



MANHOLE COVER LEVELS APPROX (m)	FOUL WATER SEWER INVERT LEVELS (m)	SURFACE WATER SEWER INVERT LEVELS (m)	MANHOLE DIAMETER (mm)	30.000	25.000	Datum: 22.000M AOD	EXISTING CHAINAGE (m)	EXISTING LEVELS (m)	3DX-Topo.dwg (m)	PROPOSED CHAINAGE (m)	PROPOSED LEVELS (m)
26.94		25.95	Type E S14=50.0 120		150mmØ Foul IL: 25.458m		26.625	26.864	26.625	26.65	26.625
		3000 1155 L=37.88			100mmØ Foul IL: 25.315m		26.570	27.666	26.570	26.570	26.570
					100mmØ Foul IL: 25.084m		26.463	26.686	26.463	26.463	26.463
26.461		26.61	Type B S14=57.9 120		100mmØ Foul IL: 24.794m		26.552	26.692	26.552	26.552	26.552
		3000 1245 L=11.02			100mmØ Foul IL: 24.672m		26.468	26.627	26.468	26.468	26.468
26.399		26.16	Type B S15=48.8 120				26.380	26.530	26.380	26.380	26.380
		3000 1246 L=20.42					26.300	26.465	26.300	26.300	26.300
26.376		26.133	Type B S16=58.3 120		150mmØ Surface IL: 25.382m		26.216	26.372	26.216	26.216	26.216
		3000 1245 L=26.49					26.269	26.465	26.269	26.269	26.269
26.696		26.123	Type B S17=64.8 120				26.242	26.417	26.242	26.242	26.242
		3000 1244 L=10.50					26.105	26.374	26.105	26.105	26.105
27.061		26.188	Type B S18=168.3 120				26.119	26.369	26.119	26.119	26.119
		3000 1244 L=12.91					26.314	26.374	26.314	26.314	26.314
27.051		26.133	Type B S19=168.2 120				26.159	26.311	26.159	26.159	26.159
		3000 1244 L=20.00						26.311			26.311
26.765		26.151	Type B S20=158.2 120		100mmØ Foul IL: 23.469m		26.069	26.355	26.069	26.069	26.069
		3000 1231 L=17.54					26.765	26.355	26.765	26.765	26.765
26.628		26.118	Type B S21=158.8 120				26.500	26.384	26.500	26.500	26.500
		3000 1245 L=24.54					26.819	26.384	26.819	26.819	26.819
26.628		26.175	Type B S22=168.3 120				26.767	26.384	26.767	26.767	26.767
		3000 118 L=9.67			150mmØ Foul IL: 22.494m		26.694	26.384	26.694	26.694	26.694
26.628		26.178	Type A S23=160.0 120				26.468	26.384	26.468	26.468	26.468
							26.398	26.384	26.398	26.398	26.398

NOTES

1. All dimensions are in metres unless stated otherwise.
2. Do not scale from this drawing. Only written dimensions are to be used.
3. This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
4. 150mm diameter pipework to be extra strength vitrified clay to BS EN 295 or BS 65 on class S bed & surround.
5. 225mm diameter pipework to be extra strength vitrified clay to BS EN 295 or concrete class M to BS 5911 on class S bed & surround.
6. 300mm diameter and greater pipework to be concrete class M to BS 5911 on class B bed.
7. Where cover to pipes is less than 1.2m concrete bed and surround should be used. Where pipes with flexible joints are used the concrete protection shall be interrupted across its full cross-section with a compressible filler.
8. Stoppered connection end of pipe to have suitable stopper applied and connected to wire which is to be connected to a stake marking the end of the pipe at ground level if laterals are to be buried during construction phase.
9. Refer to geotechnical report for sulphate resisting class and ACEC class.
10. **All construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and ICOSA Water specific requirements.**
11. Where manhole is located within soft landscaping or private drives B125 covers may be used.
12. This drawing should be read in conjunction other External Levels Layouts , Highways Longitudinal Sections (FON-162-01 to 05), Foul Water Sewer Longitudinal Sections (FON-160-01 to 04), Highways Construction Details (FON-180-01 to 02), Highways Contours Layouts (FON-121-01 to 18), Highways Setting out Layout (FON-113-01 to 02), Highways Setting Out Coordinate Listings (FON-113-03), Drainage Construction Details (FON-181-01 to 02), Foul Water Manhole Schedules (FON-141-01 to 03), Surface Water Manhole Schedules (FON-140-01 to 02), Domestic Drainage Layouts (FON-130-01 to 18), Domestic Drainage Construction Details (FON-182-01 to 02), Surface Water Attenuation Details (FON-183-01 to 02) and Building Setting Out Layouts (FON-110-01 to 18).
13. **ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.**

KEY

Existing Ground Profile - - - - -

Proposed Finished Alignment _____

Part of Phase 2 Works

CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

B	02.03.21	Long Sections updated.	PJ	LD	TRS
A	16.10.20	Updated to suit new drainage layout.	GD	LD	TRS
Rev.	Date	Details	By	Chkd	Appd

Client:-



Site:-

Fontwell
Eastergate
Arundel

Drawing Title:-

SURFACE WATER SEWER LONGITUNAL SECTIONS

SHEET 6 OF 6

Date:	March 2020	Scales:	H 1:500, V 1:100 at A1
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Drawn:	GD-I	Checked:	LD	Approved:	TRS
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Drawing No.

FON-161-06-B

CONSTRUCTION ISSUE

SUBJECT TO ADOPTING AUTHORITY APPROVAL



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