

APPENDIX D – LOCATION CRITERIA

Documentation of compliance with location criteria {(Section 507.A.1 - 3) (Distance Requirements)}

Commercial facilities and transfer stations may not be located in any area within 1/4 mile of a public water supply water well or within 1,000 feet of a private water supply well for facilities permitted after January 1, 2002; within 500 feet of a residential, commercial, or public building, church, school or hospital for any proposed new commercial facility or transfer station where publication of the notice of intent or date of the permit application filed with the Office of Conservation is dated after the promulgation date of this rule, where type A and B facilities and transfer stations, class II disposal wells, storage containers and E and P waste treatment systems and related equipment are located within 1,250 feet of a school, hospital, or public park; where the perimeter of any Type A land treatment cell is located within restricted distances from a residential or public building, church, school, or hospital for treatment of Waste Types 06 and 12.

Copies of waivers, if applicable (Section 519.C.4)

To document compliance with the location criteria of §507.A.2, provide a list of the names and addresses of all property owners, residents, off-set operators and industrial facilities within one quarter-mile of the proposed facility or disposal well. Include copies of waivers required by §507.B, where applicable.

Simplified drawing (map) {Section 519.C.4 (a), (b), (c), (d)}

A drawing of the property is included on the following map labeled "Location Criteria Map". This map depicts the proposed facility property boundaries and ownership of all land adjacent to the facility, the location and identification of all residential, commercial, and public buildings within ¼ mile of the property boundaries, and all public water supply wells and private water supply wells within one (1) mile.

Freshwater Well List {Section 519.C.4 (d)}

A listing of all public water supply wells and private water supply wells within one (1) mile of the proposed facility.

Compliance with the location criteria are addressed in the following sections.

Appendix D - Location Criteria

Name & Address ¼ mile radius – land owners, residents, offset operators, and industrial facilities within 1/4 mile (Section 519.C.4)

The following is a list of land owners/residents within 1/4 mile of the proposed Commercial SWD Facility:

1. Briarwood Group, LLC
P.O. Box 819
Mansfield, LA 71052
2. Nolan, William E. and Barbara D.
Family, L.L.C.
401 Irving Bluff
Shreveport, LA 71107
3. Calhoun, Thomas A
3801 Creswell
#16 Dudley Square
Shreveport, LA 71106

The following is a list of offset operators within 1/4 mile of the proposed Commercial SWD Facility:

1. Chesapeake Operating, L.L.C. (Org ID C441)
3365 Sligo Rd
Haughton, LA 71037
2. Riemer Calhoun (Org ID 1030)
P.O. Box 732
Mansfield, LA 71052
3. Grand Bayou Oil Co. (Org ID 2174)
2925 Mansfield Road
Shreveport, LA 71103

The following is a list of industrial facilities within 1/4 mile of the proposed Commercial SWD Facility:

*There are no industrial facilities within ¼ mile of the proposed facility.

The following is a list of all public and private water supply wells within one (1) mile of the proposed facility:

*Facility Use / Non-Community Public Water Supply well No. 081-5799Z is located 2100.74' away from the proposed facility. This well is used at an oil and gas facility.

*Facility Use / Non-Community Public Water Supply well No. 081-86 is located 2226.87' away from the proposed facility. This well was used as a test hole and has since been plugged and abandoned.

*Facility Use / Non-Community Public Water Supply well No. 081-6282Z is located 3482.45' away from the proposed facility. This well is used at an oil and gas facility.

*Facility Use / Non-Community Public Water Supply well No. 081-5972Z is located 3615.36' away from the proposed facility. This well is used at an oil and gas facility.

*Facility Use / Non-Community Public Water Supply well No. 081-148 is located 3988.42' away from the proposed facility. This well was used as an observation well and has since been plugged and abandoned.

*Facility Use / Non-Community Public Water Supply well No. 081-5999Z is located 5197.87' away from the proposed facility. This well is used at an oil and gas facility.

*Facility Use / Non-Community Public Water Supply well No. 081-6391Z is located 5261.6' away from the proposed facility. This well is Inactive and was used at an oil and gas facility.

The following is a list of all waivers sent and received; copies of waivers enclosed:

N/A

The following is a list of all residential, commercial, or public buildings or hospitals within ¼ mile of the proposed facility boundary:

1. There are no Residential Buildings within ¼ mile of the proposed facility boundary.
2. There are no Commercial Buildings within ¼ mile of the proposed facility boundary.
3. There are no Public Buildings within ¼ mile of the proposed facility boundary.
4. There are no Hospitals within ¼ mile of the proposed facility boundary.

Water Wells By LATITUDE / LONGITUDE Report

Latitude	Longitude	Radius Ft.	MSG																		
32.081368889	-93.478888889	5280	Found 6 records																		
Well Distance Ft.	SECTION	TOWNSHIP	RANGE	PARISH_NAME	PARISH_NUM	LOCAL_WELL_NUM	WELL_NUM	WELL_USE	DESCRIPTION	WELL_STATUS	OWNERS_NUM	OWNERS_NAME	DRILLERS_NAME	WELL_DEPTH	CASING_DIAMETER	DATE_COMPLETED	WATER_LEVEL	DATE_MEASURED	GEOLOGIC_UNIT	LATITUDE	LONGITUDE
2100.74	027	13N	11W	RED RIVER	081	5799Z		S	Rig Supply	Active		LANGSTON DRILL UNION PAC RR	KETHVILLE	60	4	06/06	12.00	06/02/06	00000000	320500	932907
2226.87	026	13N	11W	RED RIVER	081	86		T	Test Hole	Plugged and Abandoned		EDINGTON DRLG		261		12/43	0.00		11200NWM	320507	932824
3482.45	035	13N	11W	RED RIVER	081	6282Z		P	Public Supply	Active		TELLURIAN OPERATING LLC	KETHVILLE WELL DRILLING & SERVICES, INC.	80	4	04/02/2012	10	04/02/2012	1128RVA	320439	932807
3615.36	026	13N	11W	RED RIVER	081	5972Z		S	Rig Supply	Active	BRIARW.35	PETROHAWK U S GEOL SURVEY	KETHVILLE	80	4	08/09	15.00	08/08/09	00000000	320442	932804
3988.42	026	13N	11W	RED RIVER	081	148		O	Observation	Plugged and Abandoned		U.S.G.S.		52	1.25	11/54	23.50	11/03/54	1128RVA	320458	932758
5197.87	026	13N	11W	RED RIVER	081	5999Z		S	Rig Supply	Active	BOURD.23H1	PETROHAWK	PINERGY, LTD	80	4	10/09	30.00	10/14/09	00000000	320530	932802

CL U.S. HIGHWAY 84

BEARINGS ARE BASED ON RECORD BEARINGS.

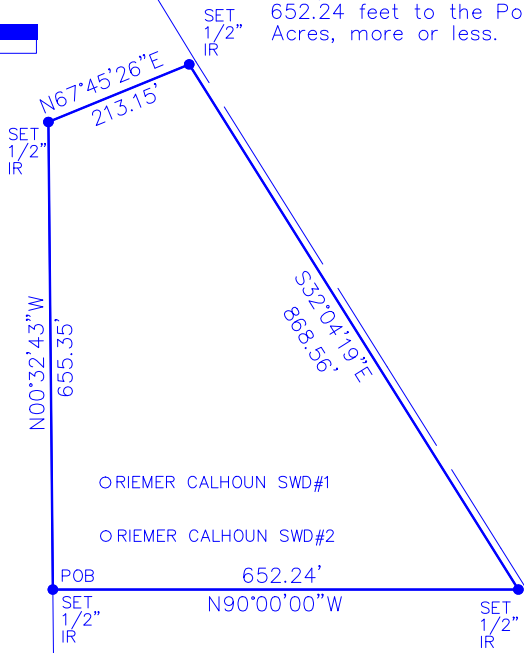
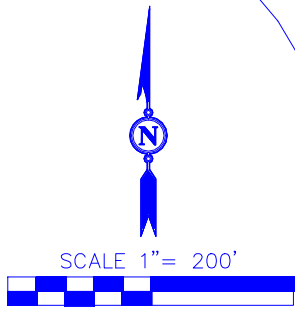
SURVEYED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR PROPERTY BOUNDARY SURVEYS FOR A CLASS "D" SURVEY.

SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

Property Description:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet to the Point of Beginning; thence North 00°32'43" West, a distance of 655.35 feet; thence North 67°45'26" East, a distance of 213.15 feet; thence South 32°04'19" East, a distance of 868.56 feet; thence North 90°00'00" West, a distance of 652.24 feet to the Point of Beginning. Said described tract Containing 7.00 Acres, more or less.

REFERENCE SURVEY MADE BY:
KENNETH E. MURPHY
DATED: 11/16/2012



ORIEMER CALHOUN SWD#1

ORIEMER CALHOUN SWD#2

POB N90°00'00"W 652.24'

Description Centerline Easement 1:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet to the Point of Beginning; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet; thence North 07°05'12" West, a distance of 628.39 feet to the Centerline of U.S. Highway 84.

Description Centerline Easement 2:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet to the Point of Beginning; thence North 30°39'33" West, a distance of 344.91 feet; thence North 40°07'35" West, a distance of 116.45 feet; thence North 69°04'16" West, a distance of 124.53 feet; thence North 51°53'07" West, a distance of 58.90 feet; thence North 06°44'17" West, a distance of 155.89 feet to the Centerline of U.S. Highway 84.

N89°27'17"E
20.00'

FND 1" IRON BAR,
SW COR, SE/4, SE4,
SEC 27, T13N-R11W,
RED RIVER PARISH, LA.

