



- 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.
  4. ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
  5. 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.
  6. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE STANDARD DRAWINGS (IF APPLICABLE).
  7. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4.
  8. 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.
  9. 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.
  10. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.

**LEGEND**

**WATER**

	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
	NODE NUMBER
	CLOSED VALVE
	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
	SUBURB BOUNDARY
	SASOL GAS LINE
	PETRONET PIPE
	NEW PIPE IN NEW SLEEVE
	CROSS CUT
	PROPOSED SEWER

**CITY OF TSHWANE**  
WATER AND SANITATION DEPARTMENT

PO BOX 1022  
PRETORIA  
0001

AMENDMENTS				
NR	DATE	APPROVED	DESCRIPTION	PAR
0	2-Oct-23		FOR CONSTRUCTION	

WATER AND SANITATION				
FOR INTERNAL APPROVAL - RECEIVED SIGN WHEN APPLICABLE				
DIRECTOR: WATER AND SANITATION - PLANNING				
NAME	Prof. Reg. No.	SIGNATURE	DATE	
REGIONAL DIRECTOR: (1,2,3,4,5,6 or 7)				
NAME	Prof. Reg. No.	SIGNATURE	DATE	
DIRECTOR: SYSTEM DEVELOPMENT				
NAME	Prof. Reg. No.	SIGNATURE	DATE	
DIRECTOR: BULK WATER				
NAME	Prof. Reg. No.	SIGNATURE	DATE	
DIRECTOR: INFRASTRUCTURE PROVISION				
NAME	Prof. Reg. No.	SIGNATURE	DATE	
DIRECTOR: WASTE WATER TREATMENT				
NAME	Prof. Reg. No.	SIGNATURE	DATE	

**CONSULTANT DETAIL**

**IMBAWULA**  
CIVIL PROJECTS

Plot 70  
1463 Tienie Street  
Anderson Ah  
Zandfontein  
Pretoria West  
0183  
Tel: 012 372 3708

1. **THAMI TOM** Prof. Reg. No. 2018300095  
HEREBY CERTIFY THAT THE SERVICES WILL HAVE BEEN INSTALLED ACCORDING TO NOTE 9 OF THE ABOVE NOTES AND TO THE DRAWING.

SIGNATURE: DATE: 2-Oct-23

CONSULTANT DRAWING NUMBER: 2022-AND-W-01U01

DESIGNED	
NAME: <b>SAGWADI RINGANI</b>	Prof. Reg. No.:
SIGNATURE:	DATE:
DRAWN	
NAME: <b>MOEMEDI MQOTAI</b>	Prof. Reg. No.:
SIGNATURE:	DATE:
CHECKED	
NAME: <b>THAMI TOM</b>	Prof. Reg. No. 2018300095
SIGNATURE:	DATE: 2-Oct-23
INFORMATION OFFICE CHECKED	
NAME:	Prof. Reg. No.:
SIGNATURE:	DATE:
DESIGN OFFICE APPROVAL	
NAME:	Prof. Reg. No.:
SIGNATURE:	DATE: 2-Oct-23

CONTRACT No.:
PROJECT No.:
SHEET No.:
1 OF 1
PAPER SIZE:
A1
SCALE:
1:1 000
DATE:
2-Oct-23

**PROJECT STATUS**

RECEIVED SIGN WHEN APPLICABLE

**CITY OF TSHWANE**  
WATER AND SANITATION DEPARTMENT

CONCEPT DRAWING  
TENDER DRAWING  
CONSTRUCTION DRAWING

PROJECT ENGINEER:

INSPECTOR OF WORKS OF COT:

LOCATION OF PROJECT: ANDEON EXT 37 ZANDFONTAIN 317-JR REGION 3 WARD 55
DESCRIPTION OF PROJECT: CONSTRUCTION OF WATER SERVICES IN ANDEON EXT 37 GENERAL WATER LAYOUT (1 OF 1)
WBS No.:
COT DRAWING NUMBER: DESCRIPTION OF PROJECT: