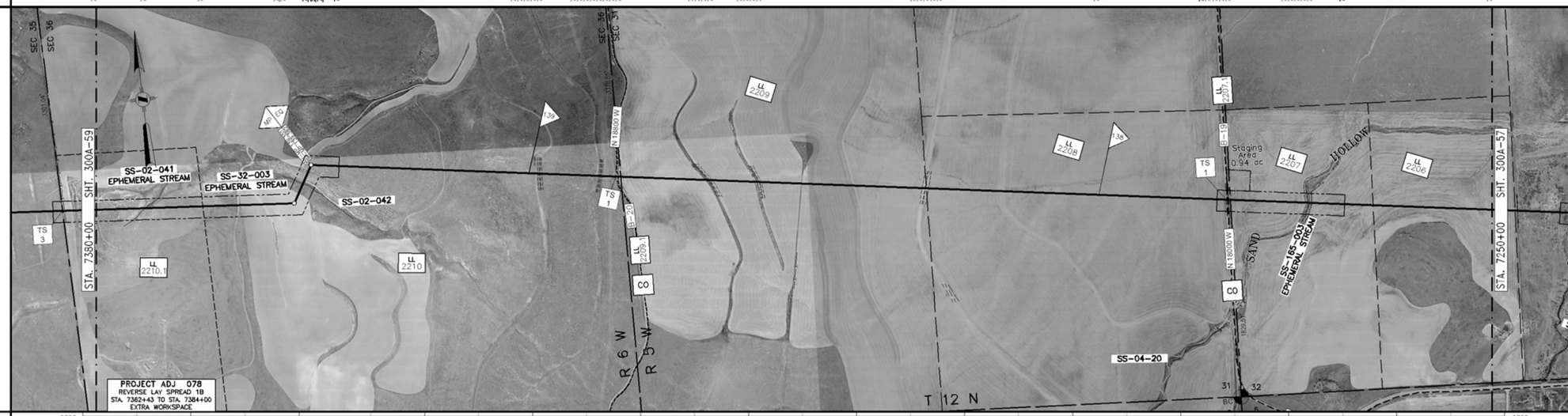
LAND

LINE LIST	2210.1	2210	2209.1	2209	2208	2207.1	2207	2206
LAND PLAT NUMBER								
PIPELINE STATION	7380+00	7370+12	7350+87	7330+69	7302+39	7274+47	7274+18	7261+01	7250+00
HORIZONTAL DISTANCE	988 FT	3943 FT		2830 FT	2822 FT		1316 FT	1101 FT

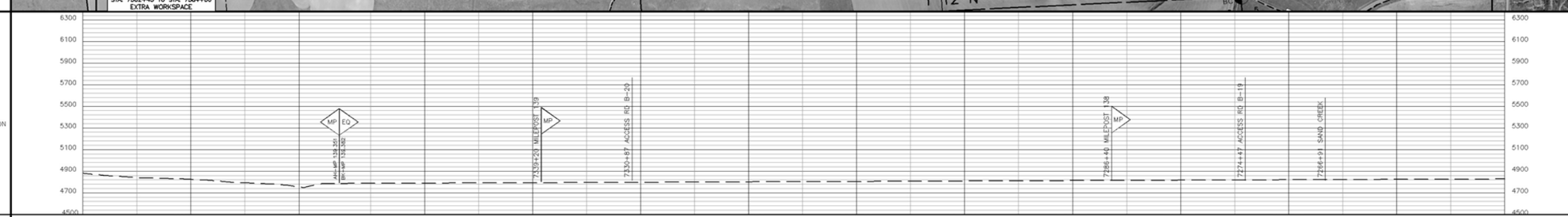
PIPELINE STATIONING

7380+00 MATCHLINE
7375+40 DRAINAGE
7370+12 PROPERTY LINE
7361+61 P.I. = 64°26'18" RT.
7359+94 DRAINAGE
7357+75 BEG. = 68.9021' LT
STATION EQUATION = 1.163
7359+38 BEG. END REALIGNMENT
7356+83 END 115'W/RGH 195'W TEMP WORK SPACE
7339+20 MILEPOST 139
7338+34 TOP BANK
7338+23 TOP BANK
7338+16 TOP BANK
7338+01 TOE BANK
7332+73 TOE BANK
7332+69 TOP BANK
7332+59 TOP BANK
7332+42 TOE BANK
7330+45 ACCESS RD B-20
7330+72 CROP LINE
7330+69 BANK LINE
7322+61 TOE BANK
7322+49 TOP BANK
7322+41 TOP BANK
7322+18 TOE BANK
7318+03 TOE BANK
7317+67 TOP BANK
7317+59 TOP BANK
7317+48 TOE BANK
7302+77 TOE BANK
7302+69 TOP BANK
7302+47 TOP BANK
7302+39 PROPERTY LINE
7302+16 TOE BANK
7286+40 MILEPOST 138
7275+48 END 195'W/ BGN 115'W TEMP WORK SPACE
7274+67 ACCESS RD B-19
7274+47 CROP LINE
7274+37 CROP LINE
7274+16 SECTION LINE
7267+18 TOP BANK
7266+95 TOE BANK
7266+47 SAND CREEK, NO DWG
7266+41 TOE BANK
7266+64 TOP BANK
7263+65 END 115'W/BGN 195'W TEMP WORK SPACE
7250+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	5656' (P2)		40' (P3)	1892' (P2)		3708' (P1)		40' (P3)	2427' (P1)				
PIPELINE	7380+00	7357+75 BEG. STA. EQ = 7361+61 7359+38 BEG. =	7331+07 ACCESS RD B-20 SEE DWG 300Z-9	7330+67	7311+75			7274+67 ACCESS RD B-19 SEE DWG 300Z-9	7274+27				7250+00
PIPESAKS	7361+61 TS 3 (P5)	7359+51								7267+72 TS 1 (P5)	63'(6)	7266+64	
COATING CODE (SEE TABLE)	13163' (C1)												
DESIGN FACTOR	.72		.60	.72		.80		.60	.80				
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

LL NO.	OWNERSHIP
2206	MARINER D. MUNK FAMILY TRUST, LLC
2207	M & G MUNK FAMILY LLC
2207.1	BOX ELDER COUNTY(EASEMENT ONLY)
2208	M & G MUNK FAMILY LLC
2209	MARINER D. MUNK FAMILY TRUST
2209.1	BOX ELDER COUNTY(EASEMENT ONLY)
2210	MARINER D. MUNK FAMILY TRUST
2210.1	BRETT MILLIGAN, ETAL

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAWLAPI 5L GR X-70	6135
P2	PIPE,42.00 OD X 0.600 IN WT, DSAWLAPI 5L GR X-70	6948
P3	PIPE,42.00 OD X 0.721 IN WT, DSAWLAPI 5L GR X-70	80
C1	PIPE COATING TYPE 1	13163
PS	PIPESAK	9

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

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. 7250+00 TO STA. 7380+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 12N	Range: 5W/6W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	Filename: 0300–A–0041
Appr: JJJ	Date: 12/03/08		

300A–58

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IMPLEMENTATION PLAN 05/24/2010

Jan 14, 2010 – 11:05AM