SURVEY REQUESTED BY

JERRY NELSON
7.00 ACRES

SECTION 27, T13N-R11W
RED RIVER PARISH, LOUISIANA

SCALE: 1"= 200'

MURPHY
SURVEYS

DRAWN: TEW

DATE: 8/29/2018

REV: 9/13/2018

KENNETH E. MURPHY SURVEYS
P.O. BOX 756
MANSFIELD, LOUISIANA 71052
PHONE: 318-872-5275
FAX: 318-872-0859

JOB NUMBER
KM02560

CL U.S. HIGHWAY 84

BEARINGS ARE BASED ON RECORD BEARINGS.

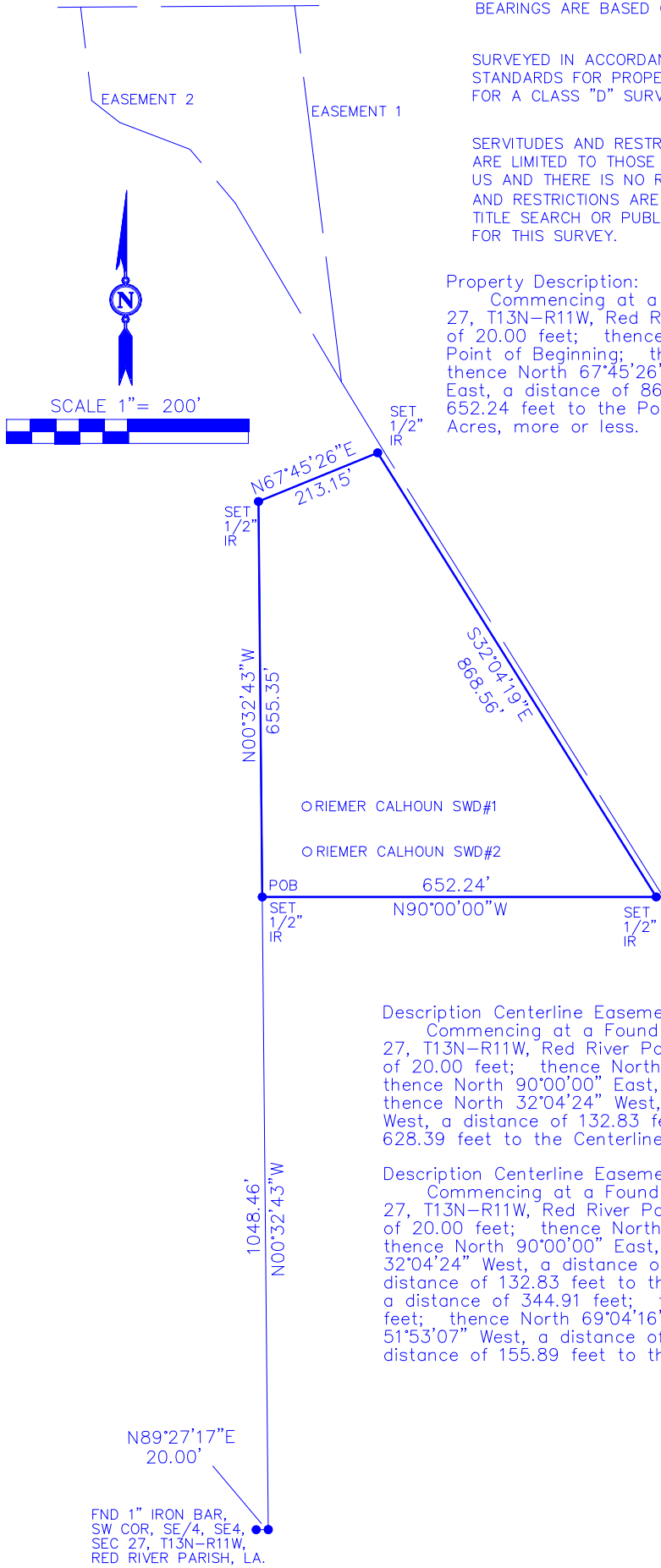
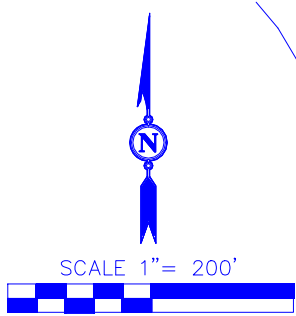
SURVEYED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR PROPERTY BOUNDARY SURVEYS FOR A CLASS "D" SURVEY.

SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

Property Description:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet to the Point of Beginning; thence North 00°32'43" West, a distance of 655.35 feet; thence North 67°45'26" East, a distance of 213.15 feet; thence South 32°04'19" East, a distance of 868.56 feet; thence North 90°00'00" West, a distance of 652.24 feet to the Point of Beginning. Said described tract Containing 7.00 Acres, more or less.

REFERENCE SURVEY MADE BY:
KENNETH E. MURPHY
DATED: 11/16/2012



Description Centerline Easement 1:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet to the Point of Beginning; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet; thence North 07°05'12" West, a distance of 628.39 feet to the Centerline of U.S. Highway 84.

Description Centerline Easement 2:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet to the Point of Beginning; thence North 30°39'33" West, a distance of 344.91 feet; thence North 40°07'35" West, a distance of 116.45 feet; thence North 69°04'16" West, a distance of 124.53 feet; thence North 51°53'07" West, a distance of 58.90 feet; thence North 06°44'17" West, a distance of 155.89 feet to the Centerline of U.S. Highway 84.

SURVEY REQUESTED BY
JERRY NELSON
7.00 ACRES
SECTION 27, T13N-R11W
RED RIVER PARISH, LOUISIANA

SCALE: 1"= 200'	MURPHY	DRAWN: TEW
DATE: 8/29/2018	SURVEYS	REV: 9/13/2018

KENNETH E. MURPHY SURVEYS
P.O. BOX 756
MANSFIELD, LOUISIANA 71052
PHONE: 318-872-5275
FAX: 318-872-0859

JOB NUMBER
KM02560

CL U.S. HIGHWAY 84

BEARINGS ARE BASED ON RECORD BEARINGS.

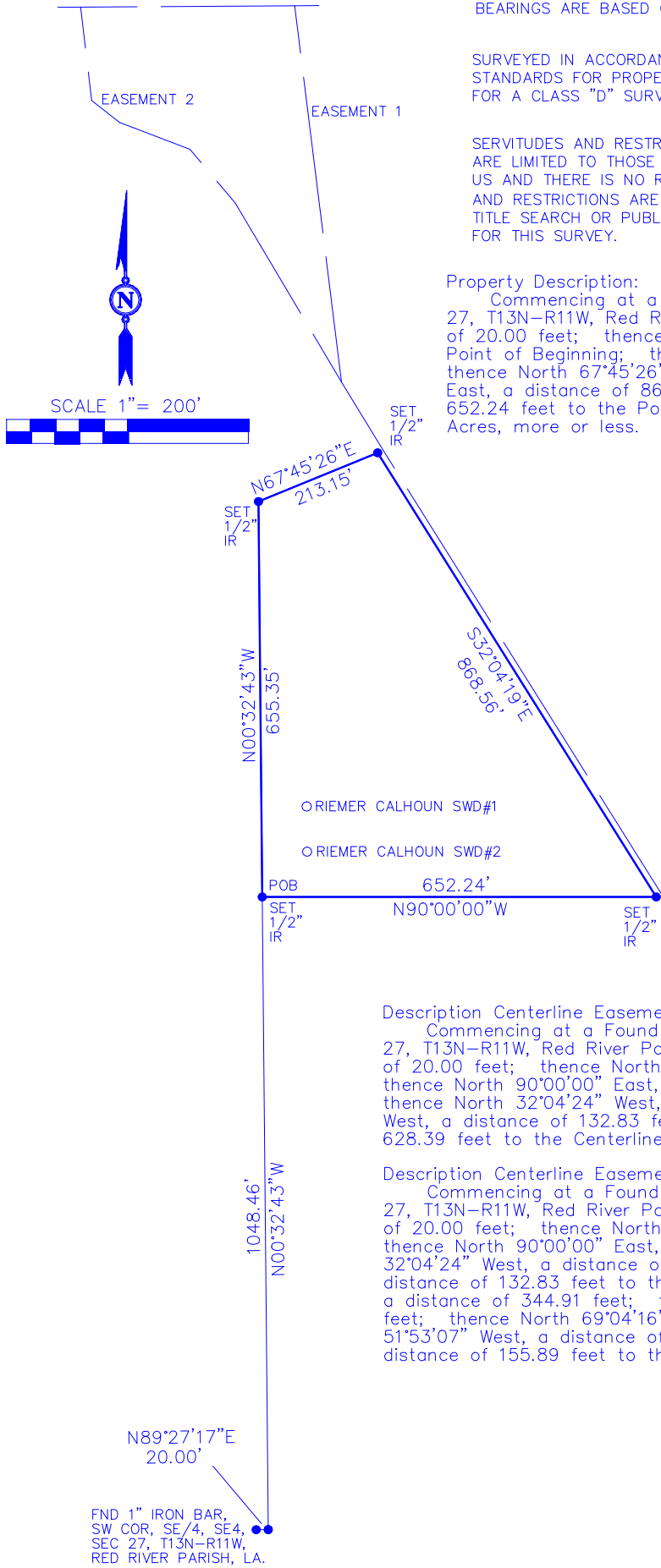
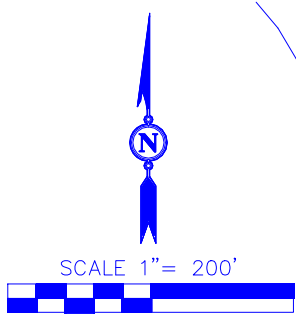
SURVEYED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FOR PROPERTY BOUNDARY SURVEYS FOR A CLASS "D" SURVEY.

SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

Property Description:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet to the Point of Beginning; thence North 00°32'43" West, a distance of 655.35 feet; thence North 67°45'26" East, a distance of 213.15 feet; thence South 32°04'19" East, a distance of 868.56 feet; thence North 90°00'00" West, a distance of 652.24 feet to the Point of Beginning. Said described tract Containing 7.00 Acres, more or less.

REFERENCE SURVEY MADE BY:
KENNETH E. MURPHY
DATED: 11/16/2012



Description Centerline Easement 1:

Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet to the Point of Beginning; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet; thence North 07°05'12" West, a distance of 628.39 feet to the Centerline of U.S. Highway 84.

Description Centerline Easement 2:

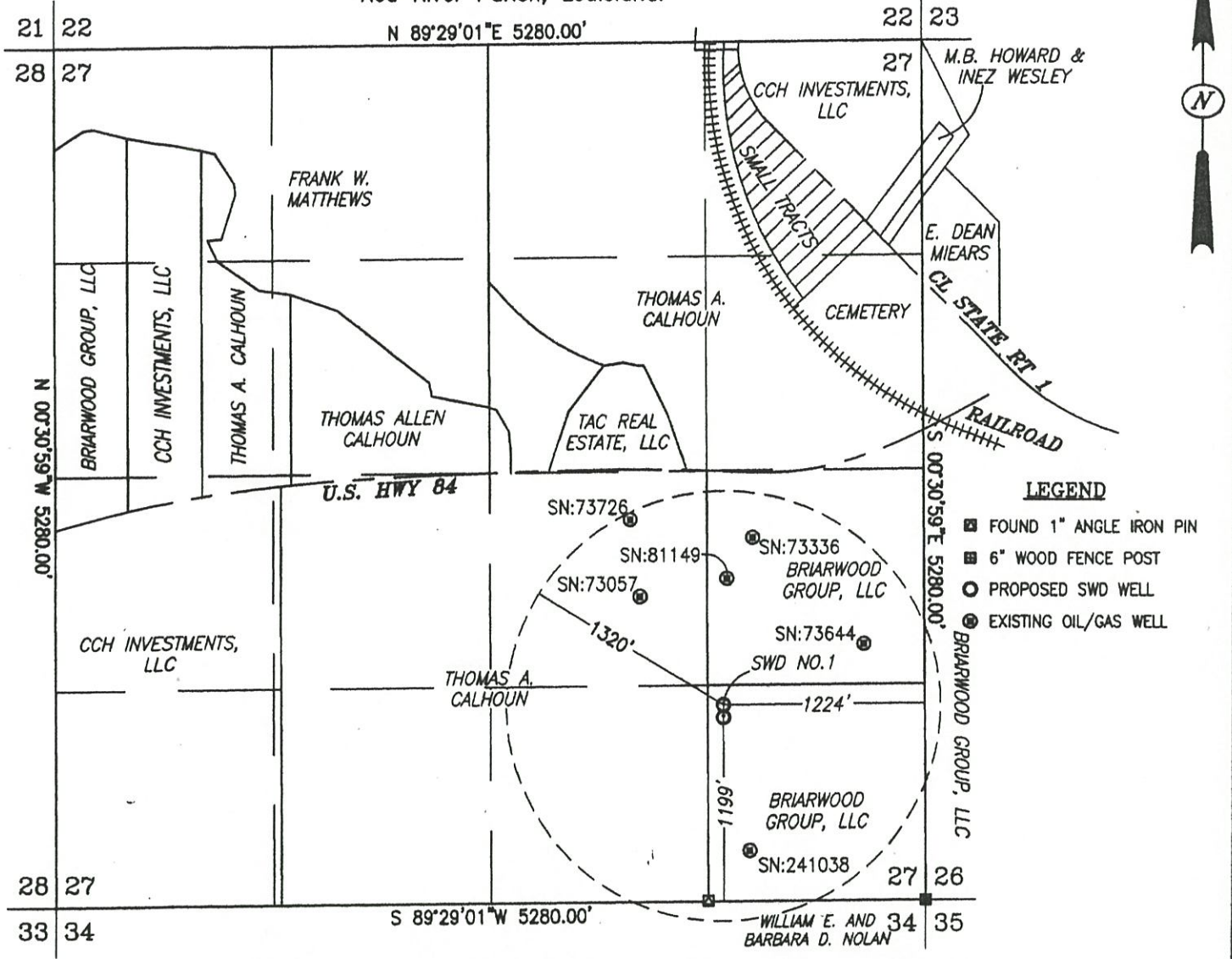
Commencing at a Found 1" Iron Bar at the SW Corner, SE/4, SE/4, Section 27, T13N-R11W, Red River Parish, LA; thence North 89°27'17" East, a distance of 20.00 feet; thence North 00°32'43" West, a distance of 1048.46 feet; thence North 90°00'00" East, a distance of 664.05 feet; thence North 32°04'24" West, a distance of 873.10 feet; thence North 31°24'20" West, a distance of 132.83 feet to the Point of Beginning; thence North 30°39'33" West, a distance of 344.91 feet; thence North 40°07'35" West, a distance of 116.45 feet; thence North 69°04'16" West, a distance of 124.53 feet; thence North 51°53'07" West, a distance of 58.90 feet; thence North 06°44'17" West, a distance of 155.89 feet to the Centerline of U.S. Highway 84.

FND 1" IRON BAR,
SW COR, SE/4, SE4,
SEC 27, T13N-R11W,
RED RIVER PARISH, LA.

SURVEY REQUESTED BY
JERRY NELSON
7.00 ACRES
SECTION 27, T13N-R11W
RED RIVER PARISH, LOUISIANA

SCALE: 1"= 200'	MURPHY SURVEYS	DRAWN: TEW
DATE: 8/29/2018		REV: 9/13/2018
KENNETH E. MURPHY SURVEYS P.O. BOX 756 MANSFIELD, LOUISIANA 71052 PHONE: 318-872-5275 FAX: 318-872-0859		JOB NUMBER KM02560

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



- LEGEND**
- FOUND 1" ANGLE IRON PIN
 - 6" WOOD FENCE POST
 - PROPOSED SWD WELL
 - EXISTING OIL/GAS WELL

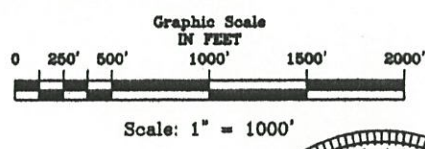
PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 001

Located 1199 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'52.15372" North
Longitude = 93°28'43.20208" West
Latitude = 32.08115381" North
Longitude = 93.47866724" West
NAD 27
X = 1,696,887.048
Y = 515,885.017
State Plane Grid, LA North 1701

Latitude = 32°04'52.73270" North
Longitude = 93°28'43.83498" West
Latitude = 32.08131464" North
Longitude = 93.47884305" West
NAD 83
X = 2,977,672.943
Y = 576,592.577
State Plane Grid, LA North 1701



Ground Elevation = 137.57
(NAVD 88)

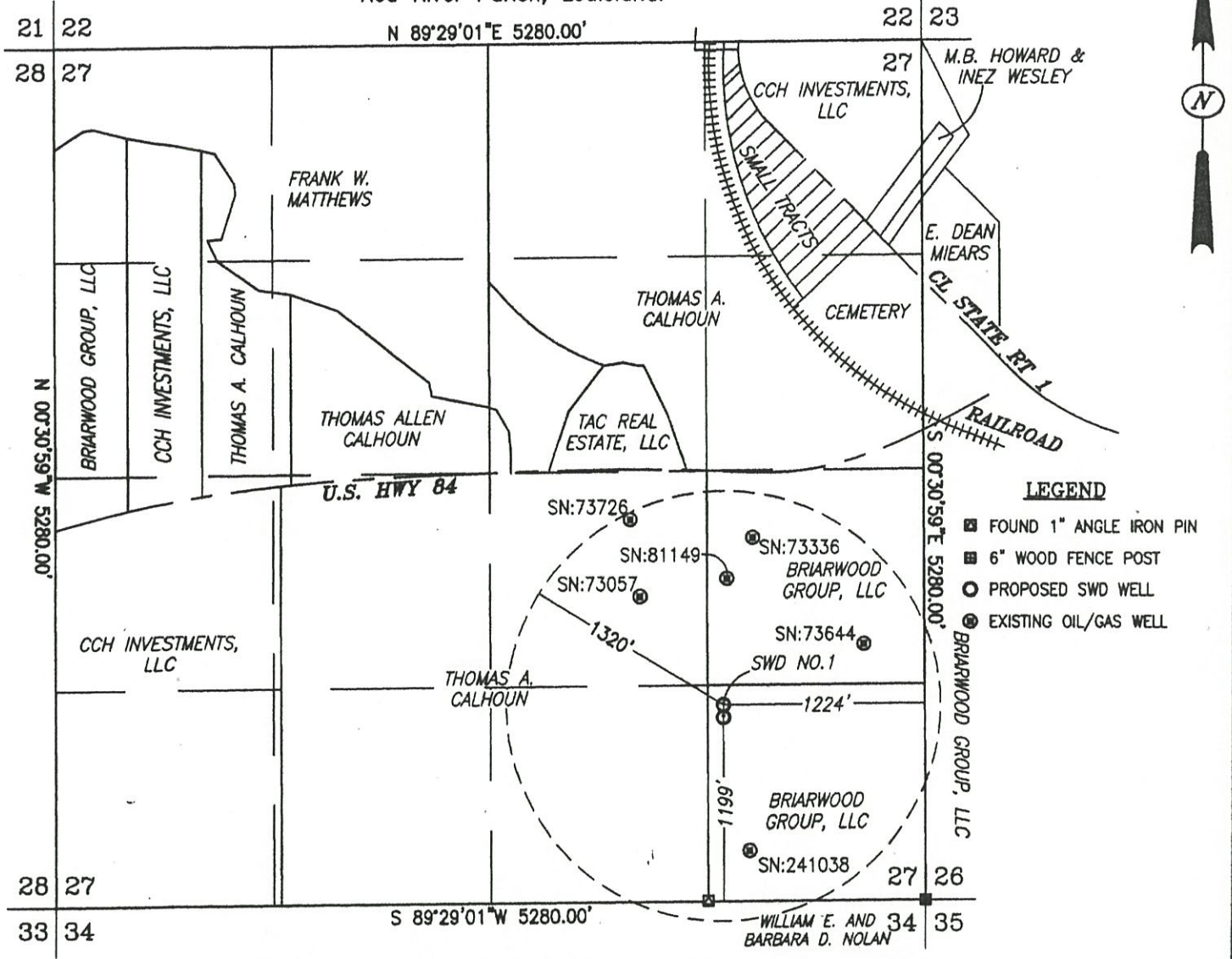
DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100 18-224C
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



