

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

8,000' 0' 8,000'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-7400  
(504) 333-4940 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

SYSTEM VICINITY MAP

DWG. NO. RPS-RSPN-PR-PER-0001

SHEET INDEX	DRAWING NUMBER	TITLE
SHEET 1 OF 53	RPS-RPSN-PR-PER-0001	SYSTEM VICINITY MAP
SHEET 2 OF 53	RPS-RPSN-PR-INDEX-0001	DRAWING INDEX
SHEET 3 OF 53	RPS-GEIS-PL-PER-0000	GEISMAR PIPELINE VICINITY MAP
SHEET 4 OF 53	RPS-GEIS-PL-PER-0001	GEISMAR PIPELINE STA. 0+00 TO 40+00
SHEET 5 OF 53	RPS-GEIS-PL-PER-0002	GEISMAR PIPELINE STA. 40+00 TO 80+00
SHEET 6 OF 53	RPS-GEIS-PL-PER-0003	GEISMAR PIPELINE STA. 80+00 TO 120+00
SHEET 7 OF 53	RPS-GEIS-PL-PER-0004	GEISMAR PIPELINE STA. 120+00 TO 160+00
SHEET 8 OF 53	RPS-GEIS-PL-PER-0005	GEISMAR PIPELINE STA. 160+00 TO 200+00
SHEET 9 OF 53	RPS-GEIS-PL-PER-0006	GEISMAR PIPELINE STA. 200+00 TO 240+00
SHEET 10 OF 53	RPS-GEIS-PL-PER-0007	GEISMAR PIPELINE STA. 240+00 TO 280+00
SHEET 11 OF 53	RPS-GEIS-PL-PER-0008	GEISMAR PIPELINE STA. 280+00 TO 320+00
SHEET 12 OF 53	RPS-GEIS-PL-PER-0009	GEISMAR PIPELINE STA. 320+00 TO 360+00
SHEET 13 OF 53	RPS-GEIS-PL-PER-0010	GEISMAR PIPELINE STA. 360+00 TO 372+77
SHEET 14 OF 53	RPS-GEIS-PL-PER-0011	INTENTIONALLY LEFT BLANK
SHEET 15 OF 53	RPS-GEIS-PL-PER-0012	INTENTIONALLY LEFT BLANK
SHEET 16 OF 53	RPS-GEIS-PL-PER-0101	GEISMAR PIPELINE MISSISSIPPI RIVER HDD PLAN & PROFILE
SHEET 17 OF 53	RPS-RPSN-WL-PER-1000	RPN-1 WELL SYSTEM VICINITY MAP
SHEET 18 OF 53	RPS-RPSN-WL-PER-1001	RPN-1-INJ WELL, AZ WELL, & CENTRAL PUMP STATION
SHEET 19 OF 53	RPS-RPSN-WL-PER-1002	RPN-1-INJ/AZ & CENTRAL PUMP STATION CROSS SECTIONS
SHEET 20 OF 53	RPS-RPSN-WL-PER-1003	RPN-1-I2 WELL SITE & CROSS SECTIONS
SHEET 21 OF 53	RPS-INFI-PL-PER-0000	IN-FIELD PIPELINE VICINITY MAP
SHEET 22 OF 53	RPS-INFI-PL-PER-0001	IN-FIELD PIPELINE STA. 0+00 TO 36+15
SHEET 23 OF 53	RPS-INFI-PL-PER-0002	IN-FIELD PIPELINE STA. 36+15 TO 76+15
SHEET 24 OF 53	RPS-INFI-PL-PER-0003	IN-FIELD PIPELINE STA. 76+15 TO 116+15
SHEET 25 OF 53	RPS-INFI-PL-PER-0004	IN-FIELD PIPELINE STA. 116+15 TO 156+15
SHEET 26 OF 53	RPS-INFI-PL-PER-0005	IN-FIELD PIPELINE STA. 156+15 TO 196+15
SHEET 27 OF 53	RPS-INFI-PL-PER-0006	IN-FIELD PIPELINE STA. 196+15 TO 236+15
SHEET 28 OF 53	RPS-INFI-PL-PER-0007	IN-FIELD PIPELINE STA. 236+15 TO 276+15
SHEET 29 OF 53	RPS-INFI-PL-PER-0008	IN-FIELD PIPELINE STA. 276+15 TO 316+15
SHEET 30 OF 53	RPS-INFI-PL-PER-0009	IN-FIELD PIPELINE STA. 316+15 TO 356+15
SHEET 31 OF 53	RPS-INFI-PL-PER-0010	IN-FIELD PIPELINE STA. 356+15 TO 384+59
SHEET 32 OF 53	RPS-RPSN-WL-PER-2000	RPN-2 WELL SYSTEM VICINITY MAP
SHEET 33 OF 53	RPS-RPSN-WL-PER-2001	RPN-2-INJ/AZ WELL SITE AND CROSS SECTIONS
SHEET 34 OF 53	RPS-RPSN-WL-PER-2002	RPN-2-I2 WELL SITE AND CROSS SECTIONS
SHEET 35 OF 53	RPS-INFI-PL-PER-3001	RPN-3 LATERAL PIPELINE STA. 0+00 TO 30+10
SHEET 36 OF 53	RPS-RPSN-WL-PER-3000	RPN-3 WELL SYSTEM VICINITY MAP
SHEET 37 OF 53	RPS-RPSN-WL-PER-3001	RPN-3-INJ/AZ WELL SITE AND CROSS SECTIONS
SHEET 38 OF 53	RPS-RPSN-WL-PER-3002	RPN-3-I2 WELL SITE AND CROSS SECTIONS
SHEET 39 OF 53	RPS-RPSN-WL-PER-1004	WS MONITORING WELL (TYPICAL)
SHEET 40 OF 53	RPS-0007	TYPICAL CONSTRUCTION MAINLINE VALVE
SHEET 41 OF 53	RPS-INFI-PL-PER-2101	IN-FIELD PIPELINE MID IN-FIELD VALVE SITE
SHEET 42 OF 53	RPS-INFI-PL-PER-2102	IN-FIELD PIPELINE RPN-2 AND RPN-3 VALVE SITES
SHEET 43 OF 53	RPS-0001	TYPICAL CONSTRUCTION PARALLEL PIPELINE CONSTRUCTION
SHEET 44 OF 53	RPS-0002	TYPICAL CONSTRUCTION R.O.W.
SHEET 45 OF 53	RPS-0003	TYPICAL CONSTRUCTION TRENCH DETAIL
SHEET 46 OF 53	RPS-0004	TYPICAL CONSTRUCTION CANAL CROSSINGS
SHEET 47 OF 53	RPS-0005	TYPICAL CONSTRUCTION ROAD BORE
SHEET 48 OF 53	RPS-0006	TYPICAL CONSTRUCTION HORIZONTAL DIRECTIONAL DRILL
SHEET 49 OF 53	RPS-ENV-0001	SURFACE SITES IMPACT TABLES
SHEET 50 OF 53	RPS-ENV-0002	SURFACE SITES IMPACT TABLES
SHEET 51 OF 53	RPS-ENV-0003	SURFACE SITES IMPACT TABLES
SHEET 52A OF 53	RPS-ENV-0004A	WETLANDS AND WATERBODY IMPACT TABLE
SHEET 52B OF 53	RPS-ENV-0004B	WETLANDS AND WATERBODY IMPACT TABLE
SHEET 53 OF 53	RPS-ENV-0005	NOTES
APPENDIX A	RPS-ENV-0006	ATTESTATION

IN  
COASTAL  
ZONE

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

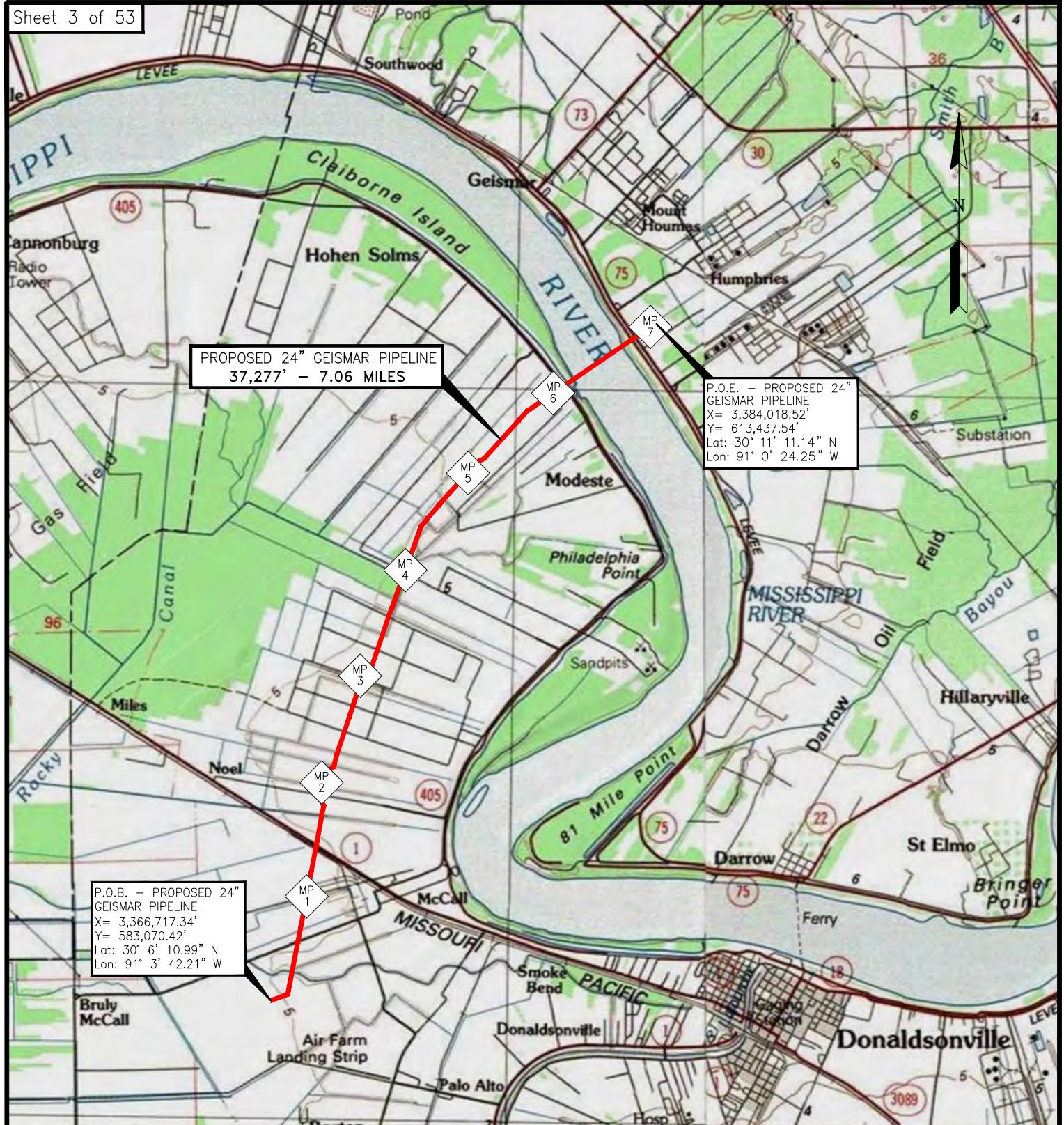
3300 WEST ESPLANADE AVE., SUITE 500  
METairie, LA 70022-4700  
(504) 333-2100 • FAX: (504) 333-4940  
www.projectconsulting.com

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

DRAWING INDEX

DWG. NO. RPS-RPSN-PR-INDEX-0001



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

6,000' 0' 6,000'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



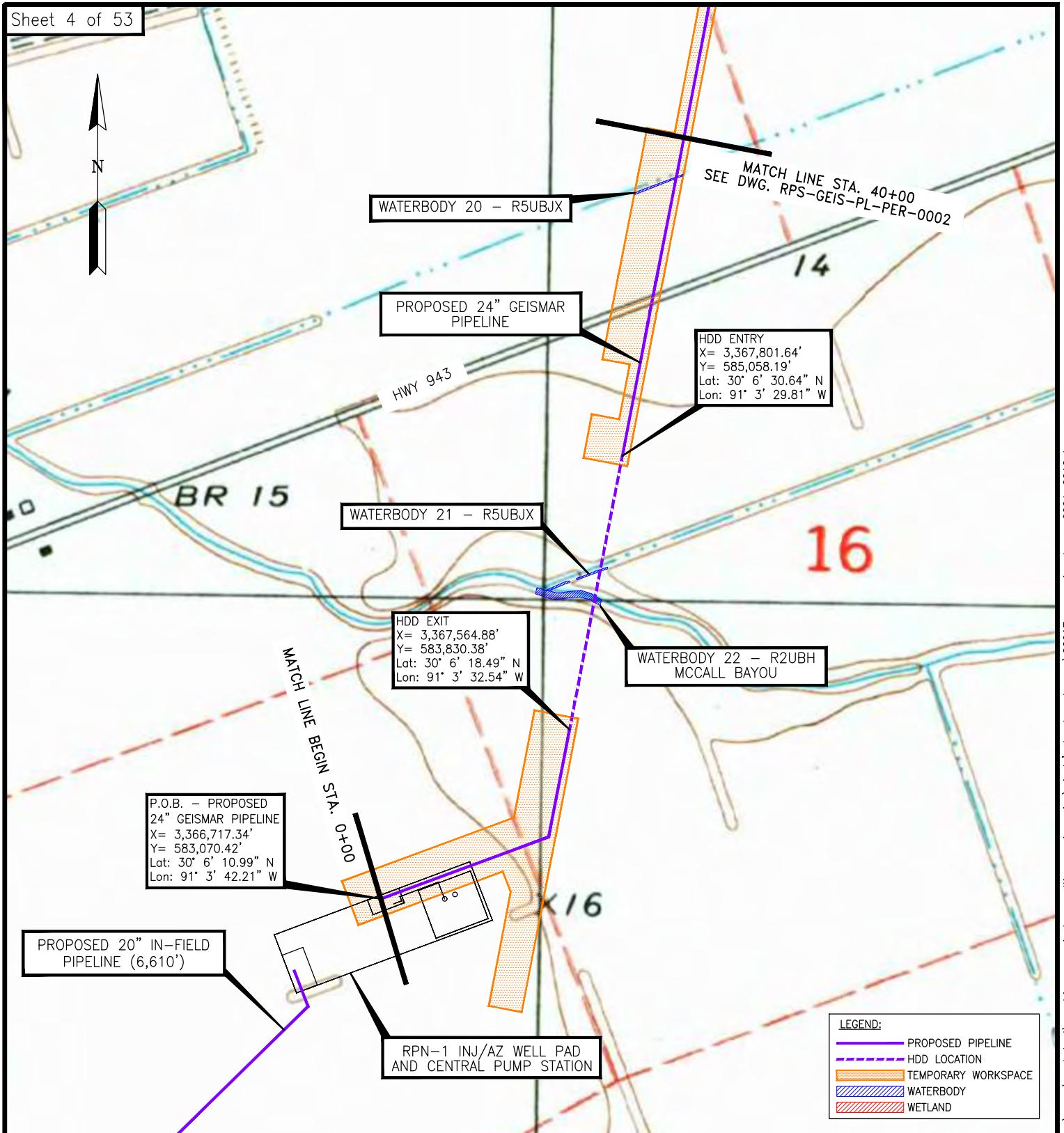
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-7400  
(504) 333-2140 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 4-22-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
VICINITY MAP

DWG. NO. RPS-GEIS-PL-PER-0000



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



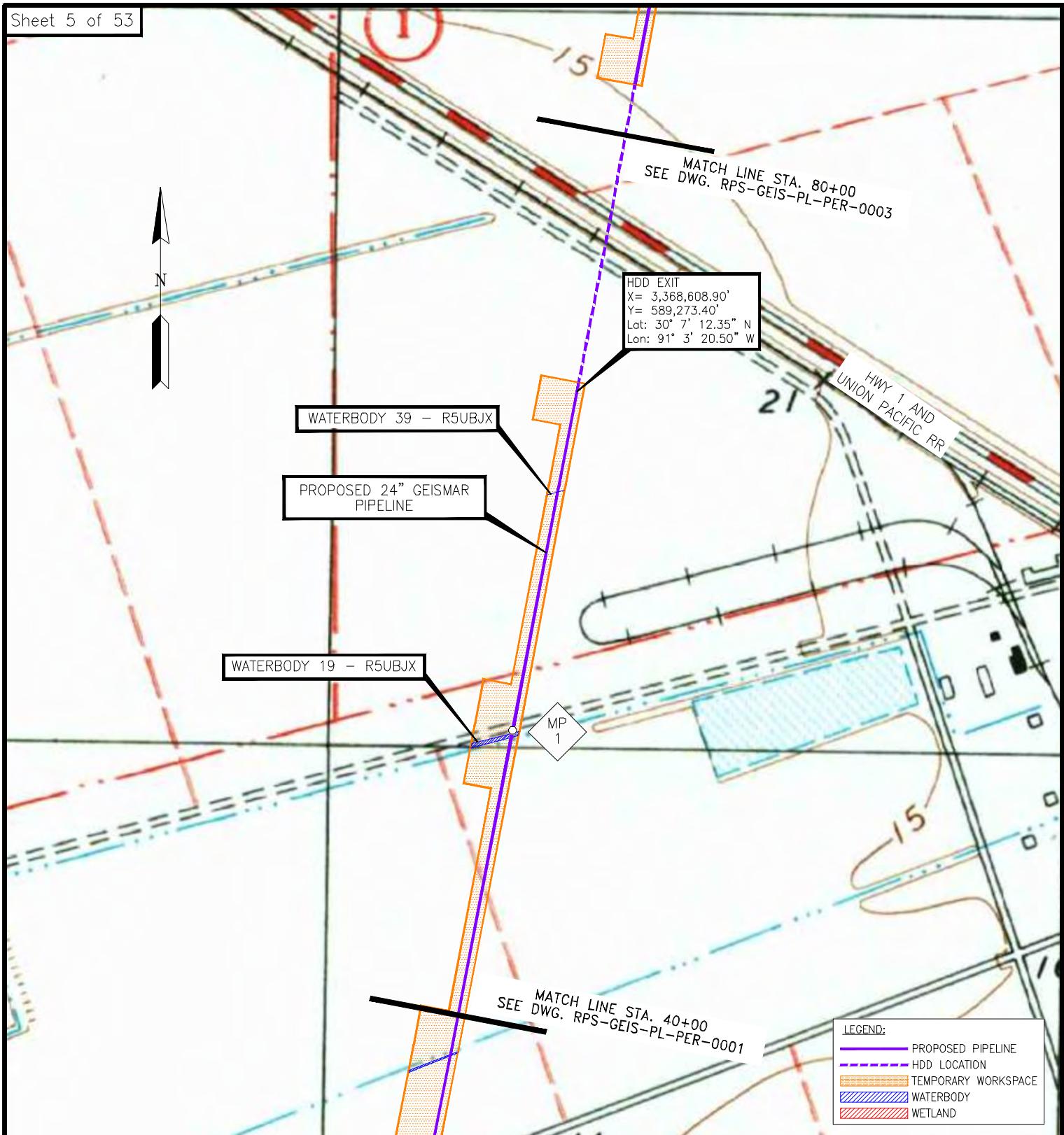
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARD, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 0+00 TO 40+00

DWG. NO. RPS-GEIS-PL-PER-0001



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



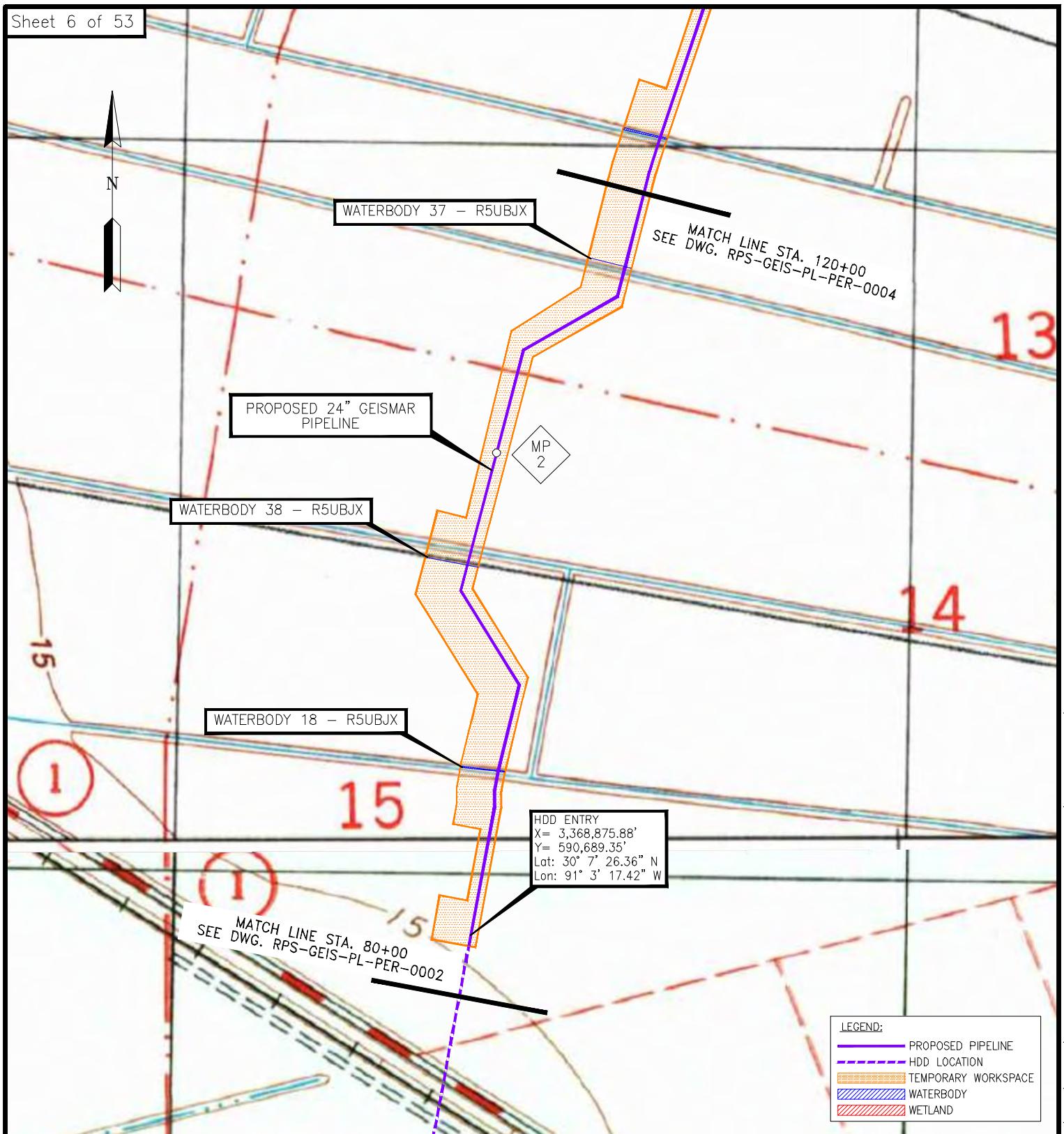
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-7400  
(504) 833-3300 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 40+00 TO 80+00

DWG. NO. RPS-GEIS-PL-PER-0002



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

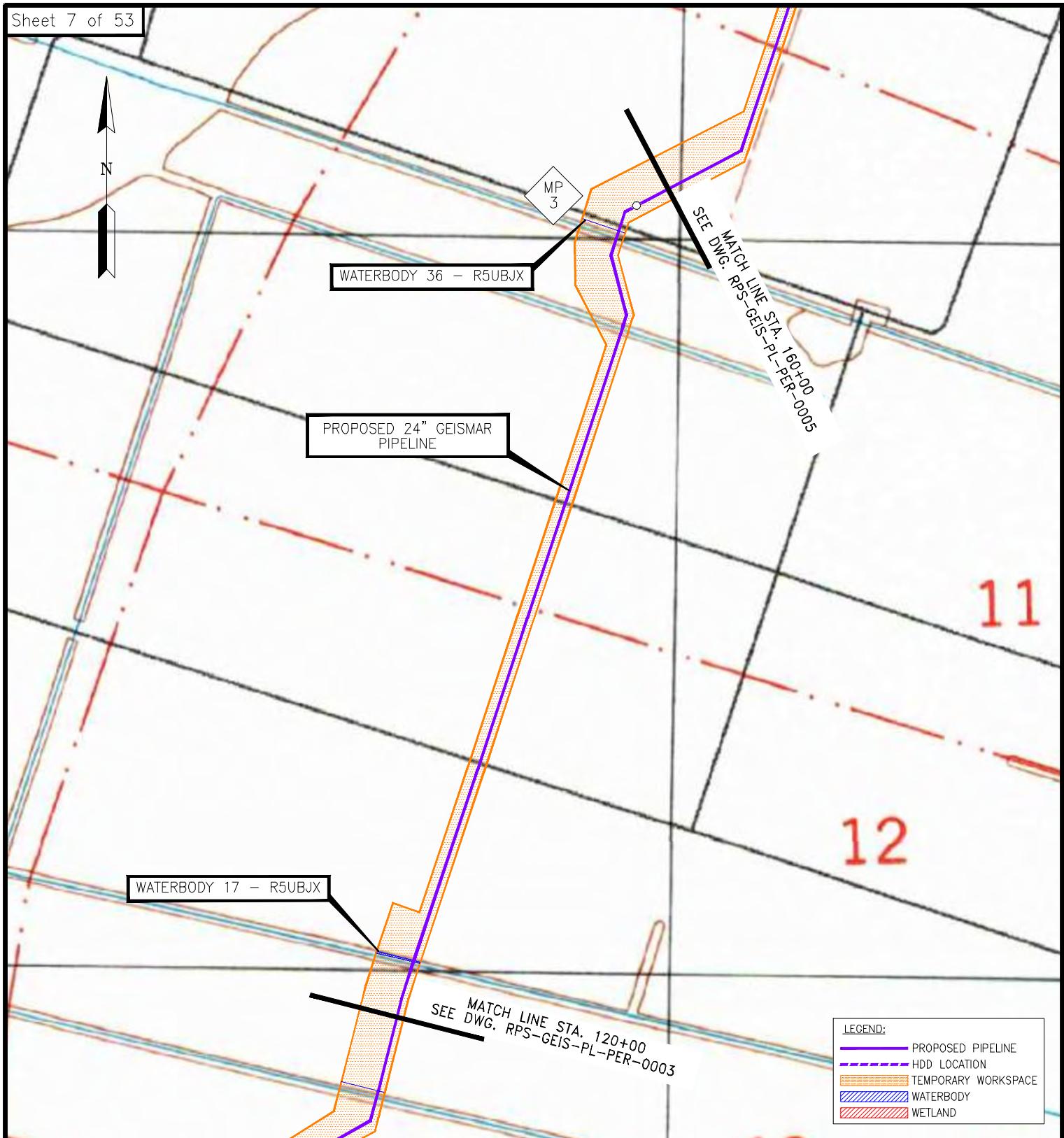
PREPARED BY:  
  
