



General Notes

EXCAVATION VOLUME:	35,361m ³
STORAGE CAPACITY:	40,017m ³
EMBANKMENT VOLUME:	3,663m ³
EMBANKMENT BASE WIDTH	22.7m
EMBANKMENT LENGTH	368m
FETCH	192m
MAXIMUM WALL HEIGHT:	2.5m
MAXIMUM WATER DEPTH:	3.5m
CREST WIDTH:	4m
IMPOUNDED AREA	13,007m ²
GROSS FREE BOARD:	1.5m
GATE	4m
FENCE LENGTH:	594m
DELIVERY PIPE LENGTH	490m
EMBANKMENT SLOPES - UPSTREAM:	1:2.5
DOWN STREAM:	1:2.5
SPILLWAY WIDTH	10m
SPILLWAY LENGTH:	140m
SPILLWAY SLOPES:	1:1

REFERENCE: TBM1. E. 0634847.9323
 N. 9785204.7220
 Elevation. 45.185m amsl
 TBM2 E. 0634944.7813
 N. 9785294.3920
 ELEVATION . 46.052m amsl

SURVEYED AND DRAWN BY.

GODFREY MWANGI.

DESIGNED BY.

JOSEPHAT OMARI

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No.	Revision/Issue	Date

Firm Name and Address
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NAIROBI

Project Name and Address
ISHAQBINI WATER PAN
 MASALANI - WARD
 IJALA - SUB-COUNTY
 GARISSA - COUNTY.

Project	WATER PAN	Sheet	2 of 5
Date	27/09/2023	PRINT ON A1 PAPER SIZE	
Scale	1:1250		