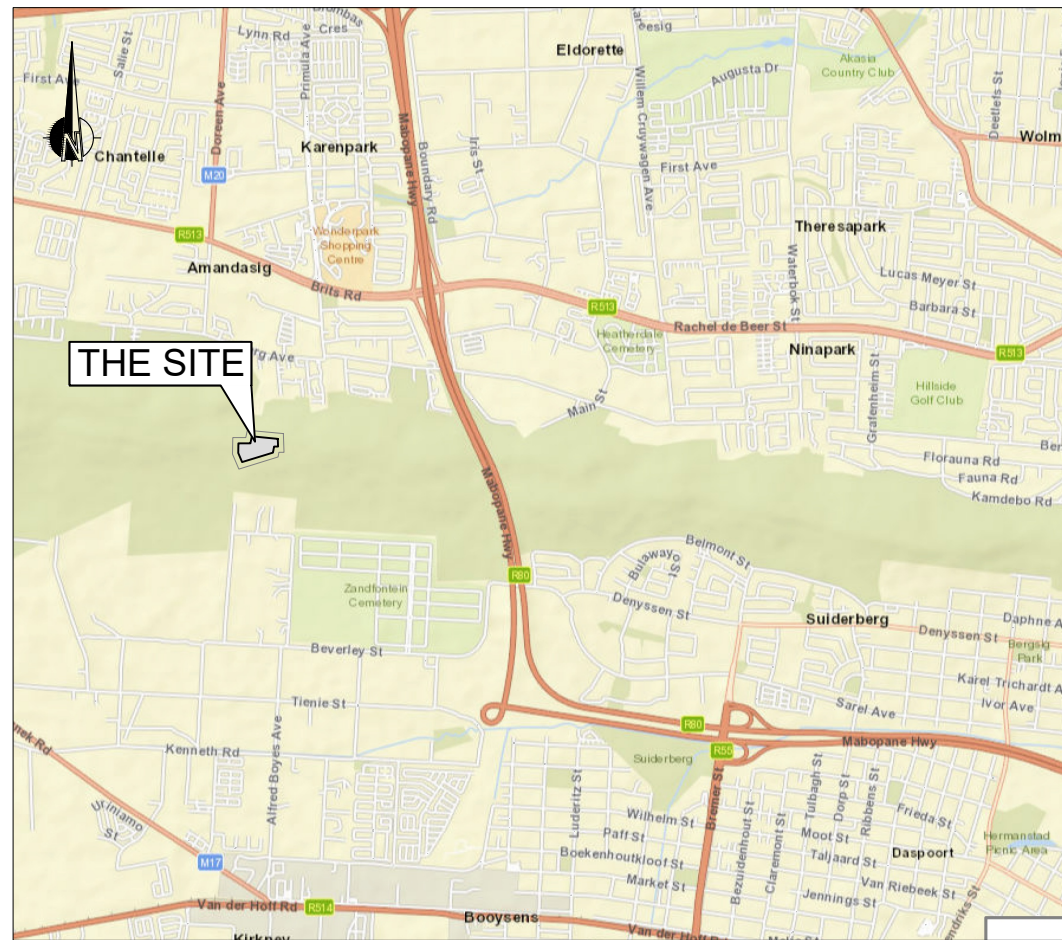
