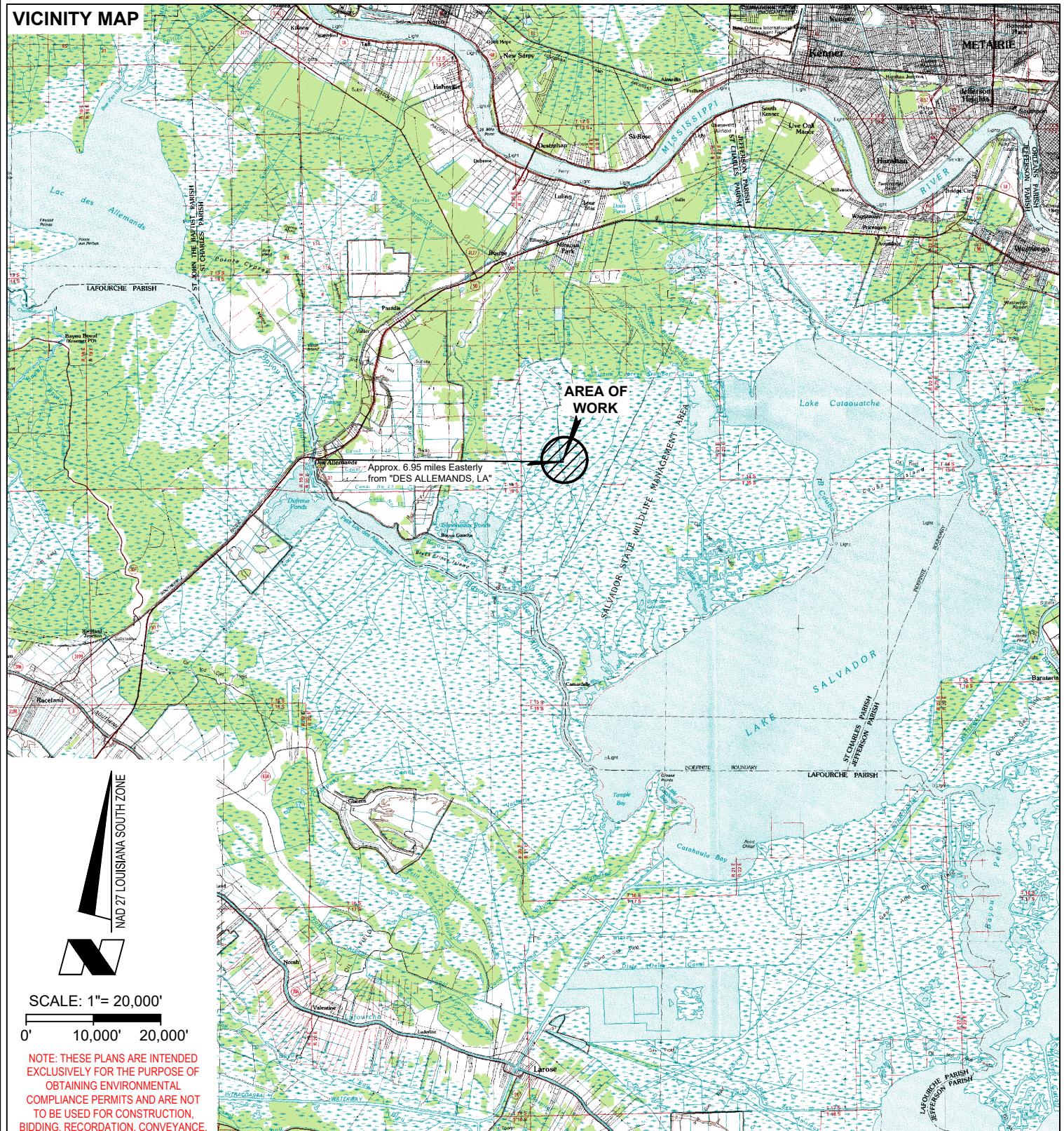


VICINITY MAP



C. H. Fenstermaker & Associates, L.L.C.
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Ph. 337-237-2200
Fax. 337-232-3299

