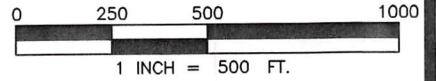


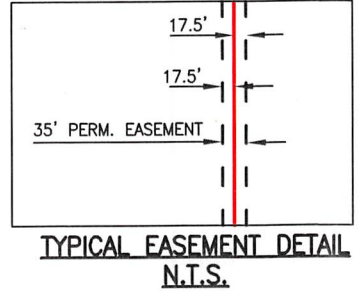
SECTION 35, T51N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

TOTAL DISTANCE ACROSS PROPERTY = 3460.05 FEET,
(209.70 RODS)
PERMANENT EASEMENT = 2.78 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S47°30'07"W	2,179.33'
L2	S87°45'00"W	86.87'
L3	S44°36'30"W	13.46'
L4	S89°39'39"W	283.42'
L5	S01°10'10"E	843.46'
L6	S02°11'47"E	209.53'
L7	N87°34'02"E	172.58'
L8	N89°10'42"E	328.50'
L9	N89°49'55"E	143.29'

LINE TABLE		
LINE	BEARING	LENGTH
L10	N87°34'19"E	88.04'
L11	N89°32'08"E	241.82'
L12	N89°02'19"E	572.24'
L13	N89°30'07"E	351.99'
L14	N88°48'07"E	124.85'
L15	S01°24'35"E	132.79'
L16	N88°53'11"E	2,640.00'
L17	N88°53'20"E	2,640.84'



P.O.C.
FOUND 1" STEEL ROD
6" UNDER GRAVEL
N1/4 COR SECTION 35

FOUND 3/4" IRON ROD
4" UNDER GRAVEL
NE COR SECTION 35

QEP-OYG-2.00
RICHARD SATTER AND
SUSAN JENSEN
NE 1/4
SECTION 35, T-151N, R-98W
DOC. # 419423
D.R.M.C.,ND

P.O.B.
N: 17,395,419.21
E: 2,083,685.94

P.O.T.
N: 17,394,385.29
E: 2,085,354.43

CENTER COR SECTION 35
NO MON. FOUND OR SET

FOUND 5/8" IRON ROD
3" UNDER GRAVEL
E1/4 COR SECTION 35

QEP-OYG-1.00
OASIS PETROLEUM, LLC
NW1/4 EXCEPT 2.52 ACRES
SECTION 35, T-151N, R-98W
DOC. # 476531
D.R.M.C.,ND

C/L 35' PERMANENT EASEMENT

ND HIGHWAY 1806

SECTION 34, T151N, R98W
SECTION 35, T151N, R98W

SECTION 35, T151N, R98W
SECTION 36, T151N, R98W

NOTES:

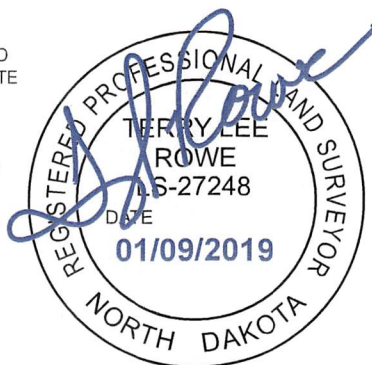
- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



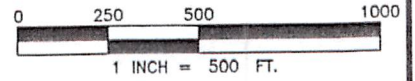
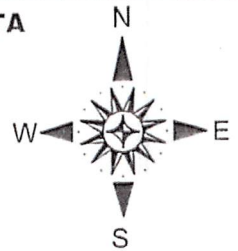
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
OASIS PETROLEUM, LLC
PREPARED FOR
ANDEAVOR

DATE:	REVISIONS
01/08/19	
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

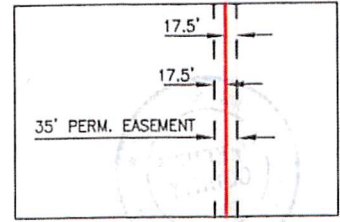
SECTION 35, T151N, R98W, McKENZIE COUNTY, NORTH DAKOTA

TOTAL DISTANCE ACROSS PROPERTY = 2640.11 FEET, (160.01 RODS)
PERMANENT EASEMENT = 2.12 ACRES

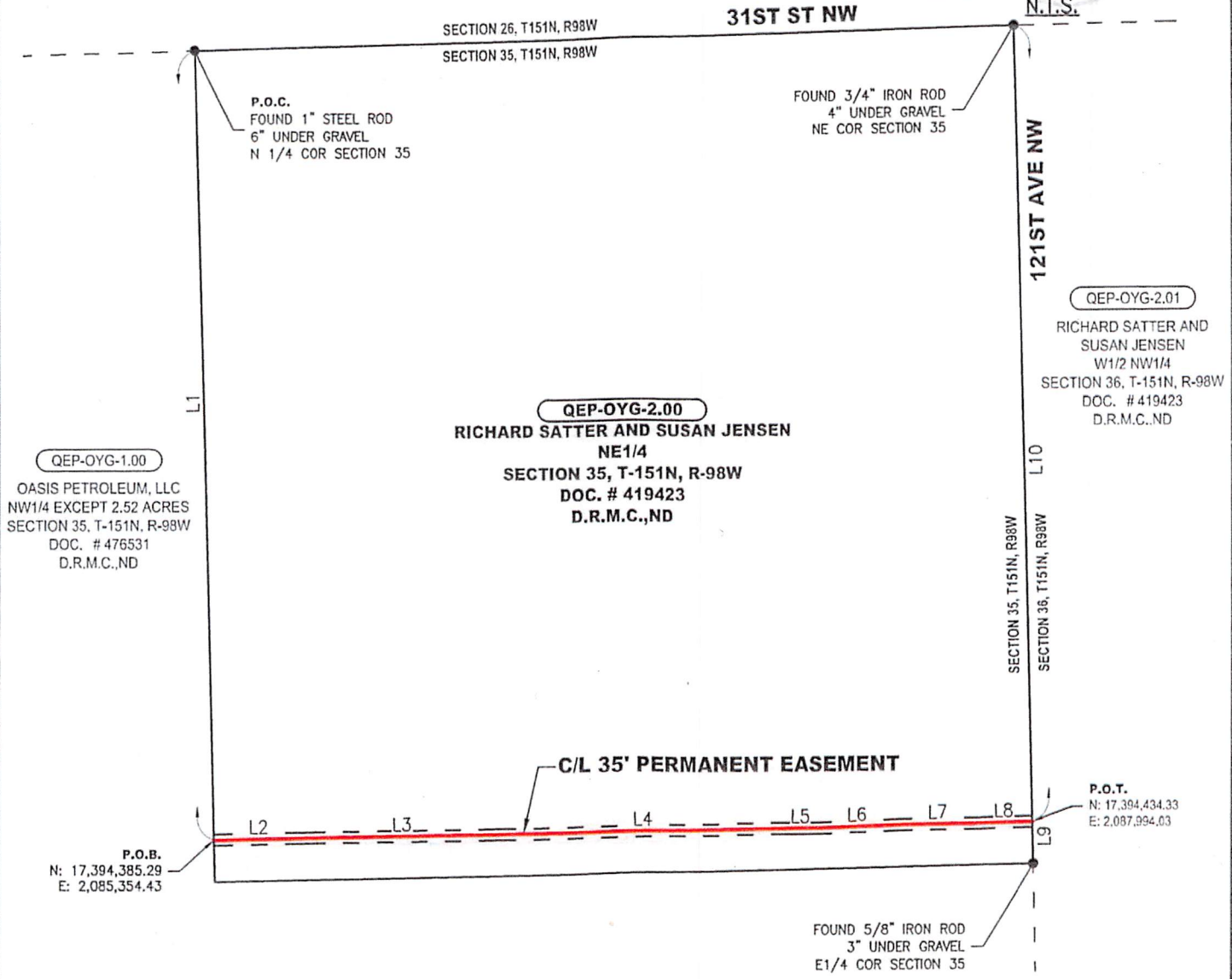


LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°24'35"E	2,506.96'
L2	N88°48'07"E	291.24'
L3	N89°09'22"E	631.48'
L4	N88°56'12"E	925.70'
L5	S89°52'39"E	88.81'

LINE TABLE		
LINE	BEARING	LENGTH
L6	N88°19'15"E	279.15'
L7	N89°13'08"E	241.36'
L8	N88°22'11"E	182.37'
L9	S01°23'29"E	130.52'
L10	N01°23'29"W	2,509.11'



County Recorder
McKenzie County
Watford City ND 58854



NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

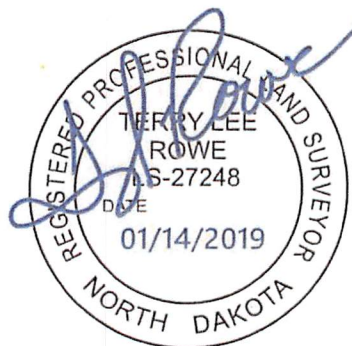
LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- - - C/L PERMANENT EASEMENT
- - - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



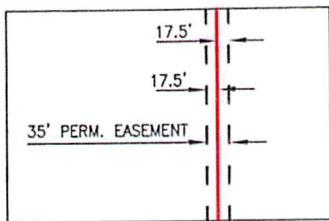
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
RICHARD SATTER AND SUSAN JENSEN
PREPARED FOR
ANDEAVOR

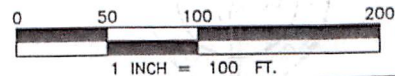
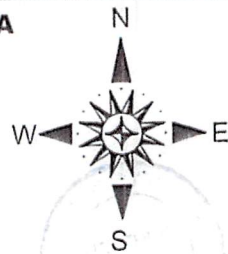
DATE: 01/08/19	REVISIONS
DRAWN BY: MJV	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 36, T151N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 383.09 FEET,
(23.22 RODS)
PERMANENT EASEMENT = 0.31 ACRE



TYPICAL EASEMENT DETAIL
N.T.S.

SECTION 25, T151N, R98W

31ST ST NW

SECTION 36, T151N, R98W

P.O.C.
FOUND 3/4" IRON ROD
4" UNDER GRAVEL
NW COR SECTION 36

QEP-OYG-2.01
**RICHARD SATTER AND
SUSAN JENSEN**
W1/2 NW1/4
SECTION 36, T-151N, R-98W
DOC. # 419423
D.R.M.C.,ND

LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°23'29"E	2,509.11'
L2	N88°22'11"E	158.59'
L3	S88°31'33"E	96.68'
L4	S03°14'26"E	91.99'
L5	S01°36'45"E	35.83'
L6	S88°55'28"W	258.26'
L7	S01°23'29"E	130.52'

QEP-OYG-2.00
RICHARD SATTER AND
SUSAN JENSEN
NE 1/4
SECTION 35, T-151N, R-98W
DOC. # 419423
D.R.M.C.,ND

P.O.B.
N: 17,394,434.33
E: 2,087,994.03

C/L 35' PERMANENT EASEMENT

FOUND 5/8" IRON ROD
3" UNDER GRAVEL
W1/4 COR SECTION 36

P.O.T.
N: 17,394,308.70
E: 2,088,255.41

QEP-OYG-3.00
DAVED ROLFSON AND JAN ROLFSON
SW 1/4
SECTION 36, T-151N, R-98W
DOC. # 449951
D.R.M.C.,ND

County Recorder
McKenzie County
Watford City ND 58854

519732

Page 5 of 6

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

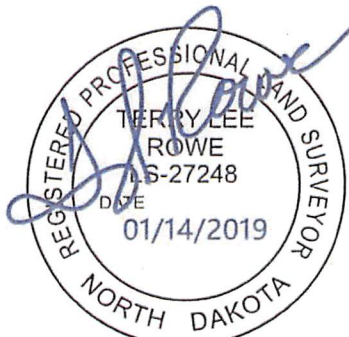
LEGEND

P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION
● MONUMENT

— SUBJECT TRACT LINE
— ADJOINER
- - - SECTION LINES
— C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



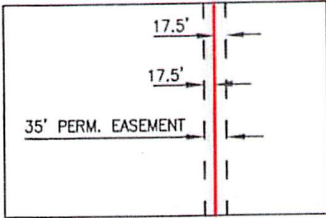
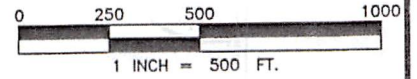
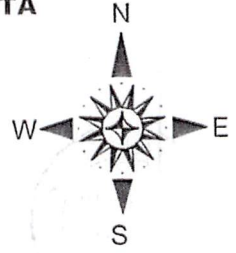
PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
RICHARD SATTER AND SUSAN JENSEN
PREPARED FOR
ANDEAVOR

DATE: 01/09/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 36, T151N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 2659.98 FEET,
(161.21 RODS)
PERMANENT EASEMENT = 2.14 ACRES

QEP-OYG-2.01

RICHARD SATTER AND SUSAN JENSEN
W1/2 NW1/4
SECTION 36, T-151N, R-98W
DOC. # 419423
D.R.M.C.,ND

P.O.C.
FOUND 5/8" IRON ROD
3" UNDER GRAVEL
W1/4 COR SECTION 36

P.O.B.
N: 17,394,308.70
E: 2,088,255.41

CENTER COR SECTION 36
NO MON. FOUND OR SET

LINE	BEARING	LENGTH
L1	N88°55'28"E	258.26'
L2	S01°36'45"E	43.99'
L3	S02°42'01"E	210.50'
L4	S03°16'47"E	631.50'
L5	S02°39'09"E	265.97'
L6	S31°06'34"E	42.79'
L7	S33°06'37"E	90.73'
L8	S00°02'26"W	186.00'
L9	S02°10'43"E	210.42'
L10	S01°17'02"E	421.05'
L11	S00°19'33"E	84.39'
L12	S01°45'05"E	347.88'
L13	S00°39'31"W	124.76'
L14	S88°53'36"W	352.55'

SECTION 35, T151N, R98W
SECTION 36, T151N, R98W
121ST AVE NW

C/L 35' PERMANENT EASEMENT

QEP-OYG-3.00

DAVED ROLFSON AND JAN ROLFSON
SW1/4
SECTION 36, T-151N, R-98W
DOC. # 449951
D.R.M.C.,ND

County Recorder
McKenzie County
Watford City ND 58854

520348

Page 5 of 6

S1/4 COR SECTION 36
NO MON. FOUND OR SET

TOWNSHIP 151 N, RANGE 98 W
TOWNSHIP 150 N, RANGE 98 W

30TH ST NW

FOUND IRON ROD
W/CAP
SW COR SECTION 36

P.O.T.
N: 17,391,671.60
E: 2,088,413.66

QEP-OYG-2.02

RICHARD SATTER AND SUSAN JENSEN
LOTS 1, 2, 3 AND 4, SE1/4 NE1/4, NE1/4 SE1/4, NW1/4
SE1/4, S1/2 SE1/4, NE1/4 SW1/4
SECTION 1, T-150N, R-98W
DOC. # 419423
D.R.M.C.,ND

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- SECTION CORNER
- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



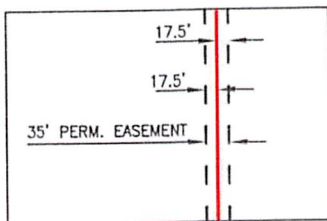
PERCHERON
PROFESSIONAL SERVICES, LLC
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
DAVED ROLFSON AND JAN ROLFSON
PREPARED FOR
ANDEAVOR

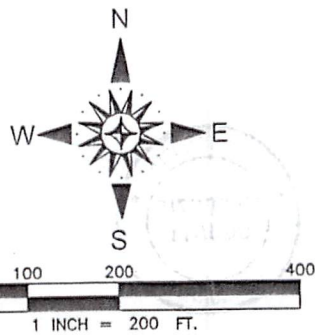
DATE: 01/08/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 1, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1409.48 FEET,
(85.42 RODS)
PERMANENT EASEMENT = 1.13 ACRES



QEP-OYG-3.00
DAVED OLFSON AND
JAN ROLFSON
SW1/4
SECTION 36, T-151N, R-98W
DOC. # 449951
D.R.M.C.,ND

P.O.C.
FOUND IRON ROD W/CAP
NW COR SECTION 1

30TH ST NW

SECTION 36, T151N, R98W
SECTION 1, T150N, R98W

P.O.B.
N: 17,391,671.60
E: 2,088,413.66

LINE TABLE		
LINE	BEARING	LENGTH
L1	N88°53'36"E	352.55'
L2	S00°39'31"W	86.65'
L3	S03°28'54"W	41.21'
L4	S87°21'59"W	93.55'
L5	S02°01'11"E	115.02'
L6	S01°19'33"E	294.35'
L7	S00°48'36"E	168.15'
L8	S01°18'40"E	546.98'
L9	S01°59'30"E	63.57'
L10	S88°53'29"W	251.30'
L11	S01°24'06"E	1,318.24'

121ST AVE NW

SECTION 2, T150N, R98W
SECTION 1, T150N, R98W

QEP-OYG-2.02
RICHARD SATTER AND
SUSAN JENSEN
LOTS 1, 2, 3 AND 4,
SE1/4 NE1/4, NE1/4 SE1/4,
NW1/4 SE1/4, S1/2 SE1/4, NE1/4 SW1/4
SECTION 1, T-150N, R-98W
DOC. # 419423
D.R.M.C.,ND

C/L 35' PERMANENT EASEMENT

N1/16 COR
NO MON. FOUND OR SET

P.O.T.
N: 17,390,351.80
E: 2,088,344.67

L10

QEP-OYG-4.00

THORAL C. AND PATRICIA K. SAX
NW 1/4 SW 1/4, SW 1/4 NE 1/4, S1/2 NW 1/4
SECTION 1, T-150N, R-98W
DOC. # 310336
D.R.M.C.,ND

FOUND 1" STEEL ROD
W1/4 COR SECTION 1

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

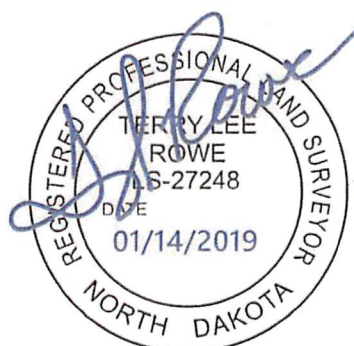
LEGEND

P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION
● MONUMENT

— SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- - - C/L PERMANENT EASEMENT
- x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL
SERVICES, L.L.C.

1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
RICHARD SATTER AND SUSAN JENSEN
PREPARED FOR
ANDEAVOR

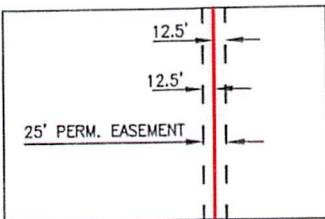
DATE:	REVISIONS
01/08/19	
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

519734

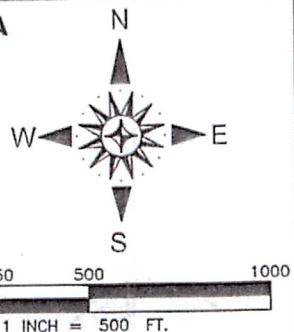
Page 5 of 6

County Recorder
McKenzie County
Watford City ND 58854

SECTION 1, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2667.16 FEET,
(161.65 RODS)
PERMANENT EASEMENT = 1.53 ACRES



N1/16 COR.
NO MON. FOUND OR SET

P.O.B.
N: 17,390,351.80
E: 2,088,344.67

QEP-OYG-2.02

RICHARD SATTER AND SUSAN JENSEN
LOTS 1, 2, 3 AND 4, SE1/4 NE1/4, NE1/4
SE1/4, NW1/4 SE1/4, S1/2 SE1/4, NE1/4 SW1/4
SECTION 1, T-150N, R-98W
DOC. # 419423
D.R.M.C.,ND

121ST AVE NW

QEP-OYG-4.00

THORAL C. SAX AND
PATRICIA K. SAX
NW1/4 SW1/4, SW1/4 NE1/4,
S1/2 NW1/4
SECTION 1, T-150N, R-98W
DOC. # 310336
D.R.M.C.,ND

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°24'06"W	1,318.24'
L2	N88°53'29"E	251.30'
L3	S01°59'30"E	146.46'
L4	S00°26'35"E	168.22'
L5	S01°06'34"E	126.16'
L6	S03°53'35"E	52.99'
L7	S00°23'08"E	120.51'
L8	S43°23'45"W	109.24'
L9	S00°03'00"E	15.62'
L10	S01°12'56"E	123.33'
L11	S02°02'42"E	470.75'
L12	S00°07'44"W	178.69'
L13	S01°06'17"E	84.04'
L14	S01°47'24"E	336.53'
L15	S00°57'35"E	210.34'
L16	S01°41'36"E	378.22'
L17	S00°21'32"E	127.69'
L18	S01°43'12"E	18.38'
L19	S88°49'21"W	171.18'
L20	S01°26'49"E	1,317.57'
L21	S01°26'49"E	1,317.57'

C/L 25' PERMANENT EASEMENT

P.O.C.
FOUND IRON ROD
W/CAP
W 1/4 COR SECTION 1

P.O.T.
N: 17,387,715.46
E: 2,088,330.07

QEP-OYG-5.00

ALLEN JOHNSON AS TRUSTEE OF THE ALLEN JOHNSON
REVOCABLE TRUST, U.D.T. APRIL 24, 2002
S1/2 SW1/4
SECTION 1, T-150N, R-98W
DOC. # 342317
D.R.M.C.,ND

S1/16 COR.
NO MON. FOUND OR SET

FOUND 5/8" IRON ROD
W/CAP
SW COR SECTION 1

519736

Page 5 of 6

County Recorder
McKenzie County
Watford City ND 58854

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L. ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N., SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
THORAL C. SAX AND PATRICIA K. SAX
PREPARED FOR
ANDEAVOR

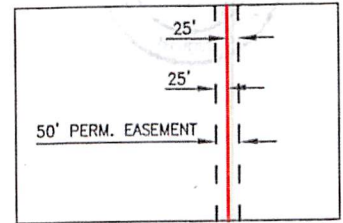
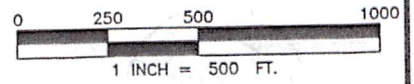
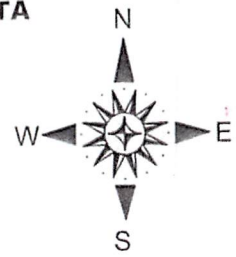
DATE: 01/08/19	REVISIONS
DRAWN BY: MJV	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 1, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA

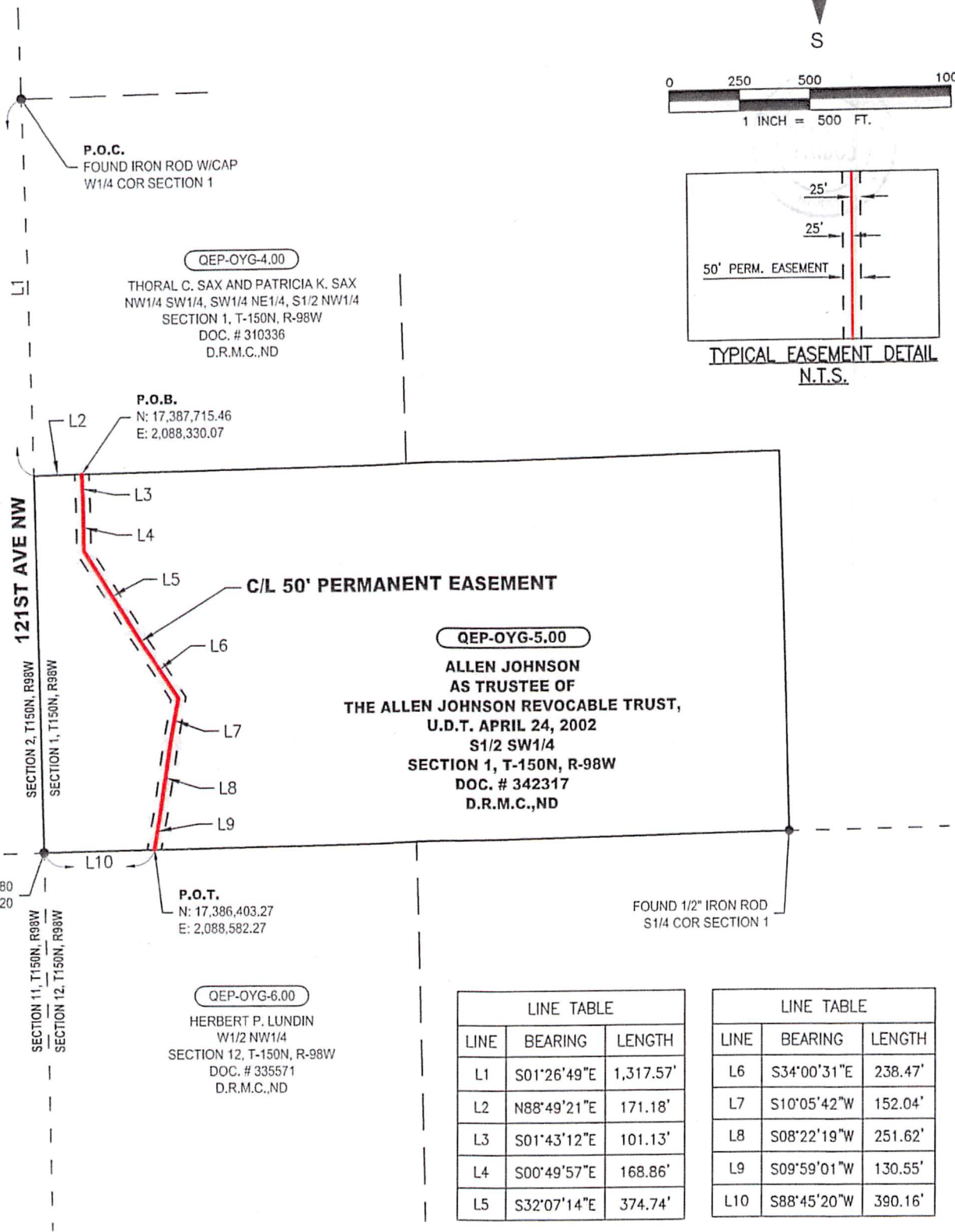
519737
Page 5 of 6

TOTAL DISTANCE ACROSS PROPERTY = 1417.41 FEET,
(85.90 RODS)
PERMANENT EASEMENT = 1.63 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

County Recorder
McKenzie County
Watford City ND 58854



LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°26'49"E	1,317.57'
L2	N88°49'21"E	171.18'
L3	S01°43'12"E	101.13'
L4	S00°49'57"E	168.86'
L5	S32°07'14"E	374.74'

LINE TABLE		
LINE	BEARING	LENGTH
L6	S34°00'31"E	238.47'
L7	S10°05'42"W	152.04'
L8	S08°22'19"W	251.62'
L9	S09°59'01"W	130.55'
L10	S88°45'20"W	390.16'

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION
I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



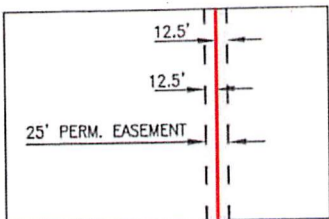
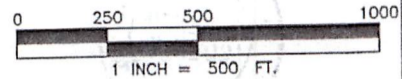
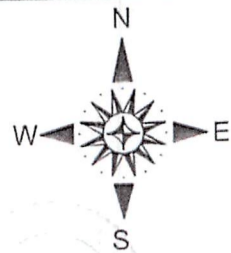
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT ALLEN JOHNSON PREPARED FOR ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 12, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2749.04 FEET,
(166.61 RODS)
PERMANENT EASEMENT = 1.58 ACRES

QEP-OYG-5.00

ALLEN JOHNSON AS TRUSTEE OF THE
ALLEN JOHNSON REVOCABLE TRUST,
U.D.T. APRIL 24, 2002
S1/2 SW1/4
SECTION 1, T-150N, R-98W
DOC. # 342317
D.R.M.C.,ND

FOUND 1/2" IRON ROD
N 1/4 COR SECTION 12

P.O.C.
FOUND 5/8" IRON ROD
W/CAP
NW COR SECTION 12

P.O.B.
N: 17,386,403.27
E: 2,088,582.27

SECTION 1, T150N, R98W
L21

SECTION 12, T150N, R98W

W1/16 COR.
NO MON. FOUND OR SET

QEP-OYG-6.00

HERBERT P. LUNDIN
W1/2 NW1/4
SECTION 12, T-150N, R-98W
DOC. # 335571
D.R.M.C.,ND

LINE TABLE

LINE	BEARING	LENGTH
L1	N88°45'20"E	390.16'
L2	S09°59'01"W	41.15'
L3	S08°32'57"W	78.34'
L4	S89°22'20"W	75.96'
L5	S00°47'54"E	203.84'
L6	S01°39'07"E	126.15'
L7	S00°54'45"W	48.42'
L8	S03°41'55"E	35.82'
L9	S01°21'44"E	126.24'
L10	S00°58'55"E	294.22'
L11	S02°00'36"E	361.48'
L12	S03°51'47"E	89.07'
L13	S54°37'22"W	81.61'
L14	S01°42'33"E	174.52'
L15	S00°35'08"E	463.01'
L16	S01°31'13"E	168.33'
L17	S00°53'55"E	380.87'
L18	S88°55'26"W	218.45'
L19	S01°25'30"E	2,633.63'
L20	N01°25'30"W	2,633.63'
L21	N88°45'20"E	928.69'
L22	N88°45'20"E	1,318.86'

121ST AVE NW

SECTION 11, T150N, R98W
SECTION 12, T150N, R98W

C/L 25' PERMANENT
EASEMENT

W 1/4 COR SECTION 12
NO MON. FOUND OR SET

P.O.T.
N: 17,383,766.08
E: 2,088,476.11

QEP-OYG-6.50

HERBERT P. LUNDIN
SW1/4
SECTION 12, T-150N, R-98W
DOC. # 335571
D.R.M.C.,ND

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL
SERVICES, L.L.C
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
HERBERT P. LUNDIN
PREPARED FOR
ANDEAVOR

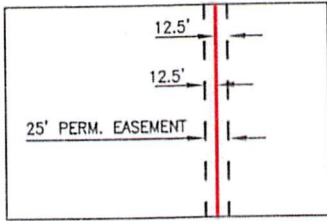
DATE: 01/09/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

519738

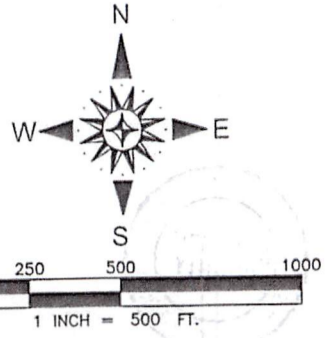
Page 5 of 6

County Recorder
McKenzie County
Watford City ND 58854

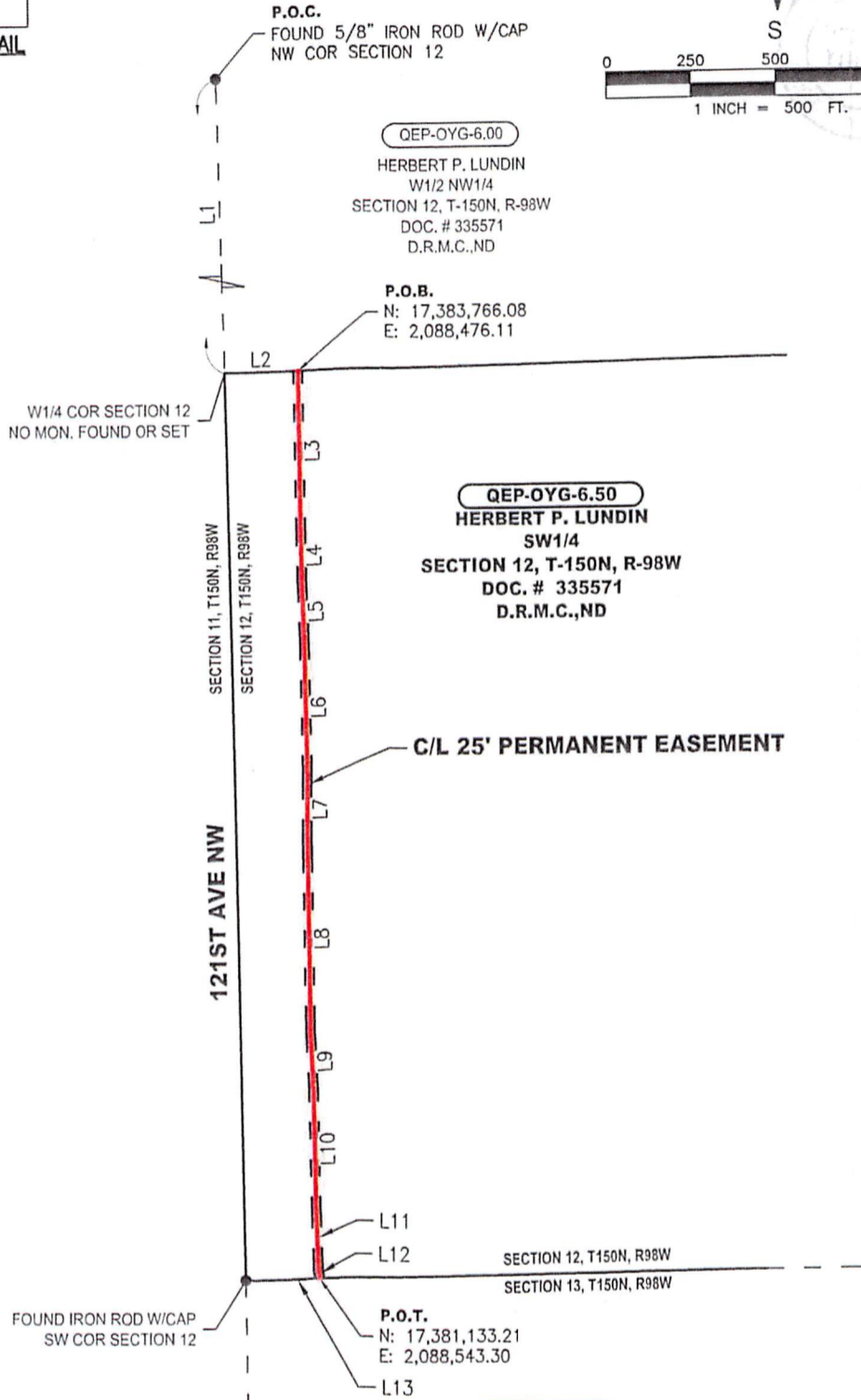
SECTION 12, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2634.23 FEET,
(159.65 RODS)
PERMANENT EASEMENT = 1.51 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°25'30"E	2,633.63'
L2	N88°55'26"E	218.45'
L3	S00°53'55"E	460.73'
L4	S01°19'40"E	148.19'
L5	S02°19'05"E	177.72'
L6	S01°16'55"E	378.92'
L7	S00°11'31"E	210.48'
L8	S01°06'16"E	543.88'
L9	S03°17'30"E	168.33'
L10	S01°29'48"E	336.63'
L11	S02°03'56"E	183.00'
L12	S10°06'02"E	26.34'
L13	S88°56'41"W	220.14'



519740
Page 5 of 6

County Recorder
McKenzie County
Watford City ND 58854

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

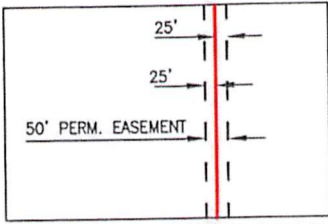


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

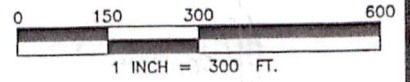
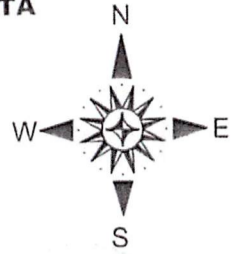
Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
HERBERT P. LUNDIN
PREPARED FOR
ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 13, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1421.25 FEET,
(86.14 RODS)
PERMANENT EASEMENT = 1.63 ACRES



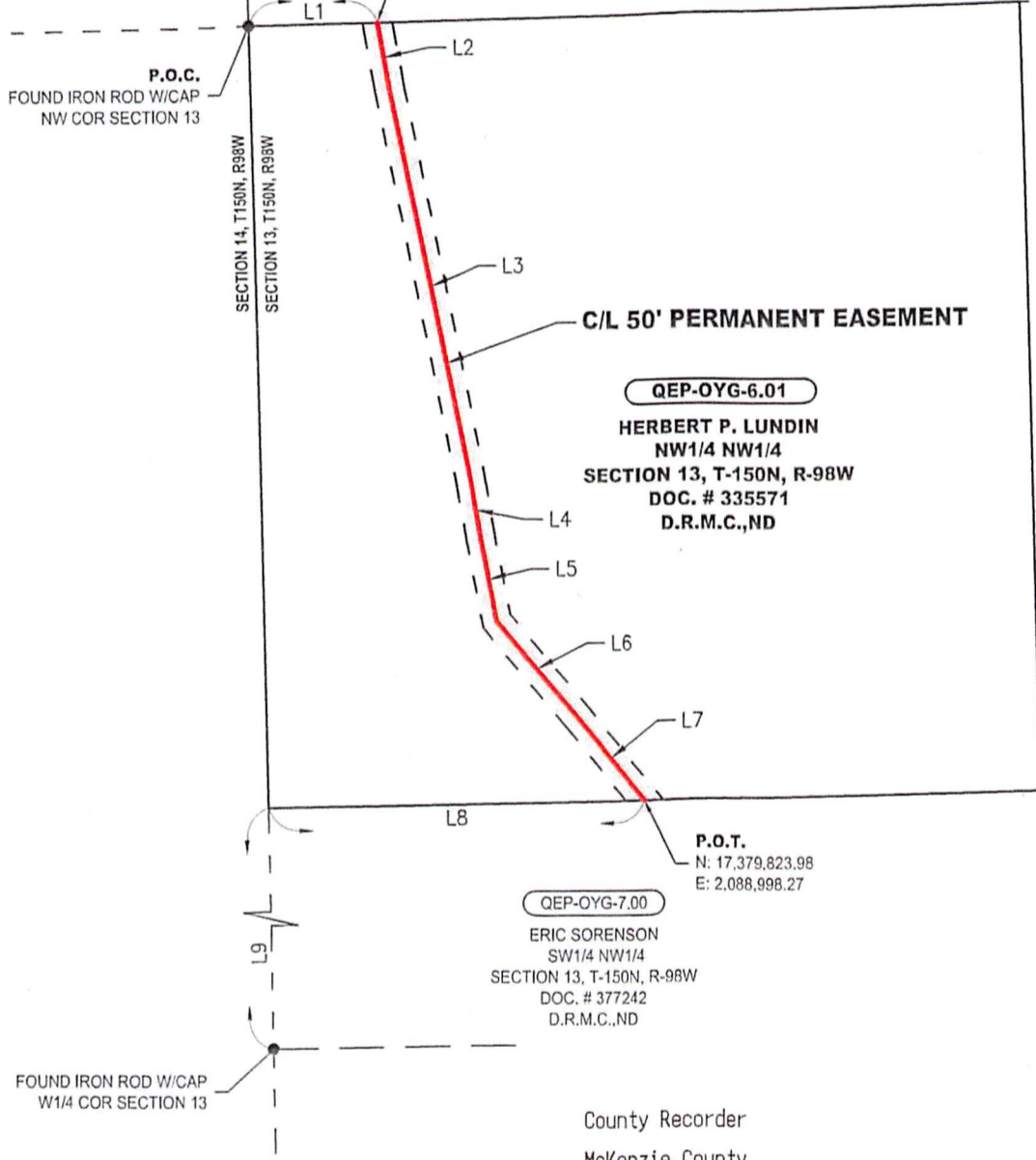
QEP-OYG-6.50

HERBERT P. LUNDIN
SW1/4
SECTION 12, T-150N, R-98W
DOC. # 335571
D.R.M.C.,ND

P.O.B.
N: 17,381,133.21
E: 2,088,543.30

P.O.C.
FOUND IRON ROD W/CAP
NW COR SECTION 13

SECTION 11, T150N, R98W
SECTION 12, T150N, R98W
SECTION 14, T150N, R98W
SECTION 13, T150N, R98W



QEP-OYG-6.01

HERBERT P. LUNDIN
NW1/4 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 335571
D.R.M.C.,ND

P.O.T.
N: 17,379,823.98
E: 2,088,998.27

QEP-OYG-7.00

ERIC SORENSON
SW1/4 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 377242
D.R.M.C.,ND

FOUND IRON ROD W/CAP
W1/4 COR SECTION 13

LINE TABLE		
LINE	BEARING	LENGTH
L1	N88°56'41"E	220.14'
L2	S10°06'02"E	118.80'
L3	S11°42'28"E	669.90'
L4	S10°10'00"E	96.03'
L5	S11°20'57"E	141.14'
L6	S40°16'59"E	211.68'
L7	S39°24'19"E	183.70'
L8	S88°58'26"W	642.71'
L9	S01°23'48"E	1,318.65'

County Recorder
McKenzie County
Watford City ND 58854

519739

Page 5 of 6

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- SECTION CORNER
- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



