

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 06 day of APRIL, 2015, Commissioners Court came on to be heard and reviewed the accompanying notice of LARRETT ENERGY SERVICES, INC.

Job Location SEVERAL COUNTY ROADS AND DRAINAGE EASEMENTS { SEE ATTACHMENT }

Dated 03/25 /15 BOND NO. [REDACTED], Permit No. 84801

to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statues. Upon Motion of Commissioner Prestage, seconded by Commissioner Morrison, duly put and carried, it is ORDERED, ADJUGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

- 1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
- 2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection

Mail notices to: **Permit Administrator**
Fort Bend County Engineering
301 JACKSON STREET
RICHMOND, Texas 77469
281-633-7500

- 3. This permit expires one (1) year from date of permit if construction has not commenced.

By [Signature]
County Engineer

By [Signature]
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Recorded in Volume 4/7/15
Minutes of Commissioners Court.

Clerk of Commissioners Court
By [Signature]
Deputy RENE E MICHULKA

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO.

PERMIT No. 84801 PCT. No. 1

BOND No. [REDACTED]

Formal notice is hereby given that Larrett Energy Services (TCU Petrobrava Pipeline) proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
Rabbs Prairie Rd	4700' South of Smithers Lake Rd	79.9'	X			
Gless Big Creek Rd	11070' SE of Whaley Long Point	45'	X			
Davis Estate Rd	200' SE FM 1994	97'	X			

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

12" CO₂ Line

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
301 Jackson Richmond, TX 77469.

Violation of Requirements shall constitute grounds for job shut down.

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.

Please complete:

Name:
JEFF HART

Email address:
jeff.hart@contractlandstaff.com

COMPANY NAME: Larrett Energy Services (TCU Petrobrava Pipeline)
AGENT AND/OR OWNER

NAME & TITLE: JEFF HART
(Signature)

DATE: 3/18/15

ADDRESS: _____

City _____ State _____ Zip _____

TELEPHONE No. 936-672-6388
(Accessible 24hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. _____ PCT. No. _____
 BOND No. _____

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and
 drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
Zamanek Road	688' NW FM 1994	86'	X			
Seske Road	1000' NW FM 1994	66'	X			
Padon Road	1850' NW FM 1994	63'	X			

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance

General Description

12" CO₂ Line

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

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Please complete:

Name: _____

Email address: _____

COMPANY NAME: _____
 AGENT AND/OR OWNER

NAME & TITLE: _____
 (Signature)

DATE: _____

ADDRESS: _____

 City State Zip

TELEPHONE No. _____

(Accessible 24hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. _____ PCT. No. _____
 BOND No. _____

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and
 drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
Krueger Rd	: 1,620 NW Villa Rd	: 72'	: X	:	:	:
Shenley Rd	: 1,660 NW Villa Rd	: 43'	: X	:	:	:
:	:	:	:	:	:	:

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
:	:	:	:
:	:	:	:
:	:	:	:

General Description

12" CO₂ Line

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

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Please complete:

Name: _____

Email address: _____

COMPANY NAME: _____
 AGENT AND/OR OWNER

NAME & TILE: _____
 (Signature)

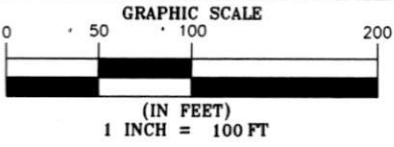
DATE: _____

ADDRESS: _____




City State Zip

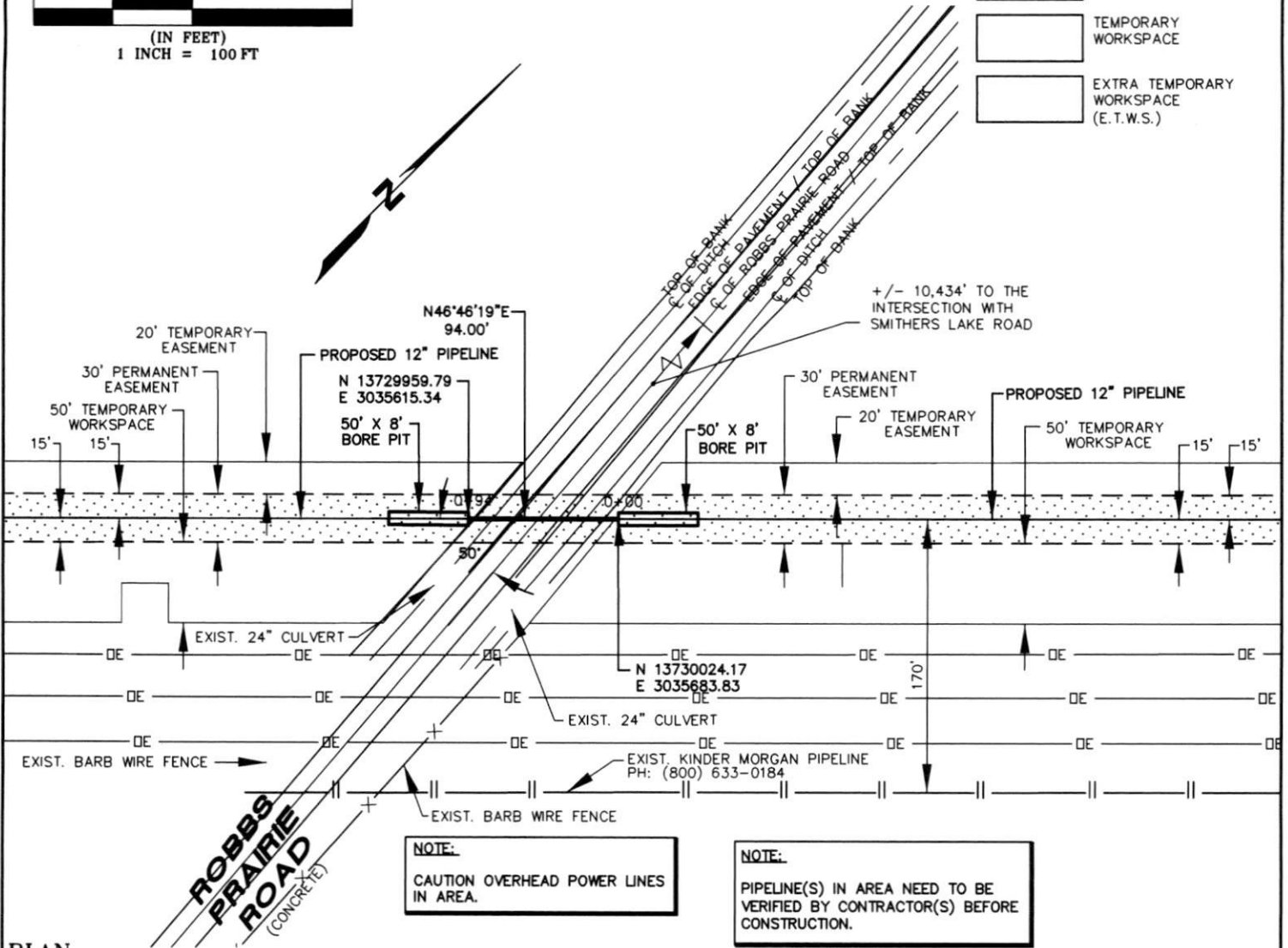
TELEPHONE No. _____

(Accessible 24hrs/day, 7 days/week)

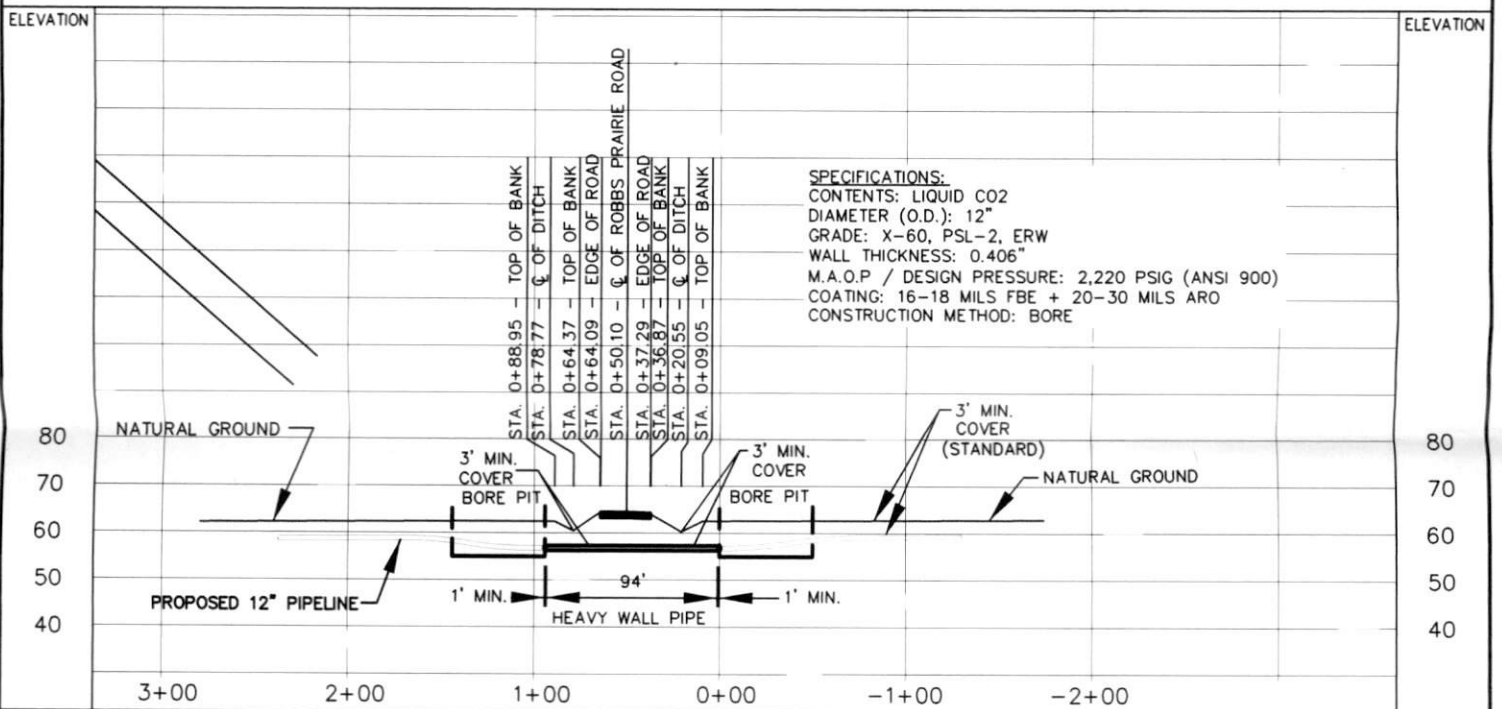


FORT BEND COUNTY, TEXAS

-  PROPOSED PERMANENT PIPELINE ESMT.
-  TEMPORARY WORKSPACE
-  EXTRA TEMPORARY WORKSPACE (E.T.W.S.)



PROFILE
SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



DATE:
REVISD:
REVISD:

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

— R — PROPERTY LINE
● POWER POLE (PP)

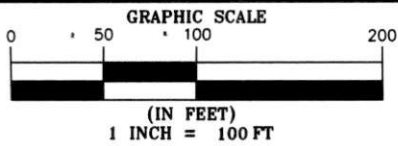
PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 9-06-12
SCALE: 1" = 100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P001-GLSS-BIG
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:



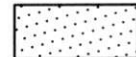

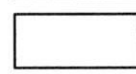
TEXAS FIRM REGISTRATION NO. 10064300
 11111 KATY FREEWAY
 SUITE 200
 HOUSTON, TX. 77079
 (713) 973-5100
 FAX: (713) 973-5150