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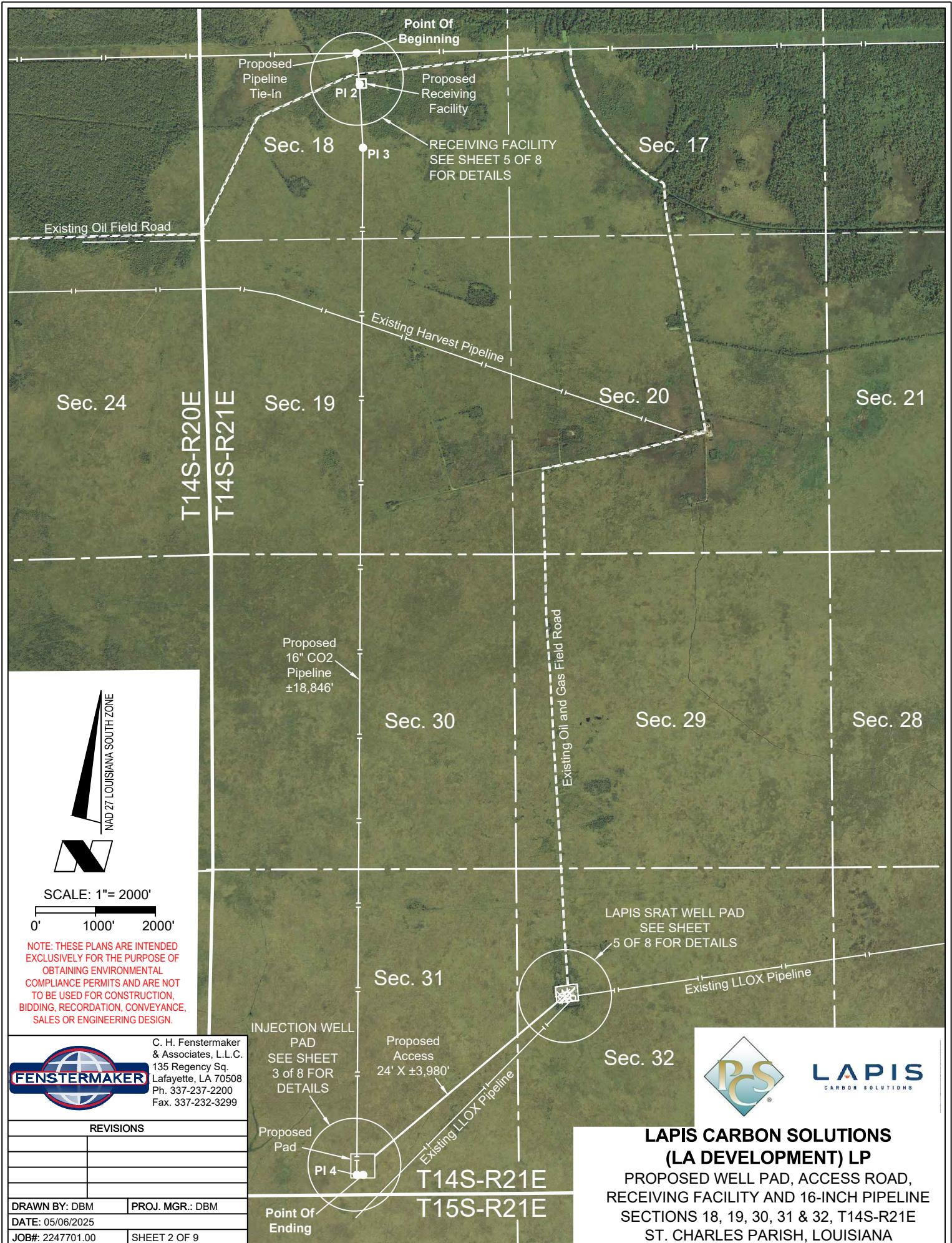
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DATE: 05/06/2025
JOB#: 2247701.00 SHEET 1 OF 9

