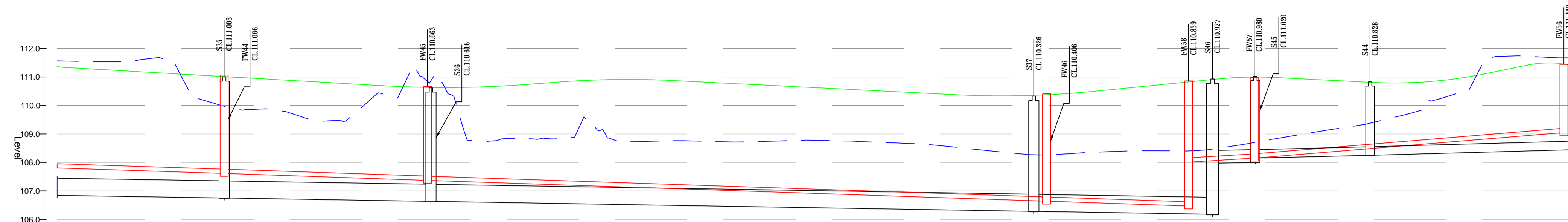


GENERAL NOTES

- DO NOT SCALE. All dimensions are in metres unless otherwise stated.
- This drawing is to be read in conjunction with all other relevant contract drawings and documents.
- The Contractor should site check all existing dimensions shown. Any discrepancies on this drawing identified by the Contractor should be brought to the attention of the Employer prior to construction on site.
- The contractor shall conform to all Statutory Authority requirements, checking with the Employer/Client to identify both below ground and overhead services. Contractor to fully comply with all CDM, H&S and party wall acts that are current. All BS references are to current editions.
- Drawing to be read in conjunction with drawings 1141-1148 for road no. locations and chainage references.