**PROJECT CONSULTING SERVICES, INC.**  
 3300 WEST ESPLANADE AVE. S., SUITE 500  
 METAIRIE, LA 70002-7400  
 (504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 80+00 TO 120+00

DWG. NO. RPS-GEIS-PL-PER-0003



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



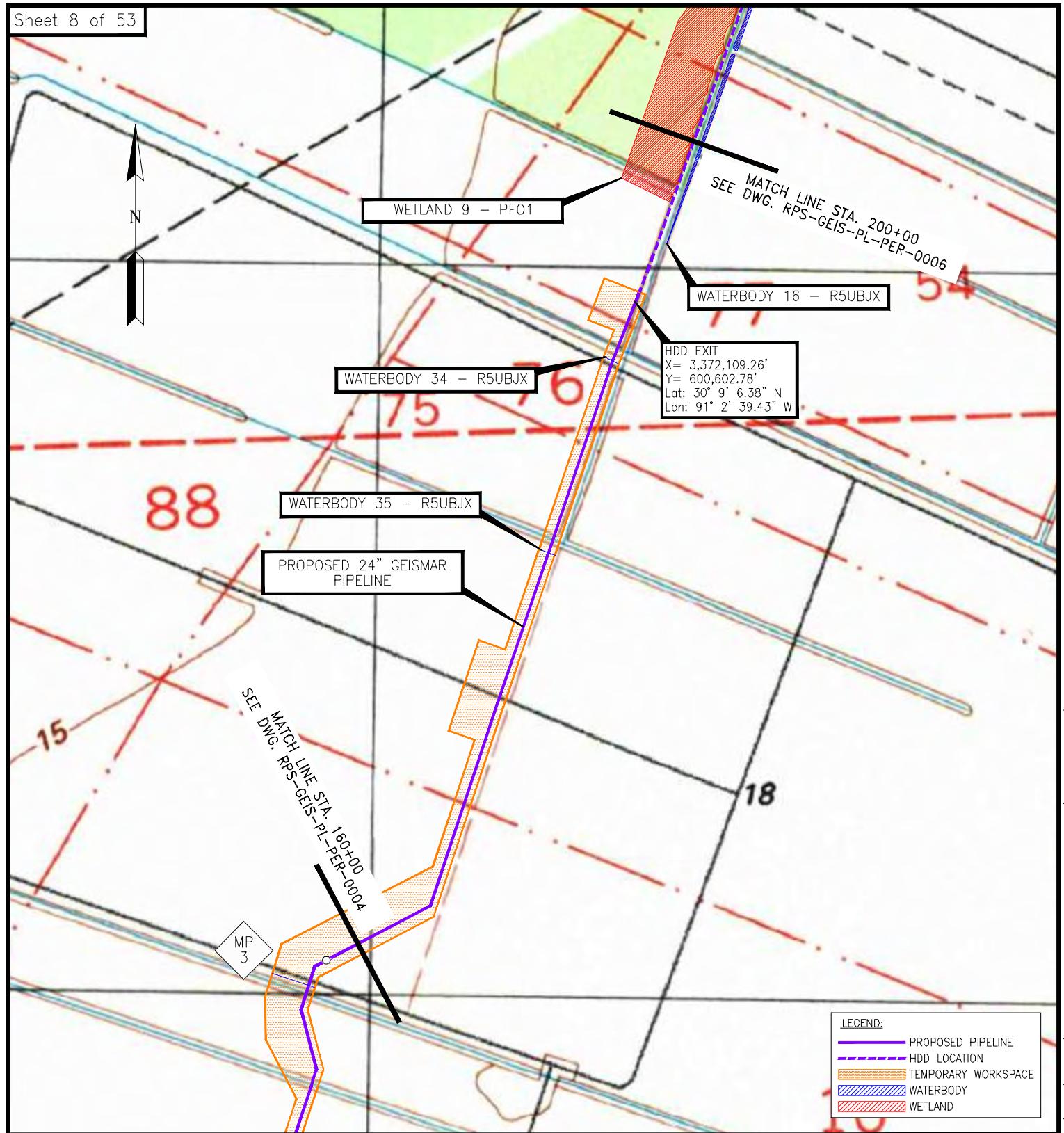
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 120+00 TO 160+00

DWG. NO. RPS-GEIS-PL-PER-0004



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

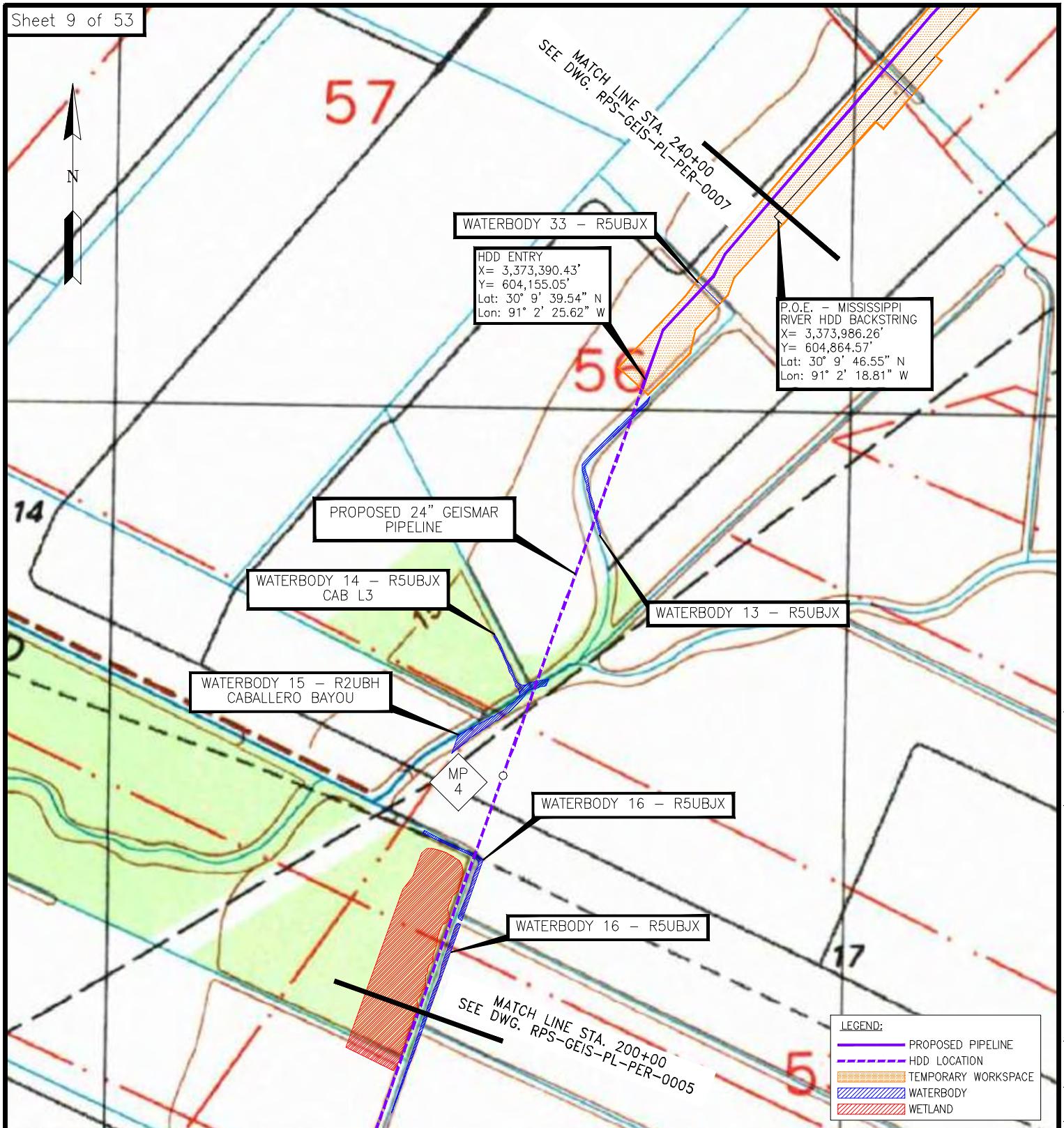
PREPARED BY: **PROJECT CONSULTING SERVICES, INC.**  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70027-7406  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 160+00 TO 200+00

DWG. NO. RPS-GEIS-PL-PER-0005



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

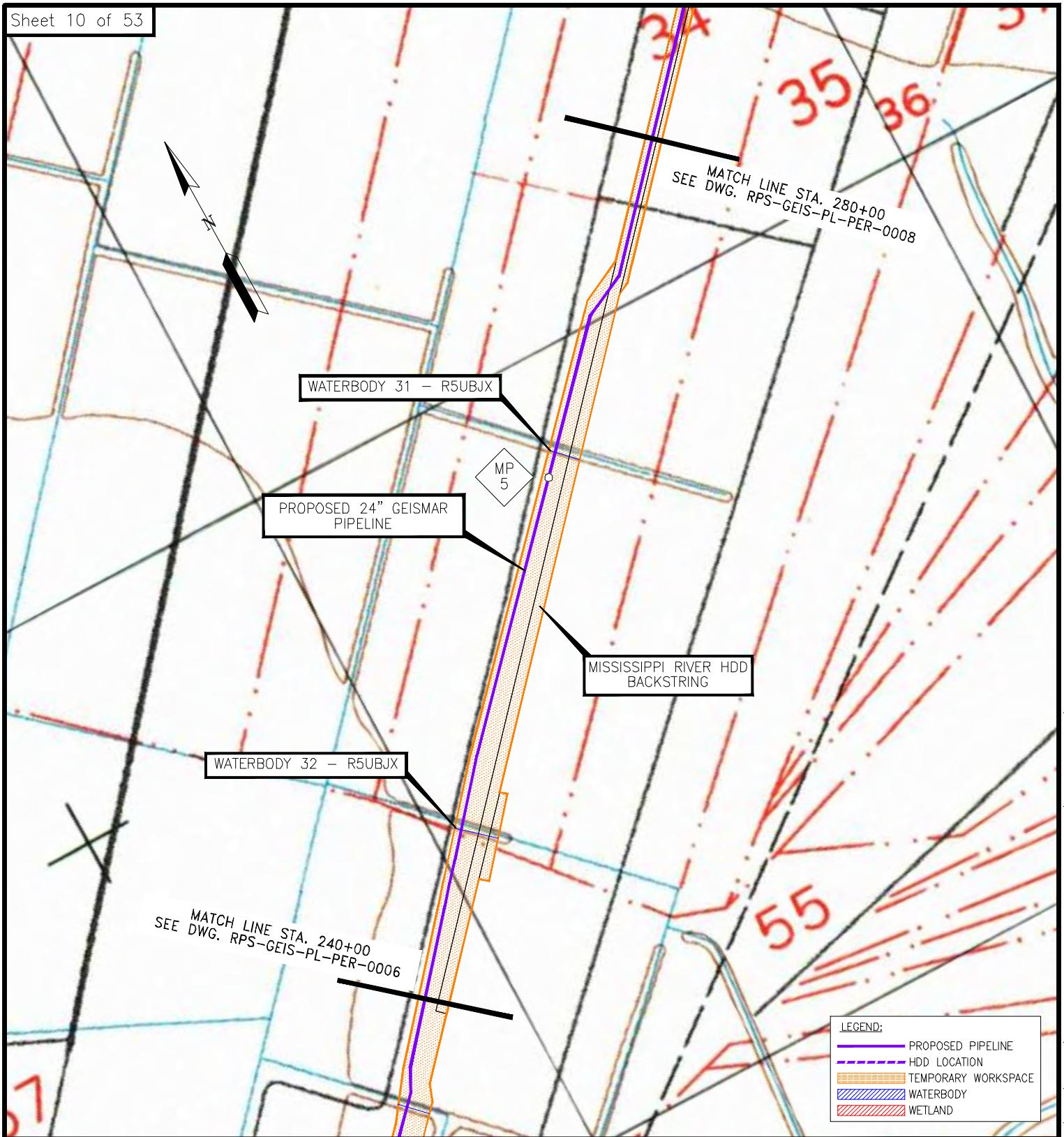
PREPARED BY:   
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 833-3400 | FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 200+00 TO 240+00

DWG. NO. RPS-GEIS-PL-PER-0006



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

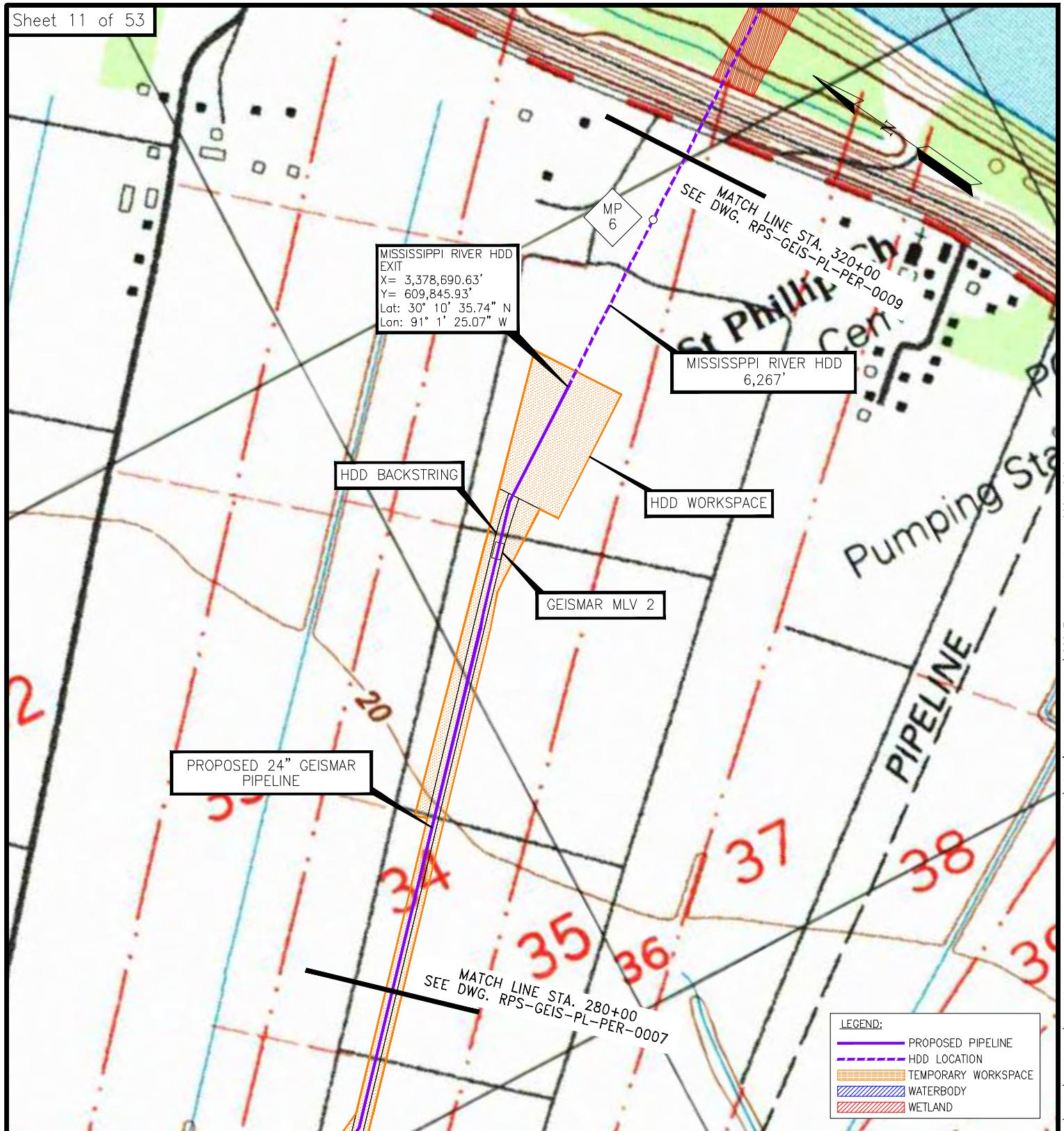
PREPARED BY: **PROJECT CONSULTING SERVICES, INC.**  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 833-3000 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 12-13-23  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 240+00 TO 280+00

DWG. NO. RPS-GEIS-PL-PER-0007



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

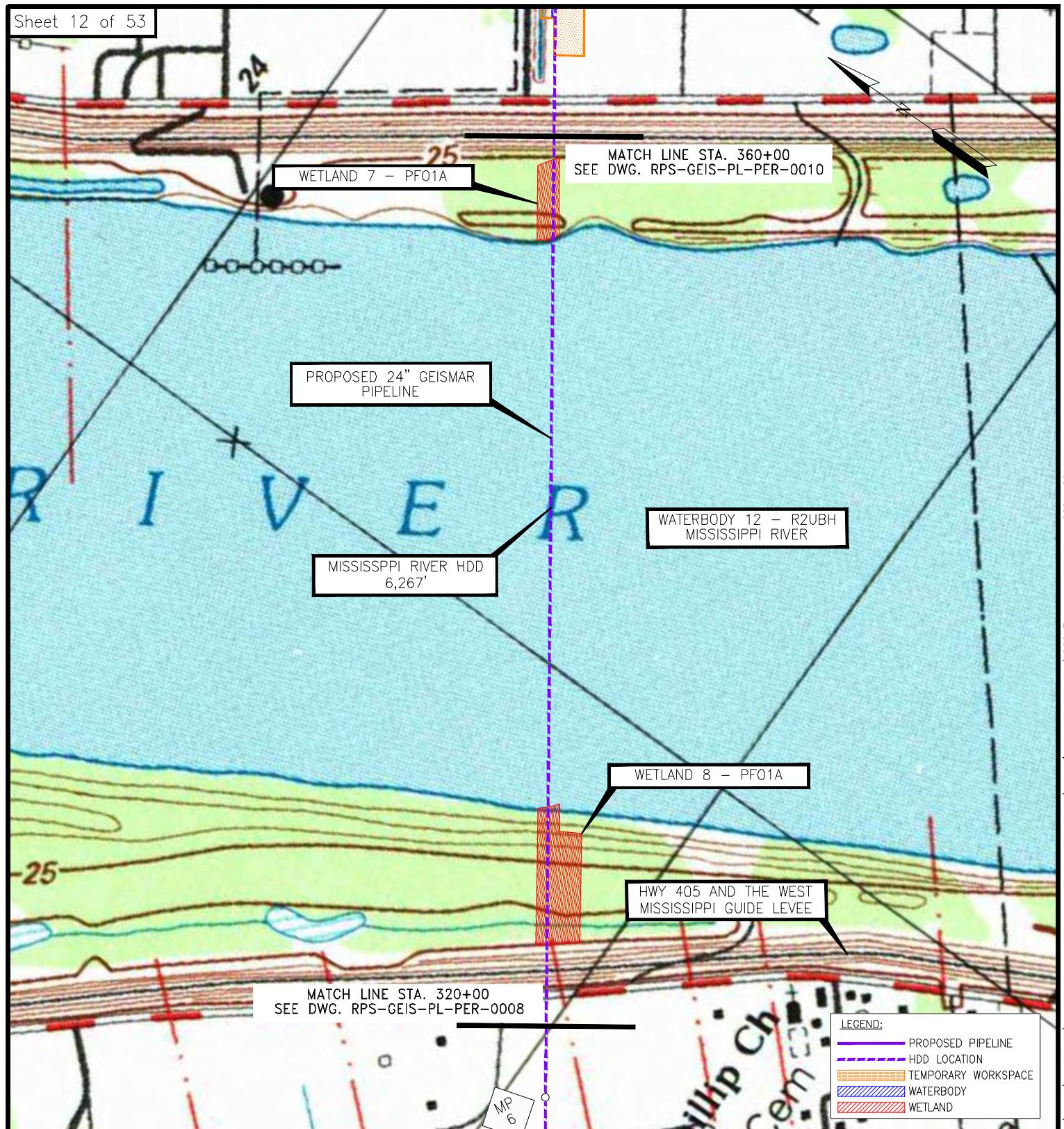
PREPARED BY:  
  
**PROJECT CONSULTING SERVICES, INC.**  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-4740  
(504) 833-3400 / FAX: (504) 833-4940  
www.projectconsulting.com

Revised Date: -  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 280+00 TO 320+00

DWG. NO. RPS-GEIS-PL-PER-0008



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

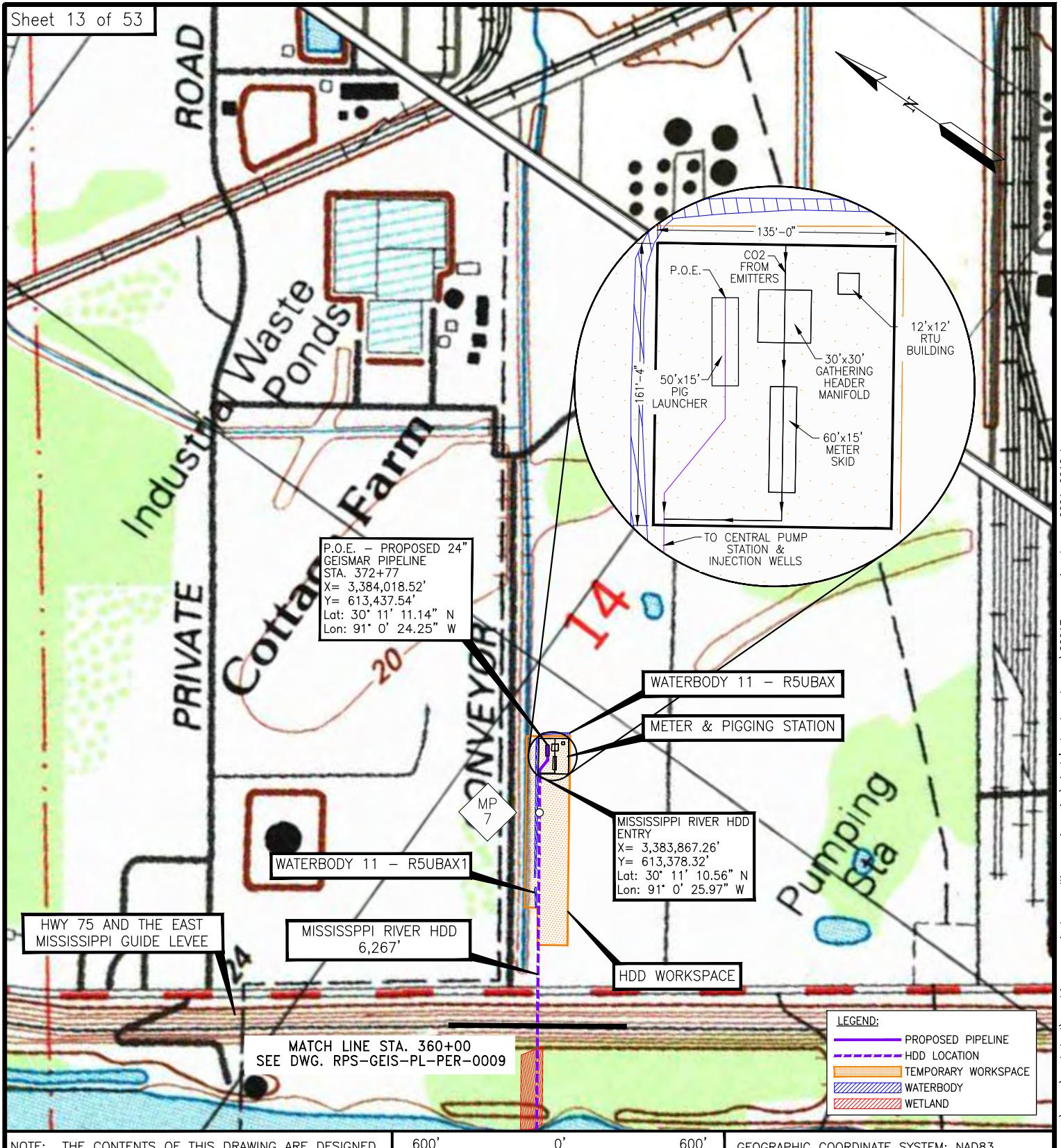
PREPARED BY:  PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 833-3400 | FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 320+00 TO 360+00

DWG. NO. RPS-GEIS-PL-PER-0009



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
www.projectconsulting.com

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

GEISMAR PIPELINE  
STA. 360+00 TO 372+77

DWG. NO. RPS-GEIS-PL-PER-0010

THIS PAGE LEFT  
BLANK INTENTIONALLY

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: NMS

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 833-3400 | FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 2-7-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