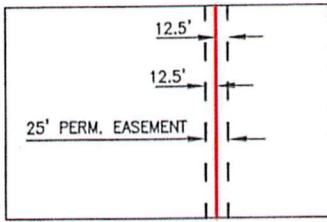
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
HERBERT P. LUNDIN
PREPARED FOR
ANDEAVOR

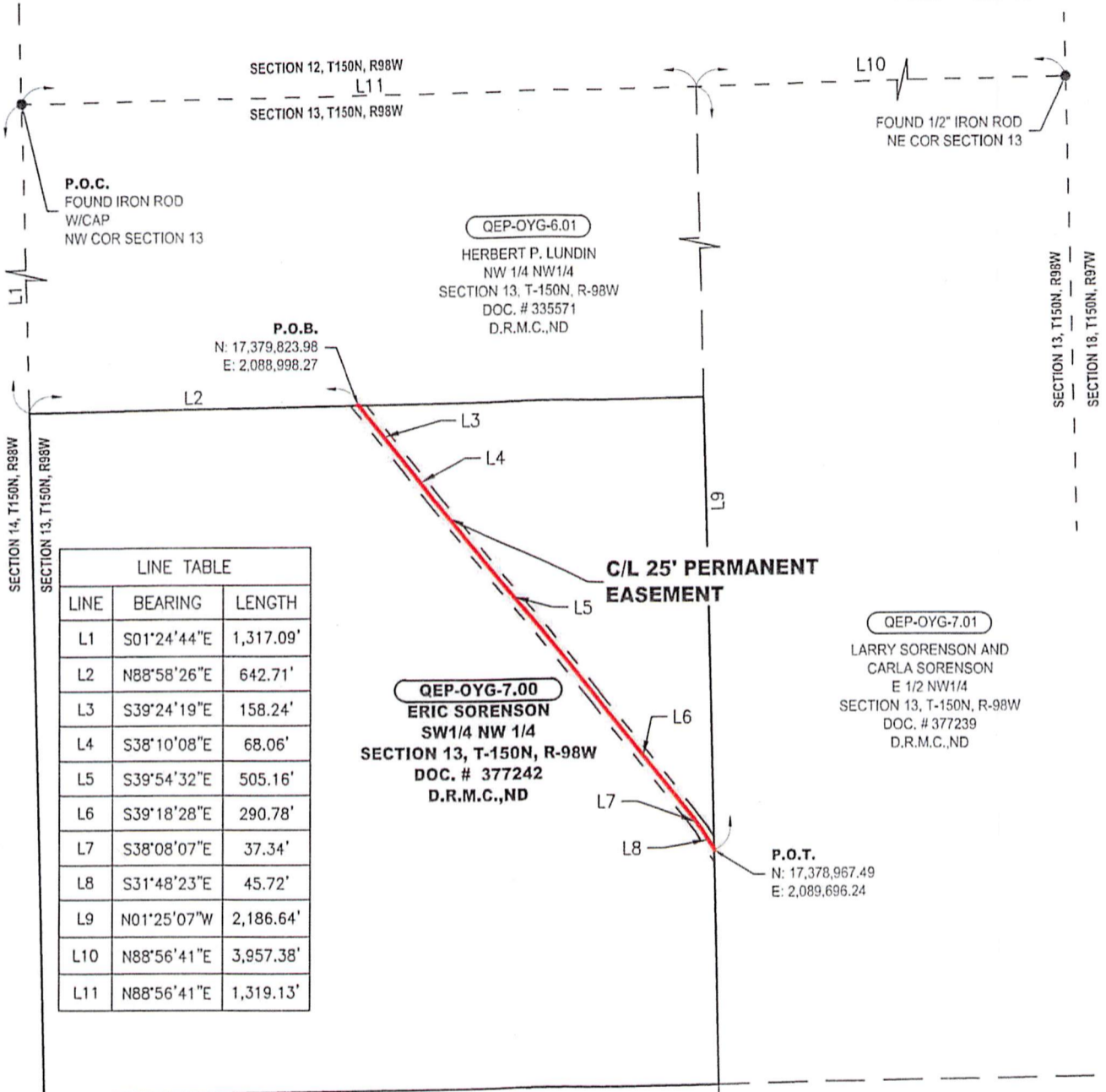
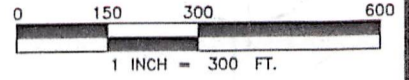
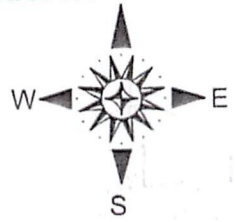
DATE: 01/09/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 13, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1105.31 FEET,
(66.99 RODS)
PERMANENT EASEMENT = 0.63 ACRE



LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°24'44"E	1,317.09'
L2	N88°58'26"E	642.71'
L3	S39°24'19"E	158.24'
L4	S38°10'08"E	68.06'
L5	S39°54'32"E	505.16'
L6	S39°18'28"E	290.78'
L7	S38°08'07"E	37.34'
L8	S31°48'23"E	45.72'
L9	N01°25'07"W	2,186.64'
L10	N88°56'41"E	3,957.38'
L11	N88°56'41"E	1,319.13'

County Recorder
McKenzie County
Watford City ND 58854

519741

Page 5 of 6

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

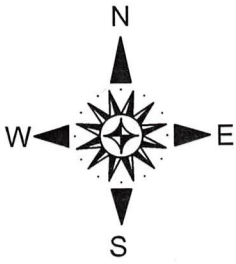


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

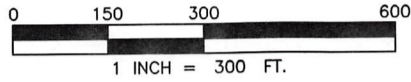
Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
ERIC SORENSON
PREPARED FOR ANDEAVOR

DATE: 01/10/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 13, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 459.77 FEET,
(27.87 RODS)
PERMANENT EASEMENT = 0.26 ACRE



SECTION 12, T150N, R98W
SECTION 13, T150N, R98W

P.O.C.
FOUND IRON ROD
W/CAP
NW COR SECTION 13

QEP-OYG-6.01

HERBERT P. LUNDIN
NW1/4 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 335571
D.R.M.C.,ND

QEP-OYG-7.01

LARRY SORENSON AND CARLA SORENSON
E1/2 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 377239
D.R.M.C.,ND

N1/16 COR
SECTION 13
NO MON.
FOUND OR SET

NW1/16 COR
SECTION 13
NO MON.
FOUND OR SET

QEP-OYG-7.00

ERIC SORENSON
SW1/4 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 377242
D.R.M.C.,ND

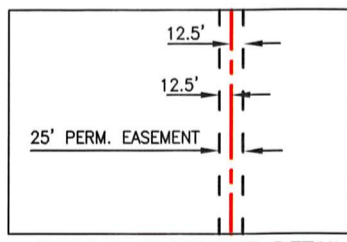
LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°24'16"E	1,317.87'
L2	N88°56'24"E	1,319.54'
L3	N01°25'21"W	869.13'
L4	S31°48'23"E	77.14'
L5	S01°26'35"E	382.34'
L6	N88°56'07"E	1,359.11'

P.O.B.
N: 17,378,967.24
E: 2,089,696.40

25' PERMANENT EASEMENT

P.O.C.
FOUND IRON ROD W/ CAP
W1/4 SECTION 13

P.O.T.
N: 17,378,519.47
E: 2,089,746.68



TYPICAL EASEMENT DETAIL
N.T.S.

QEP-OYG-7.02

LARRY SORENSON AND CARLA SORENSON
NE1/4 SW1/4
SECTION 13, T-150N, R-98W
DOC. # 377239
D.R.M.C.,ND

NOTES:

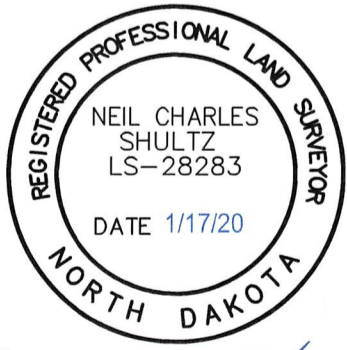
1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13, NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - SECTION LINES
- - - C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PROPOSED EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF REVISION PREPARED ON 01/17/20.



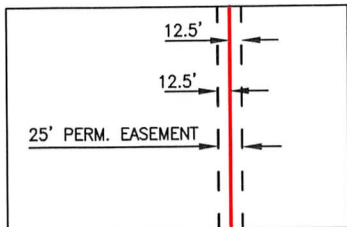
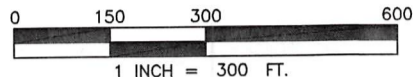
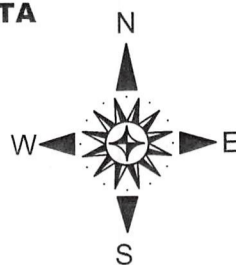
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE TRANSFER
EXHIBIT "A"
0.26 ACRE
PERMANENT EASEMENT
LARRY AND CARLA SORENSON
PREPARED FOR
ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: NAH	01/17/20
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 13, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 1315.56 FEET,
(79.73 RODS)
PERMANENT EASEMENT = 0.76 ACRES

QEP-OYG-7.01
LARRY SORENSON AND CARLA SORENSON
E1/2 NW1/4
SECTION 13, T-150N, R-98W
DOC. # 377239
D.R.M.C.,ND

P.O.B.
N: 17,378,519.47
E: 2,089,746.68

P.O.C.
FOUND IRON ROD W/CAP
W1/4 COR SECTION 13

CENTER COR SECTION 13
NO MON. FOUND OR SET

QEP-OYG-7.02
LARRY SORENSON AND
CARLA SORENSON
NE1/4 SW1/4
SECTION 13, T-150N, R-98W
DOC. # 377239
D.R.M.C.,ND

C/L 25' PERMANENT EASEMENT

S1/16 CORNER
SECTION 13
NO MON.
FOUND OR SET

QEP-OYG-7.03
LARRY SORENSON AND CARLA SORENSON
82.0 ACRES LYING IN THE SE1/4 SW1/4, SW1/4
SE1/4, AND THE SE1/4 SE1/4 NORTH OF THE
STATE RIGHT OF WAY LINE OF HIGHWAY NO. 23
SECTION 13, T-150N, R-98W
DOC. # 377239
D.R.M.C.,ND

P.O.T.
N: 17,377,204.34
E: 2,089,778.85

FOUND IRON ROD W/CAP
SE COR SECTION 13

SECTION 13, T150N, R98W
SECTION 24, T150N, R98W

LINE TABLE		
LINE	BEARING	LENGTH
L1	N88°56'07"E	1,359.11'
L2	S01°26'35"E	381.42'
L3	S01°01'20"E	168.23'
L4	S02°26'51"E	105.73'
L5	S01°25'57"E	254.68'
L6	S01°13'35"E	405.50'
L7	N88°54'08"E	1,281.18'
L8	N88°59'27"E	2,638.17'
L9	S01°25'59"E	1,317.36'

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS


LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- SECTION CORNER
- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x x BARBED WIRE FENCE
- EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018





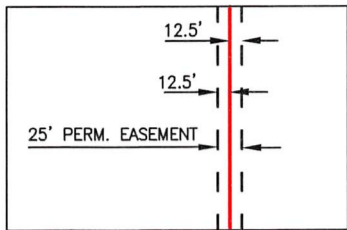
PERCHERON
PROFESSIONAL
SERVICES, L L C
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
LARRY SORENSON AND CARLA SORENSON
PREPARED FOR
ANDEAVOR

DATE: 01/09/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

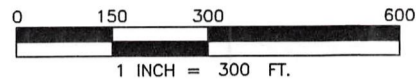
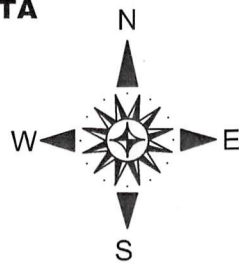
SHEET 1 OF 1

SECTION 13, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

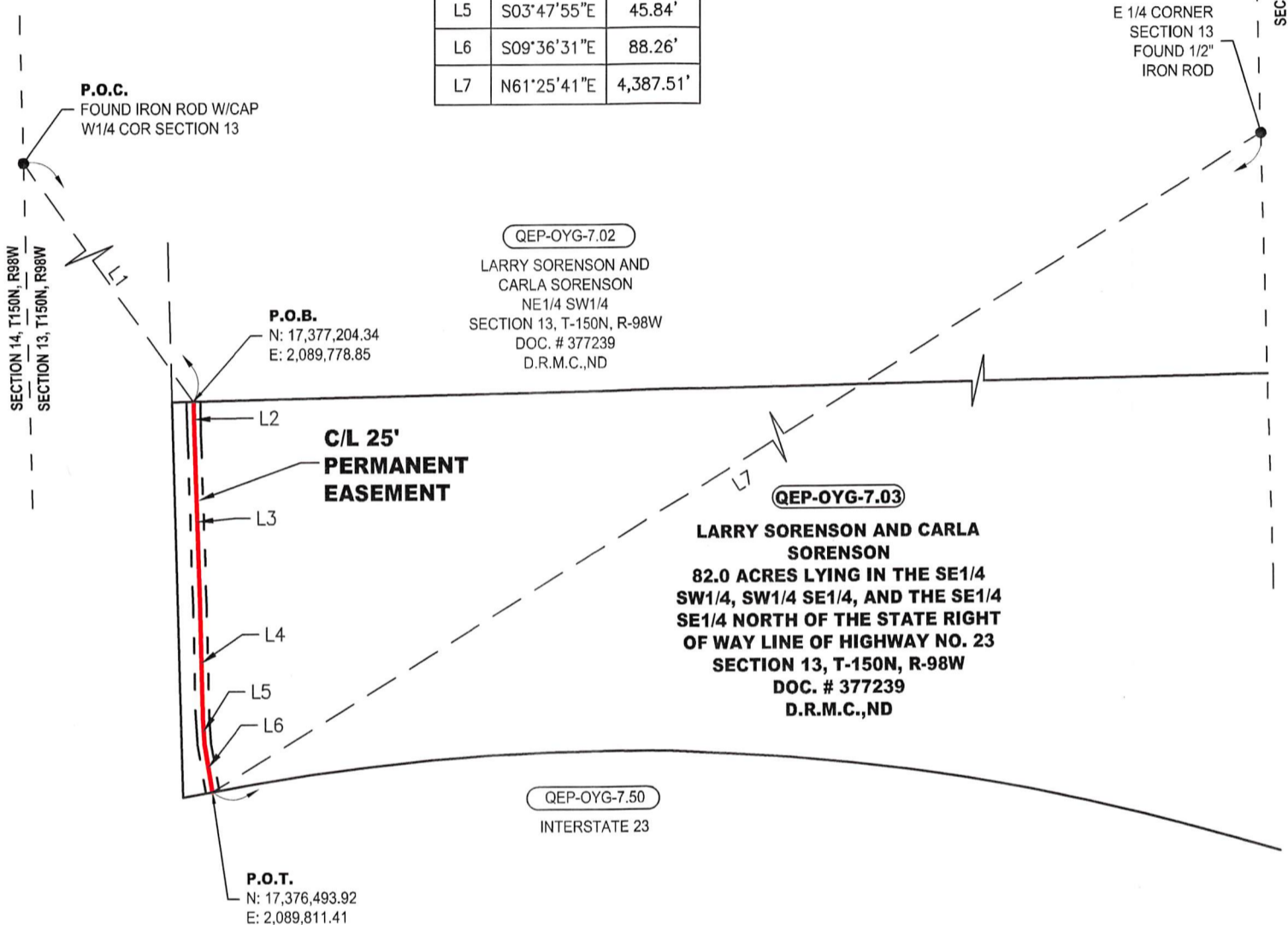


**TYPICAL EASEMENT DETAIL
N.T.S.**

TOTAL DISTANCE ACROSS PROPERTY = 711.95 FEET,
(43.15 RODS)
PERMANENT EASEMENT = 0.41 ACRE



LINE TABLE		
LINE	BEARING	LENGTH
L1	S47°09'40"E	1,897.05'
L2	S01°13'35"E	63.39'
L3	S01°43'58"E	310.20'
L4	S01°08'20"E	204.26'
L5	S03°47'55"E	45.84'
L6	S09°36'31"E	88.26'
L7	N61°25'41"E	4,387.51'



NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- SECTION CORNER
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



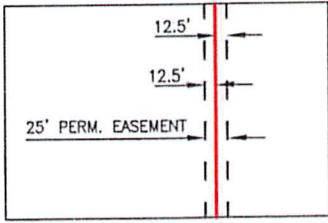
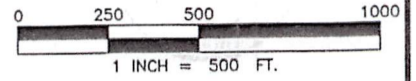
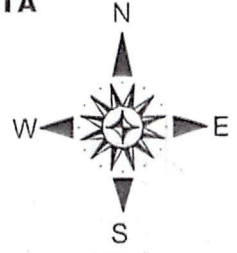
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
LARRY SORENSON AND CARLA SORENSON
PREPARED FOR
ANDEAVOR

DATE: 04/04/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

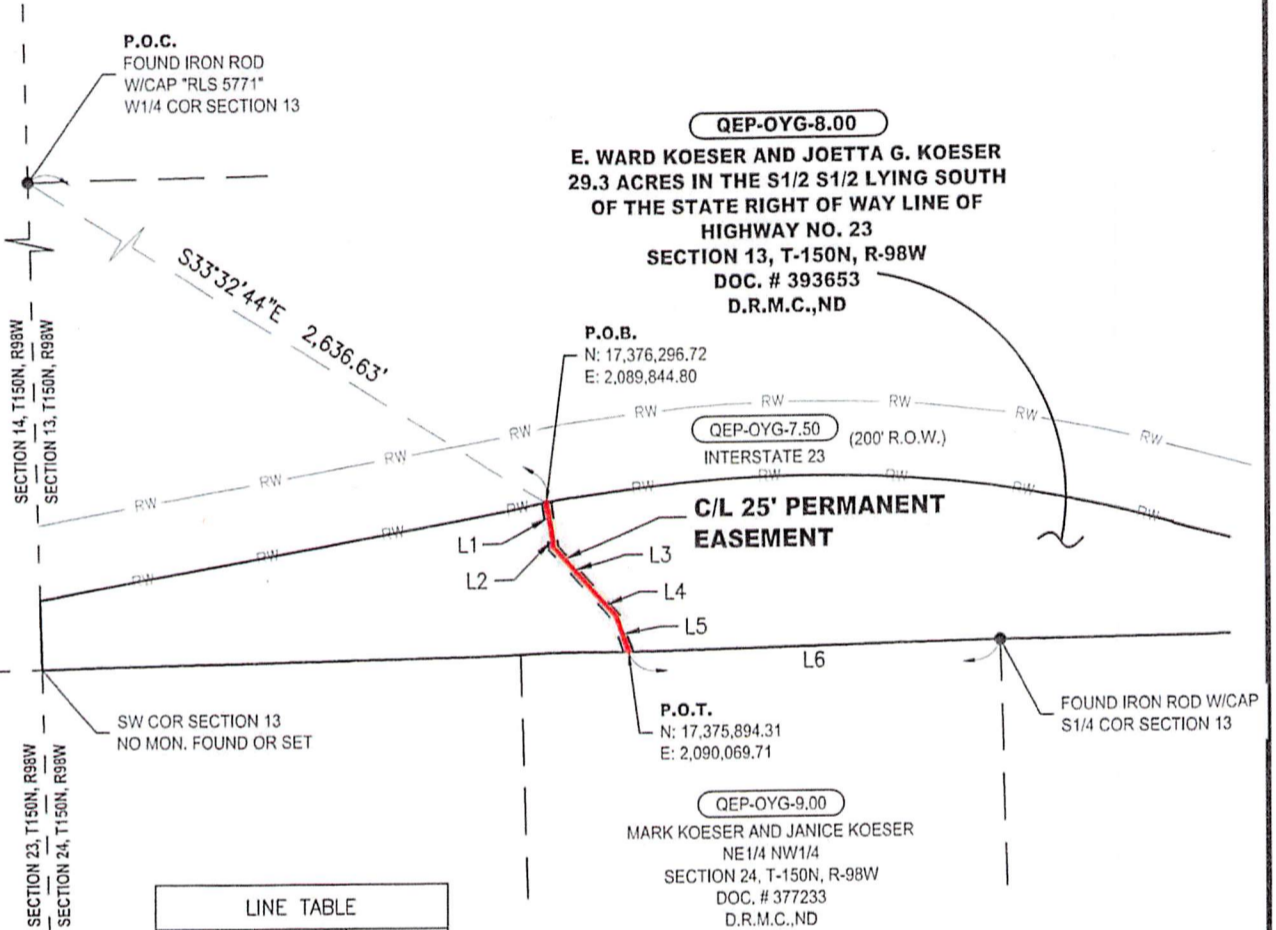
SHEET 1 OF 1

SECTION 13, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 476.84 FEET,
(28.90 RODS)
PERMANENT EASEMENT = 0.27 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S09°36'31\"E	79.15'
L2	S07°34'32\"E	44.22'
L3	S42°14'44\"E	167.33'
L4	S43°26'33\"E	84.63'
L5	S20°16'47\"E	101.51'
L6	N88°52'10\"E	1,023.16'