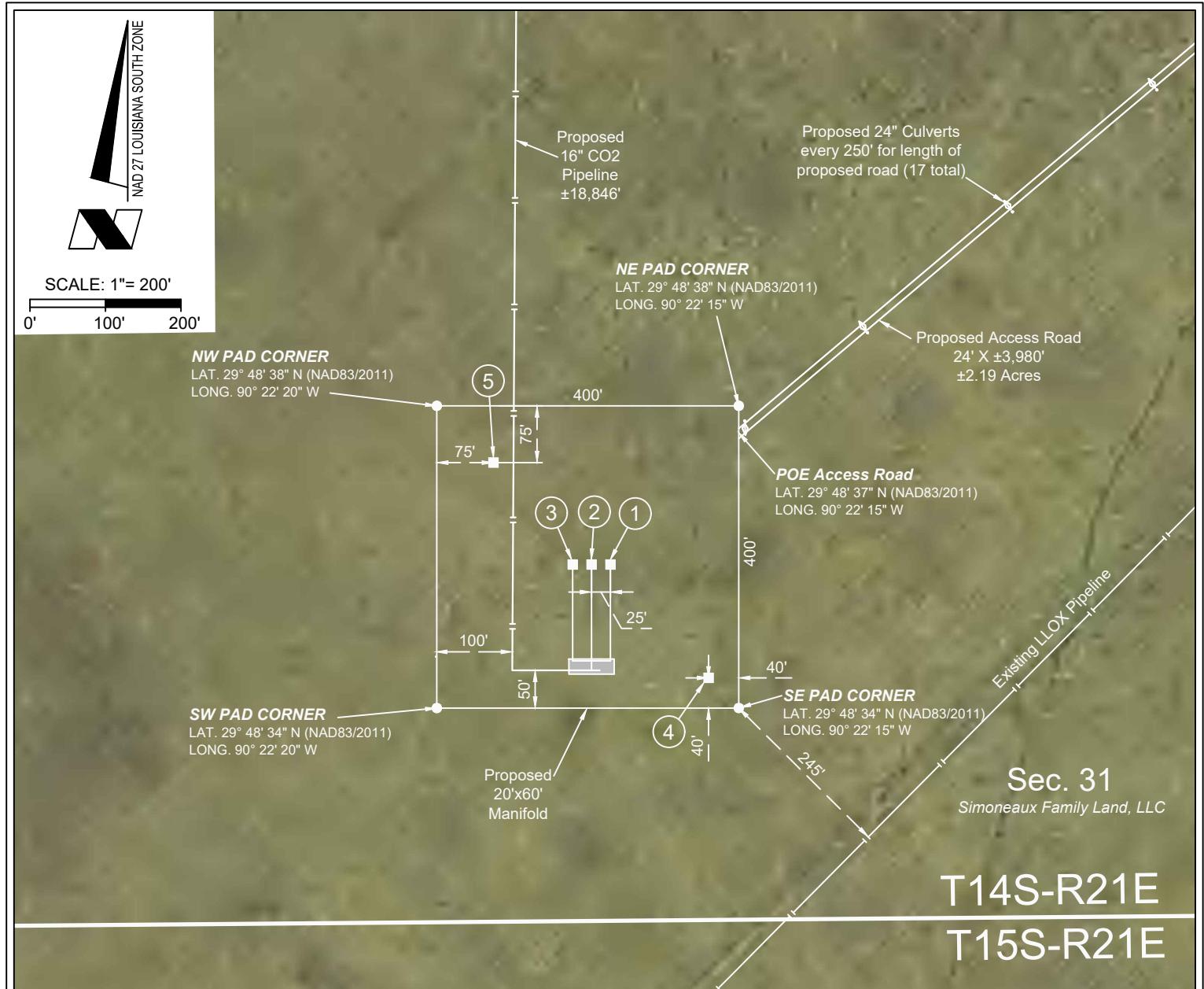


LAPIS
CARBON SOLUTIONS

LAPIS CARBON SOLUTIONS (LA DEVELOPMENT) LP

PROPOSED WELL PAD, ACCESS ROAD,
RECEIVING FACILITY AND 16-INCH PIPELINE
SECTIONS 18, 19, 30, 31 & 32, T14S-R21E
ST. CHARLES PARISH, LOUISIANA





COORDINATE TABLE

PT	Name	NAD27 LaS		NAD83/2011		Elevation
		Northing	Easting	Latitude	Longitude	
1	Proposed Simoneaux CCS Injector No. 001	416,977'	2,305,049'	29° 48' 36" N	90° 22' 17" W	+0.5' NAVD88
2	Proposed Simoneaux CCS Injector No. 002	416,977'	2,305,024'	29° 48' 36" N	90° 22' 17" W	+0.1' NAVD88
3	Proposed Simoneaux CCS Injector No. 003	416,977'	2,304,999'	29° 48' 36" N	90° 22' 18" W	-0.1' NAVD88
4	Proposed Simoneaux USDW NO. 1	416,827'	2,305,179'	29° 48' 34" N	90° 22' 16" W	+0.2' NAVD88
5	Proposed AZ Monitor Well	417,112'	2,304,894'	29° 48' 37" N	90° 22' 19" W	Not Staked

Note: Not to be used for construction, bidding, recordation, conveyance, sales, or engineering design.