**PETRA NOVA
 TCV PIPELINE, LLC**

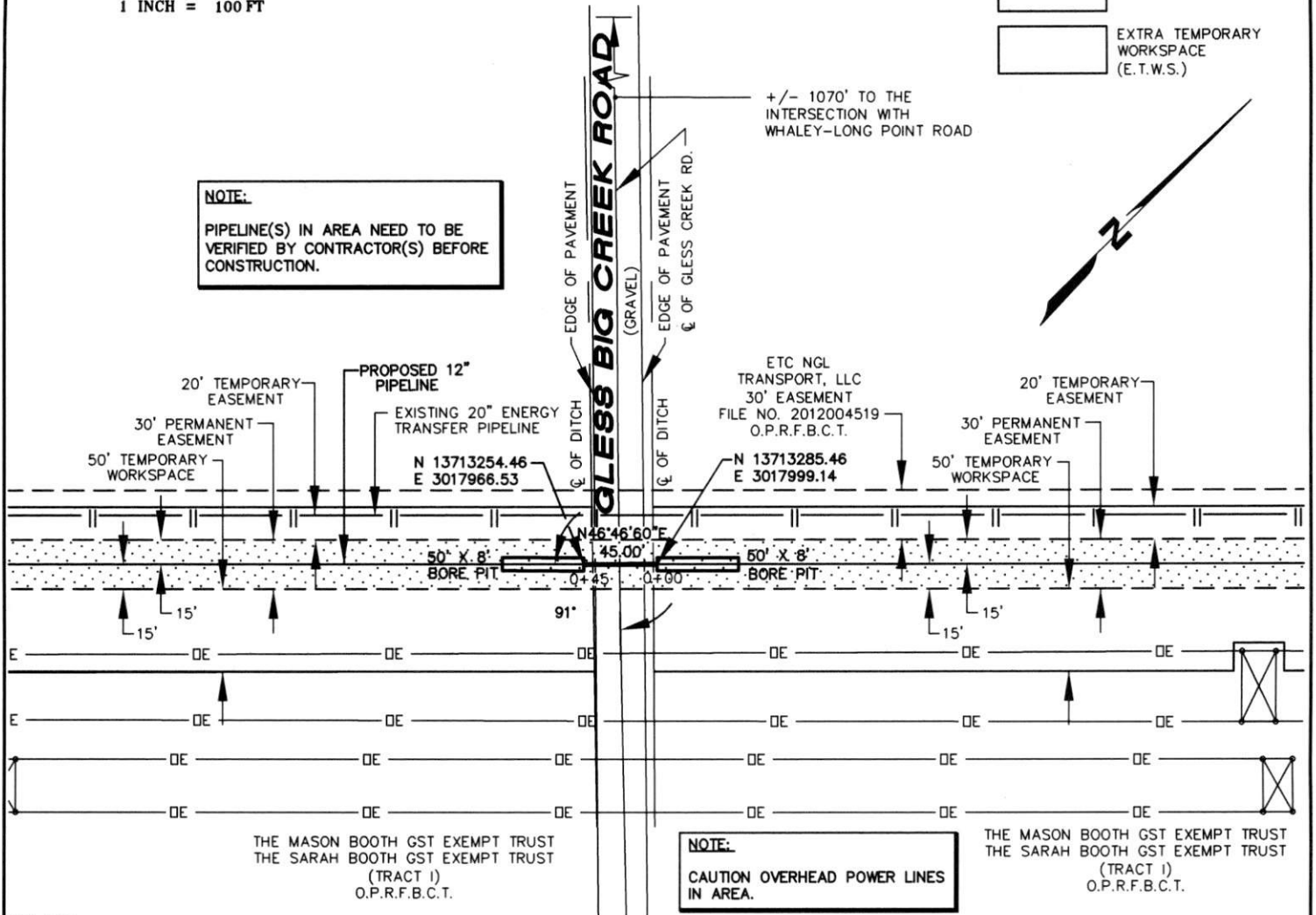
**PROPOSED CO2 PIPELINE
 CROSSING
 ROBBS PRAIRIE ROAD
 PAGE 1 OF 1**



FORT BEND COUNTY, TEXAS

-  PROPOSED PERMANENT PIPELINE ESMT.
-  TEMPORARY WORKSPACE
-  EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

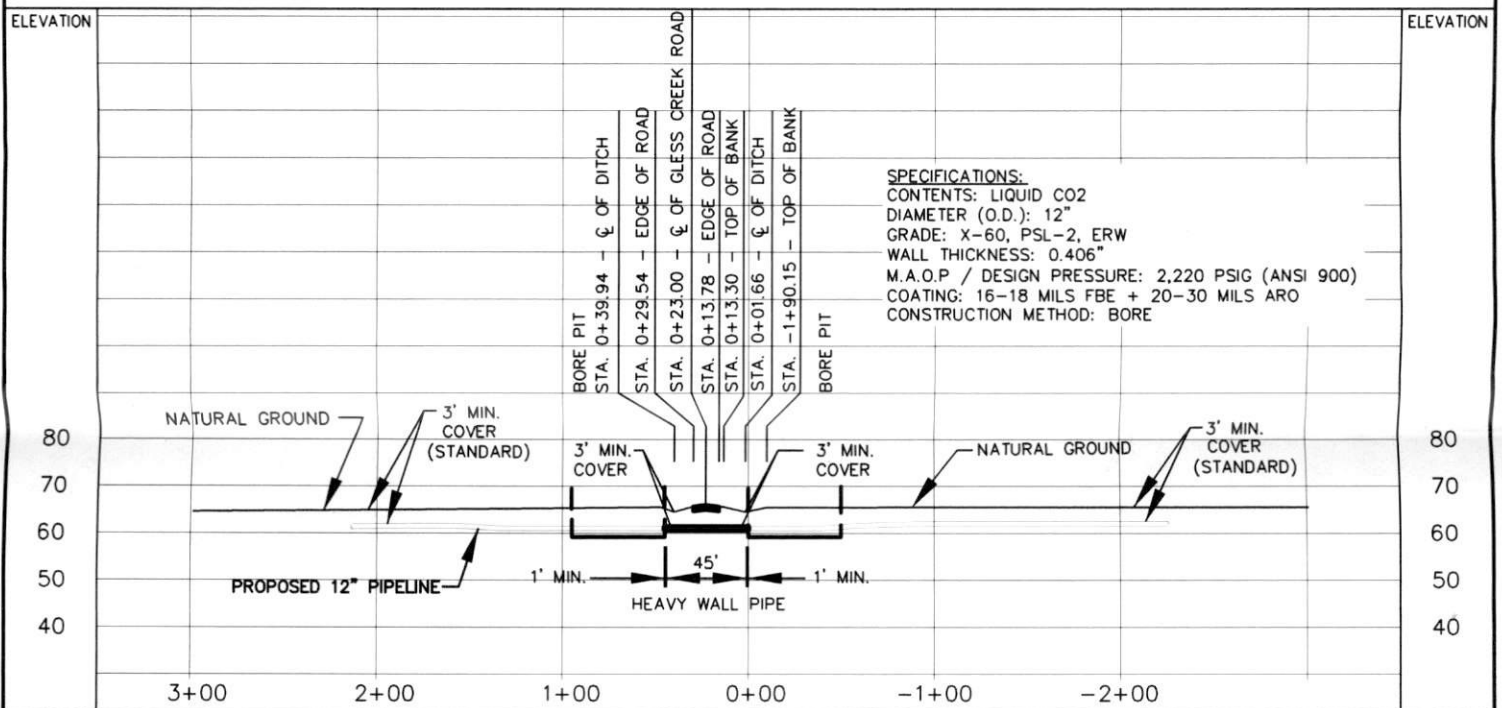
NOTE:
PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.



PLAN
SCALE: HOR. 1"=100'

GLESS BIG CREEK ROAD

PROFILE
SCALE: HOR. 1"=100'
SCALE: VER. 1"=40'



DATE:
 REVISED:
 REVISED:

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

— R — PROPERTY LINE
 ● POWER POLE (PP)

PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 9-06-12
SCALE: 1"=100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P001-GLESS BIG
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:

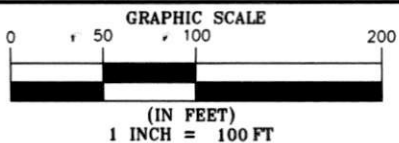


TEXAS FIRM REGISTRATION NO. 10064300
 IIII KATY FREEWAY
 SUITE 200
 HOUSTON, TX. 77079
 (713) 973-5100
 FAX: (713) 973-5150

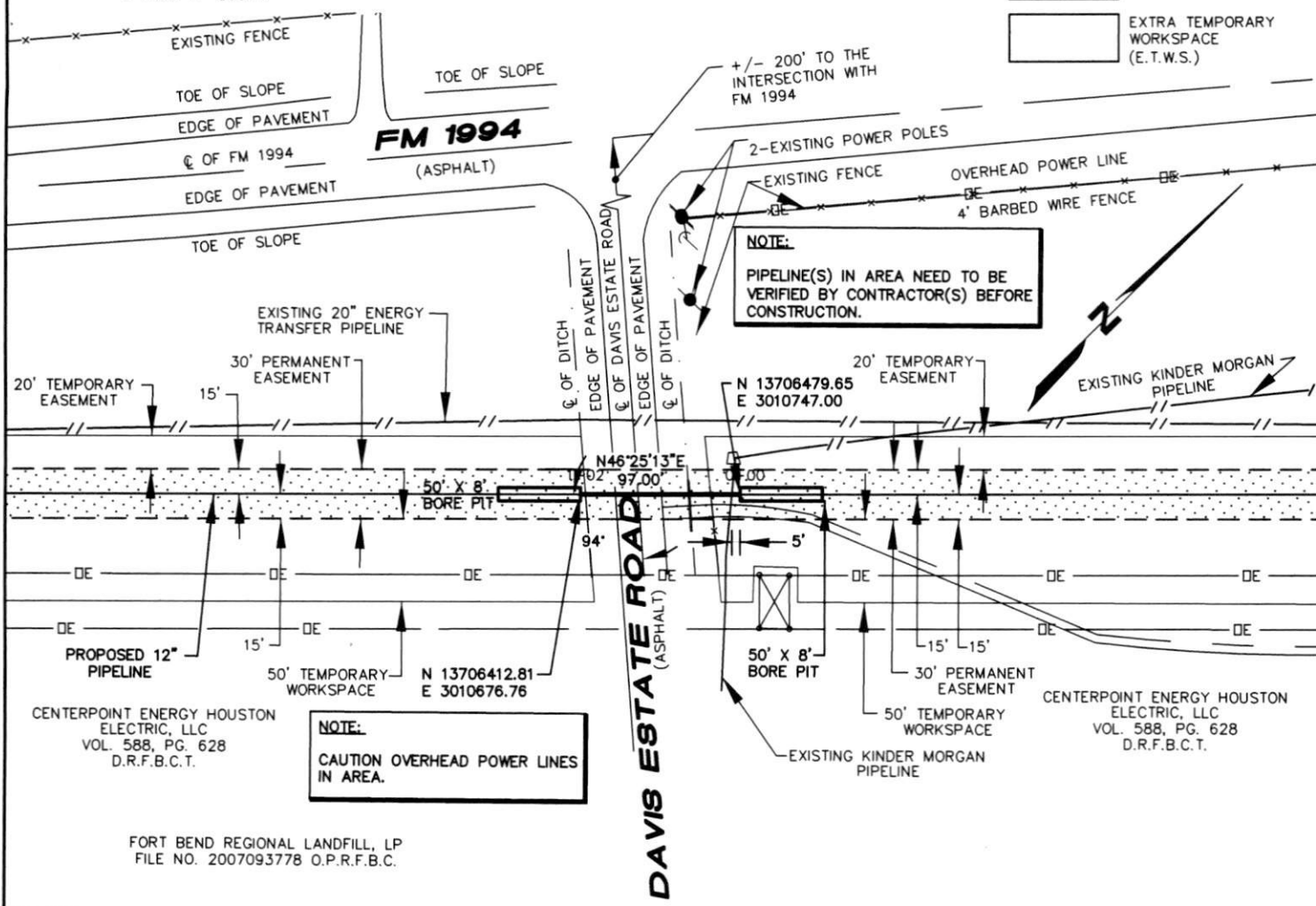
PETRA NOVA
TCV PIPELINE, LLC

PROPOSED CO2 PIPELINE
CROSSING
GLESS BIG CREEK ROAD
PAGE 1 OF 1

FORT BEND COUNTY, TEXAS



- PROPOSED PERMANENT PIPELINE ESMT.
- TEMPORARY WORKSPACE
- EXTRA TEMPORARY WORKSPACE (E.T.W.S.)



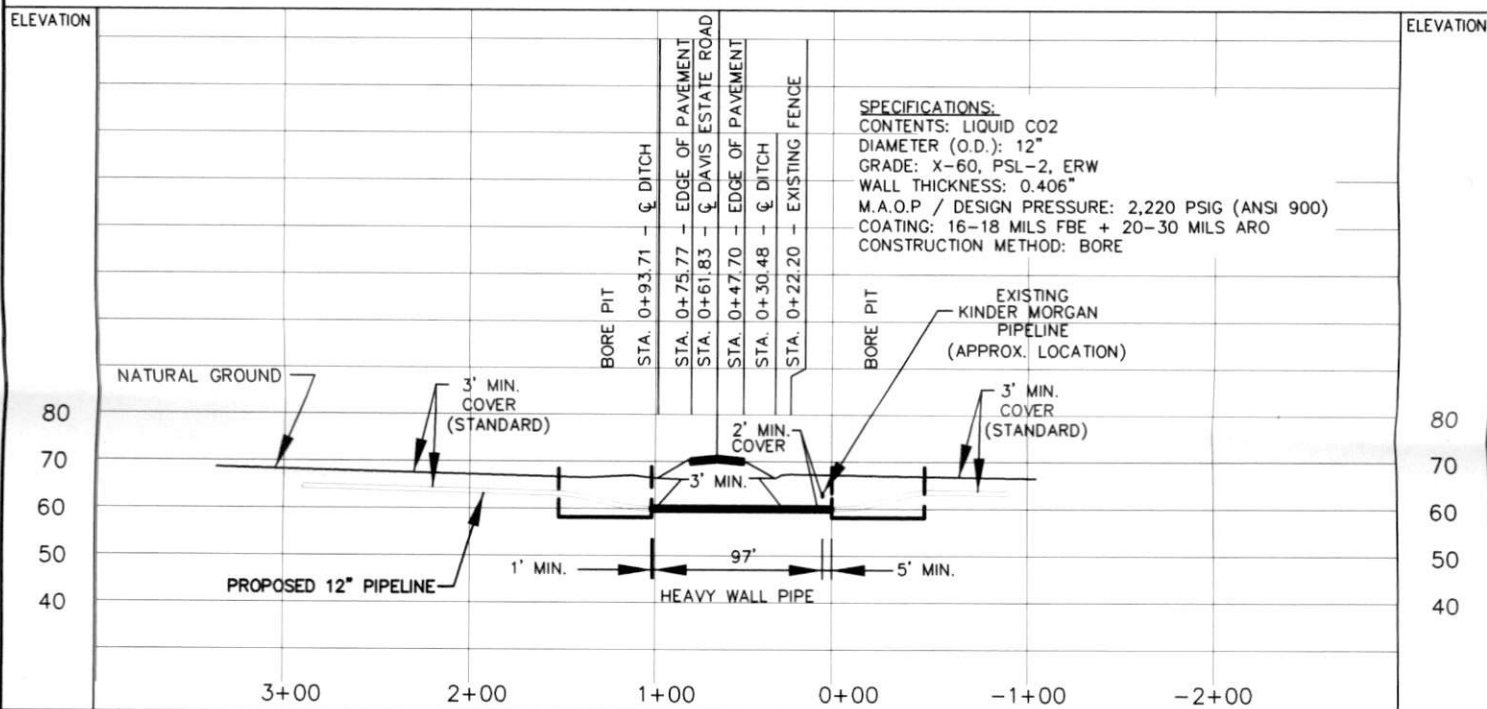
PLAN

SCALE: HOR. 1" = 100'

DAVIS ESTATE ROAD

PROFILE

SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



DATE: _____
 REVISED: _____
 REVISED: _____

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

— R — PROPERTY LINE
 ● POWER POLE (PP)

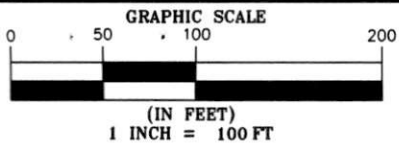
PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 9-06-12
SCALE: 1" = 100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P002-DAVIS ESTATE
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:



TEXAS FIRM REGISTRATION NO. 10064300
 1111 KATY FREEWAY
 SUITE 200
 HOUSTON, TX. 77079
 (713) 973-5100
 FAX: (713) 973-5150

**PETRA NOVA
 TCV PIPELINE, LLC**

**PROPOSED CO2 PIPELINE
 CROSSING
 DAVIS ESTATE ROAD
 PAGE 1 OF 1**

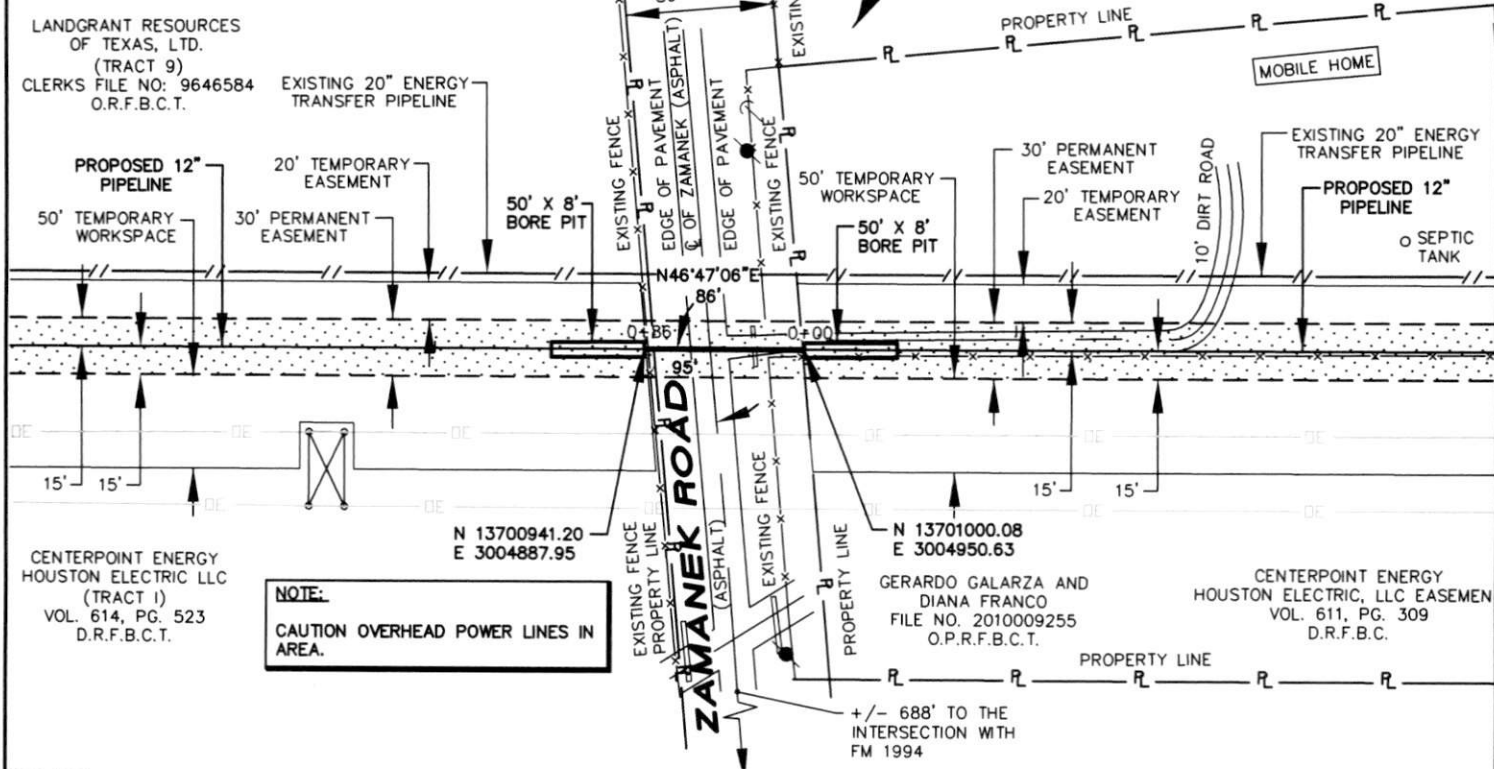


FORT BEND COUNTY, TEXAS

- PROPOSED PERMANENT PIPELINE ESMT.
- TEMPORARY WORKSPACE
- EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

NOTE:
PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.

