LAND					
LINE LIST / LAND PLAT NUMBER	3307	3306	3305	3304	3303
PIPELINE STATION	22967+43	22945+53 / 22942+67	22319+44	22882+26	22837+43
HORIZONTAL DISTANCE	2188 FT	337 FT	2329 FT	3716 FT	4491 FT

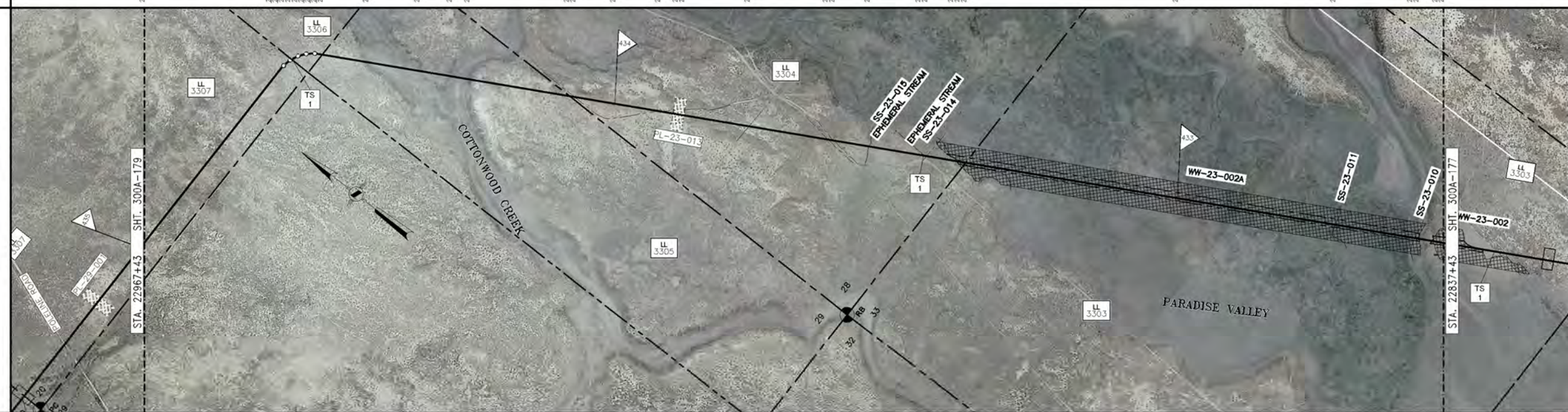
GENERAL NOTES

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.

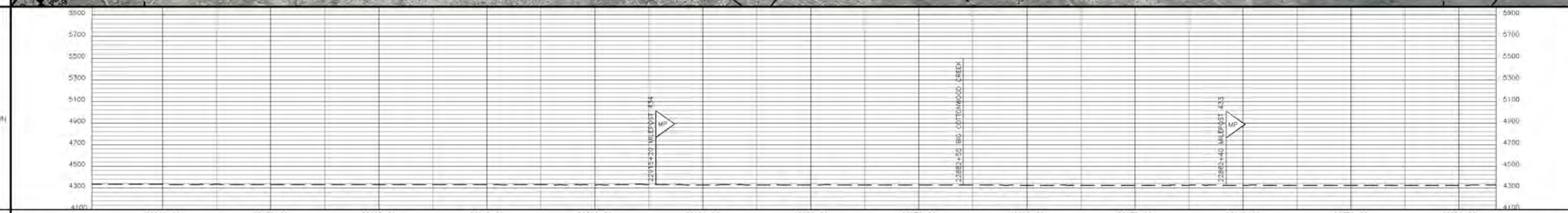
PIPELINE STATIONING

22967+43 MATCHLINE; 22946+57 PI < 1730'(X)-1; 22945+53 PI 2188' LINE; 22945+56 FENCE; 22944+25 TST LEAD TYPE 1; 22942+67 PI < 1730'(X)-1; 22941+17 PI < 1730'(X)-1; 22942+67 SECTION LINE; 22938+41 EDGE OF COTTONWOOD CREEK; 22933+29 EDGE OF COTTONWOOD CREEK; 22930+56 EDGE OF COTTONWOOD CREEK; 22928+91 EDGE OF COTTONWOOD CREEK; 22319+44 SECTION LINE; 22318+95 DIRT ROAD; 22315+20 MILEPOST 434; 22311+01 DIRT ROAD; 22299+73 END PLAYA; 22298+73 BGN PLAYA; 22292+61 FENCE; 22285+18 DIRT ROAD; 22284+65 DIRT ROAD; 22281+32 DRAINAGE; 22286+24 TEST LEAD TYPE 1; 22285+44 DIRT ROAD; 22283+14 END WETLAND; 22283+45 BIG COTTONWOOD CREEK; 22282+27 SECTION LINE; 22262+40 MILEPOST 433; 22247+60 DRAINAGE; 22240+12 LITTLE HUMBOLDT RIVER; 22239+79 BGN WETLAND; 22238+53 END WETLAND; 22237+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	4665' (P1)								80' (P2)	714' (P1)					80' (P2)	1489' (P1)					160' (P2)	5669' (P1)							
PIPELINE	22967+43								22919+35	22918+56					22911+41	22910+61					22285+72	22284+12							22837+43
PIPESAKS																						22284+12	4335' (55) (SA)				22257+78	22256+53	111' (2) (SA)
COATING CODE (SEE TABLE)	13000' (C1)																												
DESIGN FACTOR	.80								.72	.80					.72	.80					.72	.80							
CLASS LOCATION	CLASS 1																												
DESIGN PRESSURE	1440																												

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 11, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/10/10	LEL	IMPLEMENTATION FILING	122659	JJJ/LC
B	7/10/09	LEL	ISSUE FOR FERC FILING	122659	JJJ
A	1/26/09	DLM	ISSUE FOR FERC FILING	122659	JJJ

REVISIONS

RUBY PIPELINE LLC

LL NO.	OWNERSHIP
3303	GENUS LP
3304	GENUS LP
3305	JDK 1991 TRUST
3306	JDK 1991 TRUST
3307	BLM

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12669
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	320
C1	PIPE COATING TYPE 1	13000
SA	SCREW ANCHOR	57

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

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"

STA. 22837+43 TO STA. 22967+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 39N	Range: 39E	
Drafter: DLM	Date: 01/23/09	Project ID: 122659	Type: CIVIL 3D
Chk'd: G	Date: 01/23/09	Scale: 1" = 500'	
Appr: JJJ	Date: 01/23/09	Filename: 0300-A-176.DWG	
300A-178		Sheet: 175of277	Rev: C

Jan 14, 2010 – 15:44AM

IMPLEMENTATION PLAN 05/24/2010