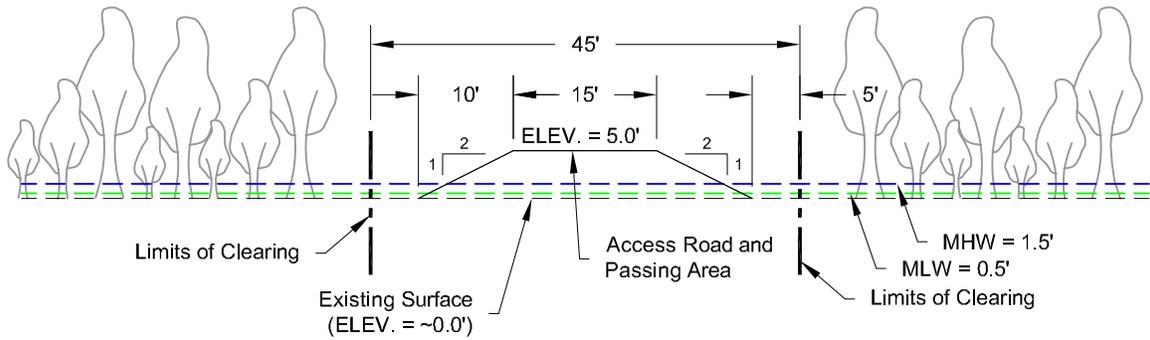
ConocoPhillips Company
Project Roux

	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

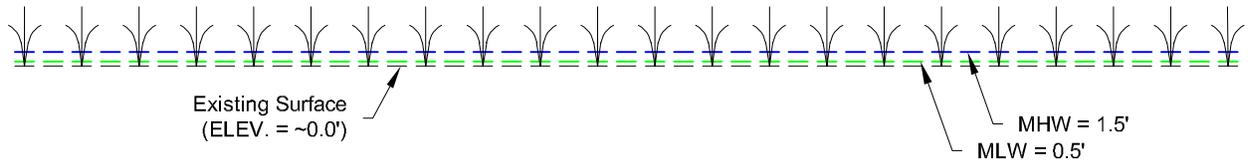
ConocoPhillips Company
Project Roux



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

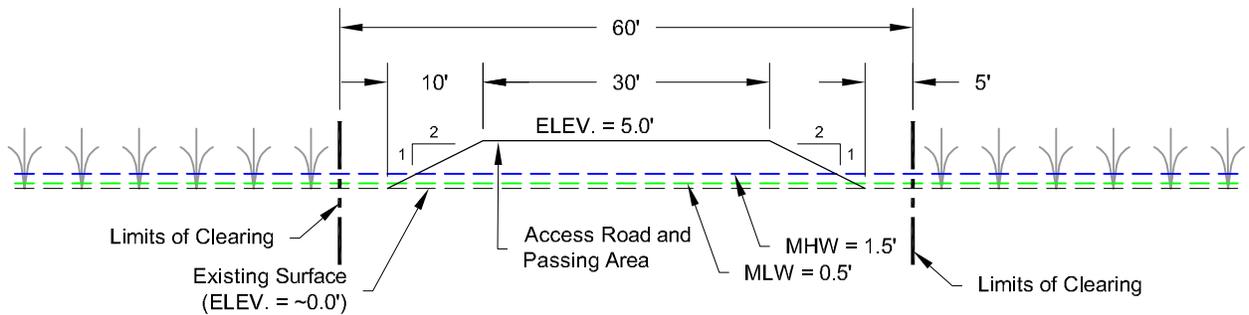
Project Number
1429-002
Drawing Number
1429-002-A065

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).

