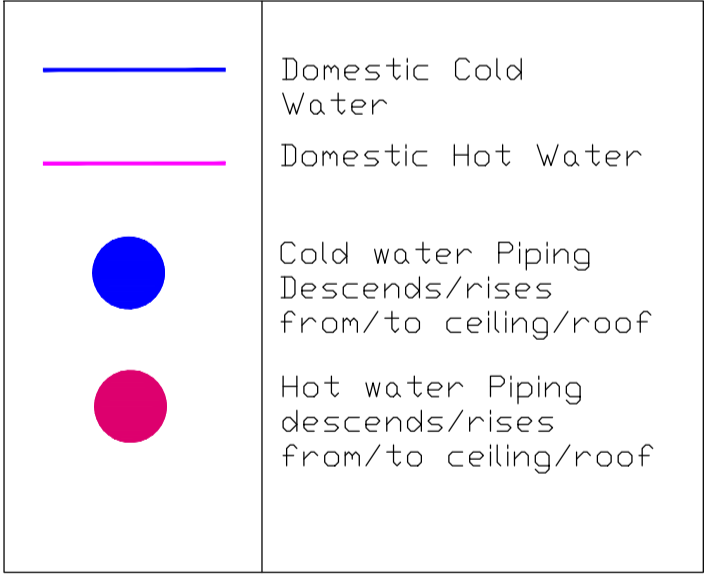
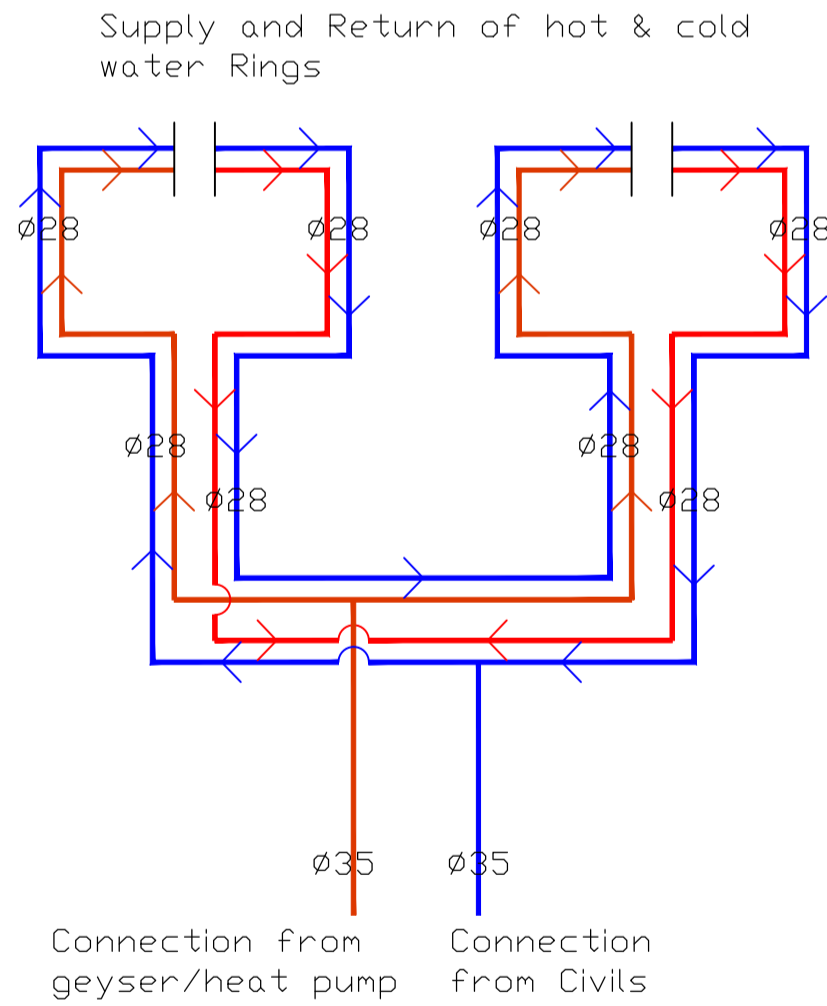


