

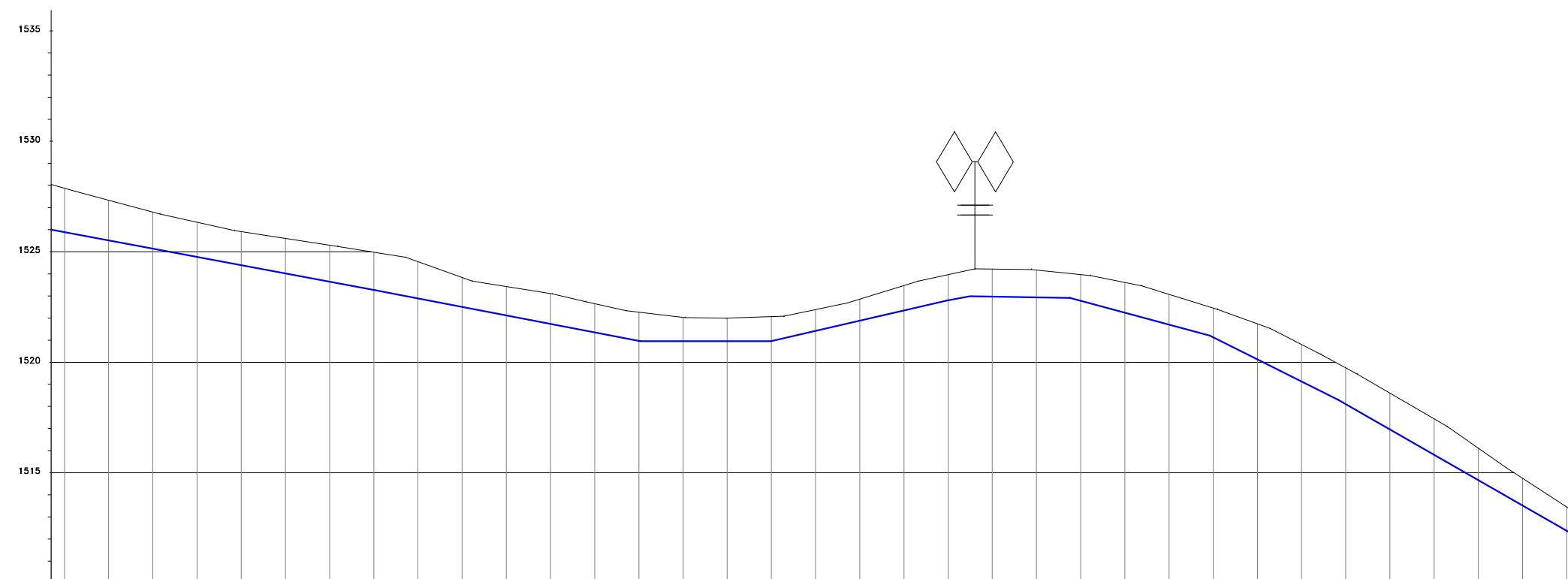
NOTES

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. GROUND AND INVERT LEVEL SHOWN ARE AS SHOWN ON DRAWING UNLESS OTHERWISE INDICATED ON SITE BY THE ENGINEER.
5. PIPES ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0M WHERE COVER IS LESS THAN THIS, PIPE TO BE SURROUNDED WITH CONCRETE.
6. ALL BENDS ARE HORIZONTAL UNLESS OTHERWISE STATED.
7. IN WATER LOGGED AREAS, PIPES TO BE BEDDED WITH SINGLE SIZED OR GRADED AGGREGATES AS PER CLAUSE 430.1 AND 216 OF TECHNICAL SPECIFICATIONS AND/OR ANCHOR BLOCKS AS MAY BE DIRECTED ON SITE BY THE ENGINEER.

LEGEND:

- PROPOSED PIPELINE
- EXISTING GROUND PROFILE
- PIPE INVERT PROFILE
- EXISTING ROAD
- AIR VALVE
- DOUBLE AIR VALVE
- WASHOUT
- WO1 - WASHOUT TYPE 1
- WO2 - WASHOUT TYPE 2
- DN - NOMINAL DIAMETER
- PN - NOMINAL PRESSURE
- VB - VERTICAL BEND
- HB - HORIZONTAL BEND
- EXISTING STRUCTURE
- ER - EARTH ROAD
- GR - GRAVEL ROAD
- CUT

KIANGORO LATERAL



FOR CONSTRUCTION

REV	REVISIONS	BY	CHKD	DATE	APPROVED
		BY	CHECKED		
		BY	CHECKED		
		BY	CHECKED		
		BY	CHECKED		

CLIENT

TANA WATER WORKS DEVELOPMENT AGENCY
P. O. BOX 1292-10100
NYERI

PROJECT
NGARIAMA NJUKIINI WATER PROJECT

Civil/Structural Engineers

TANA WATER WORKS DEVELOPMENT AGENCY
P. O. BOX 1292-10100
NYERI

Drawing Title
NGARIAMA NJUKIINI WATER PROJECT
TEE OFF TO KIANGORO PIPELINE
PLAN AND PROFILE (SHEET 4 OF 4)

Designed by DWN	Drawn by EWN
Checked by JMM	Approved by
Scale AS SHOWN (A1)	Date MAY, 2022
Job No. 1	ACAD File:

CHAINAGE (m)	ORIGINAL GROUND LEVEL (m.a.s.l.)	PIPELINE INVERT LEVEL (m.a.s.l.)	TRENCH DEPTH (m)	PIPE SLOPE	PIPE DIA. & MAT.	PIPE FITTINGS
2+044	1526.000	1525.044	2+754	-1:735.22	PN10 160 MM HDPE PIPE	A.V
	1525.888	1527.875	2+760			
	1525.514	1527.330	2+780			
	1525.139	1526.793	2+800			
	1524.765	1526.336	2+820			
	1524.391	1525.914	2+840			
	1524.017	1525.608	2+860			
	1523.643	1525.297	2+880			
	1523.269	1524.983	2+900			
	1522.895	1524.657	2+920			
	1522.500	1524.336	2+940			
	1522.116	1523.429	2+960			
	1521.731	1523.113	2+980			
	1521.347	1522.652	3+000			
	1520.962	1522.264	3+020			
	1520.449	1522.028	3+040			
	1520.048	1521.994	3+060			
	1520.866	1522.060	3+080			
	1521.418	1522.380	3+100			
	1521.881	1522.656	3+120			
	1522.343	1523.476	3+140			
	1522.804	1523.965	3+160			
	1523.272	1524.214	3+180			
	1523.839	1524.170	3+200			
	1524.385	1523.970	3+220			
	1524.844	1523.609	3+240			
	1525.303	1523.072	3+260			
	1525.768	1522.453	3+280			
	1526.228	1521.739	3+300			
	1526.689	1520.801	3+320			
	1527.143	1519.742	3+340			
	1527.598	1518.598	3+360			
	1528.053	1517.453	3+380			
	1528.507	1516.111	3+400			
	1528.961	1514.754	3+420			
	1529.415	1513.451	3+440			
	1529.869	1512.148	3+460			
	1530.323	1510.845	3+480			
	1530.777	1509.542	3+500			