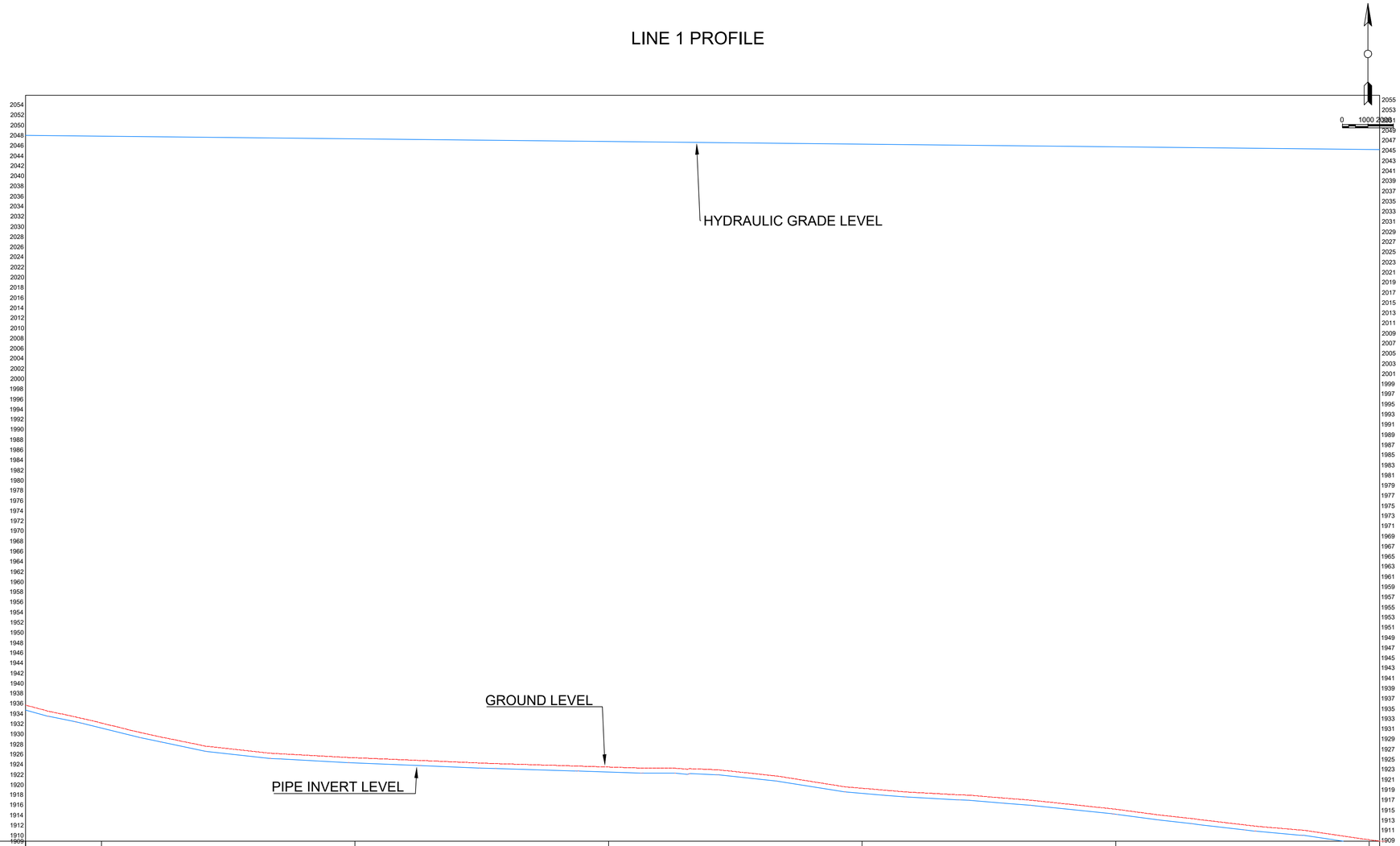
LINE 1 PROFILE



CHAINAGE	2+670	2+700	2+800	2+900	3+000	3+100	3+200	3+204
ORIGINAL GROUND LEVEL	1935.68	1934.37	1932.13	1929.75	1927.69	1926.54	1925.82	1925.29
	1924.87	1924.46	1924.07	1923.77	1923.46	1922.98	1922.03	1920.61
	1919.28	1918.48	1917.95	1917.18	1916.22	1915.14	1913.85	1912.70
	1911.59	1910.57	1909.12	1908.85				
PIPE INVERT LEVEL	1934.68	1933.37	1931.13	1928.75	1926.69	1925.54	1924.82	1924.29
	1923.87	1923.46	1923.07	1922.77	1922.46	1922.25	1921.98	1921.03
	1919.61	1918.28	1917.48	1916.95	1916.18	1915.22	1914.14	1912.85
	1911.70	1910.59	1909.57	1908.12	1907.85			
HYDRAULIC GRADE LEVEL	2047.99	2047.93	2047.83	2047.72	2047.61	2047.51	2047.40	2047.29
	2047.19	2047.08	2046.97	2046.87	2046.76	2046.65	2046.55	2046.44
	2046.33	2046.23	2046.12	2046.01	2045.91	2045.80	2045.69	2045.59
	2045.48	2045.37	2045.27	2045.16	2045.14			
FLOW PARAMETERS	0.0217M³/S							
PIPE INFO	160MM PN 12.5 HDPE PIPE							
	160MM PN 12.5 HDPE PIPE							
SURVEY REMARKS								

NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE
2. ALL SCALE GIVEN ARE FOR A1 PAPER SIZE
3. COORDINATES ARE BASED ON UTM.
4. LOCATION OF AIR VALVES, WASHOUTS, BENDS AND OTHER FITTINGS WILL BE AS DIRECTED BY THE ENGINEER ON SITE.
5. GROUND AND INVERT LEVEL SHOWN ARE AS SHOWN ON DRAWING UNLESS OTHERWISE INDICATED ON SITE BY THE ENGINEER.
6. 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.
7. ALL BENDS ARE HORIZONTAL UNLESS OTHERWISE STATED.
8. IN WATER LOGGED AREAS, PIPES TO BE BEDDED WITH SINGLE SIZED OR GRADED AGGREGATES AND/OR ANCHOR BLOCKS AS MAY BE DIRECTED ON SITE BY THE ENGINEER.

No.	Revision/Issue	Date

CLIENT

MATHIRA WATER & SANITATION COMPANY LTD

P.O BOX 1981 - 10101

KARATINA NYERI

PROJECT NAME :

IMPROVEMENT OF WATER SUPPLY TO

KIRIMUKUYU WARD MATHIRA WEST SUB - COUNTY

KIAMUCHERU _ MUBERETHI GRAVITY MAINLINE

Date:
OCTOMBER_2023

SHEET

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Pipe Line.dwt