- LEGEND**
- FOUND 1" ANGLE IRON PIN
 - 6" WOOD FENCE POST
 - PROPOSED SWD WELL
 - EXISTING OIL/GAS WELL

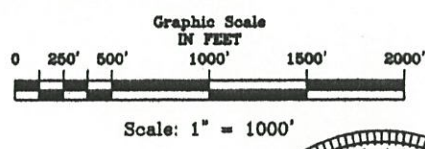
PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 001

Located 1199 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'52.15372" North
Longitude = 93°28'43.20208" West
Latitude = 32.08115381" North
Longitude = 93.47866724" West
NAD 27
X = 1,696,887.048
Y = 515,885.017
State Plane Grid, LA North 1701

Latitude = 32°04'52.73270" North
Longitude = 93°28'43.83498" West
Latitude = 32.08131464" North
Longitude = 93.47884305" West
NAD 83
X = 2,977,672.943
Y = 576,592.577
State Plane Grid, LA North 1701



Ground Elevation = 137.57
(NAVD 88)

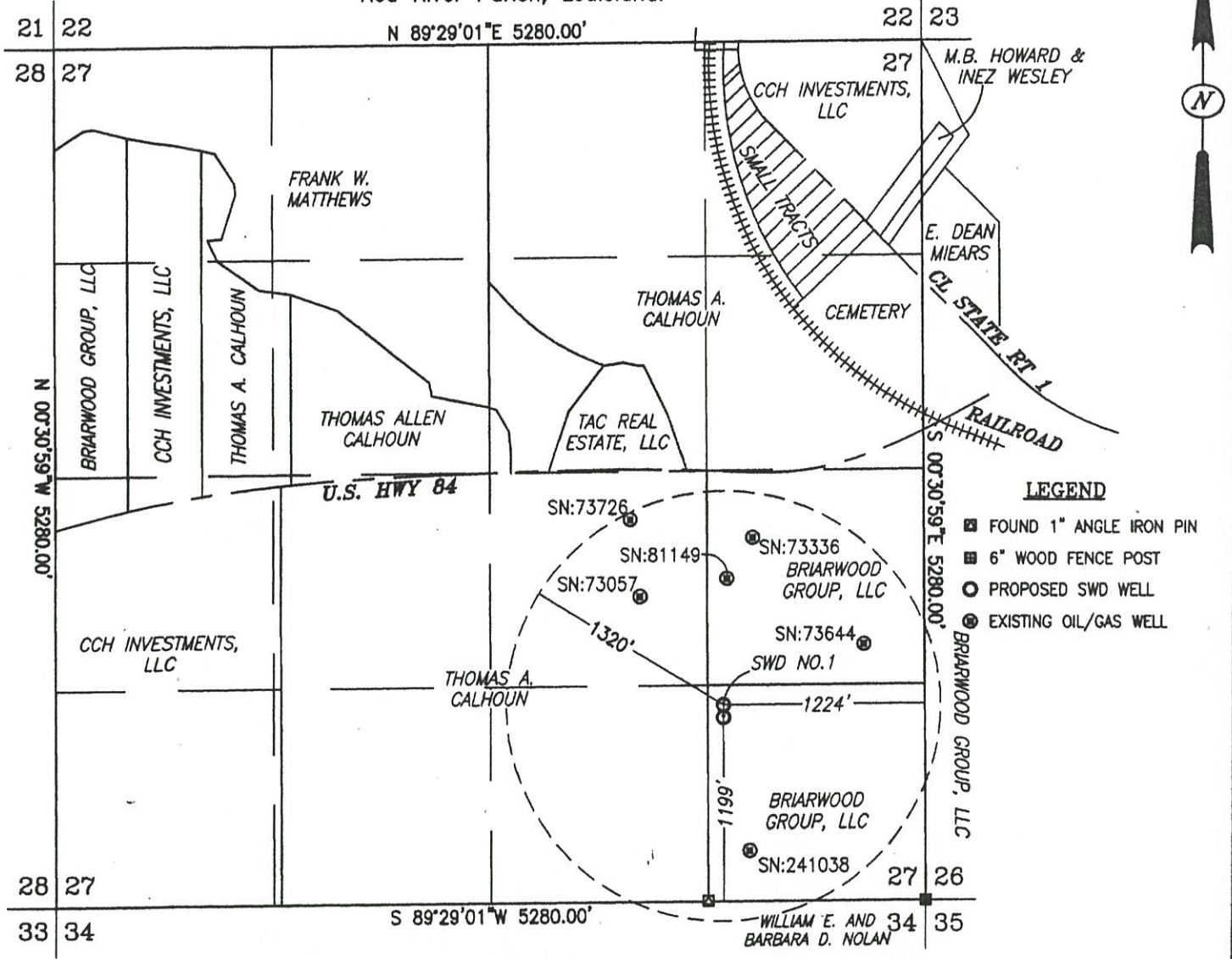
DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100 18-224C
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 001

Located 1199 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'52.15372" North
Longitude = 93°28'43.20208" West
Latitude = 32.08115381" North
Longitude = 93.47866724" West
NAD 27
X = 1,696,887.048
Y = 515,885.017
State Plane Grid, LA North 1701

Latitude = 32°04'52.73270" North
Longitude = 93°28'43.83498" West
Latitude = 32.08131464" North
Longitude = 93.47884305" West
NAD 83
X = 2,977,672.943
Y = 576,592.577
State Plane Grid, LA North 1701

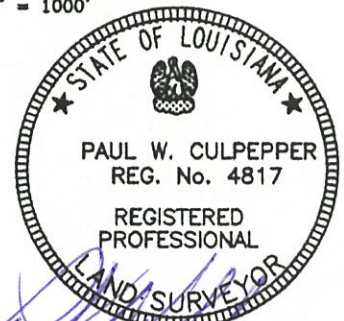


Scale: 1" = 1000'

Ground Elevation = 137.57
(NAVD 88)

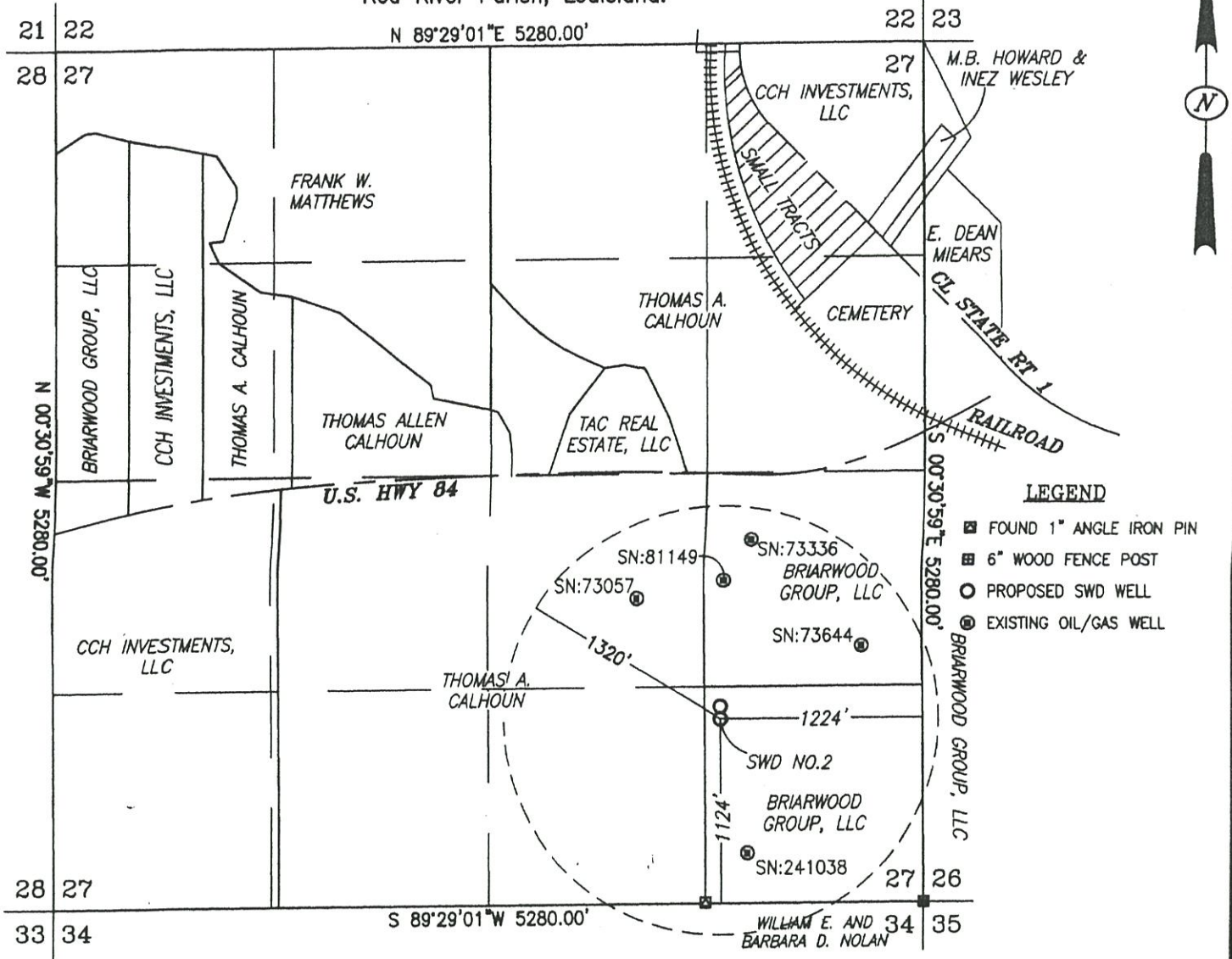
DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100 18-224C
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



