LAND																	
LINE LIST	11	10	9	8	7	6	5	4	3	2	1.5	001
LAND PLAT NUMBER	995	2940	1437	2775	63	755	833	1420	1146	1540	60	547
PIPELINE STATION	143+11	133+16	103+76	89+29	61+64	61+01	53+46	47+13	32+93	21+47	6+07	5+47	0+00
HORIZONTAL DISTANCE													

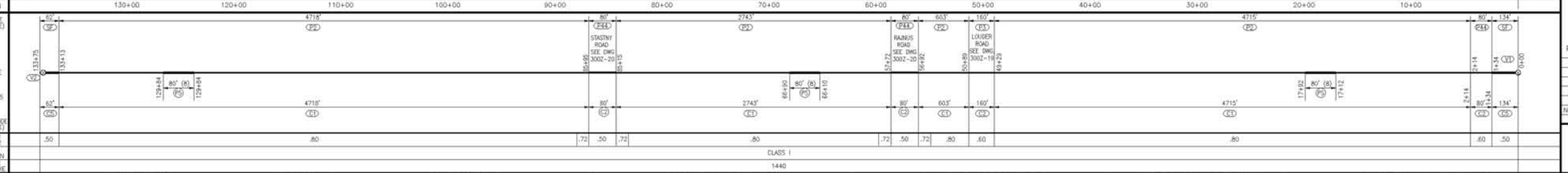
PIPELINE STATIONING

133+75 END STA.
133+75 HYDROSTATIC TEST MANIFOLD
133+75 MLV 2
133+68 END PARALLEL P/L 50 ft RT.
133+68 PI ∠ 90.00000° RT.
133+66 PI ∠ 63.0185° LT.
129+44 IRRIGATION CANAL
105+63 MILEPOST 2
101+89 TEST LOO TYPE 1
99+61 DIRT ROAD
90+24 PI ∠ 6.5212° LT.
87+85 END 165'W TEMP WORK SPACE
85+55 STASTNY ROAD (PAVED)
85+31 IRRIGATION CANAL
82+61 PI ∠ 8.3035° LT.
83+09 BGN 165'W TEMP WORK SPACE
69+17 END 165'W TEMP WORK SPACE
68+90 PI ∠ 17.4145° LT.
67+61 PI ∠ 17.4145° RT.
66+94 TEST LOO TYPE 3
66+79 CANAL
66+54 DIRT ROAD
66+23 CANAL
64+30 BGN 165'W TEMP WORK SPACE
61+91 PI ∠ 17.4145° RT.
61+59 PI ∠ 17.4145° LT.
59+67 END 165'W TEMP WORK SPACE
57+32 RAINUS ROAD (PAVED)
54+84 BGN 165'W TEMP WORK SPACE
52+80 MILEPOST 1
50+09 LOUDER ROAD
29+28 DIRT ROAD
22+68 PI ∠ 8.1436° LT.
19+85 END 165'W TEMP WORK SPACE
17+42 TEST LOO TYPE 1
17+41 CANAL
17+41 HIGH LINE CANAL
16+04 DIRT ROAD
13+06 BGN 165'W TEMP WORK SPACE
1+00 PI ∠ 7.1107° LT.
0+00 PI ∠ 7.1107° LT.
0+00 BEGIN STA.
1+84 MAIN LOOP ROAD
1+30 PI ∠ 43.5220° LT.
0+50 PI ∠ 43.5220° LT.
0+50 PI ∠ 90.0000° LT.
0+00 MLV 1
0+00 HYDROSTATIC TEST MANIFOLD
0+00 BEGIN STA.

ALIGNMENT STRIP MAP

PROFILE

MATERIAL



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 POWDERCRETE-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" = 200' VERTICAL

PROJECTION: UTM, NAD83, ZONE 10, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.

REVISIONS

RUBY PIPELINE LLC

OWNERSHIP

LL NO.	OWNERSHIP
001	VICTOR & PENELOPE TERRY
1.5	KLAMATH COUNTY
2	ERIC & CAROLYN R. STRUM
3	WALTER H. STATSNY FAMILY TRUST
4	DENNIS J. DUNLEA
5	DENNIS J. DUNLEA
6	WILLIAME SCHMIDLI FAMILY TRUST
7	KLAMATH COUNTY
8	WALTER H. STATSNY FAMILY TRUST
9	WOODLY CLARK TRUST
10	WOODLY CLARK TRUST
11	EDWIN J. JR. & DIANA F. STASTNY

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12779
P3	PIPE,42 OD X 0.600 IN WT, DSAW, API 5L GR X-70	160
P44	PIPE,42 OD X 0.865 IN WT, LSAW, API 5L GR X-70	240
SF	SHOP FAB	196
C1	PIPE COATING TYPE 1	12779
C2	PIPE COATING TYPE 2	400
C5	PIPE COATING TYPE 5	196
PS	PIPESAK	21
V1	MAIN LINE VALVE 1	1
V2	MAIN LINE VALVE 2	1

TBD – TO BE DETERMINED

FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

COATING DEFINITIONS

TYPE 1 – PLANT APPLIED COATING
EXTERIOR: 14-18 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, 12000#, SPACING TBD

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-19	TYPICAL OPEN CUT ROAD CROSSING
300Z-20	TYPICAL BORED ROAD CROSSING
301A-1_	PLAN/DETAILS – MLV-1
301A-1A	PLAN/DETAILS – MLV-2
300M6-02-1	PLOT PLAN – PIPING – TULE LAKE VALLEY MEASUREMENT FACILITY

ENVIRONMENTAL NOTES

ALIGNMENT SHEET
MALIN LATERAL
301A-42"

STA. 0+00 TO STA. 138+13

Division:	ROCKY MOUNTAIN		Op. Area:	ELKO	
State:	OREGON		Co./Par.:	KLAMATH	
Section:	–	Township:	41S	Range:	21E
Drafter: DLM	Date: 01/23/09	Project ID: 135188		Type:	
Chk'd: G	Date: 01/23/09	Scale: AS SHOWN		CIVL_3D	
Appr: JJJ	Date: 01/23/09	Filename: 0301-A-0001			

301A-1

Sheet: 1 of 1 Rev.

IMPLEMENTATION PLAN 05/29/2010

Jan 15, 2010 - 3:32PM