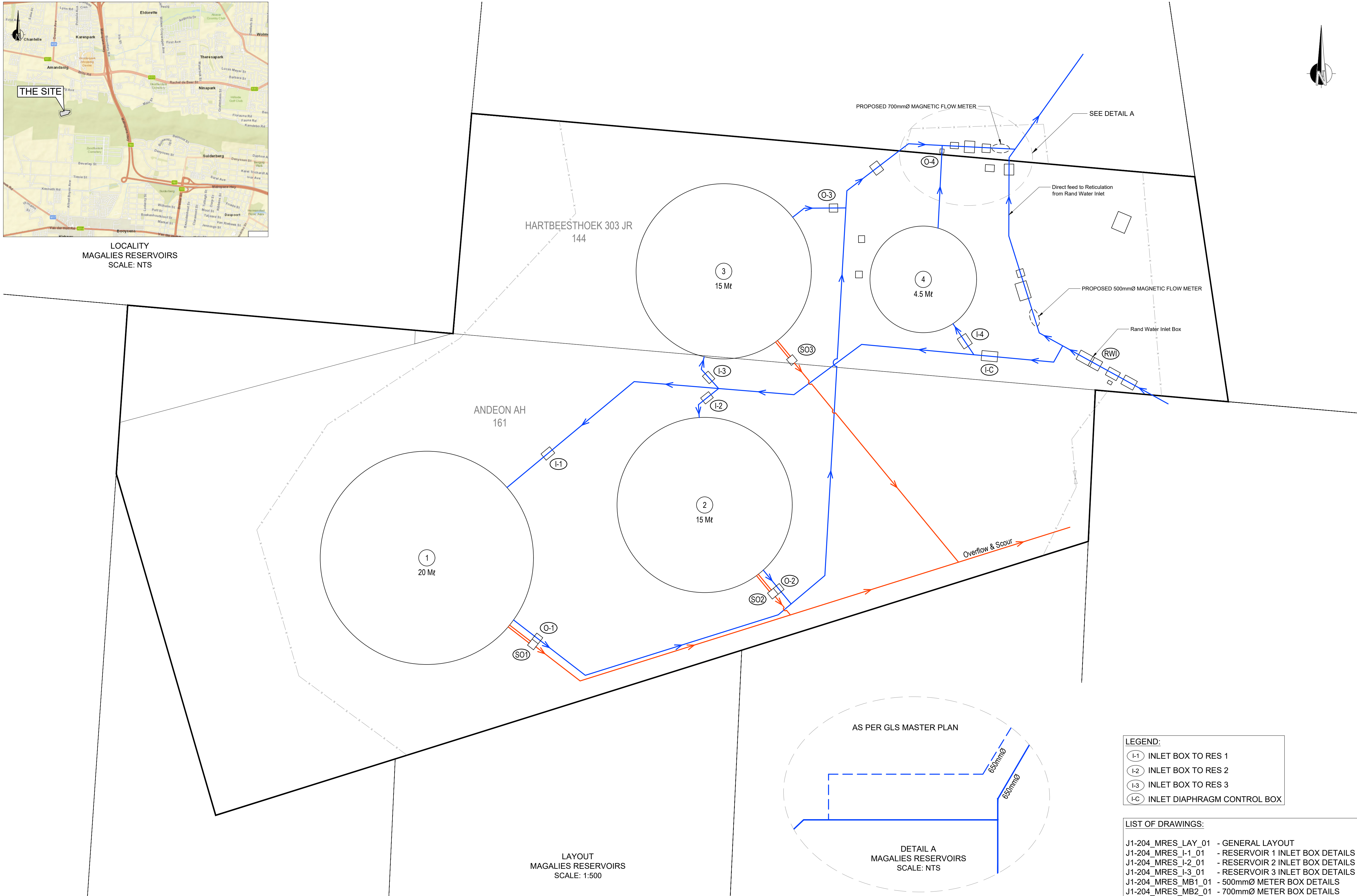