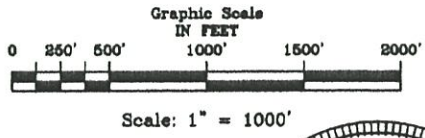
PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 002

Located 1124 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'51.41310"North
Longitude = 93°28'43.19307"West
Latitude = 32.080948808" North
Longitude = 93.47866474" West
NAD 27
X = 1,696,887.147
Y = 515,810.176
State Plane Grid, LA North 1701

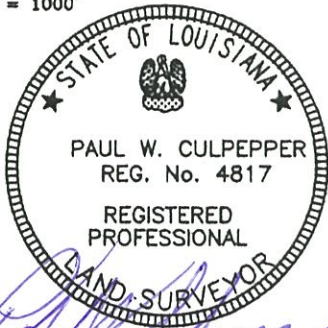
Latitude = 32°04'51.99209"North
Longitude = 93°28'43.82597"West
Latitude = 32.08110891" North
Longitude = 93.47884055" West
NAD 83
X = 2,977,673.042
Y = 576,517.735
State Plane Grid, LA North 1701



Ground Elevation = 138.12
(NAVD 88)

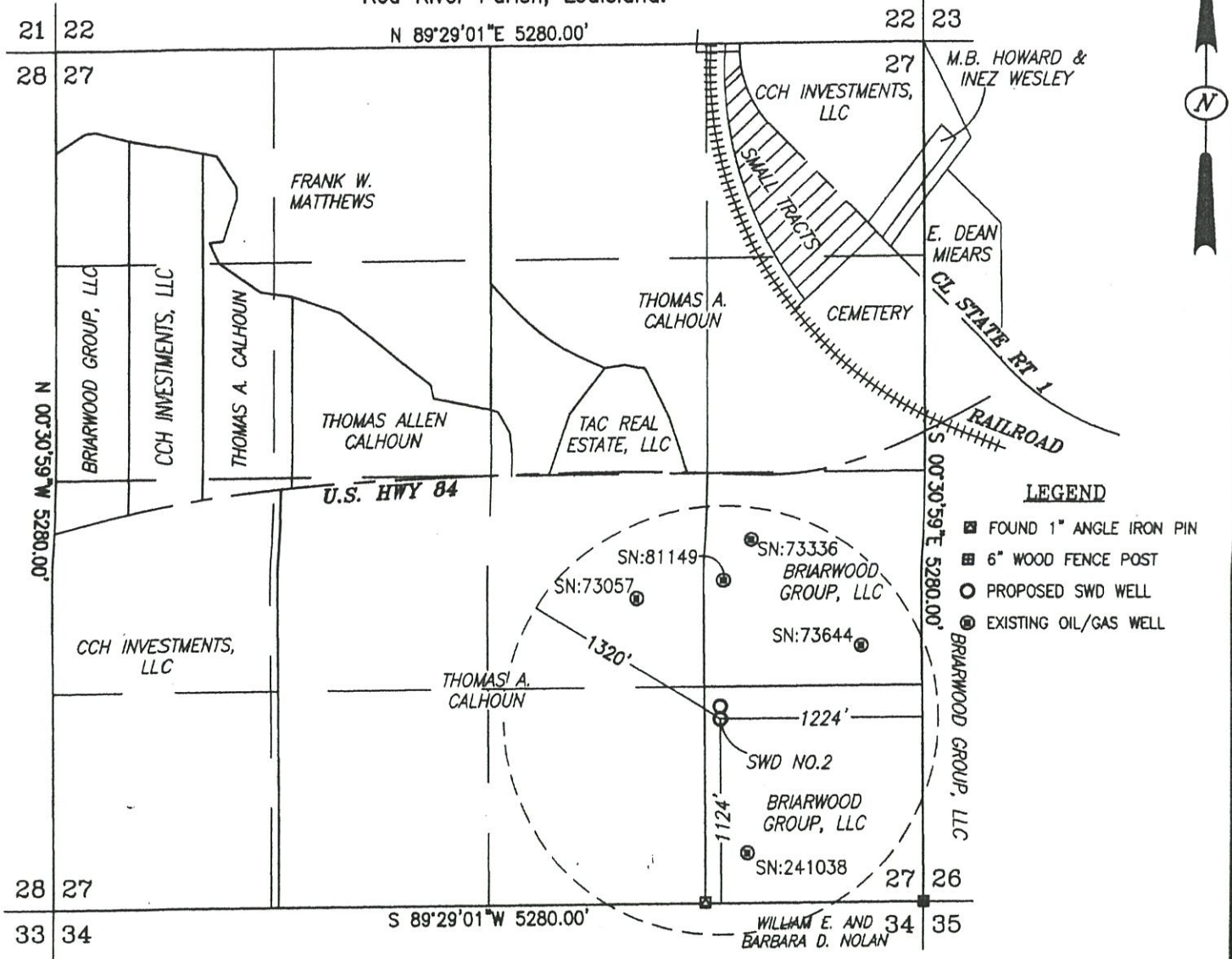
DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100 18-224D
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



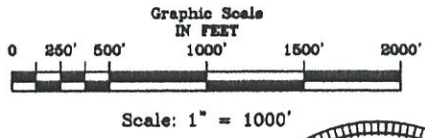
PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 002

Located 1124 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'51.41310"North
Longitude = 93°28'43.19307"West
Latitude = 32.080948808" North
Longitude = 93.47866474" West
NAD 27
X = 1,696,887.147
Y = 515,810.176
State Plane Grid, LA North 1701

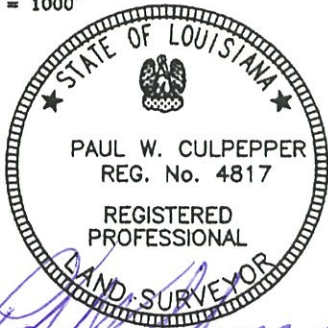
Latitude = 32°04'51.99209"North
Longitude = 93°28'43.82597"West
Latitude = 32.08110891" North
Longitude = 93.47884055" West
NAD 83
X = 2,977,673.042
Y = 576,517.735
State Plane Grid, LA North 1701



Ground Elevation = 138.12
(NAVD 88)

DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

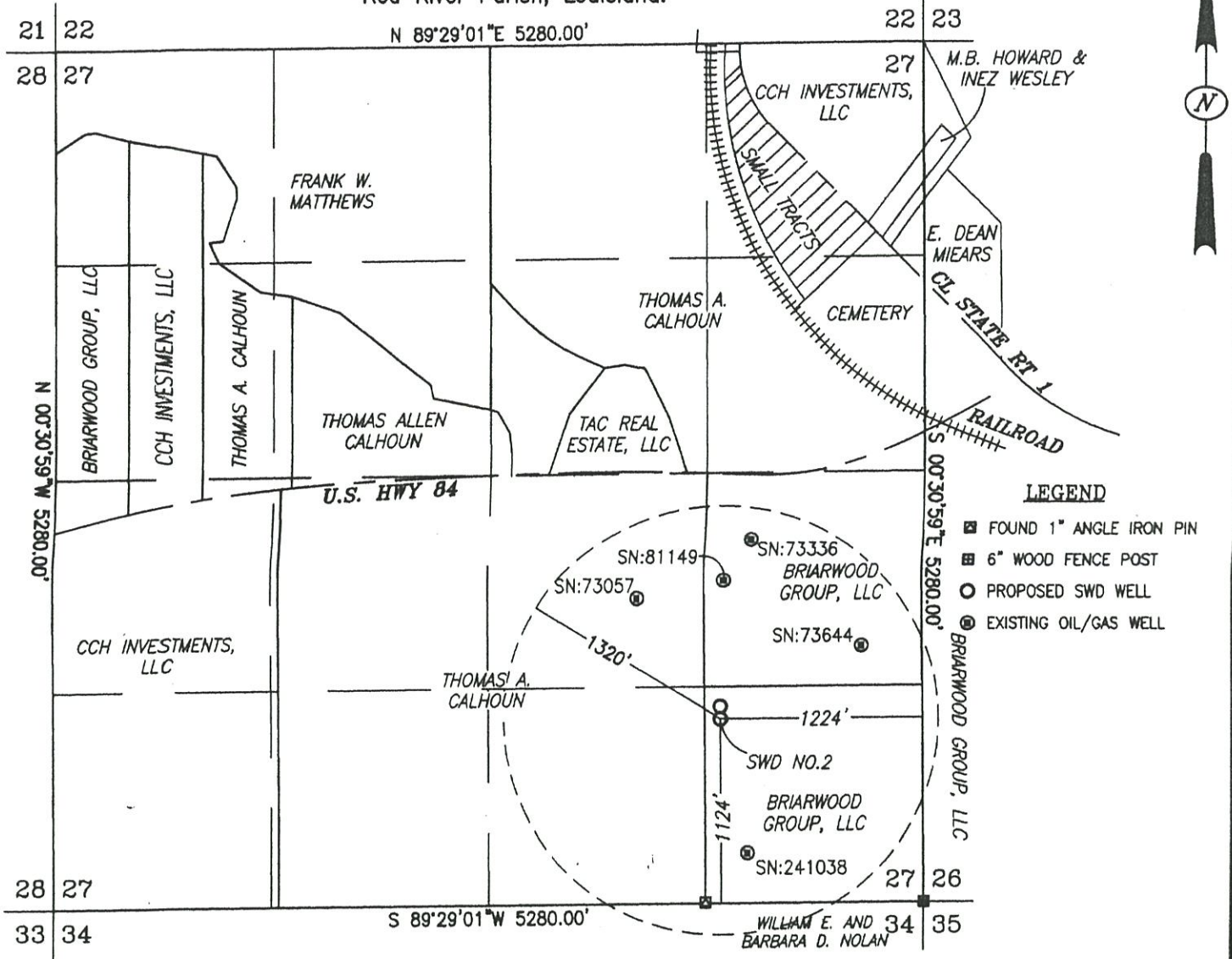
I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	

18-224D

Section 27, Township 13 North, Range 11 West,
Red River Parish, Louisiana.



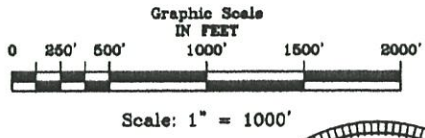
PLAT SHOWING LOCATION

PA PROSPECT CORPORATION ----- REIMER CALHOUN SWD NO. 002

Located 1124 feet from the South line and 1224 feet from the East line of Section 27,
Township 13 North, Range 11 West, Red River Parish, Louisiana.

Latitude = 32°04'51.41310" North
Longitude = 93°28'43.19307" West
Latitude = 32.080948808" North
Longitude = 93.47866474" West
NAD 27
X = 1,696,887.147
Y = 515,810.176
State Plane Grid, LA North 1701

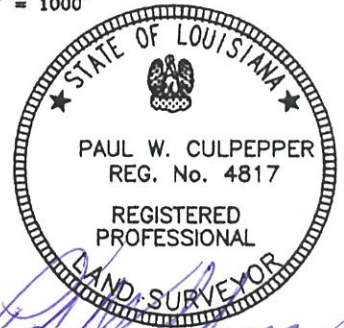
Latitude = 32°04'51.99209" North
Longitude = 93°28'43.82597" West
Latitude = 32.08110891" North
Longitude = 93.47884055" West
NAD 83
X = 2,977,673.042
Y = 576,517.735
State Plane Grid, LA North 1701



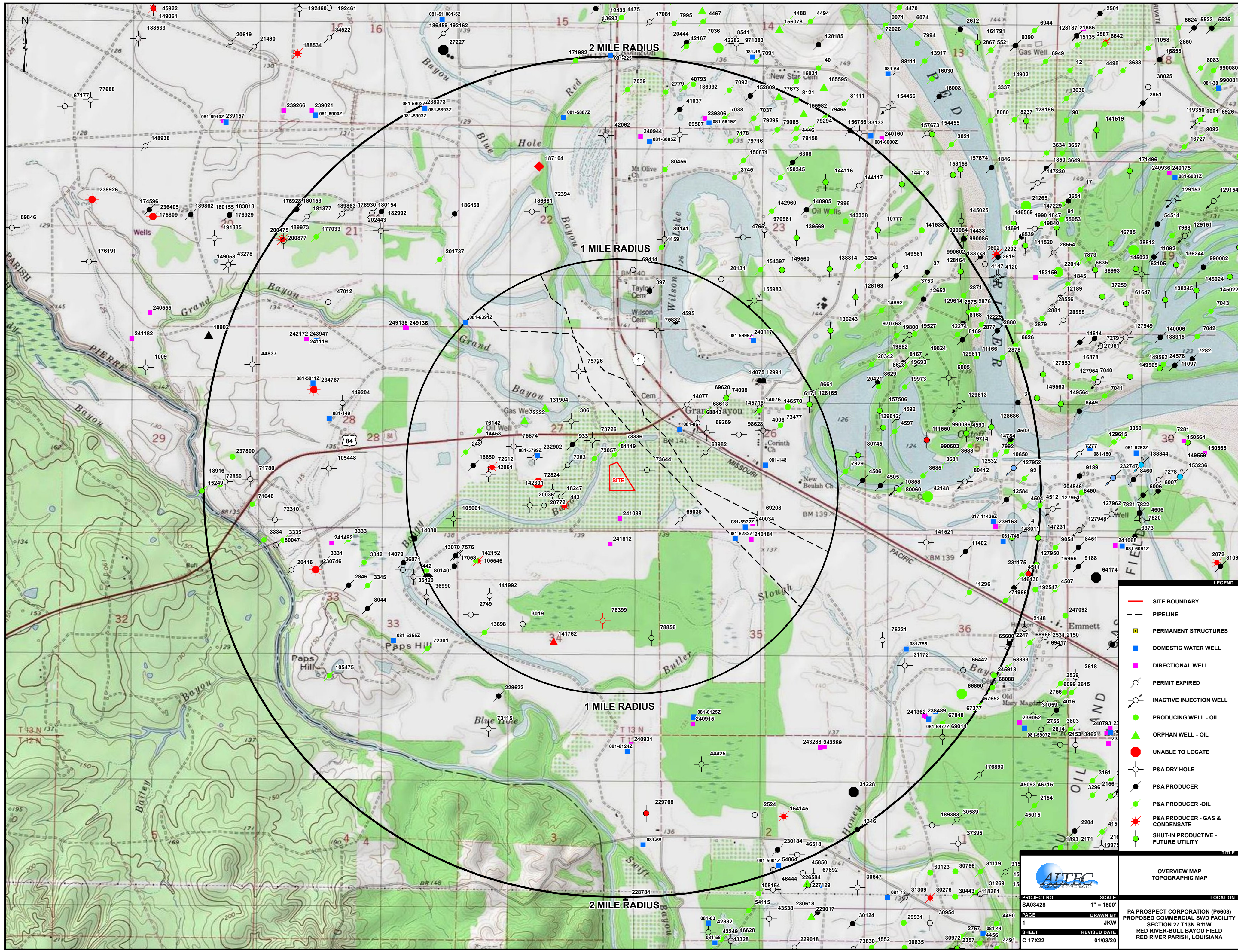
Ground Elevation = 138.12
(NAVD 88)

DATE: FIELD: JANUARY 29, 2019
DRAWING: JANUARY 30, 2019
REVISED: OCTOBER 30, 2019

I, Paul W. Culpepper, Professional Land Surveyor, certify that the well location depicted and described in this plat was stated and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined the survey and plat, and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.



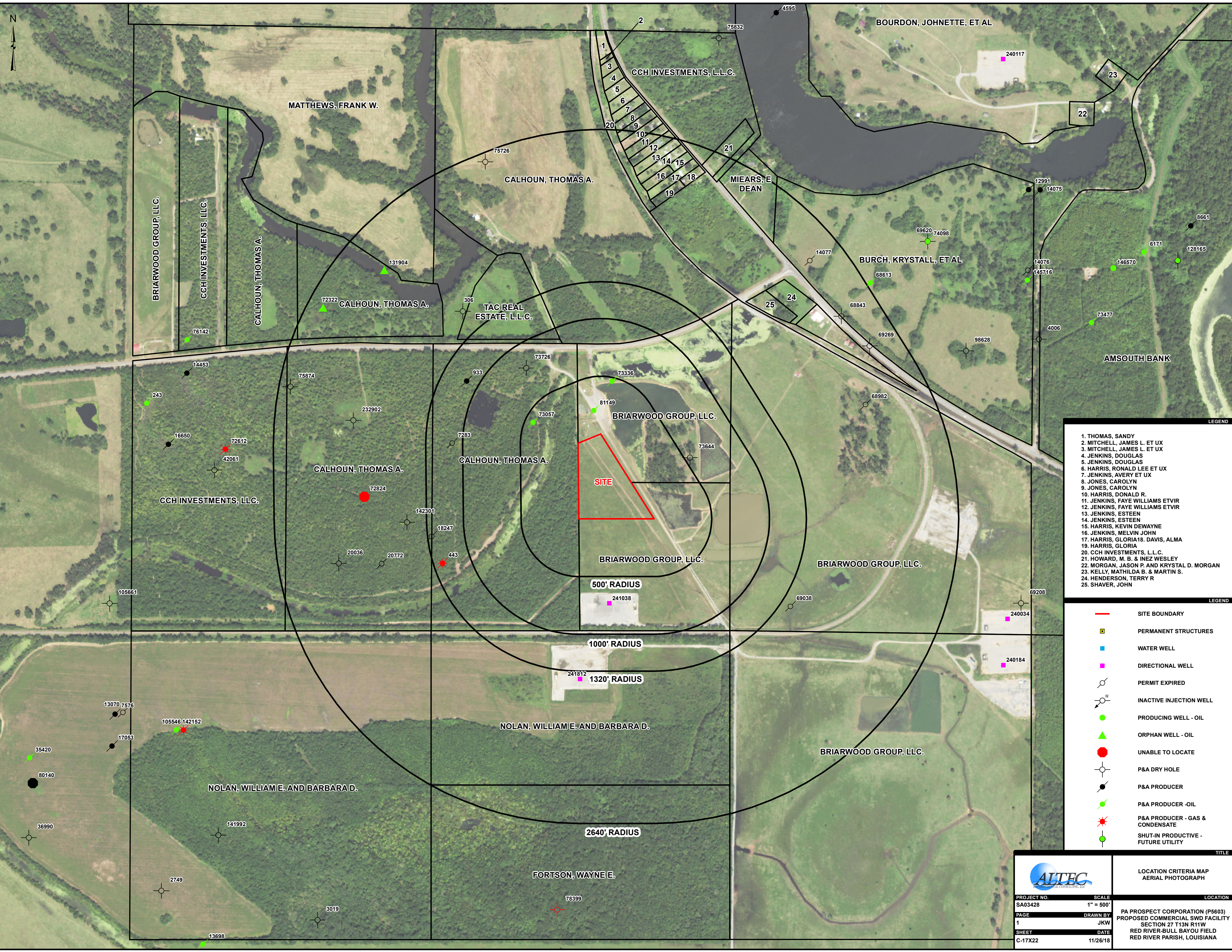
SCALE: 1" = 1000'	Landmark Land Surveying, Inc. 114 Pearl St., Minden, Louisiana (318) 371-9100 18-224D
LOCATION: 27-13-11	
DATE: JANUARY 30, 2019	