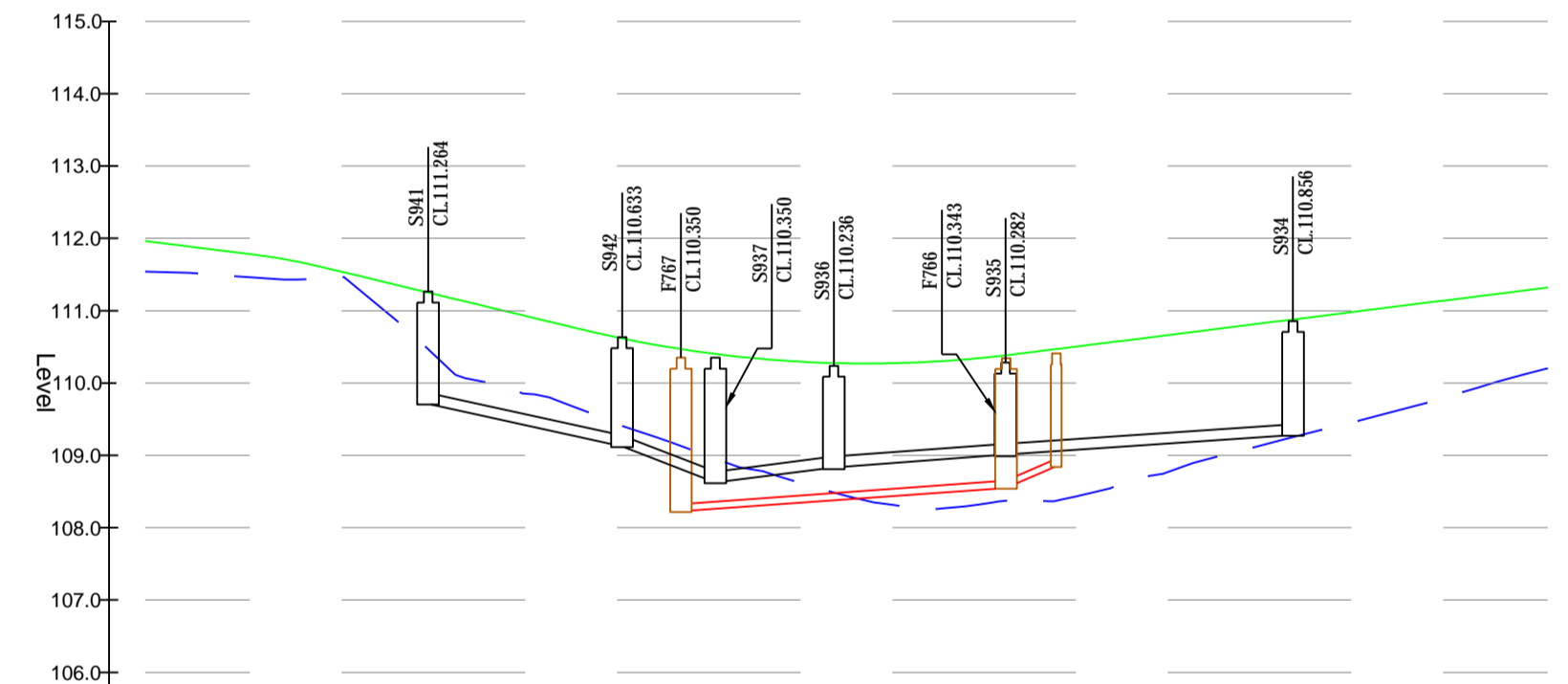
KEY

- EXISTING GROUND
- PROPOSED GROUND
- FOUL WATER MANHOLE
- STORM WATER MANHOLE
- FOUL WATER PIPE
- STORM WATER PIPE



Existing Levels (mAOD)	111.562	111.535	111.562	109.944	109.793	109.458	110.330	110.124	108.658	108.877	108.716	108.761	108.717	108.774	108.744	108.664	108.488	108.285	108.335	108.414	108.444	108.653	108.653	108.528	108.343	108.845	111.283	111.707	111.679	
Proposed Levels	111.562	111.535	111.562	109.944	109.793	109.458	110.330	110.124	108.658	108.877	108.716	108.761	108.717	108.774	108.744	108.664	108.488	108.285	108.335	108.414	108.444	108.653	108.653	108.528	108.343	108.845	111.283	111.707	111.679	
Level Difference	-0.302	-0.302	-0.433	1.063	1.097	1.317	0.334	0.508	1.864	1.869	2.195	2.694	2.038	1.884	1.811	1.795	1.870	2.057	2.118	2.233	2.433	2.312	1.891	1.478	0.875	-0.209	-0.242	-0.249		
Horizontal Geometry	L=22.910		R=13.900m L=12.372m		L=22.534		R=13.900m L=9.262m		L=99.459		R=15.900m L=7.493m		L=21.370		R=9.900m L=15.531m		L=52.385													
Vertical Geometry	G=-1.146% (1.87) L=56.501		R=944.917 K=9.449 L=25.000		G=1.500% (1.87) L=5.876		R=800.000 K=8.000 L=20.000		G=-1.000% (1.100) L=49.425		R=833.333 K=8.333 L=25.000		G=-2.000% (1.50) L=21.290		R=333.333 K=3.333 L=10.000		G=-1.000% (1.100) L=17.088		R=393.025 K=3.930 L=20.000		G=-4.089% (1.28) L=7.207		R=94.878 K=0.949 L=5.866		G=0.949% (1.82) L=176					
Storm Invert Level	108.833	108.752	108.752	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	108.633	
Storm Pipe Data	1.020 / 6000 1:315 31.77m Concrete Pipe SI		1.021 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:301 105.52m Concrete Pipe SI		1.022 / 6000 1:299 31.11m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI		1.022 / 6000 1:299 35.63m Concrete Pipe SI	
Foul Invert Level	107.889	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	107.813	
Foul Pipe Data	1.020 / 1500 1:158 30.96m Clay Pipe SI		1.021 / 1500 1:150 36.61m Clay Pipe SI		1.022 / 1500 1:150 109.37m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI		1.022 / 1500 1:149 25.26m Clay Pipe SI	
Chainage	0.00	20.00	40.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	200.00	220.00	240.00	260.00	280.00	300.00	320.00	340.00	360.00	380.00	400.00	420.00	440.00	460.00	480.00	500.00	520.00	540.00	560.00	

Shared Surface 20 LONG SECTION  
Datum: 105.00, Chainage: 0.000 - 265.865  
SCALE: H 1:500, V 1:100



Existing Levels (mAOD)	111.539	111.439	110.389	109.645	108.814	108.968	108.392	108.724	109.283	109.802	110.205	
Proposed Levels	111.539	111.439	110.389	109.645	108.814	108.968	108.392	108.724	109.283	109.802	110.205	
Level Difference	-0.821	0.289	0.841	1.100	1.471	1.900	2.019	1.910	1.611	1.342	-1.102	
Horizontal Geometry	L=42.929		R=12.900m L=24.513m		L=24.662		L=4.940, 4.38					
Vertical Geometry	G=-2.300% (1.80) L=5.000		G=-4.800% (1.21) L=17.779		R=410.839 K=4.110 L=30.000		G=2.500% (1.40) L=37.845					
Storm Invert Level	108.714	108.625	108.625	108.625	108.625	108.625	108.625	108.625	108.625	108.625	108.625	
Storm Pipe Data	12.007 / 1000 1:23 13.14m Clay Pipe SI		12.007 / 1000 1:23 13.14m Clay Pipe SI		12.002 (1) / 1500 1:53 17.05m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI	
Foul Invert Level	108.221	108.550	108.550	108.550	108.550	108.550	108.550	108.550	108.550	108.550	108.550	
Foul Pipe Data	12.007 / 1000 1:23 13.14m PVC Pipe SI		12.007 / 1000 1:23 13.14m PVC Pipe SI		12.002 (1) / 1500 1:53 17.05m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI		12.002 (1) / 1500 1:80 21.70m Clay Pipe SI	
Chainage	0.00	20.00	40.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	200.00	

Shared Surface 23 LONG SECTION  
Datum: 105.00, Chainage: 0.000 - 97.020  
SCALE: H 1:500, V 1:100

PRELIMINARY ISSUE

REV	DESCRIPTION	BY	CHK	APP	DATE
P2	Pipes and manholes shown on Long Section	ALP	DF	AP	06.04.18
P1	FIRST ISSUE	ALP	AP	AP	09.03.18



**Defence Infrastructure Organisation**

90 VICTORIA STREET  
BRISTOL  
BS1 6DP

Tel.WYG: +44 (0)117 925 4393  
Tel.SBA: +44 (0)117 311 6387  
FAX: +44 (0)117 925 4239



Project:  
SPTA SFA LARKHILL

Drawing Title:  
SHARED SURFACES 20 & 23  
LONGITUDINAL SECTION  
SHEET 13

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1:500	ALP	16.10.17	AP	16.10.17	ACP	16.10.17	
Project No.	Office	Type	Drawing No.	Revision			
A100941-3	28	C	1359-4	P1			