


- NOTES**
1. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
  2. COORDINATES ARE BASED ON UTM.
  3. LOCATION OF AIR VALVES, WASHOUTS, BENDS AND OTHER FITTINGS AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER ON SITE.
  4. 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.
  5. 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
  - ROADS
  - CUT/FILL
  - TRUE NORTH
  - AIR VALVE
  - DAV — DOUBLE AIR VALVE
  - WASHOUT
  - DN — NOMINAL DIAMETER
  - PN — NOMINAL PRESSURE
  - VB — VERTICAL BEND
  - HB — HORIZONTAL BEND

 <b>NAIROBI CITY WATER &amp; SEWERAGE COMPANY LIMITED P O BOX 30656-00100 NAIROBI</b>	<b>PROJECT</b> MBAGATHI HIGHRISE KIBERA WATER (PLAN SHEET )	<b>SURVEY WORK</b>			<b>DESIGN WORK</b>			<b>APPROVED</b>  Eng. Lucy N. Macharia  SIGN. _____ TECHNICAL DIRECTOR	<b>DATE</b>	DECEMBER 2020
		SURVEYED	T. OUMA	SIGN.	DESIGNED	W. OPUCH	SIGN.		<b>SCALE</b>	HOR: 1 : 2000
		DRAWN	C. M. MACHUNIA	SIGN.	DRAWN	C.M.MACHUNIA	SIGN.		<b>FIELD BOOK NO.</b>	NCWS/TEC/ENG/004/
		CHECKED	I. MUTHAMA	SIGN.	CHECKED	Eng. D. MANORE	SIGN.		<b>DRG No.</b>	NCWS/TEC/ENG/004/S/