- LEGEND**
- SITE BOUNDARY
 - - - PIPELINE
 - PERMANENT STRUCTURES
 - DOMESTIC WATER WELL
 - DIRECTIONAL WELL
 - PERMIT EXPIRED
 - INACTIVE INJECTION WELL
 - PRODUCING WELL - OIL
 - ▲ ORPHAN WELL - OIL
 - UNABLE TO LOCATE
 - P&A DRY HOLE
 - P&A PRODUCER
 - P&A PRODUCER - OIL
 - P&A PRODUCER - GAS & CONDENSATE
 - SHUT-IN PRODUCTIVE - FUTURE UTILITY



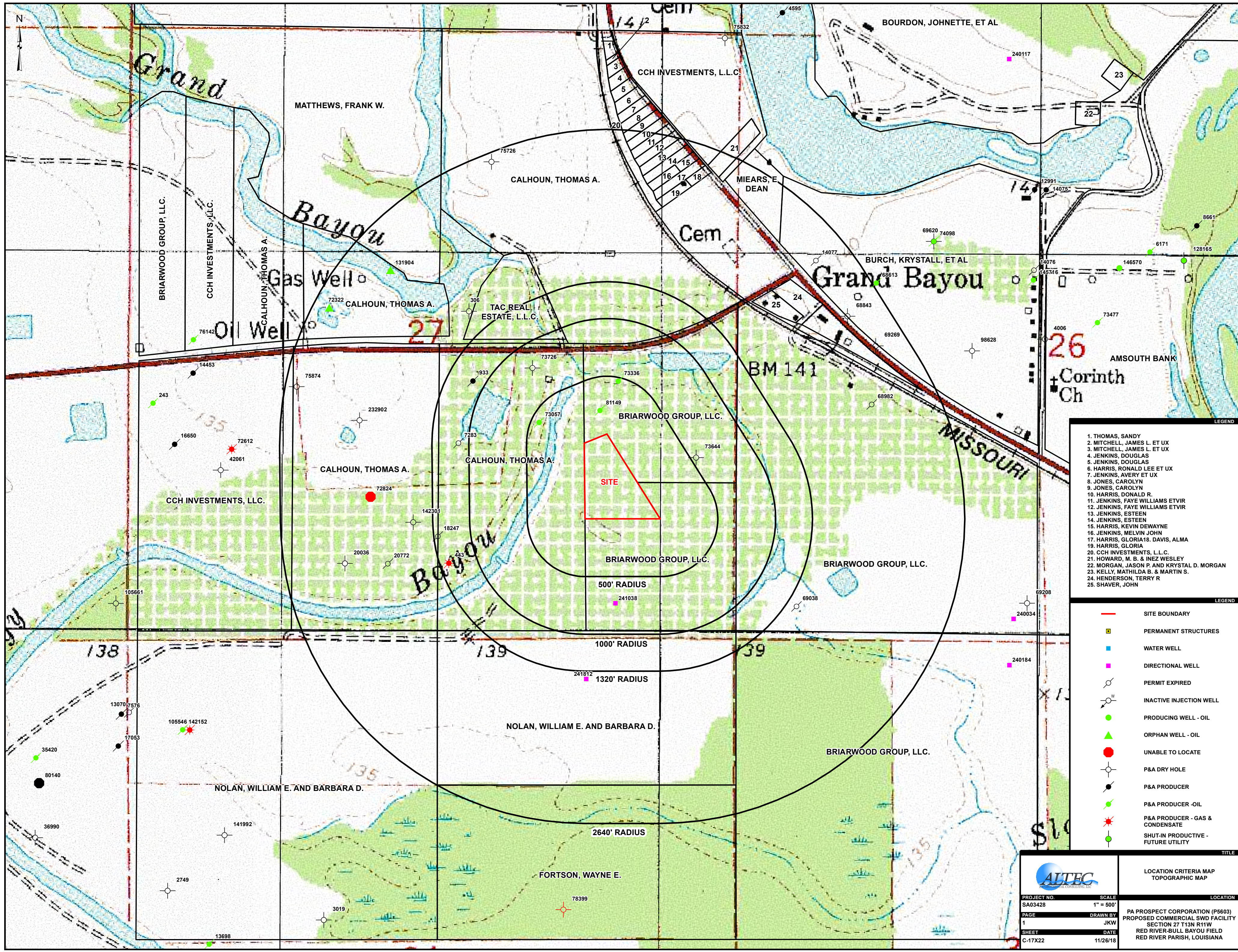
PROJECT NO.	SCALE	LOCATION
SA03428	1" = 1500'	PA PROSPECT CORPORATION (P5603) PROPOSED COMMERCIAL SWD FACILITY
PAGE 1	DRAWN BY JKW	SECTION 27 T13N R11W RED RIVER-BULL BAYOU FIELD RED RIVER PARISH, LOUISIANA
SHEET C-17X22	REVISED DATE 01/03/20	



- LEGEND**
1. THOMAS, SANDY
 2. MITCHELL, JAMES L. ET UX
 3. MITCHELL, JAMES L. ET UX
 4. JENKINS, DOUGLAS
 5. JENKINS, DOUGLAS
 6. HARRIS, RONALD LEE ET UX
 7. JENKINS, AVERY ET UX
 8. JONES, CAROLYN
 9. JONES, CAROLYN
 10. HARRIS, DONALD R.
 11. JENKINS, FAYE WILLIAMS ETVIR
 12. JENKINS, FAYE WILLIAMS ETVIR
 13. JENKINS, ESTEEN
 14. JENKINS, ESTEEN
 15. HARRIS, KEVIN DEWAYNE
 16. JENKINS, MELVIN JOHN
 17. HARRIS, GLORIA
 18. DAVIS, ALMA
 19. HARRIS, GLORIA
 20. CCH INVESTMENTS, L.L.C.
 21. HOWARD, M. B. & INEZ WESLEY
 22. MORGAN, JASON P. AND KRYSSTAL D. MORGAN
 23. KELLY, MATHILDA B. & MARTIN S.
 24. HENDERSON, TERRY R
 25. SHAVER, JOHN

- LEGEND**
- SITE BOUNDARY
 - PERMANENT STRUCTURES
 - WATER WELL
 - DIRECTIONAL WELL
 - PERMIT EXPIRED
 - INACTIVE INJECTION WELL
 - PRODUCING WELL - OIL
 - ▲ ORPHAN WELL - OIL
 - UNABLE TO LOCATE
 - P&A DRY HOLE
 - P&A PRODUCER
 - P&A PRODUCER - OIL
 - P&A PRODUCER - GAS & CONDENSATE
 - SHUT-IN PRODUCTIVE - FUTURE UTILITY