LOCALITY
MAGALIES RESERVOIRS
SCALE: NTS



NOTES AND SPECIFICATIONS

GENERAL

1. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS.
2. ALL DIMENSIONS ARE IN MILLIMETERS. (UNLESS OTHERWISE SPECIFIED).
3. DO NOT SCALE FROM THESE DRAWINGS. ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
4. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, THIRD EDITION 2005 AND THE STANDARD COT DETAIL DRAWINGS.
5. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4.
6. THE SIGNATURE OR INITIALS ON THIS DRAWING, OF ANY DIRECTOR OF THE WATER AND SANITATION DEPARTMENT, IN NO WAY REMOVES ANY RESPONSIBILITY WHATSOEVER FROM THE CONSULTANT.
7. THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF WATER AND SANITATION DEPARTMENT HAVE BEEN MET AND ARE COMPLIED WITH.
8. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.

LEGEND

- NEW HYDRANT
- PROPOSED / NEW PIPE
- NEW VALVE
- NEW VALVE ON EXISTING PIPE
- NEW HYDRANT ON EXISTING PIPE
- NEW END CAP
- NEW PRV
- NEW AIR VALVE
- NEW WATER METER
- EXISTING PIPE CAPPED
- EXISTING END CAP
- EXISTING NETWORK PIPE
- EXISTING BULK PIPELINE
- EXISTING HYDRANT
- EXISTING VALVE
- EXISTING COMMUNICATION PIPES
- EXISTING AIRVALVE
- EXISTING WATER METER
- EXISTING PRV
- EXISTING PUMP
- PIPE TO BE ABANDONED
- REDUNDANT PIPE
- EXISTING RES DISTRIBUTION ZONE
- PROPOSED RES DISTRIBUTION ZONE
- EXISTING RAND WATER PIPE
- SUBURBS BOUNDARY
- SASOL GAS LINE
- PETROMET PIPE
- NEW PIPE IN NEW SLEEVE

LEGEND:

- I-1 INLET BOX TO RES 1
- I-2 INLET BOX TO RES 2
- I-3 INLET BOX TO RES 3
- I-C INLET DIAPHRAGM CONTROL BOX

LIST OF DRAWINGS:

- J1-204_MRES_LAY_01 - GENERAL LAYOUT
- J1-204_MRES_I-1_01 - RESERVOIR 1 INLET BOX DETAILS
- J1-204_MRES_I-2_01 - RESERVOIR 2 INLET BOX DETAILS
- J1-204_MRES_I-3_01 - RESERVOIR 3 INLET BOX DETAILS
- J1-204_MRES_MB1_01 - 500mmØ METER BOX DETAILS
- J1-204_MRES_MB2_01 - 700mmØ METER BOX DETAILS

AMENDMENTS

NR	DATE	APPROVED	DESCRIPTION	PAR

WATER AND SANITATION

FOR INTERNAL APPROVAL - RECEIVED SIGN WHEN APPLICABLE

NAME	Prof. Reg. No	SIGNATURE	DATE
REGIONAL DIRECTOR: (1,2,3,4,5,6 or 7)			
DIRECTOR: SYSTEM DEVELOPMENT			
DIRECTOR: BULK WATER			
DIRECTOR: INFRASTRUCTURE PROVISION			
DIRECTOR: WASTE WATER TREATMENT			

CONSULTANT DETAIL

	144 Mark Street Vryheid P.O. Box 1460 Tel: 034 980 7242 Email: info@dlveng.co.za
I, J. Duvenhage	Prof Reg Nr 20170186
HEREBY CERTIFY THAT THE SERVICES WILL HAVE BEEN INSTALLED ACCORDING TO NOTE 9 OF THE ABOVE NOTES AND TO THE DRAWING	
SIGNATURE	DATE 08/12/2025
CONSULTANT DRAWING NUMBER: J1-204_MRES_LAY_01	

DESIGNED

NAME: J. Duvenhage Pr Eng No: 20170186
SIGNATURE: DATE: 08/12/2025

DRAWN

NAME: H.J. Stadler

CHECKED

NAME: J. Duvenhage Pr Eng No: 20170186
SIGNATURE: DATE: 08/12/2025

INFORMATION OFFICE CHECKED

NAME: Pr Eng No: DATE:

DESIGN OFFICE APPROVAL

NAME: Prof Reg No: DATE:

SIGNATURE: DATE:

CONTRACT

No: COT BW 01-2021/22

PROJECT No.

J1-204

SHEET No.

1

PAPER SIZE:

A1

SCALE:

AS SHOWN

DATE:

DEC. 2025

PROJECT STATUS

RECEIVED SIGN WHEN APPLICABLE

CONCEPT DRAWING TENDER DRAWING APPROVED CONSTRUCTION DRAWING AS BUILT

PROJECT ENGINEER OF COT:

NAME: Pr Eng. Prof Reg No:

SIGNATURE: DATE:

INSPECTOR OF WORKS OF COT:

NAME: Prof Reg No:

SIGNATURE: DATE:

LOCATION OF PROJECT:

MAGALIES RESERVOIR

DESCRIPTION OF PROJECT:

GENERAL LAYOUT

WBS No.:

COT DRAWING NUMBER:



CITY OF TSHWANE
UTILITY SERVICES
DEPARTMENT
WATER AND SANITATION