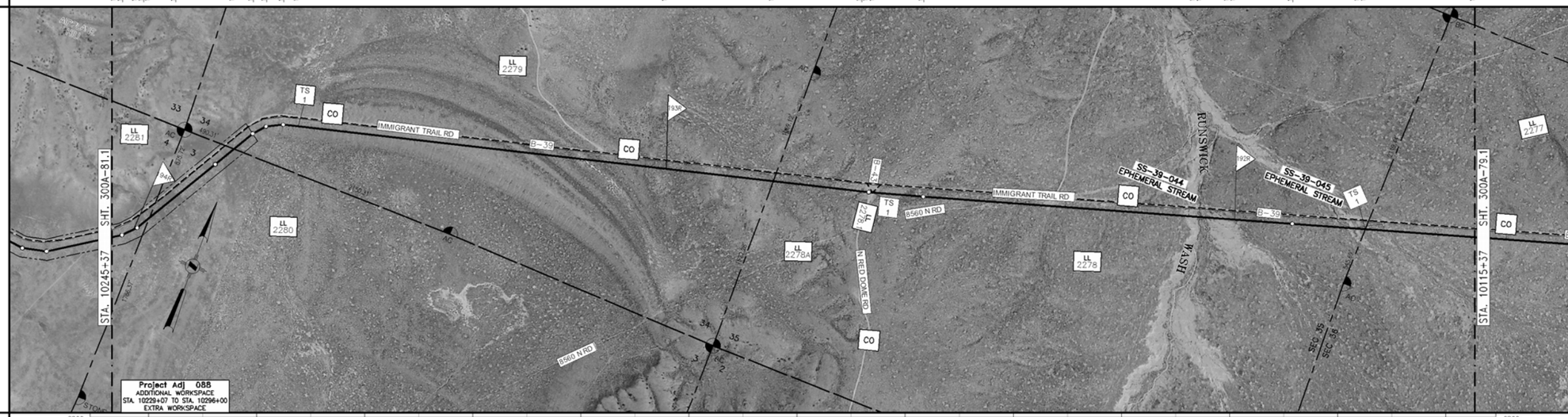
LAND							
LINE LIST	2281	2280	2279	2278	2278.1	2278	2277
LAND PLAT NUMBER							
PIPELINE STATION	10245+37	10241+40	10231+33	10180+43	10171+07	10126+50	10115+37
HORIZONTAL DISTANCE	397 FT	1007 FT	5090 FT			5493 FT	1012 FT

PIPELINE STATIONING

10245+37 MATCHLINE
10244+41 P.I. < 13°11'34" RT.
10243+20 MILEPOST 194R
10242+45 P.I. < 1°13'56" RT.
10241+40 SECTION LINE
10238+35 P.I. < 0°52'01" RT.
10231+33 TOWNSHIP LINE
10229+07 P.I. < 11°26'17" LT. & BGN 195'W TEMP WORK SPACE
10227+88 P.I. < 21°33'52" LT.
10226+07 P.I. < 15°33'52" LT.
10224+97 TEST LEAD TYPE 1
10190+40 MILEPOST 193R
10180+43 SECTION LINE
10171+54 P.I. < 14°43'41" RT.
10171+23 TEST LEAD TYPE 1
10171+07 ACCESS RD B-43 (RED DOME RD)
10166+51 P.I. < 0°35'02" RT.
10141+88 TOP BANK
10140+74 RUNSWICK WASH
10138+54 TOP BANK
10137+40 MILEPOST 192R
10132+28 P.I. < 0°01'06" LT.
10125+51 TEST LEAD TYPE 1
10125+50 SECTION LINE
10115+37 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	7391' (P1)	80' (P3) ACCESS RD B-43 SEE DWG 300Z-9	5529' (P1)	
PIPELINE	10245+37	10171+46 / 10170+66		10115+37
PIPESAKS			252' (21) (PS) 10141+80 / 10139+08	
COATING CODE (SEE TABLE)	13000' (C1)			
DESIGN FACTOR	.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

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 10115+37 TO STA. 10245+37

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 10N/11N	Range: 14W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type:
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	CIVIL 3D
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0061	

300A-80.1

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TMPI FMPNTATION PLAN 05/24/2010

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2277	USA-BLM		
2278	USA-BLM		
2278.1	BOX ELDER COUNTY (EASEMENT ONLY)		
2278A	USA-BLM		
2279	USA-BLM		
2280	USA-BLM		
2281	USA-BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12920
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
C1	PIPE COATING TYPE 1	13000
PS	PIPESAK	21

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.