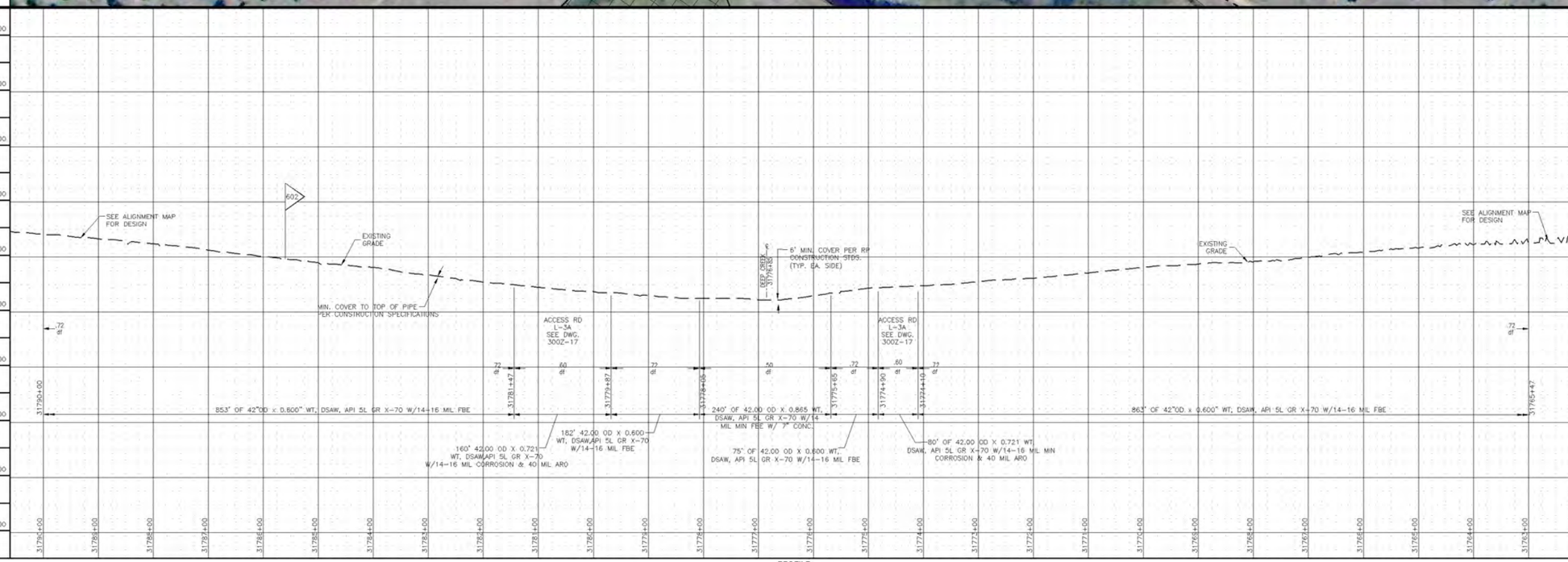
PIPELINE STATIONING

37785+80 MILEPOST 602
37781+93 END 115'W/BGN 115'W TEMP WORK SPACE
37780+27 ACCESS RD L-3A
37780+52 STAGING AREA
37780+75 DRAINAGE & END WETLAND
37780+13 BGN WETLAND & DRAINAGE
37778+51 TEST LEAD TYPE 1
37778+57 DRAINAGE & END WETLAND &
END 75'W/BGN 115'W TEMP WORK SPACE
37778+52 STAGING AREAS
37777+97 BGN WETLAND & DRAINAGE &
END 115'W/BGN 75'W TEMP WORK SPACE
37776+85 DEEP CREEK
37776+95 51' TIE TO WATER SOURCE
37776+59 DRAINAGE & END WETLAND &
END 75'W/BGN 115'W TEMP WORK SPACE
37776+55 BGN WETLAND & DRAINAGE
37776+54 END 115'W/BGN 75' TEMP WORK SPACE
37776+34 TEST LEAD TYPE 1
37774+33 P.I. = 8°53'30" LT.
37774+10 DRAINAGE
37774+30 ACCESS TO L-3A
37774+29 END 115'W/BGN 115'W TEMP WORK SPACE
37774+12 HYDROSTATIC TEST MANIFOLD
37767+70 P.I. = 8°53'30" RT.

