BakkenLink®

Pipeline LLC

www.bakkenlink.com

Pipeline Alignment

July - 2015

234 PU-10-218 Filed 11/04/2015 Pages: 100
Alignment sheets – electronic only
BakkenLink Pipeline LLC

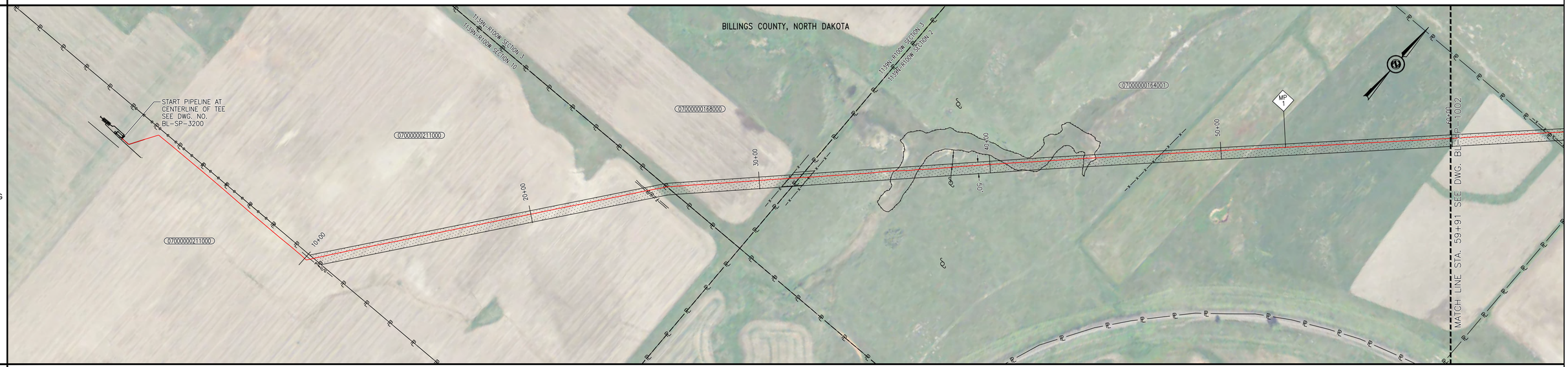
OWNERSHIP

0+00	10+42	26+00	31+75	59+91
07000000211000	07000000211000	07000000168000	07000000164001	
RAIL FACILITY	REDMOND PATRICK P & BEVERLY	REDMOND PATRICK P & BEVERLY	REIS WILLIAM NEAL	
63.15 RODS	94.45 RODS	34.83 RODS	170.68 RODS	

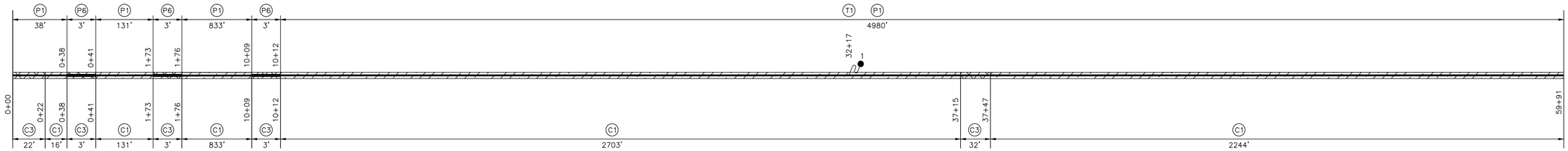
PIPELINE STATIONING

0+00 BEGIN STA.
0+00 PROPERTY LINE
0+39 EL. < 61° LT.
1+74 EL. < 57° RT.
10+00 STA
10+10 EL. < 54° LT.
10+26 UNDERGROUND POWERLINE
10+42 PROPERTY LINE & FRYBURG RAIL TERMINAL
20+00 STA
25+07 TELEPHONE UG
25+17 TELEPHONE UG
26+00 PROPERTY LINE & T139N-R100W SECTION 10 & T139N-R100W SECTION 3
26+02 P.I. < 6°30'30" RT.
30+00 STA
31+28 FENCE LINE
31+29 GATE
31+75 PROPERTY LINE & T139N-R100W SECTION 2 & T139N-R100W SECTION 3
32+16 GATE
32+17 FENCE LINE
35+89 WATER BODY
36+59 P.I. < 7°16'02" LT.
36+77 P.I. < 6°14'18" RT.
36+91 WATER BODY
38+35 OVERHEAD POWERLINE
40+00 STA
40+64 WATER BODY
42+59 WATER BODY
44+06 WATER BODY
44+59 WATER BODY
47+41 FENCE LINE
50+00 STA

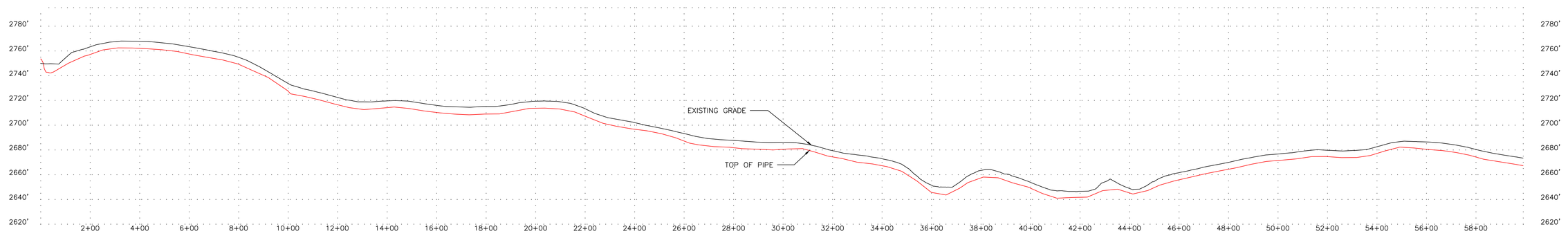
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	5928 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	63 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5982 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	9 LF
T1	CP TEST STATION TYPE1	1 EA

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

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 0+00 TO STA. 59+91
MP 0 TO MP 1

NO. BL-AP-1001
REV. 3

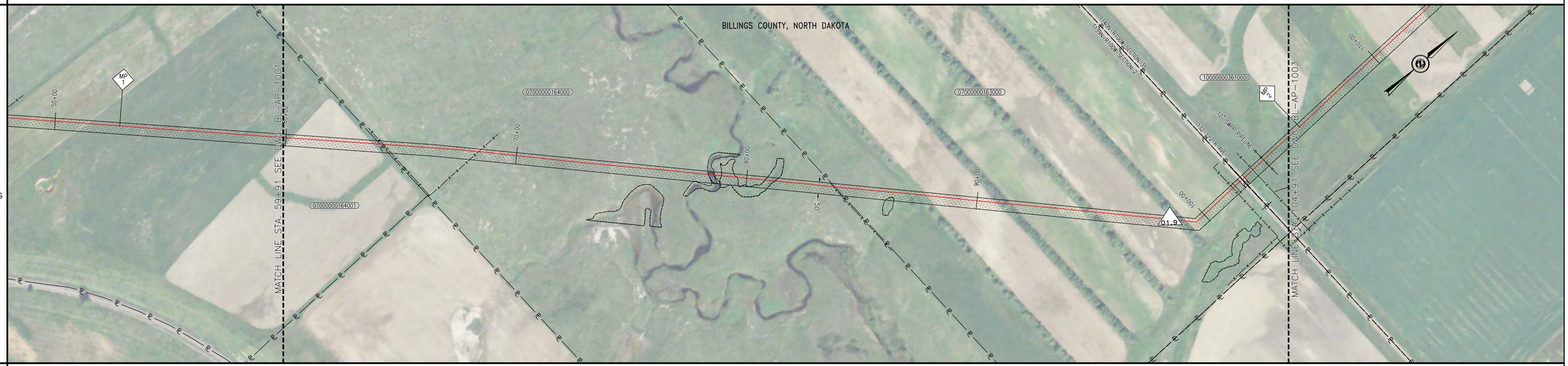
OWNERSHIP

59+91	64+08	84+63	102+25	104+91
070000000164001	070000000164000	070000000163000	100000000361000	
REIS WILLIAM NEAL	REIS WILLIAM NEAL	REDMOND PATRICK P	REIS WILLIAM NEAL	
25.26 RODS	119.69 RODS	111.63 RODS	16.16 RODS	

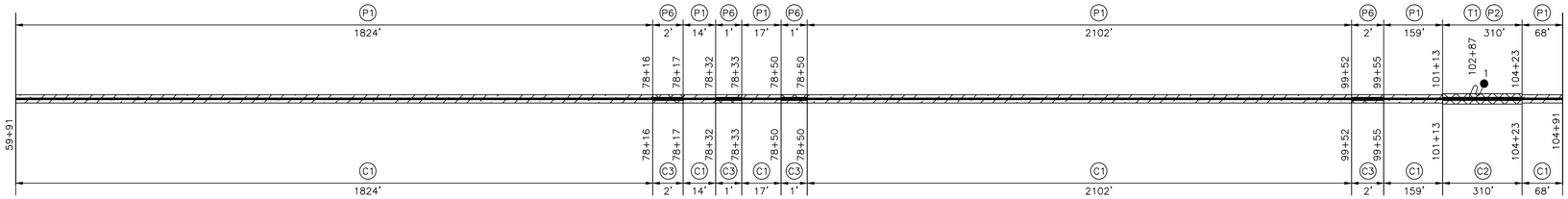
PIPELINE STATIONING

60+00 — 64+08 PROPERTY LINE — 64+21 FENCE LINE — 68+35 FENCE LINE — 70+00 — 78+17 EL. < ROLLED — 78+32 EL. < ROLLED — 78+34 WATER BODY — 78+50 EL. < ROLLED — 78+60 WATER BODY — 78+90 WETLAND — 79+58 WETLAND — 80+00 — 80+60 WETLAND — 81+22 WETLAND — 83+76 FENCE LINE — 83+83 PROPERTY LINE — 90+00 — 99+53 EL. < 48' LT. — 100+00 — 101+69 FENCE LINE — 101+81 TELEPHONE UG — 101+95 TOE — 102+09 EDGE OF ROAD — 102+22 132 1/2 R AVE. — 102+25 PROPERTY LINE & T153N-R100W SECTION 2 & T140N-R100W SECTION 35 — 102+38 EDGE OF ROAD — 102+55 TOE — 102+86 FENCE LINE — 103+49 12" SWPP PIPELINE

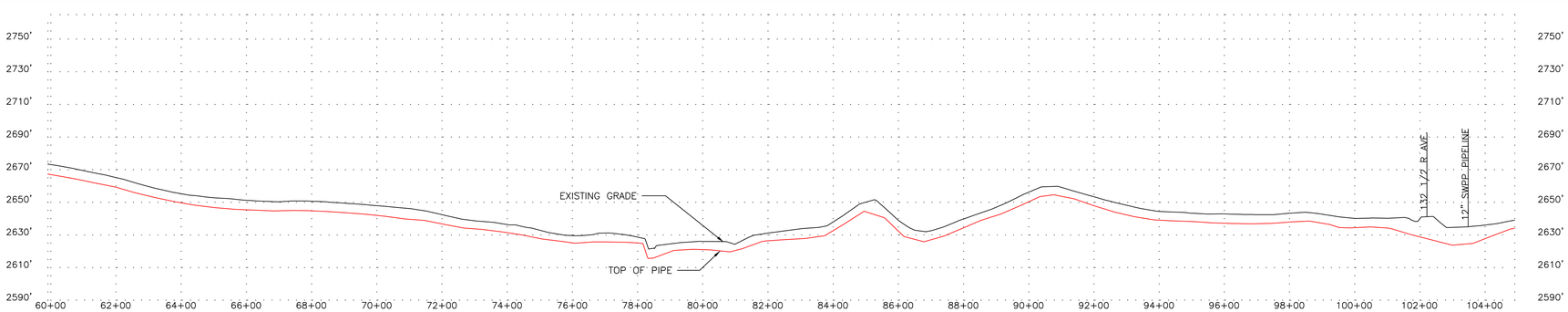
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

C/L PIPELINE
FOREIGN PIPELINE
CL ROAD
EDGE ROAD
CL RAILROAD
FENCE LINE — X — X — X —
OVERHEAD ELECTRIC — P — O/H —
UNDERGROUND ELECTRIC — P — U/G —
CABLE — C — C — C —
UNDERGROUND TELEPHONE — T — U/G —
WATERBODY
CL DITCH
TREELINE -O—O—O—O—

WEEDS
WETLAND BOUNDARY — WB — WB —
TREES/SHRUBS
PROPERTY LINE — P — P —
SECTION LINE
TWP/RNG LINE
COUNTY/PARISH LINE
PERMANENT EASEMENT (PLAN)

MILE MARKER (CALC.)
AERIAL MARKER
LINE MARKER/WARNING
POWER POLE
HDD ENTRY/EXIT
C.P. TEST STATION
MAINLINE VALVE
TREE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	4 EA
C1	16 MILS FUSION BONDED EPOXY	4184 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	310 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	6 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4184 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	310 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	6 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 59+91 TO STA. 104+91
MP 1 TO MP 2

NO. BL-AP-1002 REV. 4

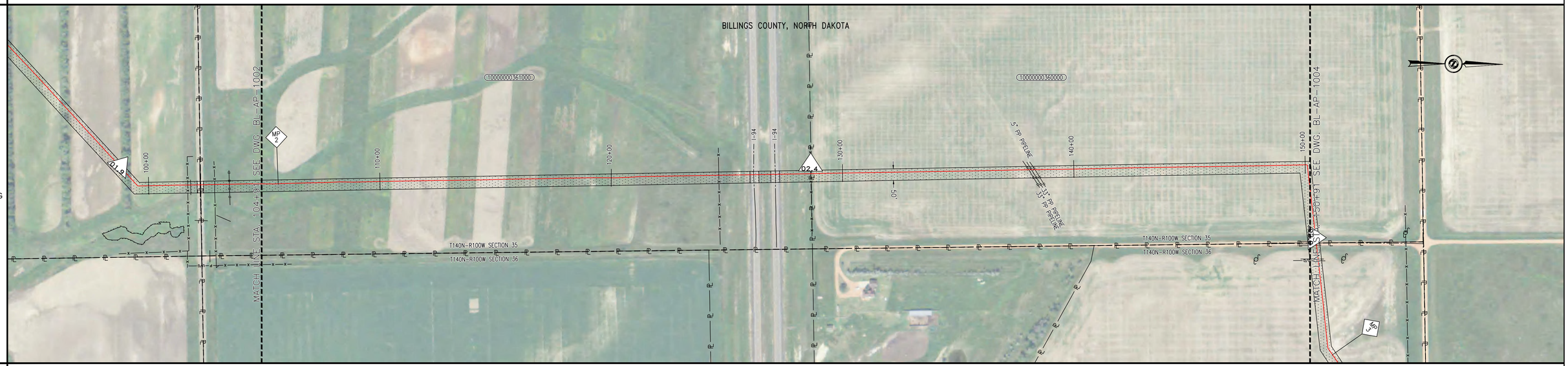
OWNERSHIP

104+91 — T000000003610000 — REIS WILLIAM NEAL — 143.83 RODS — 128+64 — T000000003600000 — KESSEL LEN TESTAMENTARY TRUST — 134.95 RODS — 150+91

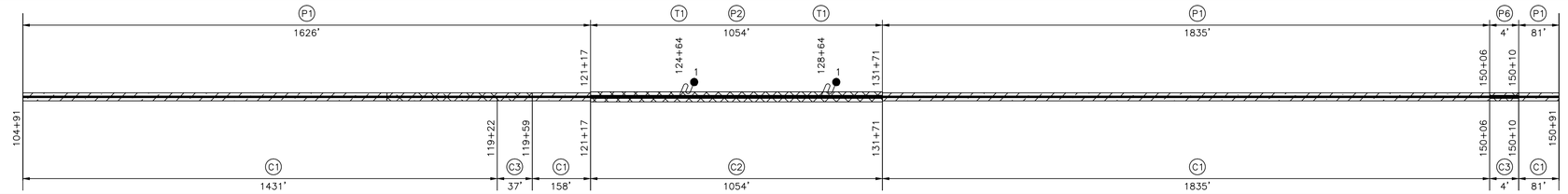
PIPELINE STATIONING

110+00 (STA) · 120+00 (STA) · 124+65 FENCE LINE · 125+76 TOE · 126+00 EDGE OF ROAD · 126+15 I-94 · 126+38 EDGE OF ROAD · 126+62 TOE · 126+90 EDGE OF ROAD · 127+09 I-94 · 127+28 EDGE OF ROAD · 127+58 TOE · 128+63 FENCE LINE · 128+64 PROPERTY LINE · 130+00 (STA) · 138+05 33" PP PIPELINE · 138+17 33" PP PIPELINE · 138+33 5" PP PIPELINE · 140+00 (STA) · 150+00 (STA) · 150+09 EL. < 85' RT. (EL)

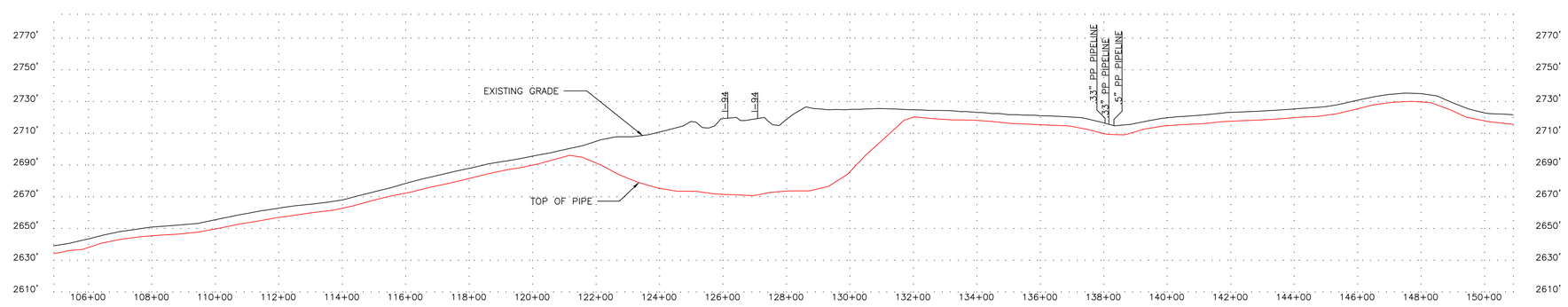
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	3505 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1054 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	41 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3542 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1054 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

NO.	DATE	DESCRIPTION
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3	07/02/15	CORRECTED WT TYPO

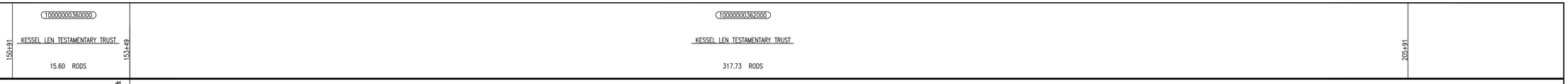
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

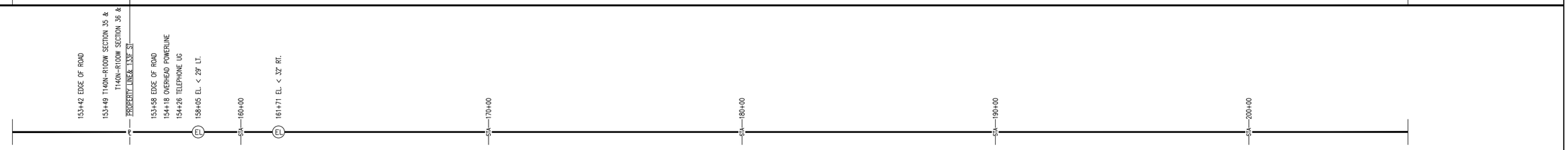
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 104+91 TO STA. 150+91
MP 2 TO MP 3

NO. BL-AP-1003 REV. 3

OWNERSHIP



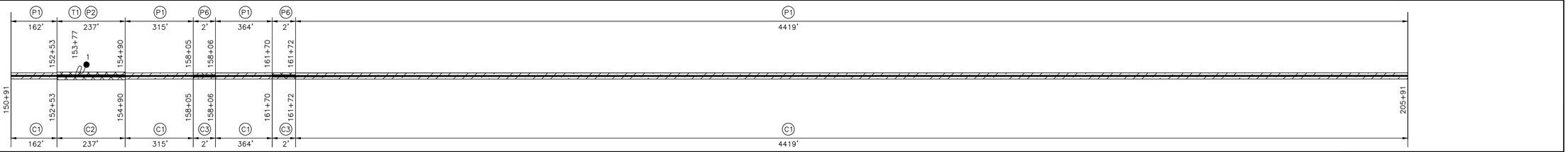
PIPELINE STATIONING



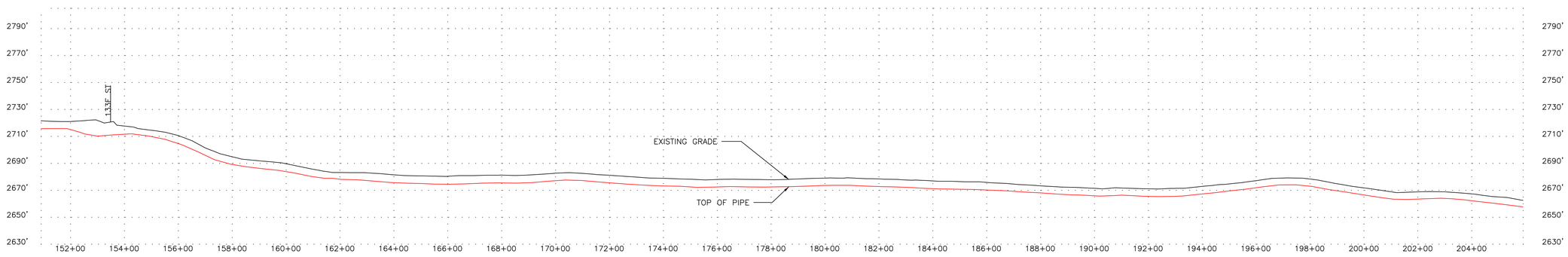
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5260 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	237 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5260 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	237 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	1 EA

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NO.	DATE	DESCRIPTION
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3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 150+91 TO STA. 205+91
MP 3 TO MP 4

NO. BL-AP-1004

REV. 4

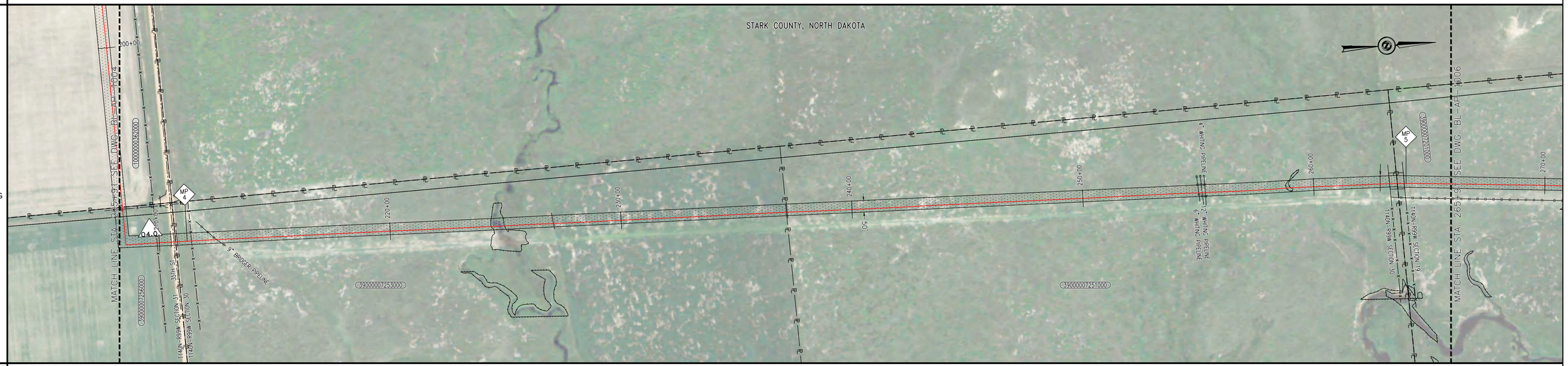
OWNERSHIP

205+91	100000003620000	206+93	390000007256000	210+71	390000007253000	237+16	390000007251000	263+62	390000007201000	265+91
	KESSEL LEN TESTAMENTARY TRUST		BOCK, LOREN N & JUDY		TALKINGTON, CURTIS V & JUANITA		TALKINGTON, CURTIS V & JUANITA		KOCH, ANDREW & CHRISTINE TRUST	
	6.14 RODS		22.92 RODS		160.33 RODS		160.34 RODS		13.91 RODS	

PIPELINE STATIONING

- 206+93 PROPERTY LINE & T140N-R100W SECTION 36 & T140N-R99W SECTION 31
- 207+00 FENCE LINE
- 207+33 BILLINGS COUNTY
- 208+56 EL. < 90° LT.
- 209+91 FENCE LINE
- 210+25 TOE
- 210+52 EDGE OF ROAD
- 210+64 35TH ST
- 210+71 PROPERTY LINE & T140N-R99W SECTION 30 & T140N-R99W SECTION 31
- 210+78 EDGE OF ROAD
- 211+03 TOE
- 211+40 FENCE LINE
- 212+47 9" BRIDGER PIPELINE
- 224+38 WATER BODY
- 224+95 WATER BODY
- 227+07 CATE
- 237+16 PROPERTY LINE
- 237+19 CATE
- 255+02 4" WHITING PIPELINE
- 255+17 12" WHITING PIPELINE
- 255+31 6" WHITING PIPELINE
- 258+62 WETLAND
- 259+02 WETLAND
- 262+88 UNDERGROUND POWERLINE
- 263+28 FENCE LINE
- 263+29 GATE
- 263+62 PROPERTY LINE & T140N-R99W SECTION 30 & T140N-R99W SECTION 19
- 263+92 GATE & FENCE LINE

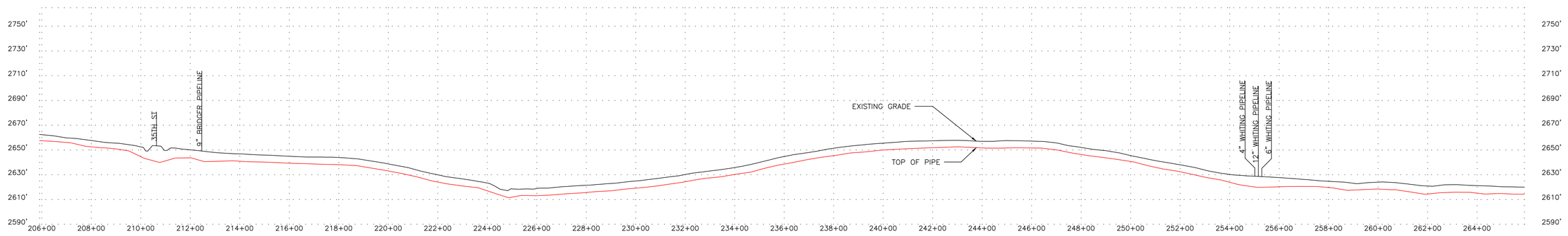
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	P1	P2	T3	P1	T1
	262'	5'	94'	251'		5389'	
	205+91	208+53	208+58	209+52	211+40 / 212+03	263+94	265+91
	C1	C3	C1	C2	C1	C3	C1	C1
	262'	5'	94'	251'	473'	36'	217+11	4880'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
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- WATERBODY
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- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5709 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	251 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	40 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5745 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	251 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	5 LF
T1	CP TEST STATION TYPE1	1 EA
T3	CP TEST STATION TYPE3	1 EA

PROJECT CONSULTING SERVICES, INC.
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METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE=	1" = 200'
VERTICAL SCALE=	1"= 40'
DRAWN WGA	DATE 12/13/13
CHK'D EDG	DATE 04/14/14
APPROVED MRI	DATE 04/14/14
PCS JOB NO. 10045	
AFE/P.O.NO. XXX	
CLIENT FILE NO.	
PCS FILE NO. bakken_mli_base.dwg	

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 205+91 TO STA. 265+91
MP 4 TO MP 5

NO. BL-AP-1005

REV. 5

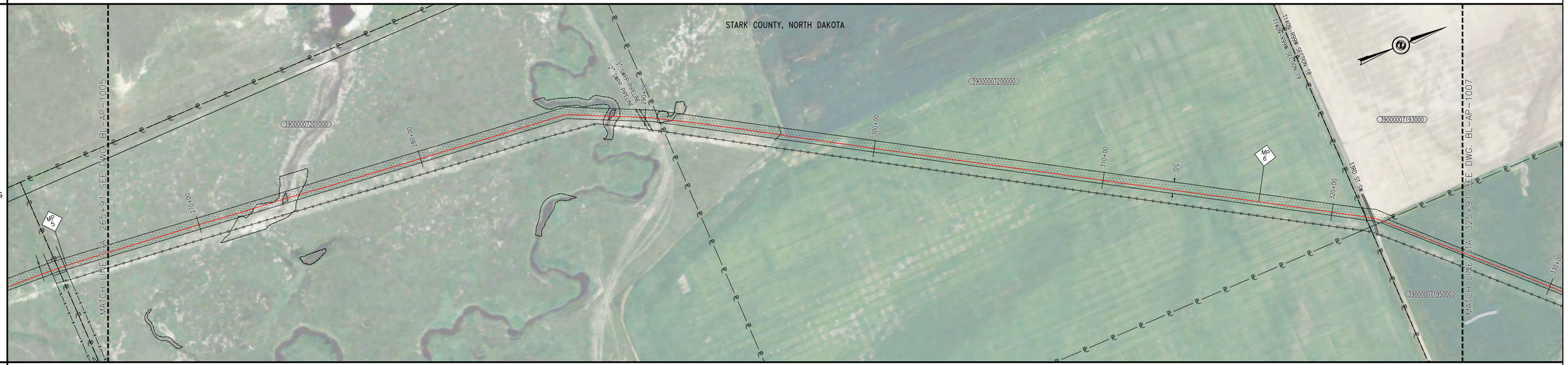
OWNERSHIP

265+91	390000072010000	290+58	390000072000000	321+47	390000071930000	322+26	390000071950000	325+91
	KOCH, ANDREW & CHRISTINE TRUST		KOCH, ANDREW & CHRISTINE TRUST		OBRIGEWITCH, CHAD		FRANK, THEODORE D	
	149.52 RODS		187.19 RODS		4.82 RODS		22.11 RODS	

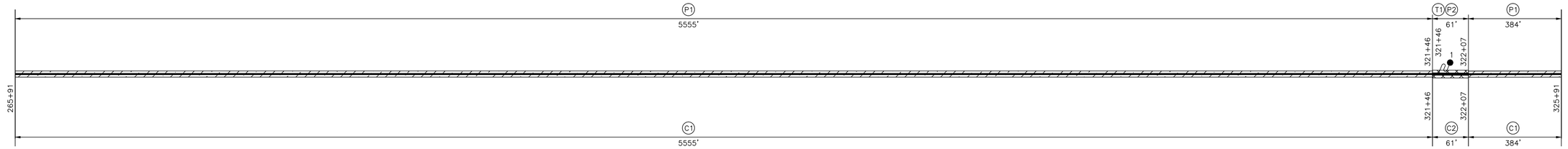
PIPELINE STATIONING

270+00 — 5'A — 272+49 WATER BODY — 274+53 WATER BODY — 280+00 — 5'A — 286+60 P.I. < 15°24'48" RT. — 288+27 WATER BODY — 288+91 WATER BODY — 289+80 3" SWPP PIPELINE — 289+97 2" SWPP PIPELINE — 290+00 — 5'A — 290+26 P.I. < 5°06'44" RT. — 290+53 WETLAND — 290+58 PROPERTY LINE — 291+19 WETLAND — 295+89 GATE — 300+00 — 5'A — 308+37 P.I. < 5°34'12" LT. — 310+00 — 5'A — 320+00 — 321+47 PROPERTY LINE & T140N-R89W SECTION 19 & T140N-R89W SECTION 18 — 321+48 GATE — 321+72 EDGE OF ROAD — 321+77 336TH ST SW — 321+83 EDGE OF ROAD — 321+89 P.I. < 11°12'26" RT. — 324+26 PROPERTY LINE

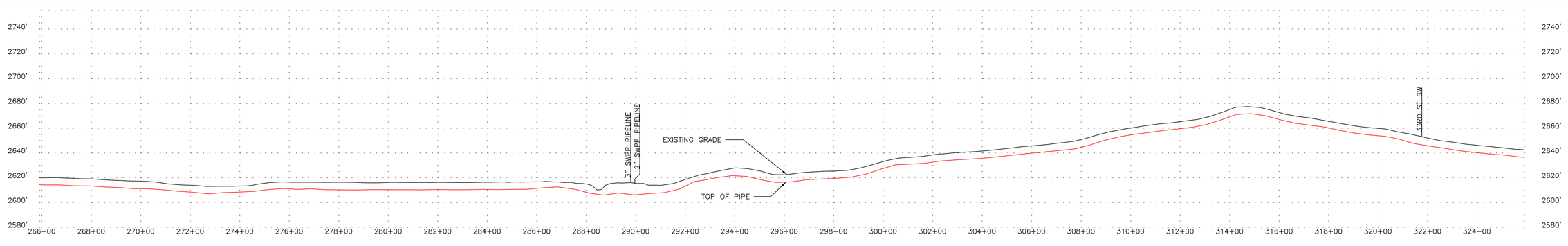
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5939 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	61 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5939 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	61 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
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4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

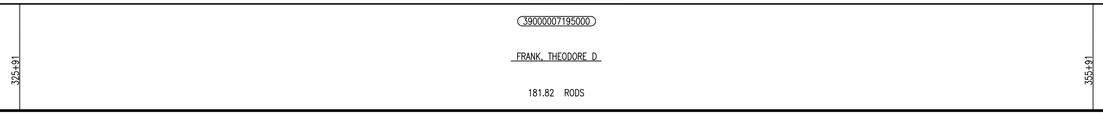
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

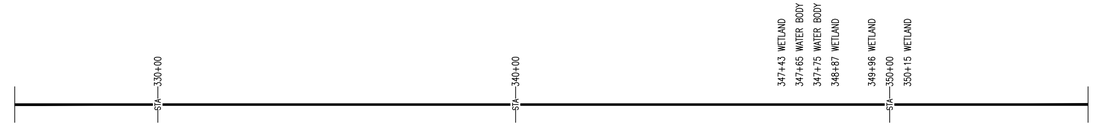
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 265+91 TO STA. 325+91
MP 5 TO MP 6

NO. BL-AP-1006 REV. 5

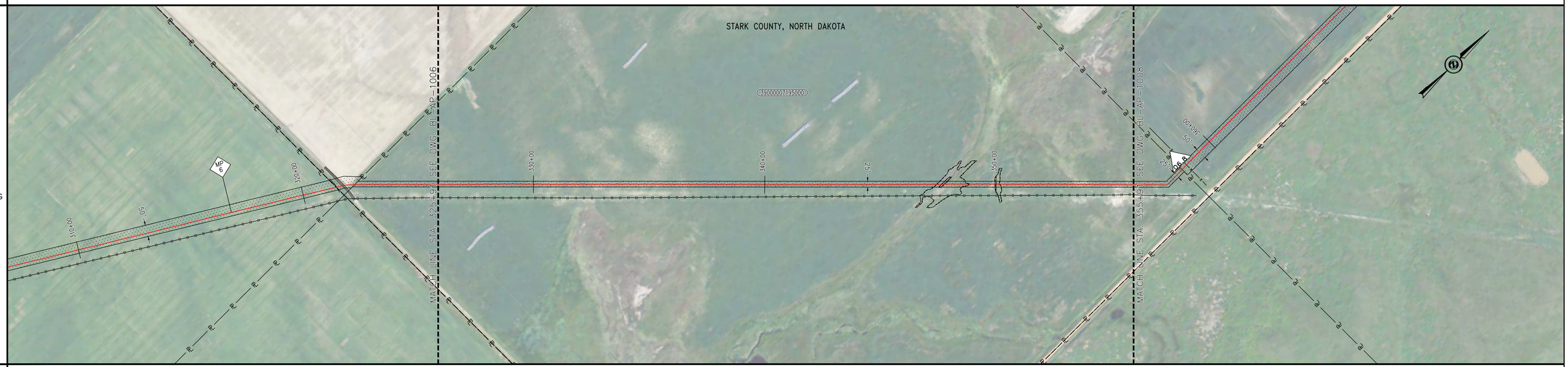
OWNERSHIP



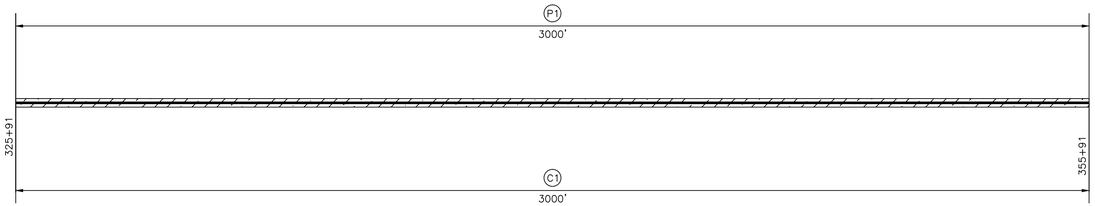
PIPELINE STATIONING



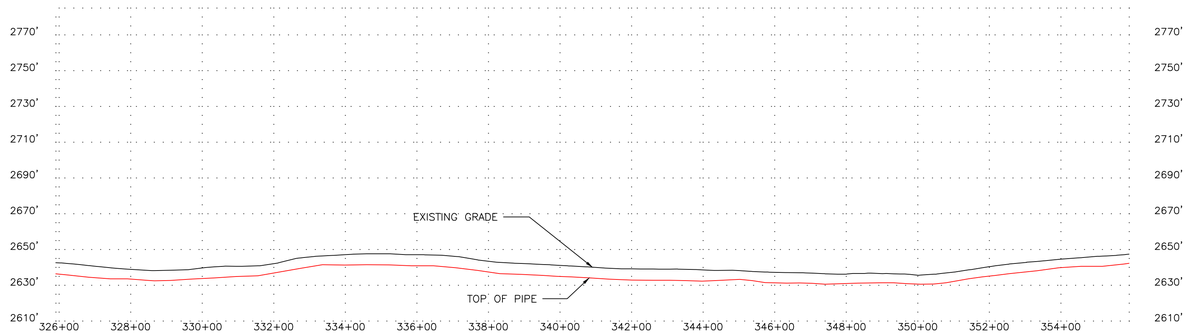
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
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- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
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- GUY WIRE
- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	3000 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3000 LF

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 325+91 TO STA. 355+91
MP 6 TO MP 7

NO. BL-AP-1007
REV. 3

OWNERSHIP

39000007195000 — FRANK, THEODORE D — 14.58 RODS (355+91 to 358+32)

39000007194000 — MASTEL, WILFRED A & VIRGINIA C — 160.12 RODS (358+32 to 384+74)

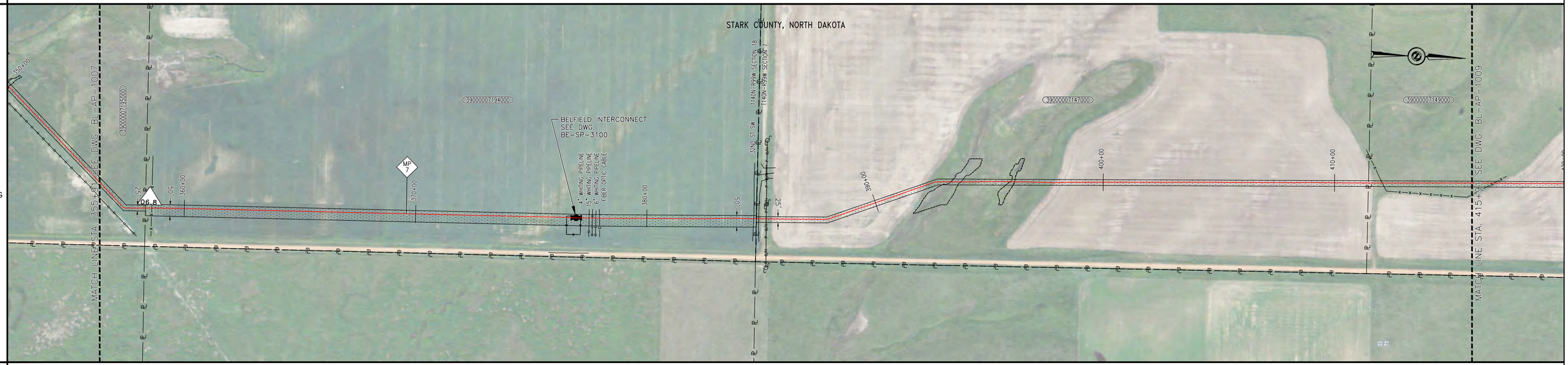
39000007147000 — FRANK, THEODORE D — 161.98 RODS (384+74 to 411+46)

39000007149000 — FRANK, THEODORE D — 26.96 RODS (411+46 to 415+91)

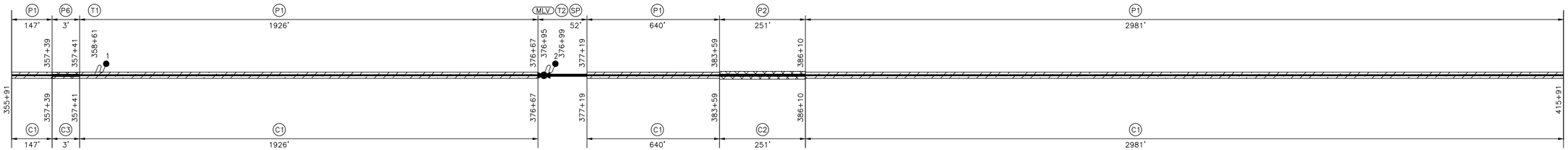
PIPELINE STATIONING

- 357+40 EL < 43° LT.
- 358+32 PROPERTY LINE
- 358+59 FENCE LINE
- 360+00
- 370+00
- 376+54 FENCE LINE & BELFIELD INTERCONNECT
- 376+95 MAINLINE VALVE #10
- 377+14 FENCE LINE & BELFIELD INTERCONNECT
- 377+14 P.I. < 11°51'33" LT.
- 377+50 4" WHITING PIPELINE
- 377+65 15" WHITING PIPELINE
- 377+80 6" WHITING PIPELINE
- 380+00
- 384+62 EDGE OF ROAD
- 384+73 32ND ST SW
- 384+74 PROPERTY LINE & T140N–R89W SECTION 18 & T140N–R89W SECTION 7
- 384+84 EDGE OF ROAD
- 385+16 OVERHEAD POWERLINE
- 387+82 P.I. < 14°53'02" LT.
- 390+00
- 392+74 P.I. < 16°27'16" RT.
- 393+43 WATER BODY
- 393+85 WATER BODY
- 395+97 WETLAND
- 396+17 WETLAND
- 400+00
- 410+00
- 411+46 PROPERTY LINE
- 412+06 FENCE LINE

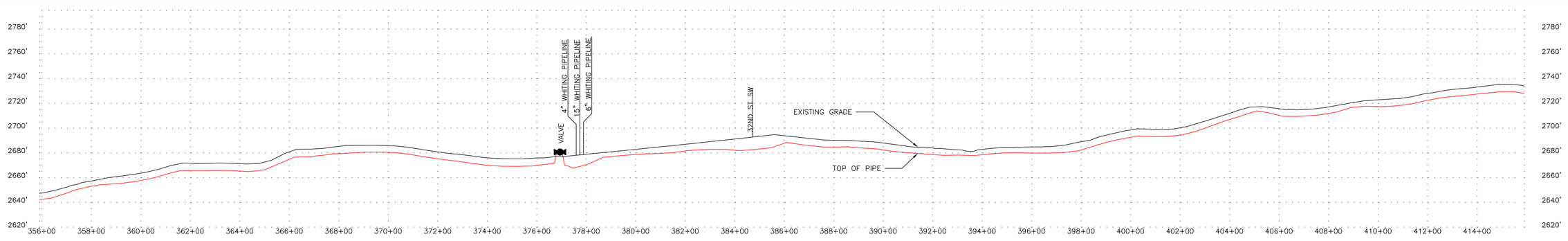
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5694 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	251 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5694 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	251 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
SP	SEE REF. DWG.	52 LF
T1	CP TEST STATION TYPE1	1 EA
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
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3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

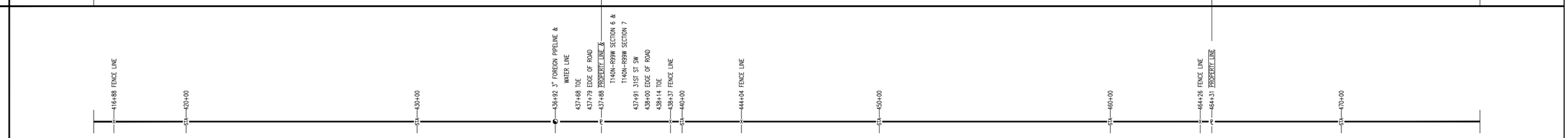
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 355+91 TO STA. 415+91
MP 7 TO MP 8

NO. BL-AP-1008 REV. 4

OWNERSHIP



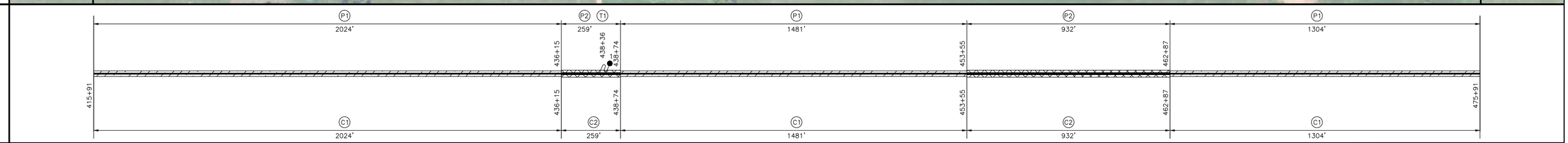
PIPELINE STATIONING



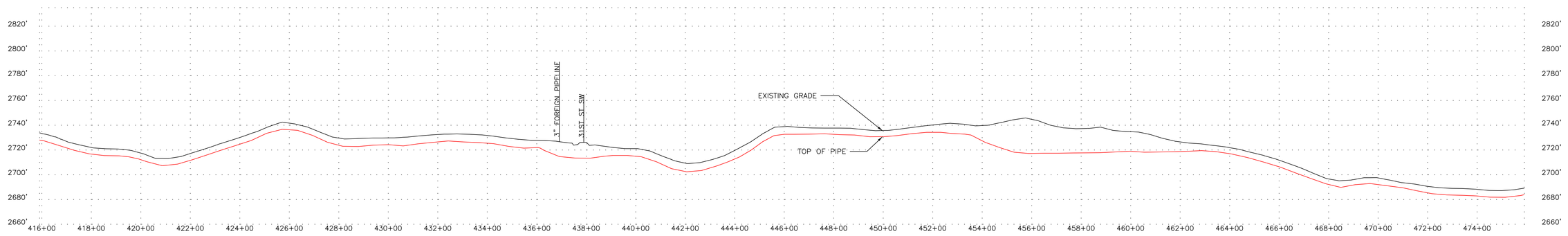
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
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- PROPERTY LINE
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- MILE MARKER (CALC.)
- AERIAL MARKER
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4808 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1192 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4808 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1192 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

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VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
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APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 415+91 TO STA. 475+91
MP 8 TO MP 9

NO. BL-AP-1009

REV. 4

OWNERSHIP

475+91	39000000714100	490+68	39000000714200	500+85	14000000605000	527+29	14000000602000	532+91
	BRAUN, JAMES & JANEL 89.53 RODS		SAFRATOWICH, KATHLEEN 61.60 RODS		SAFRATOWICH ARTHUR & KATHLEEN 160.24 RODS		SAFRATOWICH ARTHUR 34.09 RODS	

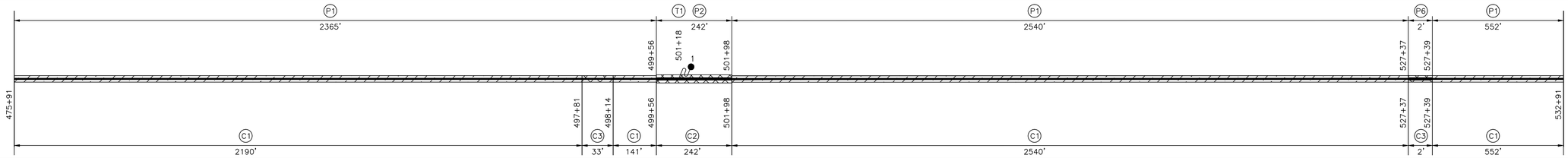
PIPELINE STATIONING

480+00 STA — 490+00 STA — 490+68 PROPERTY LINE — 491+11 FENCE LINE — 491+65 P.I. < 8°51'00" RT. — 500+00 STA — 500+31 UTILITY, UNKNOWN — 500+52 TOE — 500+71 EDGE OF ROAD — 500+80 30TH ST SW — 500+85 T141N-R99W SECTION 34 & PROPERTY LINE & T140N-R99W SECTION 6 — 500+89 EDGE OF ROAD — 500+92 BILLINGS COUNTY & STARK COUNTY — 501+05 TOE — 501+16 OVERHEAD POWERLINE — 502+97 P.I. < 6°19'20" LT. — 510+00 STA — 520+00 STA — 527+29 PROPERTY LINE — 527+38 EL < 36' RT. — 530+00 STA

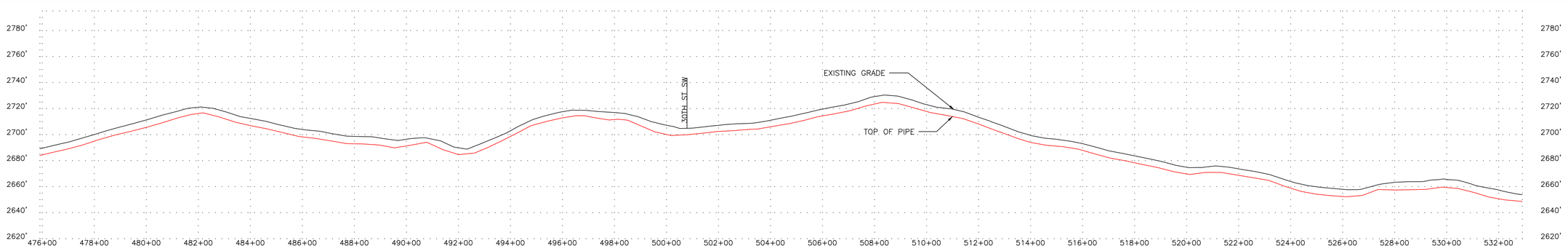
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5423 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	242 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	35 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5456 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	242 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 475+91 TO STA. 532+91
MP 9 TO MP 10

NO. BL-AP-1010 REV. 3

OWNERSHIP



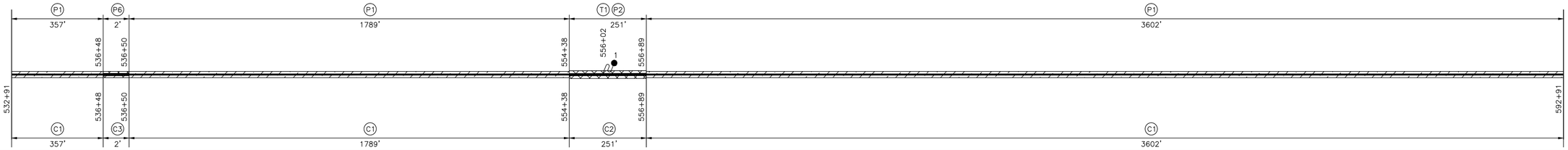
PIPELINE STATIONING



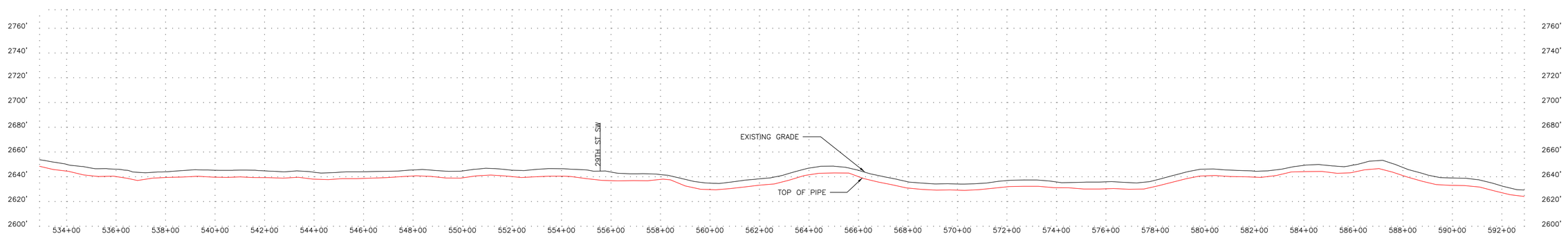
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

RECORD DRAWINGS HAVE BEEN UPDATED BASED ON SURVEY DATA BY BARTLETT & WEST AND FIELD NOTES/OBSERVATIONS PROVIDED BY OTHERS. SOME ITEMS MAY BE SHOWN AS DESIGNED IF INFORMATION WAS NOT PROVIDED. PCS MAKES NO WARRANTY OR GUARANTEE OF ACCURACY OR COMPLETENESS OF THE INFORMATION DEPICTED AND PROVIDED BY OTHERS.

MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5747 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	251 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5747 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	251 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 532+91 TO STA. 592+91
MP 10 TO MP 11

NO. BL-AP-1011

REV. 3

OWNERSHIP

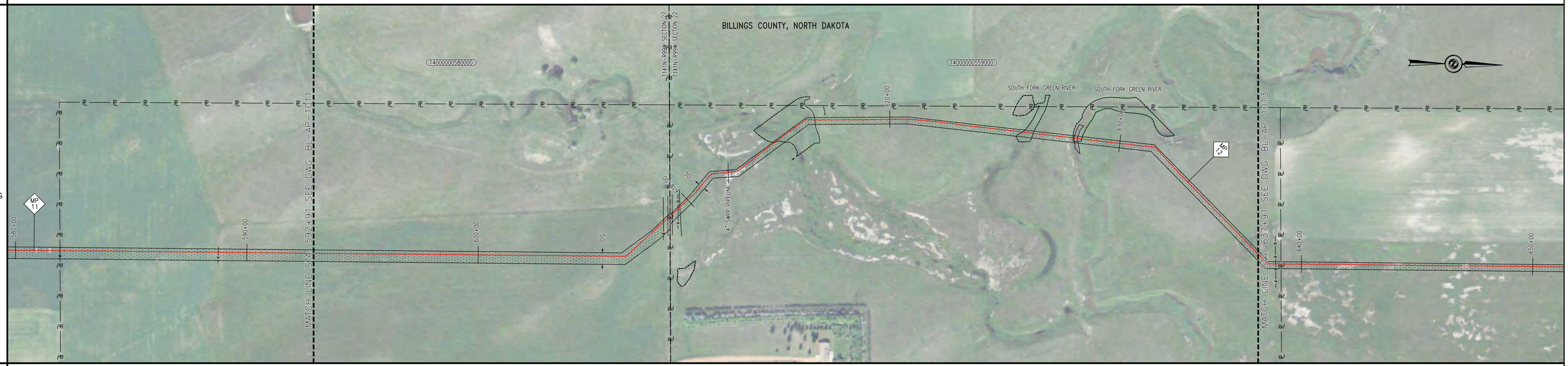
14000000580000
HARTMAN STEVE & KADRMAS CONNIE
97.27 RODS

14000000559000
ODERMANN JAMES AND LEONA
175.45 RODS

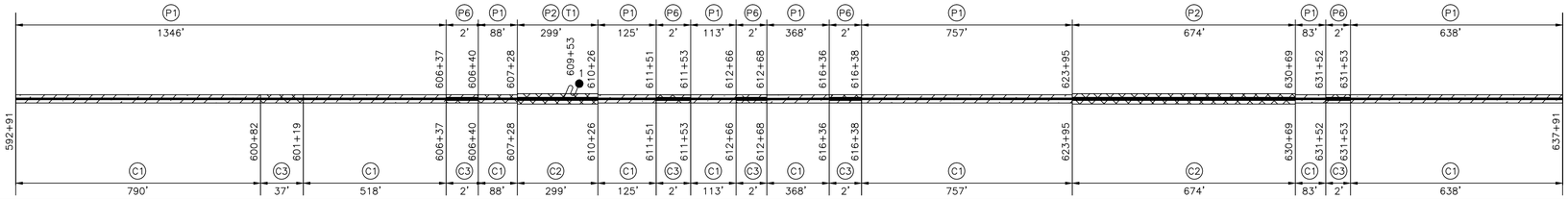
PIPELINE STATIONING

592+91 — 600+00 — 606+39 EL. < 43° LT. — 608+58 FENCE LINE — 608+85 EDGE OF ROAD — 608+96 PROPERTY LINE & T141N-R99W SECTION 27 & T141N-R99W SECTION 22 — 609+09 EDGE OF ROAD — 609+43 FENCE LINE — 609+55 UNDERGROUND POWERLINE — 610+00 — 611+52 EL. < 43° RT. — 612+25 4" SWPP PIPELINE — 612+68 EL. < 33° LT. — 614+74 SOUTH FORK GREEN RIVER — 616+37 EL. < 39° RT. — 616+77 SOUTH FORK GREEN RIVER — 620+00 — 625+78 SOUTH FORK GREEN RIVER — 626+23 SOUTH FORK GREEN RIVER — 627+97 SOUTH FORK GREEN RIVER — 628+33 SOUTH FORK GREEN RIVER — 630+00 — 631+52 EL. < 41° RT. — 637+91

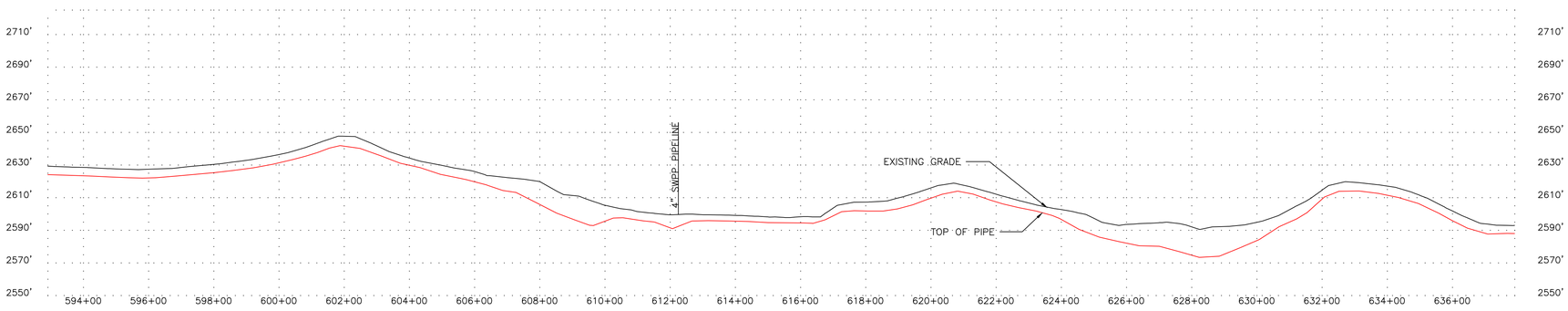
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

C/L PIPELINE
FOREIGN PIPELINE
CL ROAD
EDGE ROAD
CL RAILROAD
FENCE LINE — X — X — X —
OVERHEAD ELECTRIC — P — O/H —
UNDERGROUND ELECTRIC — P — U/G —
CABLE — C — C — C —
UNDERGROUND TELEPHONE — T — U/G —
WATERBODY
CL DITCH
TREELINE — O — O — O — O —

WEEDS
WETLAND BOUNDARY — WB — WB —
TREES/SHRUBS
PROPERTY LINE — P — P —
SECTION LINE
TWP/RNG LINE
COUNTY/PARISH LINE
PERMANENT EASEMENT (PLAN)

MILE MARKER (CALC.)
AERIAL MARKER
LINE MARKER/WARNING
POWER POLE
HDD ENTRY/EXIT
C.P. TEST STATION
MAINLINE VALVE
TREE
GUY WIRE
WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	5 EA
C1	16 MILS FUSION BONDED EPOXY	3480 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	972 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	48 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3518 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	972 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	10 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 592+91 TO STA. 637+91
MP 11 TO MP 12

NO. BL-AP-1012
REV. 4

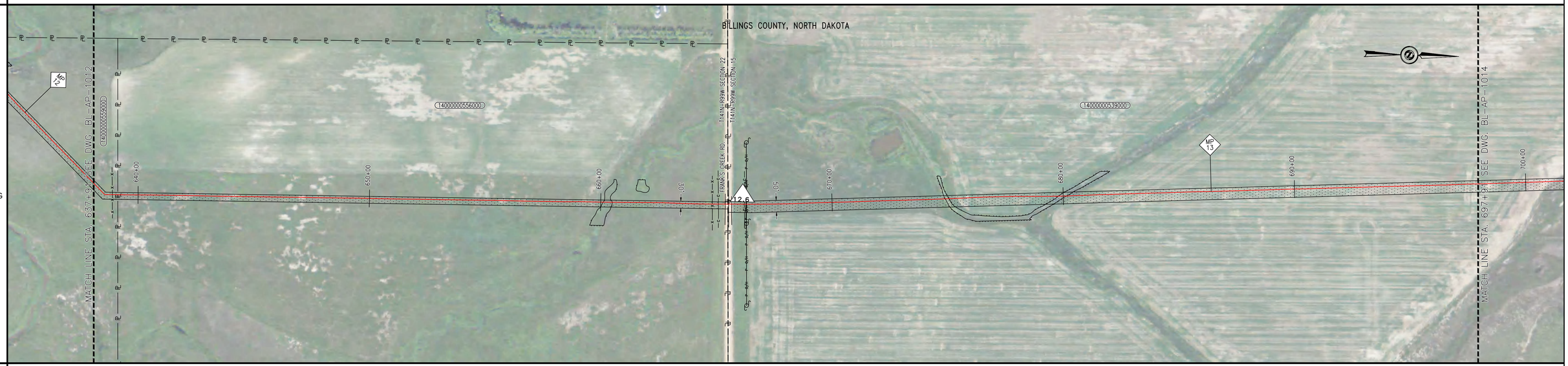
OWNERSHIP

637+91	14000000559000	
	ODERMANN JAMES AND LEONA	
	7.32 RODS	
639+12	14000000556000	
	ODERMANN JAMES AND LEONA	
	159.86 RODS	
665+50	14000000539000	
	WANNER THORWALD & PEGGY	
	196.45 RODS	
697+91		

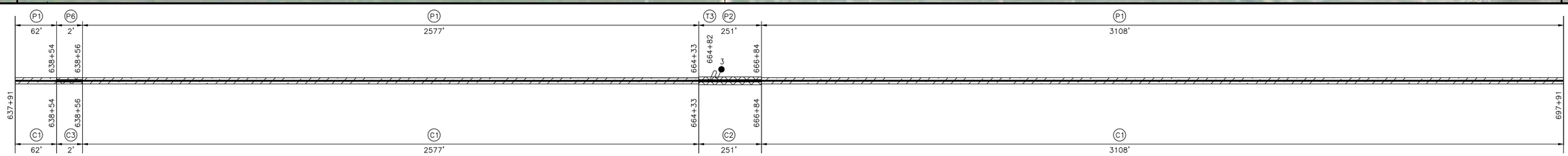
PIPELINE STATIONING

638+55 EL. < 46' LT.
638+89 FENCE LINE
639+12 PROPERTY LINE
640+00
650+00
660+00
660+11 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
660+50 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
664+82 FENCE LINE
665+09 UTILITY_UNKNOWN
665+39 EDGE OF ROAD
665+50 T141N-R99W SECTION 15 & T141N-R99W SECTION 22 & PROPERTY LINE
665+53 FRANK'S CREEK RD.
665+66 EDGE OF ROAD
666+21 UTILITY_UNKNOWN
666+28 FENCE LINE
666+30 OVERHEAD POWERLINE
670+00
674+90 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
675+05 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
679+79 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
680+00
680+13 UNNAMED TRIBUTARY TO SOUTH FORK GREEN RIVER
690+00

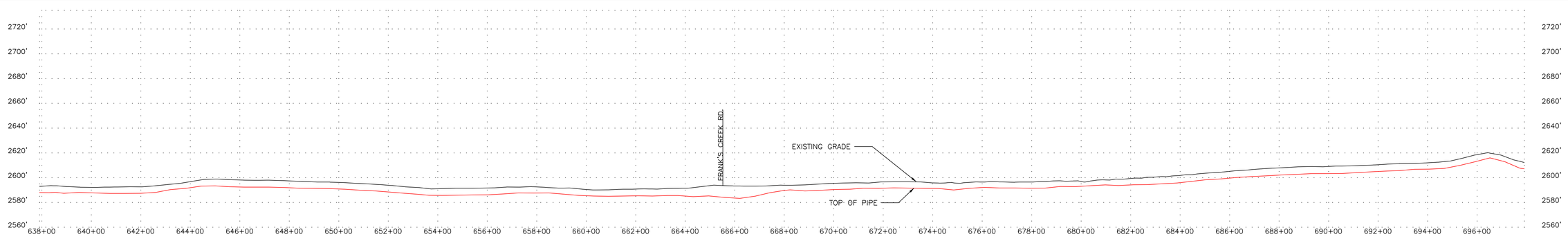
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5747 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	251 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5747 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	251 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T3	CP TEST STATION TYPE3	1 EA

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(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 637+91 TO STA. 697+91
MP 12 TO MP 13

NO. BL-AP-1013
REV. 4

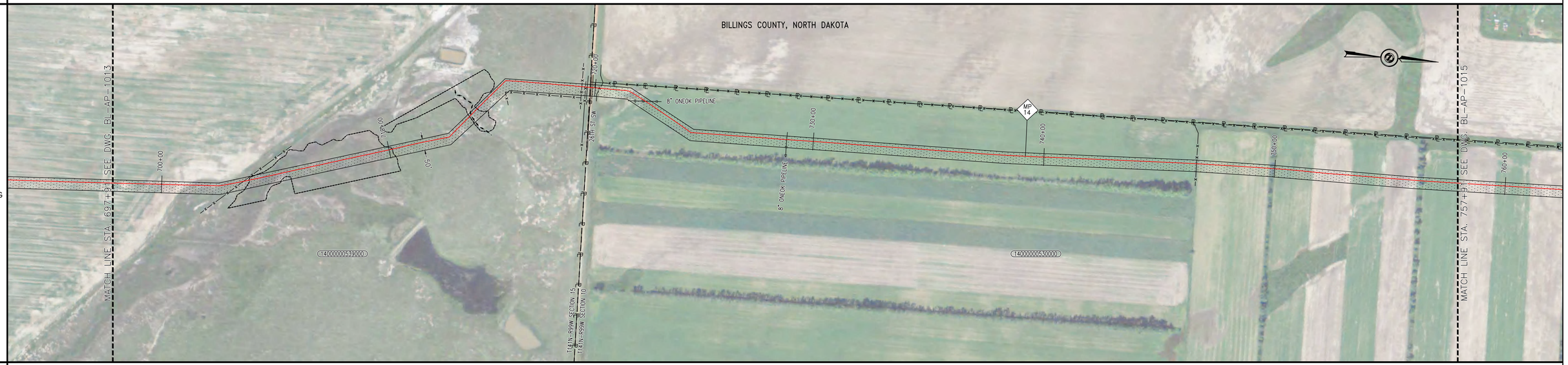
OWNERSHIP

697+91 — 1400000053900O — WANNER THORWALD & PEGGY — 132.53 RODS — 719+78 — 1400000053000O — WANNER THORWALD & PEGGY — 231.11 RODS — 757+91

PIPELINE STATIONING

700+00 (STA)
702+46 P.I. < 8°59'39" LT.
703+56 FENCE LINE
703+80 WETLAND
710+00 (STA)
710+17 WETLAND
712+67 EL. < 34° RT.
713+91 WETLAND
713+99 DRAIN / BAR DITCH
714+38 WETLAND
716+12 EL. < 48° RT.
719+42 FENCE LINE
719+58 FENCE LINE
719+66 EDGE OF ROAD
719+78 PROPERTY LINE & T141N-R99W SECTION 15 & T141N-R99W SECTION 10
719+83 26TH ST SW
719+89 EDGE OF ROAD
720+00 (STA)
720+20 FENCE LINE
721+46 EL. < 17° RT.
722+29 8" ONEOK PIPELINE
724+69 EL. < 36° LT.
728+85 8" ONEOK PIPELINE
730+00 (STA)
740+00 (STA)
746+61 FENCE LINE
750+00 (STA)

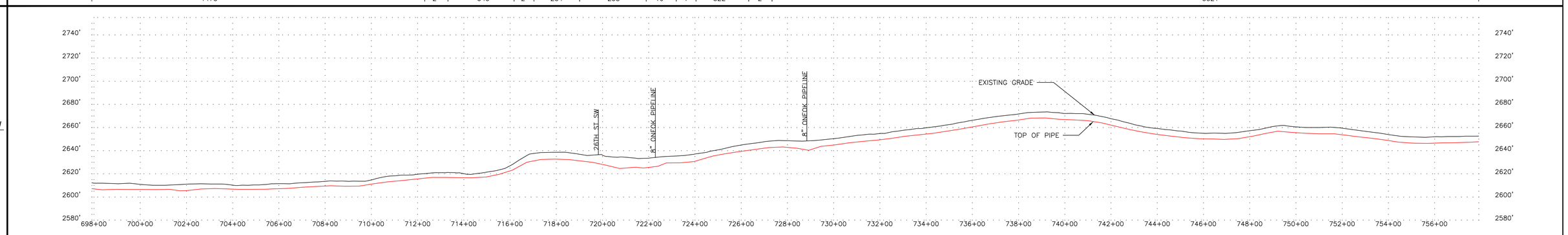
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	P1	P6	P1	T1	P2	P1	P6	P1	P6	P1
	1475'	2'	343'	2'	284'	238'		10'	1'	322'	2'	3321'
697+91	712+66	712+68	716+11	716+13	718+98	720+20		721+35	721+46	721+47	724+69	724+70
757+91	C1	C3	C1	C3	C1	C2		C1	C3	C1	C3	C1
	1475'	2'	343'	2'	284'	238'		10'	1'	322'	2'	3321'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	4 EA
C1	16 MILS FUSION BONDED EPOXY	5755 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	238 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	7 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5755 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	238 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	7 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
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3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 697+91 TO STA. 757+91
MP 13 TO MP 14

NO. BL-AP-1014 REV. 3

OWNERSHIP

757+91 — 1400000053000 — WANNER THORWALD & PEGGY — 91.20 RODS — 772+96

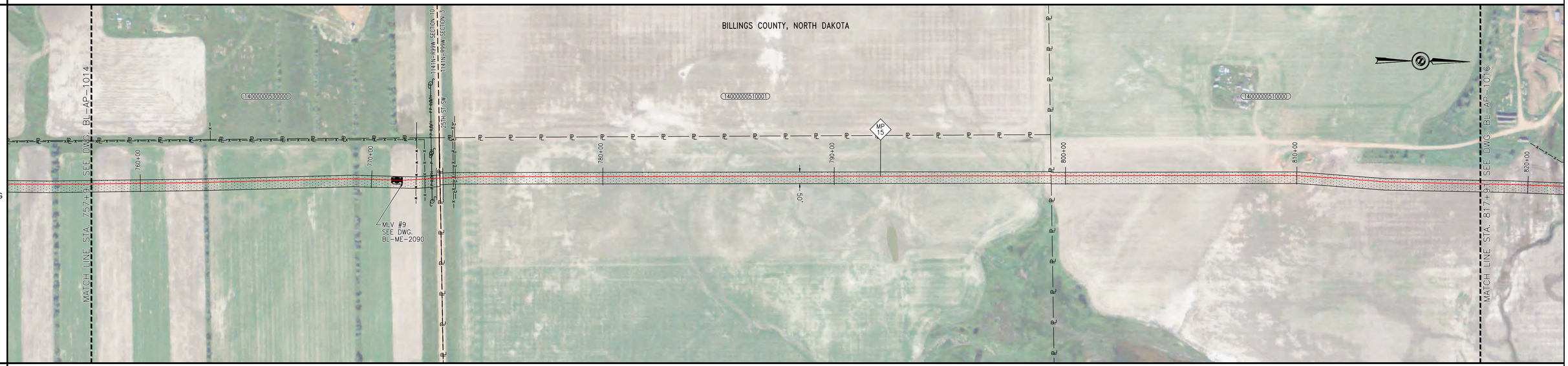
772+96 — 1400000051000 1 — KESSEL ANTHONY ET AL — 160.11 RODS — 793+38

793+38 — 1400000051000 0 — KESSEL ANTHONY & TERESA — 112.32 RODS — 817+91

PIPELINE STATIONING

STA 760+00 | 770+00 | 770+88 P.I. < 8°02'45" RT. | 770+91 MLV 9 SITE | 771+10 MAINLINE VALVE #9 | 771+31 MLV 9 SITE | 771+92 WATER LINE | 772+30 FENCE LINE | 772+60 OVERHEAD POWERLINE | 772+80 EDGE OF ROAD | 772+94 25TH ST SW | 772+96 T141N-R89W SECTION 3 & T141N-R89W SECTION 10 & PROPERTY LINE | 773+09 EDGE OF ROAD | 773+53 FENCE LINE | 773+62 UTILITY_UNKNOWN | 780+00 | 790+00 | 793+38 PROPERTY LINE | 800+00 | 810+00

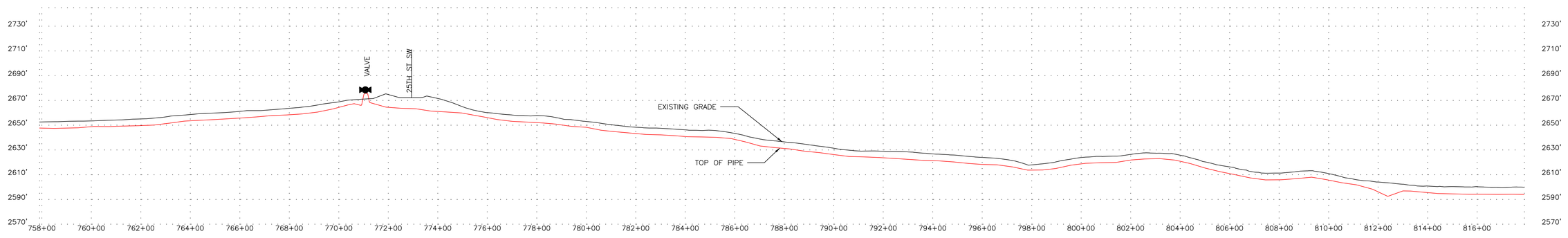
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	MLV	SP	T2	P2	P1	T2
1297'	41"			305'	4356'	
757+91	770+88	771+10	771+29	771+35	774+35	812+20
C1			C2		C1	
1297'			305'		4356'	

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
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- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5653 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	305 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5653 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	305 LF
SP	SEE REF. DWG.	41 LF
T2	CP TEST STATION TYPE2	2 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 757+91 TO STA. 817+91
MP 14 TO MP 15

NO. BL-AP-1015 REV. 4

OWNERSHIP

817+91 — 825+58: 140000000510000 — KESSEL ANTHONY & TERESA — 46.47 RODS

825+58 — 839+16: 190000000912000 — KESSEL LYNETTE — 82.30 RODS

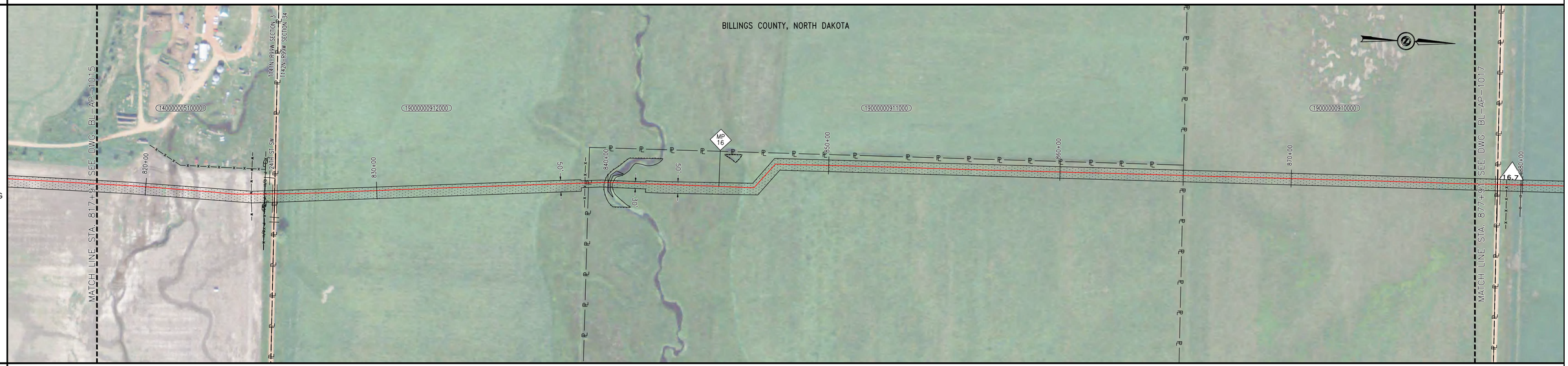
839+16 — 865+33: 190000000911000 — DOOLITTLE BERNARDA ET AL — 158.62 RODS

865+33 — 877+91: 190000000910000 — HARDY ALBERT J ET AL — 76.24 RODS

PIPELINE STATIONING

- 817+91 — STA 820+00
- 824+57 WATER LINE
- 825+15 OVERHEAD POWERLINE
- 825+17 FENCE LINE
- 825+50 EDGE OF ROAD
- 825+58 PROPERTY LINE & T142N-R99W SECTION 34 & T141N-R99W SECTION 3
- 825+59 24TH ST SW
- 825+68 EDGE OF ROAD
- 828+68 P.I. < 6°37'30" LT.
- STA 830+00
- 839+01 FENCE LINE
- 839+16 PROPERTY LINE
- 839+85 UNNAMED TRIBUTARY TO GREEN RIVER
- STA 840+00
- 840+22 UNNAMED TRIBUTARY TO GREEN RIVER
- 846+31 EL. < BEND
- 847+70 EL. < 49° RT.
- STA 850+00
- STA 860+00
- 865+33 PROPERTY LINE
- STA 870+00

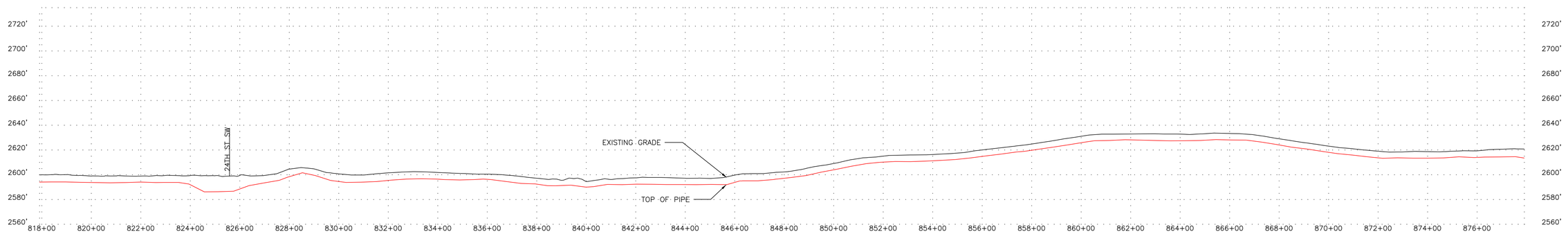
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

817+91	P1 604'	823+95	P2 242'	826+38	P1 1992'	846+30	P6 3'	846+33	P1 136'	847+68	P6 3'	847+71	P1 3020'	877+91
817+91	C1 604'	823+95	C2 242'	826+38	C1 1992'	846+30	C3 3'	846+33	C1 136'	847+68	C3 3'	847+71	C1 3020'	877+91

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5752 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	242 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	6 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5752 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	242 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	6 LF

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REVISIONS

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VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 817+91 TO STA. 877+91
MP 15 TO MP 17

NO. BL-AP-1016 REV. 5

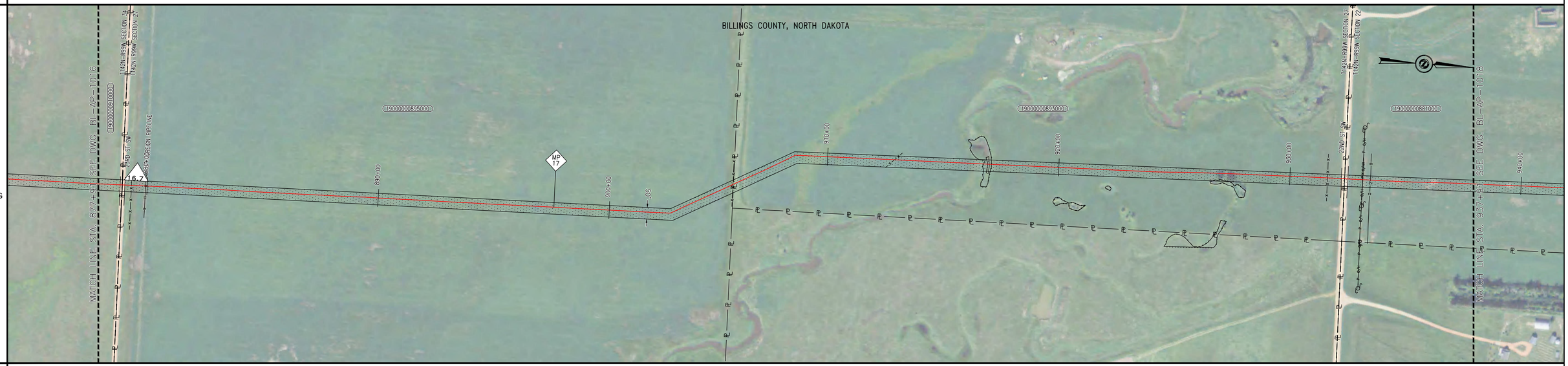
OWNERSHIP

877+91	878+91	905+64	932+37	937+91
19000000091 0000	19000000895000	19000000893000	19000000881000	
HARDY ALBERT J ET AL	JILEK DALE & LORI	HLEBECHUK TOM & TIM	HLEBECHUK TOM A	
6.07 RODS	162.01 RODS	161.95 RODS	33.61 RODS	

PIPELINE STATIONING

878+66 TOE
878+83 EDGE OF ROAD
878+91 PROPERTY LINE & T142N-R99W SECTION 27 & T142N-R99W SECTION 34
878+93 23RD ST SW
879+03 EDGE OF ROAD
879+21 TOE
879+32 FENCE LINE
879+94 3" FOREIGN PIPELINE
880+00
900+00
902+64 EL. < 27' RT.
905+62 FENCE LINE
905+64 PROPERTY LINE
908+60 EL. < 29' RT.
910+00
912+89 FENCE LINE
916+75 WATER BODY
917+09 WATER BODY
920+00
930+00
931+63 FENCE LINE
931+94 TOE
932+23 EDGE OF ROAD
932+36 22ND ST SW
932+37 PROPERTY LINE & T142N-R99W SECTION 22 & T142N-R99W SECTION 27
932+51 EDGE OF ROAD
932+76 TOE
933+14 FENCE LINE
933+15 OVERHEAD POWERLINE
933+48 UTILITY_UNKNOWN

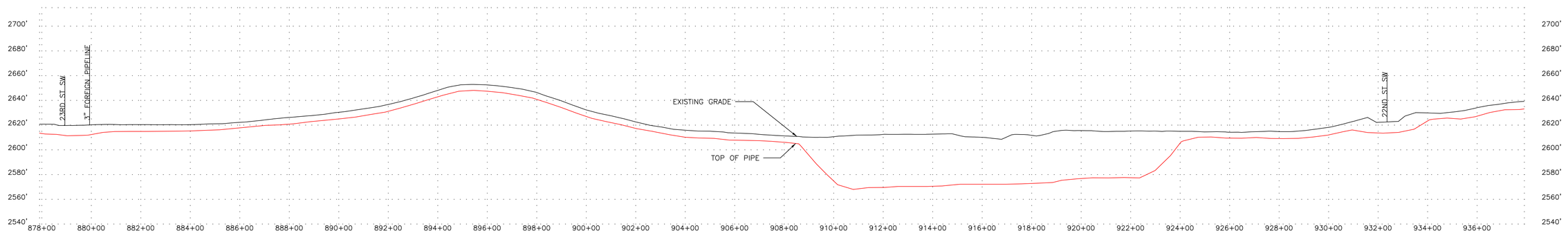
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	T3	P2	P1	P6	P1	P6	P1	P2	P1	P2	T1	P1
	23'	233'		2216'	2'	594'	2'	8'	1535'	691'	328'		368'
877+91	878+14	879+38	880+48	902+63	902+65	908+59	908+61	908+69	924+04	930+96	933+13	934+23	937+91
	C1	C2		C1	C3	C1	C3	C1	C2	C1	C2		C1
	23'	233'		2216'	2'	594'	2'	8'	1535'	691'	328'		368'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	3901 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	2096 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3901 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	2096 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T1	CP TEST STATION TYPE1	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D MRI DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 877+91 TO STA. 937+91
MP 17 TO MP 18

NO. BL-AP-1017
REV. 5

OWNERSHIP

937+91 — 19000000881000 — HLEBECHUK TOM A — 131.09 RODS — 952+54 — 19000000880000 — HLEBECHUK TOM & TIM — 160.03 RODS — 985+95 — 19000000856000 — ANHELUK FAMILY TRUST — 72.51 RODS — 997+91

PIPELINE STATIONING

940+00 (STA) — 943+38 EL. < 40' RT. (EL) — 946+67 EL. < 39' LT. (EL) — 950+00 (STA) — 959+54 FENCE LINE & PROPERTY LINE (X) — 960+00 (STA) — 970+00 (STA) — 980+00 (STA) — 984+53 3" ONEOK PIPELINE — 984+55 8" ONEOK PIPELINE — 985+68 FENCE LINE — 985+95 PROPERTY LINE & T142N-R95W SECTION 15 & T142N-R95W SECTION 22 & EDGE OF ROAD — 986+02 21ST ST SW — 986+09 EDGE OF ROAD — 987+01 MLV 8 SITE — 987+22 MAINLINE VALVE #8 — 987+41 MLV 8 SITE — 990+00 (STA)

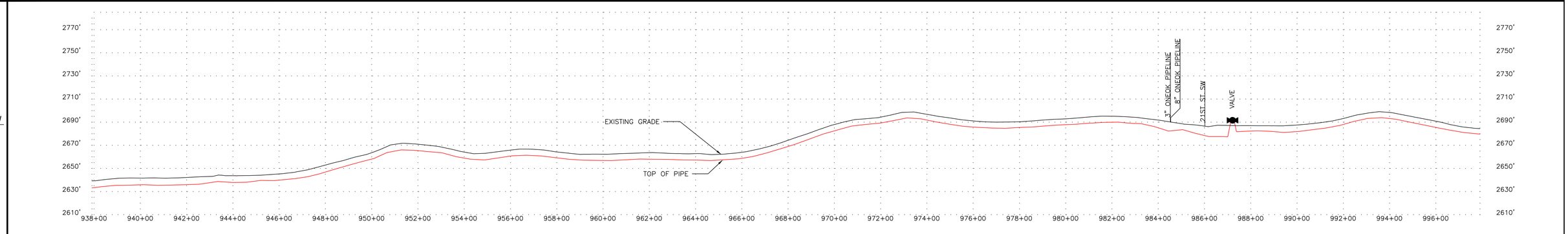
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	P1	P6	P1	T2	P2	P1	MLV	SP	P1
	546'	2'	327'	2'	3839'		175'	15'		48'	1047'
	937+91	943+37	943+39	946+66	946+68		985+07	985+69	986+81	986+96	987+22	987+44	997+91
	C1	C3	C1	C3	C1		C2	C1			C1
	546'	2'	327'	2'	3839'		175'	15'			1047'

PROFILE VIEW



LEGEND

C/L PIPELINE
FOREIGN PIPELINE
CL ROAD
EDGE ROAD
CL RAILROAD
FENCE LINE — X — X — X —
OVERHEAD ELECTRIC — P — O/H —
UNDERGROUND ELECTRIC — P — U/G —
CABLE — C — C — C —
UNDERGROUND TELEPHONE — T — U/G —
WATERBODY
CL DITCH
TREELINE — O — O — O — O —

WEEDS
WETLAND BOUNDARY — WB — WB —
TREES/SHRUBS
PROPERTY LINE — PL — PL —
SECTION LINE
TWP/RNG LINE
COUNTY/PARISH LINE
PERMANENT EASEMENT (PLAN)

MILE MARKER (CALC.)
AERIAL MARKER
LINE MARKER/WARNING
POWER POLE
HDD ENTRY/EXIT
C.P. TEST STATION
MAINLINE VALVE
TREE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5773 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	175 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5773 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	175 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
SP	SEE REF. DWG.	48 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 937+91 TO STA. 997+91
MP 18 TO MP 19

NO. BL-AP-1018 REV. 5

OWNERSHIP

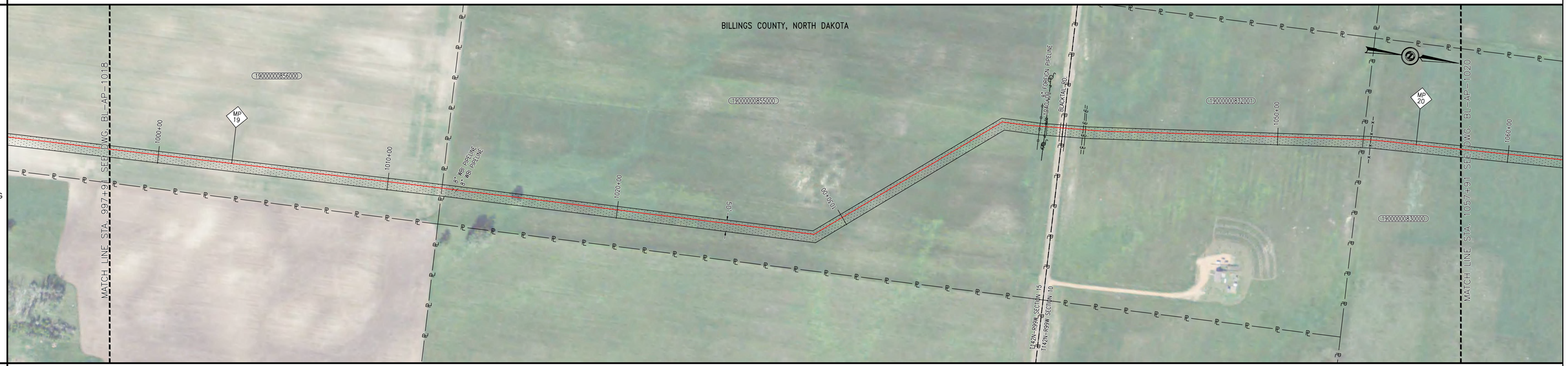
997+91 — 1012+36 — 1040+70 — 1053+70 — 1057+91

997+91 – 1012+36	1012+36 – 1040+70	1040+70 – 1053+70	1053+70 – 1057+91
19000000856000	19000000855000	19000000832001	19000000830000
ANHELUK FAMILY TRUST	KORDONOWY LOREN C.	KORDONOWY LOREN & WENDY	BARANKO OREST T & PHYLLIS
87.55 RODS	171.78 RODS	78.77 RODS	25.53 RODS

PIPELINE STATIONING

- 1000+00
- 1010+00
- 1012+36 PROPERTY LINE
- 1012+83 6" WBI PIPELINE
- 1013+00 8" WBI PIPELINE
- 1020+00
- 1028+58 EL. < 38° LT.
- 1030+00
- 1038+05 EL. < 38° RT.
- 1039+70 8" FOREIGN PIPELINE
- 1039+95 OVERHEAD POWERLINE & OVERHEAD POWERLINE
- 1040+00
- 1040+22 TOE
- 1040+59 EDGE OF ROAD
- 1040+70 BLACKTAIL RD. & PROPERTY LINE &
- T142N-R99W SECTION 10 & T142N-R99W SECTION 15
- 1040+83 EDGE OF ROAD
- 1041+11 TOE
- 1041+58 UTILITY_UNKNOWN
- 1041+68 UTILITY_UNKNOWN
- 1050+00
- 1053+70 PROPERTY LINE
- 1054+03 FENCE LINE

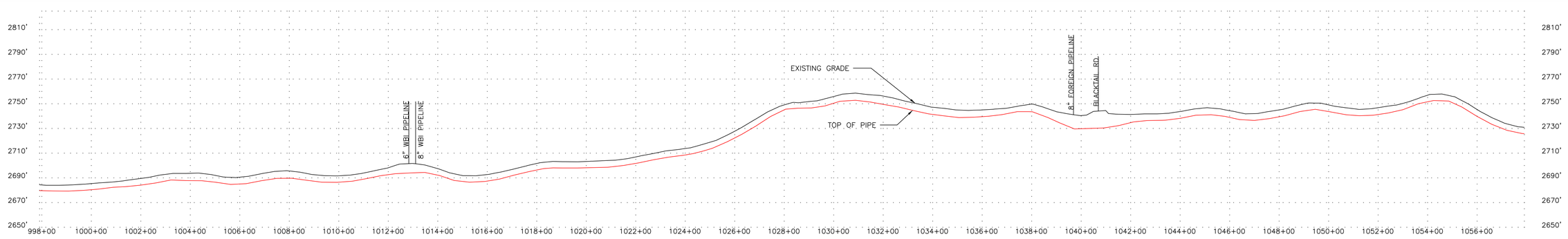
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	997+91 – 1012+49	1012+49 – 1028+57	1028+57 – 1028+59	1028+59 – 1038+04	1038+04 – 1038+06	1038+06 – 1039+12	1039+12 – 1041+34	1041+34 – 1042+13	1042+13 – 1057+91
	P1	T2	P6	P1	P6	P1	T3 P2		P1
	3065'		2'	946'	2'	106'	300'		1579'
	2						3		
	C1		C3	C1	C3	C1	C2		C1
	3065'		2'	946'	2'	106'	300'		1579'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
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C1	16 MILS FUSION BONDED EPOXY	5696 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	300 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5696 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	300 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T2	CP TEST STATION TYPE2	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

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3	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
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CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 997+91 TO STA. 1057+91
MP 19 TO MP 20

NO. BL-AP-1019 REV. 3

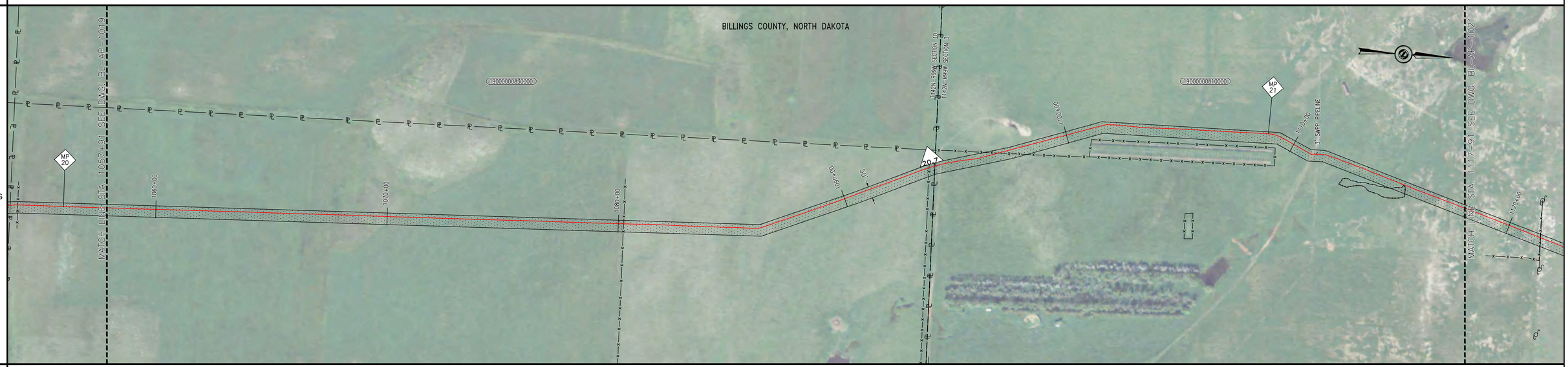
OWNERSHIP

1057+91 — 19000000830000 — BARANKO OREST T & PHYLLIS — 219.61 RODS — 1094+15 — 19000000810000 — BARANKO DALE — 144.03 RODS — 1117+91

PIPELINE STATIONING

1060+00 — 1070+00 — 1080+00 — 1080+23 FENCE LINE — 1085+69 P.I. < 7°25'11" RT. — 1085+78 P.I. < 9°54'01" LT. — 1086+11 P.I. < 14°29'02" LT. — 1090+00 — 1093+89 FENCE LINE — 1094+15 PROPERTY LINE & T142N-R99W SECTION 3 & T142N-R99W SECTION 10 — 1096+08 P.I. < 10°29'05" LT. — 1096+95 FENCE LINE — 1100+00 — 1101+80 P.I. < 15°15'31" RT. — 1109+04 P.I. < 17°15'41" RT. — 1110+00 — 1110+84 P.I. < 45°07'35" RT. — 1110+86 EL < 74' LT. — 1110+86 P.I. < 74°07'10" LT. — 1111+12 3" SWPP PIPELINE — 1111+49 P.I. < 12°34'13" RT. — 1115+13 WETLAND & WETLAND

PLAN
MOP = 1480 PSIG

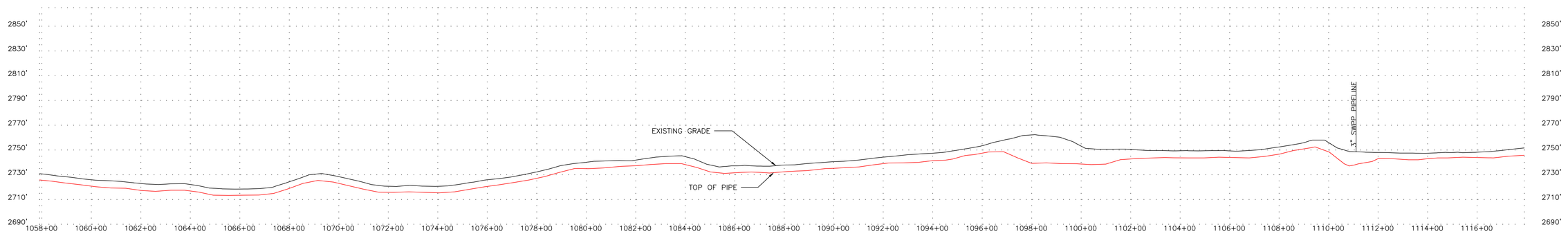


MATERIAL AND COATING

	P1	T1	P2	P1	P2	P1	P6	P1
	3610'		81'	144'	534'	925'	2'	705'
1057+91		1093+86	1094+01	1094+82	1096+26	1101+60	1110+84	1110+86
	C1		C2	C1	C2	C1	C3	C1
	3610'		81'	144'	534'	925'	2'	705'
			1094+01	1094+82	1096+26	1101+60	1110+84	1110+86

1117+91

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

RECORD DRAWINGS HAVE BEEN UPDATED BASED ON SURVEY DATA BY BARTLETT & WEST AND FIELD NOTES/OBSERVATIONS PROVIDED BY OTHERS. SOME ITEMS MAY BE SHOWN AS DESIGNED IF INFORMATION WAS NOT PROVIDED. PCS MAKES NO WARRANTY OR GUARANTEE OF ACCURACY OR COMPLETENESS OF THE INFORMATION DEPICTED AND PROVIDED BY OTHERS.

MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5384 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	614 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5384 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	614 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1057+91 TO STA. 1117+91
MP 20 TO MP 21

NO. BL-AP-1020 REV. 4

OWNERSHIP

1900000008100000
BARANKO DALE
188.05 RODS

2400000011520000
BARANKO OREST T & PHYLLIS
163.46 RODS

1117+91 | 1148+94 | 1175+91

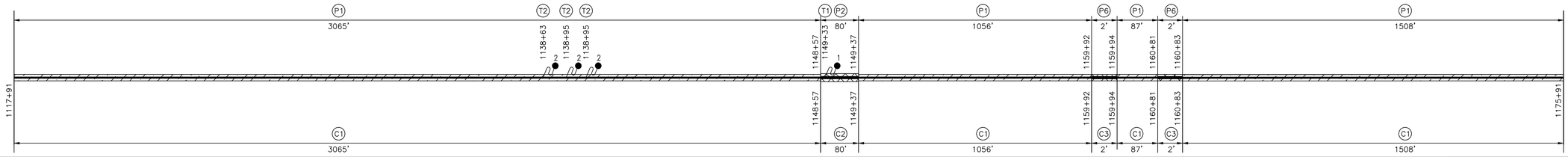
PIPELINE STATIONING

1120+00 5A
1121+43 FENCE LINE
1121+46 OVERHEAD POWERLINE
1130+00 5A
1138+62 12" TESORO PIPELINE
1138+95 10" ONEOK PIPELINE
1140+00 5A
1145+49 P.I. < 10°20'19" LT.
1148+01 TELEPHONE UG
1148+75 GATE
1148+76 FENCE LINE
1148+91 EDGE OF ROAD
1148+94 PROPERTY LINE &
T142N-R99W SECTION 34 &
T142N-R99W SECTION 3
1148+96 18TH ST
1149+05 EDGE OF ROAD
1149+32 GATE
1149+33 FENCE LINE
1150+00 5A
1152+17 WETLAND & WETLAND
1152+42 WETLAND
1154+34 WETLAND
1155+46 WETLAND
1159+93 EL < 30' LT.
1160+00 5A
1160+30 10" SWPP PIPELINE
1160+82 EL < 31' RT.
1170+00 5A
1174+70 UNNAMED TRIBUTARY TO SPRING CREEK
1175+52 UNNAMED TRIBUTARY TO SPRING CREEK

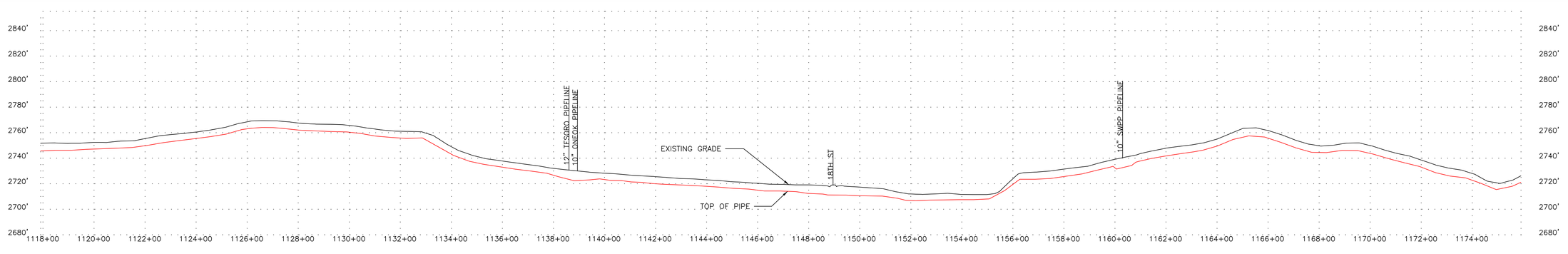
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5716 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	80 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5716 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	80 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	1 EA
T2	CP TEST STATION TYPE2	3 EA

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METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1117+91 TO STA. 1175+91
MP 21 TO MP 22

NO. BL-AP-1021
REV. 3

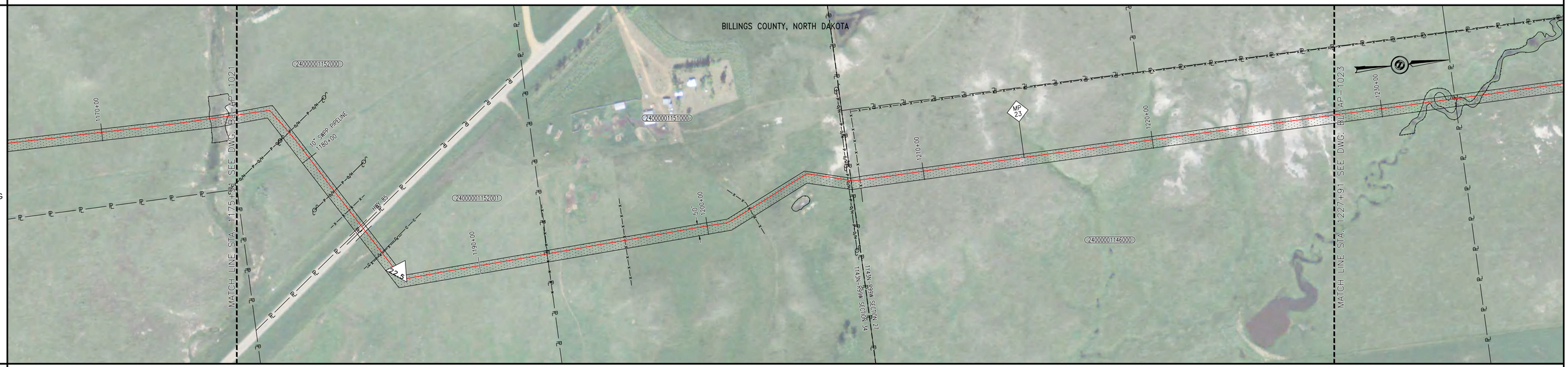
OWNERSHIP

1175+91	2400000011152000	1183+73	2400000011152001	1192+97	2400000011151000	1206+85	2400000011146000	1227+91
	BARANKO OREST T & PHYLLIS 47.40 RODS		EGLY EDWIN & GWEN 56.00 RODS		EGLY EDWIN & GWEN 84.10 RODS		MALKOWSKI KASEY & DARNYL 127.65 RODS	

PIPELINE STATIONING

1177+32 EL < 59' RT.
1178+59 OVERHEAD POWERLINE
1179+57 10" SWPP PIPELINE
1180+00 STA
1181+79 OVERHEAD POWERLINE
1182+83 FENCE LINE
1183+15 TOE
1183+66 EDGE OF ROAD
1183+73 PROPERTY LINE
1183+84 HWY 85
1184+00 EDGE OF ROAD
1184+36 TOE
1184+49 TOE
1185+15 UTILITY_UNKNOWN
1185+19 FENCE LINE
1186+60 EL < 67' LT.
1190+00 STA
1192+97 PROPERTY LINE
FENCE LINE
1196+39 FENCE LINE
1200+00 STA
1200+84 P.I. < 14°15'37" LT.
1201+06 P.I. < 8°27'03" LT.
1202+01 FENCE LINE
1204+91 OVERHEAD POWERLINE
T143N-R99W SECTION 34 &
T143N-R99W SECTION 27
1206+92 P.I. < 14°21'53" LT.
1206+85 PROPERTY LINE
1207+24 FENCE LINE
1210+00 STA
1220+00 STA

PLAN
MOP = 1480 PSIG



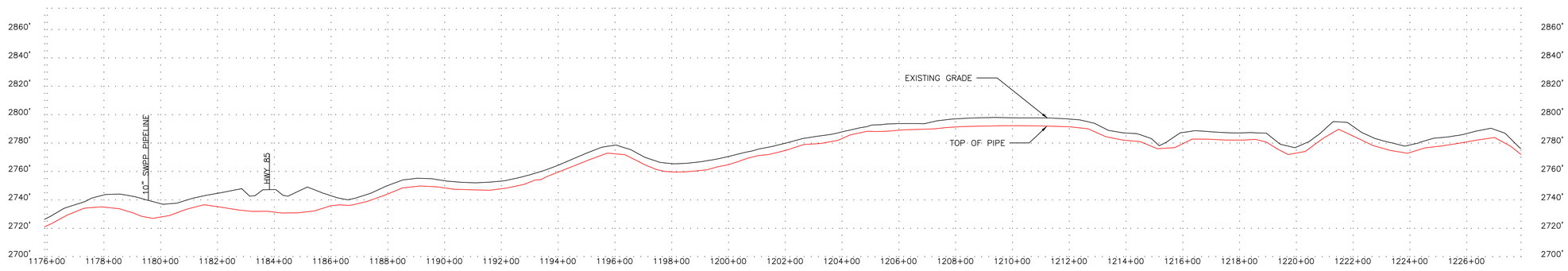
MATERIAL AND COATING

P1	P6	P1	P2	T1	P1	P6	P1	T1	P2	P1	P6	P1
139'	2'	421'	446'		59'	3'	658'		21'	1149'	2'	2300'

1175+91 | 1177+30 | 1177+32 | 1181+53 | 1185+18 | 1186+00 | 1186+59 | 1186+62 | 1192+98 | 1193+20 | 1193+40 | 1204+90 | 1204+92 | 1227+91

C1	C3	C1	C2	C1	C3	C1	C2	C1	C3	C1
139'	2'	421'	446'	59'	3'	658'	21'	1149'	2'	2300'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.) MP
- AERIAL MARKER AM
- LINE MARKER/WARNING PW
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	4725 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	467 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4725 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	467 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF
T1	CP TEST STATION TYPE1	2 EA

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3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'

DRAWN	WGA	DATE 12/13/13
CHK'D	EDG	DATE 04/14/14
APPROVED	MRI	DATE 04/14/14

PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1175+91 TO STA. 1227+91
MP 22 TO MP 23

NO. BL-AP-1022 REV. 4

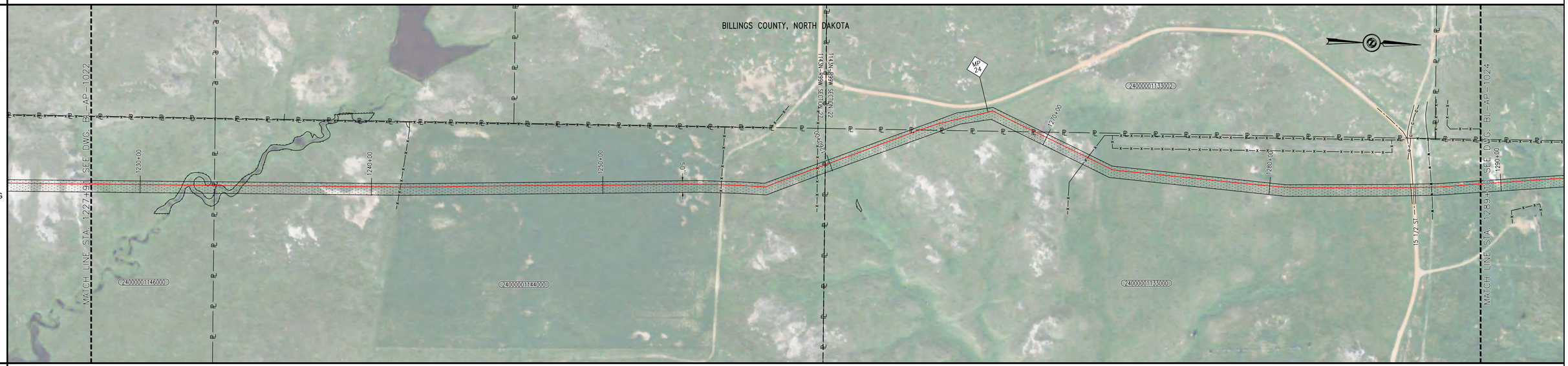
OWNERSHIP

1227+91	2400000011146000	1233+21	2400000011144000	1264+79	2400000011330000	1264+15	2400000011330002	1269+46	2400000011330000	1289+10
	MALKOWSKI KASEY & DARNYL		CLEMENT DWAYNE A.		MALKOWSKI KASEY & DARNYL		MALKOWSKI KASEY & DARNYL		MALKOWSKI KASEY & DARNYL	
	32.10 RODS		161.10 RODS		26.43 RODS		32.16 RODS		177.61 RODS	

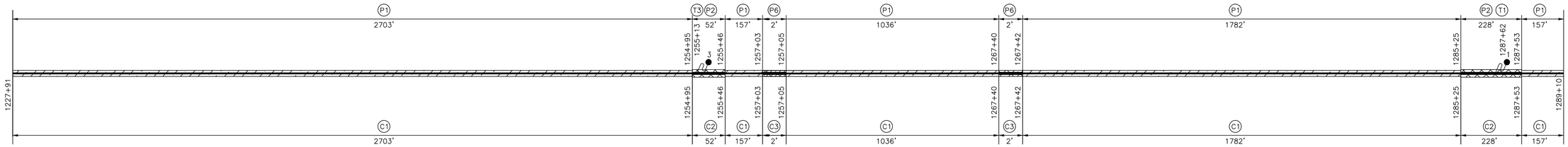
PIPELINE STATIONING

- 1230+00 STA
- 1231+83 UNNAMED TRIBUTARY TO SPRING CREEK
- 1232+33 UNNAMED TRIBUTARY TO SPRING CREEK
- 1232+88 UNNAMED TRIBUTARY TO SPRING CREEK
- 1232+98 UNNAMED TRIBUTARY TO SPRING CREEK
- 1233+21 PROPERTY LINE
- 1233+36 UNNAMED TRIBUTARY TO SPRING CREEK
- 1233+54 UNNAMED TRIBUTARY TO SPRING CREEK
- 1234+14 UNNAMED TRIBUTARY TO SPRING CREEK
- 1234+42 UNNAMED TRIBUTARY TO SPRING CREEK
- 1240+00 STA
- 1241+25 FENCE LINE
- 1250+00 STA
- 1255+13 FENCE LINE
- 1257+04 EL. < 25' LT.
- 1259+43 FENCE LINE
- 1259+79 PROPERTY LINE & T143N-R99W SECTION 22 & T143N-R99W SECTION 27
- 1260+00 STA
- 1264+15 PROPERTY LINE
- 1267+42 EL. < 40' RT.
- 1269+46 PROPERTY LINE
- 1270+00 STA
- 1271+98 FENCE LINE
- 1273+18 P.I. < 14°57'56" LT.
- 1280+00 STA
- 1286+11 EDGE OF ROAD
- 1286+20 15 1/2 ST
- 1286+28 EDGE OF ROAD
- 1287+00 WATER LINE

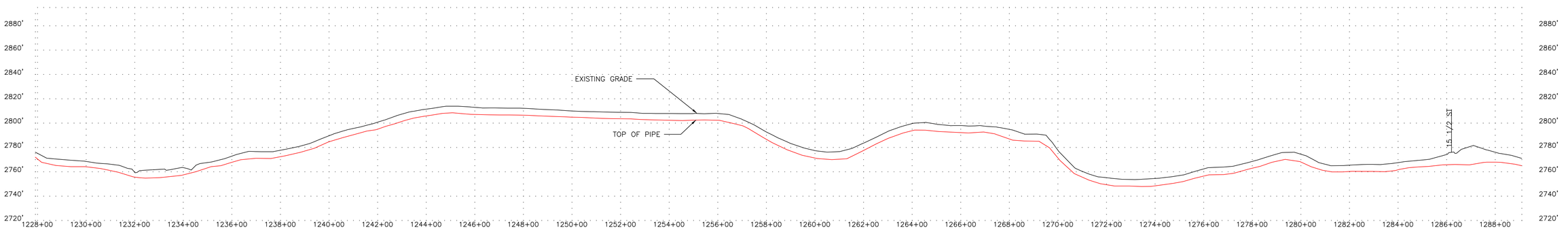
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5835 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	280 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5835 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	280 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1227+91 TO STA. 1289+10
MP 23 TO MP 24

NO. BL-AP-1023 REV. 5

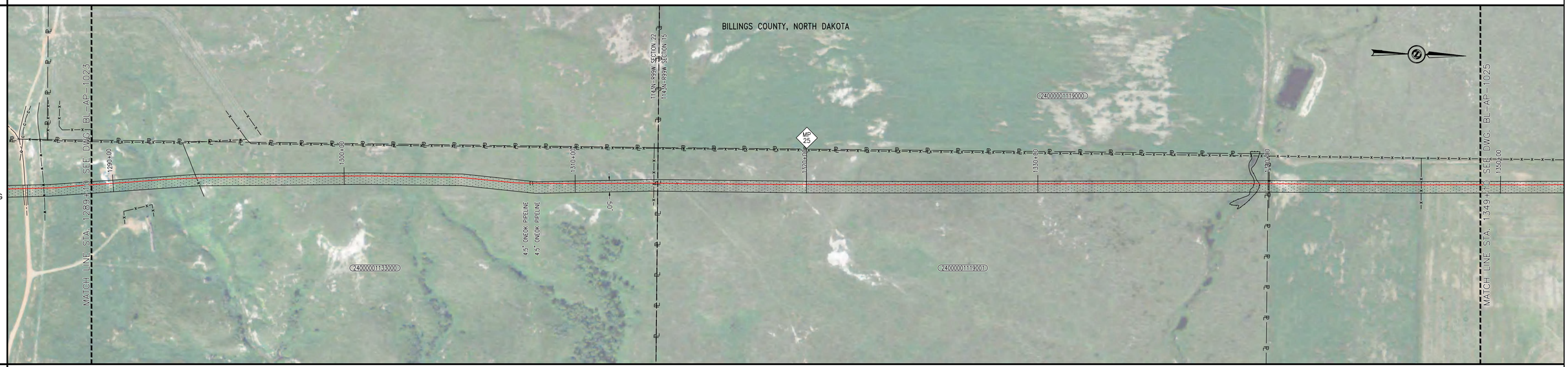
OWNERSHIP

1289+10 — 240000001133000 — MALKOWSKI KASEY & DARNYL — 148.32 RODS — 1313+57 — 240000001119001 — MALKOWSKI KASEY & DARNYL — 159.89 RODS — 1339+95 — 240000001119000 — MARX PATRICK & KRISTY — 55.43 RODS — 1349+10

