

## APPLICATION TO INSTALL PRIVATE LINE

DATE: 4/9/2018

TO THE COMMISSIONERS COURT OF BROWN COUNTY,

Application is hereby made by Breviloba, LLC, to bore under the County Roads to install a 24" NGL pipeline within the right-of-way and/or across the county roads in Brown County, Texas, at the following locations:

Precinct # 2

Drawing Profile #	Road Crossing	Min. Depth below Bar Ditch or lowest point	Min. Depth Below Road Surface	Location Coordinates
TX-BR-0016.00010	CR 414	36"	48"	See attached Plan & Profiles
TX-BR-0023.00010	CR 433	36"	48"	See attached Plan & Profiles
TX-BR-0027.00010	CR 120	36"	48"	See attached Plan & Profiles
TX-BR-0029.00010	CR 119	36"	48"	See attached Plan & Profiles
TX-BR-0033.00010	CR 425	36"	48"	See attached Plan & Profiles
TX-BR-0049.00010	CR 411	36"	48"	See attached Plan & Profiles
TX-BR-0053.00010	CR 408	36"	48"	See attached Plan & Profiles
TX-BR-0057.00010	CR 478	36"	48"	See attached Plan & Profiles
TX-BR-0059.00010	CR 479	36"	48"	See attached Plan & Profiles
TX-BR-0065.00010	CR 478	36"	48"	See attached Plan & Profiles

These locations and descriptions of the proposed line and associated appurtenances is more fully shown by the plat of such line attached to this application. The line will be constructed and maintained on the County right-of-way in accordance with governing laws. And installed at a depth of 24" to 30" below the lowest level of the bar ditch.

Notwithstanding any other provision contained herein, it is expressly understood that tender of this notice by the undersigned does constitute a waiver, surrender, abandonment or impairment of any property rights, franchise, easement, license, authority, permission, privilege or right now granted by law or may be granted in the future and any provision of provisions so construed shall be null and void.

The Commissioner of the above precinct will be notified of the time and date of installation at least 24 hours in advance.

April 16, 2018  
(Exhibit # 5)

This permit will become null and void if work is not completed within 90-days from date of acceptance by the Brown County Commissioners Court.

I certify that the above-proposed installations will not impair or harm the ingress and egress of adjacent landowners.

Construction of this line will begin on or after the 9<sup>th</sup> day of July, 2018

By \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_



414

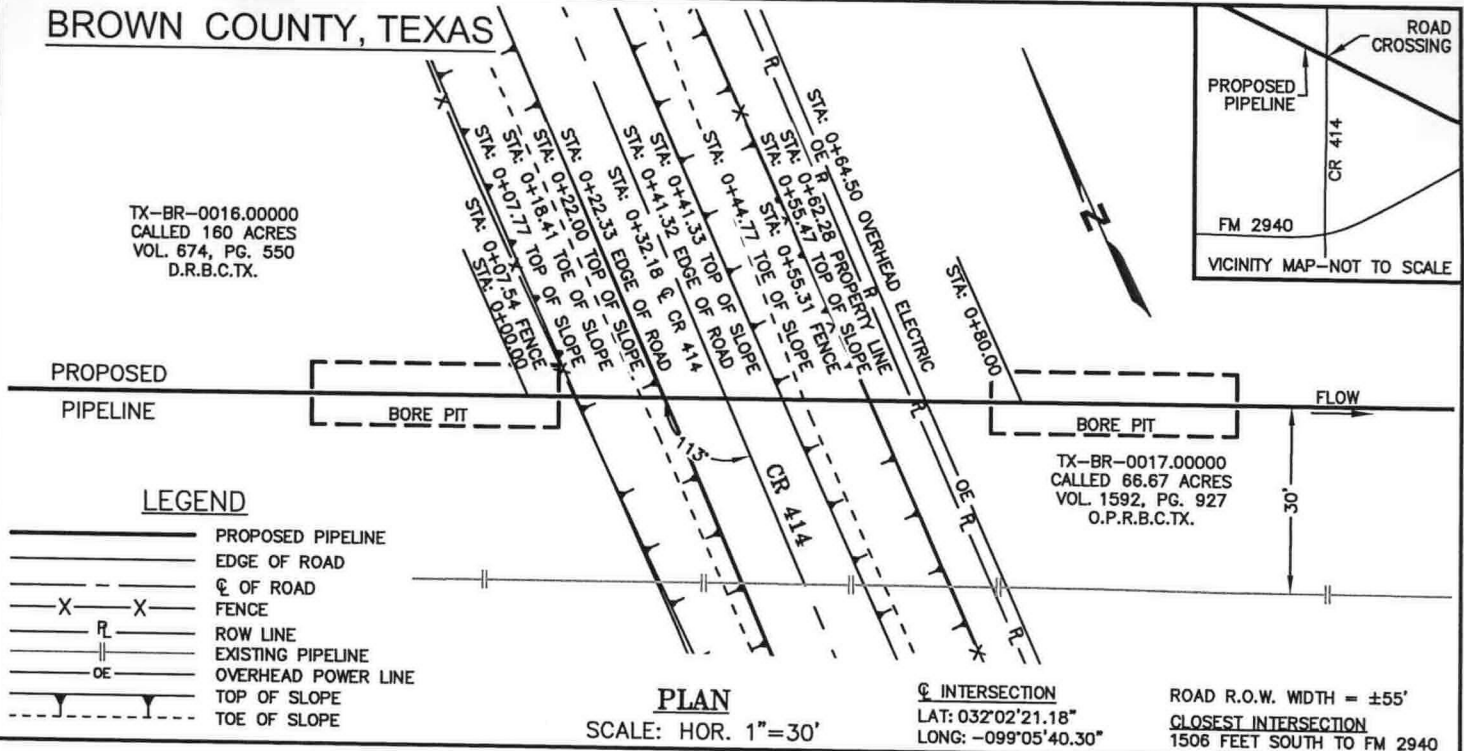
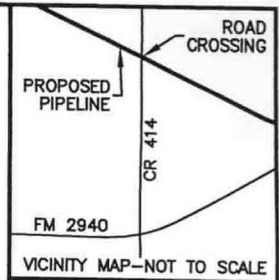
CR 414

2940

FM 2940

# BROWN COUNTY, TEXAS

TX-BR-0016.00000  
CALLED 160 ACRES  
VOL. 674, PG. 550  
D.R.B.C.TX.



### LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- C. OF ROAD
- FENCE
- ROW LINE
- EXISTING PIPELINE
- OVERHEAD POWER LINE
- TOP OF SLOPE
- TOE OF SLOPE

### PLAN

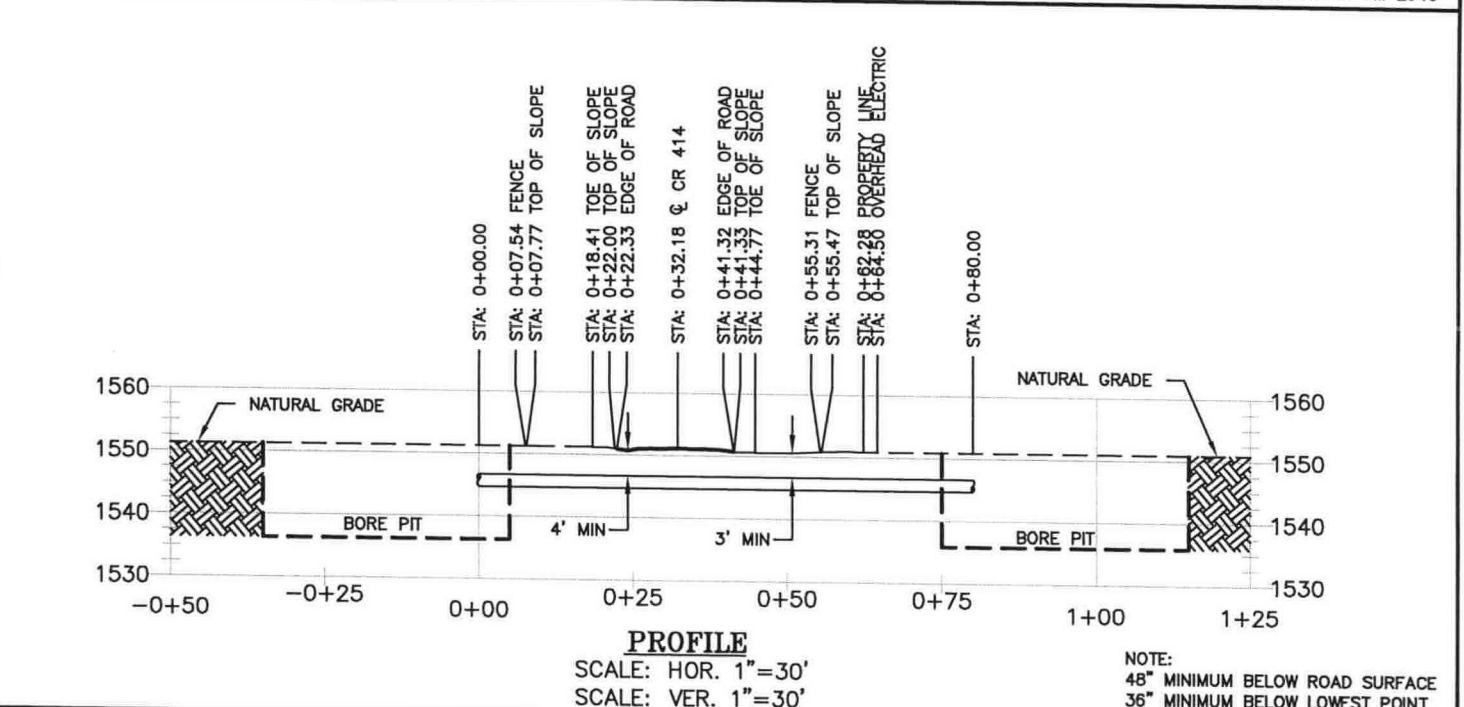
SCALE: HOR. 1"=30'

### C. INTERSECTION

LAT: 032°02'21.18"  
LONG: -099°05'40.30"

ROAD R.O.W. WIDTH = ±55'

CLOSEST INTERSECTION  
1506 FEET SOUTH TO FM 2940



### PROFILE

SCALE: HOR. 1"=30'  
SCALE: VER. 1"=30'

### NOTE:

- 48" MINIMUM BELOW ROAD SURFACE
- 36" MINIMUM BELOW LOWEST POINT

### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
2. EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATION GENERATED FROM PREVIOUS MAPS AND SURVEY. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES IN THE AREA OF WORK PRIOR TO CONSTRUCTION AND CALL TEXAS ONE CALL SYSTEM AT 1-800-344-8377 AND ALL OTHER UTILITY COMPANIES AT LEAST 2 WORKING DAYS (48 HOURS) PRIOR TO CONSTRUCTION.
3. THIS CROSSING IS DESIGNED AND WILL BE CONSTRUCTED IN ACCORDANCE WITH TITLE 49, CODE OF FEDERAL REGULATIONS, PART 195.
4. LINE WILL BE INSTALLED BY BORE METHOD ONLY UNLESS OTHERWISE APPROVED.
5. CONTRACTORS: IT IS YOUR RESPONSIBILITY TO CONTACT THE APPROVING AUTHORITY 48 HOURS PRIOR TO START OF CONSTRUCTION.