County Recorder
McKenzie County
Watford City ND 58854

519742

Page 5 of 6

NOTES:

- THE BEARINGS, AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- SECTION CORNER
- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



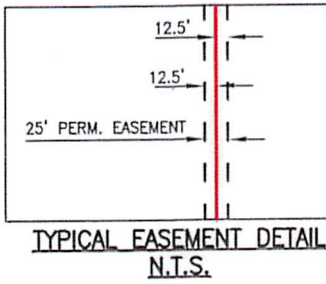
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
E. WARD KOESER AND JOETTA G. KOESER
PREPARED FOR
ANDEAVOR

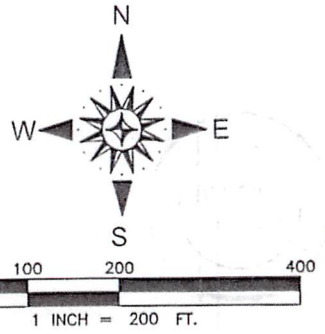
DATE: 01/10/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 24, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1093.48 FEET,
(66.27 RODS)
PERMANENT EASEMENT = 0.63 ACRES



QEP-OYG-8.00
E. WARD KOESER AND
JOETTA G. KOESER
29.3 ACRES IN THE S1/2 S1/2 LYING
SOUTH OF THE STATE RIGHT OF WAY
LINE OF HIGHWAY NO. 23 SECTION 13,
T-150N, R-98W
DOC. # 393653
D.R.M.C.,ND

P.O.C.
FOUND IRON ROD W/ CAP
N1/4 COR SECTION 24

W1/16 COR
NO MON. FOUND OR SET

L1
SECTION 13, T150N, R98W
SECTION 24, T150N, R98W

P.O.B.
N: 17,375,894.31
E: 2,090,069.71

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°52'10"W	1,023.16'
L2	S20°16'47"E	397.20'
L3	S35°35'02"W	156.10'
L4	S36°18'23"W	540.18'
L5	N01°28'15"W	929.29'
L6	N88°52'10"E	296.92'

C/L 25' PERMANENT EASEMENT

QEP-OYG-9.00
MARK KOESER AND JANICE KOESER
NE1/4 NW1/4
SECTION 24, T-150N, R-98W
DOC. # 377233
D.R.M.C.,ND

QEP-OYG-9.01
MARK KOESER AND JANICE M. KOESER
S1/2 NW1/4; NW1/4 NW1/4
SECTION 24, T-150N, R-98W
DOC. # 322539
D.R.M.C.,ND

P.O.T.
N: 17,374,959.47
E: 2,089,796.71

County Recorder
McKenzie County
Watford City ND 58854

519743

Page 5 of 6

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- * - * - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



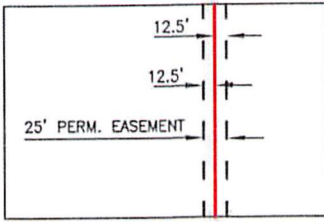
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
MARK KOESER AND JANICE KOESER
PREPARED FOR ANDEAVOR

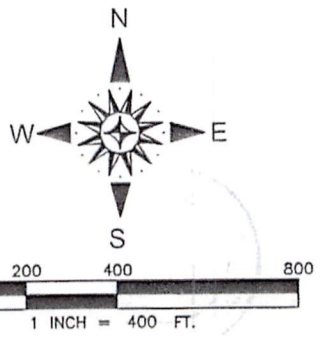
DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 24, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1668.29 FEET,
(101.11 RODS)
PERMANENT EASEMENT = 0.96 ACRES



NW COR SECTION 24
NO MON. FOUND OR SET

P.O.C.
FOUND IRON ROD W/ CAP
N1/4 COR SECTION 24
L1

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°52'10"W	1,320.07'
L2	S01°28'15"E	929.29'
L3	S36°18'23"W	88.65'
L4	S34°33'39"W	329.64'
L5	S58°06'53"W	456.20'
L6	S56°56'41"W	288.70'
L7	S57°30'34"W	497.58'
L8	S56°02'48"W	7.53'
L9	S01°27'44"E	716.10'

QEP-OYG-9.00
MARK KOESER AND
JANICE KOESER
NE1/4 NW1/4
SECTION 24, T-150N, R-98W
DOC. # 377233
D.R.M.C.,ND

P.O.B.
N: 17,374,959.47
E: 2,089,796.71

SECTION 13, T150N, R98W
SECTION 24, T150N, R98W

SECTION 23, T150N, R98W
SECTION 24, T150N, R98W

QEP-OYG-9.01
MARK KOESER AND
JANICE M. KOESER
S1/2 NW1/4; NW1/4 NW1/4
SECTION 24, T-150N, R-98W
DOC. # 322539
D.R.M.C.,ND

QEP-OYG-10.00
MARK KOESER
E1/2 NE1/4
SECTION 23, T-150N, R-98W
DOC. # 309578
D.R.M.C.,ND

P.O.T.
N: 17,373,946.64
E: 2,088,501.95

County Recorder
McKenzie County
Watford City ND 58854

519744

Page 5 of 6

FOUND IRON ROD
W1/4 SECTION 24

C/L 25' PERMANENT EASEMENT

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

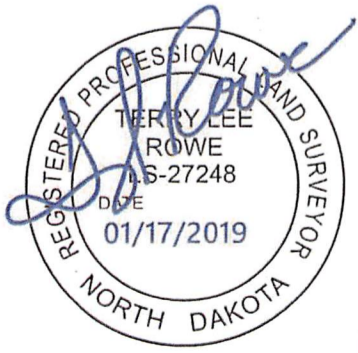
LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- SECTION LINES
- C/L PERMANENT EASEMENT
- BARBED WIRE FENCE
- EXISTING EASEMENT
- PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



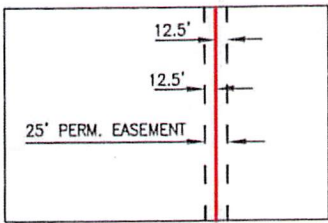
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
MARK AND JANICE M. KOESER
PREPARED FOR
ANDEAVOR

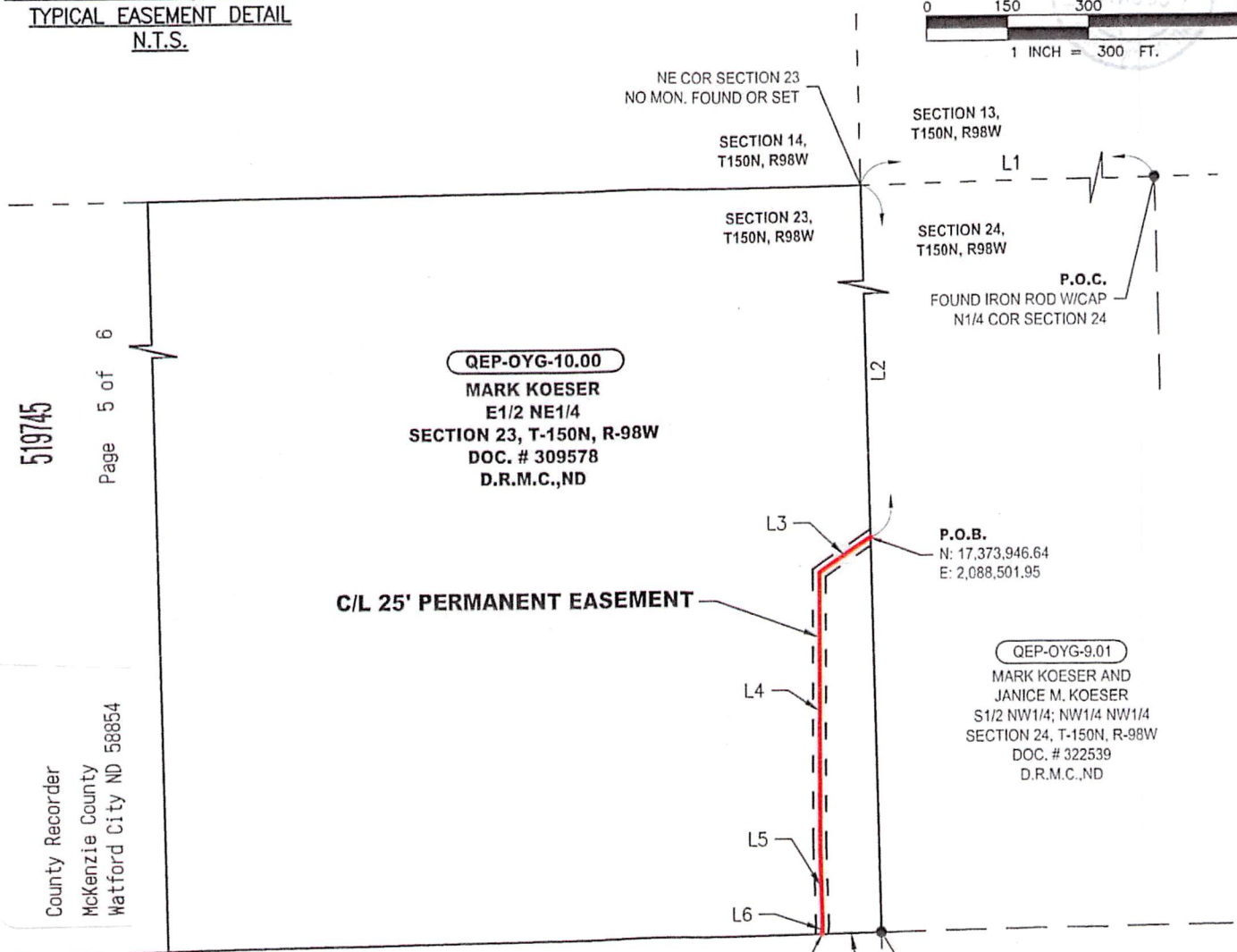
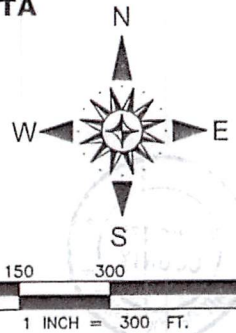
DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 23, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 768.76 FEET,
(46.59 RODS)
PERMANENT EASEMENT = 0.44 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°52'10"W	2,640.14'
L2	S01°27'44"E	1,916.39'
L3	S56°02'48"W	114.58'
L4	S00°03'44"W	498.95'
L5	S02°07'39"E	139.54'
L6	S05°58'30"W	15.69'
L7	N88°53'49"E	110.34'

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION
I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

QEP-OYG-10.50
LEMOINE D. HARTEL AND CLARICE J. HARTEL
SE1/4
SECTION 23, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

REGISTERED PROFESSIONAL LAND SURVEYOR
TERRY LEE ROWE
LS-27248
DATE 01/17/2019
NORTH DAKOTA

PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

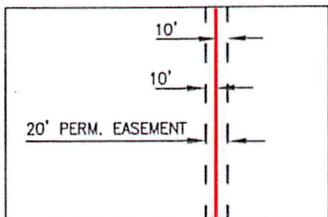
Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
MARK KOESER
PREPARED FOR ANDEAVOR

DATE: 01/10/19	REVISIONS
DRAWN BY: WT	
CHK BY: DH	
PROJECT#: 10.003816.0000	

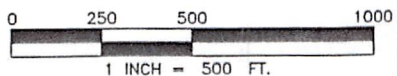
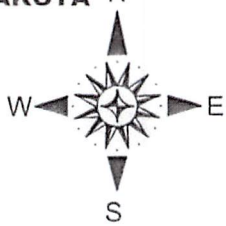
SHEET 1 OF 1

519745
 Page 5 of 6
 County Recorder
 McKenzie County
 Watford City ND 58654

SECTION 23, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2670.25 FEET,
(161.83 RODS)
PERMANENT EASEMENT = 1.23 ACRES



QEP-OYG-10.00
MARK KOESER
E 1/2 NE1/4
SECTION 23, T-150N, R-98W
DOC. # 309578
D.R.M.C.,ND

P.O.B.
N: 17,373,228.65
E: 2,088,409.91

122ND AVE NW
SECTION 22, T150N, R98W
SECTION 23, T150N, R98W
520352
Page 5 of 6
County Recorder
McKenzie County
Watford City ND 58854

LINE	BEARING	LENGTH
L1	N88°53'49"E	5,165.41'
L2	S05°58'30"W	25.91'
L3	S09°25'50"W	236.68'
L4	S08°46'32"W	164.98'
L5	S09°54'51"W	378.46'
L6	S08°30'03"W	168.31'
L7	S11°13'46"W	72.61'
L8	S09°54'47"W	447.39'
L9	S07°03'01"W	76.01'
L10	S04°24'18"W	42.05'
L11	S06°53'09"W	462.58'
L12	S07°13'49"W	595.27'
L13	S88°51'47"W	2,069.68'

C/L 20' PERMANENT EASEMENT

QEP-OYG-10.50
LEMOINE D. HARTEL AND
CLARICE J. HARTEL
SE1/4
SECTION 23, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

SECTION 23, T150N, R98W

L13
SECTION 26, T150N, R98W

QEP-OYG-11.50
LEMOINE D. HARTEL AND
CLARICE J. HARTEL
NE1/4
SECTION 26, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

P.O.T.
N: 17,370,588.01
E: 2,088,019.12

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



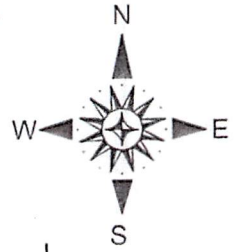
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
LEMOINE D. HARTEL AND CLARICE J. HARTEL
PREPARED FOR ANDEAVOR

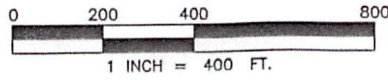
DATE: 01/10/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 26, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 3,952.04 FEET,
(239.52 RODS)
PERMANENT EASEMENT = 1.81 ACRE

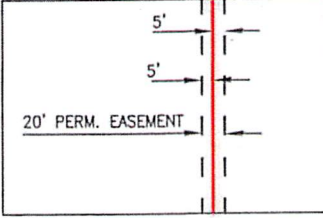


QEP-OYG-10.50

LEMOINE D. HARTEL AND
CLARICE J. HARTEL
SE1/4

SECTION 23, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

SECTION 23,T150N, R98W
SECTION 26,T150N, R98W



TYPICAL EASEMENT DETAIL
N.T.S.

C/L 20' PERMANENT
EASEMENT

P.O.B.
N: 17,370,588.01
E: 2,088,019.12

P.O.C.
FOUND IRON ROD
W/ CAP
NE COR SECTION 26

County Recorder
McKenzie County
Watford City ND 58854

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°51'47"W	568.75'
L2	S07°13'49"W	241.02'
L3	S05°24'05"E	480.76'
L4	S06°20'20"E	176.35'
L5	S03°46'41"E	97.43'
L6	S05°33'33"E	171.46'
L7	S03°36'58"E	49.47'
L8	S05°25'43"E	286.56'
L9	S06°00'34"E	165.61'
L10	S03°32'55"W	30.52'

LINE TABLE		
LINE	BEARING	LENGTH
L11	S47°15'46"W	223.63'
L12	S46°23'24"W	504.01'
L13	S48°55'17"W	156.59'
L14	S35°22'40"W	312.73'
L15	S37°38'40"W	84.03'
L16	S88°28'36"W	406.62'
L17	S88°02'21"W	419.39'
L18	S86°59'47"W	122.65'
L19	S03°10'01"E	23.22'
L20	N88°53'34"E	2,357.10'

QEP-OYG-11.50

LEMOINE D. HARTEL AND
CLARICE J. HARTEL
NE1/4
SECTION 26, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

QEP-OYG-12.00

DOREEN J. HEXOM AS TRUSTEE OF THE
E. KOESER DAUGHTER'S TRUST
SE1/4
SECTION 26, T-150N, R-98W
DOC. # 335650
D.R.M.C.,ND

Page 6 of 6

520352

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13, NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

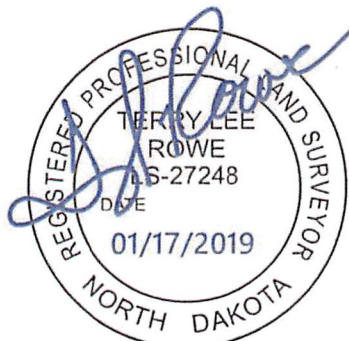
LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PROPOSED EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



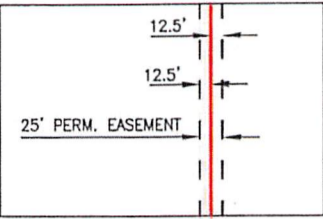
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE TRANSFER
EXHIBIT "A"
ASBUILT 8" PIPELINE
PERMANENT EASEMENT
LEMOINE D. HARTEL & CLARICE J. HARTEL
PREPARED FOR
ANDEAVOR

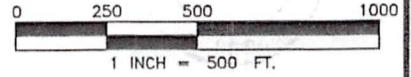
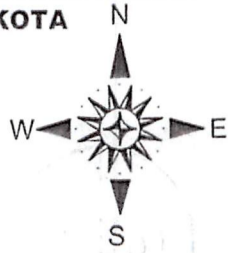
DATE: 01/08/19	REVISIONS
DRAWN BY: NAH	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 26, T150N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2634.85 FEET,
(159.69 RODS)
PERMANENT EASEMENT = 1.51 ACRES



QEP-OYG-11.50
LEMOINE D. HARTEL AND
CLARICE J. HARTEL
NE 1/4
SECTION 26, T-150N, R-98W
DOC. # 435828
D.R.M.C.,ND

P.O.C.
FOUND 5/8" IRON ROD
W/CAP
E 1/4 COR SECTION 26

P.O.B.
N: 17,367,918.73
E: 2,086,295.81

QEP-OYG-12.00
DOREEN J. HEXOM AS TRUSTEE OF
THE E. KOESER DAUGHTER'S TRUST
SE 1/4
SECTION 26, T-150N, R-98W
DOC. # 335650
D.R.M.C.,ND

C/L 25' PERMANENT EASEMENT

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°53'34"W	2,357.10'
L2	S03°10'01"E	62.53'
L3	S01°32'39"E	293.15'
L4	S02°05'12"E	755.58'
L5	S01°31'29"E	168.00'
L6	S02°08'27"E	251.92'

LINE TABLE		
LINE	BEARING	LENGTH
L7	S02°53'10"E	168.21'
L8	S01°11'12"E	168.03'
L9	S01°41'55"E	584.28'
L10	S02°11'45"E	183.16'
L11	S88°49'37"W	303.07'
L12	N88°49'37"E	2,334.74'

SECTION 26, T150N, R98W

L12
SECTION 35, T150N, R98W

P.O.T.
N: 17,365,285.46
E: 2,086,384.84

FOUND 5/8" IRON ROD
W/PLASTIC CAP
SW COR SECTION 26

QEP-OYG-13.00
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN, TRUSTEES
OF THE HOFFMANN LIVING TRUST
W 1/2 NE 1/4; W 1/2 SE 1/4;
S 1/2 SE 1/4 SE 1/4
SECTION 35, T-150N, R-98W
DOC. # 342473
D.R.M.C.,ND

FOUND 5/8" IRON ROD
W/ALUMINUM CAP
S 1/4 COR SECTION 26

NOTES:

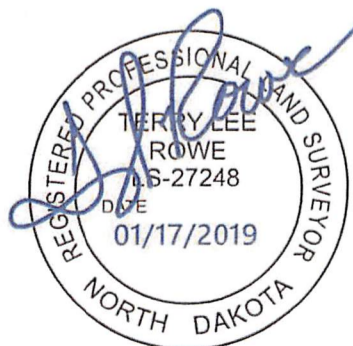
1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
DOREEN J. HEXOM AS TRUSTEE OF
THE E. KOESER DAUGHTER'S TRUST
PREPARED FOR
ANDEAVOR

DATE:	REVISIONS
01/10/19	
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

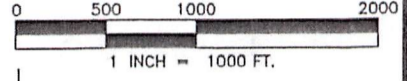
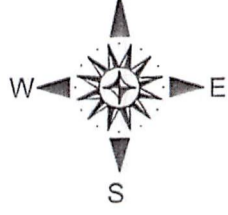
519746

Page 5 of 6

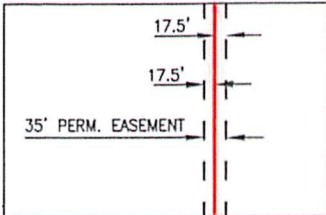
County Recorder
McKenzie County
Watford City ND 58854

