LAND

LINE LIST

LAND PLAT NUMBER: 2296 | 2295 | 2294

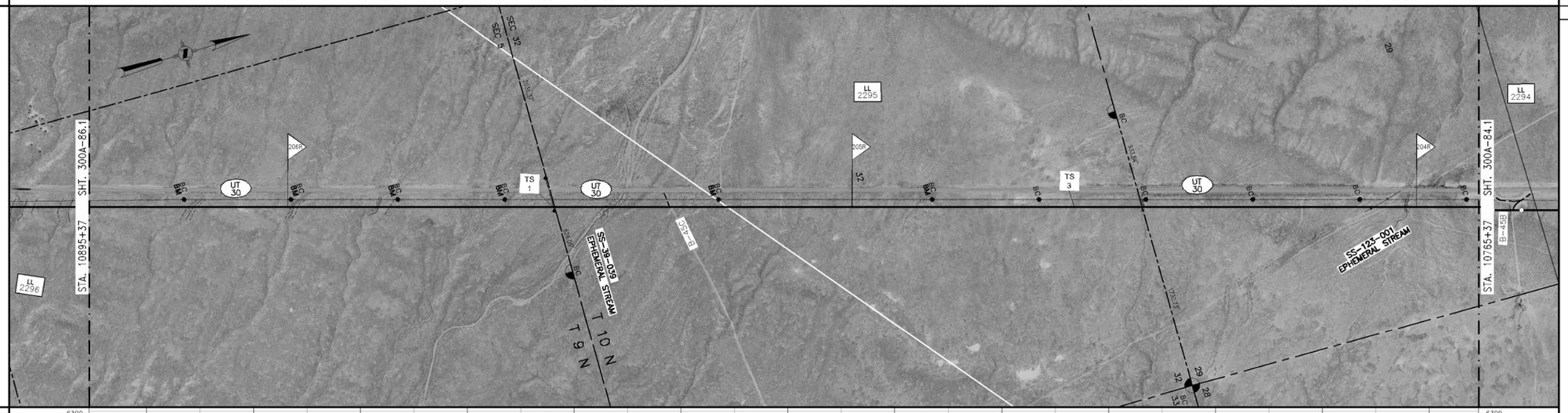
PIPELINE STATION: 10895+37 | 10851+83 | 10765+37

HORIZONTAL DISTANCE: 4354 FT | 5496 FT | 3151 FT

PIPELINE STATIONING

10895+37 MATCHLINE
10886+19 TOP BANK
10885+65 DRAINAGE
10885+30 TOP BANK
10876+90 MILEPOST 206R
10876+86 CENTERLINE
10876+26 DRAINAGE
10875+89 TOP BANK
10868+51 TOP BANK
10868+13 DRAINAGE
10867+24 TOP BANK
10851+96 TEST LEAD TYPE 1
10851+84 CENTERLINE
10851+83 TOWNSHIP LINE
10847+21 TOP BANK
10846+89 TOE BANK
10846+66 DRAINAGE
10846+42 TOE BANK
10846+13 TOP BANK
10841+07 ACCESS RD B-45C
10824+00 MILEPOST 205R
10803+23 TEST LEAD TYPE 3
10796+87 SECTION LINE
10796+55 TOP BANK
10796+44 TOE BANK
10796+68 TOP BANK
10765+00 HYDROSTATIC TEST MANIFOLD
10779+22 6" WATER LINE
10772+33 TOP BANK
10772+00 DRAINAGE
10771+10 TOP BANK
10771+20 MILEPOST 204R
10765+37 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

ELEVATION: 6300 6100 5900 5700 5500 5300 5100 4900 4700 4500

10876+86 MILEPOST 206R MP
10841+07 ACCESS RD B-45C
10824+00 MILEPOST 205R MP
10765+00 HYDROSTATIC TEST MANIFOLD
10771+20 MILEPOST 204R MP

STATION: 10890+00 | 10880+00 | 10870+00 | 10860+00 | 10850+00 | 10840+00 | 10830+00 | 10820+00 | 10810+00 | 10800+00 | 10790+00 | 10780+00 | 10770+00

MATERIAL

PIPE CODE (SEE TABLE)	5410' (P1)		40' (P3) ACCESS RD B-45C SEE DWG 3002-9		4687' (P1)				1800' (P2)		1063' (P1)	
PIPELINE	10895+37		10841+27	10840+87					10794+00		10776+00	10765+37
PIPESAKS	10885+78 (P4) (C)	10885+53 (P5)	10876+38 (P4) (C)	10876+13 (P5)	10868+45 (P4) (C)	10868+20 (P5)	10846+99 (P4) (C) (P5)	10846+24	10796+69 (P4) (C)	10796+44 (P5)	10772+30 (P4) (C)	10772+05 (P5)
COATING CODE (SEE TABLE)	13000' (C1)											
DESIGN FACTOR	.80		.60		.80				.72		.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
2294	ARIMO CORPORATION
2295	STATE OF UTAH
2296	ARIMO CORPORATION

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
P5	PIPESAK	22

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
3002–9	TYPICAL OPEN CUT ROAD CROSSING
3002–10	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. 10765+37 TO STA. 10895+37

Division:	ROCKY MOUNTAIN	Op. Area:	ELKO
State:	UTAH	Co./Par.:	BOX ELDER
Section:	–	Township: 9N/10N	Range: 15W
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–0081	
300A–85.1		Sheet: 85 of 277	Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Apr 14, 2010 - 10:43AM