### PIPE DATA

1. PRODUCT: NATURAL GAS LIQUIDS
2. CARRIER PIPE: 24.000" X 0.508 MIN W.T.,  
API 5L X-70 PSL2 PIPE W/ 14-22 MILS FBE & 30-40 MILS ARO COATING.
3. SEAM JOINT FACTOR = 1.0
4. MINIMUM TEST PRESSURE 1,850 PSIG
5. MAXIMUM OPERATING PRESSURE 1,480 PSIG

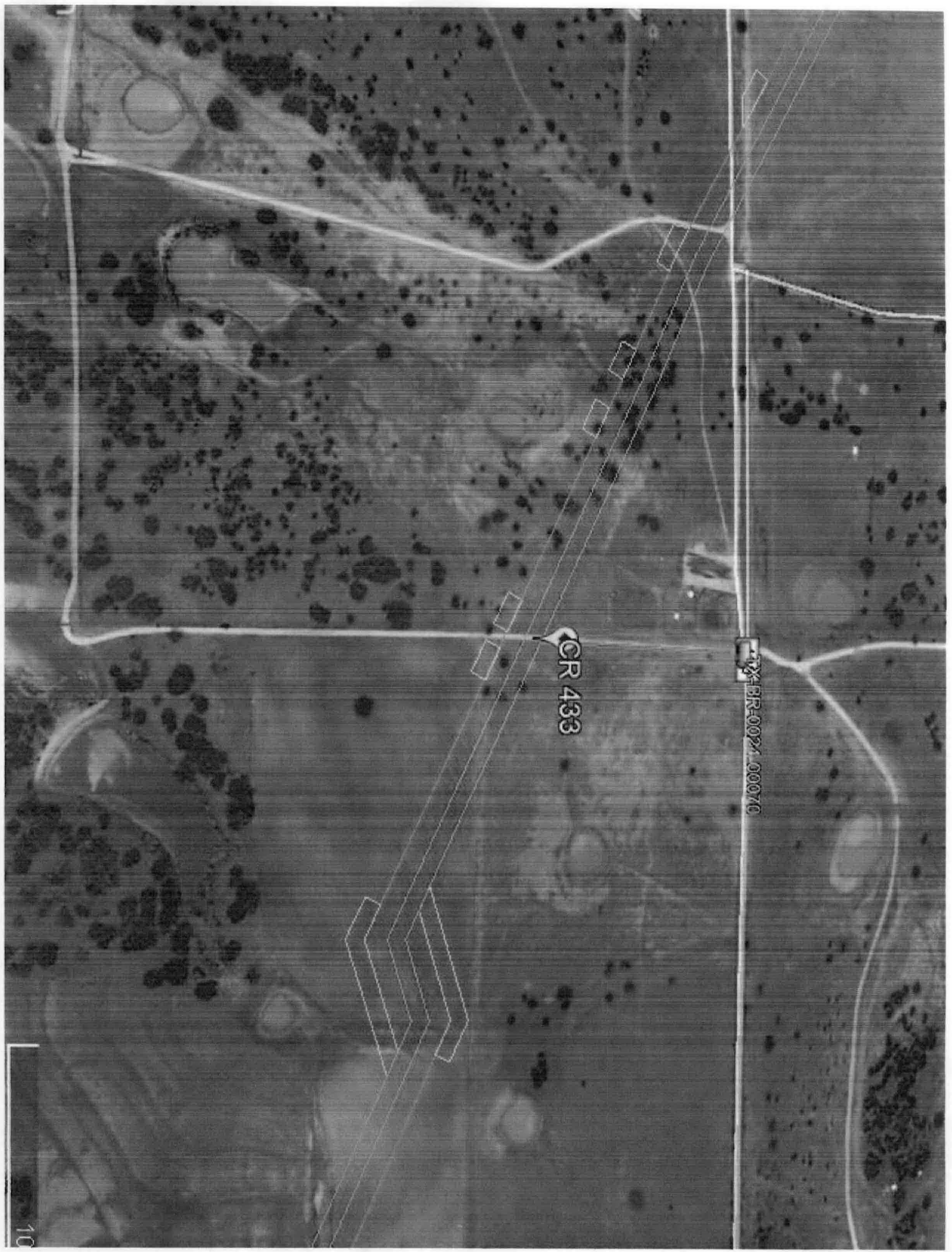
JOB NUMBER:	SHIN OAK PIPELINE 1017039183
DATE:	08/05/17
SCALE:	1"=30'
SURVEYOR:	J. NOLTING
TECHNICIAN:	P. WOODWORTH
DRAWING:	TX-BR-0016.00010.DWG
TRACT ID:	TX-BR-0016.00010

BREVILOBA, LLC

SAM  
SURVEYING+AERIAL MAPPING+ENGINEERING

4801 Southwest Parkway Ofc: 512.447.0575  
Building Two, Suite 100 Fax: 512.328.3029  
Austin Texas, 78735 email: info@sam.biz  
Texas Firm Registration No. 10064300

SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0016.00010  
PROPOSED CROSSING DETAIL  
CR 414  
BROWN COUNTY, TEXAS



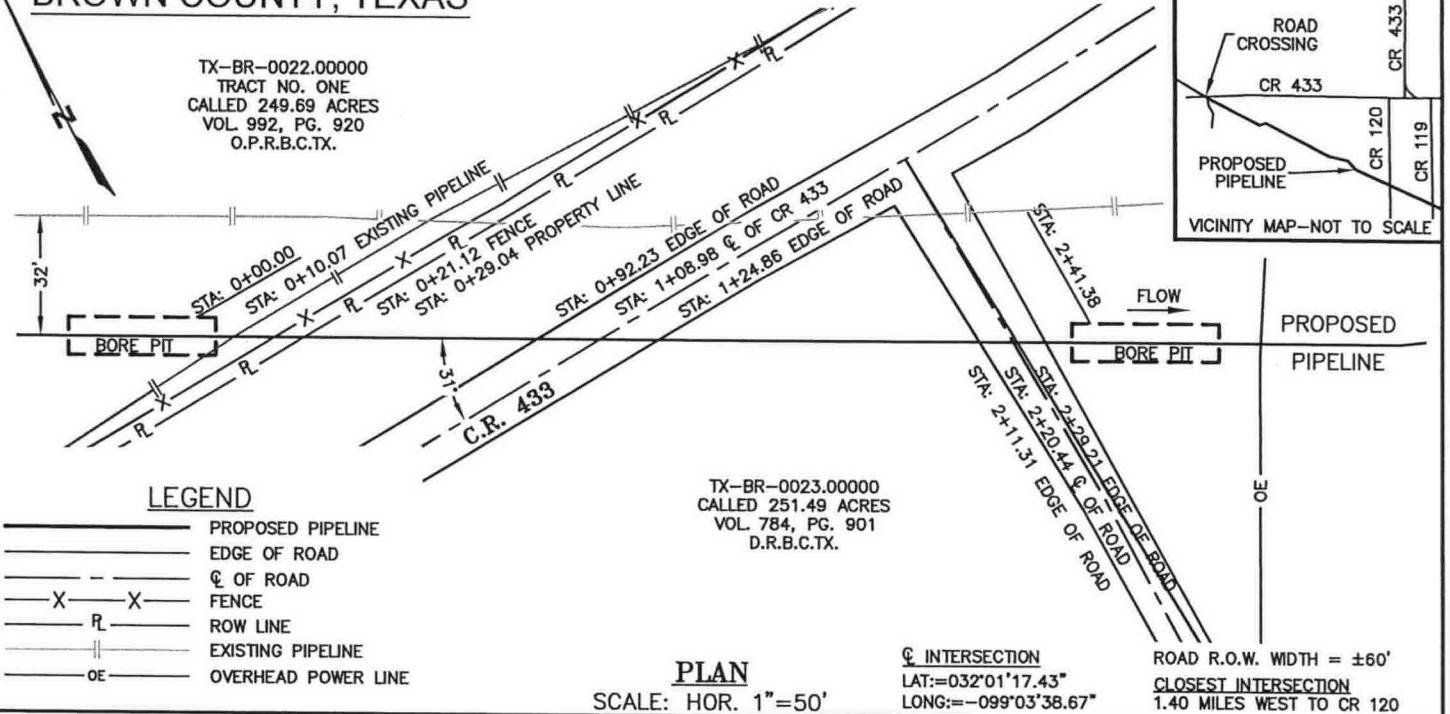
CPR 433

124 BR-0021.00070

10

# BROWN COUNTY, TEXAS

TX-BR-0022.00000  
TRACT NO. ONE  
CALLED 249.69 ACRES  
VOL. 992, PG. 920  
O.P.R.B.C.TX.



## LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- Q OF ROAD
- X X FENCE
- R ROW LINE
- || EXISTING PIPELINE
- OE OVERHEAD POWER LINE

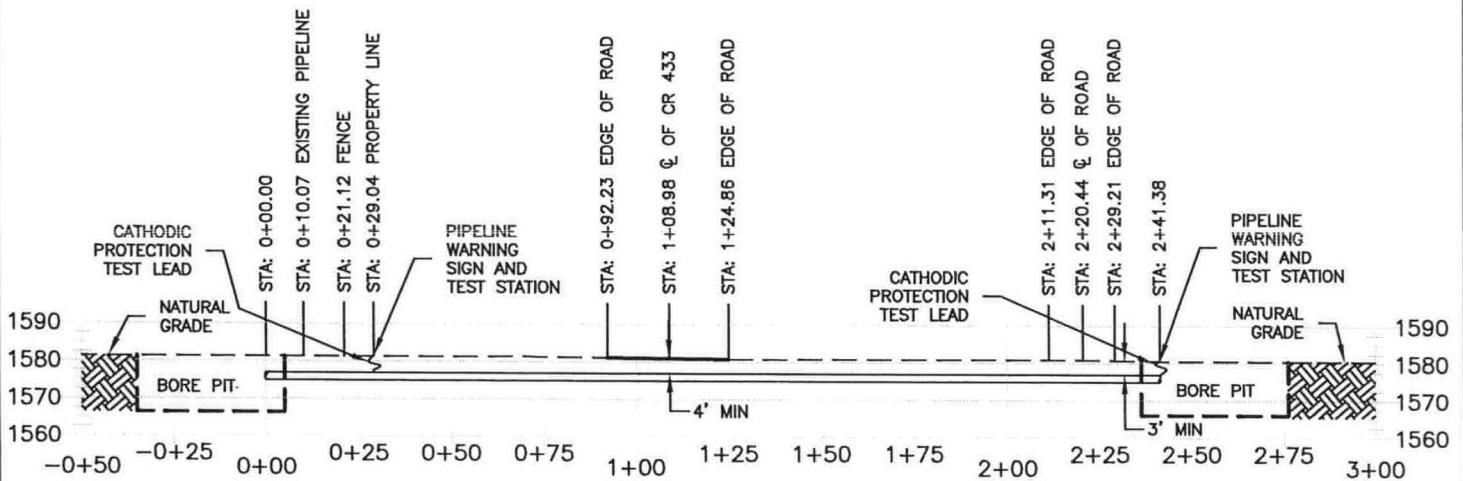
TX-BR-0023.00000  
CALLED 251.49 ACRES  
VOL. 784, PG. 901  
D.R.B.C.TX.