DWG. NO. RPS-GEIS-PL-PER-0011

THIS PAGE LEFT  
BLANK INTENTIONALLY

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



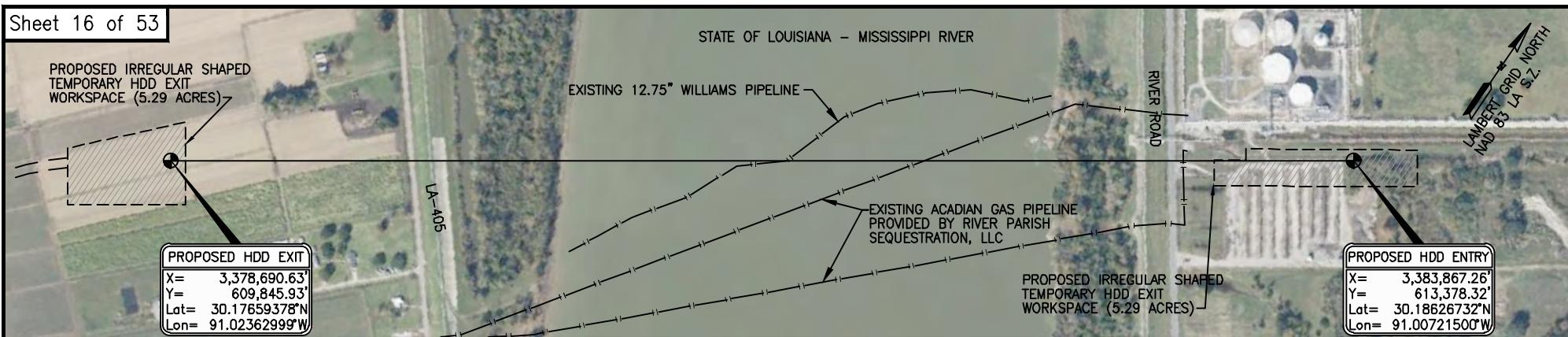
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 2-7-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

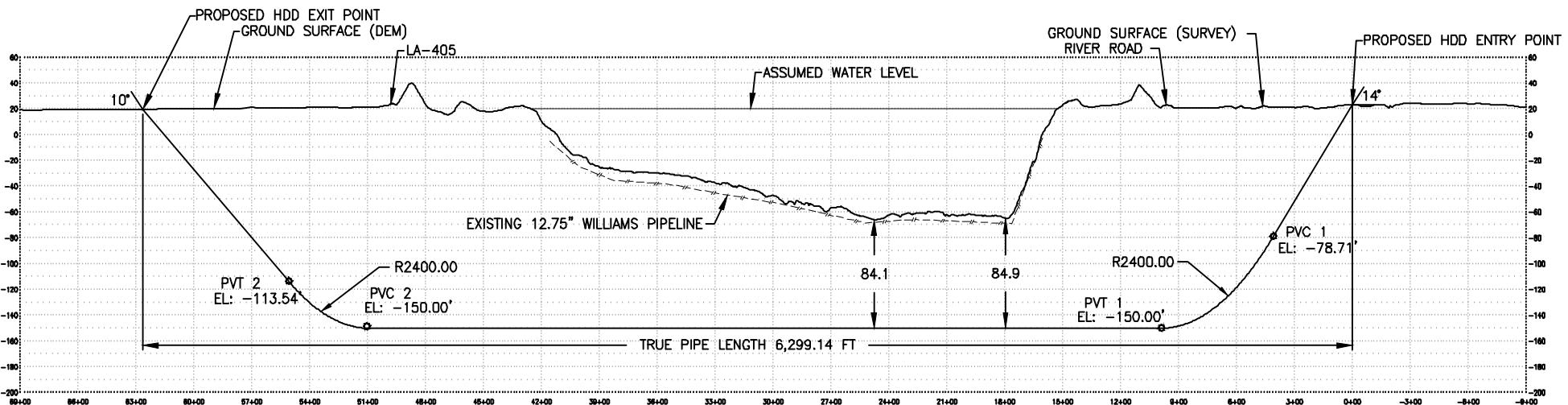
DWG. NO. RPS-GEIS-PL-PER-0012

## STATE OF LOUISIANA - MISSISSIPPI RIVER



## PLAN

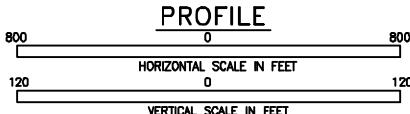
800 0 800  
SCALE IN FEET



DIRECTIONAL DRILL DATA 24-INCH MISSISSIPPI RIVER HDD		
DESCRIPTION	STATION (FT)	ELEVATION (FT)
ENTRY @ 14°	0+00.00	23.31
PVC1 (14.00° @ 2,400 FT R.)	4+09.19	-78.71
PVT1	9+89.81	-150.00
PVC2 (10.00° @ 2,400 FT R.)	50+93.58	-150.00
PVT2	55+10.34	-113.54
EXIT @ 10°	62+67.00	19.88
HORIZONTAL DISTANCE = 6,267.00 FT		
DIRECT DRILL PIPE LENGTH = 6,299.14 FT		

\* THE STATIONING IS BASED ON THE HDD ENTRY POINT.

NOTE :REFERENCE DRAWING - GEOENGINEERS 24-INCH MISSISSIPPI RIVER HDD, REV E, 6/21/23.

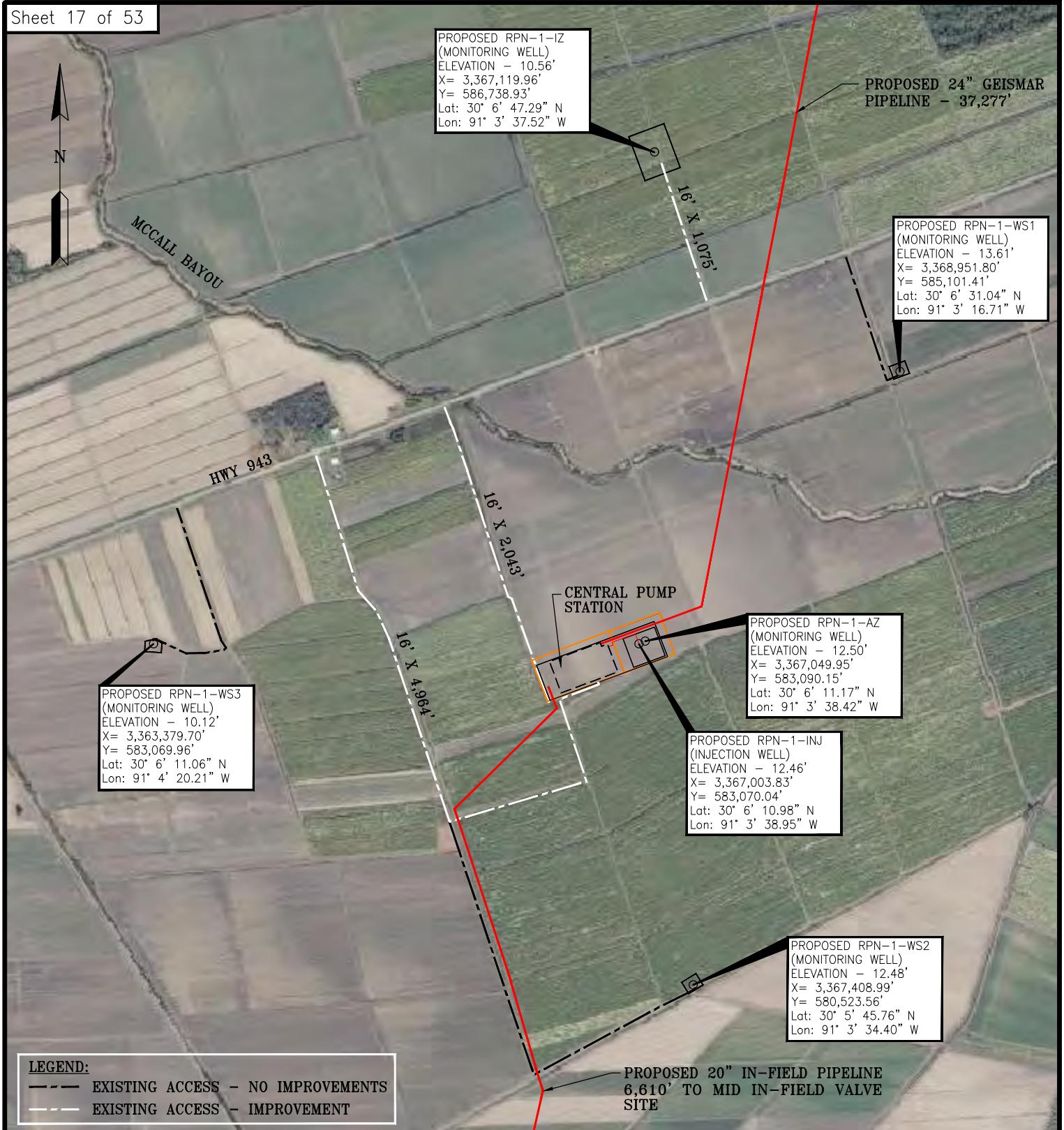


RIVER PARISH SEQUESTRATION, LLC

PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE, S, SUITE 500  
METAIRIE, LA 70002-7406  
(504) 833-5321 Fax (504) 833-4940  
www.projectconsulting.com

GEISMAR PIPELINE  
MISSISSIPPI RIVER HDD  
PLAN & PROFILE

DRAWN BY: PCS CHK'D. BY: PCS  
DATE: 6-21-23 APPRV. BY: PCS  
DWG. NO. RPS-GEIS-PL-PER-0101 REV B



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

1,000' 0' 1,000'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



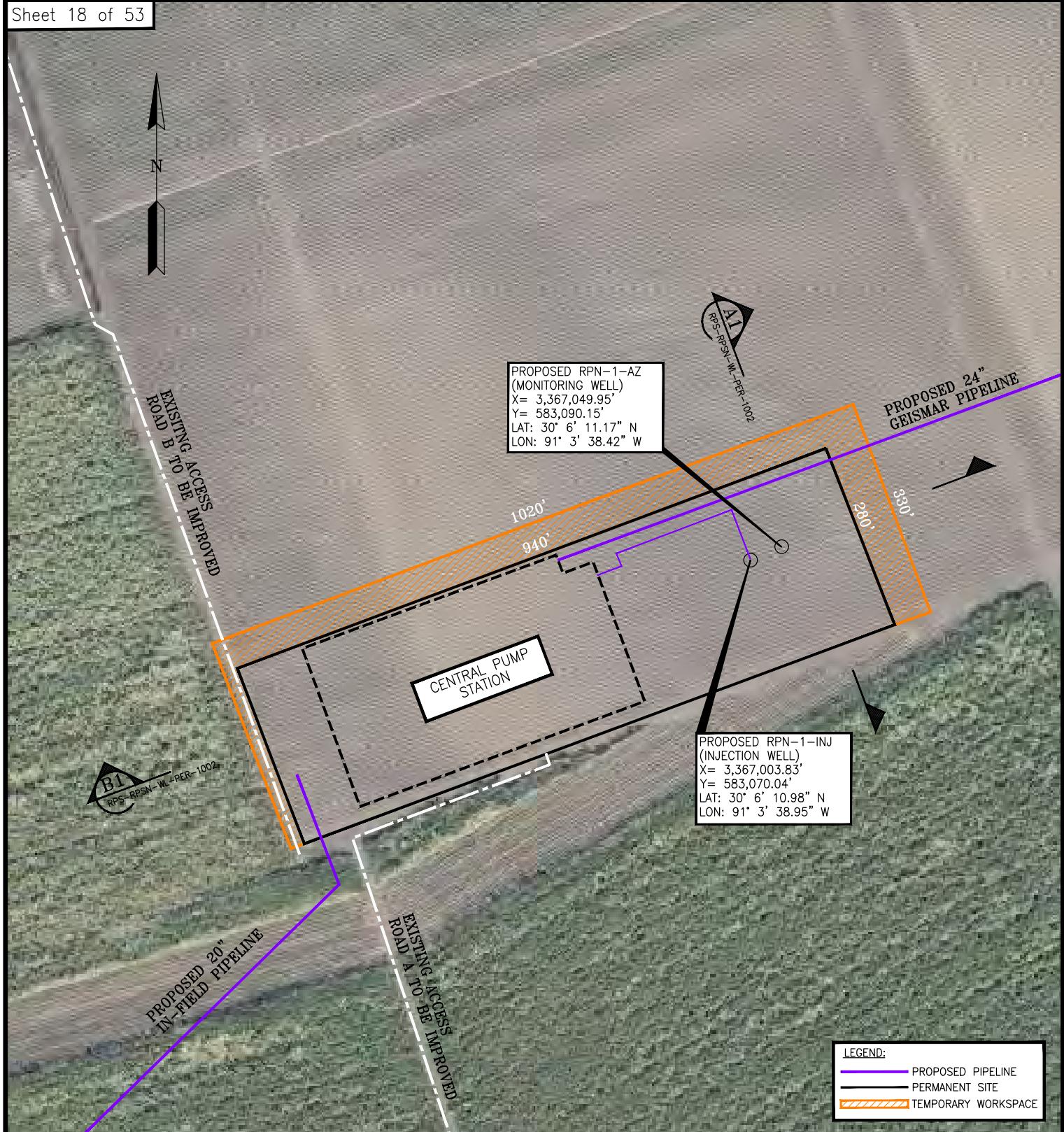
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSHIRE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-1 WELL SYSTEM VICINITY MAP

DWG. NO. RPS-RPSN-WL-PER-1000



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

200' 0' 200'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



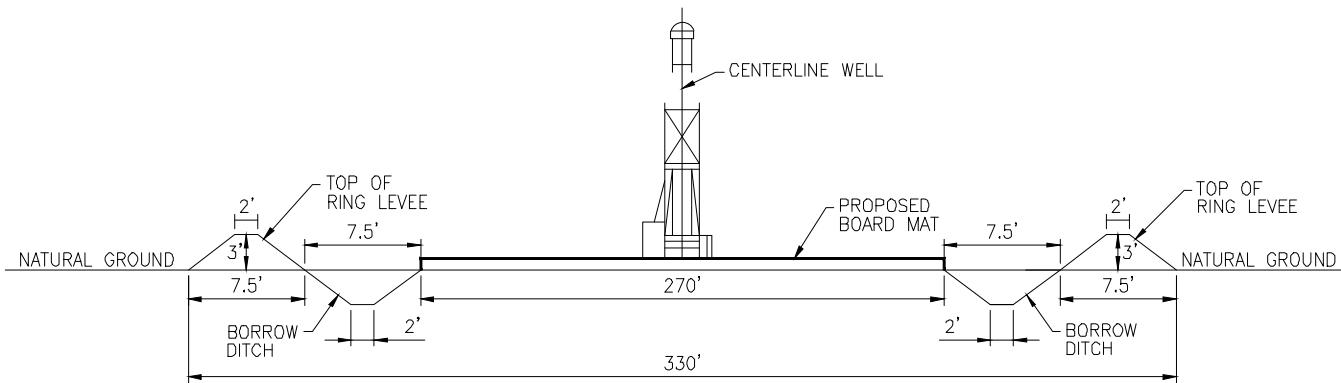
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSHIRE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

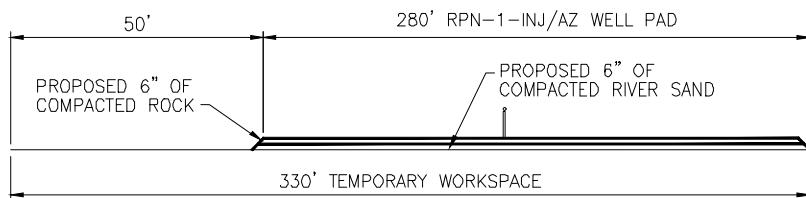
RPN-1-INJ WELL, AZ WELL & CENTRAL  
PUMP STATION

DWG. NO. RPS-RPSN-WL-PER-1001



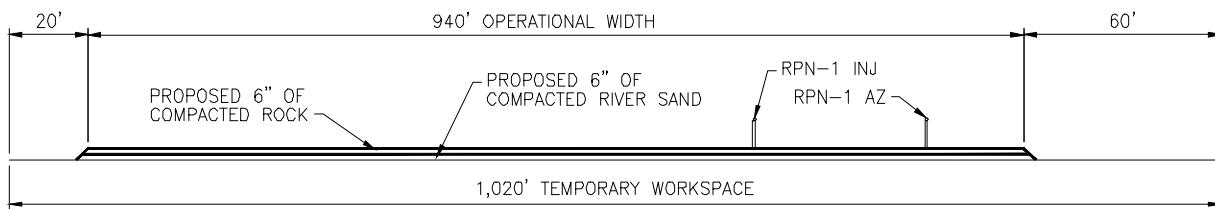
## TYPICAL CROSS SECTION OF DRILLSITE

NOT TO SCALE



## SECTION A1-A1 WELL SITE

NOT TO SCALE



## SECTION B1-B1 PUMP STATION & WELL SITE

NOT TO SCALE

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

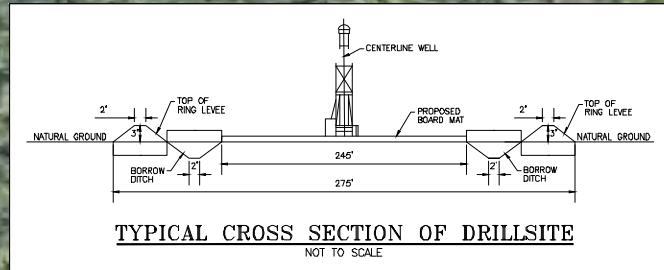
PREPARED BY:   
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 863-3400 • FAX: (504) 863-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

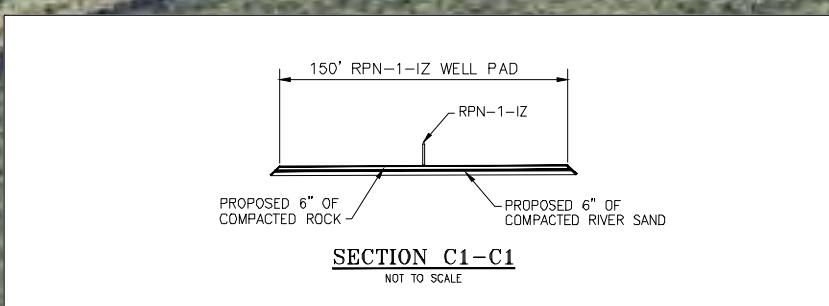
PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-1-INJ/AZ & CENTRAL PUMP STATION  
CROSS SECTIONS

DWG. NO. RPS-RPSN-WL-PER-1002



N



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

100' 0' 100'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



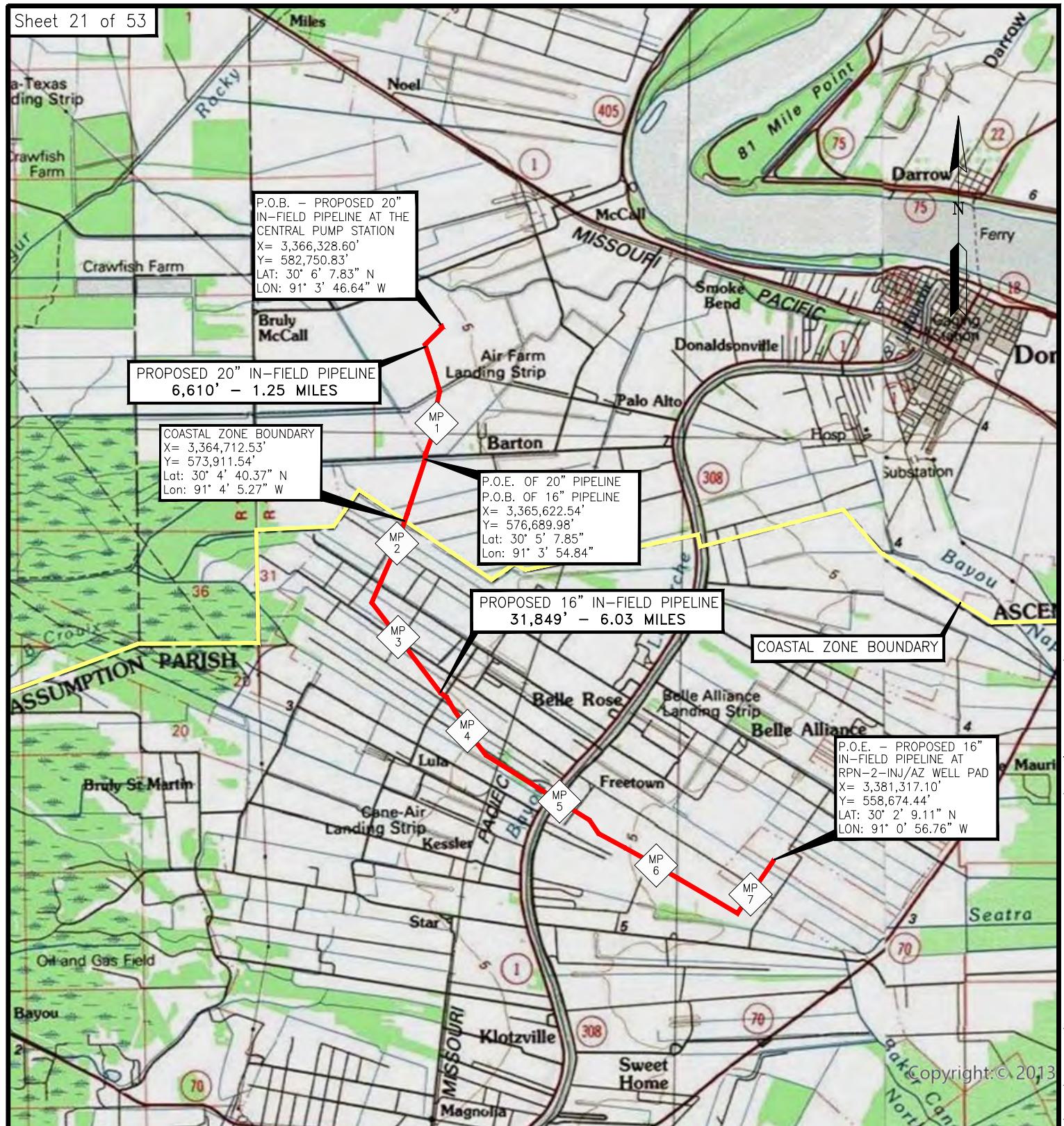
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 833-3400 / FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-1-IZ WELL SITE &amp; CROSS-SECTIONS

DWG. NO. RPS-RPSN-WL-PER-1003



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

6,000' 0' 6,000'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



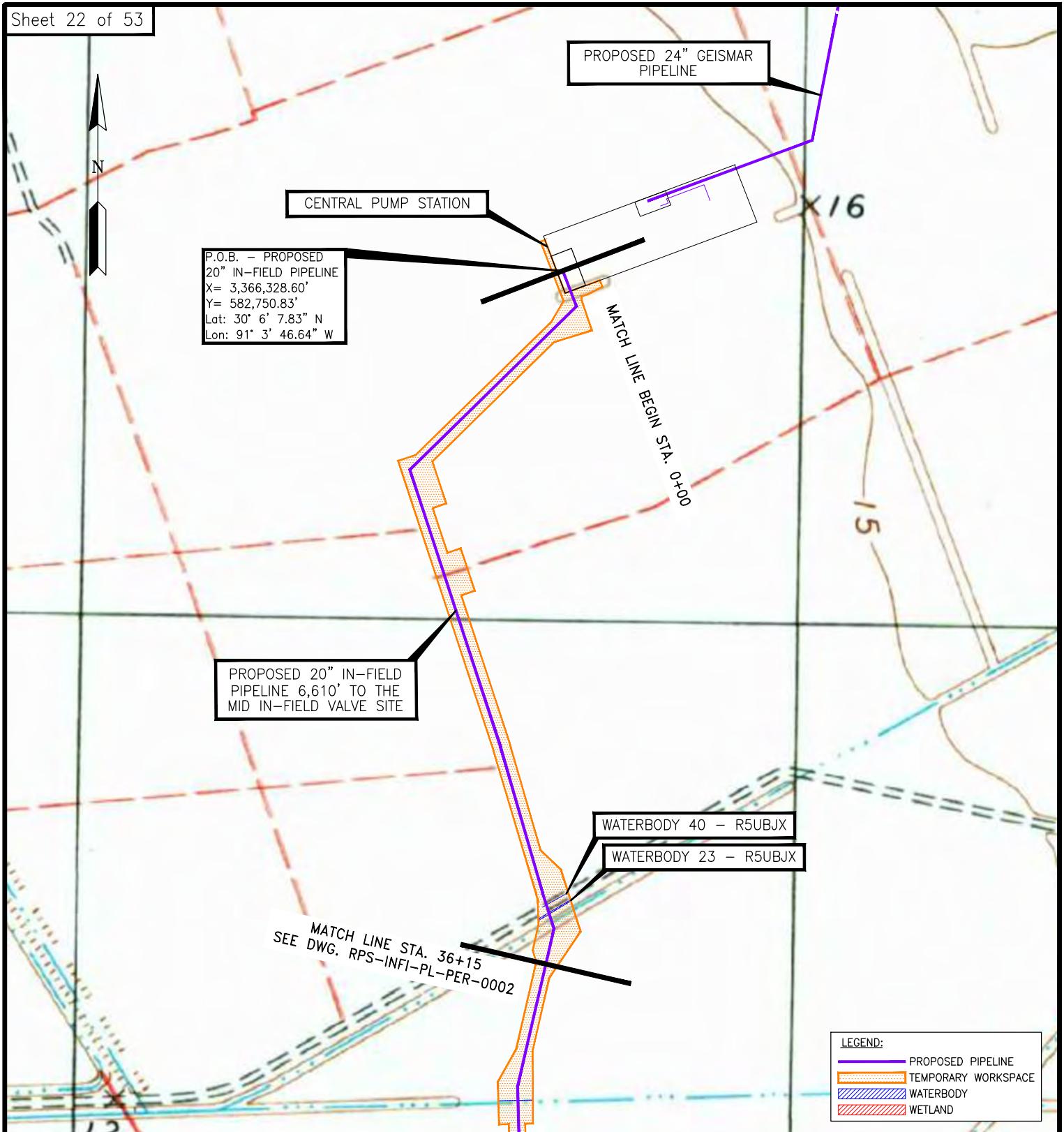
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70022-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
VICINITY MAP