AMBROSE GERNER, JR.
FILE NO. 2002133272
O.P.R.F.B.C.T.

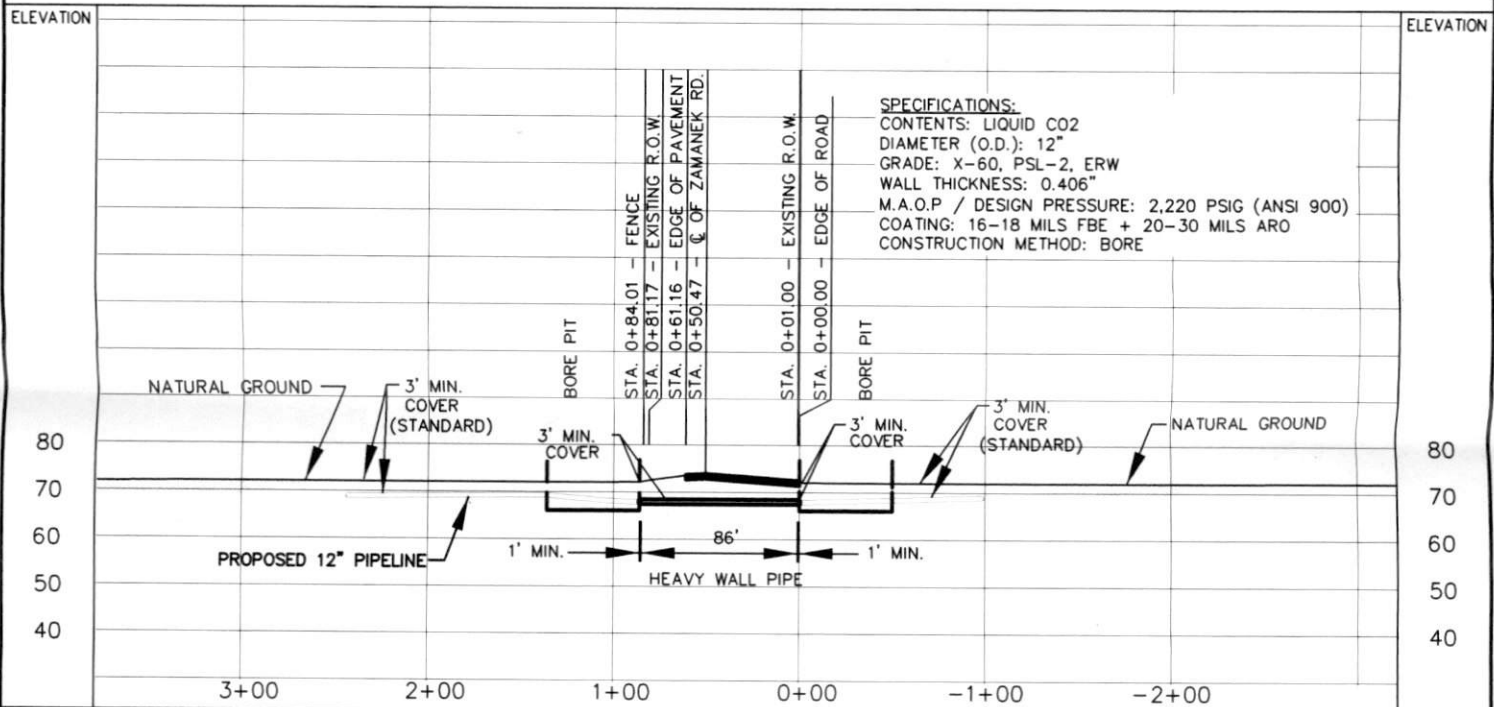


PLAN

SCALE: HOR. 1" = 100'

PROFILE

SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



SPECIFICATIONS:
 CONTENTS: LIQUID CO2
 DIAMETER (O.D.): 12"
 GRADE: X-60, PSL-2, ERW
 WALL THICKNESS: 0.406"
 M.A.O.P / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
 COATING: 16-18 MILS FBE + 20-30 MILS ARO
 CONSTRUCTION METHOD: BORE

DATE:
 REVISED:
 REVISED:

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

— R — PROPERTY LINE
 ● POWER POLE (PP)

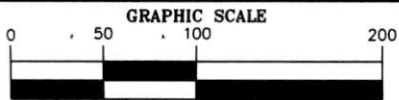
PROJECT:	TCV CO2 PIPELINE
JOB NUMBER:	32007
DATE:	9-11-12
SCALE:	1" = 100'
SURVEYOR:	
TECHNICIAN:	B. JORDAN
DRAWING:	PN-NRG-P003-ZAMANEK RD
TRACT ID:	
PARTYCHIEF:	C. KEELER
FIELDBOOKS:	



TEXAS FIRM REGISTRATION NO. 10064300
 1111 KATY FREEWAY
 SUITE 200
 HOUSTON, TX. 77079
 (713) 973-5100
 FAX: (713) 973-5150

**PETRA NOVA
 TCV PIPELINE, LLC**

**PROPOSED CO2 PIPELINE
 CROSSING
 ZAMANEK ROAD
 PAGE 1 OF 1**



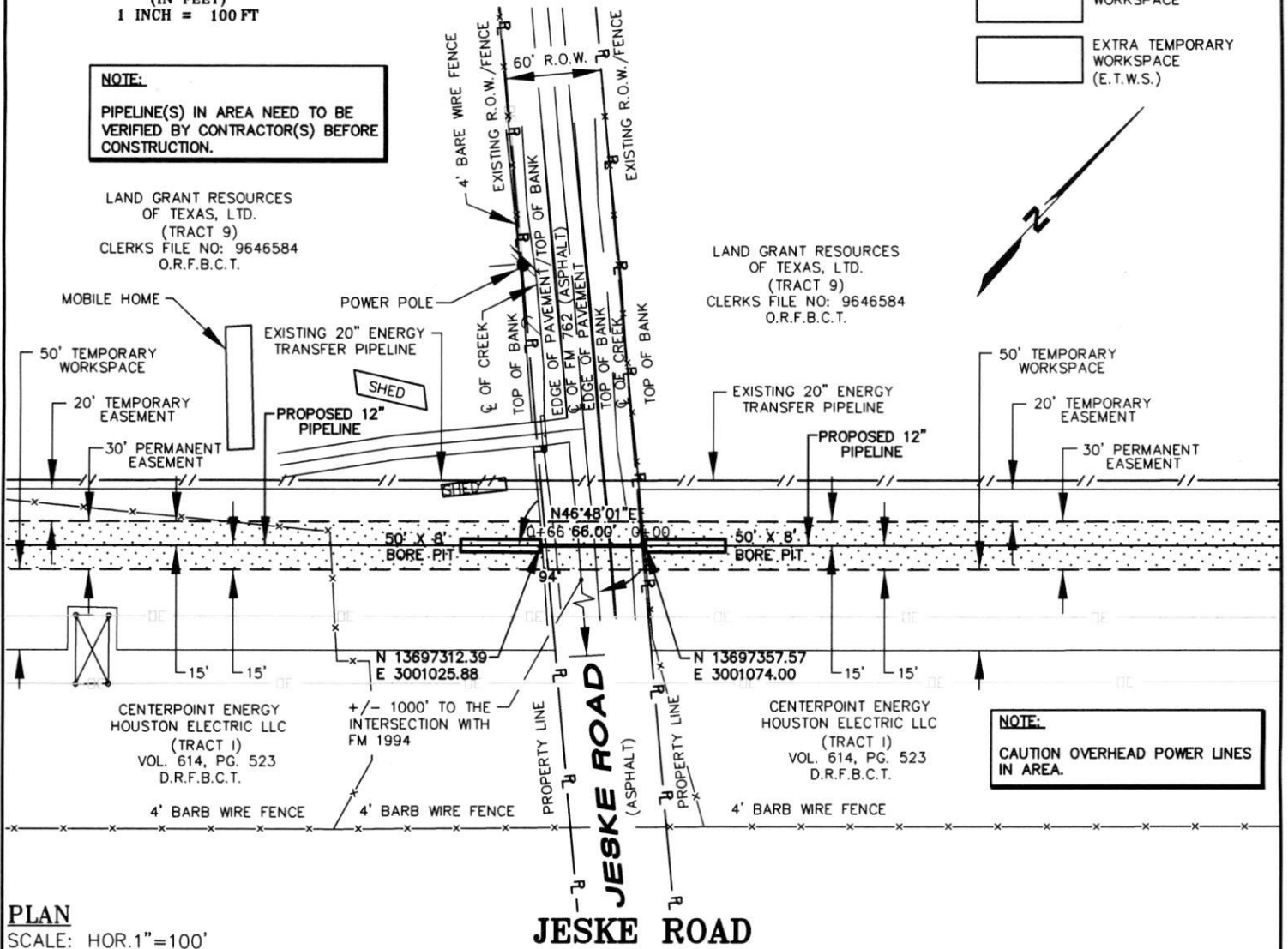
FORT BEND COUNTY, TEXAS

- PROPOSED PERMANENT PIPELINE ESMT.
- TEMPORARY WORKSPACE
- EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

NOTE:
PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.

LAND GRANT RESOURCES OF TEXAS, LTD.
(TRACT 9)
CLERKS FILE NO: 9646584
O.R.F.B.C.T.

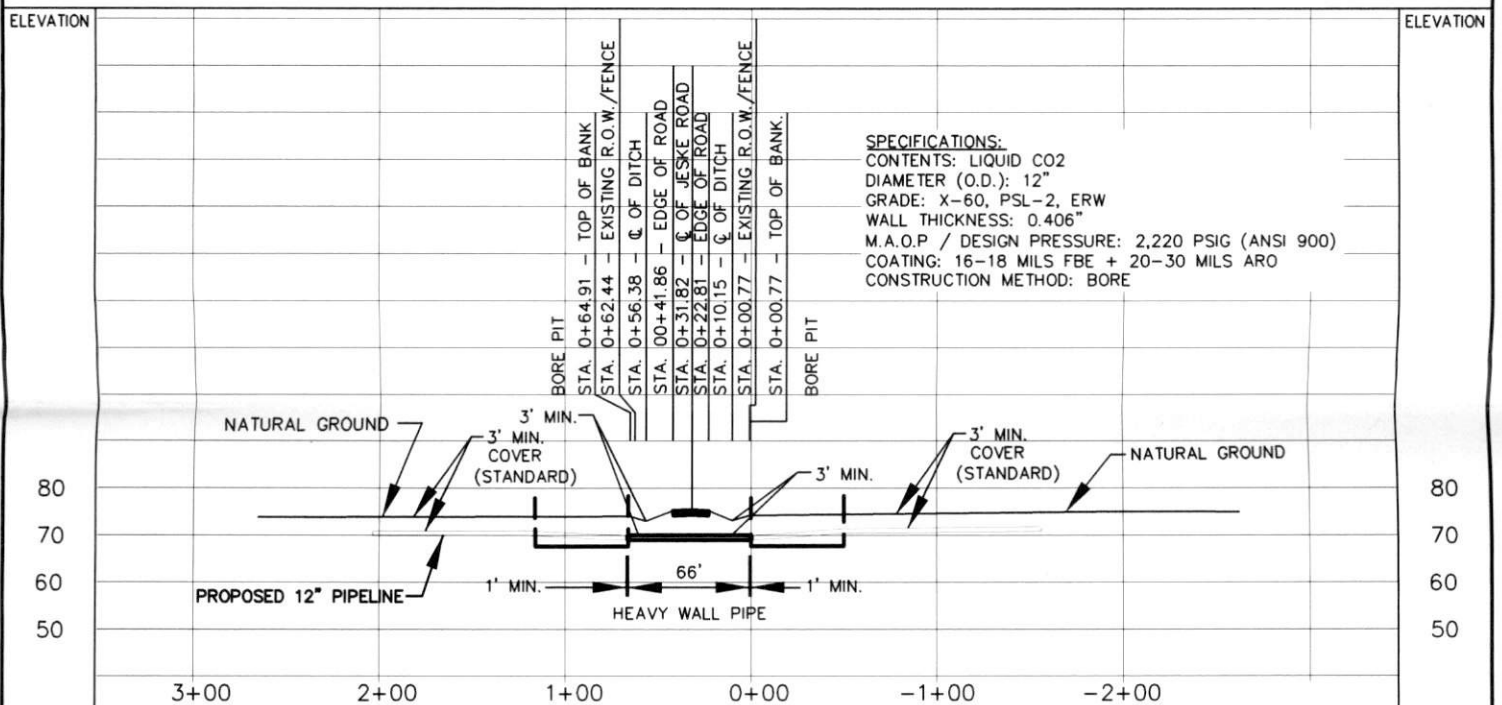
LAND GRANT RESOURCES OF TEXAS, LTD.
(TRACT 9)
CLERKS FILE NO: 9646584
O.R.F.B.C.T.



NOTE:
CAUTION OVERHEAD POWER LINES IN AREA.