## PLAN

SCALE: HOR. 1"=50'

Q INTERSECTION  
LAT:=-032°01'17.43"  
LONG:=-099°03'38.67"

ROAD R.O.W. WIDTH = ±60'  
CLOSEST INTERSECTION  
1.40 MILES WEST TO CR 120



## PROFILE

SCALE: HOR. 1"=50'  
SCALE: VER. 1"=50'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
4. SEAM JOINT FACTOR = 1.0
5. MINIMUM TEST PRESSURE 1,850 PSIG
6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE  
JOB NUMBER: 1017039183  
DATE: 8/30/2017  
SCALE: 1"=50'  
SURVEYOR: J. NOLTING  
TECHNICIAN: E. HILER  
DRAWING: TX-BR-0023.00010.DWG  
TRACT ID: TX-BR-0023.00010

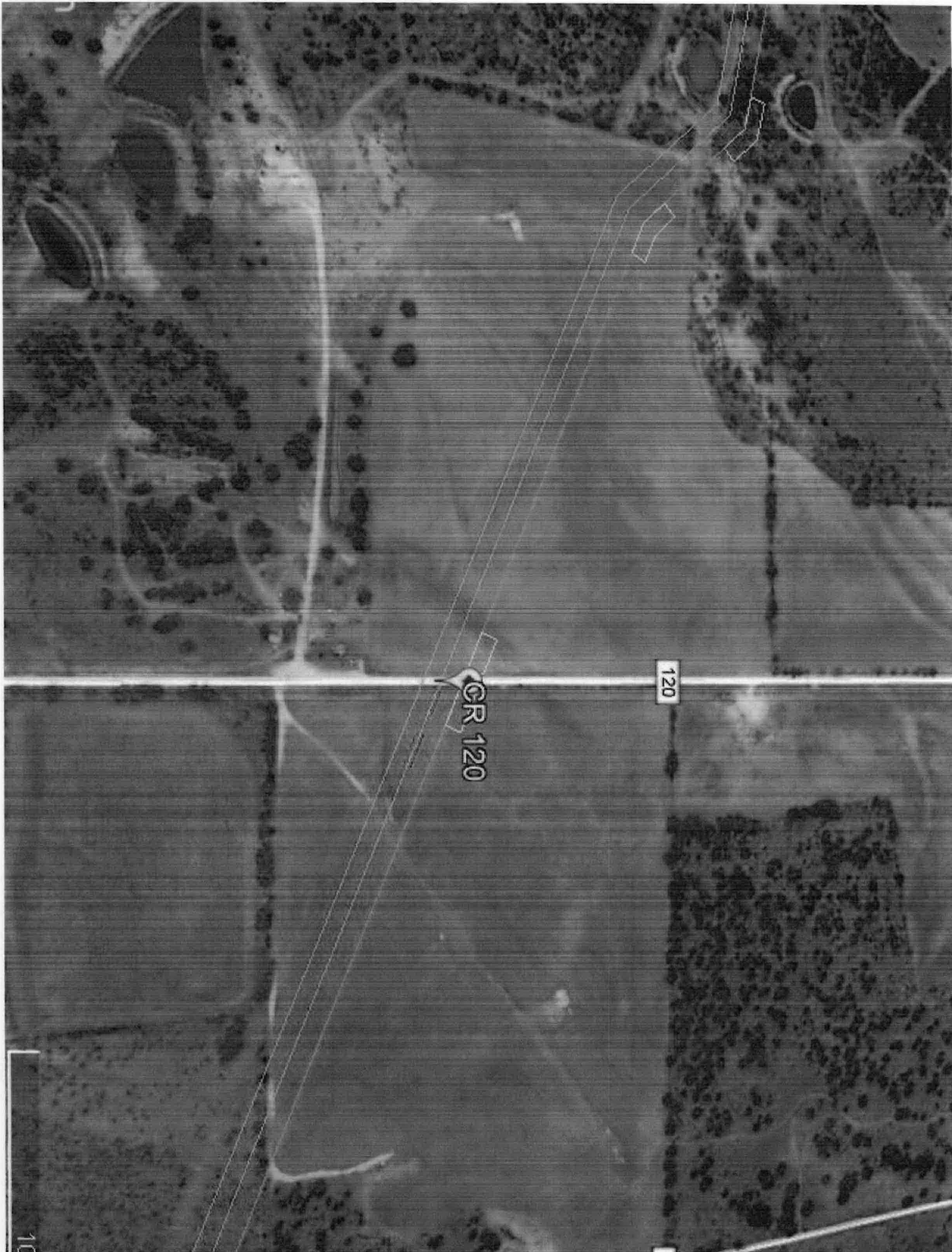


BREVILOBA, LLC



4801 Southwest Parkway  
Building Two, Suite 100  
Austin Texas, 78735  
Texas Firm Registration No. 10064300

SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0023.00010  
PROPOSED CROSSING DETAIL  
CR 433  
BROWN COUNTY, TEXAS



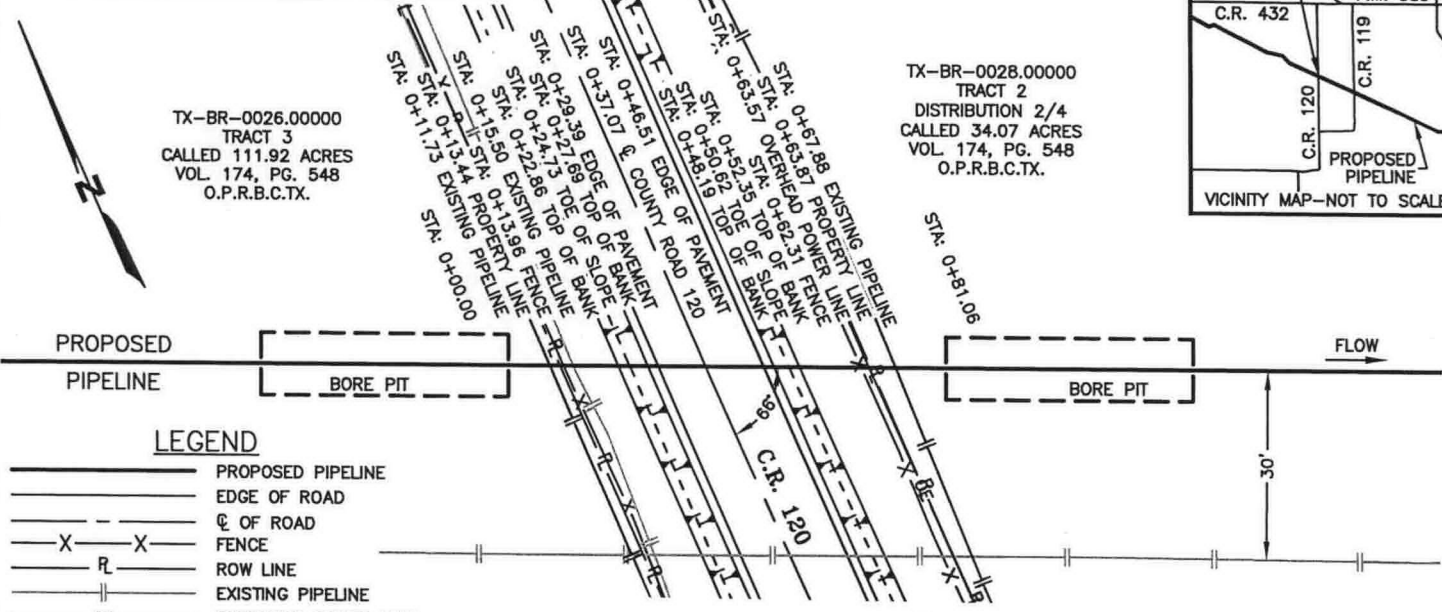
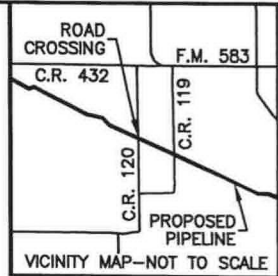
120

GR 120

# BROWN COUNTY, TEXAS

TX-BR-0026.00000  
TRACT 3  
CALLED 111.92 ACRES  
VOL. 174, PG. 548  
O.P.R.B.C.TX.

TX-BR-0028.00000  
TRACT 2  
DISTRIBUTION 2/4  
CALLED 34.07 ACRES  
VOL. 174, PG. 548  
O.P.R.B.C.TX.



### LEGEND

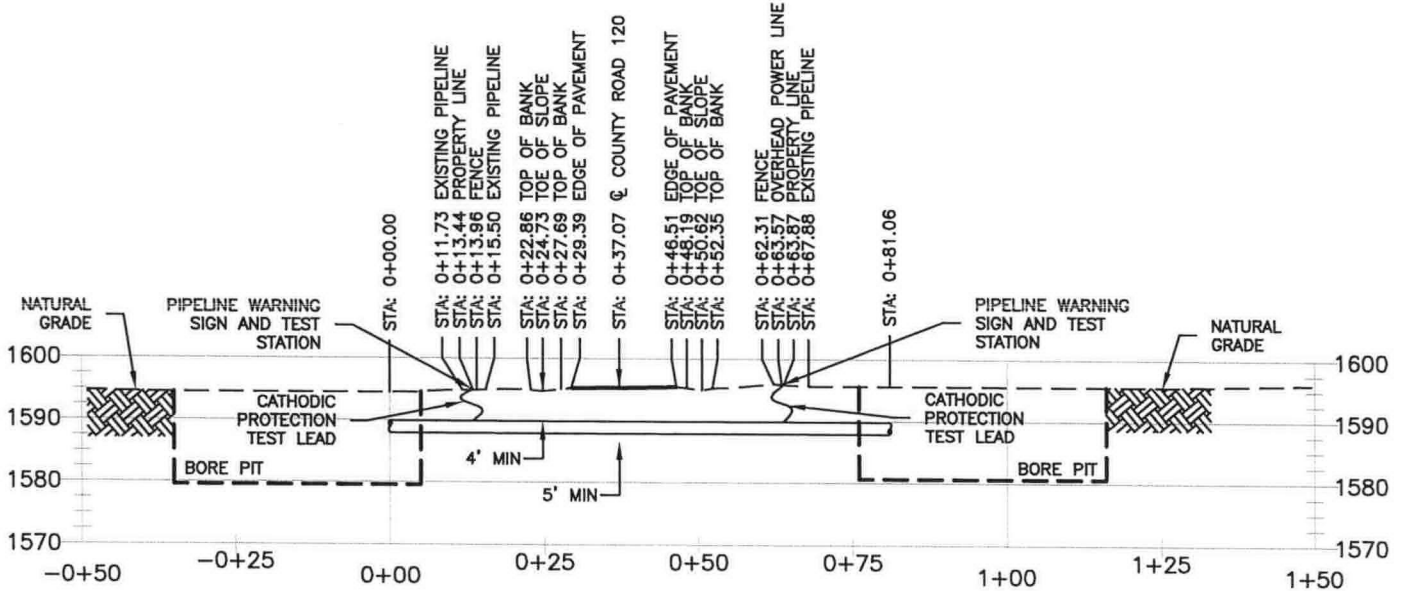
- PROPOSED PIPELINE
- EDGE OF ROAD
- ☉ OF ROAD
- X-X- FENCE
- R- ROW LINE
- - - EXISTING PIPELINE
- OE- OVERHEAD POWER LINE
- ▲ TOP OF SLOPE
- - - TOE OF SLOPE

### PLAN

SCALE: HOR. 1"=30'

☉ INTERSECTION  
LAT: = 032°00'43.46"  
LONG: = -099°02'13.29"

ROAD R.O.W. WIDTH = ±46'  
CLOSEST INTERSECTION  
1,875 FEET EAST TO C.R. 119



### PROFILE

SCALE: HOR. 1"=30'  
SCALE: VER. 1"=30'

NOTE:  
60" MINIMUM BELOW ROAD SURFACE  
48" MINIMUM BELOW LOWEST POINT

#### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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#### PIPE DATA

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2. CARRIER PIPE: 24,000" X 0.508 MIN W.T., API 5L X-70 PSL2 PIPE W/ 14-22 MILS FBE & 30-40 MILS ARO COATING.
3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
4. SEAM JOINT FACTOR = 1.0
5. MINIMUM TEST PRESSURE 1,850 PSIG
6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE	
JOB NUMBER:	1017039183
DATE:	08/16/17
SCALE:	1"=30'
SURVEYOR:	J. NOLTING
TECHNICIAN:	D. BOGAERT
DRAWING:	TX-BR-0027.00010.DWG
TRACT ID:	TX-BR-0027.00010