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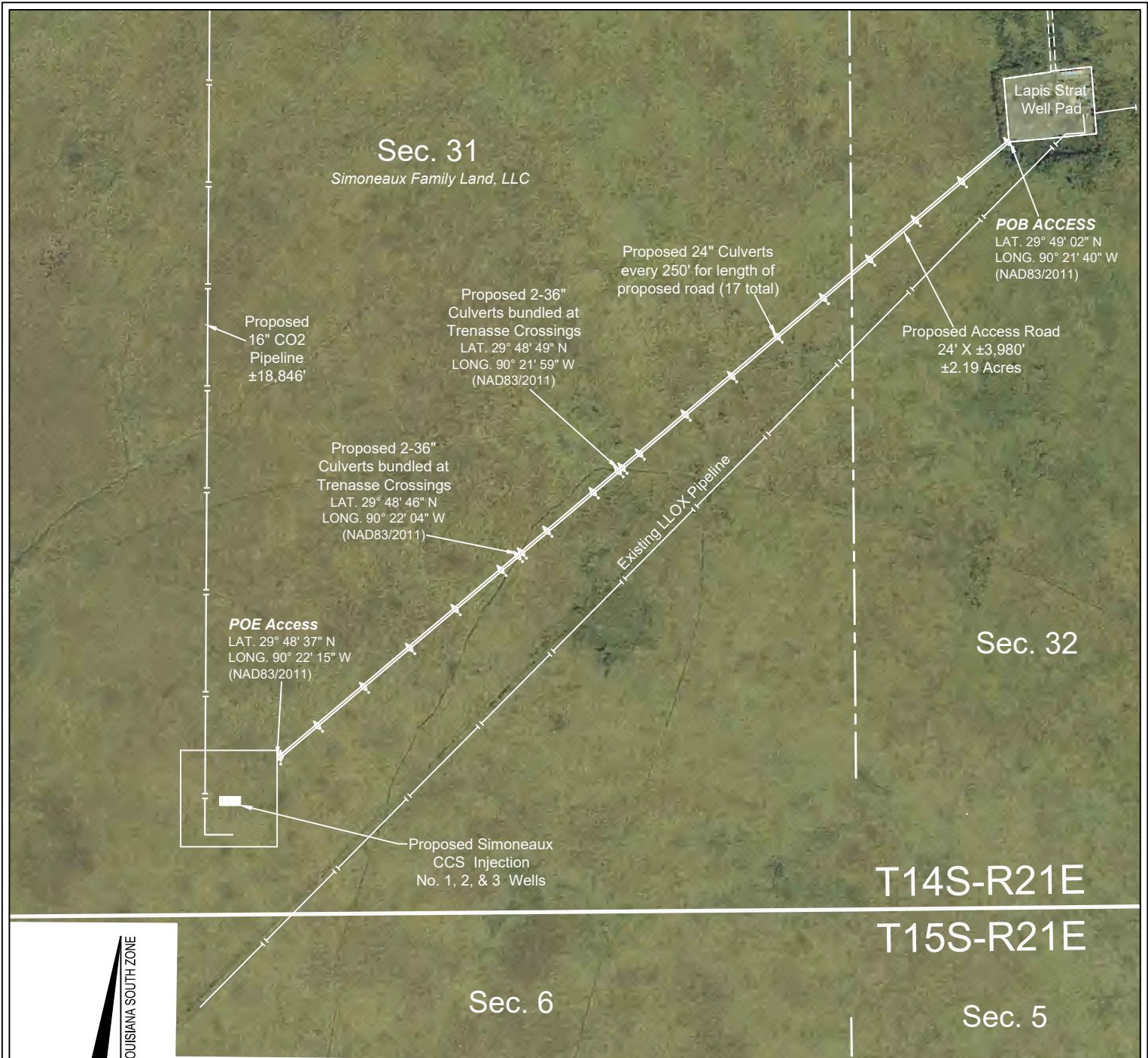
LEGEND	
◆	Proposed 24" Culvert every 250' (17 Total)

NOTE: THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS AND ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR ENGINEERING DESIGN.



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FENSTERMAKER

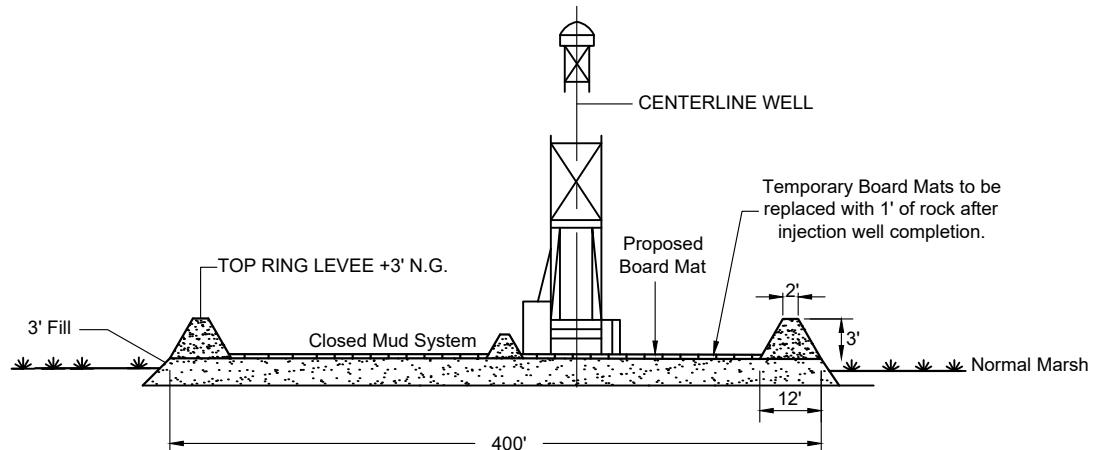
REVISIONS	

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DATE: 05/06/2025
JOB#:2247701.00C SHEET 4 OF 9

