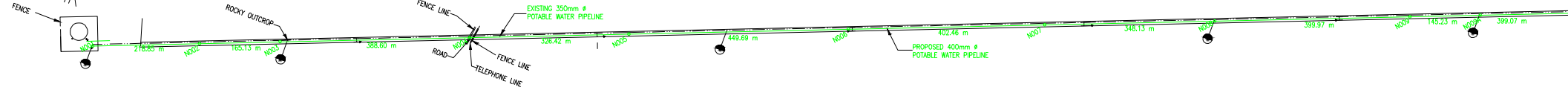
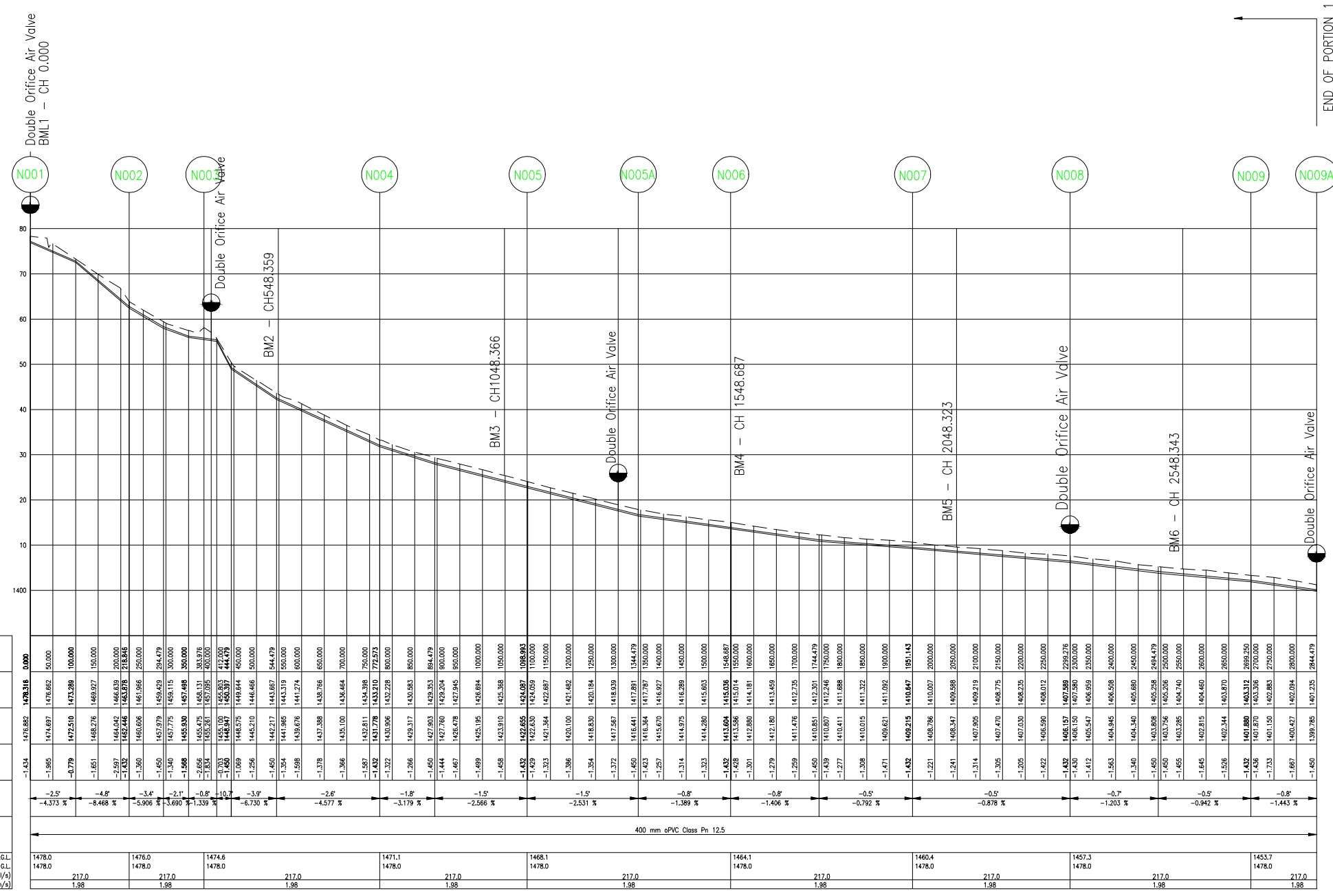




BUISFONTEIN  
RESERVOIR



LAYOUT PLAN: N001 – N009A



SCALES:  
Horizontal 1:5000  
Vertical 1:500  
Datum : 1390 m

CHAINAGE (m)	1478.0	1478.0	1474.6	1471.1	1468.1	1464.1	1460.4	1457.3	1453.7	
GROUND LEVEL	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	
INVERT LEVEL	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	
DEPTH TO INVERT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PIPE GRADES	-4.373 %	-8.468 %	-5.906 %	-3.690 %	-1.339 %	-2.551 %	-1.389 %	-0.878 %	-1.443 %	
PIPE DETAILS	400 mm oPVC Class Pn 12.5									
HYDRAULICS	H.G.L. 1478.0	1476.0	1474.6	1471.1	1468.1	1464.1	1460.4	1457.3	1453.7	
	Static G.L. 1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	1478.0	
	Q (l/s)	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	
	V (m/s)	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	

LONGITUDINAL SECTION: N001 – N009A



CLIENT



AMENDMENTS

No.	DATE	BY	DESCRIPTION

NOTES

FOR APPROVAL STAMP

REFERENCE DRAWINGS

PLAN No.	DESCRIPTION

PRINT ISSUED ON



PROJECT  
UPGRADING OF THE  
BUISFONTEIN TSWELELANG  
BULK WATER SUPPLY SCHEME

IMPLEMENTING AGENT:  
SEDIBENG WATER

DRAWING TITLE  
BUISFONTEIN  
BULK WATER PIPELINE  
LAYOUT & LONG SECTION  
NODE 1-9  
PORTION 1

DESIGN KING & ASS	DATE 09'14	DRAWN LD NGWENYA	DATE 09'14
SURVEYED -	DATE -	CHECKED S. MUTAMBARANWA	DATE 09'14

SCALE N.T.S

DRAWING No.  
SW602-BUIS-201-1

AMENDMENT No.