PLAN
SCALE: HOR. 1" = 100'

PROFILE
SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



DATE:
REVISED:
REVISED:

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

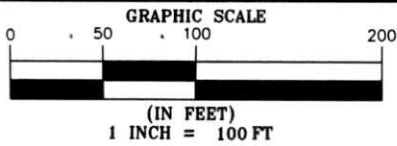
- PROPERTY LINE
- POWER POLE (PP)

PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 8-02-12
SCALE: 1"=100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P004-JESKE ROAD
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:

TEXAS FIRM REGISTRATION NO. 10064300
1111 KATY FREEWAY
SUITE 200
HOUSTON, TX. 77079
(713) 973-5100
FAX: (713) 973-5150

**PETRA NOVA
TCV PIPELINE, LLC**

**PROPOSED CO2 PIPELINE
CROSSING
JESKE ROAD
PAGE 1 OF 1**

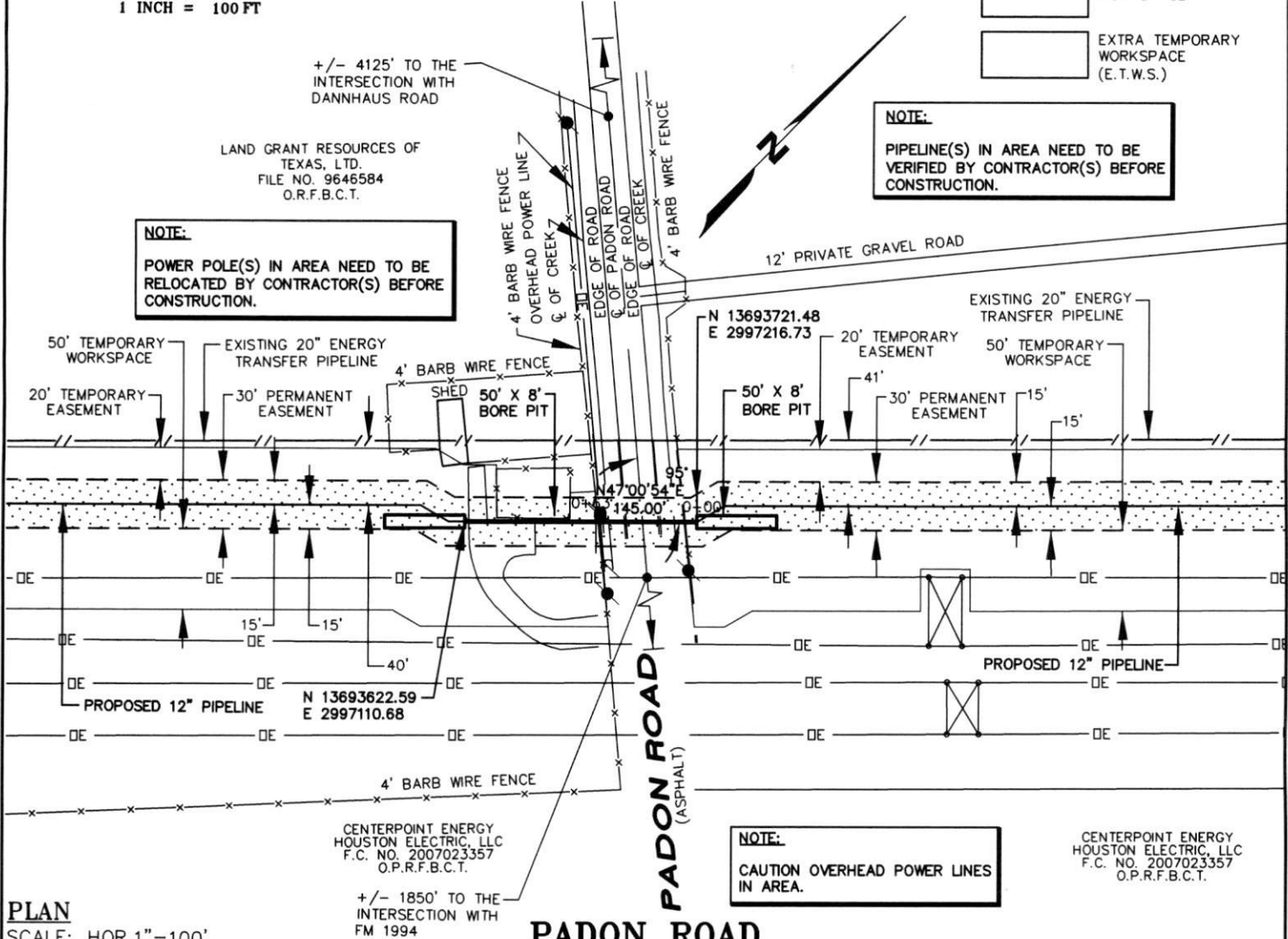


FORT BEND COUNTY, TEXAS

- PROPOSED PERMANENT PIPELINE ESMT.
- TEMPORARY WORKSPACE
- EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

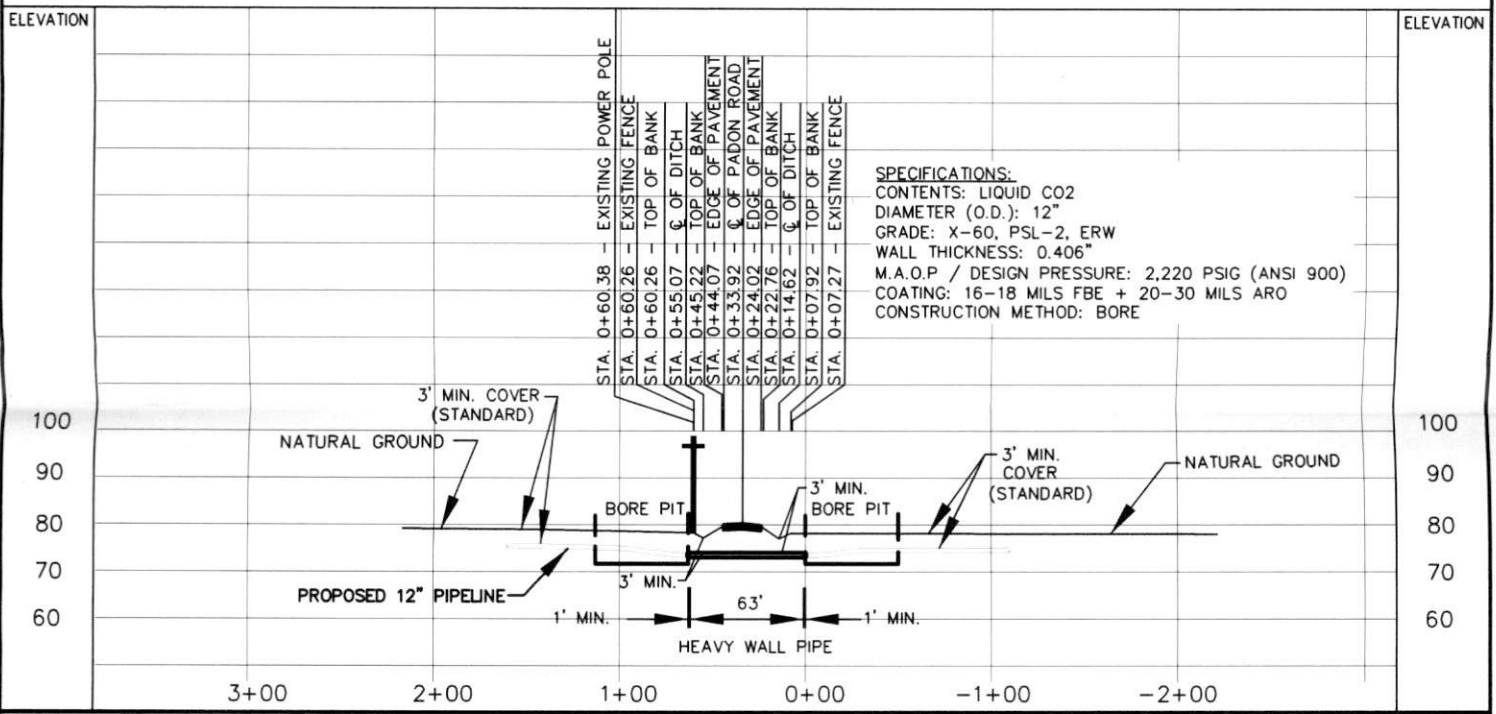
NOTE:
POWER POLE(S) IN AREA NEED TO BE RELOCATED BY CONTRACTOR(S) BEFORE CONSTRUCTION.

NOTE:
PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.



PLAN
SCALE: HOR. 1" = 100'

PROFILE
SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



SPECIFICATIONS:
 CONTENTS: LIQUID CO2
 DIAMETER (O.D.): 12"
 GRADE: X-60, PSL-2, ERW
 WALL THICKNESS: 0.406"
 M.A.O.P / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
 COATING: 16-18 MILS FBE + 20-30 MILS ARO
 CONSTRUCTION METHOD: BORE

DATE: _____
 REVISED: _____
 REVISED: _____

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

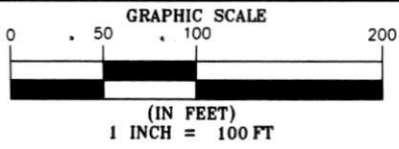
— P — PROPERTY LINE
 ● POWER POLE (PP)

PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 8-02-12
SCALE: 1" = 100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P005-PADON RD
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:

TEXAS FIRM REGISTRATION NO. 10064300
 1111 KATY FREEWAY
 SUITE 200
 HOUSTON, TX 77079
 (713) 973-5100
 FAX: (713) 973-5150

**PETRA NOVA
 TCV PIPELINE, LLC**

**PROPOSED CO2 PIPELINE
 CROSSING
 PADON ROAD
 PAGE 1 OF 1**



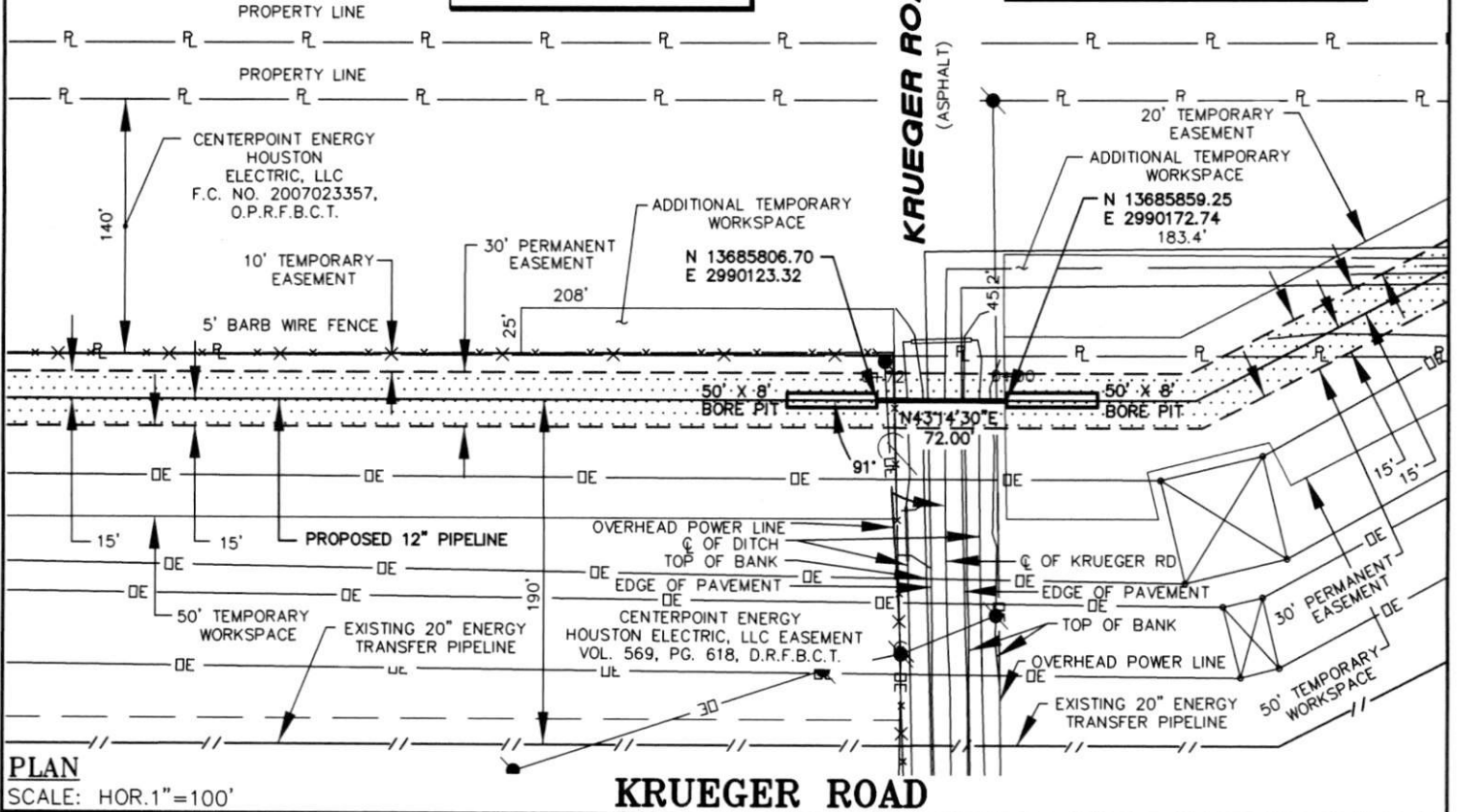
FORT BEND COUNTY, TEXAS

- PROPOSED PERMANENT PIPELINE ESMT.
- TEMPORARY WORKSPACE
- EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

NOTE:
PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.

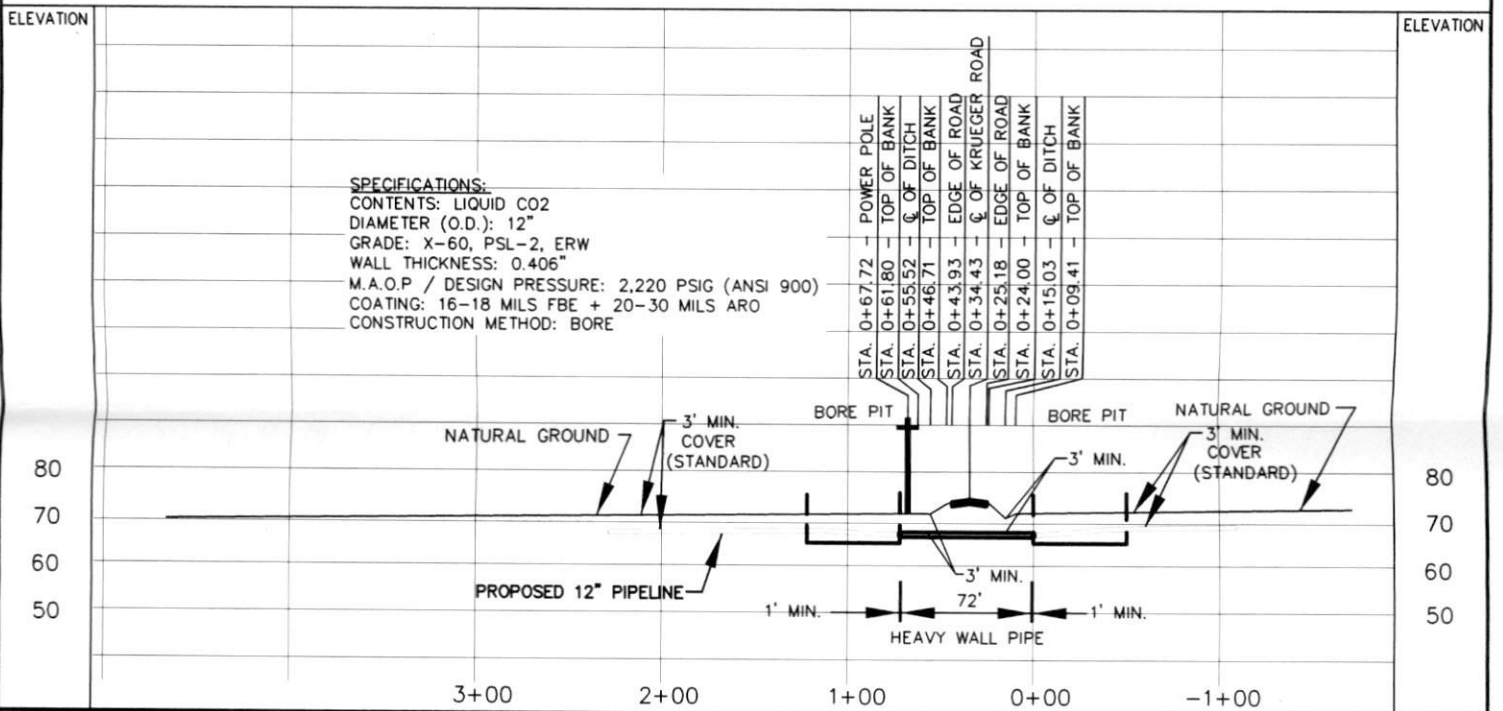
NOTE:
CAUTION OVERHEAD POWER LINES IN AREA.

NOTE:
POWER POLE(S) IN AREA NEED TO BE RELOCATED BY CONTRACTOR(S) BEFORE CONSTRUCTION.