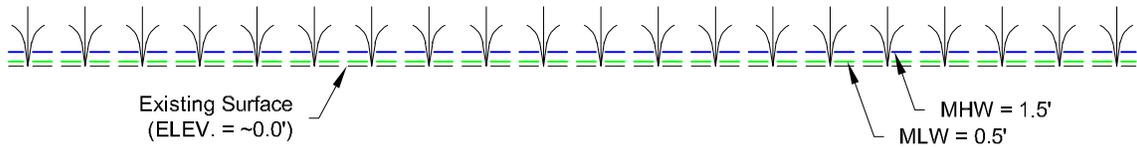
Typical Section

Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

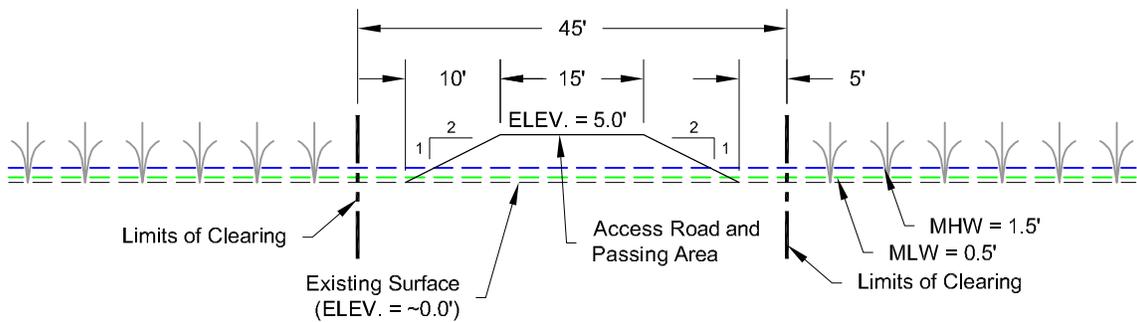
Project Roux

	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

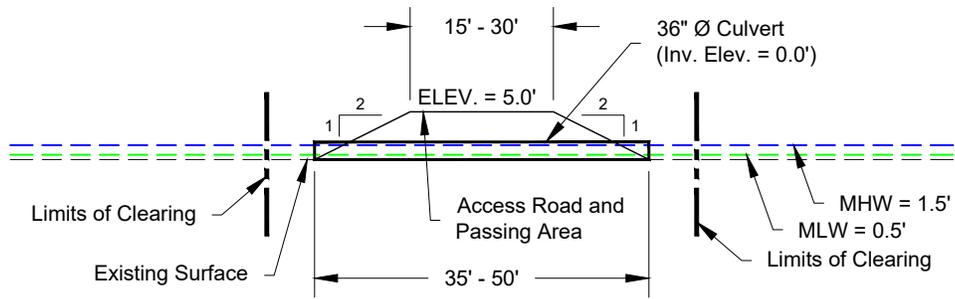
Joint Permit Application
Lafourche Parish, Louisiana

ConocoPhillips Company

Project Roux

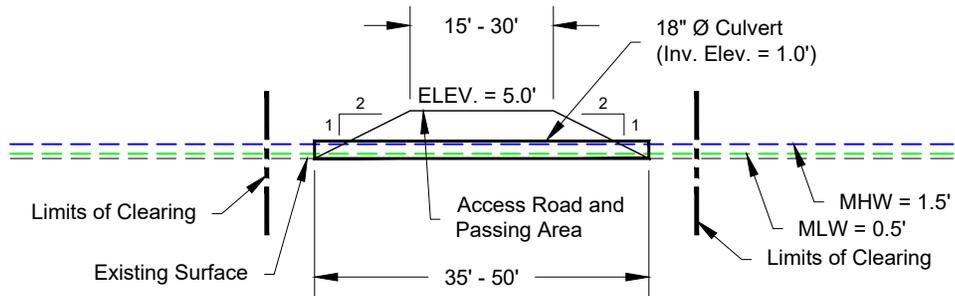
	Drawn By	LMH	04/12/23
	Checked By	LMH	04/12/23
	Approved By	TCK	04/12/23
Project Number		1429-002	
Drawing Number		1429-002-A144	

