



**NOTES**

- ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
- COORDINATES ARE BASED ON UTM.
- LOCATION OF AIR VALVES, WASHOUTS, BENDS AND OTHER FITTINGS AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER ON SITE.
- PIPES ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0M. WHERE COVER IS LESS THAN 1.0M THE PIPES TO BE SURROUNDED WITH CONCRETE.
- ALL BENDS HORIZONTAL AND VERTICLE ARE AS SHOWN UNLESS OTHERWISE STATED BY THE ENGINEER.

**LEGEND:**

- PROPOSED PIPELINE
- EX GROUND PROFILE
- EX PIPELINE
- PIPE INVERT PROFILE
- RIVER
- CONTOUR
- ROADS
- CUT/FILL
- TRUE NORTH
- AIR VALVE
- DAV — DOUBLE AIR VALVE
- WASHOUT
- WO1 — WASHOUT TYPE 1
- WO2 — WASHOUT TYPE 2
- DN — NOMINAL DIAMETER
- PN — NOMINAL PRESSURE
- VB — VERTICAL BEND
- HB — HORIZONTAL BEND
- ER — EARTH ROAD
- GRAVEL ROAD

