S1 (A 300Ø)	Headwall Refer to DWG FON-182-01-02			
S4 (A 150Ø, B 300Ø)	COVER	31.639m	INVERT	A 30.019m
	DIAMETER	1200mm		B 29.869m
	Type E			C
				D
				E
S5 (A 300Ø, B 300Ø, C 100Ø, D 150Ø)	COVER	30.562m	INVERT	A 28.782m
	DIAMETER	1200mm		B 28.782m
	Type E			C 28.982m
				D 28.932m
				E
S6 (A 300Ø, B 300Ø)	COVER	30.040m	INVERT	A 28.393m
	DIAMETER	1200mm		B 28.393m
	Type E			C
				D
				E
S7 (A 300Ø, B 150Ø, C 300Ø)	COVER	29.557m	INVERT	A 27.97m
	DIAMETER	1200mm		B 28.12m
	Type E			C 27.97m
				D
				E
S8 (A 300Ø, B 300Ø)	COVER	28.855m	INVERT	A 27.059m
	DIAMETER	1200mm		B 27.059m
	Type E			C
				D
				E
S9 (A 300Ø, B 300Ø)	COVER	28.061m	INVERT	A 26.318m
	DIAMETER	1200mm		B 26.318m
	Type E			C
				D
				E
S10 (A 300Ø, B 300Ø)	COVER	28.34m	INVERT	A 26.041m
	DIAMETER	1200mm		B 26.041m
	Type B			C
				D
				E
S11 (A 300Ø, B 300Ø)	COVER	27.381m	INVERT	A 24.569m
	DIAMETER	1200mm		B 24.569m
	Type B			C
				D
				E
S12 (A 300Ø, B 300Ø)	COVER	27.298m	INVERT	A 24.374m
	DIAMETER	1200mm		B 24.374m
	Type B			C
				D
				E
S13 (A 300Ø)	COVER	26.664m	INVERT	A 25.155m
	DIAMETER	1200mm		B
	Type E			C
				D
				E
S14 (A 300Ø, B 300Ø)	COVER	26.261m	INVERT	A 24.461m
	DIAMETER	1200mm		B 24.461m
	Type B			C
				D
				E
S15 (A 300Ø, B 300Ø)	COVER	26.235m	INVERT	A 24.416m
	DIAMETER	1200mm		B 24.416m
	Type B			C
				D
				E
S16 (A 300Ø, B 300Ø)	COVER	26.305m	INVERT	A 24.333m
	DIAMETER	1200mm		B 24.333m
	Type B			C
				D
				E
S17 (A 300Ø, B 300Ø)	COVER	26.911m	INVERT	A 24.229m
	DIAMETER	1200mm		B 24.229m
	Type B			C
				D
				E
S18 (A 300Ø, B 300Ø)	COVER	27.076m	INVERT	A 24.186m
	DIAMETER	1200mm		B 24.186m
	Type B			C
				D
				E
S19 (A 300Ø, B 300Ø)	COVER	27.073m	INVERT	A 24.133m
	DIAMETER	1200mm		B 24.133m
	Type B			C
				D
				E
S20 (A 300Ø, B 300Ø)	COVER	26.933m	INVERT	A 24.051m
	DIAMETER	1200mm		B 24.051m
	Type B			C
				D
				E
S21 (A 300Ø, B 300Ø)	COVER	26.807m	INVERT	A 23.975m
	DIAMETER	1200mm		B 23.975m
	Type B			C
				D
				E
S22 (A 300Ø, B 300Ø)	COVER	26.62m	INVERT	A 23.875m
	DIAMETER	1200mm		B 23.875m
	Type B			C
				D
				E
S23 (A 300Ø)	COVER	24.457m	INVERT	A 23.322m
	DIAMETER	1200mm		B
	Type B			C
				D
				E
S24 (A 300Ø, B 300Ø)	COVER	24.402m	INVERT	A 23.244m
	DIAMETER	1200mm		B 23.244m
	Type B			C
				D
				E
S25 (A 300Ø, B 300Ø)	COVER	24.709m	INVERT	A 23.156m
	DIAMETER	1200mm		B 23.156m
	Type E			C
				D
				E
S26 (A 300Ø, B 300Ø)	COVER	24.925m	INVERT	A 23.104m
	DIAMETER	1200mm		B 23.104m
	Type B			C
				D
				E
S27 (A 300Ø, B 300Ø)	COVER	25.952m	INVERT	A 22.95m
	DIAMETER	1200mm		B 22.95m
	Type B			C
				D
				E
S28 (A 300Ø, B 300Ø)	COVER	26.318m	INVERT	A 22.785m
	DIAMETER	1200mm		B 22.785m
	Type A			C
				D
				E
S29 (A 300Ø, B 300Ø, C 300Ø)	COVER	26.632m	INVERT	A 22.718m
	DIAMETER	1200mm		B 22.718m
	Type A			C 22.718m
				D
				E
S30 (A 300Ø, B 300Ø)	COVER	26.628m	INVERT	A 22.692m
	DIAMETER	1200mm		B 22.692m
	Type A			C
				D
				E
S31 (A 300Ø, B 300Ø)	COVER	26.716m	INVERT	A 22.566m
	DIAMETER	1200mm		B 22.566m
	Type A			C
				D
				E
S32 (A 300Ø, B 300Ø)	COVER	26.813m	INVERT	A 22.477m
	DIAMETER	1200mm		B 22.477m
	Type A			C
				D
				E
S33 (A 300Ø, B 300Ø)	COVER	26.953m	INVERT	A 22.351m
	DIAMETER	1200mm		B 22.351m
	Type A			C
				D
				E
S34 (A 300Ø, B 300Ø)	COVER	27.003m	INVERT	A 22.287m
	DIAMETER	1200mm		B 22.287m
	Type A			C
				D
				E
S37 (A 300Ø, B 150Ø, C 300Ø)	COVER	27.094m	INVERT	A 22.216m
	DIAMETER	1200mm		B 22.416m
	Type A			C 22.216m
				D
				E
S42 (A 300Ø, B 150Ø, C 300Ø)	COVER	27.169m	INVERT	A 22.156m
	DIAMETER	1200mm		B 22.306m
	Type A			C 22.156m
				D
				E
S43 (A 300Ø, B 300Ø, C 150Ø)	COVER	27.175m	INVERT	A 22.138m
	DIAMETER	1200mm		B 22.138m
	Type A			C 26.232m
				D
				E
S44 (A 300Ø, B 150Ø, C 300Ø, D 300Ø)	COVER	27.132m	INVERT	A 22.10m
	DIAMETER	1200mm		B 23.60m
	Type A			C 23.617m
				D 22.10m
				E
S45 (A 300Ø, B 300Ø)	COVER	26.729m	INVERT	A 22.013m
	DIAMETER	1200mm		B 22.013m
	Type A			C
				D
				E
S46 (A 300Ø, B 300Ø)	COVER	26.426m	INVERT	A 21.948m
	DIAMETER	1200mm		B 21.948m
	Type A			C
				D
				E
S47 (A 300Ø, B 300Ø)	COVER	26.122m	INVERT	A 21.869m
	DIAMETER	1200mm		B 21.869m
	Type A			C
				D
				E
S48 (A 300Ø, B 300Ø)	COVER	24.751m	INVERT	A 21.67m
	DIAMETER	1200mm		B 21.671m
	Type B			C
				D
				E
S49 (A 300Ø, B 300Ø)	COVER	24.503m	INVERT	A 21.639m
	DIAMETER	1200mm		B 21.637m
	Type B			C
				D
				E
S50 (A 300Ø, B 300Ø)	COVER	23.847m	INVERT	A 21.549m
	DIAMETER	1200mm		B 21.549m
	Type B			C
				D
				E
S51 (A 300Ø)	COVER	23.60m	INVERT	A 21.80m
	DIAMETER	1200mm		B
	Type B			C
				D
				E
S52 (A 300Ø, B 300Ø, C 300Ø)	COVER	23.492m	INVERT	A 21.48m
	DIAMETER	1200mm		B 21.48m
	Type B			C 21.48m
				D
				E
S53 (A 300Ø, B 300Ø)	COVER	23.271m	INVERT	A 21.433m
	DIAMETER	1200mm		B 21.433m
	Type B			C
				D
				E
S54 (A 300Ø, B 300Ø)	COVER	22.828m	INVERT	A 21.373m
	DIAMETER	1200mm		B 21.373m
	Type E			C
				D
				E
S55 (A 300Ø, B 300Ø)	COVER	22.416m	INVERT	A 21.322m
	DIAMETER	1200mm		B 21.322m
	Type B			C
				D
				E
S56 (A 300Ø, B 300Ø)	COVER	22.383m	INVERT	A 21.255m
	DIAMETER	1200mm		B 21.255m
	Type B			C
				D
				E
S57 (A 2250)	COVER	23.753m	INVERT	A 22.328m
	DIAMETER	1200mm		B
	Type E			C
				D
				E
S58 (B 2250, A 2250)	COVER	23.40m	INVERT	A 21.593m
	DIAMETER	1200mm		B 21.593m
	Type B			C
				D
				E