11
Figure



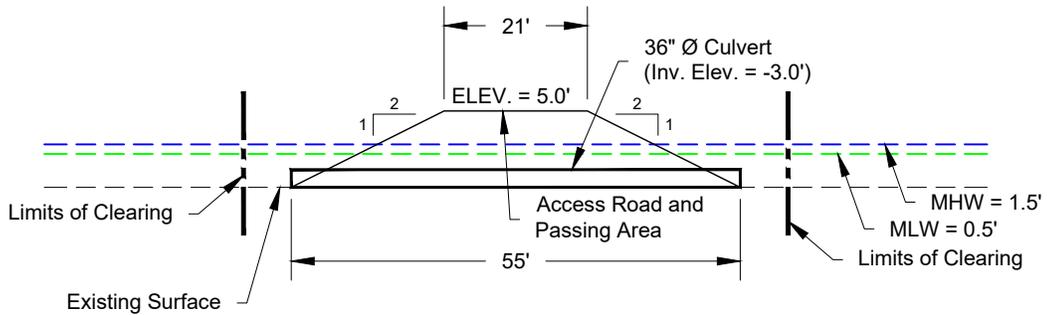
Typical Culvert Section

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

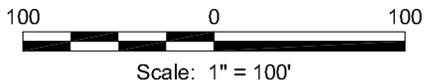
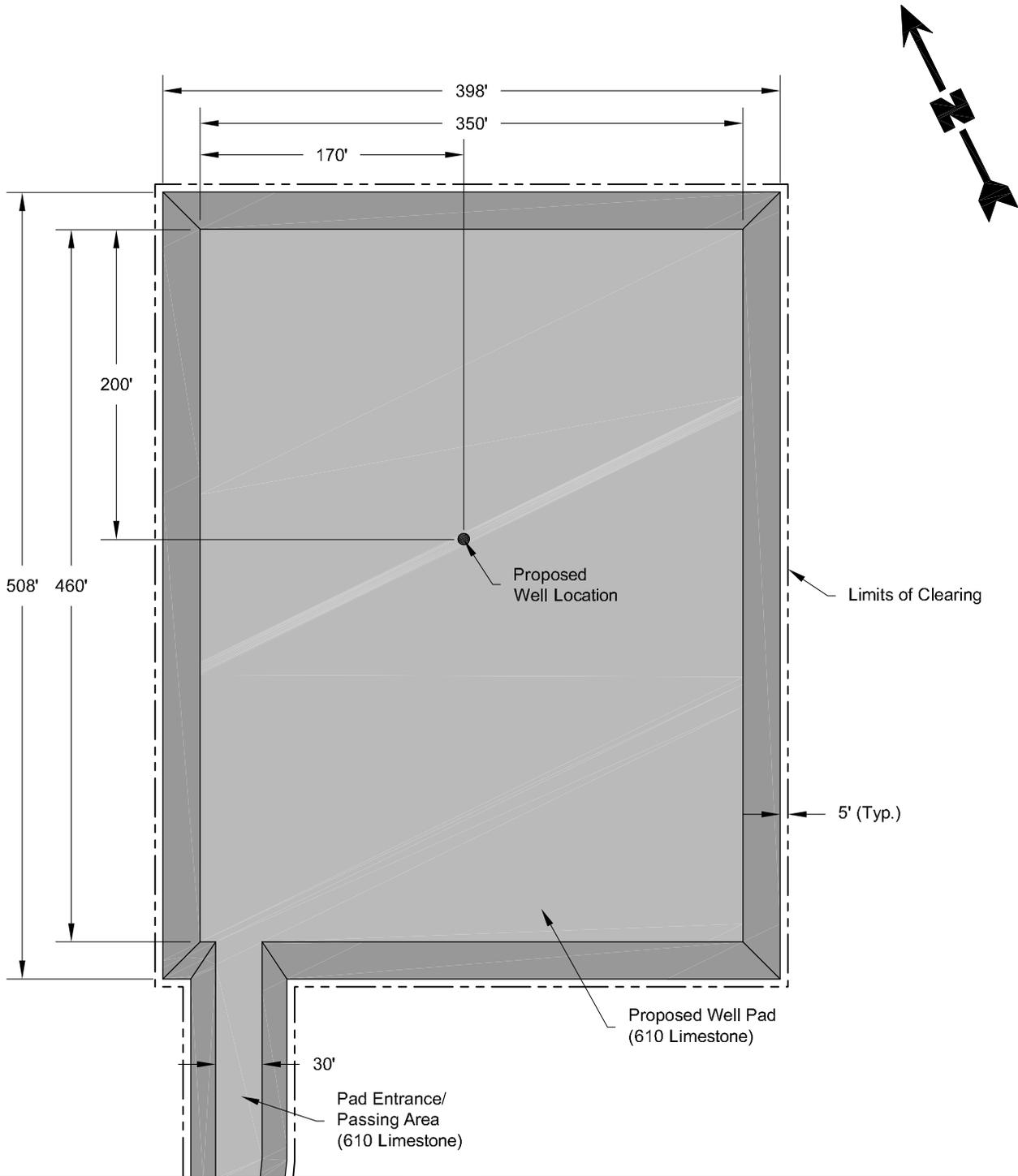
All coordinates shown are referenced to geographic coordinate system (NAD83).