BREVILOBA, LLC



4801 Southwest Parkway  
Building Two, Suite 100  
Austell Texas, 78735  
Texas Firm Registration No. 10064300

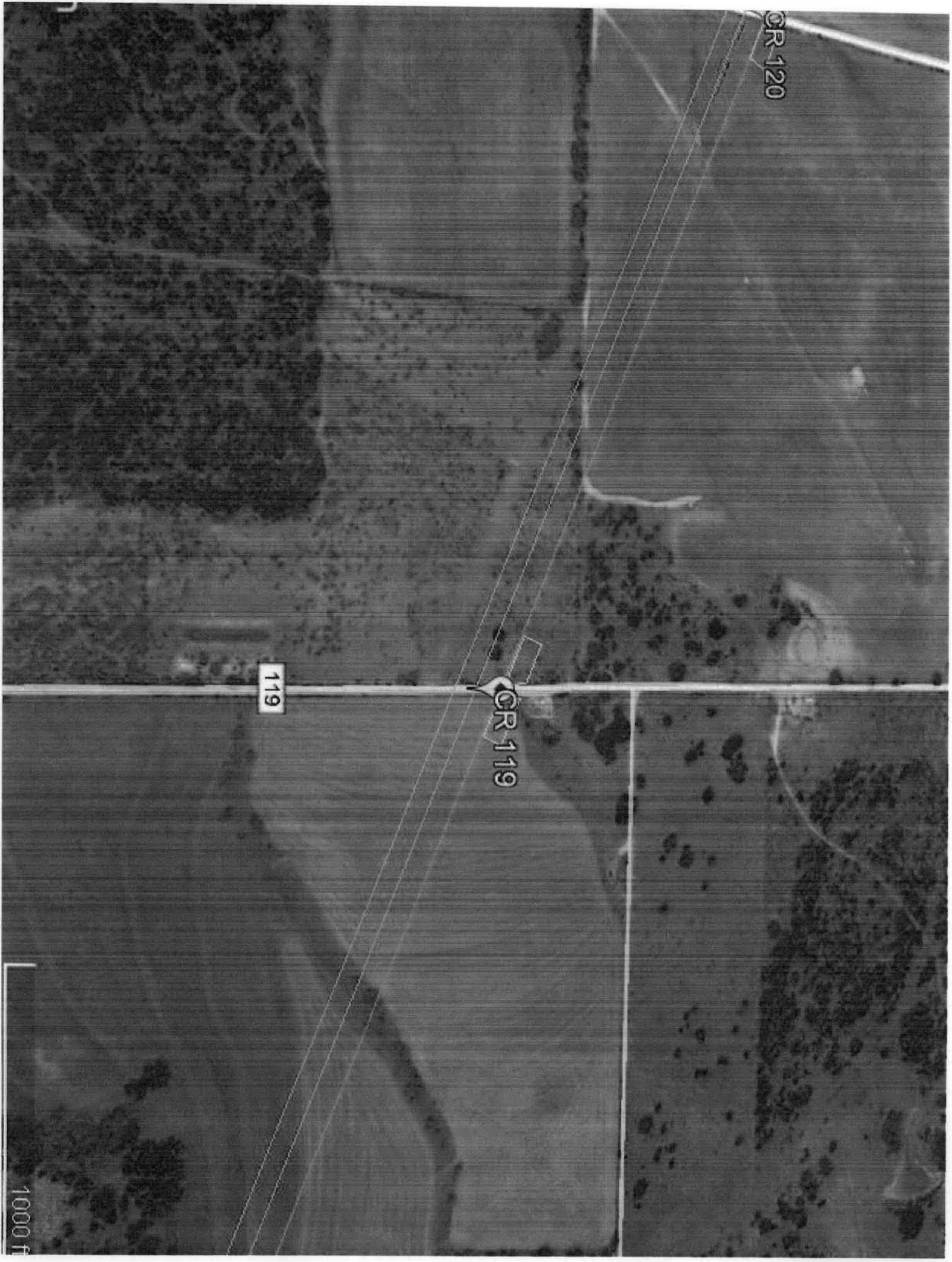
SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0027.00010  
PROPOSED CROSSING DETAIL  
C.R. 120  
BROWN COUNTY, TEXAS

CR-120

CR-119

119

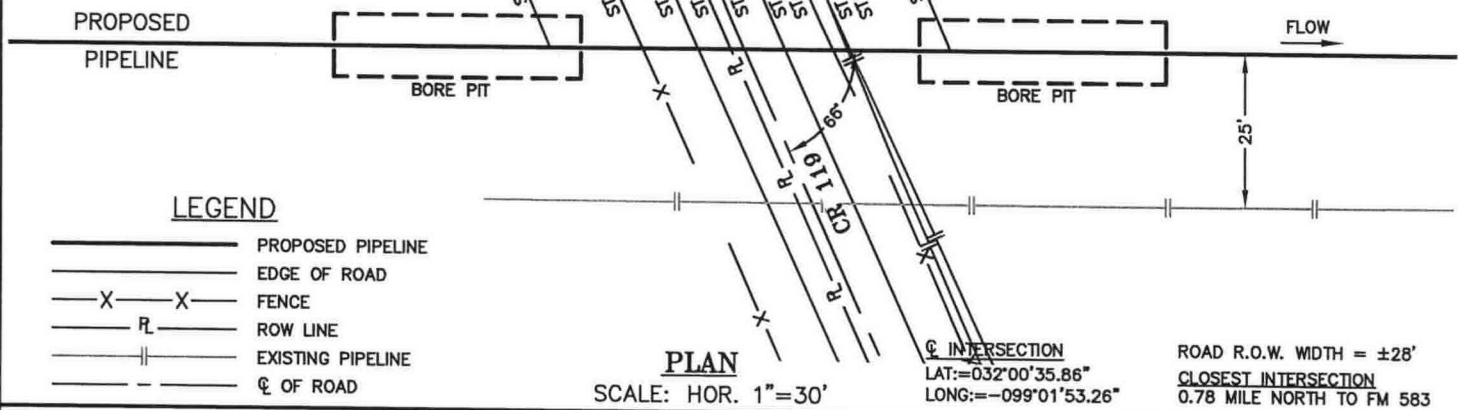
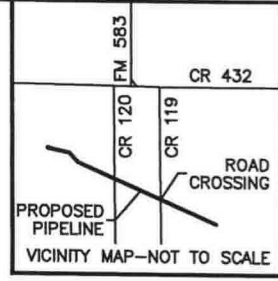
10000 ft



# BROWN COUNTY, TEXAS

TX-BR-0029.00000  
SECOND TRACT  
CALLED 21.17 ACRES  
VOL. 1038, PG. 660  
R.P.R.B.C.TX.

TX-BR-0030.00000  
CALLED 349.6 ACRES  
VOL. 1629, PG. 736  
O.P.R.B.C.TX.



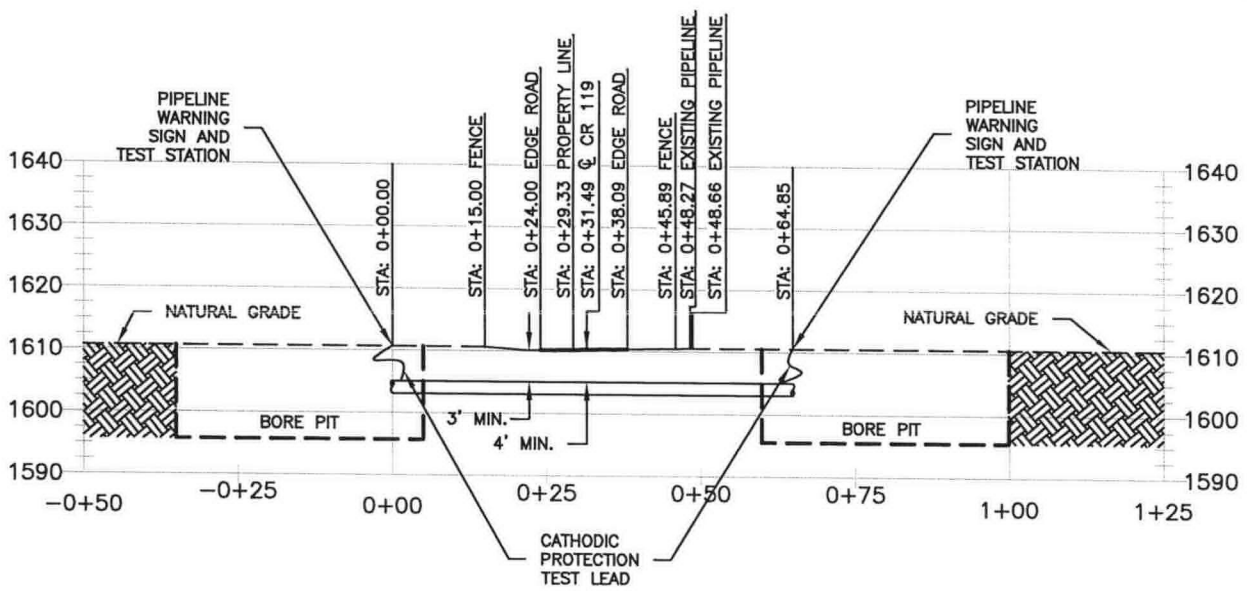
### LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- FENCE
- ROW LINE
- EXISTING PIPELINE
- Q̄ OF ROAD

**PLAN**  
SCALE: HOR. 1"=30'

Q̄ INTERSECTION  
LAT: = 032°00'35.86"  
LONG: = -099°01'53.26"

ROAD R.O.W. WIDTH = ±28'  
CLOSEST INTERSECTION  
0.78 MILE NORTH TO FM 583



### PROFILE

SCALE: HOR. 1"=30'  
SCALE: VER. 1"=30'

NOTE:  
36" MINIMUM BELOW ROAD SURFACE  
48" MINIMUM BELOW LOWEST POINT

- NOTES:**
1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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  5. CONTRACTORS: IT IS YOUR RESPONSIBILITY TO CONTACT THE APPROVING AUTHORITY 48 HOURS PRIOR TO START OF CONSTRUCTION.

- PIPE DATA**
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  2. CARRIER PIPE: 24,000" X 0.508 MIN W.T., API 5L X-70 PSL2 PIPE W/ 14-22 MILS FBE & 30-40 MILS ARO COATING.
  3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
  4. SEAM JOINT FACTOR = 1.0
  5. MINIMUM TEST PRESSURE 1,850 PSIG
  6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE
JOB NUMBER: 1017039183
DATE: 08/07/2017
SCALE: 1"=30'
SURVEYOR: J. NOLTING
TECHNICIAN: T. WIETHORN
DRAWING: TX-BR-0029.00010.DWG
TRACT ID: TX-BR-0029.00010



BREVILOBA, LLC



4801 Southwest Parkway  
Building Two, Suite 100  
Austin Texas, 78735  
Texas Firm Registration No. 10064300

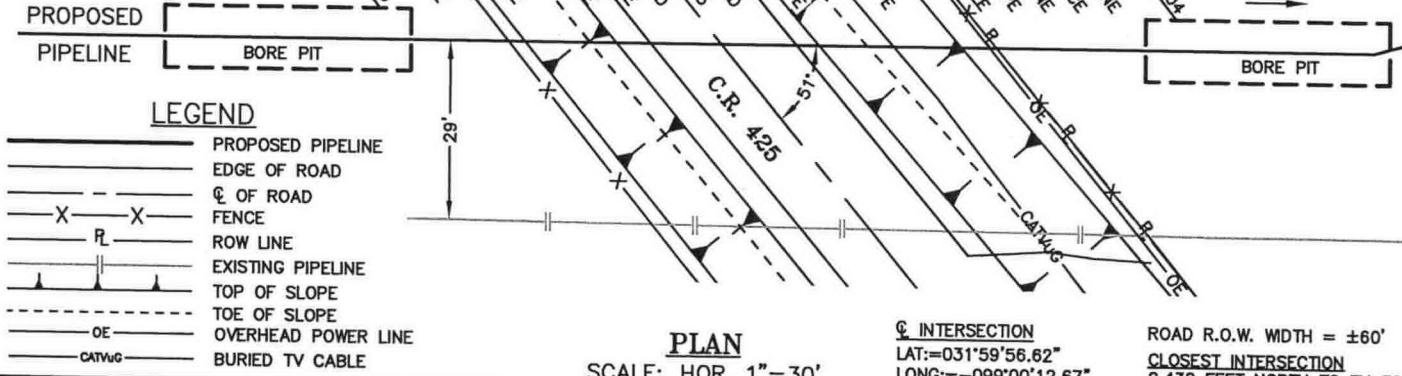
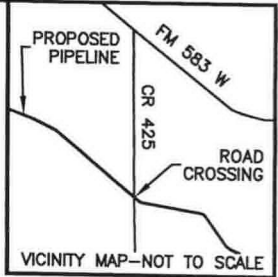
SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0029.00010  
PROPOSED CROSSING DETAIL  
CR 119  
BROWN COUNTY, TEXAS



# BROWN COUNTY, TEXAS

TX-BR-0033.00000  
SECOND TRACT  
REMAINDER OF CALLED  
148.423 ACRES  
VOL. 1361, PG. 175  
O.P.R.B.C.TX.