PLAN
SCALE: HOR. 1" = 100'

PROFILE
SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



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 COATING: 16-18 MILS FBE + 20-30 MILS ARO
 CONSTRUCTION METHOD: BORE

DATE: _____
 REVISED: _____
 REVISED: _____

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

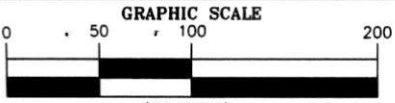
— RL — PROPERTY LINE
 ● POWER POLE (PP)

PROJECT: TCV CO2 PIPELINE
 JOB NUMBER: 32007
 DATE: 8-02-12
 SCALE: 1" = 100'
 SURVEYOR:
 TECHNICIAN: B. JORDAN
 DRAWING: PN-NRG-P006-KRUEGER RD
 TRACT ID:
 PARTYCHIEF: C. KEELER
 FIELDBOOKS:

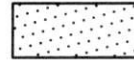
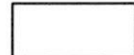
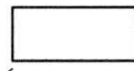
TEXAS FIRM REGISTRATION NO. 10064300
 IIII KATY FREEWAY
 SUITE 200
 HOUSTON, TX 77079
 (713) 973-5100
 FAX: (713) 973-5150

PETRA NOVA
TCV PIPELINE, LLC

PROPOSED CO2 PIPELINE
CROSSING
KRUEGER ROAD
PAGE 1 OF 1



FORT BEND COUNTY, TEXAS

-  PROPOSED PERMANENT PIPELINE ESMT.
-  TEMPORARY WORKSPACE
-  EXTRA TEMPORARY WORKSPACE (E.T.W.S.)

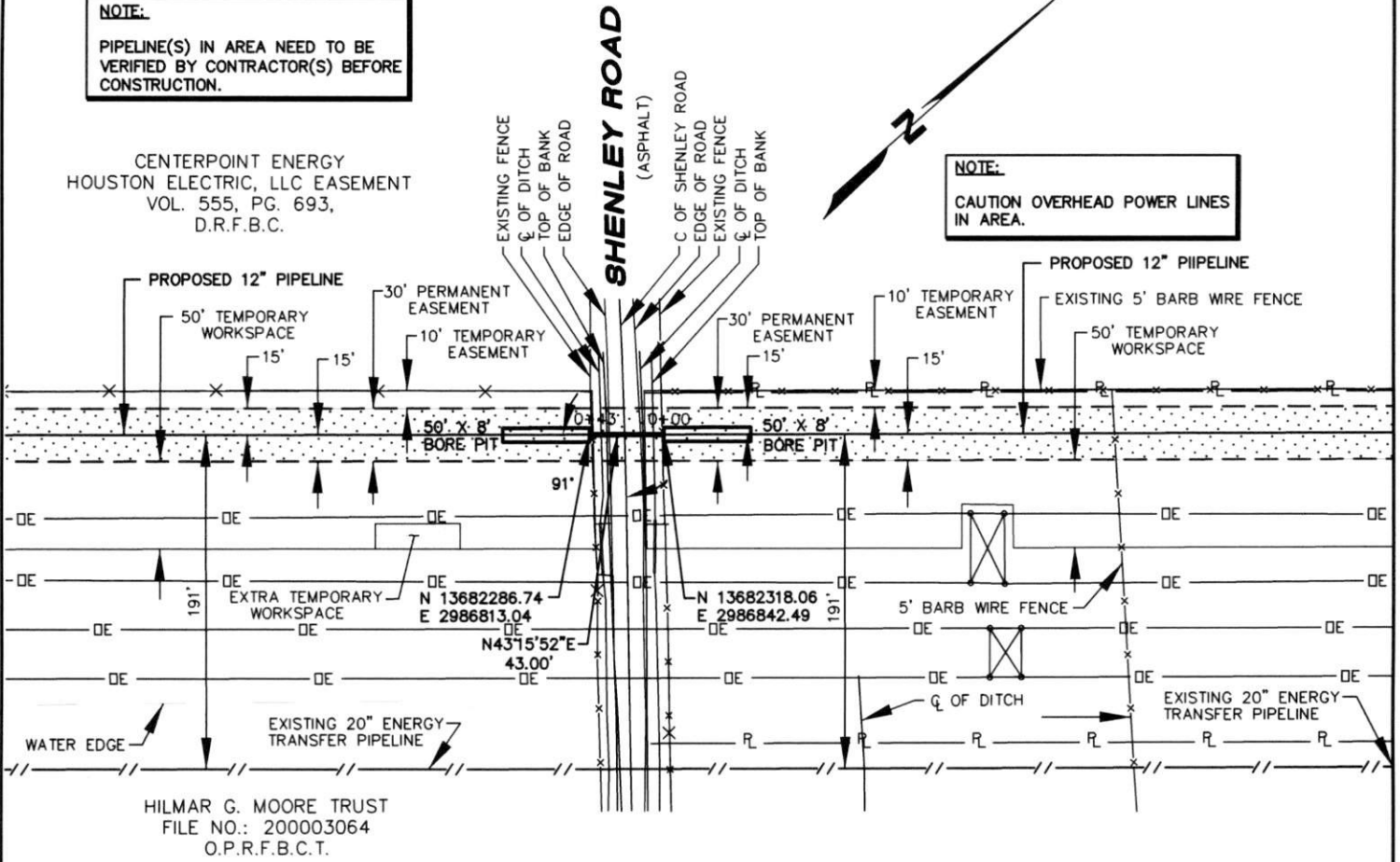
NOTE:

PIPELINE(S) IN AREA NEED TO BE VERIFIED BY CONTRACTOR(S) BEFORE CONSTRUCTION.

CENTERPOINT ENERGY
HOUSTON ELECTRIC, LLC EASEMENT
VOL. 555, PG. 693,
D.R.F.B.C.

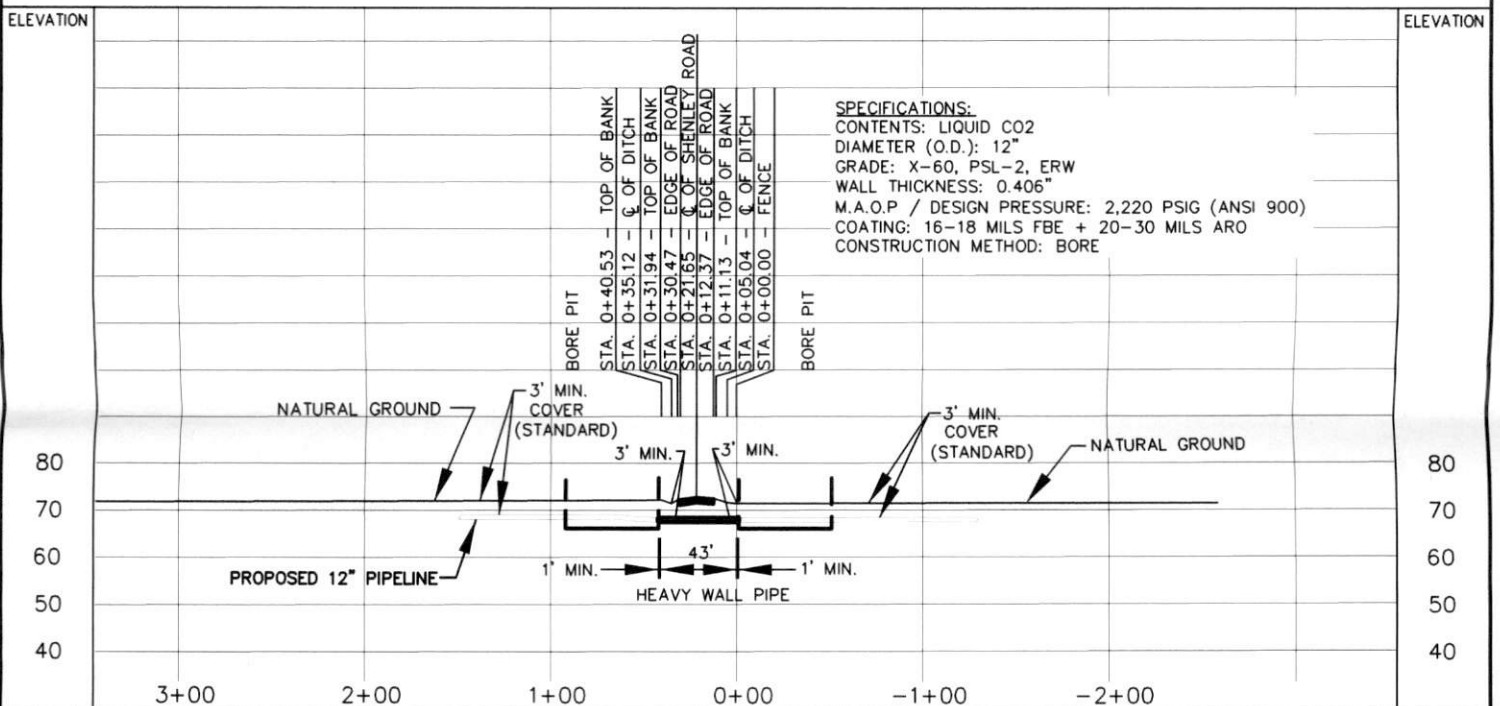
NOTE:

CAUTION OVERHEAD POWER LINES IN AREA.



PLAN
SCALE: HOR. 1" = 100'
SHENLEY ROAD

PROFILE
SCALE: HOR. 1" = 100'
SCALE: VER. 1" = 40'



DATE:
REVISED:
REVISED:

ALL DISTANCE AND COORDINATES ARE TEXAS STATE PLANE SOUTH CENTRAL ZONE (4204), NAD 83, NAVD 88.

— R — PROPERTY LINE
● POWER POLE (PP)

PROJECT: TCV CO2 PIPELINE
JOB NUMBER: 32007
DATE: 8-02-12
SCALE: 1" = 100'
SURVEYOR:
TECHNICIAN: B. JORDAN
DRAWING: PN-NRG-P007-SHENLEY RD
TRACT ID:
PARTYCHIEF: C. KEELER
FIELDBOOKS:



TEXAS FIRM REGISTRATION NO. 10064300
1111 KATY FREEWAY
SUITE 200
HOUSTON, TX. 77079
(713) 973-5100
FAX: (713) 973-5150

**PETRA NOVA
TCV PIPELINE, LLC**

**PROPOSED CO2 PIPELINE
CROSSING
SHENLEY ROAD
PAGE 1 OF 1**

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. _____ PCT. No. _____
 BOND No. _____

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and
 drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
Dutch John Creek		27'				
Big Creek						
Deer Creek Lateral II-B-5-e-2						

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Deer Creek Lateral III-B-5-C			

General Description
 12" CO₂ line

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 301 Jackson Richmond, TX 77469.

Violation of Requirements shall constitute grounds for job shut down.

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.

Please complete:

Name: _____

Email address: _____

COMPANY NAME: _____
 AGENT AND/OR OWNER

NAME & TITLE: _____
 (Signature)

DATE: _____

ADDRESS: _____

 City State Zip

TELEPHONE No. _____

(Accessible 24hrs/day, 7 days/week)

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. _____
 PERMIT No. _____ PCT. No. _____
 BOND No. _____

Formal notice is hereby given that _____
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and
 drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased
Guy Creek	II-15 S-C					
Mound Creek						
Cedar Creek						

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Buffalo Creek			

General Description
 12" CO₂ Line

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 301 Jackson Richmond, TX 77469.

Violation of Requirements shall constitute grounds for job shut down.

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.
 Please complete:
 Name: _____
 Email address: _____

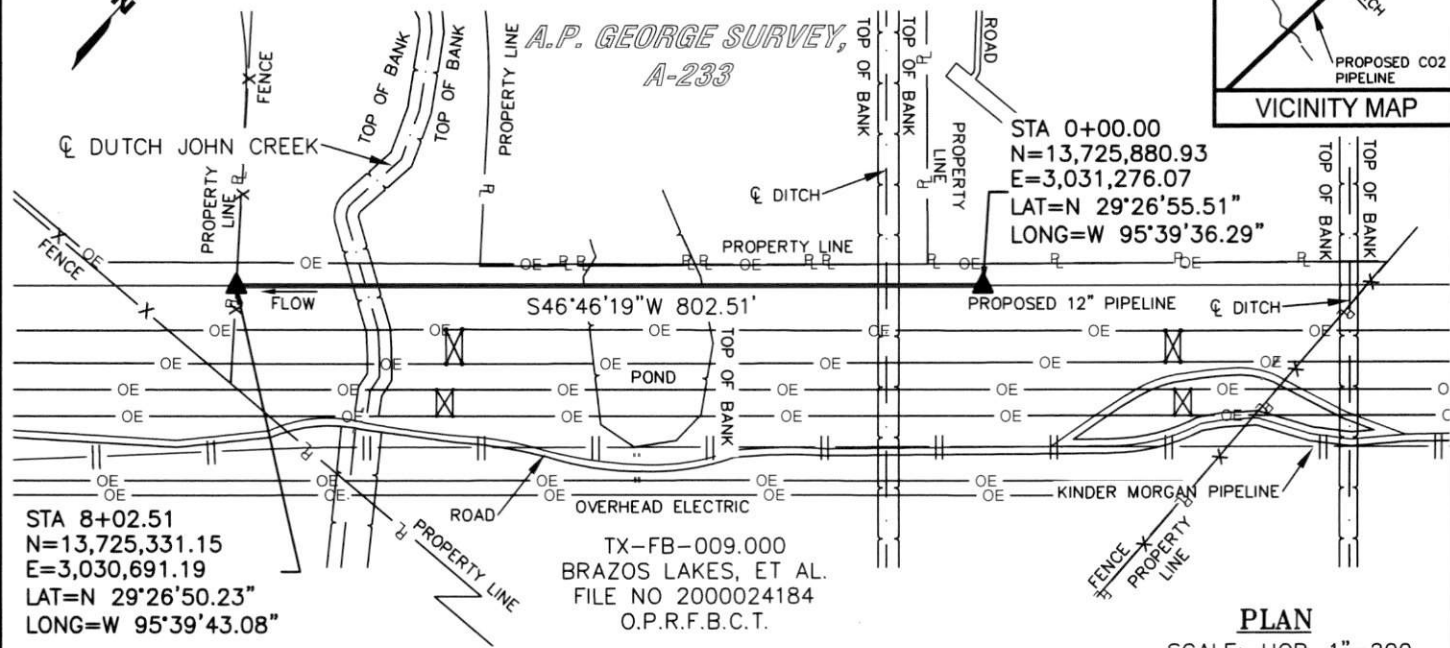
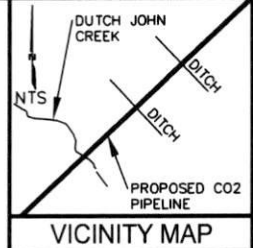
COMPANY NAME: _____
 AGENT AND/OR OWNER
 NAME & TILE: _____
 (Signature)
 DATE: _____
 ADDRESS: _____

 City State Zip
 TELEPHONE No. _____

(Accessible 24hrs/day, 7 days/week)

Dutch John

FORT BEND COUNTY, TEXAS
A.P. GEORGE SURVEY A-754



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E=3,030,691.19
LAT=N 29°26'50.23"
LONG=W 95°39'43.08"

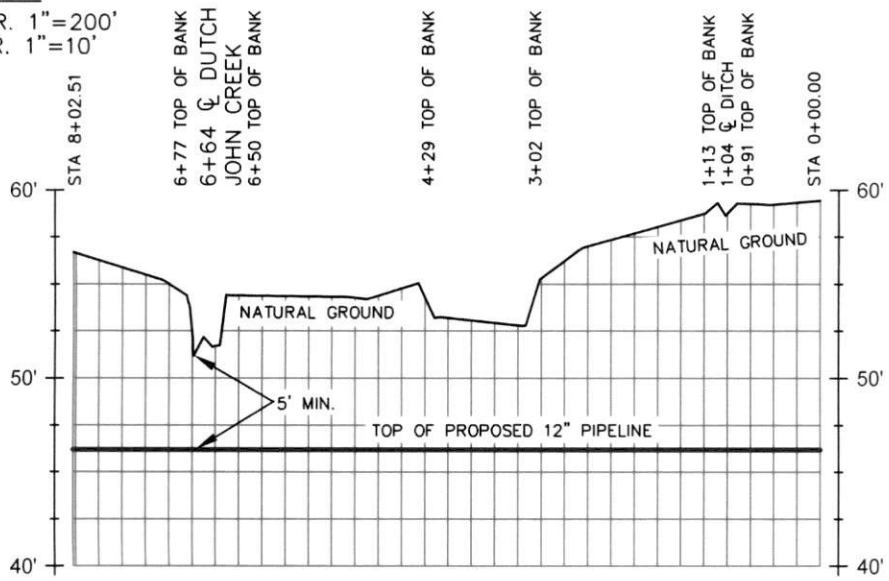
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LONG=W 95°39'36.29"

TX-FB-009.000
BRAZOS LAKES, ET AL.
FILE NO 2000024184
O.P.R.F.B.C.T.