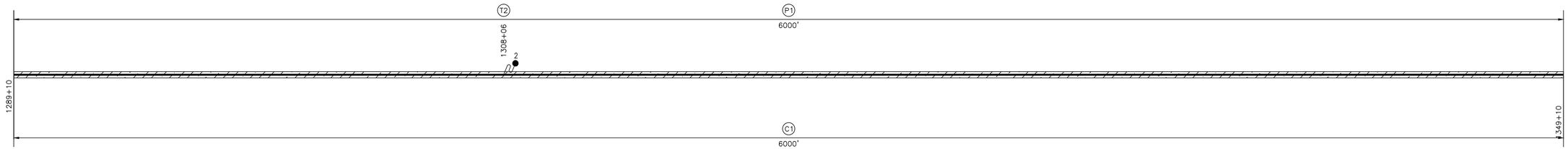
PIPELINE STATIONING

1290+00 — 57A — 1293+62 FENCE LINE — 1300+00 — 57A — 1308+05 4.5" ONEOK PIPELINE — 1308+16 4.5" ONEOK PIPELINE — 1310+00 — 57A — 1313+40 FENCE LINE — 1313+57 PROPERTY LINE & T143N-R99W SECTION 15 & T143N-R99W SECTION 22 — 1314+40 0 — 1320+00 — 57A — 1330+00 — 57A — 1339+35 UNNAMED TRIBUTARY TO WHITETAIL CREEK — 1339+57 UNNAMED TRIBUTARY TO WHITETAIL CREEK — 1339+95 PROPERTY LINE — 1340+00 FENCE LINE — 1346+57 FENCE LINE

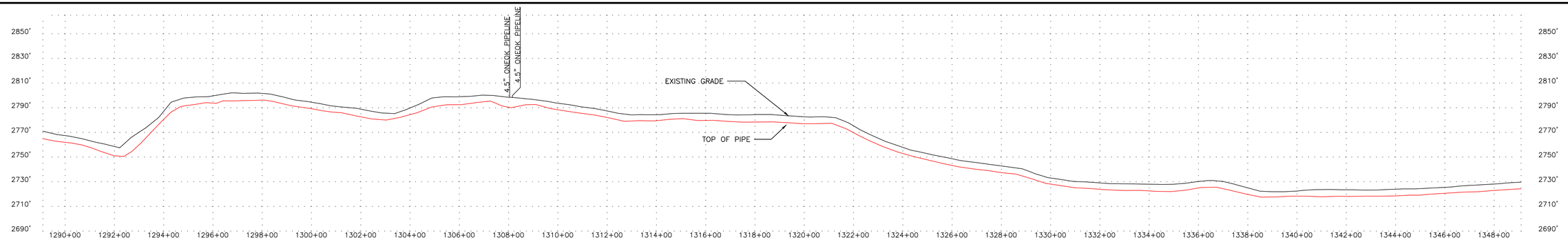
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	6000 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	6000 LF
T2	CP TEST STATION TYPE2	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1289+10 TO STA. 1349+10
MP 24 TO MP 26

NO. BL-AP-1024 REV. 5

OWNERSHIP

1349+10 — 1366+36 — 1394+10

(2400000011190000) MARX PATRICK & KRISTY 104.63 RODS

(2400000011090000) MARX PATRICK & KRISTY 168.09 RODS

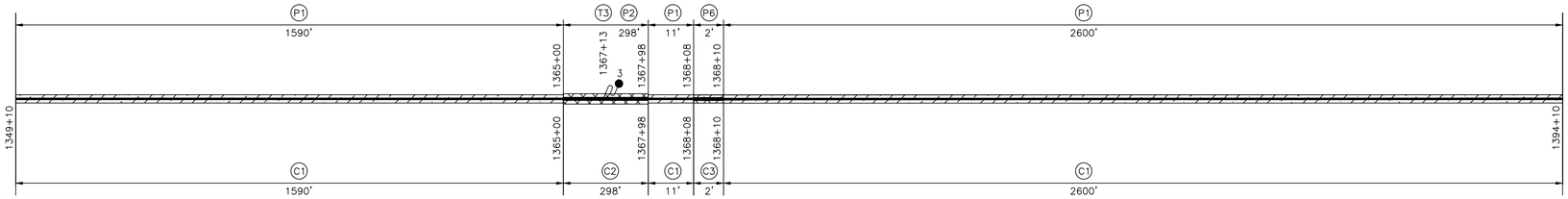
PIPELINE STATIONING

1350+00 — 1360+00 — 1365+61 FENCE LINE — 1366+19 EDGE OF ROAD — 1366+36 PROPERTY LINE & T143N-R99W SECTION 15 & T143N-R99W SECTION 10 — 1366+37 14TH ST. SW — 1366+51 EDGE OF ROAD — 1367+11 FENCE LINE — 1367+36 3" FOREIGN PIPELINE — 1368+09 EL < 33' RT. — 1370+00 — 1380+00 — 1385+60 UNNAMED TRIBUTARY TO WHITETAIL CREEK — 1386+12 UNNAMED TRIBUTARY TO WHITETAIL CREEK — 1390+00

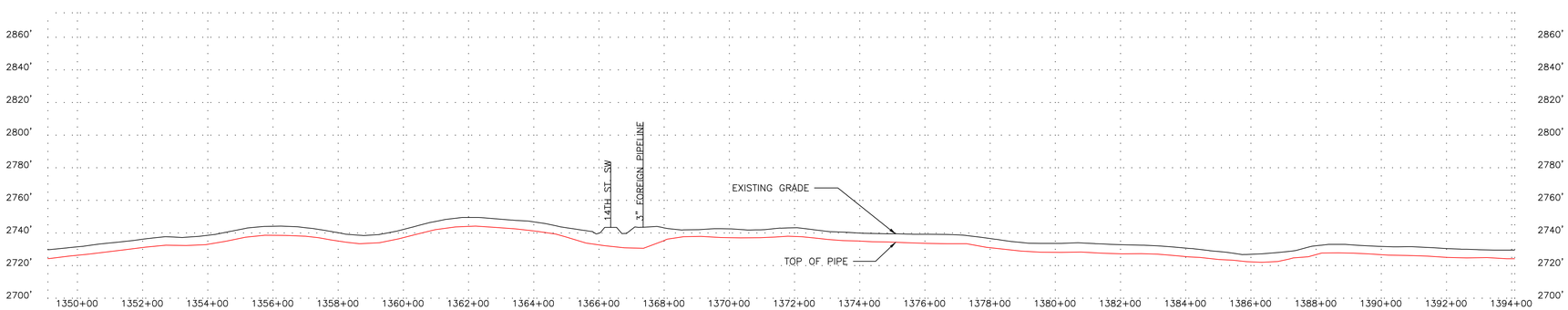
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	4200 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	298 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4200 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	298 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T3	CP TEST STATION TYPE3	1 EA

PROJECT CONSULTING SERVICES, INC.
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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1349+10 TO STA. 1394+10
MP 26 TO MP 26

NO. BL-AP-1025 REV. 3

OWNERSHIP

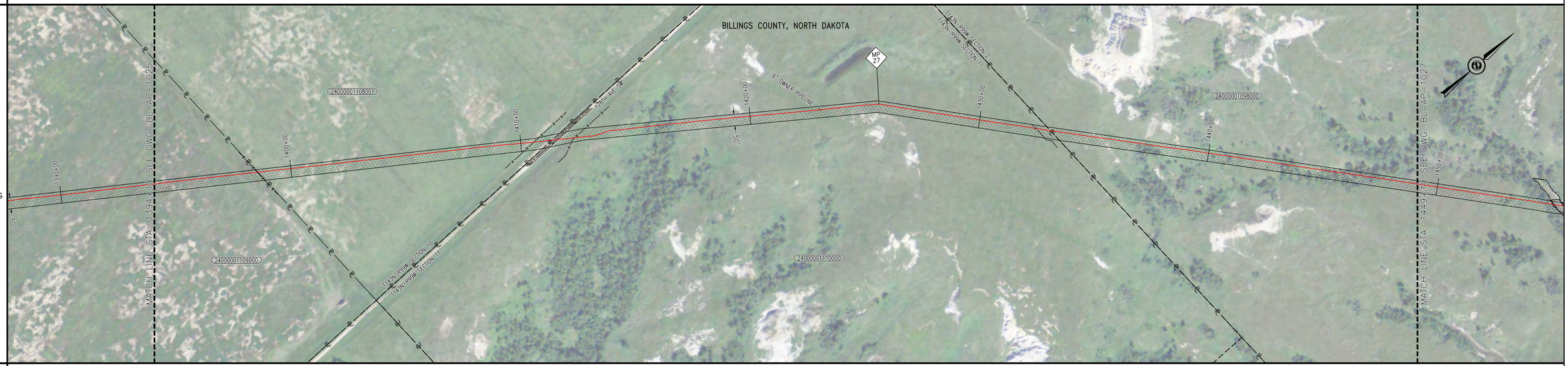
1394+10	240000011109000	1398+58	240000011108001	1411+36	240000011110000	1433+09	240000010980000	1449+10
	MARX PATRICK & KRISTY		CHIMNEY BUTTE LAND CO. LP		HECKER RAYMOND & HECKER ANTON		HECKER RAYMOND & HECKER ANTON	
	27.16 RODS		77.50 RODS		131.70 RODS		96.98 RODS	

PIPELINE STATIONING

1394+10 — 57A — 1400+00 — 1398+54 FENCE LINE — 1398+58 PROPERTY LINE — 1410+00 — 57A — 1410+57 FENCE LINE — 1411+36 PROPERTY LINE & T143N-R99W SECTION 11 & T143N-R99W SECTION 10 — 1411+47 EDGE OF ROAD — 1411+55 128TH AVE SW — 1411+63 EDGE OF ROAD — 1412+35 FENCE LINE — 1413+22 EL. < 19' LT. — 1413+87 EL. < 14' RT. — 1420+00 — 57A — 1423+05 6" OWNER PIPELINE — 1425+61 P.I. < 11°41'14" RT. — 1430+00 — 57A — 1432+45 FENCE LINE — 1433+09 PROPERTY LINE & T143N-R99W SECTION 2 & T143N-R99W SECTION 11 — 1440+00 — 57A — 1449+10

PLAN

MOP = 1480 PSIG



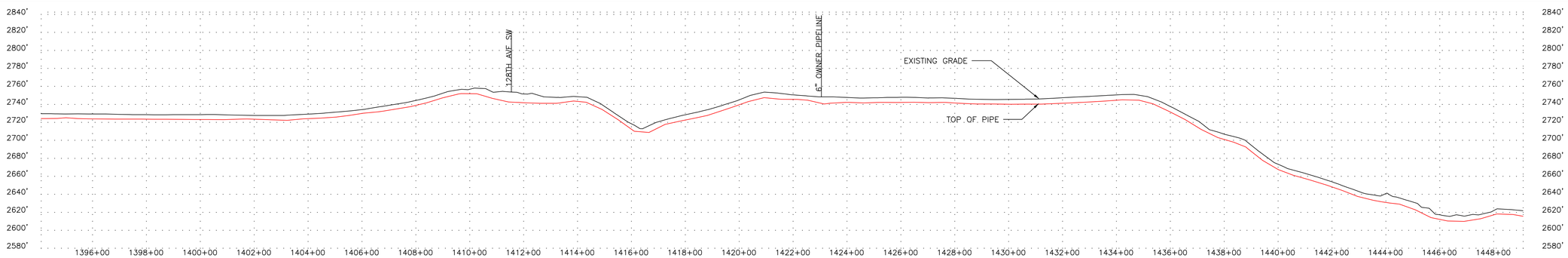
MATERIAL AND COATING

P1	P2	P6	T1	P1	P6	T1	P1
1617'	295'	1'	1'	64'	1'		3523'

1394+10 — 1410+26 — 1413+21 — 1413+22 — 1413+24 — 1413+86 — 1413+87 — 1423+05 — 1449+10

C1	C2	C3	C3	C1	C3		C1
1617'	295'	1'	1'	64'	1'		3523'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5203 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	295 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5203 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	295 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 60'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1394+10 TO STA. 1449+10
MP 26 TO MP 27

NO. BL-AP-1026 REV. 3

OWNERSHIP

1449+10 — 1481+10

24000001098000

HECKER RAYMOND & HECKER ANTON

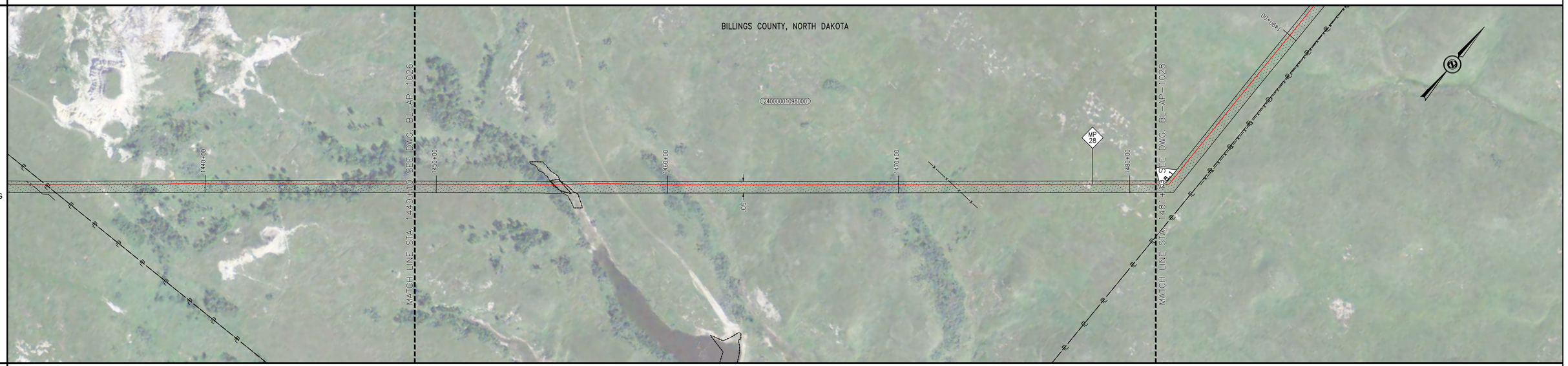
193.94 RODS

PIPELINE STATIONING

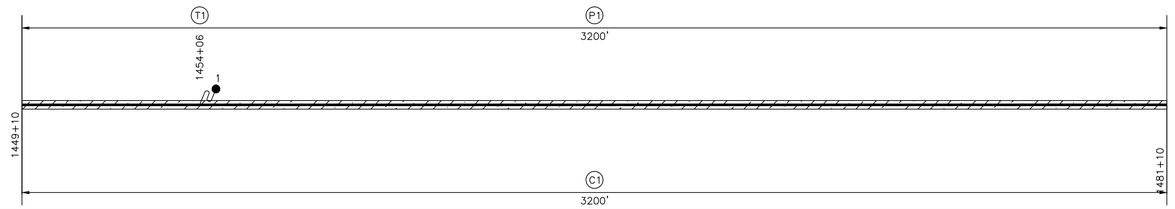
1450+00 — 1460+00 — 1470+00 — 1480+00

1455+05 WETLAND
1455+10 WATER BODY
1455+10 P.I. < 6°18'23" LT.
1455+50 WATER BODY
1455+58 WETLAND
1455+83 P.I. < 6°25'13" LT.
1472+34 FENCE LINE

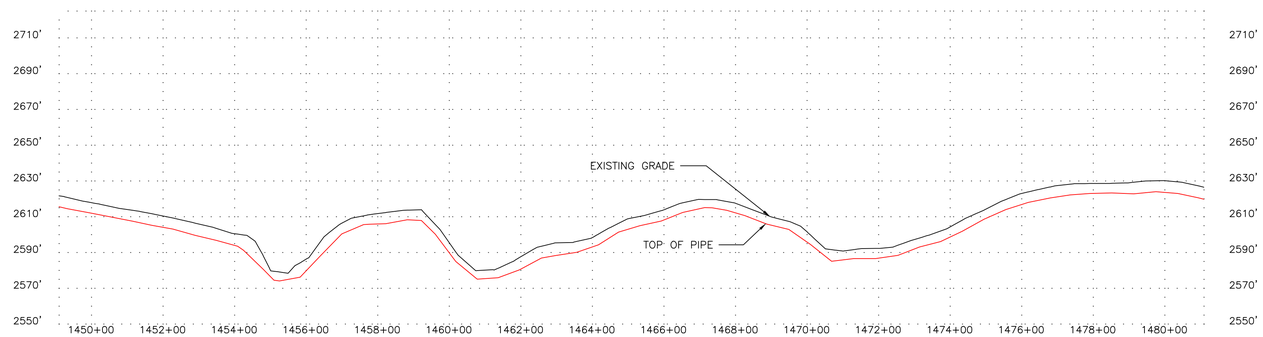
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	3200 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3200 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1449+10 TO STA. 1481+10
MP 27 TO MP 28

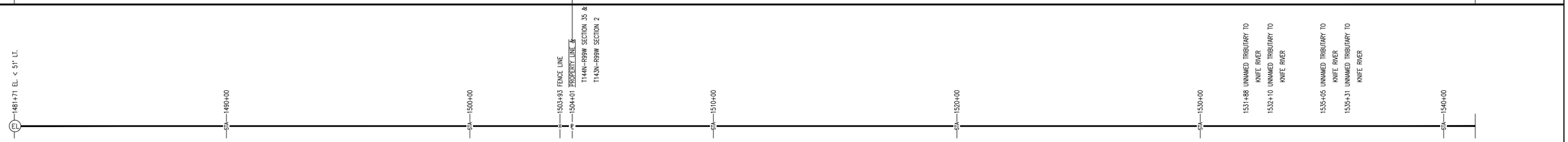
NO. BL-AP-1027

REV. 3

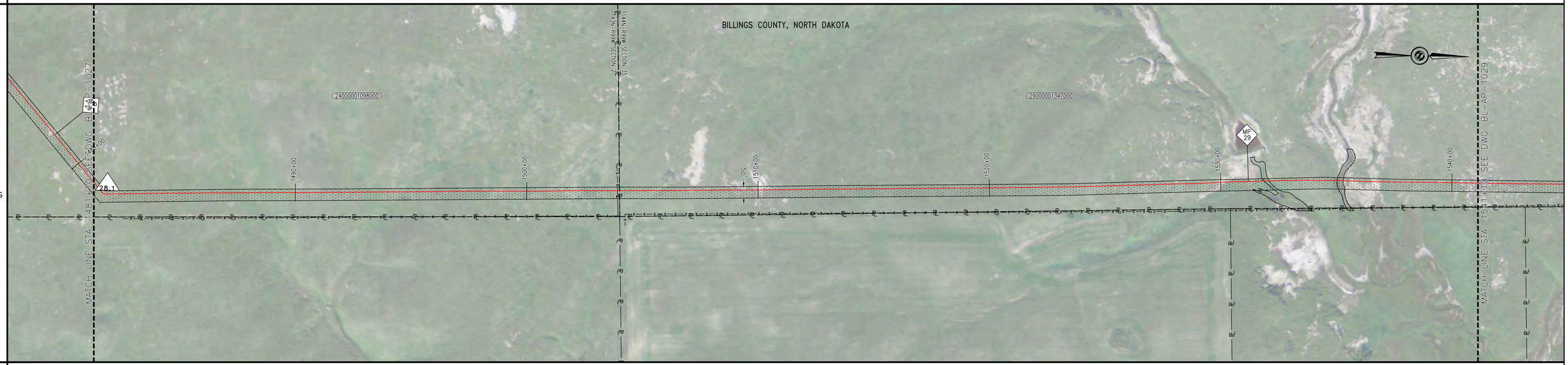
OWNERSHIP



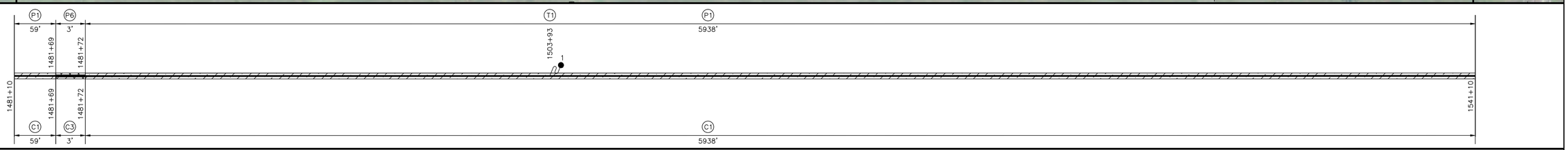
PIPELINE STATIONING



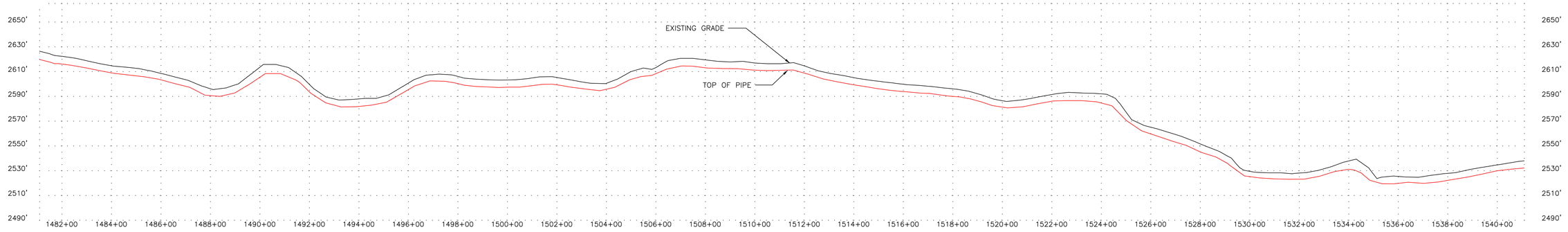
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
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- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5997 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5997 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1481+10 TO STA. 1541+10
MP 28 TO MP 29

NO. BL-AP-1028
REV. 3

OWNERSHIP

1541+10	2900000013470000 KADRMAS ROQUE D & KAREN 95.40 RODS	1555+84	2900000013370000 OBRITSCH TAIT J. & KAYLEEN M. 8.51 RODS	1558+24	2900000013340001 KADRMAS ROQUE D & KAREN 132.45 RODS	1580+10

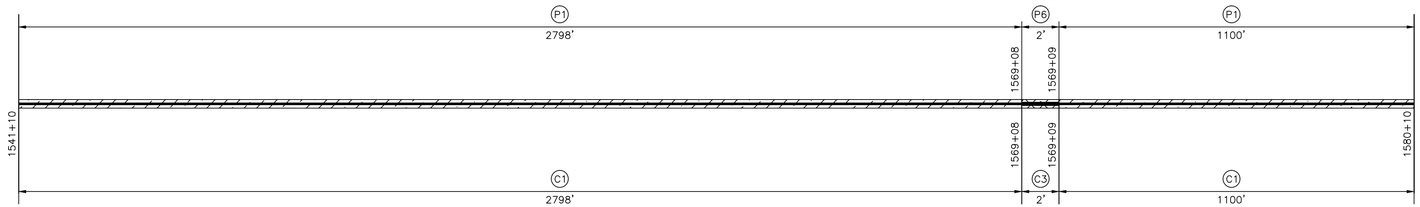
PIPELINE STATIONING

1545+52 FENCE LINE
1547+51 UNNAMED TRIBUTARY TO KNIFE RIVER
1549+39 UNNAMED TRIBUTARY TO KNIFE RIVER
1550+00
1550+73 UNNAMED TRIBUTARY TO KNIFE RIVER
1551+20 UNNAMED TRIBUTARY TO KNIFE RIVER
1555+99 P.I. < 21°11'50" RT.
1556+84 PROPERTY LINE & T144N-R99W SECTION 26 & T144N-R99W SECTION 35
1558+00 FENCE LINE
1558+24 T144N-R99W SECTION 25 & T144N-R99W SECTION 26 & PROPERTY LINE
1560+00
1563+77 P.I. < 14°47'23" LT.
1564+20 WATER LINE
1564+29 2" SWPP PIPELINE
1564+55 P.I. < 14°56'32" RT.
1569+09 EL < 30' LT.
1570+00
1575+21 FENCE LINE
1580+00

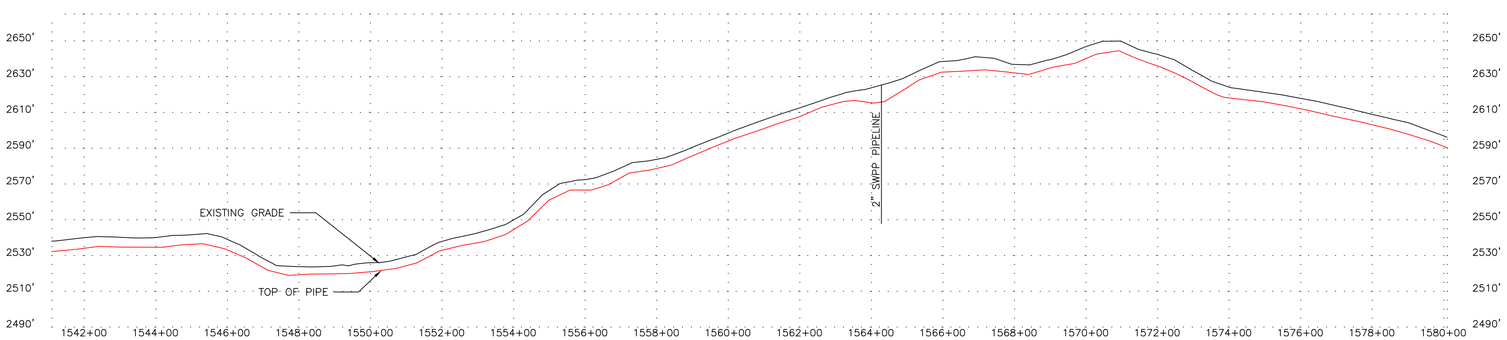
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	3898 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3898 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1541+10 TO STA. 1580+10
MP 29 TO MP 30

NO. BL-AP-1029
REV. 3

OWNERSHIP

1580+10 — 29000001334001 — KADRMAS ROQUE D & KAREN — 224.24 RODS — 1617+10

PIPELINE STATIONING

EL — 1583+74 EL. < 55° RT.

5A — 1590+00 — 1590+40 DRAIN / BAR DITCH — 1596+60 TOE — 1596+68 WATER BODY — 1598+39 TOE — 1598+50 WATER BODY — 1600+00

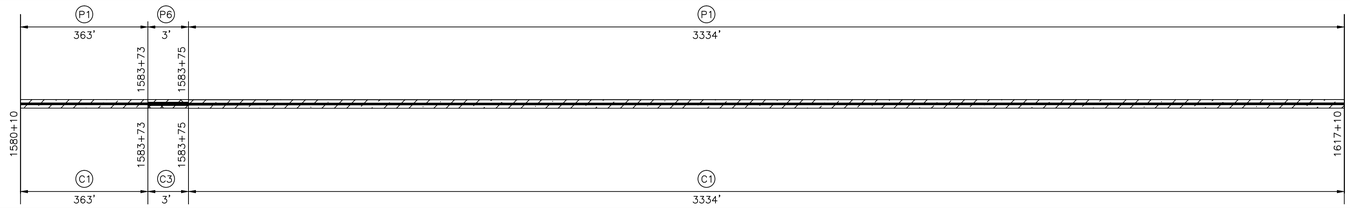
5A — 1609+09 P.I. < 170°27' LT. — 1609+40 P.I. < 5°10'19" LT. — 1610+00

5A — 1614+41 TOE — 1614+60 WETLAND — 1614+74 TOE — 1614+76 WETLAND — 1616+64 P.I. < 20°56'01" LT.

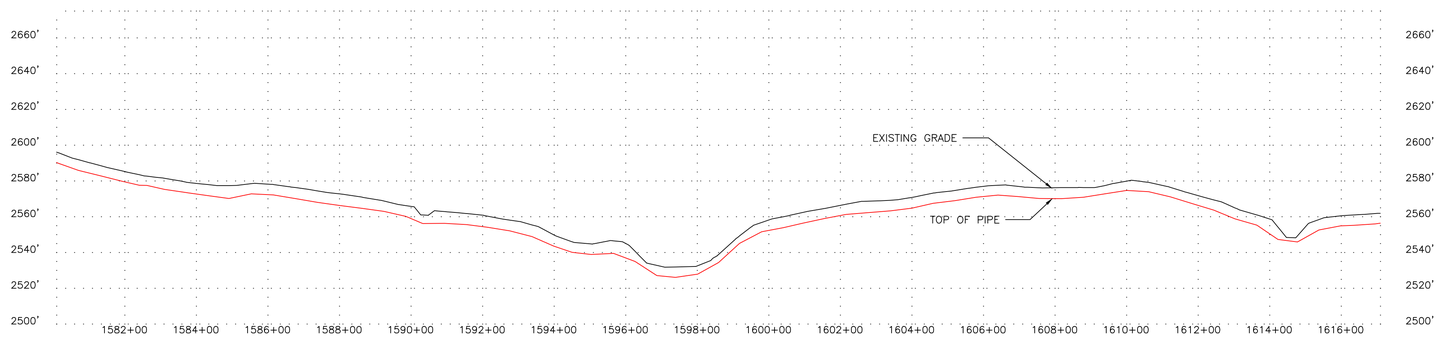
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	3697 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3697 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1580+10 TO STA. 1617+10
MP 30 TO MP 31

NO. BL-AP-1030 REV. 3

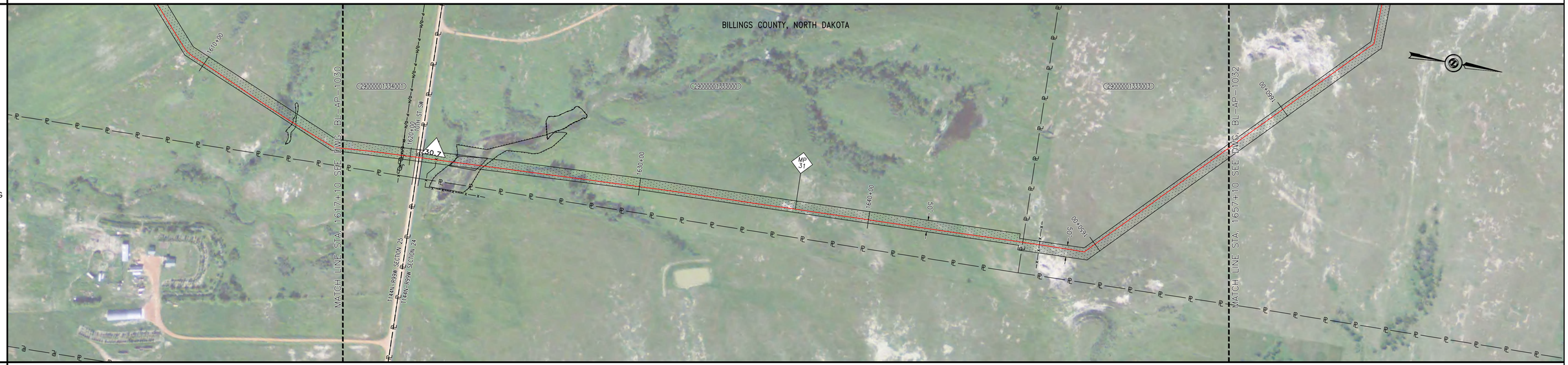
OWNERSHIP

1617+10	2900000013334001 KADRMAS ROQUE D & KAREN 19.94 RODS	1620+39	2900000013333000 HAAG JAMES M & ROXANN 159.71 RODS	1646+74	2900000013333003 HAAG JAMES & ROXANN 62.77 RODS	1657+10

PIPELINE STATIONING

1619+62 OVERHEAD POWERLINE
1619+63 FENCE LINE
1619+91 TOE
1620+00 ⟋⟍
1620+25 EDGE OF ROAD
1620+38 10TH ST SW
1620+39 PROPERTY LINE &
T144N-R99W SECTION 25 &
T144N-R99W SECTION 24
1620+53 EDGE OF ROAD
1620+84 TOE
1621+13 FENCE LINE
1621+89 UNNAMED TRIBUTARY TO KNIFE RIVER
1623+22 UNNAMED TRIBUTARY TO KNIFE RIVER
1625+42 TOE
1625+53 TOE
1626+06 TOE
1630+00 ⟋⟍
1640+00 ⟋⟍
1646+74 PROPERTY LINE
1647+46 FENCE LINE
1649+43 EL ⟋⟍ 44° LT.
1650+00 ⟋⟍

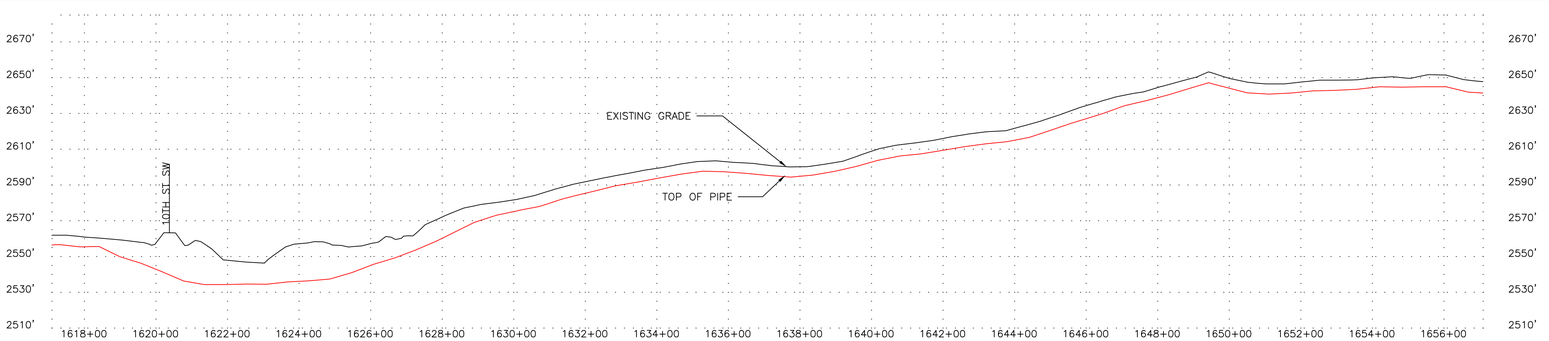
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	T1	P1	P2	P1	P2	P1	P6	P1
	1618+37	132'	1111'	1629+53	60'	8'	1922'	1649+42	2'	765'
1617+10	1	1618+41			1630+12	1630+20			1649+44		1657+10
	C1	132'	C2	1111'	C1	60'	C2	8'	C1	1922'	C3	2'	C1	765'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	2879 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1119 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	2879 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1119 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1617+10 TO STA. 1657+10
MP 31 TO MP 31

NO. BL-AP-1031 REV. 3

OWNERSHIP

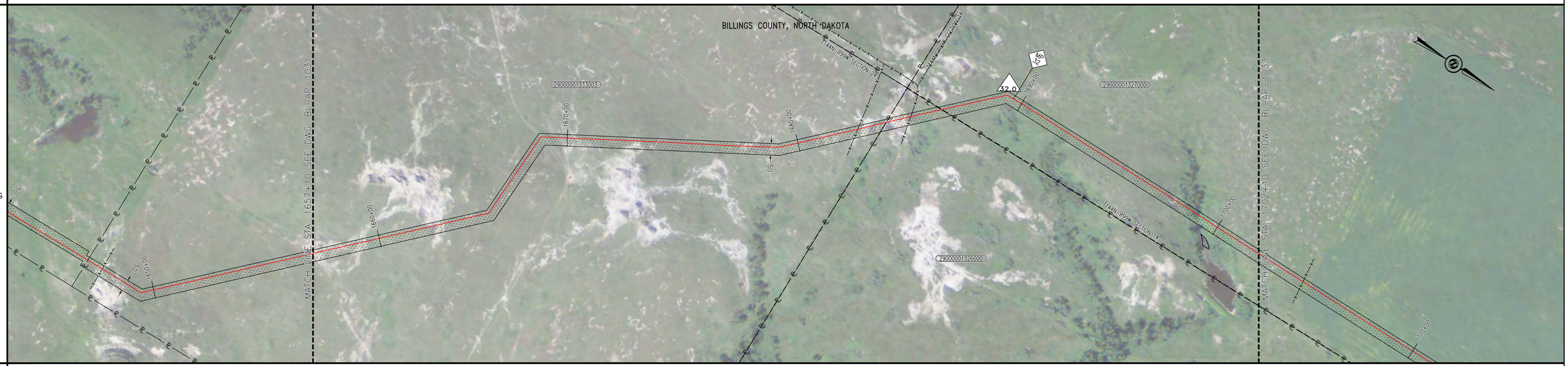
1657+10 — 2900000013330003 — HAAG JAMES & ROXANN — 162.53 RODS — 1683+91 — 2900000013260000 — TACHENKO CODY J & JANELL — 14.82 RODS — 1684+36 — 2900000013270000 — TACHENKO S C & VIRGINIA — 95.19 RODS — 1702+10

PIPELINE STATIONING

1660+00 (STA) — 1664+86 EL. < 44° LT. (EL) — 1668+86 EL. < 57° RT. (EL) — 1670+00 (STA) — 1679+06 P.I. < 11°05'09" LT. — 1680+00 (STA) — 1682+65 FENCE LINE — 1683+91 T144N-R99W SECTION 24 & PROPERTY LINE — 1685+00 FENCE LINE — 1686+36 PROPERTY LINE — 1686+39 T144N-R99W SECTION 14 — 1689+28 EL. < 38° RT. (EL) — 1690+00 (STA) — 1700+00 (STA)

PLAN

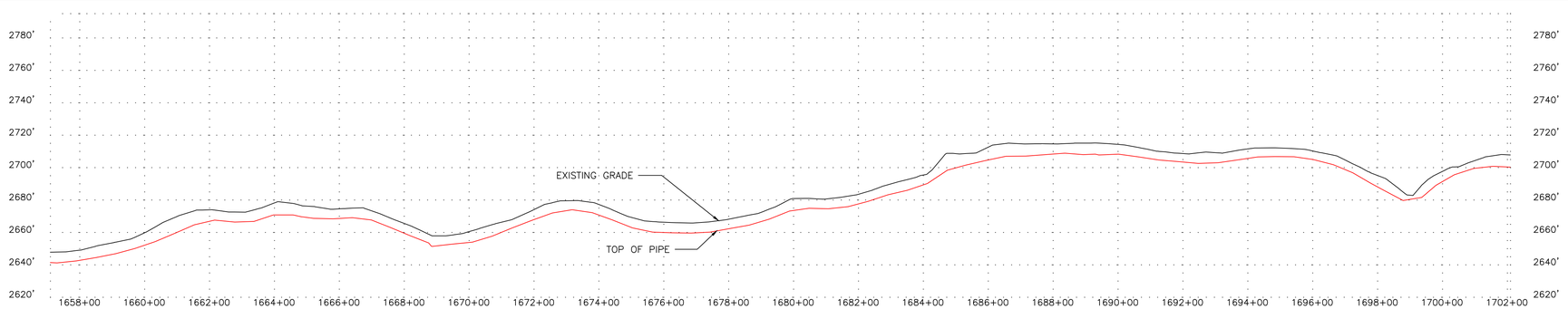
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P6	P1	P6	P1	T1	P6	P1
776'	2'	397'	3'	2040'		3'	1279'
1657+10	1664+85	1664+87	1668+84	1668+87	1685+00 (1)	1689+27	1689+31	1702+10
C1	C3	C1	C3	C1		C3	C1
776'	2'	397'	3'	2040'		3'	1279'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
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- C.P. TEST STATION
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	4492 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4492 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF
T1	CP TEST STATION TYPE1	1 EA

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METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1657+10 TO STA. 1702+10
MP 31 TO MP 32

NO. BL-AP-1032 REV. 3

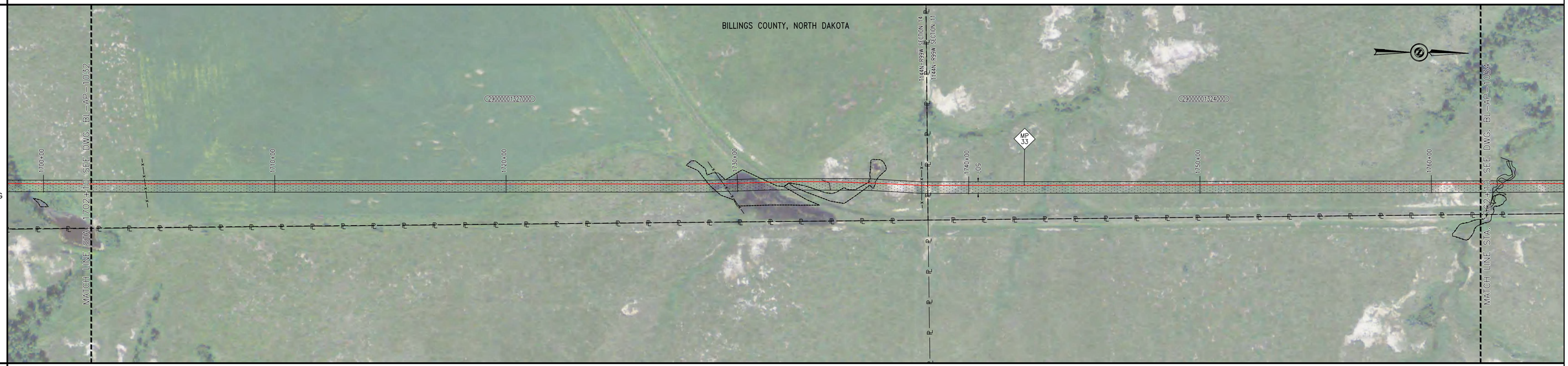
OWNERSHIP

1702+10 — 29000001327000 — TACHENKO S C & VIRGINIA — 218.99 RODS — 1738+23 — 29000001324000 — TACHENKO S C & VIRGINIA — 144.65 RODS — 1762+10

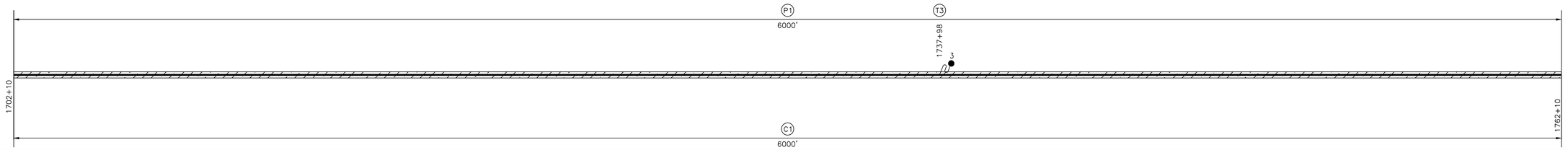
PIPELINE STATIONING

1702+10 — 1704+39 FENCE LINE — 1710+00 — 1720+00 — 1728+75 WETLAND — 1729+38 FENCE LINE — 1730+00 — 1731+36 WETLAND — 1733+84 FENCE LINE — 1735+62 WETLAND — 1735+97 WETLAND — 1737+97 FENCE LINE — 1738+23 PROPERTY LINE & T144N-R99W SECTION 11 & T144N-R99W SECTION 14 — 1740+00 — 1750+00 — 1760+00 — 1762+10

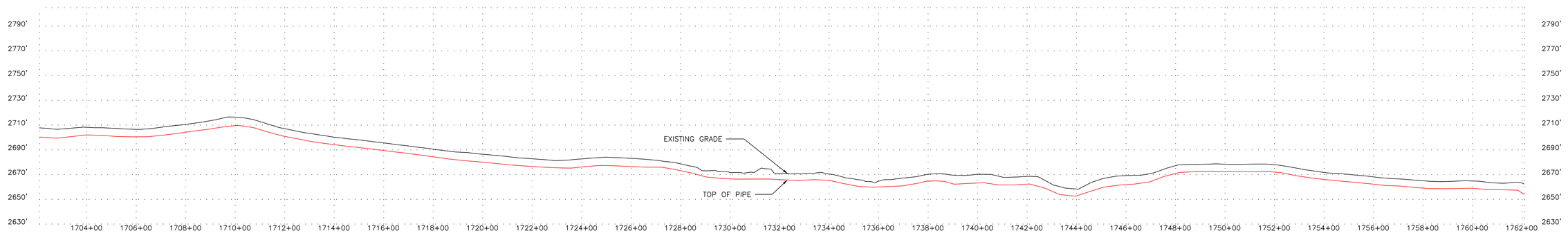
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.) MP
- AERIAL MARKER AM
- LINE MARKER/WARNING PW
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
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- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	6000 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	6000 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
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3	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1702+10 TO STA. 1762+10
MP 32 TO MP 33

NO. BL-AP-1033 REV. 3

OWNERSHIP

1762+10 — 290000013240000 — TACHENKO S C & VIRGINIA — 175.22 RODS — 1791+01

1791+01 — 290000013140000 — TACHENKO S C & VIRGINIA — 31.43 RODS — 1796+19

1796+19 — 290000013130000 — TACHENKO CODY J & JANELL — 156.99 RODS — 1822+10

PIPELINE STATIONING

1762+86 UNNAMED TRIBUTARY TO BEDDEGEL CREEK

1763+08 UNNAMED TRIBUTARY TO BEDDEGEL CREEK

1770+00

1780+00

1790+00 FENCE LINE

1790+89 EDGE OF ROAD

1791+01 PROPERTY LINE & T1144N-R99W SECTION 11 & T144N-R99W SECTION 2 & 7TH ST SW

1791+12 EDGE OF ROAD

1791+61 FENCE LINE

1792+48 P.I. < 12°45'01" RT.

1795+85 FENCE LINE

1795+91 EDGE OF ROAD

1796+19 PROPERTY LINE & T144N-R99W SECTION 2 & T144N-R99W SECTION 1

1796+20 CENTER OF ROAD

1796+44 FENCE LINE

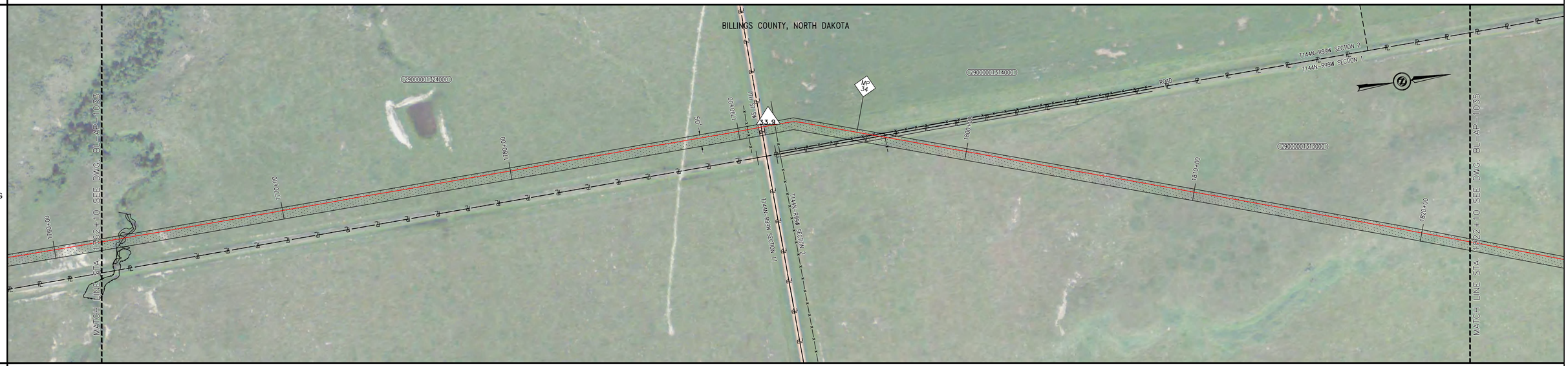
1796+56 EDGE OF ROAD

1800+00

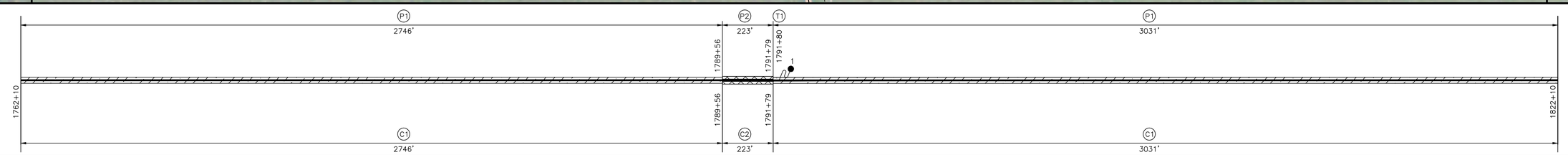
1810+00

1820+00

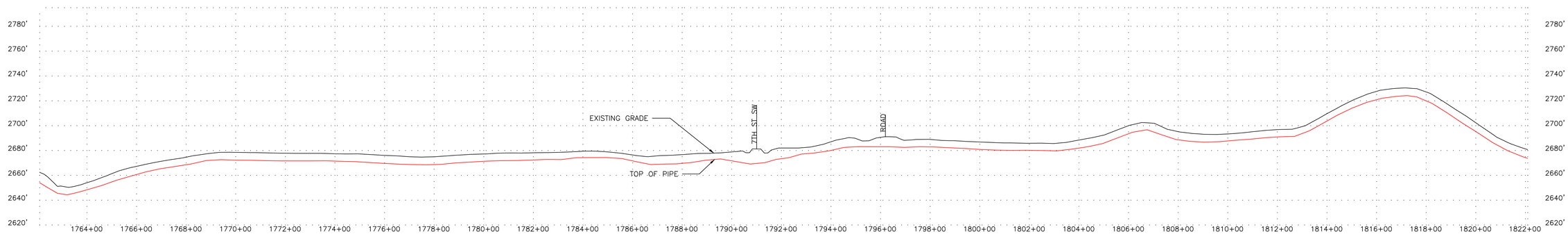
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
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- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5777 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	223 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5777 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	223 LF
T1	CP TEST STATION TYPE1	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENT
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1762+10 TO STA. 1822+10
MP 33 TO MP 35

NO. BL-AP-1034

REV. 3

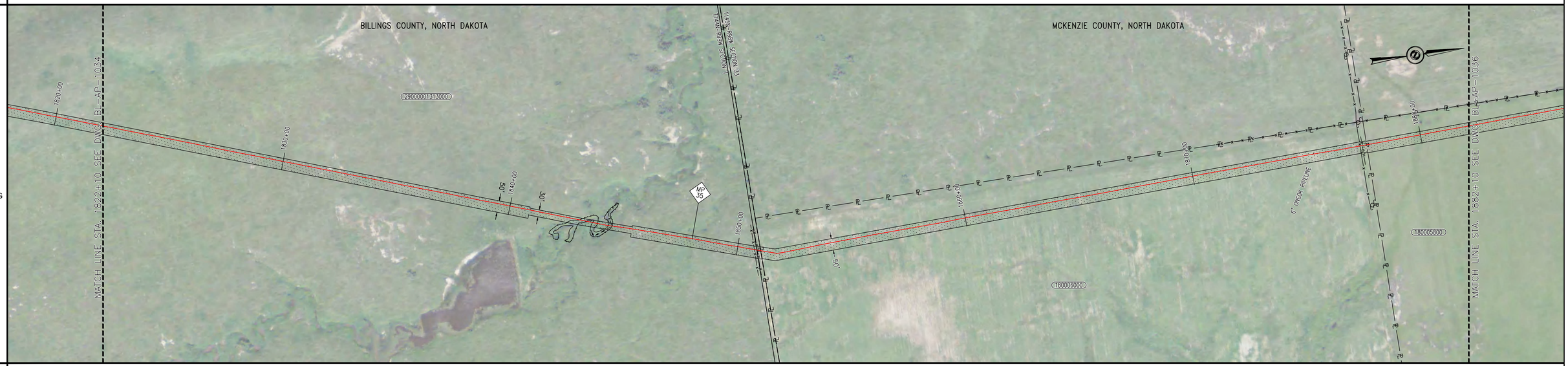
OWNERSHIP

1822+10 — 29000001313000 — TACHENKO CODY J & JANELL — 175.20 RODS — 1851+00 — T80006000 — GLOVATSKY/DIANNE — 161.41 RODS — 1877+64 — T80005800 — KOSTENKO/ANDREW & SUZANNE — 27.03 RODS — 1882+10

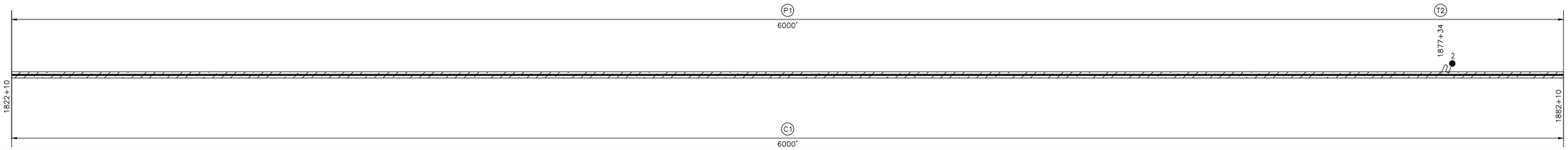
PIPELINE STATIONING

STA 1830+00 | STA 1840+00 | 1843+06 BECEGEL CREEK | 1843+38 BECEGEL CREEK | 1843+64 BECEGEL CREEK | 1843+86 BECEGEL CREEK | 1844+34 BECEGEL CREEK | 1844+49 BECEGEL CREEK | STA 1850+00 | 1850+73 FENCE LINE | 1850+84 MCKENZIE COUNTY & BILLINGS COUNTY | 1850+86 FENCE LINE | 1851+00 T145N-R98W SECTION 33 & T144N-R99W SECTION 1 & PROPERTY LINE | 1851+73 P.I. < 1701'24" LT. | STA 1860+00 | STA 1870+00 | 1875+28 6" ONEOK PIPELINE | 1877+35 FENCE LINE | 1877+44 OVERHEAD POWERLINE | 1877+64 PROPERTY LINE | STA 1880+00

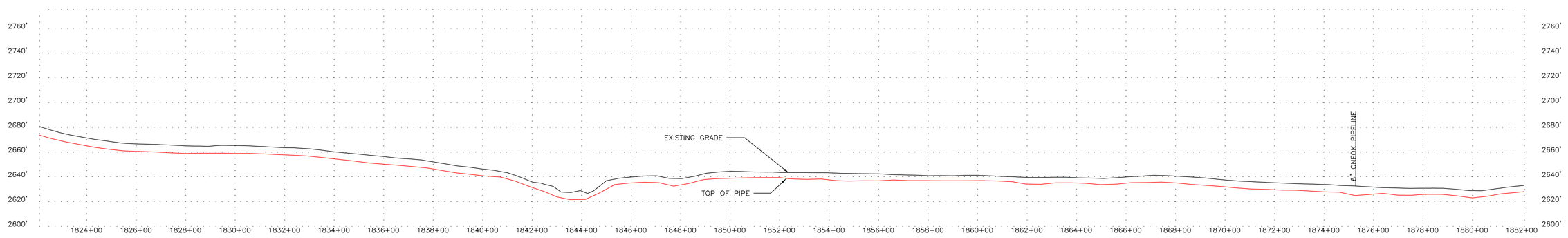
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
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- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	6000 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	6000 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1822+10 TO STA. 1882+10
MP 35 TO MP 36

NO. BL-AP-1035 REV. 3

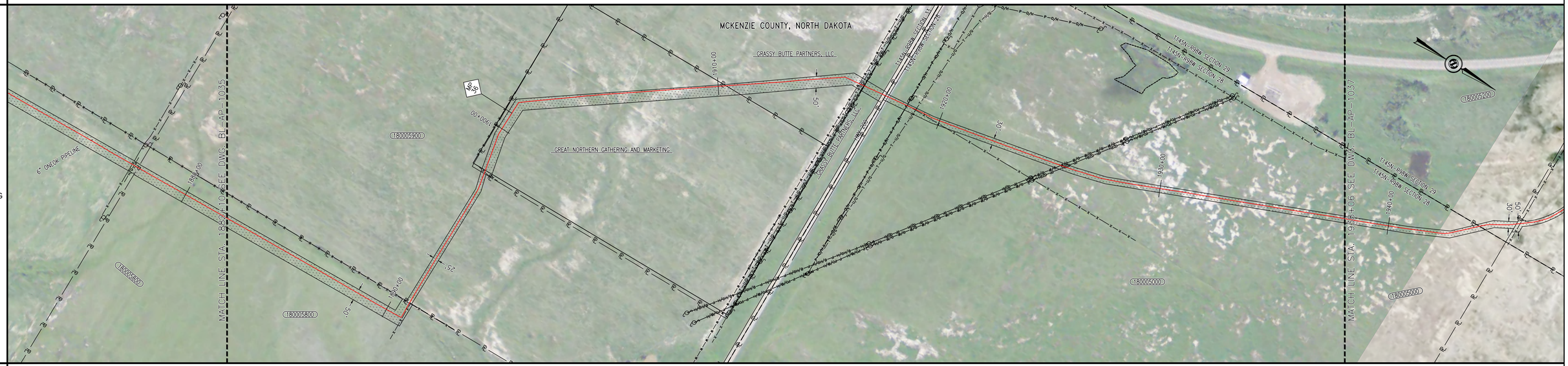
OWNERSHIP

1882+10	T800005800	1891+42	T800005900	1897+88	1910+38	GRASSY BUTTE PARTNERS, LLC	1916+43	GRASSY BUTTE PARTNERS, LLC	1917+43	T800005000	1938+06
	KOSTENKO/ANDREW & SUZANNE		GLOVATSKY/DIANNE		GREAT NORTHERN GATHERING AND MARKETING					SCHROEDER/ESTHER M	
	56.91 RODS		39.16 RODS		75.35 RODS	36.81 RODS		6.09 RODS		125.24 RODS	

PIPELINE STATIONING

- 1860+72 EL < 89' LT.
- 1891+42 PROPERTY LINE
- 1891+43 FENCE LINE
- 1897+13 P.I. < 7°59'59" LT.
- 1897+88 PROPERTY LINE
- 1897+98 FENCE LINE
- 1898+06 DUNN RECEIPT
- 1899+73 P.I. < 11°06'25" RT.
- 1901+35 EL < 52' RT.
- 1904+42 P.I. < 6°35'42" LT.
- 1910+34 DUNN RECEIPT
- 1910+38 PROPERTY LINE
- 1915+49 P.I. < 21°10'27" RT.
- 1915+50 EL < 29' RT.
- 1916+17 WATER LINE
- 1916+28 TELEPHONE UG
- 1916+39 OVERHEAD POWERLINE
- 1916+41 FENCE LINE
- 1916+43 PROPERTY LINE
- 1916+97 TOE
- 1917+05 TOE
- 1917+27 EDGE OF ROAD
- 1917+42 HWY 200
- 1916+43 PROPERTY LINE &
  1917+43 T145N-R98W SECTION 28 &
  T145N-R98W SECTION 33
- 1917+54 EDGE OF ROAD
- 1917+81 TOE
- 1917+92 TOE
- 1918+44 FENCE LINE
- 1918+45 OVERHEAD POWERLINE
- 1918+66 FENCE LINE
- 1918+87 TELEPHONE UG
- 1919+70 P.I. < 6°34'13" LT.
- 1925+59 OVERHEAD POWERLINE
- 1925+78 OVERHEAD POWERLINE

