



The graph displays two data series: the 2009-2010 season (red line) and the 2008-2009 season (green line). The y-axis represents Elevation in meters, ranging from 2095 to 2120. The x-axis represents Distance in kilometers, ranging from 0 to 10. The 2009-2010 season starts at approximately 2118.5m at 0 km and ends at approximately 2107.5m at 10 km. The 2008-2009 season starts at approximately 2117.5m at 0 km and ends at approximately 2106.5m at 10 km. Both seasons show a general downward trend, with the 2009-2010 season maintaining a higher elevation throughout the distance.

[illegible]

1. ALL LEVELS ARE IN METRES BASED ON NATIONAL DATUM.
2. ALL DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
3. THE LOCATION OF PIPES FROM EDGES OF ROADS, PLOT BOUNDARIES AND FENCES AS SHOWN ARE APPROXIMATE.
4. EXACT LOCATION OF UNDERGROUND SERVICES TO BE CROSSED BY PIPELINES TO BE DETERMINED BY THE CONTRACTOR WITH ASSISTANCE FROM THE RELEVANT AUTHORITY AND FULL RESPONSIBILITY FOR ANY DAMAGE LIES WITH THE CONTRACTOR.
5. THE ACTUAL SETTING OUT TO BE CONFIRMED ON SITE BY THE ENGINEER
6. MINIMUM COVER TOP ALL PIPES TO BE 1.0M

	PROPOSED WATER MAIN
	ROAD
	SPRING EYE
	STRUCTURES
	CONTOURS
	EL STATIC
	HGL
	ORIGINAL GROUND LEVEL
	PIPE INVERT LEVEL
S.A.V	SINGLE ORIFICE AIR VALVE USE AUTOMATIC AIR VALVE OR SMALL ORIFICE AIR VALVE
D.A.V	DOUBLE ORIFICE AIR VALVE USE LARGE ORIFICE AIR VALVE
S.V	SECTIONAL VALVE
W.O	WASHOUT
	STANDARD BEND



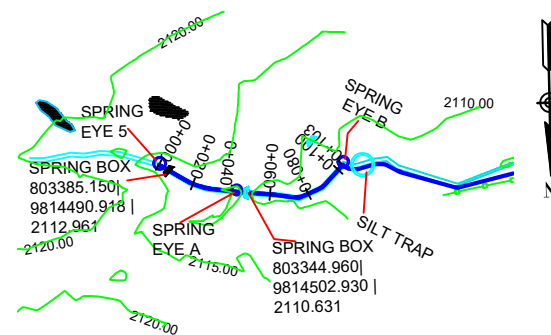
Amref Health Africa
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Nairobi Kenya
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LEPOLOSI WATER SUPPLY PROJECT

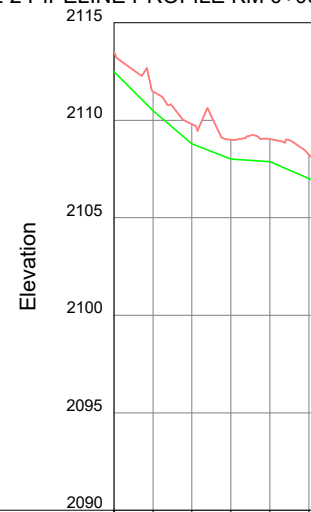
LINE 1 PIPELINE LAYOUT AND PROFILE
CHAINAGE 0+000 TO CHAINAGE 0+123

Drawn by	: S.O
Surveyed by	: N.W
Designed by	: J.A
Checked by	: J.A
Approved by	: J.A
Date	: MAY, 2023
Scale	: HS 1:2000 VS 1:200
Drg No.	: AMREF/LEP/LN1/01

[illegible]



LINE 2 PIPELINE PROFILE KM 0+000 TO KM 0+103



	CHAINAGE (Km+m)	0+000		0+020		0+060		0+080		0+100
	GROUND LEVEL (m amsl)	2113.479		2111.481		2109.791		2109.001		2108.225
	INVERT LEVEL (m amsl)	2112.479		2110.482		2108.791		2108.001		2107.225
	TRENCH DEPTH (m)	1.00		1.00		1.00		1.16		1.22
	PIPE LENGTH & GRADIENT	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%	L=20.13 S=-0.46%
	PIPE DETAILS									
	VALVE CHAMBER NUMBER									
	DESIGN FLOW (M ³ /day)									
	BEDDING DETAILS									
	HORIZONTAL BENDS									
	VERTICAL BENDS									

