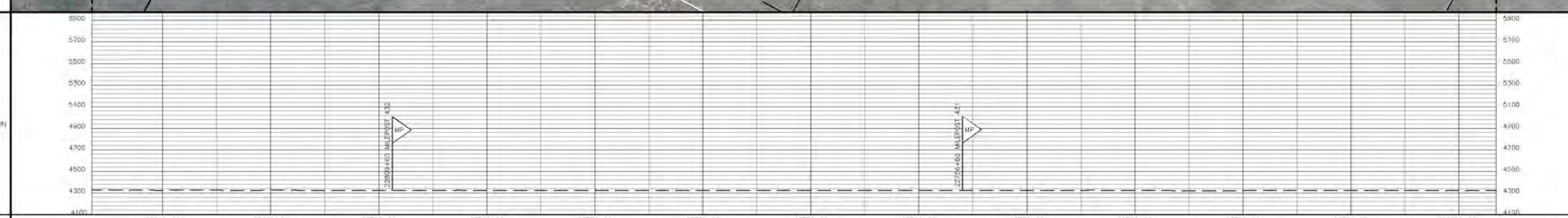
LAND					
LINE LIST		3303	3302	3301	3300
LAND PLAT NUMBER					
PIPELINE STATION	22837+43		22822+43	22807+97	22762+18	22707+43
HORIZONTAL DISTANCE		1503 FT	1438 FT	4588 FT	5476 FT

PIPELINE STATIONING

22837+43 MATCHLINE
22834+45 BOR WETLAND
22832+56 TCST LOAD TYPE 1
22832+45 DIRT ROAD
22831+60 DIRT ROAD
22828+11 DOI 165'W/BOR 115'W TEMP WORK SPACE
22825+11 END 115'W/BOR 165'W TEMP WORK SPACE
22822+44 TOWNSHIP LINE
22809+60 MILEPOST 432
22807+97 SECTION LINE
22796+50 TCST LOAD TYPE 3
22796+31 DIRT ROAD
22774+37 DIRT ROAD
22762+16 SECTION LINE
22757+92 DIRT ROAD
22754+80 MILEPOST 431
22751+15 TCST LOAD TYPE 1
22750+87 DIRT ROAD
22707+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	4072' (P1)	80' (P2)	4463' (P1)	80' (P2)	4305' (P1)	
PIPELINE	22837+43	22796+71 / 22794+91		22751+28 / 22750+48	22707+43	
PIPESAKS	297' (4) (SA) 22834+45					
COATING CODE (SEE TABLE)	13000' (C1)					
DESIGN FACTOR	.80	.72	.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 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
3302	GENUS LP
3301	GENUS LP
3302	GENUS LP
3303	GENUS LP

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12840
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	160
C1	PIPE COATING TYPE 1	13000
SA	SCREW ANCHOR	4

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

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. 22707+43 TO STA. 22837+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 38N/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-177		Sheet: 176of273	Rev: C

Jan 14, 2010 – 15:42AM

IMPLEMENTATION PLAN 05/24/2010