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. Catchpit chambers to be used up stream of all connections to soakaways-refer to drawing refer to drawing FON-182-02 for details.
9. For check dam details refer to drawing FON-182-02.
10. 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.
11. Refer to geotechnical report for sulphate resisting class and ACEC class.
12. **All construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and ICOSA Water specific requirements.**
13. Where manhole is located within soft landscaping or private drives B125 covers may be used**.**
14. 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), Surface Water Sewer Longitudinal Sections (FON-161-01 to 03), 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), 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).
15. Refer to Topographic Survey information for survey station coordinates and levels.
16. ***ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.***

KEY

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.

Rev.	Date	Details	By	Chkd	Appd
B	15.02.21	Notes updated. Issued for construction.	GD	LD	TRS
A	16.10.20	Updated to suit new drainage layout.	GD	LD	TRS

Client:- dandara

Site:-
Fontwell
Eastergate
Arundel

Drawing Title:-
SURFACE WATER
SEWER MANHOLE
SCHEDULES
SHEET 1 OF 2

Date: March 2020 | Scales: Not to scale at A1
Drawn: GD-I | Checked: LD | Approved: TRS

Drawing No.
FON-140-01-B

FOR CONSTRUCTION

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ARUN DISTRICT COUNCIL WA/99/20/DOC