LAYOUT PLAN
SCALE 1:7 500

DRAWING TO BE READ IN CONJUNCTION WITH:
- 8561AG-201 - Layout Plan and Long Section - Phase 2 (Sheet 1 of 3)
- 8561AG-202 - Layout Plan and Long Section - Phase 2 (Sheet 2 of 3)
- 8561AG-203 - Layout Plan and Long Section - Phase 2 (Sheet 3 of 3)

Benchmarks				
Name	X-Co-ordinate	Y-Co-ordinate	Level	Description
BM1	87148.18	3771668.76	13.78	Roofing Screw in Tar
BM2	87243.39	3771457.14	13.25	Roofing Screw in Tar
BM3	87217.61	3771273.28	12.79	Roofing Screw in Tar
BM4	87132.16	3771163.33	13.10	Roofing Screw in Tar
BM5	86709.00	3770876.05	20.95	Roofing Screw in Tar
BM6	86633.11	3770726.88	22.77	Roofing Screw in Tar
BM7	86647.29	3770543.02	20.02	Roofing Screw in Tar
BM8	86980.19	3769917.99	31.66	Roofing Screw in Tar
BM9	86716.28	3769428.07	105.01	12mm Iron Peg

Phase 2 Pipeline Setting Out				
Name	X-Co-ordinate	Y-Co-ordinate	Level	Chainage
P1 (Start)	87147.8220	3771631.7340	9.006	66+35.00m
P2	87205.9637	3771512.6417	9.203	67+67.53m
P3	87225.9431	3771445.6823	10.062	68.37.40m
AV1	87229.7018	3771393.8421	10.360	68+89.38m
P4	87229.9516	3771390.3967	10.311	68+92.83m
P5	87220.4601	3771334.7603	9.793	69+49.27m
P6	87201.8612	3771282.1234	10.082	70+05.10m
P7	87181.6433	3771244.0739	10.195	70+48.19m
P8	87137.4343	3771189.5549	10.647	71+18.38m
P8A	87092.7082	3771154.5037	11.370	71+75.20m
AV2	87047.0494	3771123.7012	12.217	72+30.28m
IV1	86966.1173	3771069.1023	11.534	73+27.91m
P9 (T-off)	86962.6218	3771066.7441	11.275	73+32.12m
IV2	86961.2959	3771068.7616	11.237	73+34.54m
P10	86959.6820	3771071.2173	10.979	73+37.48m
SV1	86944.9924	3771061.9081	10.865	73+54.87m
P11	86814.5885	3770979.2682	11.974	75+09.25m
P12	86838.8356	3770943.4668	11.822	75+52.5m
P13	86750.0782	3770883.3603	19.859	76+59.69m
P14	86697.5750	3770832.2151	21.401	77+32.98m
P15	86690.8915	3770815.4289	22.597	77+51.13m
P16	86692.3219	3770798.0281	23.330	77+68.51m
AV3	86703.6547	3770789.0485	24.613	77+81.38m
P17	86704.1780	3770789.8362	24.646	77+82.29m
P18	86691.3645	3770770.5487	23.760	78+06.08m
SV2	86694.8541	3770768.8390	24.014	78+10.00m
P19	86729.9950	3770751.6217	25.694	78+49.09m
P20	86750.8970	3770736.8702	26.363	78+74.68m
AV3A	86824.0616	3770660.1323	27.590	79+80.71m
P21	86885.1948	3770596.0134	26.596	80+69.30m
AV3B	86899.1037	3770584.6438	26.282	80+87.26m
P22	86913.0126	3770573.2743	25.999	81+05.23m
P23	87003.5615	3770515.1332	18.625	82+12.83m
P24	87030.1824	3770477.3635	16.549	82+59.04m
IV4	87033.0426	3770466.7866	15.834	82+70.00m
P24A (T-Off)	87034.5834	3770461.0885	15.468	82+75.90m
P25	87038.9844	3770444.8135	15.000	82+92.76m

