



## DESIGN OF NAIROBI INFORMAL SETTLEMENTS - MOTHERLAND PROPOSED SEWER LINES

# MOTHERLAND

## SANITATION



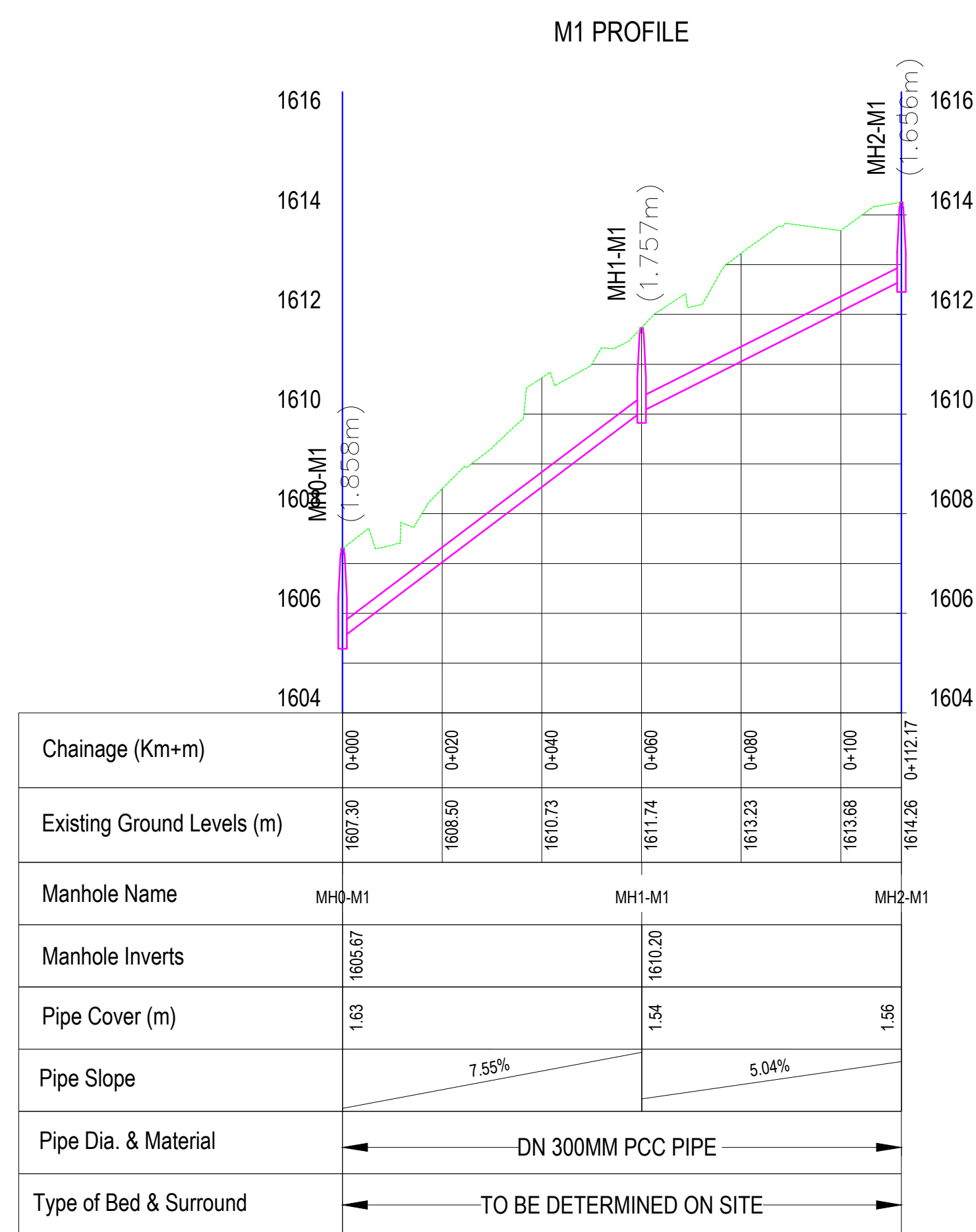
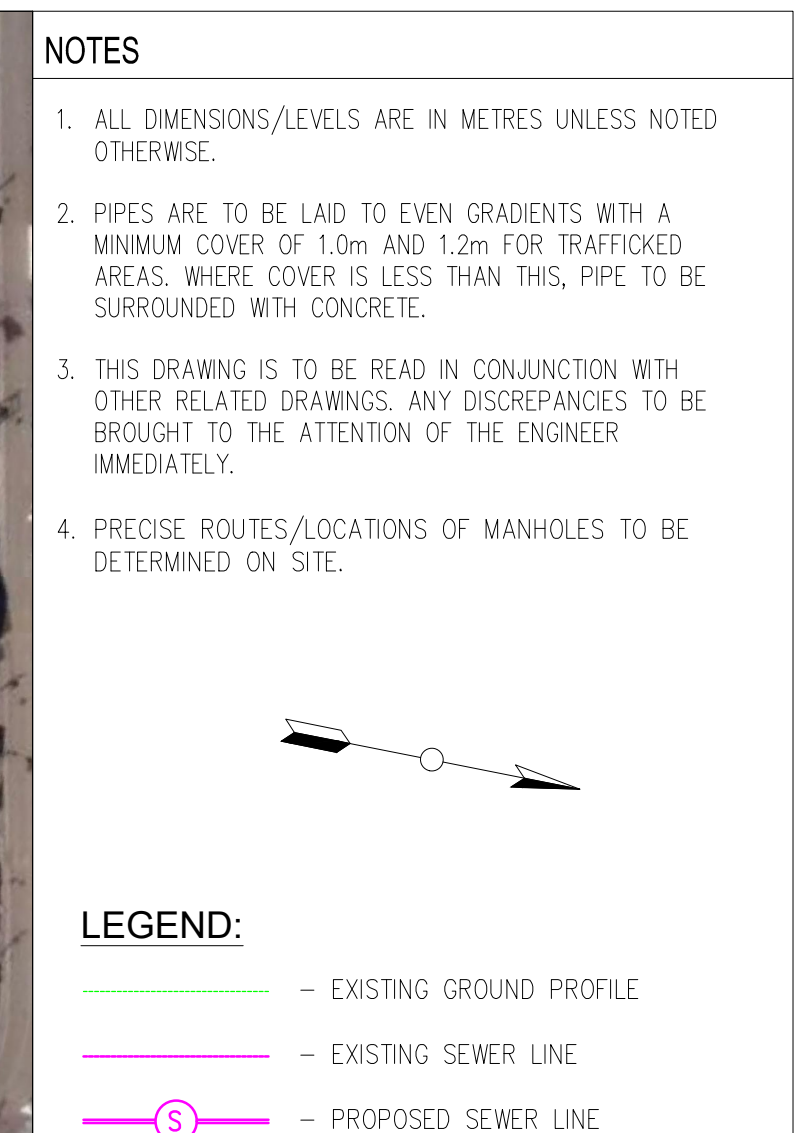
## DESIGN OF NAIROBI INFORMAL SETTLEMENTS - MOTHERLAND

### TENDER DOCUMENTS: BOOK OF DRAWINGS

#### DRAWING INDEX-MOTHERLAND PROPOSED WATER & SEWER SYSTEM

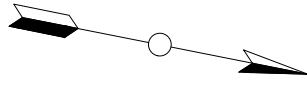
No.	Drawing No.	Drawing Title.
1.	<b>SEWER SYSTEM</b>	
2.	NAIROBI/INFORMAL SETTLEMENTS-MOTHERLAND/01	MOTHERLAND OVERALL PLAN SEWER (Sheet 1 of 1)
3.	NAIROBI/INFORMAL SETTLEMENTS-MOTHERLAND /02	MOTHERLAND LATERAL M1 (Plan and Profile Sheet 1 of 1)
4.	NAIROBI/INFORMAL SETTLEMENTS-MOTHERLAND/03	MOTHER LAND LATERAL M2 (Plan and Profile Sheet 1 of 1)
5.	NAIROBI/INFORMAL SETTLEMENTS-MATOPENI /04	MATOPENI LATERAL M3 (Plan and Profile Sheet 1 of 1)
6.	<b>WATER SYSTEM</b>	
7.	NAIROBI/INFORMAL SETTLEMENTS-MOTHERLAND/01	MOTHERLAND OVERALL PLAN SEWER (Sheet 1 of 1)





## NOTES

1. ALL DIMENSIONS/LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. PIPES ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0m AND 1.2m FOR TRAFFICKED AREAS. WHERE COVER IS LESS THAN THIS, PIPE TO BE SURROUNDED WITH CONCRETE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER RELATED DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
4. PRECISE ROUTES/LOCATIONS OF MANHOLES TO BE DETERMINED ON SITE.



