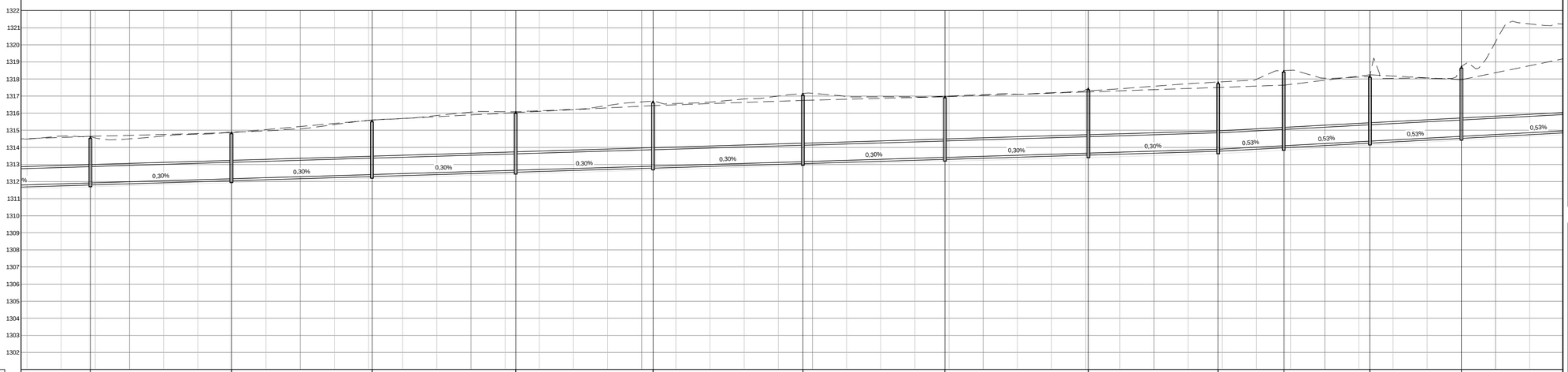


SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1301.000

REFERENCE	19 mmø ANS 677	SMH- 24	PIPE-20 1050mmø Class 75D SANS 677	SMH- 25	PIPE-21a 1050mmø Class 75D SANS 677	SMH- 26	PIPE-21 1050mmø Class 75D SANS 677	SMH- 27	PIPE-22 1050mmø Class 75D SANS 677	SMH- 28	PIPE-23 1050mmø Class 75D SANS 677	SMH- 29	PIPE-24 1050mmø Class 75D SANS 677	SMH- 30	PIPE-25 1050mmø Class 75D SANS 677	SMH- 31	PIPE-26 1050mmø Class 75D SANS 677	SMH- 32	PIPE-27 1050mmø Class 75D SANS 677	SMH- 33	PIPE-28 1050mmø Class 75D SANS 677	SMH- 34	Cl
DISTANCE (m)		1742.41		1824.39		1908.68		1992.22		2076.36		2160.97		2243.48		2336.17		2413.98		2493.13		2577.14	
GROUND LEVELS (m)		1312.968		1312.943		1312.989		1313.425		1314.118		1313.988		1314.045		1314.216		1314.638		1314.927		1314.619	
PIPE INVERT LEVEL		1309.420 1309.420		1309.665 1309.665		1309.917 1309.917		1310.167 1310.167		1310.418 1310.418		1310.671 1310.671		1310.918 1310.918		1311.595 1311.595		1311.428 1311.428		1311.664 1311.664		1311.916 1311.916	
TRENCH LEVEL		1309.200		1309.445		1309.697		1309.947		1310.198		1310.451		1310.698		1310.975		1311.208		1311.444		1311.696	
DEPTH TO TRENCH		3.169		3.499		3.292		3.478		3.920		3.537		3.347		3.241				2.883		2.923	
SLOPE / LENGTH	% .4 m		0.30% 1:334.4 81.98m		0.30% 1:334.4 84.28m		0.30% 1:334.4 83.54m		0.30% 1:334.4 84.14m		0.30% 1:334.4 84.62m		0.30% 1:334.4 82.50m		0.30% 1:334.4 92.69m		0.30% 1:334.4 77.81m		0.30% 1:334.4 79.14m		0.30% 1:333.9 84.01m		
HYDRAULICS DESIGN Q(l/s) V(m/s)	00		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		
HYDRAULICS MAX. (0.80) Q(l/s) V(m/s)	90 0		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		