LEGEND	
◆	Proposed 24" Culvert every 250' (17 Total)
◆◆	Proposed 2-36" Culvert (3 Total)

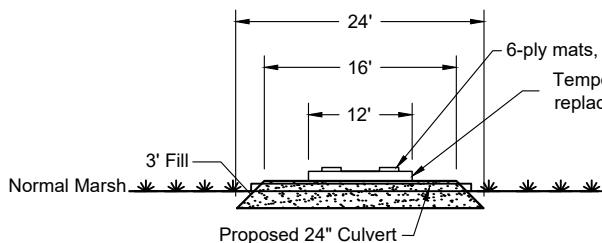


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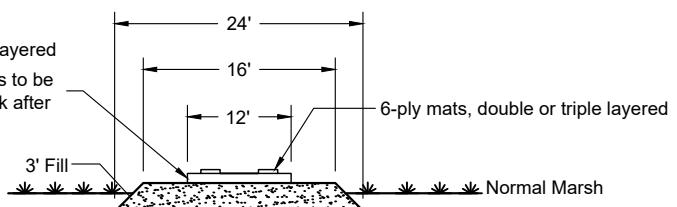
TYPICAL CROSS-SECTION OF INJECTION WELL PAD

No Scale



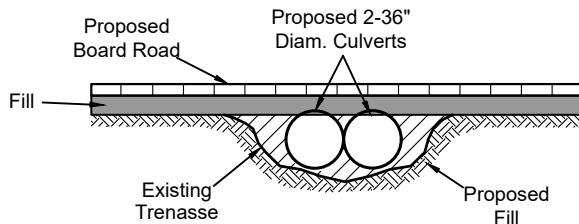
TYPICAL BOARD ROAD WITH CULVERT

No Scale



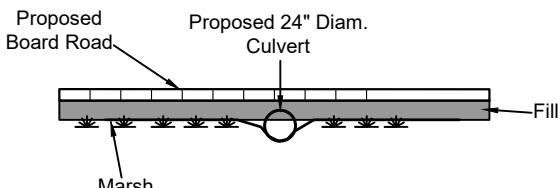
TYPICAL BOARD ROAD

No Scale



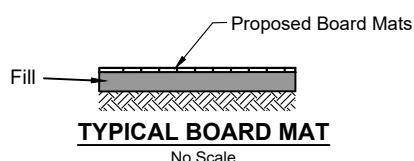
TRENASSE CROSSING DETAIL

No Scale



TYPICAL CULVERT DETAIL

No Scale



TYPICAL BOARD MAT

No Scale