### LEGEND:

– EXISTING GROUND PROFILE

– EXISTING SEWER LINE

S

– PROPOSED SEWER LINE

– RIVER/STREAM

S

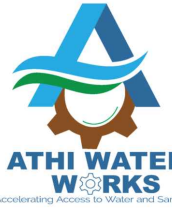
– MANHOLE

### PRELIMINARY ISSUE

Signed: Team Leader .....


REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			

**Client**




**ATHI WATER WORKS**  
ATHEI WATERWORKS CORPORATION

**Financier**



**AFD**  
AGENCE FRANÇAISE  
DE DEVELOPPEMENT




GOVERNMENT OF KENYA  
DEPT OF WATER AND IRRIGATION

**Project**


## NAIROBI INFORMAL SETTLEMENT PROJECT

**Design Consultants:**



**gath**  
GENERAL ARCHITECTURE & TRADING

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Muthangari Drive/off Waiyaki Way  
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**groupehuit**  
developpement urbain

Groupehuit Development Urbain  
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4 rue Viviani - CS 26220 44262 Nantes Cedex  
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**Drawing Title**

## PROPOSED NIS SEWERS PLAN AND PROFILE LATERAL M1

Designed by <b>SwM</b>	Drawn by <b>SwM</b>
Checked by <b>JN</b>	Approved by <b>JR</b>
Scale <b>H = 1:1000 V = 1:100</b>	Date <b>SEPTEMBER 2023</b>
Job No. <b>AWWDA/23</b>	ACAD File: <b>NIS</b>

0 STATUS

DWG. No.

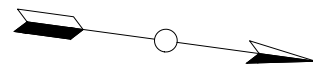
SHEET 1 OF 1

0 STATUS





- NOTES**
1. ALL DIMENSIONS/LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
  2. PIPES ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0m AND 1.2m FOR TRAFFICKED AREAS. WHERE COVER IS LESS THAN THIS, PIPE TO BE SURROUNDED WITH CONCRETE.
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  4. PRECISE ROUTES/LOCATIONS OF MANHOLES TO BE DETERMINED ON SITE.



- LEGEND:**
- EXISTING GROUND PROFILE
  - EXISTING SEWER LINE
  - PROPOSED SEWER LINE
  - RIVER/STREAM
  - MANHOLE

**PRELIMINARY ISSUE**

Signed: Team Leader .....

REV	REVISIONS		SIGN	DATE	APPROVED
		BY			
		CHECKED			
		BY			
		CHECKED			
		BY			
		CHECKED			
		BY			
		CHECKED			



Project

**NAIROBI INFORMAL SETTLEMENT PROJECT**

Design Consultants.

**gath**  
Gath Consulting Engineers  
Muthangari Drive/off Waiyaki Way  
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Drawing Title

**PROPOSED NIS SEWERS  
PLAN AND PROFILE  
LATERAL M2**

Designed by	SWM	Drawn by	SWM
Checked by	JN	Approved by	JR
Scale	H = 1:1,000 V = 1:100	Date	SEPTEMBER 2023
Job No.	AWWDA/23	ACAD File:	NIS
0 STATUS	DWG. No.	SHEET 1 OF 1	0 REV



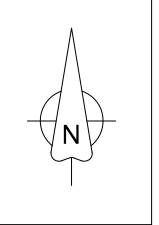


## DESIGN OF NAIROBI INFORMAL SETTLEMENTS - MOTHERLAND PROPOSED SEWER LINES

# MOTHERLAND

## WATER SUPPLY





LEGEND

- EXISTING WATER LINE
- PROPOSED WATER LINE
- PPD WATER KIOSK
- BH BOREHOLE

Client/Employer:

Financiers:

Consultants:



Revisions:

REV.	DATE	REMARKS

Notes:

DESIGNED BY: SM  
DRAWN BY: JGG  
CHECKED BY: JN  
APPROVED BY: JR  
SCALE: 1:1,000 (AT A1)

Project: DETAILED DESIGN, TENDER DOCUMENTATION, ESIA/RAP AND CONSTRUCTION SUPERVISION FOR WATER AND SANITATION WORKS IN THE NAIROBI INFORMAL SETTLEMENTS

Drawing Title:  
GENERAL LAYOUT  
MOTHERLAND - EXISTING AND PROPOSED WATER LINES  
SHEET 1 OF 1

Date: AUGUST 2023

Drg. No.  
NISP/WATER/GENERAL LAYOUT/01