PLAN
SCALE: HOR. 1"=200

PROFILE

SCALE: HOR. 1"=200'
SCALE: VER. 1"=10'



NOTES

- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
- ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.

PIPE DATA

CONTENT: LIQUID CO2
DIAMETER (O.D.): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED.
REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

P:\Petra Nova-NRG\Petra Nova\dwg\PERMIT DELIVERABLES\watercrossing\FORT_BEND\DUTCH_JOHN_CREEK.dwg

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 200'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: DUTCH JOHN CREEK
TRACT ID: TX-FB-09
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

TEXAS FIRM REGISTRATION NO. 10064300

PROPOSED CO2 PIPELINE
CROSSING
DUTCH JOHN CREEK
FORT BEND COUNTY,
TEXAS

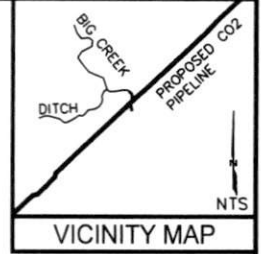
Big Creek

FORT BEND COUNTY, TEXAS

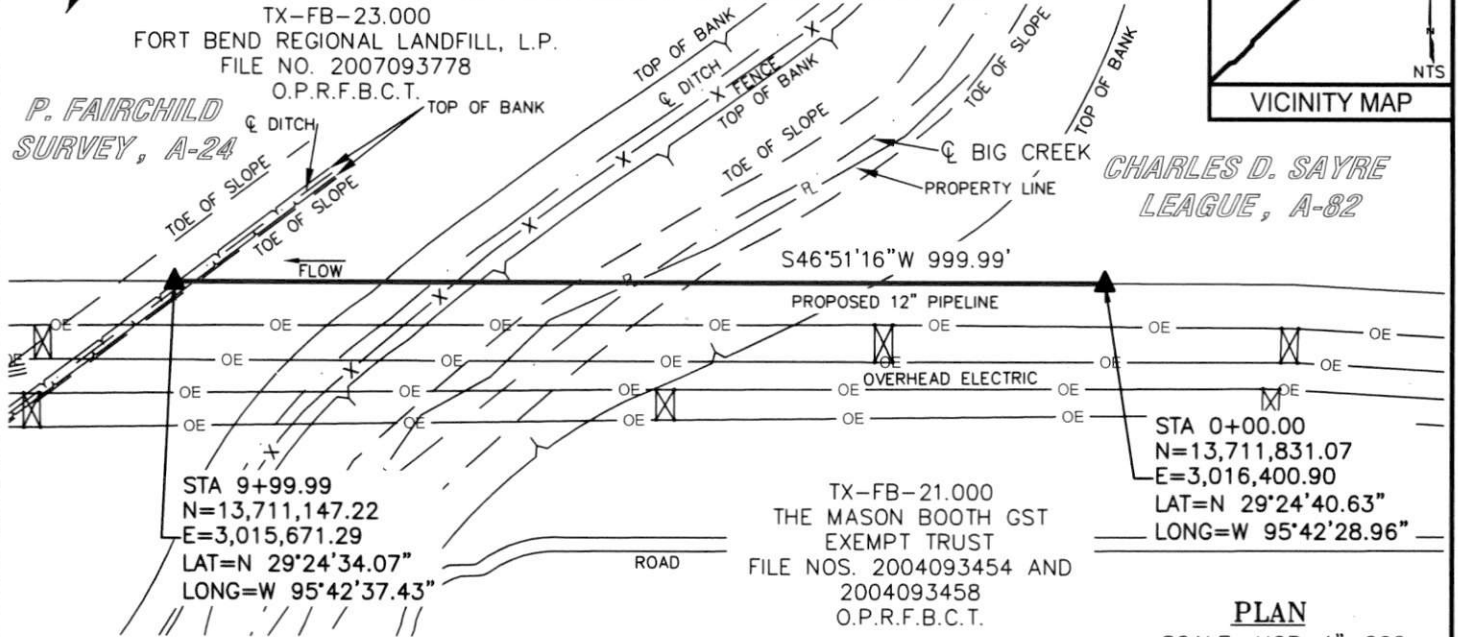
P. FAIRCHILD SURVEY A-24 AND
CHARLES D. SAYRE LEAGUE A-82

TX-FB-23.000
FORT BEND REGIONAL LANDFILL, L.P.
FILE NO. 2007093778
O.P.R.F.B.C.T.

P. FAIRCHILD
SURVEY, A-24



VICINITY MAP



CHARLES D. SAYRE
LEAGUE, A-82

STA 9+99.99
N=13,711,147.22
E=3,015,671.29
LAT=N 29°24'34.07"
LONG=W 95°42'37.43"

TX-FB-21.000
THE MASON BOOTH GST
EXEMPT TRUST
FILE NOS. 2004093454 AND
2004093458
O.P.R.F.B.C.T.

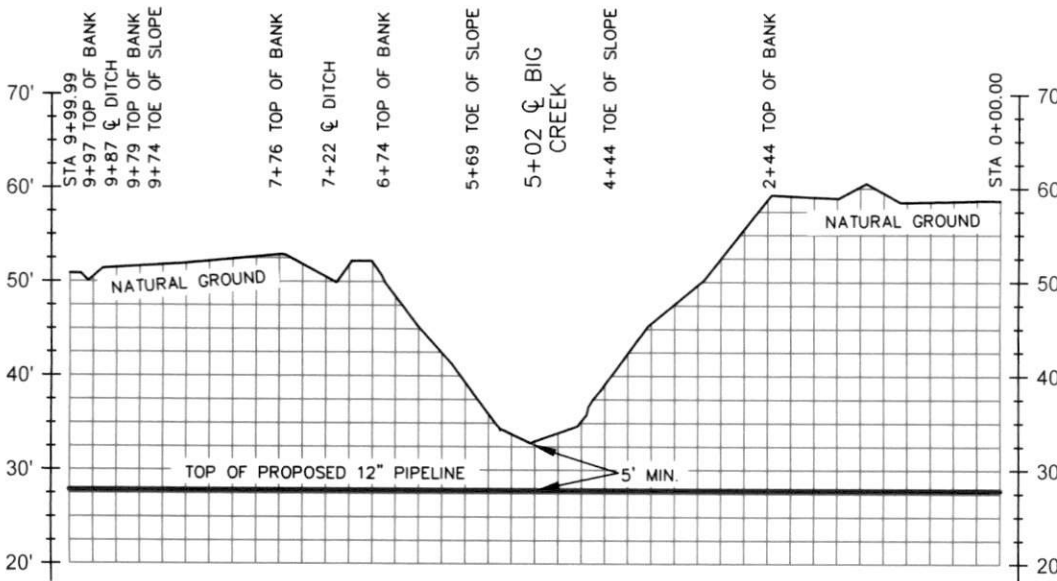
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LONG=W 95°42'28.96"

PLAN

SCALE: HOR. 1"=200

PROFILE

SCALE: HOR. 1"=200'
SCALE: VER. 1"=20'



NOTES

- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
- ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.

PIPE DATA

CONTENT: LIQUID CO2
DIAMETER (O.D): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED.
REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

P:\Petra Nova-NRG\Petra Nova\dwg\PERMIT_DELIVERABLES\watercrossing\FORT_BEND\BIG_CREEK.dwg

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 200'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: BIG CREEK PERMIT
TRACT ID: TX-FB-23.000
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



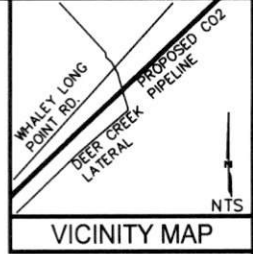
TEXAS FIRM REGISTRATION NO. 10064300

1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

PROPOSED CO2 PIPELINE
CROSSING
BIG CREEK
FORT BEND COUNTY,
TEXAS

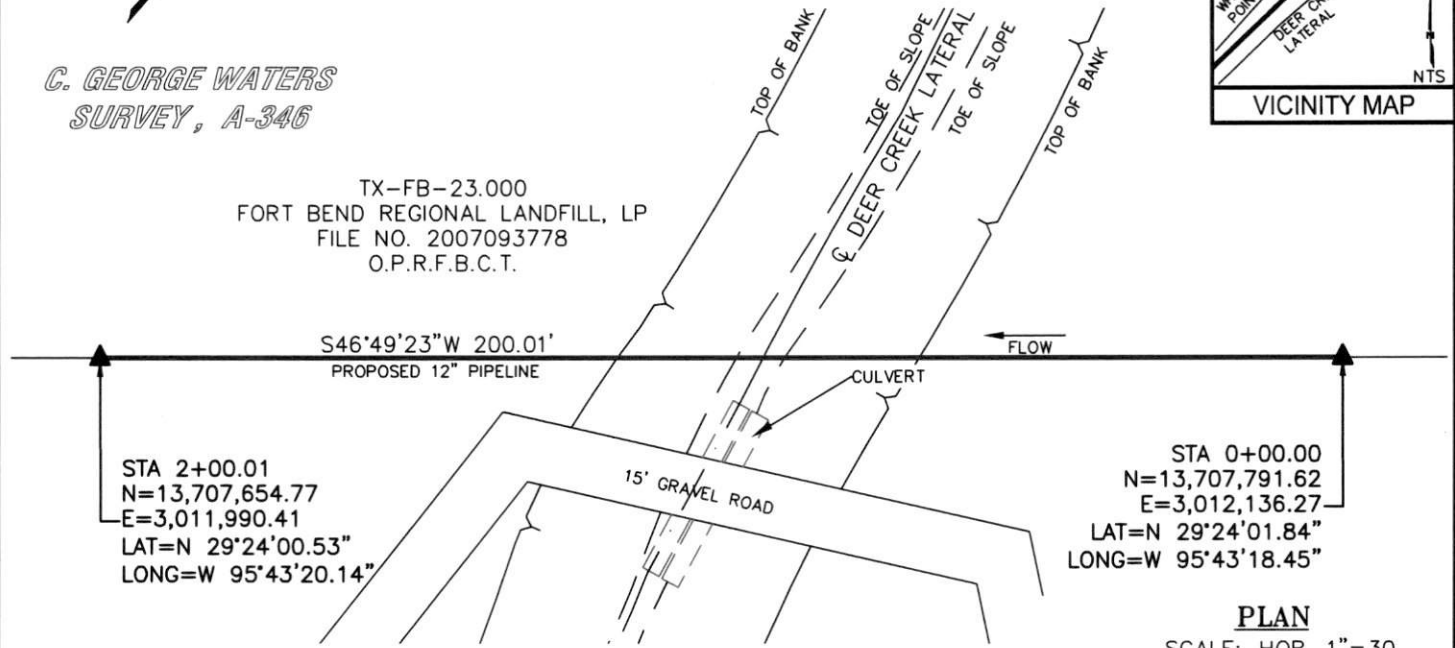
Deer Creek Lateral II-B-5-e-2

FORT BEND COUNTY, TEXAS
C. GEORGE WATERS SURVEY A-346



C. GEORGE WATERS
SURVEY, A-346

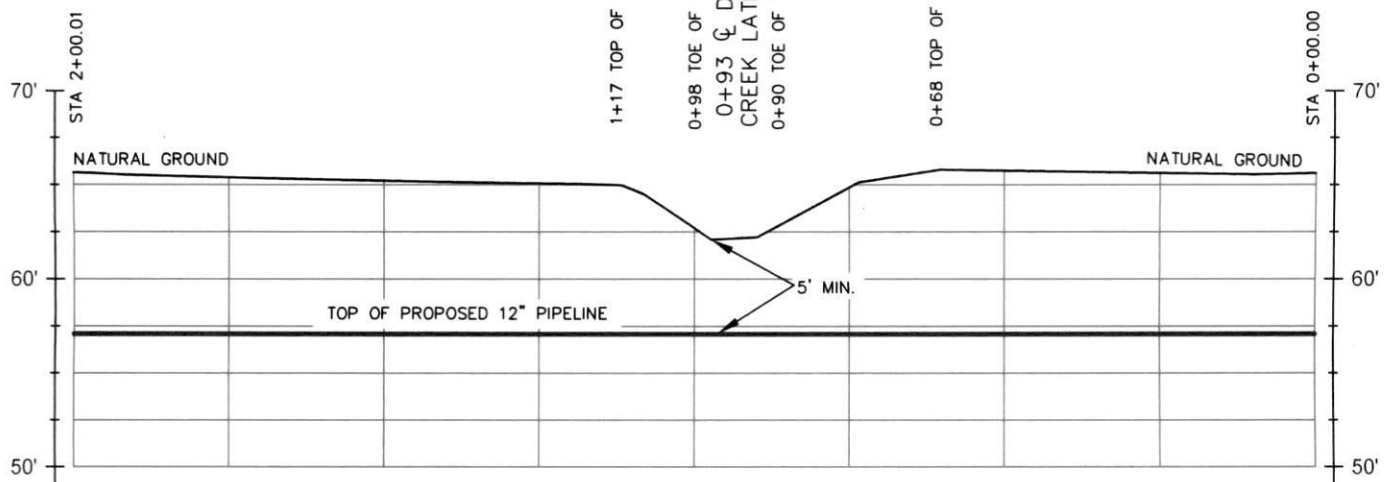
TX-FB-23.000
FORT BEND REGIONAL LANDFILL, LP
FILE NO. 2007093778
O.P.R.F.B.C.T.



PLAN
SCALE: HOR. 1"=30'

PROFILE

SCALE: HOR. 1"=30'
SCALE: VER. 1"=10'



NOTES

- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
- ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.

