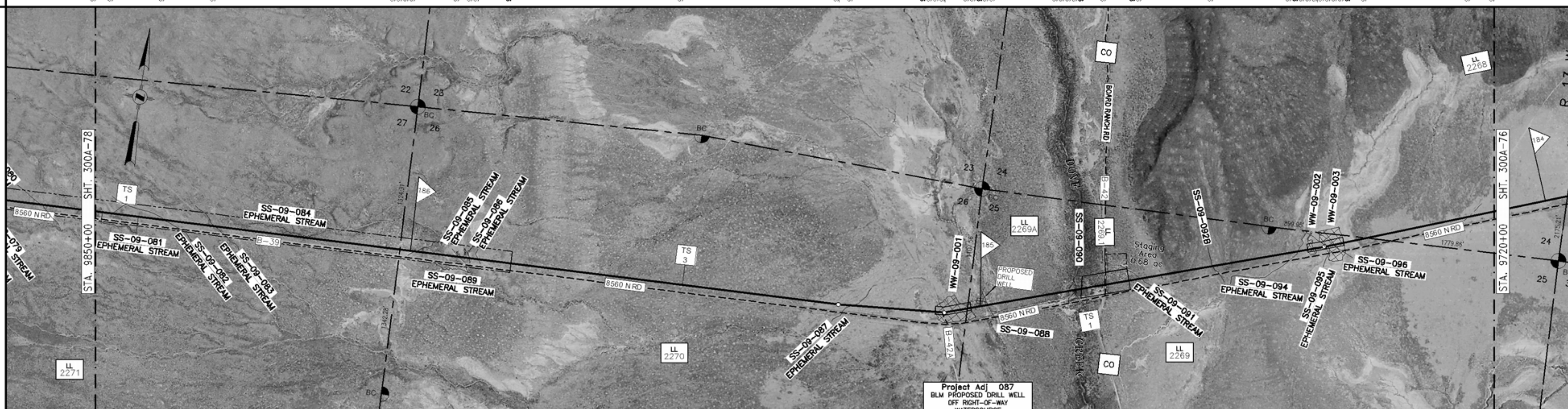
LAND

LINE LIST	2271	2270	2269A	2269.1	2269	2268
LAND PLAT NUMBER						
PIPELINE STATION	9850+00 / 9821+78	9821+78 / 9769+22	9769+22	9756+37	9732+02	9732+02 / 9720+00
HORIZONTAL DISTANCE	2822 FT	5256 FT			3720 FT	1202 FT

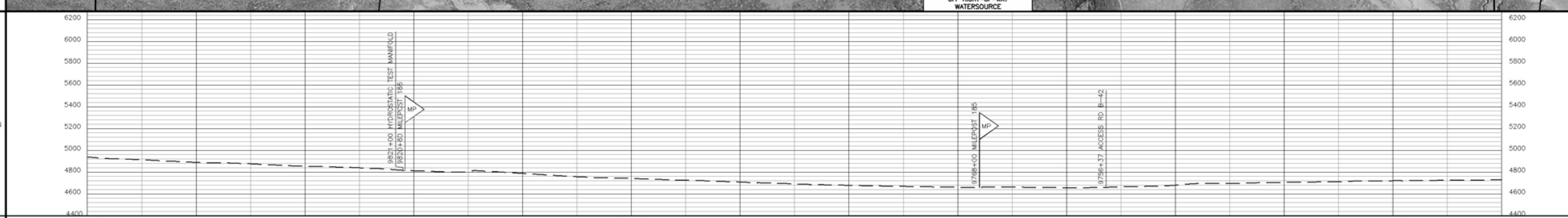
PIPELINE STATIONING

9850+00 MATCHLINE
9848+39 TEST LEAD TYPE 1
9843+65 DRAINAGE
9838+90 DRAINAGE
9821+78 SECTION LINE
9821+00 HYDROSTATIC TEST MANIFOLD
9820+80 MILEPOST 186
9820+42 DRAINAGE
9816+35 ROAD
9815+34 TOE BANK
9814+50 TOP BANK
9811+50 END 115'W/BGN 195'W TEMP WORK SPACE
9795+58 TEST LEAD TYPE 3
9781+15 P.I. < 2°49'45" RT.
9779+88 DRAINAGE
9772+25 END 75'W/BGN 115'W TEMP WORK SPACE
9772+24 END WETLANDS
9771+59 ACCESS RD B-42A
9771+38 P.I. < 14°08'00" RT.
9769+22 SECTION LINE
9768+91 BGN WETLANDS
9768+90 END 115'W/BGN 75'W TEMP WORK SPACE
9768+00 MILEPOST 185
9767+32 DRAINAGE
9759+41 TEST LEAD TYPE 1
9759+20 TOP BANK
9759+15 DOVE CREEK, NO DWG
9759+04 TOP BANK
9758+61 END 195'W/BGN 115'W TEMP WORK SPACE
9756+37 ACCESS RD B-42(BOARD RANCH RD)
9754+20 BGN END 115'W/195'W TEMP WORK SPACE
9753+06 DRAINAGE
9746+36 DRAINAGE
9738+40 DRAINAGE
9737+53 END 75'W/BGN 115'W TEMP WORK SPACE
9737+52 END WETLANDS
9736+75 BGN WETLANDS
9735+94 P.I. < 15°7'31" RT.
9735+88 END WETLANDS
9735+66 DRAINAGE
9735+09 DRAINAGE
9734+20 BGN WETLANDS
9734+19 END 115'W/BGN 75'W TEMP WORK SPACE
9732+02 SECTION LINE
9722+32 ROAD
9720+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

	9850+00 – 9812+00	9812+00 – 9756+77	9756+77 – 9755+97	9755+97 – 9720+00
PIPE CODE (SEE TABLE)	3800' (P2)	5523' (P1)	80' (P3)	3597' (P1)
PIPELINE			ACCESS RD B-42 SEE DWG 300Z-10	
PIPESAKS	9815+65 (3) 25' (PS) 9815+40	9772+28 337' (28) (PS) 9768+91; 9759+24 (3) 25' (PS) 9758+99		9737+63 87' (8) (PS) 9736+76; 9735+82 162' (14) (PS) 9734+20
COATING CODE (SEE TABLE)	9323' (C1)		80' (C2)	3597' (C1)
DESIGN FACTOR	.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

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2268	USA-BLM		
2269	USA-BLM		
2269.1	BOX ELDER COUNTY(EASEMENT ONLY)		
2269A	USA-BLM		
2270	USA-BLM		
2271	USA-BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	9120
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	3800
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
C1	PIPE COATING TYPE 1	12920
C2	PIPE COATING TYPE 2	80
PS	PIPESAK	56

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.

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 9720+00 TO STA. 9850+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 11N	Range: 12W/13W	
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-0061	

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IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 1:36PM