TX-BR-0034.00000  
TX-BR-0036.00000  
TRACT ONE  
CALLED 237.46 ACRES  
VOL. 1318, PG. 330  
O.P.R.B.C.TX.



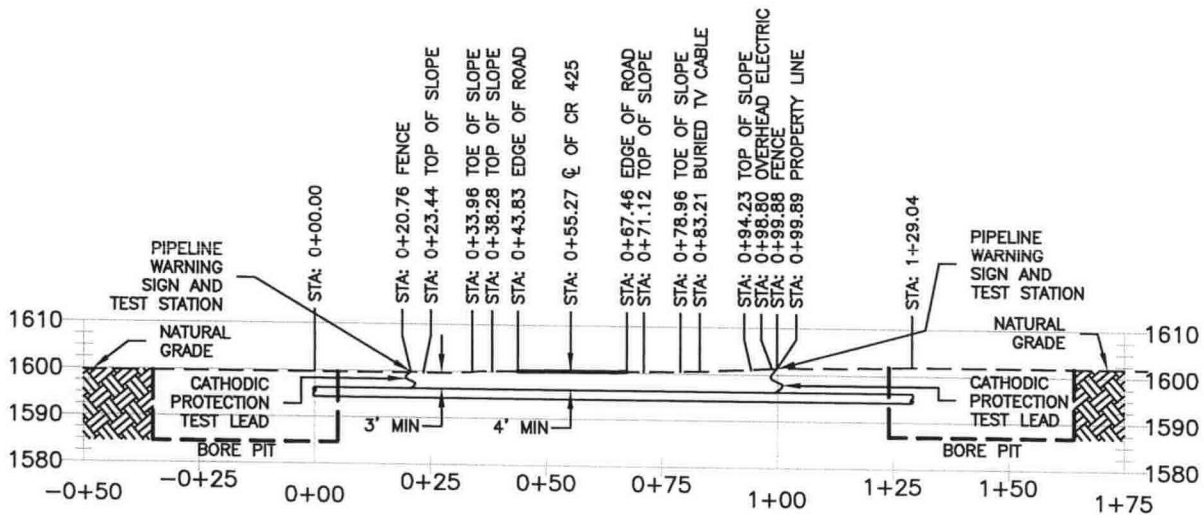
## LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- ☉ OF ROAD
- X-X- FENCE
- R- ROW LINE
- - - EXISTING PIPELINE
- - - TOP OF SLOPE
- - - TOE OF SLOPE
- - - OE OVERHEAD POWER LINE
- - - CATVug BURIED TV CABLE

**PLAN**  
SCALE: HOR. 1"=30'

☉ INTERSECTION  
LAT: =031°59'56.62"  
LONG: =-099°00'12.67"

ROAD R.O.W. WIDTH = ±60'  
CLOSEST INTERSECTION  
2,430 FEET NORTH TO FM 583 W



## PROFILE

SCALE: HOR. 1"=40'  
SCALE: VER. 1"=40'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE
JOB NUMBER: 1017039183
DATE: 8/12/2017
SCALE: AS NOTED
SURVEYOR: J. NOLTING
TECHNICIAN: E. HILER
DRAWING: TX-BR-0033.00010.DWG
TRACT ID: TX-BR-0033.00010



BREVILOBA, LLC



4801 Southwest Parkway Bldg Two, Suite 100 Austin Texas, 78735  
Ofo: 512.447.0575 Fax: 512.326.3029 email: info@sam.biz  
Texas Firm Registration No. 10064300

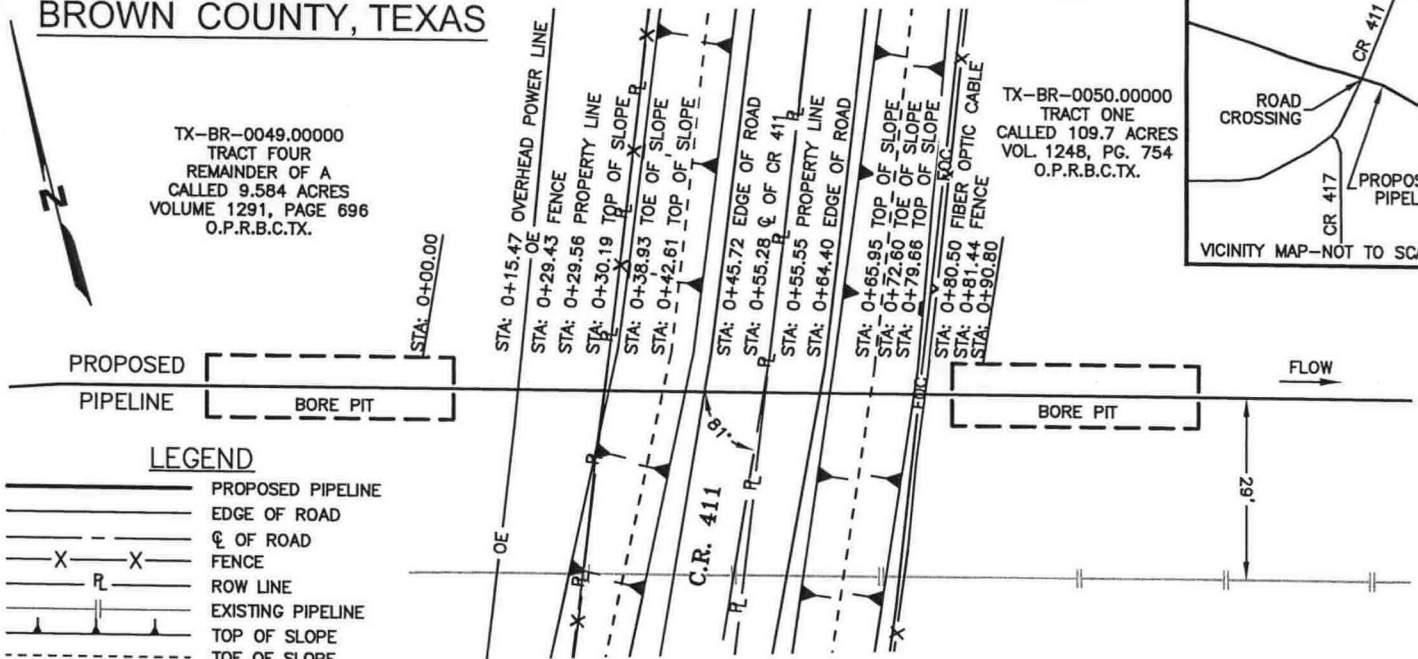
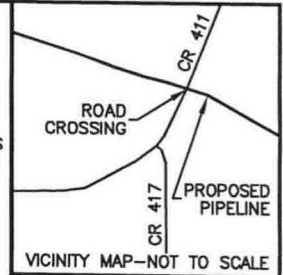
SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0033.00010  
PROPOSED CROSSING DETAIL  
CR 425  
BROWN COUNTY, TEXAS



# BROWN COUNTY, TEXAS

TX-BR-0049.00000  
TRACT FOUR  
REMAINDER OF A  
CALLED 9.584 ACRES  
VOLUME 1291, PAGE 696  
O.P.R.B.C.TX.

TX-BR-0050.00000  
TRACT ONE  
CALLED 109.7 ACRES  
VOL. 1248, PG. 754  
O.P.R.B.C.TX.

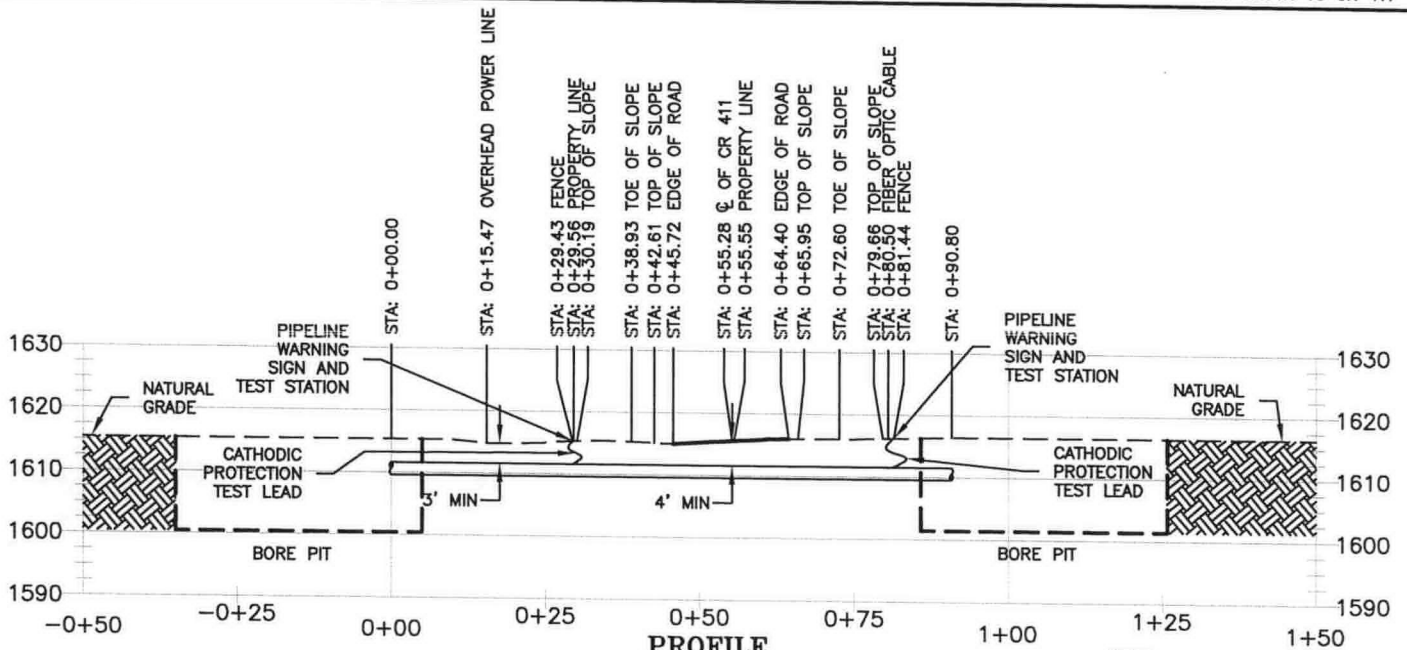


## PLAN

SCALE: HOR. 1" = 30'