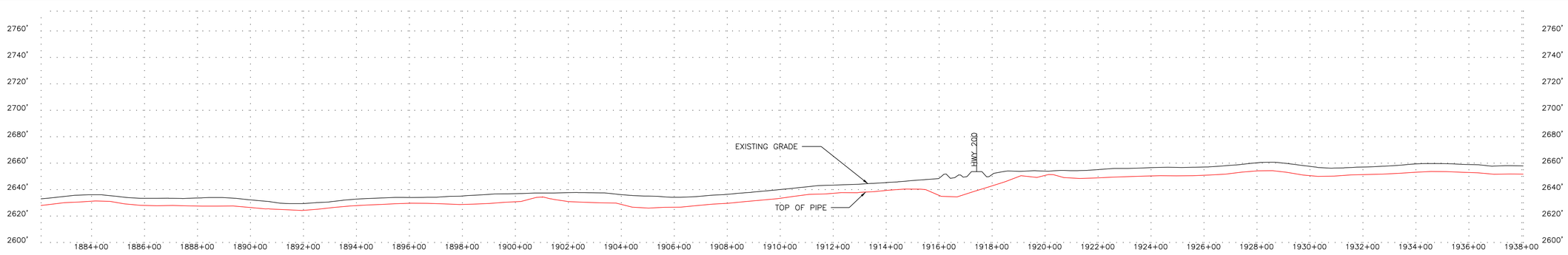
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	P1	P2	SP	P2	P6	P2	P6	P2	T3	P1
	860'	5'	717'	306'	10'	25'	3'	1413'	1'	463'		1792'
1882+10	1890+70	1890+75	1897+91	1900+98	1901+08	1901+33	1901+36	1915+49	1915+51	1919+33	1920+14	1938+06
	C1	C3	C1	C2		C2	C3	C2	C3	C2		C1
	860'	5'	717'	306'		25'	3'	1413'	1'	463'		1792'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
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- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	3369 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	2208 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	9 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3369 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	2208 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	9 LF
SP	SEE REF. DWG.	10 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlL_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1882+10 TO STA. 1938+06
MP 36 TO MP 37

NO. BL-AP-1036 REV. 4

OWNERSHIP

1938+06	T800005000	1941+99	T800005200	1945+60	T800005250	1982+74	T800003850	1982+77	T800003800	1998+01
	SCHROEDER/ESTHER M		SCHROEDER/ESTHER M		USA		USA		JOST/MERLE	
	35.97 RODS		9.72 RODS		225.12 RODS		0.14 RODS		92.39 RODS	

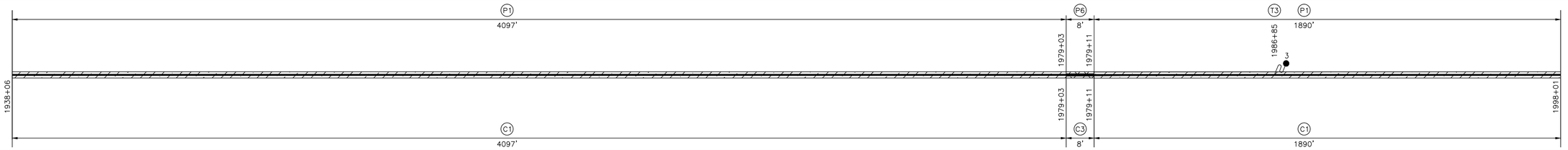
PIPELINE STATIONING

1940+00 — 1942+41 P.I. < 10°21'33" LT. — 1942+65 P.I. < 5°42'45" LT. — 1943+99 PROPERTY LINE & T145N-R98W SECTION 28 & T145N-R98W SECTION 29 — 1944+26 P.I. < 5°56'09" RT. — 1944+48 P.I. < 5°38'27" RT. — 1945+28 P.I. < 5°54'30" LT. — 1945+60 PROPERTY LINE — 1945+77 FENCE LINE — 1947+10 P.I. < 8°04'22" LT. — 1948+10 P.I. < 16°03'37" RT. — 1950+00 — 1960+00 — 1968+16 P.I. < 9°45'41" RT. — 1970+00 — 1971+63 P.I. < 41°22'29" LT. — 1974+04 P.I. < 12°02'16" LT. — 1976+59 P.I. < 18°20'23" LT. — 1979+07 EL < 44° RT. — 1980+00 — 1982+74 PROPERTY LINE & T145N-R98W SECTION 29 & T145N-R98W SECTION 20 — 1982+77 PROPERTY LINE — 1983+75 FENCE LINE — 1990+00

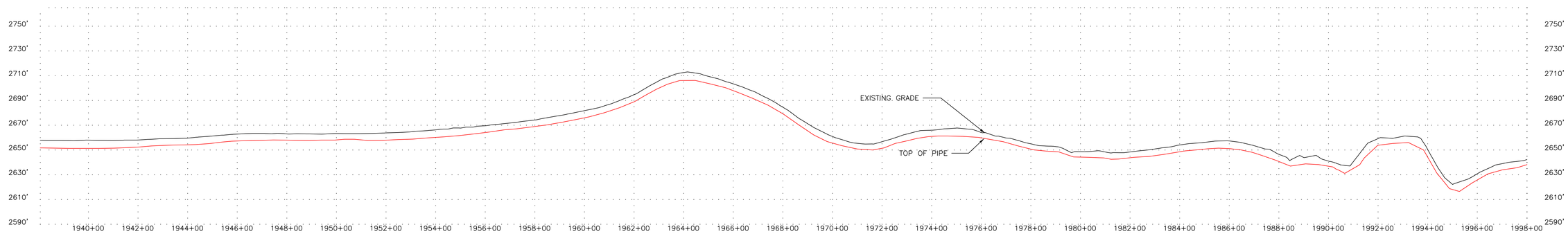
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5987 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5987 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1938+06 TO STA. 1998+01
MP 37 TO MP 38

NO. BL-AP-1037

REV. 5

OWNERSHIP

1998+01 — 2018+00 — 2023+02 — 2045+56 — 2050+01

T800003800 — JOST/MERLE — 121.16 RODS

T800003840 — USA — 30.39 RODS

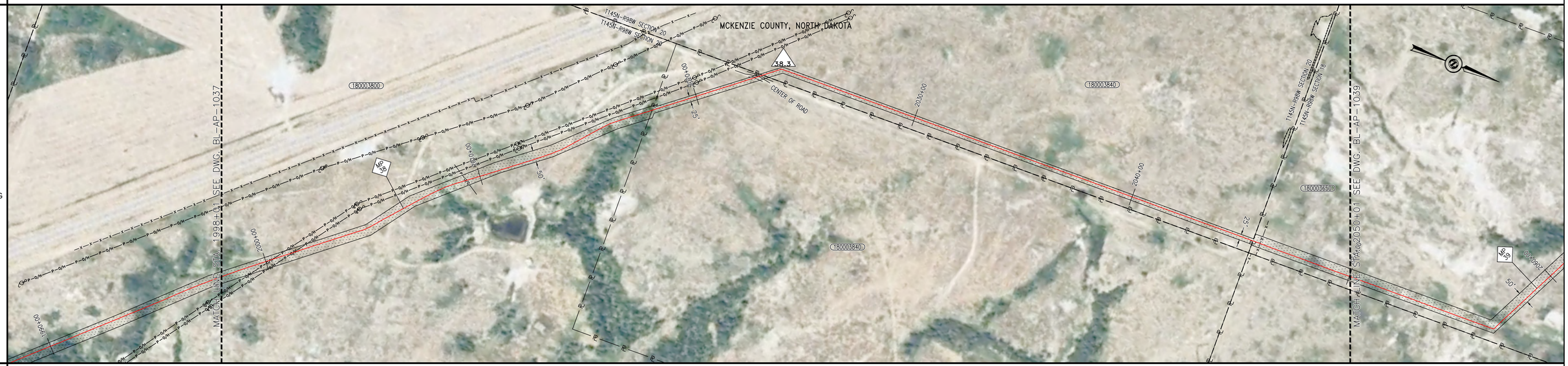
T800003840 — USA — 136.62 RODS

T800003650 — MERLE JOST & BOYCE VAN VLEET JT — 26.99 RODS

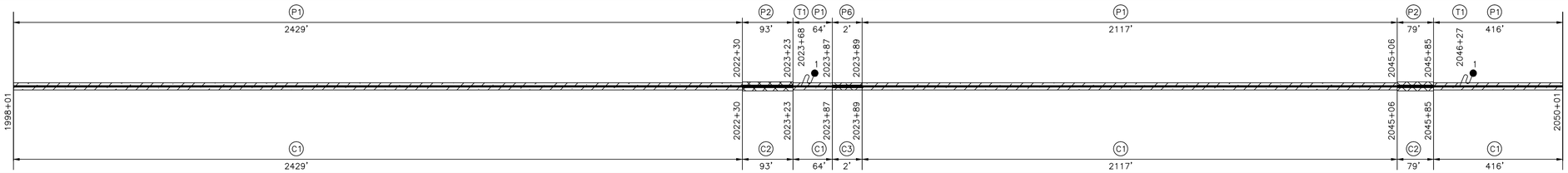
PIPELINE STATIONING

- 2000+00 — STA
- 2000+31 OVERHEAD POWERLINE
- 2001+25 OVERHEAD POWERLINE
- 2004+46 P.I. < 5°38'14" LT.
- 2009+38 UNDERGROUND POWERLINE
- 2010+00 — STA
- 2013+75 P.I. < 5°43'52" LT.
- 2016+09 P.I. < 7°20'28" RT.
- 2018+00 PROPERTY LINE
- 2020+00 — STA
- 2022+67 EDGE OF ROAD
- 2022+84 CENTER OF ROAD
- 2022+91 EDGE OF ROAD
- 2023+02 PROPERTY LINE & T145N-R98W SECTION 20 & T145N-R98W SECTION 20
- 2023+87 EL < 37' RT.
- 2030+00 — STA
- 2040+00 — STA
- 2045+56 PROPERTY LINE & T145N-R98W SECTION 20 & T145N-R98W SECTION 18
- 2045+89 FENCE LINE
- 2050+00 — STA

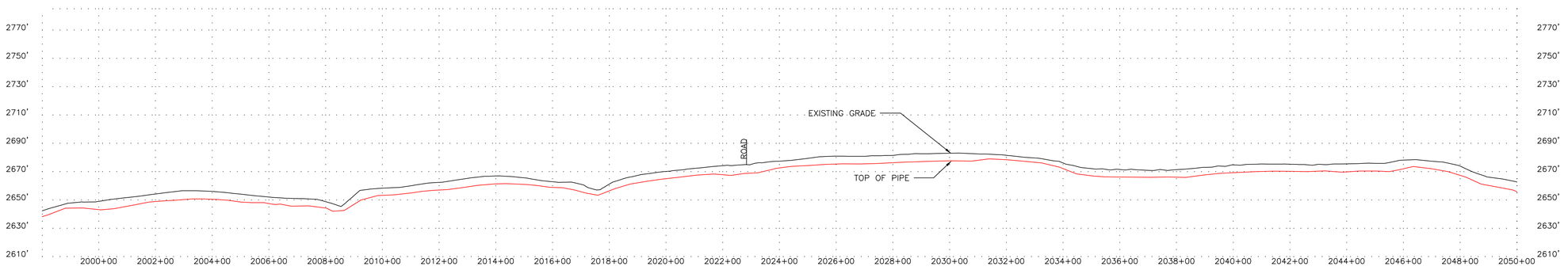
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5026 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	172 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5026 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	172 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

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1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 1998+01 TO STA. 2050+01
MP 38 TO MP 39

NO. BL-AP-1038

REV. 3

OWNERSHIP

T800035650 — MERLE JOST & BOYCE VAN VLEET JT — 152.03 RODS (2050+01 to 2075+10)

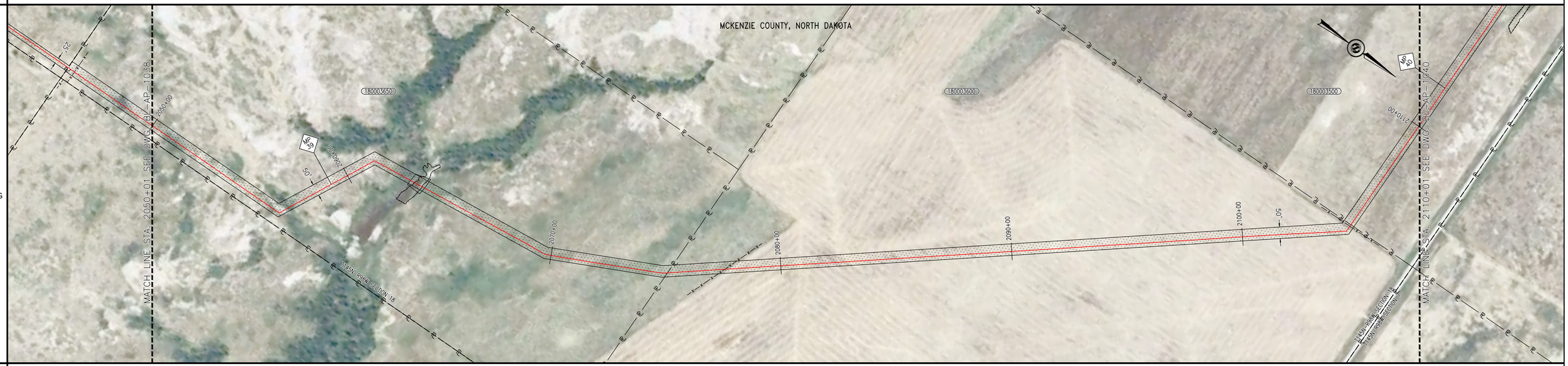
T800035600 — MERLE JOST & BOYCE VAN VLEET JT — 180.20 RODS (2075+10 to 2104+83)

T800035500 — DRUSILLA ZUBKE FAMILY TRUST C/O DENTON ZUBKE — 31.40 RODS (2104+83 to 2110+01)

PIPELINE STATIONING

- 2056+64 EL < 63° LT.
- 2056+74 TOE
- 2057+17 TOE
- 2060+00
- 2061+33 EL < 57° RT.
- 2063+13 TOE
- 2063+30 WATER BODY
- 2063+66 TOE
- 2063+67 WATER BODY
- 2069+73 P.I. < 14°31'01" LT.
- 2070+00
- 2074+74 P.I. < 4°33'25" LT.
- 2074+85 P.I. < 2°40'15" LT.
- 2075+00 P.I. < 4°49'16" LT.
- 2075+10 PROPERTY LINE
- 2077+58 FENCE LINE
- 2080+00
- 2090+00
- 2100+00
- 2104+49 EL < 54° LT.
- 2104+76 FENCE LINE
- 2104+83 PROPERTY LINE
- 2110+00

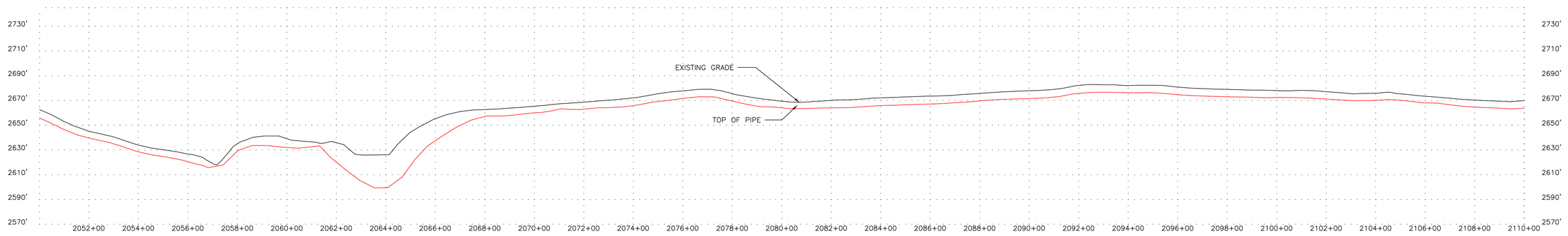
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	P1	P6	P2	P1	P6	T1	P1
	661'	3'	465'	4'	673'	3641'	2'		551'
	2050+01	2056+62	2056+65	2061+31	2061+34	2068+07	2104+48	2104+50	2104+73	2110+01
	C1	C3	C1	C3	C2	C1	C3		C1
	661'	3'	465'	4'	673'	3641'	2'		551'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	5318 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	673 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	9 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5318 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	673 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	9 LF
T1	CP TEST STATION TYPE1	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA 12/13/13
CHK'D EDG 04/14/14
APPROVED MRI 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2050+01 TO STA. 2110+01
MP 39 TO MP 40

NO. BL-AP-1039

REV. 4

OWNERSHIP

2110+01	T800003500	2123+86	T800002250	2143+15	T800014400	2150+01
	DRUSILLA ZUBKE FAMILY TRUST C/O DENTON ZUBKE 120.30 RODS		ZUBKE/DRUSILLA/FAMILY TRUST 80.55 RODS		POJORLIE/JAMES & COLLEEN 41.58 RODS	

PIPELINE STATIONING

2119+21 P.I. < 1°27'59" RT.
2119+29 P.I. < 4°15'12" RT.
2120+00 STA
2123+24 WETLAND
2123+31 WATER BODY & WATER BODY
2123+62 WATER BODY
2123+63 WETLAND
2127+68 EL. < 74' RT.
2129+36 FENCE LINE
2129+78 EDGE OF ROAD
2129+86 T145N-R98W SECTION 7 & PROPERTY LINE &
T145N-R99W SECTION 18
2129+88 2ND ST
2129+96 EDGE OF ROAD
2130+00 STA
2130+35 FENCE LINE
2130+83 TELEPHONE OH
2131+24 WATER LINE
2140+00 STA
2142+51 EL. < 72' LT.
2142+80 FENCE LINE
2143+04 EDGE OF ROAD
2143+11 126TH AVE SW
2143+15 T145N-R99W SECTION 12 & T145N-R98W SECTION 7 & PROPERTY LINE
2143+17 EDGE OF ROAD
2143+26 TOE
2143+61 TELEPHONE UG
2143+68 FENCE LINE & OVERHEAD POWERLINE
2144+30 WATER LINE
2144+33 2" SWW PIPELINE
2144+90 EL. < 39' RT.
2145+10 FENCE LINE
2148+17 FENCE LINE
2150+00 STA

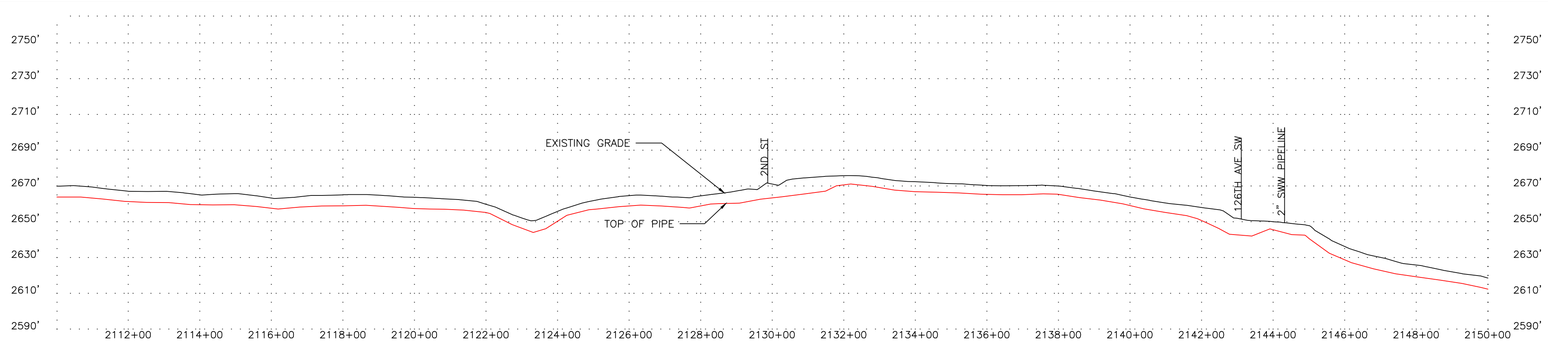
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P6	P1	P2	P1	P2	P6	T1	P2	P1	P6	P1
1765'	4'	139'	271'	1038'	31'	4'	139'		98'	2'	510'
2110+01	2127+66	2127+70	2129+09	2131+80	2142+18	2142+49	2142+52	2143+68	2143+92	2144+89	2144+91	2150+01
C1	C3	C1	C2	C1	C2	C3	C2		C1	C3	C1	
1765'	4'	139'	271'	1038'	31'	4'	139'		98'	2'	510'	

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
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- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
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- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	3550 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	441 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	9 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3550 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	441 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	9 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2110+01 TO STA. 2150+01
MP 40 TO MP 41

NO. BL-AP-1040 REV. 5

OWNERSHIP

2150+01	180014400	2163+30	180012200	2191+26	180007450	2199+94	180007400	2207+20
	POJORLIE/JAMES & COLLEEN		POJORLIE/JAMES P &COLLEEN/JT		KNAPP/KESSEL		KNAPP/KESSEL	
	80.55 RODS		169.48 RODS		52.55 RODS		44.05 RODS	

PIPELINE STATIONING

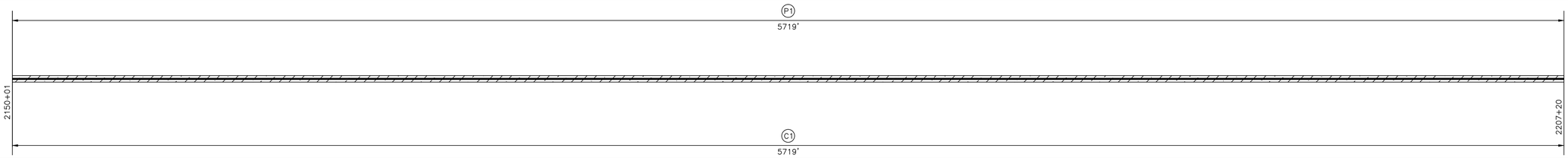
2150+01 — 5A — 2160+00 — PI — 2163+30 PROPERTY LINE — 5A — 2190+00 — PI — 2191+26 PROPERTY LINE & T145N-R99W SECTION 12 & T145N-R99W SECTION 1 — 5A — 2200+00 — PI — 2199+94 PROPERTY LINE — 5A — 2207+20

- 2152+10 WATER BODY
- 2152+31 WATER BODY
- 2154+75 P.I. < 11°33'16" LT.
- 2157+00 WATER BODY
- 2157+06 P.I. < 6°31'40" LT.
- 2157+34 WATER BODY
- 2157+70 P.I. > 10°51'35" RT.
- 2158+82 P.I. < 6°44'44" LT.
- 2159+72 P.I. < 18°44'57" RT.
- 2160+07 P.I. < 5°17'05" RT.
- 2165+11 P.I. < 3°55'48" LT.
- 2170+00
- 2173+69 P.I. < 10°55'50" RT.
- 2174+00 P.I. < 8°32'53" RT.
- 2178+61 FENCE LINE
- 2180+00
- 2191+34 FENCE LINE
- 2191+40 P.I. < 16°54'10" LT.
- 2198+59 P.I. < 6°56'39" LT.
- 2201+34 8" BEAR PAW PIPELINE
- 2204+87 P.I. < 8°39'35" RT.
- 2205+15 P.I. < 11°07'05" RT.
- 2207+12 P.I. < 14°25'17" LT.

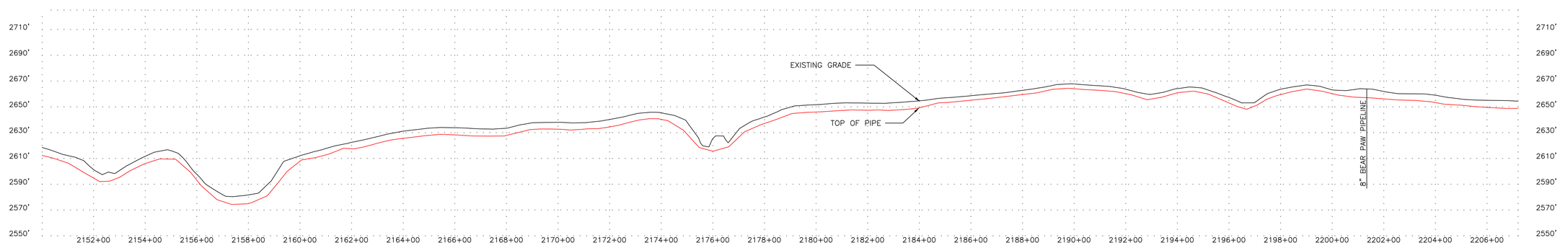
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5719 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5719 LF

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2150+01 TO STA. 2207+20
MP 41 TO MP 42

NO. BL-AP-1041
REV. 4

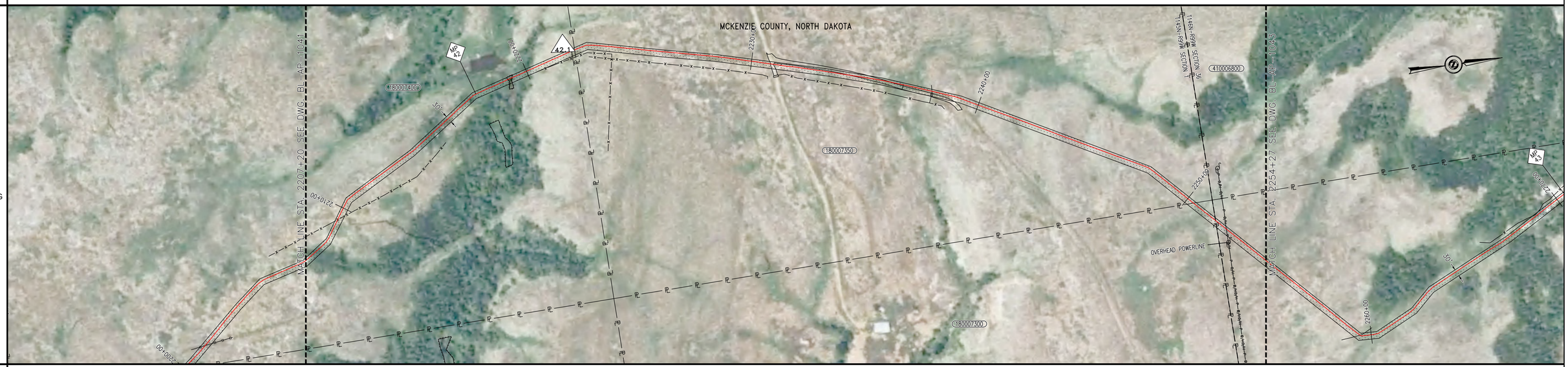
OWNERSHIP

2207+20	1800074000 KNAPP/KESSEL 91.36 RODS	2222+28	1800073500 KNAPP/KESSEL 169.91 RODS	2250+31	1800073000 KNAPP/KESSEL 7.38 RODS	2251+53	4100068000 KNAPP/JOHN & CHRISTINA 16.61 RODS	2254+27

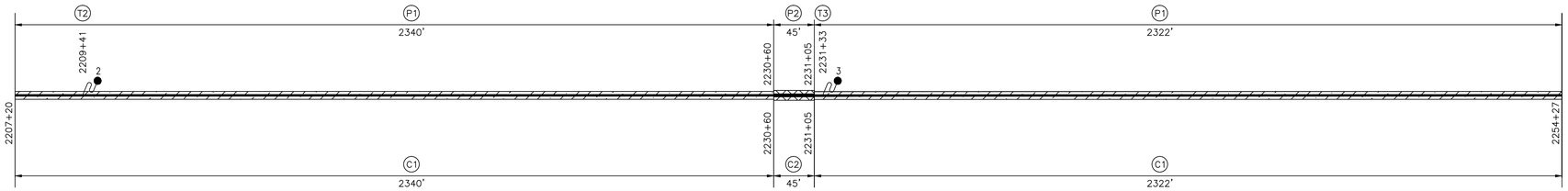
PIPELINE STATIONING

2208+36 P.I. < 15°27'22" LT.
2209+44 FENCE LINE
2210+00
5A
2210+40 P.I. < 22°21'45" RT.
2214+01 P.I. < 17°55'58" LT.
2214+01 P.I. < 10°56'33" RT.
2217+50 P.I. < 15°08'49" RT.
2219+12 WATER BODY
2219+31 WATER BODY
5A
2220+00
2222+14 FENCE LINE
2222+28 PROPERTY LINE
2222+81 P.I. < 20°24'37" RT.
5A
2230+00
2230+83 EDGE OF ROAD
2230+95 EDGE OF ROAD
2231+27 WATER LINE
2234+27 EDGE OF ROAD
2236+06 EDGE OF ROAD
2237+91 FENCE LINE
2238+98 P.I. < 5°20'00" RT.
5A
2240+00
2247+84 P.I. < 14°43'29" RT.
5A
2250+00
2250+31 PROPERTY LINE
2251+53 PROPERTY LINE
T145N-R99W SECTION 1 & T146N-R99W SECTION 36
2252+12 OVERHEAD POWERLINE

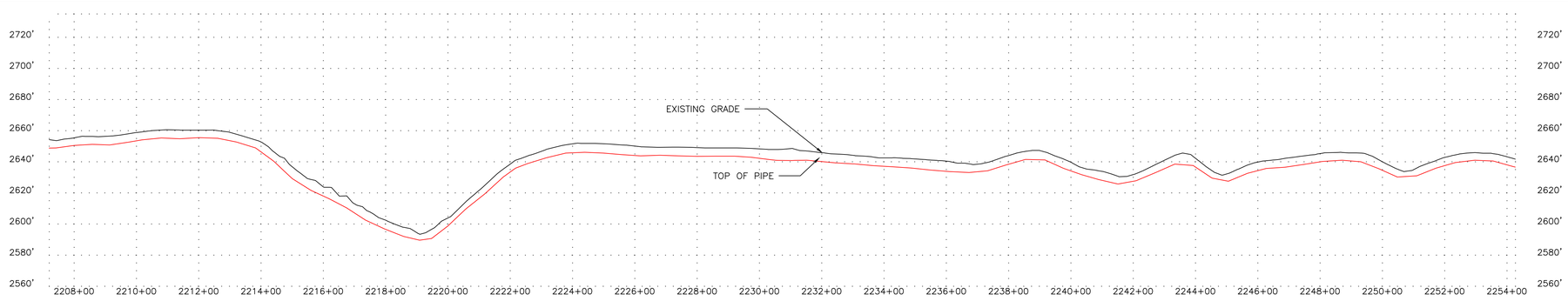
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
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- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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- POWER POLE
- HDD ENTRY/EXIT
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4662 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	45 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4662 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	45 LF
T2	CP TEST STATION TYPE2	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2207+20 TO STA. 2254+27
MP 42 TO MP 43

NO. BL-AP-1042
REV. 5

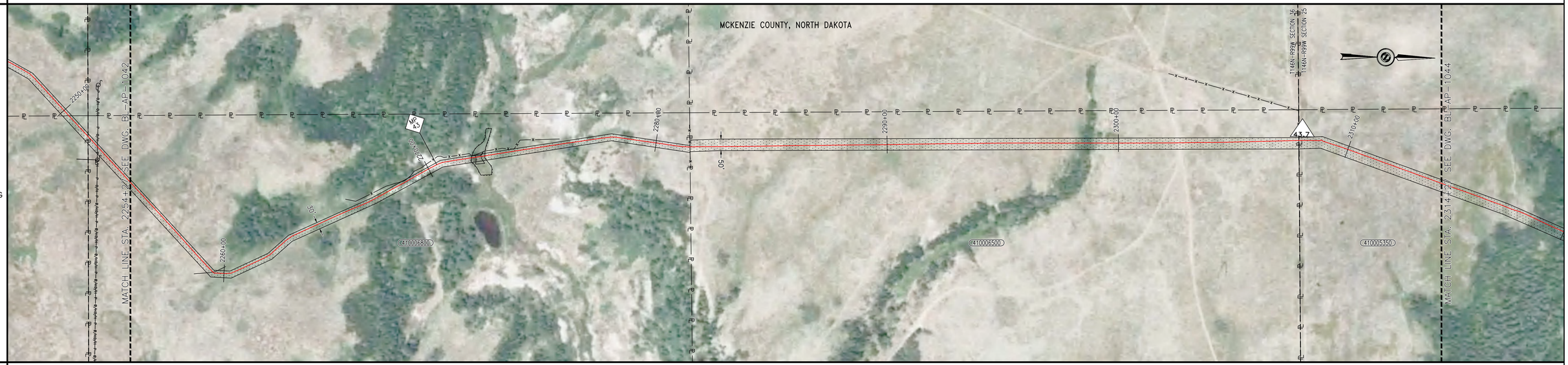
OWNERSHIP

2254+27 — (4100006800) KNAPP/JOHN & CHRISTINA — 164.89 RODS — 2281+48 — (4100006500) LEE/SHIRLEY — 159.56 RODS — 2307+81 — (4100005350) TARNAVSKY/MARY E/IRREVOCABLE — 39.18 RODS — 2314+27

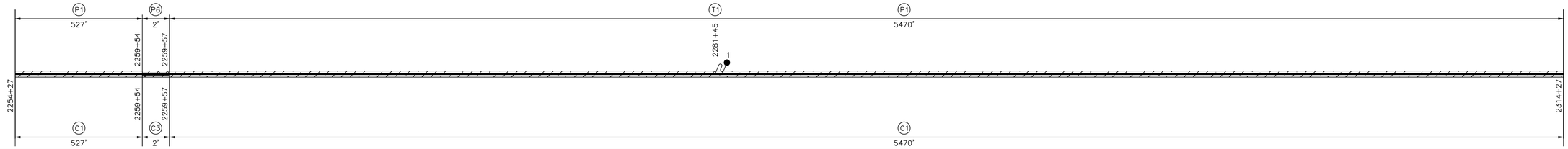
PIPELINE STATIONING

- 2259+50 FENCE LINE
- 2259+56 EL < 43° LT.
- 2260+00
- 2260+29 P.I. < 20°17'24" LT.
- 2261+89 P.I. < 5°42'46" LT.
- 2262+20 P.I. < 12°27'05" LT.
- 2263+11 P.I. < 5°52'13" RT.
- 2263+42 P.I. < 10°41'37" RT.
- 2270+00
- 2270+44 P.I. < 6°42'27" RT.
- 2270+67 P.I. < 10°58'43" RT.
- 2271+94 UNNAMED TRIBUTARY TO RANCH CREEK
- 2272+52 UNNAMED TRIBUTARY TO RANCH CREEK
- 2278+10 P.I. < 12°04'54" RT.
- 2280+00
- 2281+48 FENCE LINE & PROPERTY LINE
- 2290+00
- 2300+00
- 2307+80 FENCE LINE
- 2307+81 PROPERTY LINE &
- T146N-R99W SECTION 36 &
- T146N-R99W SECTION 25
- 2308+72 P.I. < 32°20'58" LT.
- 2308+77 P.I. < 63°22'02" RT.
- 2308+89 P.I. < 13°43'38" LT.
- 2310+00

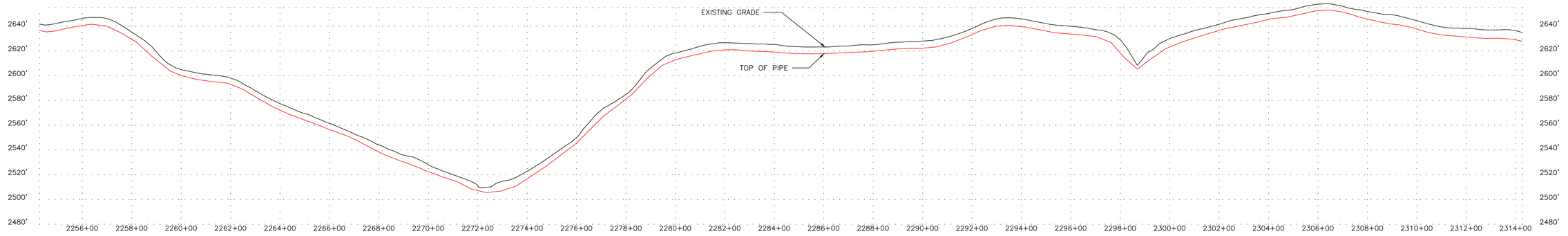
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5998 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5998 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mt_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2254+27 TO STA. 2314+27
MP 43 TO MP 44

NO. BL-AP-1043 REV. 3

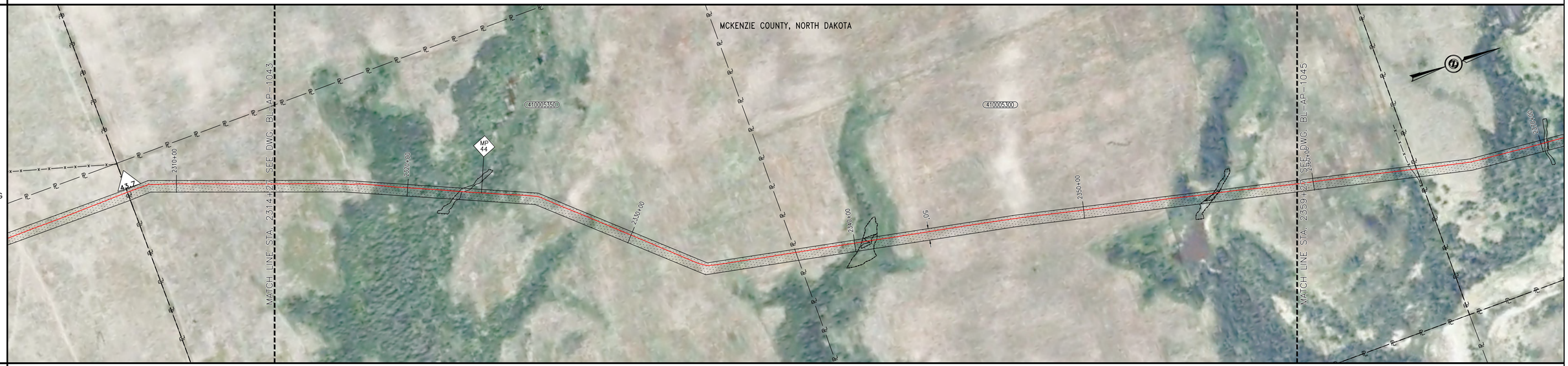
OWNERSHIP

2314+27 — 4100053350 — TARNAVSKY/MARY E/IRREVOCABLE — 140.32 RODS — 2337+43 — 4100053300 — TARNAVSKY/MARY E/IRREVOCABLE — 132.40 RODS — 2359+27

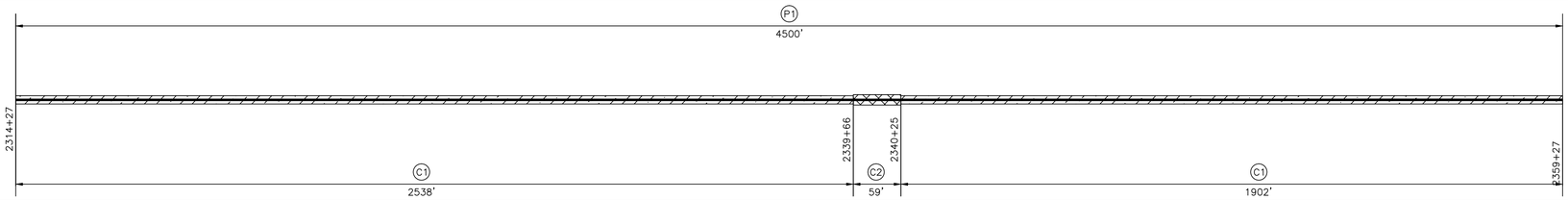
PIPELINE STATIONING

- 2317+87 P.I. < 5°22'49" RT.
- 2320+00 STA
- 2322+24 WATER BODY
- 2322+43 WATER BODY
- 2325+64 P.I. < 14°38'52" RT.
- 2330+00 STA
- 2333+22 P.I. < 5°12'51" LT.
- 2333+54 P.I. < 17°40'08" LT.
- 2337+43 PROPERTY LINE
- 2340+00 STA
- 2340+31 WETLAND
- 2340+55 WATER BODY
- 2340+71 P.I. < 7°03'37" RT.
- 2340+74 WATER BODY
- 2340+96 WETLAND
- 2350+00 STA
- 2355+65 WETLAND
- 2355+71 WATER BODY
- 2355+85 WETLAND
- 2355+89 WATER BODY

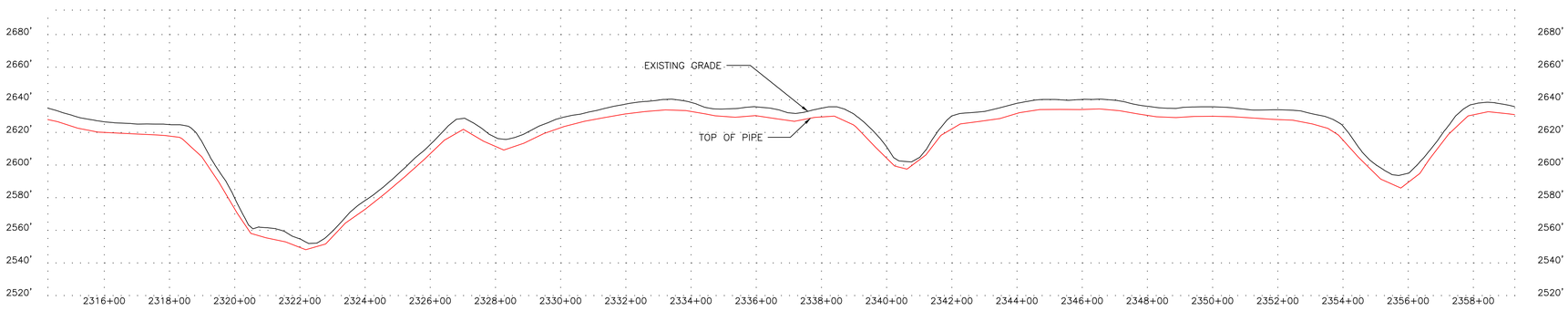
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

RECORD DRAWINGS HAVE BEEN UPDATED BASED ON SURVEY DATA BY BARTLETT & WEST AND FIELD NOTES/OBSERVATIONS PROVIDED BY OTHERS. SOME ITEMS MAY BE SHOWN AS DESIGNED IF INFORMATION WAS NOT PROVIDED. PCS MAKES NO WARRANTY OR GUARANTEE OF ACCURACY OR COMPLETENESS OF THE INFORMATION DEPICTED AND PROVIDED BY OTHERS.

MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4441 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	59 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4500 LF

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlL_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2314+27 TO STA. 2359+27
MP 44 TO MP 45

NO. BL-AP-1044 REV. 4

OWNERSHIP

2359+27	4100053000	2364+50	4100051000	2391+00	4100051500	2404+29	4100050000	2417+66	4100031750	2419+27
	TARNAVSKY/MARY E/IRREVOCABLE		DOLEZAL/DALE & SHIRLEY		DOLEZAL/DALE & SHIRLEY		DOLEZAL/DALE & SHIRLEY		POJORLIE/JAMES & COLLEEN	
	31.71 RODS		160.61 RODS		80.54 RODS		81.00 RODS		9.78 RODS	

PIPELINE STATIONING

2360+00 — 2364+27 FENCE LINE — 2364+50 PROPERTY LINE & T146N-R99W SECTION 25 & T146N-R99W SECTION 24 — 2366+87 P.I. < 11°01'33" LT. — 2370+00 — 2370+16 UNNAMED TRIBUTARY TO RANCH CREEK — 2370+28 UNNAMED TRIBUTARY TO RANCH CREEK — 2372+60 P.I. < 21°01'51" LT. — 2376+58 EDGE OF ROAD — 2376+65 EDGE OF ROAD — 2376+90 FENCE LINE — 2380+00 — 2390+00 — 2390+01 P.I. < 4°01'11" RT. — 2391+00 PROPERTY LINE — 2400+00 — 2404+29 PROPERTY LINE — 2406+70 0.92" ONEOK PIPELINE — 2410+00 — 2415+86 P.I. < 7°05'25" LT. — 2417+07 FENCE LINE — 2417+27 DRAIN / BAR DITCH — 2417+51 EDGE OF ROAD — 2417+65 3RD ST. NW — 2417+66 PROPERTY LINE & T146N-R99W SECTION 13 & T146N-R99W SECTION 24 — 2417+77 EDGE OF ROAD — 2417+99 DRAIN / BAR DITCH — 2418+73 WATER LINE

PLAN
MOP = 1480 PSIG



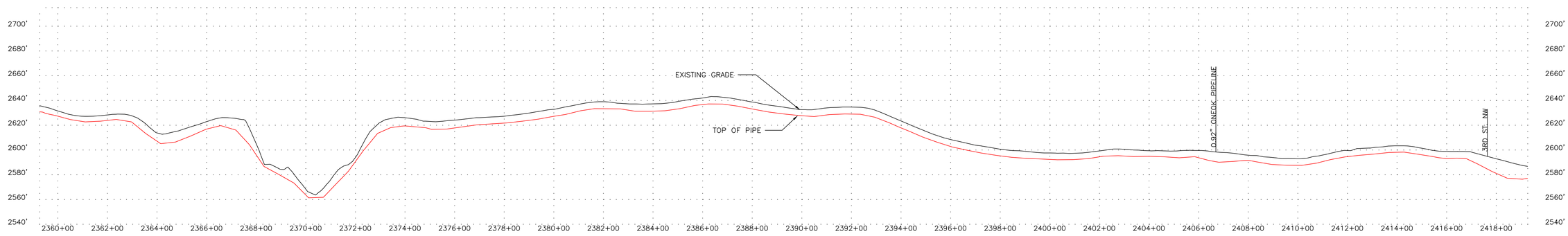
MATERIAL AND COATING

P1	P2	T3	P1	T2	T1	P2
1476'	80'		4196'			247'

2359+27 — 2374+04 — 2374+84 — 2376+90 (3) — 2406+73 (2) — 2416+80 — 2417+06 (1) — 2419+27

C1	C2	C1	C2
1476'	80'	4196'	247'

PROFILE VIEW



LEGEND

C/L PIPELINE	WEEDS	MILE MARKER (CALC.)
FOREIGN PIPELINE	WETLAND BOUNDARY	AERIAL MARKER
CL ROAD	TREES/SHRUBS	LINE MARKER/WARNING
EDGE ROAD	PROPERTY LINE	POWER POLE
CL RAILROAD	SECTION LINE	HDD ENTRY/EXIT
FENCE LINE	TWP/RNG LINE	C.P. TEST STATION
OVERHEAD ELECTRIC	COUNTY/PARISH LINE	MAINLINE VALVE
UNDERGROUND ELECTRIC	PERMANENT EASEMENT (PLAN)	TREE
CABLE		GUY WIRE
UNDERGROUND TELEPHONE		WELL
WATERBODY		
CL DITCH		
TREELINE		

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5673 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	327 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5673 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	327 LF
T1	CP TEST STATION TYPE1	1 EA
T2	CP TEST STATION TYPE2	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
STA. 2359+27 TO STA. 2419+27
MP 45 TO MP 46

NO. BL-AP-1045 REV. 5

OWNERSHIP

2419+27 — 4100003175 — POJORLIE/JAMES & COLLEEN — 150.39 RODS — 2444+09

2444+09 — 4100003100 — POJORLIE/JAMES & COLLEEN — 160.28 RODS — 2470+53

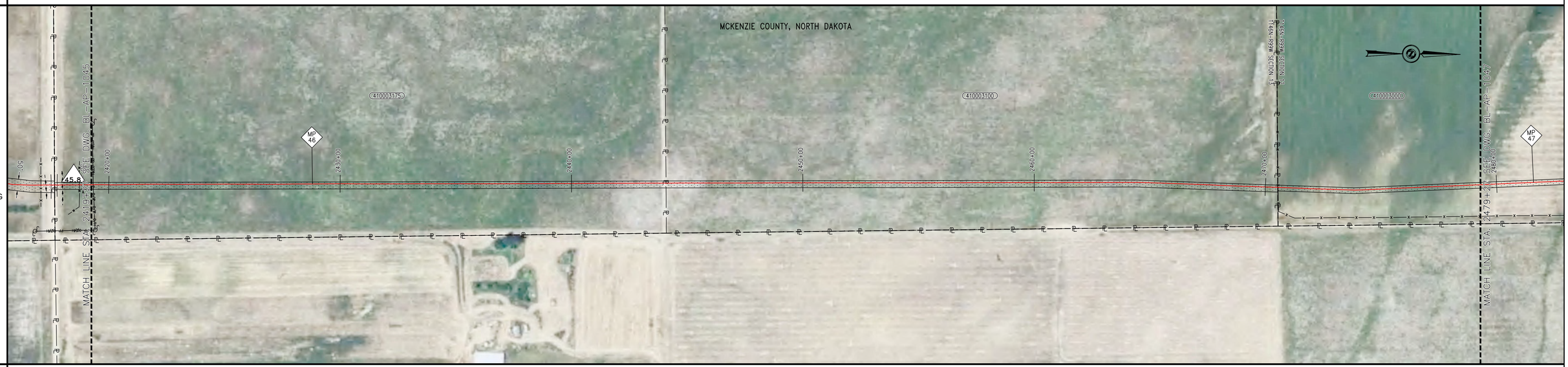
2470+53 — 4100003000 — WATSON/TERRY J &PAMELA K/JT — 52.96 RODS — 2479+27

PIPELINE STATIONING

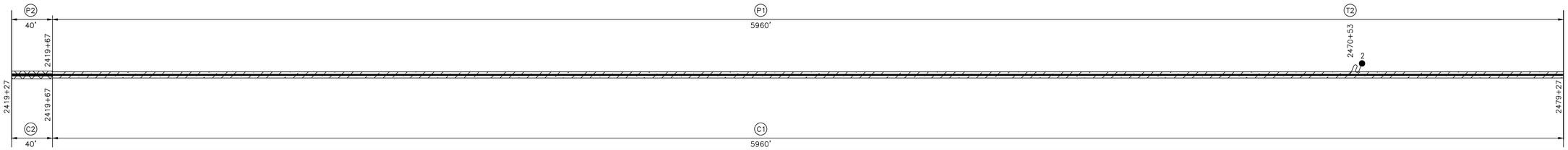
2419+32 OVERHEAD POWERLINE

2420+00 — 2430+00 — 2440+00 — 2444+09 PROPERTY LINE — 2450+00 — 2460+00 — 2470+00 — 2470+53 PROPERTY LINE & T146N-R99W SECTION 12 & T146N-R99W SECTION 13 — 2470+55 FENCE LINE

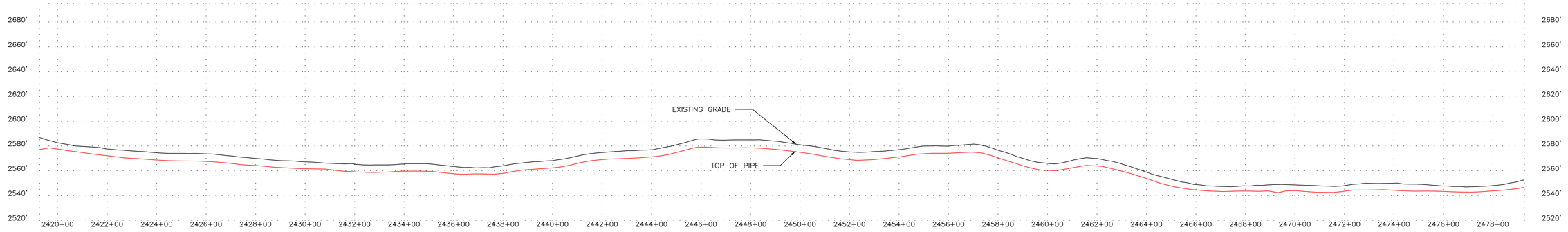
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5960 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	40 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5960 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	40 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

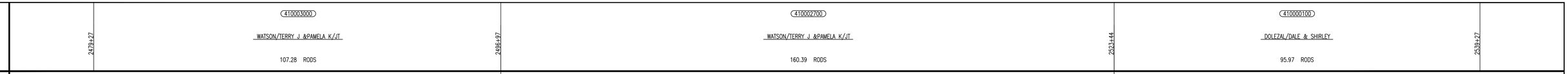
BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2419+27 TO STA. 2479+27
MP 46 TO MP 47

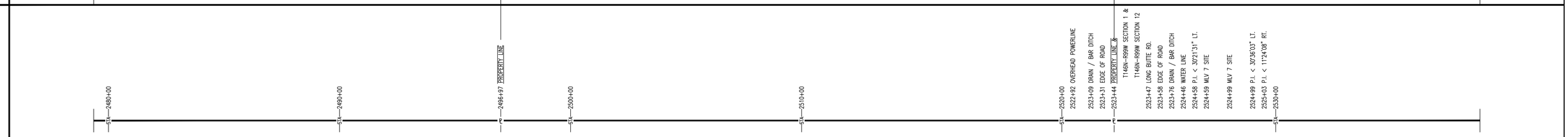
NO. BL-AP-1046

REV. 5

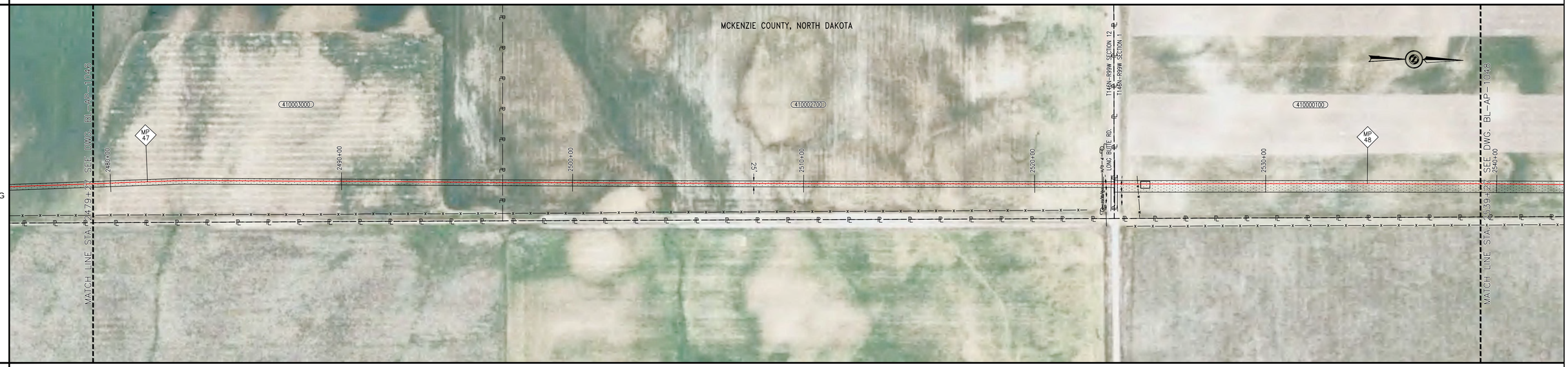
OWNERSHIP



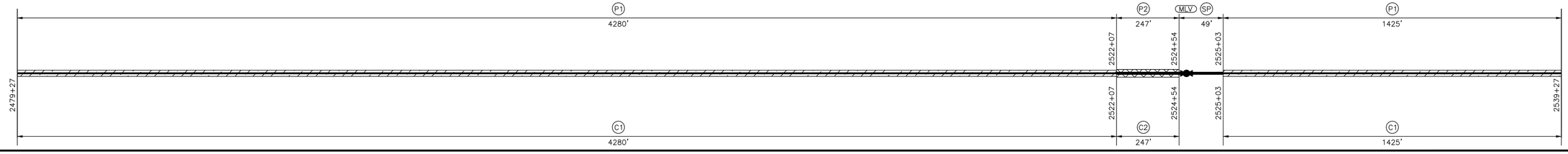
PIPELINE STATIONING



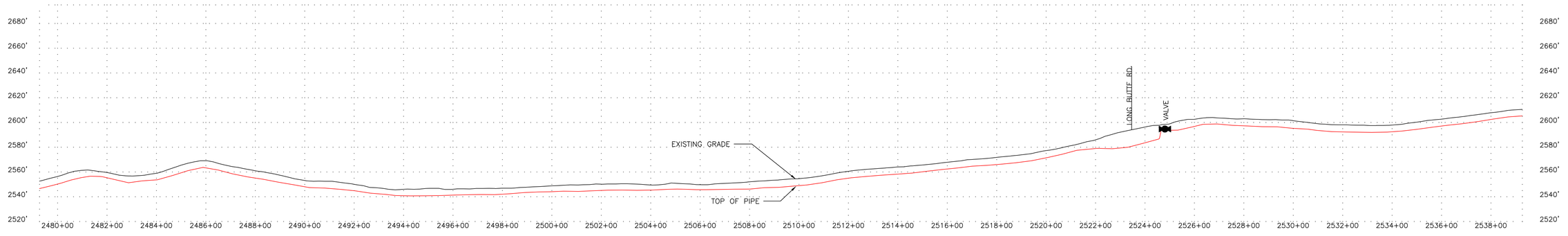
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5704 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	247 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5704 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	247 LF
SP	SEE REF. DWG.	49 LF

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2479+27 TO STA. 2539+27
MP 47 TO MP 48

NO. BL-AP-1047 REV. 5

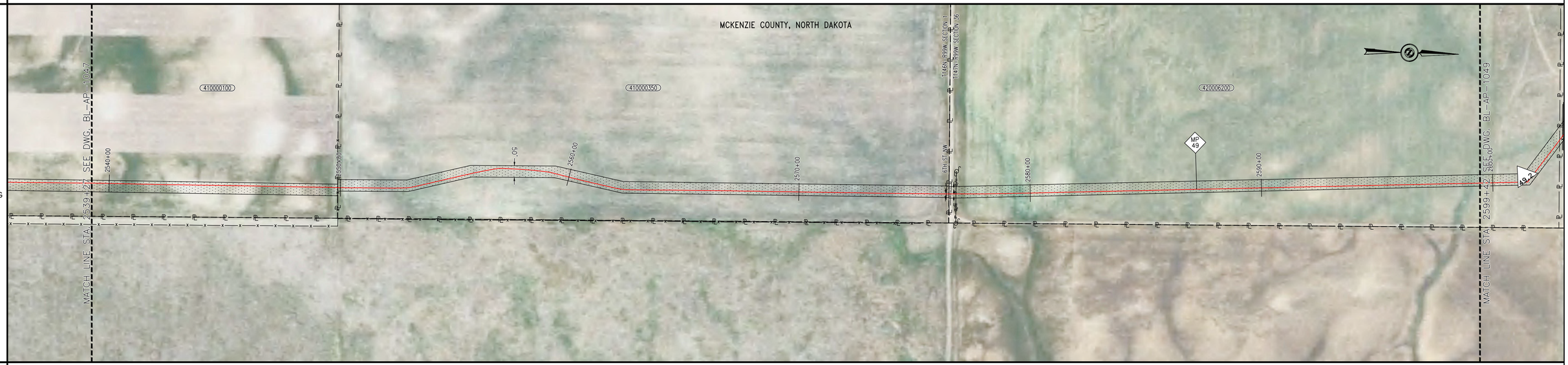
OWNERSHIP

2539+27	4100000100	2549+87	4100000350	2576+49	4200006200	2599+42
	DOLEZAL/DALE & SHIRLEY 64.24 RODS		TARNAVSKY/MORRIS A/&THOMAS R 161.31 RODS		TARNAVSKY BROTHERS 138.98 RODS	