SECTION 35, T150N, R98W, McKENZIE COUNTY, NORTH DAKOTA

N

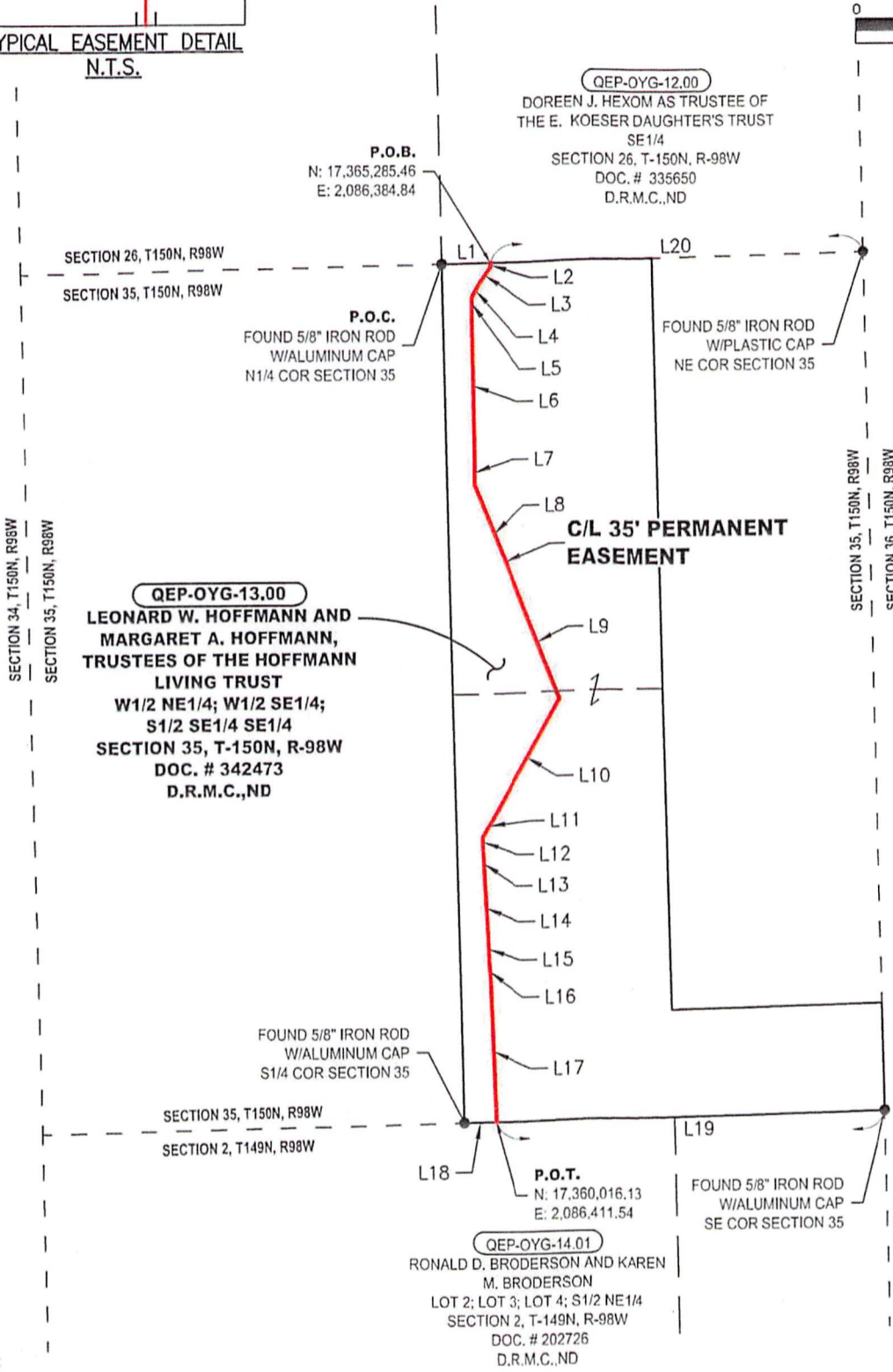


TOTAL DISTANCE ACROSS PROPERTY = 5538.21 FEET.
(335.65 RODS)
PERMANENT EASEMENT = 4.45 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N88°49'37"E	303.07'
L2	S02°11'45"E	25.17'
L3	S33°19'20"W	123.42'
L4	S32°13'51"W	92.96'
L5	S00°48'13"W	77.74'
L6	S01°12'04"E	924.97'
L7	S00°44'03"W	144.86'
L8	S22°13'07"E	658.48'
L9	S21°37'44"E	767.02'
L10	S29°40'30"W	814.39'
L11	S30°35'39"W	160.56'
L12	S00°21'42"E	54.92'
L13	S02°45'25"E	208.52'
L14	S03°12'47"E	334.72'
L15	S02°35'44"E	166.05'
L16	S04°29'38"E	115.37'
L17	S02°15'12"E	869.06'
L18	S88°48'47"W	199.89'
L19	N88°48'47"E	2,437.90'
L20	N88°49'37"E	2,334.74'



QEP-OYG-13.00
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN,
TRUSTEES OF THE HOFFMANN
LIVING TRUST
W1/2 NE1/4; W1/2 SE1/4;
S1/2 SE1/4 SE1/4
SECTION 35, T-150N, R-98W
DOC. # 342473
D.R.M.C.,ND

QEP-OYG-12.00
DOREEN J. HEXOM AS TRUSTEE OF
THE E. KOESER DAUGHTER'S TRUST
SE1/4
SECTION 26, T-150N, R-98W
DOC. # 335650
D.R.M.C.,ND

QEP-OYG-14.01
RONALD D. BRODERSON AND KAREN
M. BRODERSON
LOT 2; LOT 3; LOT 4; S1/2 NE1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE. PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

County Recorder 520353
McKenzie County
Watford City ND 58854 Page 6 of 9



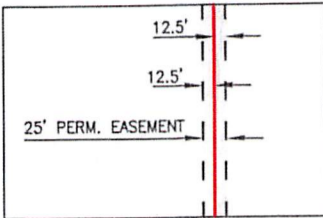
PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN, TRUSTEES
OF THE HOFFMANN LIVING TRUST
PREPARED FOR
ANDEAVOR

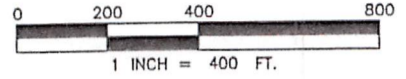
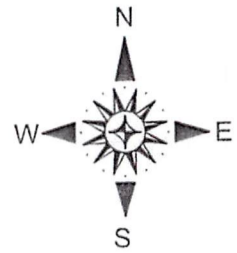
DATE: 01/10/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 2, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2646.17 FEET,
(160.37 RODS)
PERMANENT EASEMENT = 1.52 ACRES



QEP-OYG-13.00

LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN,
TRUSTEES OF THE HOFFMANN
LIVING TRUST
W1/2 NE1/4; W1/2 SE1/4;
S1/2 SE1/4 SE1/4
SECTION 35, T-150N, R-98W
DOC. # 342473
D.R.M.C.,ND

P.O.B.
N: 17,360,016.13
E: 2,086,411.54

SECTION 35, T150N, R98W
SECTION 2, T149N, R98W

P.O.C.
FOUND 5/8" IRON ROD W/ CAP
NE COR SECTION 2

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°48'47"W	2,437.90'
L2	S02°15'12"E	1,048.57'
L3	S02°48'15"E	149.01'
L4	S01°55'34"E	293.97'
L5	S01°29'28"E	264.39'
L6	S01°56'02"E	573.66'
L7	S02°44'04"E	125.56'
L8	S01°27'37"E	191.02'
L9	N88°40'56"E	2,404.13'

QEP-OYG-14.01

RONALD D. BRODERSON AND
KAREN M. BRODERSON
LOT 2; LOT 3; LOT 4; S1/2 NE1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

C/L 25' PERMANENT EASEMENT

FOUND 1/2" IRON ROD W/ CAP
E1/4 COR SECTION 2

P.O.T.
N: 17,357,371.74
E: 2,086,507.04

QEP-OYG-14.02

RONALD D. BRODERSON AND
KAREN M. BRODERSON
NE1/4 SW 1/4; NW 1/4 SE1/4;
S1/2 NW1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

519747

Page 5 of 7

County Recorder
McKenzie County
Watford City ND 58854

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

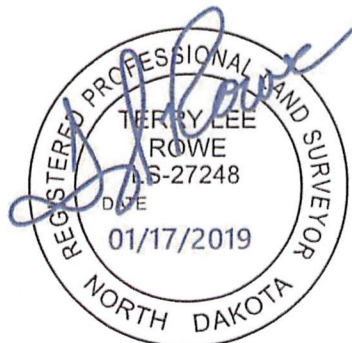
LEGEND

- P.O.B - POINT OF BEGINNING
- P.O.C - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

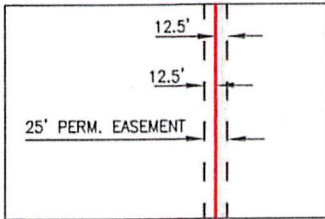


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

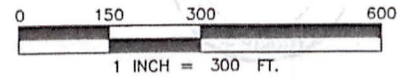
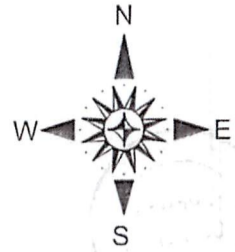
Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
RONALD D. AND KAREN M. BRODERSON
PREPARED FOR
ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 2, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1319.16 FEET,
(79.95 RODS)
PERMANENT EASEMENT = 0.76 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°40'56"W	2,404.13'
L2	S01°27'37"E	271.64'
L3	S02°38'40"E	252.30'
L4	S03°58'28"E	71.99'
L5	S06°21'57"E	143.49'
L6	S06°48'13"E	213.56'
L7	S07°29'47"E	227.19'
L8	S06°39'59"E	138.97'
L9	S61°49'23"E	2,673.66'

QEP-OYG-14.01
RONALD D. BRODERSON AND
KAREN M. BRODERSON
LOT 2; LOT 3; LOT 4; S1/2 NE1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

P.O.C.
FOUND 1/2" IRON ROD W/ CAP
E1/4 COR SECTION 2

P.O.B.
N: 17,357,371.74
E: 2,086,507.04

C/L 25' PERMANENT EASEMENT

QEP-OYG-14.02
RONALD D. BRODERSON AND
KAREN M. BRODERSON
NE1/4 SW1/4; NW1/4 SE1/4; S1/2 NW1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

County Recorder
McKenzie County
Watford City ND 58854

519747

Page 6 of 7

P.O.T.
N: 17,356,058.38
E: 2,086,617.57

QEP-OYG-15.00
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN
TRUSTEES OF THE HOFFMANN LIVING TRUST
E1/2 SE1/4; SW1/4 SE1/4
SECTION 2, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

FOUND 5/8" IRON ROD W/ CAP
SE COR SECTION 2

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION
● MONUMENT

— SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- - - C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



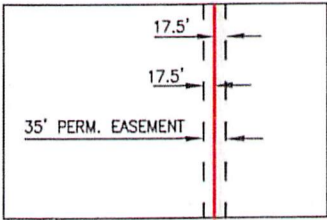
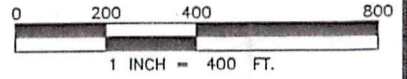
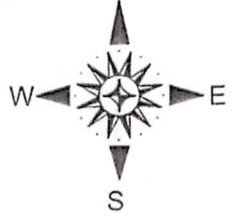
PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
RONALD D. AND KAREN M. BRODERSON
PREPARED FOR
ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 2, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

N



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 1332.68 FEET,
(80.77 RODS)
PERMANENT EASEMENT = 1.07 ACRES

QEP-OYG-14.02
RONALD D. BRODERSON AND
KAREN M. BRODERSON
NE1/4 SW1/4; NW1/4 SE1/4; S1/2 NW1/4
SECTION 2, T-149N, R-98W
DOC. # 202726
D.R.M.C.,ND

LINE	BEARING	LENGTH
L1	S88°40'56"W	1,318.55'
L2	S01°22'16"E	1,315.72'
L3	S88°41'32"W	1,006.50'
L4	S06°39'59"E	184.91'
L5	S21°30'56"W	208.43'
L6	S01°46'05"E	209.18'
L7	S01°01'51"E	454.70'
L8	S01°21'58"E	275.45'
L9	N88°42'08"E	2,391.20'

P.O.B.
N: 17,356,058.38
E: 2,086,617.57

P.O.C.
FOUND 1/2" IRON ROD
W/PLASTIC CAP
E1/4 COR SECTION 2

NO MON. FOUND OR SET
SE1/16 COR SECTION 2

C/L 35' PERMANENT
EASEMENT

QEP-OYG-15.00
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMAN, TRUSTEES
OF THE HOFFMAN LIVING TRUST
E1/2 SE1/4; SW1/4 SE1/4
SECTION 2, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

P.O.T.
N: 17,354,741.73
E: 2,086,583.80

QEP-OYG-15.01
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN
E1/2 NE1/4; W1/2 NE 1/4
SECTION 11, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

FOUND 5/8" IRON ROD
W/CAP
SE COR SECTION 2

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

County Recorder
McKenzie County
Watford City ND 58854

520353

Page 7 of 9



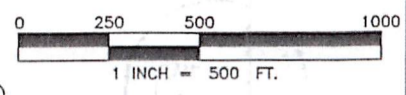
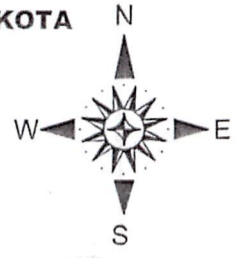
PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMAN, TRUSTEES
OF THE HOFFMAN LIVING TRUST
PREPARED FOR
ANDEAVOR

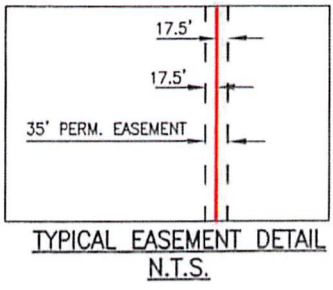
DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 11, T149N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2665.42 FEET.
(161.54 RODS)
PERMANENT EASEMENT = 2.14 ACRES



QEP-OYG-15.00
LEONARD W. HOFFMANN AND MARGARET A. HOFFMANN, TRUSTEES OF THE HOFFMANN LIVING TRUST
E1/2 SE1/4; SW1/4 SE1/4
SECTION 2, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

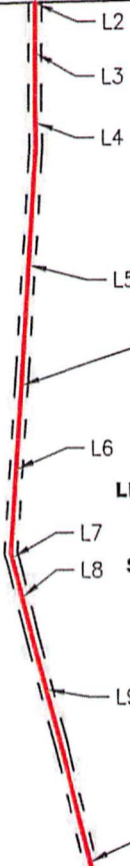
SECTION 2, T149N, R98W
SECTION 11, T149N, R98W
NO MON. FOUND OR SET
N1/4 COR. SECTION 11

P.O.C.
FOUND IRON ROD
W/CAP
NE COR SECTION 11

520353
Page 8 of 9

County Recorder
McKenzie County
Watford City ND 58854

P.O.B.
N: 17,354,741.73
E: 2,086,583.80



C/L 35' PERMANENT EASEMENT

QEP-OYG-15.01
LEONARD W. HOFFMANN AND MARGARET A. HOFFMANN
E1/2 NE1/4; W1/2 NE 1/4
SECTION 11, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°42'08"W	2,391.20'
L2	S01°21'58"E	2.37'
L3	S00°14'14"W	266.77'
L4	S01°38'57"E	110.16'
L5	S03°26'20"W	653.82'
L6	S03°55'33"W	451.74'
L7	S17°42'37"E	23.93'
L8	S13°55'46"E	196.86'
L9	S14°46'11"E	323.74'
L10	S14°27'31"E	636.04'
L11	N88°41'52"E	2,225.75'

SECTION 11, T149N, R98W
SECTION 12, T149N, R98W

NO MON. FOUND OR SET
C COR. SECTION 11

P.O.T.
N: 17,352,116.36
E: 2,086,811.78

FOUND IRON ROD
W/CAP
E1/4 COR SECTION 11

QEP-OYG-16.00
DAVID L. HOFFMANN AND DENAE M. HOFFMANN
N1/2 SW1/4; SE1/4
SECTION 11, T-149N, R-98W
DOC. # 342931
D.R.M.C.,ND

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



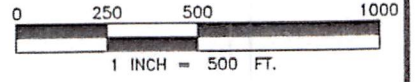
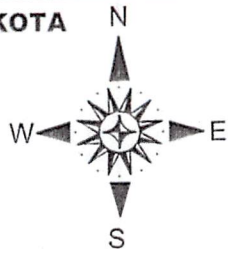
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
LEONARD W. HOFFMANN AND MARGARET A. HOFFMAN
PREPARED FOR
ANDEAVOR

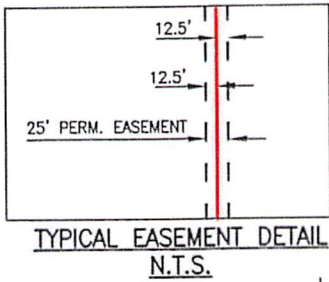
DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 11, T149N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2669.53 FEET,
(161.78 RODS)
PERMANENT EASEMENT = 1.53 ACRES



QEP-OYG-15.01
LEONARD W. HOFFMANN AND
MARGARET A. HOFFMANN
E1/2 NE1/4; W1/2 NE 1/4
SECTION 11, T-149N, R-98W
DOC. # 342475
D.R.M.C.,ND

P.O.C.
FOUND IRON ROD
W/CAP
E1/4 COR SECTION 11

NO MON. FOUND OR SET
C COR. SECTION 11

P.O.B.
N: 17,352,116.36
E: 2,086,811.78

QEP-OYG-16.00
DAVID L. HOFFMANN AND
DENA E. HOFFMANN
N1/2 SW1/4; SE1/4
SECTION 11, T-149N, R-98W
DOC. # 342931
D.R.M.C.,ND

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°41'52"W	2,225.75'
L2	S14°27'31"E	204.15'
L3	S13°20'33"E	415.82'
L4	S10°40'57"E	38.78'
L5	S06°56'10"W	1,132.20'
L6	S06°29'15"W	191.26'
L7	S07°02'14"W	687.32'
L8	N88°40'47"E	2,377.46'

C/L 25' PERMANENT EASEMENT

NO MON. FOUND OR SET
S1/4 COR. SECTION 11

P.O.T.
N: 17,349,479.88
E: 2,086,723.35

QEP-OYG-16.50
DAVID L. HOFFMANN AND
DENA E. HOFFMANN
N1/2 NE1/4
SECTION 14, T-149N, R-98W
DOC. # 342931
D.R.M.C.,ND

FOUND 1/2" IRON ROD
SE COR SECTION 11

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

County Recorder
McKenzie County
Watford City ND 58854 Page 6 of 8

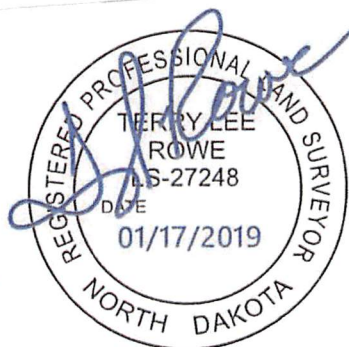
519748

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



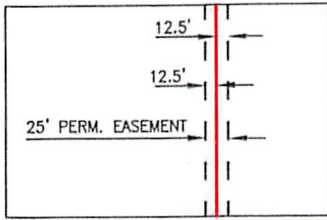
PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
DAVID L. HOFFMANN AND
DENA E. HOFFMANN
PREPARED FOR
ANDEAVOR

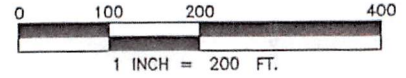
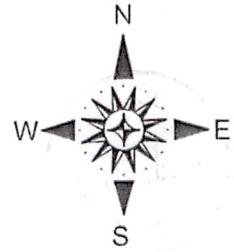
DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 14, T149N, R98W, McKENZIE COUNTY, NORTH DAKOTA



