



TRACT	TRACT NUMBER OWNER NAME RODDAGE	50+00	57+60	61+08	68+27	100+00
	010002217000 GILBERTSON CURTIS & JUDY 46 RODS		020002084000 JOHNSON NORMAN & GERALYN & 21 RODS	280003541000 LEDAHL SHIRLEY 165 RODS	280003544000 PULVERMACHER RICHARD & 71 RODS	

**STATIONING**

NORTH

52+22 PL MARKER (SUMMIT MIDSTREAM), 2RT.  
52+33 TRELLINE  
52+70 TRELLINE

57+67 EDGE OF ROAD  
57+76 CL 132 AVENUE  
57+85 EDGE OF ROAD  
59+17 P.I. < 10°35'56" LT.  
59+22 90° INDUCTION BEND (SB LEFT)  
59+22 P.I. < 61°20'28" LT.  
59+28 P.I. < 16°21'13" LT.  
59+40 P.I. < 1°37'38" RT.  
60+04 EDGE OF ROAD  
61+06 CL 96TH STREET  
61+18 EDGE OF ROAD  
61+46 FENCE  
61+48 PL MARKER (SUMMIT MIDSTREAM), 4RT.  
61+78 6" SUMMIT MIDSTREAM PL  
62+09 12" ONEOK PIPELINE (6.3' COV.)(4' CLR.)  
62+38 P.I. < 2°21'05" RT.  
62+48 P.I. < 27°14'32" RT.  
62+53 P.I. < 45°23'20" RT.  
62+53 90° INDUCTION BEND (SB RIGHT)  
62+58 P.I. < 15°13'50" RT.

72+29 12" ONEOK PIPELINE (4.7)(3.7' CLR.)  
72+84 6" SUMMIT MIDSTREAM PL (10.2 COV.)(3.0' CLR.)

73+65 P.I. < 3°33'48" LT.  
73+69 P.I. < 25°34'36" LT.  
73+69 30° INDUCTION BEND (SB LEFT)

77+71 EDGE OF WATER

81+68 EDGE OF WATER

82+68 P.I. < 3°46'51" RT.  
82+92 30° INDUCTION BEND (SB RIGHT)  
82+92 P.I. < 21°40'50" RT.  
82+95 P.I. < 5°11'09" RT.

85+47 P.I. < 4°54'49" RT.  
85+59 P.I. < 2°04'36" LT.  
85+09 P.I. < 2°29'49" LT.

87+38 EDGE OF WATER

88+28 EDGE OF WATER  
88+58 P.I. < 2°17'48" RT.

96+69 6" FOREIGN PL (6.5' COV.)(1.9' CLR.)



**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TG TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND		
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

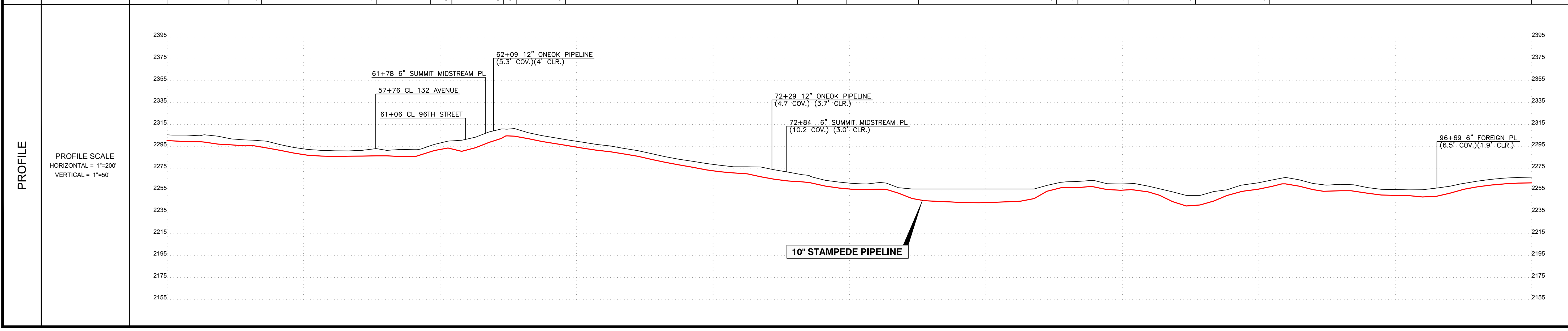
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPW PIPE	5000'
2	10" INDUCTION BEND	4 EA.

**PIPE DETAIL**

MATERIAL	COVER	COATING
50+00	5	FBE
50+22	5.5	FBE/ARO
51+32	6	FBE
51+47	5.5	FBE/ARO
51+97	6.5	FBE
52+47	7	FBE/ARO
52+95	5.5	FBE
52+95	5.5	FBE/ARO
54+27	6	TWO PART EPOXY
55+27	5	FBE
55+77	5.5	FBE/ARO
57+28	5	FBE
57+78	5.5	TWO PART EPOXY
58+16	6.5	FBE
58+67	5	FBE/ARO
59+17	6.5	FBE
59+28	6	FBE/ARO
60+41	5.5	FBE
60+91	6.5	FBE/ARO
61+42	10	TWO PART EPOXY
62+38	9.5	FBE
62+48	8.5	FBE/ARO
62+58	7	TWO PART EPOXY
63+06	7	FBE
64+86	6	FBE
65+07	5	FBE/ARO
66+87	5.5	FBE
67+88	5	FBE/ARO
68+38	5.5	FBE
68+38	5	FBE/ARO
68+89	5.5	FBE
70+89	6	FBE/ARO
71+39	5.5	FBE
71+89	6.5	FBE/ARO
72+40	9	TWO PART EPOXY
72+60	8.5	FBE
73+40	8	FBE/ARO
73+60	6.5	TWO PART EPOXY
73+72	6	FBE
73+82	6	FBE/ARO
75+76	5.5	FBE
76+26	5	FBE/ARO
76+93	6	FBE
77+44	5	FBE/ARO
77+89	8.5	FBE
78+39	10.5	TWO PART EPOXY
78+89	11.5	FBE
79+40	12	FBE/ARO
80+40	12.5	FBE
80+90	12	FBE/ARO
81+44	11.5	FBE
81+91	11	FBE/ARO
82+38	9	TWO PART EPOXY
82+48	5.5	FBE
83+08	5	FBE/ARO
84+08	5.5	FBE
84+59	6	FBE/ARO
85+09	5.5	FBE
86+09	6	FBE/ARO
86+50	5.5	FBE
87+00	6	FBE/ARO
87+50	9	TWO PART EPOXY
88+00	9.5	FBE
88+50	8.5	FBE/ARO
89+50	5	FBE
90+14	5.5	FBE/ARO
92+15	6	FBE
94+15	5	FBE/ARO
95+15	5.5	FBE
96+15	6.5	FBE/ARO
97+16	7.5	FBE
97+67	6.5	FBE/ARO
98+17	5.5	FBE
99+17	5	FBE/ARO
99+68	5.5	FBE
100+00	5	FBE/ARO

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16

Know what's Below. Call before you dig.

LWS Survey Co.  
12345 W. Alameda Pkwy.  
Suite 100  
Lakewood, CO 80228

**RECORD ALIGNMENT SHEET**  
10" STAMPE PIPELINE  
MP 1 TO MP 2  
DIVIDE COUNTY, NORTH DAKOTA

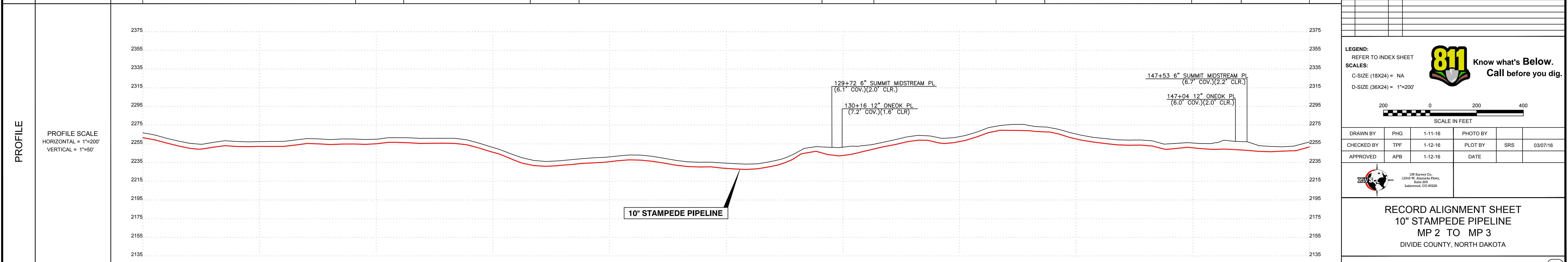
DWG. NO. **D-51303-002** 1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	280003544000 PULVERMACHER RICHARD & 96 RODS	280003547000 PULVERMACHER RICHARD & 169 RODS	280003549000 PULVERMACHER RICHARD & 38 RODS
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STATIONING	100+00	115+76	143+65	150+00
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PIPE DETAIL	MATERIAL	COVER	COATING
100+00		5	FBE
102+19		5.5	
102+69		5	
103+69		5.5	
104+70		5	
105+70		5.5	
107+21		5	
107+71		5.5	
110+66	TWO PART EPOXY	5	
111+54		5.5	
113+04		5	
113+55		5.5	
114+05		5	
116+45		5.5	
117+45	TWO PART EPOXY	5	
117+89		5.5	
119+51		5	
120+01		5.5	
121+52		5	
122+52		5.5	
125+02		5	
127+53		5.5	
129+54		5	
130+05		5.5	
130+88		5	
131+43		5.5	
133+89		5	
134+95		5.5	
135+45		5	
136+45		5.5	
136+95		5	
137+45		5.5	
138+17		5	
138+46		5.5	
139+46		5	
139+96		5.5	
140+47		5	
141+47		5.5	
144+89		5	
145+49		5.5	
146+99		5	
148+21		5.5	
148+28		5	
148+54		5.5	
147+04		5	
147+54		5.5	
148+04		5	
148+04		5.5	
148+05		5	
148+05		5.5	
148+45		5	
148+45		5.5	
150+00		5	



- ### NOTES
1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
  2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

### LEGEND

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

### BILL OF MATERIALS

#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPW PIPE	5000'
2	10" INDUCTION BEND	5 EA.

### REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD

**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

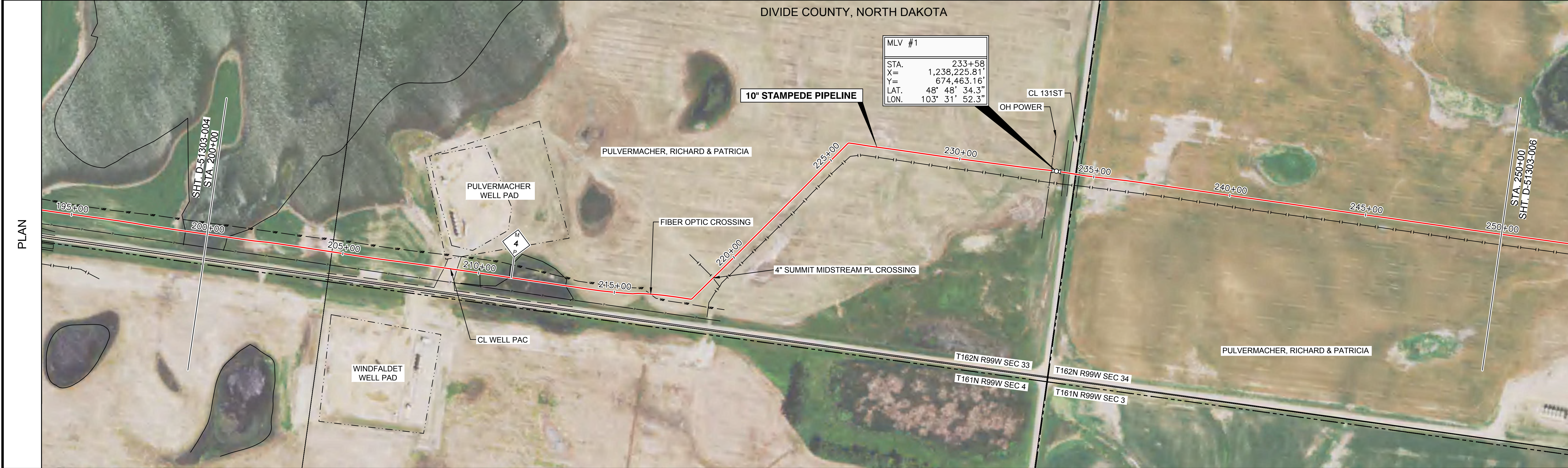
DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

LWS Survey Co.  
12345 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80228

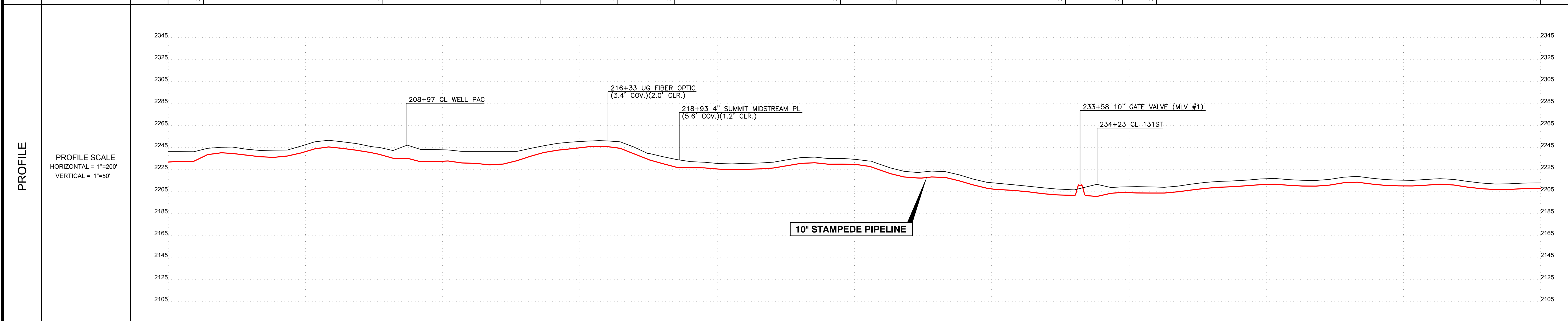
**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 2 TO MP 3  
DIVIDE COUNTY, NORTH DAKOTA



TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	200+00	204+60	28000035570000	28000035570000	234+32	28000035570000	250+00
		PULVERMACHER RICHARD &	28 RODS			PULVERMACHER RICHARD &	180 RODS		PULVERMACHER RICHARD &	95 RODS



PIPE DETAIL	MATERIAL	COVER	COATING
200+00	FBE/ARO	9.5	FBE/ARO
200+73		8.5	
201+73		6	
202+24		5	
202+63		6	
203+13		5.5	
204+14		6.5	
204+84		5.5	
205+14		6	
205+64		6.5	
206+15		6	
207+65		5.5	
207+69		6.5	
208+46		12	
209+01		11	
210+90		10	
211+50		10.5	
212+01		11	
212+51		12	
213+01		11.5	
213+51		8.5	
213+99		7	
214+99		6	
215+60		5.5	
216+78		5	
217+78		6	
217+85		5	
218+35		6	
218+85		6.5	
219+35		7	
219+96		5.5	
221+36		5	
223+88		5.5	
225+98		5	
225+98		4.5	
228+13		5	
231+15		5.5	
232+15		5	
233+38		5.5	
233+42		5	
233+46		5	
233+51		5	
233+58		5	
233+62		5	
233+67		5	
233+70		5.5	
233+75		5	
234+23		5	
234+23		5.5	
234+74		5	
235+68		5.5	
236+69		5	
237+69		5.5	
238+70		5	
243+72		5.5	
245+22		5	
250+00			



**NOTES**

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2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		

**UNDERGROUND**

	ELECTRIC
	WATER LINE
	FIBER OPTIC CABLE

**BILL OF MATERIALS**

#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, X42 HPFW PIPE	500'
2	10" INDUCTION BEND	6 EA.
4	10" BALL VALVE	1 EA.
-	-	-
-	-	-

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD

**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
**10" STAMPEDE PIPELINE**  
**MP 4 TO MP 5**  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-005** 1 REV





TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	350+00	2900035590000	LEDAHL, SHIRLEY	27 RODS	354+42	2900035590000	WINDFALDET LYLE G & LOUISE E	32 RODS	359+78	UNKNOWN	1 RODS	359+95	2900035590000	WINDFALDET LYLE G & LOUISE E	2 RODS	360+28	2900035533000	FUHRMAN EUGENE H & SHARON A	2 RODS	360+61	UNKNOWN	1 RODS	360+78	2900035533000	FUHRMAN EUGENE H & SHARON A	157 RODS	386+75	2900035533000	OLSON CLIFFORD TRUST	80 RODS	400+00
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**NOTES**

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**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

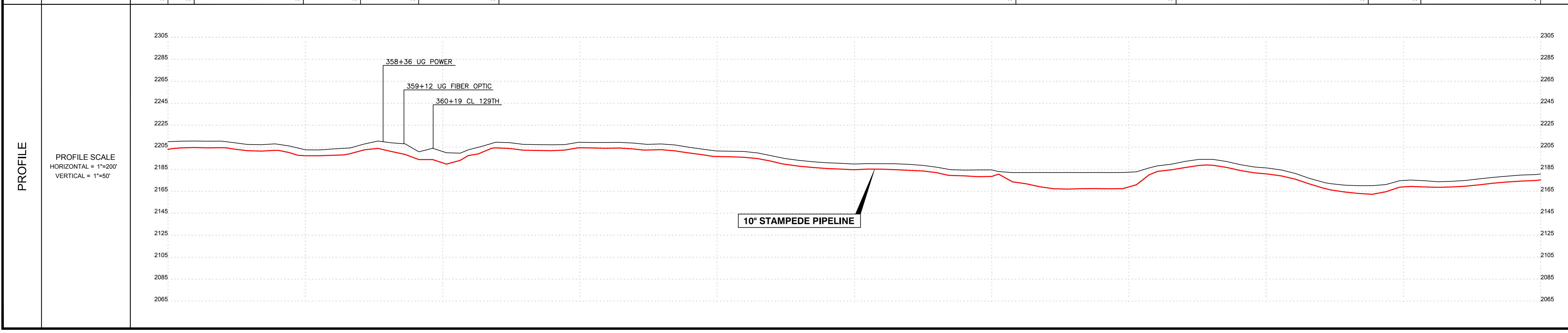
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API 5L PSL2, X42 HFW PIPE	5000'
-	-	-
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
350+00	350+16 7.5	FBE/ARO
350+45	9	FBE
350+66	6.5	FBE
353+42	6	TWO PART EPOXY
353+62	5.5	FBE
355+52	5.5	FBE
356+56	6	FBE
357+06	6	FBE
357+17	5.5	FBE
357+67	5	FBE
358+17	5.5	FBE
358+66	6.5	FBE/ARO
358+16	8	FBE
358+67	9.5	FBE
359+17	7	FBE
361+18	10.5	FBE
361+47	6.5	FBE
361+87	5	FBE
362+48	5.5	FBE
362+98	5	FBE
364+69	5	FBE
366+49	5	FBE
366+89	5.5	FBE
367+50	5	FBE
368+00	5.5	FBE
368+00	5	FBE
368+60	5.5	FBE
371+51	5	FBE
372+01	5.5	FBE
373+52	5	FBE
374+02	5.5	FBE
375+03	6	FBE
375+63	5.5	FBE
377+04	5	FBE
378+04	5.5	FBE
380+05	5	FBE
380+80	6	FBE/ARO
381+31	5.5	FBE/ARO
381+81	8.5	FBE/ARO
382+31	10	FBE/ARO
382+82	13	FBE/ARO
383+32	14.5	FBE/ARO
383+82	15	FBE/ARO
385+63	14.5	FBE/ARO
386+30	12	FBE/ARO
386+80	6.5	FBE
387+61	5	FBE
391+63	5	FBE
392+63	5	FBE
393+63	5.5	FBE
394+64	6	FBE
394+94	7	FBE
394+94	8	FBE
395+44	6.5	FBE
396+54	6	FBE
396+83	5.5	FBE
398+34	5	FBE
400+00	5.5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY		
CHECKED BY	TPF	1-12-16	PLOT BY	SRS	03/07/16
APPROVED	APB	1-12-16	DATE		

Know what's Below. Call before you dig.