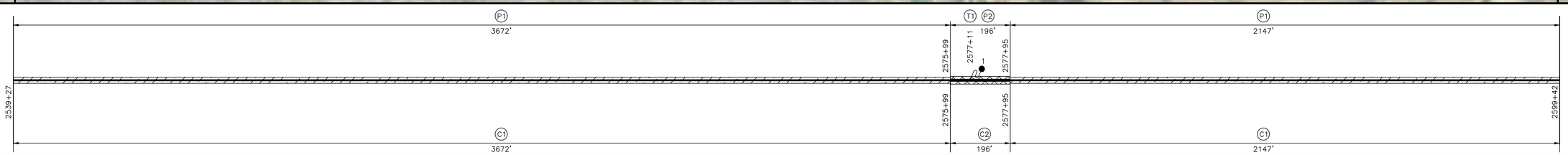
PIPELINE STATIONING

STA 2540+00	2549+87 PROPERTY LINE	2549+88 FENCE LINE	STA 2550+00	2553+04 P.I. < 5°14'55" LT.	2556+94 P.I. < 10°01'32" RT.	2559+15 P.I. < 7°04'59" RT.	STA 2560+00	2562+42 P.I. < 8°56'12" LT.	STA 2570+00	2576+35 DRAIN / BAR DITCH	2576+37 EDGE OF ROAD	2576+49 PROPERTY LINE & T146N-R99W SECTION 1 & T147N-R99W SECTION 36 & 6TH ST NW	2576+57 EDGE OF ROAD	2576+70 DRAIN / BAR DITCH	2576+79 OVERHEAD POWERLINE	STA 2580+00	STA 2590+00
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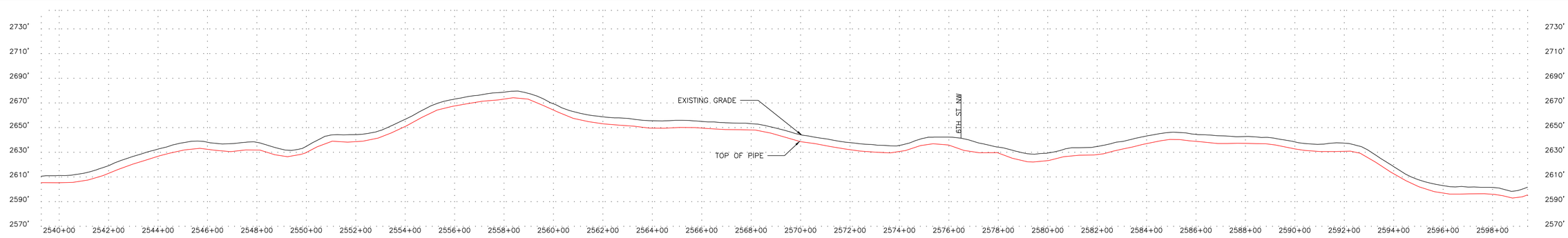
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5819 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	196 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5819 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	196 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2539+27 TO STA. 2599+42
MP 48 TO MP 49

NO. BL-AP-1048

REV. 4

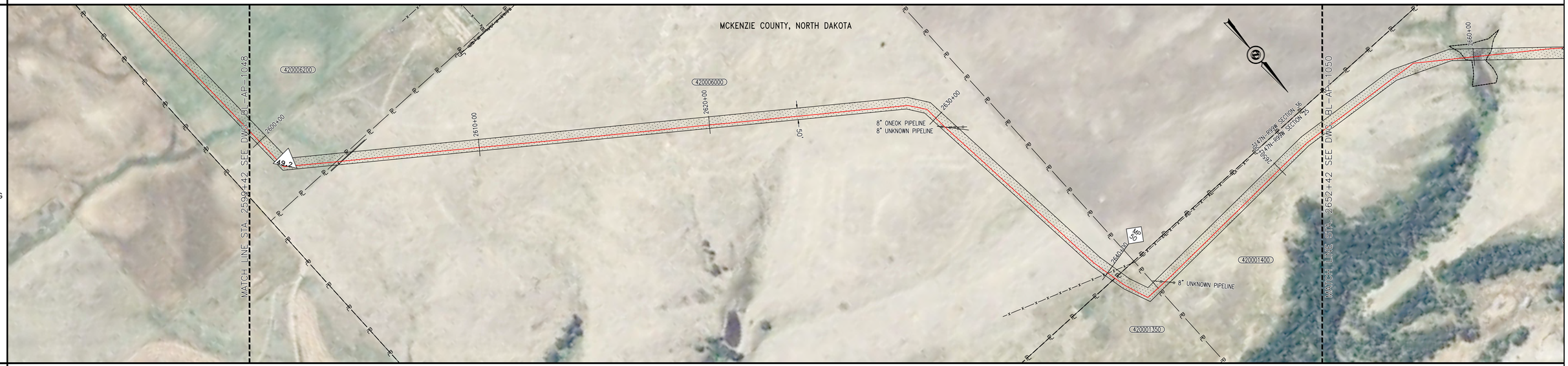
OWNERSHIP

2599+42	420006200	2603+79	420006000	2649+39	420001350	2652+64	420001400	2652+42
	TARNAVSKY BROTHERS 26.48 RODS		TARNAVSKY BROTHERS 221.83 RODS		TARNAVSKY/MORRIS A/&THOMAS R 13.62 RODS		TARNAVSKY/MORRIS A/&THOMAS R 59.28 RODS	

PIPELINE STATIONING

- 2600+00 — STA
- 2601+50 EL < 52° LT. — EL
- 2603+79 PROPERTY LINE — PL
- 2603+99 FENCE LINE — FL
- 2604+04 OVERHEAD POWERLINE — OHP
- 2610+00 — STA
- 2620+00 — STA
- 2629+47 EL < 34° RT. — EL
- 2630+00 — STA
- 2630+55 8" ONEOK PIPELINE — P
- 2630+56 8" UNKNOWN PIPELINE — P
- 2640+00 — STA
- 2640+02 FENCE LINE — FL
- 2640+39 PROPERTY LINE & T147N-R99W SECTION 25 & T147N-R99W SECTION 36 — PL
- 2642+04 EL < 68° RT. — EL
- 2642+64 PROPERTY LINE — PL
- 2643+04 8" UNKNOWN PIPELINE — P
- 2650+00 — STA
- 2651+63 P.I. < 6°31'24" RT. — PI

PLAN
MOP = 1480 PSIG

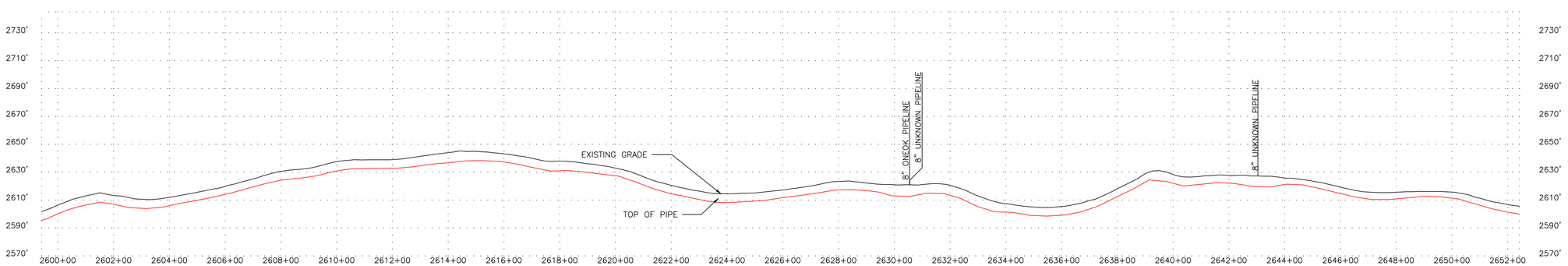


MATERIAL AND COATING

	P1	P6	P1	P6	T2	P1	P6	T2	P1
	207'	3'	2794'	2'		1255'	4'		1036'
2599+42	2601+49	2601+52		2629+46	2629+48	2630+59 (2)	2642+02	2642+06	2643+03 (2)
	C1	C3	C1	C3		C1	C3		C1
	207'	3'	2794'	2'		1255'	4'		1036'

2652+42

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	5292 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5292 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF
T2	CP TEST STATION TYPE2	2 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2599+42 TO STA. 2652+42
MP 49 TO MP 50

NO. BL-AP-1049 REV. 3

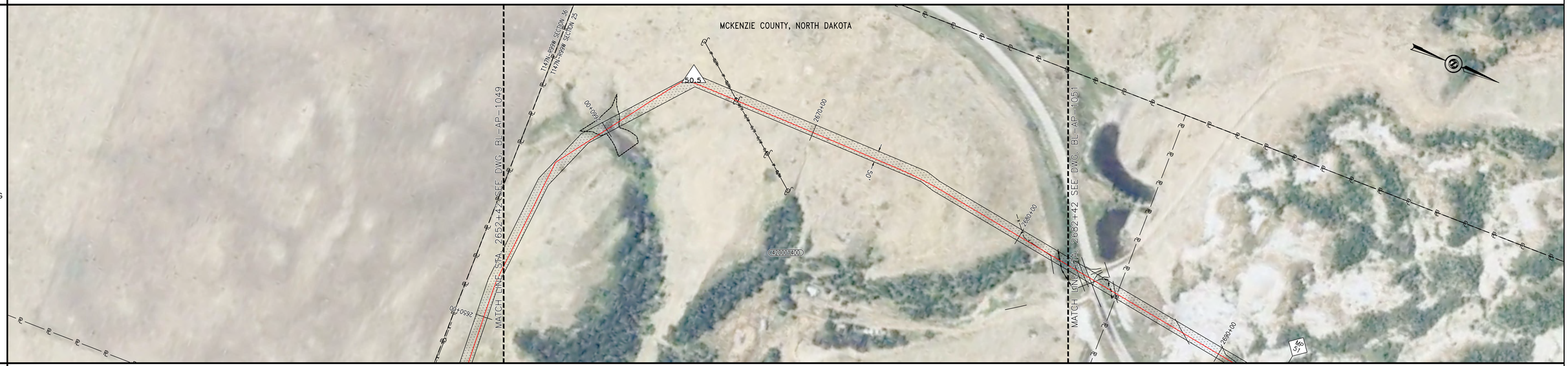
OWNERSHIP

2652+42 — 4200014400 — TARNAVSKY/MORRIS A/&THOMAS R — 181.82 RODS — 2682+42

PIPELINE STATIONING

Station	Description
2652+42	
2657+37	EL < 31° RT.
2659+59	WETLAND
2660+00	
2660+64	WETLAND
2664+03	EL < 53° RT.
2666+43	OVERHEAD POWERLINE
2670+00	
2680+00	
2681+15	FENCE LINE
2682+03	DRAIN / BAR DITCH & CULVERT
2682+09	TOE
2682+42	

PLAN
MOP = 1480 PSIG

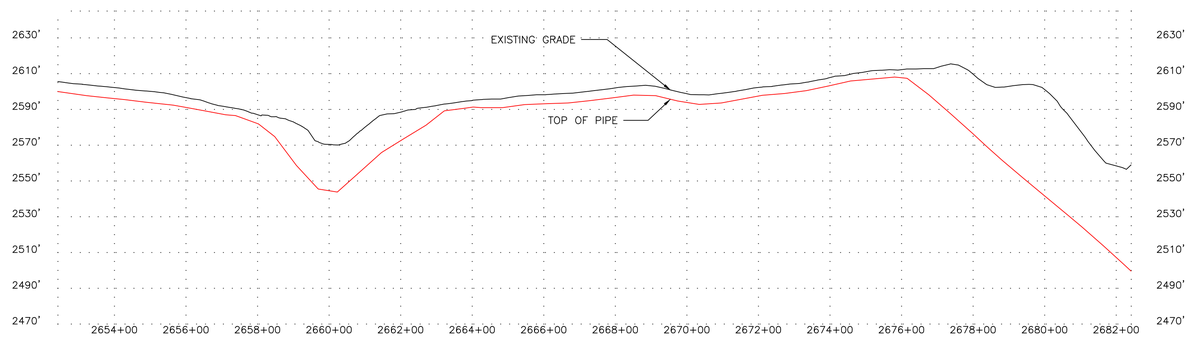


MATERIAL AND COATING

	P1	P6	P1	P2	P1	P6	P1	T3	P2
	494'	2'	65'	519'	80'	3'	1211'		626'
2652+42	2657+36	2657+38	2658+03	2663+22	2664+02	2664+05		2675+92	2676+16
	C1	C3	C1	C2	C1	C3	C1		C2
	494'	2'	65'	519'	80'	3'	1211'		626'

2652+42 — 2657+36 — 2657+38 — 2658+03 — 2663+22 — 2664+02 — 2664+05 — 2675+92 — 2676+16 — 2682+42

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	1850 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1146 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	1850 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1146 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T3	CP TEST STATION TYPE3	1 EA

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2652+42 TO STA. 2682+42
MP 50 TO MP 51

NO. BL-AP-1050 REV. 4

OWNERSHIP

420001400	420001325	420001280
2682+42 TARNAVSKY/MORRIS A/&THOMAS R 2684+91	TARNAVSKY/MORRIS A/&THOMAS R 2711+89	USA 2742+42
15.08 RODS	162.33 RODS	186.23 RODS

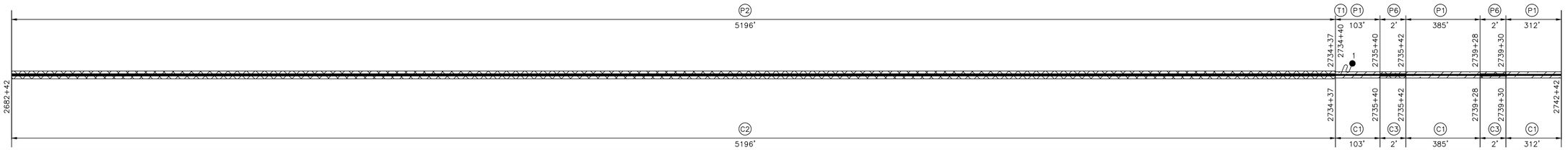
PIPELINE STATIONING

2682+89 EDGE OF ROAD
2683+22 HWY 85
2683+52 EDGE OF ROAD
2683+75 EDGE OF ROAD
2683+82 CULVERT
2684+43 TOE
2684+60 DRAIN / BAR DITCH
2684+91 PROPERTY LINE
2688+22 FENCE LINE
2690+00
2691+64 TELEPHONE OH
2700+00
2710+00
2711+69 PROPERTY LINE
T147N-R99W SECTION 24 &
T147N-R99W SECTION 25
2711+77 FENCE LINE
2717+73 OVERHEAD POWERLINE
2719+35 OVERHEAD POWERLINE
2720+00
2730+00
2731+16 FENCE LINE
2731+82 EDGE OF ROAD
2731+94 7TH ST SW
2732+08 EDGE OF ROAD
2735+41 EL. < 39' LT.
2739+29 EL. < 37' RT.
2740+00

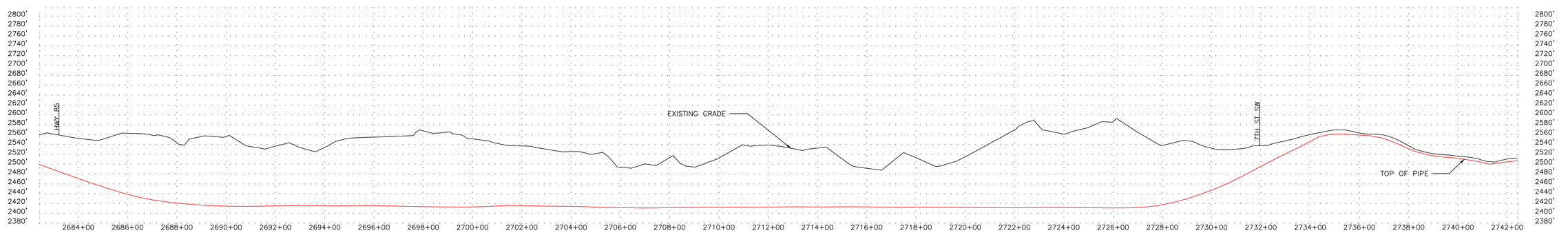
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
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- SECTION LINE
- TWP/RNG LINE
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- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	801 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	5196 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	801 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	5196 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	1 EA

PROJECT CONSULTING SERVICES, INC.
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METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

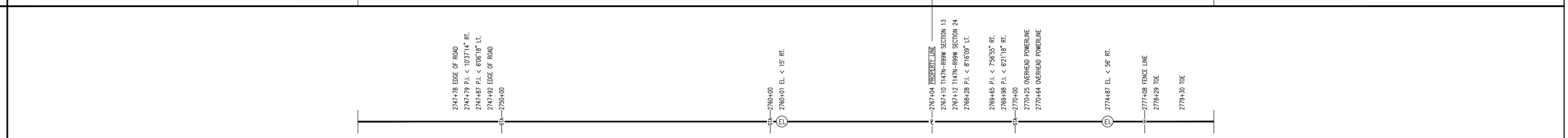
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2682+42 TO STA. 2742+42
MP 51 TO MP 52

NO. BL-AP-1051
REV. 4

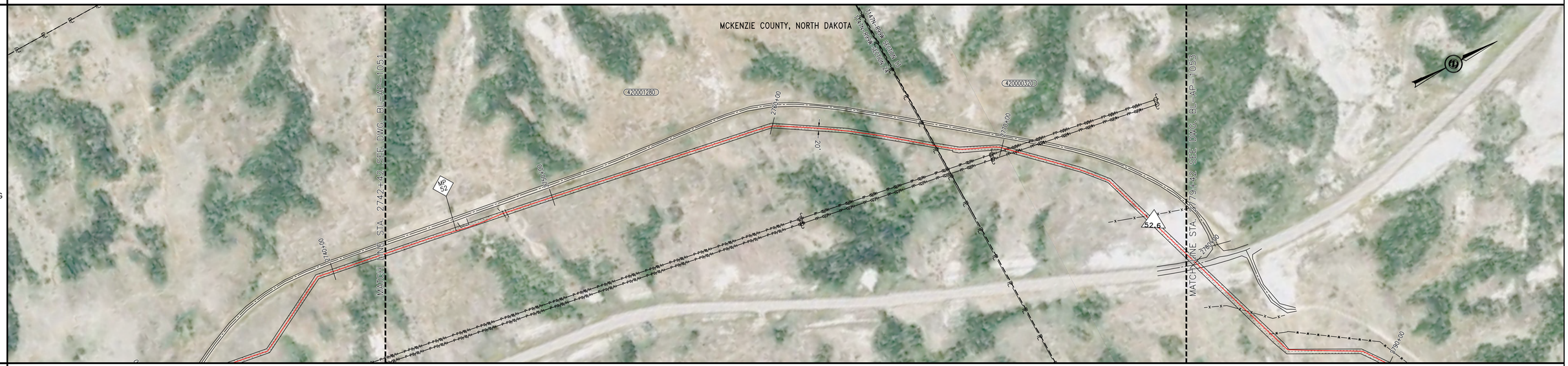
OWNERSHIP



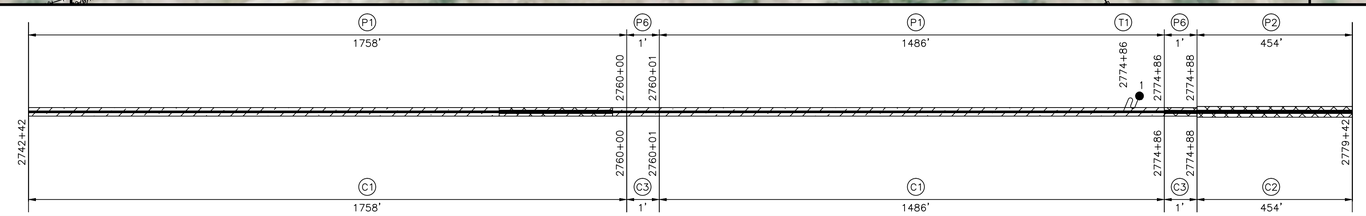
PIPELINE STATIONING



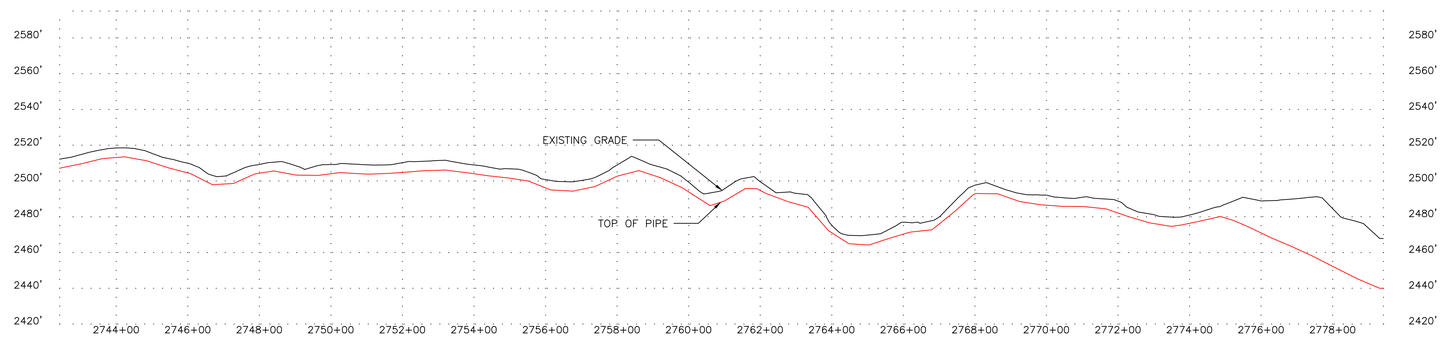
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	3244 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	454 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3244 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	454 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

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2	12/13/13	RECORD DRAWING
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4	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
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CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2742+42 TO STA. 2779+42
MP 52 TO MP 53

NO. BL-AP-1052
REV. 4

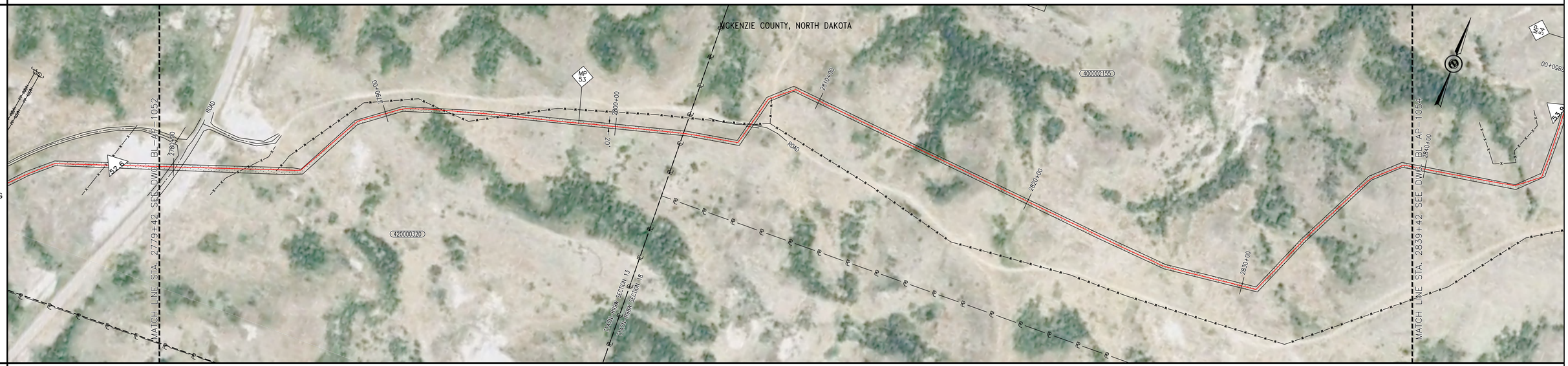
OWNERSHIP

2779+42 — 4200003320 — USA — 142.59 RODS — 2802+95 — 4000002155 — USA — 221.04 RODS — 2839+42

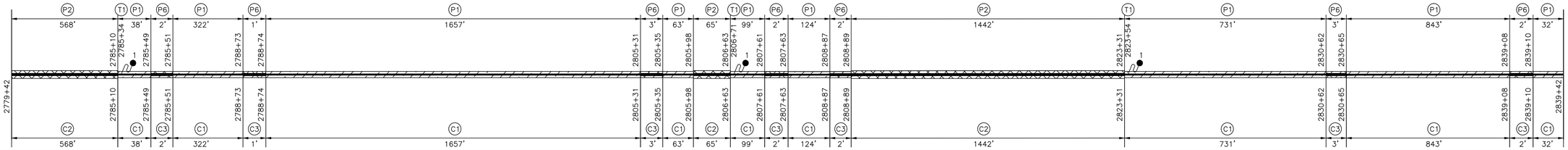
PIPELINE STATIONING

2779+50	TOE
2779+86	EDGE OF ROAD
2780+00	
2780+10	CENTER OF ROAD
2780+32	EDGE OF ROAD
2780+64	TOE
2780+90	TOE
2783+05	FENCE LINE
2784+49	WATER LINE
2785+50	EL. < 40° RT.
2788+74	EL. < 24° RT.
2790+00	
2790+60	P.I. < 5°24'00" RT.
2790+90	P.I. < 12°14'13" RT.
2792+51	WATER LINE
2795+30	WATER LINE
2800+00	
2802+95	PROPERTY LINE T147N-R99W SECTION 13 & T147N-R98W SECTION 18
2805+31	P.I. < 14°09'47" LT.
2805+33	P.I. < 29°03'21" LT.
2805+33	EL. < 65° RT.
2805+35	P.I. < 21°19'56" LT.
2806+18	EDGE OF ROAD
2806+27	CENTER OF ROAD
2806+31	WATER LINE
2806+32	EDGE OF ROAD
2807+62	EL. < 35° RT.
2808+88	EL. < 44° RT.
2810+00	
2820+00	
2826+44	P.I. < 8°21'19" LT.
2830+00	
2830+63	EL. < 61° RT.
2839+09	EL. < 30° RT.

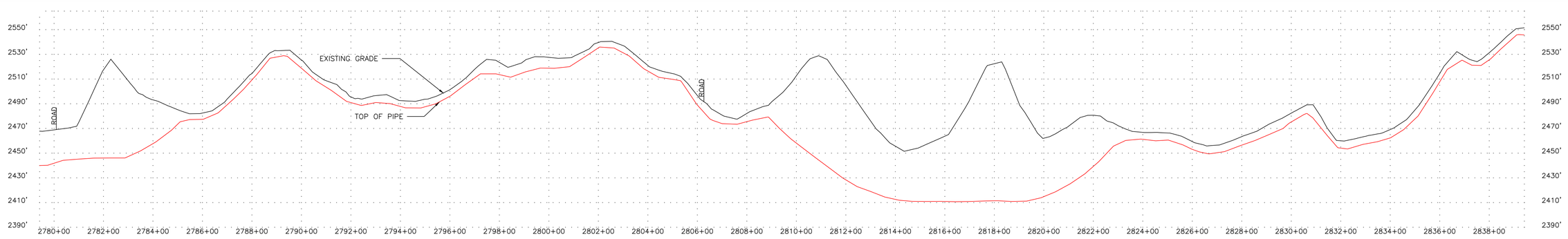
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

C/L PIPELINE	WEEDS	MILE MARKER (CALC.)	
FOREIGN PIPELINE	WETLAND BOUNDARY	AERIAL MARKER	
CL ROAD	TREES/SHRUBS	LINE MARKER/WARNING	
EDGE ROAD	PROPERTY LINE	POWER POLE	
CL RAILROAD	SECTION LINE	HDD ENTRY/EXIT	
FENCE LINE	TWP/RNG LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC	COUNTY/PARISH LINE	MAINLINE VALVE	
UNDERGROUND ELECTRIC	PERMANENT EASEMENT (PLAN)	TREE	
CABLE		GUY WIRE	
UNDERGROUND TELEPHONE		WELL	
WATERBODY			
CL DITCH			
TREELINE			

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	7 EA
C1	16 MILS FUSION BONDED EPOXY	3909 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	2075 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	16 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3909 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	2075 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	16 LF
T1	CP TEST STATION TYPE1	3 EA

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

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlL_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

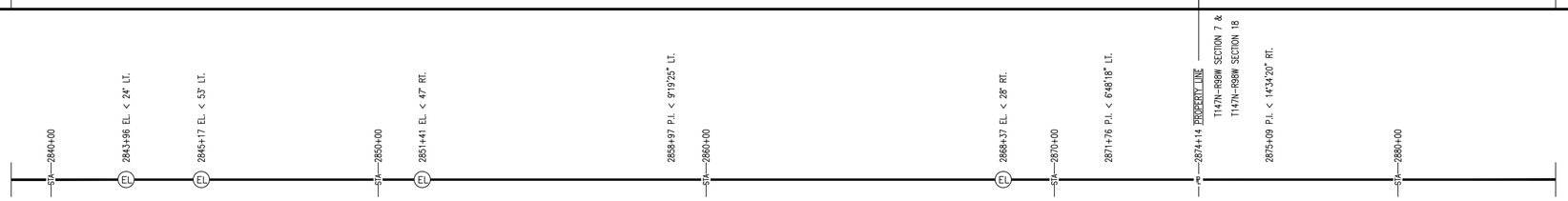
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2779+42 TO STA. 2839+42
MP 53 TO MP 54

NO. BL-AP-1053 REV. 5

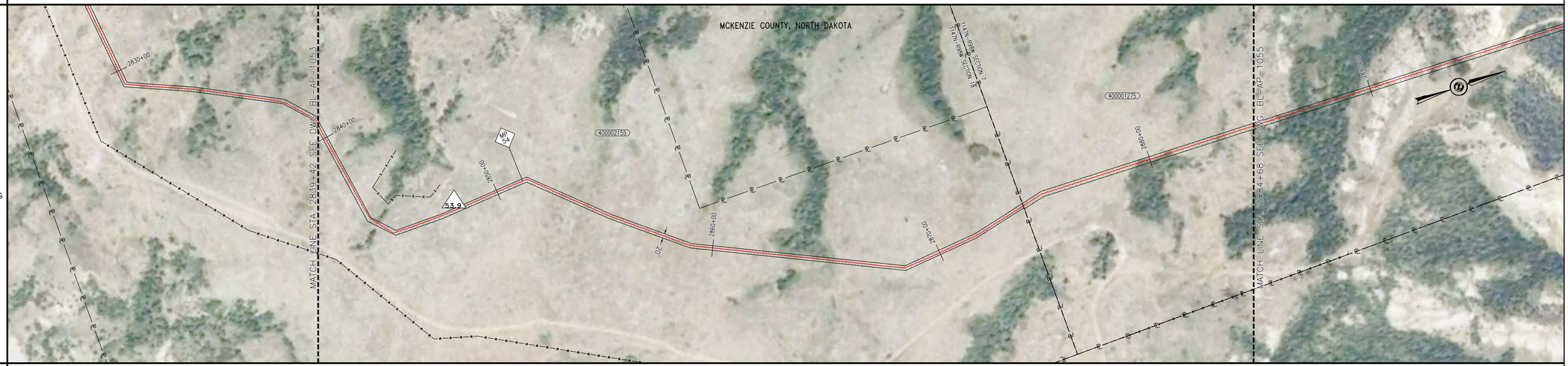
OWNERSHIP



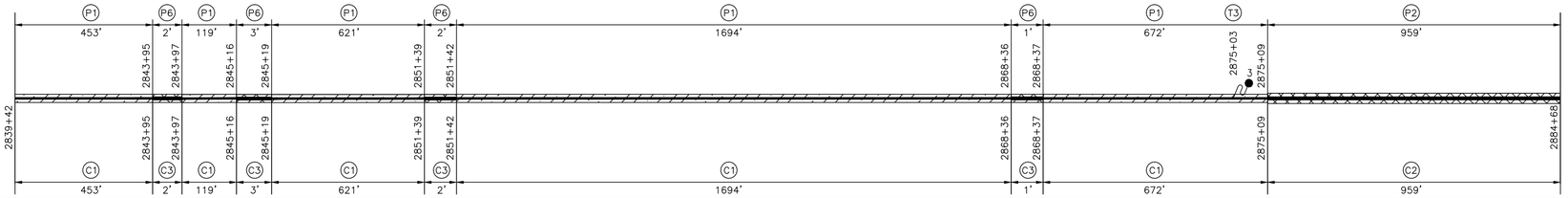
PIPELINE STATIONING



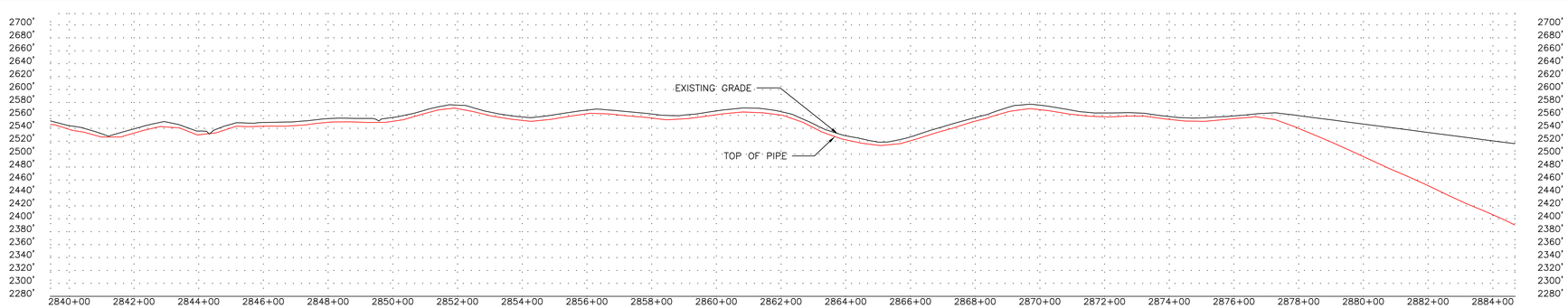
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	4 EA
C1	16 MILS FUSION BONDED EPOXY	3559 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	959 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3559 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	959 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

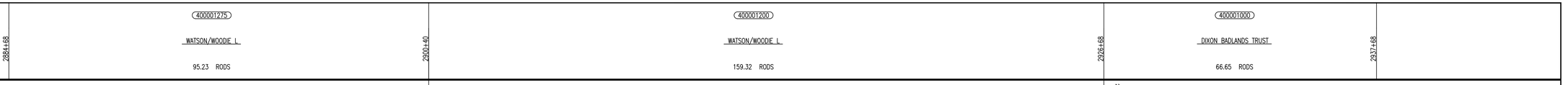
BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2839+42 TO STA. 2884+68
MP 54 TO MP 55

NO. BL-AP-1054

REV. 5

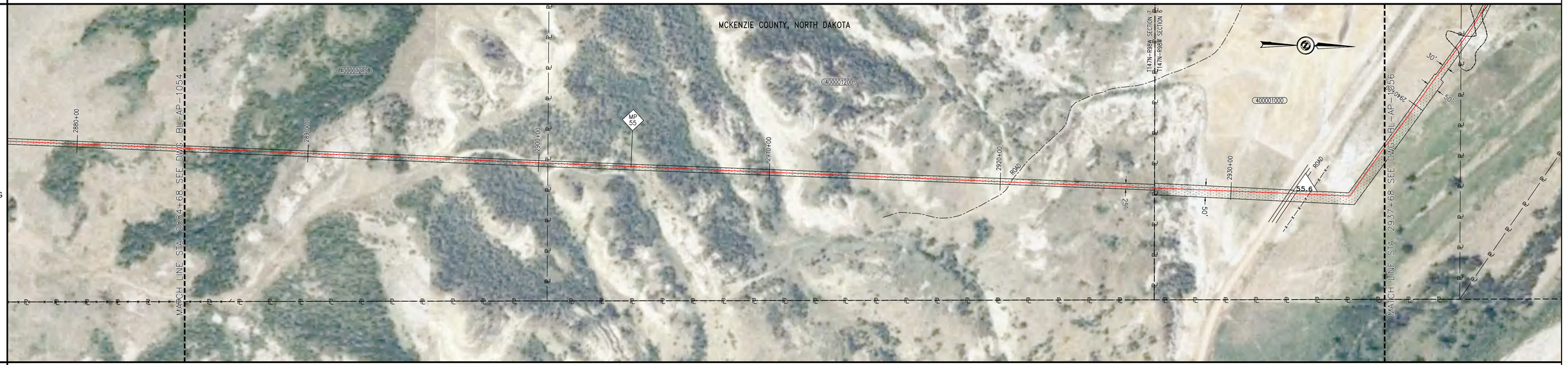
OWNERSHIP



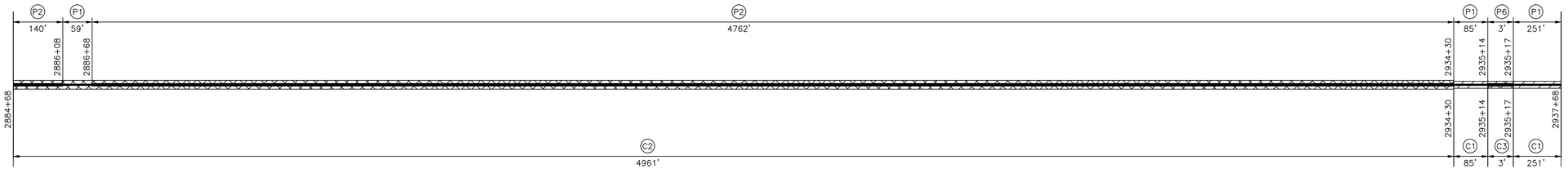
PIPELINE STATIONING



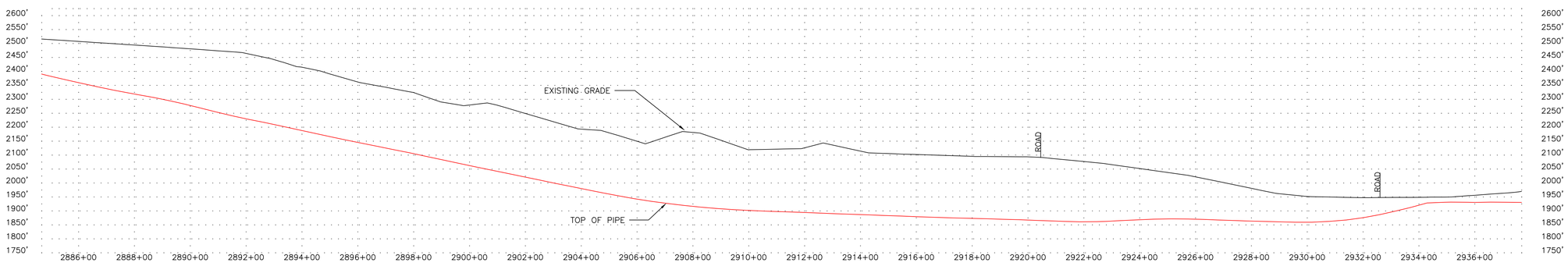
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	336 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	4961 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	395 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	4902 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 200'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2884+68 TO STA. 2937+68
MP 55 TO MP 56

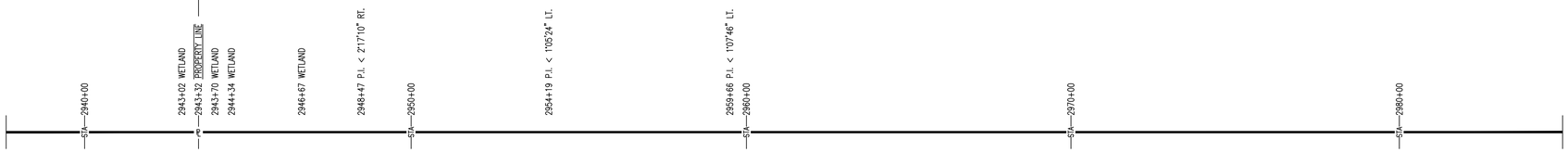
NO. BL-AP-1055

REV. 5

OWNERSHIP



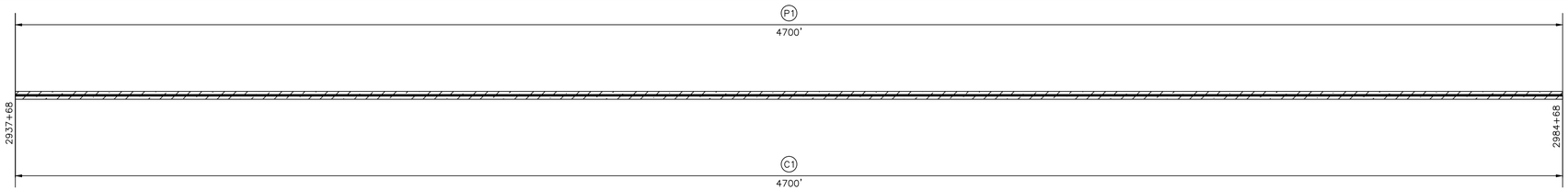
PIPELINE STATIONING



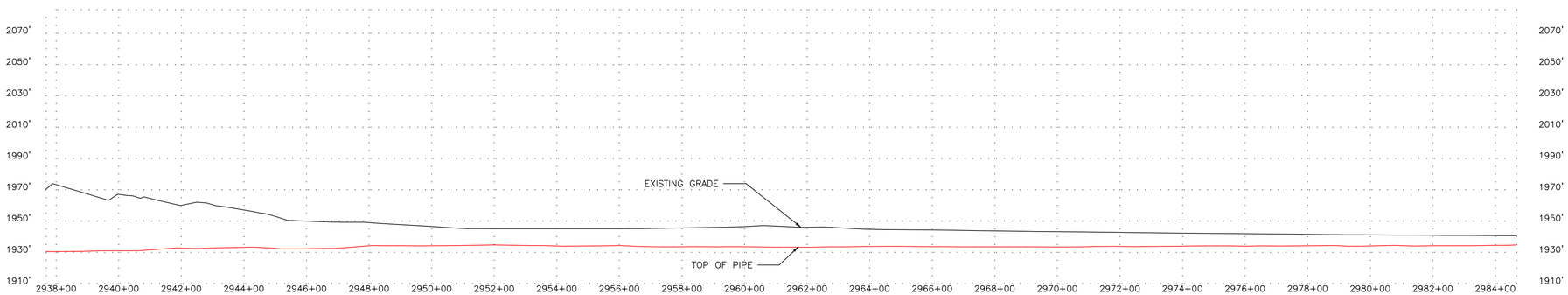
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4700 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4700 LF

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REVISIONS

NO.	DATE	DESCRIPTION
4	12/13/13	RECORD DRAWING
5	04/14/14	BAND REALIGNMENTS
6	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2937+68 TO STA. 2984+68
MP 56 TO MP 57

NO. BL-AP-1056
REV. 6

OWNERSHIP

4000011100	4200001100	6200067700	6200065500
2984+68 DIXON BADLANDS TRUST 2985+87	WATSON/WOODIE L 3007+18	OLSON/LORIN/& TERI NELSON & LANCE 3033+55	OLSON/LORIN/& TERI NELSON & LANCE 3034+68
7.22 RODS	129.15 RODS	159.77 RODS	6.88 RODS

PIPELINE STATIONING

2985+87 PROPERTY LINE & T147N-R99W SECTION 1 & T147N-R98W SECTION 6
2986+17 MLV 6 SITE
2986+37 MAINLINE VALVE 6
2986+57 MLV 6 SITE
2986+68 EL < 69' RT.
2990+00 57A
3000+00
3003+00 TOE
3003+01 WATER BODY
3007+18 T147N-R99W SECTION 1 & T148N-R99W SECTION 36 & PROPERTY LINE
3007+94 TOE
3008+05 WATER BODY
3010+00 57A
3013+53 UNDERGROUND POWERLINE
3014+52 EDGE OF ROAD
3014+59 CENTER OF ROAD
3014+64 EDGE OF ROAD
3017+15 DRAIN / BAR DITCH
3018+13 DRAIN / BAR DITCH
3018+93 TOE
3020+00 57A
3033+00
3033+55 PROPERTY LINE

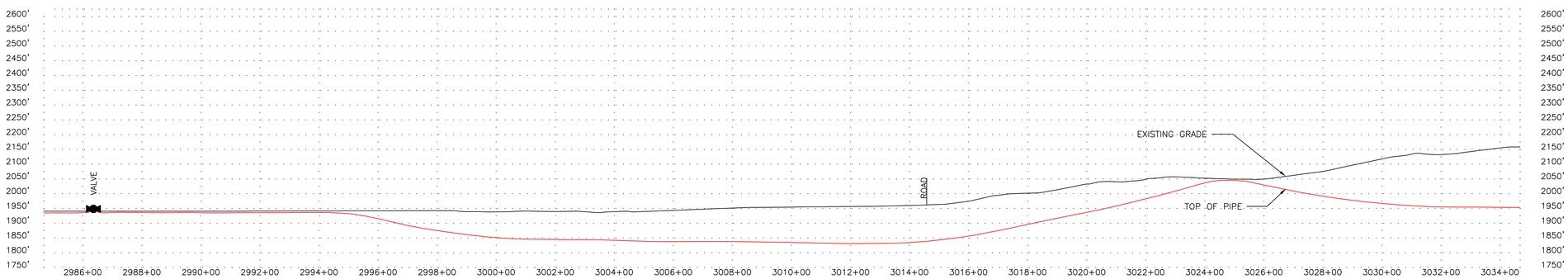
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	MLV	SP	P6	P1	P2	P1	P2
148'	37	50'	4'	766'	2980'	123'	929'
2984+68 2986+16	2986+37	2986+66	2986+69	2994+36	3024+16	3025+39	3034+68
C1		C3		C1	C2	C1	C2

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	1037 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	3909 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	1037 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	3909 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
SP	SEE REF. DWG.	50 LF

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REVISIONS

NO.	DATE	DESCRIPTION
5	12/13/13	RECORD DRAWING
6	04/14/14	BAND REALIGNMENTS
7	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mi_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 2984+68 TO STA. 3034+68
MP 57 TO MP 57

NO. BL-AP-1057

REV. 7

OWNERSHIP

6200006500 — OLSON/LORIN/& TERI NELSON & LANCE — 152.79 RODS (3034+68 to 3059+89)

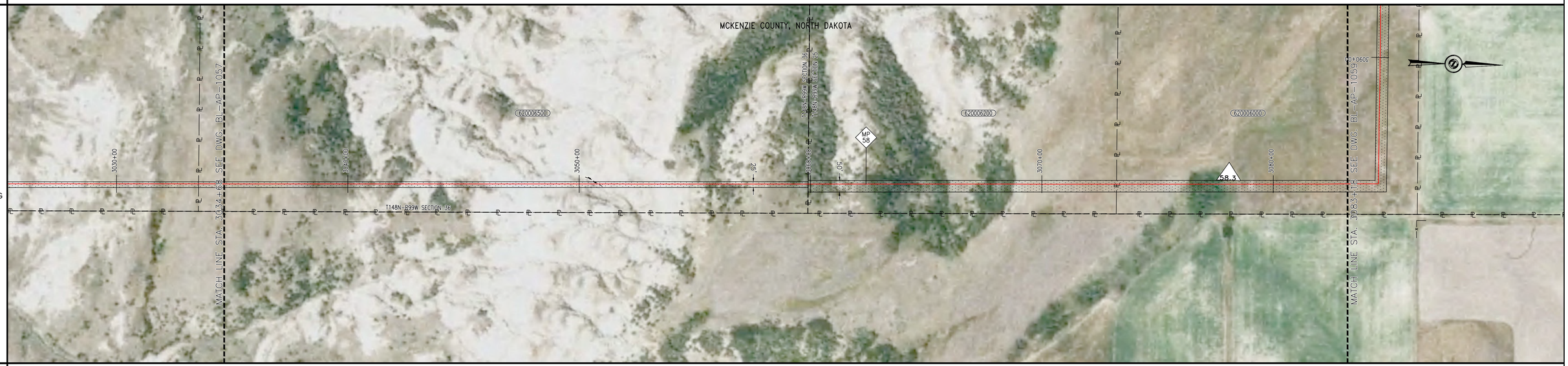
6200006200 — STUTRUD/ODIN C & HAZEL G/JT — 80.80 RODS (3059+89 to 3073+23)

6200006000 — STUTRUD/ODIN C & HAZEL G/JT — 60.35 RODS (3073+23 to 3083+18)

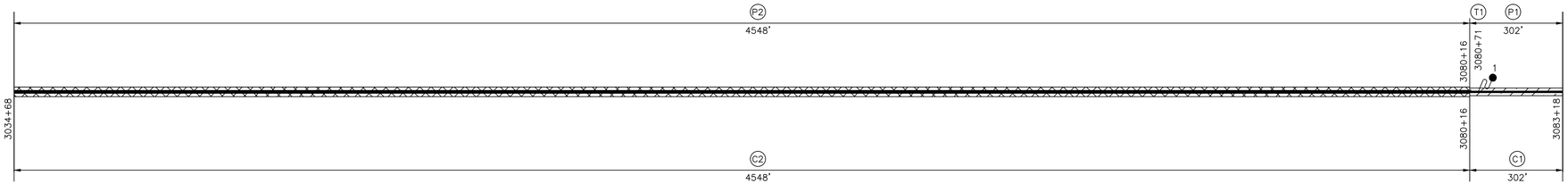
PIPELINE STATIONING

3034+68 — 3040+00 — 3050+00 — 3050+85 DRAIN / BAR DITCH — 3059+89 PROPERTY LINE & T148N-R99W SECTION 36 & T148N-R99W SECTION 25 — 3060+00 — 3070+00 — 3073+23 PROPERTY LINE — 3080+00 — 3083+18

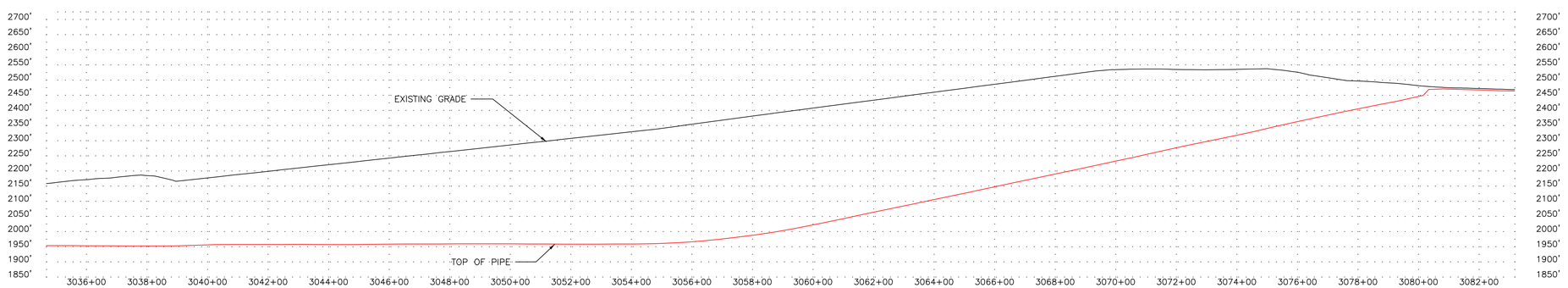
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	302 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	4548 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	302 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	4548 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
4	12/13/13	RECORD DRAWING
5	04/14/14	BAND RELAIGNMENTS
6	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 200'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

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BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3034+68 TO STA. 3083+18
MP 57 TO MP 58

NO. BL-AP-1058 REV. 6

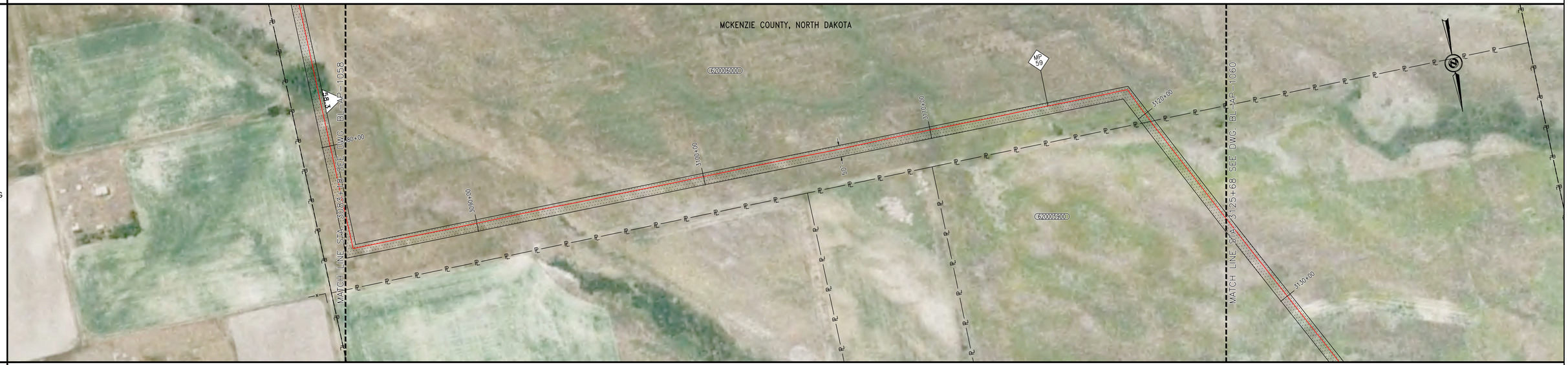
OWNERSHIP

3083+18 — 6200056000 STUTRUD/ODIN C & HAZEL G/JT — 225.58 RODS — 3120+40 — 6200055900 STUTRUD/ODIN C & HAZEL G/JT — 31.99 RODS — 3125+68

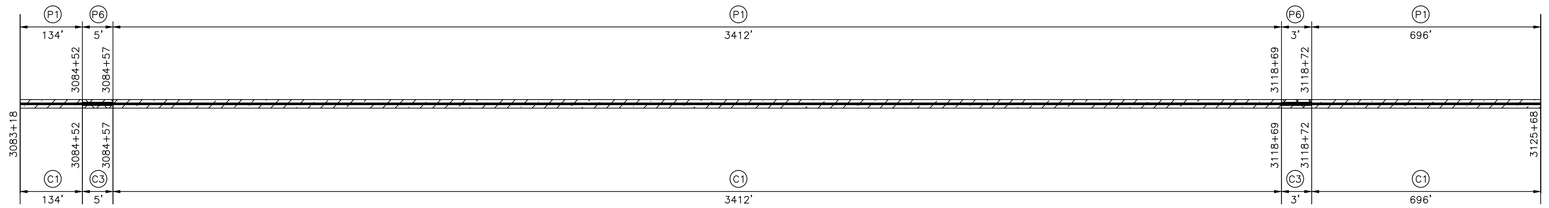
PIPELINE STATIONING

EL 3084+54 EL. < 90° LT. — STA 3090+00 — STA 3100+00 — STA 3110+00 — EL 3118+71 EL. < 65° RT. — STA 3120+00 — 3120+40 PROPERTY LINE

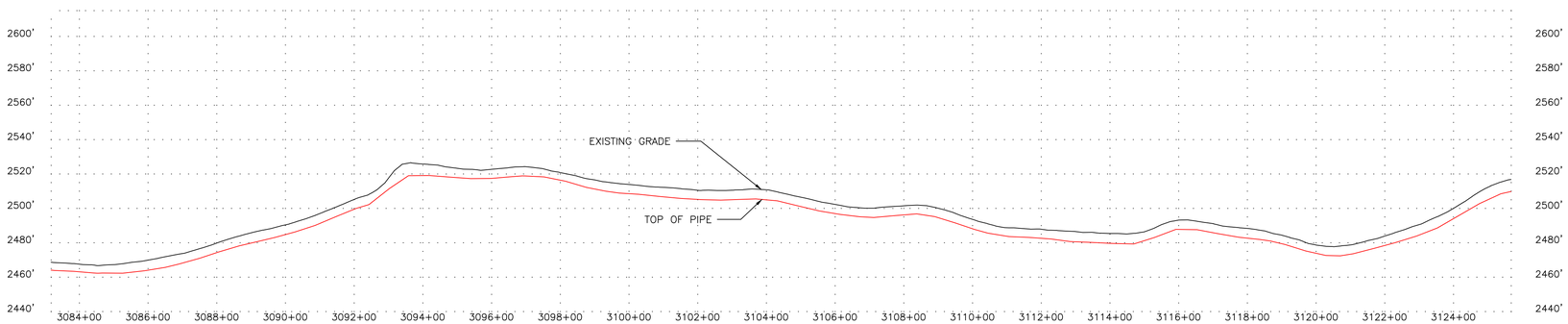
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE — O — O — O — O —
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	4242 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	8 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4242 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	8 LF

PROJECT CONSULTING SERVICES, INC.
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METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3083+18 TO STA. 3125+68
MP 58 TO MP 59

NO. BL-AP-1059 REV. 4

OWNERSHIP

620005900	620005500	620005200
STUTRUD/ODIN C & HAZEL G/JT	MARMON/LARRY T & LINDA/JT	BORSETH/MAX R
146.62 RODS	48.01 RODS	47.80 RODS