PIPE DATA

CONTENT: LIQUID CO2
DIAMETER (O.D): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED.
REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

P:\Petra Nova-NRC\Petra Nova\dwg\PERMIT DELIVERABLES\watercrossing\FORT BEND\DEER CREEK LATERAL FB 23.dwg

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 30'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: DEER CREEK LATERAL PERMIT
TRACT ID: TX-FB-23.000
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



TEXAS FIRM REGISTRATION NO. 10064300

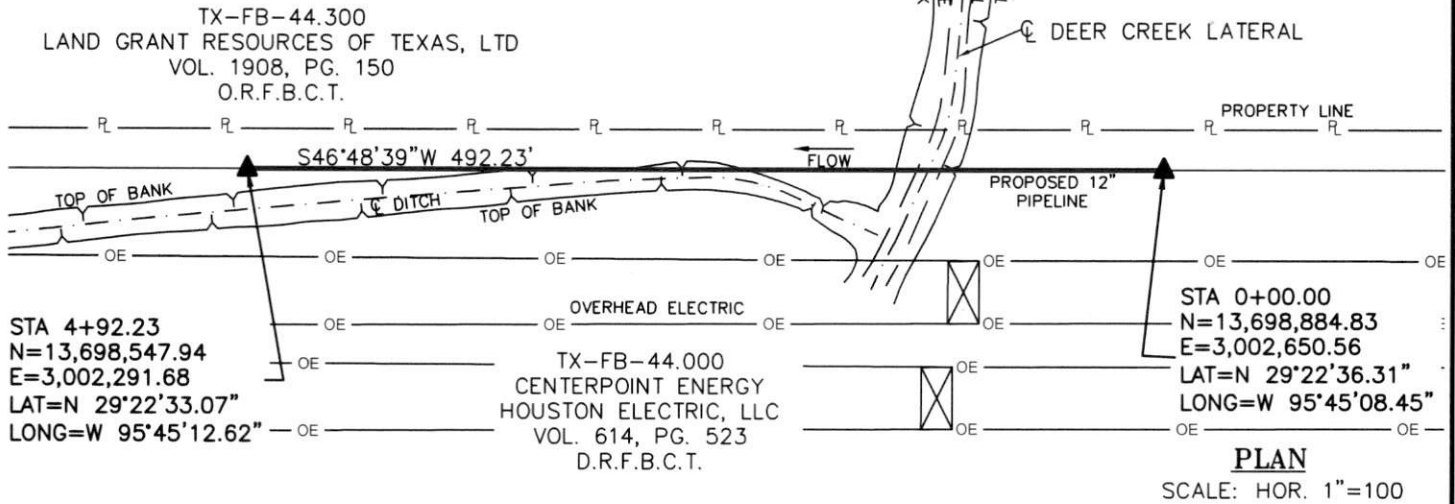
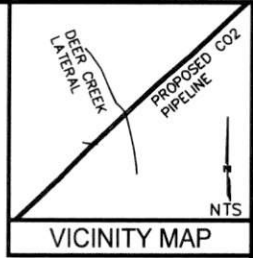
1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

PROPOSED CO2 PIPELINE
CROSSING
DEER CREEK LATERAL
FORT BEND COUNTY,
TEXAS

Deer Creek Lateral II-B-5-C

FORT BEND COUNTY, TEXAS H. & T.C. R.R. CO. SURVEY NO 57 A-233

H. & T.C. R.R. CO.
SURVEY NO 57
A-233



STA 4+92.23
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E=3,002,291.68
LAT=N 29°22'33.07"
LONG=W 95°45'12.62"

TX-FB-44.000
CENTERPOINT ENERGY
HOUSTON ELECTRIC, LLC
VOL. 614, PG. 523
D.R.F.B.C.T.

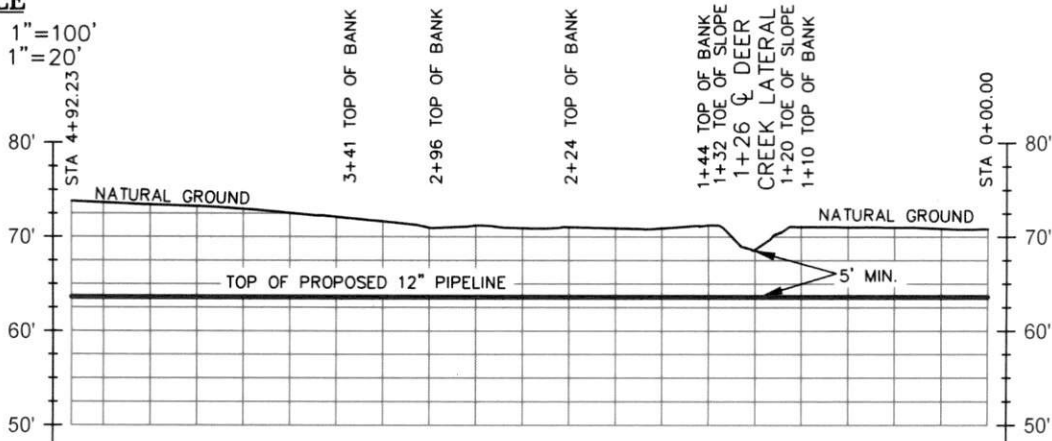
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N=13,698,884.83
E=3,002,650.56
LAT=N 29°22'36.31"
LONG=W 95°45'08.45"

PLAN

SCALE: HOR. 1"=100

PROFILE

SCALE: HOR. 1"=100'
SCALE: VER. 1"=20'



NOTES

- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 (GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
- ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.

PIPE DATA

CONTENT: LIQUID CO2
DIAMETER (O.D): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED.
REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 100'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: DEER CREEK LATERAL FB 44
TRACT ID: TX-FB-44.000
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



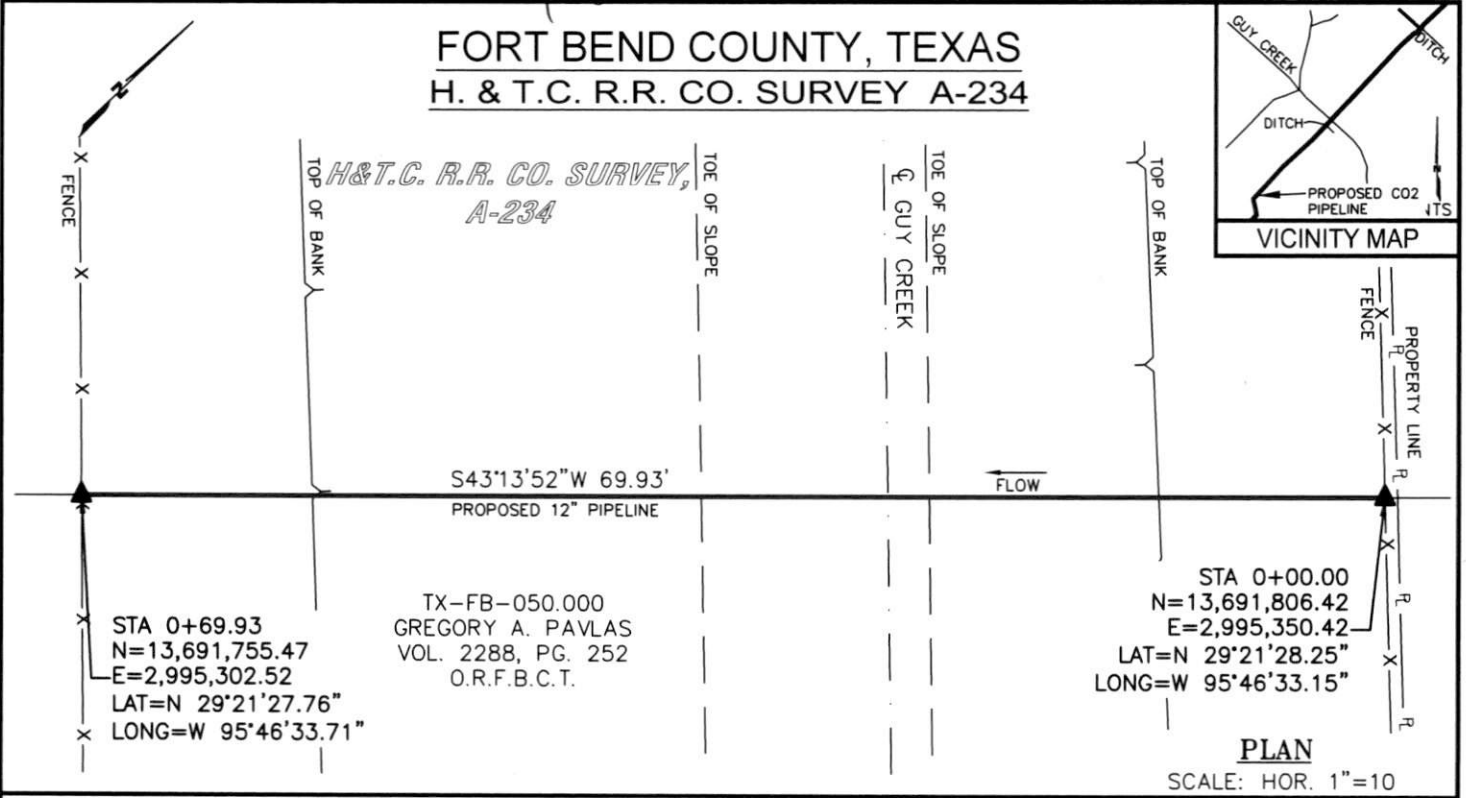
TEXAS FIRM REGISTRATION NO. 10064300

1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

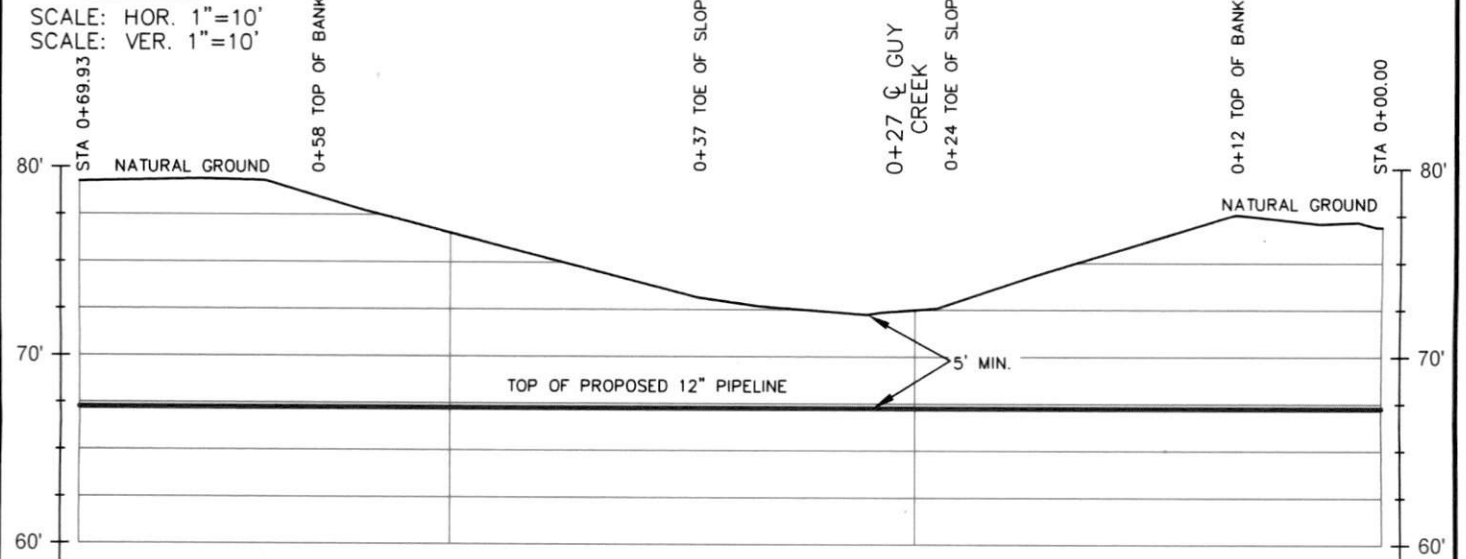
PROPOSED CO2 PIPELINE
CROSSING
DEER CREEK LATERAL
FORT BEND COUNTY,
TEXAS

Guy Creek

FORT BEND COUNTY, TEXAS
H. & T.C. R.R. CO. SURVEY A-234



PROFILE



- NOTES**
- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
 - ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.
- PIPE DATA**
- CONTENT: LIQUID CO2
DIAMETER (O.D): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED. REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

P:\Petra Nova-NRG\Permit Deliverables\watercrossing\FORT BEND\GUY CREEK.dwg

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 10'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: GUY CREEK PERMIT
TRACT ID: TX-FB-050.000
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

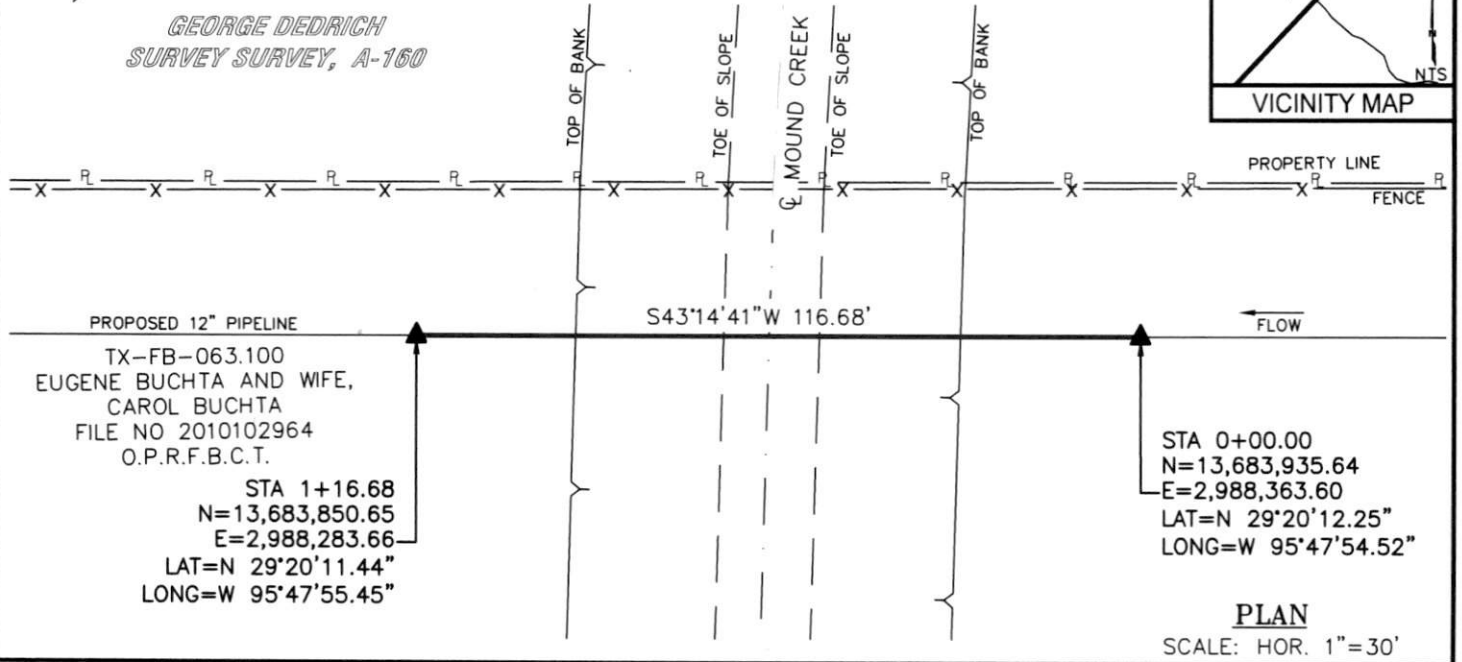
TEXAS FIRM REGISTRATION NO. 10064300

PROPOSED CO2 PIPELINE
CROSSING
GUY CREEK
FORT BEND COUNTY,
TEXAS

Mound Creek

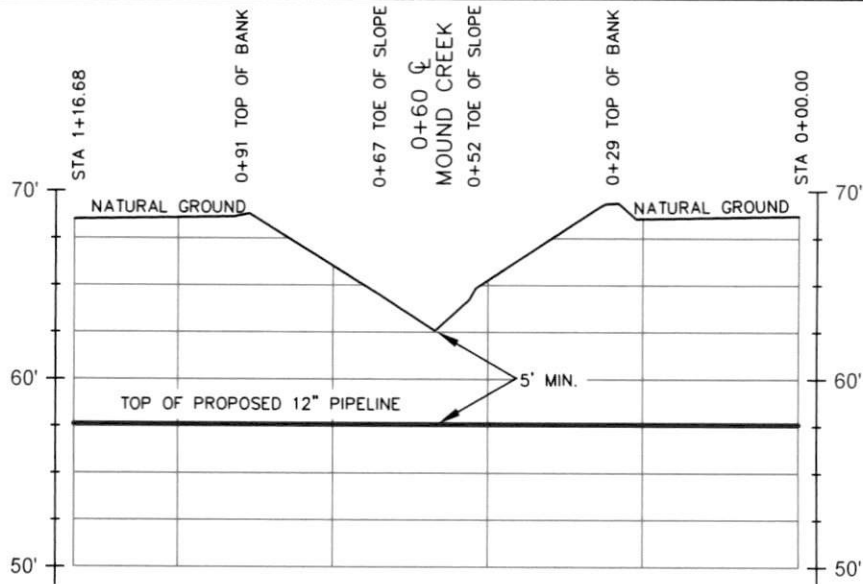
FORT BEND COUNTY, TEXAS GEORGE DEDRICH SURVEY A-160

GEORGE DEDRICH
SURVEY SURVEY, A-160



PROFILE

SCALE: HOR. 1"=30'
SCALE: VER. 1"=10'



NOTES

- BEARINGS ARE BASED ON CONTROL POINT 1 (GRID COORDINATES N(Y) = 13593726.86 USSFT AND E (X) = 2760596.64 USSFT) AND CONTROL POINT 32 GRID COORDINATES N(Y) = 13590918.81 USSFT AND E(X) = 3006001.56 USSFT) SET BY SAM, INC. AS PRIMARY CONTROL FOR THIS PROJECT. THESE POINTS ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NAD 83 (CORS1996) (EPOCH 2002), HAVING A GRID BEARING OF S89°20'40"E AND A GRID DISTANCE OF 245,420.98 USSFT AND A COMBINED SCALE FACTOR (CSF) OF 0.99987.
- ALL DISTANCES SHOWN HEREON ARE GRID VALUES TO CONVERT TO SURFACE, DIVIDE THE DISTANCE SHOWN BY THE CSF.