Phase 2 Pipeline Setting Out				
Name	X-Co-ordinate	Y-Co-ordinate	Level	Chainage
P26	87048.8315	3770374.1112	15.000	83+64.15m
P27	87046.2585	3770373.8043	15.000	83+66.74m
P27A (T-Off)	87047.2062	3770366.9060	15.000	83+73.70m
P28	87049.8874	3770347.3895	15.021	83+93.40m
IV5	87043.5145	3770345.6782	11.534	84+00m
SV3	86933.0466	3770316.0149	15.051	85+14.38m
P29	86871.8069	3770299.5705	15.309	85+77.79m
P30	86854.4297	3770192.3682	19.284	86+86.39m
P31	86868.7240	3770165.0382	19.903	87+17.23m
P32	86838.9091	3770149.0544	15.646	87+51.06m
SV4	86848.5374	3770129.7692	15.073	87+72.62m
P33	86856.1623	3770114.4967	16.204	87+89.69m
AV4	86893.7851	3770051.0757	24.297	88+63.43m
P34	86906.1688	3770030.2004	25.352	88+87.70m
P35	86966.7440	3769915.0645	30.089	90+17.80m
P36	86965.4420	3769909.7799	30.342	90+23.24m
SV5	86919.2275	3769885.4712	30.493	90+75.46m
P37	86915.8285	3769883.6503	30.411	90+79.31m
P38	86969.7136	3769783.5963	37.123	91+92.95m
P39	86860.6772	3769726.8000	40.154	93+15.90m
AV7	86856.5804	3769726.6398	40.047	93+20.00m
SV6	86831.1373	3769725.6452	39.256	93+45.46m
P40	86807.6082	3769724.7254	39.089	93+69.01m
P40A	86806.8519	3769703.1906	43.251	93+90.55m
AV5	86800.4176	3769519.9830	89.252	95+73.87m
P41	86799.9170	3769505.7288	90.558	95+88.14m
AV6	86740.1423	3769435.9953	102.901	96+85.83m
P42	86736.8764	3769447.2053	102.251	96+85.83m
IV7	87277.0760	3769810.9960	11.534	
Hartenbos Kop Reservoir	84313.1707	3777735.3794	138.499	
Valley View Reservoir	86747.2778	3769411.5037	108.167	
Brandwacht Reservoir	87133.4566	3770966.0413	80.148	
FCV	87124.5909	3770971.3685	78.404	
IV3	87038.0237	3770493.5218	11.534	N/A
IV6	87064.0958	3770348.2240	11.534	N/A
P24B	87044.0676	3770462.9644	15.685	N/A
P27B	87061.5653	3770368.6821	15.000	N/A

DRAWN: BVDW	DATE DRAWN: 2024/10/16	SHEET SIZE: A0 Landscape
DESIGN ENGINEER: CS	PROJECT LEADER: RM	PROFESSIONAL ENGINEER: CS
APPROVED BY	DATE APPROVED	

REV.	BY	DATE	REVISION DESCRIPTION
C02	ZP	2025/12/04	PIPE ROUTE REVISED
C01	ZP	2025/04/29	ISSUED FOR CONSTRUCTION

AMENDMENTS

CLIENT

Mossel Bay MUNICIPALITY

Uhambiso Consult (Pty) Ltd
CONSULTING ENGINEERS AND PROJECT MANAGERS
IINJINELI EZICEBISAYO NEEMANEJALA EZONGAMELA UMSEBENZI

Port Elizabeth
No. 131 Prospect Road
Walmer
Port Elizabeth 6065
P.O. Box 5632
Walmer
Port Elizabeth 6065 Tel:(041) 373 0180
Fax: (041) 373 0102
E-mail: accounts@uhambiso.co.za

George
Unit B, 1st Floor, JMC Building
3 Courtenay Street
George 6530
P.O.Box 2462
George 6530
Tel: (041) 874 2380
E-mail: uhamgeo@uhambiso.co.za

website: www.uc.consulting

PROJECT TITLE

UPGRADE OF EXISTING WATER MAIN BETWEENSONSKYNSVALLEI AND BRANDWACHT: PHASE 2

DRAWING TITLE

OVERALL LAYOUT PLAN

SCALE	DRAWING No.	REVISION
1:7500	8561AG/200	C02

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