☐ INTERSECTION  
LAT: = 031°58'24.37"  
LONG: = -098°56'05.92"

ROAD R.O.W. WIDTH = ±50'  
CLOSEST INTERSECTION  
381 FEET SOUTH TO CR 417



## PROFILE

SCALE: HOR. 1" = 30'  
SCALE: VER. 1" = 30'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

### NOTES:

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SHIN OAK PIPELINE  
JOB NUMBER: 1017039183  
DATE: 8/28/2017  
SCALE: 1" = 30'  
SURVEYOR: J. NOLTING  
TECHNICIAN: E. HILER  
DRAWING: TX-BR-0049.00010.DWG  
TRACT ID: TX-BR-0049.00010



BREVILOBA, LLC



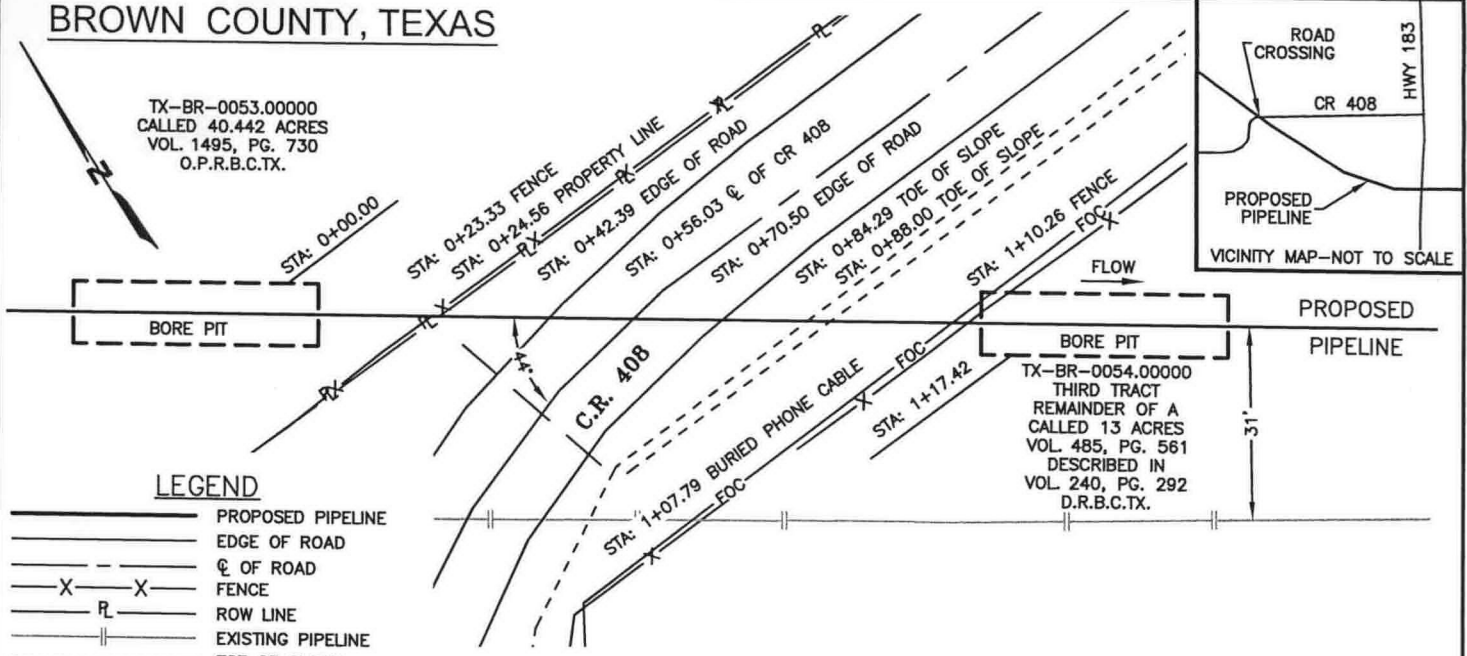
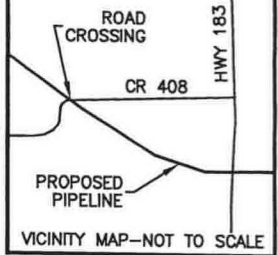
4801 Southwest Parkway Ofa: 512.447.0575  
Building Two, Suite 100 Fax: 512.326.3029  
Austin Texas, 78735 email: info@sam.biz  
Texas Firm Registration No. 10064300

SHIN OAK PIPELINE  
BREVILOBA, LLC  
TX-BR-0049.00010  
PROPOSED CROSSING DETAIL  
CR 417  
BROWN COUNTY, TEXAS



# BROWN COUNTY, TEXAS

TX-BR-0053.00000  
CALLED 40.442 ACRES  
VOL. 1495, PG. 730  
O.P.R.B.C.TX.



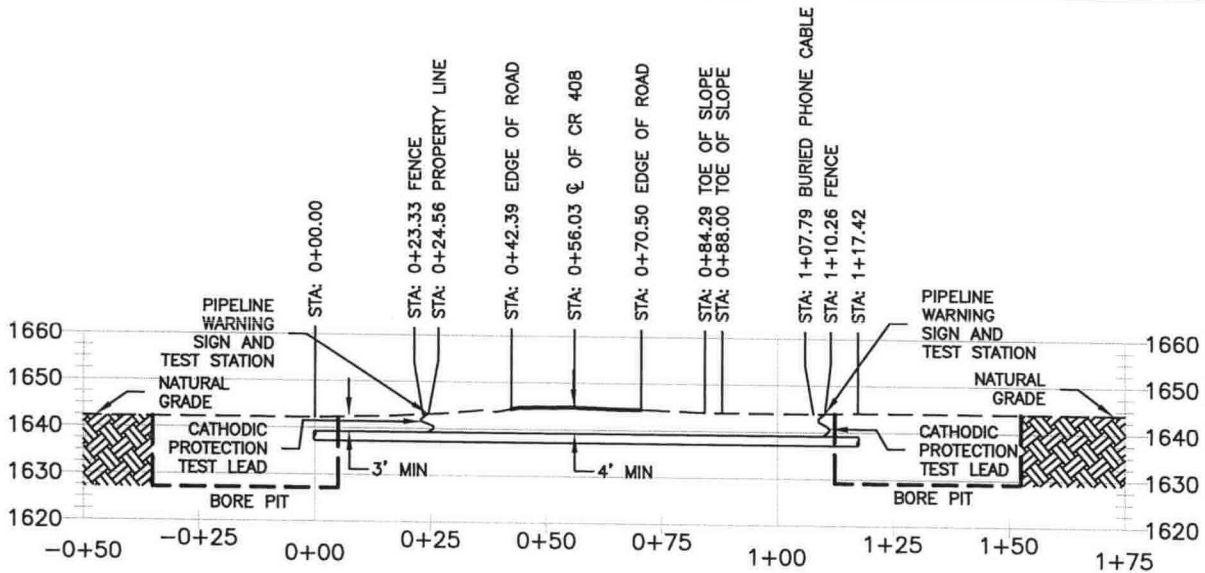
### LEGEND

- PROPOSED PIPELINE
- - - EDGE OF ROAD
- - - C.E. OF ROAD
- X X FENCE
- R ROW LINE
- - - EXISTING PIPELINE
- - - TOE OF SLOPE
- - - CULVERT
- - - FOC FIBER OPTIC CABLE

**PLAN**  
SCALE: HOR. 1"=30'

**∅ INTERSECTION**  
LAT: = 031°58'07.80"  
LONG: = -098°55'32.00"

ROAD R.O.W. WIDTH = ±50'  
**CLOSEST INTERSECTION**  
1,610 FEET EAST TO HWY 183



**PROFILE**  
SCALE: HOR. 1"=40'  
SCALE: VER. 1"=40'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
2. EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATION GENERATED FROM PREVIOUS MAPS AND SURVEY. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES IN THE AREA OF WORK PRIOR TO CONSTRUCTION AND CALL TEXAS ONE CALL SYSTEM AT 1-800-344-8377 AND ALL OTHER UTILITY COMPANIES AT LEAST 2 WORKING DAYS (48 HOURS) PRIOR TO CONSTRUCTION.
3. THIS CROSSING IS DESIGNED AND WILL BE CONSTRUCTED IN ACCORDANCE WITH TITLE 49, CODE OF FEDERAL REGULATIONS, PART 195.
4. LINE WILL BE INSTALLED BY BORE METHOD ONLY UNLESS OTHERWISE APPROVED.
5. CONTRACTORS: IT IS YOUR RESPONSIBILITY TO CONTACT THE APPROVING AUTHORITY 48 HOURS PRIOR TO START OF CONSTRUCTION.

### PIPE DATA

1. PRODUCT: NATURAL GAS LIQUIDS
2. CARRIER PIPE: 24.000" X 0.508 MIN W.T., API 5L X-70 PSL2 PIPE W/ 14-22 MILS FBE & 30-40 MILS ARO COATING.
3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
4. SEAM JOINT FACTOR = 1.0
5. MINIMUM TEST PRESSURE 1,850 PSIG
6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE	
JOB NUMBER:	1017039183
DATE:	7/22/2017
SCALE:	AS NOTED
SURVEYOR:	J. NOLTING
TECHNICIAN:	E. HILER
DRAWING:	TX-BR-0053.00010.DWG
TRACT ID:	TX-BR-0053.00010

**BREVILLOBA, LLC**

**SAM**  
SURVEYING-AERIAL MAPPING-ENGINEERING

4801 Southwest Parkway Building Two, Suite 100 Austin, Texas, 78733  
 Fax: 512-326-3029 email: info@sam.biz  
 Texas Firm Registration No. 10064300

SHIN OAK PIPELINE  
BREVILLOBA, LLC  
TX-BR-0053.00010  
PROPOSED CROSSING DETAIL  
CR 408  
BROWN COUNTY, TEXAS

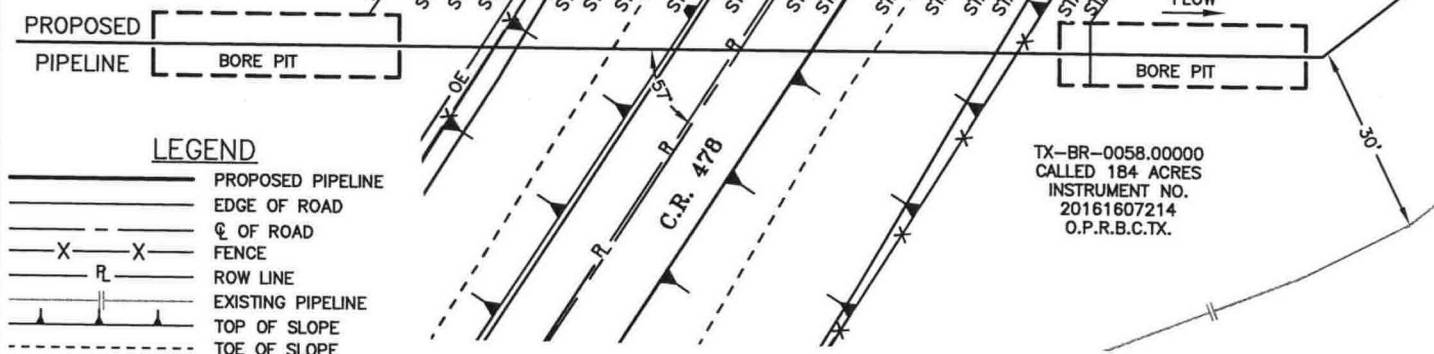
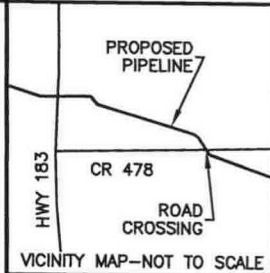