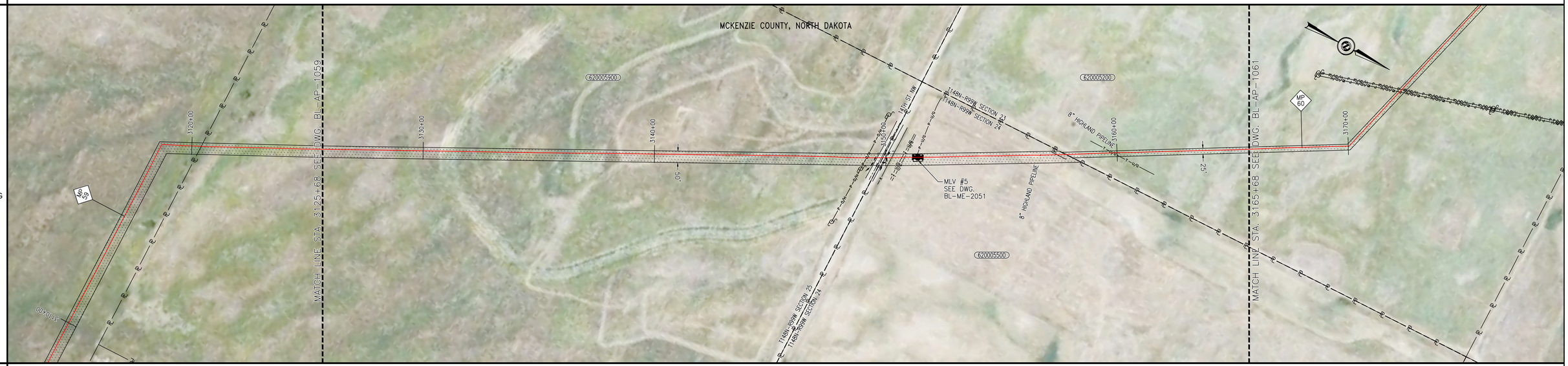
3125+68 | 3148+88 | 3157+80 | 3165+68

PIPELINE STATIONING

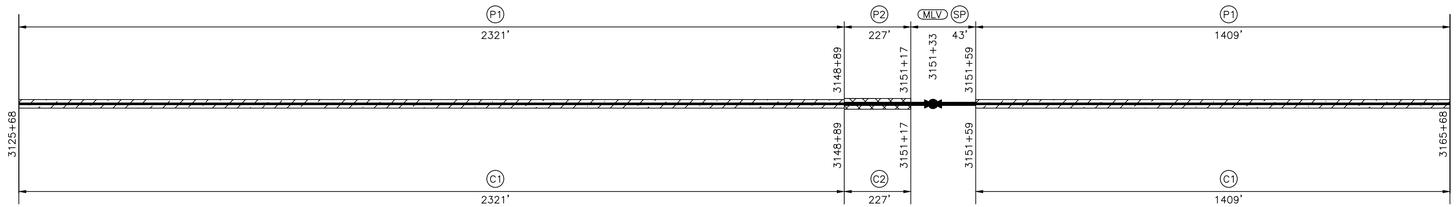
3130+00 | 3140+00

3149+17 OVERHEAD POWERLINE
3149+56 DRAIN / BAR DITCH
3149+63 EDGE OF ROAD
3149+81 14TH ST NW
3149+88 PROPERTY LINE &
T148N-R99W SECTION 24 &
T148N-R99W SECTION 25
3149+99 EDGE OF ROAD
3150+04 DRAIN / BAR DITCH
3150+00
3150+26 FENCE LINE
3150+70 TELEPHONE UG
3150+81 TELEPHONE UG
3151+18 MLV 5 SITE
3151+33 MAINLINE VALVE 5
3151+40 UNDERGROUND POWERLINE
3151+58 MLV 5 SITE
3156+69 8" HIGHLAND PIPELINE
3157+40 FENCE LINE
3157+80 PROPERTY LINE &
T148N-R99W SECTION 24 &
T148N-R99W SECTION 23
3159+82 TELEPHONE UG
3160+00
3160+06 8" HIGHLAND PIPELINE

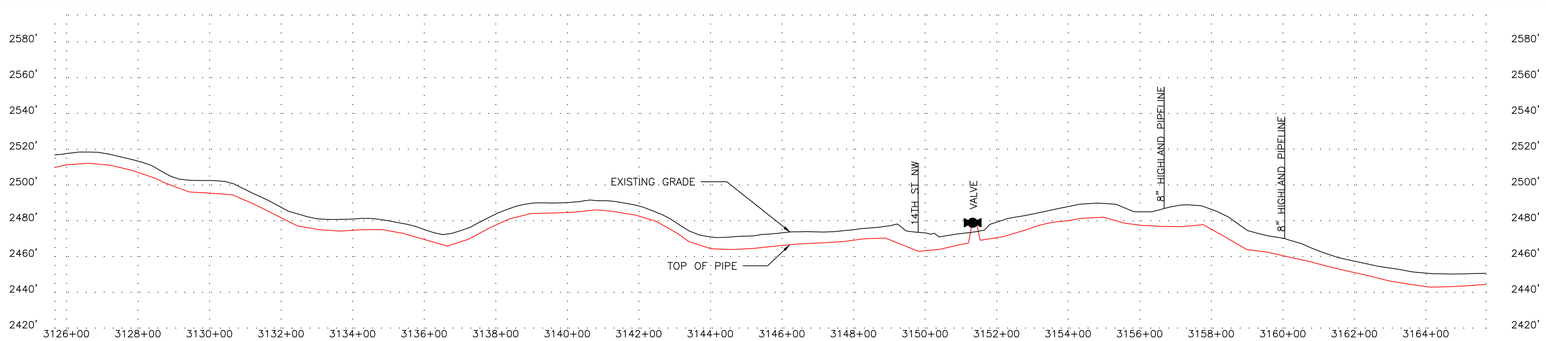
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	3730 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	227 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3730 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	227 LF
SP	SEE REF. DWG.	43 LF

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

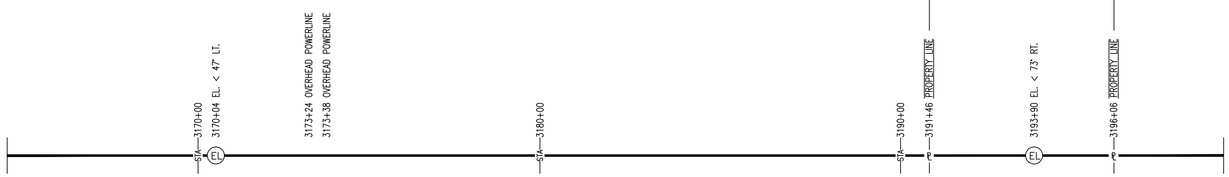
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3125+68 TO STA. 3165+68
MP 59 TO MP 60

NO. BL-AP-1060 REV. 5

OWNERSHIP



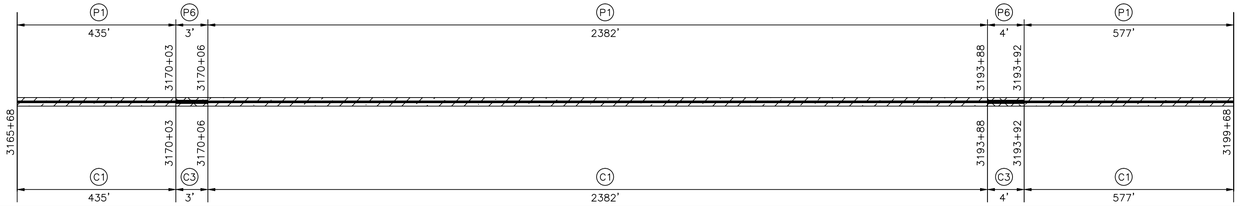
PIPELINE STATIONING



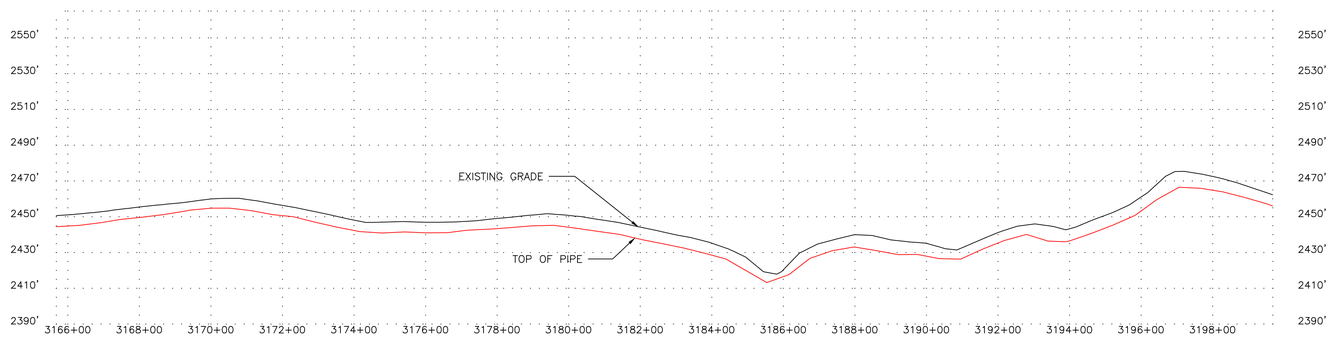
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	3394 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	6 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3394 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	6 LF

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3165+68 TO STA. 3199+68
MP 60 TO MP 61

NO. BL-AP-1061 REV. 3

OWNERSHIP

3199+68	620005400	3222+41	620004300	3235+89	620004200	3249+22	620004400	3254+68
	BORSETH/MAX R/ET AL 137.73 RODS		BORSETH/MAX R/ET AL 81.74 RODS		WILSON/CECIL/JR ET AL 80.78 RODS		TWEDEN/WALLACE D/TRUSTEE 33.08 RODS	

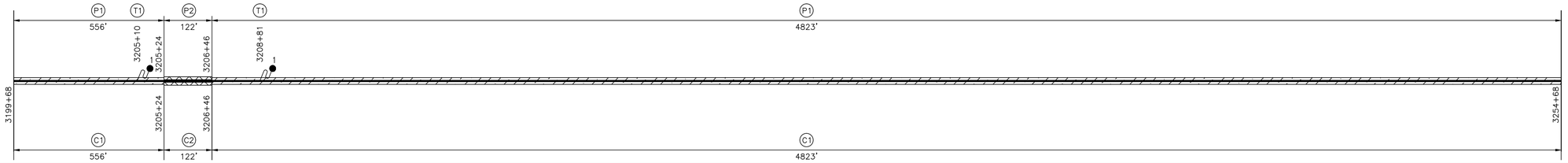
PIPELINE STATIONING

3200+00 — 3205+18 TOE — 3205+69 EDGE OF ROAD — 3206+10 127TH AVE NW — 3206+39 EDGE OF ROAD — 3207+51 TOE — 3208+79 8" ONEOK PIPELINE — 3210+00 — 3220+00 — 3220+20 TOE — 3220+30 TOE — 3222+41 PROPERTY LINE & T148N-R99W SECTION 23 & T148N-R99W SECTION 14 — 3222+65 FENCE LINE — 3226+49 DRAIN / BAR DITCH — 3230+00 — 3232+90 FENCE LINE — 3235+58 P.I. < 11°56'18" LT. — 3235+58 FENCE LINE — 3235+89 PROPERTY LINE — 3240+00 — 3249+22 PROPERTY LINE — 3250+00

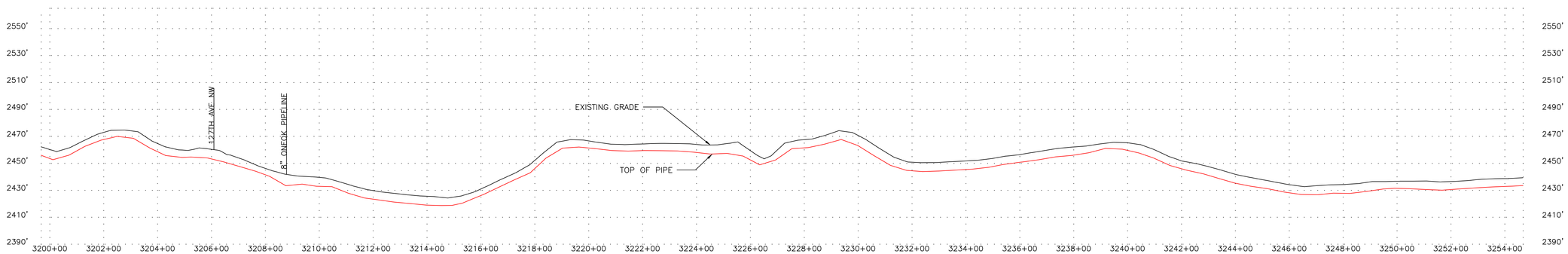
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5378 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	122 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5378 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	122 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3199+68 TO STA. 3254+68
MP 61 TO MP 62

NO. BL-AP-1062 REV. 4

OWNERSHIP

620004400	620002750	620002850	620002800
TWEDEN/WALLACE D/TRUSTEE	ZINGLEMAN/DON H	ZINGLEMAN/DON H	ZINGLEMAN/DON H
132.42 RODS	84.50 RODS	83.45 RODS	63.27 RODS

3254+68 | 3276+53 | 3280+47 | 3304+24 | 3314+68

PIPELINE STATIONING

3260+00 | 3265+96 WATER BODY | 3266+07 WATER BODY | 3270+00 | 3275+94 EDGE OF ROAD | 3276+12 EDGE OF ROAD | 3276+52 FENCE LINE | 3276+53 PROPERTY LINE & T148N-R99W SECTION 11 & T148N-R99W SECTION 14 | 3280+00 | 3290+00 | 3290+47 PROPERTY LINE | 3295+96 P.L. < 6°15'00" LT. | 3300+00 | 3304+24 PROPERTY LINE | 3306+88 8" ONEOK PIPELINE | 3307+63 FENCE LINE | 3310+00

PLAN
MOP = 1480 PSIG



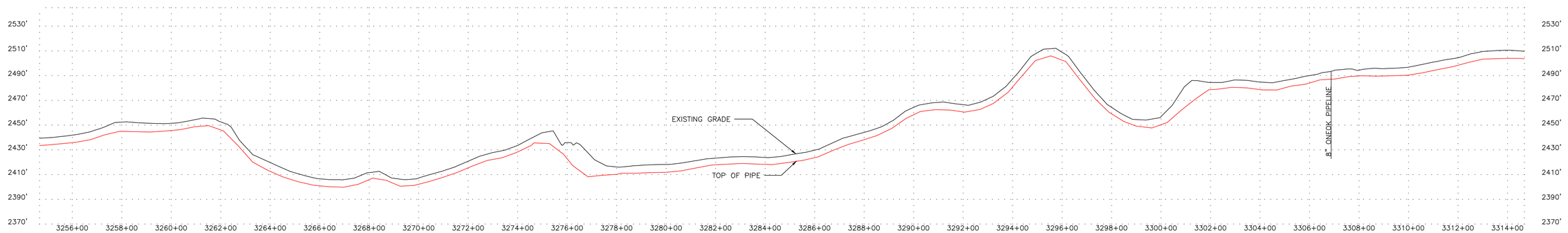
MATERIAL AND COATING

P1	T1	P2	P1	P2	P1	T1	P2	P1
2060'	275'		2222'	168'	450'	119'		706'

3254+68 | 3275+28 | 3276+94 | 3278+03 | 3300+25 | 3301+93 | 3306+43 | 3306+89 | 3307+62 | 3314+68

C1	C2	C1	C2	C1	C2	C1
2060'	275'	2222'	168'	450'	119'	706'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5438 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	562 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5438 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	562 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3254+68 TO STA. 3314+68
MP 62 TO MP 63

NO. BL-AP-1063 REV. 4

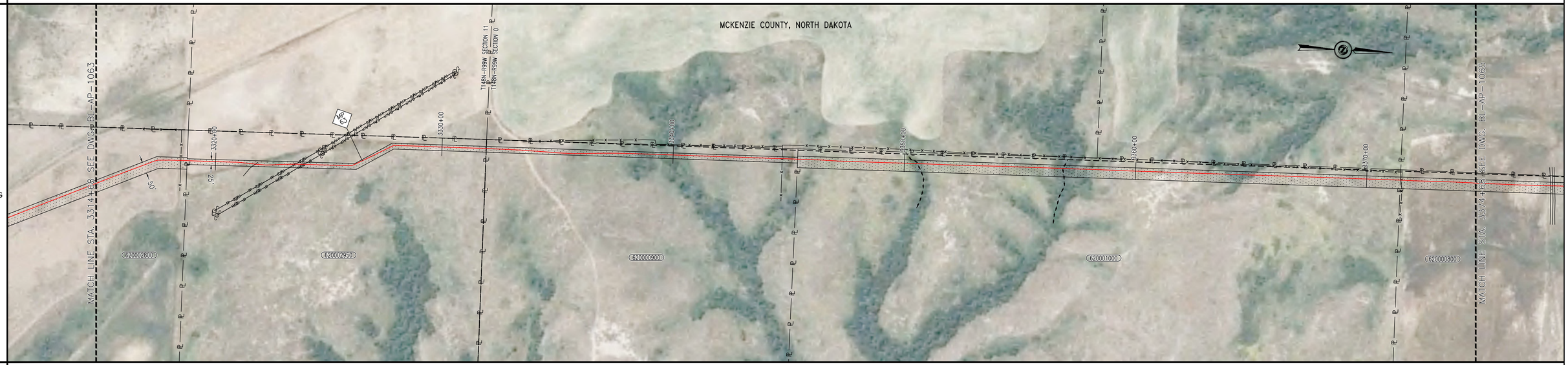
OWNERSHIP

3314+68	6200072800	3318+77	6200072850	3331+91	6200092100	3345+38	6200001000	3371+45	6200000800	3374+68
	ZINGLEMAN/DON H 24.78 RODS		NORSTOG FAMILY TRUST 79.65 RODS		NORSTOG FAMILY TRUST 81.63 RODS		ZINGLEMAN/DON H/& THE DON ZINGLEMAN 158.00 RODS		STENEHJEM/JUDITH H/(SLS) LTD PTR 19.58 RODS	

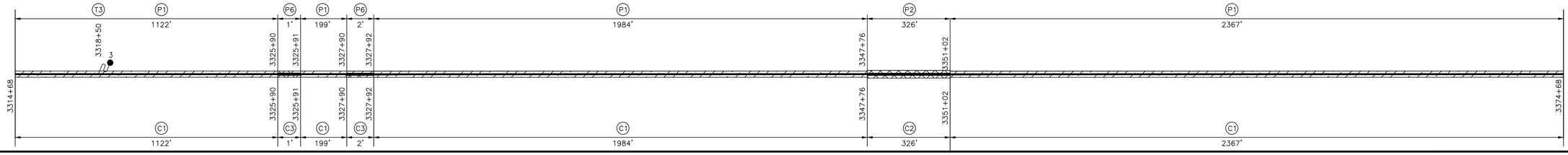
PIPELINE STATIONING

3317+51 P.I. < 15°30'47" RT.
3318+50 FENCE LINE
3318+77 PROPERTY LINE
3320+00
3321+73 FENCE LINE
3322+19 P.I. < 5°58'48" LT.
3323+46 OVERHEAD POWERLINE
3323+83 OVERHEAD POWERLINE
3325+91 EL. < 26' LT.
3327+91 EL. < 27' RT.
3330+00
3331+91 T148N-R99W SECTION 0 & PROPERTY LINE & T148N-R99W SECTION 11
3340+00
3344+71 FENCE LINE
3345+38 PROPERTY LINE
3350+00
3350+54 DRAIN / BAR DITCH
3356+87 DRAIN / BAR DITCH
3360+00
3370+00
3371+45 PROPERTY LINE
3371+51 FENCE LINE

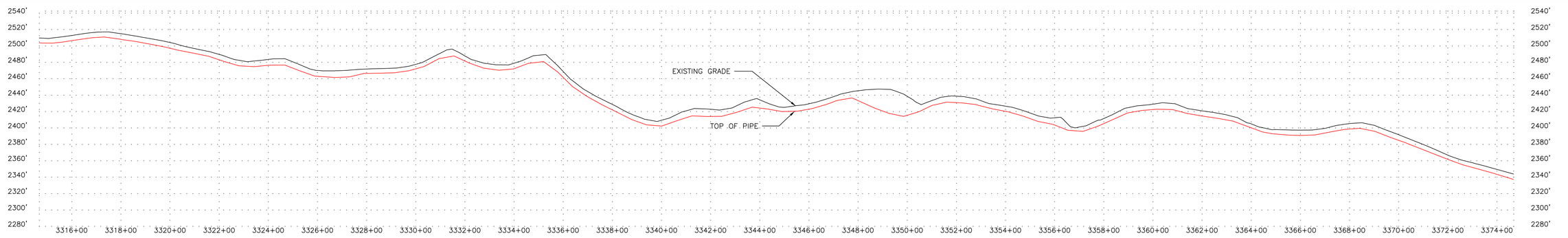
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5671 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	326 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5671 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	326 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T3	CP TEST STATION TYPE3	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 60'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3314+68 TO STA. 3374+68
MP 63 TO MP 64

NO. BL-AP-1064 REV. 3

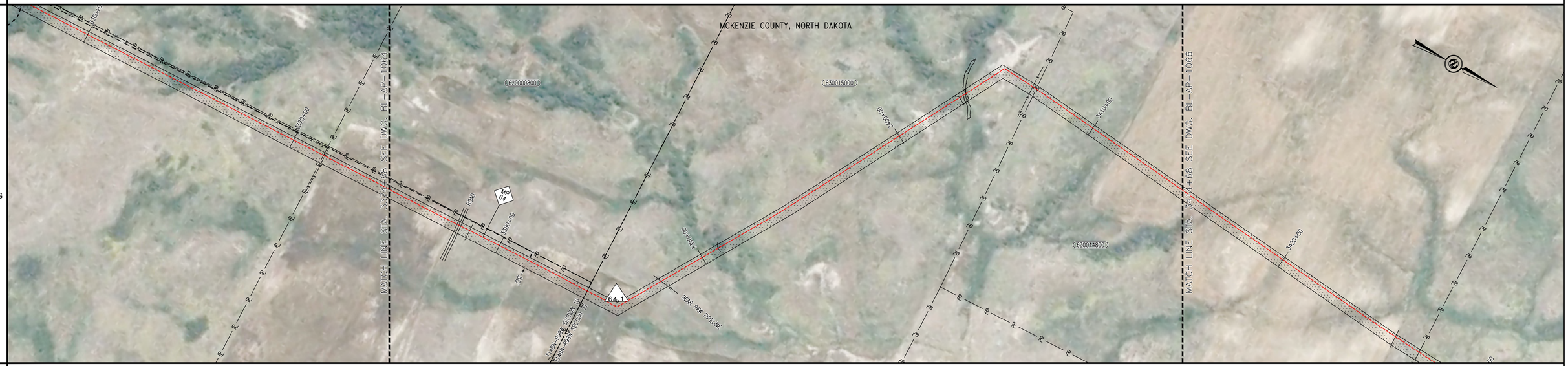
OWNERSHIP

3374+68	620000800	3384+27	630015000	3407+02	630014800	3414+68
	STENEHJEM/JUDITH H/(SLS) LTD PTR 58.11 RODS		STENEHJEM/JUDITH H/(SLS) LTD PTR 137.90 RODS		SONDROL/NORMAN E & MARLENE J 46.42 RODS	

PIPELINE STATIONING

3377+88 TOE
3377+95 EDGE OF ROAD
3378+04 CENTER OF ROAD
3378+13 EDGE OF ROAD
3378+19 TOE
3378+28 TOE
3378+56 OVERHEAD POWERLINE
3380+00
3384+27 PROPERTY LINE & T148N-R99W SECTION 0 & T148N-R98W SECTION 31
3385+73 EL < 57' LT.
3387+94 BEAR PAW PIPELINE
3390+00
3400+00
3401+39 TOE
3403+28 WATER BODY
3403+41 WATER BODY
3405+40 EL < 65' RT.
3406+85 FENCE LINE
3407+02 PROPERTY LINE
3410+00

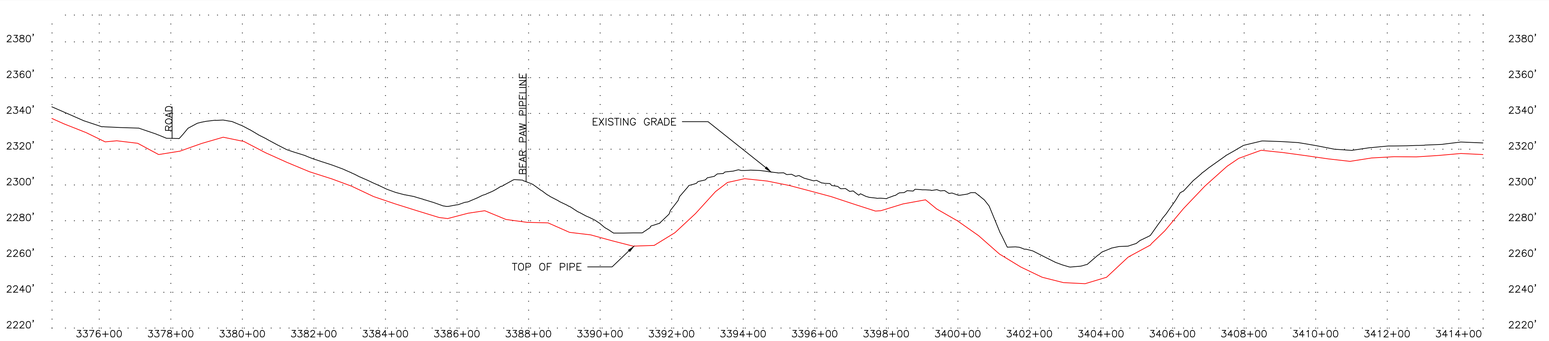
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P2	T1	P1	P6	P1	P2	P1	P2	P1	P6	P1
181'	298'		624'	3'	104'	678'	553'	566'	62'	3'	926'
3374+68	3376+49	3379+47	3379+48	3385+71	3385+74	3386+78	3393+57	3399+10	3404+77	3405+39	3405+42	3414+68
C1	C2		C1	C3	C1	C2	C1	C2	C1	C3	C1	

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	2451 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1542 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	6 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	2451 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1542 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	6 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
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3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3374+68 TO STA. 3414+68
MP 64 TO MP 65

NO. BL-AP-1065 REV. 3

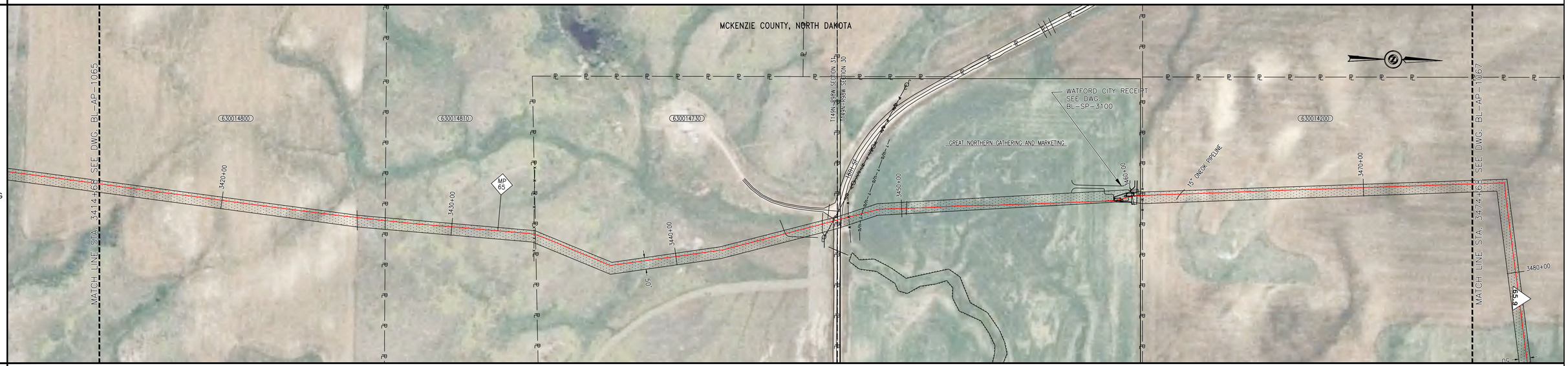
OWNERSHIP

3414+68	630014800	3427+12	630014810	3433+64	630014730	3447+16	0	3460+45	630014200	3474+68
	SONDROL/NORMAN E & MARLENE J 75.35 RODS		ZUBKE/DENTON & MARGARET/JT 39.54 RODS		ZUBKE/DENTON & MARGARET/JT 81.95 RODS		GREAT NORTHERN GATHERING AND MARKETING 80.51 RODS		SONDROL/NORMAN E & MARLENE J 86.29 RODS	

PIPELINE STATIONING

3420+00 — 3425+89 FENCE LINE — 3427+12 PROPERTY LINE — 3430+00 — 3433+57 FENCE LINE — 3433+57 P.I. < 11°00'42" RT. — 3433+64 PROPERTY LINE — 3437+13 EL. < 31° LT. — EL — 3438+75 TOE — 3440+00 — 3442+07 P.I. < 5°06'54" LT. — 3444+84 UNDERGROUND POWERLINE — 3446+49 TELEPHONE UG — 3446+78 TOE — 3446+97 OVERHEAD POWERLINE — 3446+99 EDGE OF ROAD — 3447+16 PROPERTY LINE & T149N-R98W SECTION 30 & T149N-R98W SECTION 31 — 3447+17 18TH ST — 3447+30 WATFORD CITY RECEIPT — 3447+35 EDGE OF ROAD — 3447+53 TOE — 3447+67 WATER LINE — 3448+26 TELEPHONE UG — 3449+03 P.I. < 7°54'00" RT. — 3450+00 — 3450+22 FENCE LINE — 3459+19 P.I. < 5°36'35" LT. — 3460+00 — 3460+12 P.I. < 10°25'22" RT. — 3460+35 WATFORD CITY RECEIPT — 3460+44 FENCE LINE — 3460+45 PROPERTY LINE — 3462+07 15" ONEOK PIPELINE — 3470+00

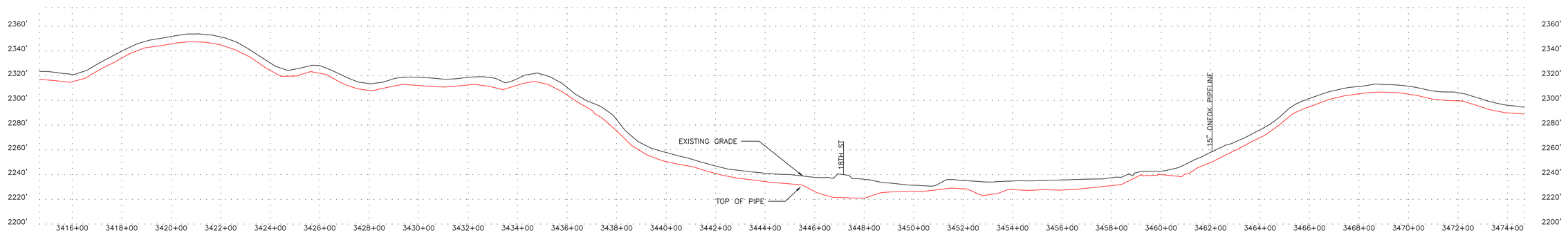
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P6	P1	T2	P2	P1	P2	P1
2245'	3'	710'		1498'	160'	63'	1321'
3414+68 — 3437+13	3437+13 — 3437+16	3437+16 — 3444+26	3444+26 — 3448+40	3448+40 — 3459+24	3459+24 — 3460+84	3460+84 — 3461+47	3461+47 — 3474+68
C1	C3	C1	C2		C1	C2	C1
2245'	3'	710'	1498'		160'	63'	1321'

PROFILE VIEW



LEGEND

C/L PIPELINE	WEEDS	MILE MARKER (CALC.)	
FOREIGN PIPELINE	WETLAND BOUNDARY — WB — WB —	AERIAL MARKER	
CL ROAD	TREES/SHRUBS	LINE MARKER/WARNING	
EDGE ROAD	PROPERTY LINE — P — P —	POWER POLE	
CL RAILROAD	SECTION LINE	HDD ENTRY/EXIT	
FENCE LINE — X — X — X —	TWP/RNG LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC — P — O/H —	COUNTY/PARISH LINE	MAINLINE VALVE	
UNDERGROUND ELECTRIC — P — U/G —	PERMANENT EASEMENT (PLAN)	TREE	
CABLE — C — C — C —		GUY WIRE	
UNDERGROUND TELEPHONE — T — U/G —		WELL	
WATERBODY			
CL DITCH			
TREELINE			

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	4436 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1561 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4436 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	1561 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T2	CP TEST STATION TYPE2	1 EA

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METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3414+68 TO STA. 3474+68
MP 65 TO MP 66

NO. BL-AP-1066 REV. 3

OWNERSHIP

3474+68	6300014200	3484+78	6300014300	3497+89	6300014375	3518+80	6300014000	3534+68
	SONDROL/NORMAN E & MARLENE J		RAUSER FAMILY FARM TRUST		RAUSER FAMILY FARM TRUST		RAUSER FAMILY FARM TRUST	
	61.20 RODS		79.46 RODS		126.75 RODS		96.23 RODS	

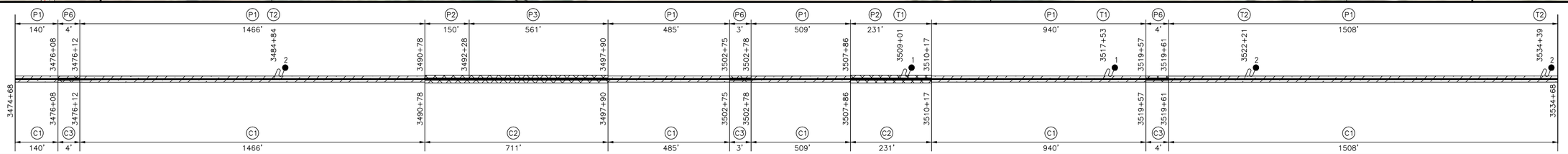
PIPELINE STATIONING

- 3476+10 EL < 88° RT.
- 3480+00
- 3484+78 PROPERTY LINE
- 3484+81 FENCE LINE
- 3488+64 8" ONEOK PIPELINE
- 3490+00
- 3490+59 ONEOK PIPELINE
- 3495+86 TOE
- 3496+17 WATER BODY
- 3496+42 WATER BODY
- 3496+49 TOE
- 3497+89 PROPERTY LINE
- 3500+00
- 3502+76 EL < 52° LT.
- 3506+76 WATER BODY
- 3506+78 TOE
- 3506+82 WATER BODY
- 3506+95 TOE
- 3508+21 OVERHEAD POWERLINE
- 3508+32 TOE
- 3508+51 EDGE OF ROAD
- 3508+79 EDGE OF ROAD
- 3508+90 TOE
- 3510+00
- 3514+04 8" OW PIPELINE
- 3514+10 8" OW PIPELINE
- 3518+80 T149N-R98W SECTION 30 & T149N-R98W SECTION 29 & PROPERTY LINE
- 3519+59 EL < 68° RT.
- 3520+00
- 3522+20 8" ONEOK PIPELINE
- 3523+42 P.I. < 14°19'30" LT.
- 3528+99 P.I. < 83°24'42" RT.
- 3530+00
- 3532+29 DRAIN / BAR DITCH
- 3534+37 16" SADDLEBUTTE PIPELINE

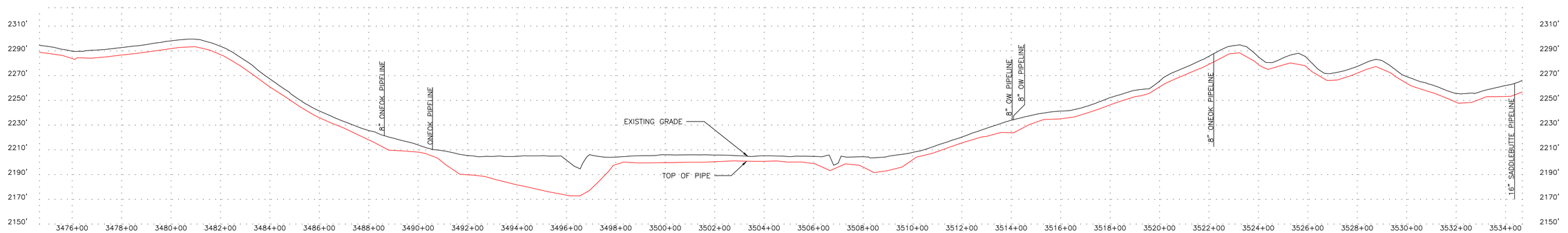
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
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- PROPERTY LINE — P — P —
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- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
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- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	5047 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	942 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	11 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5047 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	381 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	561 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	11 LF
T1	CP TEST STATION TYPE1	2 EA
T2	CP TEST STATION TYPE2	3 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
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APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3474+68 TO STA. 3534+68
MP 66 TO MP 67

NO. BL-AP-1067 REV. 3

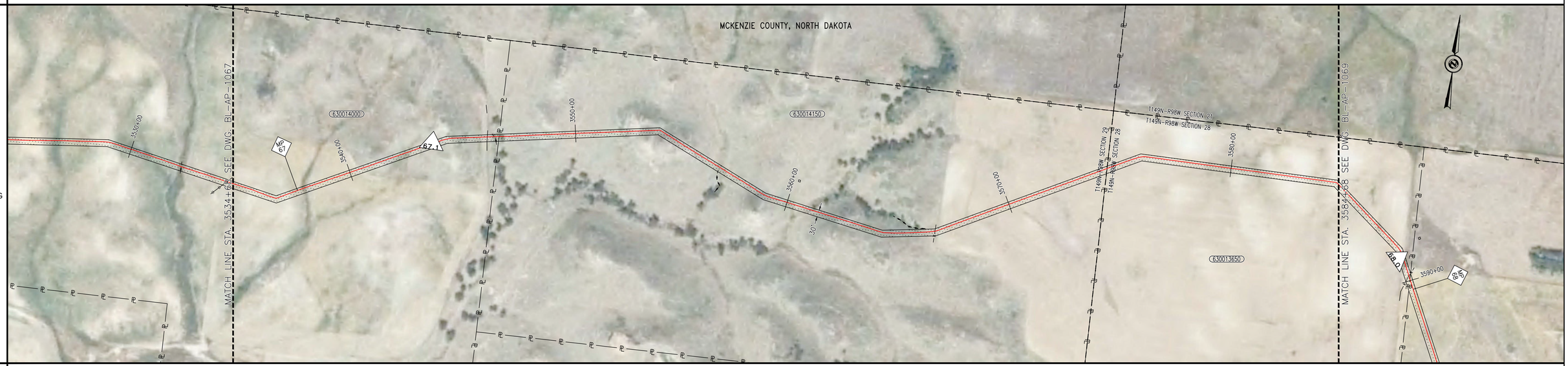
OWNERSHIP

3534+68	6300014000	3546+70	6300014150	3574+52	6300013650	3584+68
	RAUSER FAMILY FARM TRUST		RAUSER FAMILY FARM TRUST		RAUSER FAMILY FARM TRUST	
	72.80 RODS		168.61 RODS		61.62 RODS	

PIPELINE STATIONING

3536+62 EL. < 39' LT.
3540+00
3544+61 P.I. < 8°11'11" RT.
3546+18 FENCE LINE
3546+48 DRAIN / BAR DITCH
3546+70 PROPERTY LINE
3550+00
3553+66 EL. < 35' RT.
3559+15 P.I. < 9°38'02" LT.
3560+00
3560+97 TOE
3564+36 P.I. < 13°54'34" LT.
3566+60 FENCE LINE
3566+61 P.I. < 14°17'42" LT.
3570+00
3574+52 PROPERTY LINE
T149N-R98W SECTION 28
T149N-R98W SECTION 29
3575+95 P.I. < 7°50'20" RT.
3576+19 P.I. < 17°15'11" RT.
3580+00
3584+60 EL. < 37' RT.

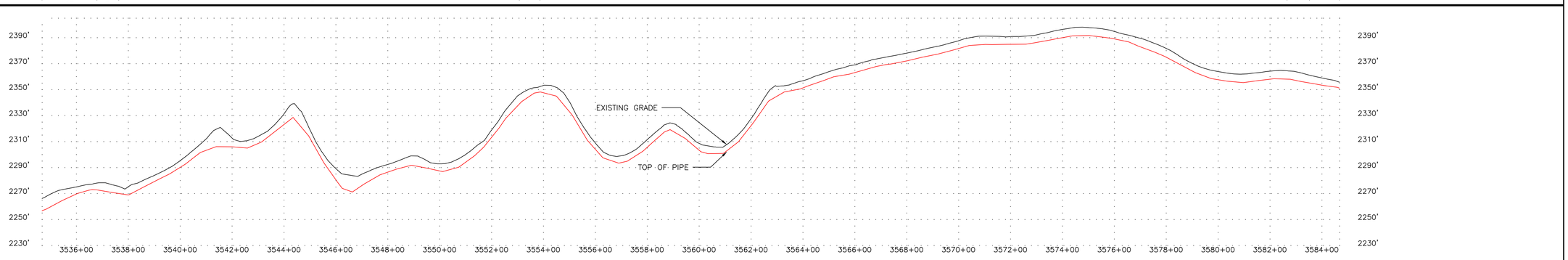
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P6	P1	P6	P1	P6	P1
192'	2'	1702'	2'	3093'	2'	7'
3534+68	3536+61	3536+63	3553+65	3553+67	3584+60	3584+62	3584+68
C1	C3	C1	C3	C1	C3	C1
192'	2'	1702'	2'	3093'	2'	7'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	4994 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	6 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4994 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	6 LF

PROJECT CONSULTING SERVICES, INC.
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(504) 833-5321 Fax (504) 833-4940
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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

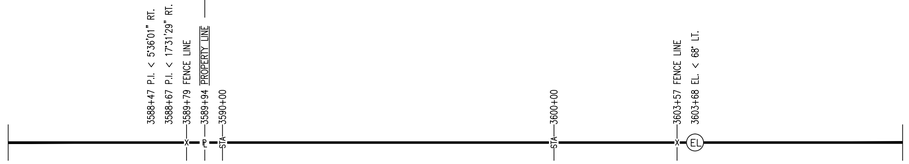
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3534+68 TO STA. 3584+68
MP 67 TO MP 68

NO. BL-AP-1068
REV. 3

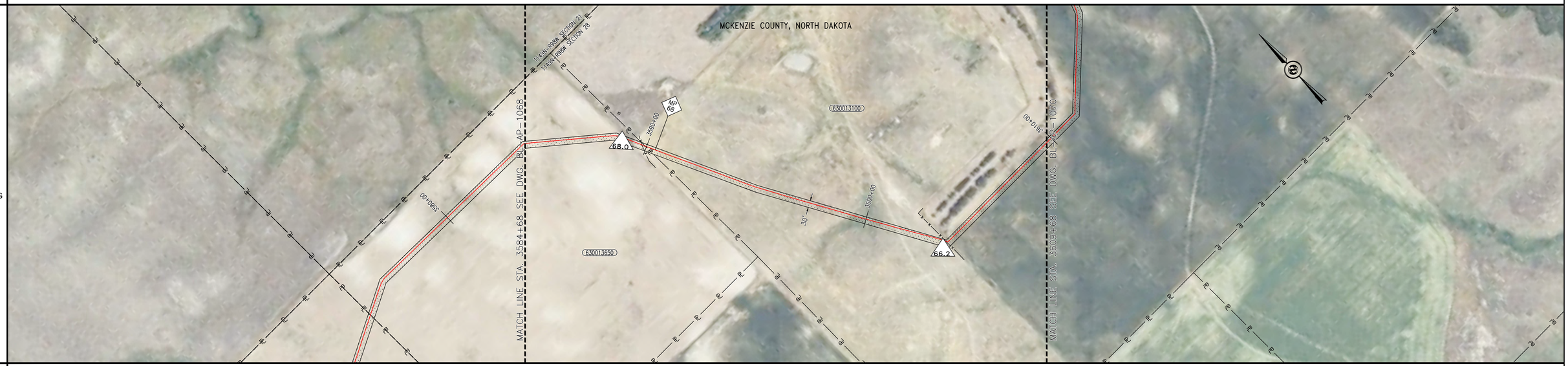
OWNERSHIP



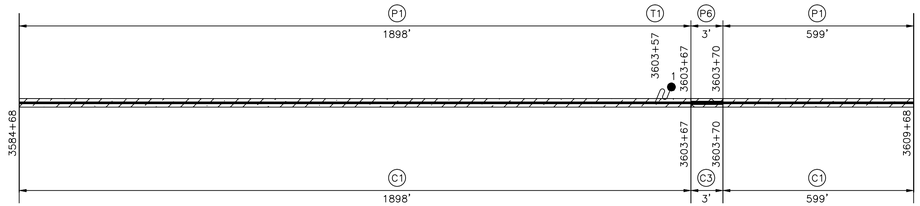
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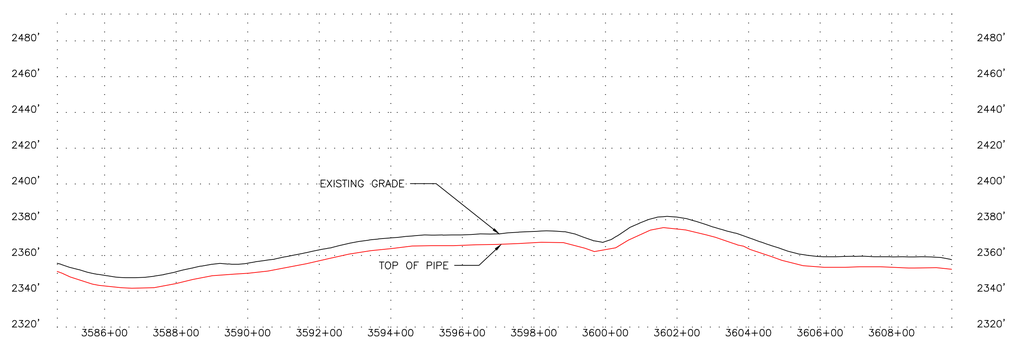
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	2497 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	2497 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

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1	12/13/13	RECORD DRAWING
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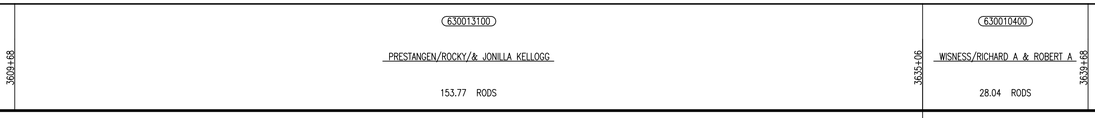
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mt_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3584+68 TO STA. 3609+68
MP 68 TO MP 68

NO. BL-AP-1069
REV. 3

OWNERSHIP



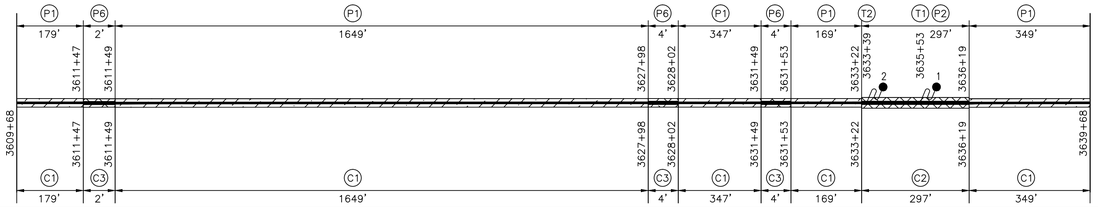
PIPELINE STATIONING



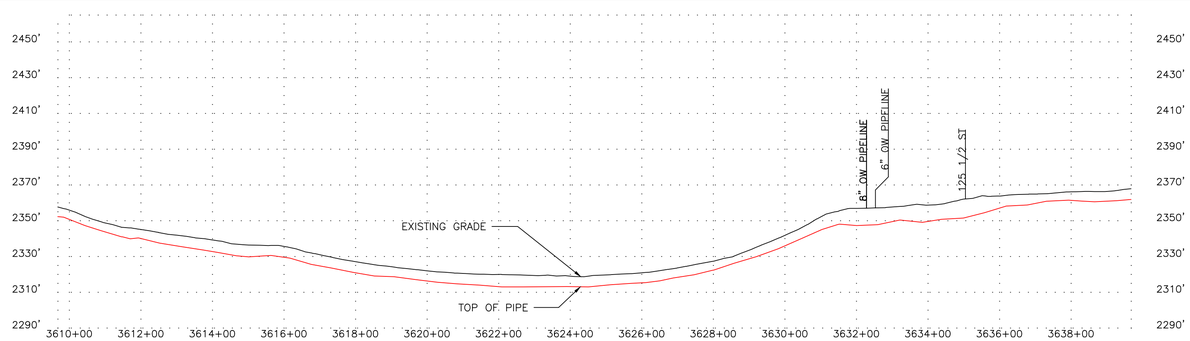
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	2693 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	297 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	10 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	2693 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	297 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	10 LF
T1	CP TEST STATION TYPE1	1 EA
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3609+68 TO STA. 3639+68
MP 68 TO MP 69

NO. BL-AP-1070 REV. 3

OWNERSHIP

3639+68 — 6300104400 — WISNESS/RICHARD A & ROBERT A — 291.35 RODS — 3682+76 — 6300007550 — STATE OF N DAK — 11.68 RODS — 3683+68

PIPELINE STATIONING

3640+00 — 3650+00 — 3660+00 — 3661+88 TOE — 3662+07 EDGE OF ROAD — 3662+23 CENTER OF ROAD — 3662+43 EDGE OF ROAD — 3662+56 TOE — 3670+00 — 3672+96 OVERHEAD POWERLINE — 3680+00 — 3687+76 PROPERTY LINE & T149N-R98W SECTION 21 & T149N-R98W SECTION 16 — 3687+90 FENCE LINE — 3688+27 TELEPHONE UG — 3688+36 TELEPHONE UG — 3689+28 EL. < 76' RT. — EL

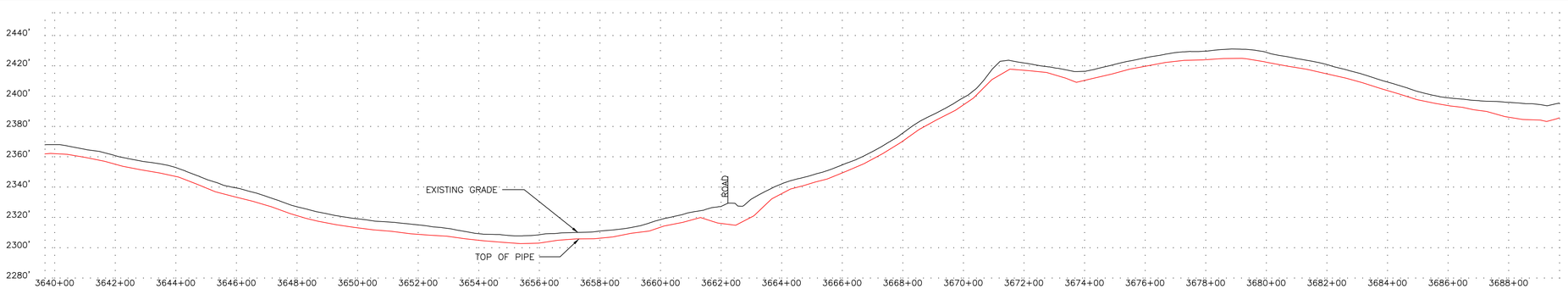
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	T3	P2	P1	P2	T2	P1	P6	P1
	2164'	26'	235'	2479'	58'	15'	20'	4'	39'
3639+68	3661+33	3663+26	3663+68	3688+47	3689+05	3689+15	3689+25	3689+29	3689+68
	C1		C2	C1	C2	C1	C3	C1	
	2164'		235'	2479'	58'	20'	4'	39'	

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	4703 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	293 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4703 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	293 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T2	CP TEST STATION TYPE2	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mil_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3639+68 TO STA. 3689+68
MP 69 TO MP 70

NO. BL-AP-1071 REV. 3

OWNERSHIP

3689+68	630007550	3703+52	630007400	3716+99	630007500	3746+68
	STATE OF N DAK		STEVENSON/RANDALL		STEVENSON/RANDALL	
	83.84 RODS		81.66 RODS		179.95 RODS	

PIPELINE STATIONING

3687+57 P.I. < 7°41'36" RT.

3703+02 P.I. < 11°14'59" LT.

3703+47 FENCE LINE

3703+52 T149N-R98W SECTION 16 & T149N-R98W SECTION 15

3706+80 P.I. < 8°22'16" RT.

3725+13 EL. < 29° LT.

3733+55 P.I. < 5°41'45" RT.

3743+47 EL. < 45° LT.