OFFICE TICKET BUILDING WATER SUPPLY LAYOUT
SCALE 1:50



MAXIMUM DISTANCES BETWEEN PIPE SUPPORTS				
MATERIAL	Size (mm)	Vertical	Low Horizontal Gradient (m)	
Cast Iron	All	3	3	3
	25	2,4		1,8
	32-40	3		2,4
	50	3		2,7
Copper	65-100	3,7		3
	25	3		2,4
	32-40	3		2,7
	50	3,7		3
Galvanized Iron/Steel	65-75	4,6		4
	32-40	1,2		0,5
	50	1,2		0,6
	65-100	1,2		0,5
Polyethylene - PE	150	1,8		1,2
	32-40	1,2		0,5
	50	1,2		0,6
	65-100	1,2		0,5
Polypropylene-PE	150	1,8		1,2
	32-40	1,2		0,5
	50	1,2		0,6
	65-100	1,2		0,5
uPVC	150	1,8		1,2
	32-40	1,2		0,5
	50	1,2		0,6
	65-100	1,2		0,5

PIPE-WORK AND INSULATION SCHEDULE FOR DOMESTIC WATER				
SYSTEM	MATERIAL	JOINTS AND FITTINGS	INSULATION	PIPE CLAMPS
HOT	COPPER, SANS 0460 CLASS 0 (HARD DRAWN)	SOFT SOLDER, CAPILLARY	POLYETHYLENE 15mm OR NITRILE RUBBER 15mm	
COLD	<50mm PVC-U SANS 966-1:2004 50mm and BIGGER PVC-M SANS 966-1:2004	SPIGOT AND SOCKET PIPE WITH INTEGRAL SOCKET AND LOCKED-IN RUBBER RING SEAL.	(AIR-D-FLEX AND ARMSTRONG OR EQUAL AND APPROVED)	HOT AND COLD ABOVE GROUND: HILTI MPN-PIPE RING OR EQUAL AND APPROVED
BELOW THE GROUND COLD WATER SUPPLY	<50mm PVC-U SANS 966-1:2004 50mm & BIGGER PVC-M SANS 966-1:2004	SPIGOT AND SOCKET PIPE WITH INTEGRAL SOCKET AND LOCKED-IN RUBBER RING SEAL.	(AIR-D-FLEX AND ARMSTRONG OR EQUAL AND APPROVED)	



NOTES / LEGEND

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS ISSUED TO THE CONTRACTOR.

2. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE LOCATION OF SERVICES, ACCESS POINTS, TEST POINTS AND EQUIPMENT ON SITE PROVIDE FOR SAFE COMMISSIONING AND MAINTENANCE IN ACCORDANCE WITH THE SANS REGULATIONS

3. THE CONTRACTOR IS RESPONSIBLE FOR SETTING OUT THE CONTRACT WORKS AND SHALL TAKE ALL MEASUREMENTS NECESSARY TO ENSURE THE WORKS ARE BUILT IN ACCORDANCE WITH GOOD PRACTICE. THE CONTRACT DRAWINGS, SPECIFICATIONS AND OHS ACT.

4. IT SHALL BE INCUMBENT ON THE CONTRACTOR TO CO-ORDINATE THE SERVICES WITH ALL OTHER WORKS AND OBTAIN ALL INFORMATION NECESSARY FOR THE INSTALLATION FROM THE RELEVANT PARTIES.

COPY RIGHT

DO NOT SCALE

IF IN DOUBT, REFER TO DRAWING OFFICE

CLIENT PLAN NUMBER

AMENDMENTS CODE

DATE	INITIAL	No./CODE	REVISION	DESCRIPTION
14.04.2025	JK	TD		Issued For Tender
30.03.2025	JK	B		Issued For Review And Approval
26.11.2024	JK	A		Issued For Review

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT

REG. NO.

DATE

CONSULTANT

aseda.

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Tel: 053 712 9300
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PROJECT

KURUMAN BUS AND TAXI RANK

DRAWING TITLE

OFFICE TICKET BUILDING – WATER SUPPLY LAYOUT

ENGINEER/TECHNOLOGIST

DATE

SCALE	1 : 50	DRAWN	J KIBULUNGU
DESIGNED	J KIBULUNGU	CHECKED	AA MAHERRY
REG. NO.	...	REG NO.	#20190924
PLAN NUMBER		REVISION NO.	
084-A01-WSS-DRW-001		TD	14/04/2025

A1