DWG. NO. RPS-INF1-PL-PER-0000



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

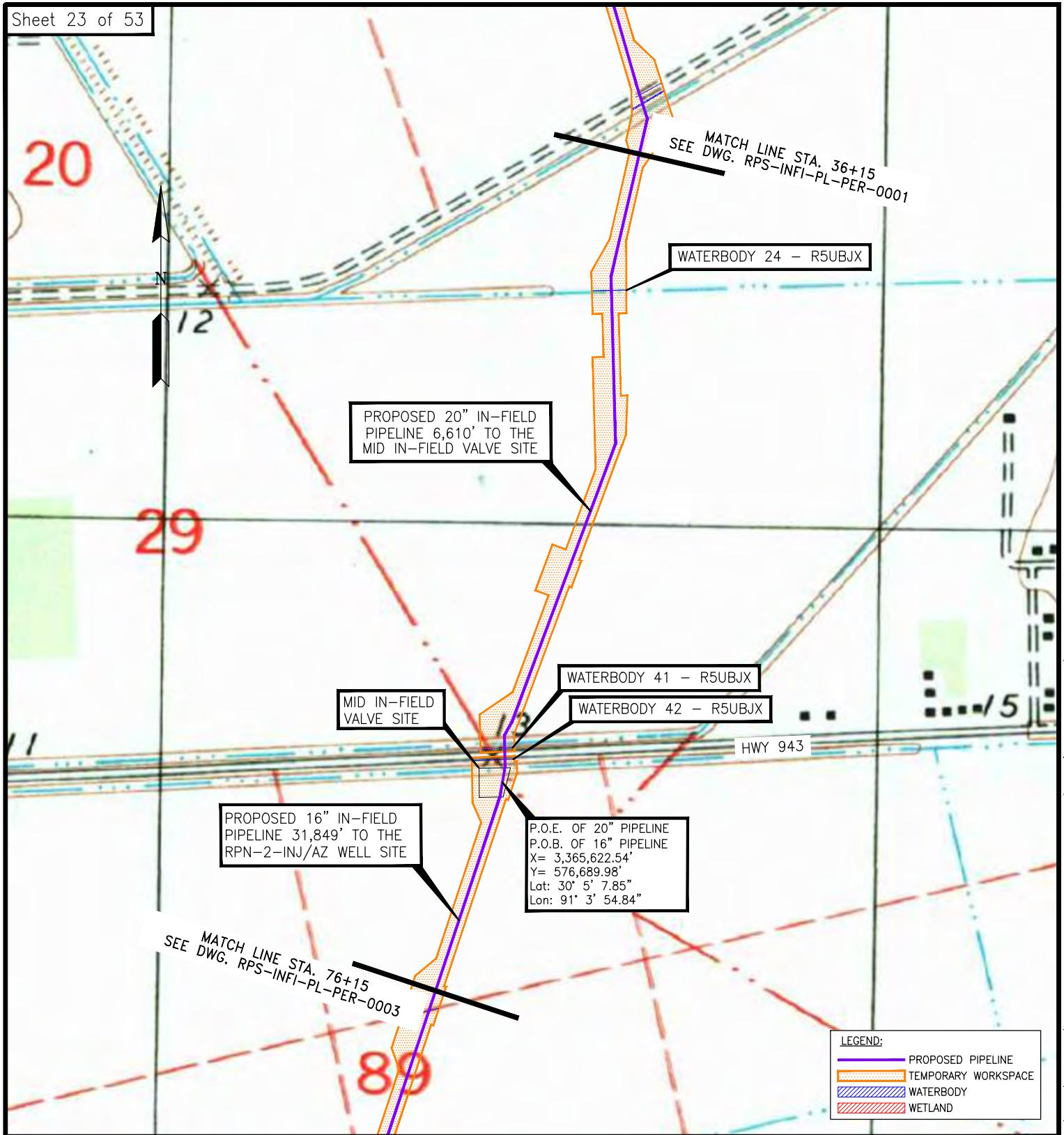
Checked By: AS  
Approved By: SW  
  
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARD, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 0+00 TO 36+15

DWG. NO. RPS-INFI-PL-PER-0001



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
 Project No.: 22017  
 Drawn By: NMS

Checked By: AS  
 Approved By: SW

PREPARED BY:



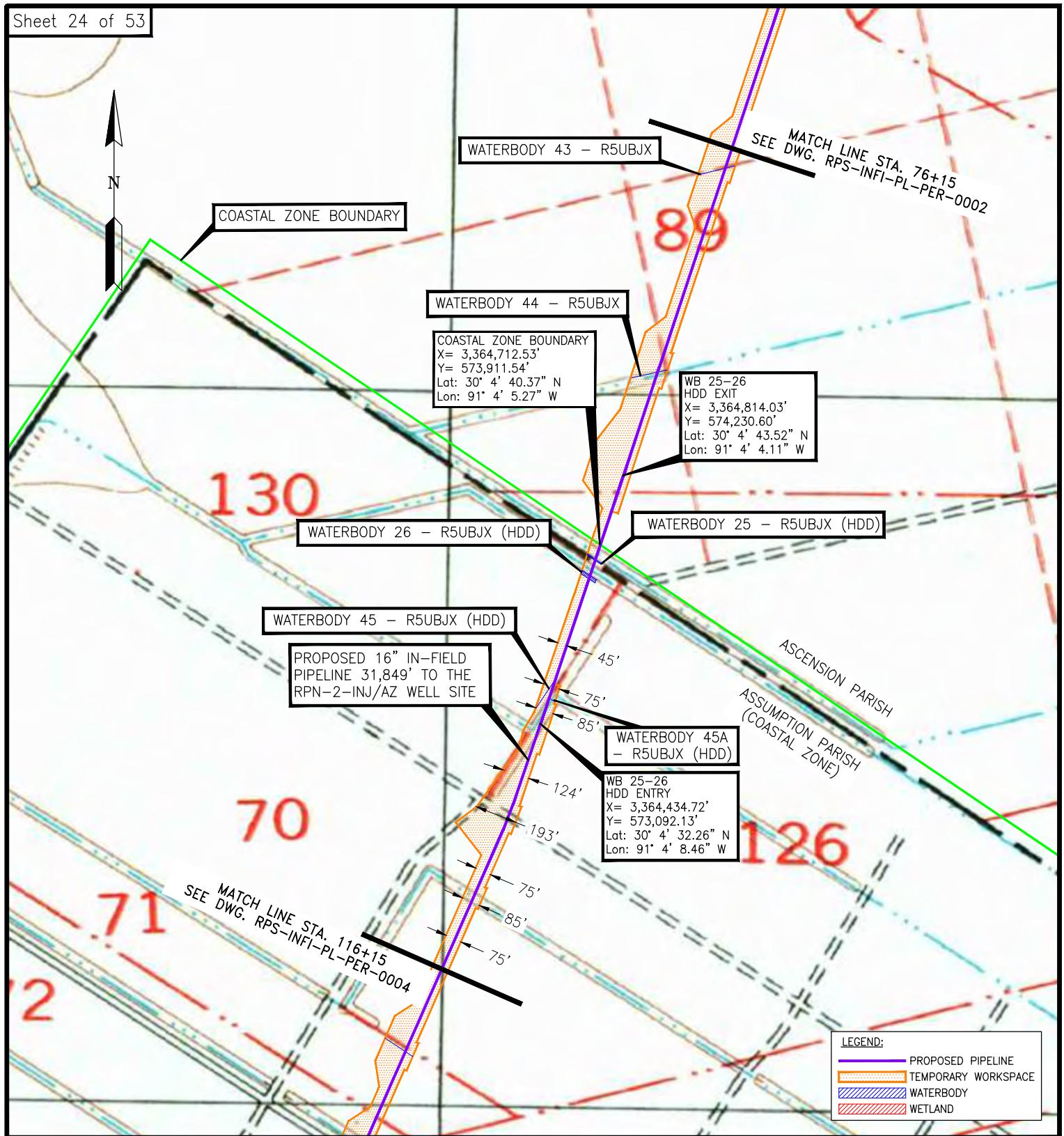
PROJECT CONSULTING SERVICES, INC.  
 3300 WEST ESPLANADE AVE. S., SUITE 500  
 METAIRIE, LA 70002-7400  
 (504) 833-3100 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
 Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
 ASCENSION AND ASSUMPTION PARISHES  
 LOUISIANA

IN-FIELD PIPELINE  
 STA. 36+15 TO 76+15

DWG. NO. RPS-INFI-PL-PER-0002



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



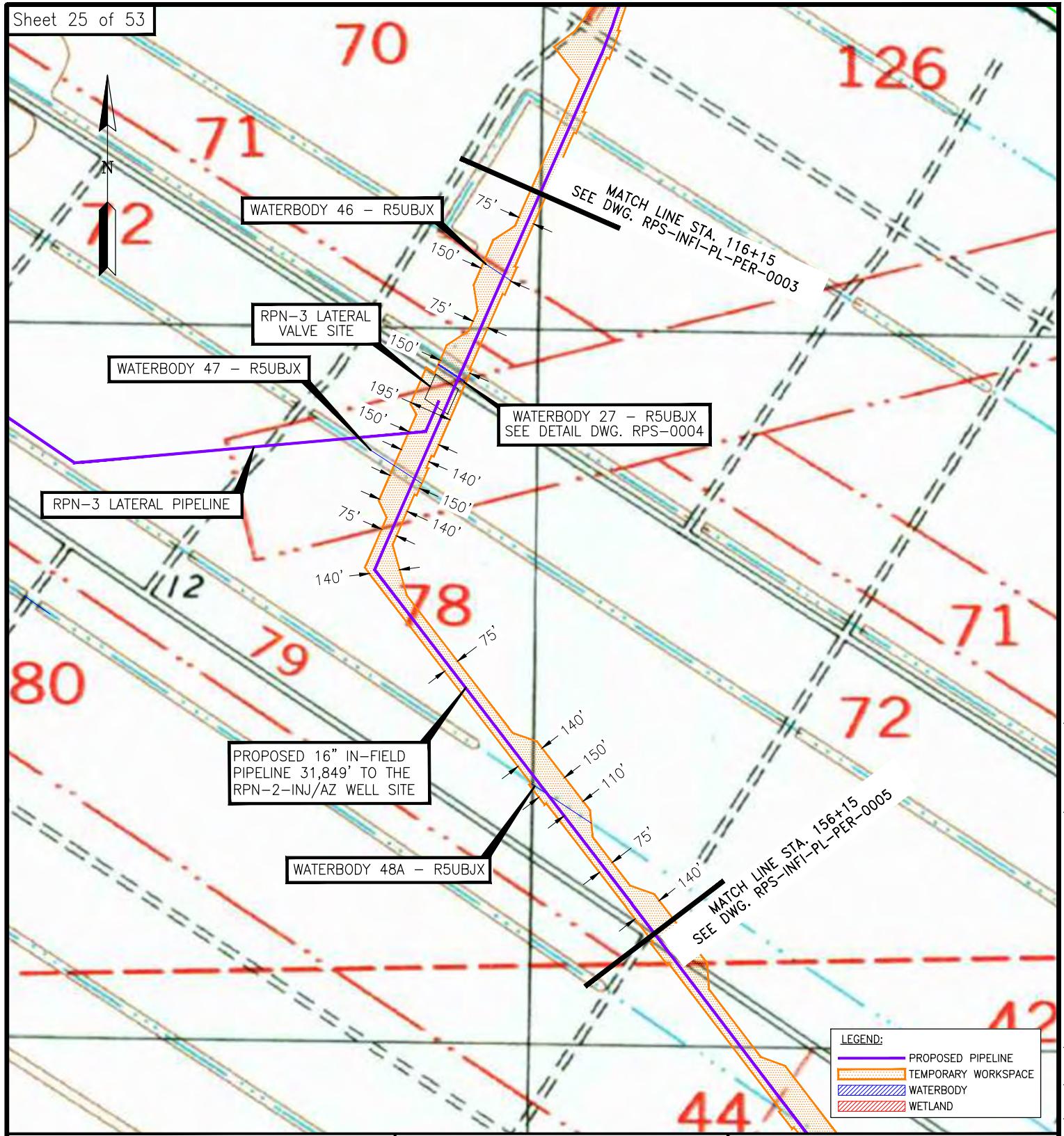
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARD, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 76+15 TO 116+15

DWG. NO. RPS-INFI-PL-PER-0003



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



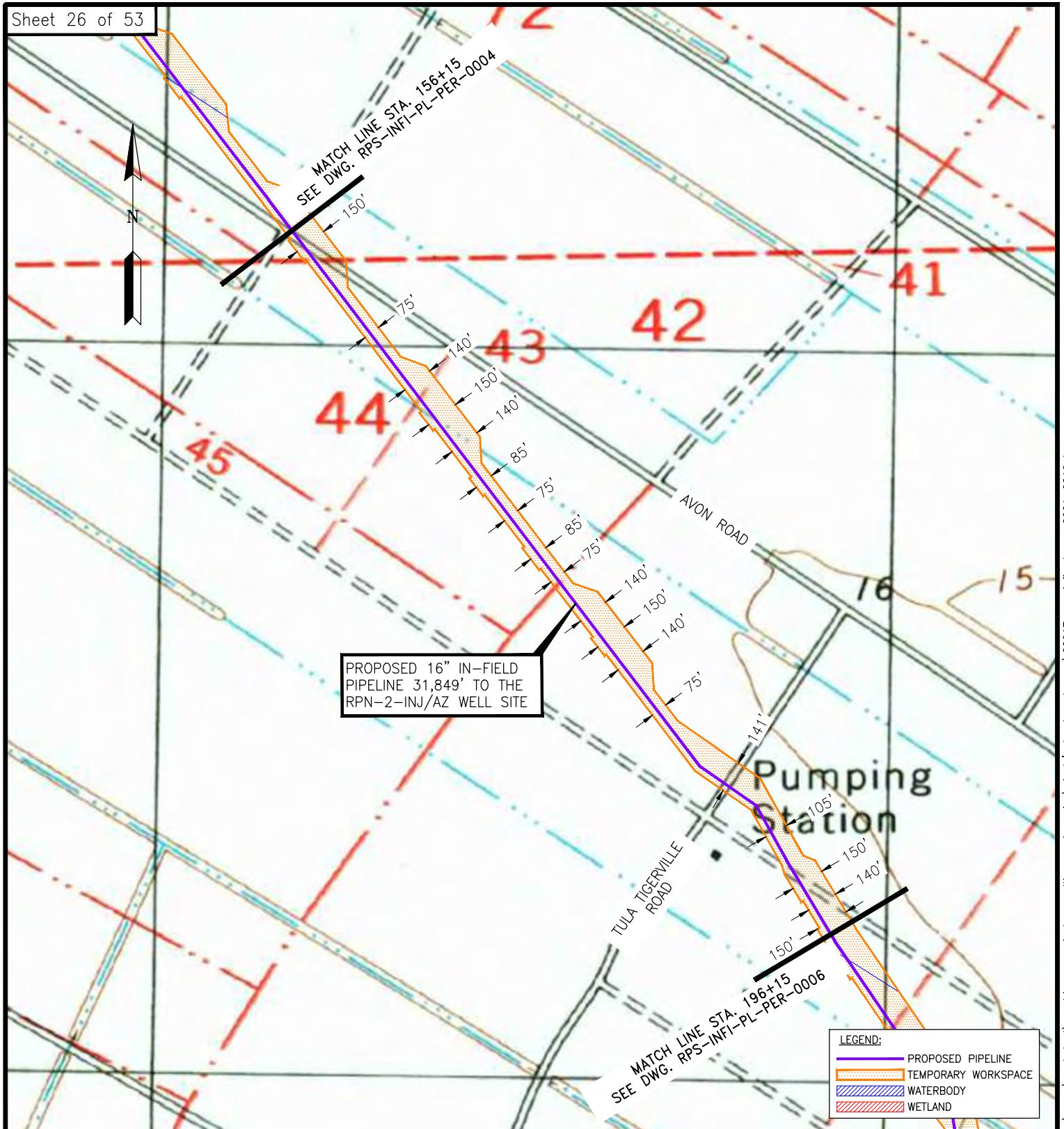
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-4700  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 116+15 TO 156+15

DWG. NO. RPS-INF1-PL-PER-0004



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

A horizontal scale bar representing 600 feet. It features a thick black line with a total length of 600 feet. At the left end, there is a vertical tick mark and the text '600''. At the right end, there is another vertical tick mark and the text '60'. Between these two ends, at the center, is a vertical tick mark with the text '0''. Below the scale bar, the text 'SCALE IN FEET' is centered.

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

## RIVER PARISH SEQUESTRATION, LLC

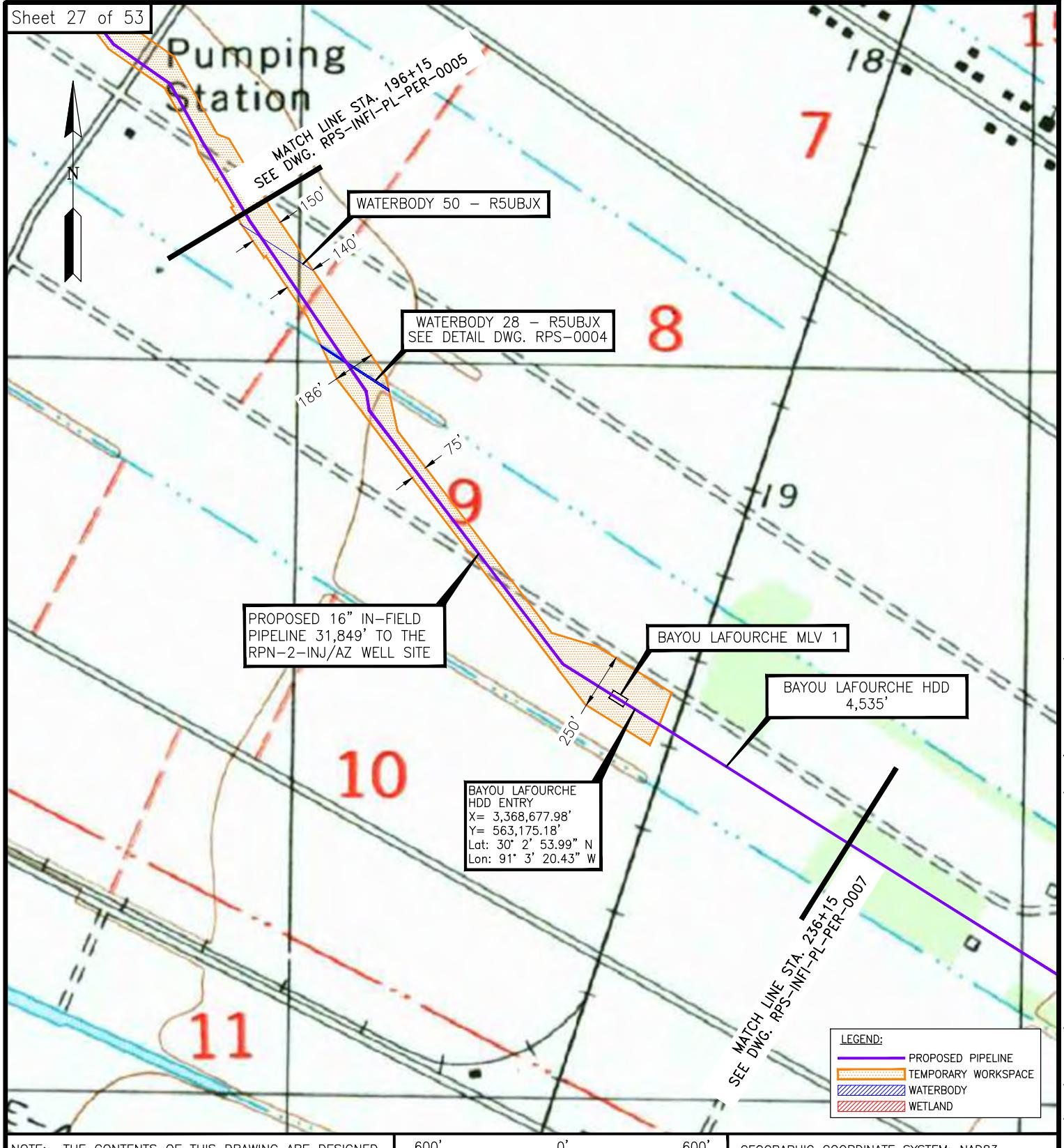
PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

**PROJECT CONSULTING SERVICES, INC.**

Revised Date: 3-21-24  
Revised Approved By: SW

DWG. NO. RPS-INF1-PL-PER-0005



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

## RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

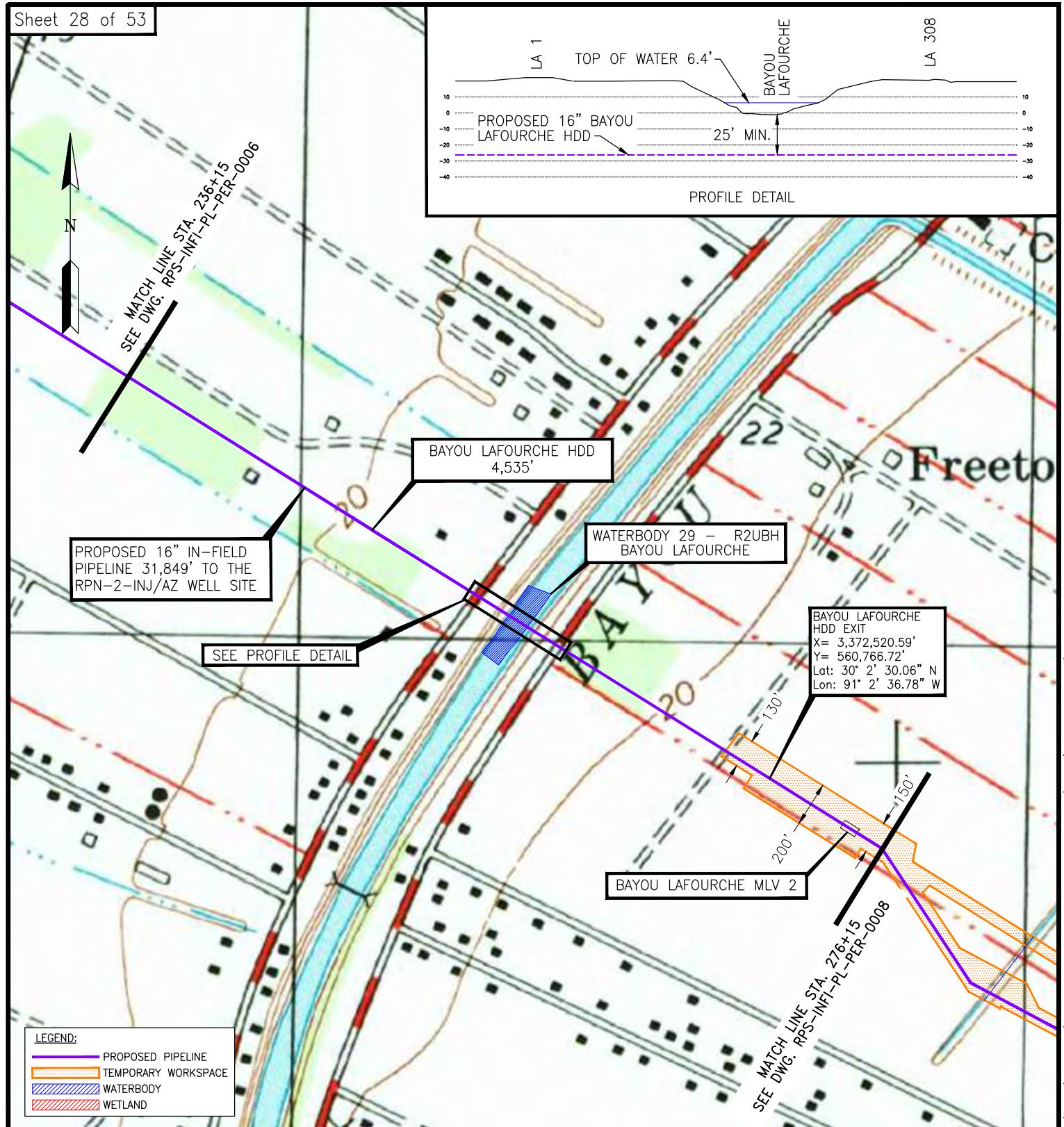
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPANADE AVE., S., SUITE 500  
METAIRIE, LA 70002-7406  
(504) 833-5321 Fax (504) 833-4940

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 196+15 TO 236+15

DWG. NO. RPS-INF1-PL-PER-0006



APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
 Project No.: 22017  
 Drawn By: NMS

Checked By: AS  
 Approved By: SW

PREPARED BY:



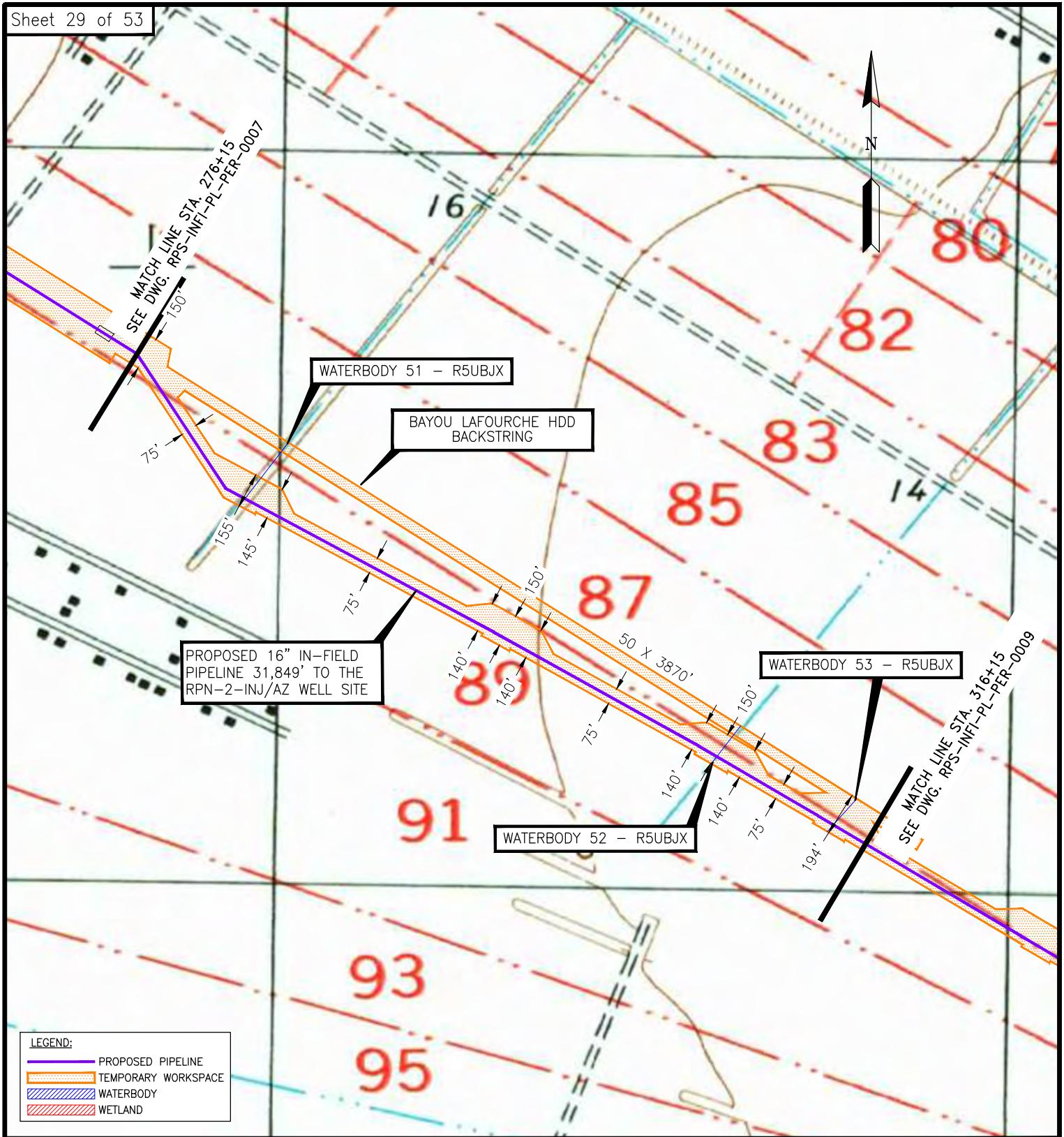
PROJECT CONSULTING SERVICES, INC.  
 3300 WEST ESPLANADE AVE. S., SUITE 500  
 METAIRIE, LA 70002-2740  
 (504) 353-3000 • FAX: (504) 353-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
 Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
 ASCENSION AND ASSUMPTION PARISHES  
 LOUISIANA

IN-FIELD PIPELINE  
 STA. 236+15 TO 276+15

DWG. NO. RPS-INFI-PL-PER-0007



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: NMS

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

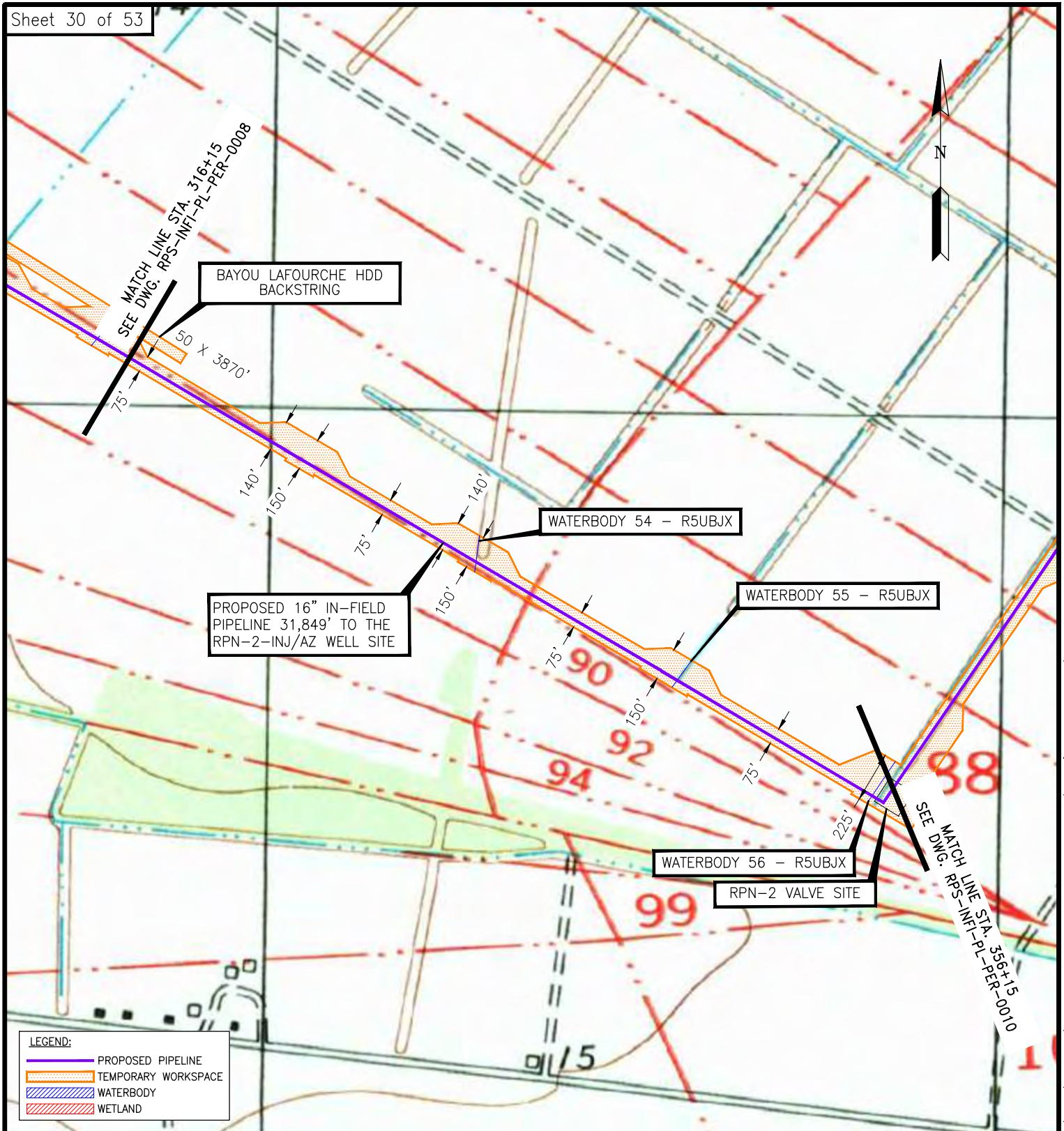
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARD, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 276+15 TO 316+15

DWG. NO. RPS-INFI-PL-PER-0008



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: NMS

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

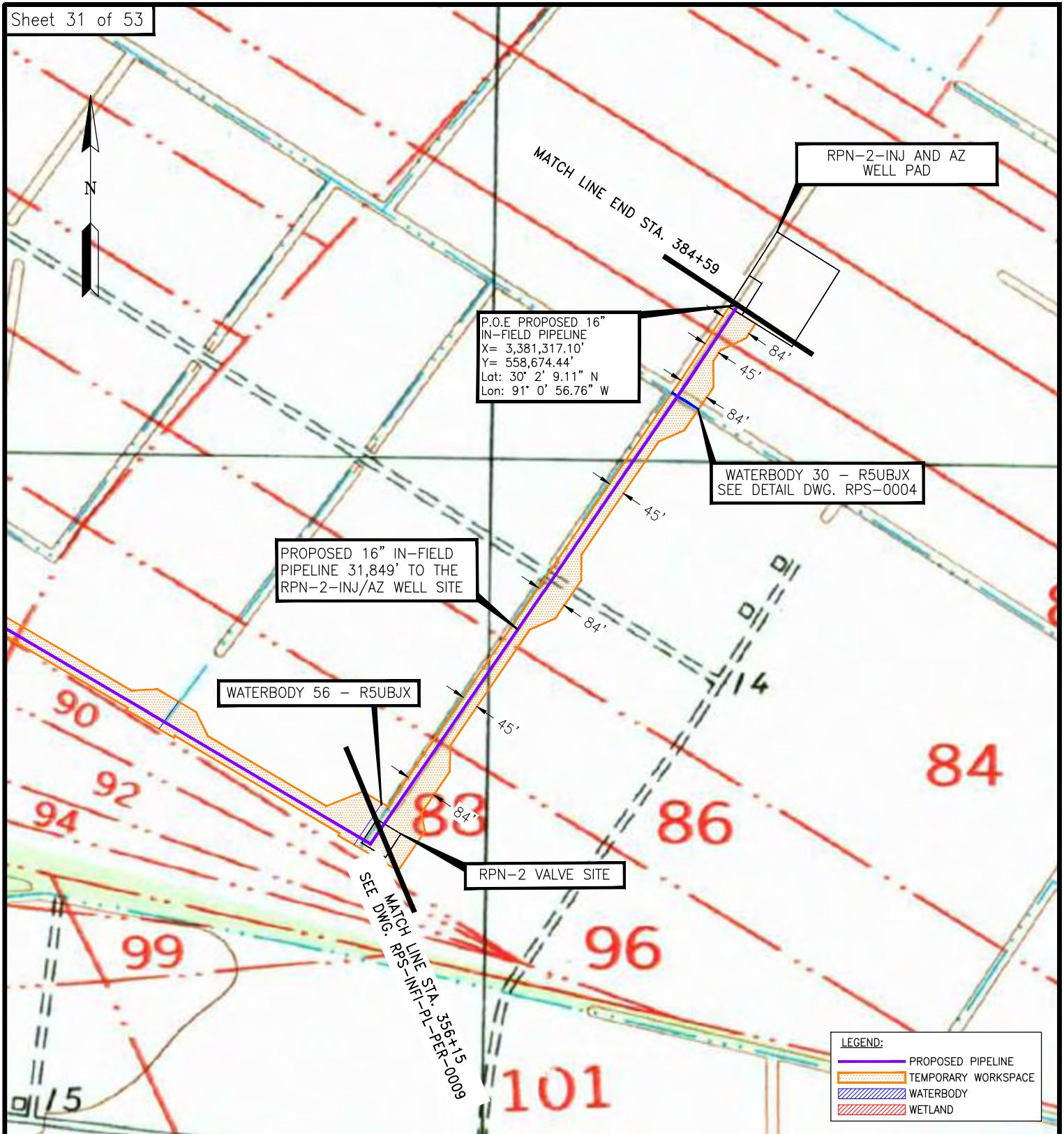
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSHIE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 316+15 TO 356+15

DWG. NO. RPS-INFI-PL-PER-0009



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



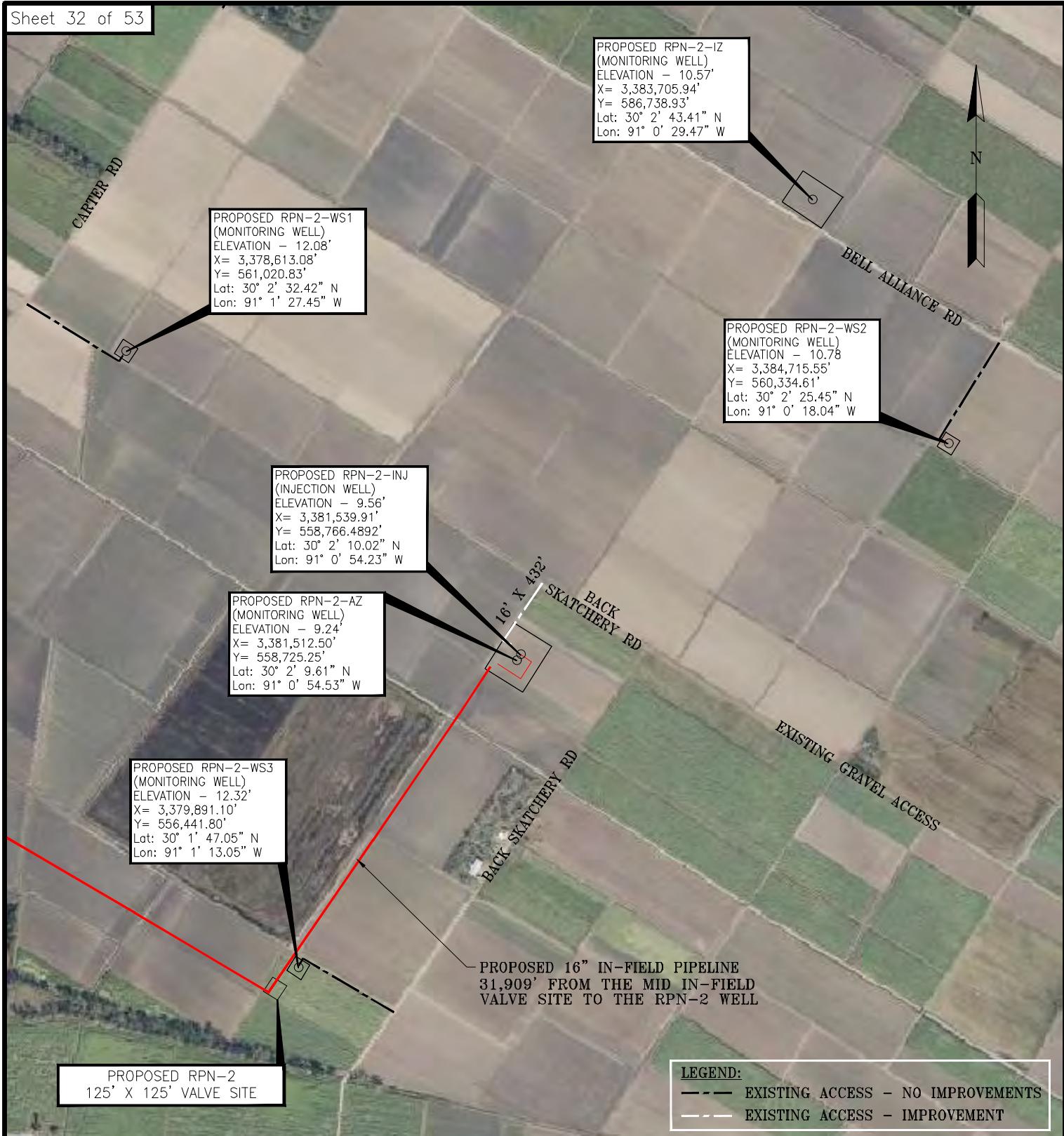
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-7400  
(504) 333-2100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 3-21-24  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
STA. 356+15 TO 384+59

DWG. NO. RPS-INF-PL-PER-0010



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

1,000' 0' 1,000'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



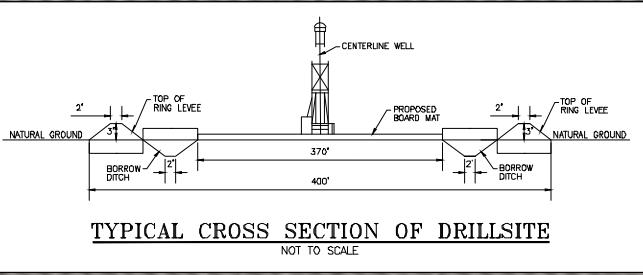
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7406  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

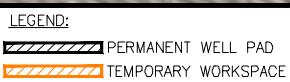
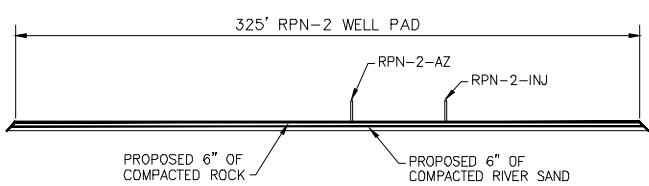
PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-2 WELL SYSTEM  
VICINITY MAP

DWG. NO. RPS-RPSN-WL-PER-2000



EXISTING  
ROAD TO  
ACCESS  
TO BE IMPROVED



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

100' 0' 100'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

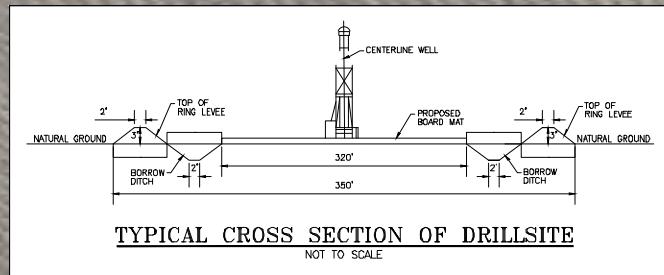
PREPARED BY:  
  
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

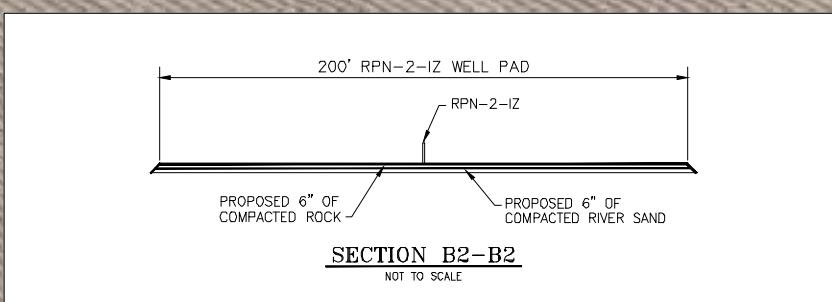
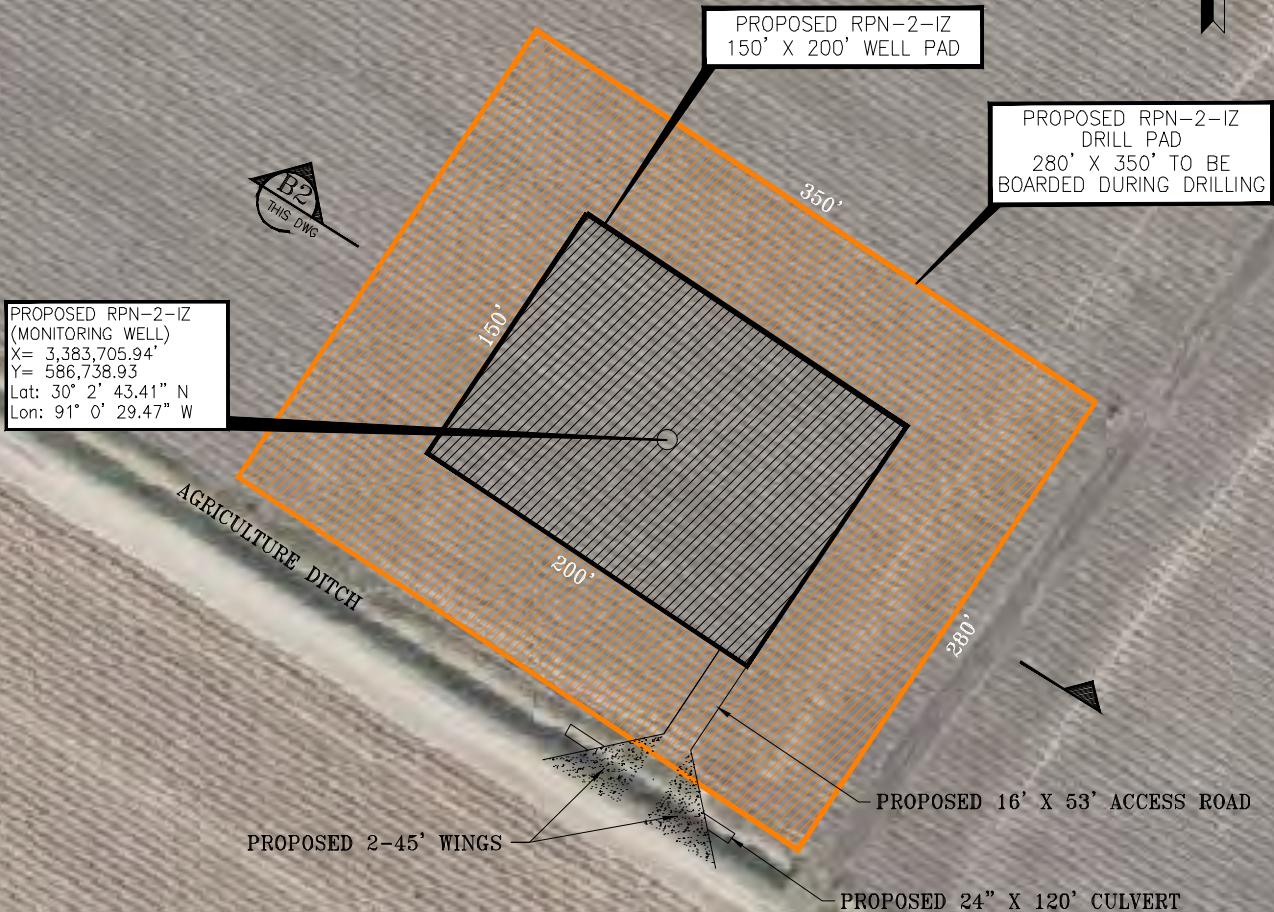
RPN-2-INJ/AZ WELL SITE AND  
CROSS SECTIONS

DWG. NO. RPS-RPSN-WL-PER-2001



**LEGEND:**

- PERMANENT WELL PAD
- TEMPORARY WORKSPACE



100' 0' 100'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: NMS

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

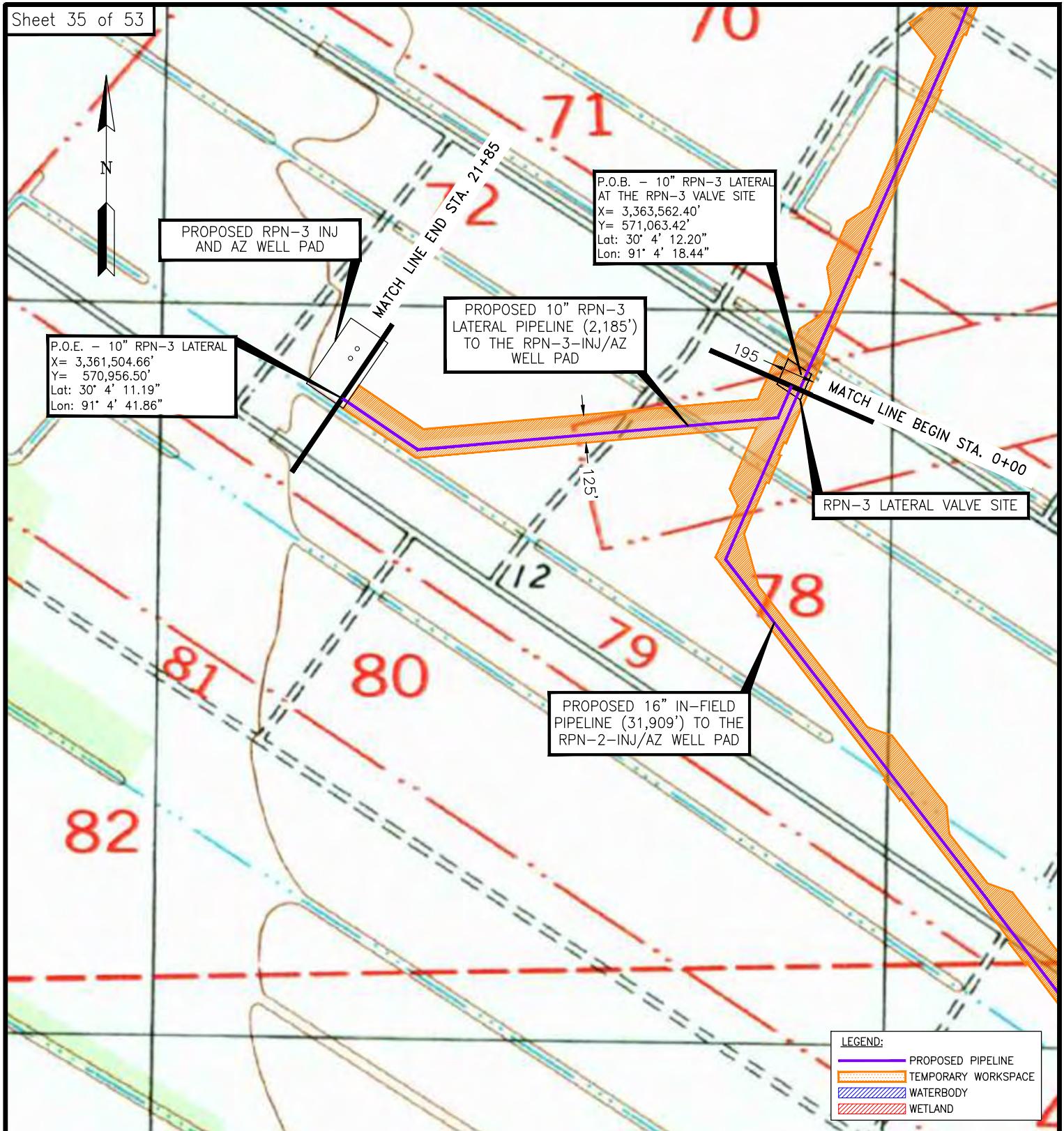
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70002-7400  
(504) 833-3400 • FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-2-IZ WELL SITE AND  
CROSS SECTIONS

DWG. NO. RPS-RPSN-WL-PER-2002



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

600' 0' 600'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



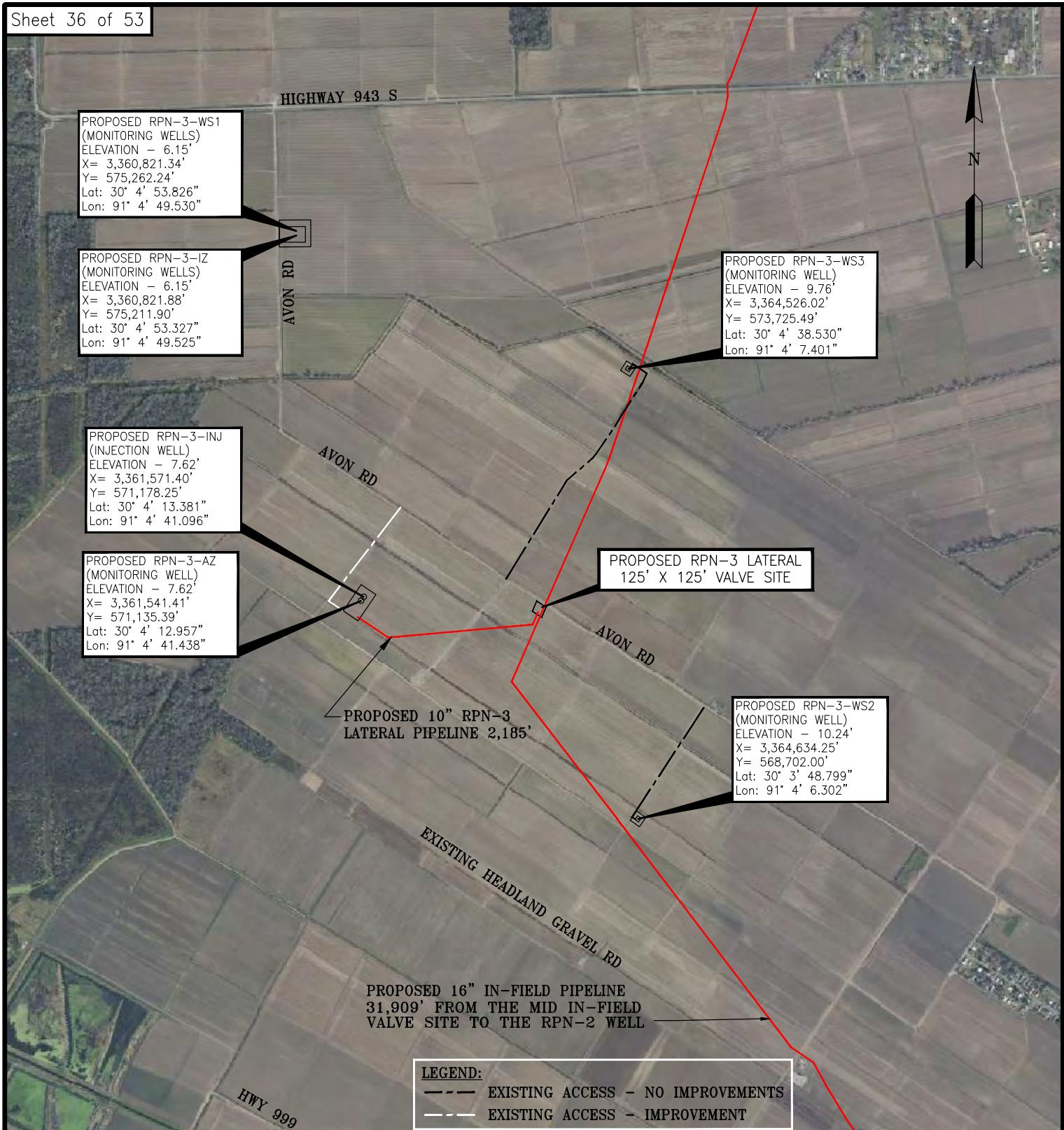
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE, S, SUITE 500  
MENARD, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-3 LATERAL PIPELINE  
STA. 0+00 TO 21+85

DWG. NO. RPS-INFI-PL-PER-3001



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

1,500' 0' 1,500'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



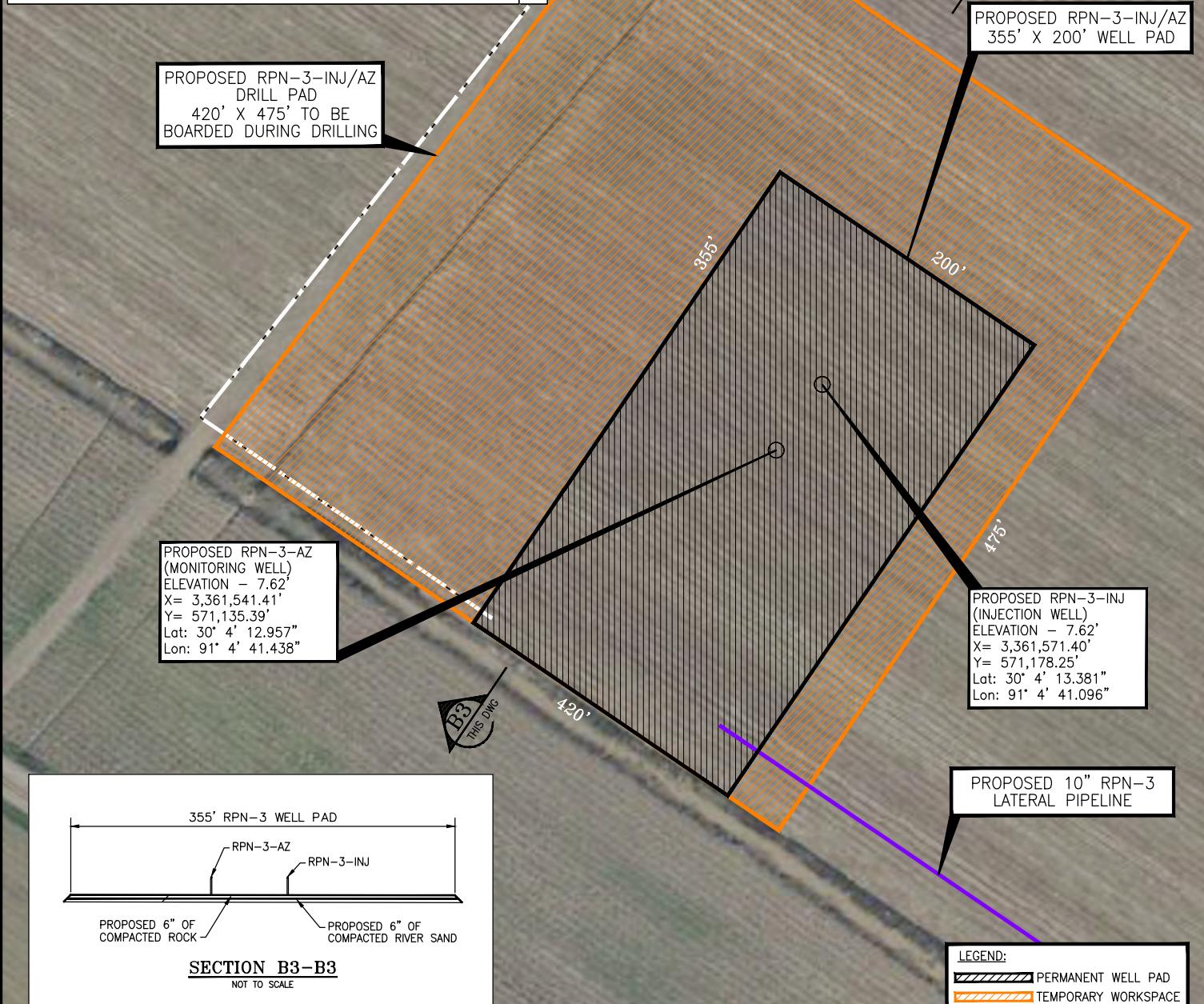
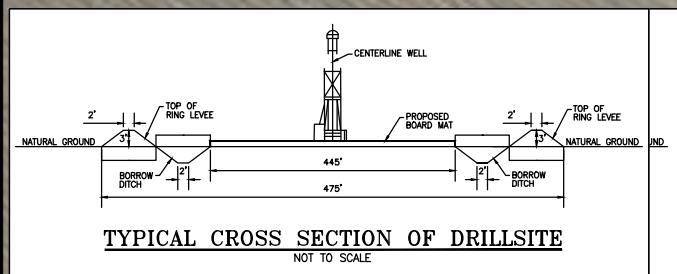
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-3 WELL SYSTEM  
VICINITY MAP

DWG. NO. RPS-RPSN-WL-PER-3000



NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

100' 0' 100'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



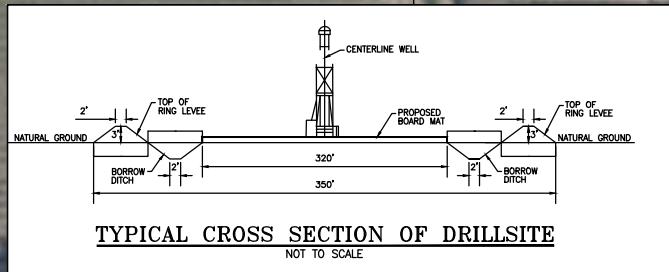
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

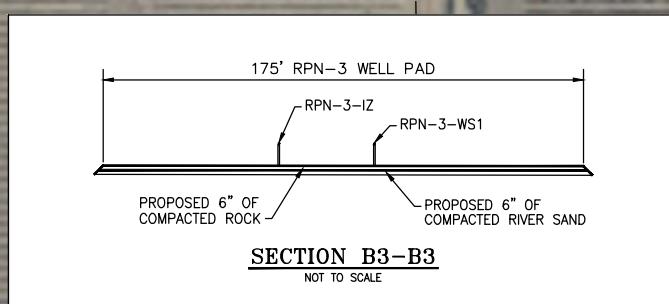
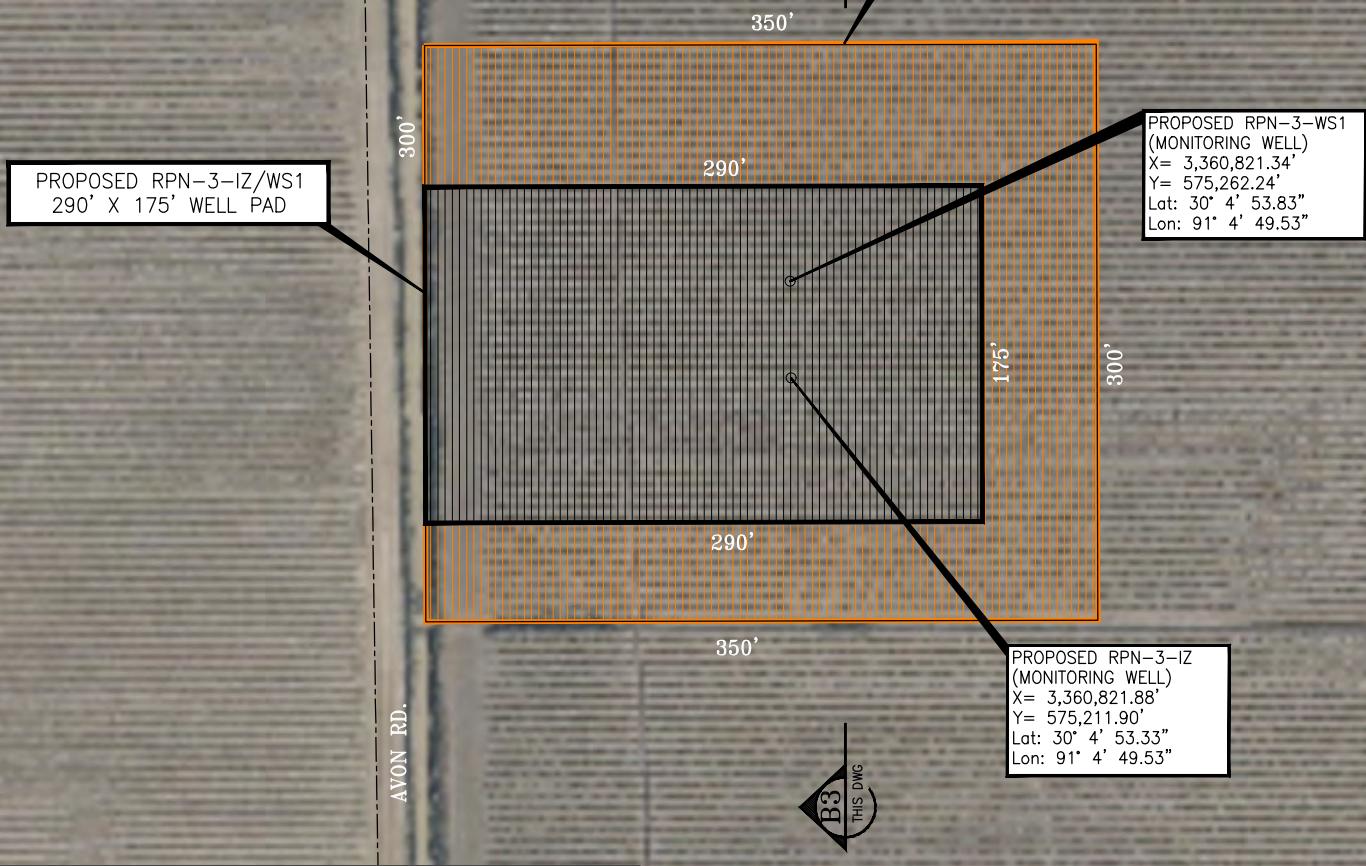
PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

RPN-3-INJ/AZ WELL SITE AND  
CROSS SECTIONS

DWG. NO. RPS-RPSN-WL-PER-3001



PROPOSED RPN-3-IZ/WS1  
DRILL PAD  
350' X 300' TO BE  
BOARDED DURING DRILLING



**LEGEND:**  
 PERMANENT WELL PAD  
 TEMPORARY WORKSPACE

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

100' 0' 100'  
SCALE IN FEET

GEOGRAPHIC COORDINATE SYSTEM: NAD83,  
LOUISIANA STATE PLANE, SOUTH ZONE, U.S.  
FOOT (LA83-SF-MOD).

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: NMS

Checked By: AS  
Approved By: SW

PREPARED BY:



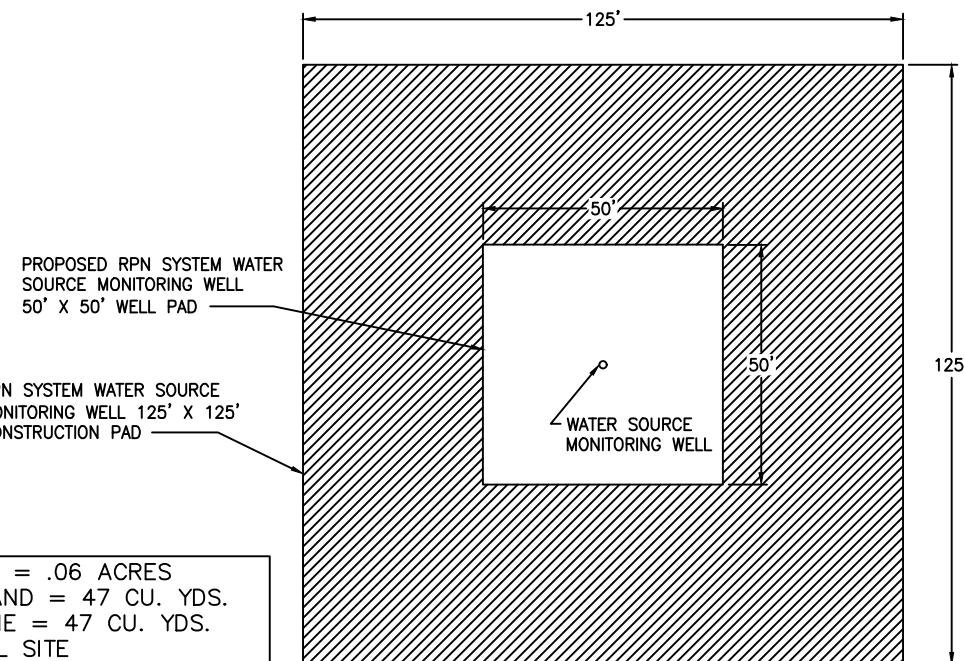
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENSAIRE, LA 70002-7400  
(504) 333-3100 • FAX: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

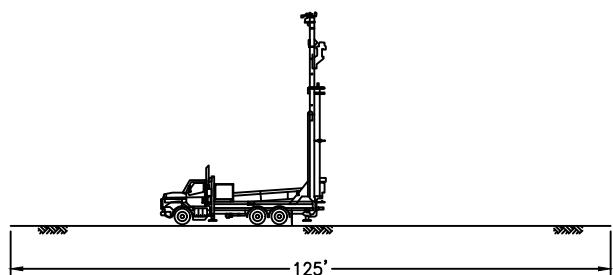
RPN-3-IZ/WS1 WELL SITE AND  
CROSS SECTIONS

DWG. NO. RPS-RPSN-WL-PER-3002



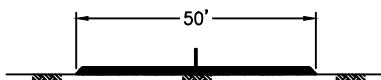
## PLAN VIEW RPN SYSTEM WATER SOURCE MONITORING WELLS

NOT TO SCALE



## CONSTRUCTION WORKSPACE

NOT TO SCALE



## WATER SOURCE MONITORING WELL PAD

NOT TO SCALE

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

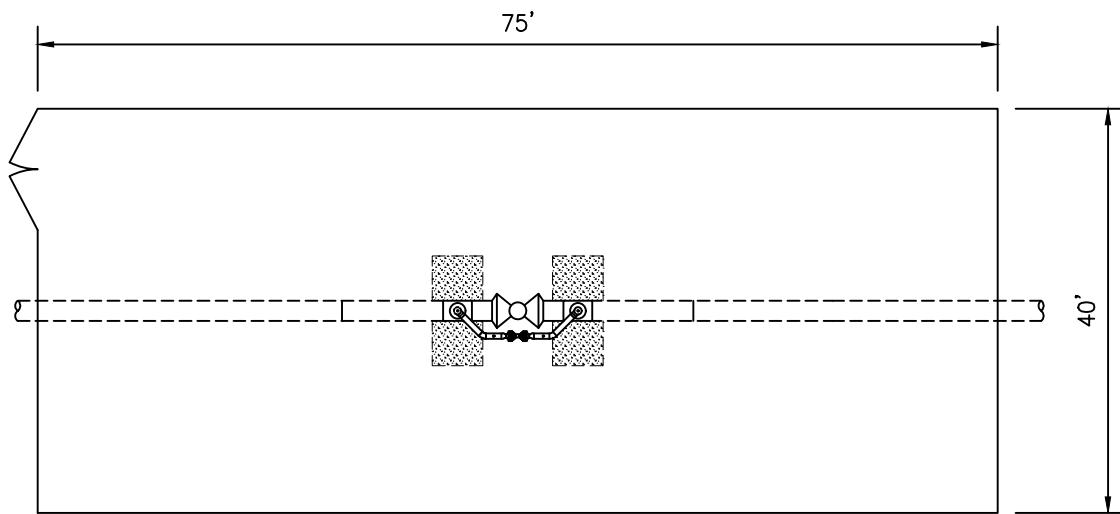
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-7400  
(504) 333-4400 Fax: (504) 333-4400  
[www.projectconsulting.com](http://www.projectconsulting.com)

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

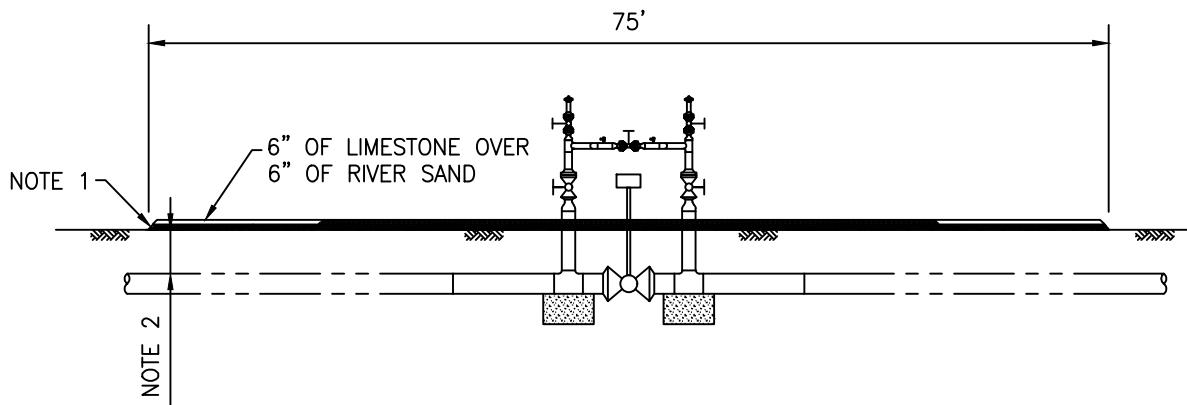
WATER SOURCE (WS)  
MONITORING WELL (TYPICAL)

DWG. NO. RPS-RPSN-WL-PER-1004

## MISSISSIPPI RIVER AND BAYOU LAFOURCHE MAIN LINE VALVES

PLAN VIEW

NOT TO SCALE

PROFILE

NOT TO SCALE

ACREAGE = .07  
 RIVER SAND = 55 CU. YDS.  
 LIMESTONE = 55 CU. YDS  
 PER VALVE SITE

## NOTES:

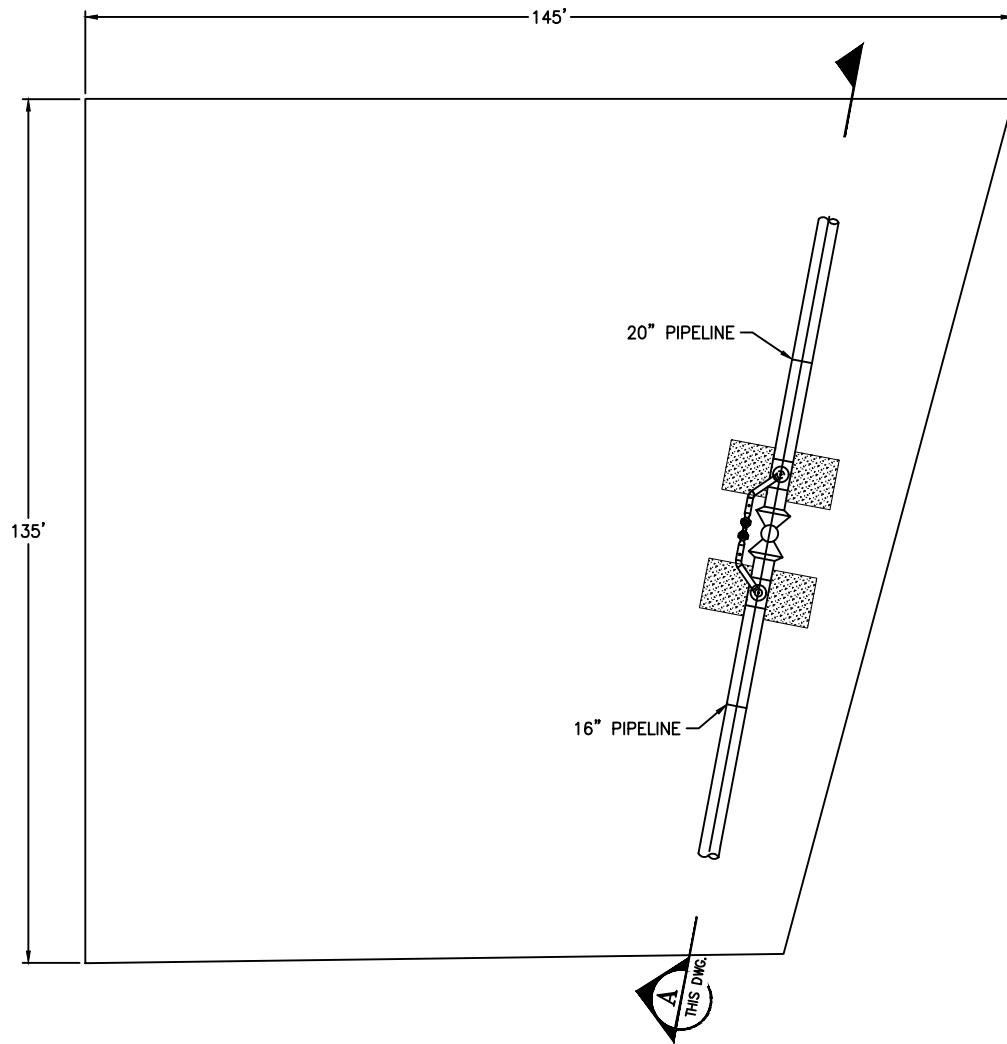
1. PERIMETER FENCE OMITTED FOR CLARITY.
2. DEPTH OF PIPELINE MAY VARY BASED ON SITE CONDITIONS.

RIVER PARISH SEQUESTRATION, LLC

PROJECT CONSULTING SERVICES, INC.  
 3300 WEST ESPLANADE AVE., S., SUITE 500  
 METAIRIE, LA 70002-7408  
 (504) 833-5321 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

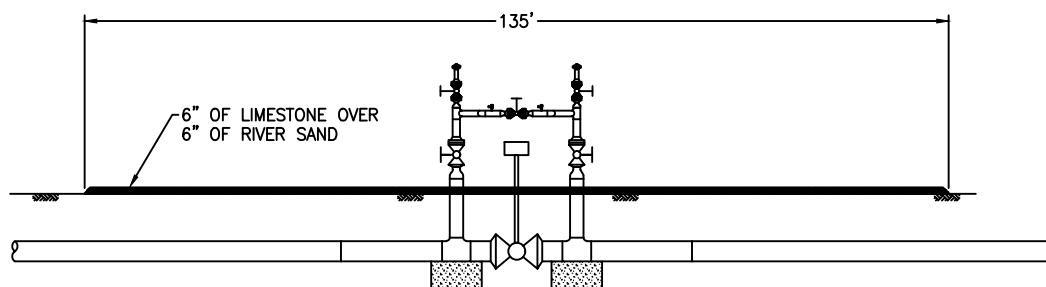
FIGURE 7  
 TYPICAL CONSTRUCTION  
 MAINLINE VALVE

DRAWN BY: PCS	CHK'D. BY: PCS
DATE: 6-16-23	APPRV. BY: PCS
DWG. NO. RPS-0007	



### PLAN VIEW

NOT TO SCALE



### SECTION A-A

NOT TO SCALE

ACREAGE = .39 ACRES  
RIVER SAND = 315 CU. YDS.  
LIMESTONE = 315 CU. YDS.

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

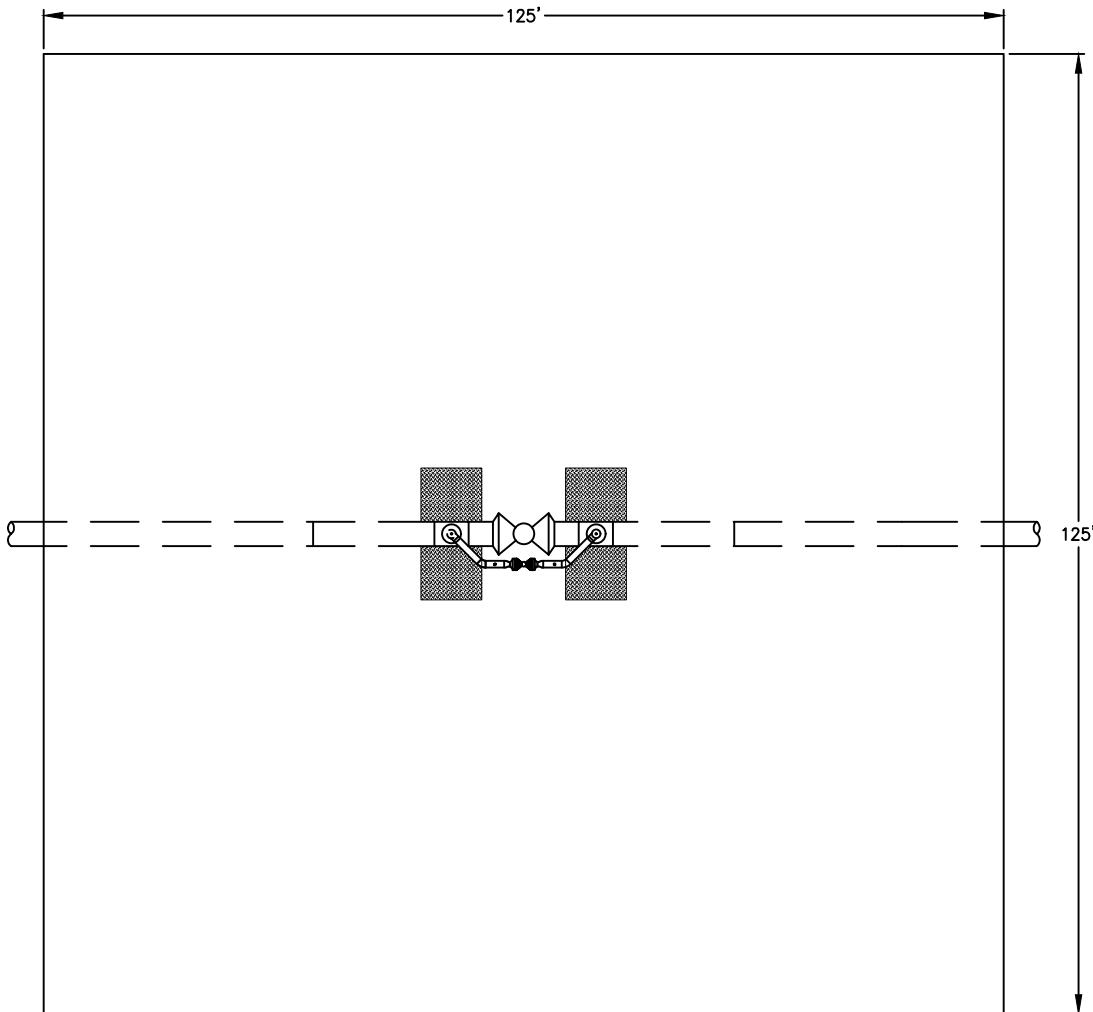
3300 WEST ESPLANADE AVE. S., SUITE 500  
METAIRIE, LA 70002-7406  
(504) 333-4900 Fax: (504) 333-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

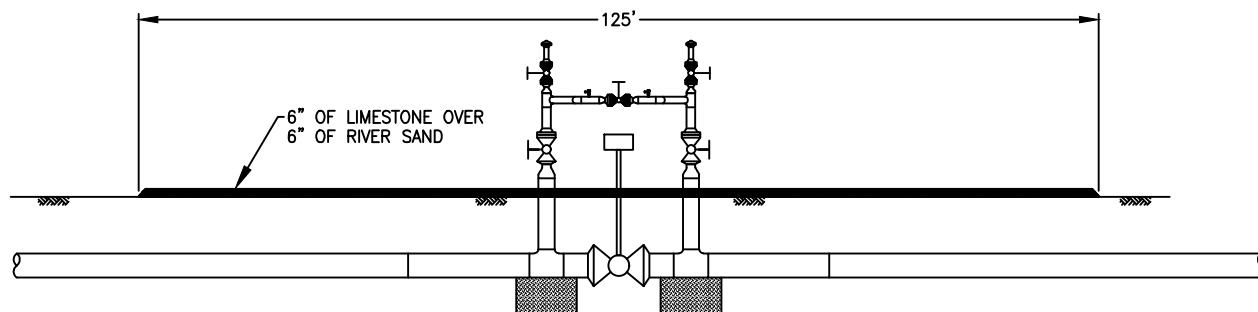
IN-FIELD PIPELINE  
MID IN-FIELD VALVE SITE

DWG. NO. RPS-INF1-PL-PER-2101



## PLAN VIEW

NOT TO SCALE



## PROFILE

NOT TO SCALE

.01 ACRES  
289 CU. YDS. OF RIVER SAND  
289 CU. YDS. OF LIMESTONE

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

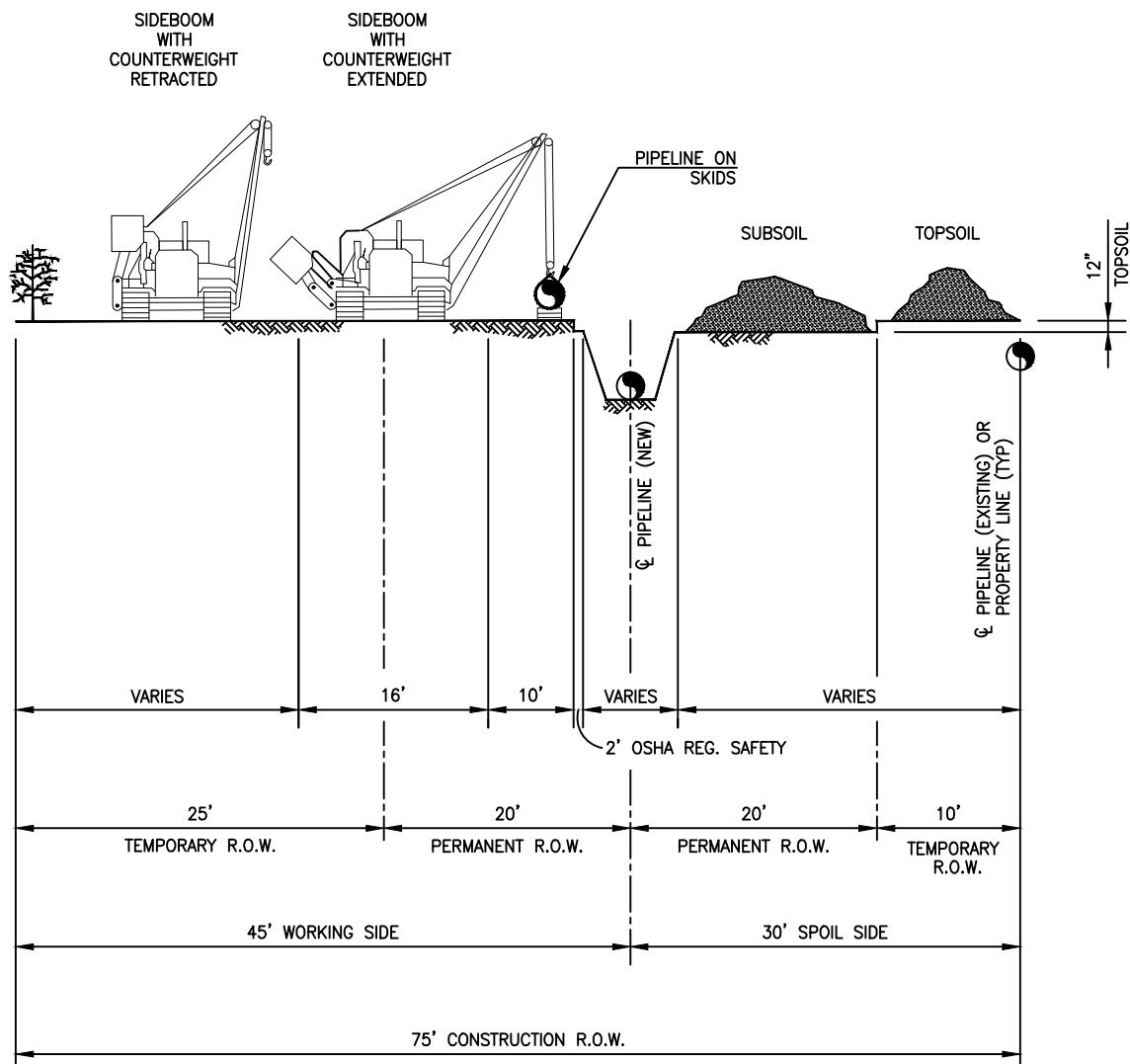
3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-7406  
(504) 333-4400 Fax: (504) 333-4400  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: -  
Revised Approved By: -

PROPOSED CO<sub>2</sub> SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

IN-FIELD PIPELINE  
RPN-2 AND RPN-3 VALVE SITES

DWG. NO. RPS-INF1-PL-PER-2102



WORKING SIDE (FT.)	SPOIL SIDE (FT.)	CONSTRUCTION R.O.W. (FT.)
45	30	75

NOTES:

1. ALTHOUGH THE DIMENSIONS SHOWN ARE TYPICAL, SOME VARIATIONS MAY EXIST DUE TO SITE SPECIFIC CONDITIONS. UNLESS OTHERWISE INDICATED ON THE ALIGNMENT SHEETS, THE MAXIMUM WIDTH OF THE CONSTRUCTION RIGHT-OF-WAY SHALL BE AS SHOWN IN THE TABLE.
2. SEGREGATE THE TOP 12 INCHES (TYPICAL) OF TOPSOIL WITHIN THE DITCHLINE.

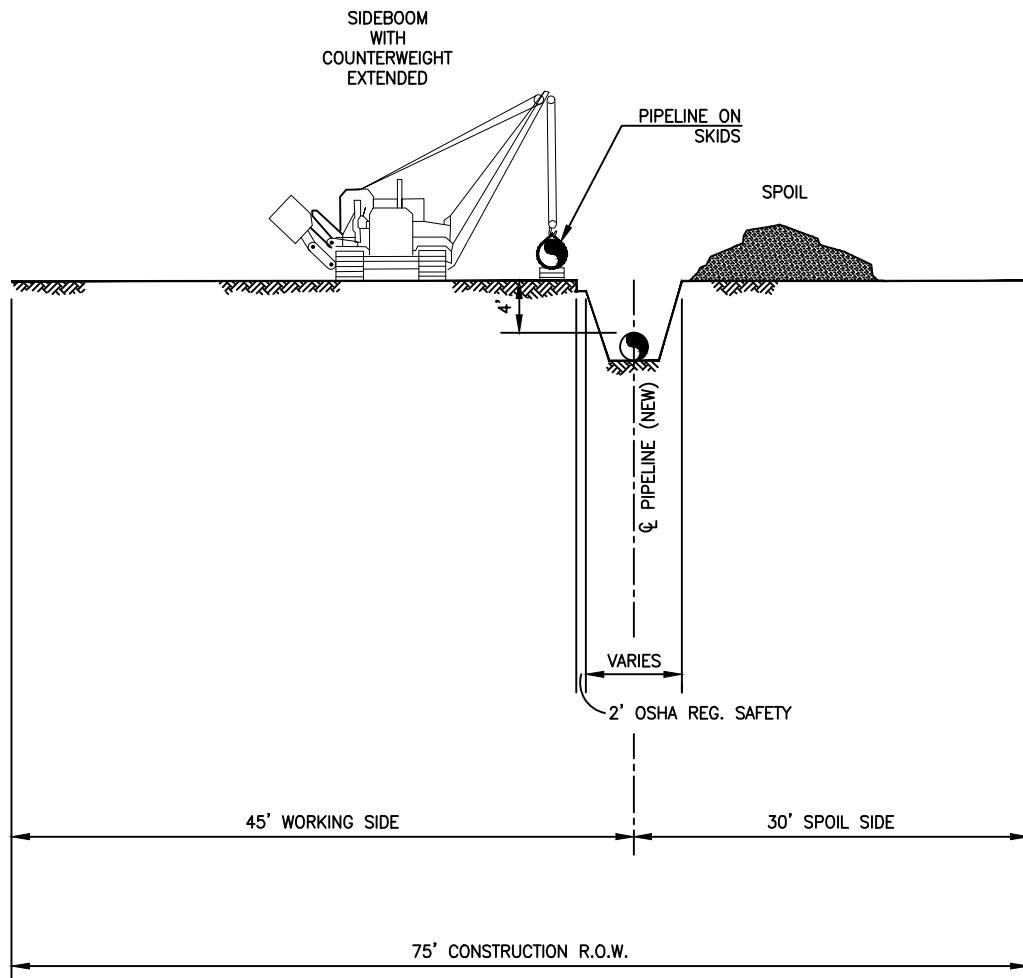
RIVER PARISH SEQUESTRATION, LLC



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE., S., SUITE 500  
METAIRIE, LA 70002-7406  
(504) 833-5321 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

FIGURE 1  
TYPICAL CONSTRUCTION  
R.O.W. PARALLEL PIPELINE

DRAWN BY: PCS	CHK'D. BY: PCS
DATE: 6-16-23	APPRV. BY: PCS
DWG. NO. RPS-0001	



WORKING SIDE (FT.)	SPOIL SIDE (FT.)	CONSTRUCTION R.O.W. (FT.)
45	30	75

NOTES:

1. ALTHOUGH THE DIMENSIONS SHOWN ARE TYPICAL, SOME VARIATIONS MAY EXIST DUE TO SITE SPECIFIC CONDITIONS. UNLESS OTHERWISE INDICATED ON THE ALIGNMENT SHEETS, THE MAXIMUM WIDTH OF THE CONSTRUCTION RIGHT-OF-WAY SHALL BE AS SHOWN IN THE TABLE.

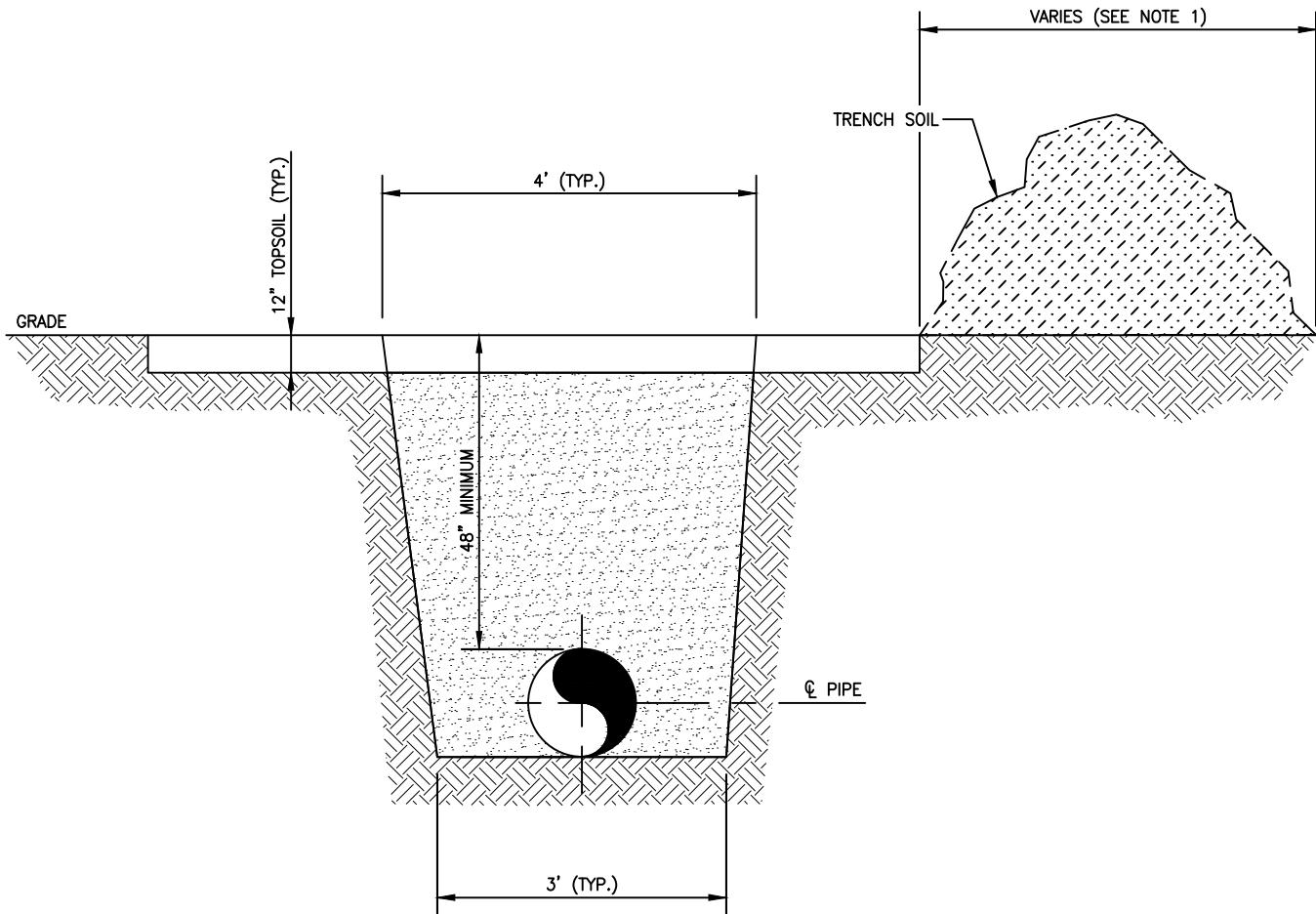
RIVER PARISH SEQUESTRATION, LLC



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE., S., SUITE 500  
METAIRIE, LA 70002-7408  
(504) 833-5321 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

FIGURE 2  
TYPICAL CONSTRUCTION  
R.O.W.

DRAWN BY: PCS	CHK'D. BY: PCS
DATE: 6-16-23	APPRV. BY: PCS
DWG. NO. RPS-0002	



### CROSS SECTION OF TYPICAL TRENCH

NOT TO SCALE

NOTE:

1. SPOIL WIDTH WILL VARY DEPENDING UPON SOIL CONDITIONS.

RIVER PARISH SEQUESTRATION, LLC



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE., S., SUITE 500  
METAIRIE, LA 70002-7408  
(504) 833-5321 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

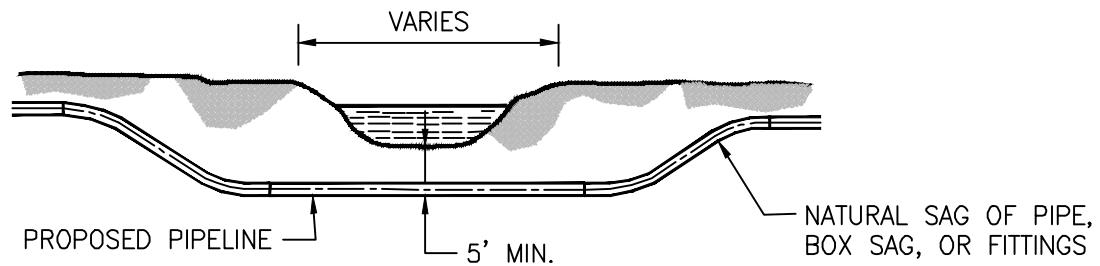
FIGURE 3  
TYPICAL CONSTRUCTION  
TRENCH DETAIL

DRAWN BY: PCS CHK'D. BY: PCS

DATE: 6-21-23 APPRV. BY: PCS

DWG. NO. RPS-0003

OTHER WATERS THAT WILL BE OPEN CUT THAT APPLY TO THIS  
 TYPICAL 11, 17, 18, 19, 20, 23, 24, 27, 28 & 30.  
 CZ OTHER WATERS 27, 28 & 30.



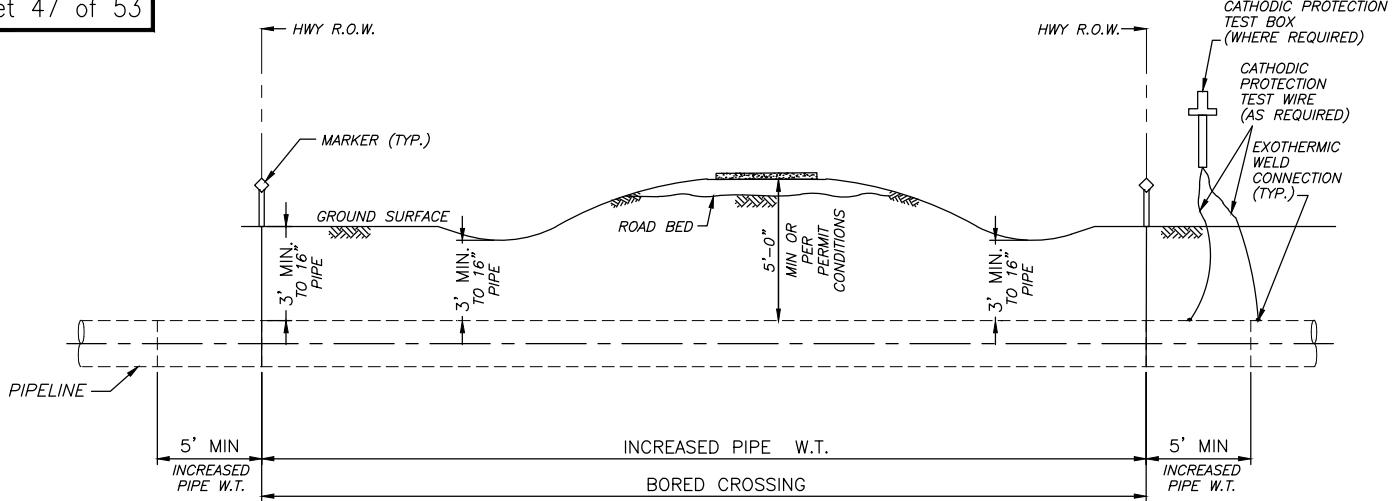
## BELLOW GROUND LEVEL CANAL/STREAM

NOT TO SCALE

### NOTE:

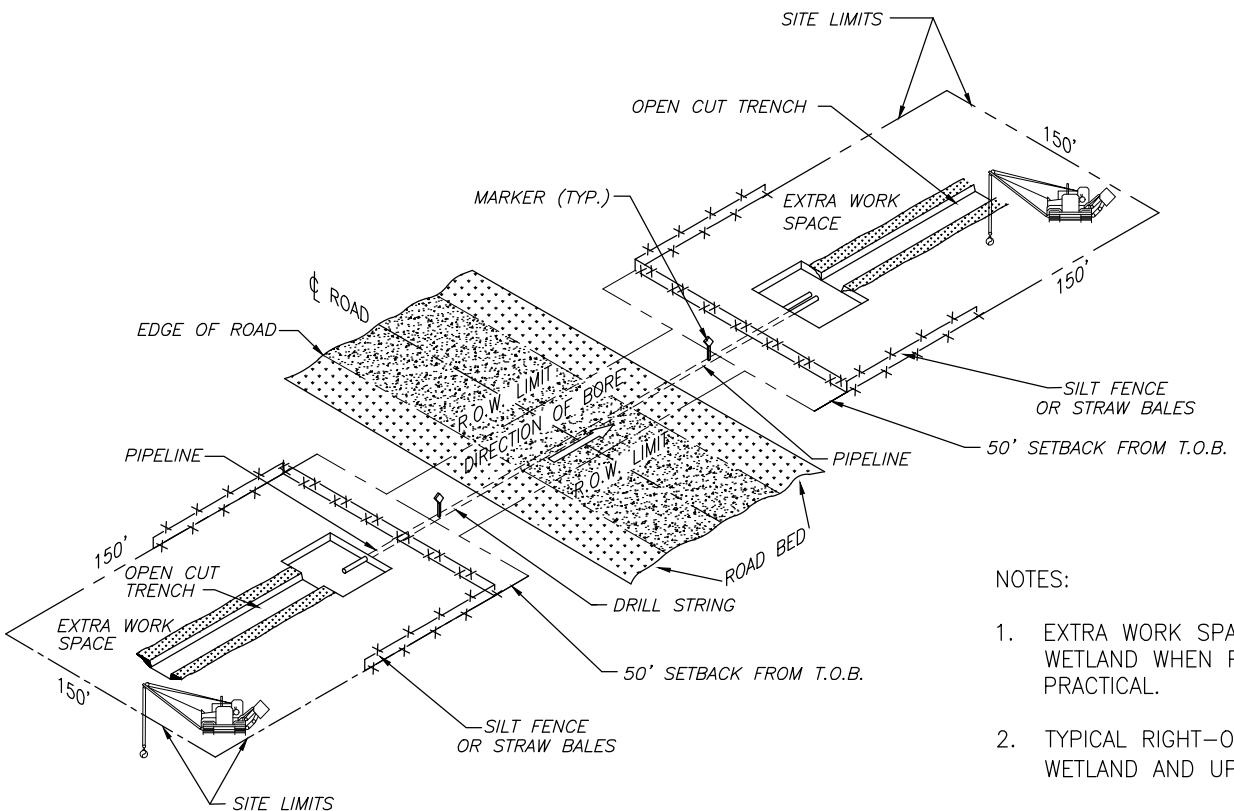
CROSSING INSTALLATION SHALL BE IN ACCORDANCE WITH APPLICABLE ASCENSION AND ASSUMPTION PARISH REQUIREMENTS.