LONGSECTION PROPOSED SEWER OUTFALL
FROM 0.000 TO 3675.000



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1301.000

REFERENCE	-28 mmø ANS 677	SMH- 34	PIPE-29 1050mmø Class 75D SANS 677	SMH- 35	PIPE-30 1050mmø Class 75D SANS 677	SMH- 36	PIPE-31 1050mmø Class 75D SANS 677	SMH- 37	PIPE-32 1050mmø Class 75D SANS 677	SMH- 38	PIPE-33 1050mmø Class 75D SANS 677	SMH- 39	PIPE-34 1050mmø Class 75D SANS 677	SMH- 40	PIPE-35 1050mmø Class 75D SANS 677	SMH- 41	PIPE-36 1050mmø Class 75D SANS 677	SMH- 41A	PIPE-37 1050mmø Class 75D SANS 67	SMH- 42	PIPE-38 1050mmø Class 75D SANS 677	SMH- 43	PIPE-39 1050mmø Class 75D SANS 677	SMH- 44	PIPE-40 1050mmø Class 75D SANS 67
DISTANCE (m)		2577.14		2659.73		2742.09		2826.26		2906.67		2994.39		3077.59		3161.60		3237.59		3276.04		3326.48		3380.07	
GROUND LEVELS (m)		1314.619		1314.897		1315.596		1316.084		1316.705		1317.155		1316.992		1317.466		1317.818		1318.494		1318.191		1318.796	
PIPE INVERT LEVEL		1311.916 1311.916		1312.163 1312.163		1312.409 1312.409		1312.661 1312.661		1312.901 1312.901		1313.163 1313.163		1313.412 1313.412		1313.663 1313.663		1313.890 1313.890		1314.094 1314.094		1314.260 1314.260		1314.643 1314.643	
TRENCH LEVEL		1311.696		1311.943		1312.189		1312.441		1312.681		1312.943		1313.192		1313.396		1313.623		1313.827		1314.140		1314.423	
DEPTH TO TRENCH		2.923		2.955		3.407		3.643		4.024		4.212		3.800		4.070		4.195		4.687		4.051		4.313	
SLOPE / LENGTH	% .9 m		0.30% 1:335.0 82.59m		0.30% 1:334.4 82.36m		0.30% 1:334.4 84.17m		0.30% 1:334.4 80.42m		0.30% 1:334.4 87.72m		0.30% 1:334.4 83.20m		0.30% 1:334.4 84.01m		0.30% 1:334.4 75.99m		0.53% 1:189.3 38.45m		0.53% 1:189.3 50.44m		0.53% 1:189.3 53.59m		0.53% 1:189.3 90.61m
HYDRAULICS DESIGN Q(l/s) V(m/s)	00 5		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.35		240.00 1.65		240.00 1.65		240.00 1.65		240.00 1.65
HYDRAULICS MAX. (0.80) Q(l/s) V(m/s)	90 0		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1273.90 2.50		1693.37 2.50		1693.37 2.50		1693.37 2.50		1693.37 2.50

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REV	DATE	COMMENTS	BY
2	11/09/2017	CHAINAGES AMENDED	T.M.
1	08/08/2017	PROFILE AMENDED	T.M.
0	26/06/2017	ISSUED FOR CONSTRUCTION	T.M.

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Property Developers, Investors and Asset Managers

Project:
ADAMAYVIEW OUTFALL SEWER

Drawing Title:
PROPOSED OUTFALL SEWERLINE
LONG SECTION
SHEET 2

Consultant's Signature:
2MC Consulting

Drawn:	Checked:	Designed:	Scale:
J. Mkhatshane	J. MUSHWANA	T. MALAKA	AS SHOWN

Job Number:	Discipline:	Dwg Number:	Rev:	Dwg Size:
201502-NW-Bld	CIV	133-02	2	A0