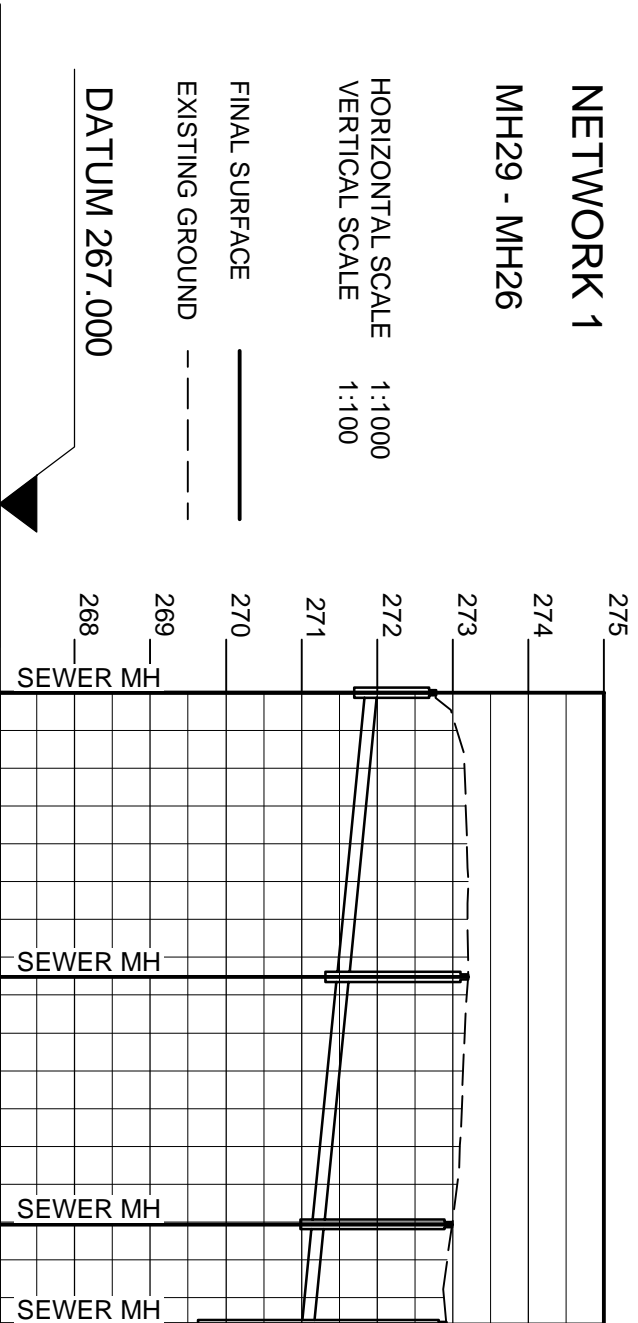
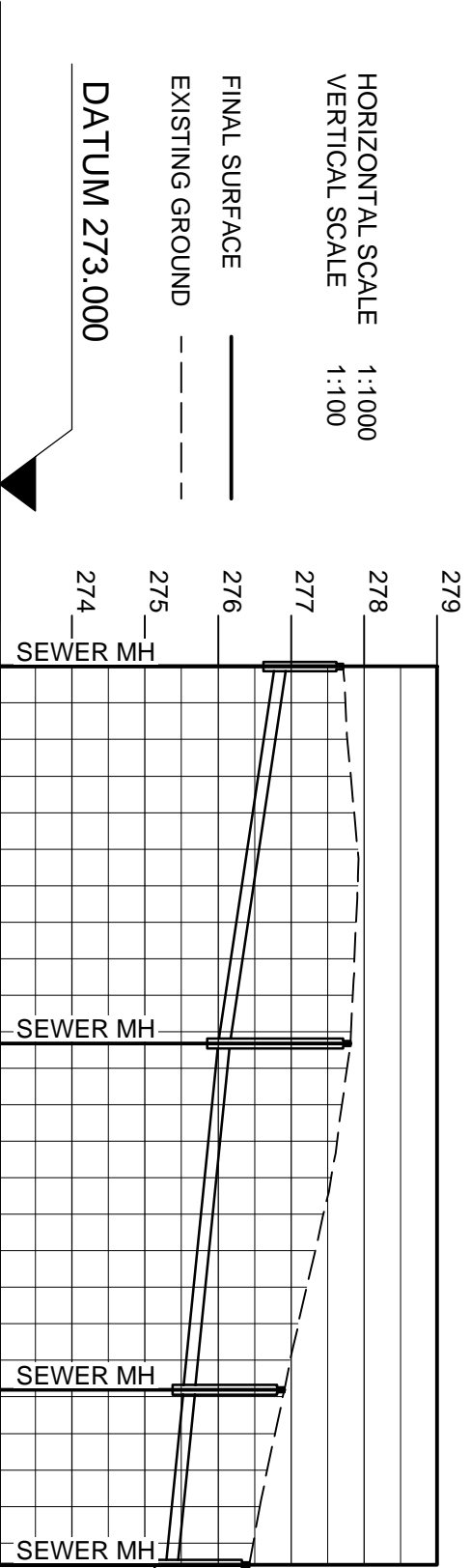