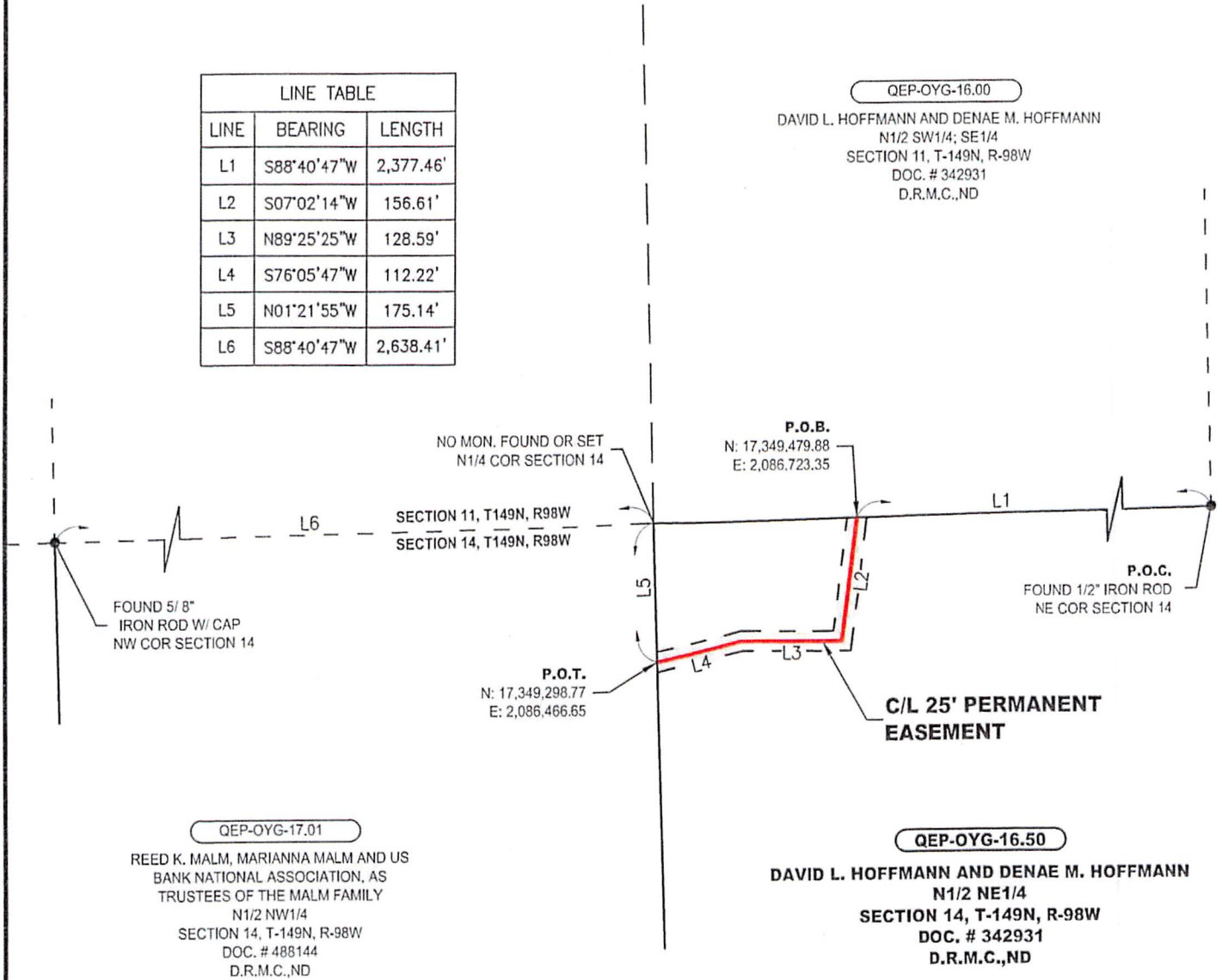
TOTAL DISTANCE ACROSS PROPERTY = 397.43 FEET,
(24.09 RODS)
PERMANENT EASEMENT = 0.23 ACRE



**TYPICAL EASEMENT DETAIL
N.T.S.**

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°40'47"W	2,377.46'
L2	S07°02'14"W	156.61'
L3	N89°25'25"W	128.59'
L4	S76°05'47"W	112.22'
L5	N01°21'55"W	175.14'
L6	S88°40'47"W	2,638.41'

QEP-OYG-16.00
DAVID L. HOFFMANN AND DENAE M. HOFFMANN
N1/2 SW1/4; SE1/4
SECTION 11, T-149N, R-98W
DOC. # 342931
D.R.M.C.,ND



QEP-OYG-17.01
REED K. MALM, MARIANNA MALM AND US
BANK NATIONAL ASSOCIATION, AS
TRUSTEES OF THE MALM FAMILY
N1/2 NW1/4
SECTION 14, T-149N, R-98W
DOC. # 488144
D.R.M.C.,ND

QEP-OYG-16.50
DAVID L. HOFFMANN AND DENAE M. HOFFMANN
N1/2 NE1/4
SECTION 14, T-149N, R-98W
DOC. # 342931
D.R.M.C.,ND

County Recorder
McKenzie County
Watford City ND 58854

519748

Page 7 of 8

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13, NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

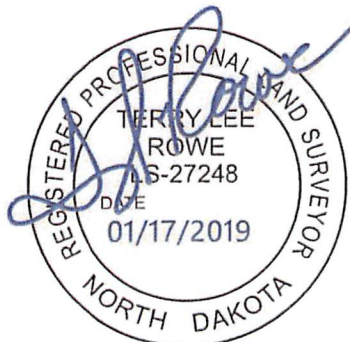
LEGEND

P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION

- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



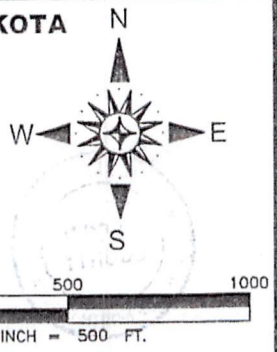
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
DAVID L. HOFFMANN AND
DENAE M. HOFFMANN
PREPARED FOR
ANDEAVOR

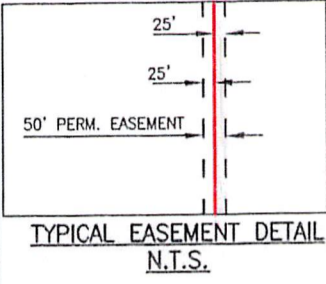
DATE: 01/08/19	REVISIONS
DRAWN BY: NAH	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 14, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

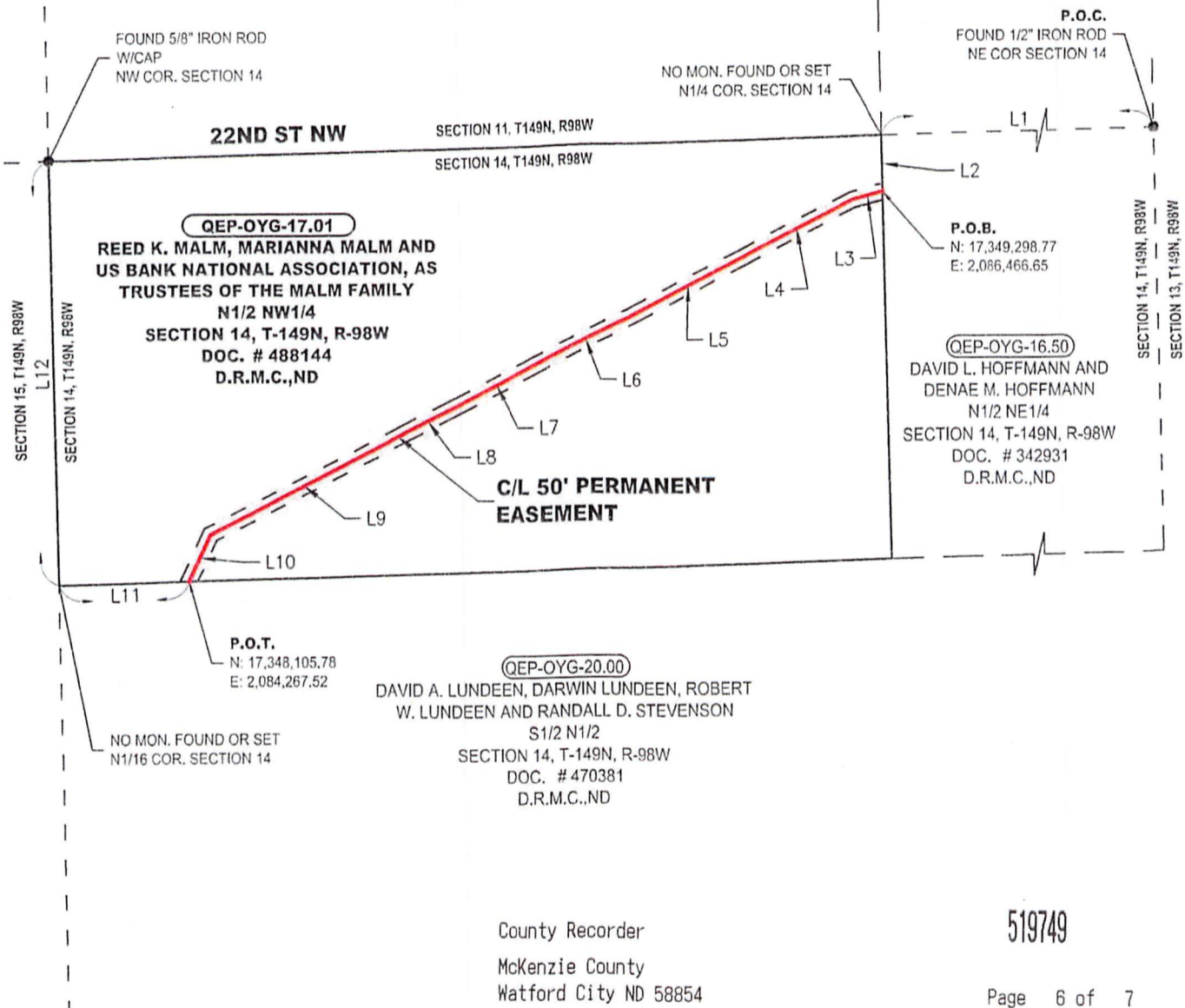


TOTAL DISTANCE ACROSS PROPERTY = 2538.04 FEET,
(153.82 RODS)
PERMANENT EASEMENT = 2.91 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°40'47"W	2,638.41'
L2	S01°21'55"E	175.14'
L3	S76°05'47"W	101.09'
L4	S63°15'41"W	392.49'
L5	S62°50'54"W	377.65'
L6	S63°40'20"W	352.08'

LINE TABLE		
LINE	BEARING	LENGTH
L7	S63°00'41"W	278.00'
L8	S63°55'42"W	209.95'
L9	S63°18'10"W	665.66'
L10	S24°54'59"W	161.13'
L11	S88°39'43"W	411.88'
L12	N01°20'52"W	1,317.27'



County Recorder
McKenzie County
Watford City ND 58854

519749

Page 6 of 7

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L. ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION
● MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- - - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



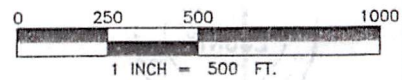
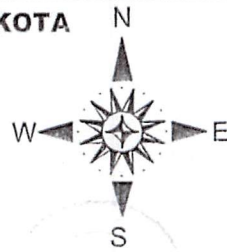
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N, SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
REED K. MALM, MARIANNA MALM AND US BANK NATIONAL ASSOCIATION, AS TRUSTEES OF THE MALM FAMILY
PREPARED FOR ANDEAVOR

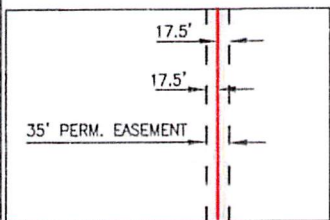
DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 14, T149N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1381.95 FEET,
(83.75 RODS)
PERMANENT EASEMENT = 1.11 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

FOUND 1/2" IRON ROD
NE COR SECTION 14

P.O.C.
FOUND 5/8" IRON ROD
W/CAP
NW COR. SECTION 14

22ND ST NW

SECTION 11, T149N, R98W
SECTION 14, T149N, R98W

SECTION 14, T149N, R98W
SECTION 13, T149N, R98W

QEP-OYG-17.01

REED K. MALM, MARIANNA
MALM AND US BANK NATIONAL
ASSOCIATION, AS TRUSTEES
OF THE MALM FAMILY
N1/2 NW1/4
SECTION 14, T-149N, R-98W
DOC. # 488144
D.R.M.C.,ND

N1/16 COR.
NO MON. FOUND OR SET

P.O.B.
N: 17,348,105.78
E: 2,084,267.52

122ND AVE NW

QEP-OYG-20.00
DAVID A. LUNDEEN, DARWIN
LUNDEEN, ROBERT W. LUNDEEN
AND RANDALL D. STEVENSON
S1/2 N1/2
SECTION 14, T-149N, R-98W
DOC. # 470381
D.R.M.C.,ND

C/L 35' PERMANENT
EASEMENT

LINE	BEARING	LENGTH
L1	S01°20'52"E	1,317.27'
L2	N88°39'43"E	411.88'
L3	S24°54'59"W	203.53'
L4	S23°12'19"W	74.48'
L5	S26°55'31"W	43.82'
L6	S25°12'04"W	290.20'
L7	S01°15'33"E	197.36'

LINE	BEARING	LENGTH
L8	S01°48'23"E	239.00'
L9	S07°21'53"E	213.11'
L10	S02°14'51"E	46.07'
L11	S00°34'55"E	74.38'
L12	N88°38'39"E	5,114.33'
L13	N01°22'57"W	2,631.29'

P.O.T.
N: 17,346,783.13
E: 2,084,050.77

W1/4 COR. SECTION 14
NO MON. FOUND OR SET

QEP-OYG-19.00

KNUT BERG TRUST
W1/2 SW1/4
SECTION 14, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

County Recorder
McKenzie County
Watford City ND 58854

519750

Page 5 of 6

NOTES:

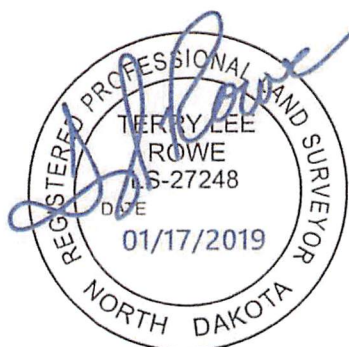
1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
P.O.C. - POINT OF COMMENCEMENT
P.O.T. - POINT OF TERMINATION
● MONUMENT
- SUBJECT TRACT LINE
— ADJOINER
- - - SECTION LINES
— C/L PERMANENT EASEMENT
- x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



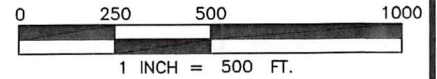
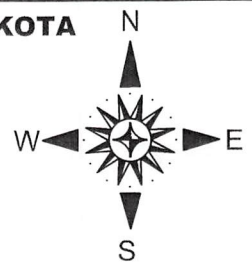
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
DAVID A. LUNDEEN, DARWIN LUNDEEN, ROBERT W. LUNDEEN AND RANDALL D. STEVENSON
PREPARED FOR ANDEAVOR

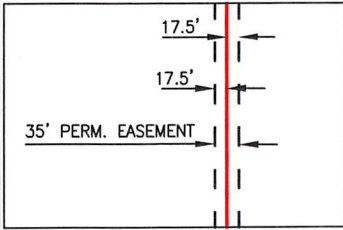
DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 14, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1500.25 FEET,
(90.92 RODS)
PERMANENT EASEMENT = 1.21 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

P.O.C.
FOUND 5/8" IRON ROD
W/CAP
NW COR. SECTION 14

22ND ST NW

SECTION 11, T149N, R98W
SECTION 14, T149N, R98W

QEP-OYG-20.00

DAVID A. LUNDEEN, DARWIN LUNDEEN, ROBERT W.
LUNDEEN AND RANDALL D. STEVENSON
S1/2 N1/2
SECTION 14, T-149N, R-98W
DOC. # 470381
D.R.M.C.,ND

P.O.B.
N: 17,346,783.13
E: 2,084,050.77

QEP-OYG-19.01
KNUT BERG TRUST
E1/2 SE1/4
SECTION 15, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

NO MON. FOUND OR SET
W1/4 COR. SECTION 14

122ND AVE NW

C/L 35' PERMANENT EASEMENT

QEP-OYG-19.00

KNUT BERG TRUST
W1/2 SW1/4
SECTION 14, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

P.O.T.
N: 17,345,368.90
E: 2,083,919.93

LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°20'52"E	2,634.55'
L2	N88°38'39"E	164.08'
L3	S00°34'55"E	176.02'
L4	S02°19'05"W	102.86'
L5	S06°06'53"E	199.59'
L6	S00°30'00"W	192.56'
L7	S00°57'21"E	403.99'
L8	S00°06'05"W	83.73'
L9	S01°37'18"W	103.92'
L10	S02°20'53"W	7.57'
L11	S15°21'44"W	10.80'
L12	S17°19'10"W	84.28'
L13	S65°33'43"W	70.16'
L14	S66°52'23"W	64.78'
L15	S01°20'52"E	1,223.80'
L16	S88°50'38"W	2,636.88'

FOUND 5/8" IRON ROD
W/CAP
LEE AND JACKSON KADRMAS 3214
S1/4 COR. SECTION 15

SECTION 15, T149N, R98W
L16
SECTION 22, T149N, R98W

NO MON. FOUND OR SET
SW COR. SECTION 14

SECTION 14, T149N, R98W

SECTION 23, T149N, R98W

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

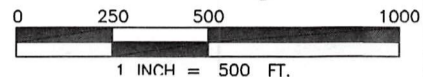
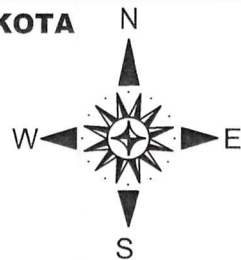


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

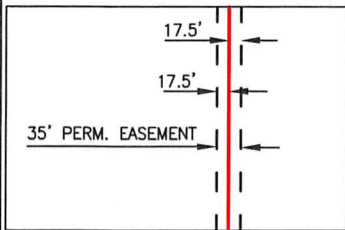
Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
KNUT BERG TRUST
PREPARED FOR
ANDEAVOR

DATE:	REVISIONS
01/11/19	
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 15, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 1933.86 FEET,
(117.20 RODS)
PERMANENT EASEMENT = 1.55 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

SECTION 10, T149N, R98W
SECTION 15, T149N, R98W

22ND ST NW

SECTION 11, T149N, R98W
SECTION 14, T149N, R98W

P.O.C.
FOUND 5/8" IRON ROD
W/CAP
NE COR. SECTION 15

W1/4 COR. SECTION 14
NO MON. FOUND OR SET

LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°20'52"E	4,045.29'
L2	S66°52'23"W	974.75'
L3	S08°04'31"W	220.88'
L4	S29°19'54"W	188.94'
L5	S27°47'39"W	126.14'
L6	S28°25'36"W	420.43'
L7	S32°15'28"W	2.72'
L8	S88°50'38"W	1,327.42'

QEP-OYG-19.01
KNUT BERG TRUST
E1/2 SE1/4
SECTION 15, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

QEP-OYG-19.00
KNUT BERG TRUST
W1/2 SW1/4
SECTION 14, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

P.O.B.
N: 17,345,368.90
E: 2,083,919.93

C/L 35' PERMANENT
EASEMENT

FOUND 5/8" IRON ROD
W/CAP
LEE AND JACKSON KADRMAS 3214
S1/4 SECTION 15

SECTION 15, T149N, R98W
SECTION 22, T149N, R98W

P.O.T.
N: 17,344,119.01
E: 2,082,639.52

QEP-OYG-19.11
KNUT BERG TRUST
W1/2 SE 1/4, N1/2, SW1/4
SECTION 22, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

SECTION 14, T149N, R98W
SECTION 23, T149N, R98W

SW COR. SECTION 14
NO MON. FOUND OR SET

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

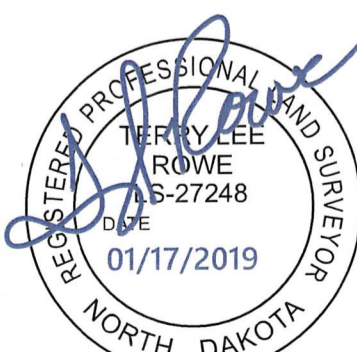
LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

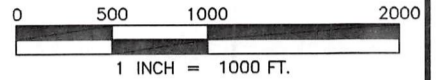
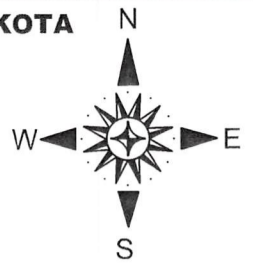


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

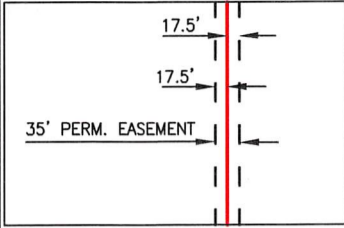
Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
KNUT BERG TRUST
PREPARED FOR
ANDEAVOR

DATE: 01/11/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 22, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 3987.51 FEET,
(241.67 RODS)
PERMANENT EASEMENT = 3.20 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

QEP-OYG-19.01
KNUT BERG TRUST
E1/2 SE1/4
SECTION 15, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

