LAND

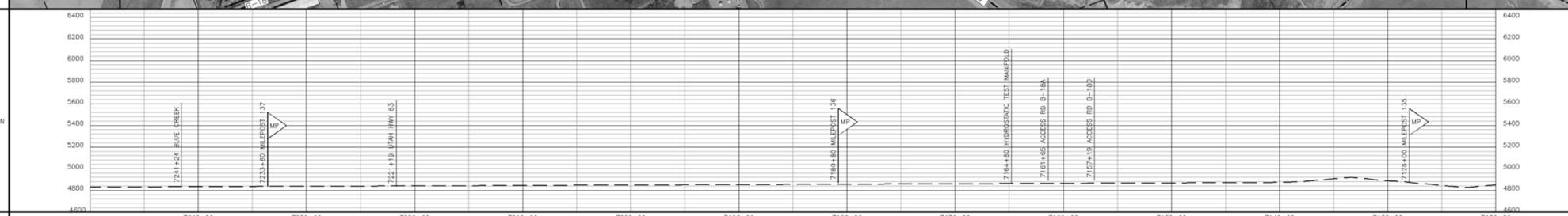
LINE LIST	LAND PLAT NUMBER	PIPELINE STATION	HORIZONTAL DISTANCE
	2206	7250+00	214 FT
	2205	7247+86	2616 FT
	2204.1	7221+70	101 FT
	2204	7220+69	5364 FT
	2203	7167+05	245 FT
	2202.1	7164+60	245 FT
	2202	7156+93	3693 FT
		7120+00	

PIPELINE STATIONING

7250+00 MATCHLINE
7247+86 PROPERTY LINE
7244+59 END 165"X/BGH 115"W TEMP WORK SPACE
7244+59 BEGIN 165"X/BGH 115"W TEMP WORK SPACE
7242+77 TOE BANK
7242+63 TOP BANK
7241+43 END 165"X/BGH 115"W TEMP WORK SPACE
7241+43 BEGIN 165"X/BGH 115"W TEMP WORK SPACE
7241+40 TOE BANK
7241+40 TOP BANK
7241+24 BLUE CREEK, NO DWG
7241+17 TOE BANK
7241+11 TOP BANK
7240+27 END 165"X/BGH 115"W TEMP WORK SPACE
7240+27 BEGIN 165"X/BGH 115"W TEMP WORK SPACE
7240+38 TOP BANK
7240+18 TOE BANK
7240+14 TOP BANK
7239+08 TOP BANK
7238+16 TOE BANK
7237+87 TOE BANK
7237+61 TOE BANK
7236+30 END 165"X/BGH 115"W TEMP WORK SPACE
7236+30 BEGIN 165"X/BGH 115"W TEMP WORK SPACE
7233+60 MILEPOST 137
7228+11 TOE BANK
7228+07 TOE BANK
7223+61 END 165"X/BGH 115"W TEMP WORK SPACE
7221+69 FENCE & TEST LEAD TYPE 1
7221+65 FIBER OPTIC CABLE
7221+19 UTAH HWY 83, SEE DWG 300Z-31 & SECTION LINE
7221+19 CONTRACT LIMIT LINE
7220+69 TEST LEAD TYPE 1
7218+64 END 165"X/BGH 115"W TEMP WORK SPACE
7210+26 TOE BANK
7210+14 TOP BANK
7209+97 TOE BANK
7204+03 TOE BANK
7203+80 TOP BANK
7203+75 TOP BANK
7203+49 TOE BANK
7195+06 P.I. <-18.04°24' LT
7183+69 TOE BANK
7183+54 TOP BANK
7183+39 TOP BANK
7183+23 TOE BANK
7180+80 MILEPOST 136
7176+69 TOE BANK
7176+49 TOP BANK
7176+34 TOP BANK
7176+11 TOE BANK
7172+48 TOE BANK
7172+31 TOP BANK
7172+22 TOP BANK
7172+07 TOE BANK
7167+58 DROP LINE
7167+08 TEST LEAD TYPE 1
7167+06 FENCE & TEST LEAD
7167+05 SECTION LINE
7166+84 P.I. <-24°24'30" LT
7164+80 HYDROSTATIC TEST MANIFOLD
7164+60 TOWNSHIP LINE
7161+65 ACCESS RD B-18A
7159+10 END 165"X/BGH 115"W TEMP WORK SPACE
7159+10 BEGIN 165"X/BGH 115"W TEMP WORK SPACE
7157+29 FENCE
7157+19 ACCESS RD B-18D
7156+93 PROPERTY LINE
7149+18 P.I. <-8.31°36' LT
7141+94 P.I. <-5.11°52' LT & BGH REROUTE
7140+00 P.I. <-52.10°08' RT
7133+72 P.I. <-13.53°09' LT
7132+52 P.I. <-16.17°24' LT
7128+00 MILEPOST 135
7120+00 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	769' (P1)	80' (P2)	40' (P4)	80' (P2)	1772' (P1)	80' (P2)	120' (P44)	80' (P2)	4589' (P1)	1195' (P2)	40' (P3)	407' (P2)	40' (P3)	3693' (P2)	
PIPELINE	7256+00		BLUE CREEK NO DWG				UT HWY 83 SEE DWG 300Z-31			7173+80	ACCESS RD B-18A SEE DWG 300Z-9		ACCESS RD B-18D SEE DWG 300Z-9		7120+00
PIPESAKS	7242+77 (P5) 63'(63) 7242+14		7242+51 7241+11		7238+16 (P5) 25'(7) 7237+41										
COATING CODE (SEE TABLE)	849' (C1)		40' (C3)		1932' (C1)		120' (C2)		10059' (C1)						
DESIGN FACTOR	.80		.50		.80		.50		.80	.72	.60	.72	.60	.72	
CLASS LOCATION	CLASS 1														
DESIGN PRESSURE	1440														

