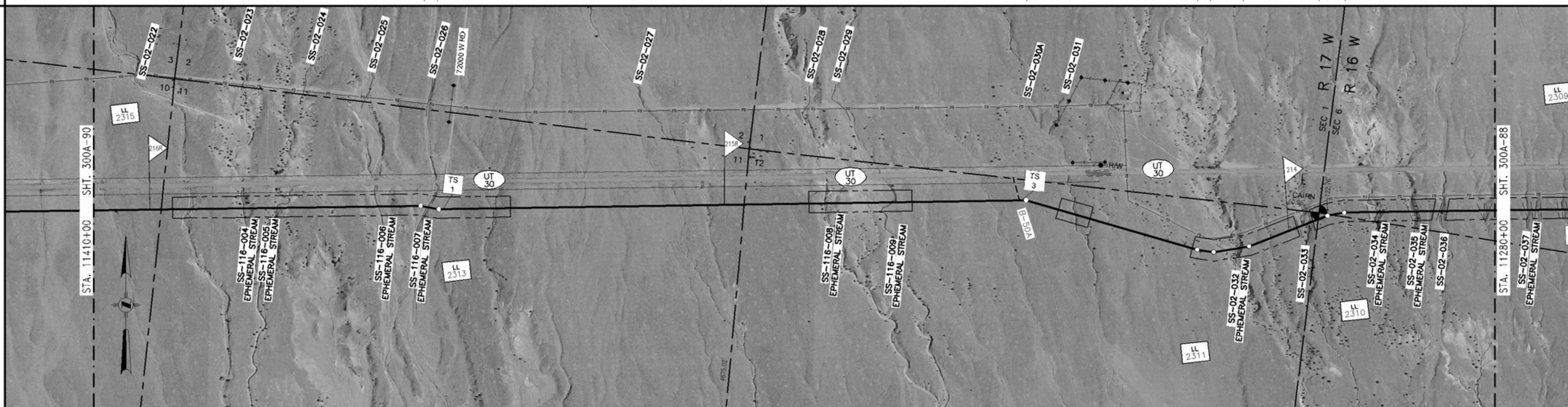
LAND

LINE LIST	2315	2313	2311	2310	2309
LAND PLAT NUMBER					
PIPELINE STATION	11410+00 – 11403+77	11403+77 – 11350+19	11350+19 – 11296+29	11296+29 – 11294+94	11294+94 – 11280+00
HORIZONTAL DISTANCE	622 FT	5359 FT	5389 FT	136 FT	1494 FT