SECTION 15, T149N, R98W
SECTION 22, T149N, R98W

P.O.T.
N: 17,343,981.11
E: 2,078,676.62

P.O.C.
FOUND 5/8" IRON ROD W/CAP
N 1/4 COR. SECTION 22

P.O.B.
N: 17,344,119.01
E: 2,082,639.52

FOUND 5/8" IRON ROD
NW COR SECTION 22

L21

L1

L22

L2

L3

L4

L5

L6

L7

C/L 35' PERMANENT EASEMENT

QEP-OYG-19.11
KNUT BERG TRUST
W1/2 SE 1/4, N1/2, SW1/4
SECTION 22, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

QEP-OYG-19.02
KNUT BERG TRUST
E1/2 E1/2
SECTION 21, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

SECTION 22, T149N, R98W
SECTION 23, T149N, R98W

SECTION 21, T149N, R98W
SECTION 22, T149N, R98W

FOUND 12"x6"x6"
EXPOSED STONE
W 1/4 COR SECTION 22

LINE	BEARING	LENGTH
L1	N88°50'33"E	1,327.48'
L2	S32°15'28"W	23.54'
L3	S55°19'24"W	15.86'
L4	S64°46'46"W	25.16'
L5	S71°07'08"W	31.67'
L6	S78°26'58"W	84.10'
L7	S81°08'11"W	84.18'
L8	S82°07'18"W	42.17'
L9	S84°41'12"W	169.65'
L10	S83°43'47"W	221.97'
L11	N86°20'35"W	97.10'

LINE	BEARING	LENGTH
L12	N87°28'53"W	595.77'
L13	S87°24'13"W	25.39'
L14	N86°05'58"W	22.93'
L15	S88°33'32"W	85.49'
L16	N89°53'51"W	268.44'
L17	N88°54'44"W	222.27'
L18	S89°56'54"W	110.80'
L19	S88°35'08"W	1,592.96'
L20	S88°12'29"W	268.06'
L21	N01°20'15"W	57.92'
L22	S01°20'15"E	2,578.93'

SECTION 22, T149N, R98W
SECTION 27, T149N, R98W

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

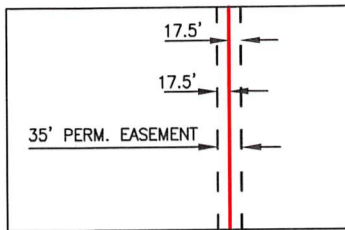


PERCHERON
PROFESSIONAL SERVICES, L.L.C
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
KNUT BERG TRUST
PREPARED FOR
ANDEAVOR

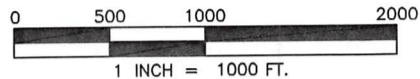
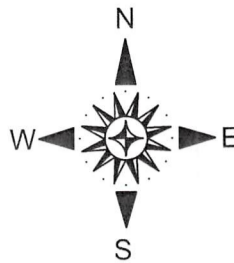
DATE:	REVISIONS
01/11/19	
DRAWN BY: MJV	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 21, T149N, R98W, McKENZIE COUNTY, NORTH DAKOTA



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 6359.42 FEET,
(385.42 RODS)
PERMANENT EASEMENT = 5.11 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°20'15"E	57.92'
L2	S88°12'29"W	1,152.64'
L3	S01°36'51"E	1,125.67'
L4	S02°17'46"E	193.30'
L5	S04°27'07"E	321.05'
L6	S02°08'11"E	397.83'
L7	S01°37'25"E	167.66'
L8	S02°46'17"E	251.06'
L9	S02°11'44"E	1,076.73'
L10	S02°29'09"E	210.24'
L11	S03°20'51"E	98.66'
L12	S01°14'17"E	42.26'
L13	S02°50'12"W	44.36'
L14	S06°59'28"W	302.35'
L15	S00°48'31"E	418.46'
L16	S00°02'30"W	378.29'
L17	S01°08'06"E	178.87'
L18	N88°44'02"E	1,148.21'

P.O.C.
FOUND IRON ROD
NE COR SECTION 21

SECTION 16, T149N, R98W
SECTION 21, T149N, R98W

QEP-OYG-19.11

KNUT BERG TRUST
W1/2 SE1/4, N1/2, SW1/4
SECTION 22, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

P.O.B.
N: 17,343,981.11
E: 2,078,676.62

**C/L 35'
PERMANENT
EASEMENT**

QEP-OYG-19.02
KNUT BERG TRUST
E1/2 E1/2
SECTION 21, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

P.O.T.
N: 17,338,744.04
E: 2,077,647.86

FOUND IRON ROD W/ CAP
SE SECTION 21

SECTION 21, T149N, R98W
SECTION 28, T149N, R98W

20TH STREET NW

QEP-OYG-19.03
KNUT BERG TRUST
NE1/4 NE1/4
SECTION 28, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND


- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018





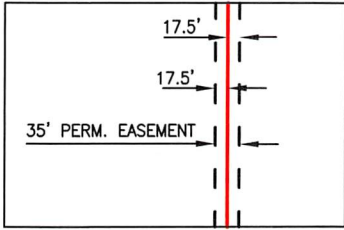
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
KNUT BERG TRUST
PREPARED FOR ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

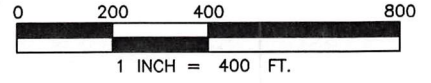
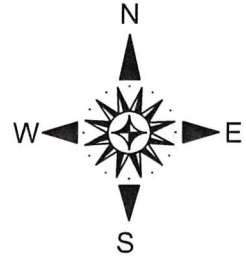
SHEET 1 OF 1

SECTION 28, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 543.83 FEET,
(32.96 RODS)
PERMANENT EASEMENT = 0.44 ACRES



QEP-OYG-19.02

KNUT BERG TRUST
E1/2 E1/2
SECTION 21, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

NO MON. FOUND OR SET
E1/16 COR SECTION 28

FOUND 6"X6"X4" STONE
N1/4 COR SECTION 28

20TH STREET NW
SECTION 21, T149N, R98W
SECTION 28, T149N, R98W

P.O.B.
N: 17,338,744.04
E: 2,077,647.86

P.O.C.
FOUND IRON ROD W/ CAP
NE COR SECTION 28

P.O.T.
N: 17,338,363.17
E: 2,077,487.74

QEP-OYG-19.03
KNUT BERG TRUST
NE1/4 NE1/4
SECTION 28, T-149N, R-98W
DOC. # 268169
D.R.M.C.,ND

QEP-OYG-22.00

ROCKY AND JONILLA FARMS, LLP
S1/2; S1/2 NW1/4; NE1/4 NW1/4;
NW1/4 NE1/4; S1/2 NE1/4
SECTION 28, T-149N, R-98W
DOC. # 467212
D.R.M.C.,ND

LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°44'02"W	1,148.21'
L2	S01°08'06"E	90.98'
L3	S00°02'42"E	203.63'
L4	S01°03'31"E	85.54'
L5	S89°13'24"W	104.62'
L6	N89°20'55"W	59.06'
L7	N01°43'58"W	377.25'
L8	S88°44'02"W	1,319.78'

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF REVISION PREPARED ON 01/17/20.



Neil Charles Shultz

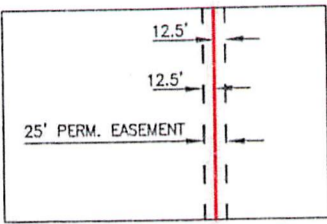
PERCHERON
PROFESSIONAL SERVICES, L L C
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
MARK AND JANICE M. KOESER
PREPARED FOR
ANDEAVOR

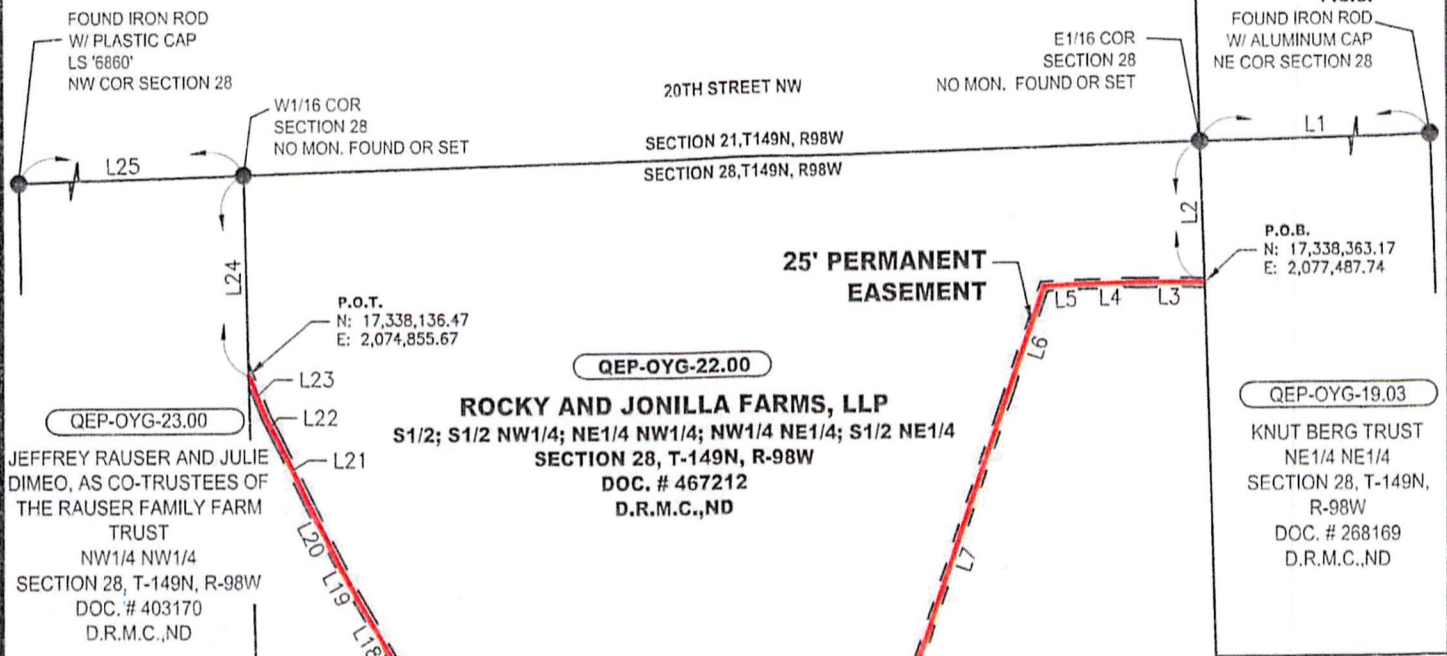
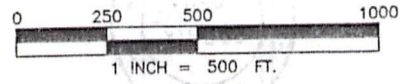
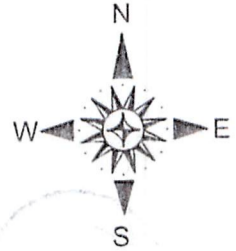
DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	01/17/20
CHK BY: DH	01/29/20
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 28, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 4,316.06 FEET,
(261.58 RODS)
PERMANENT EASEMENT = 2.48 ACRE



LINE	BEARING	LENGTH
L1	S88°44'02"W	1,319.78'
L2	S01°43'58"E	377.25'
L3	N89°20'55"W	191.59'
L4	S88°56'37"W	131.25'
L5	S87°42'47"W	119.16'
L6	S18°55'11"W	322.78'
L7	S19°14'08"W	876.38'
L8	S44°31'32"W	200.02'
L9	S45°47'56"W	126.38'
L10	S46°55'04"W	127.03'
L11	S87°45'12"W	175.76'
L12	S88°35'22"W	126.33'
L13	S89°21'01"W	420.69'

LINE	BEARING	LENGTH
L14	S88°27'20"W	85.30'
L15	N28°36'29"W	179.03'
L16	N30°41'26"W	126.07'
L17	N29°45'34"W	209.89'
L18	N30°35'23"W	210.42'
L19	N28°41'15"W	126.38'
L20	N26°50'34"W	168.28'
L21	N25°52'21"W	210.35'
L22	N28°19'37"W	55.51'
L23	N22°42'35"W	127.45'
L24	N01°23'28"W	541.02'
L25	S88°31'45"W	1,314.77'

County Recorder
McKenzie County
Watford City ND 58854

519751

Page 6 of 7

NOTES:

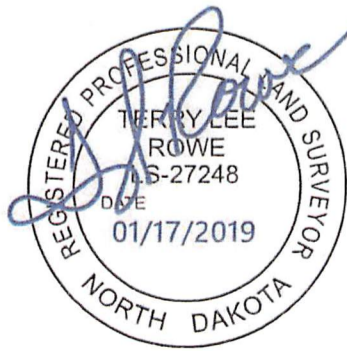
- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13, NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449, ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018

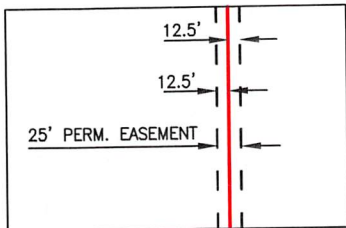


PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N, SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
ROCKY AND JONILLA FARMS, LLP
PREPARED FOR ANDEAVOR

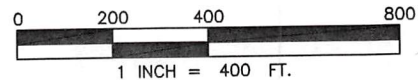
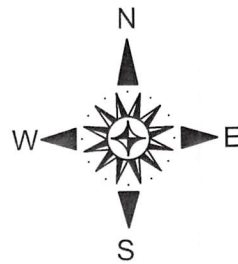
DATE: 01/11/19	REVISIONS
DRAWN BY: NAH	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SECTION 28, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

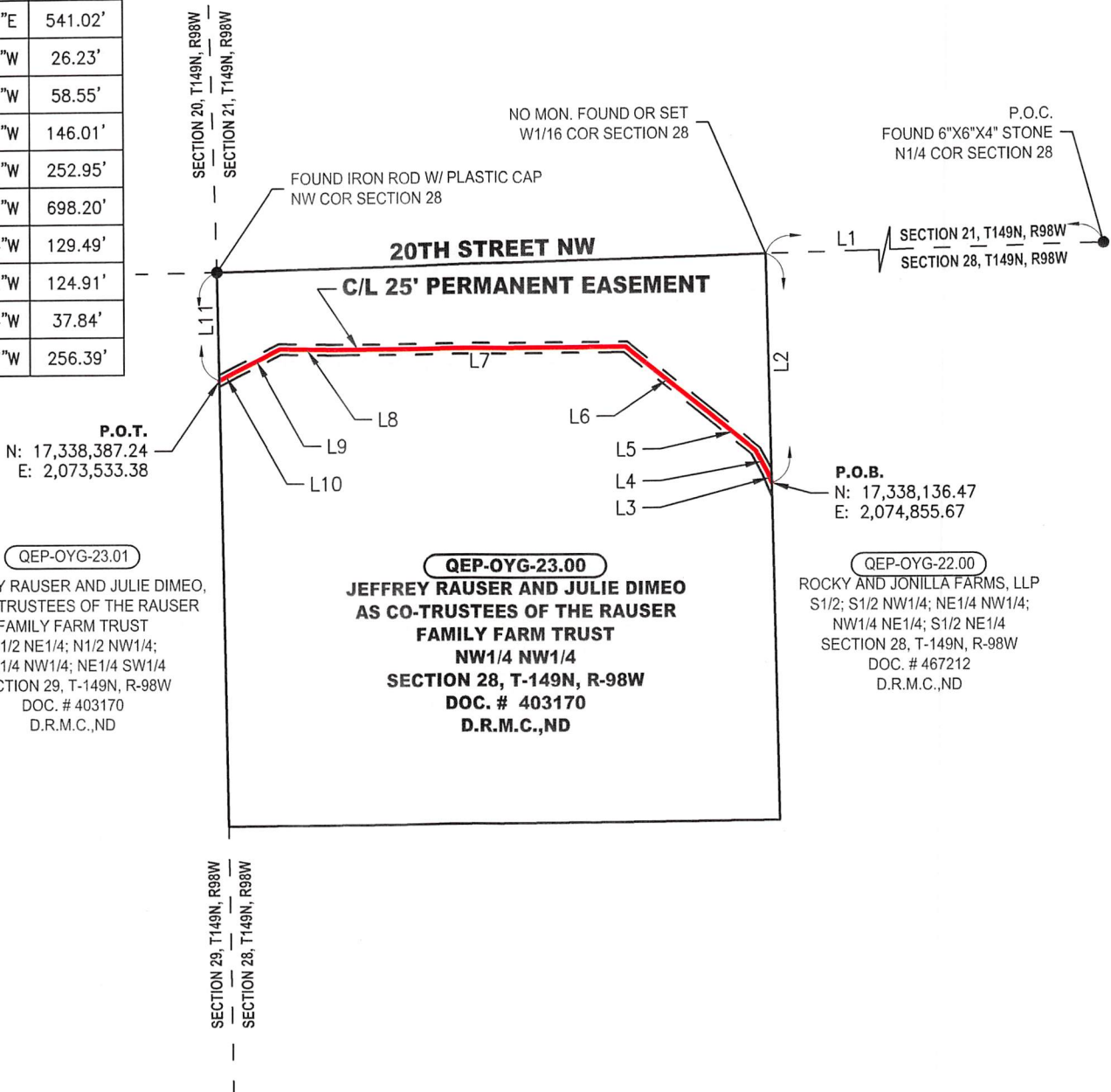


**TYPICAL EASEMENT DETAIL
N.T.S.**

TOTAL DISTANCE ACROSS PROPERTY = 1474.17 FEET,
(89.34 RODS)
PERMANENT EASEMENT = 0.85 ACRES



LINE TABLE		
LINE	BEARING	LENGTH
L1	S88°31'45"W	1,314.77'
L2	S01°23'28"E	541.02'
L3	N22°42'35"W	26.23'
L4	N28°24'49"W	58.55'
L5	N50°52'46"W	146.01'
L6	N51°33'46"W	252.95'
L7	S89°45'30"W	698.20'
L8	N89°04'04"W	129.49'
L9	S63°26'52"W	124.91'
L10	S62°16'04"W	37.84'
L11	N01°09'27"W	256.39'



QEP-OYG-23.01
JEFFREY RAUSER AND JULIE DIMEO,
AS CO-TRUSTEES OF THE RAUSER
FAMILY FARM TRUST
N1/2 NE1/4; N1/2 NW1/4;
SE1/4 NW1/4; NE1/4 SW1/4
SECTION 29, T-149N, R-98W
DOC. # 403170
D.R.M.C.,ND

QEP-OYG-23.00
JEFFREY RAUSER AND JULIE DIMEO
AS CO-TRUSTEES OF THE RAUSER
FAMILY FARM TRUST
NW1/4 NW1/4
SECTION 28, T-149N, R-98W
DOC. # 403170
D.R.M.C.,ND

QEP-OYG-22.00
ROCKY AND JONILLA FARMS, LLP
S1/2; S1/2 NW1/4; NE1/4 NW1/4;
NW1/4 NE1/4; S1/2 NE1/4
SECTION 28, T-149N, R-98W
DOC. # 467212
D.R.M.C.,ND

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

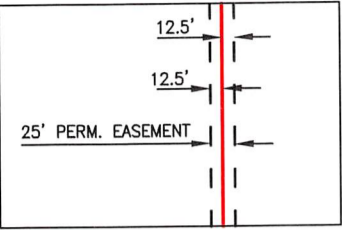
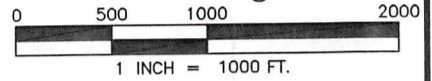
Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
JEFFREY RAUSER AND JULIE DIMEO
PREPARED FOR
ANDEAVOR

DATE: 01/08/19	REVISIONS
DRAWN BY: CMR	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 29, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

N



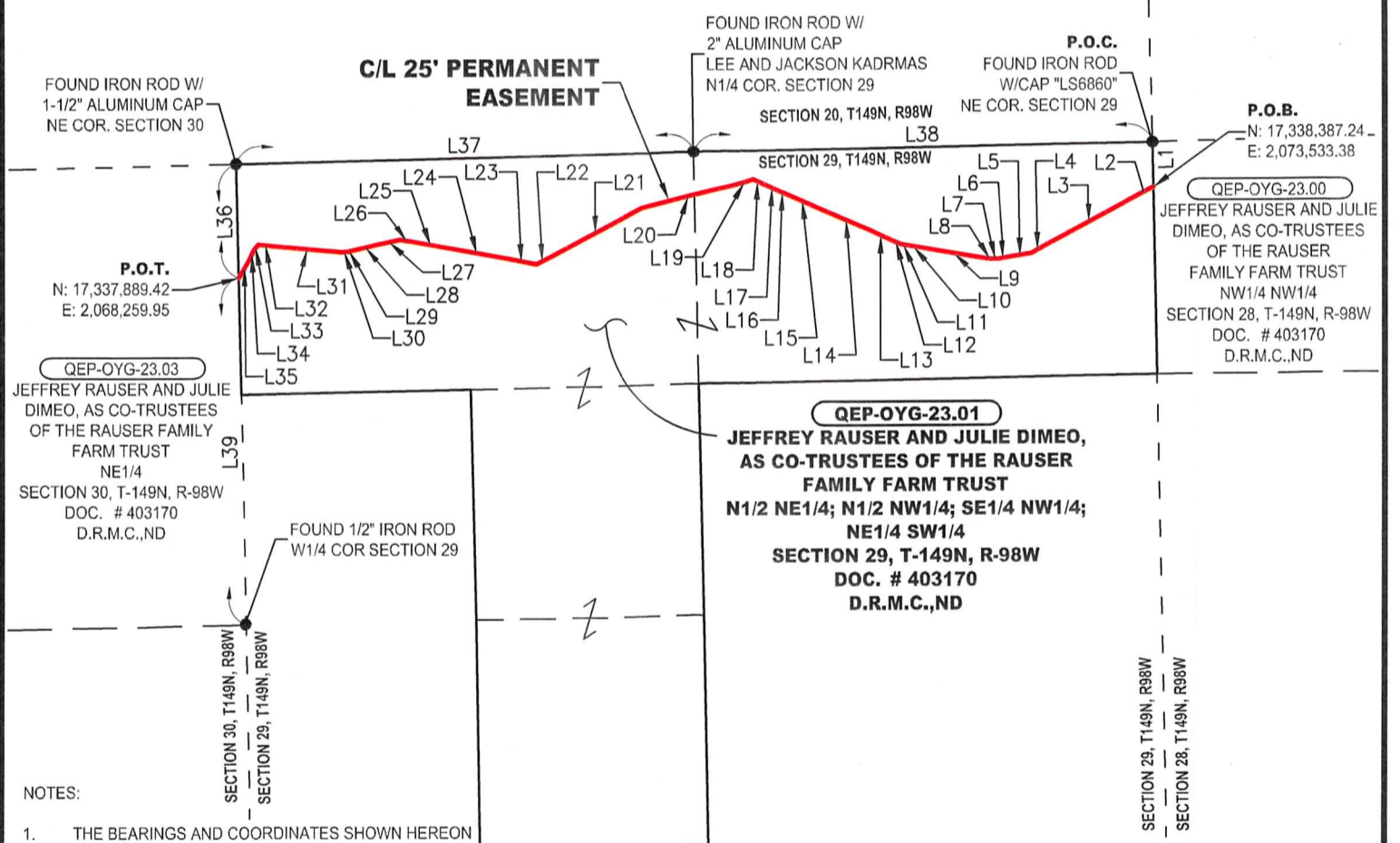
TYPICAL EASEMENT DETAIL
N.T.S.