LWS Survey Co.  
10145 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80228

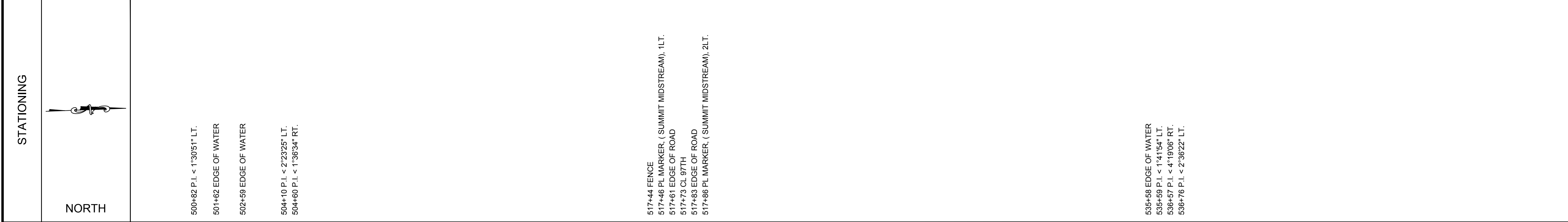
**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 7 TO MP 8  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-008** 1 REV



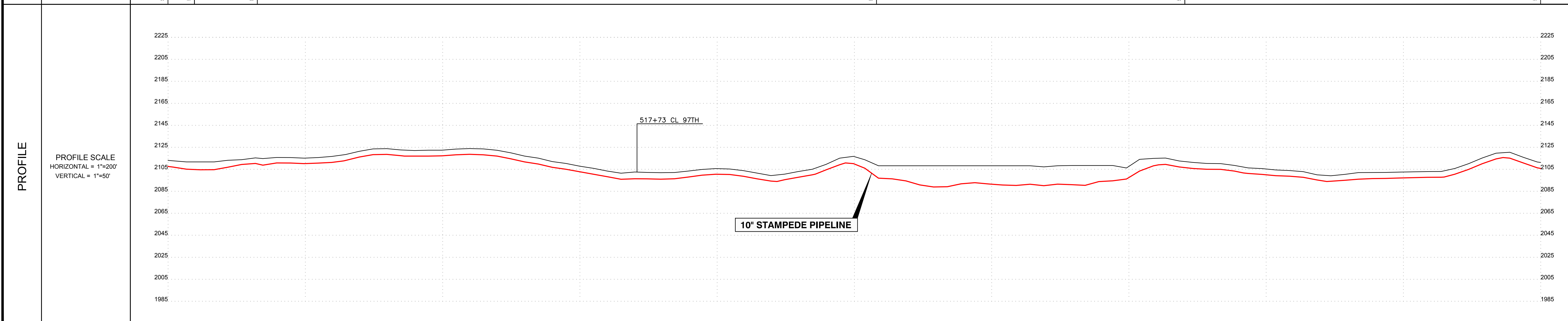


TRACT	TRACT NUMBER OWNER NAME RODDAGE	28000033880000 OVERLAND O MARK 107 RODS	28000033880000 BENSON DREW 160 RODS	28000033880000 BENSON DREW 36 RODS
500+00	517+70	544+13	550+00	



**PIPE DETAIL**

MATERIAL	COVER	COATING
500+00	5.5	FBE
501+31	6.5	FBE/ARO
501+81	7	FBE/ARO
502+82	6.5	FBE/ARO
503+82	4.5	FBE/ARO
504+10	5	FBE/ARO
504+80	6	FBE/ARO
506+61	5	FBE/ARO
507+61	5.5	FBE/ARO
510+12	5	FBE/ARO
510+62	5.5	FBE/ARO
512+13	5	FBE/ARO
514+64	5.5	FBE/ARO
515+14	5	FBE/ARO
515+64	5.5	FBE/ARO
516+15	5	FBE/ARO
516+65	5.5	FBE/ARO
517+15	5	FBE/ARO
517+65	5.5	FBE/ARO
519+10	6	FBE/ARO
520+10	5.5	FBE/ARO
525+12	6	FBE/ARO
526+63	6	FBE/ARO
528+04	6.5	FBE/ARO
528+55	7.5	FBE/ARO
527+65	11.5	FBE/ARO
527+55	12	FBE/ARO
528+05	14	FBE/ARO
529+56	17.5	FBE/ARO
529+06	19.5	FBE/ARO
529+06	18.5	FBE/ARO
530+56	15.5	FBE/ARO
531+07	16.5	FBE/ARO
531+57	17.5	FBE/ARO
532+07	18	FBE/ARO
532+08	17	FBE/ARO
533+58	16.5	FBE/ARO
534+08	17.5	FBE/ARO
534+58	18	FBE/ARO
535+09	14.5	FBE/ARO
535+59	14	FBE/ARO
536+07	10	FBE/ARO
536+57	10.5	FBE/ARO
536+76	6.5	FBE/ARO
537+52	6	FBE/ARO
538+02	5.5	FBE/ARO
540+53	5	FBE/ARO
541+03	5.5	FBE/ARO
542+54	5	FBE/ARO
543+04	4.5	FBE/ARO
543+54	5	FBE/ARO
544+05	5.5	FBE/ARO
544+55	6	FBE/ARO
546+65	5.5	FBE/ARO
548+67	5	FBE/ARO
550+00	5.5	FBE/ARO



**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, X42 HFW PIPE	5000'
-	-	-
-	-	-
-	-	-

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD

**811 Know what's Below. Call before you dig.**

SCALE IN FEET

200 0 200 400

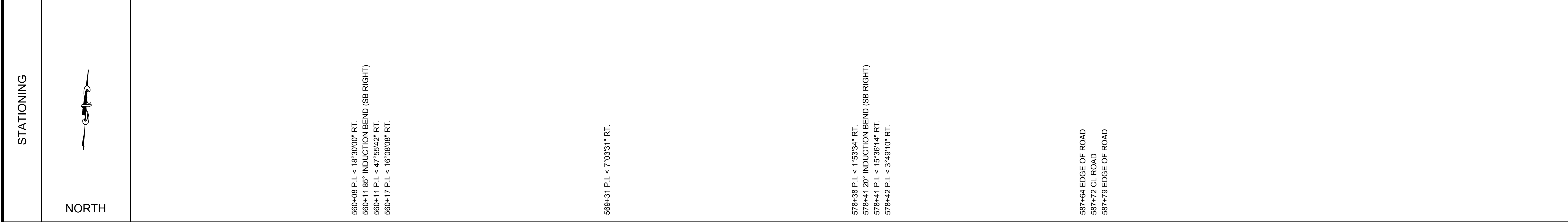
DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 9 TO MP 10  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. D-51303-011

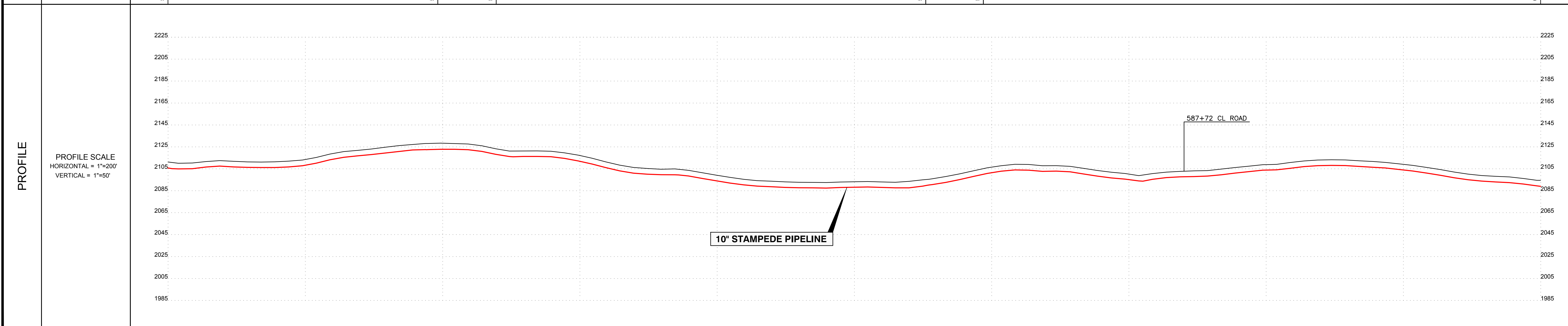
1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	2800003383000 BENSON DREW 65 RODS	2800003381000 NELSON BERNDAN 164 RODS	2800003379000 OLSON RANDY & KIMBERLY 74 RODS
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**PIPE DETAIL**

MATERIAL	550+00 to 550+07: 5.5 550+07 to 550+13: 5 550+13 to 560+08: 5 560+08 to 560+11: IND. BEND 560+11 to 560+17: 5.5 560+17 to 566+45: 5 566+45 to 566+65: 5.5 566+65 to 569+16: 5 569+16 to 569+46: 5.5 569+46 to 577+70: 5 577+70 to 578+38: 6 578+38 to 578+41: IND. BEND 578+41 to 578+45: 5 578+45 to 579+45: 5.5 579+45 to 581+48: 5 581+48 to 582+49: 5.5 582+49 to 584+61: 5 584+61 to 584+65: 5.5 584+65 to 600+00: 5 600+00 to 605+00: 5
COVER	550+00 to 550+07: 5.5 550+07 to 550+13: 5 550+13 to 560+08: 5 560+08 to 560+11: IND. BEND 560+11 to 560+17: 5.5 560+17 to 566+45: 5 566+45 to 566+65: 5.5 566+65 to 569+16: 5 569+16 to 569+46: 5.5 569+46 to 577+70: 5 577+70 to 578+38: 6 578+38 to 578+41: IND. BEND 578+41 to 578+45: 5 578+45 to 579+45: 5.5 579+45 to 581+48: 5 581+48 to 582+49: 5.5 582+49 to 584+61: 5 584+61 to 584+65: 5.5 584+65 to 600+00: 5 600+00 to 605+00: 5
COATING	550+00 to 560+08: FBE 560+08 to 560+17: TWO PART EPOXY 560+17 to 566+45: FBE 566+45 to 578+42: TWO PART EPOXY 578+42 to 605+00: FBE



**NOTES**

1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TG TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND		
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	2 EA
-	-	-
-	-	-
-	-	-

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD

**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 10 TO MP 11  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-012**

1 REV

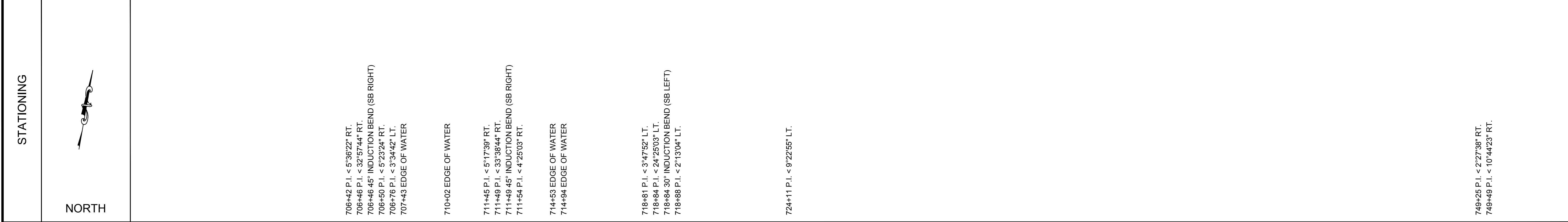




TRACT	TRACT NUMBER OWNER NAME RODDAGE	28000033550000 SANDVOL LAVONNE 134 RODS	28000033550000 MOERIS 165 RODS	28000033550000 OLSON BURTON A & JUDITH S 3 RODS
700+00	722+17	749+45	750+00	

**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND ELECTRIC		
	UNDERGROUND WATER LINE		
	UNDERGROUND FIBER OPTIC CABLE		

**BILL OF MATERIALS**

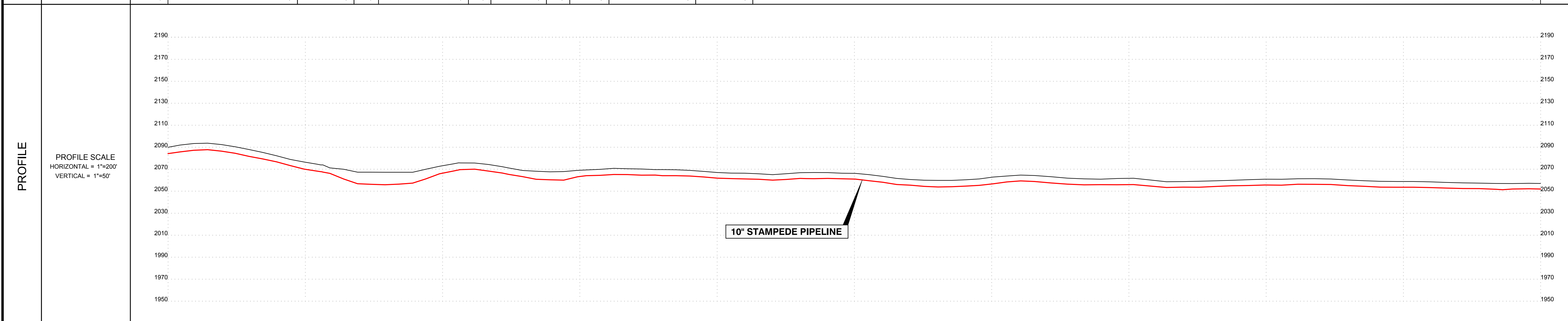
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPFW PIPE	5000'
2	10" INDUCTION BEND	3 EA.
-		-
-		-
-		-

**PIPE DETAIL**

MATERIAL	COVER	COATING
700+00	5.5	FBE
701+25	6	TWO PART EPOXY
704+81	5.5	FBE
706+81	6.5	TWO PART EPOXY
708+42	6.5	FBE
708+60	7	FBE/ARO
708+76	9	FBE
707+25	5	FBE/ARO
707+77	9	FBE
708+27	10.5	FBE/ARO
708+77	11	FBE
708+27	11.5	FBE/ARO
709+77	11	FBE
710+25	10	FBE/ARO
710+76	9	FBE
711+25	7	FBE/ARO
711+49	6.5	FBE
711+54	6	TWO PART EPOXY
712+04	6	FBE
712+54	5.5	TWO PART EPOXY
713+76	6	FBE
714+28	5.5	FBE/ARO
714+78	7.5	FBE
715+28	7	FBE/ARO
715+78	8	FBE
716+11	6	FBE/ARO
716+41	5	FBE
718+81	5.5	TWO PART EPOXY
718+82	5	FBE
718+81	5	TWO PART EPOXY
719+28	5.5	FBE
724+40	5.5	FBE
725+41	5	FBE
728+41	5	FBE
727+42	5.5	FBE
728+42	5	FBE
728+42	5.5	FBE
731+43	6	FBE
734+44	5.5	FBE
735+44	5	FBE
737+25	5.5	FBE
738+43	5	FBE
739+03	5.5	FBE
740+23	5	FBE
742+03	5.5	FBE
745+04	5	FBE
746+44	5.5	FBE
749+25	5	FBE
749+45	5.5	FBE
750+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

Know what's Below. Call before you dig.

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

LWS Survey Co.  
12345 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80228

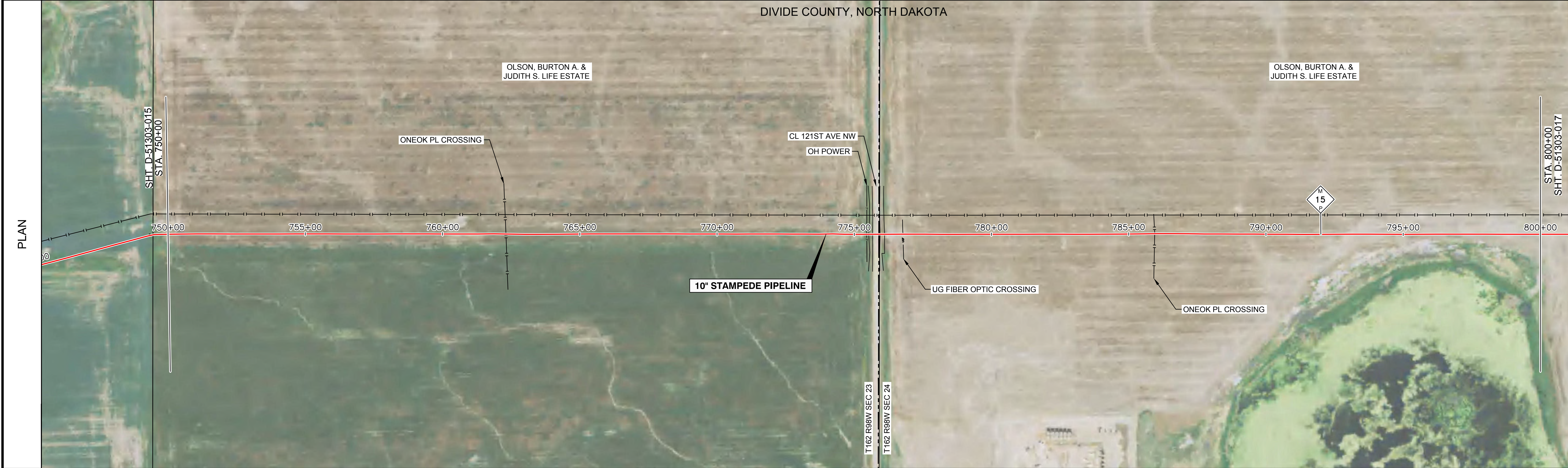
**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 13 TO MP 14  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-015** 1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	280003356000 OLSON BURTON A & JUDITH S 157 RODS	280003360000 OLSON BURTON A & JUDITH S 146 RODS
	STATIONING	750+00	800+00

**NOTES**

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**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

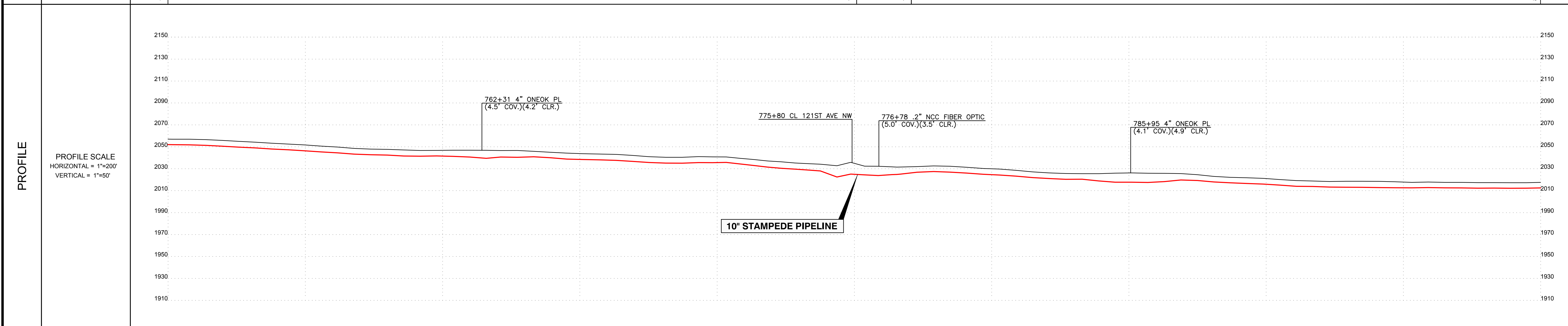
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, X42 HFW PIPE	5000'
-	-	-
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
5000'	5	FBE
750+00	5.5	FBE
752+95	5	FBE
754+05	5.5	FBE
754+65	5	FBE
755+25	5.5	FBE
755+85	5	FBE
757+45	5.5	FBE
759+05	5	FBE
759+65	5.5	FBE
761+25	5	FBE
761+85	5.5	FBE
762+45	6	FBE
763+05	7.5	FBE
764+20	6	FBE
765+40	5	FBE
771+21	5	FBE
772+22	5.5	FBE
773+22	6	FBE
773+72	5.5	FBE
774+22	5.5	FBE
775+25	6	FBE
775+75	10	FBE
776+25	11	FBE
776+75	8	FBE
777+25	8.5	FBE
777+43	7	FBE
778+17	6.5	FBE
779+27	5	FBE
782+28	5.5	FBE
783+28	5	FBE
784+18	5.5	FBE
784+78	5	FBE
785+28	6.5	FBE
785+88	8	FBE
787+18	8.5	FBE
787+78	7.5	FBE
788+28	6	FBE
789+88	5.5	FBE
793+79	5	FBE
798+19	5.5	FBE
800+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

Know what's Below.  
Call before you dig.

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

LWS Survey Co.  
12345 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80228

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 14 TO MP 15  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-016**

1 REV



TRACT	TRACT NUMBER	1800003177000	1800003181000
	OWNER NAME	SPARKS BRAD	SPARKS BRAD
STATIONING	RODDAGE	190 RODS	113 RODS
		850+00	900+00

**NOTES**

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2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TG TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

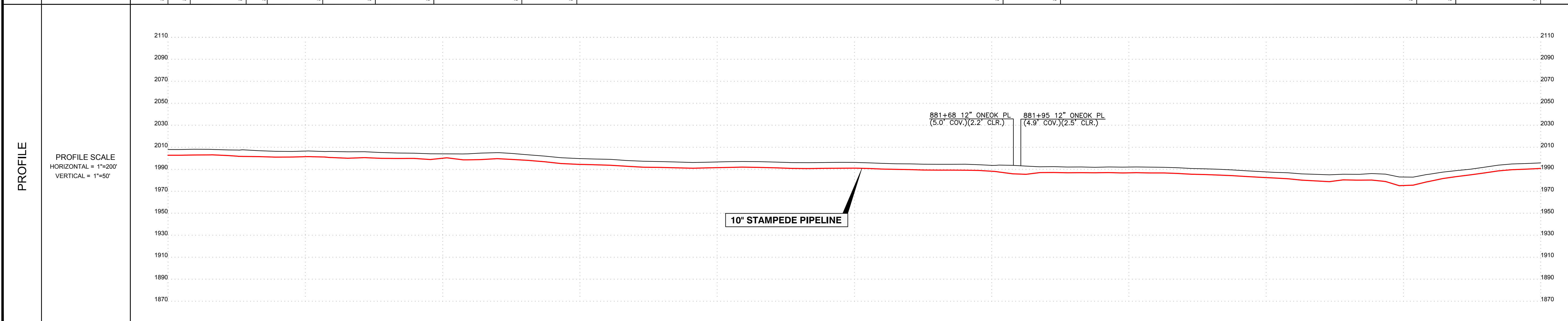
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API-5L-PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	6 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
850+00	5	FBE
852+39	5	TWO PART EPOXY
852+44	5.5	FBE
853+41	5.5	TWO PART EPOXY
853+45	5.5	FBE
853+48	5.5	TWO PART EPOXY
853+49	5.5	FBE
853+50	5.5	TWO PART EPOXY
853+51	5.5	FBE
853+52	5.5	TWO PART EPOXY
853+53	5.5	FBE
853+54	5.5	TWO PART EPOXY
853+55	5.5	FBE
853+56	5.5	TWO PART EPOXY
853+57	5.5	FBE
853+58	5.5	TWO PART EPOXY
853+59	5.5	FBE
853+60	5.5	TWO PART EPOXY
853+61	5.5	FBE
853+62	5.5	TWO PART EPOXY
853+63	5.5	FBE
853+64	5.5	TWO PART EPOXY
853+65	5.5	FBE
853+66	5.5	TWO PART EPOXY
853+67	5.5	FBE
853+68	5.5	TWO PART EPOXY
853+69	5.5	FBE
853+70	5.5	TWO PART EPOXY
853+71	5.5	FBE
853+72	5.5	TWO PART EPOXY
853+73	5.5	FBE
853+74	5.5	TWO PART EPOXY
853+75	5.5	FBE
853+76	5.5	TWO PART EPOXY
853+77	5.5	FBE
853+78	5.5	TWO PART EPOXY
853+79	5.5	FBE
853+80	5.5	TWO PART EPOXY
853+81	5.5	FBE
853+82	5.5	TWO PART EPOXY
853+83	5.5	FBE
853+84	5.5	TWO PART EPOXY
853+85	5.5	FBE
853+86	5.5	TWO PART EPOXY
853+87	5.5	FBE
853+88	5.5	TWO PART EPOXY
853+89	5.5	FBE
853+90	5.5	TWO PART EPOXY
853+91	5.5	FBE
853+92	5.5	TWO PART EPOXY
853+93	5.5	FBE
853+94	5.5	TWO PART EPOXY
853+95	5.5	FBE
853+96	5.5	TWO PART EPOXY
853+97	5.5	FBE
853+98	5.5	TWO PART EPOXY
853+99	5.5	FBE
854+00	5.5	TWO PART EPOXY
854+01	5.5	FBE
854+02	5.5	TWO PART EPOXY
854+03	5.5	FBE
854+04	5.5	TWO PART EPOXY
854+05	5.5	FBE
854+06	5.5	TWO PART EPOXY
854+07	5.5	FBE
854+08	5.5	TWO PART EPOXY
854+09	5.5	FBE
854+10	5.5	TWO PART EPOXY
854+11	5.5	FBE
854+12	5.5	TWO PART EPOXY
854+13	5.5	FBE
854+14	5.5	TWO PART EPOXY
854+15	5.5	FBE
854+16	5.5	TWO PART EPOXY
854+17	5.5	FBE
854+18	5.5	TWO PART EPOXY
854+19	5.5	FBE
854+20	5.5	TWO PART EPOXY
854+21	5.5	FBE
854+22	5.5	TWO PART EPOXY
854+23	5.5	FBE
854+24	5.5	TWO PART EPOXY
854+25	5.5	FBE
854+26	5.5	TWO PART EPOXY
854+27	5.5	FBE
854+28	5.5	TWO PART EPOXY
854+29	5.5	FBE
854+30	5.5	TWO PART EPOXY
854+31	5.5	FBE
854+32	5.5	TWO PART EPOXY
854+33	5.5	FBE
854+34	5.5	TWO PART EPOXY
854+35	5.5	FBE
854+36	5.5	TWO PART EPOXY
854+37	5.5	FBE
854+38	5.5	TWO PART EPOXY
854+39	5.5	FBE
854+40	5.5	TWO PART EPOXY
854+41	5.5	FBE
854+42	5.5	TWO PART EPOXY
854+43	5.5	FBE
854+44	5.5	TWO PART EPOXY
854+45	5.5	FBE
854+46	5.5	TWO PART EPOXY
854+47	5.5	FBE
854+48	5.5	TWO PART EPOXY
854+49	5.5	FBE
854+50	5.5	TWO PART EPOXY
854+51	5.5	FBE
854+52	5.5	TWO PART EPOXY
854+53	5.5	FBE
854+54	5.5	TWO PART EPOXY
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854+70	5.5	TWO PART EPOXY
854+71	5.5	FBE
854+72	5.5	TWO PART EPOXY
854+73	5.5	FBE
854+74	5.5	TWO PART EPOXY
854+75	5.5	FBE
854+76	5.5	TWO PART EPOXY
854+77	5.5	FBE
854+78	5.5	TWO PART EPOXY
854+79	5.5	FBE
854+80	5.5	TWO PART EPOXY
854+81	5.5	FBE
854+82	5.5	TWO PART EPOXY
854+83	5.5	FBE
854+84	5.5	TWO PART EPOXY
854+85	5.5	FBE
854+86	5.5	TWO PART EPOXY
854+87	5.5	FBE
854+88	5.5	TWO PART EPOXY
854+89	5.5	FBE
854+90	5.5	TWO PART EPOXY
854+91	5.5	FBE
854+92	5.5	TWO PART EPOXY
854+93	5.5	FBE
854+94	5.5	TWO PART EPOXY
854+95	5.5	FBE
854+96	5.5	TWO PART EPOXY
854+97	5.5	FBE
854+98	5.5	TWO PART EPOXY
854+99	5.5	FBE
855+00	5.5	TWO PART EPOXY