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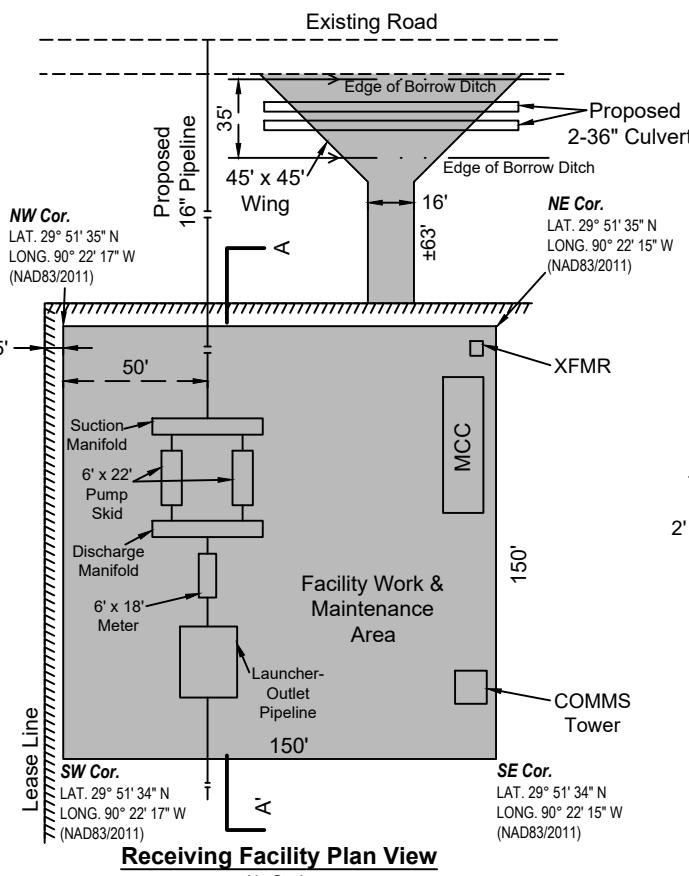
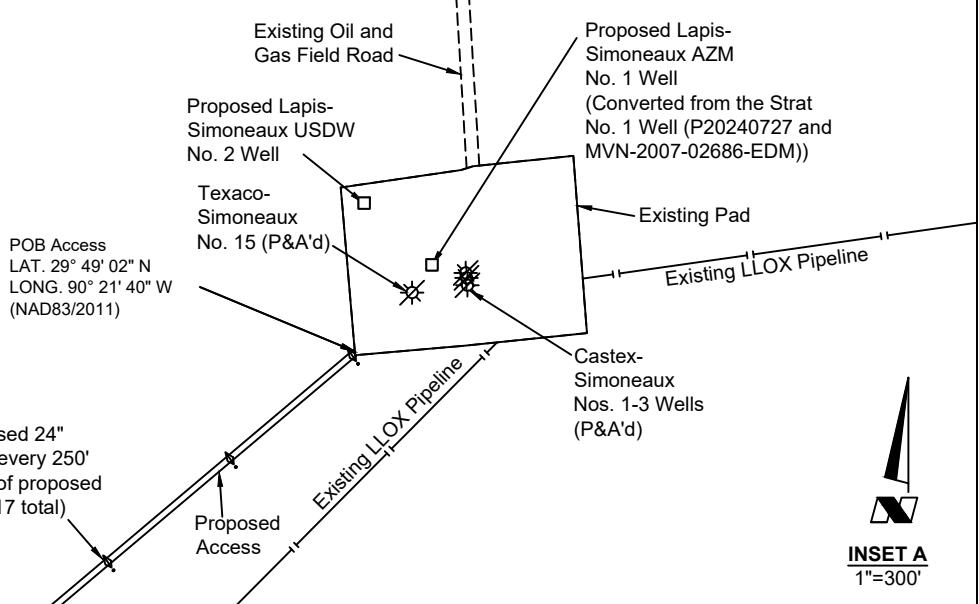
Plan View of Existing Lapis Strat Well Pad

Previously Permitted Strat Well No. 1

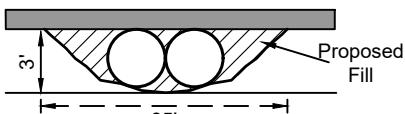
(P20240727 and MVN-2007-02686-EDM)
to be converted as the proposed
Lapis Simoneaux AZM No. 1 Well
X = 2,308,378' (NAD27 La S)
Y = 419,853'
LAT. 29° 49' 04" N (NAD83/2011)
LONG. 90° 21' 39" W

Proposed Lapis-Simoneaux USDW No. 2 Well

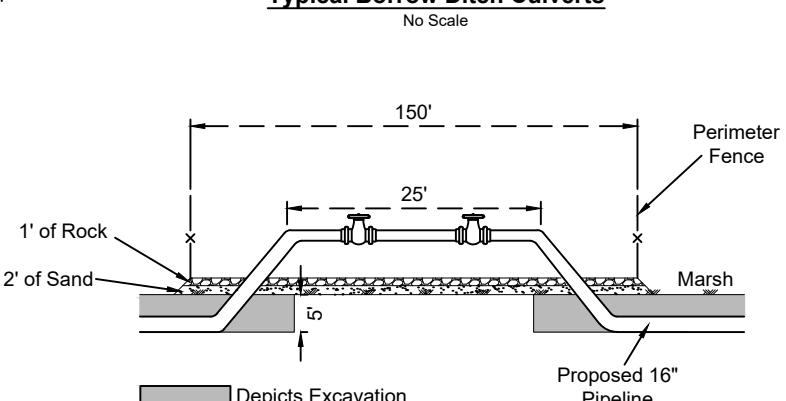
X = 2,308,272' (NAD27 La S)
Y = 419,950'
LAT. 29° 49' 05" N (NAD83/2011)
LONG. 90° 21' 40" W



