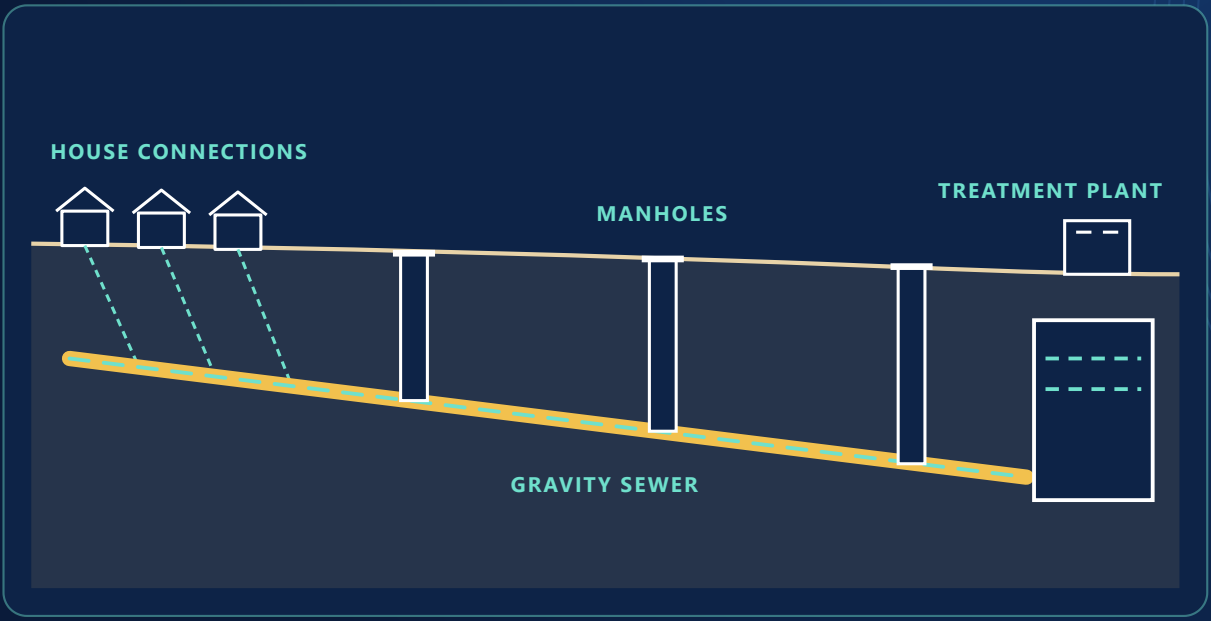
Sewer Line Profile Report

Longitudinal sections, manhole and pipe schedules and design checks of a gravity sewer.



SEWERAGE SCHEME

Client: Urban City

PREPARED & SUBMITTED BY

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ISSUE

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SEWER LINE – Longitudinal Section Report

SEWERAGE SCHEME

1. Project

Project	SEWERAGE SCHEME
Consultant	SP CONSULTANT
Drawing No.	SW-PR-01
Date	11 NOV 2026

2. Drawing

Scales	H 1:2000, V 1:200
Paper	A3 landscape
Sheets	4 (4 strips)
Chainage	0+000 to 2+300
Text height	2.5 mm
Manhole width / sump	1.2 m / 0.3 m

3. Checks

- ✓ 30 invert rows, 30 ground points, 29 pipe lengths – 0+000 to 2+300 cut into 4 strips on 4 A3 sheets.

4. Manhole schedule

MH	Chainage	Cover level	IL in	IL out	Dia in	Dia out	Depth to invert (m)
AS49	0+000	7.000	5.600	5.600	200	200	1.40
AS48	0+065	7.000	5.390	5.390	200	200	1.61
AS47	0+130	7.000	5.180	5.180	200	200	1.82
AS46	0+230	7.000	4.860	4.860	200	200	2.14
AS45	0+330	7.000	4.540	4.540	200	200	2.46
AS44	0+430	7.000	4.220	4.220	200	200	2.78
AS43	0+524	7.200	3.920	3.920	200	200	3.28
AS42	0+622	6.200	3.610	3.610	200	200	2.59
AS41	0+692	5.000	3.390	3.390	200	200	1.61
AS40	0+738	4.000	2.500	2.500	200	200	1.50
AS39	0+801	3.700	2.300	2.200	200	300	1.50
AS38	0+866	3.500	2.090	2.090	300	300	1.41
AS37	0+966	3.300	1.910	1.910	300	300	1.39
AS36	1+066	3.400	1.740	1.740	300	300	1.66
AS35	1+166	3.500	1.560	1.560	300	300	1.94
AS34	1+266	3.500	1.390	1.390	300	300	2.11
AS33	1+366	3.500	1.210	1.210	300	300	2.29
AS32	1+433	4.000	1.090	1.090	300	300	2.91
AS31	1+500	4.000	0.980	0.880	300	400	3.12
AS30	1+565	4.000	0.790	0.790	400	400	3.21
AS29	1+630	4.000	0.710	0.710	400	400	3.29
AS28	1+710	4.000	0.600	0.600	400	400	3.40
AS27	1+810	4.000	0.470	0.470	400	400	3.53
AS26	1+910	4.100	0.340	0.340	400	400	3.76
AS25	2+010	4.100	0.210	0.210	400	400	3.89
AS24	2+110	4.100	0.080	0.080	400	400	4.02
AS23	2+135	4.000	0.050	0.050	400	400	3.95
AS22	2+170	4.000	0.000	-0.040	400	450	4.04

Sample report: illustrative data, not for design use

MH	Chainage	Cover level	IL in	IL out	Dia in	Dia out	Depth to invert (m)
AS21	2+225	4.000	-0.300	-0.300	450	450	4.30
AS20	2+300	4.000	-0.500	-0.500	450	450	4.50

5. Pipe schedule

From	To	Ch from	Ch to	Length m	Dia mm	US IL	DS IL	Slope %	1 in	Notes
AS49	AS48	0+000	0+065	65.00	200	5.600	5.390	-0.323	310	
AS48	AS47	0+065	0+130	65.00	200	5.390	5.180	-0.323	310	
AS47	AS46	0+130	0+230	100.00	200	5.180	4.860	-0.320	313	
AS46	AS45	0+230	0+330	100.00	200	4.860	4.540	-0.320	312	
AS45	AS44	0+330	0+430	100.00	200	4.540	4.220	-0.320	312	
AS44	AS43	0+430	0+524	94.00	200	4.220	3.920	-0.319	313	
AS43	AS42	0+524	0+622	98.00	200	3.920	3.610	-0.316	316	
AS42	AS41	0+622	0+692	70.00	200	3.610	3.390	-0.314	318	
AS41	AS40	0+692	0+738	46.00	200	3.390	2.500	-1.935	52	
AS40	AS39	0+738	0+801	63.00	200	2.500	2.300	-0.317	315	
AS39	AS38	0+801	0+866	65.00	300	2.200	2.090	-0.169	591	
AS38	AS37	0+866	0+966	100.00	300	2.090	1.910	-0.180	556	
AS37	AS36	0+966	1+066	100.00	300	1.910	1.740	-0.170	588	
AS36	AS35	1+066	1+166	100.00	300	1.740	1.560	-0.180	556	
AS35	AS34	1+166	1+266	100.00	300	1.560	1.390	-0.170	588	
AS34	AS33	1+266	1+366	100.00	300	1.390	1.210	-0.180	556	
AS33	AS32	1+366	1+433	67.00	300	1.210	1.090	-0.179	558	
AS32	AS31	1+433	1+500	67.00	300	1.090	0.980	-0.164	609	
AS31	AS30	1+500	1+565	65.00	400	0.880	0.790	-0.138	722	
AS30	AS29	1+565	1+630	65.00	400	0.790	0.710	-0.123	812	
AS29	AS28	1+630	1+710	80.00	400	0.710	0.600	-0.137	727	
AS28	AS27	1+710	1+810	100.00	400	0.600	0.470	-0.130	769	
AS27	AS26	1+810	1+910	100.00	400	0.470	0.340	-0.130	769	
AS26	AS25	1+910	2+010	100.00	400	0.340	0.210	-0.130	769	
AS25	AS24	2+010	2+110	100.00	400	0.210	0.080	-0.130	769	
AS24	AS23	2+110	2+135	25.00	400	0.080	0.050	-0.120	833	
AS23	AS22	2+135	2+170	35.00	400	0.050	0.000	-0.143	700	
AS22	AS21	2+170	2+225	55.00	450	-0.040	-0.300	-0.473	212	
AS21	AS20	2+225	2+300	75.00	450	-0.300	-0.500	-0.267	375	

Total pipe length: **2300.00 m**

The 4 profile drawing sheets are in the A3 drawing set (📐 Generate A3 Drawing Set button of the tool).