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

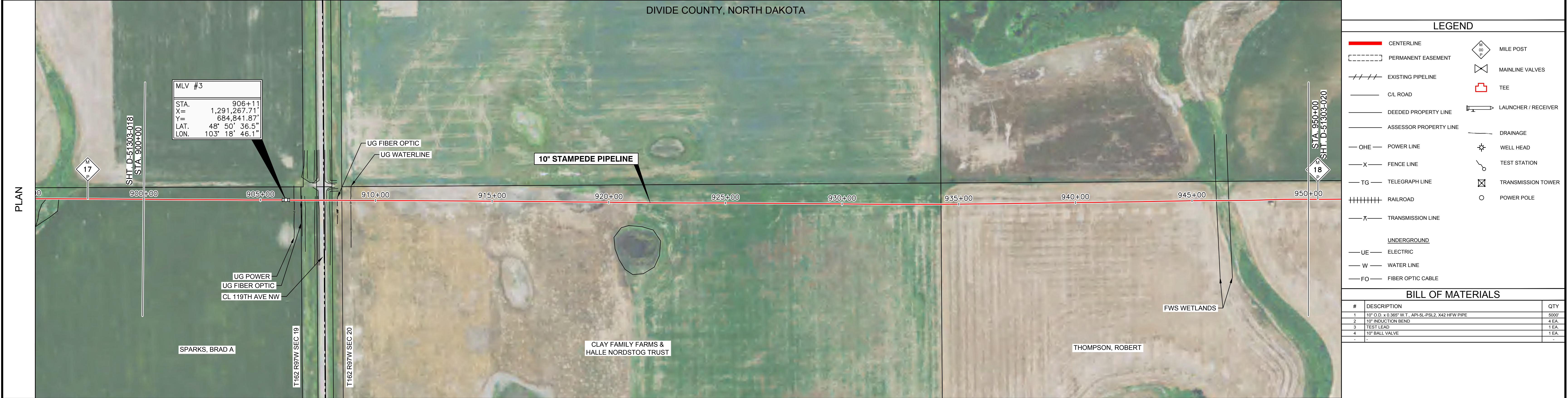
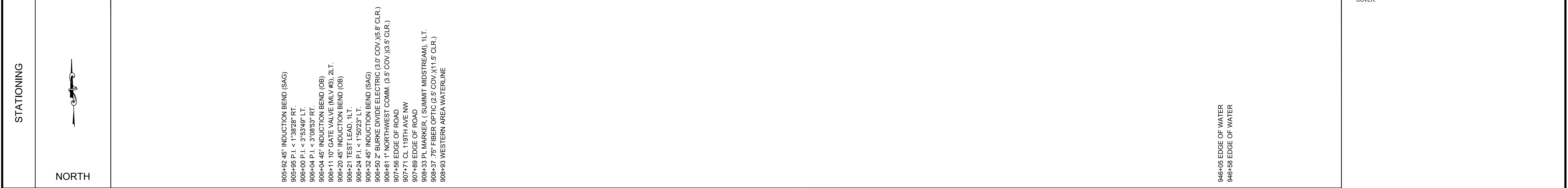
**811 Know what's Below. Call before you dig.**

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 16 TO MP 17  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. D-51303-018 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	900+00	18000031810000	SPARKS BRAD	41 RODS	906+81	UNKNOWN	4 RODS	907+48	18000031810000	SPARKS BRAD	2 RODS	907+81	18000031840000	CLAY FAMILY FARMS LLLP	2 RODS	908+14	UNKNOWN	3 RODS	908+56	18000031840000	CLAY FAMILY FARMS LLLP	156 RODS	934+24	18000031850000	THOMPSON ROBERT	96 RODS	950+00
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**NOTES**  
 1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.  
 2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPFW PIPE	5000'
2	10" INDUCTION BEND	4 EA.
3	TEST LEAD	1 EA.
4	10" BALL VALVE	1 EA.
-	-	-

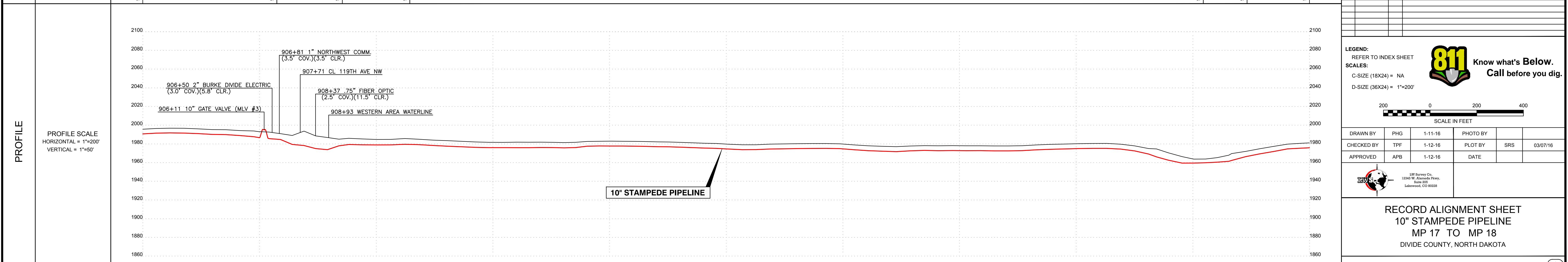
**PIPE DETAIL**

MATERIAL	COVER	COATING
FBE	6	FBE
TWO PART EPOXY	5.5	FBE/ARO
FBE/ARO	6	FBE

5000'

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET

**SCALE:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

200 0 200 400  
 SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

Know what's Below. Call before you dig.

LWS Survey Co.  
 12045 W. Alameda Pkwy,  
 Suite 100  
 Lakewood, CO 80226

**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 17 TO MP 18  
 DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. D-51303-019

1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	1800003185000 THOMPSON ROBERT 65 RODS	1800003187000 HASS CAMILLE B LIFE ESTATE & 180 RODS	1800003186000 WENSTAD ALAN & KIMBERLY 17 RODS	1800003188000 WENSTAD ALAN & KIMBERLY 61 RODS
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- NOTES**
- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
  - UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

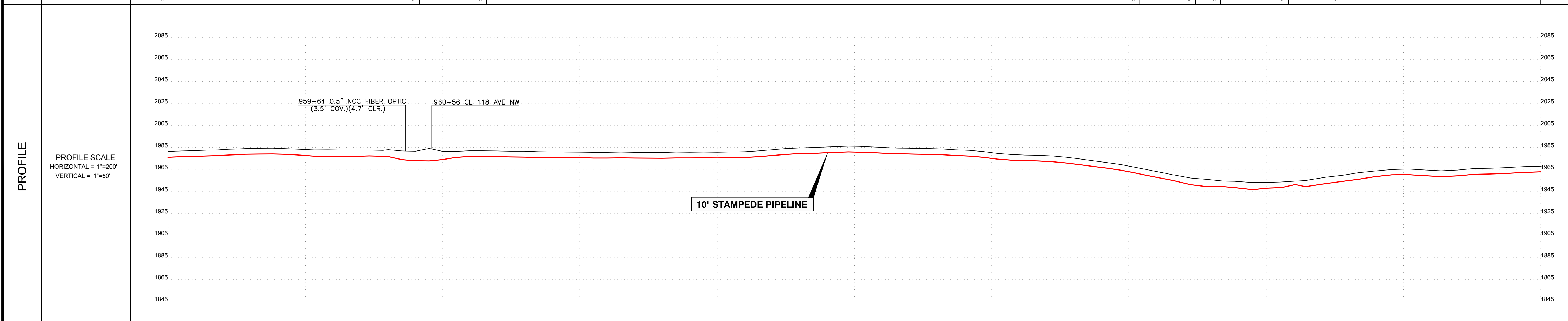
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	2 EA
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
950+00	5.5	FBE
950+04	5	FBE
951+24	5	FBE
951+84	5.5	FBE
952+45	5	FBE
952+79	5.5	FBE
955+00	5	FBE
956+00	5.5	FBE
957+00	6	FBE
958+00	5.5	FBE
958+50	6	FBE/ARO
959+00	8	FBE/ARO
960+50	8.5	FBE/ARO
961+00	11.2	FBE/ARO
961+45	7.5	FBE/ARO
961+95	5.5	FBE/ARO
964+00	5	FBE
964+45	5.5	FBE
967+47	5	FBE
967+85	5.5	FBE
968+45	5	FBE
968+58	5.5	FBE
969+45	5	FBE
969+88	5.5	FBE
970+49	5	FBE
970+88	5.5	FBE
971+49	5	FBE
971+89	5.5	FBE
972+50	5	FBE
973+00	5.5	FBE
973+50	5	FBE
974+00	5.5	FBE
974+50	5	FBE
975+01	5.5	FBE
976+16	5	FBE
976+55	5.5	FBE
987+00	5.5	TWO PART EPOXY
987+30	5	TWO PART EPOXY
987+64	5	TWO PART EPOXY
988+24	5.5	TWO PART EPOXY
988+84	6	TWO PART EPOXY
989+44	6.5	TWO PART EPOXY
989+84	5	TWO PART EPOXY
990+44	5.5	TWO PART EPOXY
990+47	6.5	TWO PART EPOXY
991+04	5	FBE/ARO
992+05	5	FBE/ARO
992+43	5	FBE/ARO
993+16	5.5	FBE/ARO
993+76	6	FBE/ARO
994+35	5.5	FBE/ARO
994+95	6	FBE/ARO
997+37	5	FBE/ARO
998+17	5	FBE/ARO
998+77	5	FBE/ARO
1000+00	5.5	FBE/ARO

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

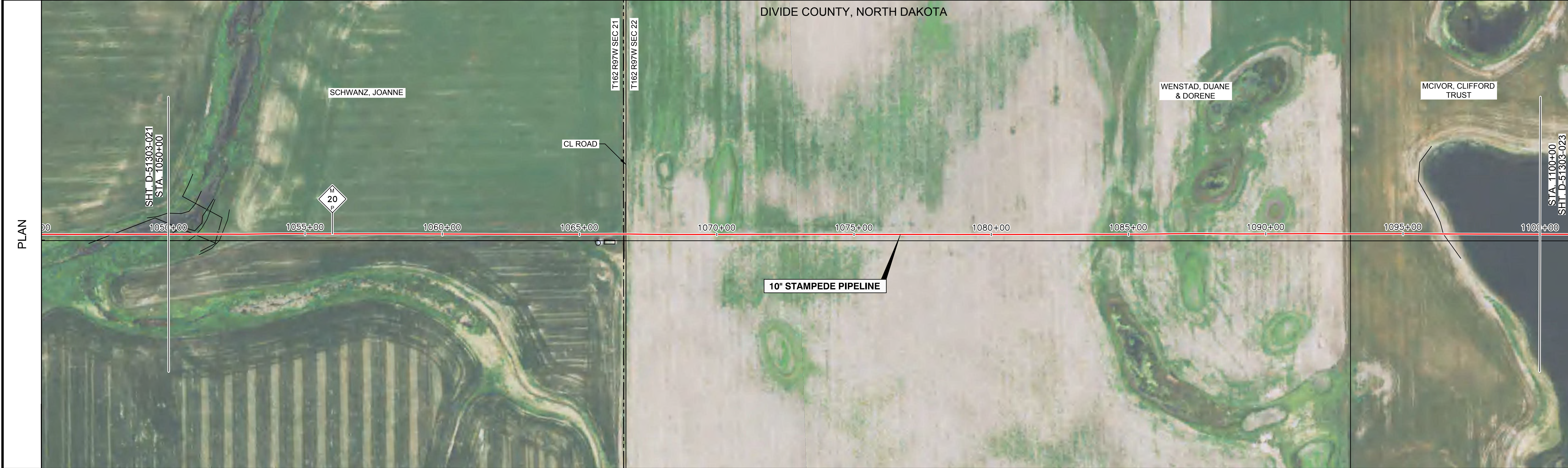
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	



TRACT	TRACT NUMBER OWNER NAME RODDAGE	1050+00	18000031910000 SCHWANZ JOANN 101 RODS	1066+69	18000031950000 WENSTAD DUANE & DORENE 160 RODS	1093+09	18000031970000 MCIVOR CLIFF TRUST 42 RODS	1100+00
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**NOTES**  
 1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.  
 2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

CENTERLINE	MILE POST
PERMANENT EASEMENT	MAINLINE VALVES
EXISTING PIPELINE	TEE
C/L ROAD	LAUNCHER / RECEIVER
DEEDED PROPERTY LINE	DRAINAGE
ASSESSOR PROPERTY LINE	WELL HEAD
OHE POWER LINE	TEST STATION
FENCE LINE	TRANSMISSION TOWER
TELEGRAPH LINE	POWER POLE
RAILROAD	
TRANSMISSION LINE	
<b>UNDERGROUND</b>	
ELECTRIC	
WATER LINE	
FIBER OPTIC CABLE	

**BILL OF MATERIALS**

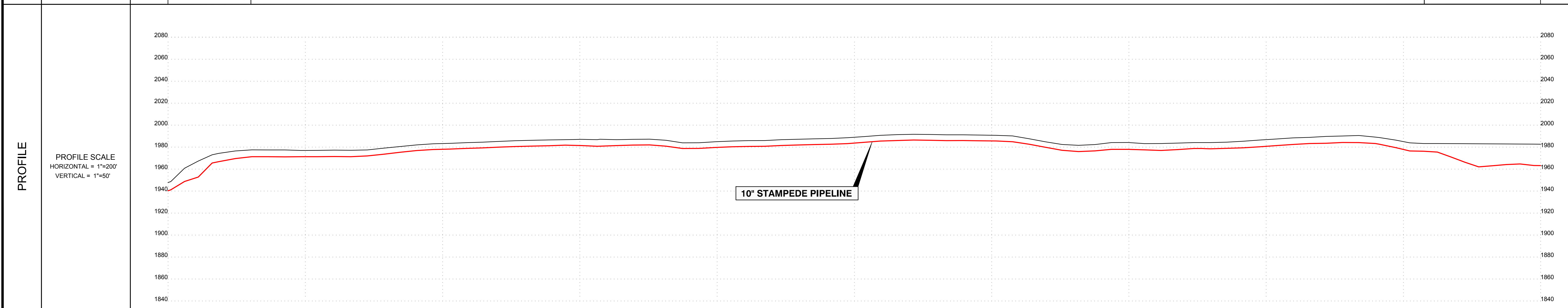
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API 5L PSL2, X42 HFW PIPE	5000'
-	-	-
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1050+00	1050+00	1050+00
1050+15	7.5	FBE/ARO
1050+65	7	
1051+11	8	
1051+62	7.5	
1052+12	12	
1052+64	14.5	
1053+49	7.5	
1054+09	7	
1055+28	6	
1055+89	6.5	
1056+49	5.5	
1058+28	6	
1059+50	5.5	
1063+70	5.5	
1065+51	5	
1066+11	5	
1066+77	5.5	
1067+38	6	
1067+98	5.5	
1069+18	5	
1069+78	5.5	
1072+18	5	
1072+78	5.5	
1073+38	5	
1073+99	5.5	
1075+79	5	
1076+39	5.5	
1077+59	5	
1078+19	5.5	
1078+80	5	
1080+00	5.5	
1081+80	5	
1082+40	5.5	
1083+61	5	
1085+41	5.5	
1086+61	6	
1087+21	5.5	
1087+81	6.5	
1088+41	6	
1090+22	5.5	
1092+62	5.5	
1093+22	5.5	
1094+42	6	
1095+02	6.5	
1095+77	6	
1096+28	7	
1096+78	7.5	
1097+28	7	
1097+79	8	
1098+29	12	
1098+79	17	
1099+30	21	
1099+80	20	
1100+00	18	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET

**SCALES:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

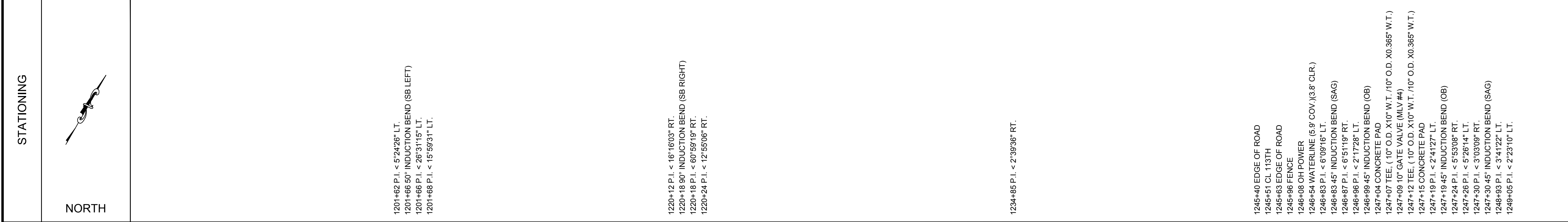
LWS Survey Co.  
 12345 W. Alameda Pkwy,  
 Suite 100  
 Lakewood, CO 80228

**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 20 TO MP 21  
 DIVIDE COUNTY, NORTH DAKOTA





TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	1200+00	1200+50	1200+100	1200+150	1200+200	1200+250	1200+300	1200+350	1200+400
	0400003026002	BUMMER LIVING TRUST	3 RODS									
	0400003026001	BUMMER LANDY & DIANE	45 RODS									
	0400003026000	BUMMER LANDY & DIANE	228 RODS									
	0400003034002	SMITHBERG DAVID	26 RODS									



**NOTES**

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2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

—●—	CENTERLINE	◇	MILE POST
- - - - -	PERMANENT EASEMENT	⊗	MAINLINE VALVES
///	EXISTING PIPELINE	⊕	TEE
—	C/L ROAD	→	LAUNCHER / RECEIVER
—	DEEDED PROPERTY LINE	—	DRAINAGE
—	ASSESSOR PROPERTY LINE	—	WELL HEAD
—O—	OHE POWER LINE	—	TEST STATION
—X—	FENCE LINE	⊠	TRANSMISSION TOWER
—TG—	TELEGRAPH LINE	○	POWER POLE
	RAILROAD		
—	TRANSMISSION LINE		
—	UNDERGROUND		
—UE—	ELECTRIC		
—W—	WATER LINE		
—FO—	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

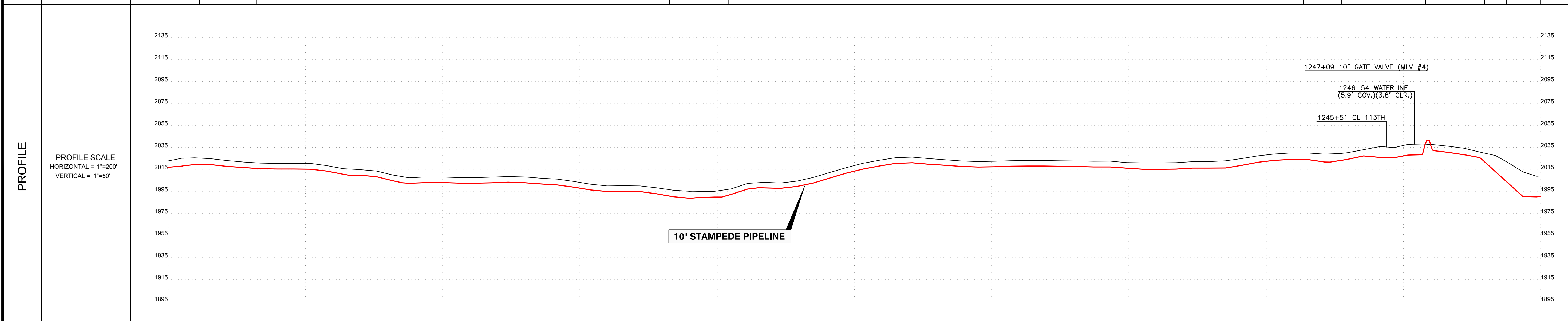
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, 4X2 HPW PIPE	5000'
2	10" INDUCTION BEND	6 EA
4	10" BALL VALVE	1 EA
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING	STATION
FBE	5	TWO PART EPOXY	1200+00
FBE	5.5	TWO PART EPOXY	1201+02
FBE	5.5	TWO PART EPOXY	1201+62
FBE	7	TWO PART EPOXY	1201+66
FBE	6	TWO PART EPOXY	1202+09
FBE	5.5	TWO PART EPOXY	1202+89
FBE	5.5	TWO PART EPOXY	1203+89
FBE	5	TWO PART EPOXY	1206+30
FBE	5.5	TWO PART EPOXY	1206+90
FBE	5	TWO PART EPOXY	1214+11
FBE	5.5	TWO PART EPOXY	1214+71
FBE	5	TWO PART EPOXY	1215+31
FBE	5.5	TWO PART EPOXY	1215+91
FBE	5	TWO PART EPOXY	1218+92
FBE	5.5	TWO PART EPOXY	1219+52
FBE	6	TWO PART EPOXY	1220+12
FBE	6.5	TWO PART EPOXY	1220+24
FBE	6	TWO PART EPOXY	1220+43
FBE	5.5	TWO PART EPOXY	1221+03
FBE	5	TWO PART EPOXY	1228+44
FBE	5.5	TWO PART EPOXY	1227+04
FBE	5.5	TWO PART EPOXY	1235+45
FBE	5.5	TWO PART EPOXY	1236+05
FBE	5	TWO PART EPOXY	1238+65
FBE	6	TWO PART EPOXY	1239+66
FBE	6.5	TWO PART EPOXY	1240+26
FBE	6	TWO PART EPOXY	1241+46
FBE	5.5	TWO PART EPOXY	1242+06
FBE	6	TWO PART EPOXY	1243+26
FBE	7	TWO PART EPOXY	1243+86
FBE	6.5	TWO PART EPOXY	1244+09
FBE	6	TWO PART EPOXY	1244+69
FBE	5.5	TWO PART EPOXY	1245+30
FBE	5	TWO PART EPOXY	1245+90
FBE	9	TWO PART EPOXY	1246+30
FBE	5.5	TWO PART EPOXY	1246+87
FBE	5.5	TWO PART EPOXY	1246+87
FBE	7	TWO PART EPOXY	1246+87
FBE	2.5	TWO PART EPOXY	1247+24
FBE	5.5	TWO PART EPOXY	1247+34
FBE	5.5	TWO PART EPOXY	1248+45
FBE	6	TWO PART EPOXY	1248+45
FBE	5.5	TWO PART EPOXY	1249+11
FBE	5.5	TWO PART EPOXY	1249+11
FBE	6	TWO PART EPOXY	1249+61
FBE	6	TWO PART EPOXY	1250+00