GENERAL NOTES

1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   A. PRODUCTION GIRTH WELDS – UC 235
   B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – AC 135
3. ALL CONSTRUCTION R/W IS 115' WIDE EXCEPT AS NOTED.
4. EXTRA WORKSPACE IS APPLIED 40' TO EACH SIDE OF THE CONSTRUCTION WORKSPACE (195' WIDE TOTAL WORKSPACE) EXCEPT AS NOTED.
5. THE ENVIRONMENTAL INSPECTOR CAN APPROVE SHIFTING OF THE WORKSPACE WITHIN THE STUDY CORRIDOR AS APPROPRIATE.
6. THE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS EXCEPT AS NOTED.

LEGEND

- INTERSTATE HIGHWAY
- UNITED STATES HIGHWAY
- STATE HIGHWAY
- COUNTY HIGHWAY OR ROAD
- RAILROAD TRACKS
- ACCESS ROAD
- CREEK, RIVER, STREAM
- FOREIGN PIPELINE
- POWER LINE
- FIBER OPTICS LINE
- MAIN LINE VALVE (MLV)
- MAIN LINE VALVE DESIGNATION
- WELL
- ARCHAEOLOGICAL SITE
- ARCHAEOLOGICAL POINT
- WETLANDS AREA
- WETLANDS POINT
- STAGING AREAS

FOR LINE TYPES NOT SHOWN IN LEGEND, SEE EP STANDARD TYP-G-P-1.

SCALE & PROJECTION

500 250 0 500 1000

SCALE: 1" = 500' HORIZONTAL
1" = 500' VERTICAL

PROJECTION: UTM, NAD83, ZONE 12, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128575	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128575	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128575	JJJ

REVISIONS

RUBY PIPELINE LLC

IMPLEMENTATION PLAN 05/24/2010

OWNERSHIP

LL NO.	OWNERSHIP
2202	ARTHUR DOUGLAS, ETAL
2202.1	LOUIS P. DOUGLAS TRUST, ETAL
2203	LOUIS P. DOUGLAS TRUST, ETAL
2204	GRAY EAGLE, LLC
2204.1	UTAH DEPT OF TRANSPORTATION
2205	C.M. CORNWALL REVOCABLE TRUST, ETAL
2206	MARINER D. MUNK FAMILY TRUST

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	7140
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	5620
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
P4	PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70	40
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	120
C1	PIPE COATING TYPE 1	12840
C2	PIPE COATING TYPE 2	120
C3	PIPE COATING TYPE 3	40
PS	PIPESAK	13

TBD – TO BE DETERMINED

FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

COATING DEFINITIONS

TYPE 1 – PLANT APPLIED COATING
EXTERIOR: 14-16 MIL FUSION BONDED EPOXY (FBE).
INTERIOR: EFFICIENCY COATED PER IC-100.

TYPE 2 – PLANT APPLIED COATING: ABRASION RESISTANT SYSTEM 40 14-16 MIL MIN CORROSION & 40 MIL ARO

TYPE 3 – PLANT APPLIED COATING W/CONTRACTOR APPLIED CONCRETE: 14 MIL FUSION BONDED EPOXY (FBE) WITH 7" CONCRETE

TYPE 4 – FITTING/BEND COATING: SPECIFICATION UC 271.

TYPE 5 – SHOP FABRICATION: PLANT OR FIELD APPLIED PER EP CONSTRUCTION STANDARDS

MATERIAL DEFINITIONS

PIPESAK – PIPESAK WEIGHTS: SET-ON, 12500#, SPACING 12.5' ON CENTER

SCREW ANCHOR – SCREW ANCHOR SYSTEM: ANCHORPIPE #AP320-42, SPACING 80' ON CENTER

REFERENCE DRAWINGS

TYP-G-P-1	TYPICAL MAPPING SYMBOLS
TYP-G-P-2	TYPICAL PIPELINE CROSSINGS
TYP-P-P-123	TYPICAL DETAILS CATHODIC PROTECTION
TYP-P-P-124	TYPICAL DETAILS CATHODIC PROTECTION
300Z-9	TYPICAL OPEN CUT ROAD CROSSING
300Z-10	TYPICAL BORED ROAD CROSSING
300Z-31	PLAN/PROFILE – UTAH HWY 83

ENVIRONMENTAL NOTES

1. EPHEMERAL STREAM – IF WATER IS PRESENT AT THE TIME OF CONSTRUCTION, THE TEMPORARY CONSTRUCTION WORKSPACE WILL BE LIMITED TO 115' AND THE EXTRA WORKSPACE WILL BE SET-BACK 50' FROM WATER'S EDGE.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 7120+00 TO STA. 7250+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 11N/12N	Range: 5W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0041	

300A-57

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Apr 14, 2010 - 11:54AM