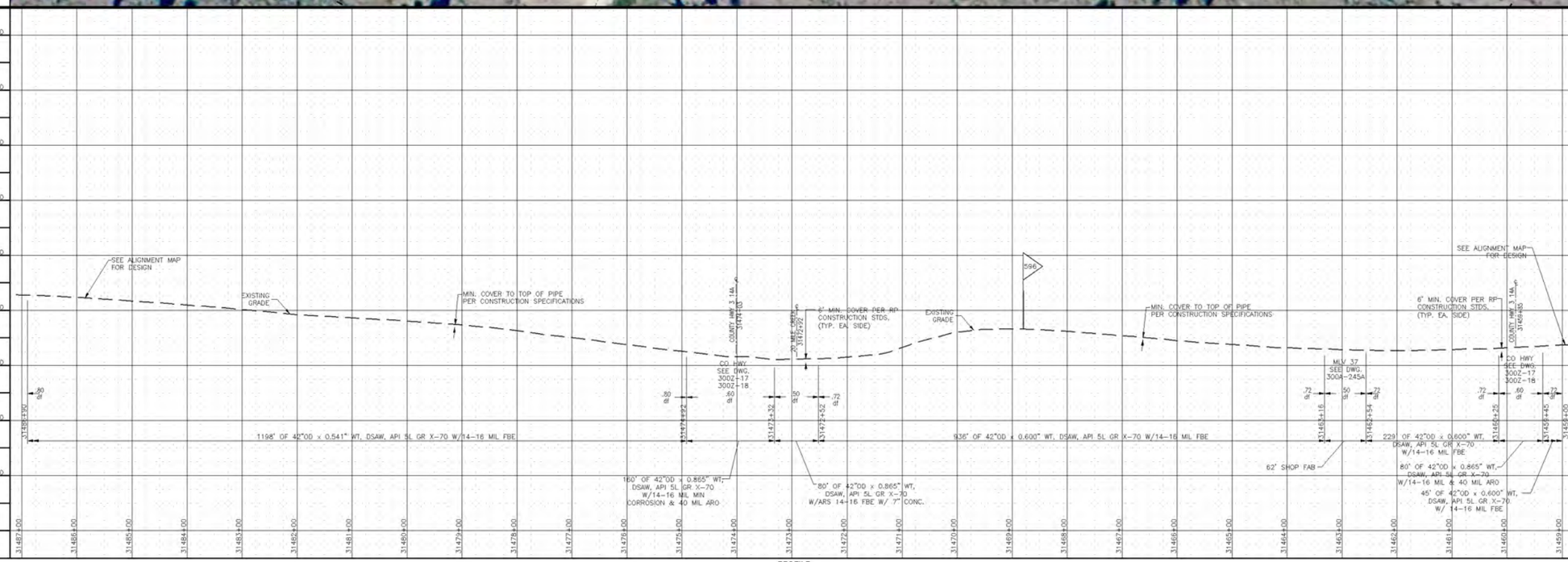
PIPELINE STATIONING

31476+84 END 195'W TEMP WORK SPACE
31474+34 END 195'W/BGN 195'W TEMP WORK SPACE
31474+03 COUNTY HWY 3-14A
31473+71 END 115'W/BGN 155'W TEMP WORK SPACE
31473+36 END WETLAND & DRAINAGE & BGN 75'W/END 32'W TEMP WORK SPACE
31472+92 20 MILE CREEK
31472+87 BGN WETLAND & BGN 75'W/END 115'W TEMP WORK SPACE
31472+37 BGN 115'W/END 195'W TEMP WORK SPACE
31469+28 BGN 195'W TEMP WORK SPACE
31468+80 MILEPOST 596
31464+80 PROPERTY LINE
31463+11 END 195'W TEMP WORK SPACE
31462+85 MLV 37

ALIGNMENT

PROFILE



REFERENCE DRAWINGS

300A-245	ALIGNMENT SHEET
300Z-17	CO HWY 344A
300Z-18	CO HWY 344A

GENERAL NOTES

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. MOST EQUIPMENT WILL ONLY REQUIRE A ONE-TIME CROSSING. MULTIPLE CROSSINGS, DURING PIPE INSTALLATION, SHALL BE KEPT TO A REASONABLE MINIMUM.
13. 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. AFTER PIPE INSTALLATION, DOZERS AND BACKHOES WILL BE ALLOWED IN THE RIVER TO BACKFILL THE DITCHES AS QUICKLY AS POSSIBLE.
4. ACTUAL CROSSING MUST BE INSTALLED WITHIN A 18 HOUR DURATION.
5. NO DITCH SPOIL WILL BE PLACED IN THE CREEK.
6. A TEMPORARY BRIDGE WILL BE PLACED ON WORKING SIDE FOR EQUIPMENT CROSSING IF WATER IS PRESENT.
7. CONTRACTOR MAY SUBSTITUTE PIPESAKS FOR CONCRETE.

DESIGN DATA

CODE: TITLE 49, PART 192 CFR, CLASS 1, df= .50,.80 &.72
PRESSURE: 1440 PSIG MAOP

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	3/10/10	JDK	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 20 MILE CREEK

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: OREGON		Co./Par.: LAKE	
Section: 25	Township: 40S	Range: 22E	
Drafter: DLM	Date: 02/10/09	Project ID: 128576	Type:
Chk'd:	Date:	Scale: AS SHOWN	CIVIL3D
Appr:	Date:	Filename: 0300-A-245A	

300A-245A

Sheet: 1 of 1 Rev. B

IMPLEMENTATION PLAN 05/24/2010

Jan 15, 2010 - 1:53PM