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET

**SCALES:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

200 0 200 400  
 SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**811 Know what's Below. Call before you dig.**

LLW Survey Co.  
 12345 W. Alameda Pkwy,  
 Suite 200  
 Lakewood, CO 80226

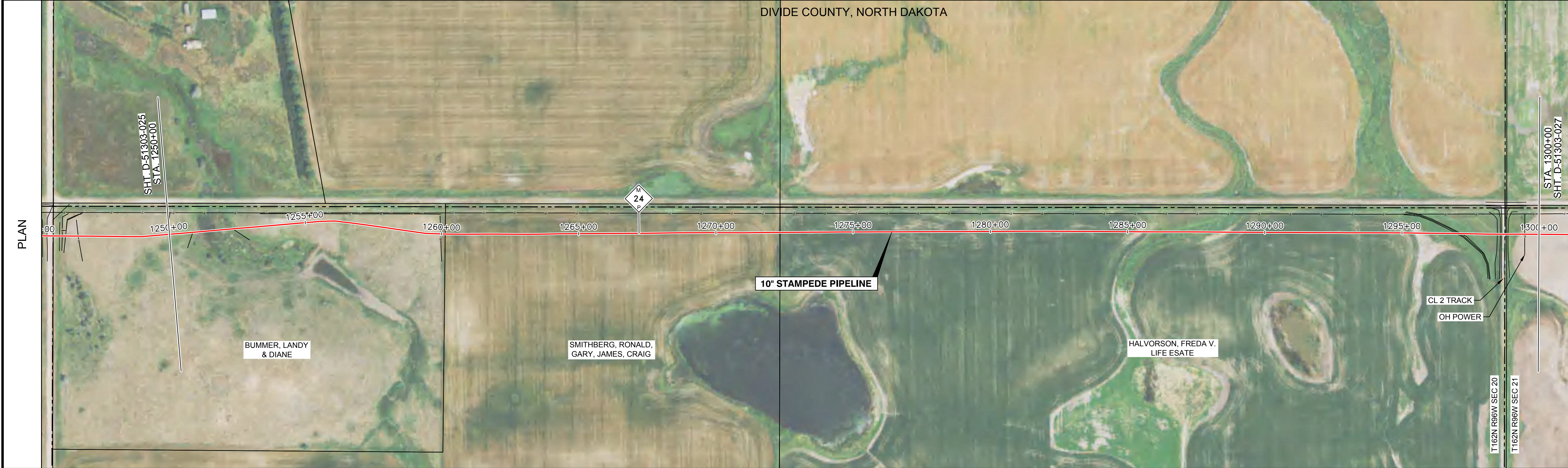
**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 23 TO MP 24  
 DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. D-51303-025 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	1250+00	1260+14	1272+33	1280+00	1290+00	1298+192	1300+00
	0400003034002	SMITHBERG DAVID	61 RODS							
	0400003034002	SMITHBERG RONALD & GARY &	74 RODS							
	0400003035000	HALVORSON FRED A V LIFE ESTATE	161 RODS							
	0400003035000	HALVORSON FRED A V LIFE ESTATE	7 RODS							

**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

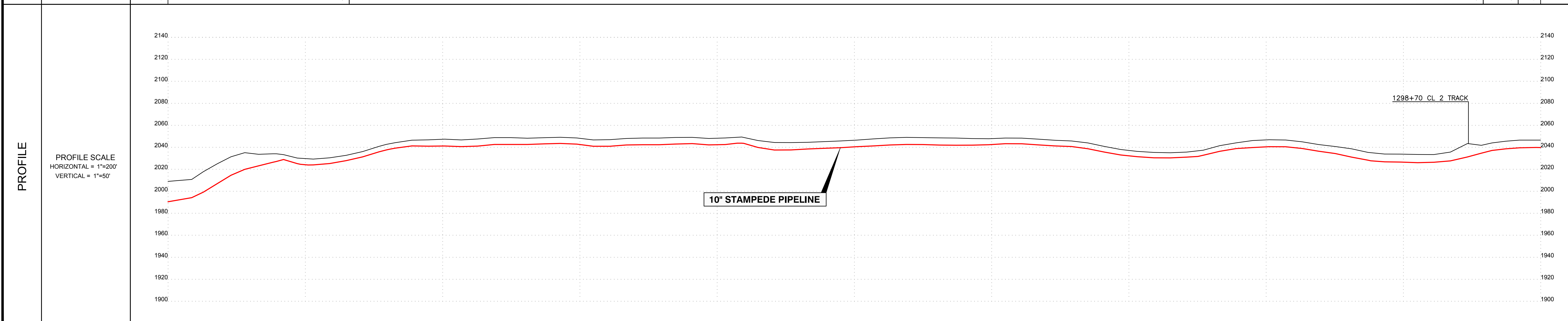
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API 5L PSL 2, X42 HPFW PIPE	5000'
-	-	-
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
	1250+00 14.0	
	1250+64 19.0	
	1251+14 22.0	
	1251+64 19.0	
	1252+15 17.0	
	1252+68 16.5	
	1253+09 18.5	
	1253+69 18.0	
	1254+10 17.0	
	1254+60 16.0	
	1255+12 10.5	
	1255+25 7.5	
	1255+51 7.0	
	1256+01 4.5	
	1256+60 5.0	
	1257+20 5.5	
	5.0	
	1258+79 5.5	
	1261+39 5.5	
	6.0	
	1262+60 6.0	
	1263+20 6.5	
	6.0	
	1264+40 6.0	
	5.5	
	1267+40 6.0	
	1270+41 5.5	
	1271+01 5.5	
	6.0	
	1272+21 6.0	
	1272+80 5.5	
	1273+40 6.5	
	1274+00 7.0	
	1274+60 6.5	
	6.0	
	1277+01 6.5	
	6.5	
	1280+61 6.0	
	1281+22 6.0	
	1281+82 5.5	
	5.0	
	1284+62 5.5	
	1285+42 5.5	
	5.0	
	1287+83 4.5	
	1288+63 5.0	
	1290+83 6.5	
	1292+03 6.0	
	1293+64 6.5	
	1294+44 6.5	
	1295+04 7.5	
	1296+24 7.0	
	1297+44 7.5	
	1298+04 7.0	
	1298+66 8.0	
	1299+16 12.0	
	1300+00 7.0	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEPE PIPELINE  
MP 24 TO MP 25  
DIVIDE COUNTY, NORTH DAKOTA

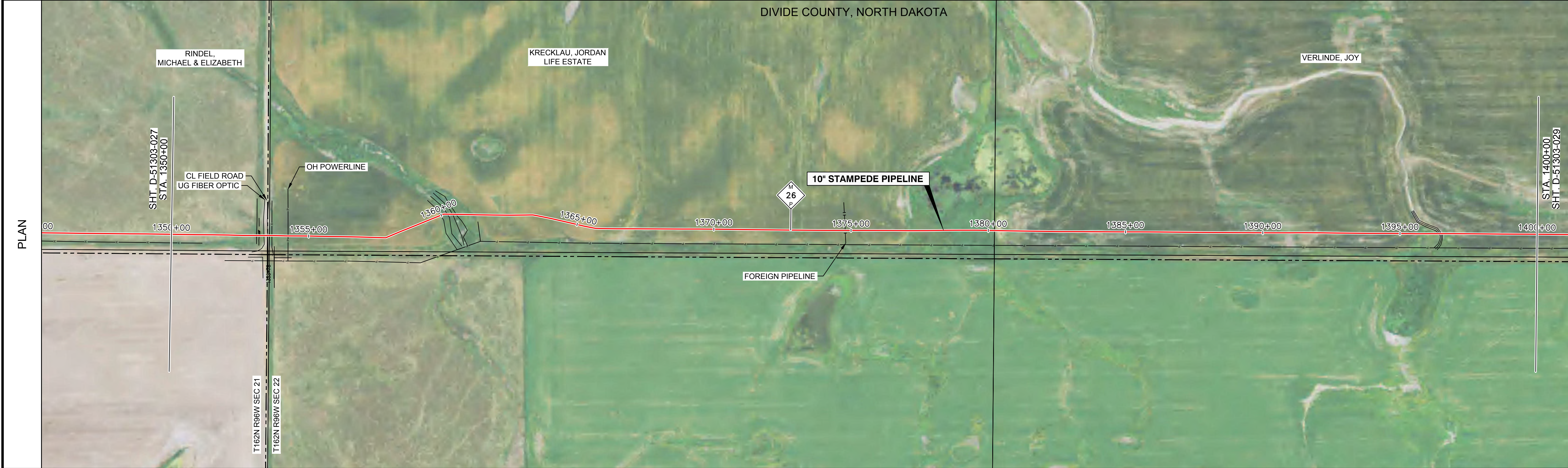
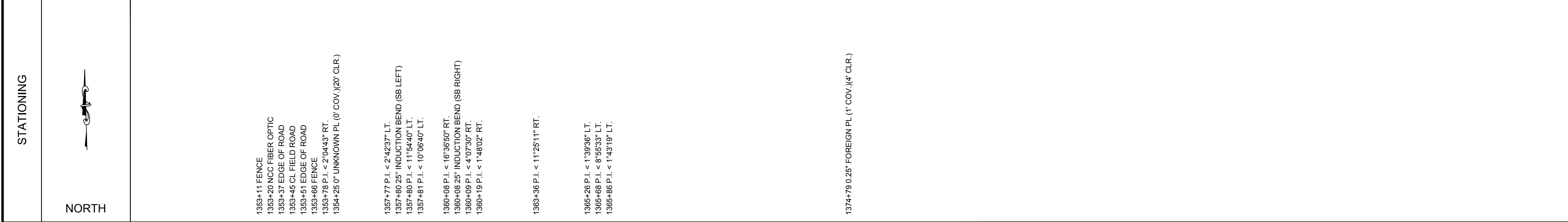
DWG. NO. D-51303-026 1 REV



TRACT	TRACT NUMBER OWNER NAME RODDAGE	1350+00 RINDEL, MICHAEL R & ELIZABETH 22 RODS	1353+57 KRECKLAU, JORDAN LIFE ESTATE 162 RODS	1380+23 VERLINDE, JOY 120 RODS	1400+00
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**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

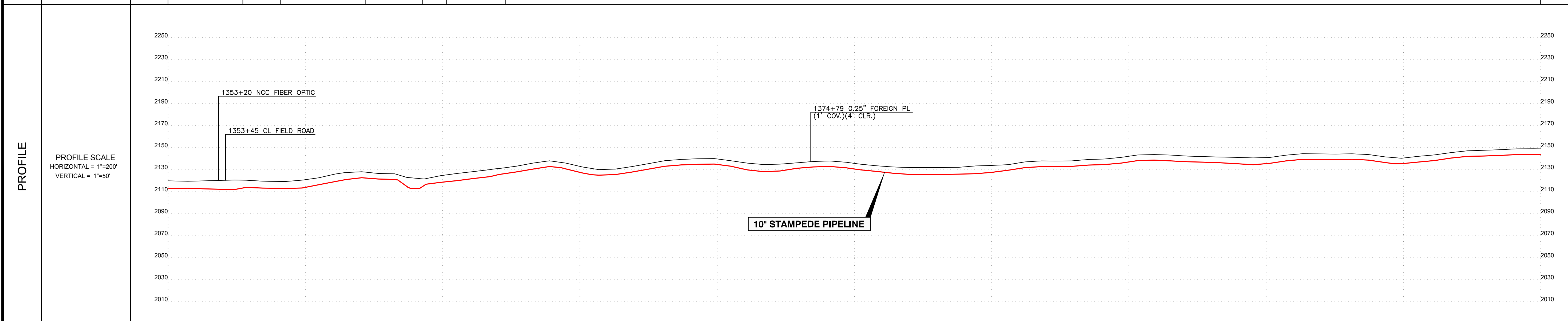
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, 442 HFW PIPE	5000'
2	10" INDUCTION BEND	2 EA
.	.	.
.	.	.

**PIPE DETAIL**

MATERIAL	COVER	COATING
1350+00	5.5	FBE
1350+28	5.5	FBE/ARO
1350+88	5.5	FBE
1351+48	7	TWO PART EPOXY
1352+08	7	TWO PART EPOXY
1352+59	6.5	FBE
1353+27	7	TWO PART EPOXY
1353+78	8	FBE
1354+20	8.5	TWO PART EPOXY
1355+04	6.5	FBE
1355+64	6	TWO PART EPOXY
1356+24	6.5	FBE
1356+84	7	TWO PART EPOXY
1357+44	6.5	FBE
1357+77	7	TWO PART EPOXY
1357+80	6.5	FBE
1358+41	5.5	TWO PART EPOXY
1359+01	5.5	FBE
1360+06	6	TWO PART EPOXY
1360+09	6	FBE
1361+49	6	TWO PART EPOXY
1362+26	6.5	FBE
1363+51	6	TWO PART EPOXY
1364+06	5.5	FBE
1364+66	5	TWO PART EPOXY
1365+26	5.5	FBE
1365+86	5	TWO PART EPOXY
1367+06	5.5	FBE
1372+47	6	TWO PART EPOXY
1373+07	6	FBE
1373+67	6.5	TWO PART EPOXY
1374+27	6	FBE
1377+78	5.5	TWO PART EPOXY
1378+38	5.5	FBE
1378+98	6	TWO PART EPOXY
1379+58	6.5	FBE
1380+19	6	TWO PART EPOXY
1381+29	7	FBE
1381+89	6.5	TWO PART EPOXY
1387+90	5.5	FBE
1388+50	5.5	TWO PART EPOXY
1390+30	5	FBE
1390+91	5.5	TWO PART EPOXY
1391+51	6	FBE
1392+11	5.5	TWO PART EPOXY
1400+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

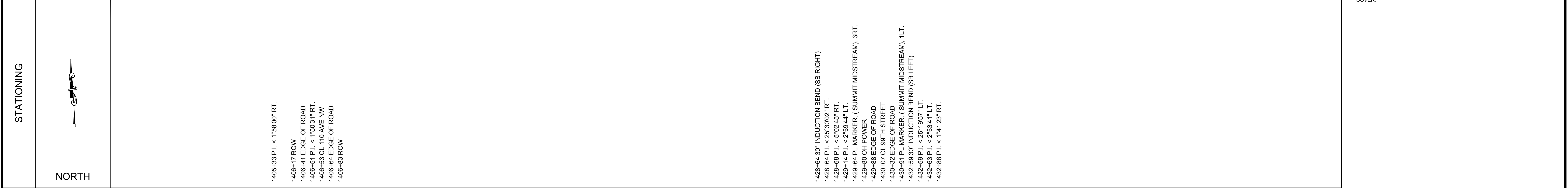
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY		
CHECKED BY	TPF	1-12-16	PLOT BY	SRS	03/07/16
APPROVED	APB	1-12-16	DATE		

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 26 TO MP 27  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-028** 1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	1400+00 VERLINDE JOY 40 RODS	1406+64 VERLINDE JOY 146 RODS	1430+78 VERLINDE JOY 17 RODS	1433+51 VERLINDE JOY 100 RODS	1450+00
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**NOTES**  
 1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.  
 2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

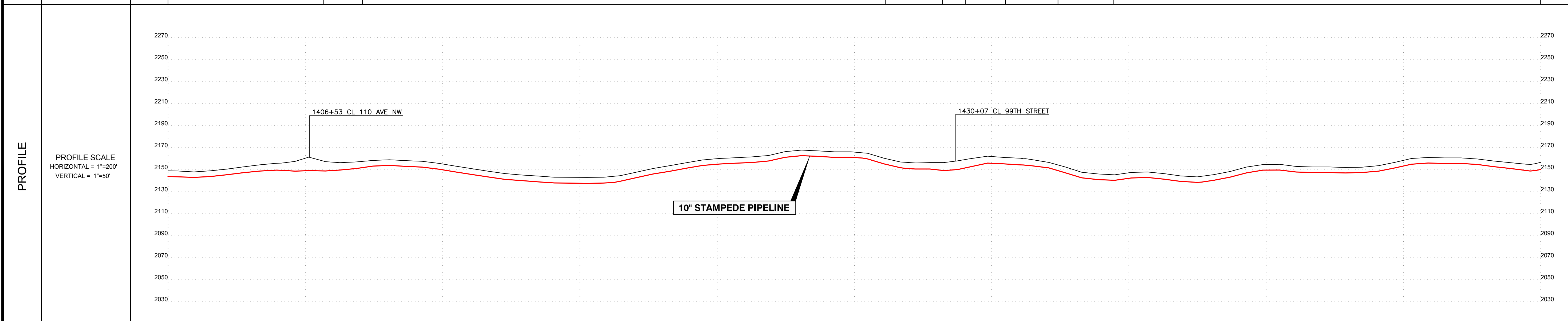
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	2 EA
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1400+00	5	FBE
1401+72	5.5	FBE/ARO
1402+32	5.5	FBE/ARO
1404+13	5	FBE/ARO
1405+33	5.5	FBE/ARO
1405+52	6	FBE/ARO
1406+51	6.5	FBE/ARO
1406+51	9	FBE/ARO
1407+12	12	FBE/ARO
1407+64	8.5	FBE/ARO
1408+25	6.5	FBE/ARO
1408+84	6	FBE/ARO
1410+85	5	FBE
1413+05	5.5	FBE
1413+85	5	FBE
1414+25	5.5	FBE
1414+85	5	FBE
1415+46	5.5	FBE
1416+06	5	FBE
1417+86	5.5	FBE
1428+61	5.5	TWO PART EPOXY
1428+61	5.5	TWO PART EPOXY
1428+61	5.5	TWO PART EPOXY
1429+14	6	FBE/ARO
1429+15	7	FBE/ARO
1430+58	8	FBE/ARO
1431+25	7.5	FBE
1431+85	6.5	FBE
1432+46	6	TWO PART EPOXY
1432+46	5.5	TWO PART EPOXY
1432+48	5.5	TWO PART EPOXY
1433+08	5	FBE
1434+88	5.5	FBE
1440+69	5	FBE
1441+29	5.5	FBE
1450+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-18	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET  
**SCALES:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

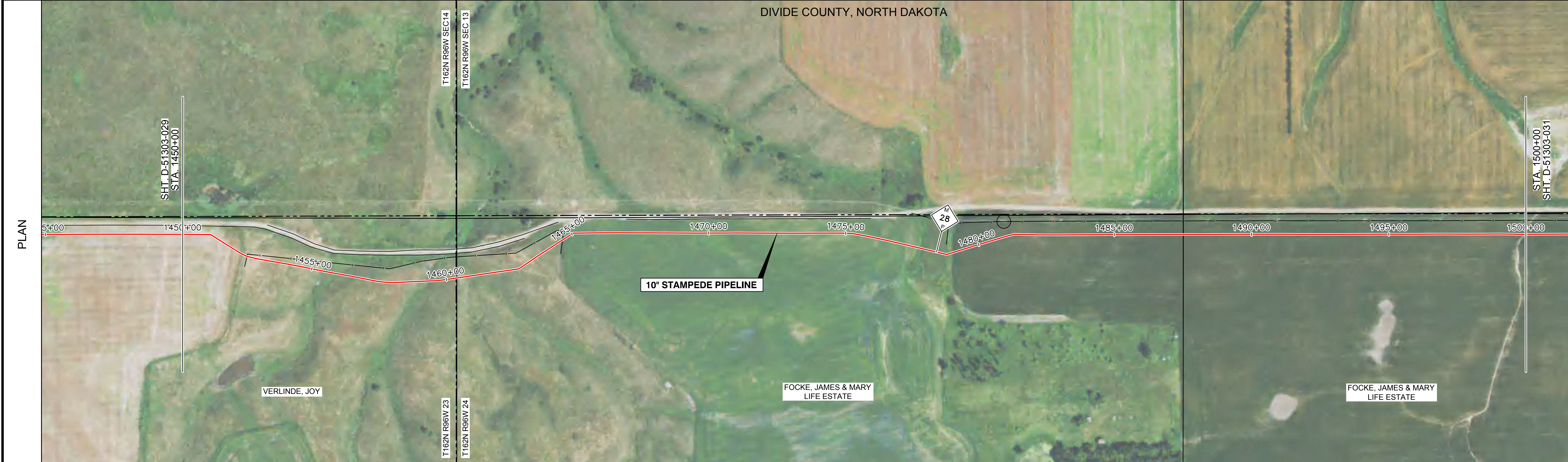
DRAWN BY	PHG	1-11-18	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16