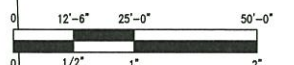
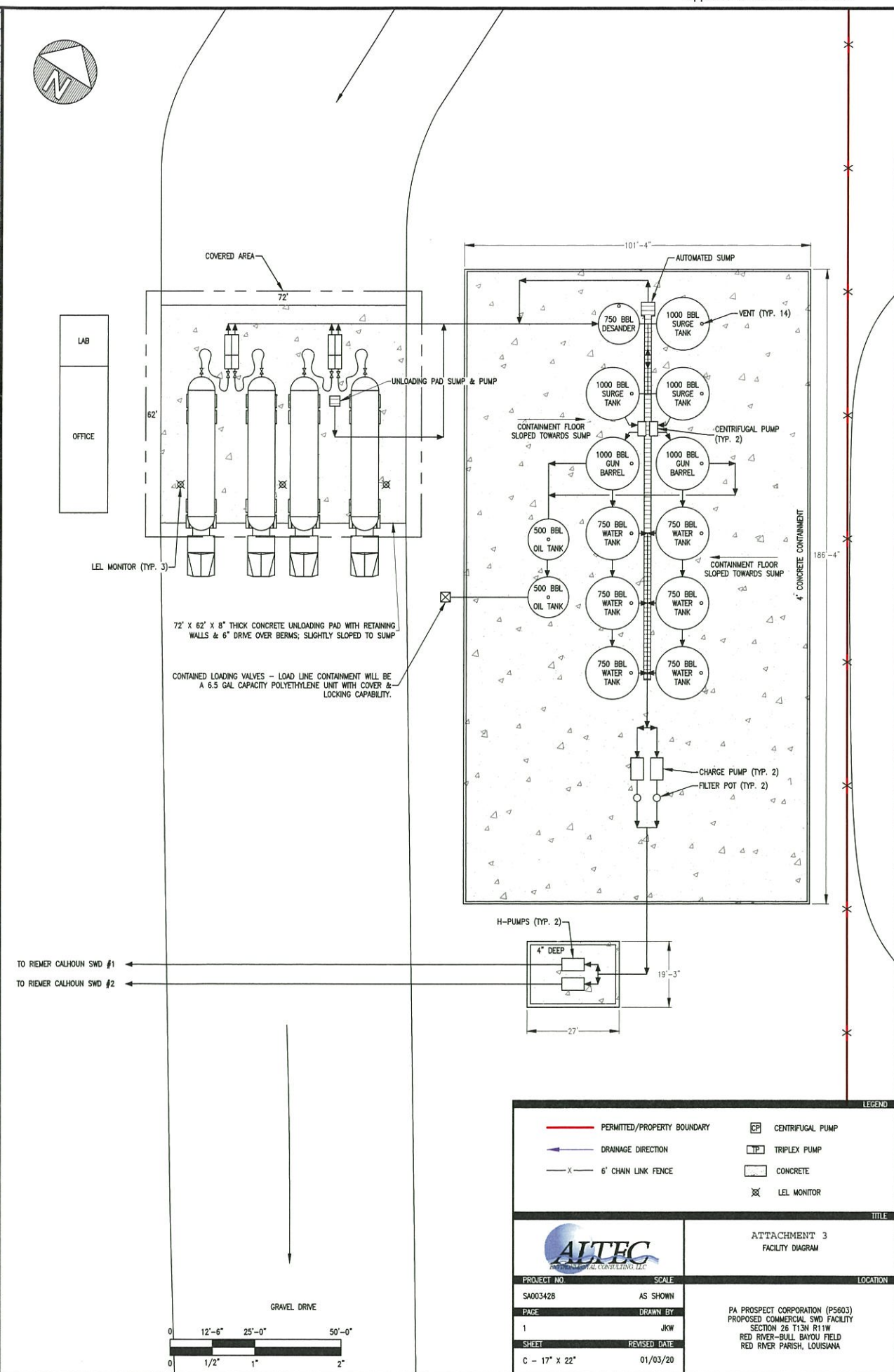
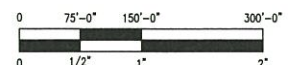
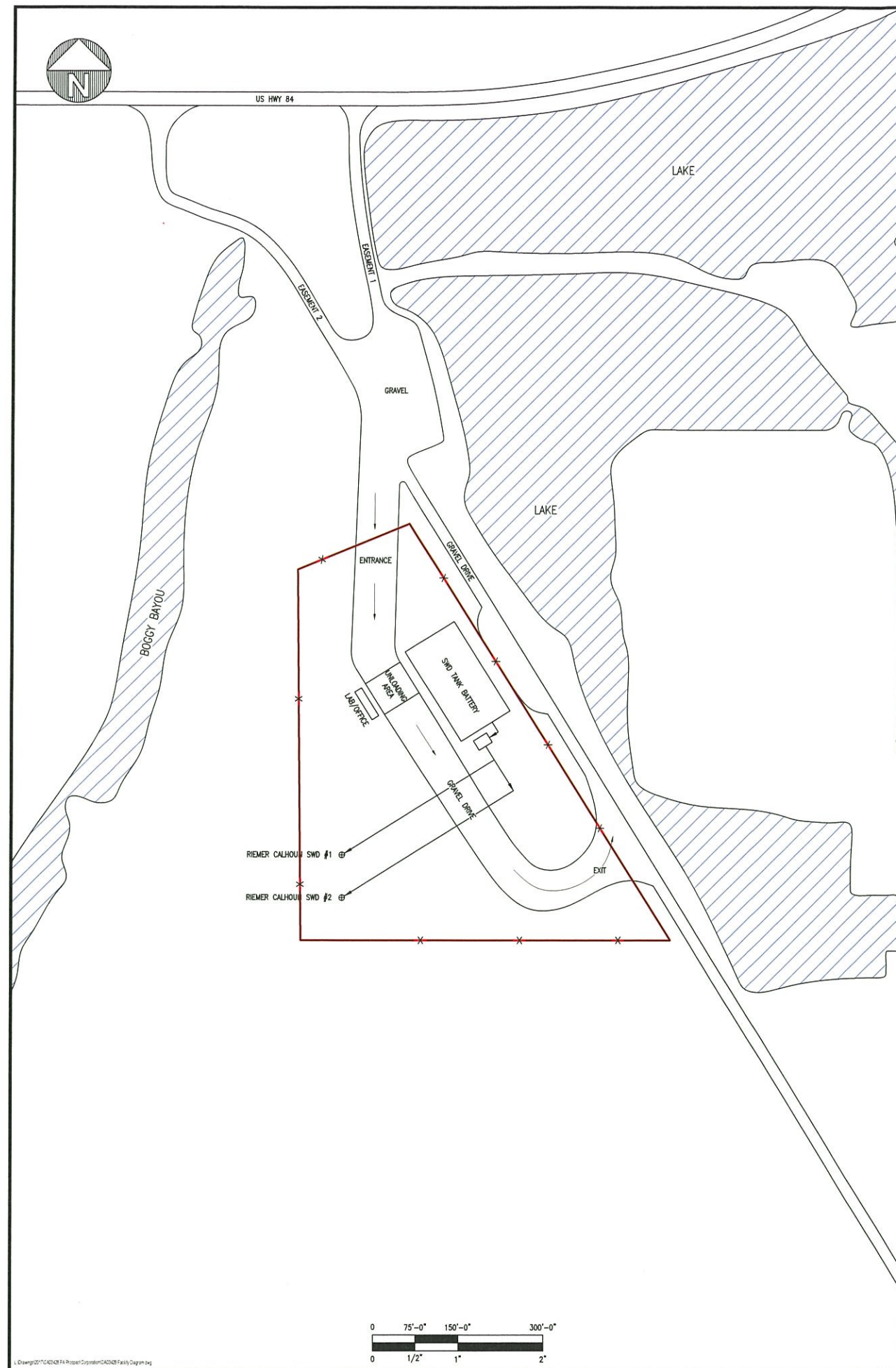
		TITLE
LOCATION CRITERIA MAP AERIAL PHOTOGRAPH		
PROJECT NO. SA03428	SCALE 1" = 500'	LOCATION
PAGE 1	DRAWN BY JKW	PA PROSPECT CORPORATION (P5603) PROPOSED COMMERCIAL SWD FACILITY SECTION 27 T13N R11W RED RIVER-SULL BAYOU FIELD RED RIVER PARISH, LOUISIANA
SHEET C-17X22	DATE 11/26/18	



- LEGEND**
1. THOMAS, SANDY
 2. MITCHELL, JAMES L. ET UX
 3. MITCHELL, JAMES L. ET UX
 4. JENKINS, DOUGLAS
 5. JENKINS, DOUGLAS
 6. HARRIS, RONALD LEE ET UX
 7. JENKINS, AVERY ET UX
 8. JONES, CAROLYN
 9. JONES, CAROLYN
 10. HARRIS, DONALD R.
 11. JENKINS, FAYE WILLIAMS ETVIR
 12. JENKINS, FAYE WILLIAMS ETVIR
 13. JENKINS, ESTEEN
 14. JENKINS, ESTEEN
 15. HARRIS, KEVIN DEWAYNE
 16. JENKINS, MELVIN JOHN
 17. HARRIS, GLORIA
 18. DAVIS, ALMA
 19. HARRIS, GLORIA
 20. CCH INVESTMENTS, L.L.C.
 21. HOWARD, M. B. & INEZ WESLEY
 22. MORGAN, JASON P. AND KRystal D. MORGAN
 23. KELLY, MATHILDA B. & MARTIN S.
 24. HENDERSON, TERRY R.
 25. SHAVER, JOHN

- LEGEND**
- SITE BOUNDARY
 - PERMANENT STRUCTURES
 - WATER WELL
 - DIRECTIONAL WELL
 - PERMIT EXPIRED
 - INACTIVE INJECTION WELL
 - PRODUCING WELL - OIL
 - ▲ ORPHAN WELL - OIL
 - UNABLE TO LOCATE
 - P&A DRY HOLE
 - P&A PRODUCER
 - P&A PRODUCER - OIL
 - ★ P&A PRODUCER - GAS & CONDENSATE
 - SHUT-IN PRODUCTIVE - FUTURE UTILITY

		TITLE
LOCATION CRITERIA MAP TOPOGRAPHIC MAP		
PROJECT NO. SA03428	SCALE 1" = 500'	LOCATION
PAGE 1	DRAWN BY JKW	PA PROSPECT CORPORATION (P5603) PROPOSED COMMERCIAL SWD FACILITY SECTION 27 T13N R11W RED RIVER-SULL BAYOU FIELD RED RIVER PARISH, LOUISIANA
SHEET C-17X22	DATE 11/26/18	



LEGEND	
	PERMITTED/PROPERTY BOUNDARY
	DRAINAGE DIRECTION
	6' CHAIN LINK FENCE
	CENTRIFUGAL PUMP
	TRIPLEX PUMP
	CONCRETE
	LEL MONITOR

TITLE		LOCATION	
 ATTACHMENT 3 FACILITY DIAGRAM		PA PROSPECT CORPORATION (P5603) PROPOSED COMMERCIAL SWD FACILITY SECTION 26 T13N R11W RED RIVER-BULL BAYOU FIELD RED RIVER PARISH, LOUISIANA	
PROJECT NO.	SCALE	PAGE	DRAWN BY
SA003428	AS SHOWN	1	JKW
SHEET	REVISED DATE	C - 17" X 22"	
	01/03/20		