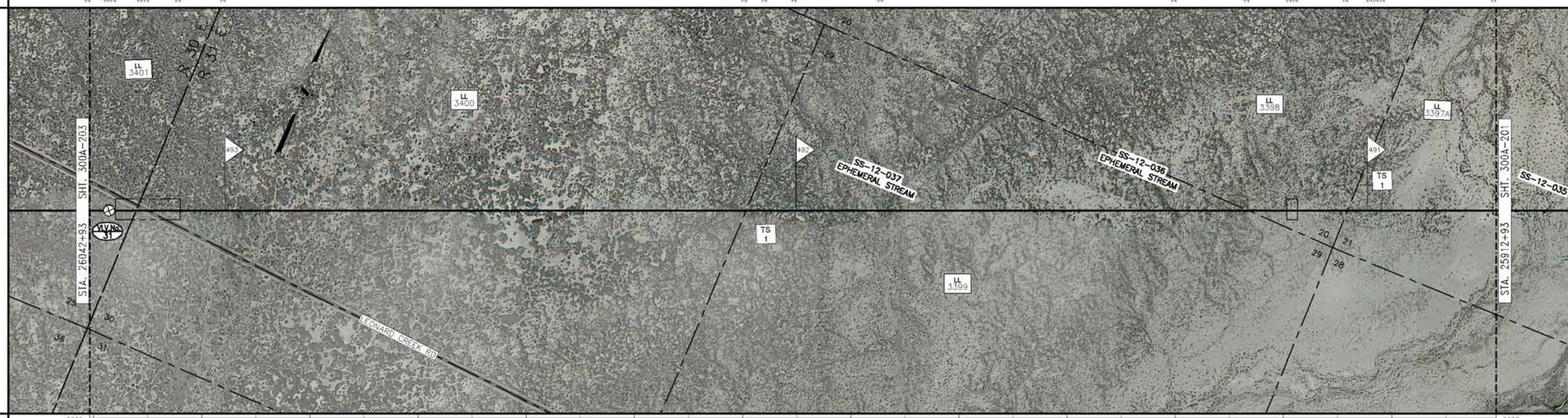
LAND					
LINE LIST	3401	3400	3399	3398	3397A
LAND PLAT NUMBER					
PIPELINE STATION	26042+93 / 26038+62	25982+22		25935+77	25926+64 / 25912+93
HORIZONTAL DISTANCE	431 FT	5640 FT	4646 FT	912 FT	1371 FT

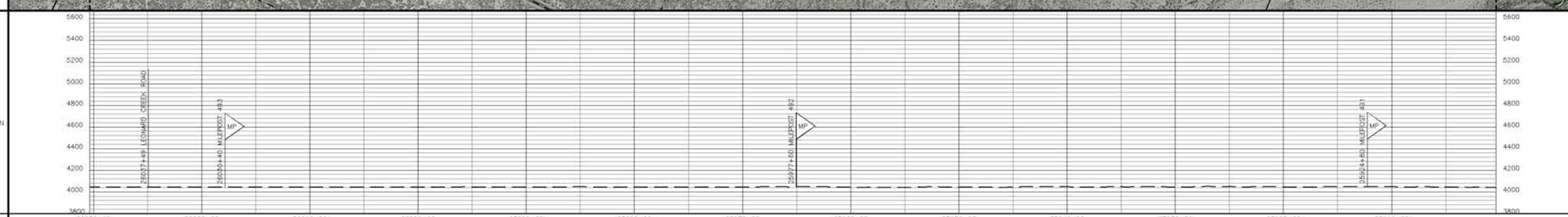
PIPELINE STATIONING

26042+93 MATCHLINE
26041+13 MLV 31
26040+56 END 195'W/BOA 115'W TEMP WORK SPACE
26035+62 RANGE LINE
26031+49 LEONARD CREEK ROAD
26034+56 END 115'W/BOA 195'W TEMP WORK SPACE
26030+40 MILEPOST 493
25982+22 SECTION LINE
25980+56 TEST LEAD TYPE 1
25977+60 MILEPOST 492
25969+64 DRAINAGE
25942+47 DRAINAGE
25935+77 SECTION LINE
25932+27 END 115'W/BOA 115'W TEMP WORK SPACE
25931+27 END 115'W/BOA 195'W TEMP WORK SPACE
25926+64 SECTION LINE
25924+80 MILEPOST 491
25924+80 TEST LEAD TYPE 1
25923+24 DIRT ROAD
25912+93 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	P1 68' / P2 80' / 5F 63' / P2 25.3' / P3 160' / P1 12376'
PIPELINE	26042+93; 26042+25; 26041+45; 26041+13; 26040+92; 26038+29; 26036+69; 25912+93 — MLV 31 SEE DWG 300A-200A; LEONARD CREEK ROAD SEE DWG 300Z-13
PIPESAKS	V31
COATING CODE (SEE TABLE)	C1 148' / C5 63' / C1 12789'
DESIGN FACTOR	.80 / .72 / .50 / .72 / .60 / .80
CLASS LOCATION	CLASS I
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/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
3397A	BLM
3398	BLM
3399	BLM
3400	BLM
3401	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	12444
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	333
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	168
5F	SHOP FAB	63
V31	MAIN LINE VALVE 31	1
C1	PIPE COATING TYPE 1	12937
C5	PIPE COATING TYPE 5	63

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 3" 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
300A-202A	PLAN/DETAILS – MLV-31

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. 25912+93 TO STA. 26042+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 42N	Range: 30E/31E	
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-196.DWG	

300A-202

Sheet: 203of273 Rev: C

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 - 11:30AM