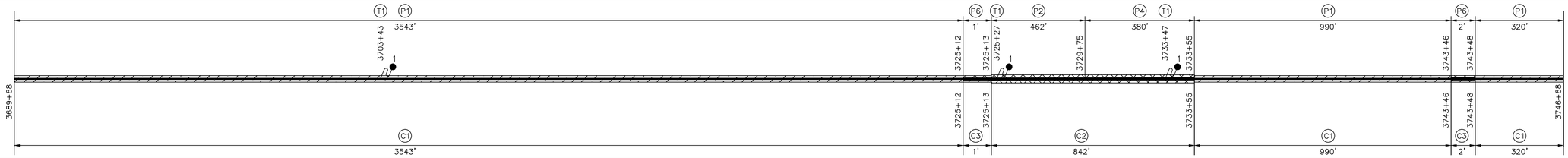
EL

EL

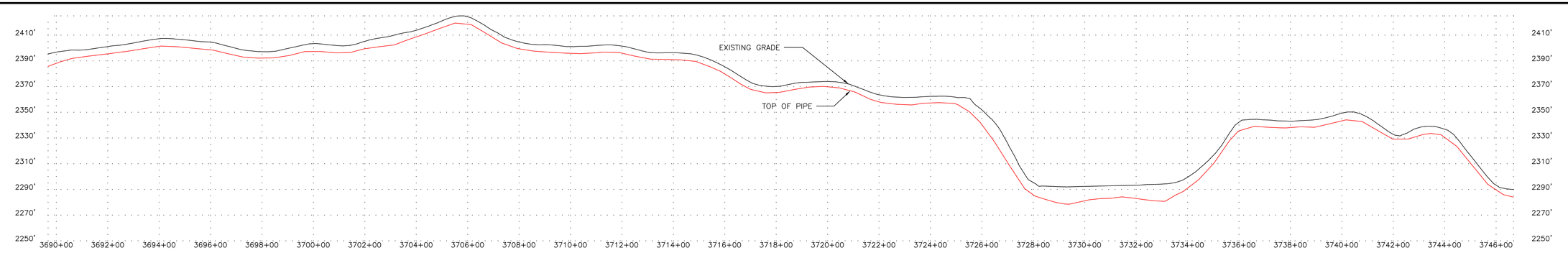
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
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- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	4854 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	842 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4854 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	462 LF
P4	12.75" OD x 0.375" WT, API 5L, PSL-2, X65M, ERW	380 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T1	CP TEST STATION TYPE1	3 EA

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REVISIONS

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3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR1 DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mt_base.dwg

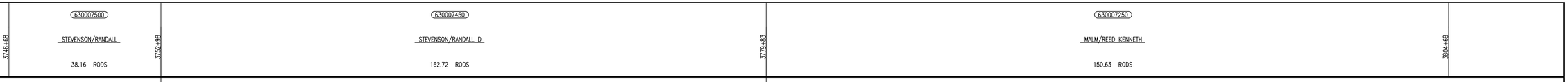
BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3689+68 TO STA. 3746+68
MP 70 TO MP 71

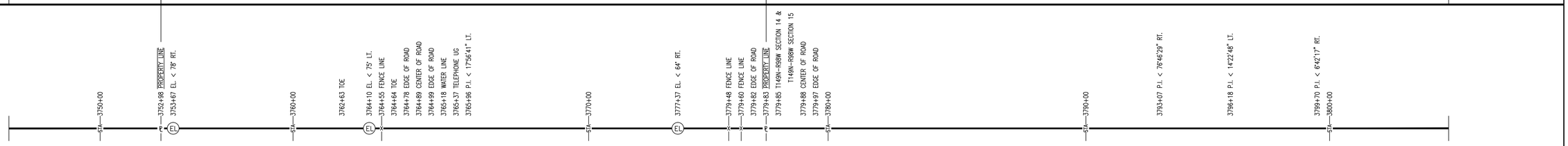
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REV. 3

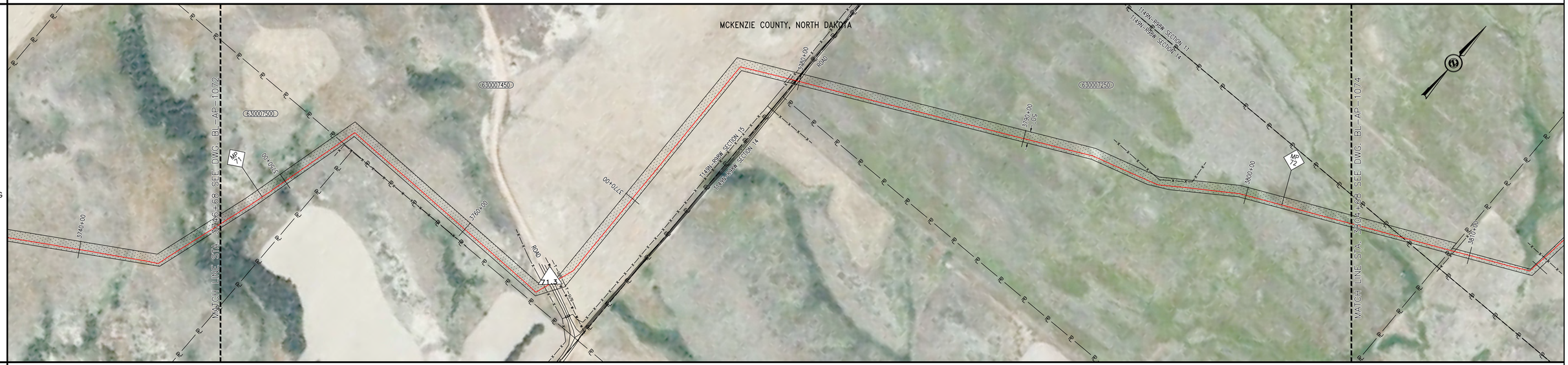
OWNERSHIP



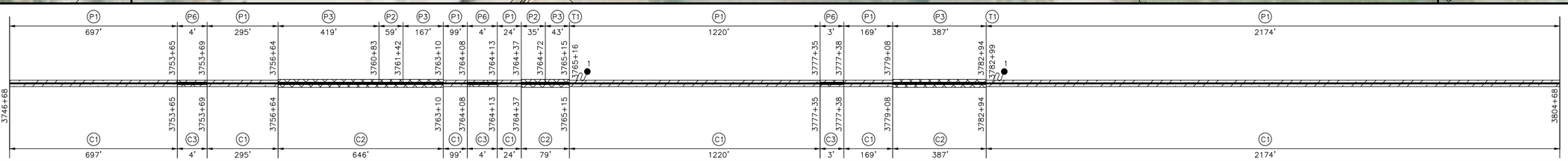
PIPELINE STATIONING



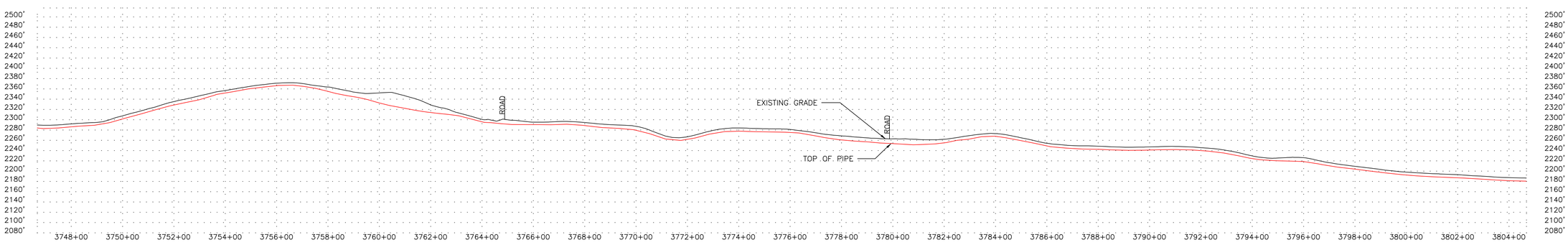
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — R — R —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	4677 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1111 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	12 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4677 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	94 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	1017 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	12 LF
T1	CP TEST STATION TYPE1	2 EA

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REVISIONS

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VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3746+68 TO STA. 3804+68
MP 71 TO MP 72

NO. BL-AP-1073
REV. 3

OWNERSHIP

6300007250	6300005400	6300005300	6300005350	6300000950
3804+68 MALM/REED KENNETH 13.99 RODS 3806+99	MALM/REED KENNETH 13.09 RODS 3809+15	HOFFMANN/DAVID L & DENAE/JT 168.38 RODS 3836+93	HOFFMANN LIVING TRUST 160.51 RODS 3863+42	HOFFMANN LIVING TRUST 7.61 RODS 3864+68

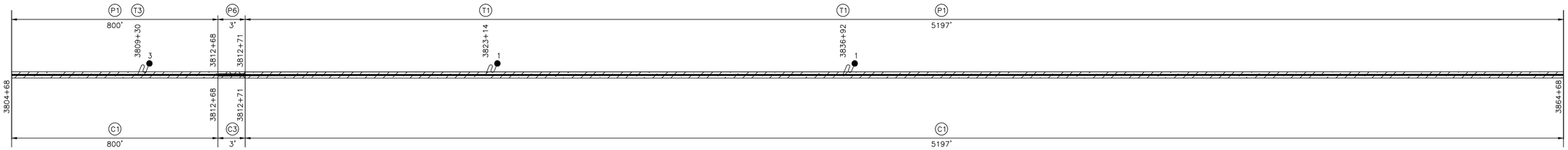
PIPELINE STATIONING

3806+99 PROPERTY LINE & T149N-R98W SECTION 11 & T149N-R98W SECTION 14
3809+15 PROPERTY LINE
3809+32 FENCE LINE
3810+00
3812+70 EL. < 57' LT.
3813+09 TELEPHONE UG
3813+55 FENCE LINE
3817+10 TOE
3817+45 DRAIN / BAR DITCH
3819+21 DRAIN / BAR DITCH
3820+00
3823+04 DRAIN / BAR DITCH
3830+00
3830+70 P.I. < 28°27'23" LT.
3830+70 P.I. < 13°44'04" RT.
3836+93 FENCE LINE & PROPERTY LINE
3840+00
3848+87 P.I. < 10°10'57" RT.
3850+00
3859+87 P.I. < 87°44'33" LT.
3859+87 P.I. < 83°52'39" RT.
3860+00
3862+74 TOE
3863+26 DRAIN / BAR DITCH
3863+42 PROPERTY LINE & T149N-R98W SECTION 2 & T149N-R98W SECTION 11
3863+43 TOE

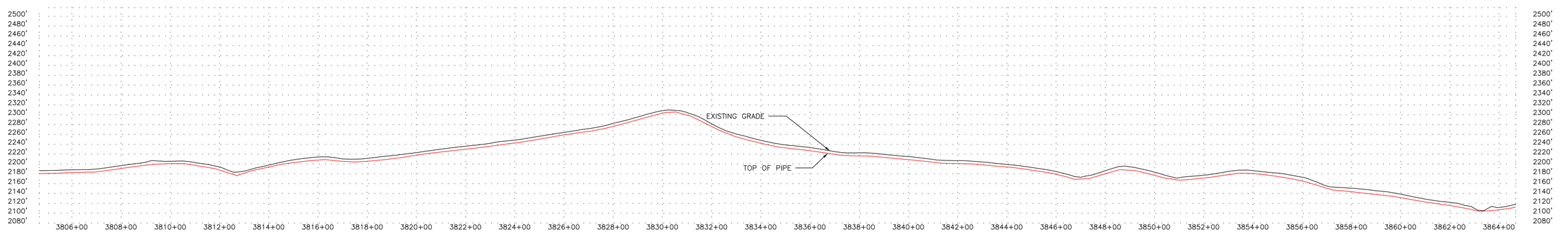
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5997 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5997 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T1	CP TEST STATION TYPE1	2 EA
T3	CP TEST STATION TYPE3	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3804+68 TO STA. 3864+68
MP 72 TO MP 73

NO. BL-AP-1074 REV. 4

OWNERSHIP

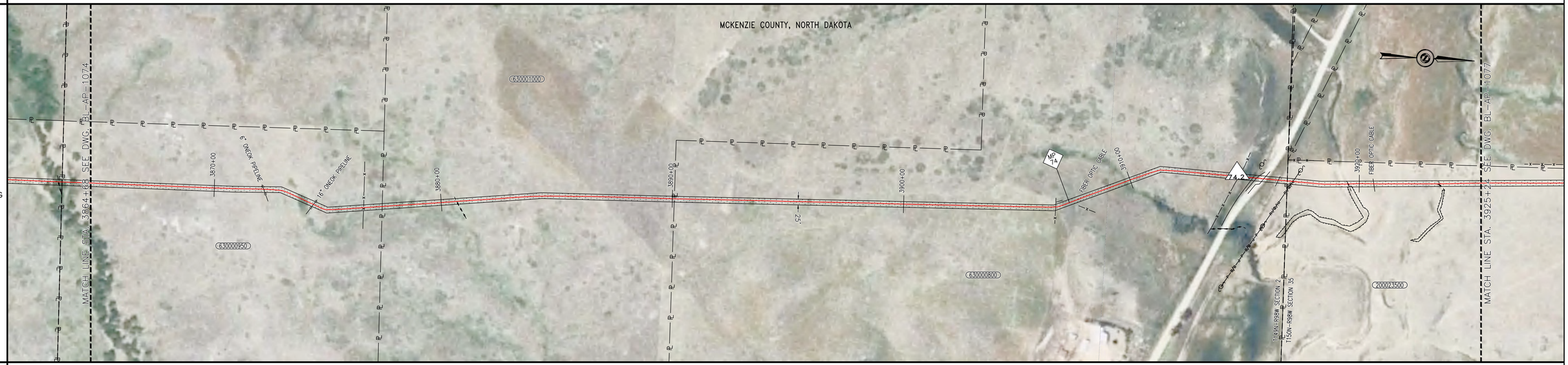
3864+68	630000950	3877+44	630001000	3890+09	630000800	3916+89	200023500	3925+24
	HOFFMANN LIVING TRUST		BRODERSON/RONALD D & KAREN M/JT		BRODERSON/RONALD D & KAREN M/JT		HOFFMANN LIVING TRUST	
	77.32 RODS		76.63 RODS		162.42 RODS		50.63 RODS	

PIPELINE STATIONING

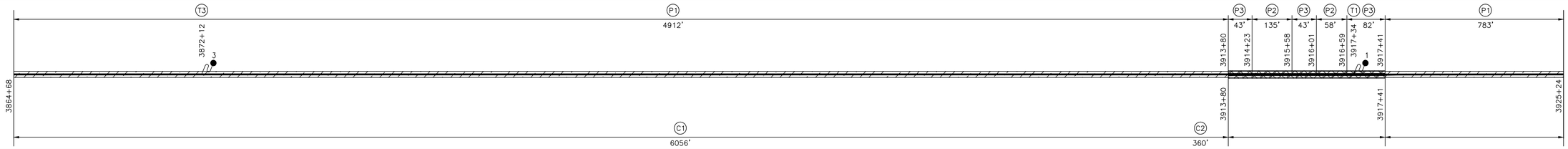
- 3870+00
- 3872+14 6" ONEOK PIPELINE 3872+94 P.I. < 14°39'01" RT.
- 3874+42 16" ONEOK PIPELINE 3874+76 P.I. < 6°12'38" LT. 3874+98 P.I. < 19°28'00" LT.
- 3876+64 FENCE LINE
- 3877+44 PROPERTY LINE
- 3880+00
- 3880+59 TOE
- 3880+67 DRAIN / BAR DITCH
- 3886+47 TOE
- 3886+56 TOE
- 3890+09 PROPERTY LINE
- 3900+00
- 3906+57 FENCE LINE
- 3906+65 P.I. < 16°01'46" LT.
- 3907+60 0
- 3910+00
- 3911+35 P.I. < 16°36'32" RT.
- 3914+79 FENCE LINE
- 3915+39 TELEPHONE OH
- 3915+55 EDGE OF ROAD
- 3915+87 EDGE OF ROAD
- 3916+50 FENCE LINE
- 3916+89 PROPERTY LINE & T150N-R98W SECTION 35 & T149N-R98W SECTION 2
- 3917+13 OVERHEAD POWERLINE
- 3919+52 DRAIN / BAR DITCH
- 3920+00
- 3923+46 DRAIN / BAR DITCH

PLAN

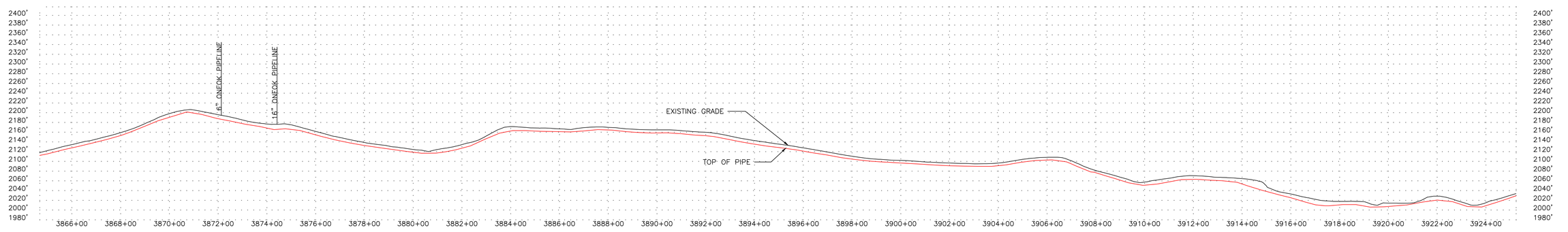
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	6056 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	360 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5695 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	193 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	167 LF
T1	CP TEST STATION TYPE1	1 EA
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 100'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

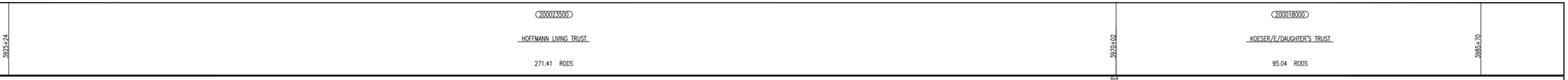
BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3864+68 TO STA. 3925+24
MP 73 TO MP 74

NO. BL-AP-1075

REV. 5

OWNERSHIP



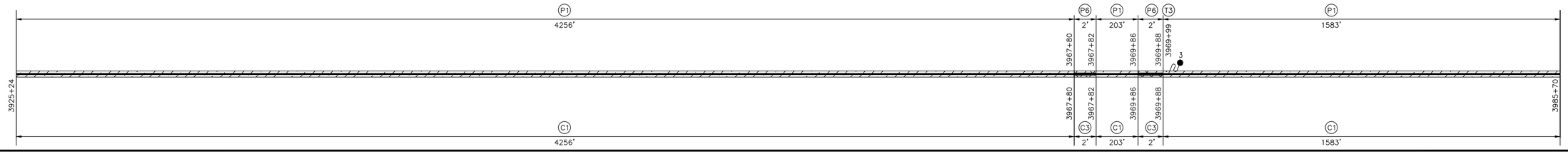
PIPELINE STATIONING



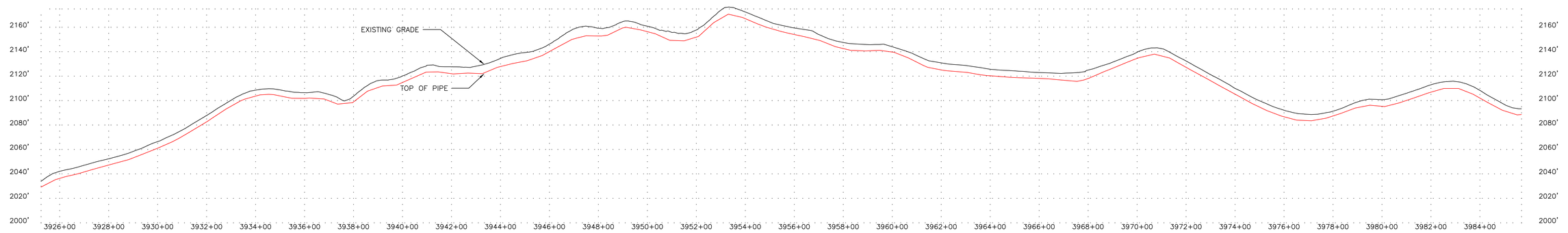
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	6042 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	4 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	6042 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	4 LF
T3	CP TEST STATION TYPE3	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mnl_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3925+24 TO STA. 3985+70
MP 74 TO MP 75

NO. BL-AP-1076
REV. 5

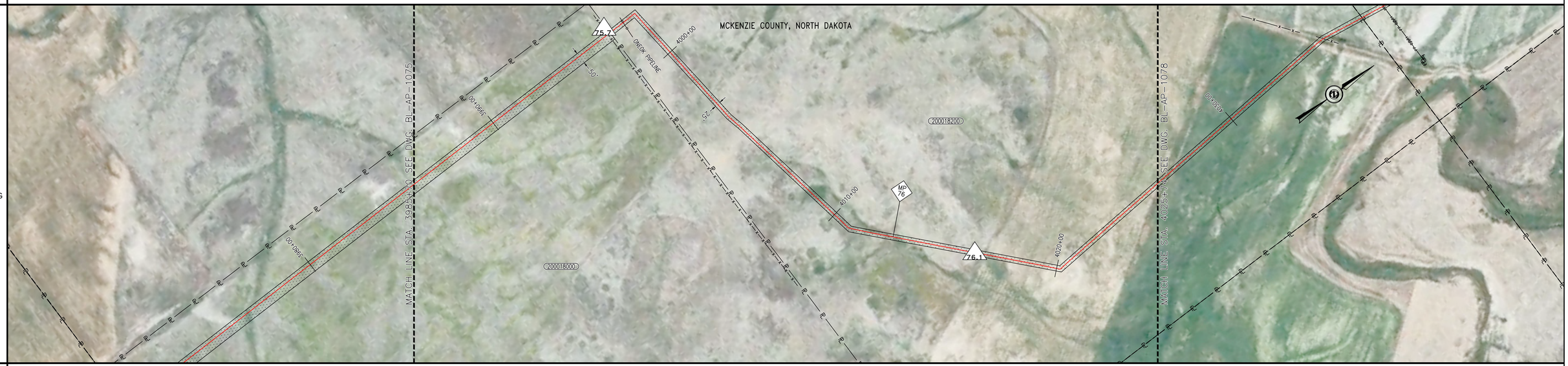
OWNERSHIP

3985+70 — 2000180000 — KOESER/E/DAUGHTER'S TRUST — 64.75 RODS — 3996+39 — 2000182000 — HARTEL/LEMOINE D & CLARICE J/JT — 177.88 RODS — 4025+74

PIPELINE STATIONING

3990+00 (STA) — 3996+27 FENCE LINE — 3996+39 PROPERTY LINE — 3997+10 ONEOK PIPELINE — 3997+74 EL. < 88° RT. (EL) — 4000+00 (STA) — 4003+79 P.I. < 5°56'15" LT. — 4010+00 (STA) — 4010+85 EL. < 31° LT. (EL) — 4020+00 (STA) — 4020+15 EL. < 54° LT. (EL)

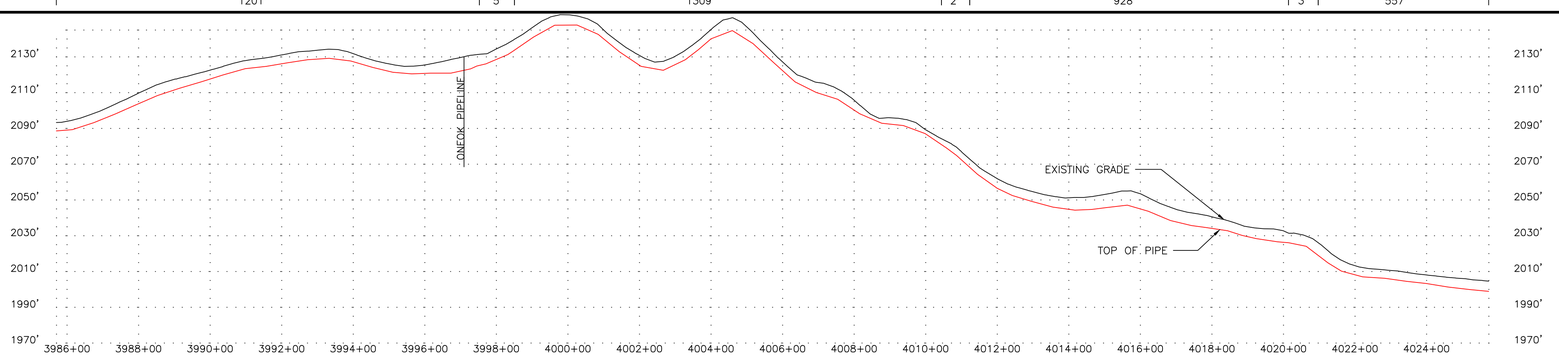
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	T2	P6	P1	P6	P1	P6	P1
	1201'		5'	1309'	2'	928'	3'	557'
3985+70	3997+10	3997+71	3997+76	4010+84	4010+86	4020+14	4020+17	4025+74
	C1		C3	C1	C3	C1	C3	C1
	1201'		5'	1309'	2'	928'	3'	557'

PROFILE VIEW



LEGEND

C/L PIPELINE
FOREIGN PIPELINE
CL ROAD
EDGE ROAD
CL RAILROAD
FENCE LINE — X — X — X —
OVERHEAD ELECTRIC — P — O/H —
UNDERGROUND ELECTRIC — P — U/G —
CABLE — C — C — C —
UNDERGROUND TELEPHONE — T — U/G —
WATERBODY
CL DITCH
TREELINE — O — O — O — O —

WEEDS
WETLAND BOUNDARY — WB — WB —
TREES/SHRUBS
PROPERTY LINE — P — P —
SECTION LINE
TWP/RNG LINE
COUNTY/PARISH LINE
PERMANENT EASEMENT (PLAN)

MILE MARKER (CALC.) MP
AERIAL MARKER AM
LINE MARKER/WARNING PW
POWER POLE
HDD ENTRY/EXIT
C.P. TEST STATION
MAINLINE VALVE
TREE
GUY WIRE
WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	3994 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	9 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3994 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	9 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 3985+70 TO STA. 4025+74
MP 75 TO MP 76

NO. BL-AP-1077 REV. 5

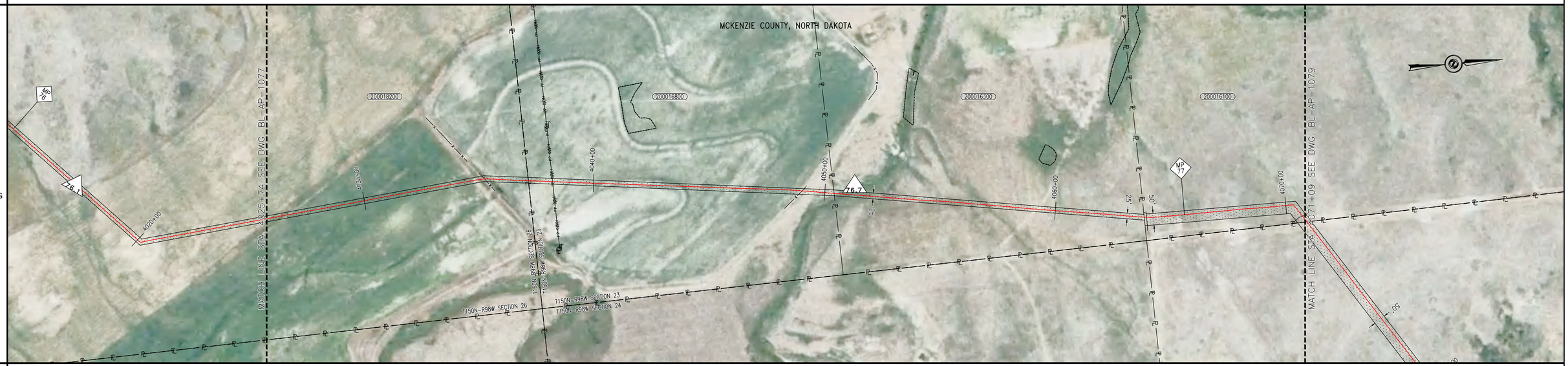
OWNERSHIP

4025+74	2000182000	4037+18	2000168000	4050+41	2000163000	4063+85	2000161000	4071+09
	HARTEL/LEMOINE D & CLARICE J/JT 69.36 RODS		HARTEL/LEMOINE D & CLARICE J/JT 80.16 RODS		HARTEL/LEMOINE D & CLARICE J/JT 81.49 RODS		KOESER/MARK E 43.87 RODS	

PIPELINE STATIONING

4030+00 5A
4035+27 P.I. < 8°57'47" RT.
4035+28 FENCE LINE
4037+18 PROPERTY LINE & T150N-R98W SECTION 26 & T150N-R98W SECTION 23
4038+23 OVERHEAD POWERLINE
4040+00 5A
4049+03 FENCE LINE
4050+00 5A
4050+41 PROPERTY LINE
4060+00 5A
4063+85 PROPERTY LINE
4063+95 FENCE LINE
4064+18 P.I. < 7°08'34" LT.
4070+00 5A
4070+33 EL < 57" RT.
4070+95 FENCE LINE

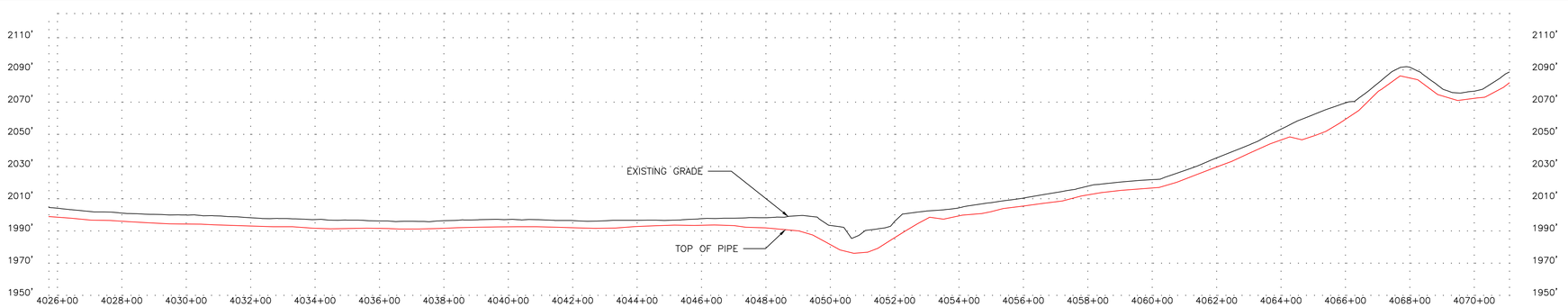
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

4025+74	P1 2287'	4048+60	P3 492'	4053+52	P1 1075'	4064+27	P3 112'	4065+39	P4 42'	4065+81	P1 451'	4070+32	P6 3'	4070+35	P1 74'	4071+09
	C1 2287'		C2 492'		C1 1075'		C2 154'				C1 451'		C3 3'		C1 74'	

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
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- POWER POLE
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- C.P. TEST STATION
- MAINLINE VALVE
- TREE
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- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	3887 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	646 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3887 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	604 LF
P4	12.75" OD x 0.375" WT, API 5L, PSL-2, X65M, ERW	42 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF

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REVISIONS

NO.	DATE	DESCRIPTION
5	12/13/13	RECORD DRAWING
6	04/14/14	BAND REALIGNMENTS
7	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
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CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4025+74 TO STA. 4071+09
MP 76 TO MP 77

NO. BL-AP-1078
REV. 7

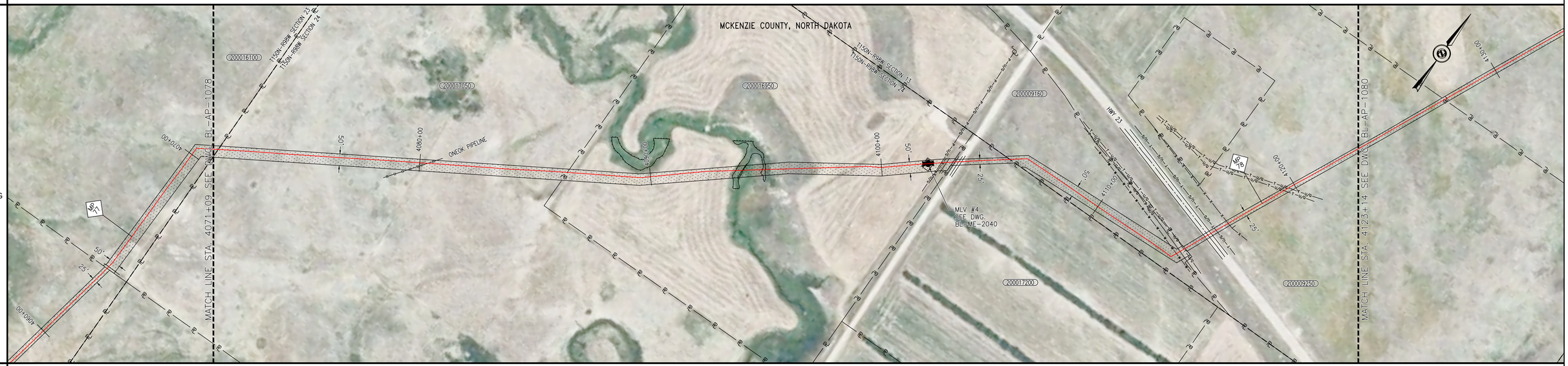
OWNERSHIP

200016100	200017050	200016950	200017200	200009160	200009250
KOESER/MARK F	KOESER/MARK & JANICE M	KOESER/MARK & JANICE/JT	HARTEL/LEMOINE D & CLARICE J/JT	KOESER/E WARD & JOETTA G	SORENSON/LARRY & CARLA/JT
1.07 RODS	91.65 RODS	101.25 RODS	14.95 RODS	54.37 RODS	52.16 RODS
4071+09 – 4071+27	4071+27 – 4086+39	4086+39 – 4102+10	4102+10 – 4105+56	4105+56 – 4114+53	4114+53 – 4123+14

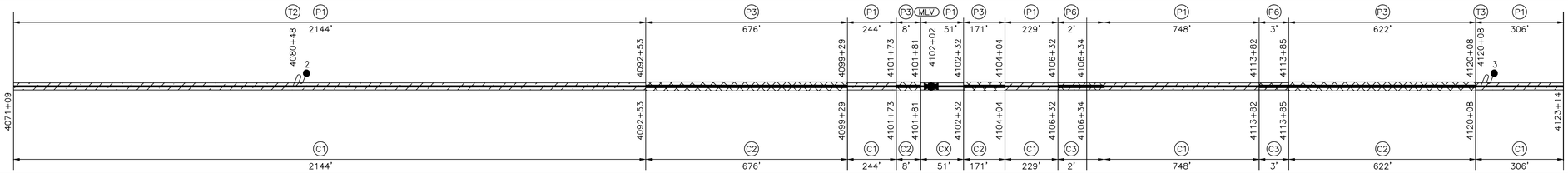
PIPELINE STATIONING

4071+09 PROPERTY LINE
4071+27 T150N-R98W SECTION 23 & T150N-R98W SECTION 24
4080+00
4080+35 ONEOK PIPELINE
4086+39 PROPERTY LINE
4089+58 P.I. < 8°32'51" LT.
4090+00
4093+70 NORTHFORK CREEK
4094+01 NORTHFORK CREEK
4094+85 NORTHFORK CREEK
4094+97 NORTHFORK CREEK
4099+39 P.I. < 9°27'44" RT.
4099+99 P.I. < 7°43'53" LT.
4100+00
4101+80 FENCE LINE
4101+81 MLV 4 SITE
4102+02 MAINLINE VALVE 4
4102+24 MLV 4 SITE
4102+27 FENCE LINE
4102+59 UNDERGROUND POWERLINE
4102+66 FENCE LINE
4102+82 TELEPHONE UG
4103+03 TOE
4103+10 PROPERTY LINE
4103+19 EDGE OF ROAD
4103+34 EDGE OF ROAD
4103+48 EDGE OF ROAD
4105+56 PROPERTY LINE & T150N-R98W SECTION 24 & T150N-R98W SECTION 13
4106+33 EL < 37' RT.
4110+00
4113+84 EL < 67' LT.
4114+10 WATER LINE
4114+28 UNDERGROUND POWERLINE
4114+47 TELEPHONE UG
4114+53 PROPERTY LINE
4115+53 EDGE OF ROAD
4115+63 EDGE OF ROAD
4115+68 HWY 23
4116+09 TELEPHONE UG
4116+69 FENCE LINE
4119+49 TELEPHONE UG
4119+71 TELEPHONE UG
4120+00

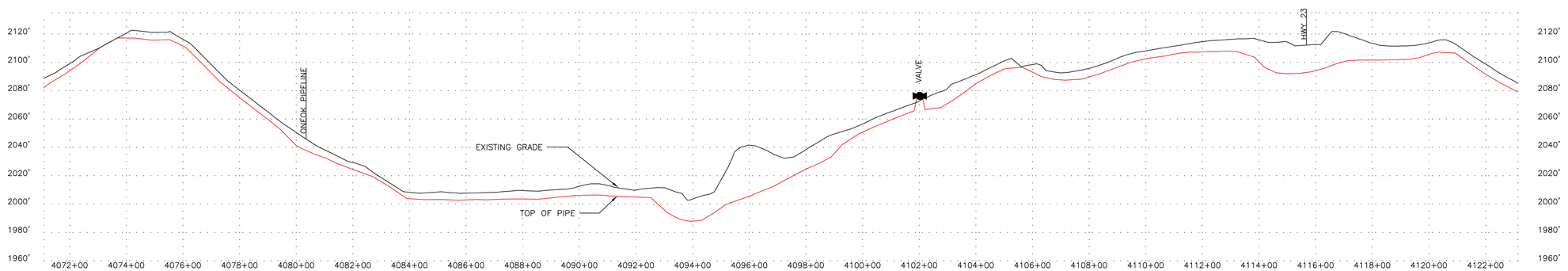
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	3671 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1478 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	5 LF
CX	TBD	51 LF
MLV	VALVE	1 EA
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3721 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	1478 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	5 LF
T2	CP TEST STATION TYPE2	1 EA
T3	CP TEST STATION TYPE3	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
5	12/13/13	RECORD DRAWING
6	04/14/14	BAND REALIGNMENTS
7	07/02/15	CORRECTED WT TYPO

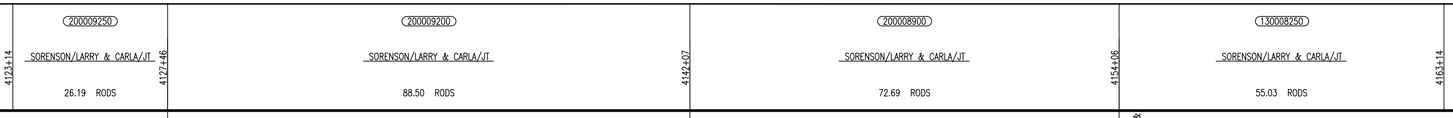
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

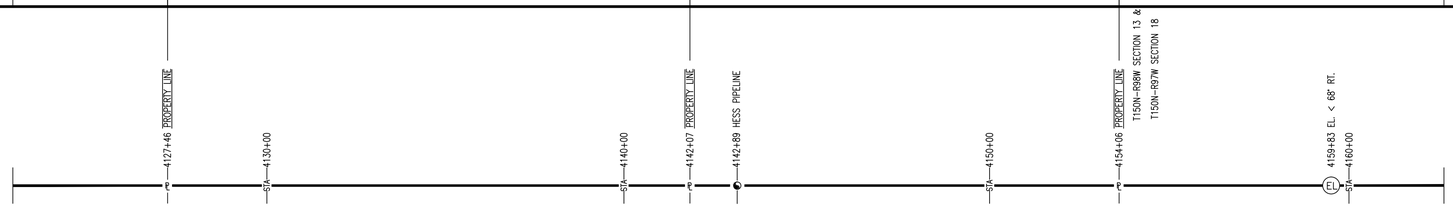
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4071+09 TO STA. 4123+14
MP 77 TO MP 78

NO. BL-AP-1079 REV. 7

OWNERSHIP



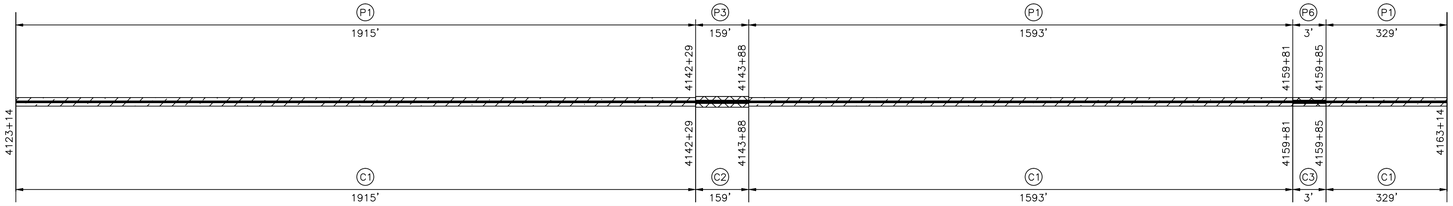
PIPELINE STATIONING



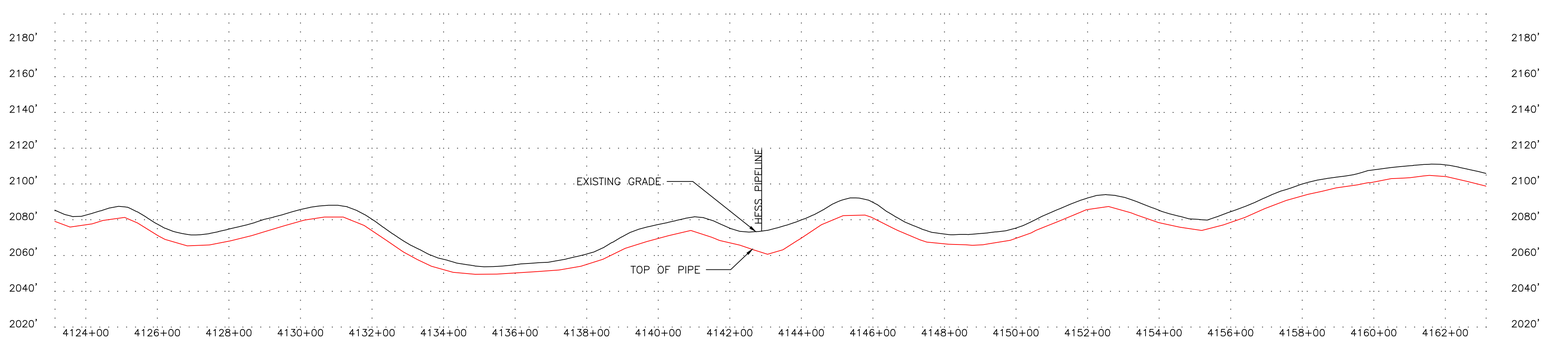
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

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MATERIAL SUMMARY

EL	NO.	DESCRIPTION	QTY
		ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1		16 MILS FUSION BONDED EPOXY	3837 LF
C2		15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	159 LF
C3		FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1		12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3837 LF
P3		12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	159 LF
P6		12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF

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METAIRIE, LA 70002-7406
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www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4123+14 TO STA. 4163+14
MP 78 TO MP 79

NO. BL-AP-1080
REV. 3

OWNERSHIP

4163+14 — 1300008250 — SORENSON/LARRY & CARLA/JT — 42.43 RODS — 4170+14

4170+14 — 1300008450 — LUND/JAYSON & AMY/JT — 240.77 RODS — 4209+87

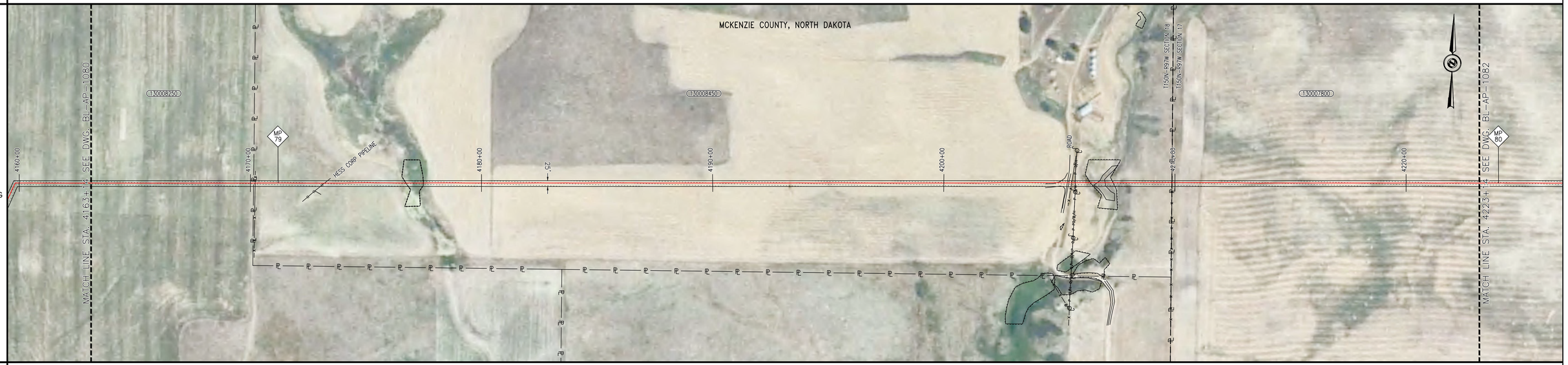
4209+87 — 1300007800 — LUND/JAYSON & AMY/JT — 80.43 RODS — 4223+14

PIPELINE STATIONING

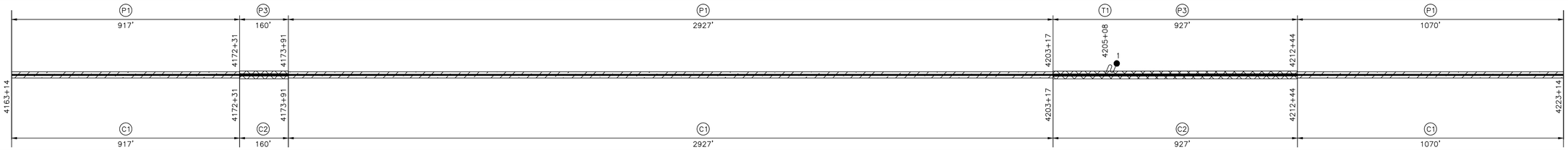
- 4170+00 STA
- 4170+14 PROPERTY LINE
- 4170+21 FENCE LINE
- 4173+20 HESS CORP PIPELINE
- 4176+73 WETLAND
- 4177+49 WETLAND
- 4180+00 STA
- 4190+00 STA
- 4200+00 STA
- 4204+89 EDGE OF ROAD
- 4205+35 CENTER OF ROAD
- 4205+41 EDGE OF ROAD
- 4205+53 FENCE LINE
- 4205+69 OVERHEAD POWERLINE
- 4206+34 WATER BODY
- 4206+35 TOE
- 4207+32 WATER BODY
- 4207+50 TOE
- 4209+87 PROPERTY LINE T150N-R97W SECTION 17 & T150N-R97W SECTION 18
- 4209+88 FENCE LINE
- 4210+00 STA
- 4220+00 STA

PLAN

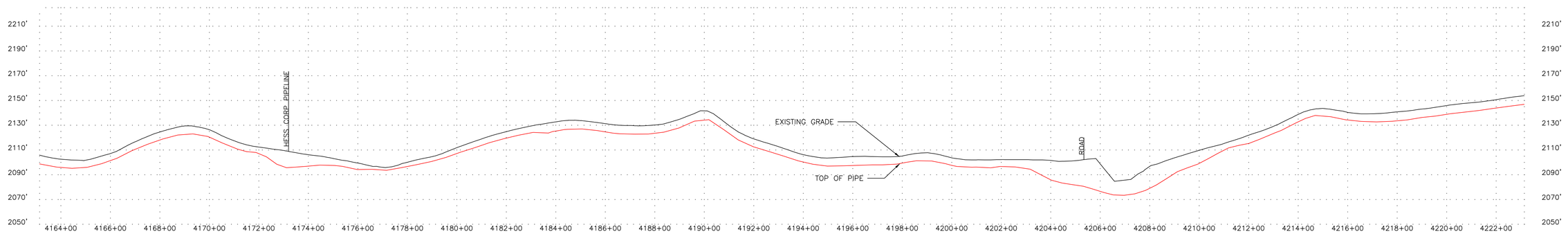
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4914 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	1086 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4914 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	1086 LF
T1	CP TEST STATION TYPE1	1 EA

PROJECT CONSULTING SERVICES, INC.
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METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4163+14 TO STA. 4223+14
MP 79 TO MP 80

NO. BL-AP-1081

REV. 4

OWNERSHIP

4223+14 — 1300078OO — LUND/JAYSON & AMY/JT — 78.69 RODS — 4236+12

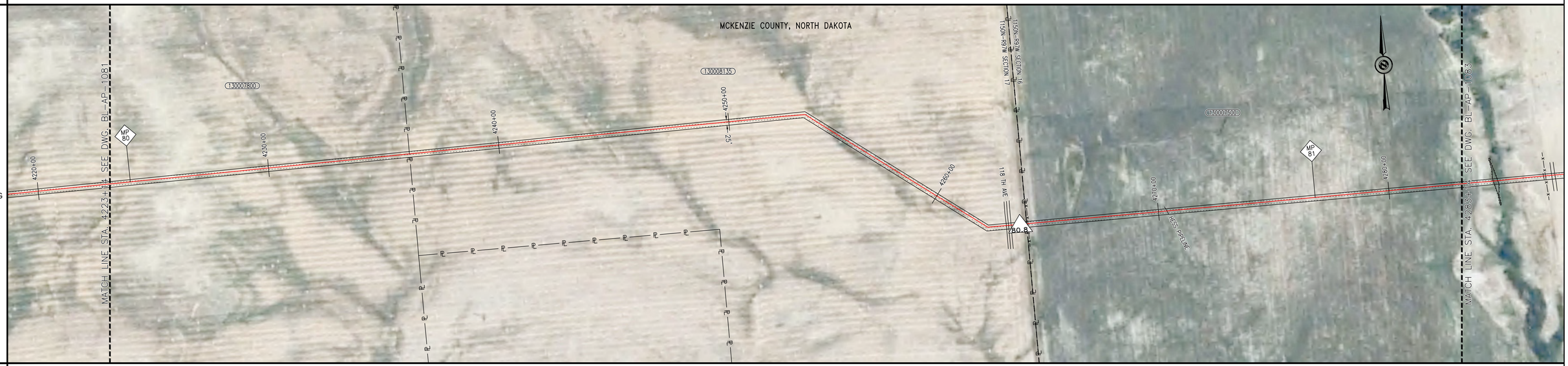
4236+12 — 1300081.35 — LUND/JAYSON & AMY/JT — 170.61 RODS — 4264+27

4264+27 — 1300075OO — KLAMM/TRAVIS & DANIELLE/JT — 114.33 RODS — 4283+14

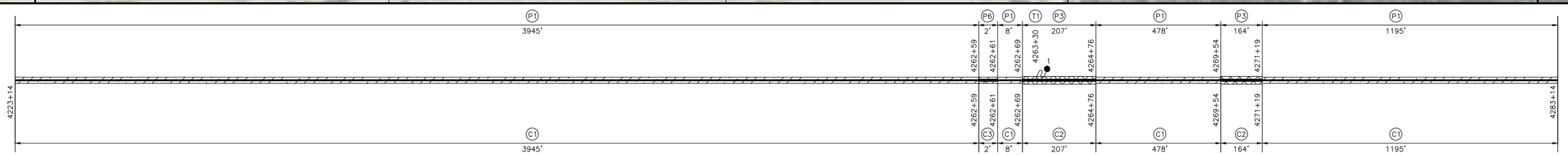
PIPELINE STATIONING

4223+14 STA 4230+00 STA 4236+12 PROPERTY LINE 4240+00 STA 4250+00 STA 4253+32 P.I. < 19°09'12" RT. 4260+00 STA 4262+60 EL. < 40' LT. 4263+31 TOE 4263+40 EDGE OF ROAD 4263+49 118 TH AVE 4263+60 EDGE OF ROAD 4263+68 TOE 4264+27 PROPERTY LINE T150N-R97W SECTION 17 & T150N-R97W SECTION 16 4264+34 FENCE LINE 4270+00 STA 4270+37 HESS PIPELINE 4280+00 STA 4283+14

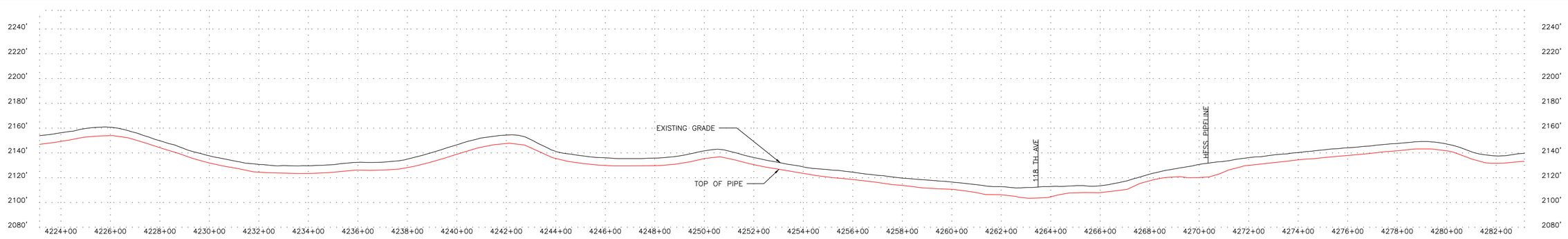
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5627 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	371 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5627 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	371 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA

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METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mli_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4223+14 TO STA. 4283+14
MP 80 TO MP 81

NO. BL-AP-1082 REV. 3

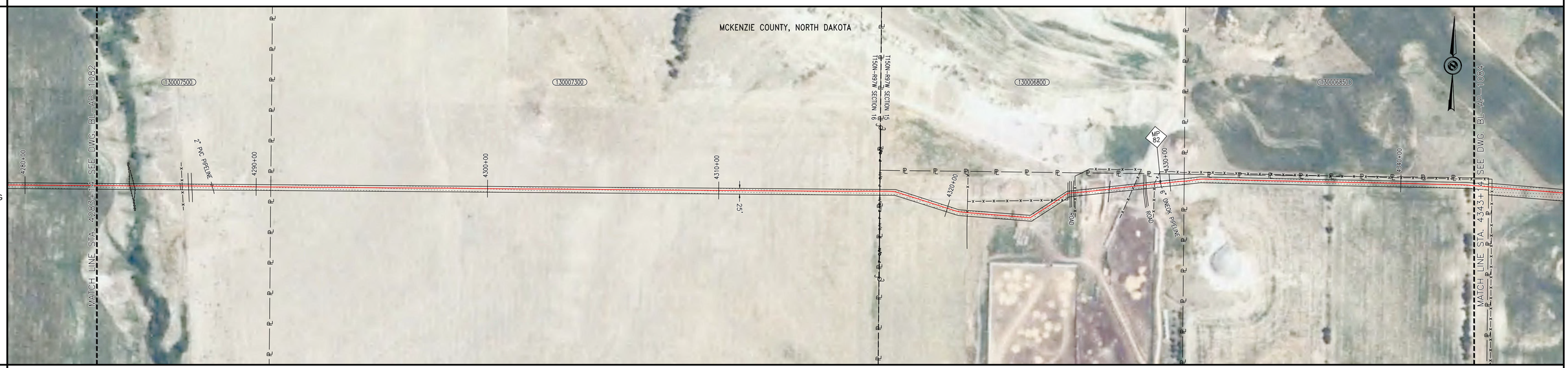
OWNERSHIP

PIPELINE STATIONING

PLAN
MOP = 1480 PSIG

MATERIAL AND COATING

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
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- PERMANENT EASEMENT (PLAN)
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	2 EA
C1	16 MILS FUSION BONDED EPOXY	5910 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	87 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5910 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	87 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	3 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'

		DATE
DRAWN	WGA	12/13/13
CHK'D	EDG	04/14/14
APPROVED	MRI	04/14/14

PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4283+14 TO STA. 4343+14
MP 81 TO MP 82

NO. BL-AP-1083 REV. 3

OWNERSHIP

1300006850	1300007150	1300007050	1300006600	1300006700
4343+14	4343+80	4357+03	4370+23	4399+15	4404+52
VEEDER/LINNEA J & DAVID A	RAVIN/MAALFRID KRINGLAAK/ET	KLAMM/JOHN PAUL	RAVIN/MAALFRID KRINGLAAK/ET	RAVIN/MAALFRID KRINGLAAK/ET
3.99 RODS	80.22 RODS	79.95 RODS	175.28 RODS	32.54 RODS

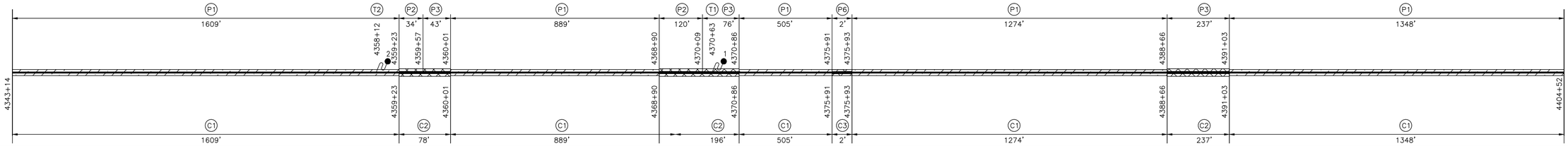
PIPELINE STATIONING

4343+80 PROPERTY LINE
4343+95 FENCE LINE
4350+00
4356+90 FENCE LINE
4357+03 PROPERTY LINE
4358+11 4" HIGHLAND PIPELINE
4359+37 TOE
4359+58 EDGE OF ROAD
4359+66 CENTER OF ROAD
4359+73 EDGE OF ROAD
4359+79 TOE
4360+00
4369+42 WATER LINE & WATER LINE
4369+54 TELEPHONE UG
4369+70 FENCE LINE
4369+91 TOE
4370+00
4370+02 EDGE OF ROAD
4370+15 116TH AVE NW
4370+23 PROPERTY LINE &
T150N-R97W SECTION 14 &
T150N-R97W SECTION 15
4370+28 EDGE OF ROAD
4370+44 TOE
4370+58 FENCE LINE
4371+06 OVERHEAD POWERLINE
4375+92 EL. < 34° RT.
EL
4380+00
4388+03 P.I. < 14°51'17" LT.
4390+00
4394+51 P.I. < 14°08'11" LT.
4399+15 PROPERTY LINE
4400+00

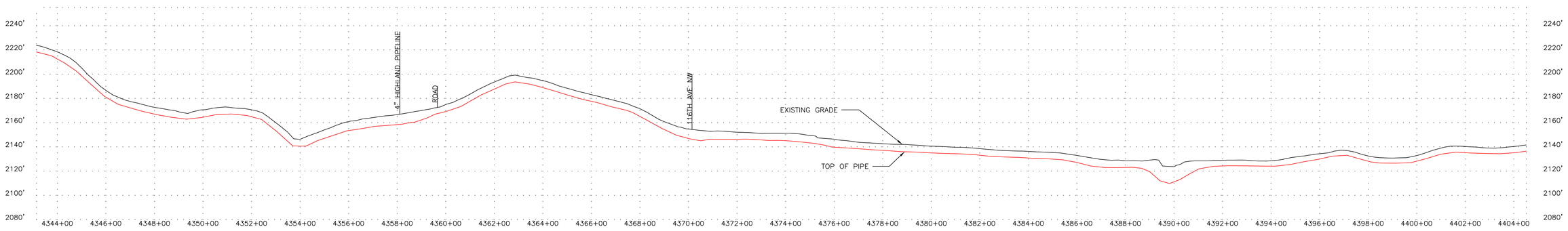
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

RECORD DRAWINGS HAVE BEEN UPDATED BASED ON SURVEY DATA BY BARTLETT & WEST AND FIELD NOTES/OBSERVATIONS PROVIDED BY OTHERS. SOME ITEMS MAY BE SHOWN AS DESIGNED IF INFORMATION WAS NOT PROVIDED. PCS MAKES NO WARRANTY OR GUARANTEE OF ACCURACY OR COMPLETENESS OF THE INFORMATION DEPICTED AND PROVIDED BY OTHERS.

MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	5626 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	510 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	2 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5626 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	154 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	356 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T1	CP TEST STATION TYPE1	1 EA
T2	CP TEST STATION TYPE2	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4343+14 TO STA. 4404+52
MP 82 TO MP 83

NO. BL-AP-1084
REV. 4

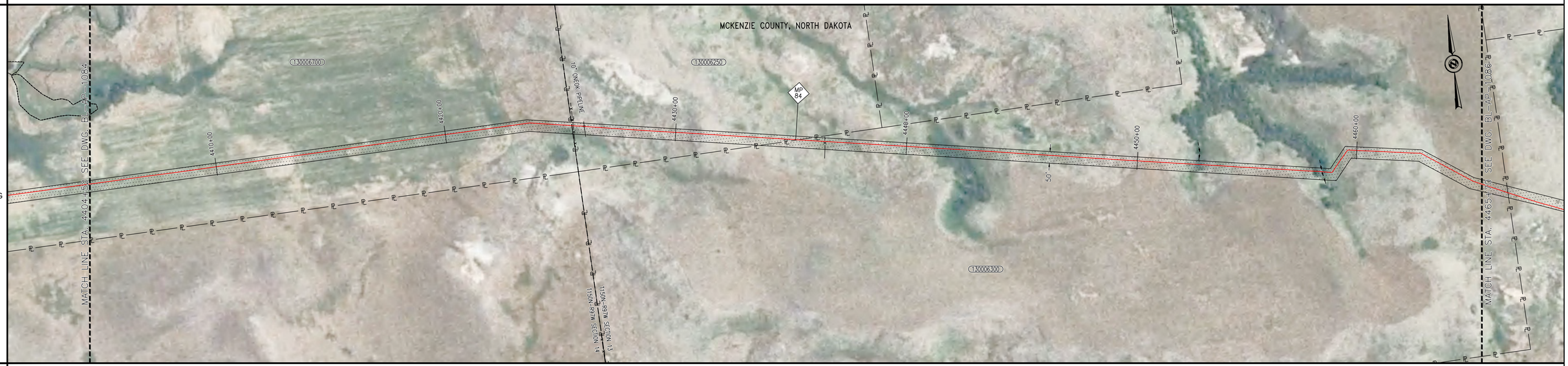
OWNERSHIP

4404+52 — 1.30006700 — RAVIN/MAALFRID KRINGLAAK/ET — 127.21 RODS — 4425+50 — 1.30006250 — RAVIN/MAALFRID KRINGLAAK/ET — 59.35 RODS — 4435+30 — 1.30006300 — RINK/DELMER L & MARCELLINE — 184.27 RODS — 4465+70

PIPELINE STATIONING

4410+00 STA — 4420+00 STA — 4423+68 P.I. < 11°30'09" RT. — 4425+50 PROPERTY LINE — T150N-R97W SECTION 14 & T150N-R97W SECTION 13 — 4425+56 FENCE LINE — 4426+04 10" ONEOK PIPELINE — 4430+00 STA — 4435+30 PROPERTY LINE — 4436+46 FENCE LINE — 4440+00 STA — 4450+00 STA — 4457+99 DRAIN / BAR DITCH — 4458+43 EL. < 61° LT. — 4459+61 EL. < 57° RT. — 4460+00 STA — 4462+78 EL. < 27° RT. — 4465+36 P.I. < 7°47'47" LT.

PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

| | | |

OWNERSHIP

T300006300	T300005900	6900008600	6900009100	6900009350
4465+70	4468+92	4486+57	4495+00	4512+85	4524+04
RINK/DELMER L & MARCELLINE	RINK/DELMER L & MARCELLINE	RINK/DELMER L & MARCELLINE	PARRISH/CALVIN & JANETTE/&	PARRISH/CALVIN & JANETTE/&
7.38 RODS	119.11 RODS	51.09 RODS	108.14 RODS	67.83 RODS

PIPELINE STATIONING

4466+92 PROPERTY LINE
4470+00
4478+27 EL. < 59' RT.
4479+61 EL. < 30' LT.
4480+00
4482+94 EL. < 39' RT.
4485+09 P.I. < 110°07'37" LT.
4486+57 PROPERTY LINE T15SN-R96W SECTION 18 & T15SN-R97W SECTION 13
4486+76 WATER PIPELINE
4489+60 FENCE LINE
4490+00
4490+56 TOE
4490+95 EDGE OF ROAD
4491+08 HWY 23
4491+25 EDGE OF ROAD
4491+53 TOE
4492+08 EL. < 42' RT.
4494+11 EL. < 53' LT.
4495+00 PROPERTY LINE T15SN-R96W SECTION 19 & T15SN-R96W SECTION 18
4495+01 FENCE LINE
4498+01 P.I. < 14°50'45" LT.
4500+00
4508+66 P.I. < 10°33'08" LT.
4510+00
4512+17 EL. < 32' RT.
4512+85 PROPERTY LINE
4520+00
4521+96 EL. < 36' LT.