NOTES:

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5. THE ACTUAL SETTING OUT TO BE CONFIRMED ON SITE BY THE ENGINEER
6. MINIMUM COVER TOP ALL PIPES TO BE 1.0M

LEGEND:

- | | |
|---|---|
|  | PROPOSED WATER MAIN |
|  | ROAD |
|  | SPRING EYE |
|  | STRUCTURES |
|  | CONTOURS |
|  | EL STATIC |
|  | HGL |
|  | ORIGINAL GROUND LEVEL |
|  | PIPE INVERT LEVEL |
| S.A.V  | SINGLE ORIFICE AIR VALVE USE
AUTOMATIC AIR VALVE OR SMALL
ORIFICE AIR VALVE |
| D.A.V  | DOUBLE ORIFICE AIR VALVE
USE LARGE ORIFICE AIR
VALVE |
| S.V  | SECTIONAL VALVE |
| W.O  | WASHOUT |
|  | STANDARD BEND |

Client:



Amref Health Africa
P. O. Box 30125-00100
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Project:

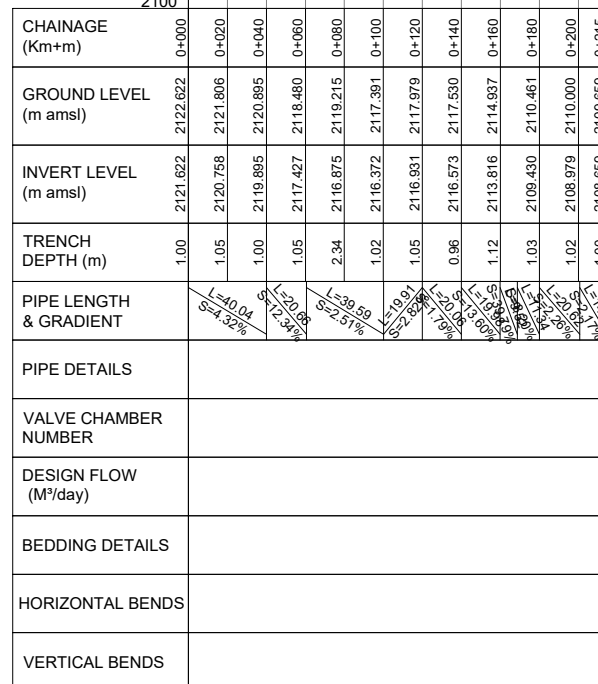
LEPOLOSI WATER SUPPLY PROJECT

Drawing Title:

LINE 2 PIPELINE LAYOUT AND PROFILE
CHAINAGE 0+000 TO CHAINAGE 0+103

Drawn by	: S.O
Surveyed by	: N.W
Designed by	: J.A
Checked by	: J.A
Approved by	: J.A
Date	: MAY, 2023
Scale	: HS 1:2000 VS 1:200
Drg No.	: AMREF/LEP/LN2/01

[illegible]



	PROPOSED WATER MAIN
	ROAD
	SPRING EYE
	STRUCTURES
	CONTOURS
	EL. STATIC
	HGL
	ORIGINAL GROUND LEVEL
	PIPE INVERT LEVEL
S.A.V	SINGLE ORIFICE AIR VALVE USE AUTOMATIC AIR VALVE OR SMALL ORIFICE AIR VALVE
D.A.V	DOUBLE ORIFICE AIR VALVE USE LARGE ORIFICE AIR VALVE
S.V	SECTIONAL VALVE
W.O	WASHOUT
	STANDARD BEND

[illegible]

[illegible]

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LEGEND:

- | | |
|---|---|
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|  | ROAD |
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|  | STANDARD BEND |

Client:



Amref Health Africa
P. O. Box 30125-00100
Nairobi Kenya
Email: info.kenya@amref.org

Project:

LEPOLOSI WATER SUPPLY PROJECT

Drawing Title:

SPRING TO LEPOLOSI PRIMARY
SCHOOL PROPOSED STORAGE TANK
LAYOUT AND PROFILE
CHAINAGE 0+000 TO CHAINAGE 1+123

Drawn by : S.O

Surveyed by : N.W

Designed by : J.A

Checked by : J.A

Approved by : J.A

Date : MAY, 2023

Scale · HS 1:2000 VS 1:2000

Drg No : AMBEE/EP/N4/0

[illegible]