Receiving Facility



Typical Borrow Ditch Culverts



Receiving Facility A-A' Cross - Section

No Scale

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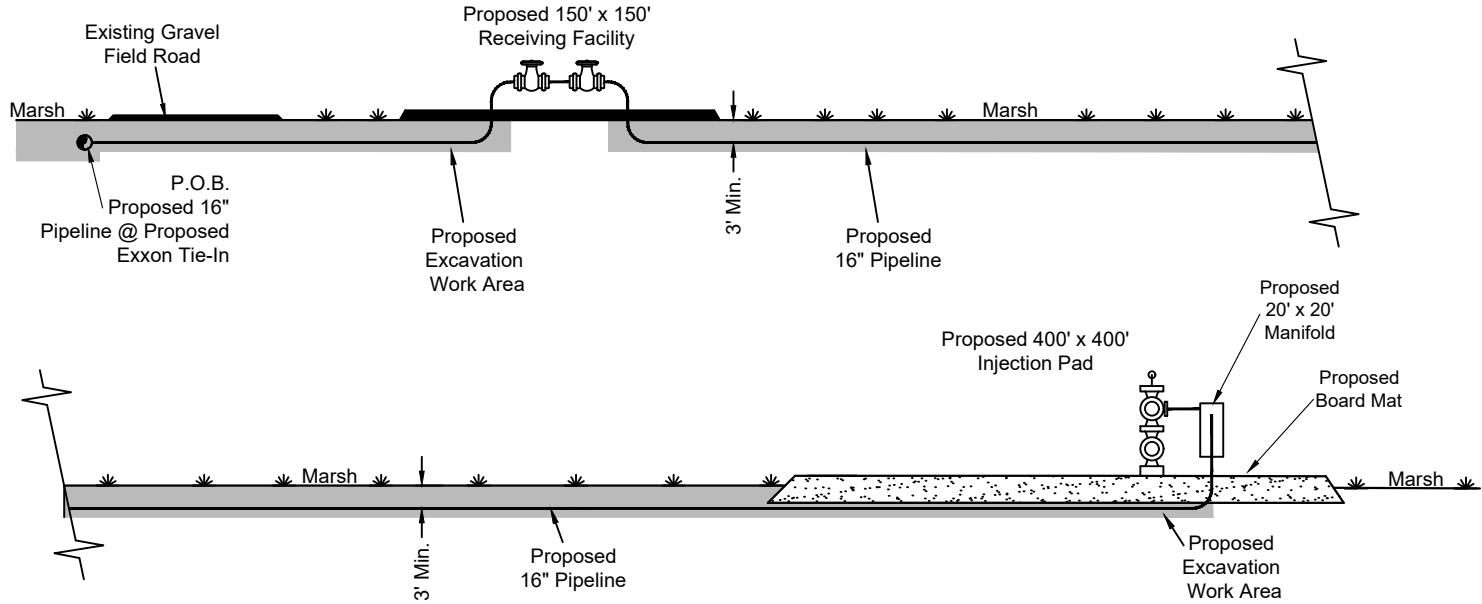


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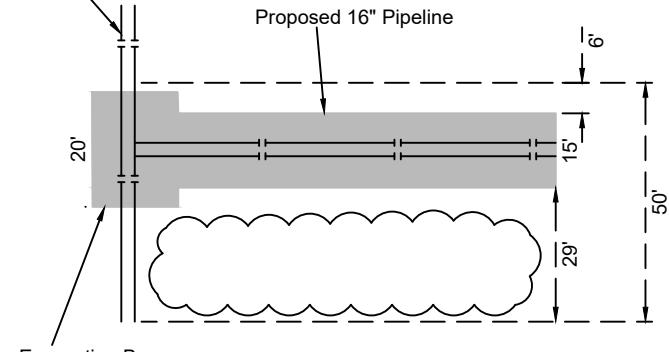
Profile of Proposed 16" CO2 Pipeline

No Scale



Existing Pipeline

Pipeline Tie-In



Pipeline Tie-In Plan View

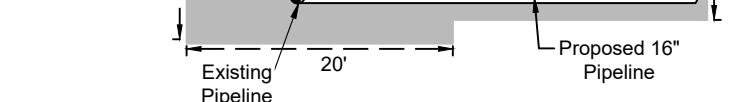
No Scale

Depicts Excavation

Marsh

Profile of Typical Bell Hole @ Tie In

No Scale



PROPOSED 16" CO2 PIPELINE

PT	NAD27 LaS		NAD83/2011	
	Northing	Easting	Latitude	Longitude
1	435,563'	2,304,913'	29° 51' 40" N	90° 22' 17" W
2	435,041'	2,304,964'	29° 51' 35" N	90° 22' 17" W
3	433,982'	2,305,020'	29° 51' 24" N	90° 22' 16" W
4	416,837'	2,304,919'	29° 48' 35" N	90° 22' 19" W
5	416,837'	2,305,035'	29° 48' 35" N	90° 22' 18" W