478

GR 478 2nd Crossing

# BROWN COUNTY, TEXAS

TX-BR-0057.0000  
REMAINDER OF A  
CALLED 46.9 ACRES  
VOL. 475, PG. 19  
D.R.B.C.TX

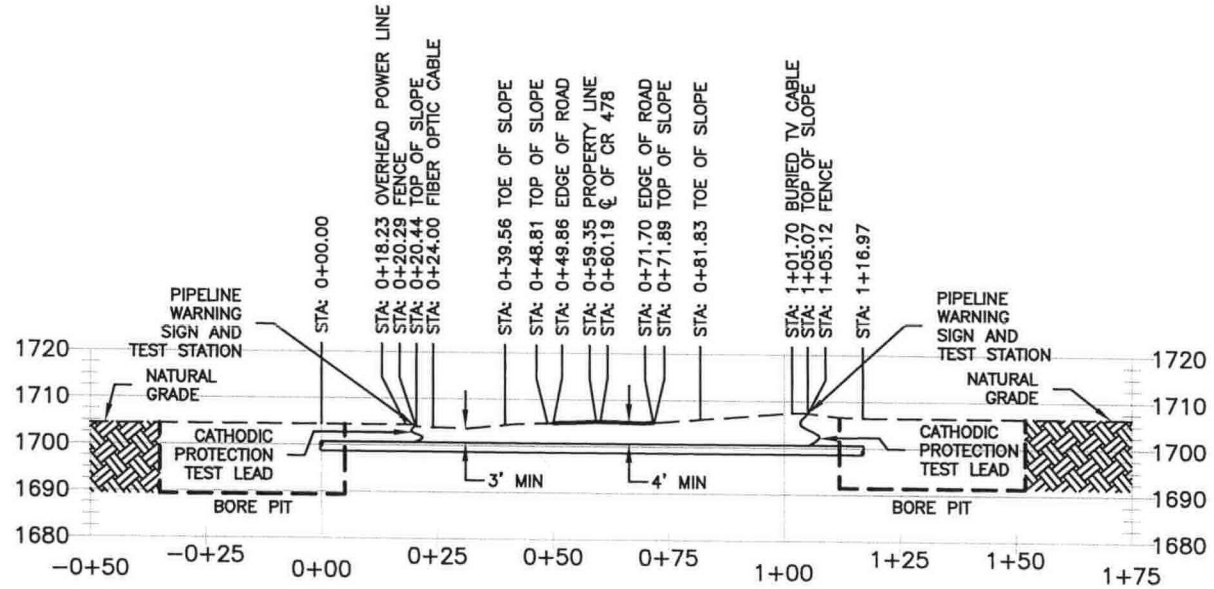


- LEGEND**
- PROPOSED PIPELINE
  - EDGE OF ROAD
  - ☉ OF ROAD
  - X-X- FENCE
  - R- ROW LINE
  - - - EXISTING PIPELINE
  - - - TOP OF SLOPE
  - - - TOE OF SLOPE
  - - - OE OVERHEAD POWER LINE
  - - - CATV/BG BURIED TV CABLE
  - - - FOC FIBER OPTIC CABLE

**PLAN**  
SCALE: HOR. 1"=30'

☉ INTERSECTION  
LAT.=031°57'52.89"  
LONG.= -098°54'46.38"

ROAD R.O.W. WIDTH = ±70'  
CLOSEST INTERSECTION  
2,380 FEET/MILES WEST TO HWY 183



**PROFILE**  
SCALE: HOR. 1"=40'  
SCALE: VER. 1"=40'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

- NOTES:**
1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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  3. THIS CROSSING IS DESIGNED AND WILL BE CONSTRUCTED IN ACCORDANCE WITH TITLE 49, CODE OF FEDERAL REGULATIONS, PART 195.
  4. LINE WILL BE INSTALLED BY BORE METHOD ONLY UNLESS OTHERWISE APPROVED.
  5. CONTRACTORS: IT IS YOUR RESPONSIBILITY TO CONTACT THE APPROVING AUTHORITY 48 HOURS PRIOR TO START OF CONSTRUCTION.

- PIPE DATA**
1. PRODUCT: NATURAL GAS LIQUIDS
  2. CARRIER PIPE: 24.000" X 0.508 MIN W.T., API 5L X-70 PSL2 PIPE W/ 14-22 MILS FBE & 30-40 MILS ARO COATING.
  3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
  4. SEAM JOINT FACTOR = 1.0
  5. MINIMUM TEST PRESSURE 1,850 PSIG
  6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE
JOB NUMBER: 1017039183
DATE: 8/31/2017
SCALE: AS NOTED
SURVEYOR: J. NOLTING
TECHNICIAN: E. HILER
DRAWING: TX-BR-0057.00010.DWG
TRACT ID: TX-BR-0057.00010

BREVILLOBA, LLC

4801 Southwest Parkway  
Building Two, Suite 100  
Austell Texas, 78735  
Texas Firm Registration No. 10064300

Ofc: 512.447.0575  
Fax: 512.326.3029  
email: info@sam.biz

SHIN OAK PIPELINE  
BREVILLOBA, LLC  
TX-BR-0057.00010  
PROPOSED CROSSING DETAIL  
CR 478  
BROWN COUNTY, TEXAS

478

QOR 479

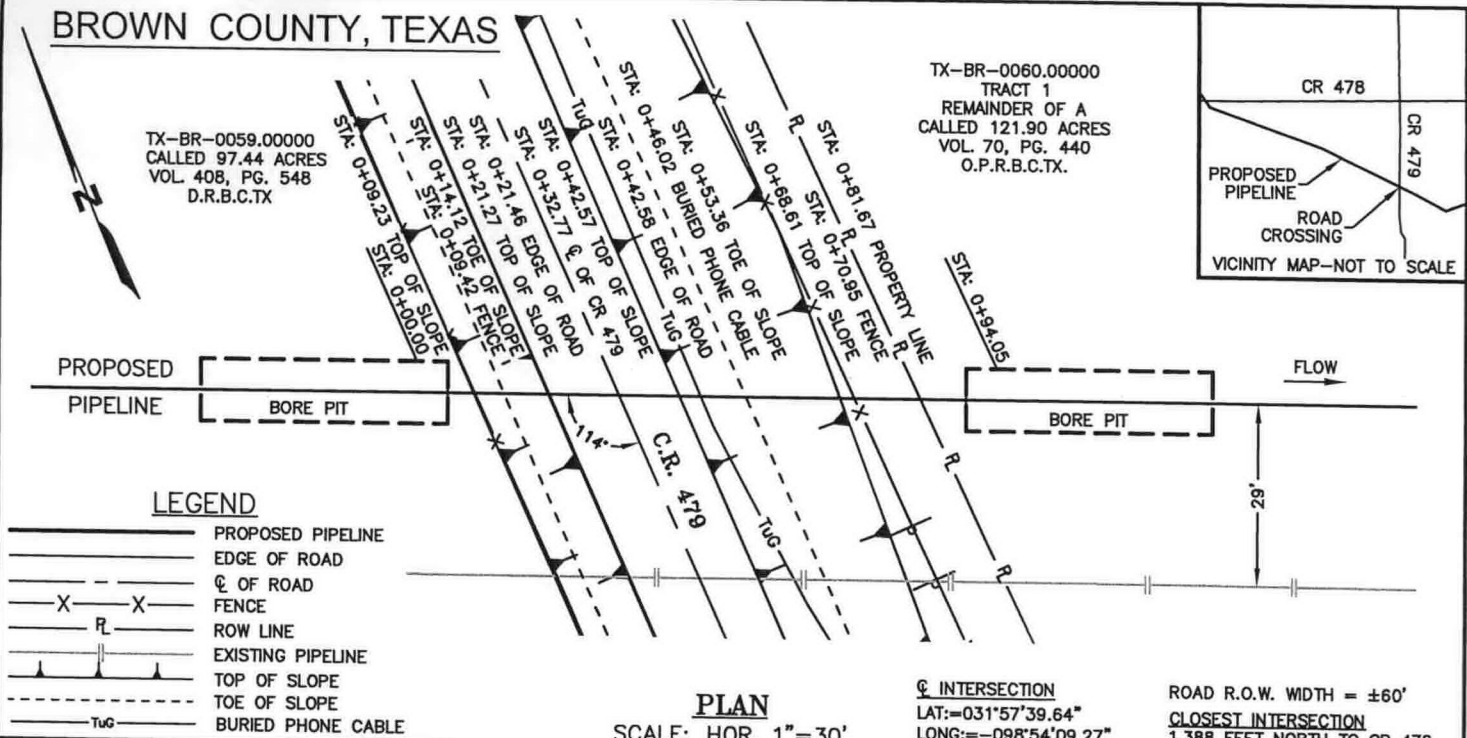
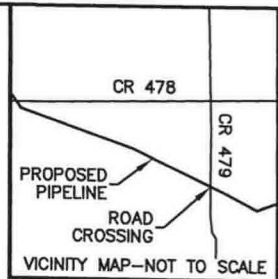
TX BR 0061



# BROWN COUNTY, TEXAS

TX-BR-0059.0000  
CALLED 97.44 ACRES  
VOL. 408, PG. 548  
D.R.B.C.TX

TX-BR-0060.0000  
TRACT 1  
REMAINDER OF A  
CALLED 121.90 ACRES  
VOL. 70, PG. 440  
O.P.R.B.C.TX.



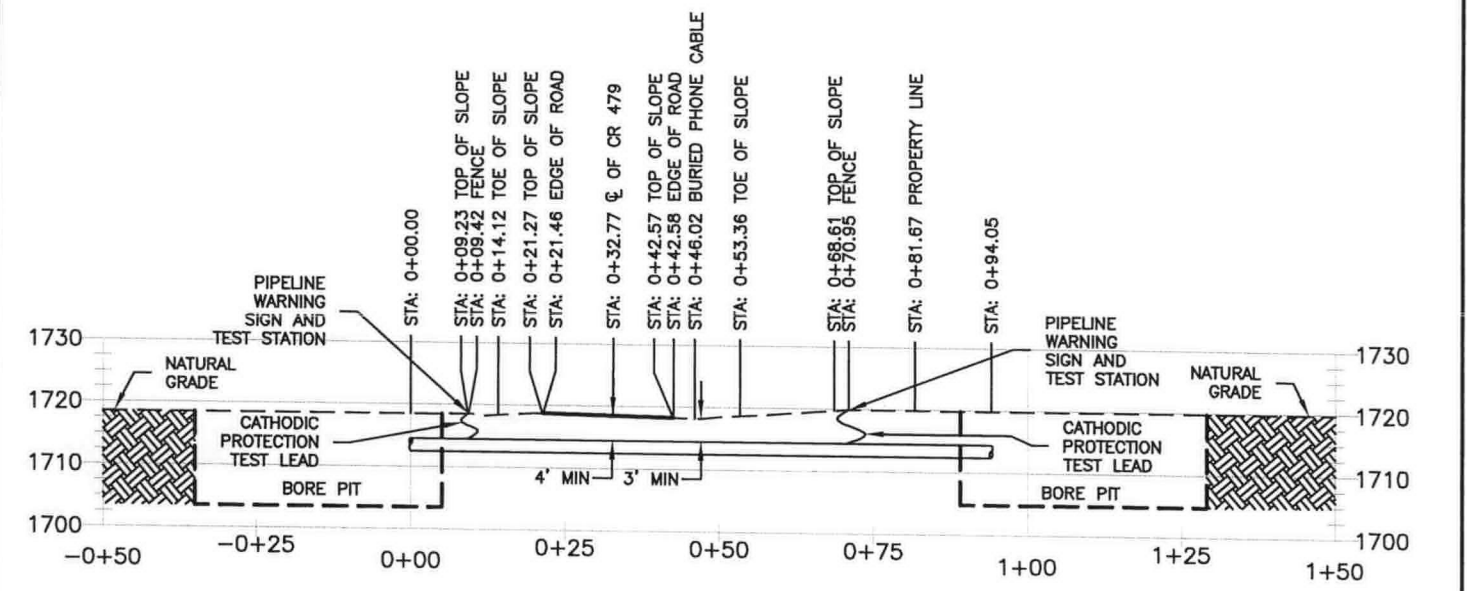
## LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- C. OF ROAD
- FENCE
- ROW LINE
- EXISTING PIPELINE
- TOP OF SLOPE
- TOE OF SLOPE
- BURIED PHONE CABLE