TOTAL DISTANCE ACROSS PROPERTY = 5686.15 FEET,
(344.62 RODS)
PERMANENT EASEMENT = 3.26 ACRES

LINE	BEARING	LENGTH
L1	S01°09'27"E	256.39'
L2	S62°16'04"W	129.09'
L3	S62°05'00"W	588.87'
L4	S60°50'53"W	78.41'
L5	S79°43'10"W	134.50'
L6	S81°48'05"W	59.53'
L7	S89°51'00"W	38.23'
L8	N83°55'39"W	27.98'
L9	N80°27'11"W	384.73'
L10	N81°42'40"W	82.40'
L11	N76°06'36"W	36.14'
L12	N67°49'58"W	60.17'
L13	N65°43'17"W	131.26'

LINE	BEARING	LENGTH
L14	N66°31'53"W	304.69'
L15	N66°02'36"W	247.47'
L16	S69°01'12"W	4.88'
L17	N64°53'02"W	125.44'
L18	N66°42'19"W	54.26'
L19	S74°31'28"W	118.01'
L20	S76°26'19"W	546.20'
L21	S62°18'20"W	605.62'
L22	S63°25'17"W	81.90'
L23	N78°51'03"W	171.68'
L24	N79°55'40"W	354.16'
L25	N79°16'11"W	189.27'
L26	N80°43'28"W	81.91'

LINE	BEARING	LENGTH
L27	S78°20'54"W	121.23'
L28	S76°54'59"W	167.73'
L29	S79°26'48"W	21.46'
L30	S84°46'56"W	36.75'
L31	N84°52'48"W	390.30'
L32	N83°31'16"W	90.16'
L33	S34°00'42"W	42.75'
L34	S26°05'09"W	47.70'
L35	S30°37'18"W	131.25'
L36	N01°18'29"W	654.57'
L37	N88°46'26"E	2,636.89'
L38	N89°03'44"E	2,647.26'
L39	S01°18'29"E	1,981.80'



- NOTES:
1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
 2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
 3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
 4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

●	MONUMENT
—	SUBJECT TRACT LINE
- - -	ADJOINER
- - - - -	SECTION LINES
— x — x —	BARBED WIRE FENCE
- - - - -	EXISTING EASEMENT
- - - - -	PERMANENT EASEMENT

CERTIFICATION
I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



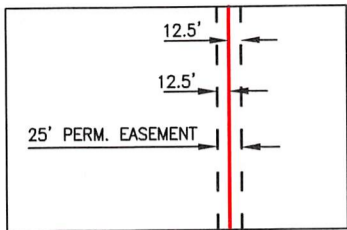
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE EXHIBIT "A"
AS-BUILT 8" PIPELINE PERMANENT EASEMENT
JEFFREY RAUSER AND JULIE DIMEO, AS CO-TRUSTEES OF THE RAUSER FAMILY FARM TRUST
PREPARED FOR
ANDEAVOR

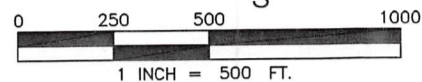
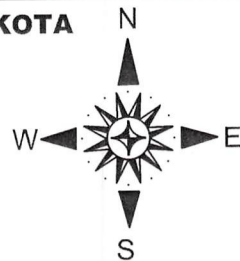
DATE: 01/14/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

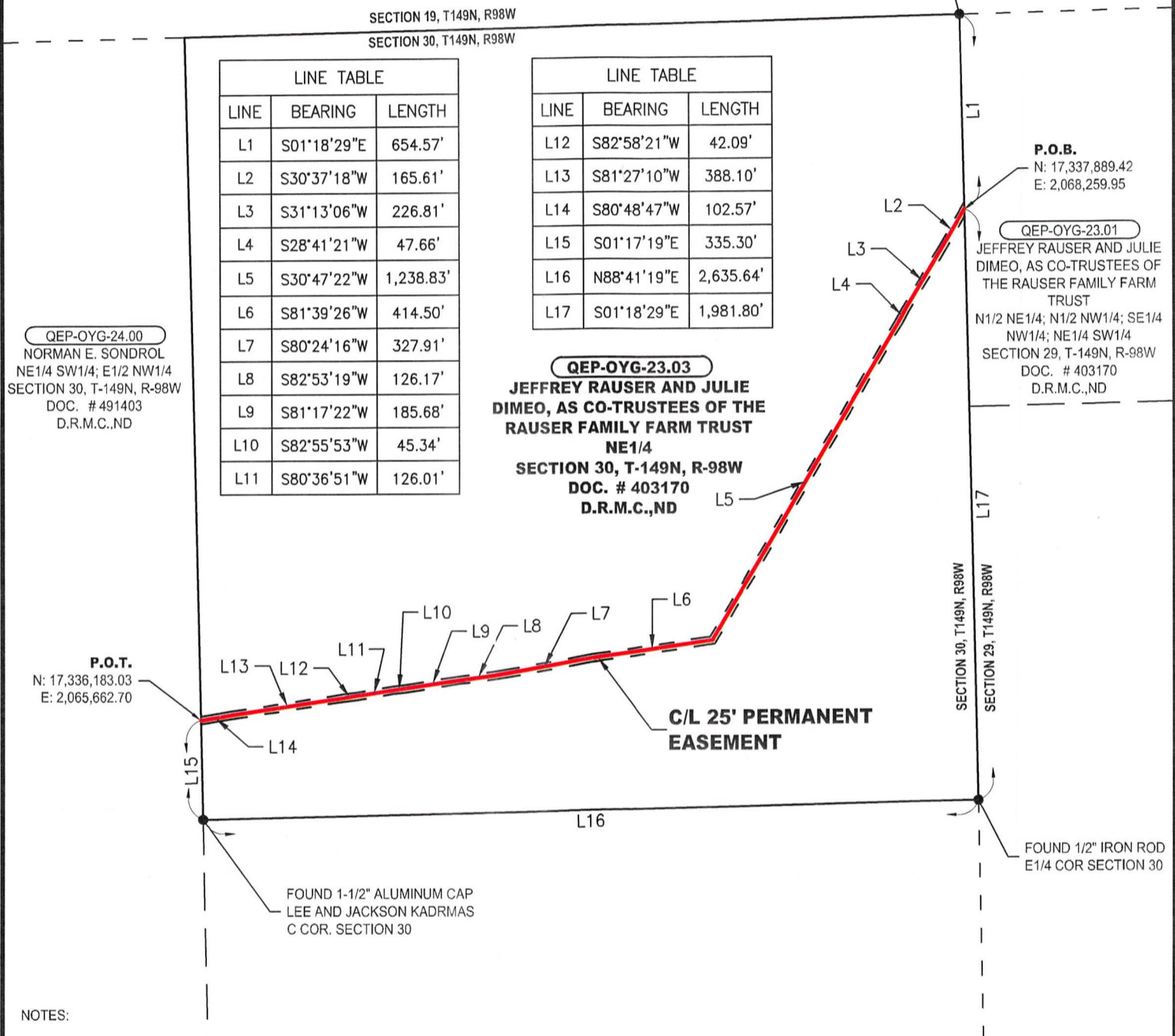
SECTION 30, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 3437.29 FEET,
(208.32 RODS)
PERMANENT EASEMENT = 1.97 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.



NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS


LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- x — x — C/L PERMANENT EASEMENT
- - - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018





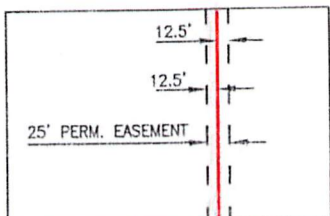
PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
JEFFREY RAUSER AND JULIE DIMEO,
AS CO-TRUSTEES OF THE RAUSER
FAMILY FARM TRUST
PREPARED FOR
ANDEAVOR

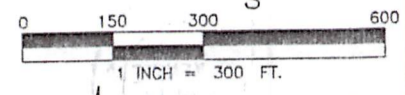
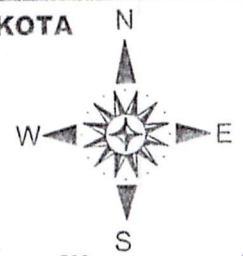
DATE: 01/14/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

SHEET 1 OF 1

SECTION 30, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA



TOTAL DISTANCE ACROSS PROPERTY = 2399.19 FEET,
(145.41 RODS)
PERMANENT EASEMENT = 1.38 ACRES



TYPICAL EASEMENT DETAIL
N.T.S.

County Recorder
McKenzie County
Watford City ND 58854

520349

Page 5 of 6

QEP-OYG-23.03
JEFFREY RAUSER AND JULIE DIMEO,
AS CO-TRUSTEES OF THE RAUSER
FAMILY FARM TRUST
NE1/4
SECTION 30, T-149N, R-98W
DOC. # 403170
D.R.M.C.,ND

P.O.B.
N: 17,336,183.03
E: 2,065,662.70

FOUND 1/2" IRON ROD
E1/4 COR SECTION 30

QEP-OYG-24.00
NORMAN E. SONDROL
NE1/4 SW1/4; E1/2 NW1/4
SECTION 30, T-149N, R-98W
DOC. # 491403
D.R.M.C.,ND

P.O.C.
FOUND 1-1/2" ALUMINUM CAP
LEE AND JACKSON KADRMAS
C COR. SECTION 30

C/L 25' PERMANENT
EASEMENT

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°17'19"W	335.30'
L2	S80°48'47"W	136.07'
L3	S82°06'16"W	83.72'
L4	S80°30'34"W	210.03'
L5	S81°54'57"W	419.26'
L6	S03°40'43"E	340.27'
L7	S03°07'50"E	547.04'
L8	S03°42'50"E	187.37'
L9	S03°07'21"E	189.04'
L10	S01°19'50"E	67.60'
L11	S09°15'26"E	218.78'
L12	S88°40'10"W	553.40'
L13	S01°15'03"E	1,319.59'
L14	N88°41'19"E	2,635.64'

NO MON. FOUND OR SET
SW1/16 COR SECTION 30

P.O.T.
N: 17,334,511.17
E: 2,064,934.11

FOUND 8" FENCE POST
FENCE CORNER
W1/16 COR SECTION 30

QEP-OYG-25.00
GREAT NORTHERN GATHERING
AND MARKETING, LLC
SE1/4 SW1/4
SECTION 30, T-149N, R-98W
DOC. # 444466
D.R.M.C.,ND

NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
3. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
4. LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N, SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- - - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL
SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N,
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL
LICENSE: NO. 2493LS

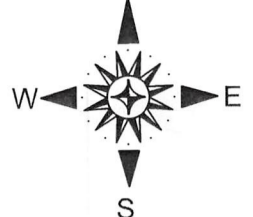
Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
NORMAN E. SONDROL
PREPARED FOR
ANDEAVOR

DATE: 01/14/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	

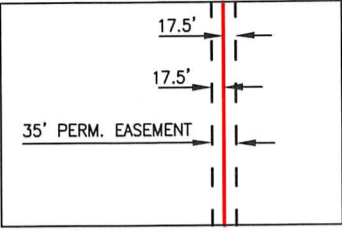
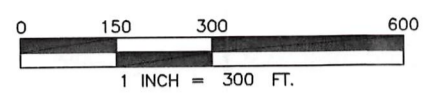
SHEET 1 OF 1

SECTION 30, T149N, R98W, MCKENZIE COUNTY, NORTH DAKOTA

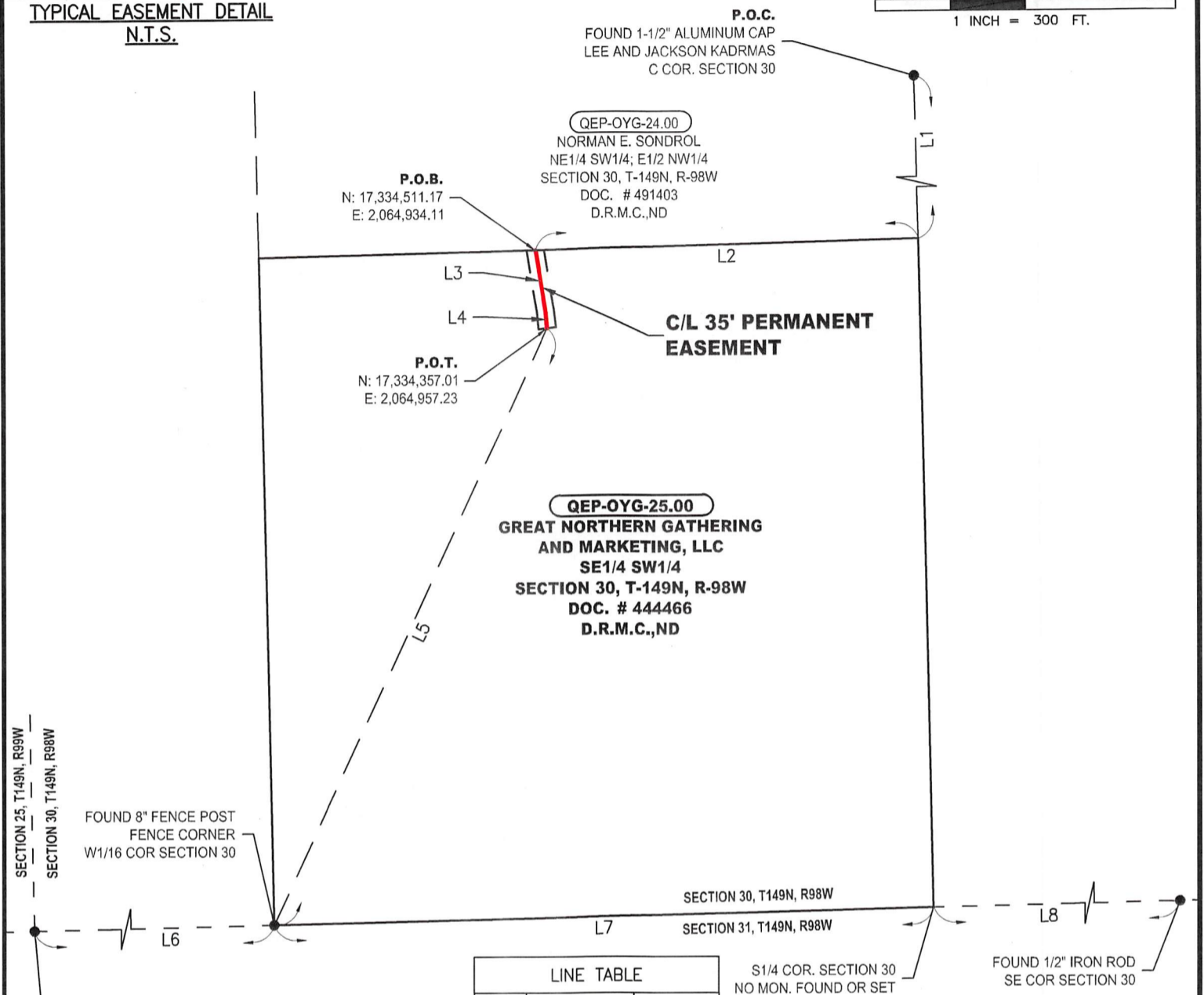
N



TOTAL DISTANCE ACROSS PROPERTY = 155.94 FEET,
(9.45 RODS)
PERMANENT EASEMENT = 0.13 ACRE



TYPICAL EASEMENT DETAIL
N.T.S.



QEP-OYG-25.00
GREAT NORTHERN GATHERING
AND MARKETING, LLC
SE1/4 SW1/4
SECTION 30, T-149N, R-98W
DOC. # 444466
D.R.M.C.,ND

P.O.B.
N: 17,334,511.17
E: 2,064,934.11

P.O.T.
N: 17,334,357.01
E: 2,064,957.23

P.O.C.
FOUND 1-1/2" ALUMINUM CAP
LEE AND JACKSON KADRMAS
C COR. SECTION 30

FOUND 8" FENCE POST
FENCE CORNER
W1/16 COR SECTION 30

FOUND IRON ROD
W/2" ALUMINUM CAP
SW COR SECTION 30

S1/4 COR. SECTION 30
NO MON. FOUND OR SET

FOUND 1/2" IRON ROD
SE COR SECTION 30

LINE TABLE		
LINE	BEARING	LENGTH
L1	S01°15'36"E	1,319.20'
L2	S88°40'10"W	765.35'
L3	S09°15'26"E	122.48'
L4	S05°52'03"E	33.46'
L5	S24°55'51"W	1,299.01'
L6	S88°39'08"W	1,318.95'
L7	N88°39'08"E	1,318.95'
L8	N88°39'08"E	2,637.91'

NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE GRID BASED ON UTM ZONE 13 NAD 83, U.S. SURVEY FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE USE OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS THAT AFFECT THE SUBJECT PROPERTY UNKNOWN TO SURVEYOR.
- THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM A LIMITED SURVEY OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES. THIS PLAT DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- LAND SURVEYING SUPERVISED BY TERRY L ROWE, PLS# LS-27248, PERCHERON SERVICES LLC, 1904 W. GRAND PARKWAY N. SUITE 200, KATY, TX, 77449. ND COA# 2493-LS

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- P.O.T. - POINT OF TERMINATION
- MONUMENT
- SUBJECT TRACT LINE
- - - ADJOINER
- - - SECTION LINES
- C/L PERMANENT EASEMENT
- x - x - BARBED WIRE FENCE
- - - EXISTING EASEMENT
- - - PERMANENT EASEMENT

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT OF SURVEY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION OF CONDITIONS FOUND ON THE GROUND ON OCTOBER 15, 2018



PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1904 WEST GRAND PARKWAY N.
SUITE 200
KATY, TEXAS 77449
(832) 300-6400
NORTH DAKOTA COMMERCIAL LICENSE: NO. 2493LS

Y-GRADE NORTH PIPELINE
EXHIBIT "A"
AS-BUILT 8" PIPELINE
PERMANENT EASEMENT
GREAT NORTHERN GATHERING
AND MARKETING, LLC
PREPARED FOR
ANDEAVOR

DATE: 01/14/19	REVISIONS
DRAWN BY: JBK	
CHK BY: DH	
PROJECT#: 10.003816.0000	