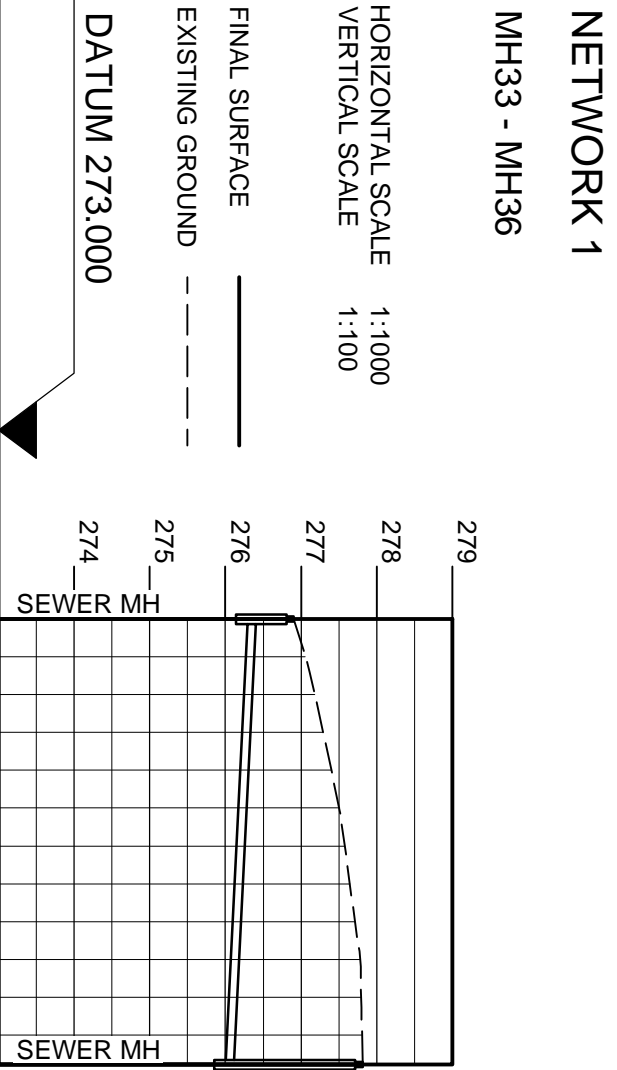
STRUCTURE NAME	MH19	MH21
INVERT LEVELS	268.500	274.775
COVER TO PIPE	0.760	0.725
GROUND LEVEL	269.423	275.663
CHAINAGE (m)	0.000	125.492
PIPE DATA	125.493m -1:20.00 -5.000%	
PIPE DETAILS	P20: 160 Ø uPVC CL34 CLASS 'B' BEDDING	
HYDRAULICS	DESIGN: 0.063 max Q (m³/s) MAX: 0.063 V (m/s)	



STRUCTURE NAME	MH29	MH30	MH31	MH26
INVERT LEVELS	271.843	271.468	271.140	271.008
COVER TO PIPE	0.777	1.573	1.689	1.748
GROUND LEVEL	272.784	273.204	272.993	272.918
CHAINAGE (m)	0.000	37.581	70.327	83.580
PIPE DATA	37.582m 1:100.00 1.000%			
PIPE DETAILS	P29: 160 Ø uPVC CL34 CLASS 'B' BEDDING	P30: 160 Ø uPVC CL34 CLASS 'B' BEDDING	P31: 160 Ø uPVC CL34 CLASS 'B' BEDDING	
HYDRAULICS	DESIGN: 0.063 max Q (m³/s) MAX: 0.063 V (m/s)			



STRUCTURE NAME	MH35	MH36	MH37	MH34
INVERT LEVELS	276.774	276.000	275.526	275.286
COVER TO PIPE	0.780	1.651	1.219	0.980
GROUND LEVEL	277.717	277.814	276.908	276.429
CHAINAGE (m)	0.000	51.602	99.021	122.981
PIPE DATA	51.602m 1:66.67 1.500%			
PIPE DETAILS	P35: 160 Ø uPVC CL34 CLASS 'B' BEDDING	P36: 160 Ø uPVC CL34 CLASS 'B' BEDDING	P37: 160 Ø uPVC CL34 CLASS 'B' BEDDING	
HYDRAULICS	DESIGN: 0.063 max Q (m³/s) MAX: 0.063 V (m/s)			



STRUCTURE NAME	MH33	MH36
INVERT LEVELS	276.294	275.999
COVER TO PIPE	0.500	1.702
GROUND LEVEL	276.906	277.814
CHAINAGE (m)	0.000	58.937
PIPE DATA	58.937m 1:200.00 0.500%	
PIPE DETAILS	P33: 110 Ø uPVC CL34 CLASS 'B' BEDDING	
HYDRAULICS	DESIGN: 0.063 max Q (m³/s) MAX: 0.063 V (m/s)	

A	11/07/2011	PR	ISSUED FOR INFORMATION	PSR PSB
REV	DATE	BY	DESCRIPTION	CHK APP
DRAWING STATUS				
FOR INFORMATION				



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MALELANE SAFARI RESORT INVESTMENTS

CLIENT: MALELANE SAFARI RESORT INVESTMENTS

ARCHITECT: CRONJE ASSOCIATED ARCHITECTS CC

PROJECT: RADISSON BLU SAFARI RESORT
KRUGER PARK

TITLE: WASTEWATER LONGSECTION
MH 19 TO MH 21
MH 29 TO MH 26
MH 35 TO MH 34

SCALE: 1:1000	CHECKED: PSR	APPROVED: -
DESIGN: TM	DRAWN: TM	DATE: 2011-07-12
PROJECT NO: 335470	DRAWING NO: 335470/C/2003	REV: A