RIVER PARISH SEQUESTRATION, LLC	
 <b>PROJECT CONSULTING SERVICES, INC.</b> 3300 WEST ESPLANADE AVE., S., SUITE 500 METAIRIE, LA 70002-7105 (504) 833-5321 Fax (504) 833-4940 <a href="http://www.projectconsulting.com">www.projectconsulting.com</a>	
<b>FIGURE 4</b> <b>TYPICAL CONSTRUCTION</b> <b>CANAL CROSSINGS</b>	
DRAWN BY: PCS	CHK'D. BY: PCS
DATE: 2-7-24	APPRV. BY: PCS
DWG. NO. RPS-0004	
REV C	



## PROFILE

NOT TO SCALE



## NOTES:

1. EXTRA WORK SPACE NOT LOCATED IN WETLAND WHEN POSSIBLE AND PRACTICAL.
2. TYPICAL RIGHT-OF-WAY LIMITS FOR WETLAND AND UPLAND ARE 75'.
3. WORK AREA WILL BE TEMPORARILY MATTED ON AN AS NEEDED BASIS.

## PLAN VIEW

NOT TO SCALE

RIVER PARISH SEQUESTRATION, LLC



PROJECT CONSULTING SERVICES, INC.

3300 WEST ESPLANADE AVE., S., SUITE 500  
METAIRIE, LA 70002-7406  
(504) 833-5321 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

### FIGURE 5 TYPICAL CONSTRUCTION ROAD BORE

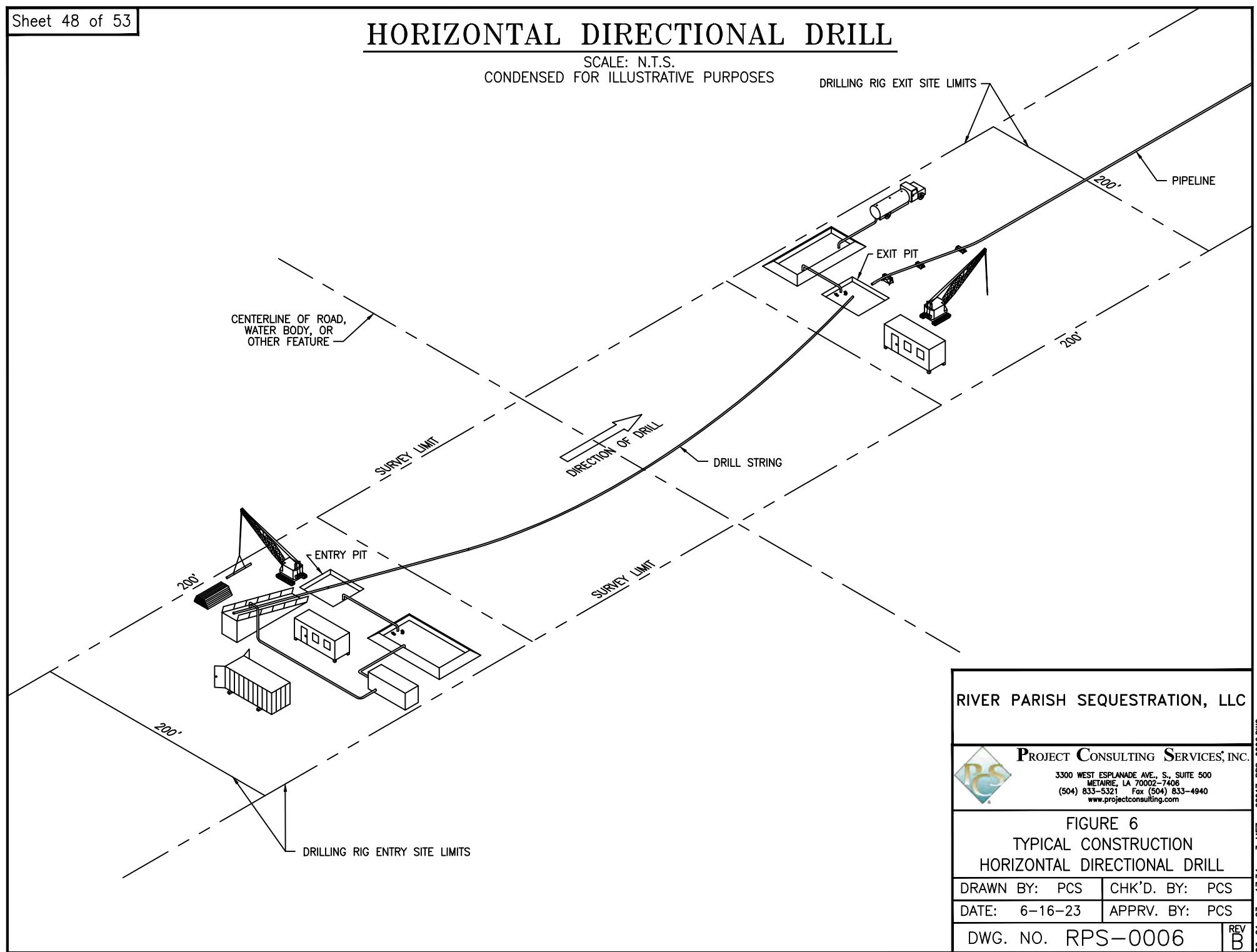
DRAWN BY: PCS CHK'D. BY: PCS

DATE: 6-16-23 APPRV. BY: PCS

DWG. NO. RPS-0005

# HORIZONTAL DIRECTIONAL DRILL

SCALE: N.T.S.  
CONDENSED FOR ILLUSTRATIVE PURPOSES



## Operational Impacts Calculations (1 of 2)

<i>RPN-1 Well System – Fill Calculations (Non-Coastal Zone)</i>			
Well ID	Acreage	Cubic Yardage	
		Sand	Limestone
RPN-1-INJ/AZ Well Pad and Central Pump Sta.	6	4,840	4,840
RPN-1-INJ/AZ Access A	1.82	1,471	1,471
RPN-1-INJ/AZ Access B	0.75	719	719
RPN-1-IZ Well Pad	0.7	556	556
RPN-1-IZ Access	0.4	319	319
RPN-1-WS1	0.06	47	47
RPN-1-WS2	0.06	47	47
RPN-1-WS3	0.06	47	47
<b>Totals:</b>	<b>9.85 Acres</b>	<b>8,046 cu. yd</b>	<b>8,046 cu. yd</b>

<i>RPN-2 Well System – Fill Calculations (Coastal Zone)</i>			
Well ID	Acreage	Cubic Yardage	
		Sand	Limestone
RPN-2-INJ/AZ Pad	2	1,595	1,595
RPN-2-INJ/AZ Access (16' x 432')	0.16	128	128
RPN-2-IZ Pad	0.7	556	556
RPN-2-IZ Access with Wings	0.08	67	67
RPN-2-WS1	0.06	47	47
RPN-2-WS2	0.06	47	47
RPN-2-WS3	0.06	47	47
<b>Totals:</b>	<b>3.12 Acres</b>	<b>2,487 cu. yd</b>	<b>2,487 cu. yd</b>

<i>RPN-3 Well System – Fill Calculations</i>			
Well ID	Acreage	Cubic Yardage	
		Sand	Limestone
<b>(Coastal Zone)</b>			
RPN-3-INJ/AZ Well	1.63	1,315	1,315
RPN-3-INJ/AZ Access	0.55	446	446
RPN-3-WS2	0.06	47	47
RPN-3-WS3	0.06	47	47
<b>Coastal Zone Totals:</b>	<b>2.3</b>	<b>1,855</b>	<b>1,855</b>
<b>(Non-Coastal Zone)</b>			
RPN-3-IZ/WS1 Pad	1.17	944	944
<b>Non-Coastal Zone Totals:</b>	<b>1.17</b>	<b>944</b>	<b>944</b>
<b>Totals:</b>	<b>3.10 Acres</b>	<b>2,502 cu. yd</b>	<b>2,502 cu. yd</b>

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22007  
Drawn By: KMA

Checked By: AS  
Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPANADE AVE., S., SUITE 500  
METairie, LA 70002-7406  
(504) 333-4940  
www.projectconsulting.com

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

SURFACE SITES IMPACT TABLES

DWG. NO. RPS-ENV-0001

## Operational Impacts Calculations (2 of 2)

Pipeline Valve Sites – Fill Calculations			
Valve ID	Acreage	Cubic Yardage	
		Sand	Limestone
<b>Non-Coastal Zone</b>			
Geismar Meter and Pigging Station and East Mississippi River MLV (135' x 160')	0.5	400	400
West Mississippi River MLV (40' x 75')	0.07	55	55
Mid In-Field Valve Site (145' x 135')	0.39	315	315
<b>Coastal Zone Surface Sites</b>			
RPN-3 Lateral Valve site (125' x 125')	0.36	289	289
RPN-2 Valve Site (125' x 125')	0.36	289	289
West Bayou Lafourche MLV (40' x 75')	0.07	55	55
East Bayou Lafourche MLV (40' x 75')	0.07	55	55
<b>Totals:</b>	<b>1.82 Acres</b>	<b>1,458 cu. yd.</b>	<b>1,458 cu. yd</b>
<b>Coastal Zone Totals:</b>	<b>0.86 Acres</b>	<b>688 cu. yd</b>	<b>688 cu. yd</b>

TOTAL ACREAGE & FILL CALCULATIONS - Surface Sites (Wells, Roads, and Valve Sites)			
	Acreage	Cubic Yardage	
		Sand	Limestone
<b>PROJECT TOTALS:</b>	<b>18.26 Acres</b>	<b>14,790 cu. yd</b>	<b>14,790 cu. yd</b>
<b>Coastal Zone Totals:</b>	<b>6.28 Acres</b>	<b>5,030 cu. yd</b>	<b>5,030 cu. yd</b>

Drill Site Temporary Impacts		
<b>Non-Coastal Zone</b>		
<b>Well ID</b>	<b>Work Space Size</b>	<b>Acreage*</b>
RPN-1- INJ/AZ and CPS	1020' x 330'	7.73
RPN-1-IZ	280'x350'	2.25
RPN-1 WS-1, WS-2, WS-3	3 x (125' x 125' )	1.08
RPN-3 IZ/WS1	300' x 350'	2.41
<b>Coastal Zone</b>		
RPN-2- INJ & AZ	330' x 400'	3.03
RPN-2-IZ	280'x350'	2.25
RPN-2 WS-1, WS-2, WS-3	3 x (125' x 125' )	1.08
RPN-3- INJ & AZ	420' x 475'	4.58
RPN-3 WS-2 & WS-3	2 x (125' x 125' )	0.72
<b>TOTAL:</b>		25.13
<b>Coastal Zone Total:</b>		11.66

\* Sugar Cane Impacts

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23  
Project No.: 22017  
Drawn By: KMA

Checked By: AS  
Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARDIE, LA 70002-7406  
(504) 833-2140 / FAX: (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25  
Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

SURFACE SITES IMPACT TABLES

DWG. NO. RPS-ENV-0002

### Pipeline Excavation Calculations

Name	P/L Length (Ft)	HDDs (ft)	Bores (ft)	Open Cut (ft)	Ditch Area (Sq Ft)	Acres	Cu Yd
Geismar Pipeline	37,277	12,735	51	24,491	29.5	6.75	26,759
In-Field Pipeline (Ascension – non-CZ)	9,534	334	200	9,000	29.5	2.48	9,833
In-Field Pipeline (Assumption – CZ)	28,930	4,600	400	23,930	29.5	6.59	26,146
RPN-3 Lateral Pipeline (Assumption – CZ)	2,185	0	0	2,185	29.5	0.6	2,387
<b>PROJECT TOTALS:</b>	<b>77,926</b>	<b>17,669</b>	<b>651</b>	<b>59,606</b>	<b>29.5</b>	<b>16.42</b>	<b>65,125</b>
<b>Coastal Zone Totals:</b>	<b>31,115</b>	<b>4600</b>	<b>400</b>	<b>26,115</b>	<b>29.5</b>	<b>7.19</b>	<b>28,533</b>

### Pipeline Crossing Fill Calculations

Name	Open Cut	Sand Bags per Crossing	Sand Bag Volume (Cu Ft)	Cu Yd
	P/L Crossings			
Geismar Pipeline	0	100	0.5	0
In-Field Pipeline (Ascension – non-CZ)	3	100	0.5	11.1
In-Field Pipeline (Assumption – CZ)	7	100	0.5	25.9
RPN-3 Lateral Pipeline	4	100	0.5	14.8
<b>PROJECT TOTALS:</b>	<b>13</b>	<b>100</b>	<b>0.05</b>	<b>51.8</b>
<b>Coastal Zone Totals:</b>	<b>10</b>	<b>100</b>	<b>0.05</b>	<b>40.7</b>

#### Pipeline Workspace Acreage

Total Temporary Impacts	= 186.6 acres
Temporary Upland Impacts	= 186.6 acres
Temporary Wetland Impacts	= 0.0 acres
Total Workspace Acreage within CZ Impacts	= 73.9 acres

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

3300 WEST ESPLANADE AVE. S., SUITE 500  
MENARDIE, LA 70002-7406  
(504) 633-5300 / FAX: (504) 633-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

Revised Date: 5-22-25

Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

SURFACE SITES IMPACT TABLES

DWG. NO. RPS-ENV-0003

### Wetlands and Waterbody Impacts Table

Wetland	Habitat Type	Route	Cowardin Classification	USGS Name	Crossing Method	Temporary Acres	LADNR OCM
Wetland 7	Forested Wetland	Geismar Pipeline	PFO1A	N/A	HDD	0	Non Coastal Zone
Wetland 8	Forested Wetland	Geismar Pipeline	PFO1A	N/A	HDD	0	Non Coastal Zone
Wetland 9	Forested Wetland	Geismar Pipeline	PFO1	N/A	HDD	0	Non Coastal Zone
<b>PROJECT TOTALS:</b>						<b>0.000</b>	
Waterbody	Habitat Type	Route	Cowardin Classification	USGS Name	Crossing Method	Temporary Acres Impacted**	LADNR OCM
Waterbody 11	Other Waters	Geismar Pipeline	R5UBAx	N/A	Boarded	0	Non Coastal Zone
Waterbody 12	Other Waters	Geismar Pipeline	R2UBH	Mississippi River	HDD	0	Non Coastal Zone
Waterbody 13	Other Waters	Geismar Pipeline	R5UBJx	N/A	HDD	0	Non Coastal Zone
Waterbody 14	Other Waters	Geismar Pipeline	R5UBJx	NA	HDD	0	Non Coastal Zone
Waterbody 15	Other Waters	Geismar Pipeline	R2UBH	Caballero Bayou	HDD	0	Non Coastal Zone
Waterbody 16	Other Waters	Geismar Pipeline	R5UBJx	N/A	HDD	0	Non Coastal Zone
Waterbody 17	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.0028	Non Coastal Zone
Waterbody 18	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.0037	Non Coastal Zone
Waterbody 19	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.008	Non Coastal Zone
Waterbody 20	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.0037	Non Coastal Zone
Waterbody 21	Other Waters	Geismar Pipeline	R5UBJx	N/A	HDD	0	Non Coastal Zone
Waterbody 22	Other Waters	Geismar Pipeline	R2UBH	McCall Bayou	HDD	0	Non Coastal Zone
Waterbody 23	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.0023	Non Coastal Zone
Waterbody 24	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.00046	Non Coastal Zone
Waterbody 25	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	HDD	0	Coastal Zone
Waterbody 26	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	HDD	0	Coastal Zone
Waterbody 27	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.0018	Coastal Zone
Waterbody 28	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.0018	Coastal Zone
Waterbody 29	Other Waters	Central to RPN 2 PL	R2UBH	Bayou LaFourche	HDD	0	Coastal Zone
Waterbody 30	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.0018	Coastal Zone
<b>PROJECT SUBTOTALS:</b>						<b>0.026</b>	
<b>Coastal Zone SubTotal:</b>						<b>0.005</b>	

\*Wetland Impact Acreage is based on the width of the Construction Work Space

\*\*Waterbody Impact Acreage is based on the width of the trench (12') across the width of the waterbody.

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED  
SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE  
AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

3300 WEST ESPLANADE AVE., S., SUITE 500  
METairie, LA 70002-7406  
(504) 333-4940  
www.projectconsulting.com

Revised Date: 4-17-24

Revised Approved By: SW

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

WETLANDS AND WATERBODY IMPACT TABLE

DWG. NO. RPS-ENV-0004A

## Wetlands and Waterbody Impacts Table Cont'd

Waterbody	Habitat Type	Route	Cowardin Classification	USGS Name	Crossing Method	Temporary Acres Impacted**	LADNR OCM
Waterbody 31	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.03	Non Coastal Zone
Waterbody 32	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.04	Non Coastal Zone
Waterbody 33	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.05	Non Coastal Zone
Waterbody 34	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.06	Non Coastal Zone
Waterbody 35	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.04	Non Coastal Zone
Waterbody 36	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.02	Non Coastal Zone
Waterbody 37	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.03	Non Coastal Zone
Waterbody 38	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.03	Non Coastal Zone
Waterbody 39	Other Waters	Geismar Pipeline	R5UBJx	N/A	Open Cut	0.05	Non Coastal Zone
Waterbody 40	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.01	Non Coastal Zone
Waterbody 41	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.03	Non Coastal Zone
Waterbody 42	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.03	Non Coastal Zone
Waterbody 43	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.02	Non Coastal Zone
Waterbody 44	Other Waters	Central to RPN 2 PL	R5UBJx	NA	Open Cut	0.02	Non Coastal Zone
Waterbody 45	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.025	Coastal Zone
Waterbody 45A	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.025	Coastal Zone
Waterbody 46	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.03	Coastal Zone
Waterbody 47	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.05	Coastal Zone
Waterbody 48	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.03	Coastal Zone
Waterbody 48A	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.08	Coastal Zone
Waterbody 49	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.03	Coastal Zone
Waterbody 50	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.05	Coastal Zone
Waterbody 51	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.05	Coastal Zone
Waterbody 52	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.04	Coastal Zone
Waterbody 53	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.02	Coastal Zone
Waterbody 54	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.02	Coastal Zone
Waterbody 55	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.02	Coastal Zone
Waterbody 56	Other Waters	Central to RPN 2 PL	R5UBJx	N/A	Open Cut	0.05	Coastal Zone
						<b>PROJECT SUBTOTALS:</b>	0.980
						<b>Coastal Zone SubTotal:</b>	0.520
						<b>PROJECT TOTALS:</b>	1.006
						<b>Coastal Zone Total:</b>	0.525

\*Wetland Impact Acreage is based on the width of the Construction Work Space

\*\*Waterbody Impact Acreage is based on the impacts provided in the PJD or a 12' trench width across the waterbody

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

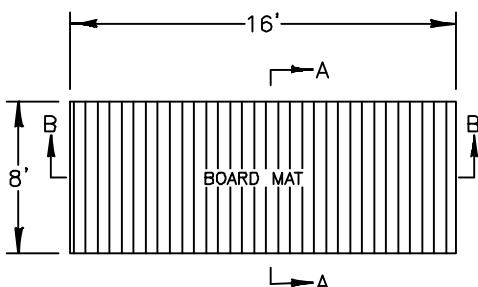
Date: 12-13-23  
Project No.: 22017  
Drawn By: KMAChecked By: AS  
Approved By: SW

PREPARED BY:

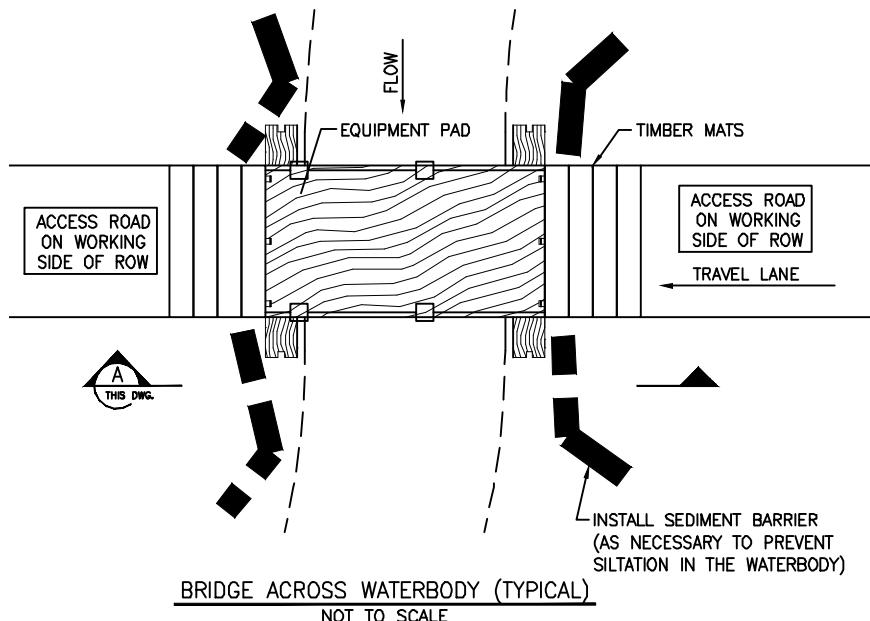
PROJECT CONSULTING SERVICES, INC.  
3300 WEST ESPLANADE AVE., S., SUITE 500  
MENARD, LA 70002-7406  
(504) 333-4940  
www.projectconsulting.comRevised Date: 4-17-24  
Revised Approved By: SWPROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

WETLANDS AND WATERBODY IMPACT TABLE

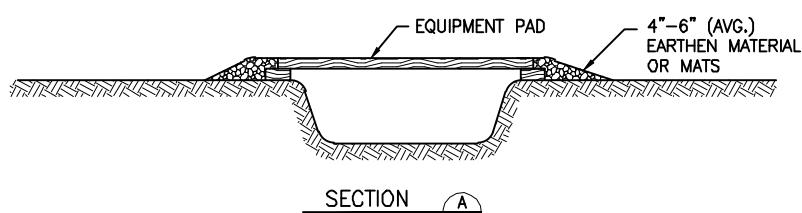
DWG. NO. RPS-ENV-0004B

TYPICAL BOARD MAT DETAIL

NOT TO SCALE

CROSS SECTION A-A

NOT TO SCALE



## NOTES:

1. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804 4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. ALL STRUCTURES BUILT UNDER THE AUTHORIZATION AND CONDITIONS OF THIS PERMIT SHALL BE REMOVED FROM THE SITE WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, OR WHEN THESE STRUCTURES FALL INTO A STATE OF DISREPAIR SUCH THAT THEY CAN NO LONGER FUNCTION AS INTENDED. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
5. A RIGHT-OF-WAY FOR ALL PIPELINES AT ALL STATE WATER BOTTOM CROSSINGS WILL BE OBTAINED PRIOR TO WORK COMMENCING.
6. A PERMIT FROM THE BAYOU LAFOURCHE FRESH WATER DISTRICT WILL BE OBTAINED PRIOR TO WORK COMMENCING.

NOTE: THE CONTENTS OF THIS DRAWING ARE DESIGNED SPECIFICALLY FOR THE PURPOSE OF SECURING FEDERAL, STATE AND LOCAL ENVIRONMENTAL/REGULATORY AUTHORIZATIONS ONLY.

APPLICATION BY:

RIVER PARISH SEQUESTRATION, LLC

Date: 6-21-23

Project No.: 22017

Drawn By: KMA

Checked By: AS

Approved By: SW

PREPARED BY:



PROJECT CONSULTING SERVICES, INC.

3300 WEST ESPLANADE AVE. S., SUITE 500  
METairie, LA 70022-7400  
(504) 833-4900 Fax (504) 833-4940  
[www.projectconsulting.com](http://www.projectconsulting.com)

PROPOSED CO2 SEQUESTRATION SYSTEM  
ASCENSION AND ASSUMPTION PARISHES  
LOUISIANA

NOTES

DWG. NO. RPS-ENV-0005