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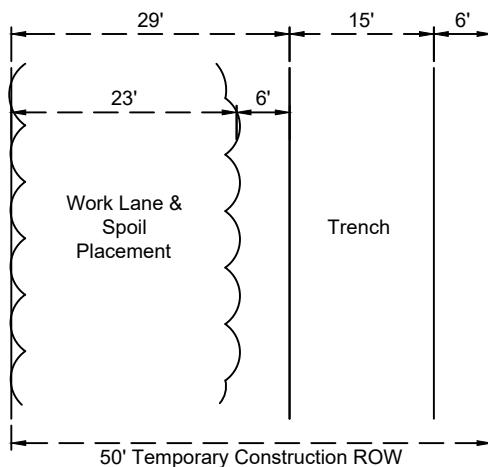
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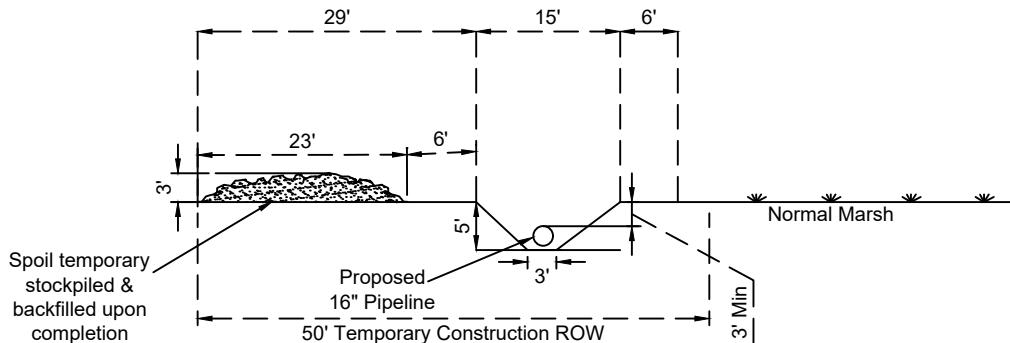
CONSTRUCTION ROW PLAN VIEW

Scale: 1" = 20'



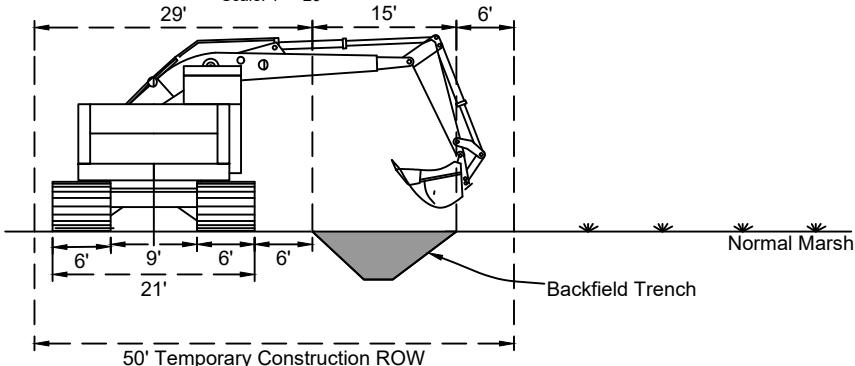
CONSTRUCTION ROW CROSS SECTION

Scale: 1" = 20'



CONSTRUCTION ROW CROSS SECTION

Scale: 1" = 20'



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EXCAVATIONS		
	CUBIC YARDS	ACREAGE
Pipeline Trench	31,410	6.49
Pipeline Tie-In	119	0.01
FILL		
	CUBIC YARDS	ACREAGE
Pipeline Spoil (trench and tie-in) (native material)	31,410	9.94
Injection Well Access Road (sand)	4,722	2.19
Injection Well Access Road (rock)	1,771	
Injection Well Access Road (temporary board mats)	885	1.10
Injection Well Pad (sand)	11,852	3.67
Injection Well Pad (rock)	5,926	
*Injection Well Pad (temporary board mats)	2,763	-
Receiving Facility Access Road (sand)	87	0.07
Receiving Facility Access Road (rock)	32	
Receiving Facility (sand)	1,667	0.52
Receiving Facility (rock)	833	

* Injection Well Board Mat Acreage is not included. The board mats will be removed and replaced with rock. That rock acreage has been denoted in the table.

*Proposed pipeline has not been staked in field at this time.

PROJECT IMPACT TABLE		
IMPACT	ACTIVE	ACREAGE
Temporary	Pipeline Trench	6.27 ac.
TOTAL Temporary Impacts:		6.27 ac.
Permanent	Receiving Facility & Access Road	0.59 ac.
	Injection Well Pad Site & Access Road	5.86 ac.
TOTAL Permanent Impacts:		6.45 ac.

NOTES:

1. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, P.O. Box 44487, Baton Rouge, LA 70804-4487.
2. In order to ensure the safety of all parties, the permittee shall contact the Louisiana ONE CALL System (811) or www.louisiana811.com, a minimum of 48 hours prior to the commencement of any excavation (Digging, Dredging, Jetting, etc.) or demolition activity.
3. A closed mud system will be used.
4. Permittee shall restore pre-project elevations and contours immediately upon completion of the permitted activities for which a growing season deferment applies.

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DISCLAIMER: At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor has been 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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