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

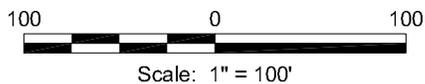
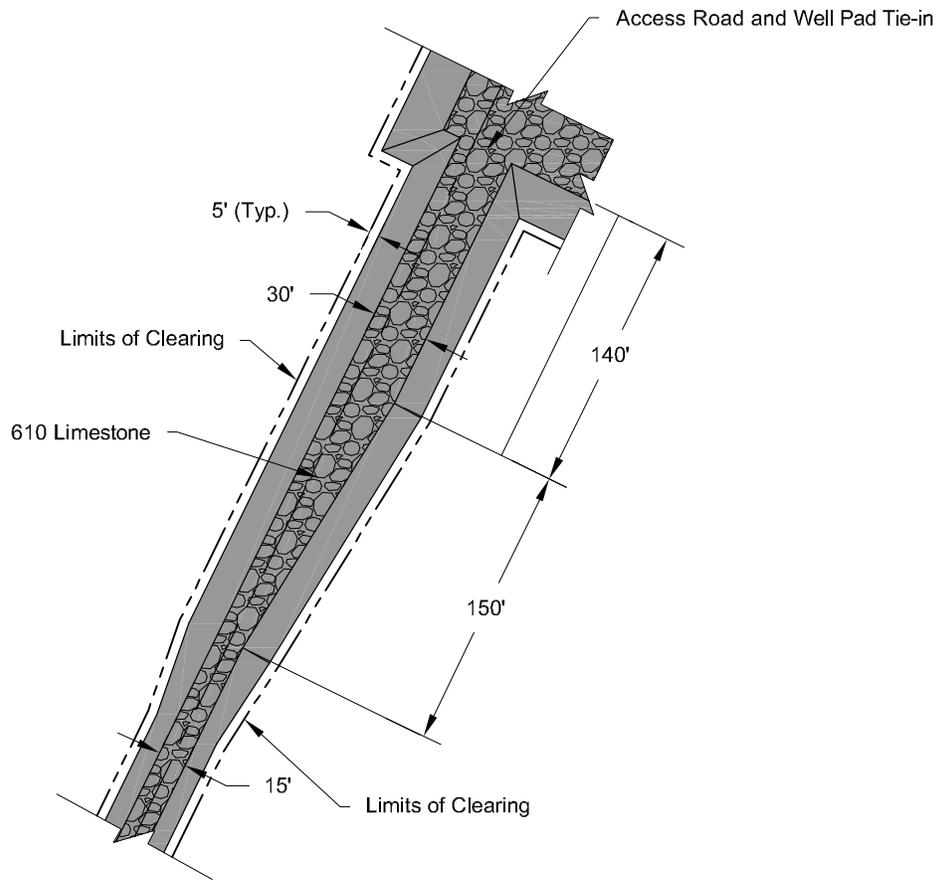


