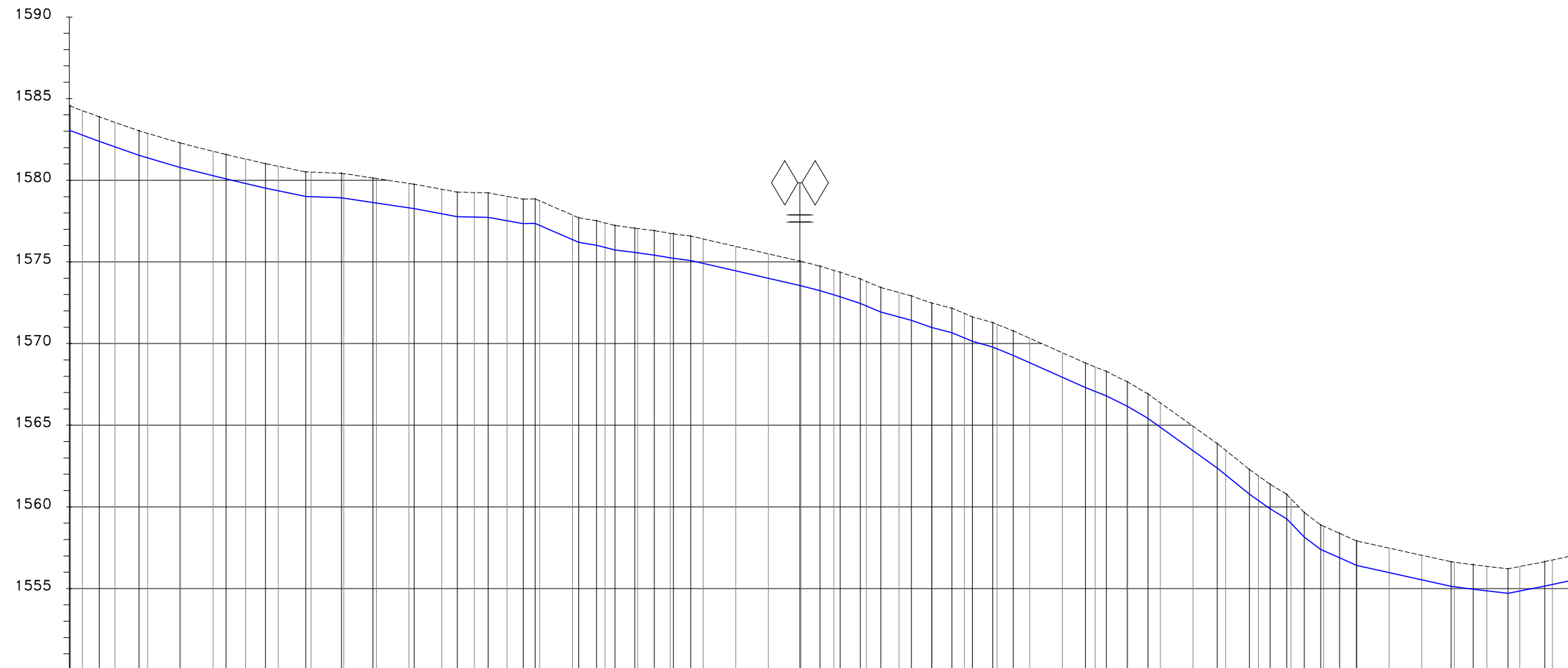


TREATED WATER MAIN



CHAINAGE (m)	EXISTING GROUND LEVEL (m)	INVERT LEVELS (m)	H.G.L (m) DATUM (m)
3+680.0	1584.27	1582.77	1611.36
3+700.0	1583.54	1582.04	1609.74
3+720.0	1582.87	1581.37	1608.12
3+740.0	1582.28	1580.78	1606.50
3+760.0	1581.78	1580.28	1605.93
3+780.0	1581.30	1579.80	1605.92
3+792.0	1581.02	1579.52	1605.90
3+800.0	1580.86	1579.36	1605.90
3+820.0	1580.50	1579.00	1605.88
3+840.0	1580.41	1578.91	1605.86
3+860.0	1580.11	1578.61	1605.84
3+880.0	1579.81	1578.31	1605.82
3+900.0	1579.45	1577.95	1605.81
3+909.6	1579.27	1577.77	1605.80
3+920.0	1579.25	1577.75	1605.79
3+940.0	1579.02	1577.52	1605.77
3+960.0	1578.74	1577.24	1605.75
3+980.0	1577.87	1576.37	1605.73
4+000.0	1577.38	1575.88	1605.71
4+020.0	1577.05	1575.55	1605.70
4+040.0	1576.75	1575.25	1605.68
4+060.0	1576.41	1574.91	1605.66
4+080.0	1575.95	1574.45	1605.64
4+100.0	1575.49	1573.99	1605.62
4+120.0	1575.03	1573.53	1605.61
4+140.0	1574.49	1572.99	1605.59
4+160.0	1573.80	1572.30	1605.57
4+180.0	1573.12	1571.62	1605.55
4+200.0	1572.48	1570.98	1605.53
4+220.0	1571.84	1570.34	1605.51
4+240.0	1571.18	1569.68	1605.50
4+260.0	1570.33	1568.83	1605.48
4+280.0	1569.44	1567.94	1605.46
4+300.0	1568.57	1567.07	1605.44
4+320.0	1567.64	1566.14	1605.42
4+340.0	1566.37	1564.87	1605.40
4+360.0	1564.94	1563.44	1605.39
4+380.0	1563.46	1561.96	1605.37
4+400.0	1561.90	1560.40	1605.35
4+420.0	1560.50	1559.00	1605.33
4+440.0	1558.81	1557.31	1605.31
4+460.0	1557.92	1556.42	1605.30
4+480.0	1557.48	1555.98	1605.28
4+500.0	1557.04	1555.54	1605.26
4+520.0	1556.61	1555.11	1605.24
4+540.0	1556.36	1554.86	1605.22
4+552.9	1556.20	1554.70	1605.21
4+560.0	1556.34	1554.84	1605.20
4+580.0	1556.75	1555.25	1605.19

PN10 315 MM HDPE PIPE

A.V

0.0231M3/S

- 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.
 - GROUND AND INVERT LEVEL SHOWN ARE AS SHOWN ON DRAWING UNLESS OTHERWISE INDICATED ON SITE BY THE ENGINEER.
 - 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.
 - ALL BENDS ARE HORIZONTAL UNLESS OTHERWISE STATED.
 - 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

FOR CONSTRUCTION

REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
GO	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
TREATED WATER GRAVITY MAIN
PLAN AND PROFILE (SHEET 5 OF 17)

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