



GENERAL CIVIL NOTES:
(UNLESS OTHERWISE NOTED)
(THE ENGINEER MEANS - THE ENGINEER OR HIS APPOINTED REPRESENTATIVE)

1. EARTHWORKS :

- THE CONTRACTOR IS TO IDENTIFY AND EXPOSE, WHERE RELEVANT ALL EXISTING UNDERGROUND SERVICES ON SITE.
- BACKFILL MATERIAL SHALL BE FREE OF ORGANIC MATTER, RESIDUAL SCHIST AND OVERSIEVE MATERIAL (BOULDERS) GRAVEL >100mm MAX 66% OF LAYER THICKNESS.
- PLANT SITE AREA TO BE BACKFILLED WITH STOCKPILED/BORROWED OR IMPORTED GRANULAR SOIL (G5) AND COMPACTED IN 150mm LAYERS TO 80% MOD AASHTO DENSITY. FINAL LAYER TO BE 150mm ABOVE NATURAL GROUND LEVEL AND COMPACTED TO 95% MOD AASHTO DENSITY.
- BACKFILL UNDER SURFACE BEDS COMPACTION OF G5 BACKFILL UNDER SURFACE BEDS SHALL BE DONE BY SPREADING IN LAYERS NOT EXCEEDING 150mm BEFORE COMPACTION. WATERED AND COMPACTED AT OR NEAR (±2%) THE OPTIMUM MOISTURE CONTENT TO A DENSITY OF NOT LESS THAN 95% MOD (MODIFIED) AASHTO, (BASE LAYER).

2. SEWER RETICULATION :

- MANHOLES ARE TO BE FINISHED FLUSH WITH FINAL GROUND LEVELS UNLESS OTHERWISE NOTED.
- TESTING IS TO BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATION OR RELEVANT SANS 2001-DP4 - SEWERS SPECIFICATION.
- NO TREES OR SHRUBS SHALL BE PLANTED WITHIN 2m OF ANY SEWER LINE.

SEWER SETTING-OUT POINTS

STRUCTURE NAME	Y-COORDINATES	X-COORDINATES
MH-01	+40075.980	+2977045.488
MH-02	+40071.510	+2977028.770
MH-03	+40101.881	+2977021.223
MH-04	+40101.881	+2977021.223
MH-05	+40133.838	+2976993.916
MH-07	+40099.784	+2976977.702
MH-09	+40180.175	+2976957.813

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DISCREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED. SCALING OF DRAWINGS IS NOT ADVISABLE.

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GEOTECH INFORMATION	
SOIL TYPE: C1 and Unified Soil Class (SC-SM)	
ASSUMED SOIL BEARING CAPACITY: <150 kPa	kPa
RECOMMENDED FOUNDATION TYPE: Reinforced Strip Foot Foundation	
RECOMMENDED FOUNDATION DEPTH: 0.6-1m	

REV. NO.	DATE	DESCRIPTION
A	2021-01-19	ISSUED FOR TENDER
B	2021-02-26	ISSUED FOR TENDER
C	2021-03-16	ISSUED FOR TENDER
D	2021-03-23	ISSUED FOR TENDER
E	2021-04-19	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

STAMPS:

PRINCIPAL AGENT

Mamadi & Company SA

Mamadi and Company SA
No. 1 Newtown Avenue,
Kilimney,
Johannesburg, 2193
Tel: 011 - 532 8659
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COMPETENT CONTACT PERSON: CONT. No: +2711 532 8659
FULL NAME: FIRM REG NO: 2016/01243707

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Lefapha la Thuto la Bokone Bophirima
Noord-Wes Departement van Onderwys
North West Department of Education
NORTH WEST PROVINCE

DISCIPLINE: **CIVIL**

PROJECT NAME: **SEDIKO PRIMARY SCHOOL**

EWIS NUMBER: 600101902

PROJECT STATUS: STAGE 1-3: CONCEPT, STAGE 4: TENDER, STAGE 5-6: CONSTRUCTION

DESCRIPTION: SEWER RETICULATION LAYOUT

SCALE: AS SHOWN

DRAWN: TINYIKO GIVEN MBHOKOTA, CHECKED: TINYIKO GIVEN MBHOKOTA

NAME OF COMPETENT PERSON: TINYIKO GIVEN MBHOKOTA

REG No: ECESA PR. 201470013, SIGNATURE: [Signature]

PROJECT NUMBER: RFP 263/2019, DATE: 2021-03-19

OCCUPANCY CLASSIFICATION: DBSA-JBT-S1-CIV-DWG-001, REV No: E

SANS 10400 & XA COMPLIANCE

CONDUTANCE	Rational Des. [Y] [N]	Standard Cal. [Y] [N]
SOLAR HEAT GAIN	Rational Des. [Y] [N]	Standard Cal. [Y] [N]
GEOGRAPHICAL ZONE	NBRs COMPLIANCE	
SITE PLAN	Yes [] No []	Yes [] No []
OTHER DRAWINGS	Yes [] No []	Yes [] No []

OTHER APPROVALS

Environmental Impact Assessment (EIA)	Mark with X [] [] [] []
South African Heritage Resources Agency (SAHRA)	Mark with X [] [] [] []
Department of Water and Sanitation (DWS)	Mark with X [] [] [] []
South African National Roads Agency (SANRAL)	Mark with X [] [] [] []
Other	Mark with X [] [] [] []

WATER SUPPLIER

MUNICIPALITY	Yes [] No []	MUNICIPALITY NAME
BOREHOLE	Yes [] No []	WATER USE LISENCE
PRESSURE	T.B.C	BARS
TANKS	Number Total Capacity: 2000	LITERS
OTHER STORE	Yes [] No []	Specify below

SANITATION/ SEWER

MUNICIPALITY	Yes [] No []	MUNICIPALITY NAME: Mathosana
SEPTIC TANKS	Yes [] No []	CAPACITY
PIT LATRINES	Yes [] No []	SPECIFY:
OTHER	Yes [] No []	SPECIFY:

SITE INFORMATION

ERF No.	15756
COVERAGE	10.9 % (3795 m ²)
VILLAGE NAME	Jouberton Ext. 15
DISTRICT	Dr Kenneth Kaunda
COORDINATES	26°54'12.4"S 26°35'46.5"E

STAGES

SIPDM	SACAP	Mark with X
0		[]
1		[]
2		[]
3	1	[]
4	2	[]
5	3	[]
6	4	[]
7	5	[]
8	6	[]
9		[]

PROJECT TEAM			
	COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.
ARCHITECT	DANNY KALOMBO	+27 79 875 8873	PR.Arch 24740538
Q. SURVEYOR	HENK DOKTER	+27 82 807 9005	570 - SCQS
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CONTRACTOR			