Drawn By	LMH	03/08/23
Checked By	LMH	03/08/23
Approved By	GJL	03/08/23

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

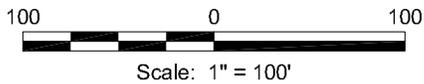
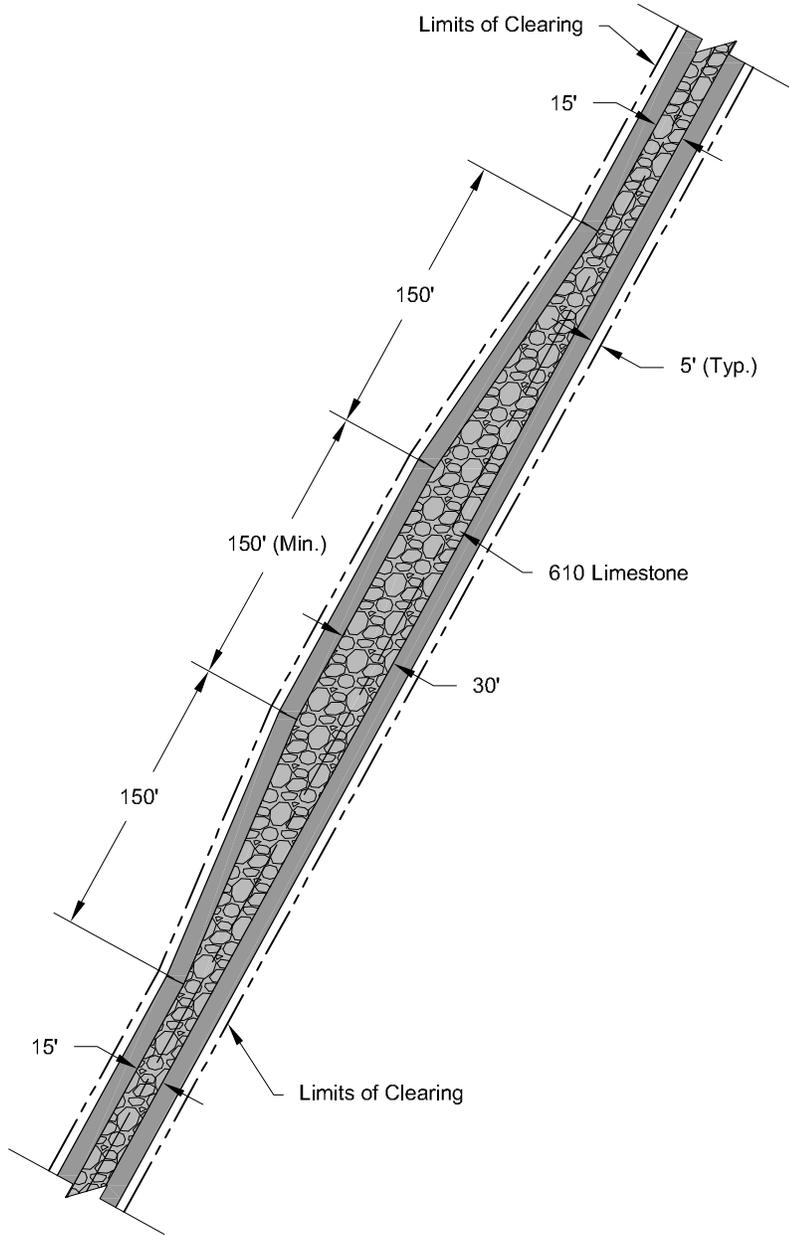