**811 Survey Co.**  
 12345 W. Alameda Pkwy,  
 Suite 200  
 Lakewood, CO 80226

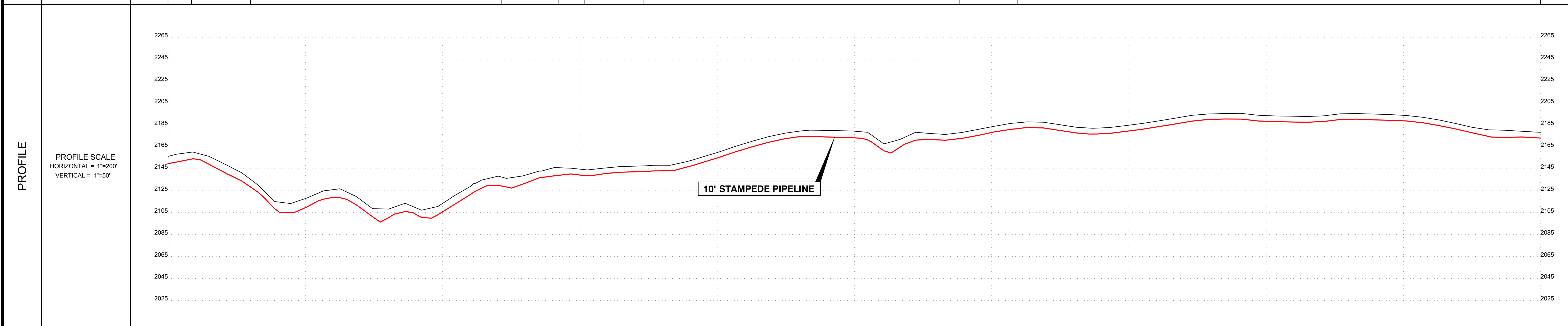
**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 27 TO MP 27  
 DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-029** 1 REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	1450+00	1460+00	1470+00	1480+00	1490+00	1500+00
	040003045000 VERLINDE JOY 63 RODS						
	040003050000 FOCKE JAMES & MARY LIFE EST 164 RODS						
	040003061000 FOCKE JAMES & MARY LIFE EST 76 RODS						



PIPE DETAIL	MATERIAL	COVER	COATING
1450+00	FBE	6	TWO PART EPOXY
1450+31	FBE	5.5	TWO PART EPOXY
1450+48	FBE	6	TWO PART EPOXY
1451+02	FBE	6	TWO PART EPOXY
1451+71	FBE	7	TWO PART EPOXY
1452+31	FBE	6	TWO PART EPOXY
1452+91	FBE	7	TWO PART EPOXY
1453+51	FBE	8	TWO PART EPOXY
1454+11	FBE	8	TWO PART EPOXY
1454+72	FBE	7.5	TWO PART EPOXY
1455+32	FBE	6.5	TWO PART EPOXY
1455+92	FBE	6	TWO PART EPOXY
1457+12	FBE	8	TWO PART EPOXY
1457+72	FBE	7.5	TWO PART EPOXY
1458+32	FBE	8	TWO PART EPOXY
1459+32	FBE	7.5	TWO PART EPOXY
1460+12	FBE	8	TWO PART EPOXY
1460+72	FBE	7.5	TWO PART EPOXY
1461+32	FBE	6.5	TWO PART EPOXY
1461+92	FBE	7.5	TWO PART EPOXY
1462+52	FBE	8	TWO PART EPOXY
1462+68	FBE	7.5	TWO PART EPOXY
1462+70	FBE	8	TWO PART EPOXY
1462+93	FBE	7	TWO PART EPOXY
1463+54	FBE	7.5	TWO PART EPOXY
1463+84	FBE	8.5	TWO PART EPOXY
1464+43	FBE	8	TWO PART EPOXY
1465+03	FBE	7.5	TWO PART EPOXY
1465+59	FBE	6	TWO PART EPOXY
1466+19	FBE	7.5	TWO PART EPOXY
1474+91	FBE	5.5	TWO PART EPOXY
1475+51	FBE	6	TWO PART EPOXY
1477+01	FBE	7	TWO PART EPOXY
1477+61	FBE	7	TWO PART EPOXY
1478+21	FBE	6.5	TWO PART EPOXY
1478+75	FBE	7	TWO PART EPOXY
1479+26	FBE	5.5	TWO PART EPOXY
1481+63	FBE	5.5	TWO PART EPOXY
1482+24	FBE	5	TWO PART EPOXY
1482+84	FBE	5.5	TWO PART EPOXY
1485+84	FBE	5	TWO PART EPOXY
1487+64	FBE	5.5	TWO PART EPOXY
1488+24	FBE	5	TWO PART EPOXY
1489+45	FBE	5.5	TWO PART EPOXY
1492+45	FBE	5	TWO PART EPOXY
1493+05	FBE	5.5	TWO PART EPOXY
1495+46	FBE	5	TWO PART EPOXY
1496+06	FBE	5.5	TWO PART EPOXY
1498+67	FBE	5	TWO PART EPOXY
1500+00	FBE	5	TWO PART EPOXY



**NOTES**

1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		

**UNDERGROUND**

	ELECTRIC
	WATER LINE
	FIBER OPTIC CABLE

**BILL OF MATERIALS**

#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	4 EA.
-	-	-
-	-	-
-	-	-

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD

**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

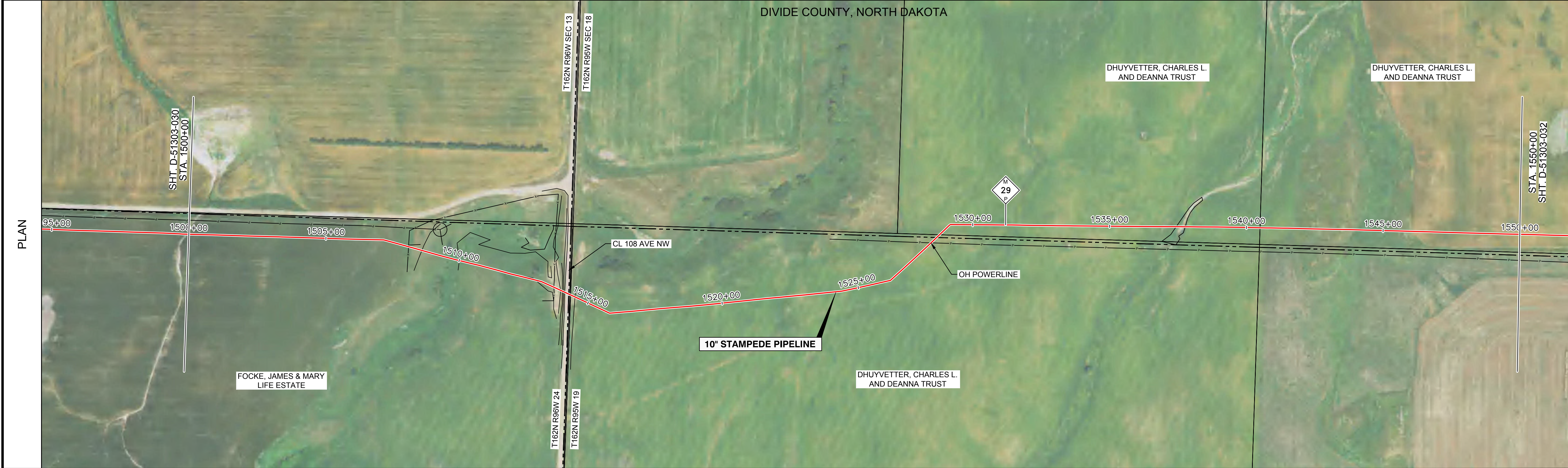
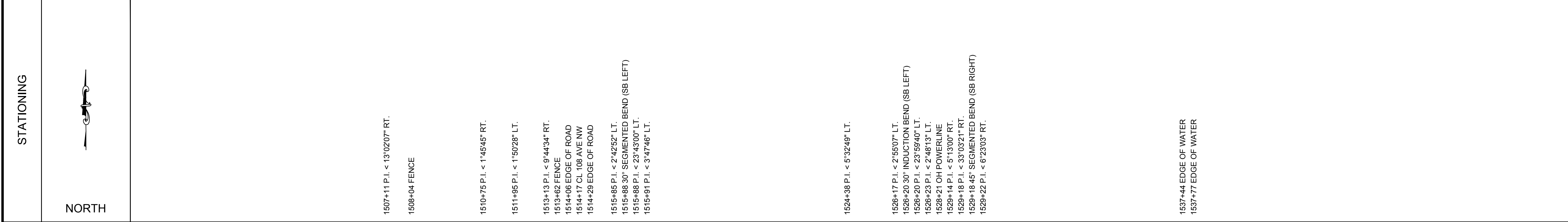
**RECORD ALIGNMENT SHEET**  
10" STAMPEPE PIPELINE  
MP 27 TO MP 28  
DIVIDE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-030** 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	1500+00	1514+30	1528+63	1540+50	1550+00
	080000351000	FOCKE JAMES & MARY LIFE EST	87 RODS					
	0800002865000	DHUYVETTER CHARLES &	87 RODS					
	0800002865000	DHUYVETTER CHARLES &	72 RODS					
	0800002865000	DHUYVETTER CHARLES &	58 RODS					

**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TG TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

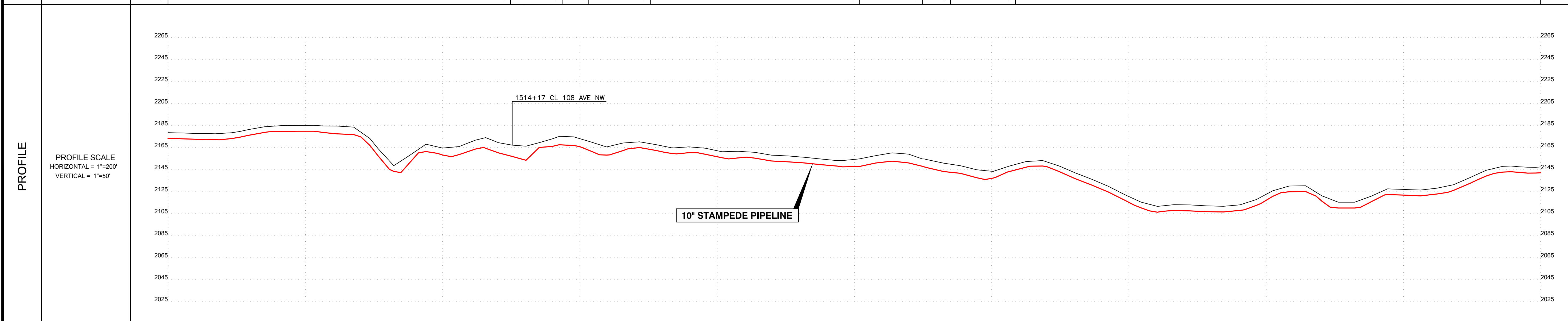
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	10" INDUCTION BEND	3 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1500+00	1500+00	FBE
1500+27	6	
1500+87	6.5	
1502+07	5	
1502+97	5.5	
1503+87	5	
1504+17	5.5	
1505+67	5	
1507+17	5.5	
1507+72	6	
1508+92	7	
1509+82	6.5	
1510+42	5	
1512+22	6.5	
1512+82	7.5	
1513+20	8	
1514+17	9.5	
1514+67	10.5	
1515+17	13	
1515+64	4.5	
1515+85	7	
1516+43	7.5	
1517+03	8	
1517+63	8.5	
1518+23	7.5	
1518+83	7	
1519+43	5	
1520+03	5.5	
1520+63	5	
1522+43	5.5	
1523+04	6	
1524+84	5.5	
1526+17	5	
1526+84	5.5	
1527+44	7	
1528+04	6.5	
1528+64	7.5	
1529+14	8	
1529+22	6.5	
1529+32	7	
1530+52	7.5	
1531+72	7	
1532+32	6	
1534+73	5	
1535+83	5.5	
1537+73	5	
1538+33	5.5	
1538+94	5	
1540+14	5.5	
1541+34	5	
1541+94	5.5	
1543+14	5	
1543+74	5.5	
1544+34	5	
1545+55	5.5	
1547+35	5	
1548+55	5.5	
1550+00	5	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALE:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 28 TO MP 29  
DIVIDE COUNTY, NORTH DAKOTA

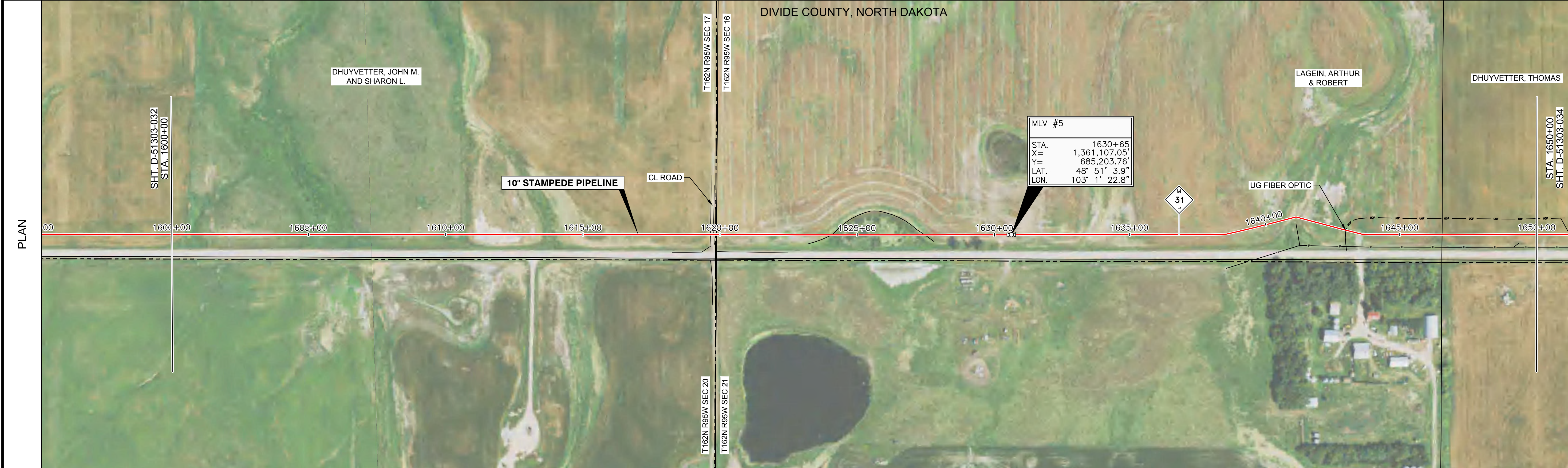
DWG. NO. **D-51303-031** 1 REV



TRACT	TRACT NUMBER	1600+00	1600+00	1600+00	1600+00
	OWNER NAME	LARSEN MARGARET ETAL	LAGEIN ARTHUR &	DHUYVETTER THOMAS	
	RODDAGE	120 RODS	162 RODS	21 RODS	
STATIONING		1610+61 PL MARKER, ( SUMMIT MIDSTREAM), 3RT.			
	NORTH				

**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		

**UNDERGROUND**

	ELECTRIC
	WATER LINE
	FIBER OPTIC CABLE

**BILL OF MATERIALS**

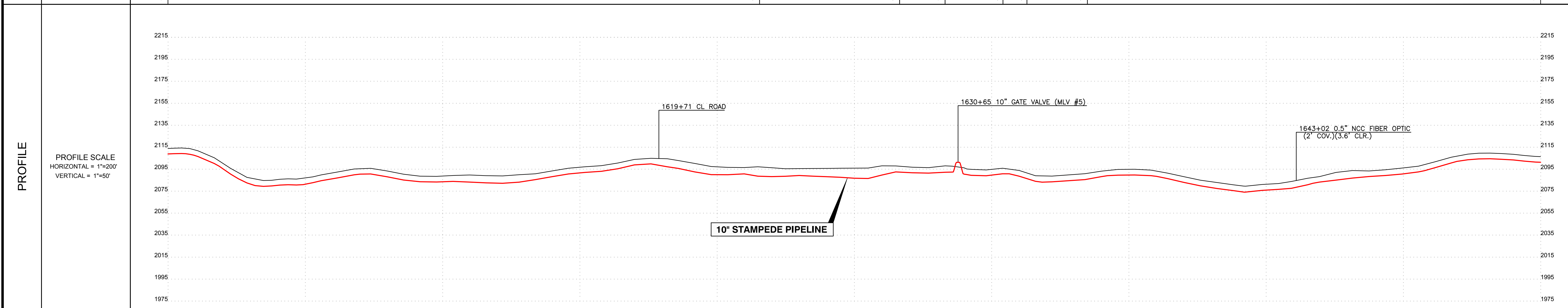
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPW PIPE	5000'
2	10" INDUCTION BEND	5 EA.
3	TEST LEAD	1 EA.
4	10" BALL VALVE	1 EA.
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1600+00	5	FBE
1605+30	5.5	FBE
1605+60	5	FBE
1605+90	5.5	FBE
1609+21	5	FBE
1609+81	5.5	FBE
1611+01	5	FBE
1612+21	5.5	FBE
1612+81	6.5	FBE
1615+21	5	FBE
1615+82	5.5	FBE
1620+02	7	FBE/ARO
1621+02	7.5	FBE/ARO
1622+22	6	FBE/ARO
1623+32	8.5	FBE/ARO
1624+32	8	FBE/ARO
1624+83	7	FBE/ARO
1625+33	6.5	FBE/ARO
1625+83	7	FBE/ARO
1626+84	8	FBE/ARO
1627+34	9	FBE/ARO
1627+83	9.5	FBE/ARO
1628+34	8.5	FBE/ARO
1628+95	5.5	FBE
1630+15	5	TWO PART EPOXY
1630+41	8	FBE
1630+49	5.5	TWO PART EPOXY
1630+53	5	FBE
1630+65	0	TWO PART EPOXY
1630+83	3.5	FBE
1630+91	6	TWO PART EPOXY
1631+17	5	FBE
1632+31	5.5	FBE
1640+13	5	FBE
1642+94	6	FBE
1643+86	5	FBE
1644+47	5	FBE
1645+87	7	FBE
1646+87	5	FBE
1647+47	5.5	FBE
1648+07	5	FBE
1648+67	5.5	FBE
1650+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPP	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**811 Know what's Below. Call before you dig.**

LWS Survey Co.  
10345 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80226

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 30 TO MP 31  
DIVIDE COUNTY, NORTH DAKOTA

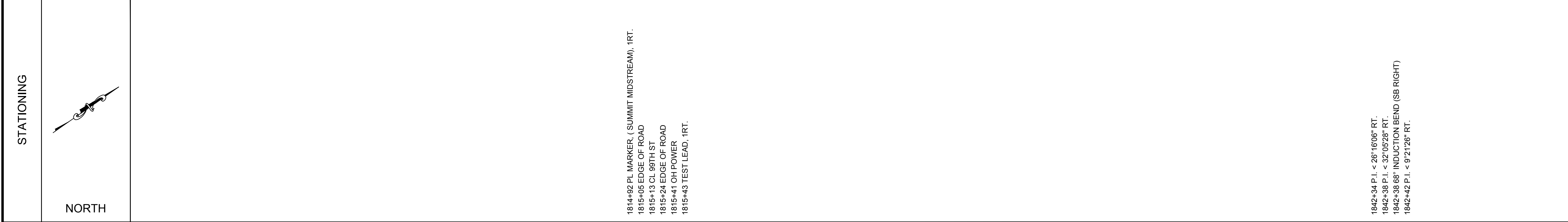
DWG. NO. **D-51303-033** (1) REV.







TRACT	TRACT NUMBER OWNER NAME RODDAGE	1800+00	080002848000 BRODAL LYNN & BRODAL JAMES 92 RODS	1815+14	080002845000 BRODAL LYNN & BRODAL JAMES 170 RODS	1843+26	080002847000 WALLIN GORDON & THELMA TRUST 41 RODS	1850+00
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**NOTES**

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2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

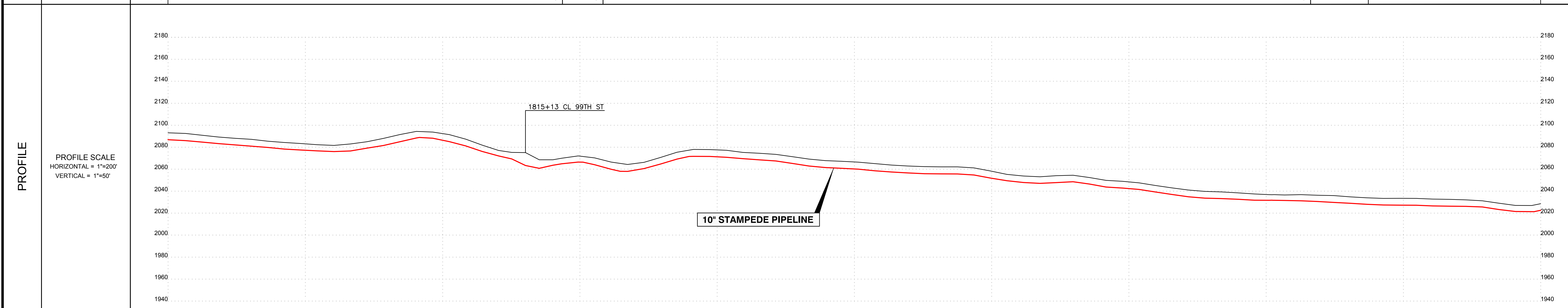
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPFW PIPE	5000'
2	10" INDUCTION BEND	1 EA.
3	TEST LEAD	1 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1800+00	6.5	FBE
1803+34	6	FBE/ARQ14
1805+74	5.5	FBE
1806+34	6	FBE
1807+55	5.5	FBE
1808+75	6.5	FBE
1809+35	6	FBE
1809+95	6.5	FBE
1811+15	6	FBE
1811+75	5.5	FBE
1812+36	6.5	FBE
1812+95	6	FBE
1814+15	5	FBE
1814+63	5.5	FBE
1815+13	6	FBE
1815+64	5	FBE
1816+14	5.5	FBE
1817+66	6	FBE
1817+66	5.5	FBE
1818+26	6	FBE
1819+46	5.5	FBE
1820+06	6	FBE
1821+26	5.5	FBE
1821+86	6	FBE
1822+47	5.5	FBE
1823+07	6	FBE
1823+67	5.5	FBE
1825+47	6	FBE
1832+69	6.5	FBE
1834+49	6	FBE
1835+09	6.5	FBE
1842+24	5.5	TWO PART EPOXY
1842+38	5	TWO PART EPOXY
1843+40	5.5	FBE
1844+60	6	FBE
1850+00	6	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

Know what's Below. Call before you dig.