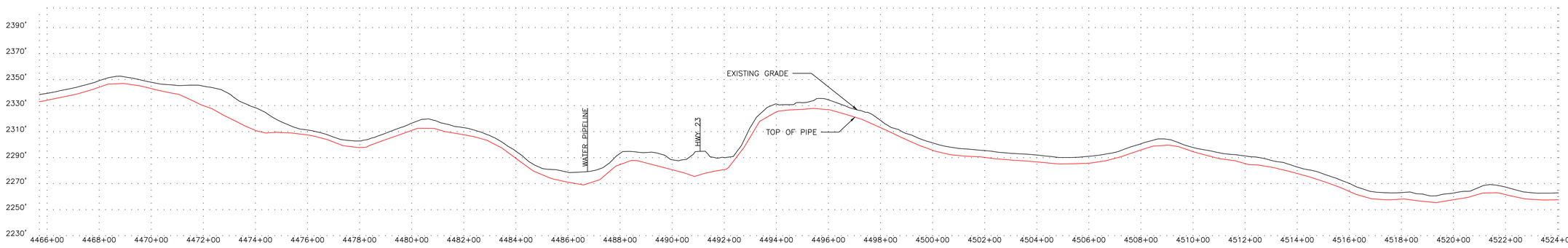
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P3	P1	P6	P1	P6	P1	P6	P1	T1	P3	P2	T3	P3	P6	P1	P6	P1	P6	P1	P6	P1
503'	407'	346'	3'	132'	1'	329'	9'	568'	79'	61'	199'	2'	200'	3'	1804'	2'	978'	2'	207'
4465+70	4470+73	4474+80	4478+25	4478+28	4479+60	4479+61	4482+91	4483+00	4486+68	4488+81	4489+46	4490+08	4492+03	4492+07	4492+09	4494+09	4494+12	4512+16	4512+17	4521+95	4521+97	4524+04
C1	C2	C1	C3	C1	C3	C1	C3	C1	C2	C3	C1	C3	C1	C3	C1	C3	C1	C3	C1	C3	C1
503'	407'	346'	3'	132'	1'	329'	9'	568'	339'	2'	200'	3'	1804'	2'	978'	2'	207'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE -O—O—O—O—
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	7 EA
C1	16 MILS FUSION BONDED EPOXY	5065 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	746 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	22 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5065 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	61 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	685 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	22 LF
T1	CP TEST STATION TYPE1	1 EA
T3	CP TEST STATION TYPE3	1 EA

PROJECT CONSULTING SERVICES, INC.
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METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4465+70 TO STA. 4524+04
MP 85 TO MP 86

NO. BL-AP-1086
REV. 5

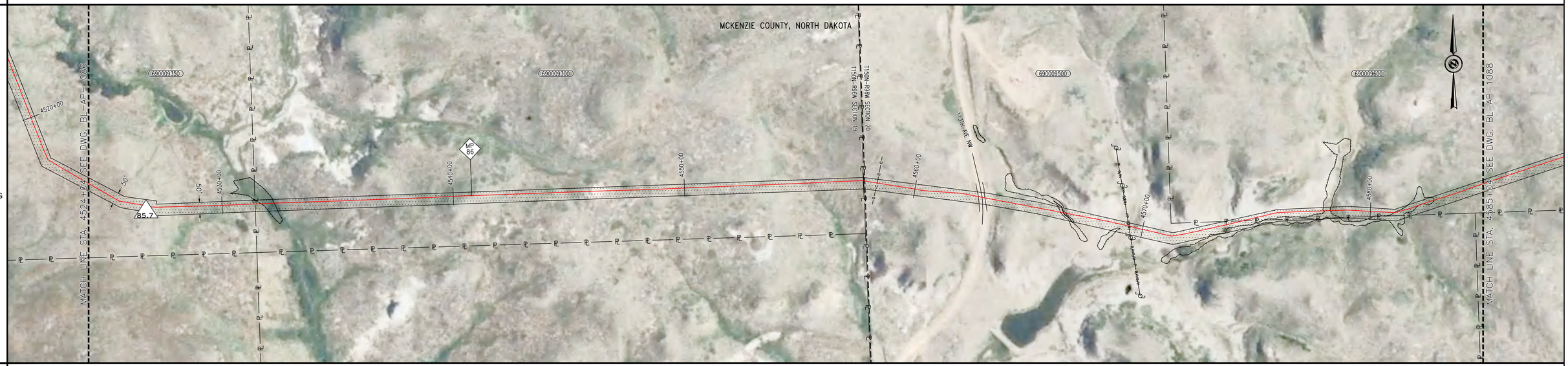
OWNERSHIP

6900093500	6900093000	6900095000	6900096000
4524+04	4531+43	4557+76	4574+42	4585+04
PARRISH/CALVIN & JANETTE/&	PARRISH/CALVIN & JANETTE/&	LILLIBRIDGE/WILLIAM/& JEAN FRASE &	LILLIBRIDGE/WILLIAM/& JEAN FRASE &
44.80 RODS	159.56 RODS	100.96 RODS	64.42 RODS

PIPELINE STATIONING

4525+54 P.I. < 17°14'32" LT.
4527+02 P.I. < 8°47'06" LT.
4530+00 STA
4531+43 PROPERTY LINE
4531+69 WATER BODY
4532+26 WATER BODY
4540+00 STA
4550+00 STA
4557+73 FENCE LINE
4557+75 P.I. < 10°38'29" RT.
4557+76 PROPERTY LINE
4557+80 T150N-R96W SECTION 19 & T150N-R96W SECTION 20
4558+34 UTILITY_UNKNOWN
4560+00 STA
4562+01 P.I. < 5°35'41" RT.
4562+53 TOE
4562+69 TOE
4562+76 EDGE OF ROAD
4562+92 113TH AVE NW
4563+05 EDGE OF ROAD
4566+39 WATER BODY
4566+60 WATER BODY
4566+66 TOE
4569+39 OVERHEAD POWERLINE
4570+00 STA
4571+29 P.I. < 17°22'41" LT.
4574+42 PROPERTY LINE
4575+96 P.I. < 8°41'10" RT.
4577+98 WATER BODY
4578+26 WATER BODY
4579+01 P.I. < 7°00'25" RT.
4580+00 STA
4580+92 TOE
4581+04 WATER BODY
4581+08 P.I. < 10°13'43" LT.
4581+16 P.I. < 5°14'03" LT.
4582+11 WATER BODY
4582+31 WATER BODY
4582+84 WATER BODY

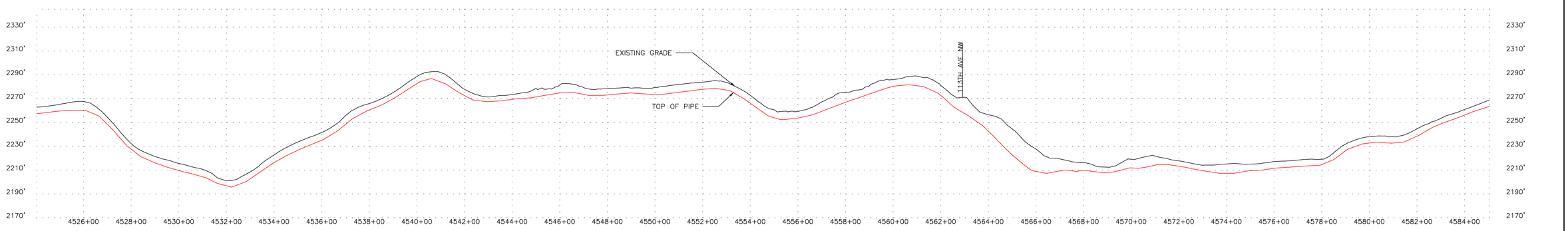
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

P1	P3	P2	P3	P2	P3	P2	T1	P1
3807'	42'	24'	39'	220'	37'	229'		1703'
4524+04	4562+11	4562+53	4562+76	4563+16	4565+36	4565+73	4568+00	4568+02	4585+04
C1	C3	C2	C3	C2				C1
3807'	42'	476'	42'	31'				1703'

PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — ℙ — ℙ —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5510 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	507 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	84 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5510 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	472 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	119 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
3	12/13/13	RECORD DRAWING
4	04/14/14	BAND REALIGNMENTS
5	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4524+04 TO STA. 4585+04
MP 86 TO MP 87

NO. BL-AP-1087
REV. 5

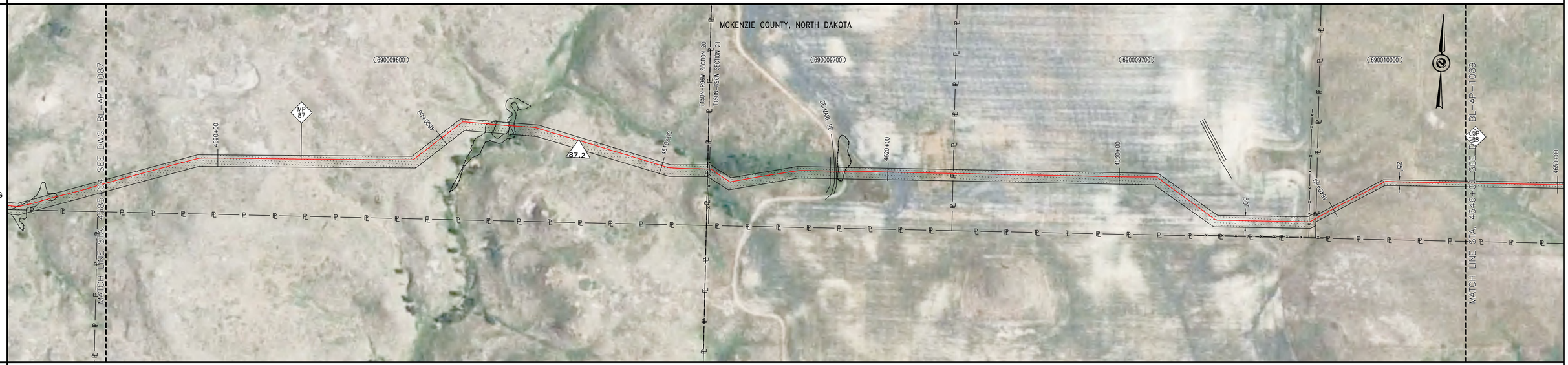
OWNERSHIP

6900009600	6900009700	6900009700	6900010000
4585+04 — LILLIBRIDGE/WILLIAM/& JEAN FRASE & — 4612+00	RINK/DELMER L & MARCELLINE — 4622+82	JOHNSRUD/MARK & MARIBETH — 4639+15	JOHNSON/CURTIS E — 4646+01
163.34 RODS	65.61 RODS	98.96 RODS	41.55 RODS

PIPELINE STATIONING

4589+21 P.I. < 11°42'08" RT.
4590+00 STA
4598+44 EL < 38° LT.
4600+00 STA
4601+13 EL < 40° RT.
4602+21 WATER BODY
4602+58 WATER BODY
4603+12 WATER BODY
4603+37 WATER BODY
4604+28 P.I. < 11°45'06" RT.
4610+00 STA
4610+31 P.I. < 12°19'42" LT.
4612+00 PROPERTY LINE
T150N-R96W SECTION 20 & T150N-R96W SECTION 21
4612+07 FENCE LINE
4612+13 EL < 36° RT.
4613+13 EL < 43° LT.
4616+21 P.I. < 7°38'45" RT.
4617+52 EDGE OF ROAD
4617+69 DELMARE RD
4617+76 EDGE OF ROAD
4617+86 WETLAND
4618+14 WETLAND
4620+00 STA
4622+82 PROPERTY LINE
4630+00 STA
4631+61 EL < 37° RT.
4634+79 EL < 34° LT.
4638+48 TOE
4638+62 FENCE LINE
4638+65 EL < 29° LT.
4639+15 PROPERTY LINE
4640+00 STA
4642+57 EL < 30° RT.

PLAN
MOP = 1480 PSIG



MATERIAL AND COATING

| | | |

OWNERSHIP

4646+01 — 4666+59 — 4693+50 — 4694+74 — 4706+01

6900100000	6900100400	6900100300	6900100500
JOHNSON/CURTIS E	LILLIBRIDGE/LEROY/& JAY LILLIBRIDGE	VEEDER/ROSALIE C	LILLIBRIDGE/LEROY/& JAY LILLIBRIDGE
124.75 RODS	163.12 RODS	7.47 RODS	68.30 RODS

PIPELINE STATIONING

4650+00 (ST) — 4652+73 P.I. < 16°41'09" RT. — 4660+00 (ST) — 4664+61 4" UNKNOWN PIPELINE (EL) — 4665+31 EL. < 24' LT. — 4666+04 TOE — 4666+12 EDGE OF ROAD — 4666+24 JOHNSON RD — 4666+37 EDGE OF ROAD — 4666+56 TOE — 4666+59 PROPERTY LINE & T150N-R96W SECTION 22 & T150N-R96W SECTION 21 — 4666+60 OVERHEAD POWERLINE — 4670+00 (ST) — 4680+00 (ST) — 4690+00 (ST) — 4691+91 EL. < 89° LT. (EL) — 4692+95 ONEOK PIPELINE — 4693+50 PROPERTY LINE — 4693+76 EL. < 57° RT. (EL) — 4694+74 PROPERTY LINE — 4698+19 EL. < 32° RT. (EL) — 4700+00 (ST)

PLAN

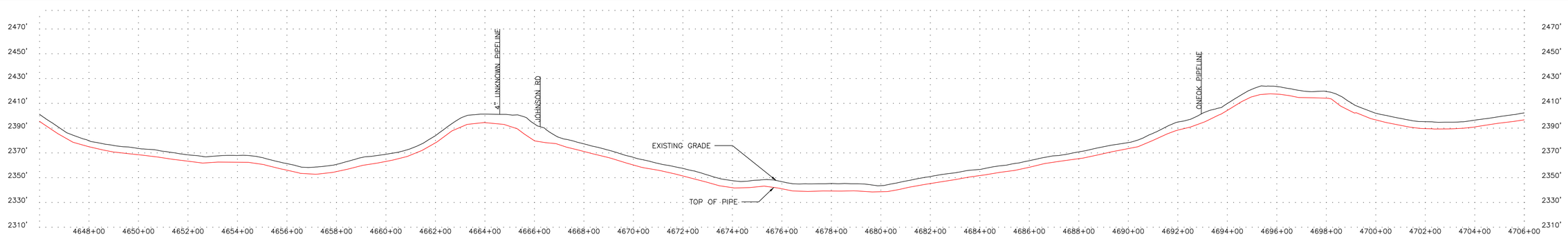
MOP = 1480 PSIG



MATERIAL AND COATING

	P1	P6	T1	P4	P1	P6	P1	P6	P1	P6	P1
	1930'	1'	1	199'	2458'	5'	180'	3'	441'	2'	780'
4646+01	4665+31	4665+32	4666+72	4667+31	4691+89	4691+94	4693+74	4693+77	4698+19	4698+20	4706+01
	C1	C3		C2	C1	C3	C1	C3	C1	C3	C1
	1930'	1'		199'	2458'	5'	180'	3'	441'	2'	780'

PROFILE VIEW



LEGEND

C/L PIPELINE	WEEDS	MILE MARKER (CALC.)	
FOREIGN PIPELINE	WETLAND BOUNDARY (WB)	AERIAL MARKER	
CL ROAD	TREES/SHRUBS	LINE MARKER/WARNING	
EDGE ROAD	PROPERTY LINE	POWER POLE	
CL RAILROAD	SECTION LINE	HDD ENTRY/EXIT	
FENCE LINE	TWP/RNG LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC	COUNTY/PARISH LINE	MAINLINE VALVE	
UNDERGROUND ELECTRIC	PERMANENT EASEMENT (PLAN)	TREE	
CABLE		GUY WIRE	
UNDERGROUND TELEPHONE		WELL	
WATERBODY			
CL DITCH			
TREELINE			

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	4 EA
C1	16 MILS FUSION BONDED EPOXY	5791 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	199 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	11 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	5791 LF
P4	12.75" OD x 0.375" WT, API 5L, PSL-2, X65M, ERW	199 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	11 LF
T1	CP TEST STATION TYPE1	1 EA

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

REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlL_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4646+01 TO STA. 4706+01
MP 88 TO MP 89

NO. BL-AP-1089 REV. 3

OWNERSHIP

4706+01 — 4721+56: 6900105000 — LILLIBRIDGE/LEROY/& JAY LILLIBRIDGE — 94.24 RODS

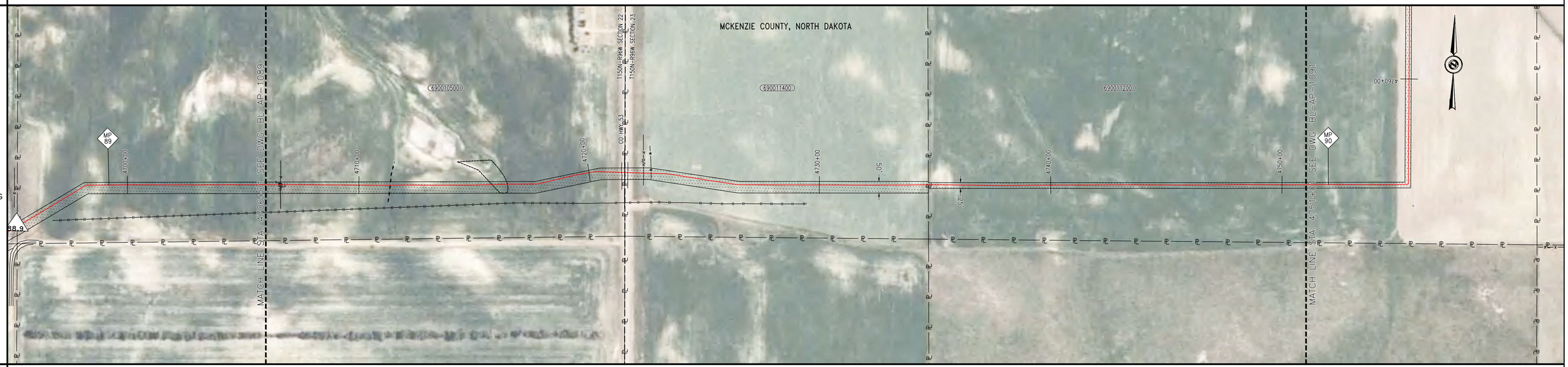
4721+56 — 4734+71: 6900111400 — LILLIBRIDGE/LEROY/& JAY LILLIBRIDGE — 79.73 RODS

4734+71 — 4751+01: 6900112200 — JOHNSON/KATHLEEN — 98.75 RODS

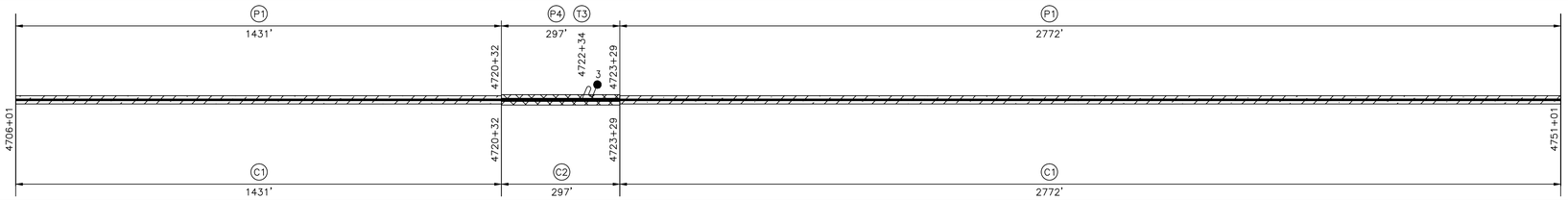
PIPELINE STATIONING

- 4706+61 OVERHEAD POWERLINE
- 4710+00 STA
- 4711+35 DRAIN / BAR DITCH
- 4715+76 WATER BODY
- 4716+42 WATER BODY
- 4717+70 P.I. < 9°36'37" LT.
- 4720+00 STA
- 4720+32 P.I. < 9°52'14" RT.
- 4721+27 TOE
- 4721+42 EDGE OF ROAD
- 4721+54 CO HWY 53
- 4721+56 PROPERTY LINE & T150N-R96W SECTION 22 & T150N-R96W SECTION 23
- 4721+68 EDGE OF ROAD
- 4721+86 TOE
- 4721+99 TOE
- 4722+37 OVERHEAD POWERLINE
- 4722+69 WATER LINE
- 4723+29 P.I. < 5°00'45" RT.
- 4726+53 P.I. < 6°43'13" LT.
- 4730+00 STA
- 4734+65 TOE
- 4734+71 PROPERTY LINE
- 4734+85 TOE
- 4740+00 STA
- 4750+00 STA

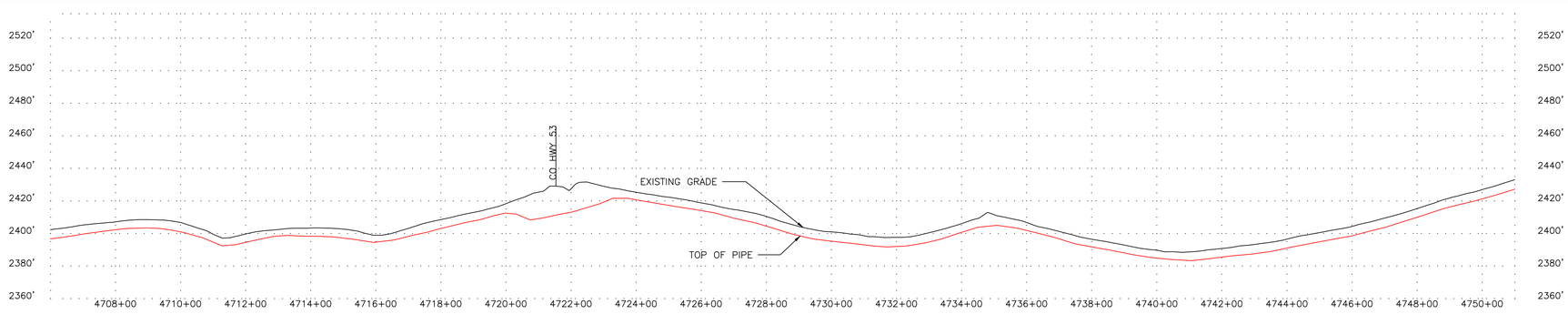
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — P — P —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
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- GUY WIRE
- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	4203 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	297 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	4203 LF
P4	12.75" OD x 0.375" WT, API 5L, PSL-2, X65M, ERW	297 LF
T3	CP TEST STATION TYPE3	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
1	12/13/13	RECORD DRAWING
2	04/14/14	BAND REALIGNMENTS
3	07/02/15	CORRECTED WT TYPO

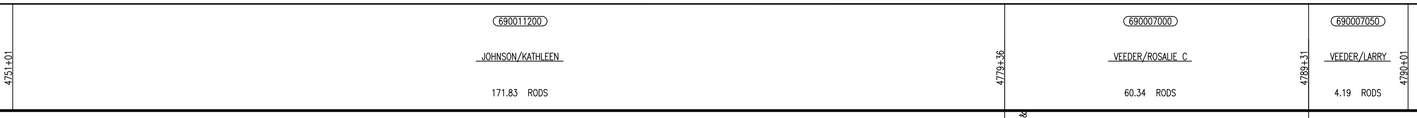
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
DRAWN WGA — DATE 12/13/13
CHK'D EDG — DATE 04/14/14
APPROVED MRI — DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mlj_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

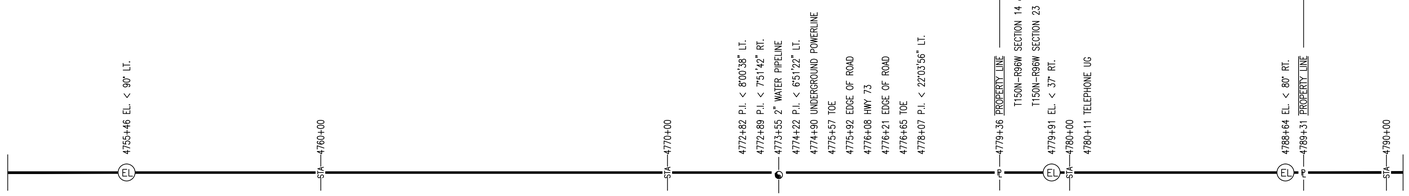
TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4706+01 TO STA. 4751+01
MP 89 TO MP 90

NO. BL-AP-1090 REV. 3

OWNERSHIP



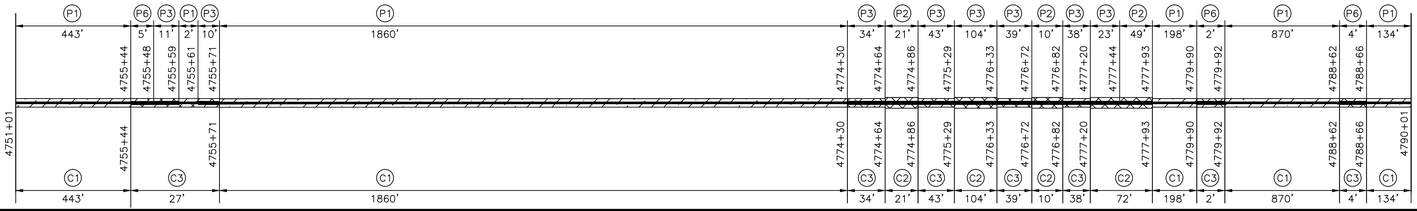
PIPELINE STATIONING



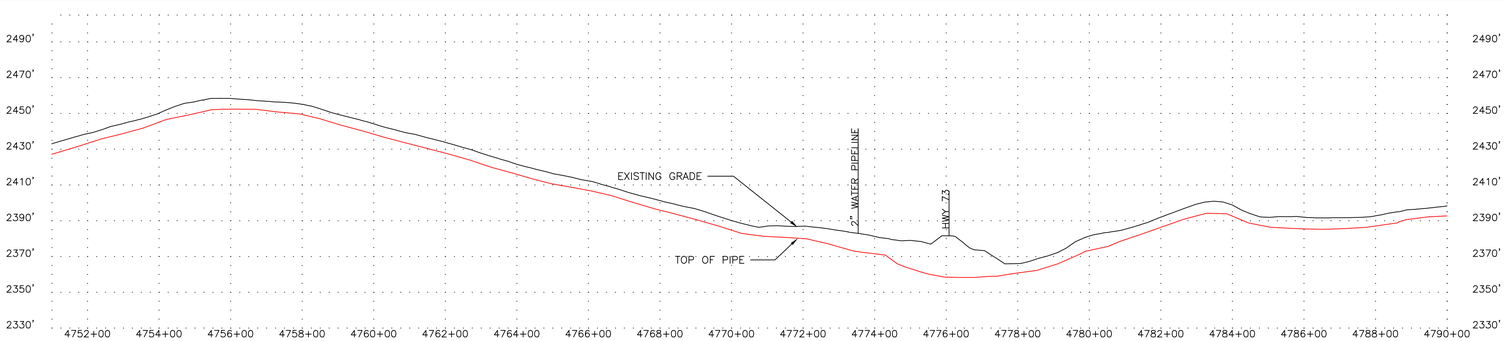
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 EA
C1	16 MILS FUSION BONDED EPOXY	3505 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	208 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	187 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3506 LF
P2	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW	81 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	303 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	10 LF

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
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4	07/02/15	CORRECTED WT TYPO

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1"= 40'
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CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_mll_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4751+01 TO STA. 4790+01
MP 90 TO MP 91

NO. BL-AP-1091 REV. 4

OWNERSHIP

4790+01 — 6900007050 — VEEDER/LARRY — 114.44 RODS — 4808+89

4808+89 — 6900006300 — VEEDER/LARRY — 169.26 RODS — 4836+82

4836+82 — 6900006400 — VEEDER/DAVID — 40.76 RODS — 4843+54

PIPELINE STATIONING

4798+91 P.I. < 9°06'33" RT.

4808+89 PROPERTY LINE

T150N–R96W SECTION 14 & T150N–R96W SECTION 13

4809+21 OVERHEAD POWERLINE

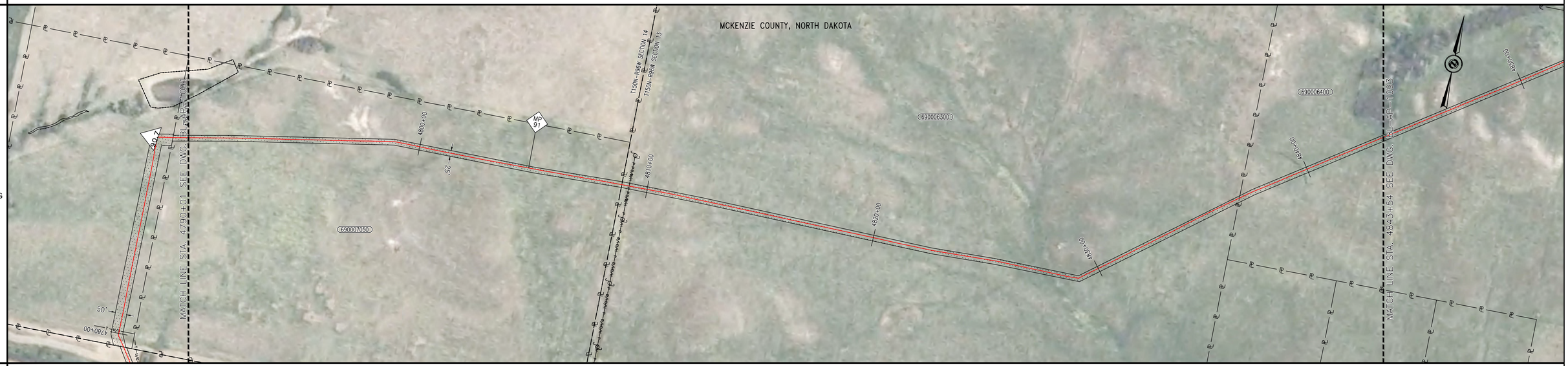
4828+63 P.I. < 5°12'51" LT.

4829+05 P.I. < 37° LT.

4836+82 PROPERTY LINE

PLAN

MOP = 1480 PSIG



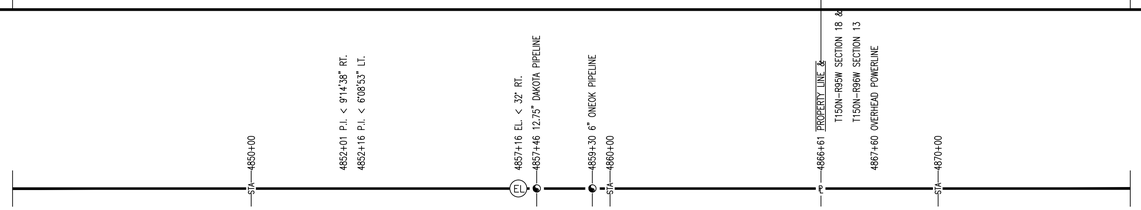
MATERIAL AND COATING

| | | |

OWNERSHIP



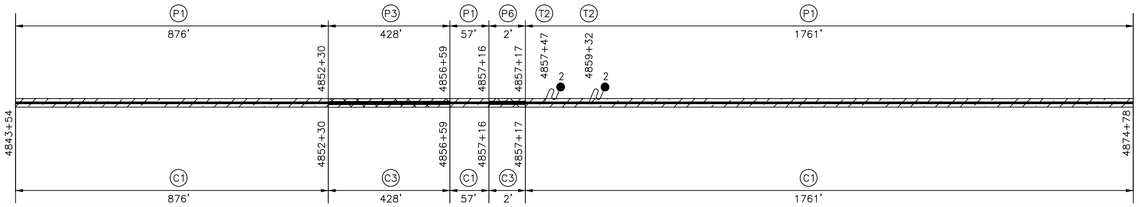
PIPELINE STATIONING



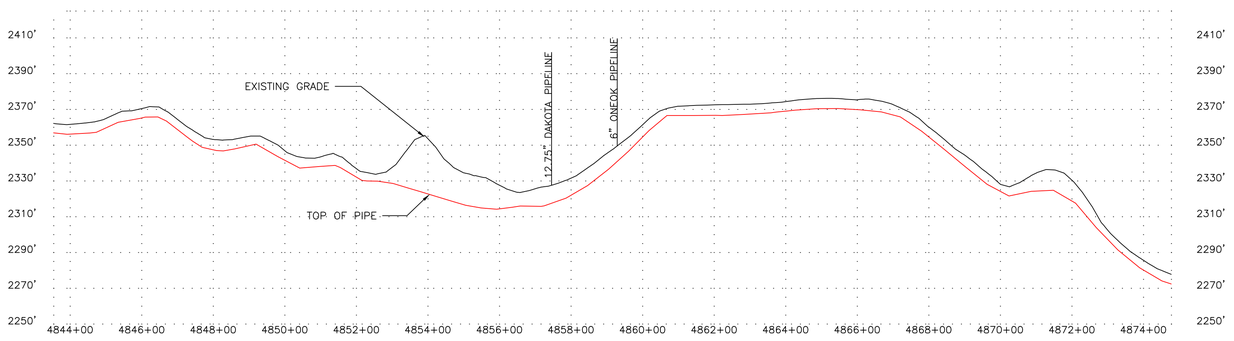
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
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- WELL

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	1 EA
C1	16 MILS FUSION BONDED EPOXY	2694 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	430 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	2694 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	428 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	2 LF
T2	CP TEST STATION TYPE2	2 EA

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REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
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PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
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CHK'D EDG DATE 04/14/14
APPROVED MRI DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4843+54 TO STA. 4874+78
MP 92 TO MP 92

NO. BL-AP-1093

REV. 4

OWNERSHIP

4874+78	900007300	4881+12	900007350	4910+42	900007250	4910+42
	LEVANG/GARY & PATSY		LEVANG/GARY & PATSY		LEVANG/GARY & PATSY	
	38.39 RODS		177.57 RODS		60.77 RODS	

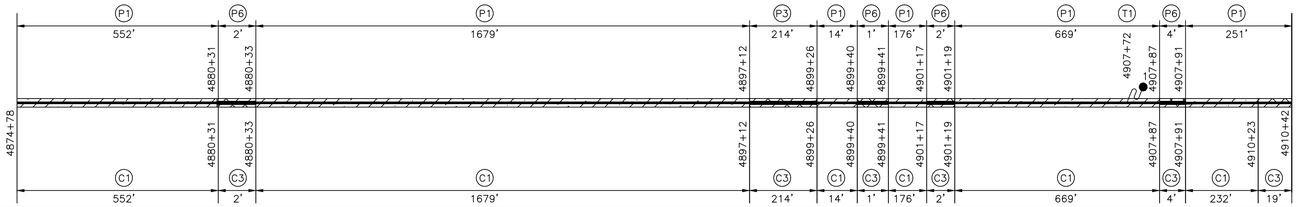
PIPELINE STATIONING

4880+00	4880+32 EL. < 45° RT.	4881+12 PROPERTY LINE	4890+00	4898+18 WETLAND	4898+75 WETLAND	4898+85 FENCE LINE	4899+40 EL. < 27° LT.	4900+00	4900+39 PROPERTY LINE	4901+18 EL. < 45° RT.	4907+89 EL. < 64' LT.	4908+03 PERMANENT EASEMENT	4908+04 DRY CREEK TERMINAL	4909+35 EDGE OF ROAD	4909+54 CENTER OF ROAD	4909+79 EDGE OF ROAD	4910+00	4910+42 END STA.
5A	EL	P	5A	X	X	X	EL	5A	P	EL	EL						5A	

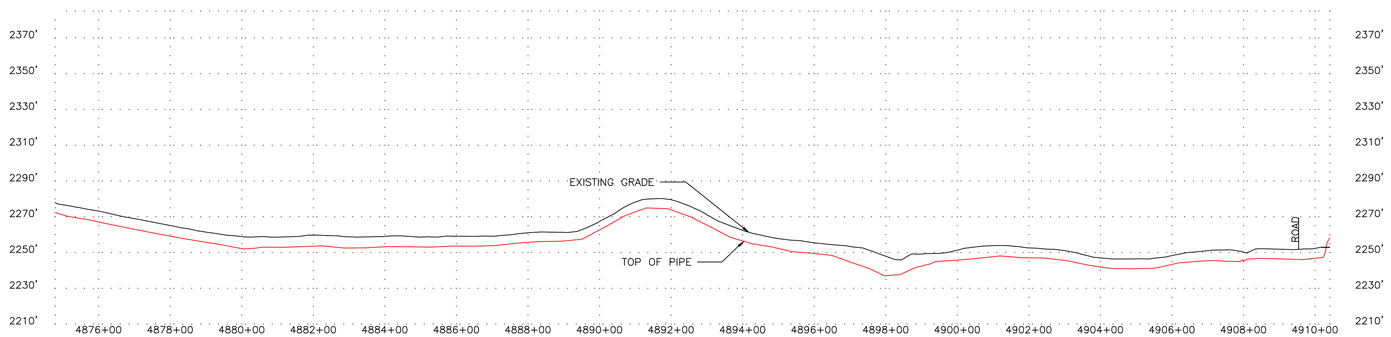
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
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- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
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- C.P. TEST STATION
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
EL	ELL, SEGMENTABLE, 12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	4 EA
C1	16 MILS FUSION BONDED EPOXY	3321 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	242 LF
P1	12.75" OD x 0.250" WT, API 5L, PSL-2, X65, ERW	3340 LF
P3	12.75" OD x 0.375" WT, API 5L, PSL-2, X65, ERW	214 LF
P6	12.75" OD X 0.250" WT, 90 DEGREE, 3R, MSS SP-75 Y65	10 LF
T1	CP TEST STATION TYPE1	1 EA

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REVISIONS

NO.	DATE	DESCRIPTION
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3	04/14/14	BAND REALIGNMENTS
4	07/02/15	CORRECTED WT TYPO

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VERTICAL SCALE= 1"= 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/14/14
APPROVED MR DATE 04/14/14
PCS JOB NO. 10045
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. bakken_ml_base.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
12.75" BAKKENLINK PIPELINE
PIPELINE ALIGNMENT
STA. 4874+78 TO STA. 4910+42
MP 92 TO MP 93

NO. BL-AP-1094

REV. 4

OWNERSHIP

0+00	1+13	27+45	53+76	60+00
39000007194000	39000007189000		39000007190000	39000007183100
MASTEL, WILFRED A & VIRGINIA C	OBRIGEWITCH, DAN A		OBRIGEWITCH, DAN A	OBRIGEWITCH, DAN A
6.85	159.50		159.47	37.81

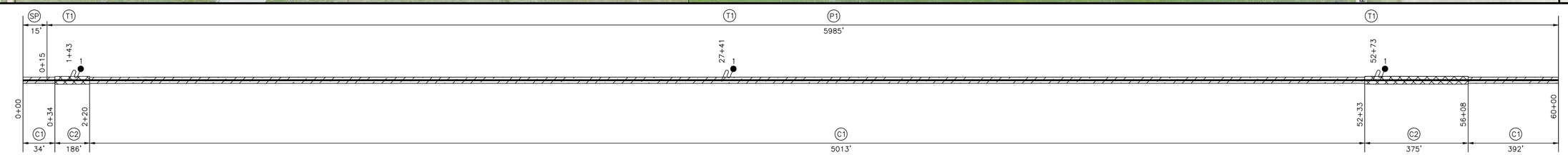
PIPELINE STATIONING

0+00 PROPERTY LINE
0+15 SURFACE SITE
0+84 EDGE OF ROAD
0+96 131ST AVE
1+07 EDGE OF ROAD
1+13 PROPERTY LINE SECTION 18 & SECTION 17
1+27 FENCE LINE
1+43 FENCE LINE
10+00
17+94 DRAIN / BAR DITCH
18+60 FENCE LINE
20+00
25+50 BRIDGER PL
27+41 FENCE LINE
27+45 PROPERTY LINE
30+00
40+00
50+00
52+74 FENCE LINE
52+75 OVERHEAD POWERLINE
53+57 EDGE OF ROAD
53+73 HWY 85
53+76 SECTION 16 & SECTION 17 & PROPERTY LINE
53+94 EDGE OF ROAD
54+84 TELEPHONE
54+91 TELEPHONE
55+09 SWPP PL
55+29 SWPP PL
60+00

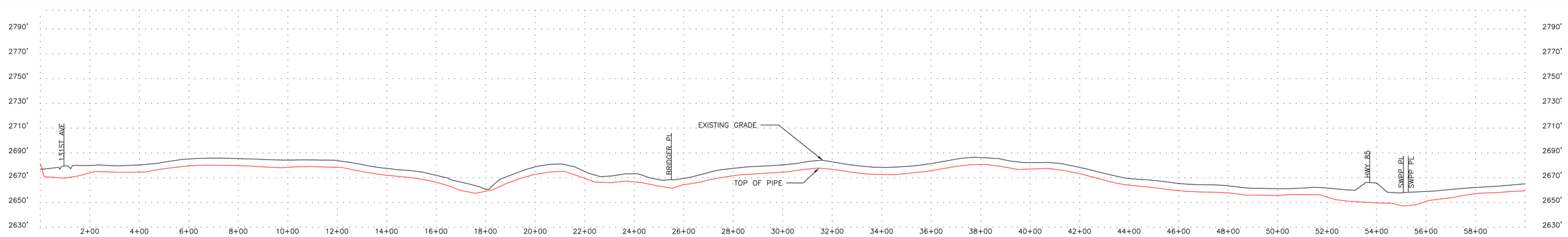
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PROPOSED PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE
- SECTION LINE
- TWP/RNG LINE
- COUNTY/PARISH LINE
- PERMANENT EASEMENT (PLAN)
- MILE MARKER (CALC.)
- AERIAL MARKER
- LINE MARKER/WARNING
- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5439 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	561 LF
SP	SEE DWG. BE-SP-3000 FOR FACILITY PIPING	15 LF
P1	8.625" OD x 0.219" WT, API 5L, PSL-2, X65, ERW	5985 LF
T1	CP TEST STATION TYPE1	3 EA

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
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www.projectconsulting.com

REVISIONS

NO.	DATE	DESCRIPTION
2	12/13/13	RECORD DRAWING
3	04/25/14	BAND REALIGNMENTS

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/25/14
APPROVED MRI DATE
PCS JOB NO. 10148
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. Belfield_LAT-FINAL.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
8.625" BELFIELD LATERAL PIPELINE ALIGNMENT
STA. 0+00 TO STA. 60+00
MP 0 TO MP 1

NO. BEL-AP-1001
REV. 3

OWNERSHIP

60+00	67+28	80+30	111+89	120+00
3900000071831000	3900000071830000	3900000071820000	3900000071810000	
OBRIGEWITCH, DAN A	OBRIGEWITCH, CHAD	CYMBALUK, SCOTT J	CYMBALUK, SCOTT	
44.10	78.91	191.46	49.19	

PIPELINE STATIONING

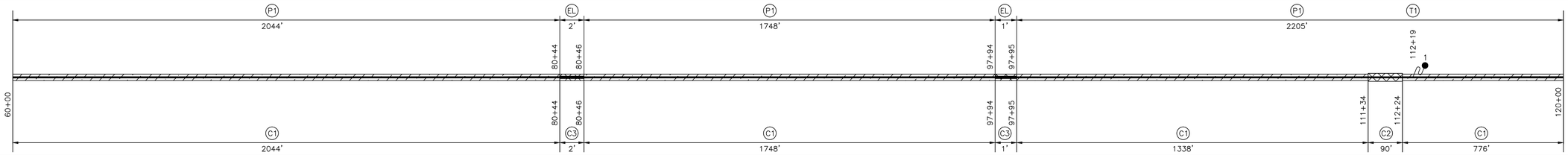
STA 60+00 — 67+28 PROPERTY LINE — STA 70+00 — STA 80+00 — 80+30 PROPERTY LINE & FENCE LINE — EL 80+45 EL. < 45°29'17" 80+45 P.I. < 45°29'17" RT. — STA 90+00 — 96+81 FENCE LINE — EL 97+95 EL. < 45°29'17" 97+95 P.I. < 46°40'07" LT. — STA 100+00 — STA 110+00 — 111+88 EDGE OF ROAD & SECTION 15 & SECTION 16 & PROPERTY LINE — 111+93 CENTER OF ROAD — 112+00 EDGE OF ROAD — 112+18 FENCE LINE — STA 120+00

PLAN

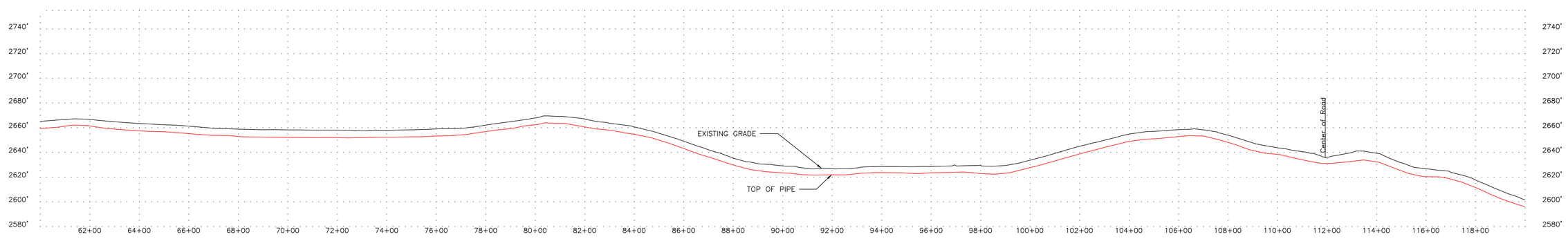
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PROPOSED PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
- SECTION LINE
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- COUNTY/PARISH LINE
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- AERIAL MARKER
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- POWER POLE
- HDD ENTRY/EXIT
- C.P. TEST STATION
- MAINLINE VALVE
- TREE
- GUY WIRE
- WELL

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5907 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	90 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	3 LF
EL	ELL, SEGMENTABLE, 8.625" OD X 0.219" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 LF
P1	8.625" OD x 0.219" WT, API 5L, PSL-2, X65, ERW	5997 LF
T1	CP TEST STATION TYPE1	1 EA

PROJECT CONSULTING SERVICES, INC.
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REVISIONS

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3	04/25/14	BAND REALIGNMENTS

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN WGA DATE 12/13/13
CHK'D EDG DATE 04/25/14
APPROVED MRI DATE
PCS JOB NO. 1014B
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. Belfield_LAT-FINAL.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
8.625" BELFIELD LATERAL PIPELINE ALIGNMENT
STA. 60+00 TO STA. 120+00
MP 1 TO MP 2

NO. BEL-AP-1002 REV. 3

OWNERSHIP

120+00 – 142+68	142+68 – 170+29	170+29 – 180+00
3900000071810000	3900000071780000	3900000071770000
CYMBALUK, SCOTT	KESSEL, PATRICK W & SHIRLEY	FRANK, LYDIA (KREBS)
137.43	167.40	58.94

PIPELINE STATIONING

- STA 120+00
- 122+33 FENCE LINE
- 123+80 P.I. < 26°47'28" LT
- 123+80 EL < 46°40'07"
- 128+73 EL < 26°47'28"
- 128+73 P.I. < 18°48'59" LT
- STA 130+00
- STA 140+00
- 142+59 FENCE LINE
- 142+60 P.I. < 44°17'57" RT
- 142+60 EL < 18°48'59"
- 142+67 PROPERTY LINE
- STA 150+00
- 154+93 FENCE LINE
- 157+01 DRAIN / BAR DITCH
- STA 160+00
- 165+90 EL < 44°17'57"
- 166+65 WHITING PL
- 166+81 FIBER OPTIC LINE
- 167+29 EL < 89°26'14"
- 169+94 FENCE LINE
- STA 170+00
- 170+19 EDGE OF ROAD
- 170+28 PROPERTY LINE & SECTION 14 & SECTION 15
- 170+37 EDGE OF ROAD
- STA 180+00

PLAN

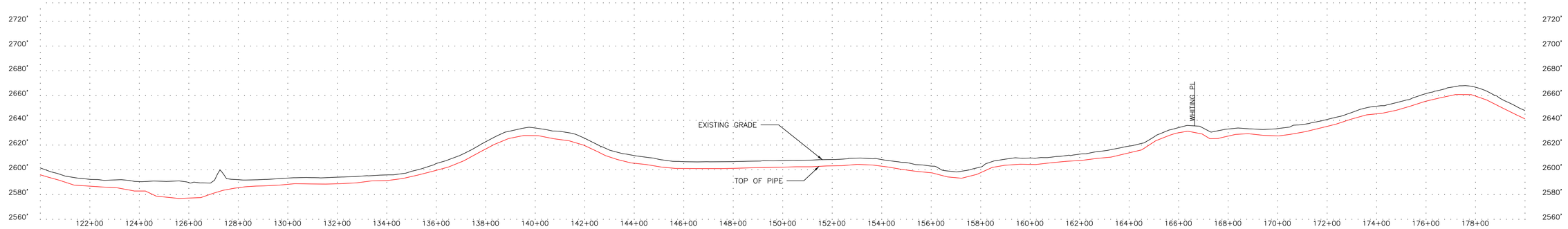
MOP = 1480 PSIG



MATERIAL AND COATING

	120+00 – 142+68	142+68 – 170+29	170+29 – 180+00
Coating	C1 379' / C3 1' / C2 492' / C1 1387'	C3 1' / C1 2327'	C3 3' / C1 135' / C3 3' / C1 276' / C2 45' / C1 950'
Pipe	P1 379' / EL 1' / P1 1879'	EL 1' / P1 2327'	EL 3' / P1 135' / EL 3' / T2 / P1 1271'
Stations	123+79, 123+80, 128+73	142+59, 142+60	165+87, 165+91, 167+26, 167+29, 169+95, 170+05, 170+50

PROFILE VIEW



LEGEND

- C/L PROPOSED PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE — X — X — X —
- OVERHEAD ELECTRIC — P — O/H —
- UNDERGROUND ELECTRIC — P — U/G —
- CABLE — C — C — C —
- UNDERGROUND TELEPHONE — T — U/G —
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY — WB — WB —
- TREES/SHRUBS
- PROPERTY LINE — PL — PL —
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NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	5454 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	538 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	9 LF
EL	ELL, SEGMENTABLE, 8.625" OD X 0.219" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	9 LF
P1	8.625" OD x 0.219" WT, API 5L, PSL-2, X65, ERW	5991 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

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VERTICAL SCALE= 1" = 40'
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APPROVED MRI DATE
PCS JOB NO. 10148
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. Belfield_LAT-FINAL.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
8.625" BELFIELD LATERAL PIPELINE ALIGNMENT
STA. 120+00 TO STA. 180+00
MP 2 TO MP 3

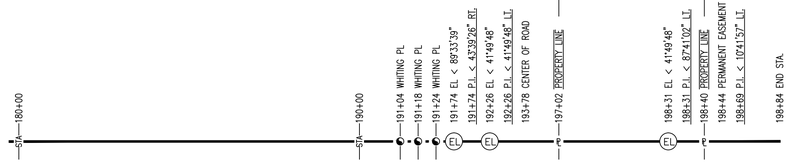
NO. BEL-AP-1003

REV. 3

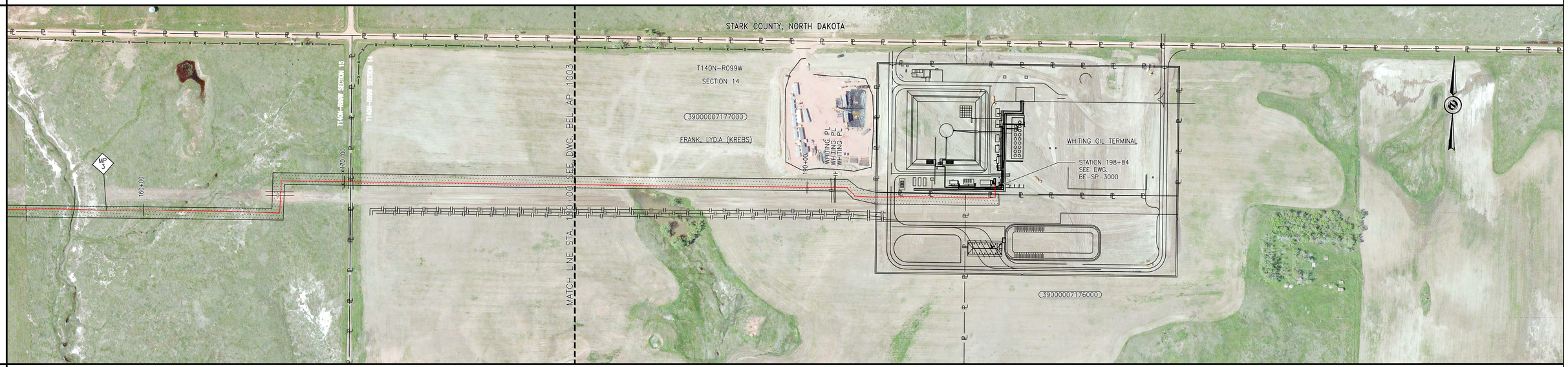
OWNERSHIP



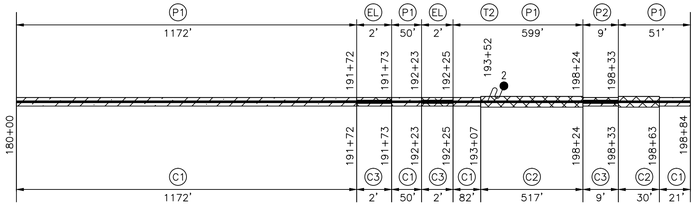
PIPELINE STATIONING



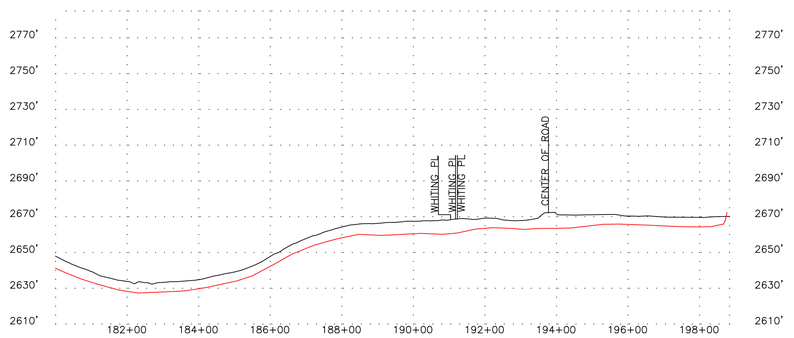
PLAN
MOP = 1480 PSIG



MATERIAL AND COATING



PROFILE VIEW



LEGEND

- C/L PROPOSED PIPELINE
- FOREIGN PIPELINE
- CL ROAD
- EDGE ROAD
- CL RAILROAD
- FENCE LINE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CABLE
- UNDERGROUND TELEPHONE
- WATERBODY
- CL DITCH
- TREELINE
- WEEDS
- WETLAND BOUNDARY
- TREES/SHRUBS
- PROPERTY LINE
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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
C1	16 MILS FUSION BONDED EPOXY	1325 LF
C2	15 MILS FUSION BONDED EPOXY & 25 MILS ABRASION RESISTANT OVERLAY	547 LF
C3	FIELD APPLIED LIQUID EPOXY COATING (30 MILS MIN)	13 LF
EL	ELL, SEGMENTABLE, 8.625" OD X 0.219" WT, 90 DEGREE, 3R, MSS SP-75 Y65, TRIM TO ANGLE REQUIRED	3 LF
P1	8.625" OD x 0.219" WT, API 5L, PSL-2, X65, ERW	1871 LF
P2	8.625" OD x 0.322" WT, API 5L, PSL-2, X52, ERW	9 LF
T2	CP TEST STATION TYPE2	1 EA

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REVISIONS

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CHK'D EDG DATE 04/25/14
APPROVED MRI DATE
PCS JOB NO. 10148
AFE/P.O.NO. XXX
CLIENT FILE NO.
PCS FILE NO. Belfield_LAT-FINAL.dwg

BakkenLink®
BAKKENLINK PIPELINE LLC.

TITLE
8.625" BELFIELD LATERAL PIPELINE ALIGNMENT
STA. 180+00 TO STA. 198+84
MP 3 TO MP 4

NO. BEL-AP-1004
REV. 3

OWNERSHIP

GREAT NORTHERN GATHERING & MARKETING
6900108850
SESE
23-150N-96W

0+00

6 Rods

0+93

JOHNSON/KATHLEEN
6900108000
E1/2NE1/4 EX RW 5.91 A
23-150N-96W

50 Rods

9+16

JOHNSON/KATHLEEN
6900111000
E1/2NW1/4 EX 6.20 A RW, W1/2NE1/4 EX 6.06 A RW
24-150N-96W

47 Rods

16+94

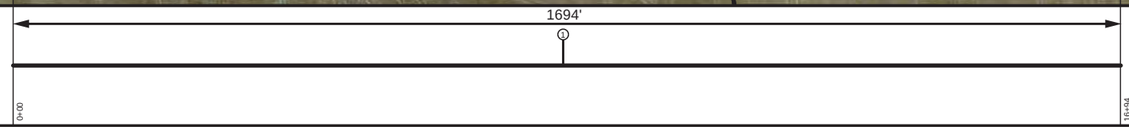
STATIONING

0+24 P.I. < 91.4° RT.
0+87 FENCE
1+96 P.I. < 138.0° LT.
2+17 P.I. < 145.5° RT.
14+48 P.I. < 90.9° RT.
15+57 BEAR PAW PIPELINE
15+57 FENCE
16+75 P.I. < 98.3° LT.
16+90 FENCE

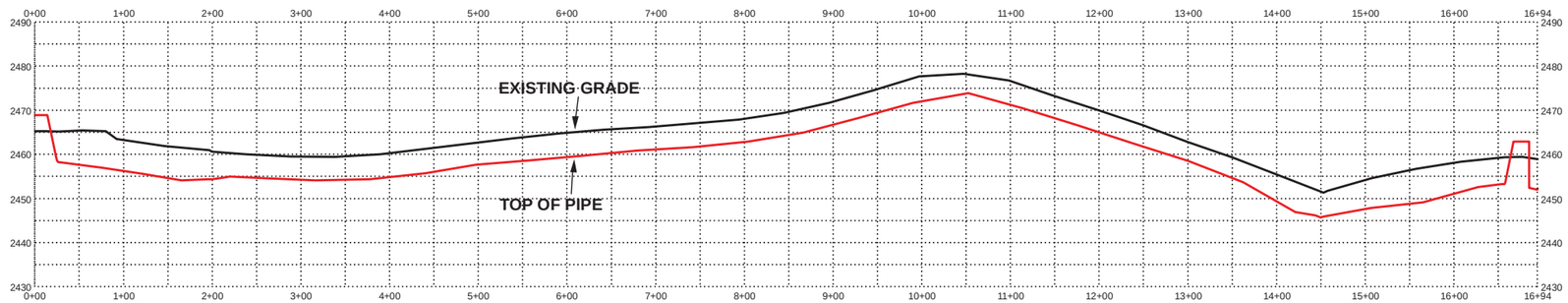
PLAN



MATERIALS

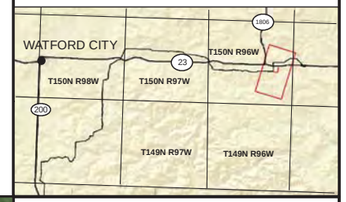


PROFILE



NOTES

1. THIS IS NOT A SURVEY DOCUMENT. SURVEY DATA PROVIDED BY BARTLETT & WEST, INC.
2. AERIAL PHOTOGRAPHY PROVIDED BY ESRI, INC.
3. ALL EXISTING FEATURES ON THESE PLANS ARE FOR INFORMATION ONLY. NO GUARANTEE IS OFFERED OR TO BE IMPLIED.



LEGEND

- ALIGNMENT
- FENCE
- EXISTING PIPELINE
- ROAD
- STRUCTURE
- PROPERTY BOUNDARIES
- EASEMENT

BILL OF MATERIALS

ITEM	DESCRIPTION	QTY
1	8.625" OD 0.219" WT, API5L X65, FBE	1694 LF

REVISIONS

NO.	DATE	BY	DESCRIPTION

MOP 1480

BakkenLink

BakkenLink Pipeline, LLC
2101 46th Ave SE, Suite 2
Mandan, ND 58554

BARTLETT & WEST
3456 Century Ave.
Bismarck, ND 58503

DRWN. BY: ZDH
CHK'D BY: JMR
PROJECT NO.: 16853.001
DATE: 3/28/2014
SHEET NO.: 2 OF 2

0 50 100 200 Feet

PLAN BAND SCALE IN FEET: 1" = 200 ft

THREE FORKS LATERAL
HIGH PRESSURE

FROM 0+00 TO 16+94