PROVIDENCE

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

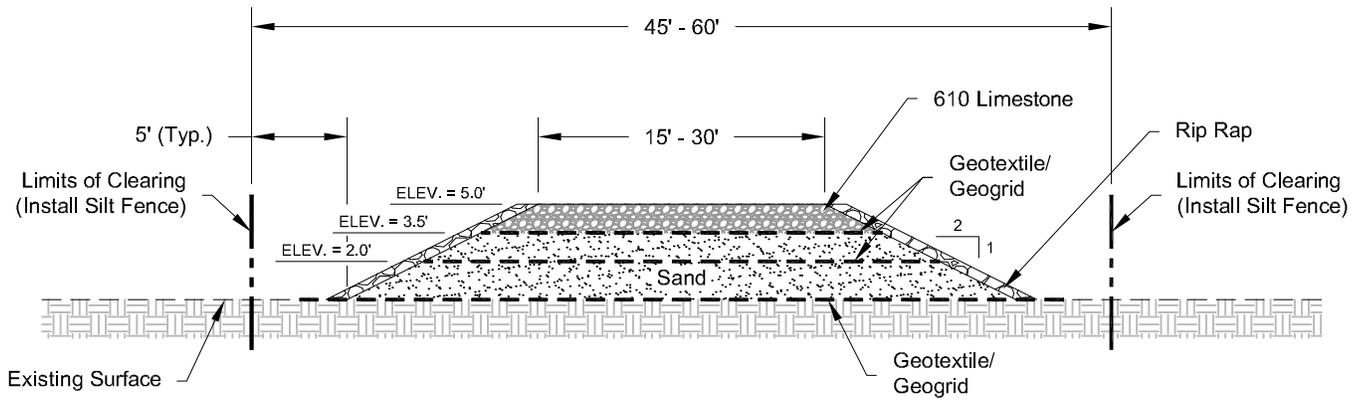


PROVIDENCE

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

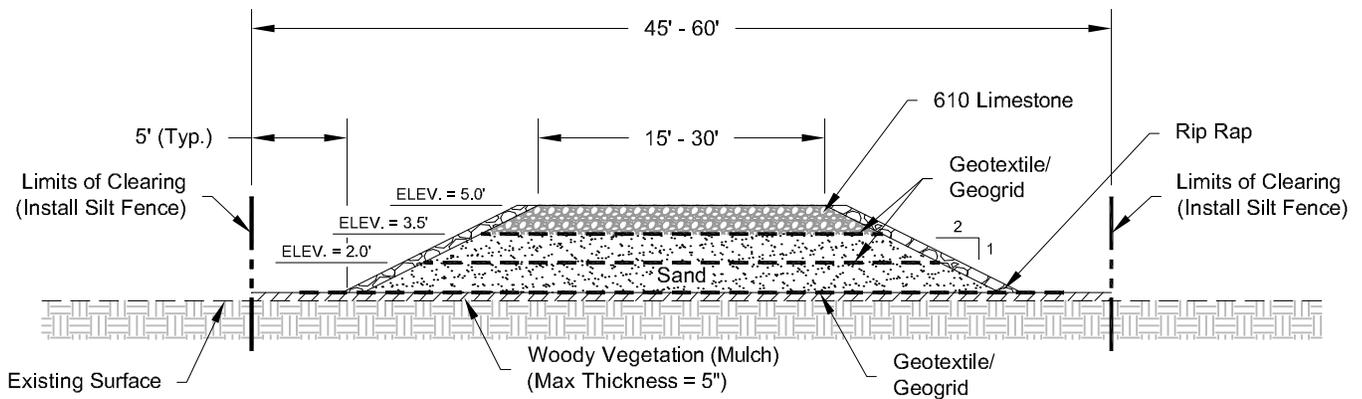
Project Number
1429-002
Drawing Number
1429-002-A131

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