LWS Survey Co.  
10345 W. Alameda Pkwy,  
Suite 200  
Lakewood, CO 80226

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 34 TO MP 35  
DIVIDE COUNTY, NORTH DAKOTA

TRACT	TRACT NUMBER OWNER NAME RODDAGE	1850+00 WALLIN GORDON & THELMA TRUST 120 RODS	1869+78	1869+00 ALTNER ALLAN 154 RODS	1895+20	1895+00 ALTNER ALLAN 29 RODS	1900+00
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**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

CENTERLINE	MILE POST
PERMANENT EASEMENT	MAINLINE VALVES
EXISTING PIPELINE	TEE
C/L ROAD	LAUNCHER / RECEIVER
DEEDED PROPERTY LINE	DRAINAGE
ASSESSOR PROPERTY LINE	WELL HEAD
OHE POWER LINE	TEST STATION
FENCE LINE	TRANSMISSION TOWER
TG TELEGRAPH LINE	POWER POLE
RAILROAD	
TRANSMISSION LINE	
<b>UNDERGROUND</b>	
UE ELECTRIC	
WATER LINE	
FO FIBER OPTIC CABLE	

**BILL OF MATERIALS**

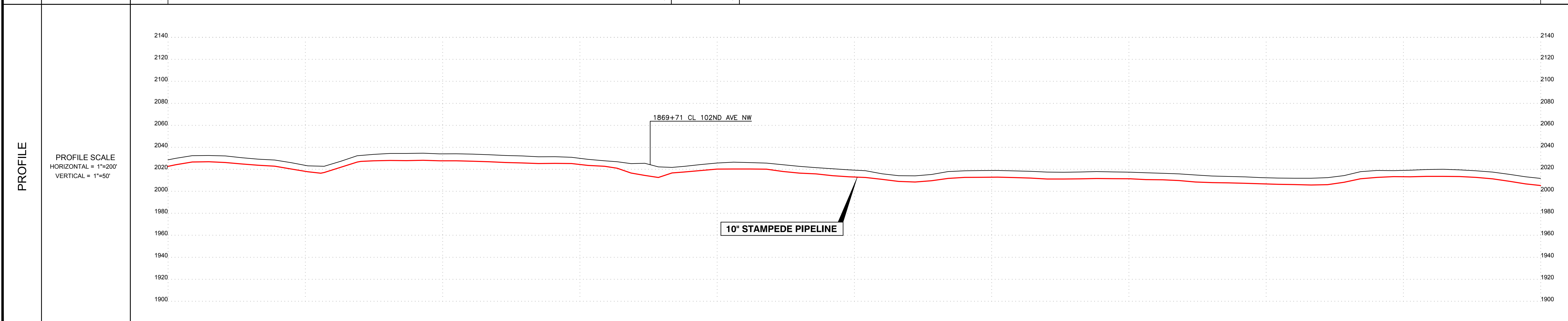
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	TEST LEAD	1 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
FBE	6	FBE/ARO
FBE	6	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

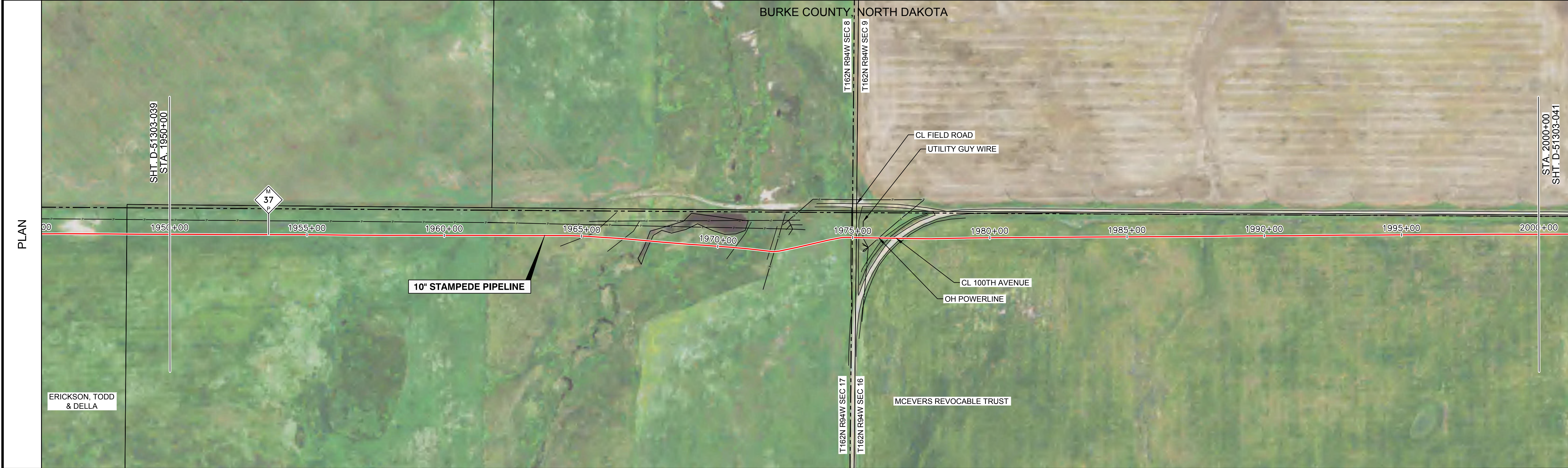
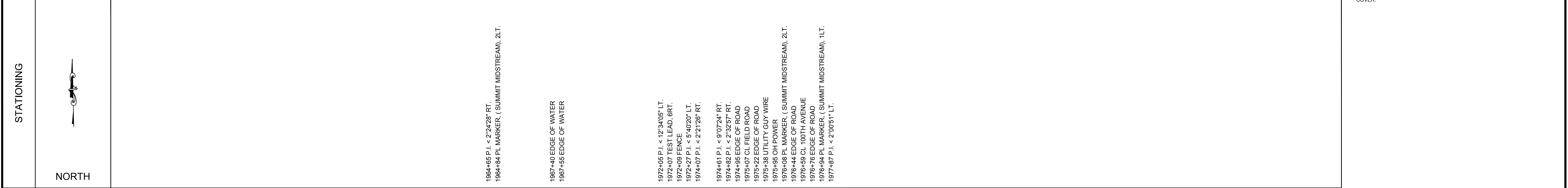
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16



TRACT	TRACT NUMBER	04885000	1975+14	04882000	2000+00
	OWNER NAME	ERICKSON TODD		MCEVERS ALLAN	
	RODDAGE	152 RODS		151 RODS	

- NOTES**
1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
  2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

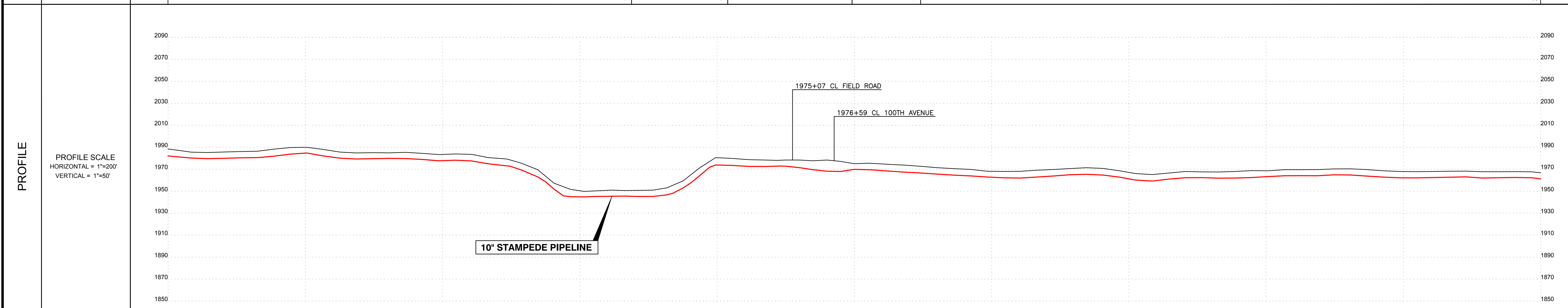
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API 5L PSL2, X42 HFW PIPE	5000'
3	TEST LEAD	1 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
1950+00	5.5	FBE
1951+63	5.5	FBE
1952+53	6.5	FBE
1953+13	6	FBE
1955+53	5.5	FBE
1956+13	6	FBE
1956+73	6.5	FBE
1957+34	6	FBE
1957+94	5	FBE
1958+54	6	FBE
1959+14	5.5	FBE
1960+74	5	FBE
1961+34	5.5	FBE
1961+94	5	FBE
1963+05	6	FBE
1963+65	5.5	FBE
1964+25	5.5	FBE
1964+85	5.5	FBE
1965+45	6	FBE
1966+05	6.5	FBE
1966+65	5.5	FBE
1967+25	6.5	FBE
1967+85	5	FBE
1968+45	5.5	FBE
1968+05	5.5	FBE
1968+65	5	FBE
1969+25	5.5	FBE
1969+85	5.5	FBE
1970+45	6	FBE
1971+05	6.5	FBE
1971+65	7	FBE
1972+25	6.5	FBE
1972+85	6	FBE
1973+45	5.5	FBE
1974+05	5.5	FBE
1974+65	5.5	FBE
1975+25	6	FBE
1975+85	5.5	FBE
1976+45	6	FBE
1977+05	5.5	FBE
1977+65	6	FBE
1978+25	6	FBE
1978+85	6.5	FBE
1979+45	6	FBE
1979+05	6.5	FBE
1980+65	5.5	FBE
1981+25	6	FBE
1981+85	5.5	FBE
1982+45	5.5	FBE
1982+05	6	FBE
1982+65	5.5	FBE
1983+25	6	FBE
1983+85	5.5	FBE
1984+45	5.5	FBE
1984+05	6	FBE
1984+65	5.5	FBE
1985+25	6	FBE
1985+85	5.5	FBE
1986+45	5.5	FBE
1986+05	6	FBE
1986+65	5.5	FBE
1987+25	5.5	FBE
1987+85	5.5	FBE
1988+45	5.5	FBE
1988+05	6	FBE
1988+65	5.5	FBE
1989+25	5.5	FBE
1989+85	5.5	FBE
1990+45	5.5	FBE
1990+05	6	FBE
1990+65	5.5	FBE
1991+25	5.5	FBE
1991+85	6	FBE
1992+45	6.5	FBE
1992+05	5.5	FBE
1992+65	6	FBE
1993+25	5.5	FBE
1993+85	5.5	FBE
1994+45	5.5	FBE
1994+05	6	FBE
1994+65	5.5	FBE
1995+25	5.5	FBE
1995+85	5.5	FBE
1996+45	5.5	FBE
1996+05	6	FBE
1996+65	5.5	FBE
1997+25	5.5	FBE
1997+85	5.5	FBE
1998+45	5.5	FBE
1998+05	6	FBE
1998+65	5.5	FBE
1999+25	5.5	FBE
1999+85	5.5	FBE
2000+00	5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALE:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

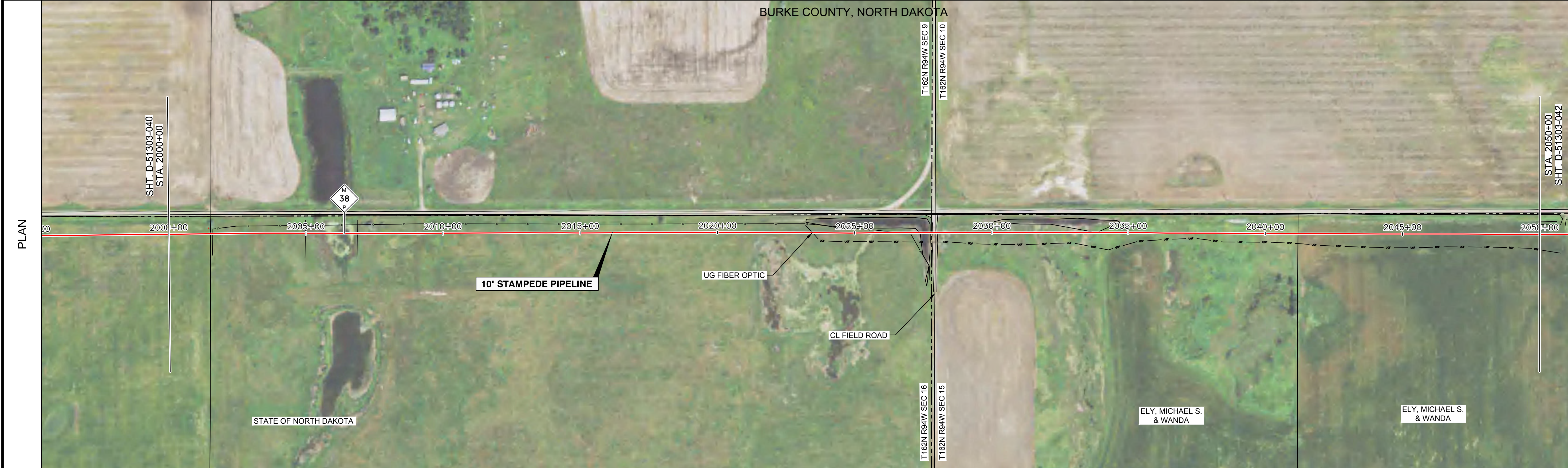
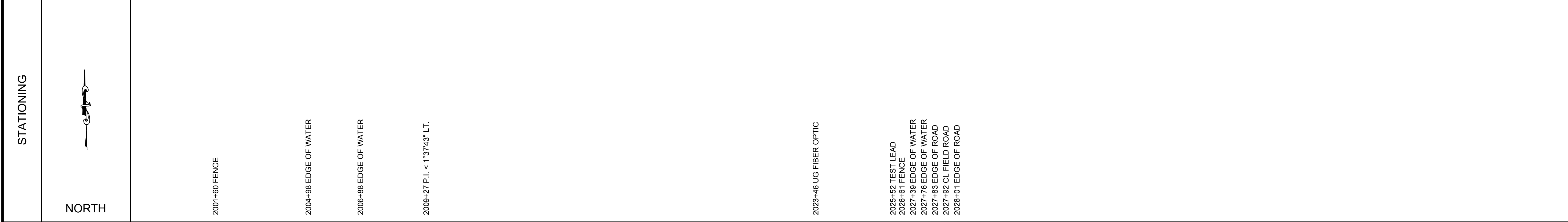
DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 37 TO MP 38  
BURKE COUNTY, NORTH DAKOTA

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	TRACT NUMBER	OWNER NAME	RODDAGE	TRACT NUMBER	OWNER NAME	RODDAGE	TRACT NUMBER	OWNER NAME	RODDAGE	
	2000+00	MCEVERS ALLAN	9 RODS	2001+53	STATE OF N.D.	160 RODS	2027+93	ELY MICHAEL	80 RODS	2041+19	ELY MICHAEL	53 RODS	2050+00

**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

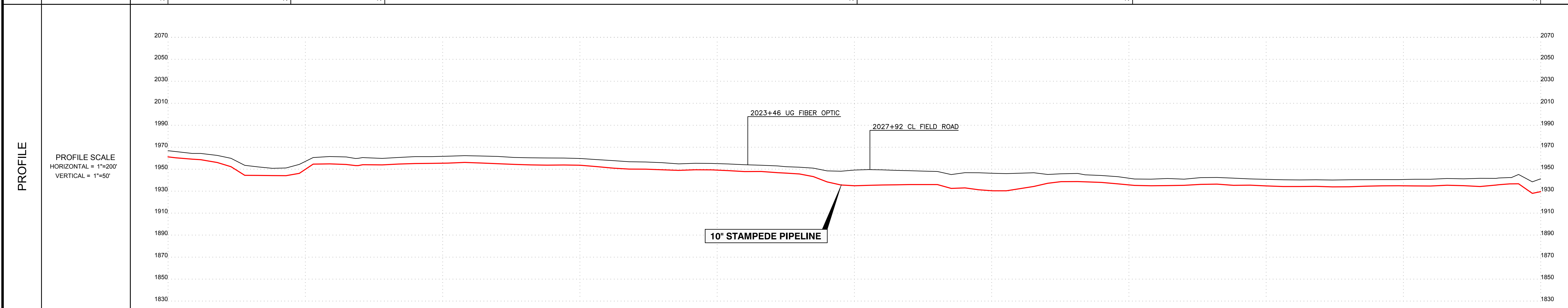
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API 5L PSL2, X42 HPFW PIPE	5000'
3	TEST LEAD	1 EA.
-	-	-
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2000+00	2000+00	2000+00
2000+21	5.5	FBE
2003+52	5	
2004+12	5.5	
2004+62	6.5	
2005+13	7.5	
2005+63	9	FBE/ARO
2006+14	7.5	
2006+64	6.5	
2007+12	7	
2007+63	8	
2008+24	6	
2008+94	6.5	
2009+17	7	
2010+15	6.5	
2011+35	6	
2011+95	6.5	
2012+55	6	
2013+15	6.5	
2013+75	6	
2017+56	6	
2017+96	6	
2018+56	6.5	
2019+14	7	
2020+95	6.5	
2022+95	6	
2024+55	5.5	
2025+95	7.5	
2026+36	10	
2027+36	12.5	
2028+37	14.5	
2028+87	14	
2029+37	13	
2029+87	12.5	
2030+88	12	
2031+88	12.5	
2031+89	14	
2032+39	15.5	
2032+89	16	
2033+42	15.5	
2033+93	13.5	
2034+43	12.5	
2034+92	8	
2035+52	7	
2035+98	7.5	
2037+80	6.5	
2038+80	6	
2039+40	6.5	
2040+00	5.5	
2041+20	6	
2041+80	6.5	
2042+41	5.5	
2047+80	5.5	
2050+00	6	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-18	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-18	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16

**811 Know what's Below. Call before you dig.**

LSW Survey Co.  
12045 W. Alameda Place,  
Suite 100  
Lakewood, CO 80228

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 38 TO MP 39  
BURKE COUNTY, NORTH DAKOTA

TRACT	TRACT NUMBER OWNER NAME RODDAGE	2050+00 04977000 ELY MICHAEL 17 RODS	2052+73 04950001 ELY MICHAEL 14 RODS	2055+00 04951001 NORBY VAN A. 155 RODS	2080+61 04948000 NORBY VAN A. 118 RODS	2100+00
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**NOTES**  
 1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.  
 2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**STATIONING**

NORTH

2051+27 P.I. < 15'58"18" LT.  
 2051+29 33" INDUCTION BEND (SB LEFT)  
 2051+29 P.I. < 22'52"43" LT.  
 2051+32 P.I. < 6'00"38" RT.  
 2051+32 P.I. MARKER, ( SUMMIT MIDSTREAM), 1LT.  
 2052+57 EDGE OF ROAD  
 2052+77 CL 100TH ST  
 2052+97 EDGE OF ROAD  
 2053+62 PL MARKER, ( SUMMIT MIDSTREAM)  
 2053+66 OH POWER  
 2054+57 0.5" FOREIGN PL (2.2' COV.)(2.5' CLR.)  
 2054+94 FENCE  
 2054+95 PL MARKER, ( SUMMIT MIDSTREAM), 1RT.  
 2055+55 P.I. < 9'13"06" LT.  
 2055+60 P.I. < 35'58"10" LT.  
 2055+60 60" INDUCTION BEND (SB LEFT)  
 2055+64 P.I. < 12'58"34" LT.  
 2056+24 P.I. < 2'14"27" RT.  
 2056+52 CONCRETE PAD  
 2056+56 CONCRETE PAD  
 2056+57 P.I. < 4'41"38" LT.  
 2056+61 45" INDUCTION BEND (SAG)  
 2056+65 P.I. < 15'48"54" RT.  
 2056+69 P.I. < 6'32'18" LT.  
 2056+73 45" INDUCTION BEND (OB)  
 2056+74 TEST LEAD, 2LT.  
 2056+77 CONCRETE PAD  
 2056+81 10" GATE VALVE (MLV #6), 3LT.  
 2056+85 CONCRETE PAD  
 2056+89 45" INDUCTION BEND (OB)  
 2056+93 P.I. < 3'41'52" LT.  
 2056+97 P.I. < 7'50'52" RT.  
 2057+06 P.I. < 8'29'31" LT.  
 2057+06 45" INDUCTION BEND (SAG)  
 2057+09 P.I. < 4'58"00" RT.  
 2057+11 CONCRETE PAD  
 2057+15 CONCRETE PAD  
 2057+21 P.I. < 2'09'54" LT.  
 2057+47 P.I. < 2'00'14" RT.  
 2057+12 EDGE OF WATER  
 2057+76 EDGE OF WATER  
 2057+99 PL MARKER, ( SUMMIT MIDSTREAM)  
 2058+00 FENCE



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

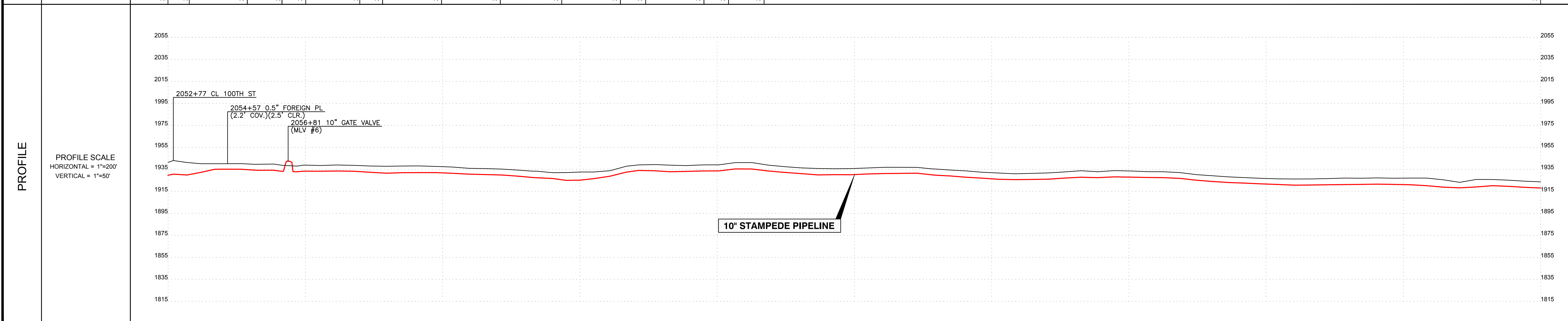
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPW PIPE	5000'
2	10" INDUCTION BEND	6 EA
3	TEST LEAD	1 EA
4	10" BALL VALVE	1 EA
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2050+00	6	FBE
2050+18	7.5	TWO PART EPOXY
2050+76	5.5	FBE
2051+27	8.5	TWO PART EPOXY
2051+59	12.5	FBE
2052+10	11	TWO PART EPOXY
2052+69	6	FBE
2053+09	5	TWO PART EPOXY
2053+49	5.5	FBE
2054+10	0	TWO PART EPOXY
2054+60	5.5	FBE
2054+81	5.5	TWO PART EPOXY
2054+89	5.5	FBE
2055+55	5.5	TWO PART EPOXY
2055+60	5.5	FBE
2055+64	5.5	TWO PART EPOXY
2055+69	5.5	FBE
2056+24	5.5	TWO PART EPOXY
2056+52	5.5	FBE
2056+56	5.5	TWO PART EPOXY
2056+57	5.5	FBE
2056+61	5.5	TWO PART EPOXY
2056+65	5.5	FBE
2056+69	5.5	TWO PART EPOXY
2056+73	5.5	FBE
2056+77	5.5	TWO PART EPOXY
2056+81	5.5	FBE
2056+85	5.5	TWO PART EPOXY
2056+89	5.5	FBE
2056+93	5.5	TWO PART EPOXY
2056+97	5.5	FBE
2057+06	5.5	TWO PART EPOXY
2057+09	5.5	FBE
2057+11	5.5	TWO PART EPOXY
2057+15	5.5	FBE
2057+21	5.5	TWO PART EPOXY
2057+47	5.5	FBE
2057+76	5.5	TWO PART EPOXY
2057+99	5.5	FBE
2058+00	5.5	TWO PART EPOXY

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET  
**SCALES:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

**811 Know what's Below. Call before you dig.**

200 0 200 400  
 SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 39 TO MP 40  
 BURKE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-042** 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	2100+00	04545000	NORBY VAN A	178 RODS	2129+35	UNKNOWN	3 RODS	2129+77	04545000	NORBY VAN A	2 RODS	2130+10	04545000	HILLESTAD MYRNA	2 RODS	2130+43	UNKNOWN	3 RODS	2130+85	04545000	HILLESTAD MYRNA	116 RODS	2150+00
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**NOTES**  
 1. FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.  
 2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.