PIPE DATA

CONTENT: LIQUID CO2
DIAMETER (O.D): 12.75
GRADE: X-60, PSL-2, ERW
WALL THICKNESS: 0.406
M.A.O.P. / DESIGN PRESSURE: 2,220 PSIG (ANSI 900)
COATING 16-18 MILS FBE + 20-30 MILS ARO
CONSTRUCTION DETAILS ARE NOT ILLUSTRATED AND WILL BE FIELD DETERMINED.
REQUIRED MINIMUM DEPTHS ARE SHOWN HEREON PIPE TO MAINTAIN MIN. 2' CLEARANCE FROM UTILITIES AND EXISTING PIPELINES.

SHEET 1 OF 1

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 30'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: MOUND CREEK PERMIT
TRACT ID: TX-FB-063.100
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



TEXAS FIRM REGISTRATION NO. 10064300

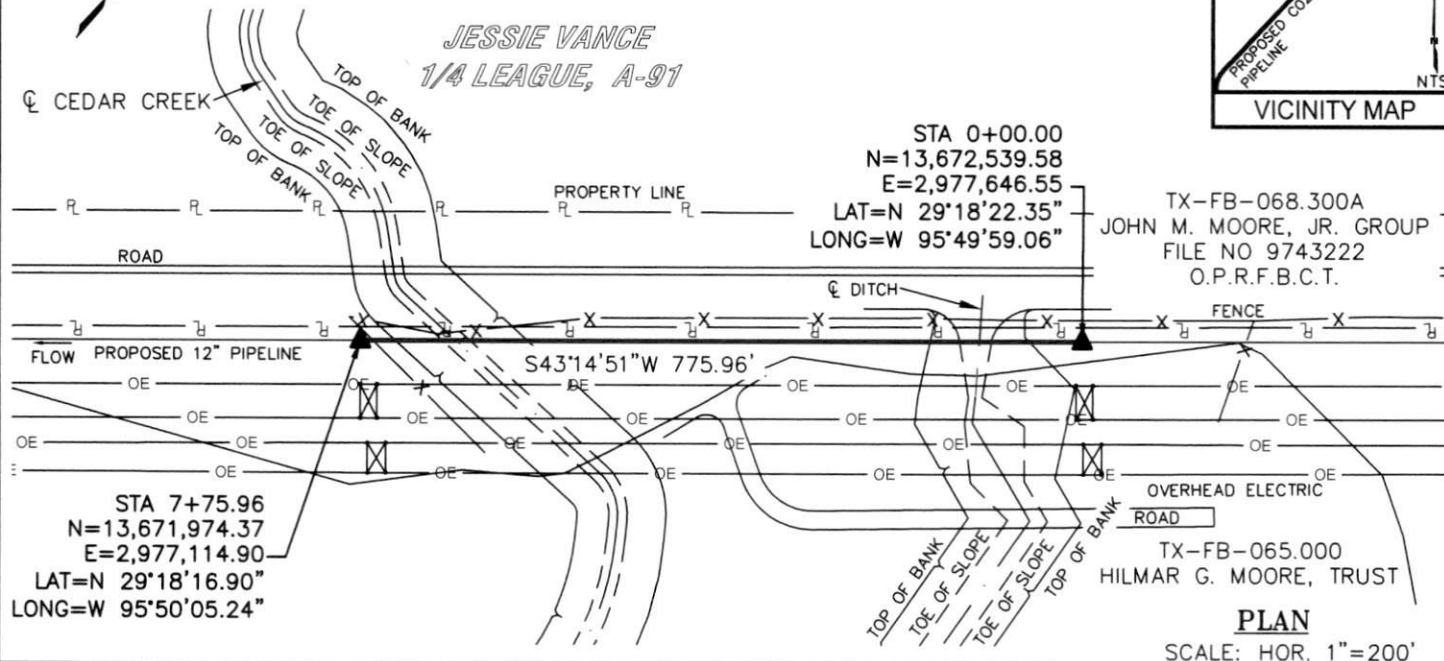
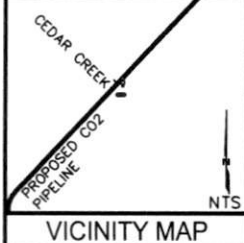
11111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

PROPOSED CO2 PIPELINE
CROSSING
MOUND CREEK
FORT BEND COUNTY,
TEXAS

Cedar Creek

FORT BEND COUNTY, TEXAS JESSIE VANCE 1/4 LEAGUE A-91

JESSIE VANCE
1/4 LEAGUE, A-91



TX-FB-068.300A
JOHN M. MOORE, JR. GROUP
FILE NO 9743222
O.P.R.F.B.C.T.

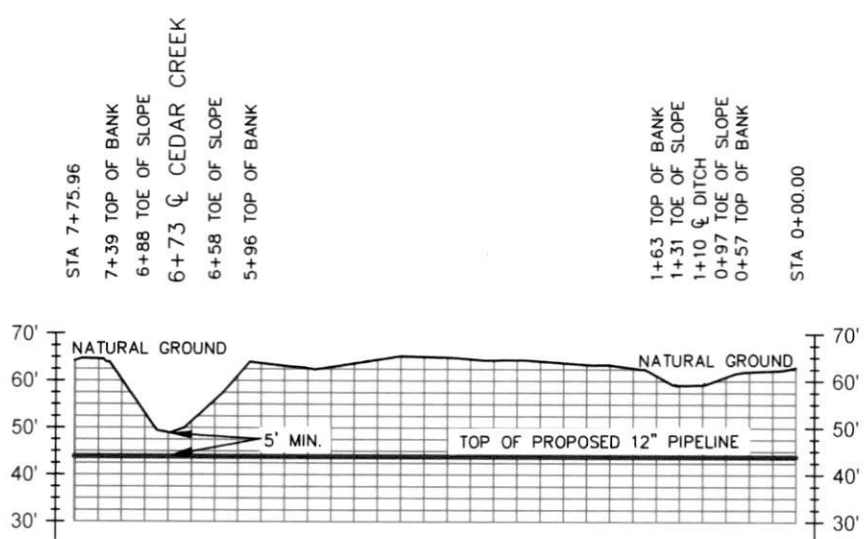
TX-FB-065.000
HILMAR G. MOORE, TRUST

PLAN

SCALE: HOR. 1"=200'

PROFILE

SCALE: HOR. 1"=200'
SCALE: VER. 1"=40'



NOTES

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SHEET 1 OF 1

P:\Petra Nova-NRG\Permit Nova\dwg\PERMIT DELIVERABLES\watercrossing\FORT_BEND\CEDAR_CREEK.dwg

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 200'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: CEDAR CREEK PERMIT
TRACT ID: TX-FB-065.000
FORT BEND COUNTY

**PETRA NOVA
TCV
PIPELINE, LLC**



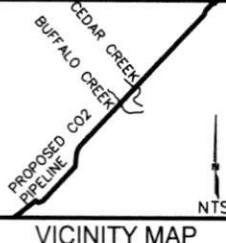
1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

TEXAS FIRM REGISTRATION NO. 10064300

PROPOSED CO2 PIPELINE
CROSSING
CEDAR CREEK
FORT BEND COUNTY,
TEXAS

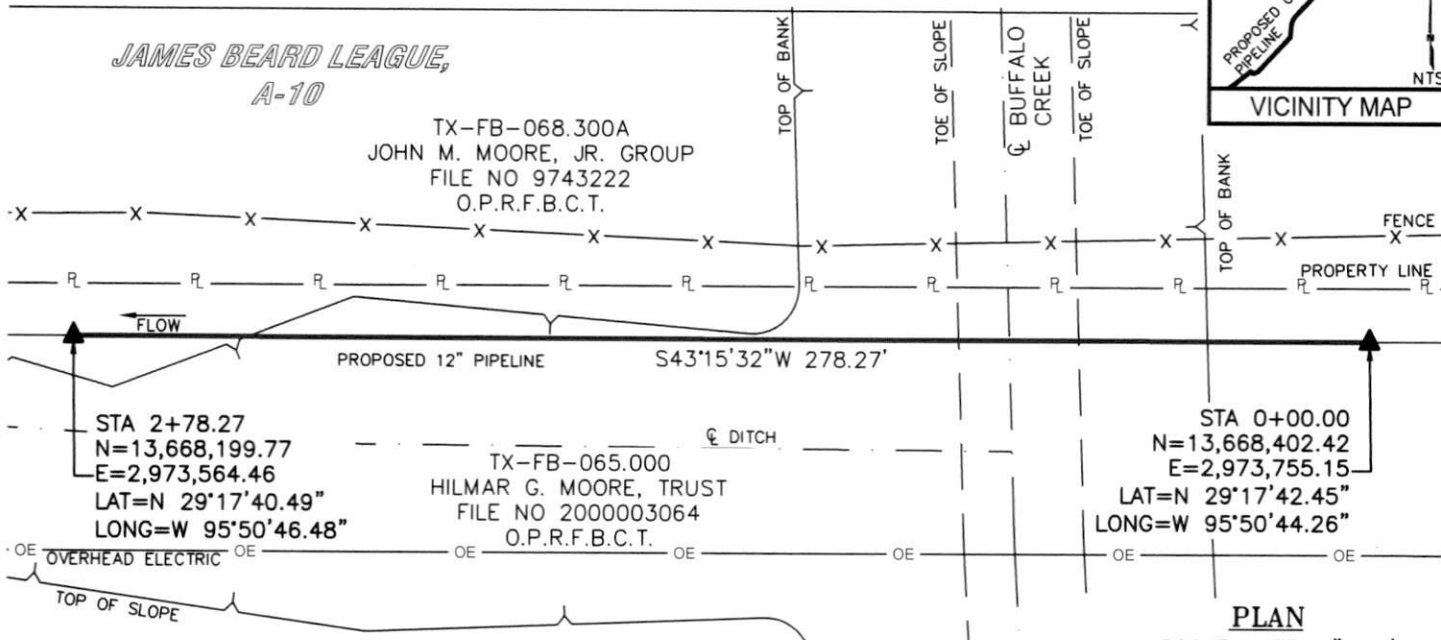
Buffalo Creek

FORT BEND COUNTY, TEXAS
JAMES BEARD LEAGUE A-10



JAMES BEARD LEAGUE,
A-10

TX-FB-068.300A
JOHN M. MOORE, JR. GROUP
FILE NO 9743222
O.P.R.F.B.C.T.



STA 2+78.27
N=13,668,199.77
E=2,973,564.46
LAT=N 29°17'40.49"
LONG=W 95°50'46.48"

TX-FB-065.000
HILMAR G. MOORE, TRUST
FILE NO 2000003064
O.P.R.F.B.C.T.

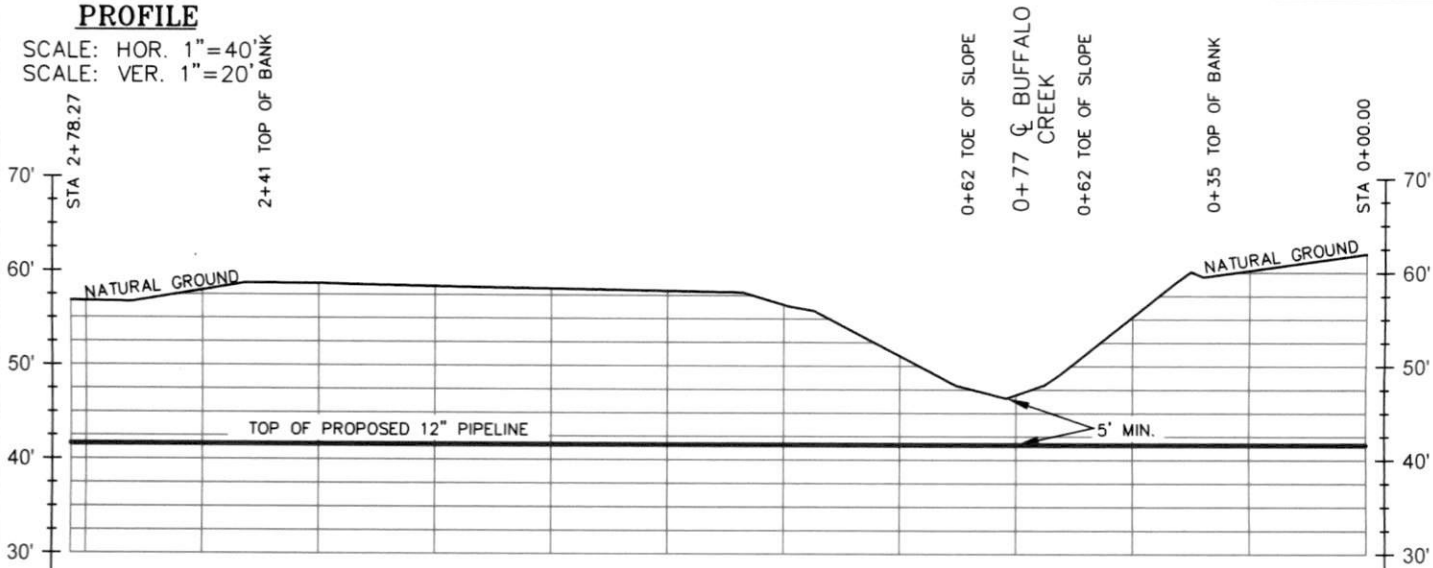
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N=13,668,402.42
E=2,973,755.15
LAT=N 29°17'42.45"
LONG=W 95°50'44.26"

PLAN

SCALE: HOR. 1"=40'

PROFILE

SCALE: HOR. 1"=40'
SCALE: VER. 1"=20'



NOTES

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SHEET 1 OF 1

FORT BEND COUNTY CREEK CROSSING
JOB NUMBER: 32007
DATE: 01/27/2015
SCALE: 1" = 40'
SURVEYOR: ROSS C. ANDRESS
TECHNICIAN: SMK
DRAWING: BUFFALO CREEK PERMIT
TRACT ID: TX-FB-065.000
FORT BEND COUNTY

PETRA NOVA
TCV
PIPELINE, LLC



1111 KATY FREEWAY, STE 200
HOUSTON, TEXAS 77079
(713) 973-5100
FAX: (713) 973-5150
EMAIL: SAM@SAM.BIZ

PROPOSED CO2 PIPELINE
CROSSING
BUFFALO CREEK
FORT BEND COUNTY,
TEXAS

TEXAS FIRM REGISTRATION NO. 10064300

P:\Petra Nova-NRG\Petra Nova\dwg\PERMIT DELIVERABLES\watercrossing\FORT_BEND_BUFFALO_CREEK.dwg