



NOTES:

1. ALL ATTEMPTS ARE UNDERTAKEN BY THE SURVEYOR TO LOCATE ALL AFFECTED SERVICES ABOVE AND BELOW GROUND SURFACE. IT IS OF UTMOST IMPORTANCE THAT THE CONTRACTOR TAKE THE NECESSARY PRECAUTIONS WHEN EXCAVATING IN THE VICINITY OF SERVICES.

LEGEND

	AIR VALVE		TREE
	AIR VALVE WITH 600mm ACCESS M/H		BEACON (BCN)
	ACCESS MANHOLE		PPE LOCATOR TEST POINT (PLT)
	INLET SLUICE VALVE		METER
	INLET BUTTERFLY VALVE		ELECTRIC POLE (EP)
	SCOUR VALVE		TELEPHONE POLE (TP)
	REFLUX VALVE		FENCE
	PIPE JACKING		SURVEY STATION

LEGEND - EXISTING SERVICES

	TEAKON MANHOLE		BOTTOM OF KERB
	NETWORK MANHOLE		TOP OF ROAD BRIDGE
	BLOCKED MANHOLE		FOOT PATH ROAD
	SEWER MANHOLE		PEDESTRIAN WALKWAY
	STORMWATER MANHOLE		BOUNDARY FENCE / WALL
	MANHOLE		VALVE CHAMBER
	WATER METER		BUILDING
	WATER VALVE		PARKWAYS
	FIRE HYDRANT		STORMWATER CATCHPIT
	POWER POLE		ELECTRIC TRANSFORMER BOX
	LIGHT POLE		600mm PIPE NEW
	ELECTRIC BOX		400mm PIPE EXISTING
	BENCHMARKS		150mm PIPE EXISTING
	TREE		SEWER LINE

BENCHMARKS WGS84 (Lo 29)

BM	86971.263	2888350.068	1522.431
BM	86972.781	2888285.142	1548.282
BM	86791.309	2888643.695	1618.427

SETTING OUT POINTS		
Point #	Northing	Easting
26	2888617.484	87487.382
27	2888604.259	87496.603
28	2888555.963	87534.762
29	2888542.703	87545.509
30	2888531.377	87553.968
31	2888522.376	87561.202
32	2888501.475	87575.498
33	2888445.867	87620.400
34	2888425.572	87636.021
35	2888416.126	87643.455
36	2888383.167	87670.683
37	2888356.804	87691.121
38	2888353.659	87693.298
39	2888339.715	87703.904
40	2888317.385	87722.117
41	2888302.798	87733.539
42	2888283.554	87749.509
43	2888263.106	87767.613
44	2888207.122	87809.118
45	2888196.659	87817.791

SETTING OUT POINTS		
Point #	Northing	Easting
46	2888185.555	87827.182
47	2888126.921	87875.571
48	2888140.169	87890.051
49	2888152.831	87890.325
50	2888160.828	87892.865
51	2888175.894	87912.123
52	2888211.892	87980.525
53	2888233.777	88026.086
54	2888241.139	88053.472
55	2888278.695	88189.301
56	2888275.369	88266.702
57	2888275.018	88286.352
58	2888274.278	88296.909
59	2888273.052	88303.444
60	2888272.910	88322.180
61	2888273.180	88334.892
62	2888273.647	88347.449
63	2888274.731	88358.206
64	2888276.029	88378.698
65	2888278.703	88400.359

SETTING OUT POINTS		
Point #	Northing	Easting
66	2888280.222	88412.094
67	2888282.351	88428.322
68	2888284.879	88444.653
69	2888289.813	88486.567
70	2888292.025	88505.604

COMPANY INFORMATION

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CHECKED: M. MURIGO | AUGUST 2022

APPROVED BY: T. KLEYNHANS | DATE: AUGUST 2022

ECSA REG. NO.: 20110139

CHECKED BY: | SIGNATURE: | DATE: |

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Joburg

REPLACEMENT OF JOHANNESBURG WATER
600mm Ø STEEL PIPELINE FROM LINBRO PARK RESERVOIR
TO BHEKILANGA PRV STATION IN ALEXANDRA

SITE PLAN

Johannesburg Water

SURVEY INFORMATION	INFORMATION BY JW DEPOT	SCALE	CONSULTANT DETAIL	AMENDMENTS
PROJECT SURVEYOR:	CHECKED: APPROVED BY:	1 : 5000	REV: DESCRIPTION: DATE:	
DATE:	SIGNATURE: DATE:		A ISSUED FOR TENDER PURPOSES ONLY AUGUST 2022	
CCTV INFORMATION	APPROVAL BY JW PLANNING			
CCTV COMPANY:	CHECKED: APPROVED BY:			
DATE:	SIGNATURE: DATE:			

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