**STATIONING**

NORTH

2102+66 EDGE OF WATER  
 2103-07 EDGE OF WATER  
 2104+78 P.I. < 16'04"13" RT.  
 2104+64 P.I. < 59'04"43" RT.  
 2104+64 P.I. < 59'04"43" RT.  
 2104+64 90° INDUCTION BEND (SB RIGHT)  
 2104+60 P.I. < 13'58"03" RT.

2128+93 P.I. < 1'38"21" RT.  
 2129+31 ROW  
 2129+59 TEST LEAD, 2RT.  
 2129+63 EDGE OF ROAD  
 2130+08 CL 98TH AVE  
 2130+20 EDGE OF ROAD  
 2130+81 ROW  
 2131+09 PL MARKER, ( SUMMIT MIDSTREAM)  
 2131+23 TREENLINE  
 2131+35 NCC FIBER OPTIC  
 2131+37 TREENLINE  
 2131+68 2' FOREIGN PL (9' COV.)(3.5' CLR.)

2137+43 TREENLINE  
 2137+64 TREENLINE

2140+61 TREENLINE  
 2140+81 TREENLINE

2149+04 P.I. < 1'42"38" RT.  
 2149+66 TREENLINE



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

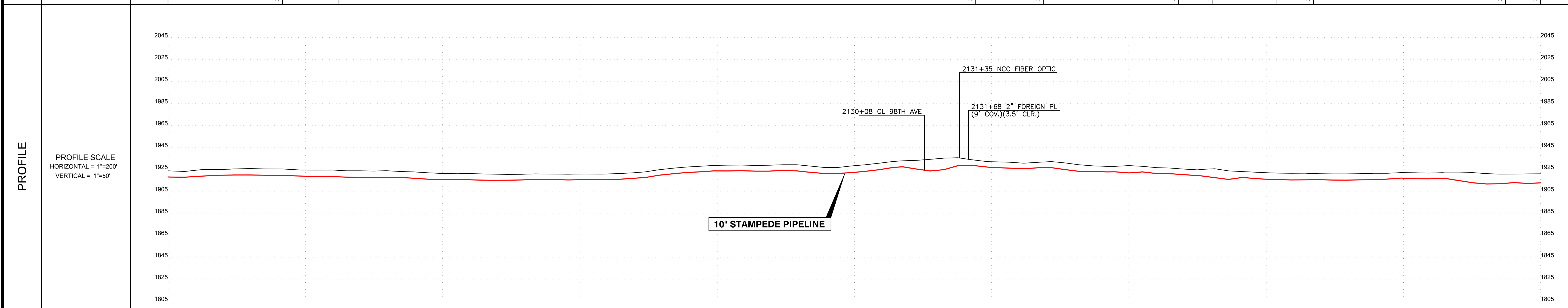
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFV PIPE	5000'
2	10" INDUCTION BEND	1 EA
3	TEST LEAD	1 EA
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING	STATIONING
FBE	5.5	FBE	2100+00 to 2104+84
TWO PART EPOXY	5.5	FBE	2104+84 IND. BEND
FBE	5.5	FBE	2104+84 to 2110+97
FBE	5.5	FBE	2110+97 to 2111+98
FBE	5.5	FBE	2111+98 to 2112+46
FBE	5.5	FBE	2112+46 to 2115+29
FBE	5.5	FBE	2115+29 to 2117+30
FBE	5.5	FBE	2117+30 to 2117+91
FBE	5.5	FBE	2117+91 to 2118+43
FBE	5.5	FBE	2118+43 to 2118+89
FBE	5.5	FBE	2118+89 to 2119+28
FBE	5.5	FBE	2119+28 to 2122+91
FBE	5.5	FBE	2122+91 to 2123+41
FBE	5.5	FBE	2123+41 to 2124+42
FBE	5.5	FBE	2124+42 to 2124+92
FBE	5.5	FBE	2124+92 to 2125+42
FBE	5.5	FBE	2125+42 to 2127+43
FBE	5.5	FBE	2127+43 to 2128+83
FBE	5.5	FBE	2128+83 to 2129+78
FBE	5.5	FBE	2129+78 to 2130+28
FBE	5.5	FBE	2130+28 to 2131+29
FBE	5.5	FBE	2131+29 to 2131+78
FBE	5.5	FBE	2131+78 to 2132+69
FBE	5.5	FBE	2132+69 to 2133+70
FBE	5.5	FBE	2133+70 to 2134+70
FBE	5.5	FBE	2134+70 to 2135+20
FBE	5.5	FBE	2135+20 to 2136+20
FBE	5.5	FBE	2136+20 to 2137+43
FBE	5.5	FBE	2137+43 to 2137+53
FBE	5.5	FBE	2137+53 to 2138+02
FBE	5.5	FBE	2138+02 to 2138+53
FBE	5.5	FBE	2138+53 to 2139+03
FBE	5.5	FBE	2139+03 to 2140+03
FBE	5.5	FBE	2140+03 to 2140+15
FBE	5.5	FBE	2140+15 to 2140+65
FBE	5.5	FBE	2140+65 to 2141+66
FBE	5.5	FBE	2141+66 to 2142+42
FBE	5.5	FBE	2142+42 to 2144+43
FBE	5.5	FBE	2144+43 to 2146+44
FBE	5.5	FBE	2146+44 to 2146+94
FBE	5.5	FBE	2146+94 to 2147+45
FBE	5.5	FBE	2147+45 to 2147+95
FBE	5.5	FBE	2147+95 to 2148+45
FBE	5.5	FBE	2148+45 to 2149+04
FBE	5.5	FBE	2149+04 to 2149+65
FBE	5.5	FBE	2149+65 to 2150+00
FBE	5.5	FBE	2150+00 to 2151+00

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
 REFER TO INDEX SHEET

**SCALES:**  
 C-SIZE (18X24) = NA  
 D-SIZE (36X24) = 1"=200'

200 0 200 400  
 SCALE IN FEET

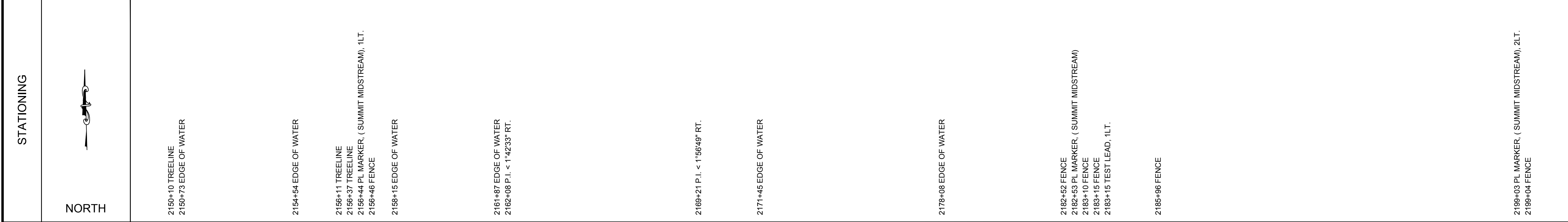
DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**811 Know what's Below. Call before you dig.**

LWS Survey Co.  
 12345 W. Alameda Pkwy,  
 Suite 100  
 Lakewood, CO 80228

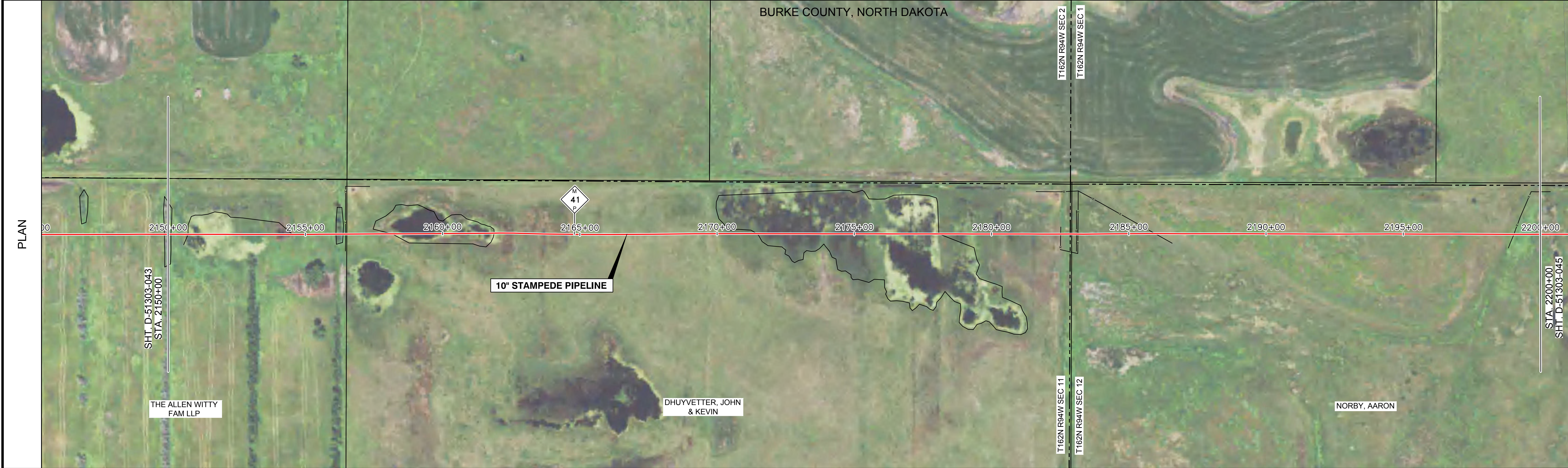
**RECORD ALIGNMENT SHEET**  
 10" STAMPEDE PIPELINE  
 MP 40 TO MP 41  
 BURKE COUNTY, NORTH DAKOTA

TRACT	TRACT NUMBER OWNER NAME RODDAGE	2150+00	04854000 HILLESTAD MYRNA 39 RODS	2156+151	04852000 DHUYVETTER JOHN 160 RODS	2182+92	04860000 NORBY VAN A. 104 RODS	2200+00
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**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
	UNDERGROUND ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

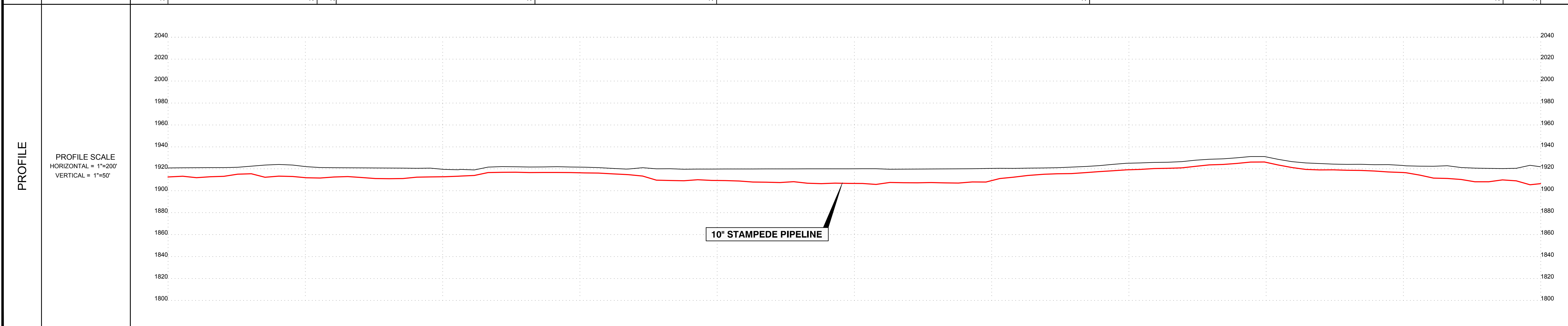
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API-5L-PSL2, X42 HPW PIPE	5000'
2	TEST LEAD	1 EA.
-		-
-		-
-		-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2150+00	2150+00	2150+00
2150+05	7	FBE/ARO
2150+55	9	FBE/ARO
2151+06	9.5	FBE/ARO
2151+56	9	FBE/ARO
2152+06	8	FBE/ARO
2152+56	8.5	FBE/ARO
2153+06	8	FBE/ARO
2153+57	7.5	FBE/ARO
2154+07	9	FBE/ARO
2154+56	8.5	FBE/ARO
2155+07	8	FBE/ARO
2155+56	6.5	FBE
2156+06	7	FBE/ARO
2156+57	11	FBE/ARO
2157+57	10.5	FBE/ARO
2158+07	10	FBE/ARO
2158+57	9.5	FBE/ARO
2159+08	8.5	FBE/ARO
2159+58	8	FBE/ARO
2160+08	8	FBE/ARO
2161+59	9.5	FBE/ARO
2162+59	8	FBE/ARO
2163+09	6.5	FBE
2163+59	6	FBE/ARO
2164+09	6	FBE/ARO
2166+70	5	FBE
2167+20	5.5	FBE/ARO
2168+42	5	FBE/ARO
2170+32	7.5	FBE/ARO
2171+83	10.5	FBE/ARO
2172+33	9.5	FBE/ARO
2173+33	10.5	FBE/ARO
2173+84	11	FBE/ARO
2174+82	12	FBE/ARO
2175+32	12.2	FBE/ARO
2175+83	11.2	FBE/ARO
2176+33	13	FBE/ARO
2176+83	13.2	FBE/ARO
2177+33	13	FBE/ARO
2178+32	13.2	FBE/ARO
2178+83	14.2	FBE/ARO
2179+33	12	FBE/ARO
2181+33	12.2	FBE/ARO
2181+83	13	FBE/ARO
2182+33	12	FBE/ARO
2182+83	12.2	FBE/ARO
2183+34	9.5	FBE/ARO
2183+85	8	FBE/ARO
2184+44	6.5	FBE/ARO
2184+94	6	FBE/ARO
2185+44	5.5	FBE/ARO
2185+94	6	FBE/ARO
2186+95	5.5	FBE/ARO
2188+45	6	FBE/ARO
2188+95	5.5	FBE/ARO
2189+46	5.5	FBE/ARO
2189+96	5	FBE/ARO
2190+46	5.5	FBE/ARO
2191+46	5.5	FBE/ARO
2192+46	5.5	FBE/ARO
2193+46	5.5	FBE/ARO
2194+46	5.5	FBE/ARO
2195+46	5.5	FBE/ARO
2196+46	5.5	FBE/ARO
2197+46	5.5	FBE/ARO
2198+46	5.5	FBE/ARO
2199+46	5.5	FBE/ARO
2200+00	5.5	FBE/ARO

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	


Know what's Below. Call before you dig.

LWS Survey Co.  
12345 W. Alameda Pkwy,  
Suite 100  
Lakewood, CO 80228

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 41 TO MP 42  
BURKE COUNTY, NORTH DAKOTA

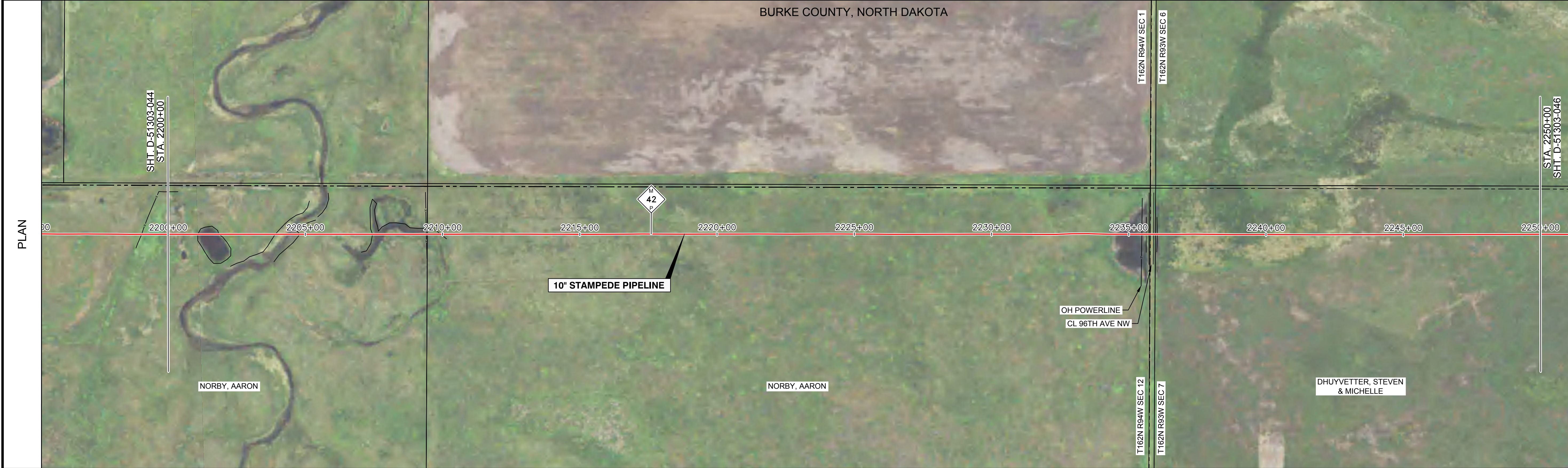
DWG. NO. D-51303-044

1 REV.

TRACT	TRACT NUMBER OWNER NAME RODDAGE	2200+00 NORBY VAN A 57 RODS	2209+45 NORBY VAN A 161 RODS	2235+97 DHUYVETTER STEVEN 85 RODS	2250+00
STATIONING	 <p>2201+08 EDGE OF WATER 2201+66 EDGE OF WATER 2203+01 EDGE OF WATER 2204+60 EDGE OF WATER 2207+45 EDGE OF WATER 2209+39 PL MARKER (SUMMIT MIDSTREAM), 1LT. 2209+41 FENCE 2209+93 EDGE OF WATER  2232+62 P.I. &lt; 2'01'00" LT. 2232+93 P.I. &lt; 1'49'12" RT. 2233+53 P.I. &lt; 2'47'09" RT.  2235+48 OH POWER 2235+49 PL MARKER (SUMMIT MIDSTREAM), 1RT. 2235+74 EDGE OF ROAD 2235+83 CL 96TH AVE NW 2235+91 EDGE OF ROAD 2236+12 TEST LEAD, 1LT.</p>				

**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TG TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	UE ELECTRIC		
	W WATER LINE		
	FO FIBER OPTIC CABLE		

**BILL OF MATERIALS**

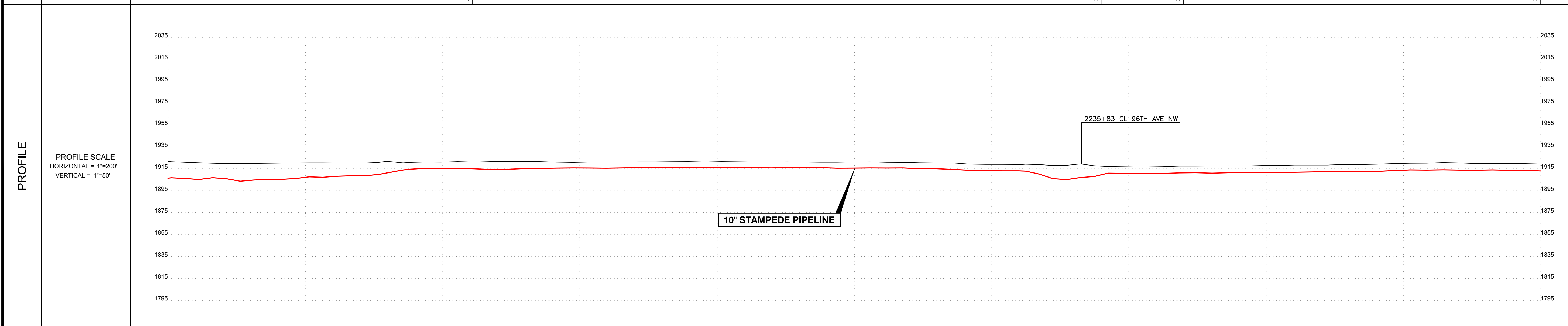
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T. API-5L-PSL2, X42 HPW PIPE	5000'
3	TEST LEAD	1 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2200+00	11	FBE/ARO
2200+15	12.5	
2201+15	10.5	
2201+65	11.5	
2202+16	17.5	
2202+66	14.5	
2203+16	15	
2204+17	13	
2204+67	14	
2205+17	16	
2205+67	15	
2207+18	14.5	
2207+68	12.5	
2208+18	13	
2208+69	12	
2209+69	11.5	
2210+20	10.5	
2210+51	11	
2211+11	10.5	
2211+89	6.5	
2212+49	6	
2213+09	5.5	
2214+29	6	
2215+49	7	
2216+10	6.5	
2216+70	6	
2217+30	5.5	
2217+90	5	
2218+50	5.5	
2219+10	6	
2220+00	5.5	
2222+11	5	
2222+71	5.5	
2223+31	5	
2224+51	5.5	
2225+71	5	
2226+91	5.5	
2229+32	5	
2229+92	5.5	
2231+12	6	
2231+72	5.5	
2232+32	6	
2233+79	5.5	
2234+29	5.5	
2234+78	8.5	
2235+28	12	
2235+79	13	
2236+29	12.5	
2236+79	10	
2240+58	6	
2241+78	6.5	
2242+38	6	
2242+98	6.5	
2243+59	6	
2244+79	6.5	
2245+39	6	
2247+79	6.5	
2248+40	6	
2250+00	6.5	

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD





**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

 **Know what's Below. Call before you dig.**

 LWS Survey Co.  
10345 W. Alameda Pkwy,  
Suite 200  
Lakewood, CO 80226

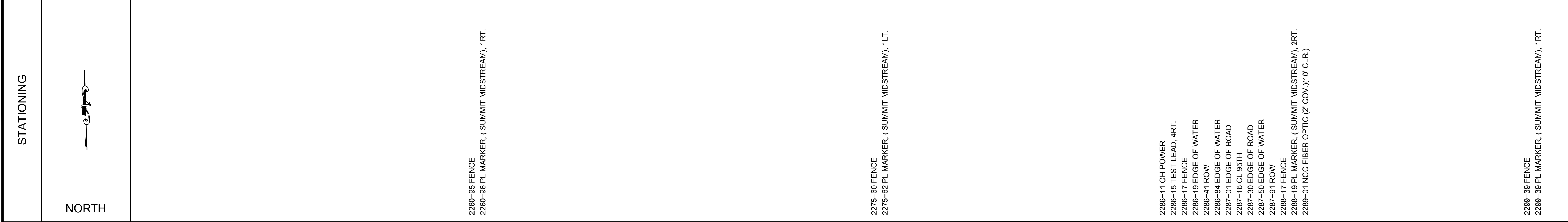
**RECORD ALIGNMENT SHEET**  
**10" STAMPEDE PIPELINE**  
**MP 42 TO MP 43**  
BURKE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-045** 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	2250+00	04733000	DHUYVETTER STEVEN	67 RODS	2261+00	04732000	ERICKSON RON	153 RODS	2286+23	UNKNOWN	6 RODS	2287+15	04733000	ERICKSON RON	2 RODS	2287+48	04738000	KOPPELSLOEN JEROME	2 RODS	2287+81	UNKNOWN	3 RODS	2288+23	04738000	KOPPELSLOEN JEROME	71 RODS	2300+00
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**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

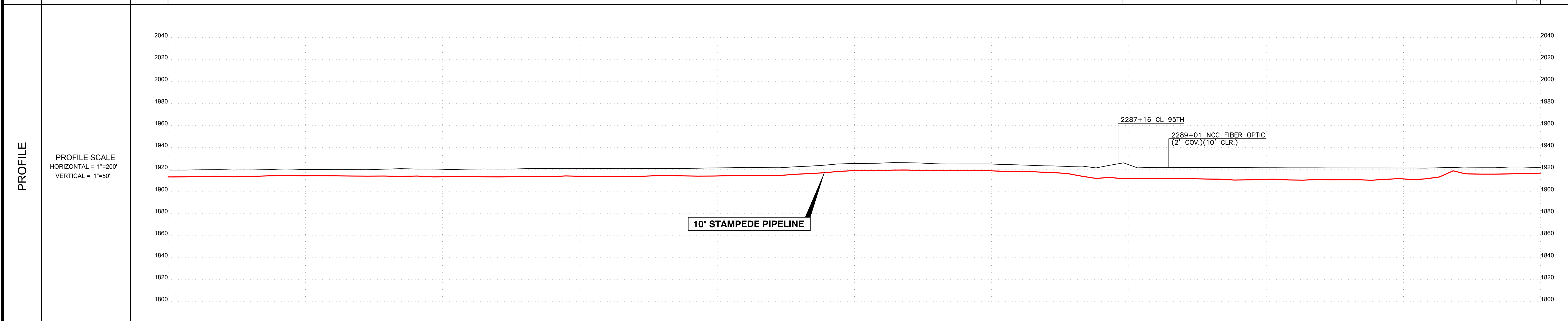
#	DESCRIPTION	QTY
1	10" O.D. x 0.365" W.T., API 5L PSL2, X42 HFW PIPE	5000'
2	TEST LEAD	1 EA.
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2250+00	6.5	FBE
2261+00	6	FBE
2262+00	6.5	FBE
2263+00	6	FBE
2264+00	6.5	FBE
2265+00	6	FBE
2266+00	6.5	FBE
2267+00	6	FBE
2268+00	6.5	FBE
2269+00	6	FBE
2270+00	6.5	FBE
2271+00	6	FBE
2272+00	6.5	FBE
2273+00	6	FBE
2274+00	6.5	FBE
2275+00	6	FBE
2276+00	6.5	FBE
2277+00	6	FBE
2278+00	6.5	FBE
2279+00	6	FBE
2280+00	6.5	FBE
2281+00	6	FBE
2282+00	6.5	FBE
2283+00	6	FBE
2284+00	6.5	FBE
2285+00	6	FBE
2286+00	6.5	FBE
2287+00	6	FBE
2288+00	6.5	FBE
2289+00	6	FBE
2290+00	6.5	FBE
2291+00	6	FBE
2292+00	6.5	FBE
2293+00	6	FBE
2294+00	6.5	FBE
2295+00	6	FBE
2296+00	6.5	FBE
2297+00	6	FBE
2298+00	6.5	FBE
2299+00	6	FBE
2300+00	6.5	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 43 TO MP 44  
BURKE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-046**

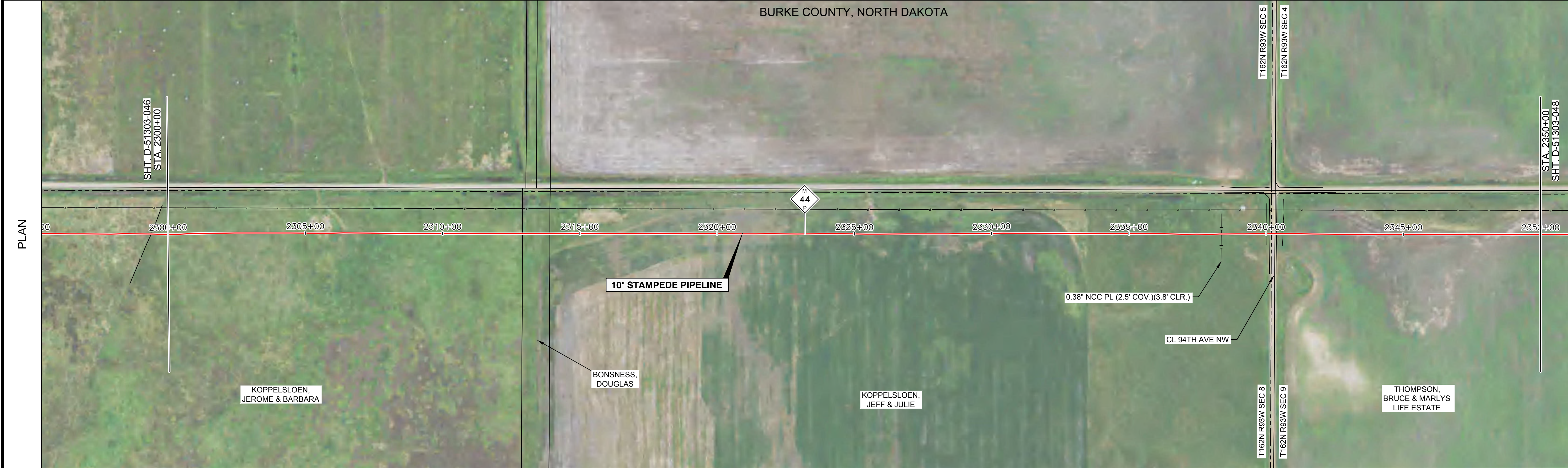
1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	RODS
	04735000	KOPPELSLOEN JEROME	78 RODS	2300+00
	04735000	BONSNESS DOUGLAS	6 RODS	2312+91
	04737000	KOPPELSLOEN JEFFERY	160 RODS	2313+91
	04750000	THOMPSON BRUCE D.	59 RODS	2340+32
				2350+00



**NOTES**

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2. UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		
<b>UNDERGROUND</b>			
	ELECTRIC		
	WATER LINE		
	FIBER OPTIC CABLE		

**BILL OF MATERIALS**

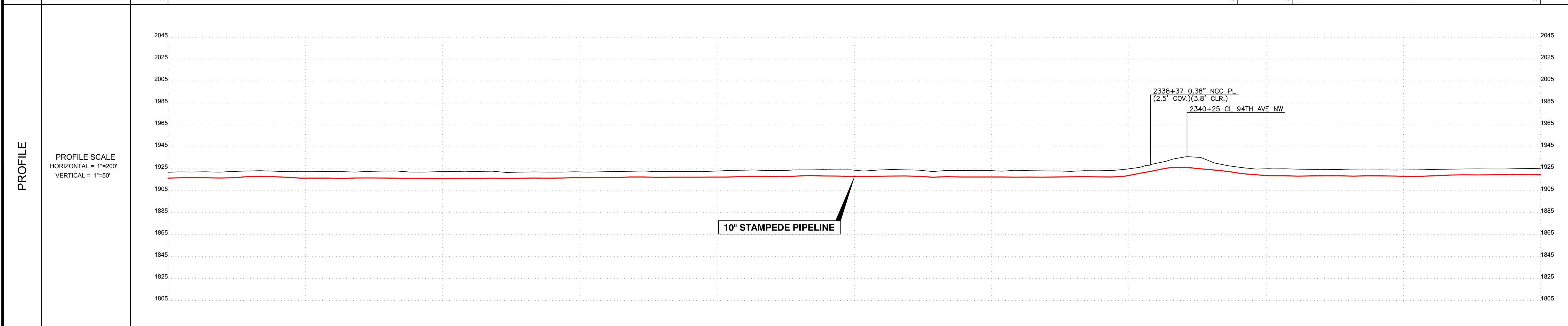
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HFW PIPE	5000'
2	TEST LEAD	1 EA
3		
4		
5		

**PIPE DETAIL**

MATERIAL	COVER	COATING
10" STAMPEDE PIPELINE	5.5"	FBE
0.38" NCC PL (2.5' COV.)(3.8' CLR.)	6"	FBE/ARO
CL 94TH AVE NW	10"	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

Know what's Below. Call before you dig.

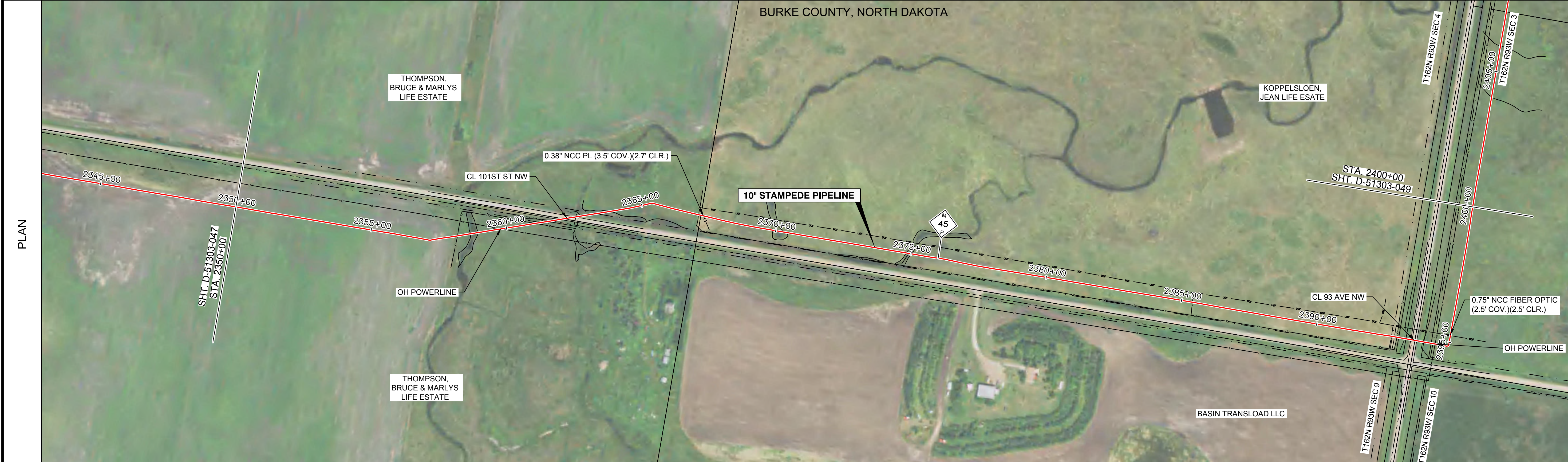
**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 44 TO MP 45  
BURKE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-047** 1 REV

TRACT	TRACT NUMBER	OWNER NAME	RODDAGE	STATIONING
	0474500	THOMPSON BRUCE D.	73 RODS	2350+00
	0475000	THOMPSON BRUCE D.	31 RODS	2362+11
	0475000	KOPPELSLOEN JEAN	156 RODS	2393+30
	UNKNOWN			2393+30
	0471600	KOPPELSLOEN JEAN	2 RODS	2393+30
	0471000	BASIN TRANSLOAD LLC	2 RODS	2393+30
	UNKNOWN			2393+30
	0471000	BASIN TRANSLOAD LLC	35 RODS	2394+23
	2400+00			2400+00

**NOTES**

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- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

	CENTERLINE		MILE POST
	PERMANENT EASEMENT		MAINLINE VALVES
	EXISTING PIPELINE		TEE
	C/L ROAD		LAUNCHER / RECEIVER
	DEEDED PROPERTY LINE		DRAINAGE
	ASSESSOR PROPERTY LINE		WELL HEAD
	OHE POWER LINE		TEST STATION
	FENCE LINE		TRANSMISSION TOWER
	TELEGRAPH LINE		POWER POLE
	RAILROAD		
	TRANSMISSION LINE		

**UNDERGROUND**

	ELECTRIC
	WATER LINE
	FIBER OPTIC CABLE

**BILL OF MATERIALS**

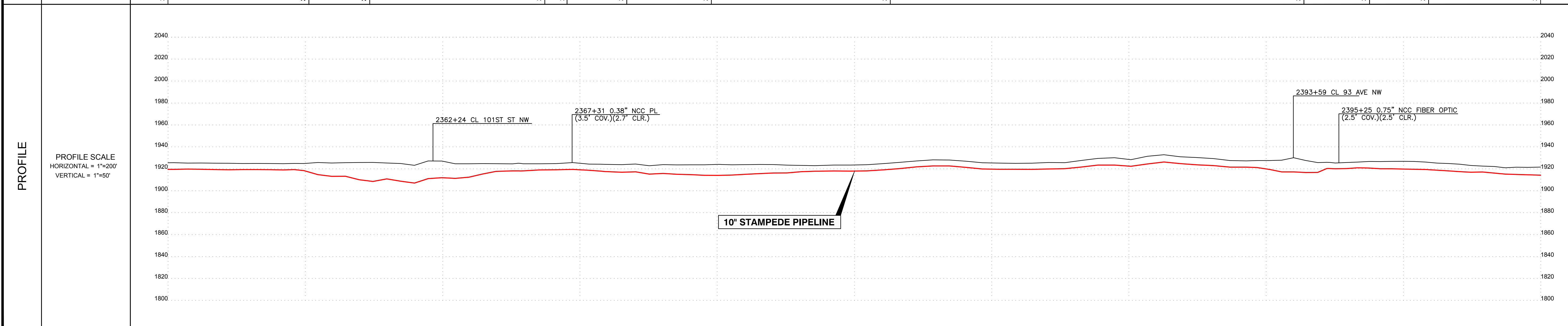
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API 5L PSL2, X42 HPW PIPE	5000'
2	10" INDUCTION BEND	3 EA
3	TEST LEAD	1 EA
-	-	-
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
2350+00	5.5	FBE
2352+29	6	FBE
2353+29	5.5	FBE
2354+29	6	FBE
2355+30	5.5	FBE
2357+16	5.5	TWO PART EPOXY
2357+40	6.5	FBE/ARO
2358+04	11	FBE
2359+04	12	FBE
2359+54	12	FBE
2360+05	15	FBE
2361+05	17	FBE
2361+05	14	FBE
2362+56	16	FBE
2363+05	15	FBE
2363+55	13	FBE
2364+04	12	FBE
2364+33	9.5	FBE
2365+24	7	FBE
2365+34	6.5	FBE
2365+52	7	FBE
2366+12	6.5	FBE
2367+32	5.5	FBE
2367+63	6	FBE
2368+35	5.5	FBE
2369+12	6.5	FBE
2370+12	7	FBE
2370+62	7.5	FBE
2371+12	6	FBE
2371+63	8.5	FBE
2372+13	9	FBE
2372+63	9.5	FBE
2373+13	10	FBE
2373+63	9.5	FBE
2374+14	9	FBE
2374+64	8.5	FBE
2375+14	7.5	FBE
2375+64	7	FBE
2376+14	6	FBE
2376+65	5	FBE
2394+20	5.5	FBE
2394+86	5.5	FBE
2395+25	5.5	FBE
2396+35	5	FBE
2396+76	6	FBE
2397+58	6.5	FBE
2398+62	7	FBE
2398+64	6.5	FBE
2400+00	7	FBE

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

200 0 200 400  
SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS
APPROVED	APB	1-12-16	DATE	03/07/16

**811 Know what's Below. Call before you dig.**

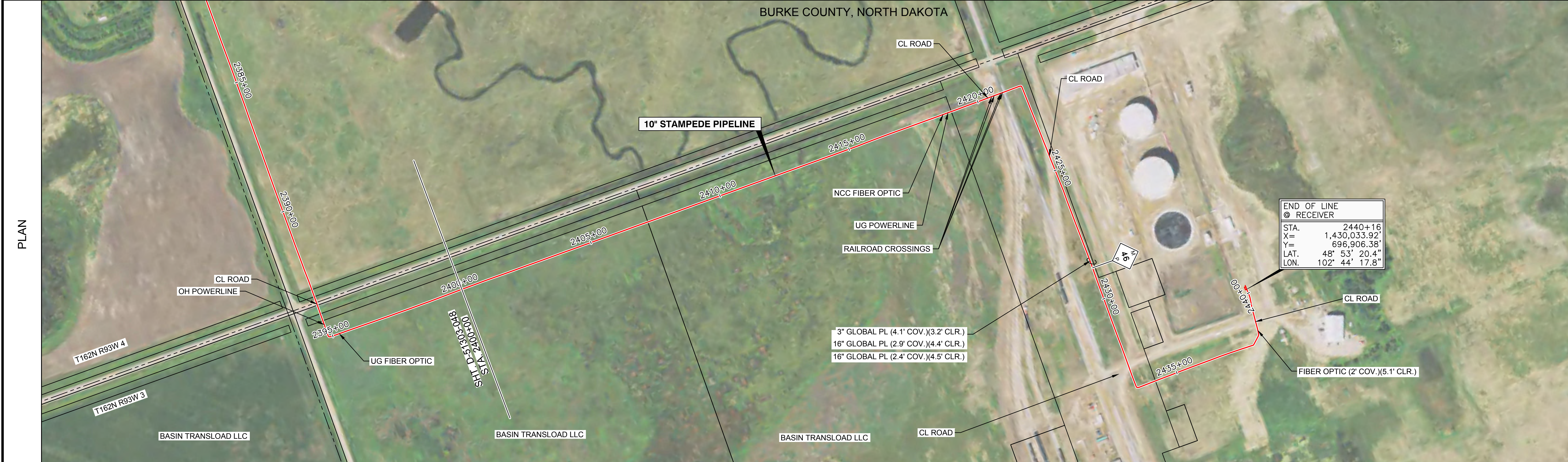
**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 45 TO MP 45  
BURKE COUNTY, NORTH DAKOTA

DWG. NO. **D-51303-048** (1) REV

TRACT	TRACT NUMBER OWNER NAME RODDAGE	2400+00	0471000 BASIN TRANSLOAD LLC 44 RODS	2407+20	0471000 BASIN TRANSLOAD LLC 71 RODS	2418+97	UNKNOWN 92 RODS	2434+17	0471000 BASIN TRANSLOAD LLC 36 RODS	2440+16
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**NOTES**

- FOREIGN UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL WASH CROSSINGS MINIMUM OF FIVE (5) FEET COVER.



**LEGEND**

- CENTERLINE
- PERMANENT EASEMENT
- EXISTING PIPELINE
- CL ROAD
- DEEDED PROPERTY LINE
- ASSESSOR PROPERTY LINE
- OHE POWER LINE
- FENCE LINE
- TELEGRAPH LINE
- TRANSMISSION LINE
- UNDERGROUND
- ELECTRIC
- WATER LINE
- FIBER OPTIC CABLE
- MILE POST
- MAINLINE VALVES
- TEE
- LAUNCHER / RECEIVER
- DRAINAGE
- WELL HEAD
- TEST STATION
- TRANSMISSION TOWER
- POWER POLE

**BILL OF MATERIALS**

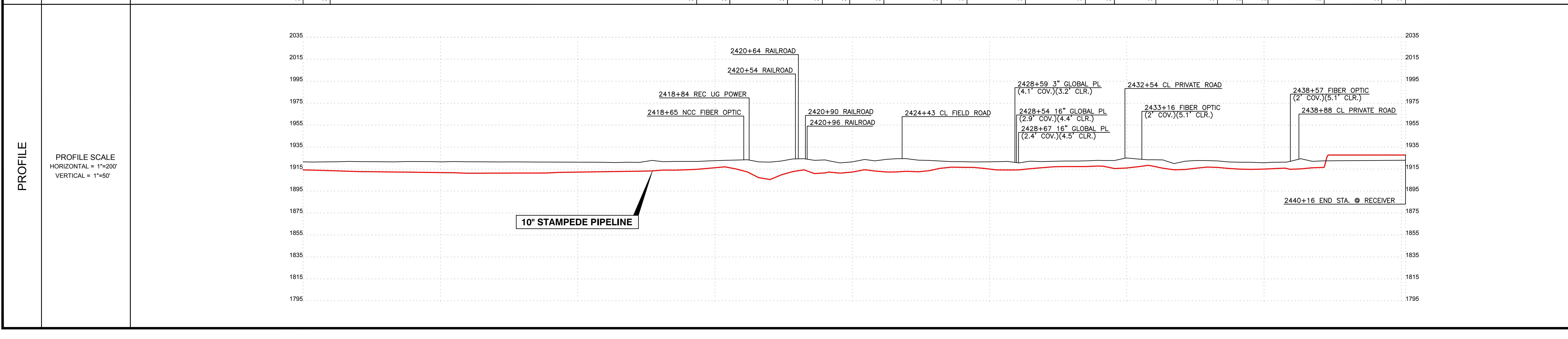
#	DESCRIPTION	QTY
1	10" O.D. x 0.385" W.T. API-5L PSL2, X42 HPW PIPE	4016'
2	10" INDUCTION BEND	6 EA.
3	TEST LEAD	3 EA.
4	10" BALL VALVE	1 EA.
-	-	-

**PIPE DETAIL**

MATERIAL	COVER	COATING
FBE	7	FBE/ARO
FBE	6	FBE/ARO
FBE	5.5	FBE/ARO
FBE	6	FBE/ARO
FBE	5.5	FBE/ARO
FBE	6.5	FBE/ARO
FBE	7.5	FBE/ARO
FBE	8	FBE/ARO
FBE	8.5	FBE/ARO
FBE	9	FBE/ARO
FBE	9.5	FBE/ARO
FBE	10	FBE/ARO
FBE	10.5	FBE/ARO
FBE	10	FBE/ARO
FBE	9.5	FBE/ARO
FBE	9	FBE/ARO
FBE	8.5	FBE/ARO
FBE	8	FBE/ARO
FBE	7.5	FBE/ARO
FBE	7	FBE/ARO
FBE	6	FBE/ARO
FBE	5.5	FBE/ARO
FBE	5	FBE/ARO
FBE	4.5	FBE/ARO
FBE	4	FBE/ARO
FBE	3.5	FBE/ARO
FBE	3	FBE/ARO
FBE	2.5	FBE/ARO
FBE	2	FBE/ARO
FBE	1.5	FBE/ARO
FBE	1	FBE/ARO
FBE	0.5	FBE/ARO
FBE	0	FBE/ARO

**REVISIONS**

NO.	DATE	BY	DESCRIPTION
1	01-13-16	LWS	ISSUED FOR RECORD



**LEGEND:**  
REFER TO INDEX SHEET

**SCALES:**  
C-SIZE (18X24) = NA  
D-SIZE (36X24) = 1"=200'

**811 Know what's Below. Call before you dig.**

SCALE IN FEET

DRAWN BY	PHG	1-11-16	PHOTO BY	
CHECKED BY	TPF	1-12-16	PLOT BY	SRS 03/07/16
APPROVED	APB	1-12-16	DATE	

**RECORD ALIGNMENT SHEET**  
10" STAMPEDE PIPELINE  
MP 45 TO MP 46  
BURKE COUNTY, NORTH DAKOTA

DWG. NO. D-51303-049