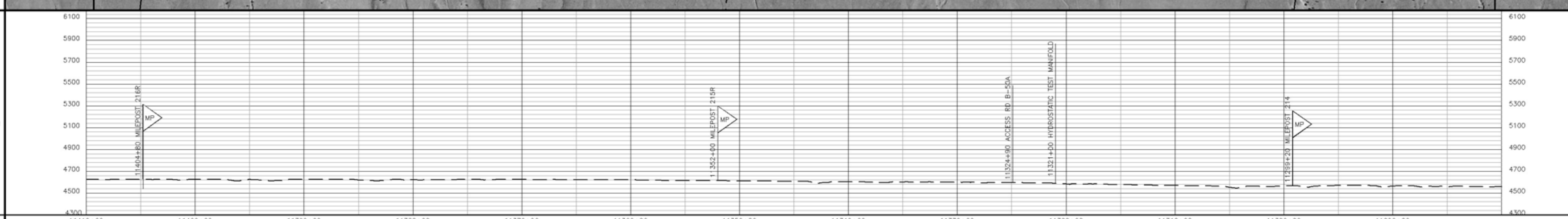
PIPELINE STATIONING

11410+00 MATCHLINE
11404+80 MILEPOST 216R
11403+77 SECTION LINE
11402+75 END 195'W/BGN 115'W TEMP WORK SPACE
11396+21 DRAINAGE
11393+20 DRAINAGE
11383+80 DRAINAGE
11379+95 P.I. < 11°01'38" LT
11379+36 DRAINAGE
11378+26 P.I. < 11°08'24" RT
11377+86 TEST LEAD TYPE 1
11371+68 END 115'W/BGN 195'W TEMP WORK SPACE
11352+00 MILEPOST 215R
11350+19 SECTION LINE
11344+28 END 195'W/BGN 115'W TEMP WORK SPACE
11342+87 DRAINAGE
11336+75 DRAINAGE
11334+79 END 115'W/BGN 195'W TEMP WORK SPACE
11324+90 ACCESS RD B-50A
11324+75 TEST LEAD TYPE 1
11324+30 P.I. < 16°58'05" LT
11321+21 END 195'W/BGN 115'W TEMP WORK SPACE
11321+00 HYDROSTATIC TEST MANIFOLD
11318+21 END 115'W/BGN 195'W TEMP WORK SPACE
11308+43 END 195'W/BGN 115'W TEMP WORK SPACE
11307+95 P.I. < 7°50'30" RT & FIBER OPTICS CABLE 132'RT
11306+42 P.I. < 17°01'19" RT & FIBER OPTICS CABLE 130'RT
11305+42 TOP BANK
11304+32 DRAINAGE
11303+67 TOP BANK
11303+12 P.I. < 12°40'54" RT & FIBER OPTICS CABLE 136'LT
11299+20 MILEPOST 214
11298+40 END 115'W/BGN 195'W TEMP WORK SPACE
11298+20 TOP BANK
11297+71 DRAINAGE
11296+99 TOP BANK
11296+85 END 195'W/BGN 115'W TEMP WORK SPACE
11296+29 RANGE LINE
11295+38 P.I. < 10°18'40" LT & FIBER OPTICS CABLE 135'LT
11294+94 SECTION LINE
11293+80 P.I. < 10°19'38" LT & FIBER OPTICS CABLE 137'LT
11291+64 TOP BANK
11290+81 DRAINAGE
11290+16 TOP BANK
11287+88 TOP BANK
11287+47 DRAINAGE
11287+02 TOP BANK
11285+62 END 115'W/BGN 195'W TEMP WORK SPACE
11285+08 TOP BANK
11285+02 DRAINAGE
11284+57 TOP BANK
11284+38 END 195'W/BGN 115'W TEMP WORK SPACE
11281+35 TOP BANK
11280+96 TOE BANK
11280+49 TOP BANK
11280+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

	11410+00 – 11330+40	11330+40 – 11325+10	11325+10 – 11324+70	11324+70 – 11312+00	11312+00 – 11280+00
PIPE CODE (SEE TABLE)	7960' (P1)	530' (P2)	40' (P3) ACCESS RD B-50A SEE DWG 300Z-9	1270' (P2)	3200' (P1)
DESIGN FACTOR	.80	.72	.60	.72	.80

PIPESAKS (each (3) 25' PS): 11401+41 – 11401+16; 11396+25 – 11396+00; 11379+33 – 11379+08; 11373+27 – 11373+02; 11342+90 – 11342+65; 11336+84 – 11336+59; 11319+86 – 11319+61; 11304+40 – 11304+15; 11297+91 – 11297+66; 11290+89 – 11290+64; 11287+58 – 11287+33; 11285+05 – 11284+80

COATING CODE (SEE TABLE): 13000' (C1)

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

REVISIONS

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

OWNERSHIP

LL NO.	OWNERSHIP
2309	USA-BLM
2310	ARIMO CORPORATION
2311	USA-BLM
2313	C BAR CATTLE COMPANY
2315	USA-BLM

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	11160
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	1800
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	40
C1	PIPE COATING TYPE 1	13000
PS	PIPESAK	36

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. 11280+00 TO STA. 11410+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 8N	Range: 16W/17W	
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-0081	

300A-89

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IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 10:50AM