**PLAN**  
SCALE: HOR. 1"=30'

**C. INTERSECTION**  
LAT: = 031°57'39.64"  
LONG: = -098°54'09.27"

ROAD R.O.W. WIDTH = ±60'  
**CLOSEST INTERSECTION**  
1,388 FEET NORTH TO CR 478



## PROFILE

SCALE: HOR. 1"=30'  
SCALE: VER. 1"=30'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

### NOTES:

1. HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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3. CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
4. SEAM JOINT FACTOR = 1.0
5. MINIMUM TEST PRESSURE 1,850 PSIG
6. MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE	
JOB NUMBER:	1017039183
DATE:	8/31/2017
SCALE:	1"=30'
SURVEYOR:	J. NOLTING
TECHNICIAN:	E. HILER
DRAWING:	TX-BR-0059.00010.DWG
TRACT ID:	TX-BR-0059.00010

**BREVILOBA, LLC**

4801 Southwest Parkway  
Building Two, Suite 100  
Austin, Texas, 78733  
Texas Firm Registration No. 10064300

Ofc: 512.447.0575  
Fax: 512.326.5029  
email: info@sam.biz

SHIN OAK PIPELINE  
BREVILOBA, LLC

TX-BR-0059.00010  
PROPOSED CROSSING DETAIL  
CR 479  
BROWN COUNTY, TEXAS



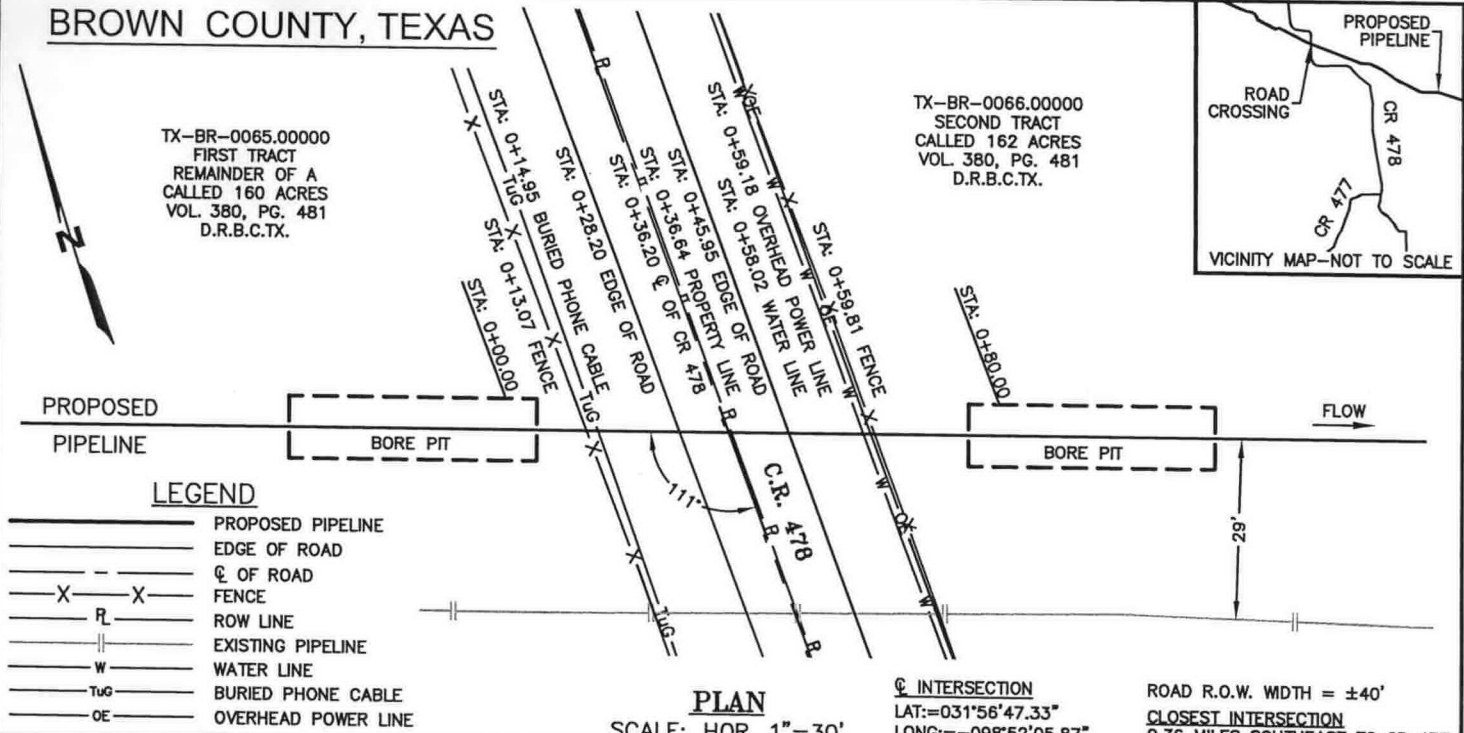
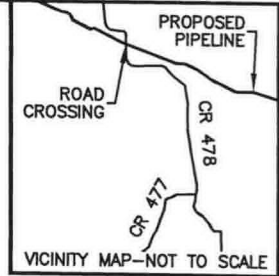
476

CR 478

# BROWN COUNTY, TEXAS

TX-BR-0065.0000  
FIRST TRACT  
REMAINDER OF A  
CALLED 160 ACRES  
VOL. 380, PG. 481  
D.R.B.C.TX.

TX-BR-0066.0000  
SECOND TRACT  
CALLED 162 ACRES  
VOL. 380, PG. 481  
D.R.B.C.TX.



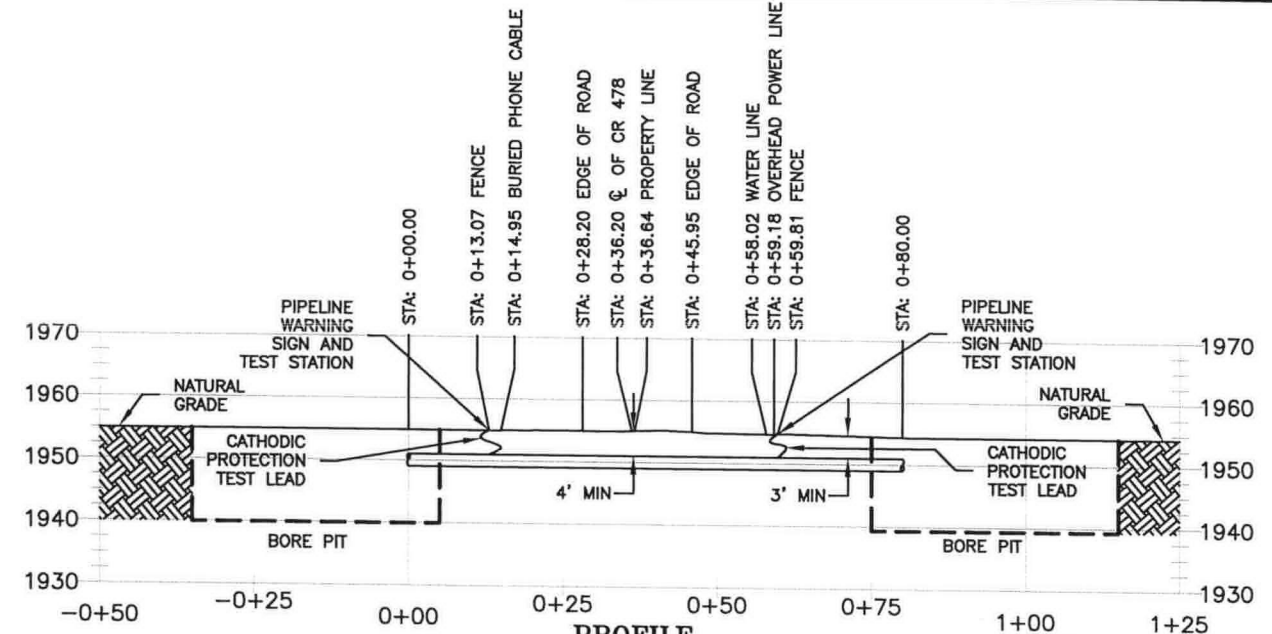
### LEGEND

- PROPOSED PIPELINE
- EDGE OF ROAD
- Q OF ROAD
- X—X— FENCE
- R— ROW LINE
- EXISTING PIPELINE
- W— WATER LINE
- TuG— BURIED PHONE CABLE
- OE— OVERHEAD POWER LINE

**PLAN**  
SCALE: HOR. 1"=30'

Q INTERSECTION  
LAT:=-031'56'47.33"  
LONG:=-098'52'05.87"

ROAD R.O.W. WIDTH = ±40'  
CLOSEST INTERSECTION  
2.36 MILES SOUTHEAST TO CR 477



**PROFILE**  
SCALE: HOR. 1"=30'  
SCALE: VER. 1"=30'

NOTE:  
48" MINIMUM BELOW ROAD SURFACE  
36" MINIMUM BELOW LOWEST POINT

- NOTES:**
- HORIZONTAL DATUM: TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE, NAD83 (2011) GEOID 12B. ALL DISTANCES ARE REPRESENTED IN GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED ON SAID HORIZONTAL DATUM.
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  - CATHODIC PROTECTION: RECTIFIER IMPRESSED CURRENT
  - SEAM JOINT FACTOR = 1.0
  - MINIMUM TEST PRESSURE 1,850 PSIG
  - MAXIMUM OPERATING PRESSURE 1,480 PSIG

SHIN OAK PIPELINE
JOB NUMBER: 1017039183
DATE: 9/11/2017
SCALE: 1"=30'
SURVEYOR: J. NOLTING
TECHNICIAN: E. HILER
DRAWING: TX-BR-0065.00010.DWG
TRACT ID: TX-BR-0065.00010

**BREVILOBA, LLC**

**SAM**  
SURVEYING-AERIAL MAPPING-ENGINEERING

4801 Southwest Parkway Bldg Two, Suite 100 Austin Texas, 78735  
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 email: info@sam.biz  
 Texas Firm Registration No. 10084300

SHIN OAK PIPELINE  
BREVILOBA, LLC

TX-BR-0065.00010  
PROPOSED CROSSING DETAIL  
CR 478  
BROWN COUNTY, TEXAS

APPROVAL:

Breviloba LLC

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The Commissioner's Court of Brown County offers no objections to the location on the right-of-way and/or crossing of your proposed buried line as shown by accompanying drawings and notice dated April 9, 2018, except as noted below:

It is further intended that the Commissioner's Court may require the owner to relocate This line, subject to provisions of governing laws, by giving thirty (30) days written notice.

The installation shall not damage any part of the county road and adequate provisions must be made to cause a minimum inconvenience to traffic and adjacent property owners.

Please notify Joel Kelton, Commissioner of Precinct # 2,

Twenty-four (24) hours prior to starting construction of the line, in order that we may have a representative present.

BROWN COUNTY COMMISSIONERS COURT  
OF BROWNWOOD, TEXAS

BY: E Ray Weston

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Exceptions and/or special requirements: To be constructed according to Brown County specifications

Minimum depth 36" in Co. ROW ; 48" under-road