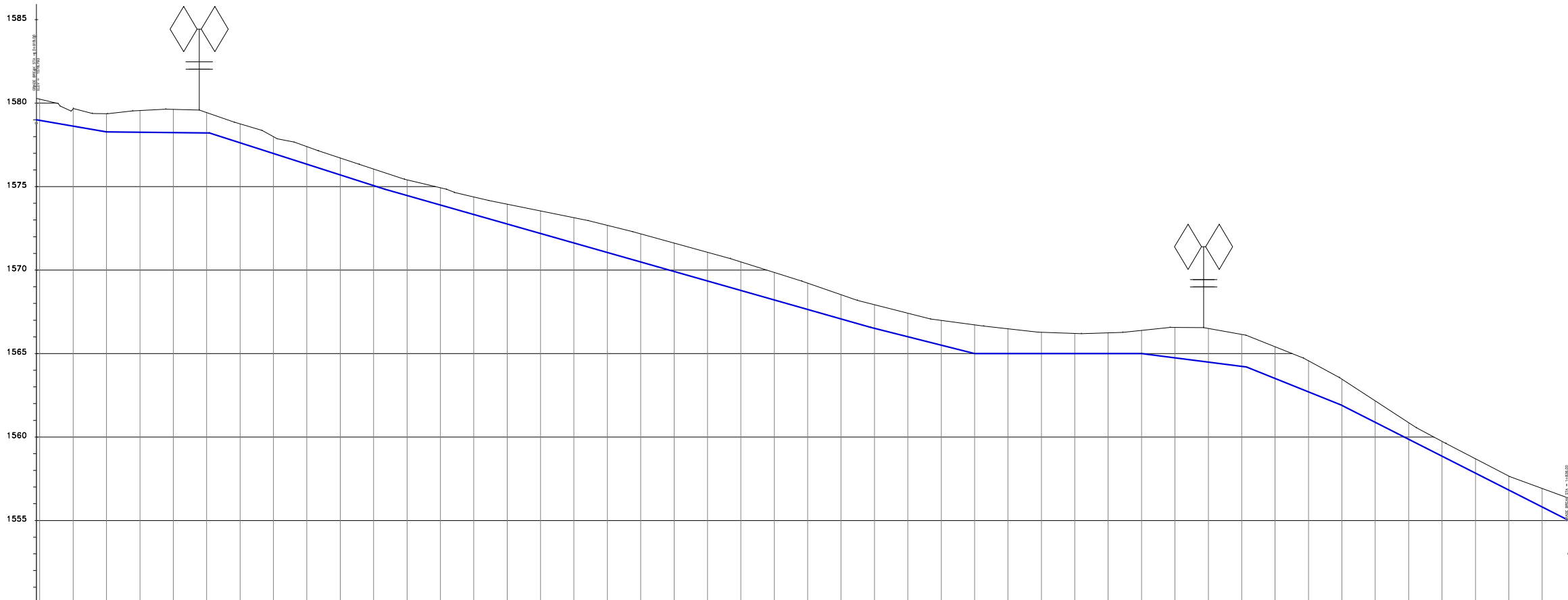


- NOTES**
1. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
 2. COORDINATES ARE BASED ON UTM.
 3. LOCATION OF AIR VALVES, WASHOUTS, BENDS AND OTHER FITTINGS AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER ON SITE.
 4. GROUND AND INVERT LEVEL SHOWN ARE AS SHOWN ON DRAWING UNLESS OTHERWISE INDICATED ON SITE 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
 - 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
 - ▨ — EXISTING STRUCTURE
 - ER — EARTH ROAD
 - GR — GRAVEL ROAD
 - CUT


KIANGORO LATERAL



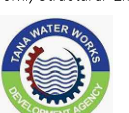
FOR CONSTRUCTION

REV	REVISIONS	BY	DATE	APPROVED
		CHECKED		
		CHECKED		
		CHECKED		
		CHECKED		

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
920	1579.002	1578.000	1.002			
925	1578.663	1578.620	0.043			
930	1579.372	1579.275	1.096			
935	1579.557	1579.256	1.301			
940	1579.627	1579.237	1.390			
945	1579.436	1579.218	1.218			
950	1578.761	1577.628	1.133			
955	1577.993	1576.987	1.005			
960	1577.399	1576.346	1.052			
965	1576.720	1575.705	1.015			
970	1576.054	1575.064	0.990			
975	1575.403	1574.471	0.931			
980	1574.931	1573.902	1.029			
985	1574.383	1573.334	1.049			
990	1573.847	1572.765	1.182			
995	1573.345	1572.196	1.149			
1000	1572.170	1571.627	1.517			
1005	1572.684	1571.058	1.626			
1010	1572.170	1570.489	1.681			
1015	1571.619	1569.921	1.698			
1020	1571.067	1569.352	1.715			
1025	1570.491	1568.783	1.708			
1030	1569.862	1568.214	1.648			
1035	1569.221	1567.645	1.576			
1040	1568.583	1567.076	1.447			
1045	1567.924	1566.514	1.410			
1050	1567.420	1566.010	1.411			
1055	1566.991	1565.505	1.486			
1060	1566.720	1565.000	1.720			
1065	1565.686	1564.500	1.486			
1070	1566.280	1564.000	1.280			
1075	1566.205	1563.500	1.205			
1080	1566.384	1563.000	1.384			
1085	1566.559	1562.745	1.814			
1090	1566.499	1562.491	2.008			
1095	1566.140	1562.236	1.904			
1100	1565.403	1561.510	1.893			
1105	1564.587	1560.707	1.880			
1110	1563.462	1561.897	1.565			
1115	1562.160	1560.883	1.277			
1120	1560.858	1560.869	0.990			
1125	1559.740	1558.854	0.886			
1130	1558.698	1557.840	0.858			
1135	1557.659	1556.826	0.833			
1140	1556.919	1556.811	1.108			
1145	1556.336	1556.000	1.336			

CLIENT

TANA WATER WORKS DEVELOPMENT AGENCY
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 NYERI

PROJECT
NGARIAMA NJUKIINI WATER PROJECT

Civil/Structural Engineers

TANA WATER WORKS DEVELOPMENT AGENCY
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 NYERI

Drawing Title
NGARIAMA NJUKIINI WATER PROJECT
TEE OFF TO KIANGORO PIPELINE
PLAN AND PROFILE (SHEET 2 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:
C STATUS	DRAWING No:JWWDA/NNWP/TK-002
CO REV	