LAND						
LINE LIST / LAND PLAT NUMBER	3343	3342	3341	3340	3339	
PIPELINE STATION	23832+93	23827+07	23793+09	23721+66	23715+13	23702+93
HORIZONTAL DISTANCE	582 FT	3405 FT	7244 FT	552 FT	1221 FT	

GENERAL NOTES

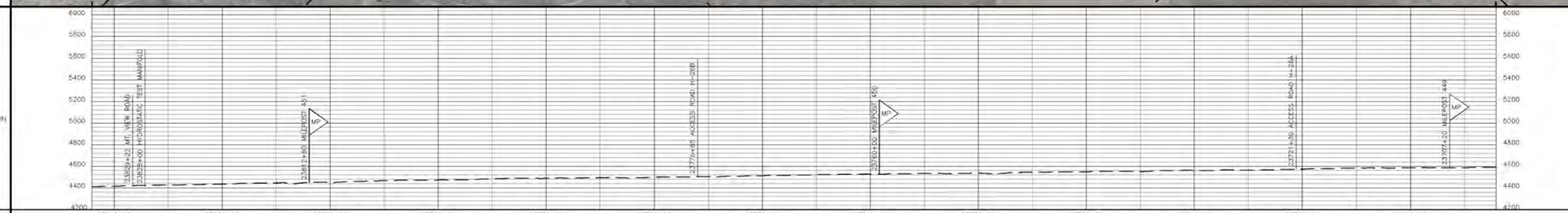
1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   - A. PRODUCTION GIRTH WELDS – UC 235
   - B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   - C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   - D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – 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

23832+93 MATCHLINE
23831+51 END 195'W/BOA 115'W TEMP WORK SPACE
23829+43 TEST LEAD TYPE 1
23829+22 MT. VIEW ROAD
23829+00 HYDROSTATIC TEST MANIFOLD
23827+50 END 115'W/BOA 195'W TEMP WORK SPACE
23827+07 PROPERTY LINE
23826+44 DIRT ROAD
23823+53 DIRT ROAD
23814+15 DRAINAGE
23812+80 MILEPOST 451
23812+09 DIRT ROAD
23810+59 DIRT ROAD
23809+16 DIRT ROAD
23793+09 TOWNSHIP LINE
23788+05 DIRT ROAD
23777+05 TEST LEAD TYPE 1
23776+85 ACCESS ROAD H-26B
23773+09 DRAINAGE
23760+00 MILEPOST 450
23759+54 CHIMENY CREEK
23751+12 END 195'W/BOA 115'W TEMP WORK SPACE
23749+47 CHIMENY CREEK
23747+95 END 115'W/BOA 195'W TEMP WORK SPACE
23745+27 TEST LEAD TYPE 1
23735+60 PORCUPINE CREEK
23725+95 DRAINAGE
23721+84 TEST LEAD TYPE 1
23721+39 ACCESS ROAD H-26A
23720+66 SECTION LINE
23715+14 SECTION LINE
23707+20 MILEPOST 449
23704+16 DIRT ROAD
23702+93 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	331' (P2)	80' (P44) MT. VIEW ROAD SEE DWG 300Z-13	5157' (P2)	80' (P3) ACCESS RD H-26B SEE DWG 300Z-13	5467' (P2)	80' (P3) ACCESS RD H-26A SEE DWG 300Z-13	1606' (P2)										
PIPELINE	23832+93	23829+62	23826+43	23777+25	23776+45	23721+79	23720+66	23702+93									
PIPESAKS																	
COATING CODE (SEE TABLE)	312' (C1)	80' (C2)	12608' (C1)														
DESIGN FACTOR	.72	.50	.72	.60	.72	.60	.72										
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/LG
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

LL NO.	OWNERSHIP
3339	BLM
3340	BLM
3341	BLM
3342	BLM
3343	DENNIS HEITMAN

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12760
P3	PIPE,42.00 OD X 0.731 IN WT, DSAW,API 5L GR X-70	160
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	80
C1	PIPE COATING TYPE 1	12920
C2	PIPE COATING TYPE 2	80

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-13	TYPICAL OPEN CUT ROAD CROSSING
300Z-14	TYPICAL BORED ROAD CROSSING
300Z-13	TYPICAL OPEN CUT ROAD CROSSING
200Z-14	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"

STA. 23702+93 TO STA. 23832+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 40N/41N	Range: 37E	
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-185		Sheet: 186of273	Rev: C

Jan 14, 2010 – 13:50AM

IMPLEMENTATION PLAN 05/24/2010