PIPELINE STATIONING

ALIGNMENT

ALIGNMENT



PROFILE

REFERENCE DRAWINGS

300A-247	ALIGNMENT SHEET
3002-17	ACCESS ROAD

1. THIS PIPELINE INSTALLED UNDER CODE: TITLE 49, PART 192 CFR, CLASS 1.
2. THERE WILL BE LIMITED ACCESS, NO PARKING, NO REFUELING, NO VEHICLE MAINTENANCE, NO STORAGE WITHIN 100 FT. OF EACH HIGH BANK
3. CONSTRUCTION OF THE PIPELINE AT THE RIVER SHALL BE PERFORMED IN SUCH MANNER AS TO KEEP TO A MINIMUM DAMAGE TO SHORELINE, WATER CROSSED, AND FISH AND WILDLIFE HABITATS.
4. EROSION CONTROL DEVICES WILL BE INSTALLED AND INSPECTED AND MAINTAINED BY THE CONTRACTOR. SILT FENCE OR HAY BALES SHALL BE MAINTAINED ACROSS THE PIPELINE R/W AT BOTH SIDES OF THE RIVER CROSSING.
5. FOLLOWING CONSTRUCTION, THE RIVER BOTTOM SHALL BE RETURNED TO IT'S ORIGINAL CONTOUR AND GRADIENT.
6. TOPSOIL AND APPROACH SPOIL SHALL BE KEPT SEPARATE. AFTER INSTALLATION OF THE PIPE, THE SPOIL SHALL BE REPLACED TO IT'S ORIGINAL LOCATION.
7. EXCEPT TO PROVIDE VEHICLE EQUIPMENT ACCESS, RIVER BANKS WILL BE GRADED JUST PRIOR TO CONSTRUCTION OF THE CROSSING. A 10 FT. VEGETATED BUFFER STRIP, EXCEPT FOR VEHICLE CROSSING, ON BOTH SIDES OF THE CROSSING SHALL BE MAINTAINED AND ONLY CUT PRIOR TO CONSTRUCTION OF THE CROSSING
8. PRIOR TO ACTUAL INSTALLATION, THE PIPE SHALL BE WELDED ON THE BANK AND PULLED OR CARRIED FOR CROSSING.
9. CONTRACTOR SHALL MINIMIZE THE NUMBER OF TREES TO BE REMOVED. ORANGE BARRICADE FENCING TO BE INSTALLED AROUND MARKED TREES TO REMAIN IN PLACE.
10. A MINIMUM OF SIX (6) FEET COVER TO TOP OF PIPE SHALL BE REQUIRED. COVER SHALL BE MEASURED FROM THE TOP OF THE PIPELINE TO THE ORIGINAL CREEK BED ELEVATION.
11. RIPARIAN CANOPY OR STABILIZING VEGETATION REMOVAL SHALL BE KEPT TO A MINIMUM. CRUSHING OR SHEARING STREAMSIDE WOODY VEGETATION IS PREFERABLE TO COMPLETE REMOVAL.
12. IMMEDIATELY AFTER THE BACKFILLING OF PIPE, SEDIMENTATION CONTROL DEVICES (HAY BALES, SILT FENCE, ETC.) SHALL BE PLACED ACROSS THE R/W TO CONTROL SEDIMENT FROM THE R/W.

SITE SPECIFIC NOTES

1. CONTRACTOR MAY SHIFT WORK SPACE AND SPOIL SIDE THROUGH THE CROSSING AS REQUIRED FOR DITCHING AND INSTALLATION OF PIPE.
2. CONTRACTOR MUST MAKE EVERY EFFORT TO SAVE ANY WOODY VEGETATION. BY WELDING PIPE IN THE TEMPORARY WORK SPACE AND DRAGGING OR CARRYING THE PIPE IN PLACE. THE WORK LIMITS SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.
3. ACTUAL CROSSING MUST BE INSTALLED WITHIN A 36 HOUR DURATION.
4. NO DITCH SPOIL WILL BE PLACED IN THE CREEK.

DESIGN DATA

CODE: TITLE 49, PART 192 CFR, CLASS 1, df= .50,
PRESSURE: 1440 PSIG MAOP .60 & .72

SCALE, PROJECTION & SURVEY DATA

100' 50' 0 100' 200'

SCALE: 1"=100'HORIZONTAL
1"=100'VERTICAL

GPS SURVEY (G.P.S. TRIMBLE 5800 SERIES)
UTM ZONE 10, NAD83 (US FT), NAVD88, GEOID03

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
B	3/18/10	DLM	IMPLEMENTATION FILING	128576	LAC
A	7/17/09	ATB	ISSUE FOR FERC FILING	128576	JJJ

REVISIONS

RUBY PIPELINE LLC

PLAN AND PROFILE
RUBY PIPELINE LN 300A-42 INCH
CROSSING DEEP CREEK

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: OREGON		Co./Par.: LAKE	
Section: 4	Township: 40S	Range: 22E	
Drafter: DLM	Date: 02/17/09	Project ID: 128576	Type:
Chk'd:	Date:	Scale: AS SHOWN	CIVIL3D
Appr:	Date:	Filename: 0300-A-247A	

300A-247A

Sheet: 1 of 1 Rev. B

IMPLEMENTATION PLAN 05/24/2010

Jan 15, 2010 - 4:30PM